

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038095.D
 Acq On : 05 Oct 2023 11:54
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

Quant Time: Oct 05 15:08:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	164363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	282655	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154769	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	385974	145.999	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 292.000%#			
35) Dibromofluoromethane	5.385	113	310135	152.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 304.540%#			
50) Toluene-d8	8.653	98	1186502	152.452	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 304.900%#			
62) 4-Bromofluorobenzene	11.079	95	456647	154.768	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.540%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	258389	162.865	ug/l	99
3) Chloromethane	1.307	50	225529	139.473	ug/l	98
4) Vinyl Chloride	1.374	62	263346	146.887	ug/l	98
5) Bromomethane	1.599	94	344050	147.782	ug/l	98
6) Chloroethane	1.660	64	247116	151.081	ug/l	97
7) Trichlorofluoromethane	1.874	101	569371	160.782	ug/l	99
8) Diethyl Ether	2.136	74	209466	158.600	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	244639	158.245	ug/l	99
10) Methyl Iodide	2.447	142	354553	159.395	ug/l	96
11) Tert butyl alcohol	2.989	59	423970	748.620	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	243038	161.617	ug/l	91
13) Acrolein	2.239	56	304742	810.858	ug/l	100
14) Allyl chloride	2.660	41	421642	156.758	ug/l	# 94
15) Acrylonitrile	3.069	53	878670	730.350	ug/l	99
16) Acetone	2.386	43	786525	712.861	ug/l	91
17) Carbon Disulfide	2.508	76	696711	160.748	ug/l	99
18) Methyl Acetate	2.703	43	710033	150.065	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	939295	156.833	ug/l	98
20) Methylene Chloride	2.788	84	297025	143.120	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	290123	155.819	ug/l	91
22) Diisopropyl ether	3.764	45	864628	153.376	ug/l	# 85
23) Vinyl Acetate	3.727	43	3187404	771.001	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	515466	150.669	ug/l	99
25) 2-Butanone	4.562	43	1263411	709.700	ug/l	91
26) 2,2-Dichloropropane	4.477	77	429808	160.912	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	337116	152.027	ug/l	92
28) Bromochloromethane	4.904	49	230485	149.238	ug/l	86
29) Tetrahydrofuran	5.007	42	835681	721.021	ug/l	88
30) Chloroform	5.093	83	577680	154.413	ug/l	98
31) Cyclohexane	5.471	56	437488	152.742	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	518826	161.911	ug/l	98
36) 1,1-Dichloropropene	5.696	75	414375	147.539	ug/l	98
37) Ethyl Acetate	4.721	43	494981	148.394	ug/l	97
38) Carbon Tetrachloride	5.678	117	443074	160.364	ug/l	99
39) Methylcyclohexane	7.379	83	506377	153.926	ug/l	94
40) Benzene	6.038	78	1201133	152.904	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	255322	153.870	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	464323	147.942	ug/l	99
43) Isopropyl Acetate	6.342	43	779555	156.554	ug/l	96
44) Trichloroethene	7.129	130	322063	156.752	ug/l	98
45) 1,2-Dichloropropane	7.434	63	305320	150.172	ug/l	98
46) Dibromomethane	7.580	93	240837	152.730	ug/l	97
47) Bromodichloromethane	7.824	83	457349	163.036	ug/l	96
48) Methyl methacrylate	7.696	41	368563	155.046	ug/l #	87
49) 1,4-Dioxane	7.665	88	172416	2943.390	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	2530950	736.891	ug/l	94
52) Toluene	8.720	92	815663	159.399	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	525462	174.508	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	530565	167.710	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	338198	154.517	ug/l	93
56) Ethyl methacrylate	9.116	69	546994	162.999	ug/l	92
57) 1,3-Dichloropropane	9.311	76	541550	152.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1278661	776.249	ug/l	98
59) 2-Hexanone	9.433	43	2030420	735.343	ug/l	93
60) Dibromochloromethane	9.525	129	375693	175.383	ug/l	100
61) 1,2-Dibromoethane	9.610	107	375463	158.631	ug/l	99
64) Tetrachloroethene	9.275	164	276920	153.229	ug/l	98
65) Chlorobenzene	10.080	112	872003	149.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	325827	164.945	ug/l	99
67) Ethyl Benzene	10.195	91	1593066	152.779	ug/l	99
68) m/p-Xylenes	10.305	106	1270066	315.007	ug/l	96
69) o-Xylene	10.640	106	613543	155.917	ug/l	98
70) Styrene	10.659	104	1041244	162.482	ug/l	97
71) Bromoform	10.799	173	291364	152.756	ug/l #	100
73) Isopropylbenzene	10.964	105	1603129	154.455	ug/l	98
74) N-amyl acetate	10.842	43	710271	160.248	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	570176	149.708	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	523338m	148.740	ug/l	
77) Bromobenzene	11.201	156	386513	152.530	ug/l	92
78) n-propylbenzene	11.305	91	1905873	150.173	ug/l	99
79) 2-Chlorotoluene	11.366	91	1108958	147.340	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1419443	158.516	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	194422	152.365	ug/l	87
82) 4-Chlorotoluene	11.457	91	1358900	152.576	ug/l	97
83) tert-Butylbenzene	11.713	119	1385828	158.384	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1386336	155.276	ug/l	97
85) sec-Butylbenzene	11.890	105	1735593	153.127	ug/l	99
86) p-Isopropyltoluene	12.012	119	1478608	158.116	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	753467	148.038	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	763555	146.945	ug/l	98
89) n-Butylbenzene	12.335	91	1462685	157.055	ug/l	98
90) Hexachloroethane	12.536	117	270528	174.480	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	749504	153.199	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	147405	160.076	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	509144	155.162	ug/l	97
94) Hexachlorobutadiene	13.725	225	201883	152.859	ug/l	98
95) Naphthalene	13.774	128	1768478	154.759	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	499215	157.122	ug/l	98

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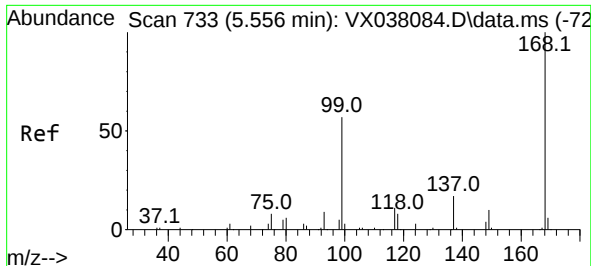
Manual Integrations
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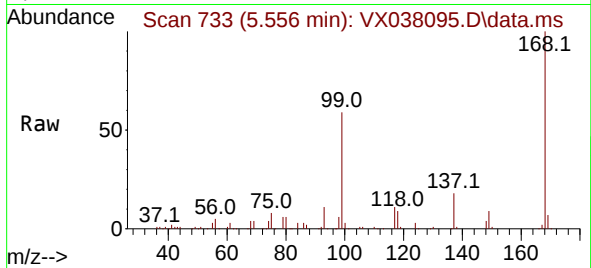
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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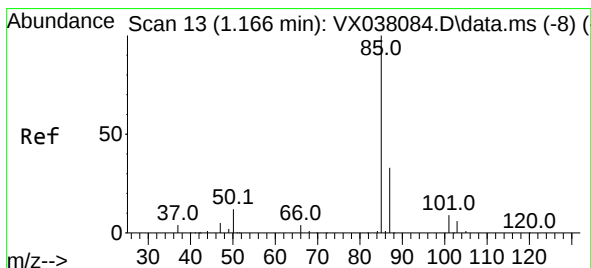
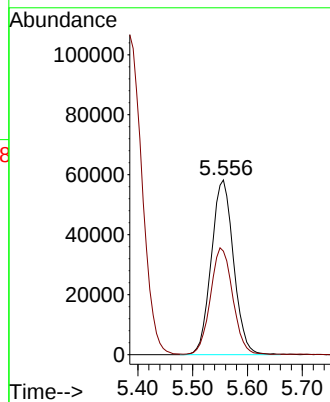
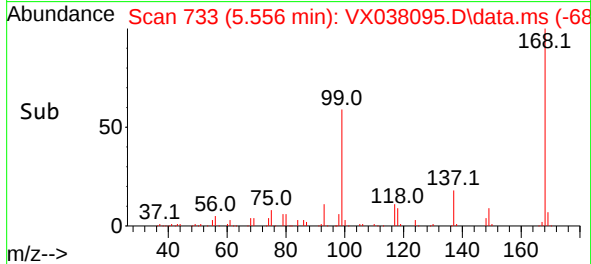
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 16436
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0

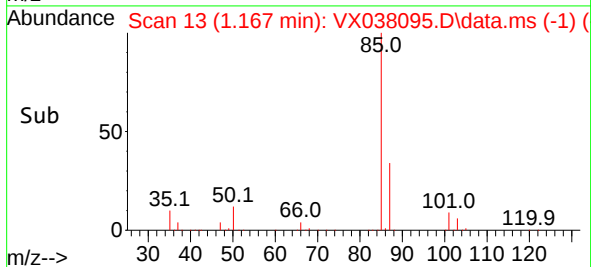
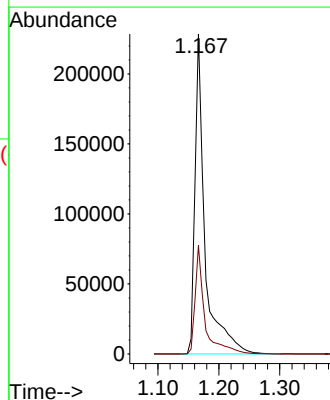
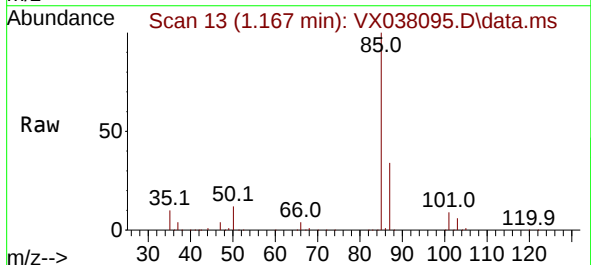
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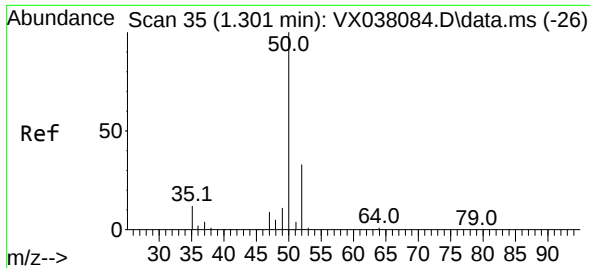
Reviewed By :John Carlone 10/05/2023
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#2
Dichlorodifluoromethane
Concen: 162.865 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Tgt Ion: 85 Resp: 258389
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





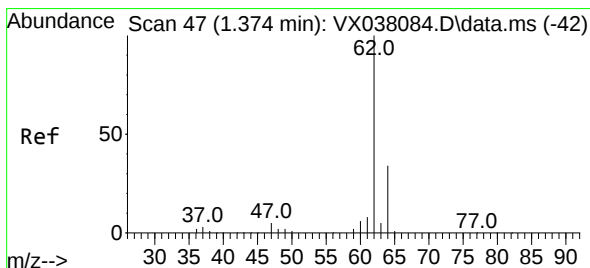
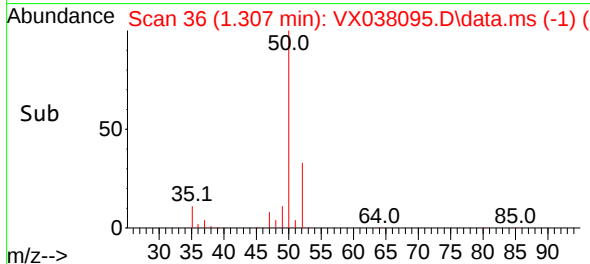
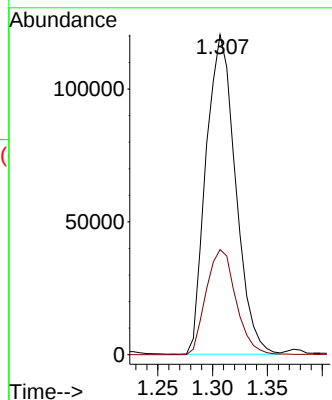
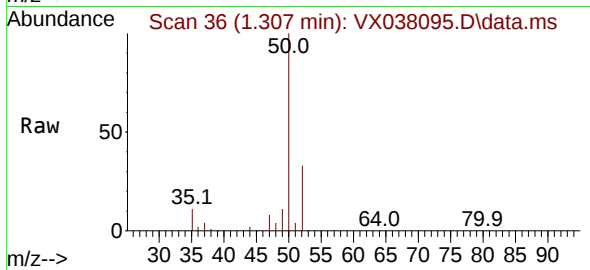
#3
Chloromethane
Concen: 139.473 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

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Tgt Ion: 50 Resp: 225529
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3

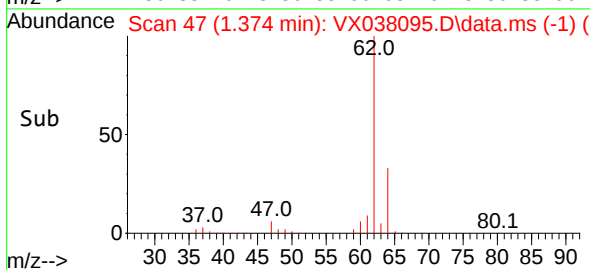
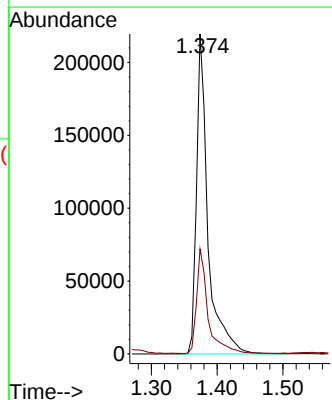
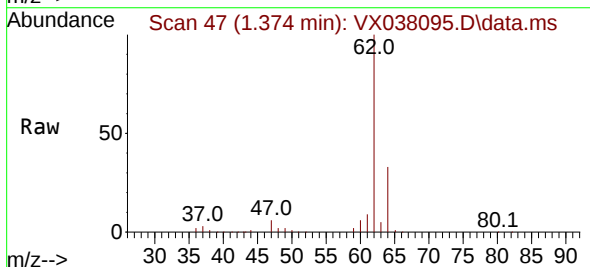
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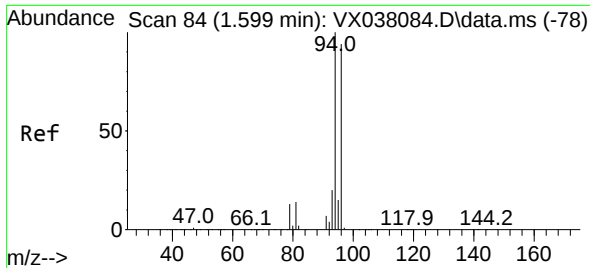
Reviewed By :John Carlone 10/05/2023
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#4
Vinyl Chloride
Concen: 146.887 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

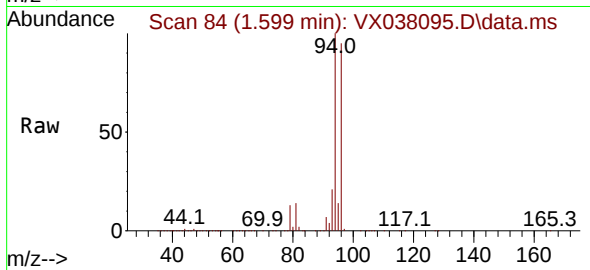
Tgt Ion: 62 Resp: 263346
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 147.782 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

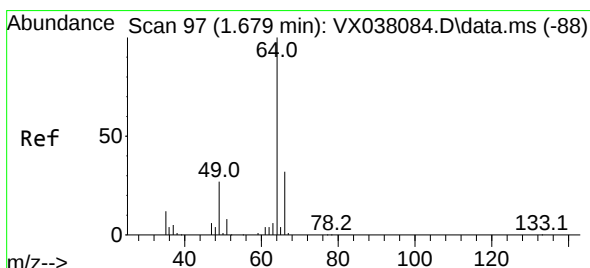
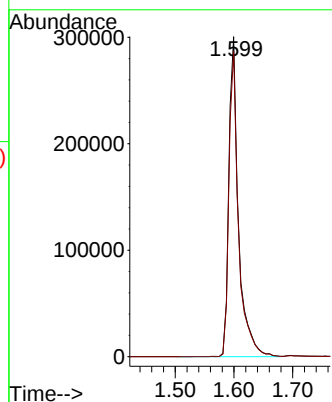
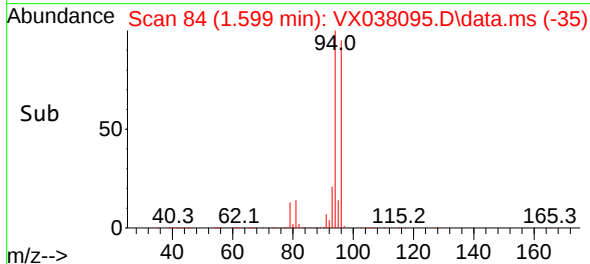
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Tgt Ion: 94 Resp: 344050
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8

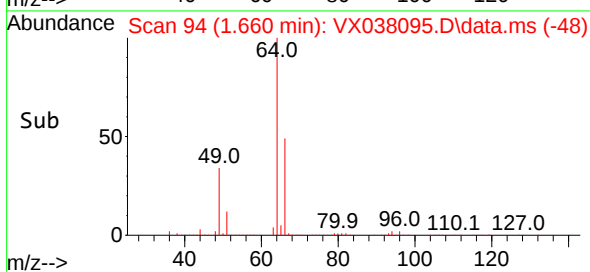
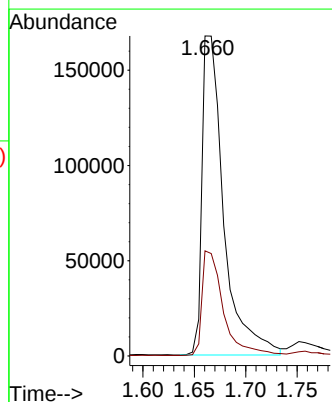
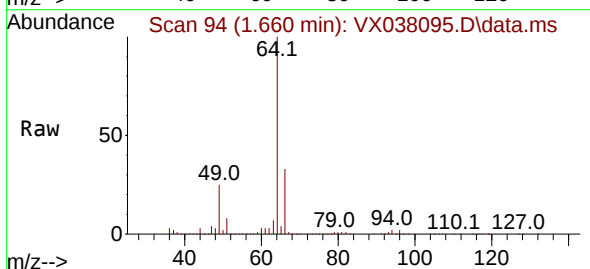
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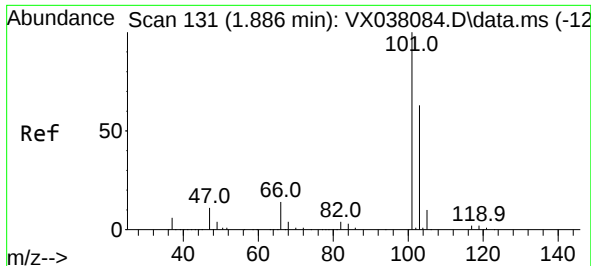
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#6
Chloroethane
Concen: 151.081 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
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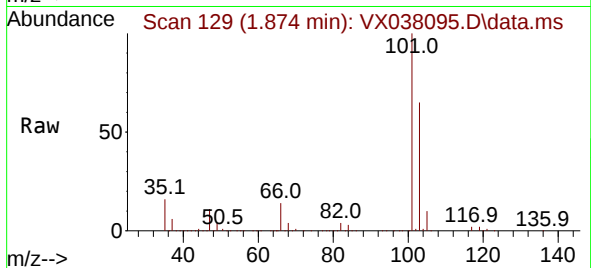
Tgt Ion: 64 Resp: 247116
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 160.782 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX038095.D
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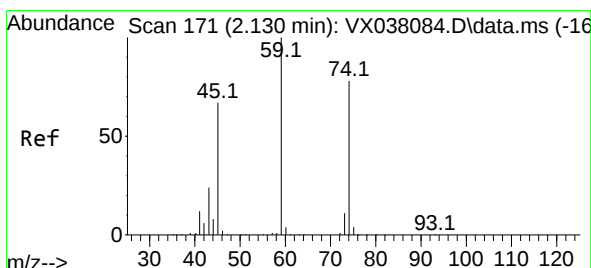
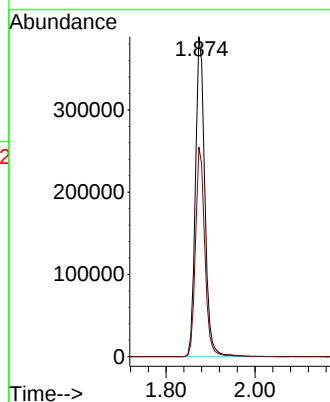
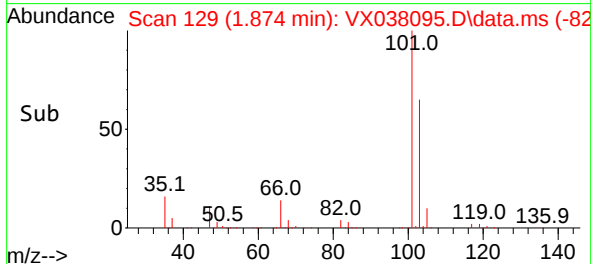
Instrument :
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VSTDIC150



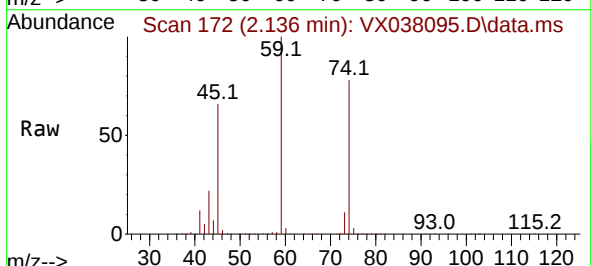
Tgt Ion:101 Resp: 56937
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

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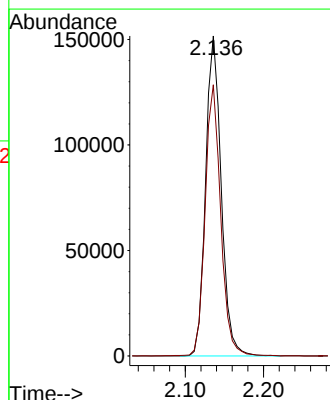
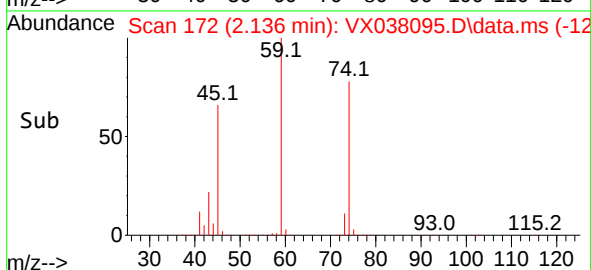
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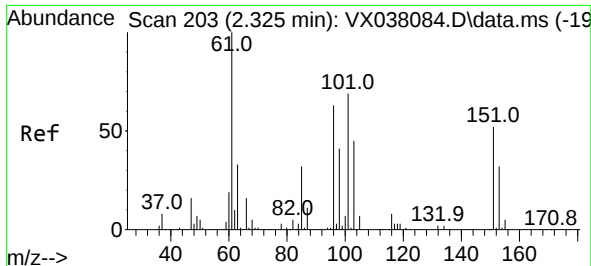


#8
Diethyl Ether
Concen: 158.600 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 209466
Ion Ratio Lower Upper
74 100
45 84.8 53.3 159.8





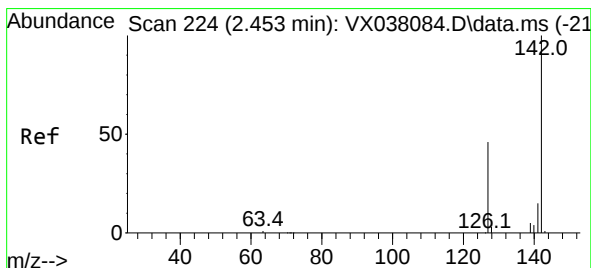
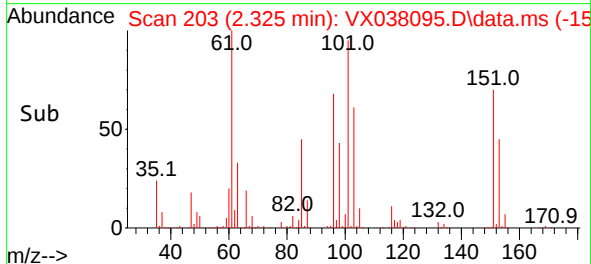
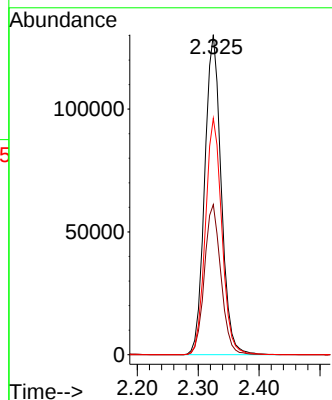
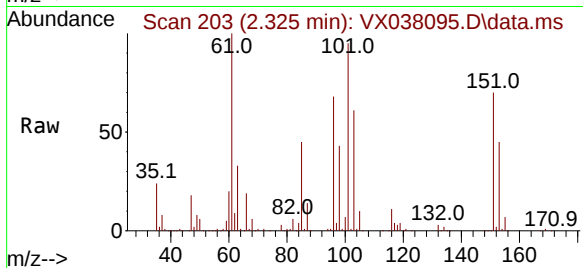
#9
1,1,2-Trichlorotrifluoroethane
Concen: 158.245 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 244639
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 73.8 58.6 87.8

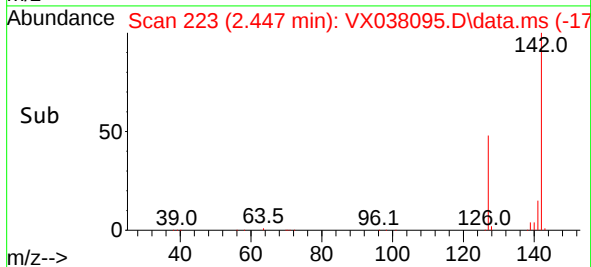
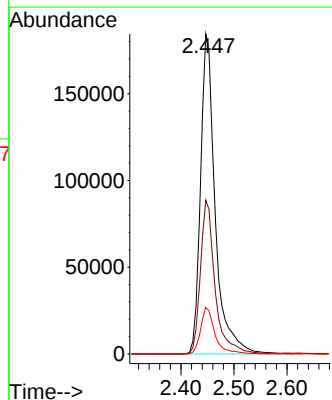
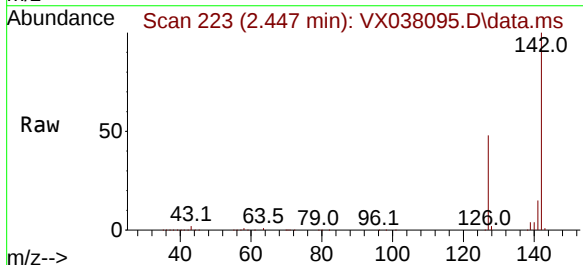
Manual Integrations
APPROVED

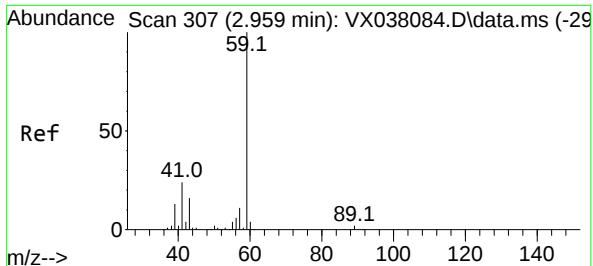
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 159.395 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

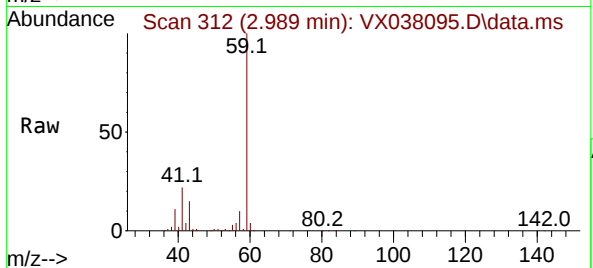
Tgt Ion:142 Resp: 354553
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 748.620 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.030 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

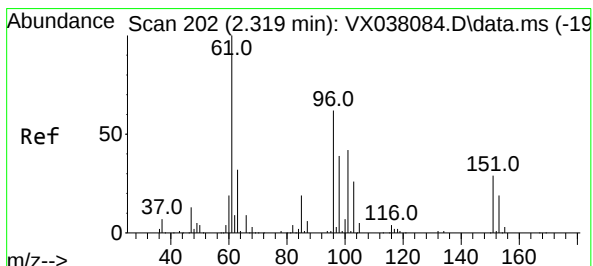
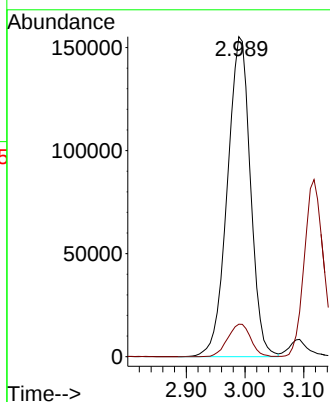
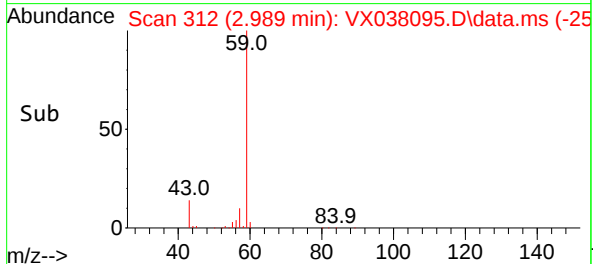
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 423970
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

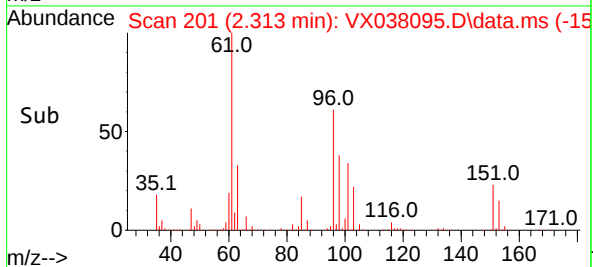
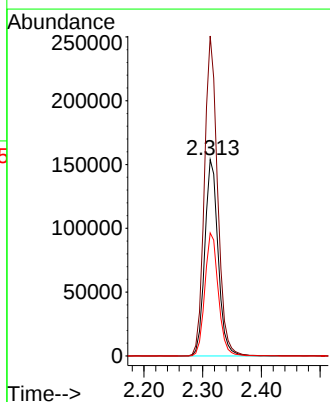
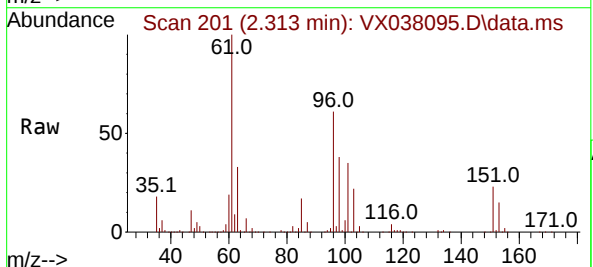
Manual Integrations
APPROVED

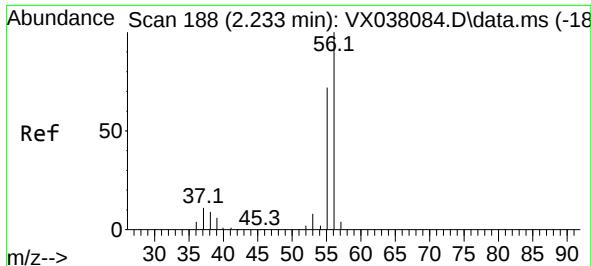
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#12
1,1-Dichloroethene
Concen: 161.617 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

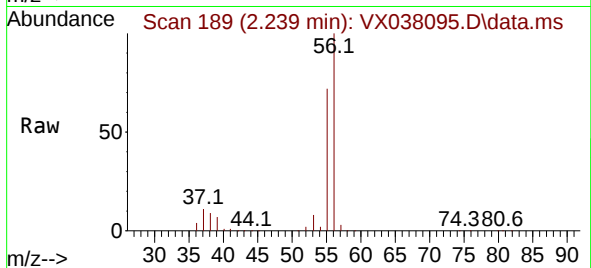
Tgt Ion: 96 Resp: 243038
Ion Ratio Lower Upper
96 100
61 163.0 144.6 216.8
98 62.7 50.4 75.6





#13
Acrolein
Concen: 810.858 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

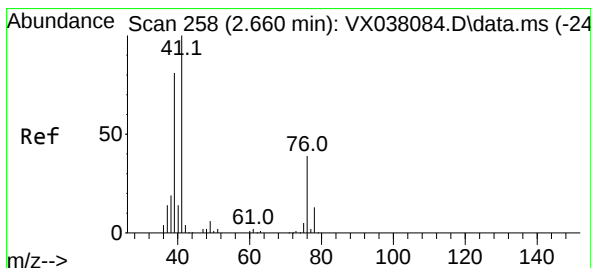
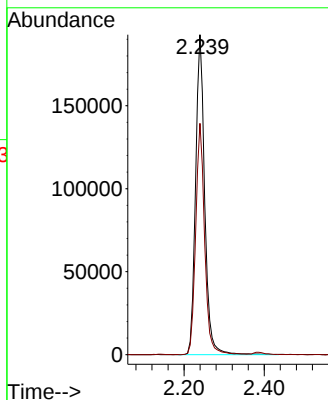
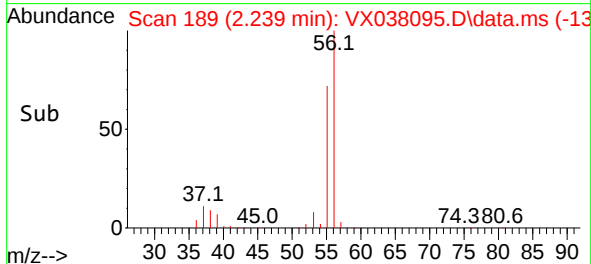
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 30474
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

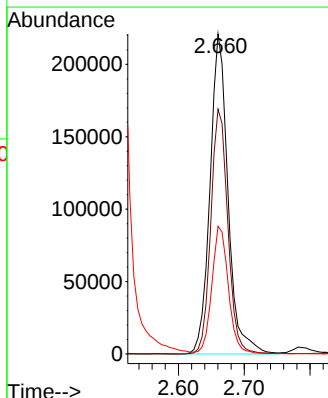
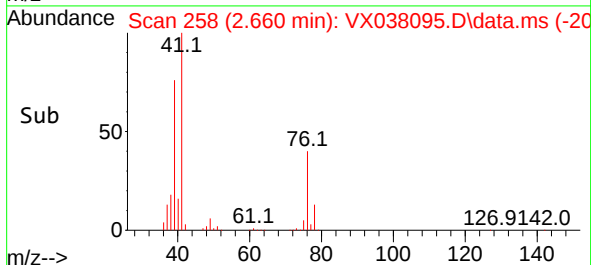
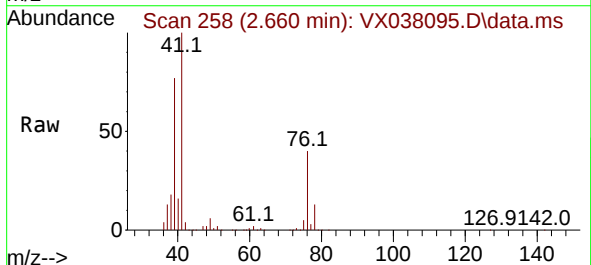
Manual Integrations
APPROVED

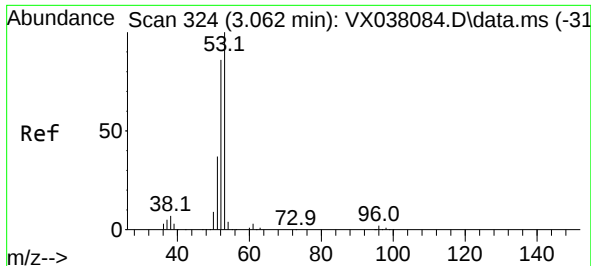
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#14
Allyl chloride
Concen: 156.758 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

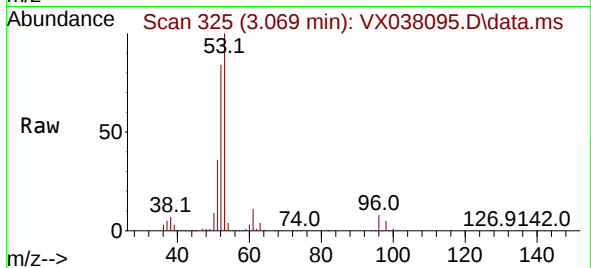
Tgt Ion: 41 Resp: 421642
Ion Ratio Lower Upper
41 100
39 72.3 55.8 83.6
76 36.6 24.3 36.5#





#15
Acrylonitrile
Concen: 730.350 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

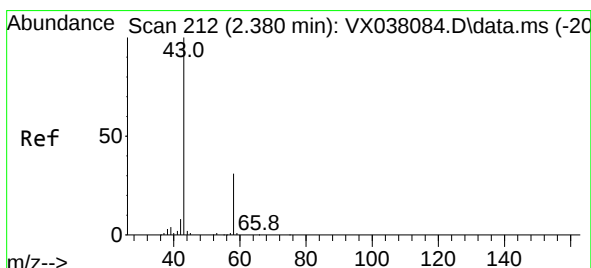
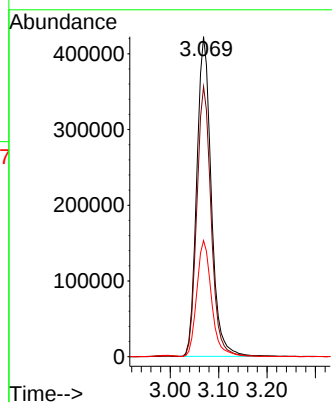
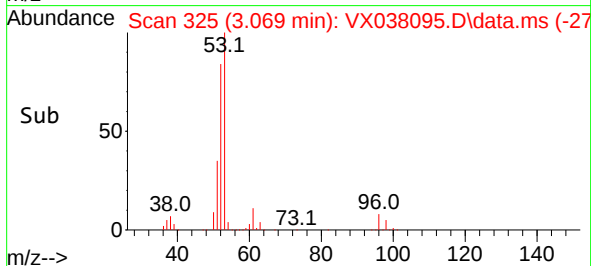
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 878670
Ion Ratio Lower Upper
53 100
52 83.8 66.0 99.0
51 37.0 29.8 44.6

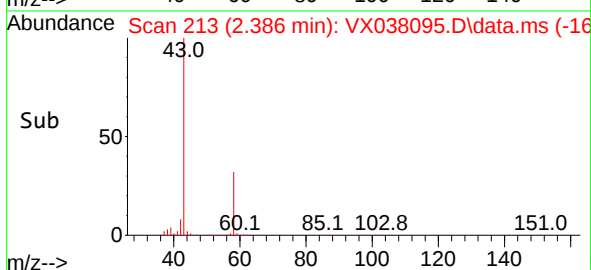
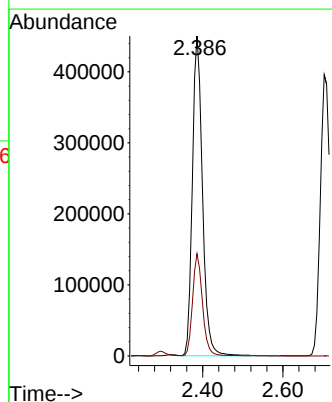
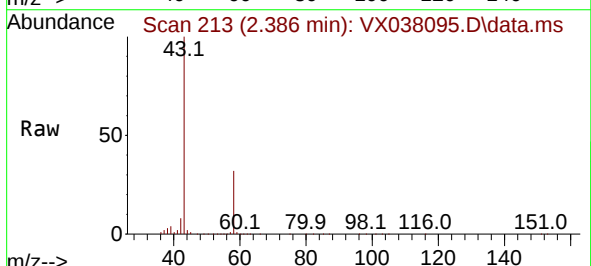
Manual Integrations
APPROVED

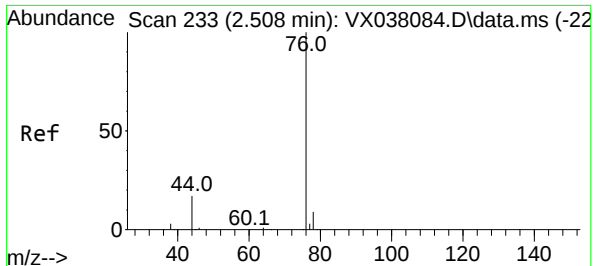
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 712.861 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

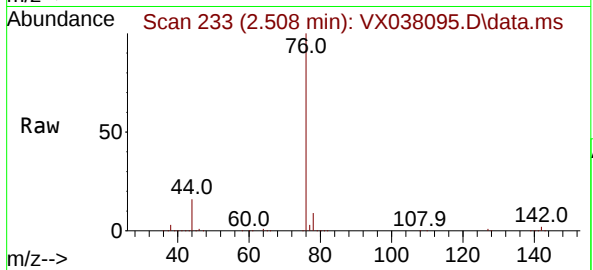
Tgt Ion: 43 Resp: 786525
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





#17
Carbon Disulfide
Concen: 160.748 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

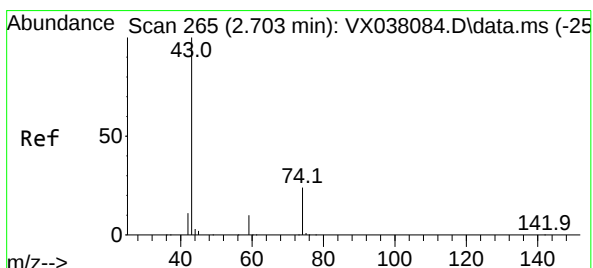
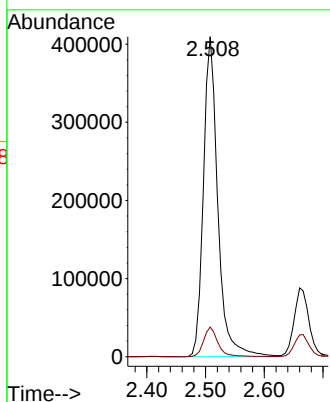
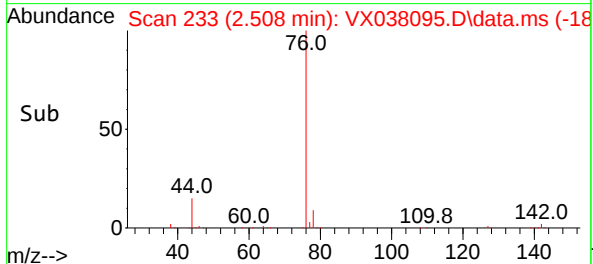
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 69671
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

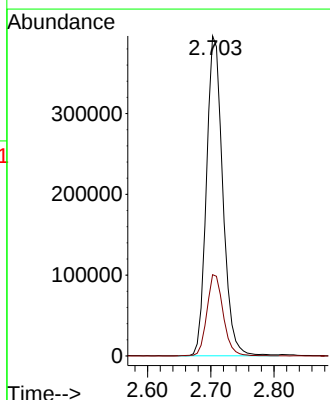
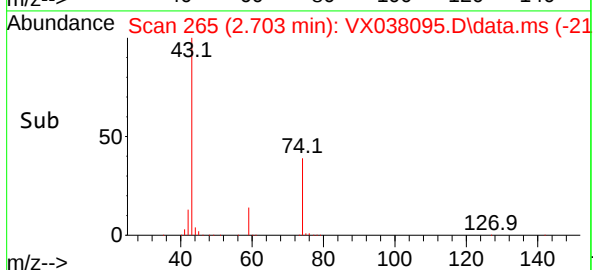
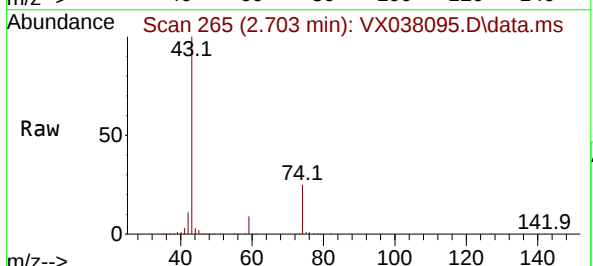
Manual Integrations
APPROVED

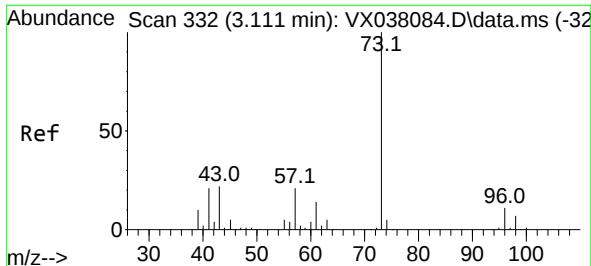
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#18
Methyl Acetate
Concen: 150.065 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Tgt Ion: 43 Resp: 710033
Ion Ratio Lower Upper
43 100
74 25.6 17.8 26.8





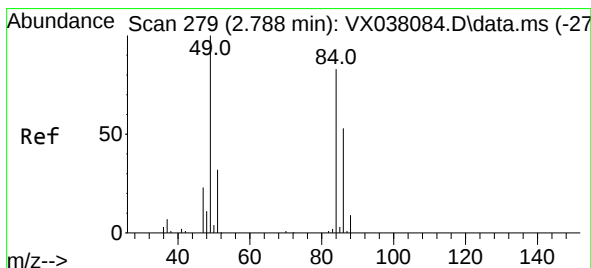
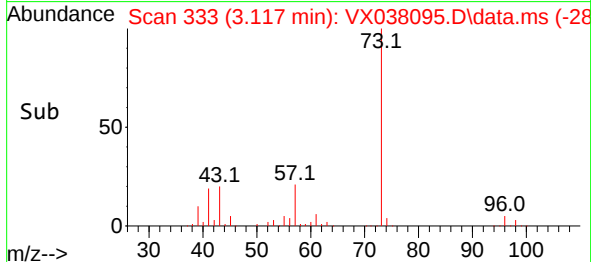
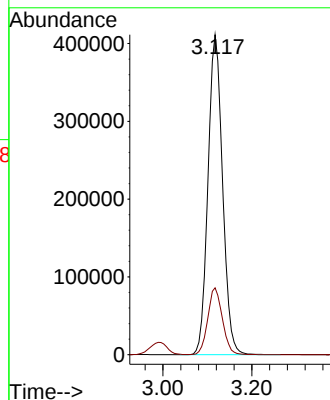
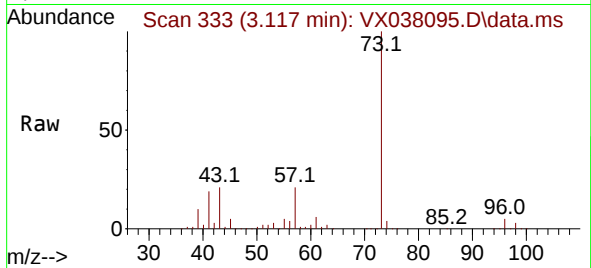
#19
Methyl tert-butyl Ether
Concen: 156.833 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 939295
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

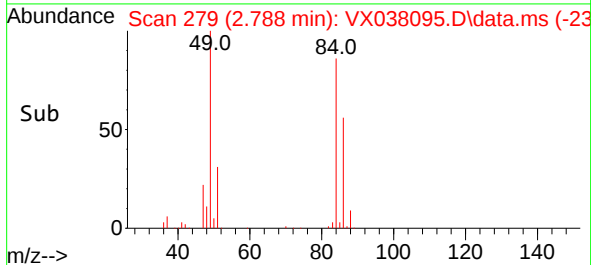
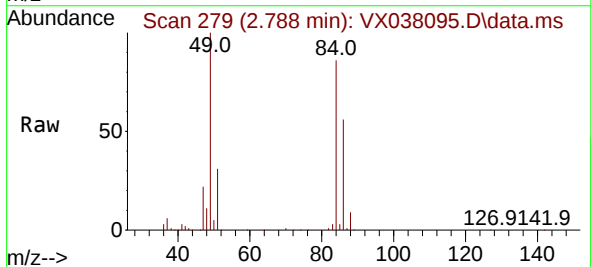
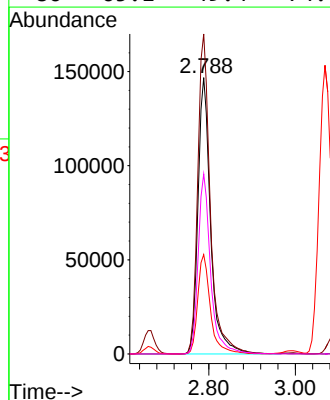
Manual Integrations
APPROVED

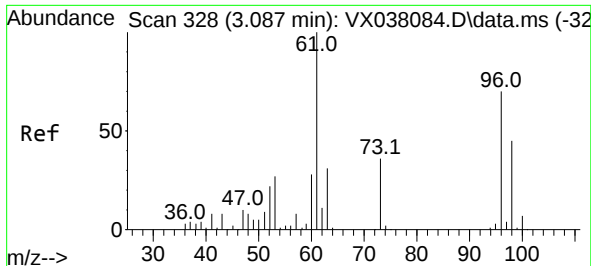
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 143.120 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

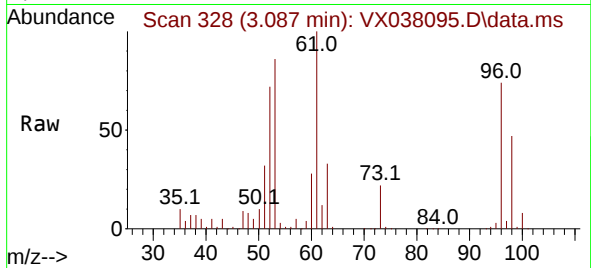
Tgt Ion: 84 Resp: 297025
Ion Ratio Lower Upper
84 100
49 115.8 103.6 155.4
51 35.9 33.8 50.6
86 65.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 155.819 ug/l
RT: 3.087 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

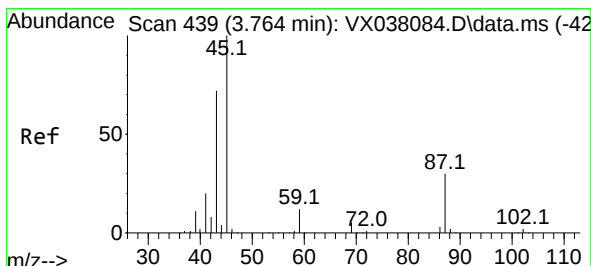
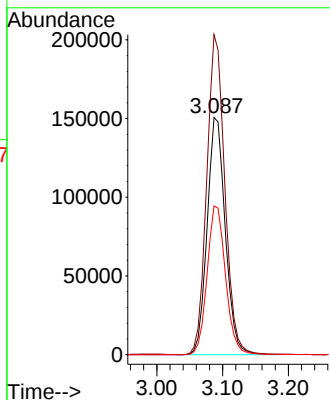
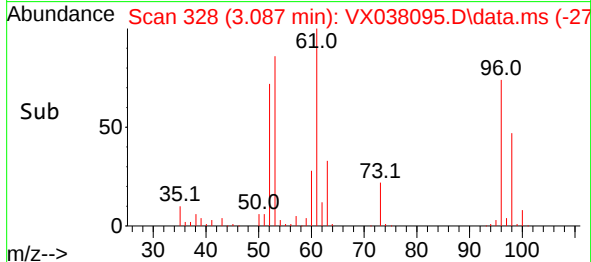
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



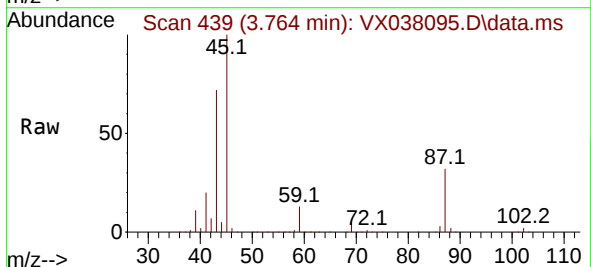
Tgt Ion: 96 Resp: 29012
Ion Ratio Lower Upper
96 100
61 134.9 119.2 178.8
98 62.7 48.7 73.1

Manual Integrations
APPROVED

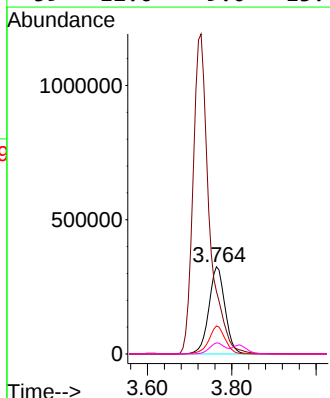
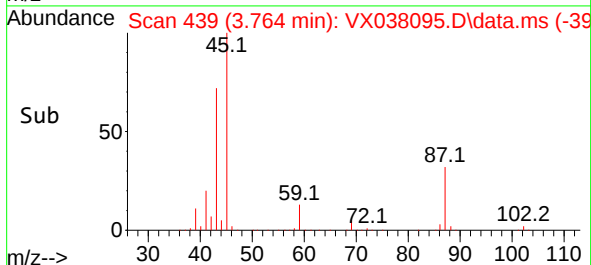
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

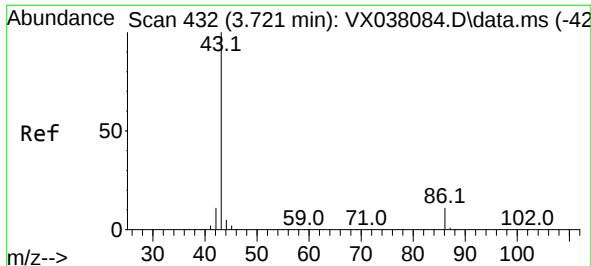


#22
Diisopropyl ether
Concen: 153.376 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



Tgt Ion: 45 Resp: 864628
Ion Ratio Lower Upper
45 100
43 71.5 69.7 104.5
87 32.0 20.8 31.2#
59 12.6 9.0 13.4





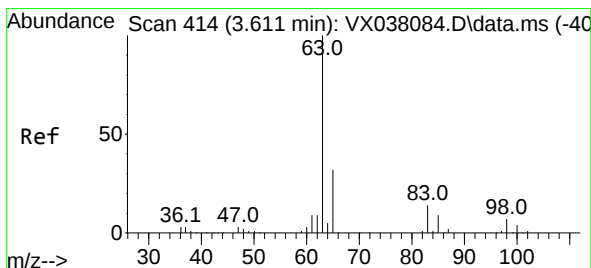
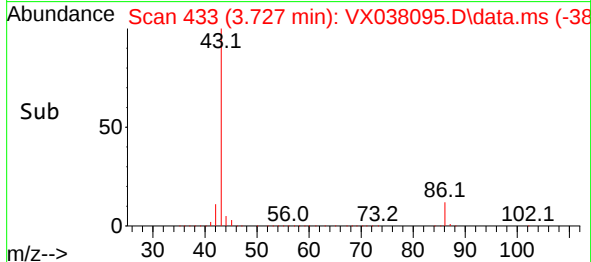
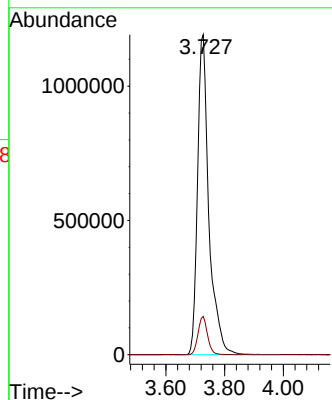
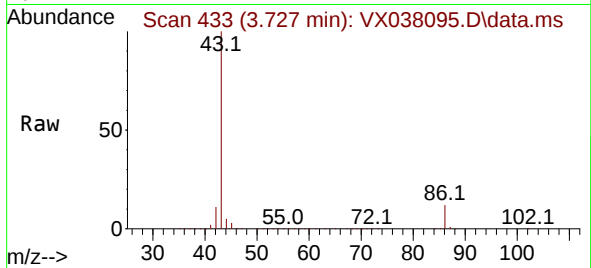
#23
 Vinyl Acetate
 Concen: 771.001 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX038095.D
 Acq: 05 Oct 2023 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 3187404
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.8

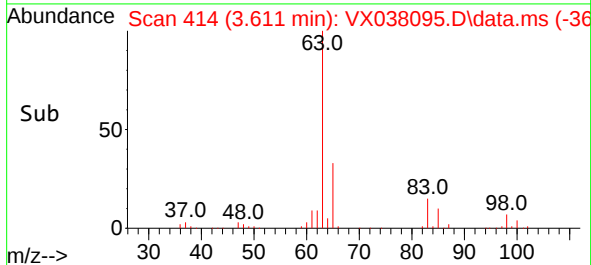
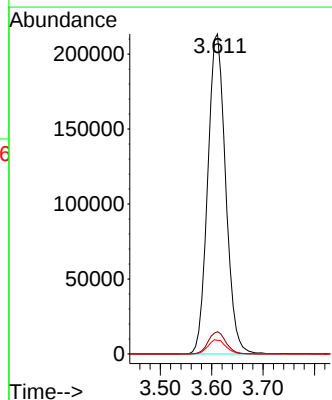
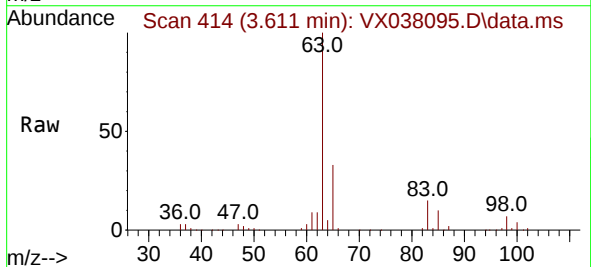
Manual Integrations
 APPROVED

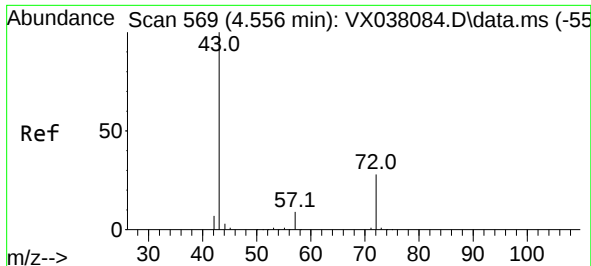
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 150.669 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038095.D
 Acq: 05 Oct 2023 11:54

Tgt Ion: 63 Resp: 515466
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.3 2.1 6.5





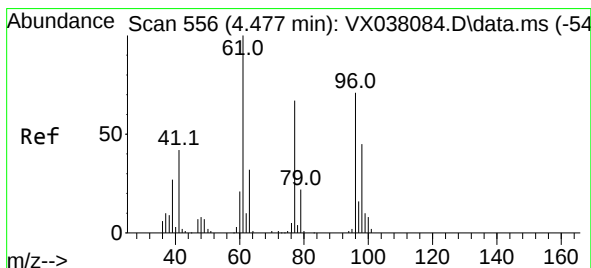
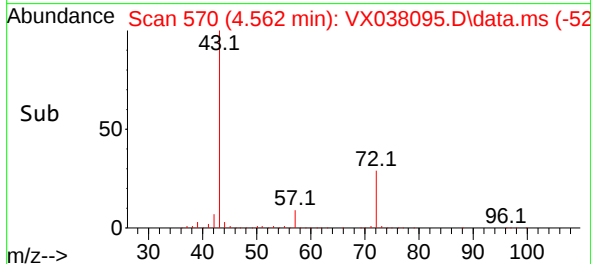
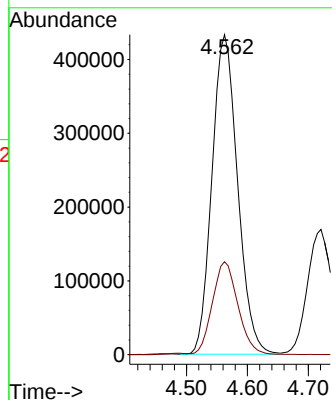
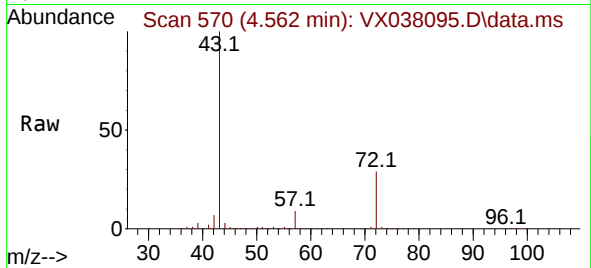
#25
2-Butanone
Concen: 709.700 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 126341
Ion Ratio Lower Upper
43 100
72 28.9 19.4 29.2

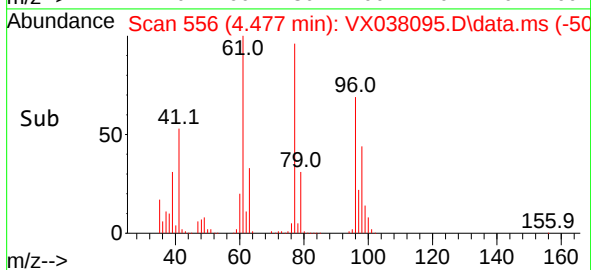
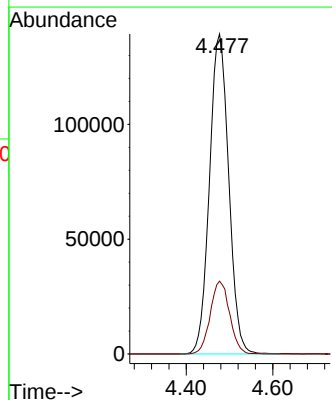
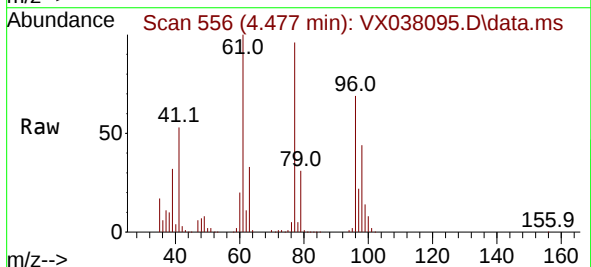
Manual Integrations
APPROVED

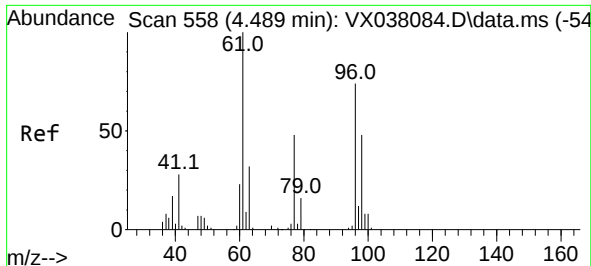
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#26
2,2-Dichloropropane
Concen: 160.912 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

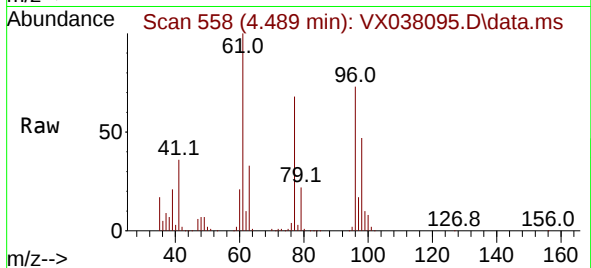
Tgt Ion: 77 Resp: 429808
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 152.027 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX038095.D
 Acq: 05 Oct 2023 11:54

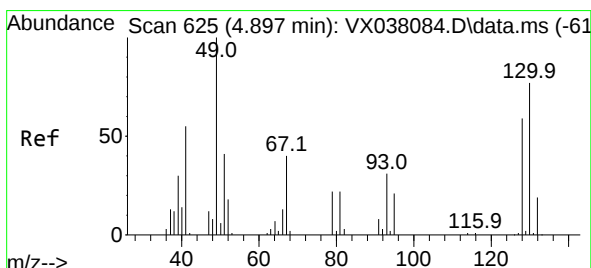
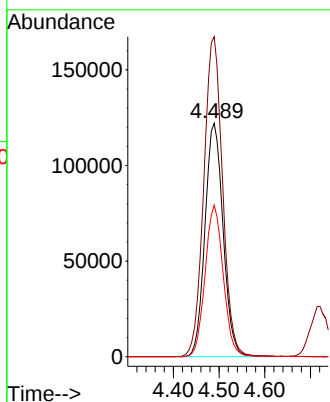
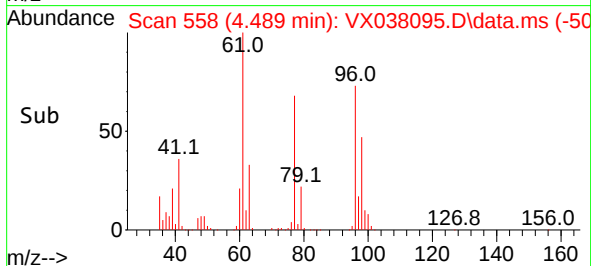
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



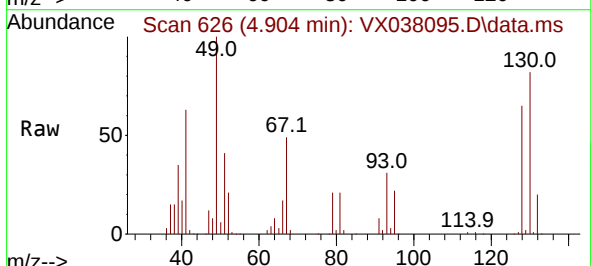
Tgt Ion: 96 Resp: 337110
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 312.2
 98 64.7 0.0 129.0

Manual Integrations
 APPROVED

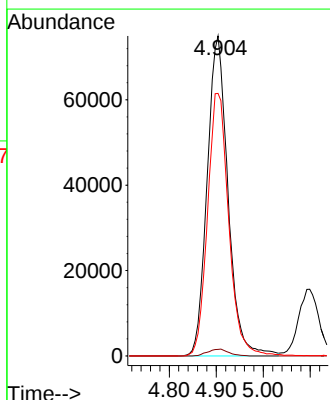
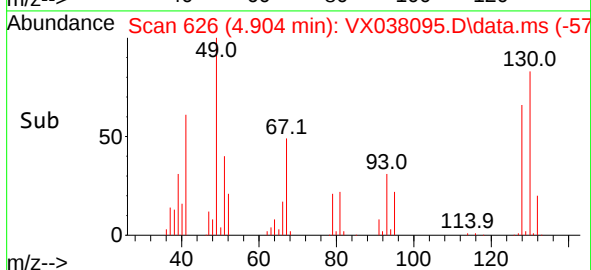
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023

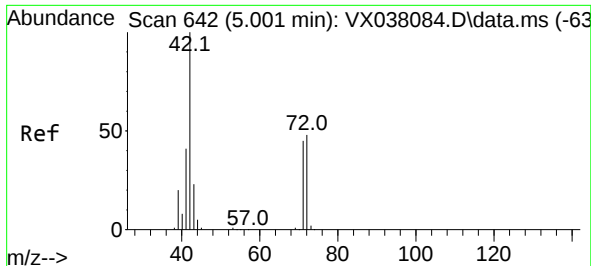


#28
 Bromochloromethane
 Concen: 149.238 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX038095.D
 Acq: 05 Oct 2023 11:54



Tgt Ion: 49 Resp: 230485
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 83.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 721.021 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 83568

Ion Ratio Lower Upper

42 100

72 50.7 34.2 51.4

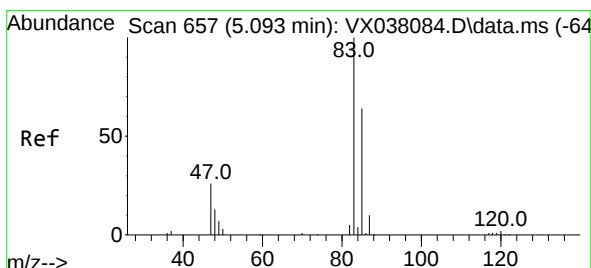
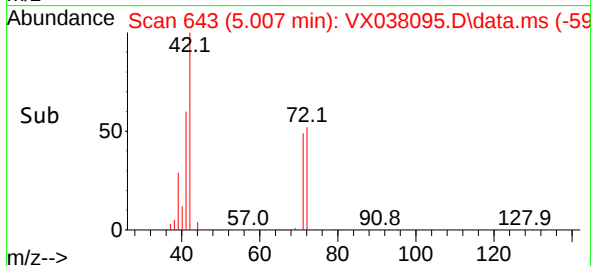
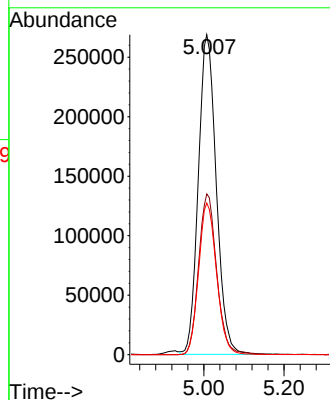
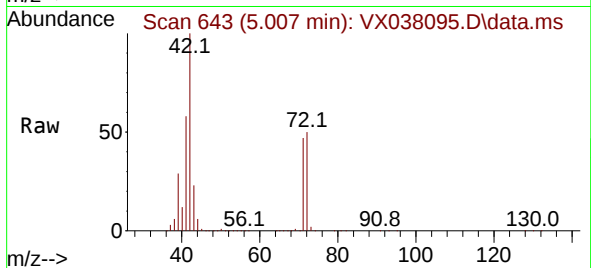
71 47.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 154.413 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038095.D

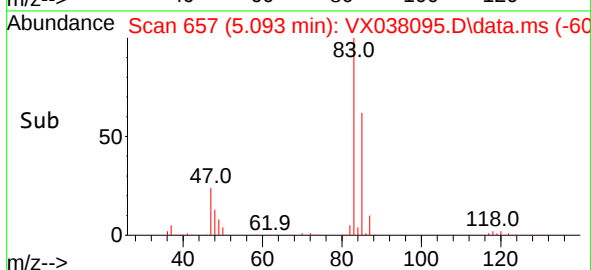
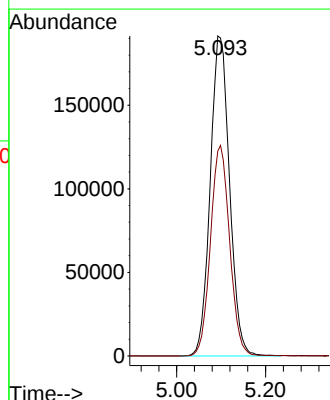
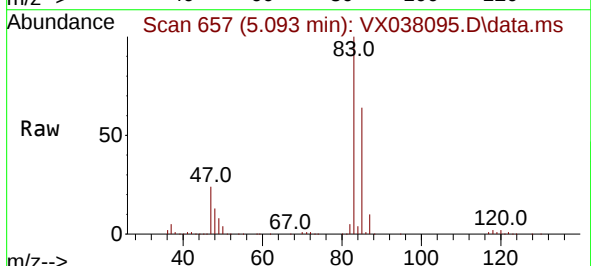
Acq: 05 Oct 2023 11:54

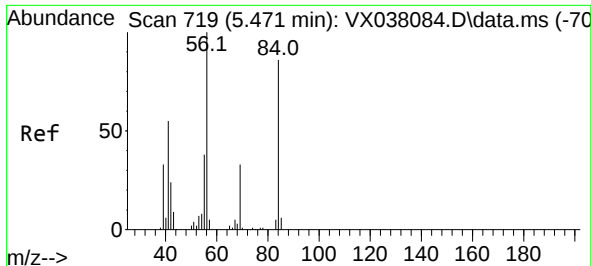
Tgt Ion: 83 Resp: 577680

Ion Ratio Lower Upper

83 100

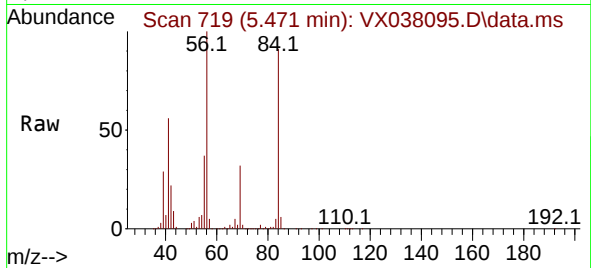
85 64.1 50.3 75.5





#31
Cyclohexane
Concen: 152.742 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

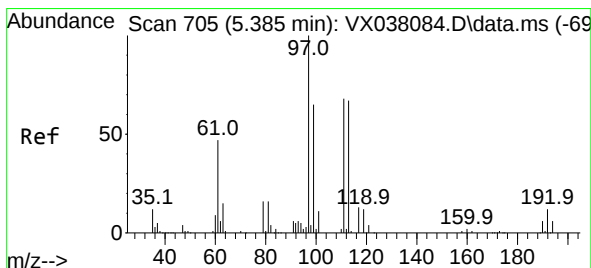
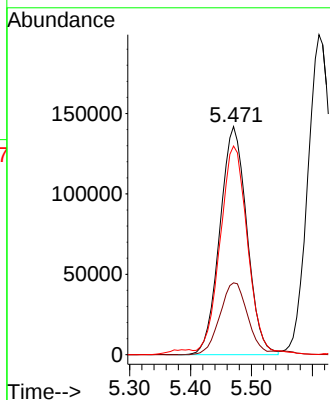
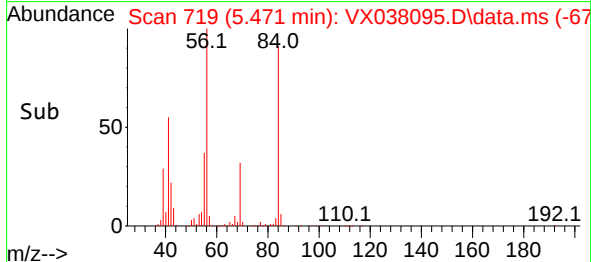
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 437488
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 89.8 65.9 98.9

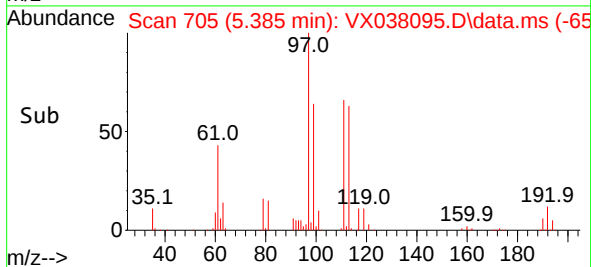
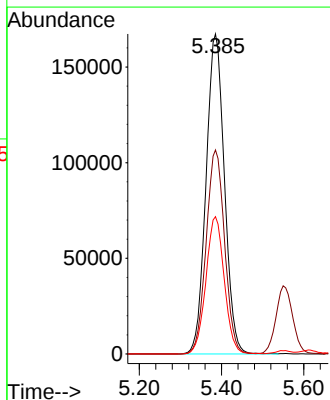
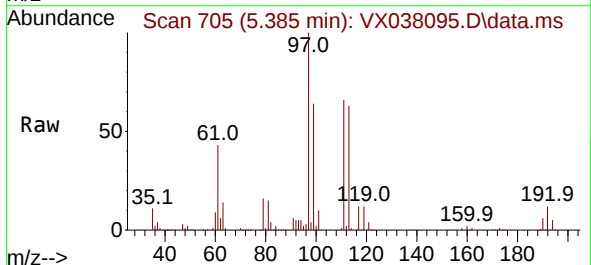
Manual Integrations
APPROVED

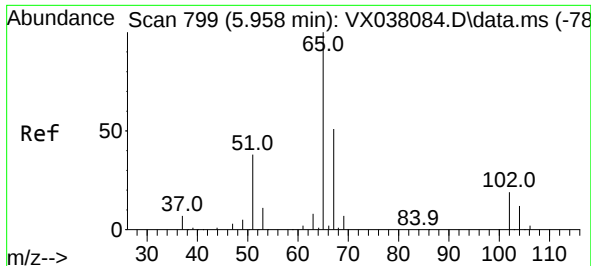
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#32
1,1,1-Trichloroethane
Concen: 161.911 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Tgt Ion: 97 Resp: 518826
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 43.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 145.999 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 385974

Ion Ratio Lower Upper

65 100

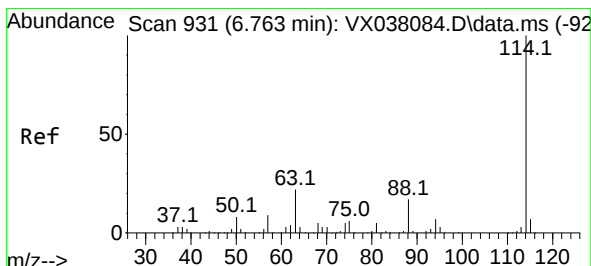
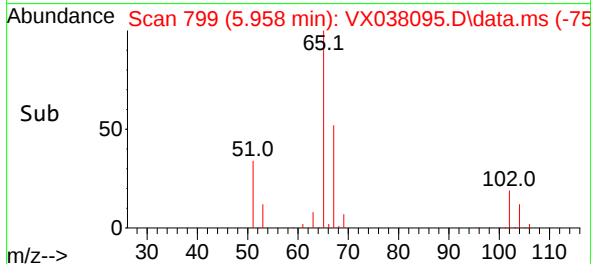
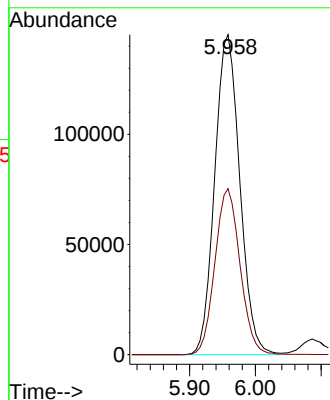
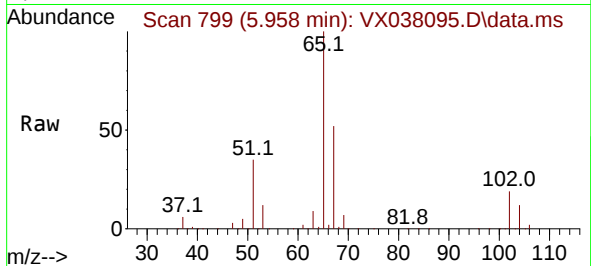
67 52.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

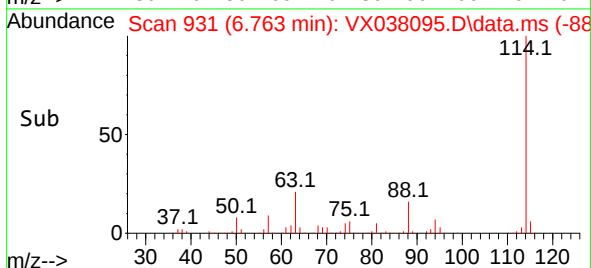
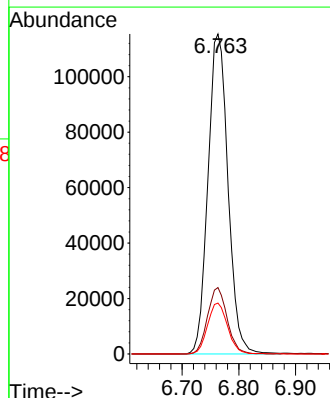
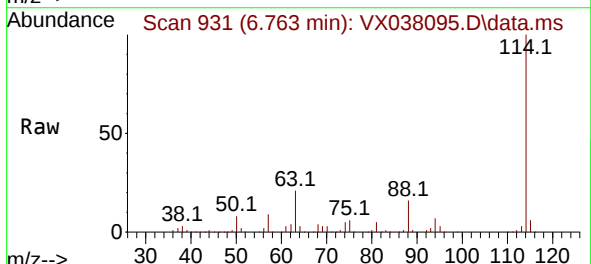
Tgt Ion:114 Resp: 282655

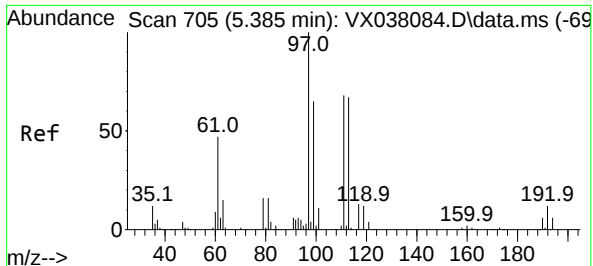
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

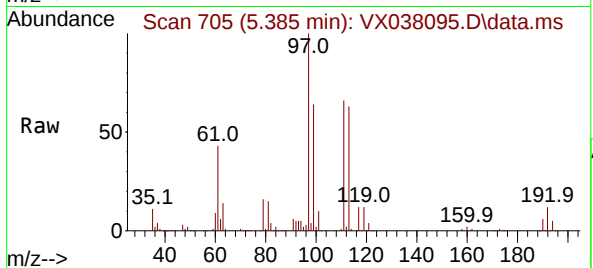
88 15.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 152.273 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

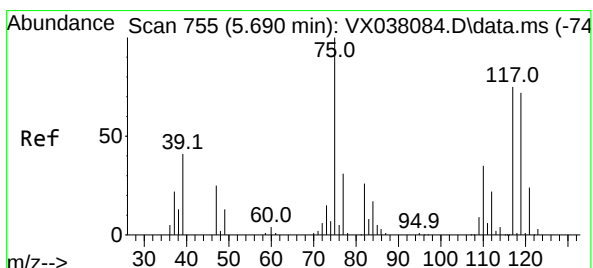
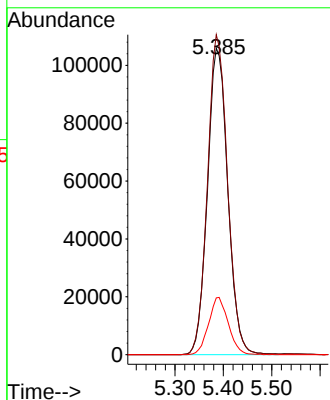
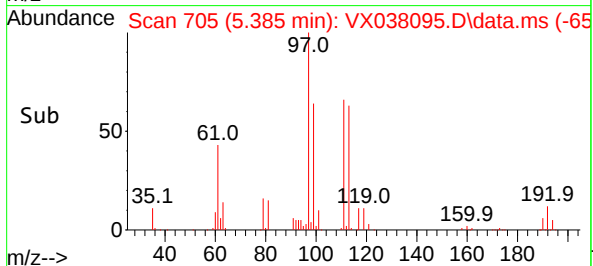
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



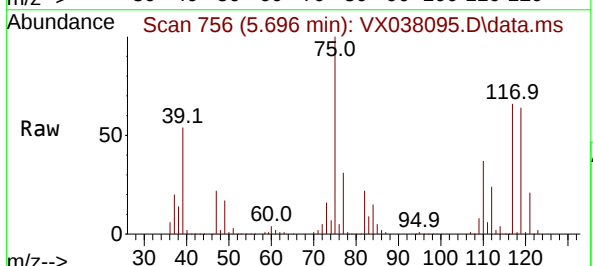
Tgt Ion:113 Resp: 31013
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.1 13.3 19.9

Manual Integrations
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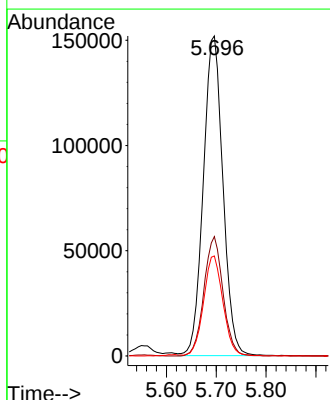
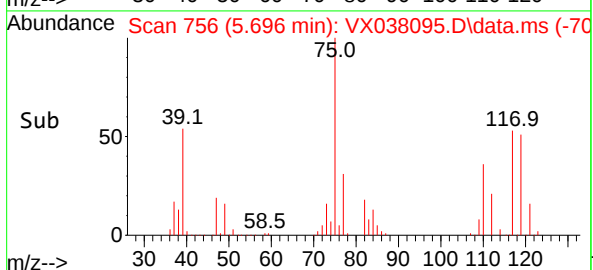
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

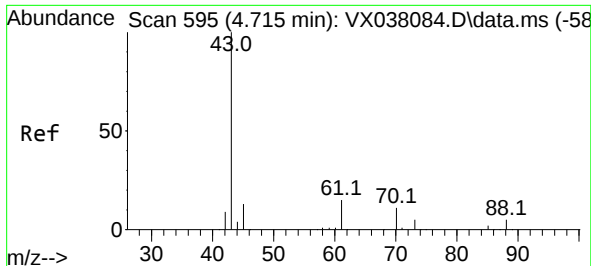


#36
1,1-Dichloropropene
Concen: 147.539 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



Tgt Ion: 75 Resp: 414375
Ion Ratio Lower Upper
75 100
110 36.5 17.0 50.9
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 148.394 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 49498

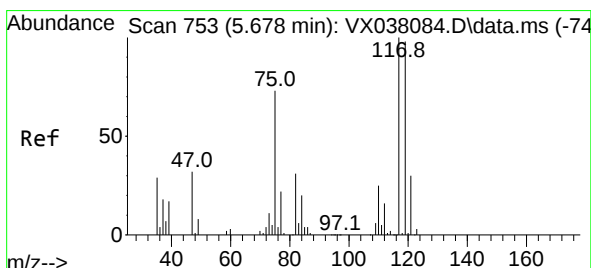
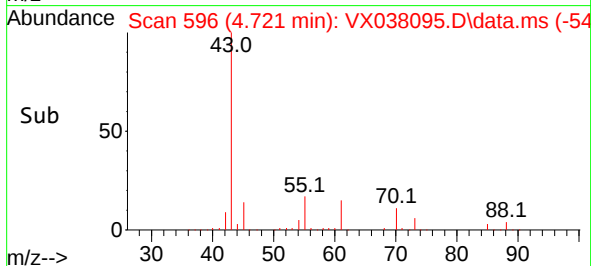
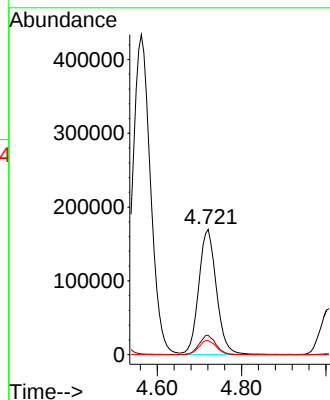
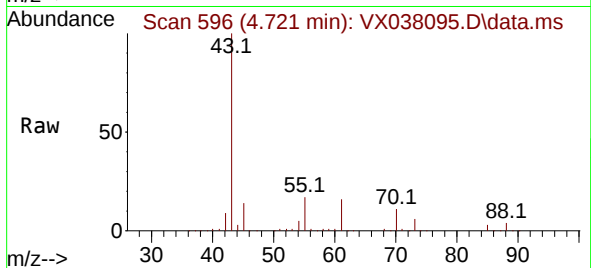
Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.6	16.0
70	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#38

Carbon Tetrachloride

Concen: 160.364 ug/l

RT: 5.678 min Scan# 753

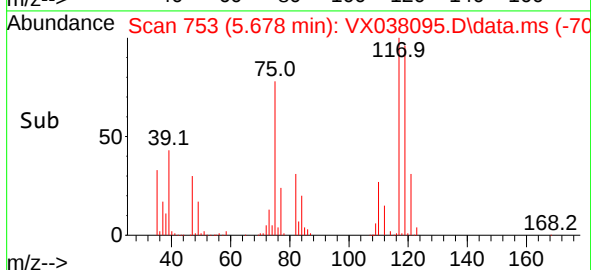
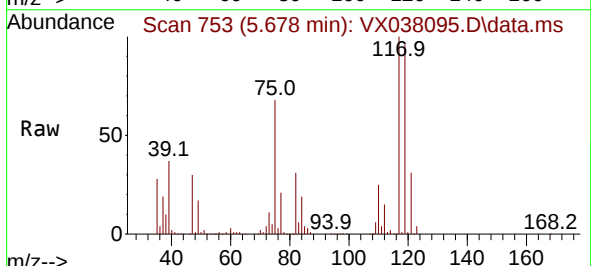
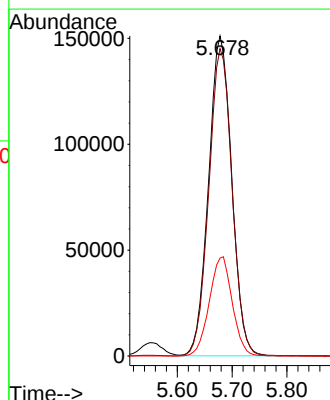
Delta R.T. 0.000 min

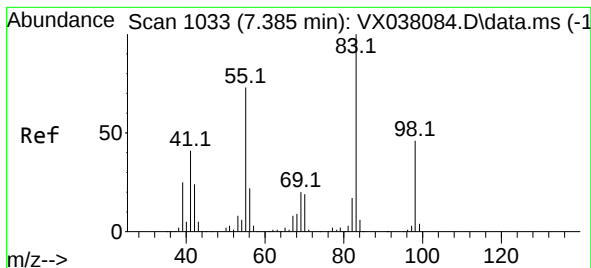
Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Tgt Ion:117 Resp: 443074

Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.2	117.2
121	30.6	24.4	36.6





#39

Methylcyclohexane

Concen: 153.926 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 50637

Ion Ratio Lower Upper

83 100

55 72.1 64.6 97.0

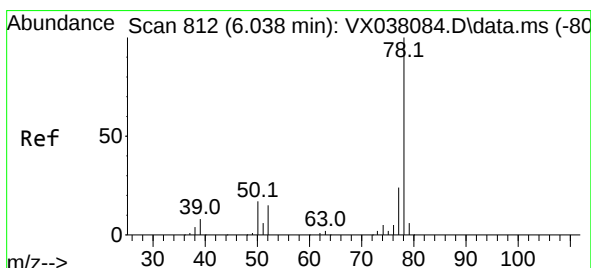
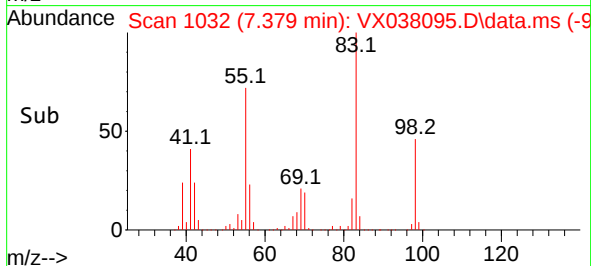
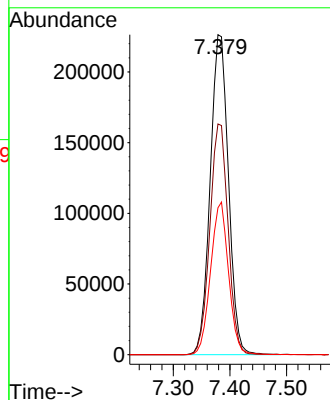
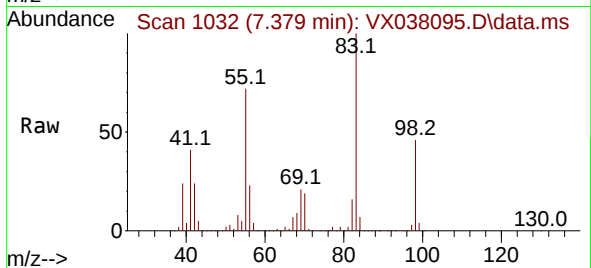
98 45.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#40

Benzene

Concen: 152.904 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038095.D

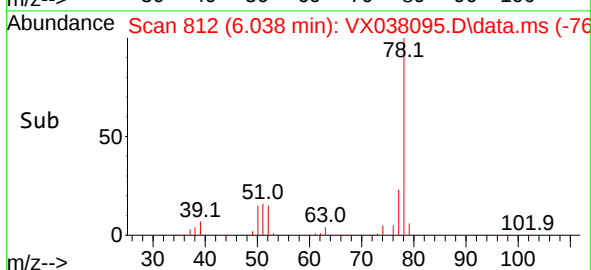
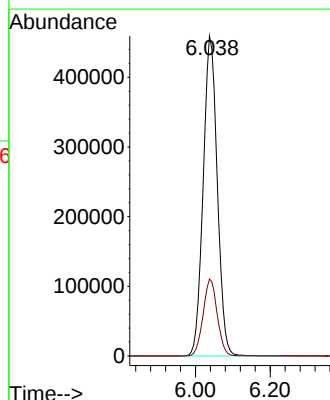
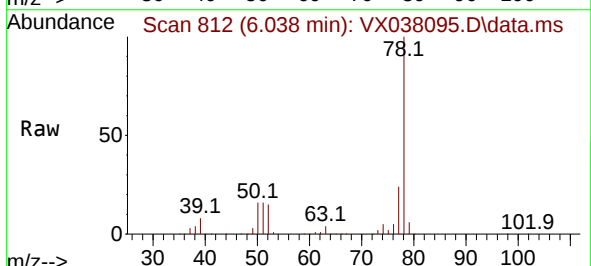
Acq: 05 Oct 2023 11:54

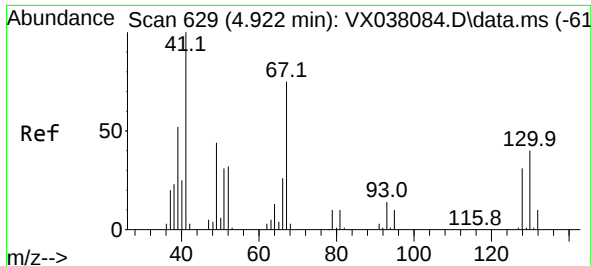
Tgt Ion: 78 Resp: 1201133

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 153.870 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

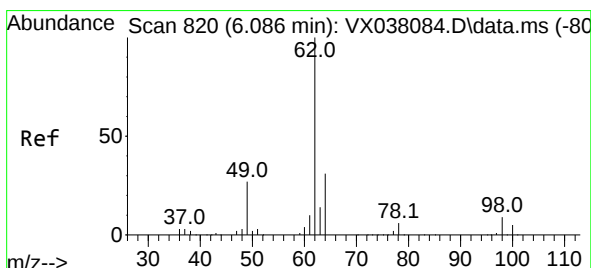
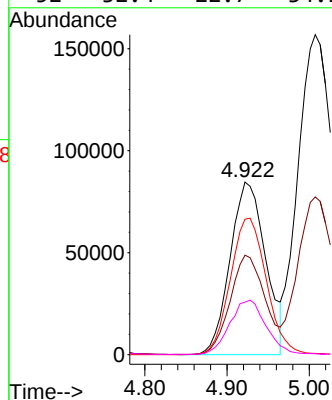
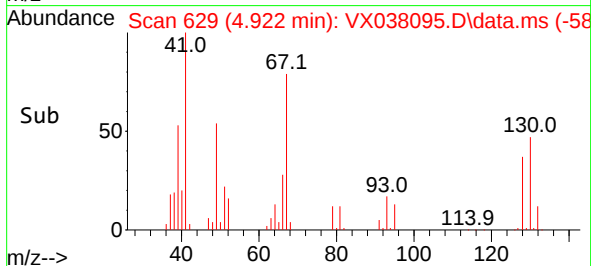
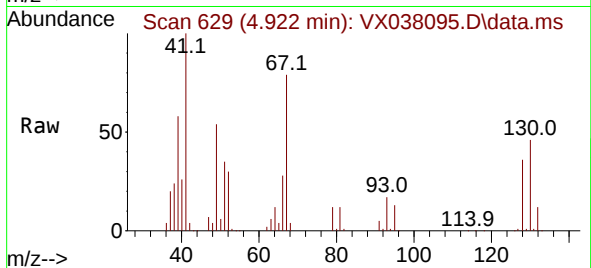
VSTDIC150

Tgt Ion: 41 Resp: 25532
Ion Ratio Lower Upper
41 100
39 56.4 45.2 67.8
67 80.3 52.6 78.8
52 32.4 22.7 34.1

Manual Integrations

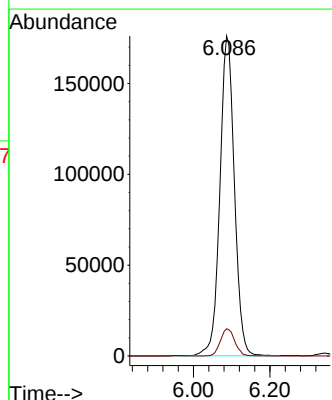
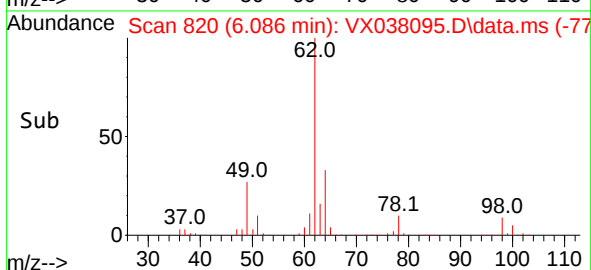
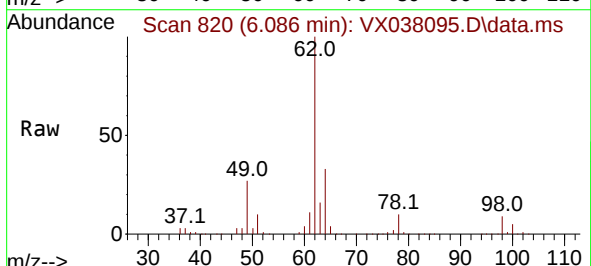
APPROVED

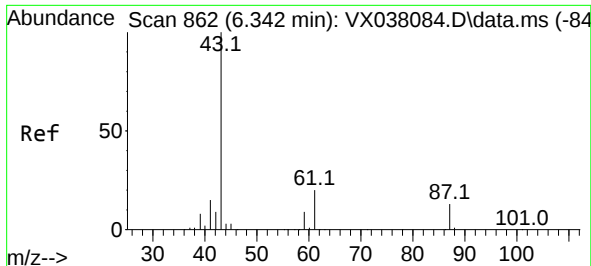
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#42
1,2-Dichloroethane
Concen: 147.942 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

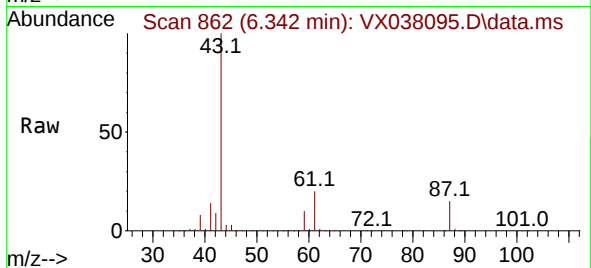
Tgt Ion: 62 Resp: 464323
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 156.554 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

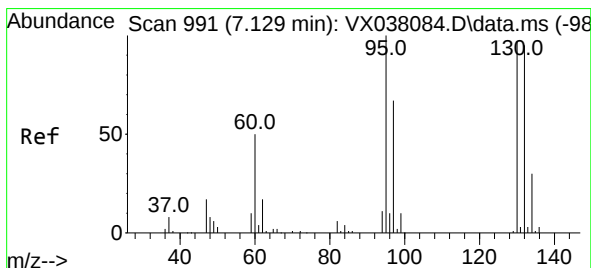
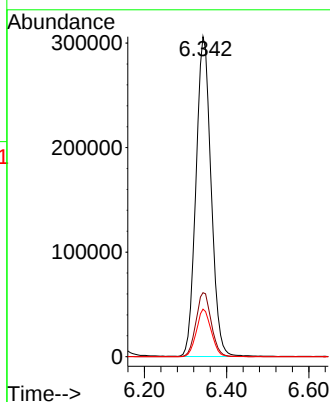
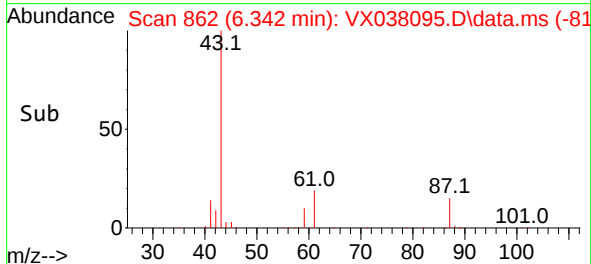
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



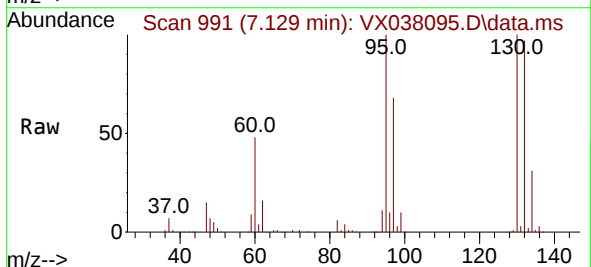
Tgt Ion: 43 Resp: 77955
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 14.6 9.8 14.6

Manual Integrations
APPROVED

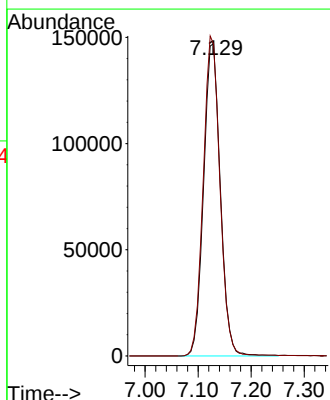
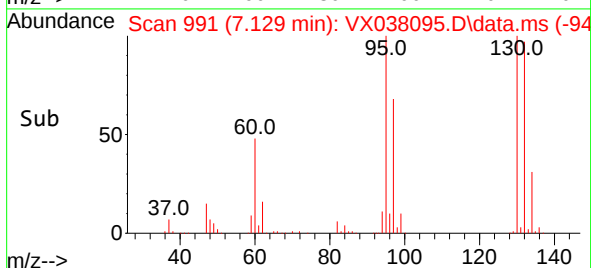
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

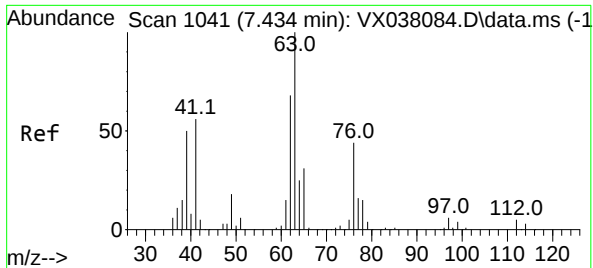


#44
Trichloroethene
Concen: 156.752 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



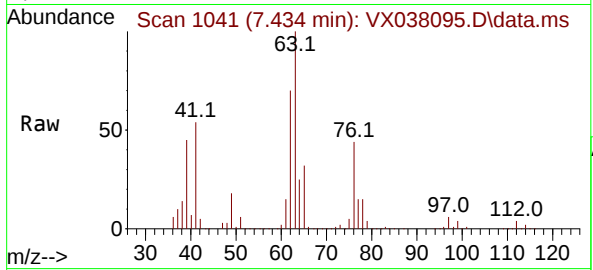
Tgt Ion:130 Resp: 322063
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.4





#45
1,2-Dichloropropane
Concen: 150.172 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

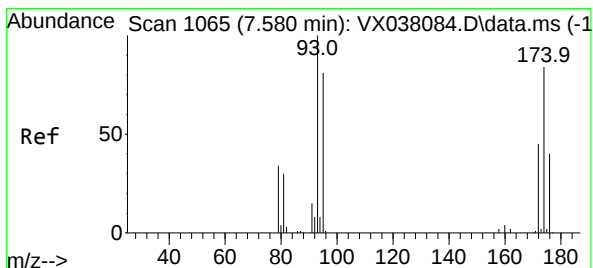
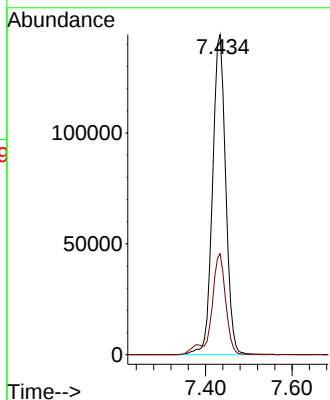
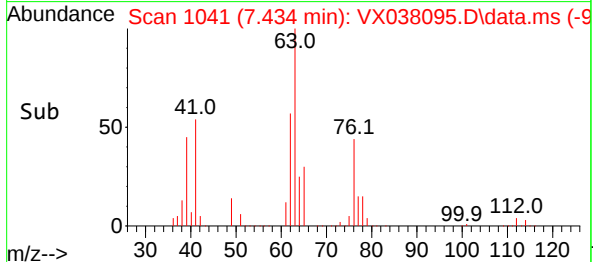
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 305320
Ion Ratio Lower Upper
63 100
65 31.5 24.3 36.5

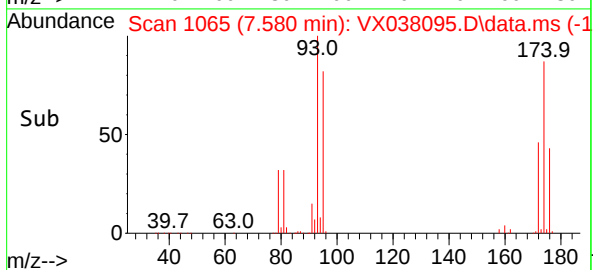
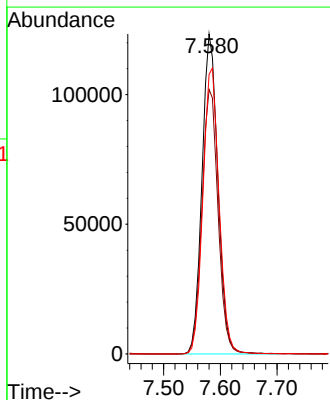
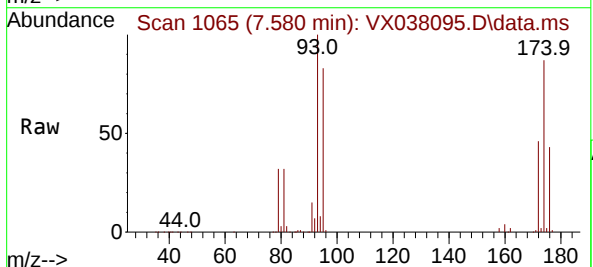
Manual Integrations
APPROVED

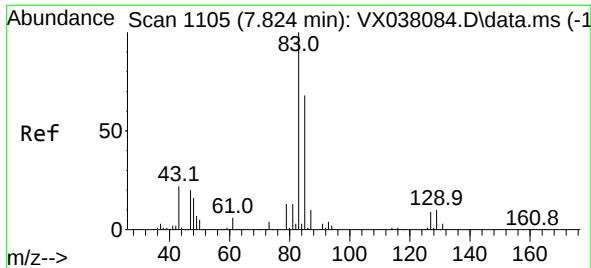
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#46
Dibromomethane
Concen: 152.730 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

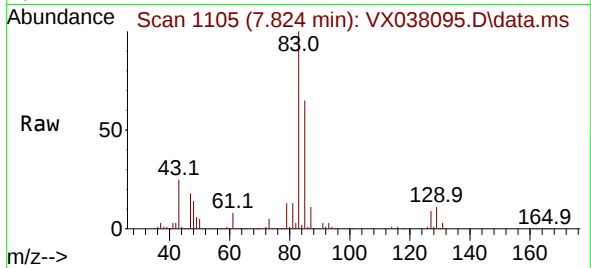
Tgt Ion: 93 Resp: 240837
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 90.8 69.4 104.0





#47
Bromodichloromethane
Concen: 163.036 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

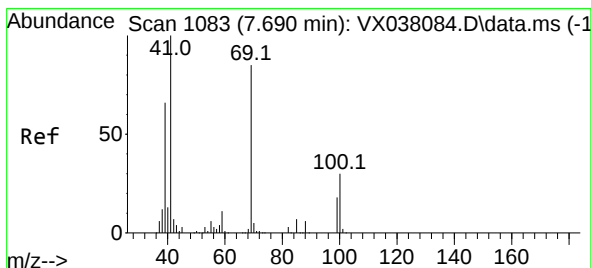
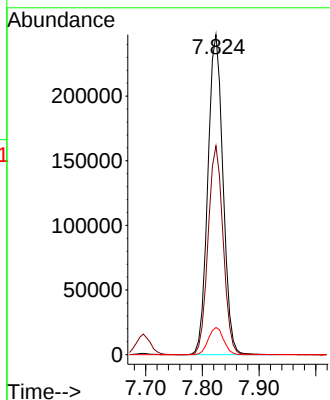
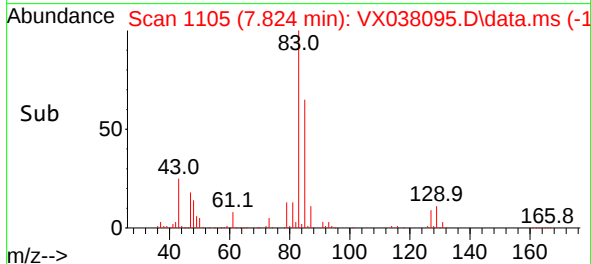
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 457349
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 8.5 7.1 10.7

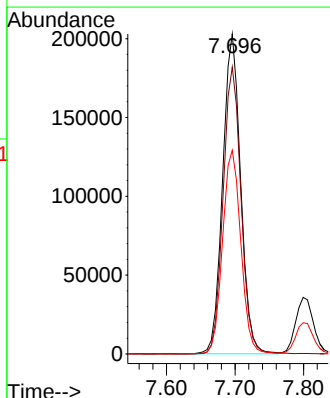
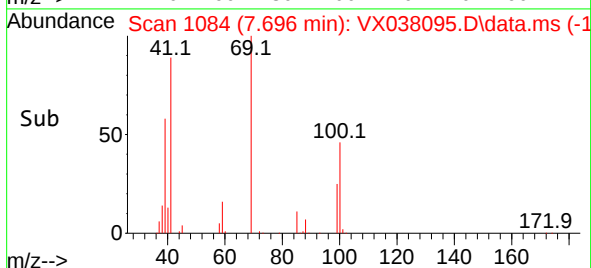
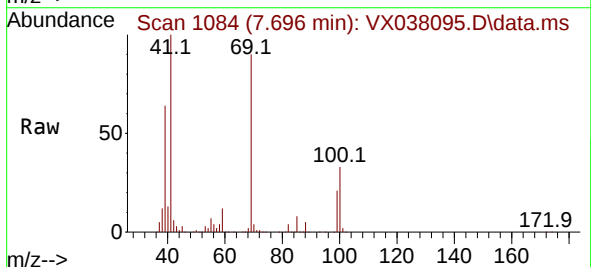
Manual Integrations
APPROVED

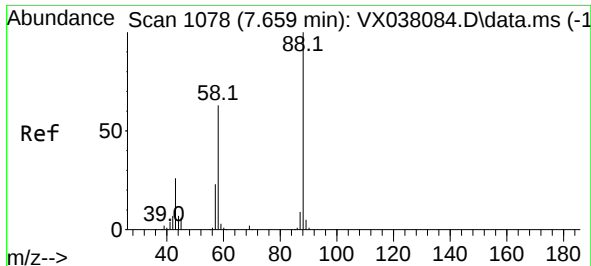
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#48
Methyl methacrylate
Concen: 155.046 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Tgt Ion: 41 Resp: 368563
Ion Ratio Lower Upper
41 100
69 89.9 59.2 88.8
39 64.7 47.7 71.5





#49

1,4-Dioxane

Concen: 2943.390 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 172410

Ion Ratio Lower Upper

88 100

43 29.8 0.0 0.0

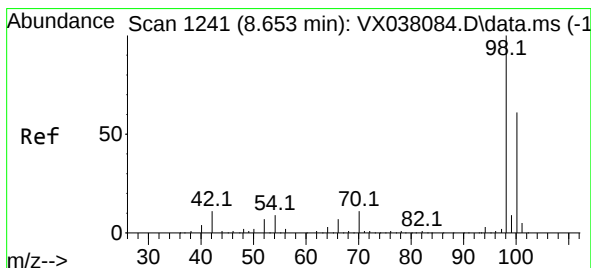
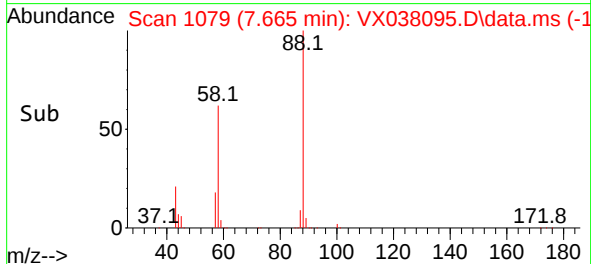
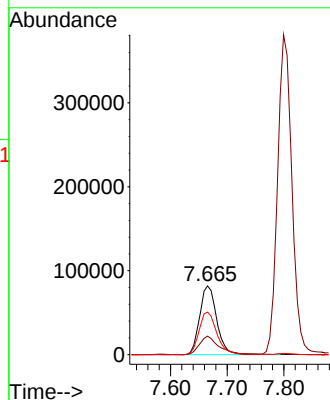
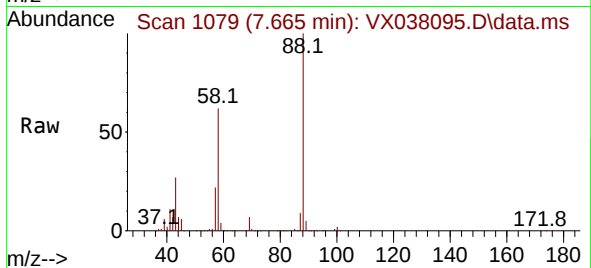
58 64.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 152.452 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX038095.D

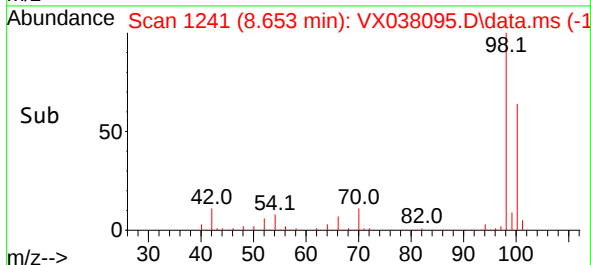
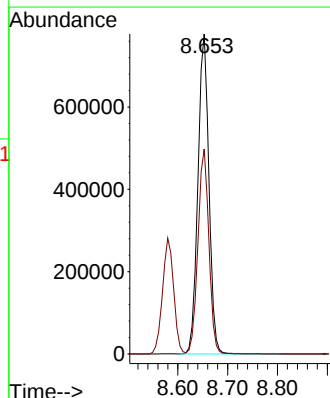
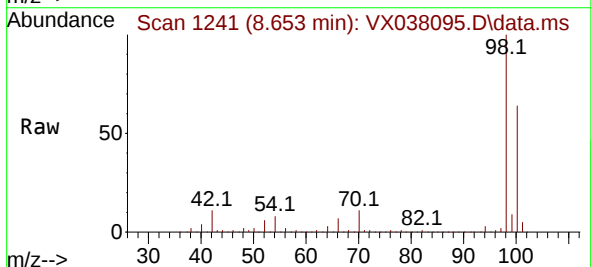
Acq: 05 Oct 2023 11:54

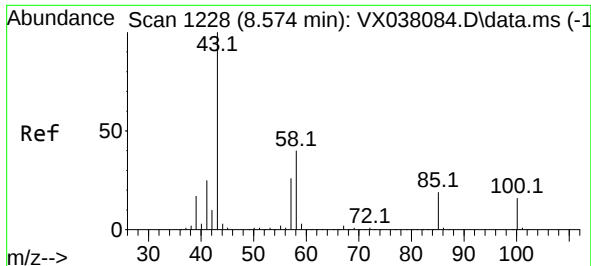
Tgt Ion: 98 Resp: 1186502

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 736.891 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 2530950

Ion Ratio Lower Upper

43 100

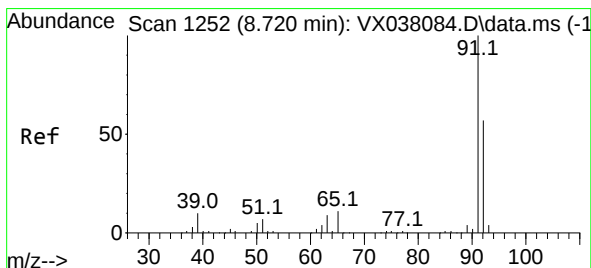
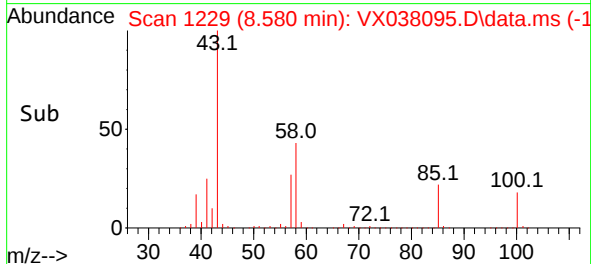
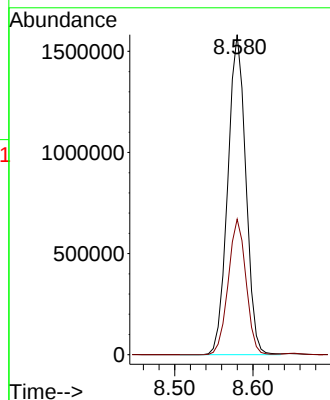
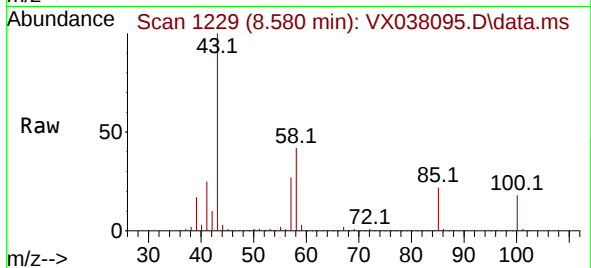
58 41.7 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#52

Toluene

Concen: 159.399 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038095.D

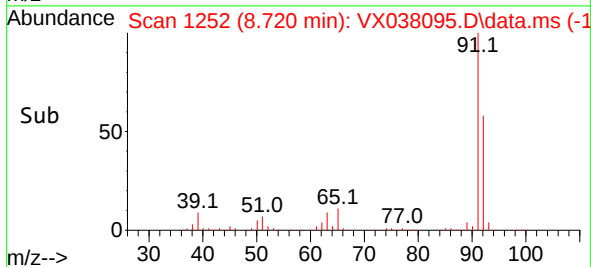
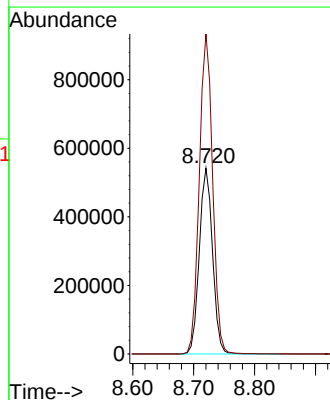
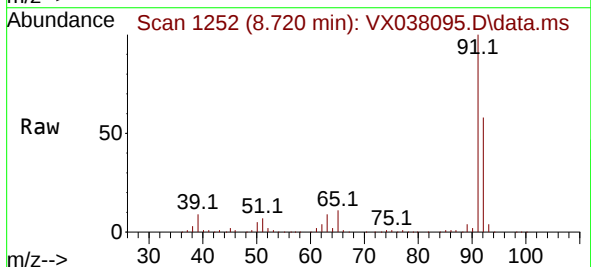
Acq: 05 Oct 2023 11:54

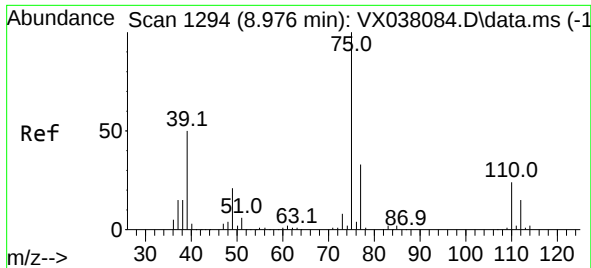
Tgt Ion: 92 Resp: 815663

Ion Ratio Lower Upper

92 100

91 173.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 174.508 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

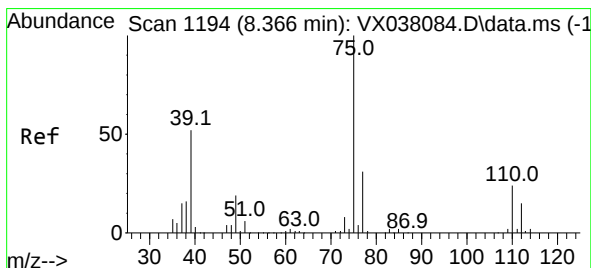
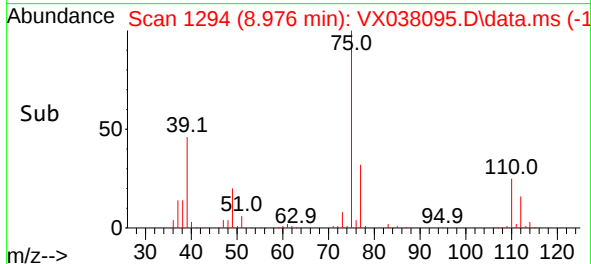
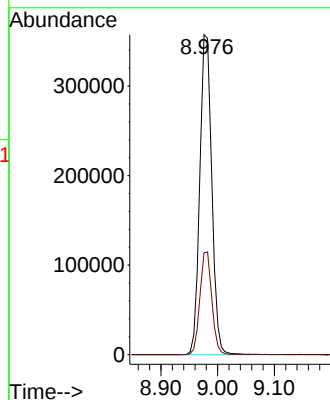
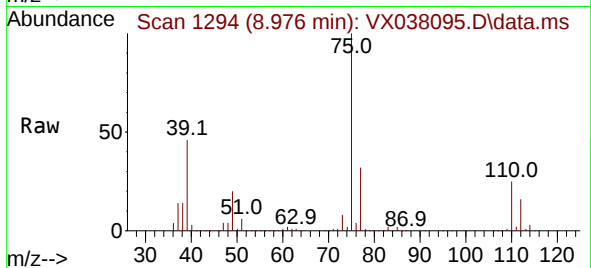
VSTDICC150

Tgt Ion: 75 Resp: 525462
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5

Manual Integrations

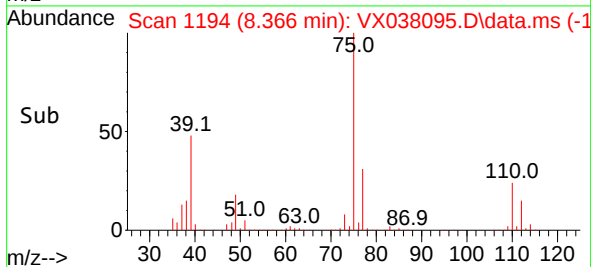
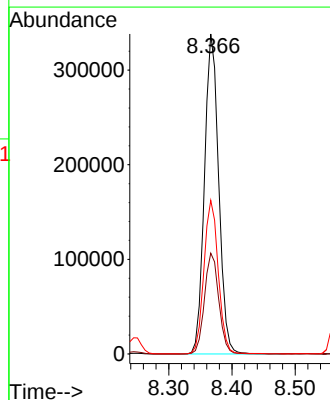
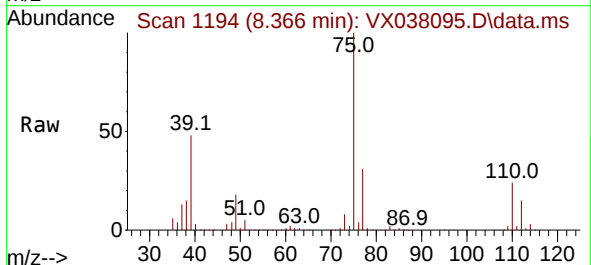
APPROVED

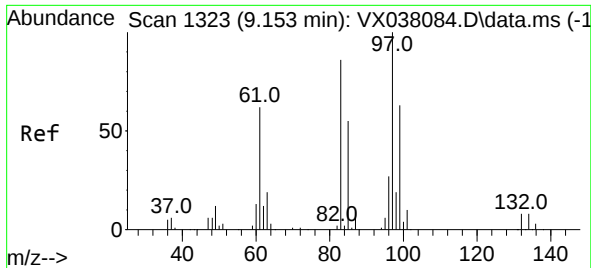
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#54
cis-1,3-Dichloropropene
Concen: 167.710 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

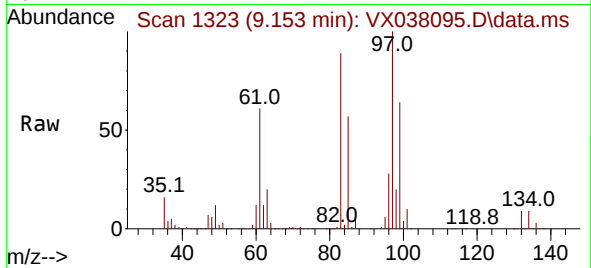
Tgt Ion: 75 Resp: 530565
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 48.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 154.517 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

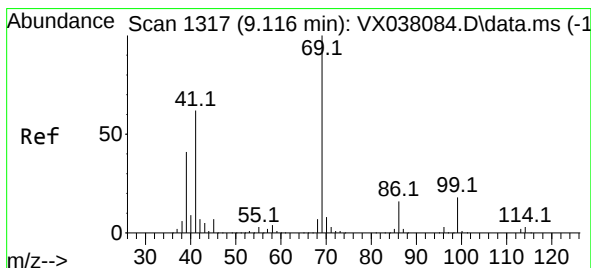
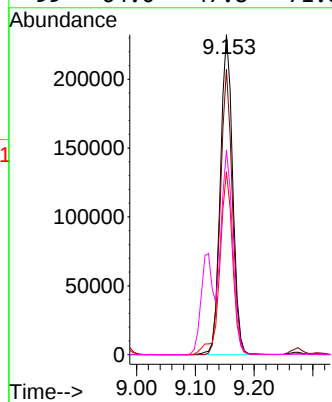
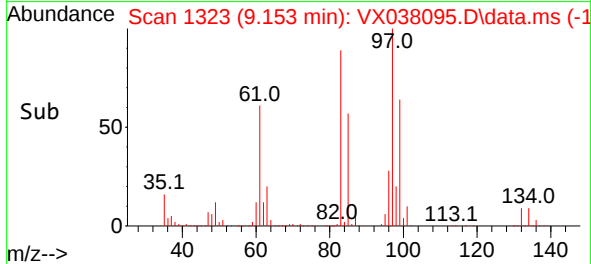
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



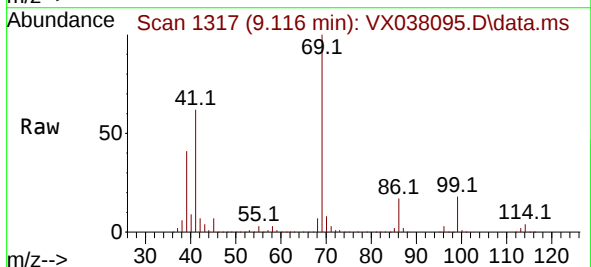
Tgt Ion: 97 Resp: 338198
Ion Ratio Lower Upper
97 100
83 89.2 65.8 98.8
85 57.2 41.6 62.4
99 64.0 47.8 71.8

Manual Integrations
APPROVED

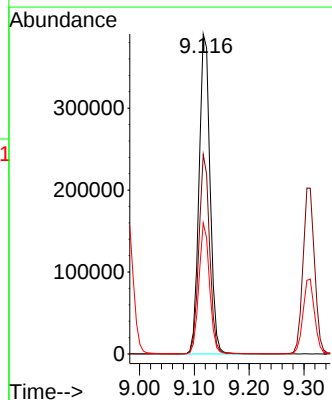
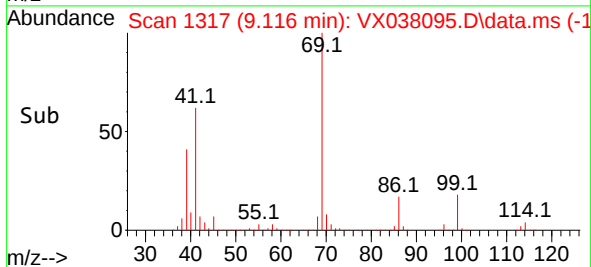
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

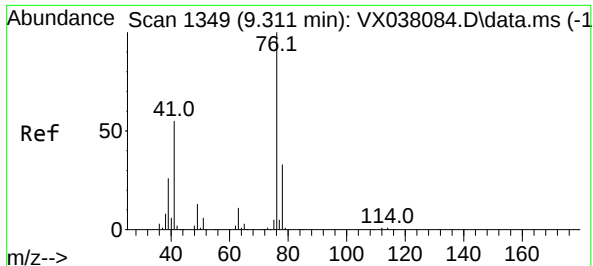


#56
Ethyl methacrylate
Concen: 162.999 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



Tgt Ion: 69 Resp: 546994
Ion Ratio Lower Upper
69 100
41 60.8 56.8 85.2
39 39.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 152.981 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 541550

Ion Ratio Lower Upper

76 100

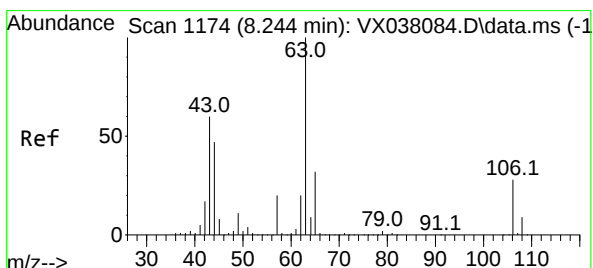
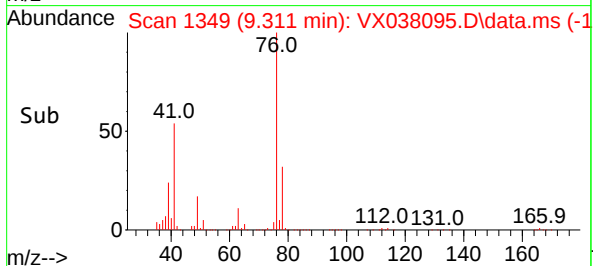
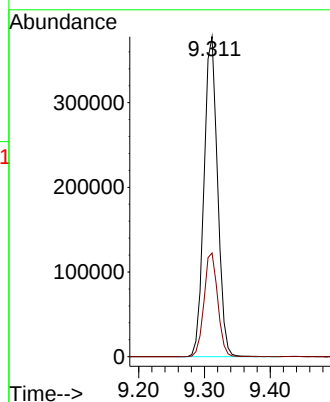
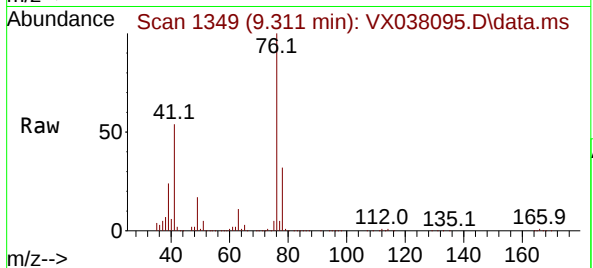
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 776.249 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX038095.D

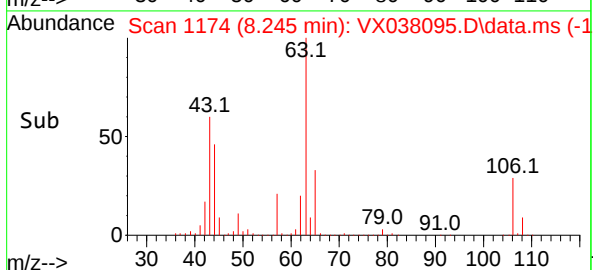
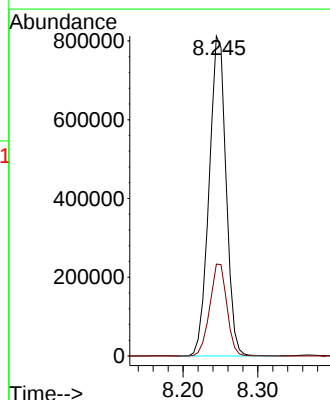
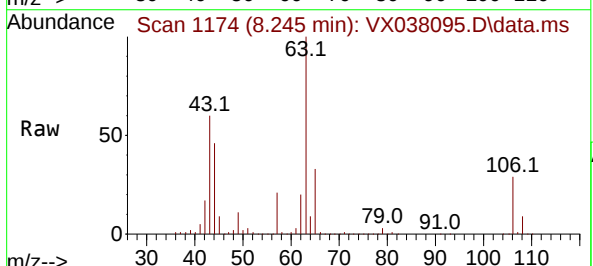
Acq: 05 Oct 2023 11:54

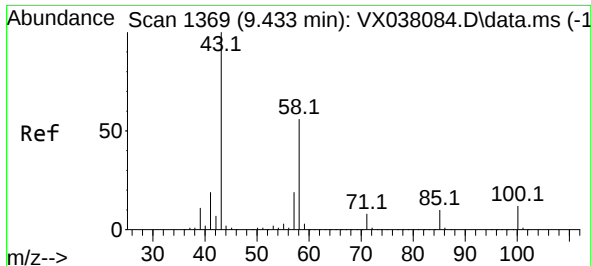
Tgt Ion: 63 Resp: 1278661

Ion Ratio Lower Upper

63 100

106 28.9 22.5 33.7





#59

2-Hexanone

Concen: 735.343 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 2030420

Ion Ratio Lower Upper

43 100

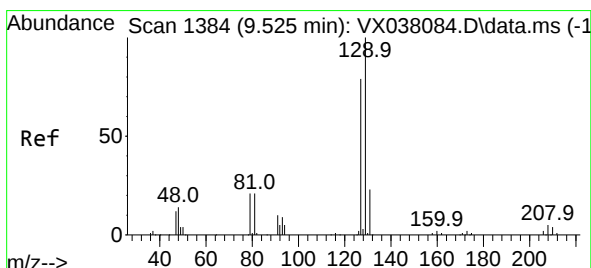
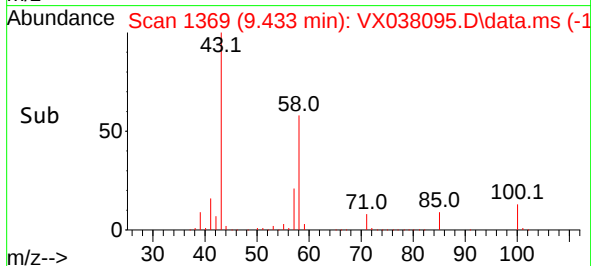
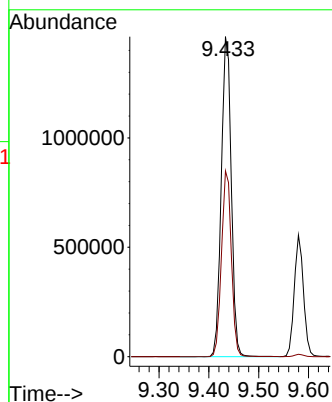
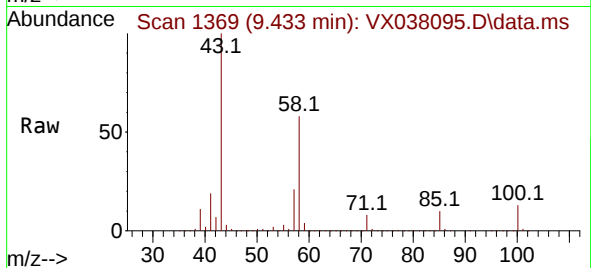
58 57.5 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#60

Dibromochloromethane

Concen: 175.383 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX038095.D

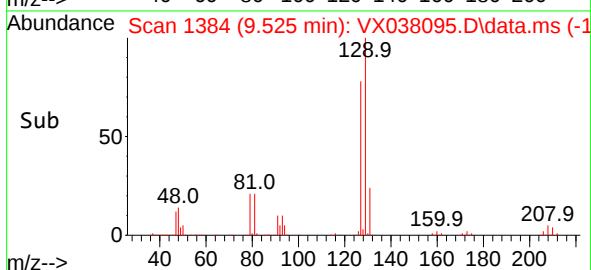
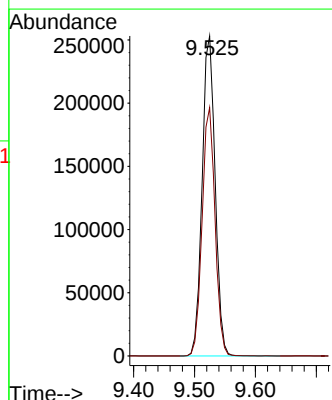
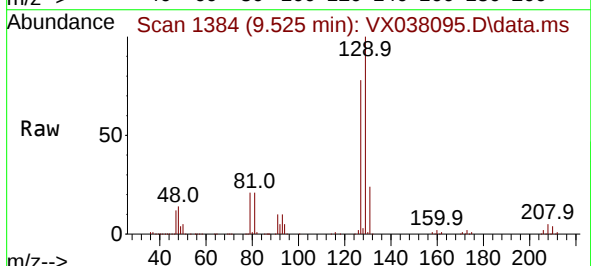
Acq: 05 Oct 2023 11:54

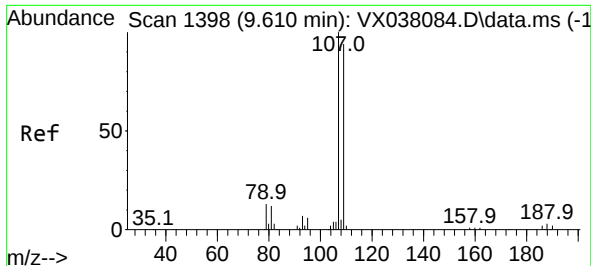
Tgt Ion:129 Resp: 375693

Ion Ratio Lower Upper

129 100

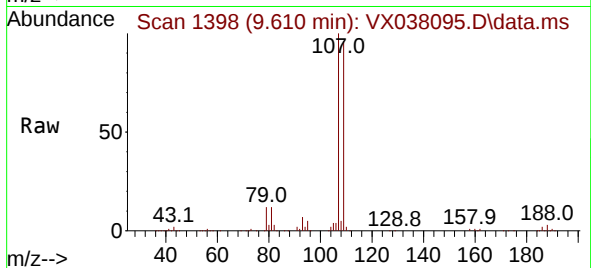
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 158.631 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

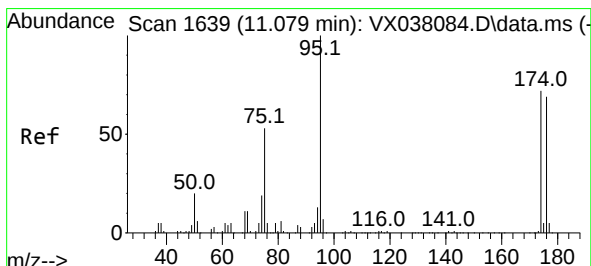
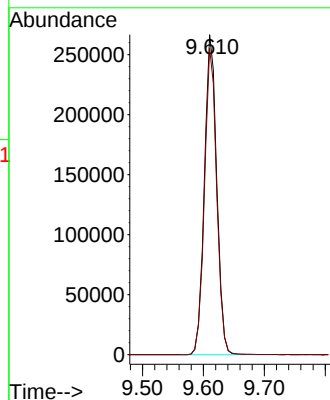
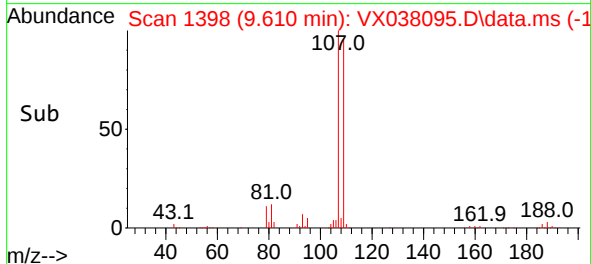
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



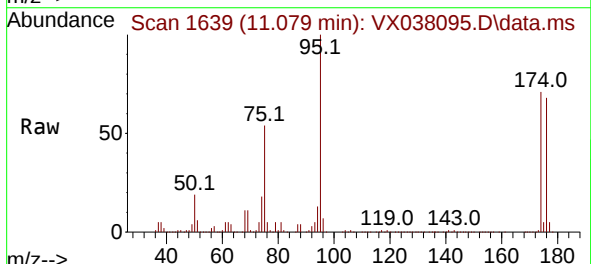
Tgt Ion:107 Resp: 37546
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

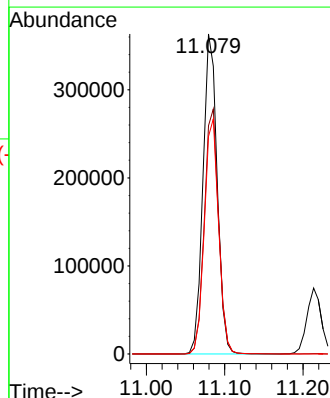
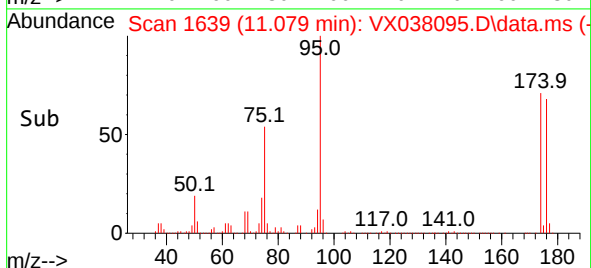
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

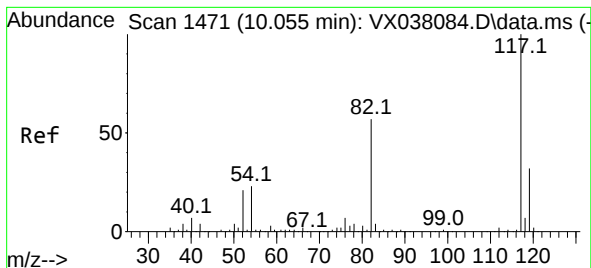


#62
4-Bromofluorobenzene
Concen: 154.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



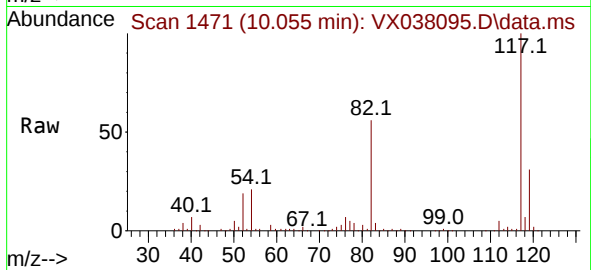
Tgt Ion: 95 Resp: 456647
Ion Ratio Lower Upper
95 100
174 77.0 0.0 135.6
176 74.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

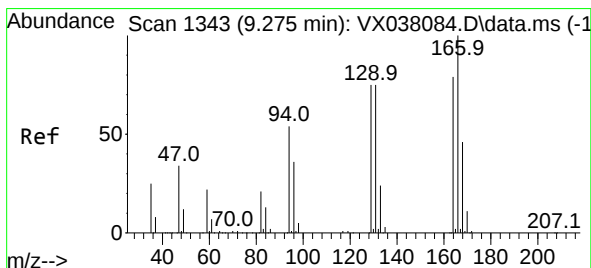
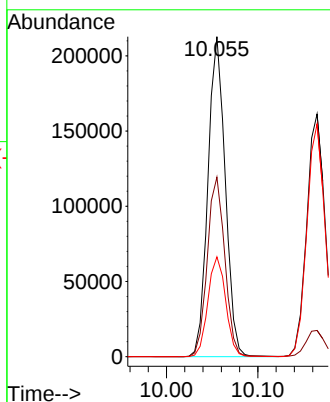
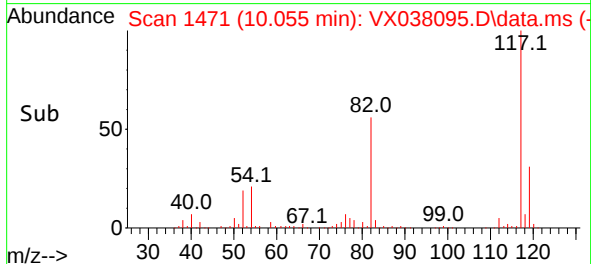
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 279164
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 31.2 25.5 38.3

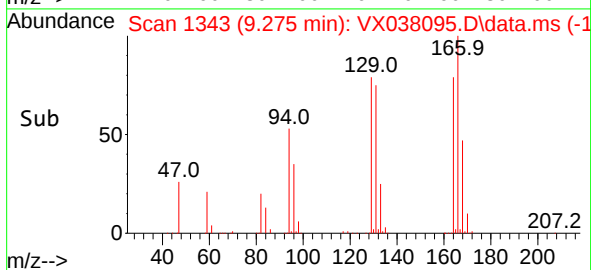
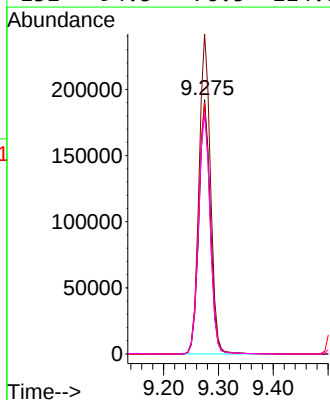
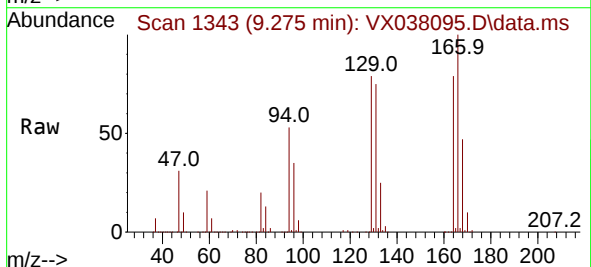
Manual Integrations
APPROVED

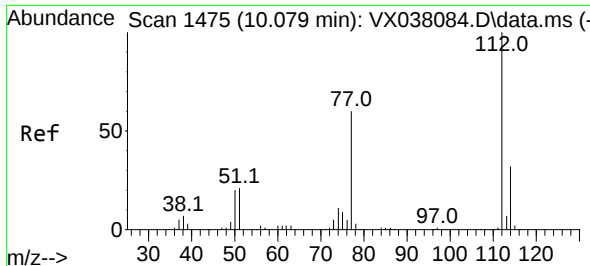
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 153.229 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

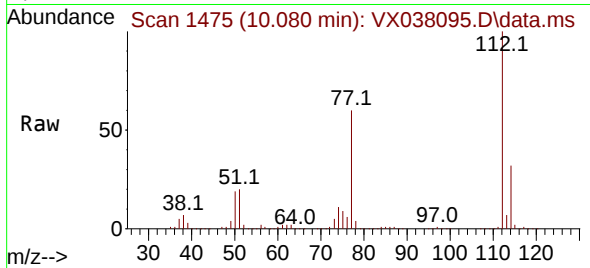
Tgt Ion:164 Resp: 276920
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 98.9 80.4 120.6
131 94.5 76.5 114.7





#65
Chlorobenzene
Concen: 149.274 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

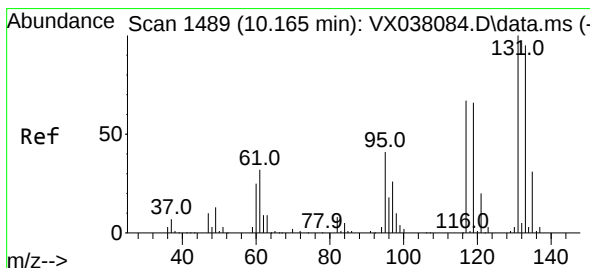
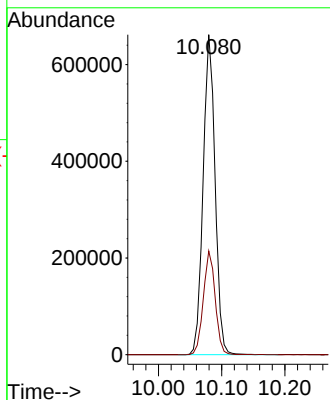
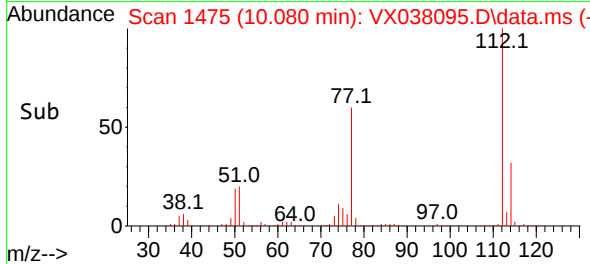
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



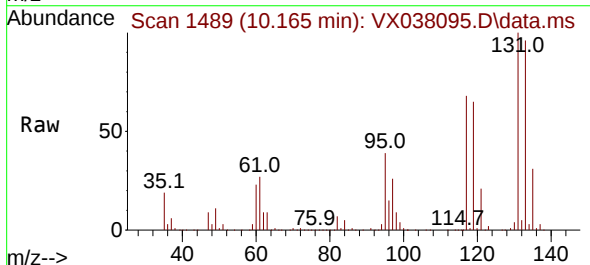
Tgt Ion:112 Resp: 872000
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

Manual Integrations
APPROVED

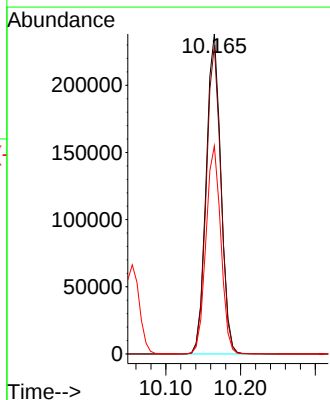
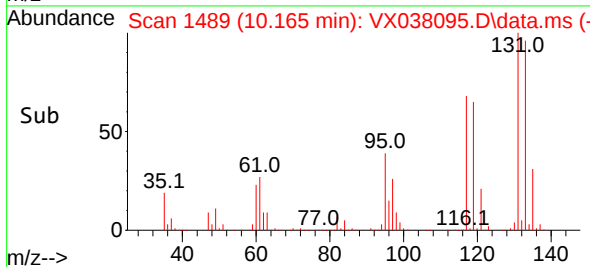
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

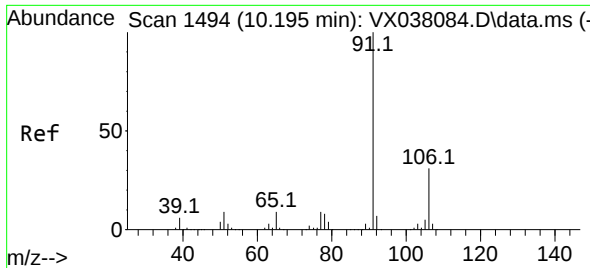


#66
1,1,1,2-Tetrachloroethane
Concen: 164.945 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



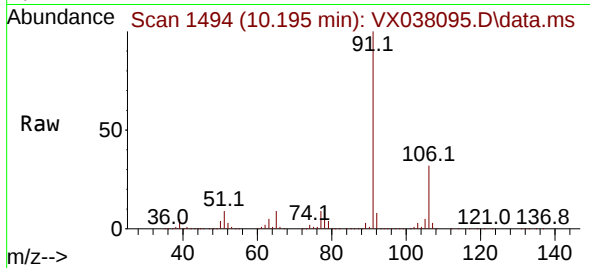
Tgt Ion:131 Resp: 325827
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 65.6 32.2 96.6





#67
Ethyl Benzene
Concen: 152.779 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

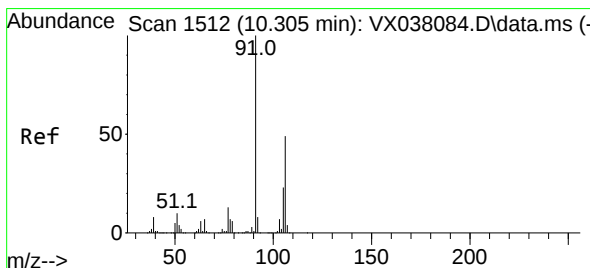
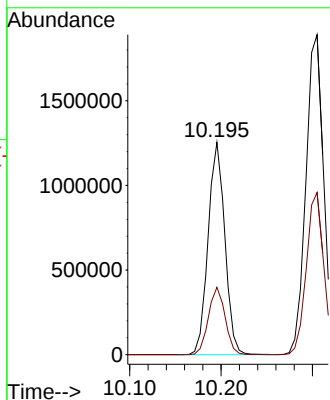
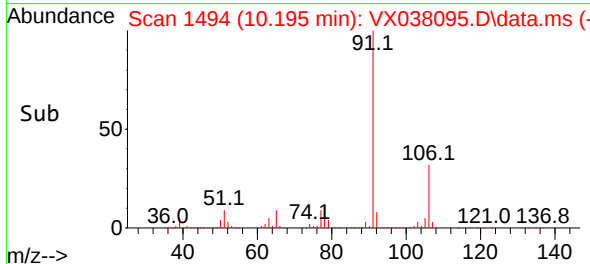
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1593060
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

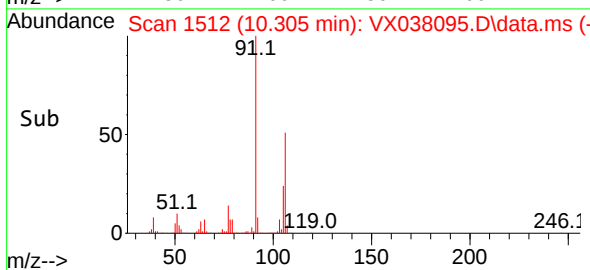
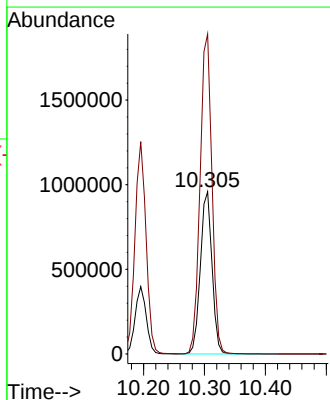
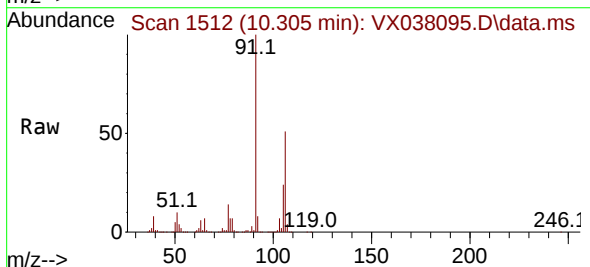
Manual Integrations
APPROVED

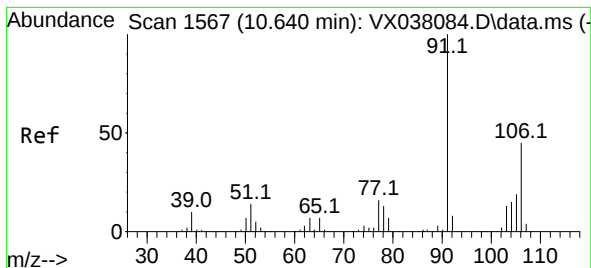
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#68
m/p-Xylenes
Concen: 315.007 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Tgt Ion:106 Resp: 1270066
Ion Ratio Lower Upper
106 100
91 201.0 165.5 248.3





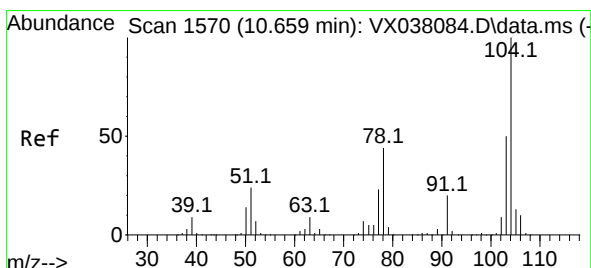
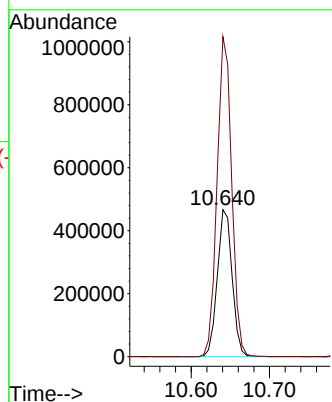
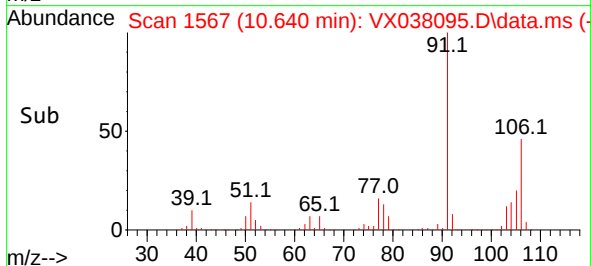
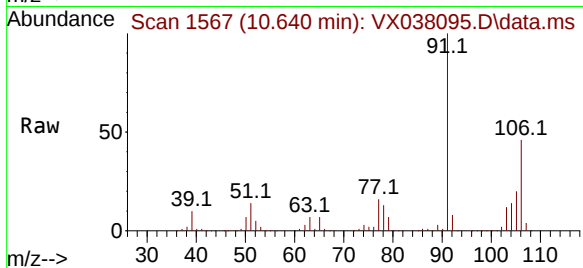
#69
o-Xylene
Concen: 155.917 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 61354
Ion Ratio Lower Upper
106 100
91 215.2 108.9 326.8

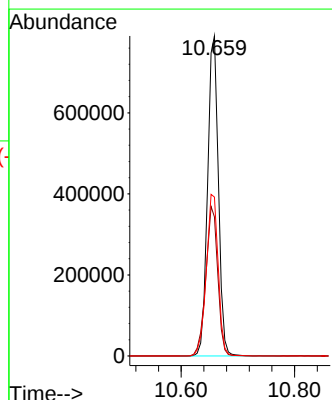
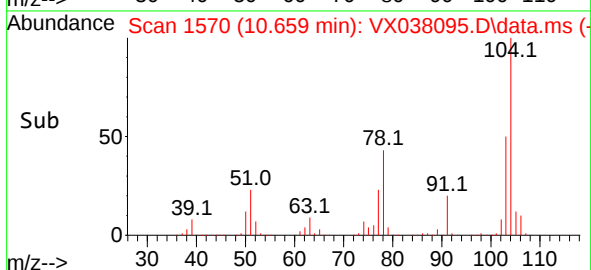
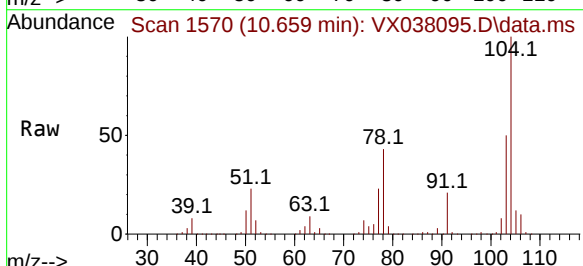
Manual Integrations
APPROVED

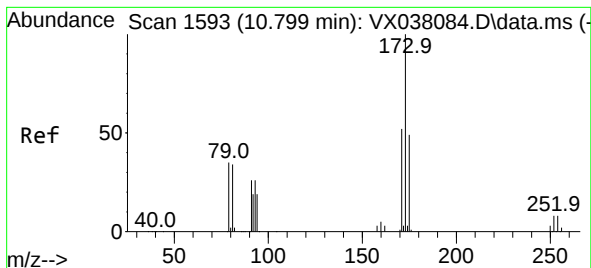
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 162.482 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Tgt Ion:104 Resp: 1041244
Ion Ratio Lower Upper
104 100
78 51.6 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 152.756 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 291364

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

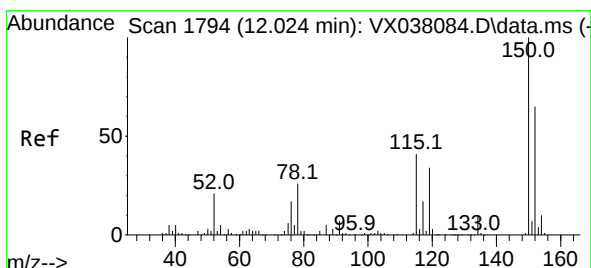
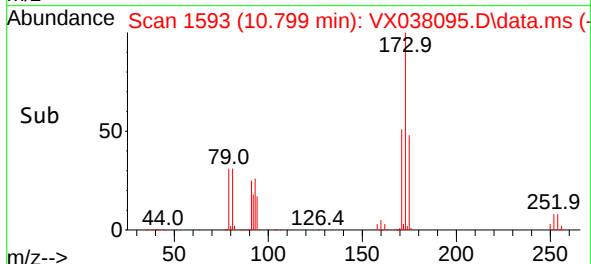
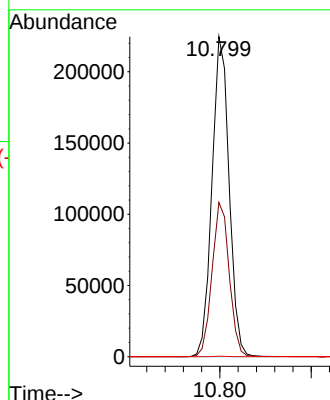
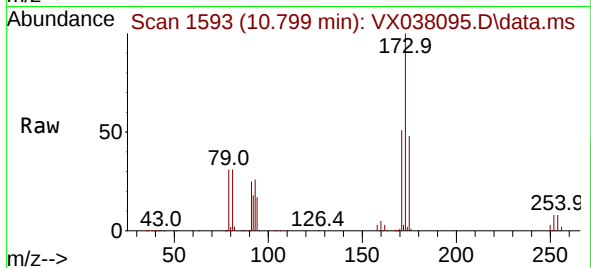
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

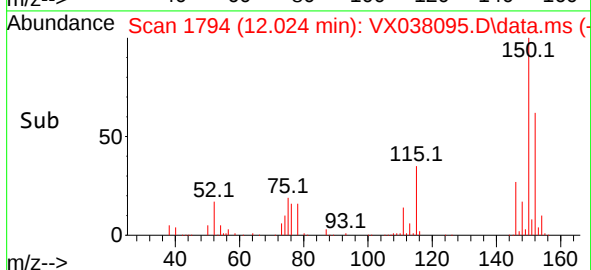
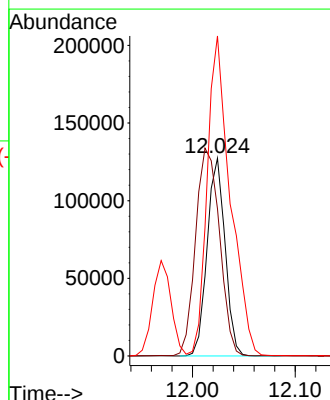
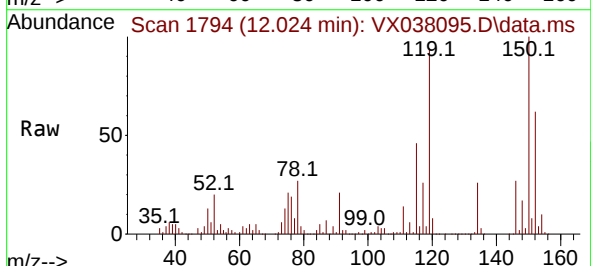
Tgt Ion:152 Resp: 154769

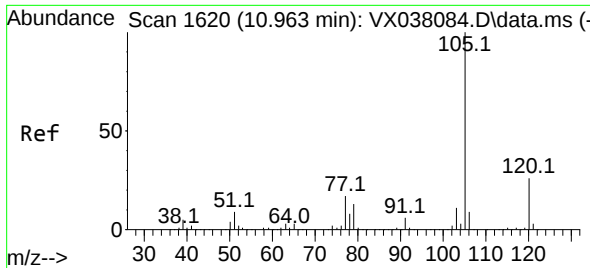
Ion Ratio Lower Upper

152 100

115 140.5 43.3 129.9

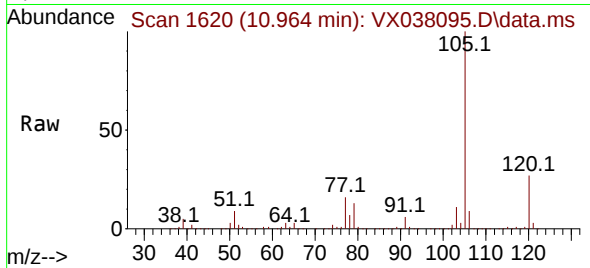
150 207.6 0.0 345.0





#73
Isopropylbenzene
Concen: 154.455 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

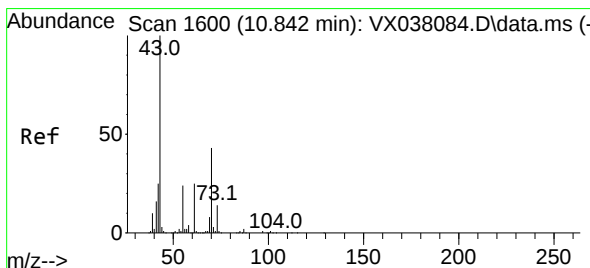
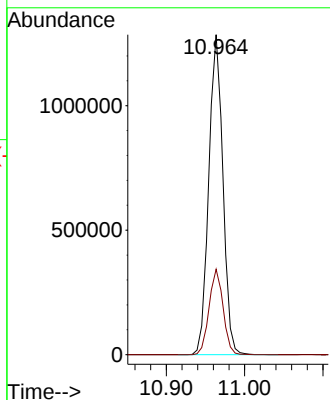
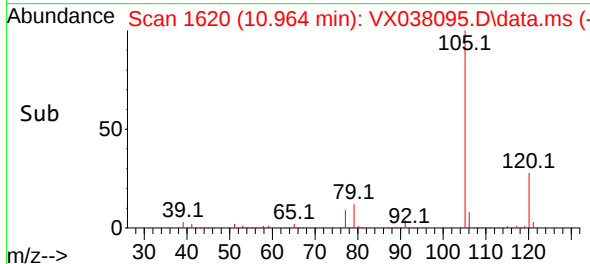
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



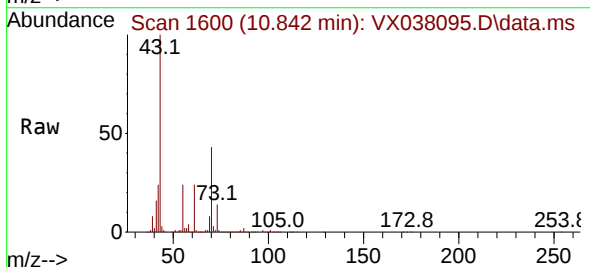
Tgt Ion:105 Resp: 1603129
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

Manual Integrations
APPROVED

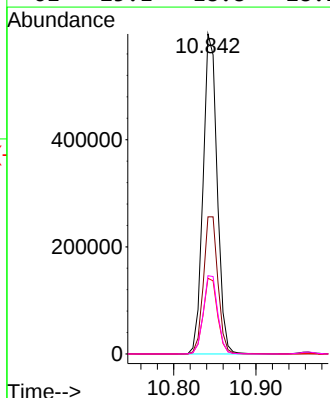
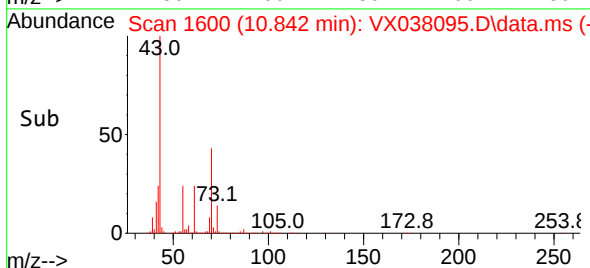
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

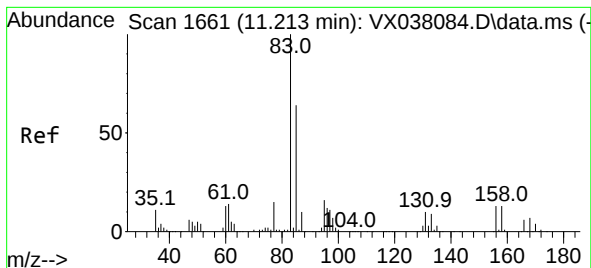


#74
N-ethyl acetate
Concen: 160.248 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



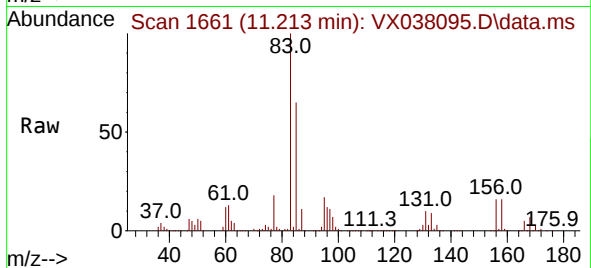
Tgt Ion: 43 Resp: 710271
Ion Ratio Lower Upper
43 100
70 44.1 32.9 49.3
55 24.0 19.3 28.9
61 25.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 149.708 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

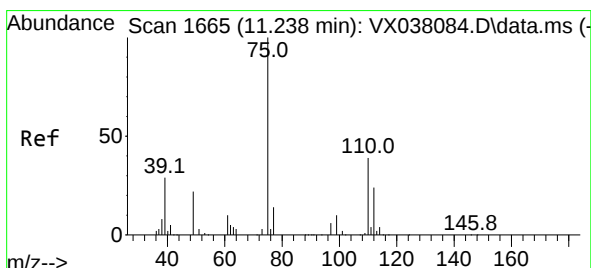
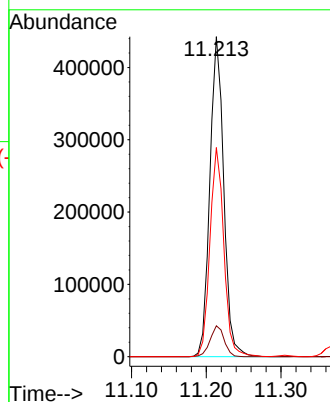
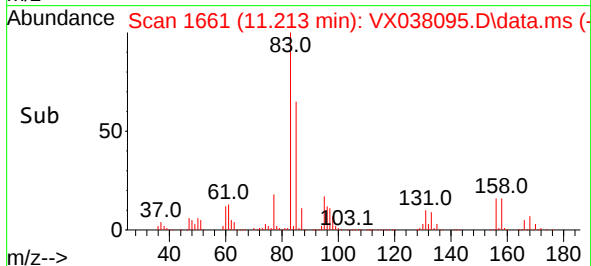
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



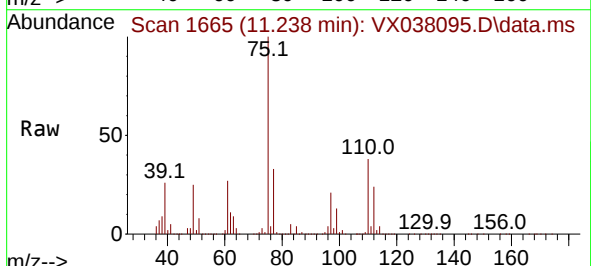
Tgt Ion: 83 Resp: 570170
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 65.5 32.0 96.2

Manual Integrations
APPROVED

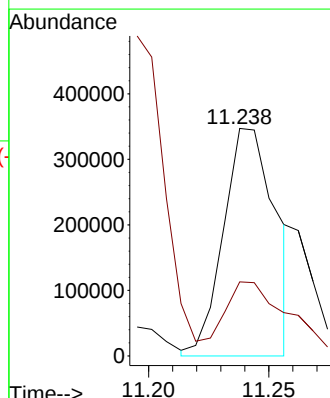
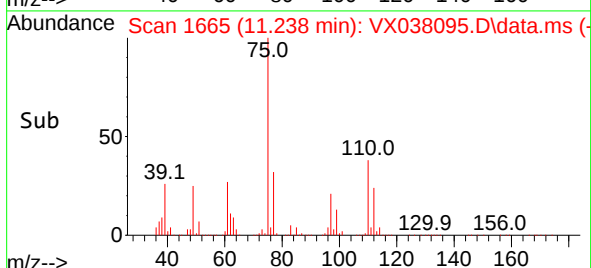
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

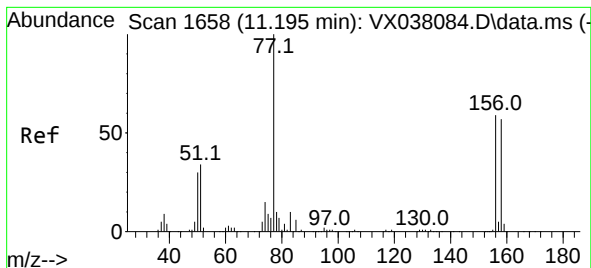


#76
1,2,3-Trichloropropane
Concen: 148.740 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



Tgt Ion: 75 Resp: 523338
Ion Ratio Lower Upper
75 100
77 40.6 19.1 57.5





#77

Bromobenzene

Concen: 152.530 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

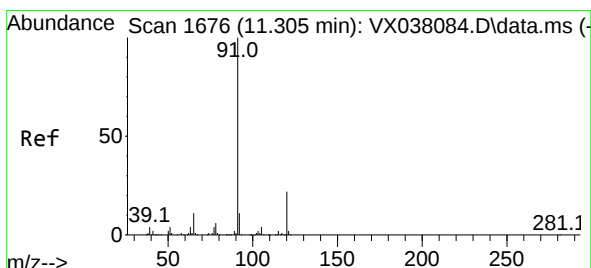
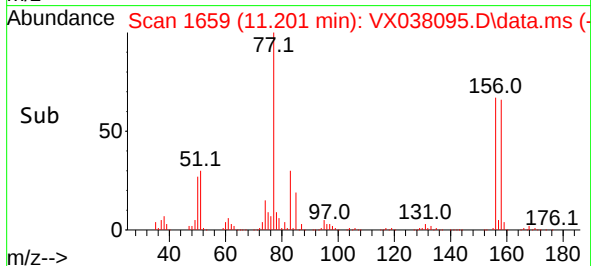
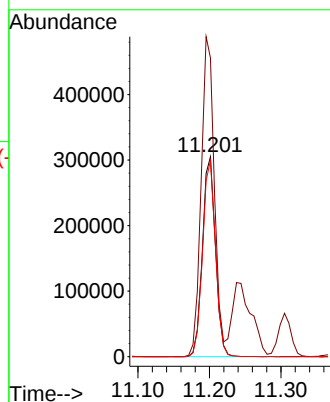
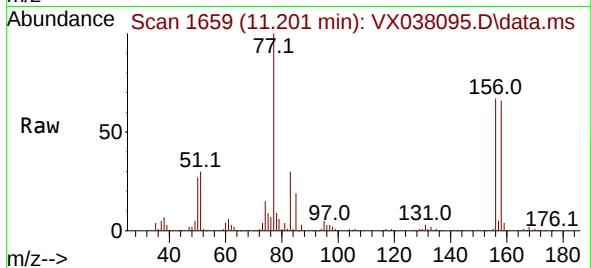
Tgt Ion:	156	Resp:	38651
Ion Ratio	Lower	Upper	
156	100		
77	160.5	88.4	265.3
158	97.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#78

n-propylbenzene

Concen: 150.173 ug/l

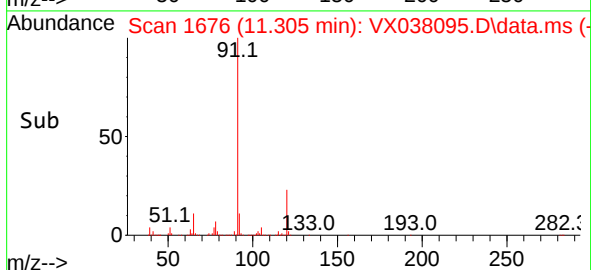
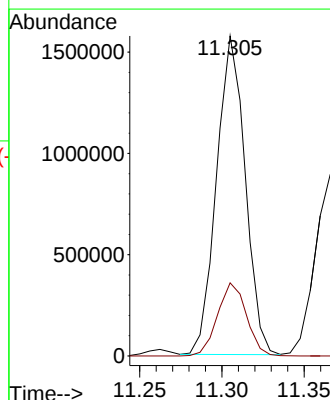
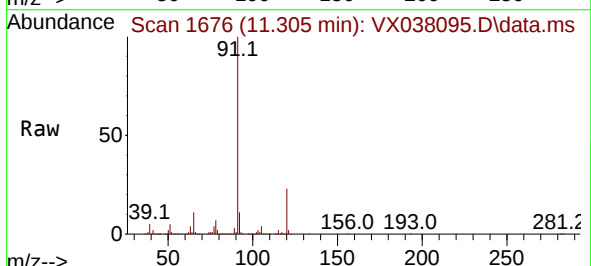
RT: 11.305 min Scan# 1676

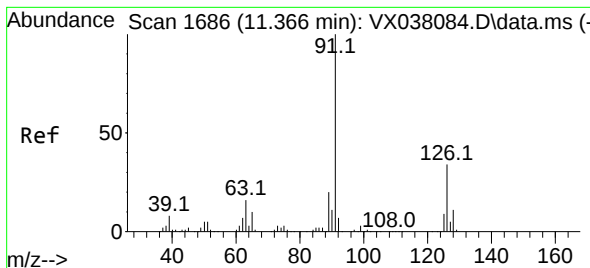
Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Tgt Ion:	91	Resp:	1905873
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





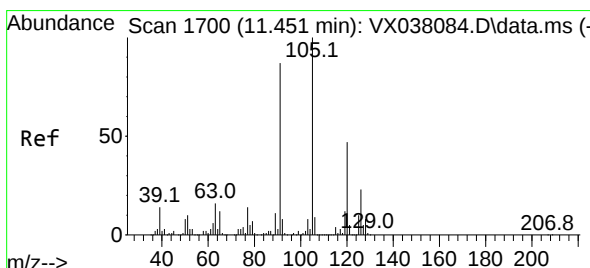
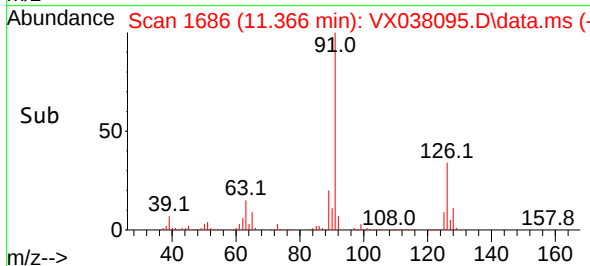
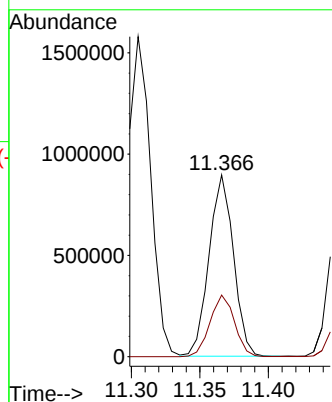
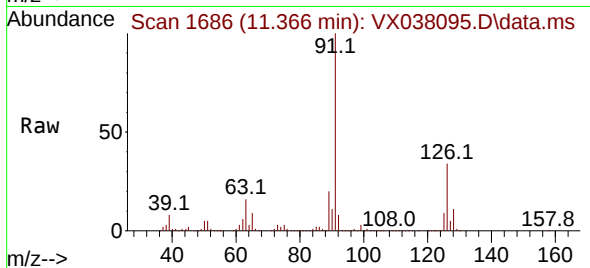
#79
2-Chlorotoluene
Concen: 147.340 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1108958
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

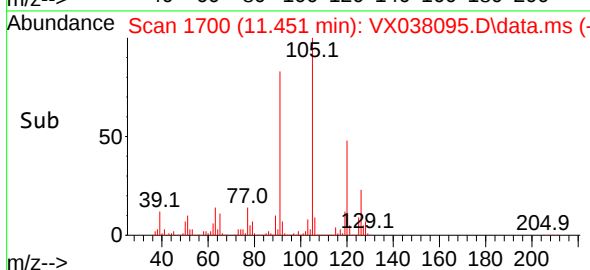
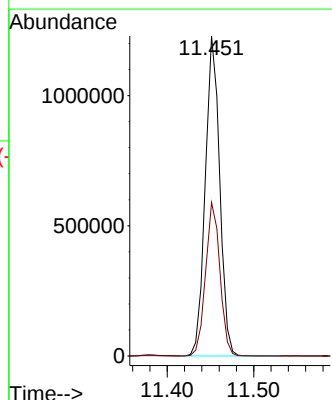
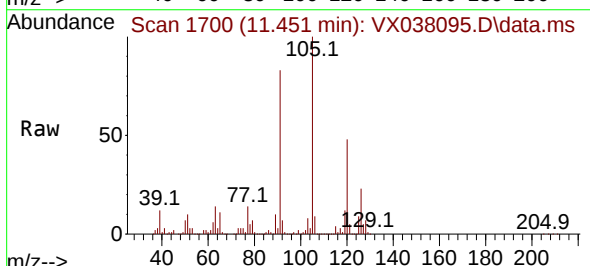
Manual Integrations
APPROVED

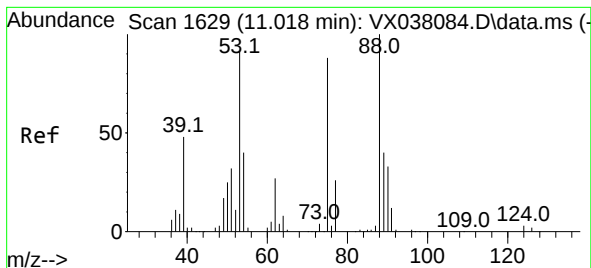
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 158.516 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Tgt Ion:105 Resp: 1419443
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





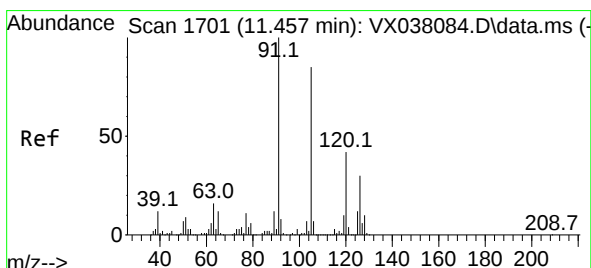
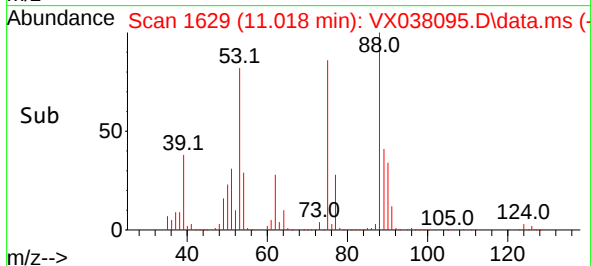
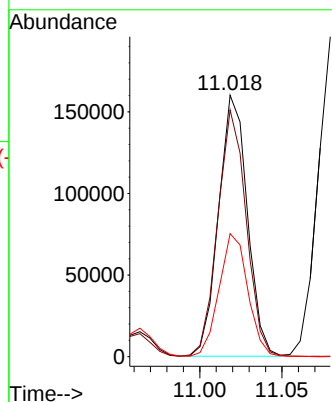
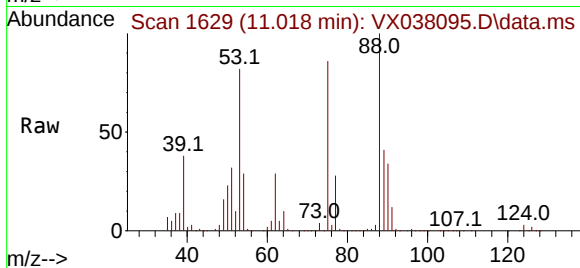
#81
trans-1,4-Dichloro-2-butene
Concen: 152.365 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 19442
Ion Ratio Lower Upper
75 100
53 93.6 90.5 135.7
89 47.4 36.9 55.3

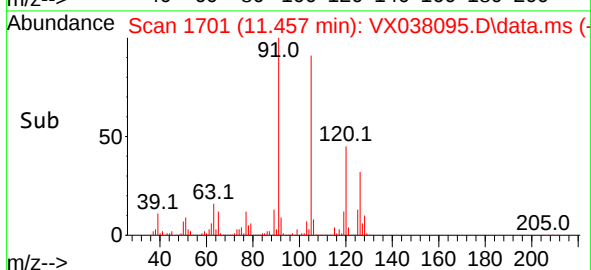
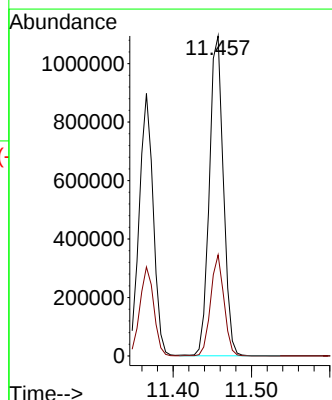
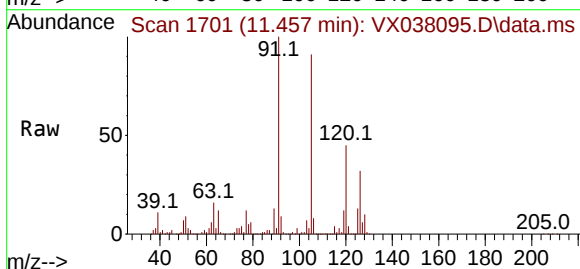
Manual Integrations
APPROVED

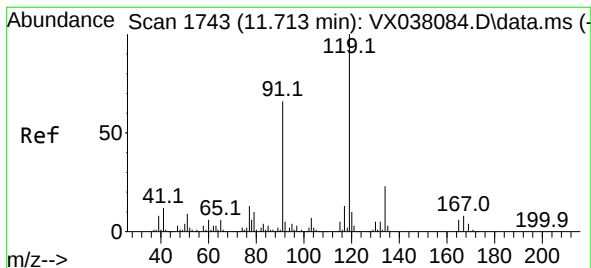
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#82
4-Chlorotoluene
Concen: 152.576 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

Tgt Ion: 91 Resp: 1358900
Ion Ratio Lower Upper
91 100
126 30.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 158.384 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 1385828

Ion Ratio Lower Upper

119 100

91 58.9 31.2 93.6

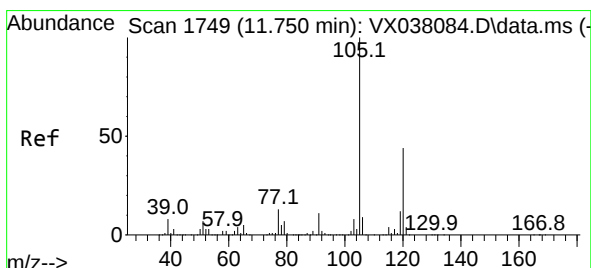
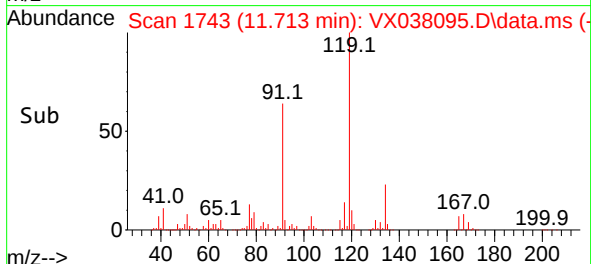
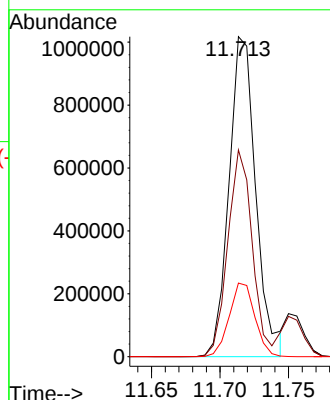
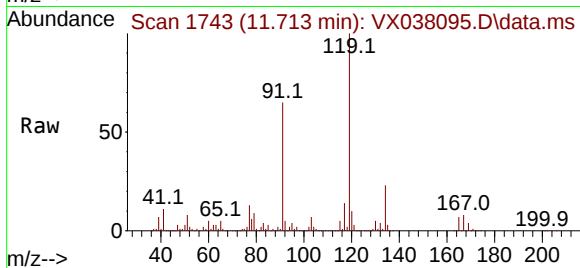
134 22.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#84

1,2,4-Trimethylbenzene

Concen: 155.276 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038095.D

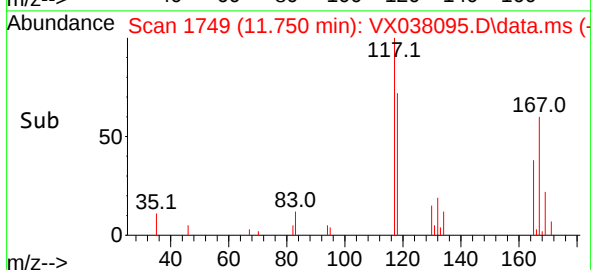
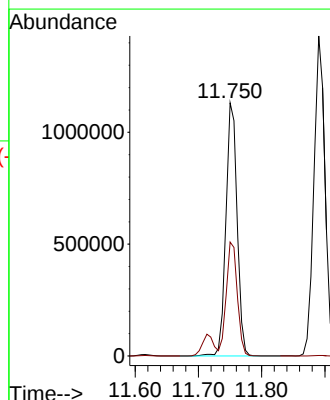
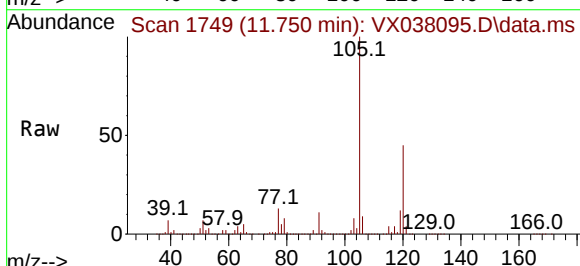
Acq: 05 Oct 2023 11:54

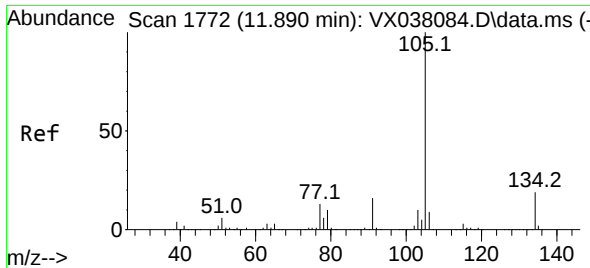
Tgt Ion:105 Resp: 1386336

Ion Ratio Lower Upper

105 100

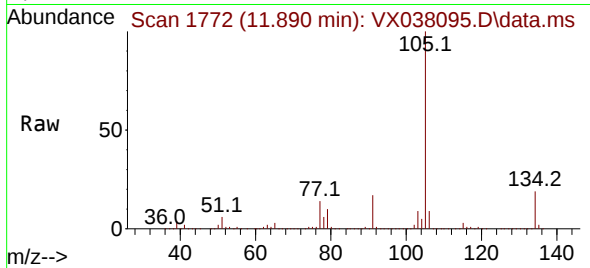
120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 153.127 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038095.D
 Acq: 05 Oct 2023 11:54

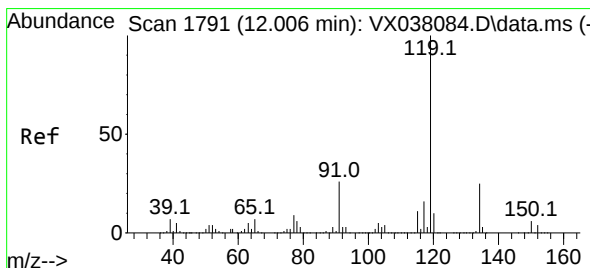
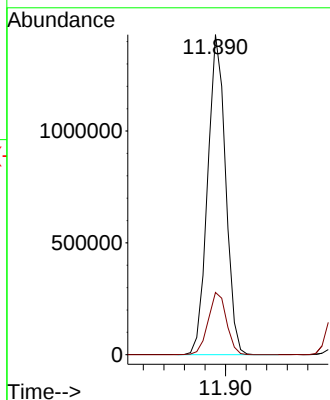
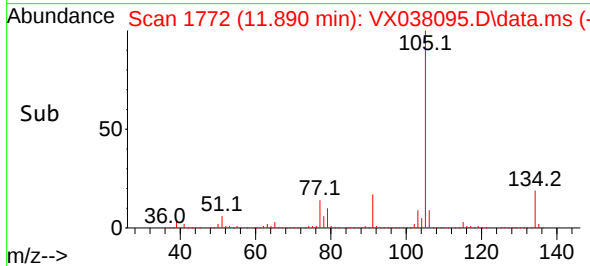
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



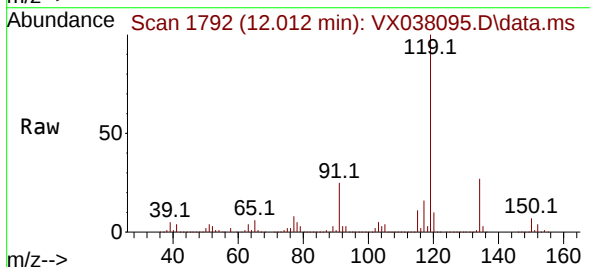
Tgt Ion:105 Resp: 173559
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
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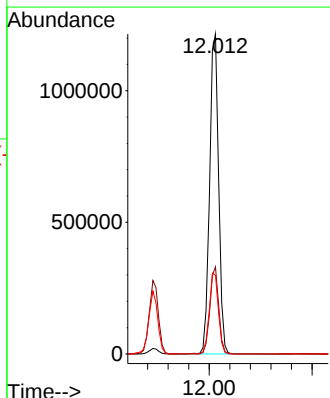
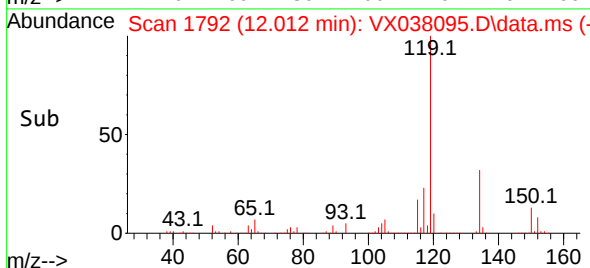
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023

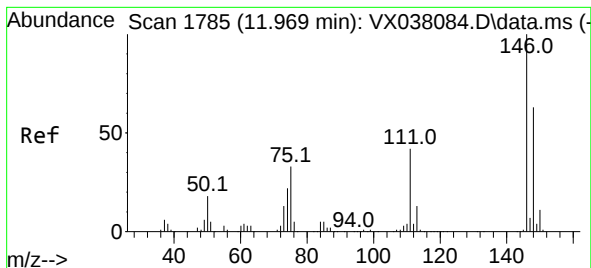


#86
 p-Isopropyltoluene
 Concen: 158.116 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038095.D
 Acq: 05 Oct 2023 11:54



Tgt Ion:119 Resp: 1478608
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 25.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 148.038 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 75346

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.1

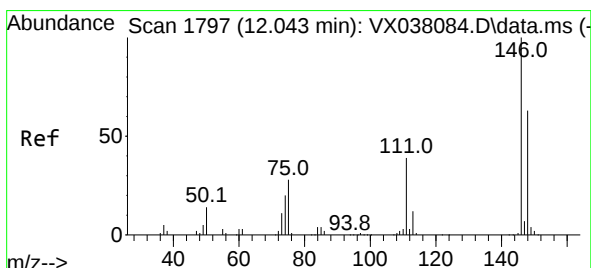
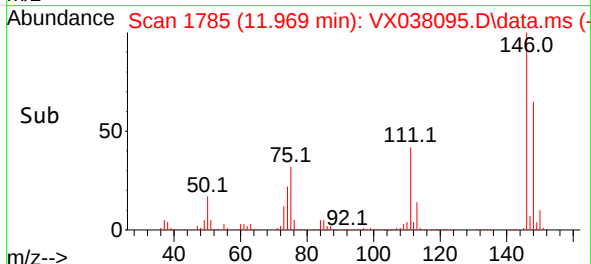
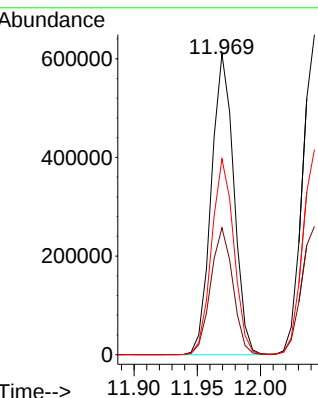
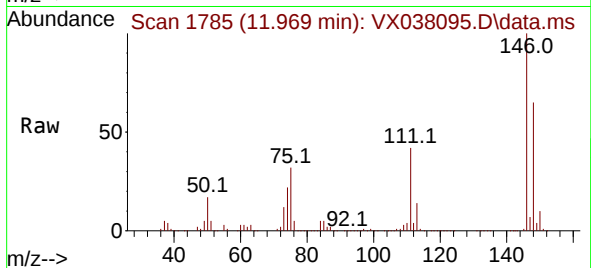
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

Concen: 146.945 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

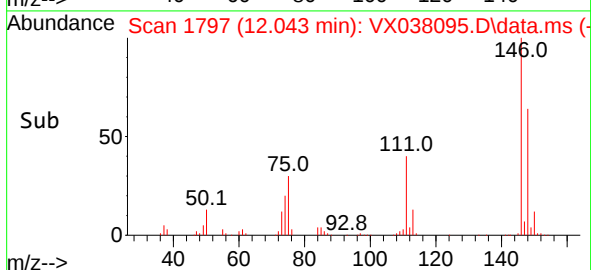
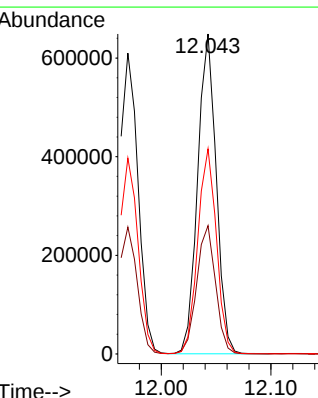
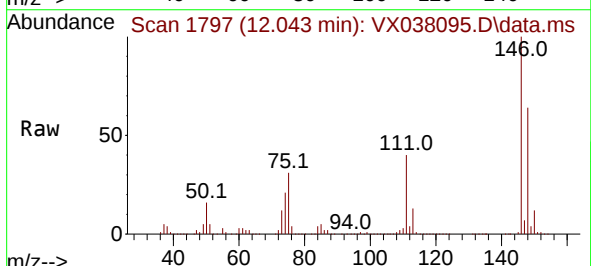
Tgt Ion:146 Resp: 763555

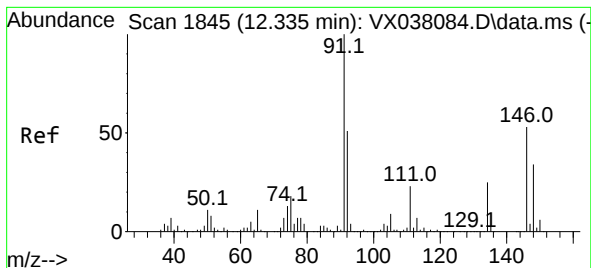
Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

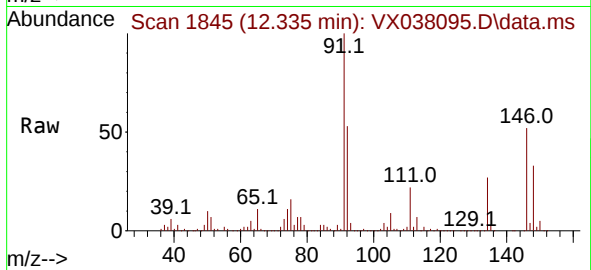
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 157.055 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

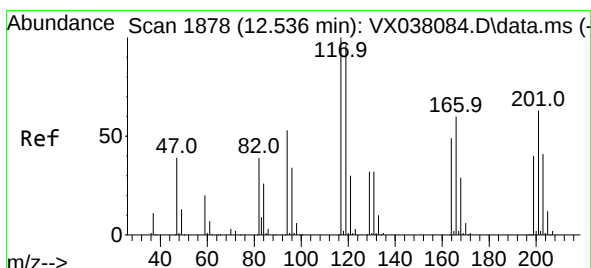
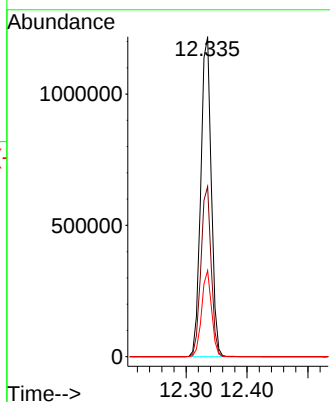
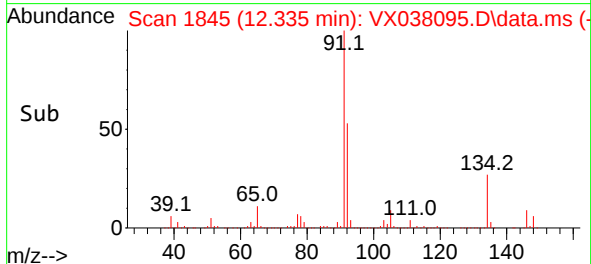
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 146268
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 25.5 12.6 37.8

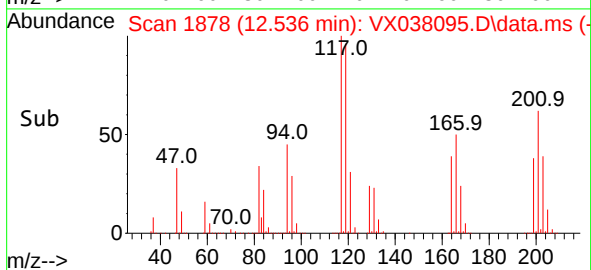
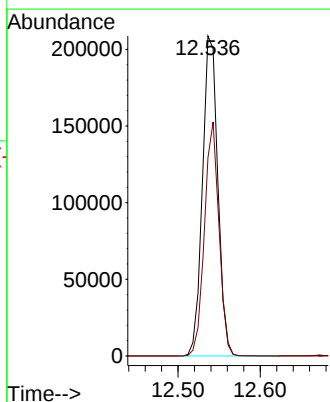
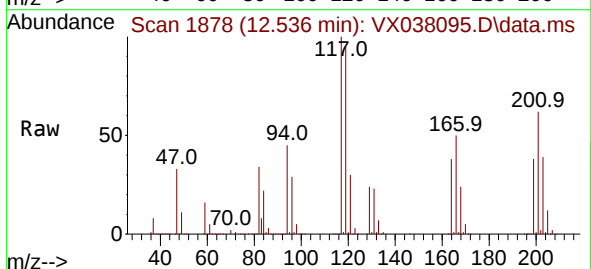
Manual Integrations
APPROVED

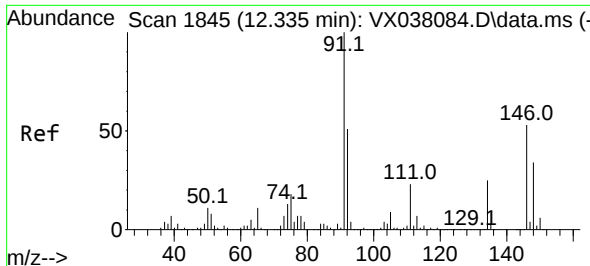
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#90
Hexachloroethane
Concen: 174.480 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

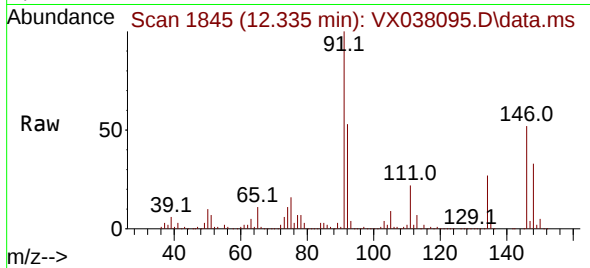
Tgt Ion:117 Resp: 270528
Ion Ratio Lower Upper
117 100
201 69.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 153.199 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

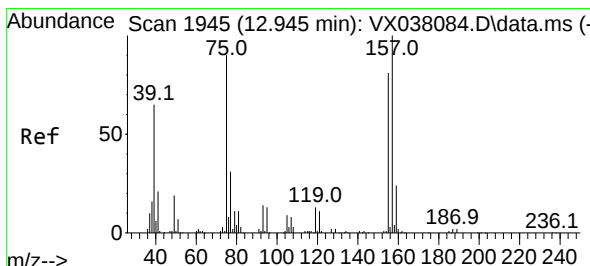
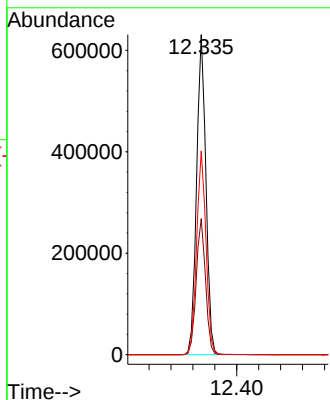
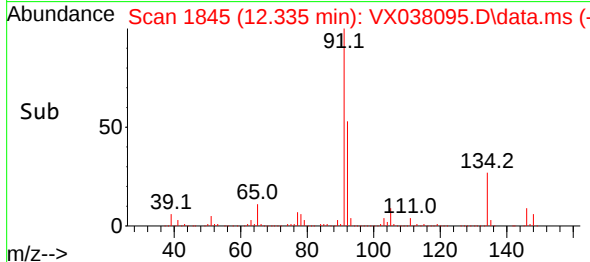
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



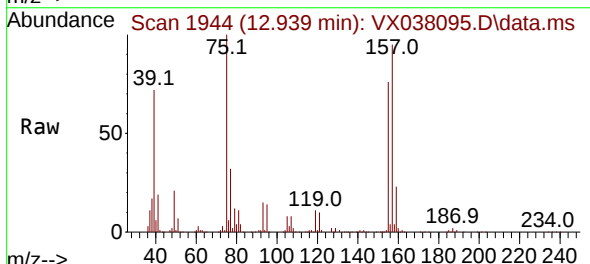
Tgt Ion:146 Resp: 749504
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
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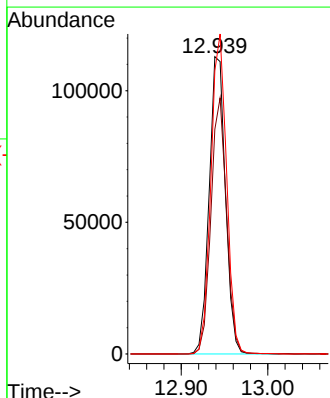
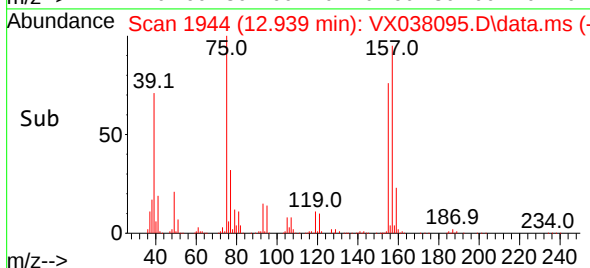
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

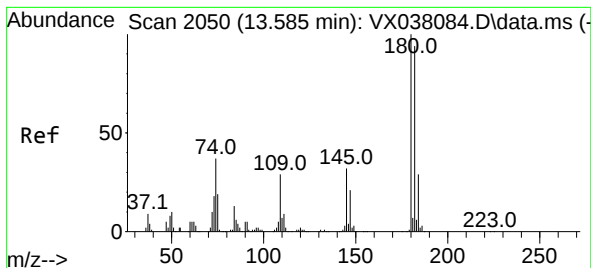


#92
1,2-Dibromo-3-Chloropropane
Concen: 160.076 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



Tgt Ion: 75 Resp: 147405
Ion Ratio Lower Upper
75 100
155 82.7 36.1 108.5
157 104.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 155.162 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

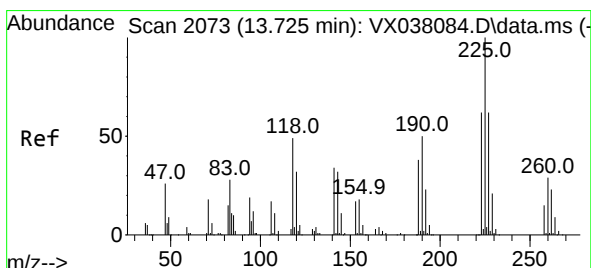
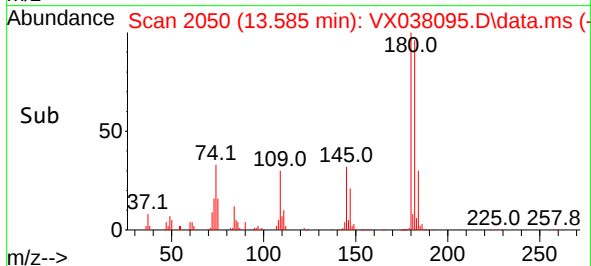
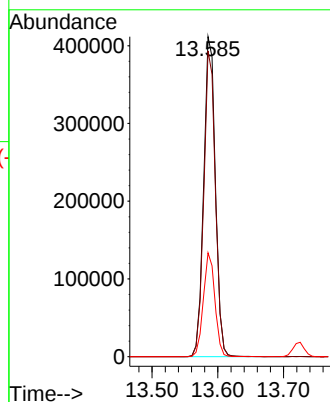
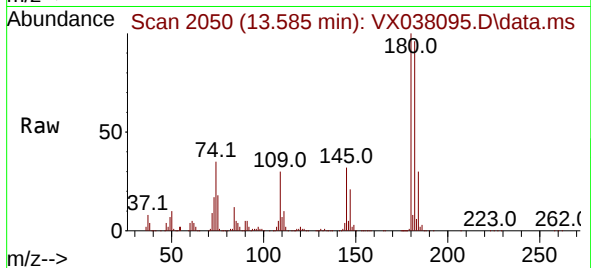
Tgt Ion:180	Resp: 50914
Ion Ratio	Lower Upper
180 100	
182 94.8	48.3 144.8
145 32.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#94

Hexachlorobutadiene

Concen: 152.859 ug/l

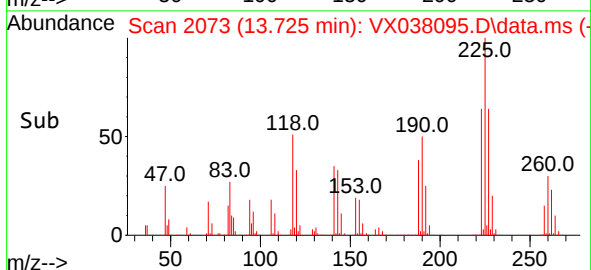
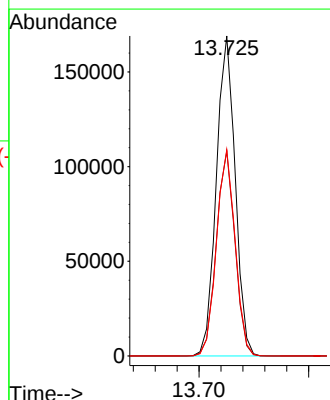
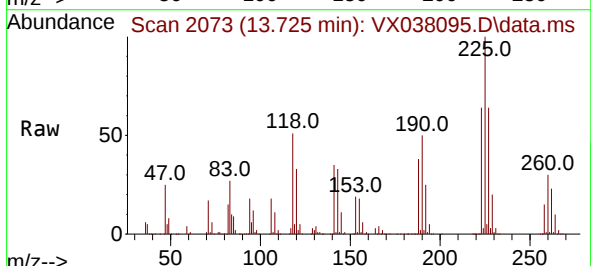
RT: 13.725 min Scan# 2073

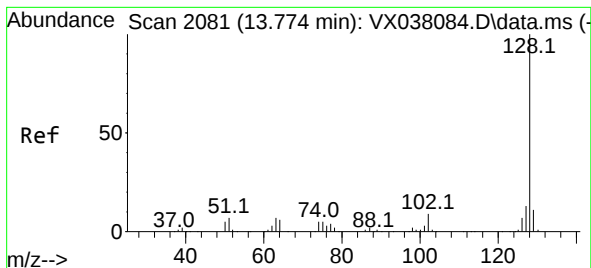
Delta R.T. 0.000 min

Lab File: VX038095.D

Acq: 05 Oct 2023 11:54

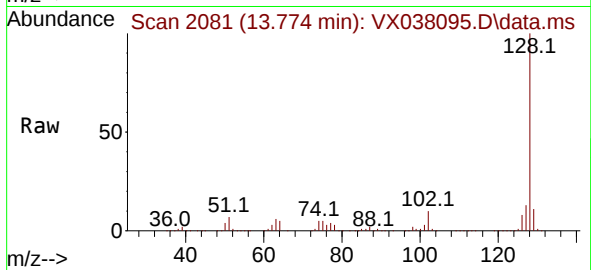
Tgt Ion:225	Resp: 201883
Ion Ratio	Lower Upper
225 100	
223 63.2	31.1 93.2
227 63.7	32.5 97.5





#95
Naphthalene
Concen: 154.759 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54

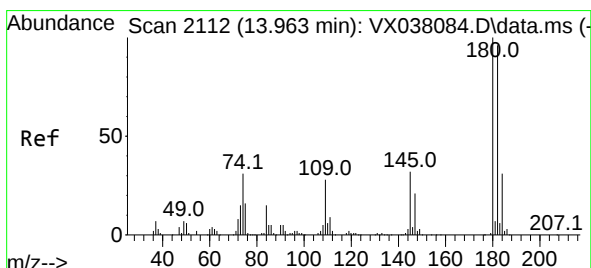
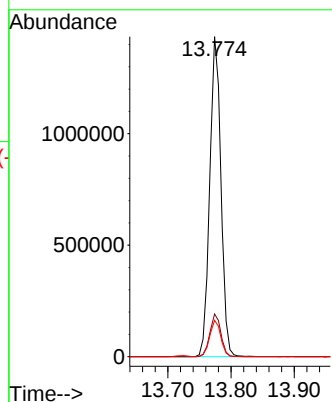
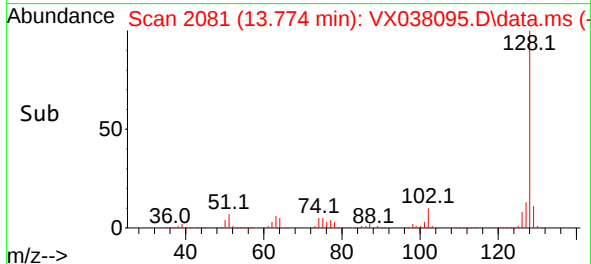
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



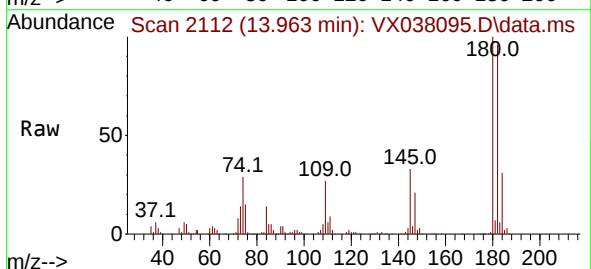
Tgt Ion:128 Resp: 1768478
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 157.122 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038095.D
Acq: 05 Oct 2023 11:54



Tgt Ion:180 Resp: 499215
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 34.1 17.8 53.5

