

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038631.D
 Acq On : 07 Nov 2023 13:59
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 03:03:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 01:38:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	327068	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	503572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	23169	5.690	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.380%#		
35) Dibromofluoromethane	5.385	113	19207	5.296	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.600%#		
50) Toluene-d8	8.647	98	70767	5.453	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.900%#		
62) 4-Bromofluorobenzene	11.079	95	25589	5.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.180%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	15789	4.649	ug/l	92
3) Chloromethane	1.301	50	14316	4.876	ug/l	98
4) Vinyl Chloride	1.374	62	14747	4.719	ug/l	91
5) Bromomethane	1.599	94	13749	5.700	ug/l	91
6) Chloroethane	1.685	64	10262	5.186	ug/l	# 87
7) Trichlorofluoromethane	1.886	101	26960	5.004	ug/l	96
8) Diethyl Ether	2.136	74	9098	4.919	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	16002	5.023	ug/l	92
10) Methyl Iodide	2.453	142	15314	3.892	ug/l	90
11) Tert butyl alcohol	2.959	59	25148	30.211	ug/l	100
12) 1,1-Dichloroethene	2.319	96	14789	4.845	ug/l	82
13) Acrolein	2.233	56	17057	27.036	ug/l	100
14) Allyl chloride	2.666	41	21169	4.842	ug/l	# 94
15) Acrylonitrile	3.062	53	43523	24.775	ug/l	99
16) Acetone	2.380	43	42094	24.546	ug/l	96
17) Carbon Disulfide	2.508	76	38965	4.804	ug/l	100
18) Methyl Acetate	2.703	43	35520	4.862	ug/l	# 88
19) Methyl tert-butyl Ether	3.117	73	48048	4.922	ug/l	94
20) Methylene Chloride	2.788	84	17366	5.023	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	16504	4.967	ug/l	# 80
22) Diisopropyl ether	3.763	45	40278	4.888	ug/l	# 95
23) Vinyl Acetate	3.721	43	138991	23.765	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	27270	5.002	ug/l	99
25) 2-Butanone	4.556	43	60273	24.262	ug/l	# 87
26) 2,2-Dichloropropane	4.471	77	22688	4.767	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	18983	4.947	ug/l	85
28) Bromochloromethane	4.904	49	11826	4.827	ug/l	# 65
29) Tetrahydrofuran	5.013	42	37624	24.343	ug/l	# 82
30) Chloroform	5.093	83	31738	4.962	ug/l	99
31) Cyclohexane	5.464	56	22423	4.976	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	27798	4.938	ug/l	96
36) 1,1-Dichloropropene	5.696	75	21405	4.751	ug/l	94
37) Ethyl Acetate	4.721	43	22142	4.814	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	23878	4.741	ug/l	95
39) Methylcyclohexane	7.385	83	26973	4.789	ug/l	91
40) Benzene	6.037	78	64093	4.939	ug/l	96

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Instrument :
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 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	10888	4.646	ug/l #	81
42) 1,2-Dichloroethane	6.092	62	22967	4.905	ug/l	94
43) Isopropyl Acetate	6.336	43	33696	4.765	ug/l #	94
44) Trichloroethene	7.129	130	19929	4.936	ug/l	88
45) 1,2-Dichloropropane	7.434	63	14946	4.765	ug/l	95
46) Dibromomethane	7.580	93	12924	4.926	ug/l #	85
47) Bromodichloromethane	7.824	83	23854	4.835	ug/l	97
48) Methyl methacrylate	7.696	41	15666	4.597	ug/l #	82
49) 1,4-Dioxane	7.665	88	7275	93.769	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	112132	24.337	ug/l	93
52) Toluene	8.720	92	41963	4.936	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	22892	4.558	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	24405	4.603	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	17706	4.909	ug/l	95
56) Ethyl methacrylate	9.116	69	22943	4.546	ug/l	88
57) 1,3-Dichloropropane	9.311	76	27153	4.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	57881	23.328	ug/l	90
59) 2-Hexanone	9.433	43	88855	23.834	ug/l	93
60) Dibromochloromethane	9.519	129	18502	4.570	ug/l	100
61) 1,2-Dibromoethane	9.610	107	19572	4.828	ug/l	99
64) Tetrachloroethene	9.275	164	18230	5.098	ug/l	94
65) Chlorobenzene	10.079	112	48145	4.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	17759	4.857	ug/l	98
67) Ethyl Benzene	10.195	91	80614	4.900	ug/l	96
68) m/p-Xylenes	10.299	106	62999	9.649	ug/l	98
69) o-Xylene	10.640	106	30828	4.855	ug/l	96
70) Styrene	10.653	104	48997	4.676	ug/l	96
71) Bromoform	10.799	173	14099	4.369	ug/l #	100
73) Isopropylbenzene	10.963	105	80356	4.923	ug/l	98
74) N-amyl acetate	10.841	43	25091	4.425	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	27606	4.893	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	25202m	4.783	ug/l	
77) Bromobenzene	11.201	156	21980	4.907	ug/l	83
78) n-propylbenzene	11.305	91	92859	4.889	ug/l	98
79) 2-Chlorotoluene	11.366	91	56382	4.959	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	68962	4.910	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6923	5.277	ug/l	95
82) 4-Chlorotoluene	11.457	91	66882	5.035	ug/l	95
83) tert-Butylbenzene	11.713	119	68945	4.844	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	67941	4.877	ug/l	98
85) sec-Butylbenzene	11.890	105	86350	4.862	ug/l	98
86) p-Isopropyltoluene	12.012	119	71449	4.723	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	42384	4.949	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	44431	5.048	ug/l	99
89) n-Butylbenzene	12.335	91	63041	4.682	ug/l	95
90) Hexachloroethane	12.536	117	11344	4.427	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	41664	4.982	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6256	4.412	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	28522	4.768	ug/l	97
94) Hexachlorobutadiene	13.725	225	12513	4.848	ug/l	98
95) Naphthalene	13.774	128	84377	4.676	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28249	4.791	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Nov 08 01:38:47 2023
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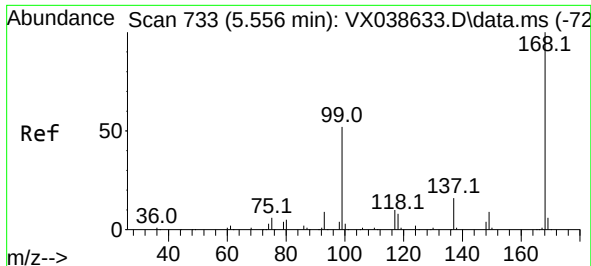
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

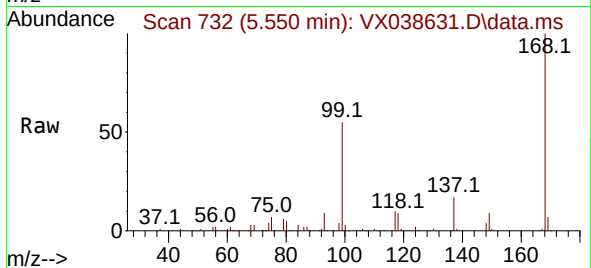
Quant Time: Nov 08 03:03:18 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

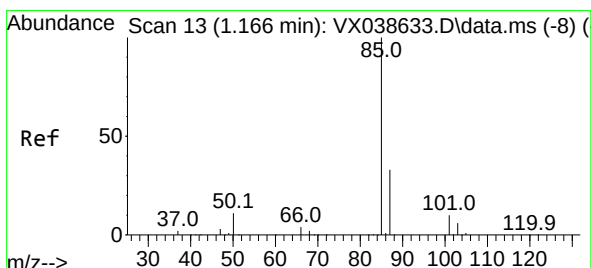
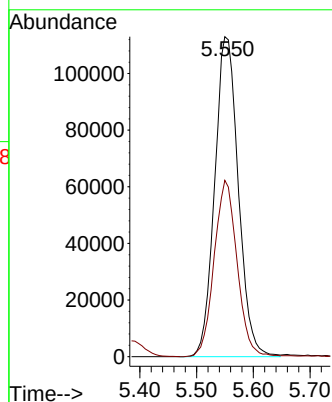
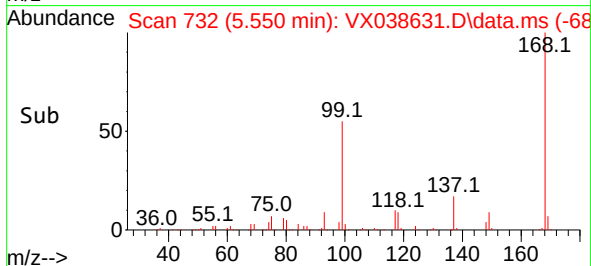
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 32706
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0

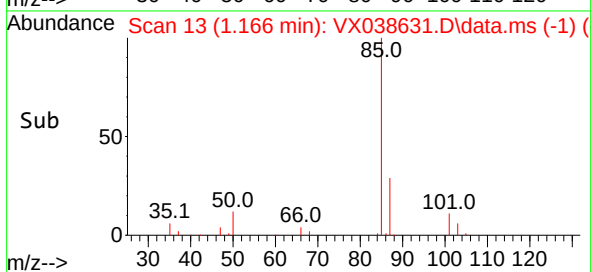
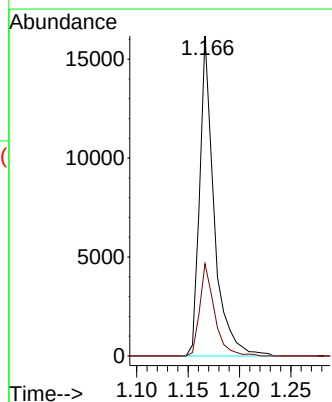
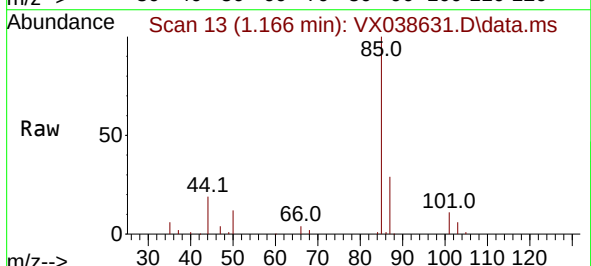
Manual Integrations
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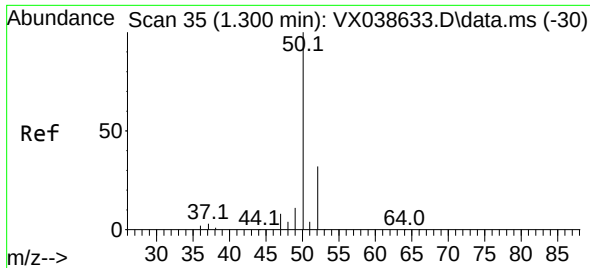
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#2
Dichlorodifluoromethane
Concen: 4.649 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion: 85 Resp: 15789
Ion Ratio Lower Upper
85 100
87 28.9 16.7 50.1





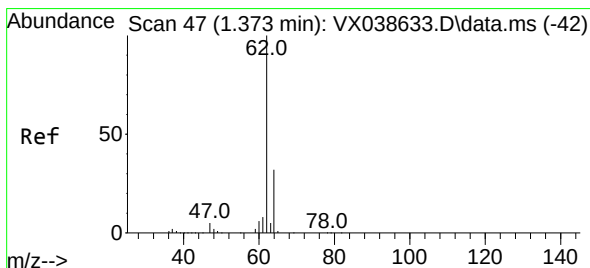
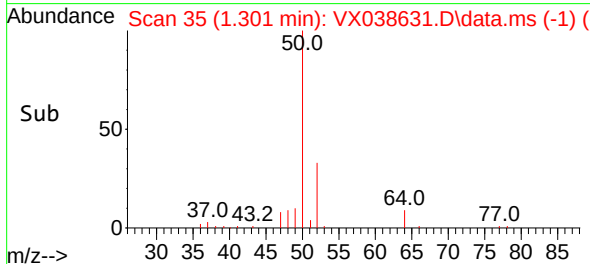
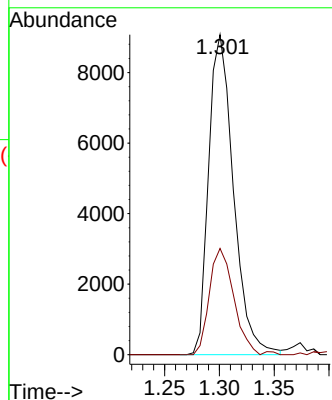
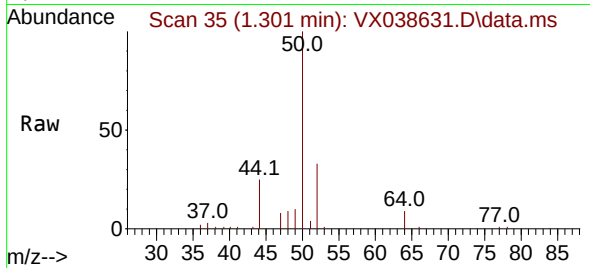
#3
Chloromethane
Concen: 4.876 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 14310
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

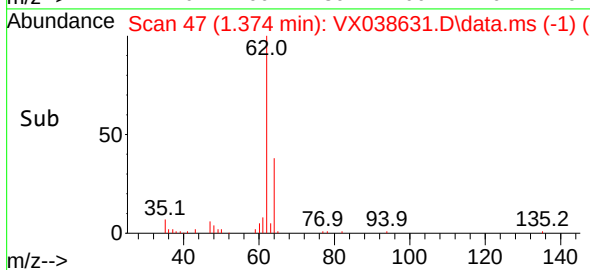
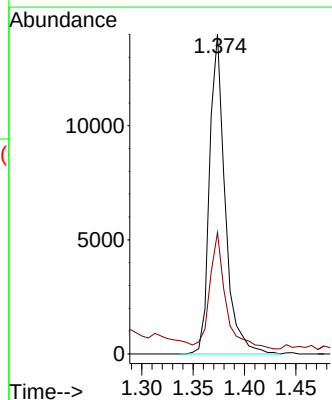
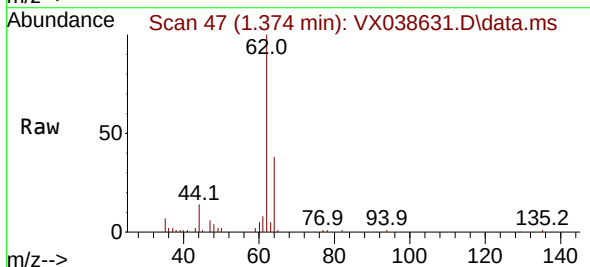
Manual Integrations
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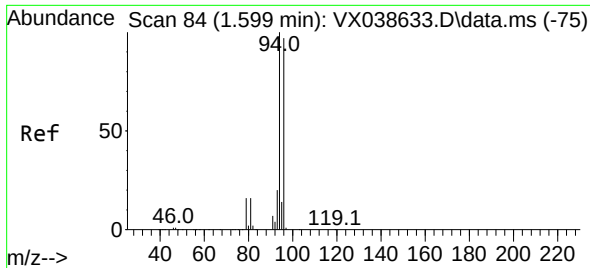
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#4
Vinyl Chloride
Concen: 4.719 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

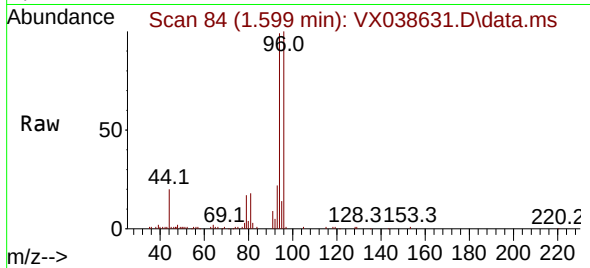
Tgt Ion: 62 Resp: 14747
Ion Ratio Lower Upper
62 100
64 36.4 25.4 38.0





#5
Bromomethane
Concen: 5.700 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

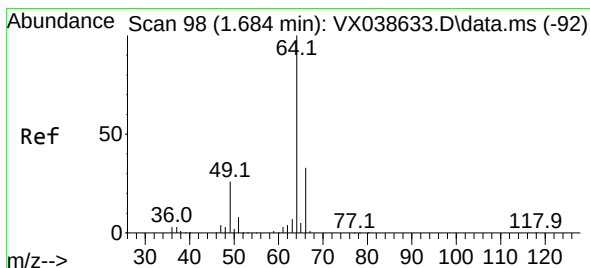
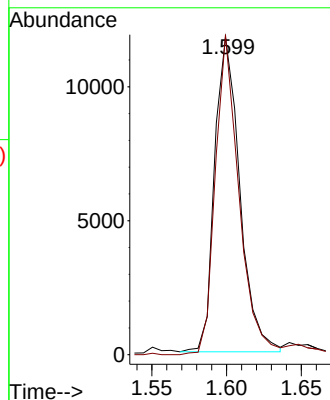
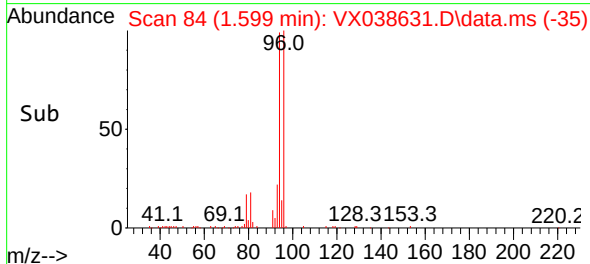
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 13749
Ion Ratio Lower Upper
94 100
96 101.7 74.6 111.8

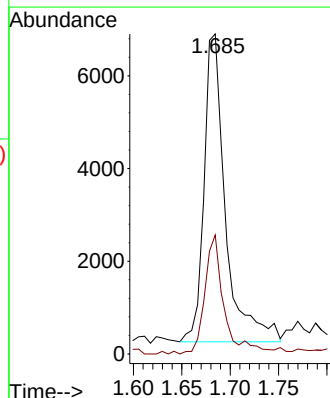
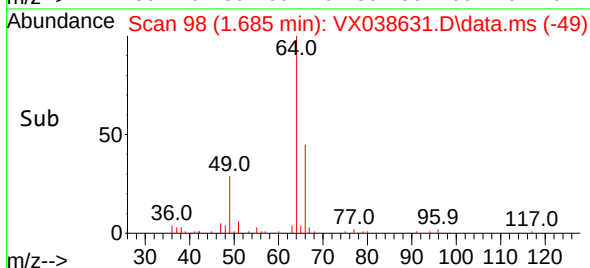
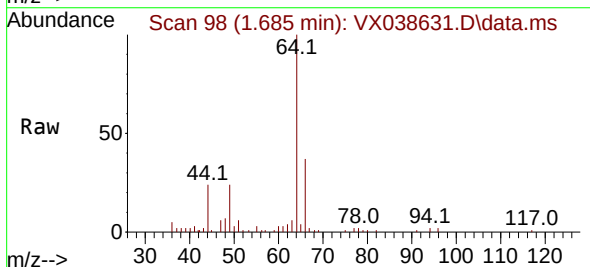
Manual Integrations
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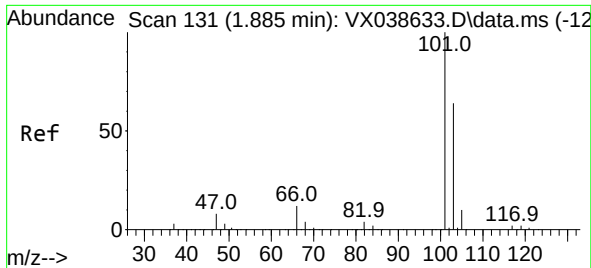
Reviewed By :John Carlone 11/08/2023
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#6
Chloroethane
Concen: 5.186 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
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Acq: 07 Nov 2023 13:59

Tgt Ion: 64 Resp: 10262
Ion Ratio Lower Upper
64 100
66 38.7 25.1 37.7#





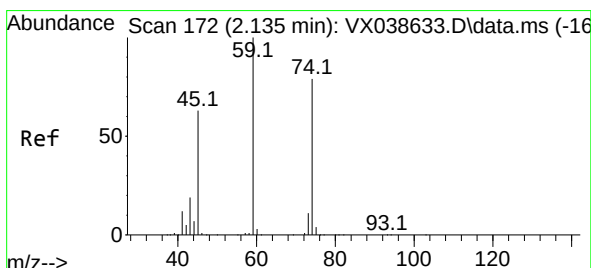
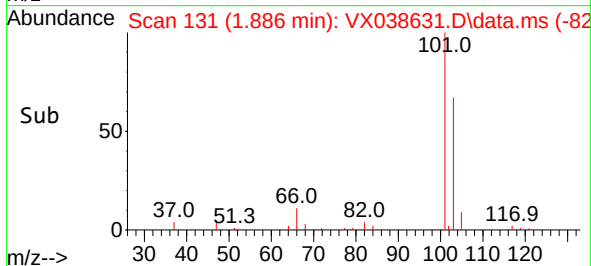
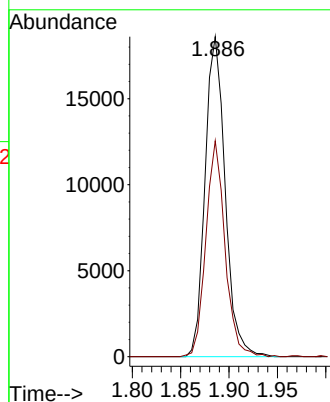
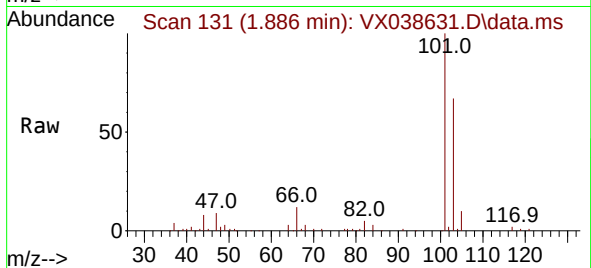
#7
 Trichlorofluoromethane
 Concen: 5.004 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038631.D
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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion:101 Resp: 26960
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.4 77.2

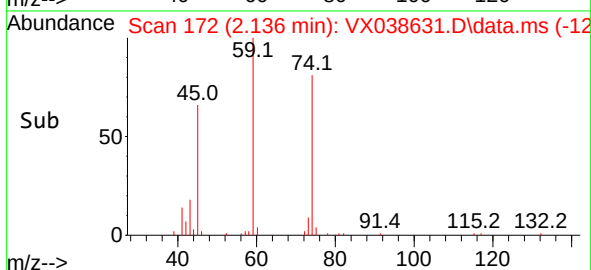
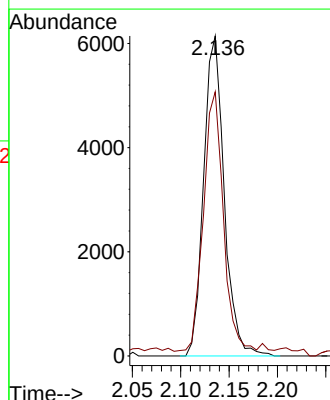
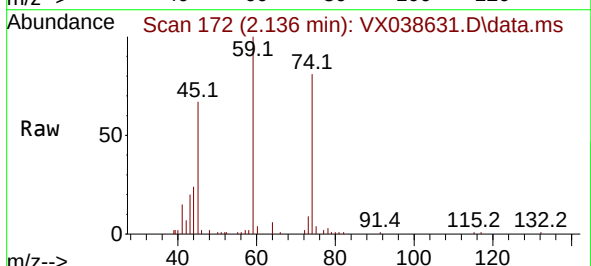
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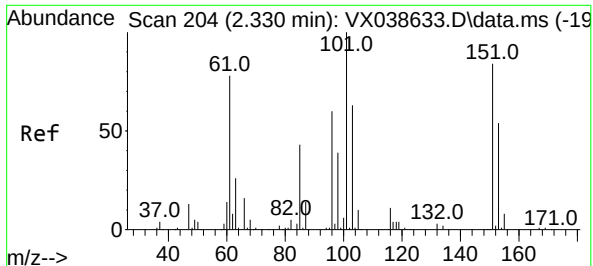
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#8
 Diethyl Ether
 Concen: 4.919 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX038631.D
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Tgt Ion: 74 Resp: 9098
 Ion Ratio Lower Upper
 74 100
 45 78.2 53.3 159.8





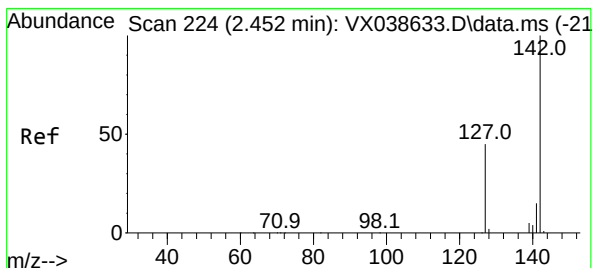
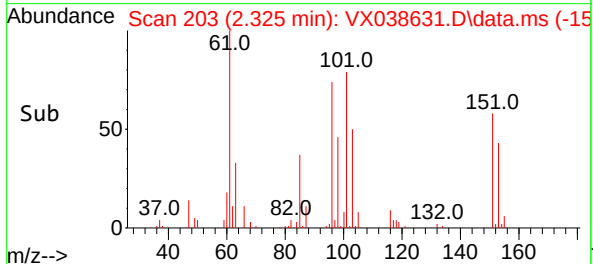
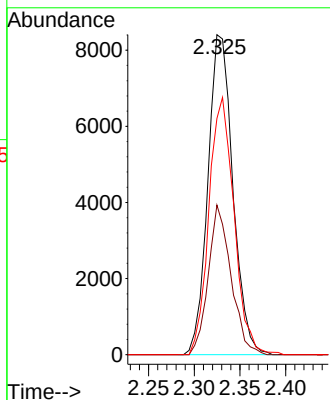
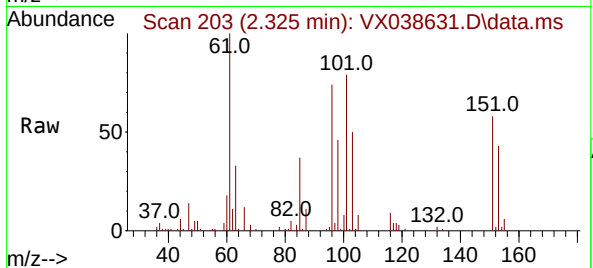
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.023 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1600
Ion Ratio Lower Upper
101 100
85 42.6 37.0 55.6
151 80.8 58.6 87.8

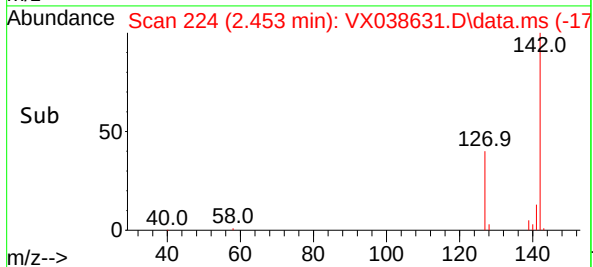
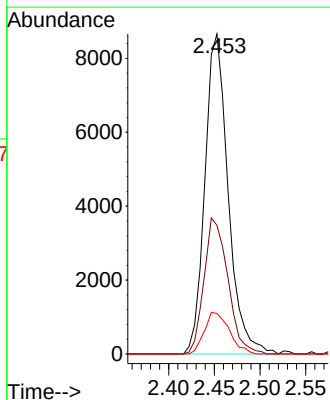
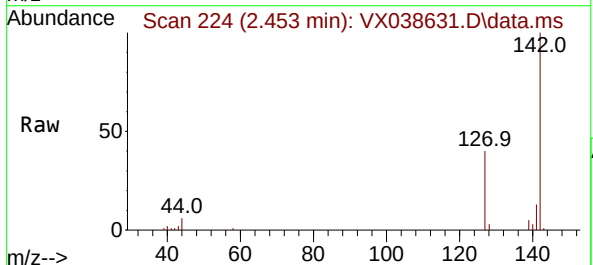
Manual Integrations
APPROVED

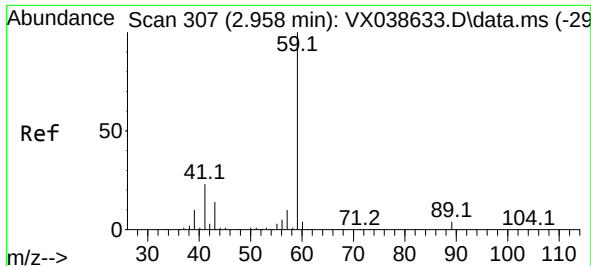
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#10
Methyl Iodide
Concen: 3.892 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

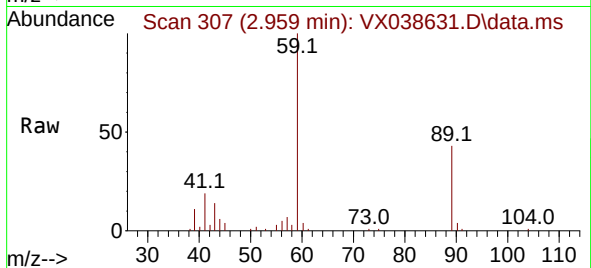
Tgt Ion:142 Resp: 15314
Ion Ratio Lower Upper
142 100
127 43.6 41.6 62.4
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 30.211 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

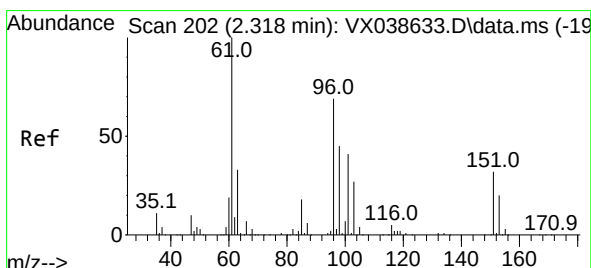
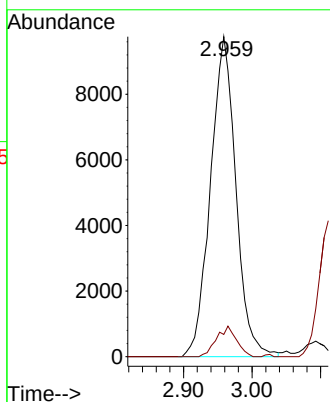
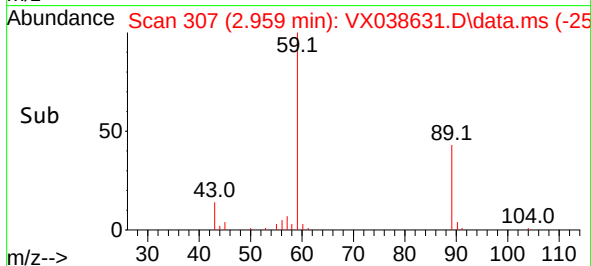
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



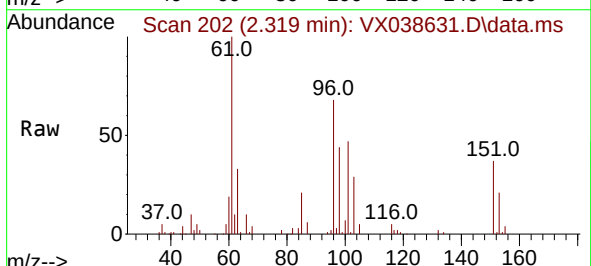
Tgt Ion: 59 Resp: 2514
Ion Ratio Lower Upper
59 100
57 7.5 6.0 9.0

Manual Integrations
APPROVED

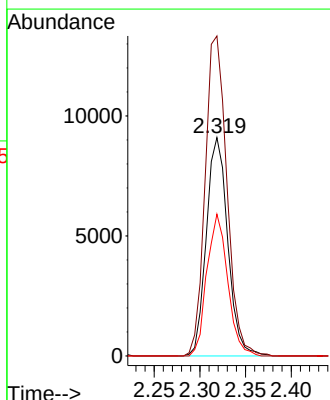
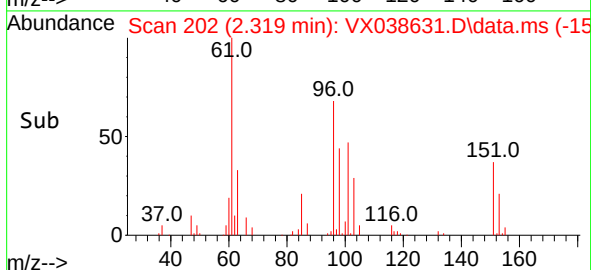
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

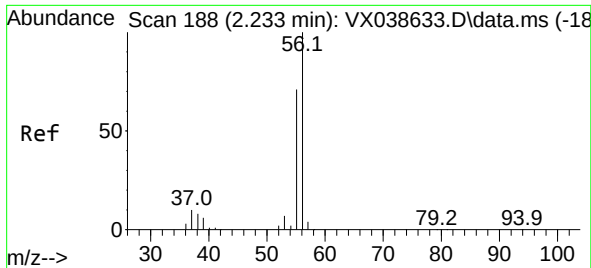


#12
1,1-Dichloroethene
Concen: 4.845 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59



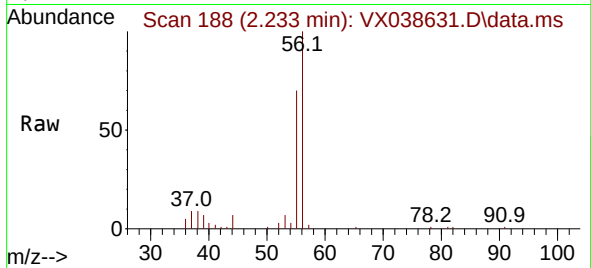
Tgt Ion: 96 Resp: 14789
Ion Ratio Lower Upper
96 100
61 146.5 144.6 216.8
98 64.9 50.4 75.6





#13
Acrolein
Concen: 27.036 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

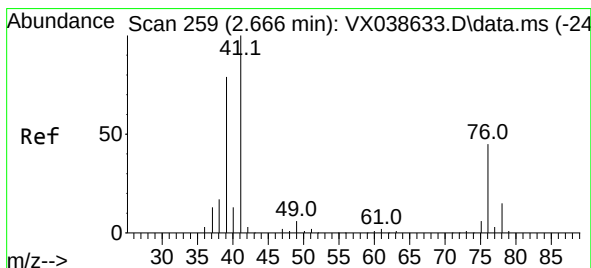
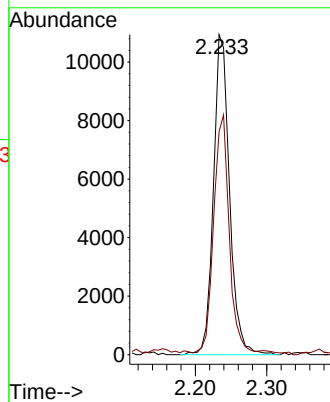
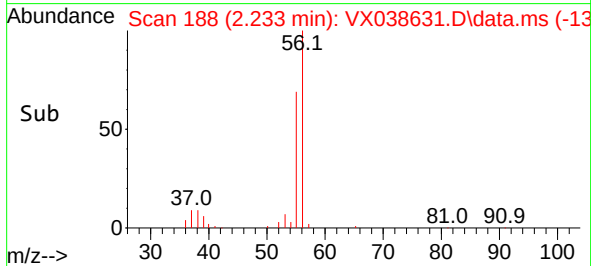
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 1705
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7

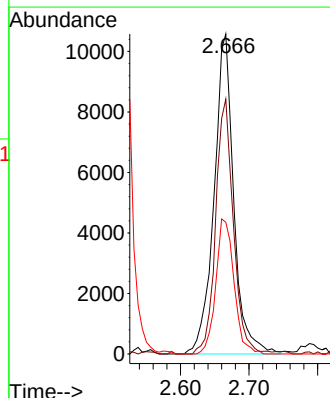
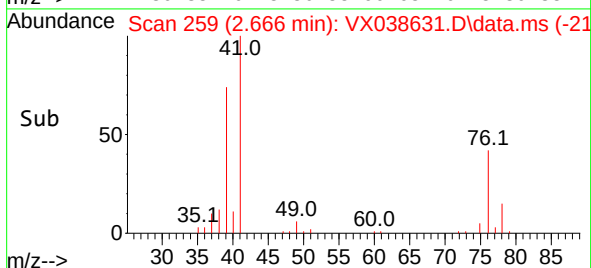
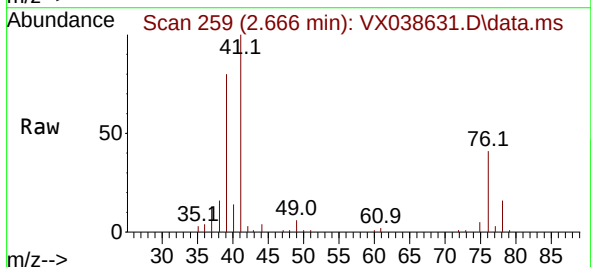
Manual Integrations
APPROVED

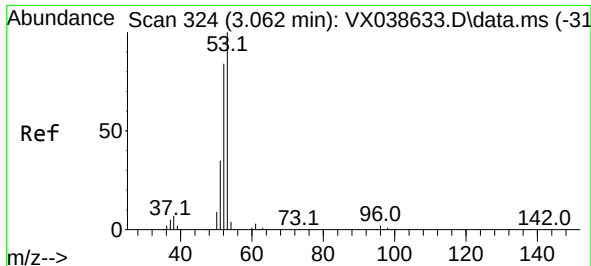
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#14
Allyl chloride
Concen: 4.842 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

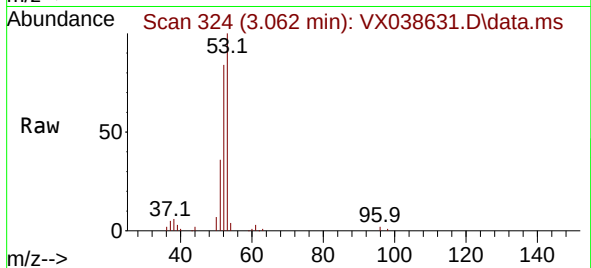
Tgt Ion: 41 Resp: 21169
Ion Ratio Lower Upper
41 100
39 71.5 55.8 83.6
76 39.0 24.3 36.5





#15
Acrylonitrile
Concen: 24.775 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

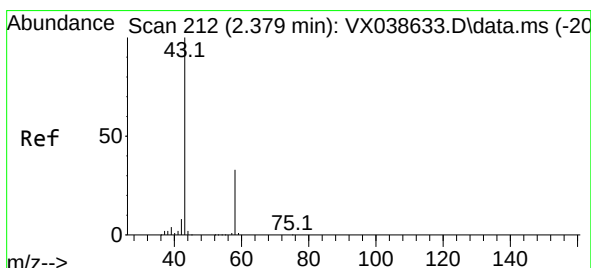
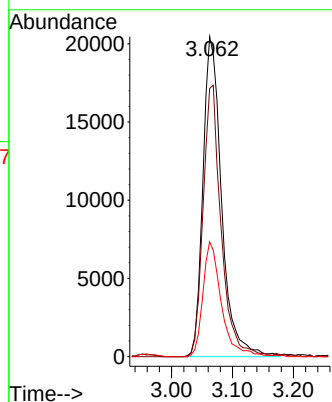
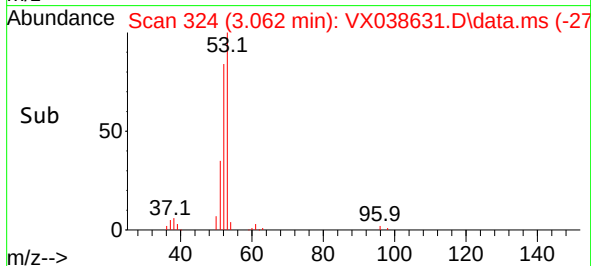
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 4352
Ion Ratio Lower Upper
53 100
52 81.9 66.0 99.0
51 35.6 29.8 44.6

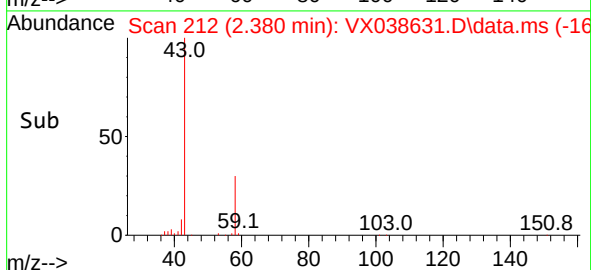
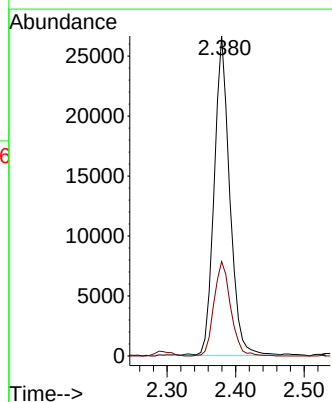
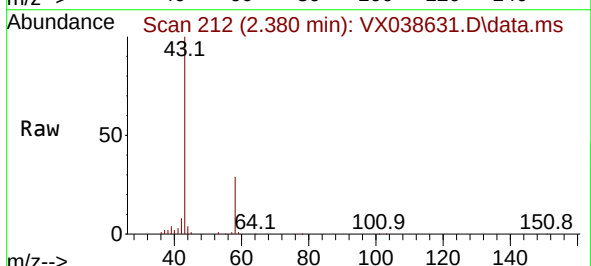
Manual Integrations
APPROVED

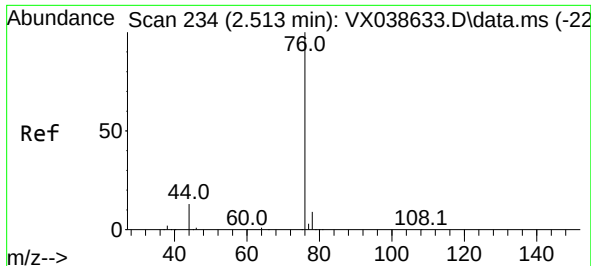
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#16
Acetone
Concen: 24.546 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion: 43 Resp: 42094
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





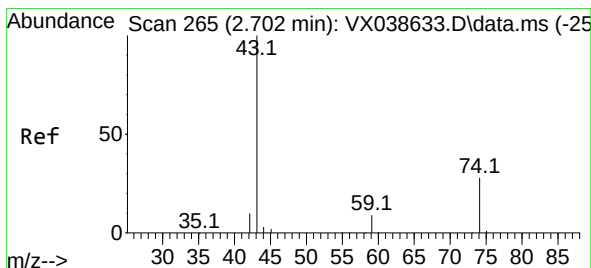
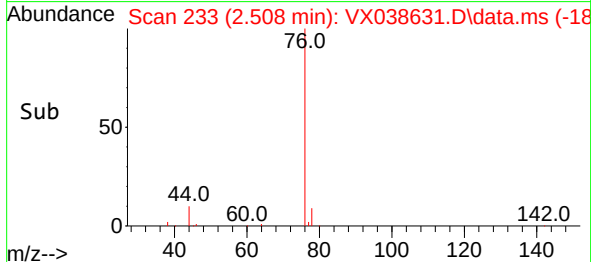
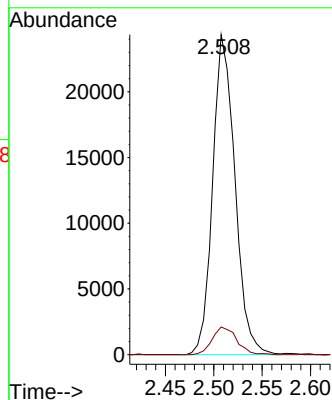
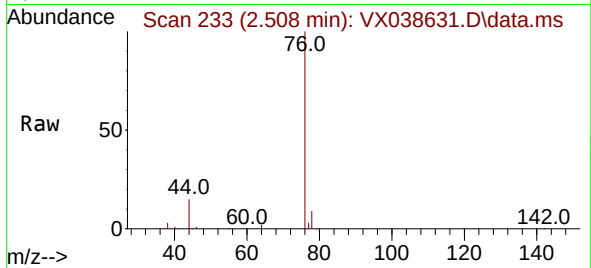
#17
Carbon Disulfide
Concen: 4.804 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 3896
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

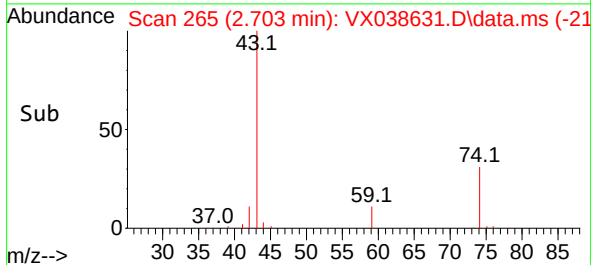
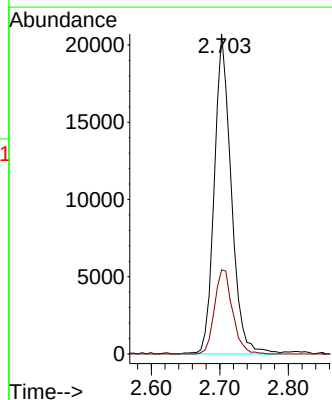
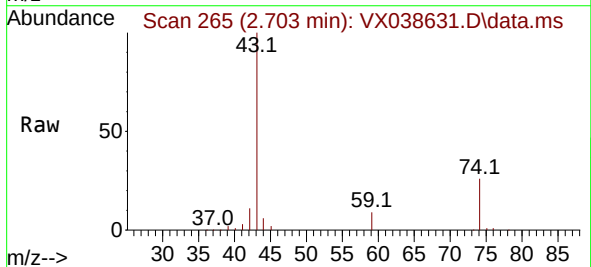
Manual Integrations
APPROVED

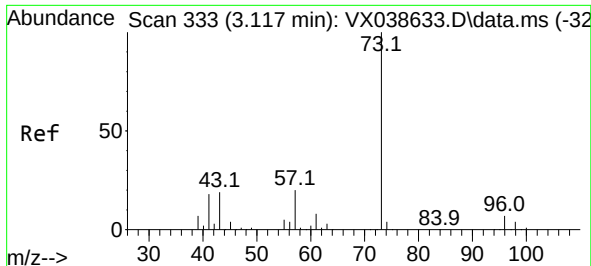
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#18
Methyl Acetate
Concen: 4.862 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion: 43 Resp: 35520
Ion Ratio Lower Upper
43 100
74 27.9 17.8 26.8#





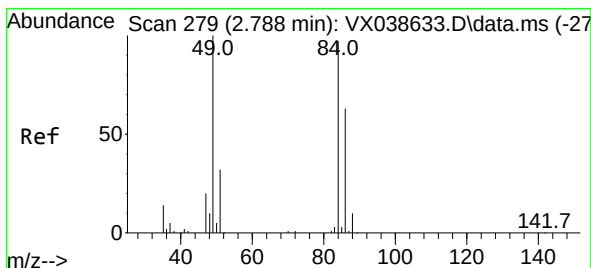
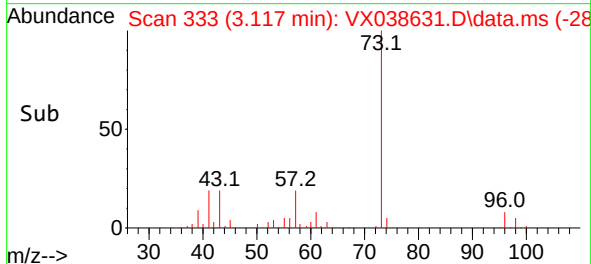
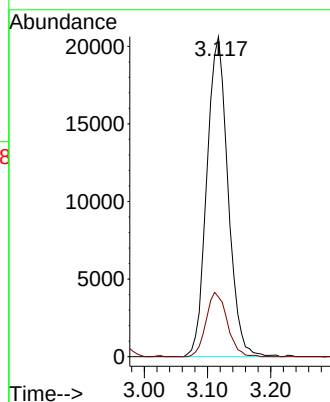
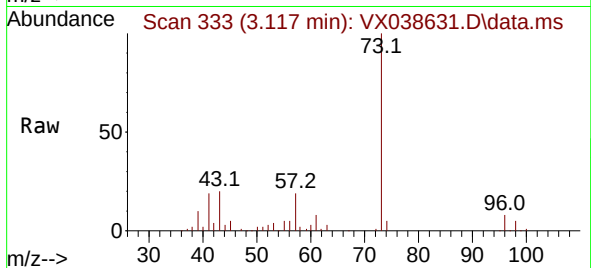
#19
Methyl tert-butyl Ether
Concen: 4.922 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 4804
Ion Ratio Lower Upper
73 100
57 18.6 17.3 25.9

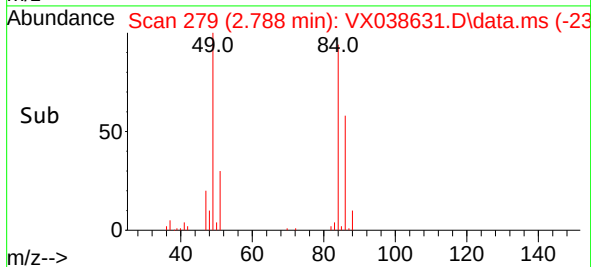
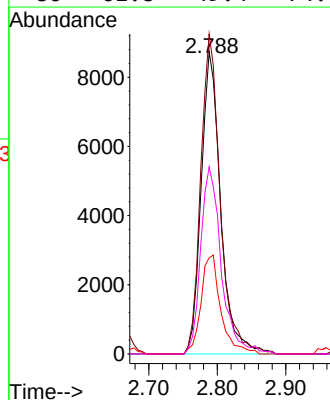
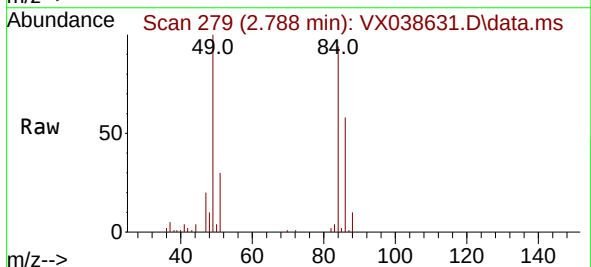
Manual Integrations
APPROVED

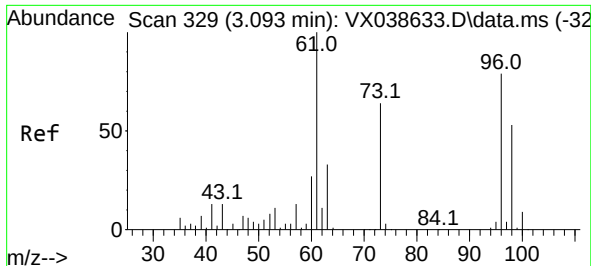
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#20
Methylene Chloride
Concen: 5.023 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

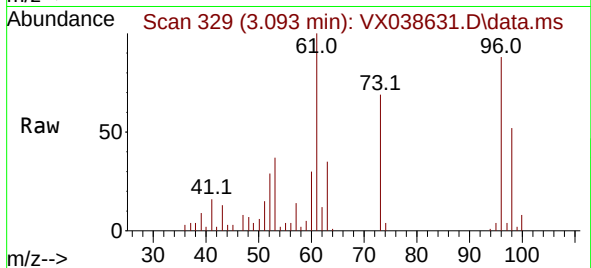
Tgt Ion: 84 Resp: 17366
Ion Ratio Lower Upper
84 100
49 105.8 103.6 155.4
51 31.8 33.8 50.6#
86 61.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.967 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

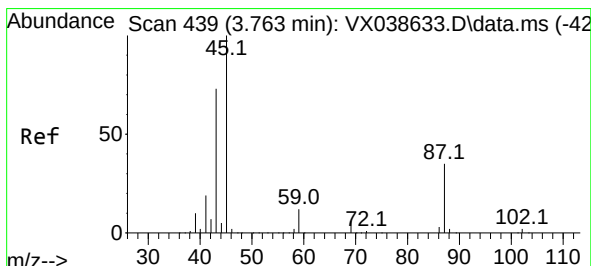
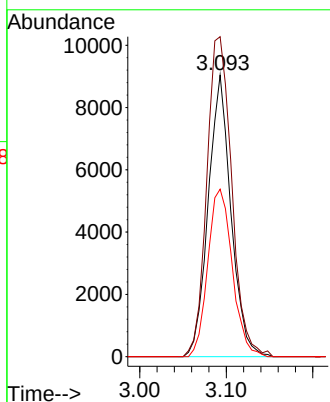
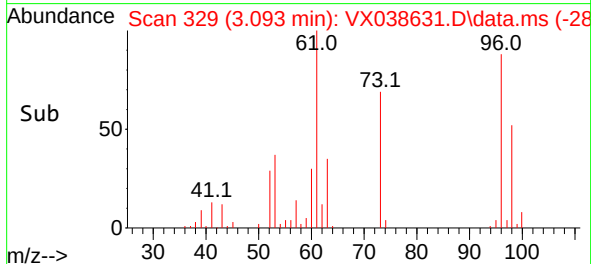
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



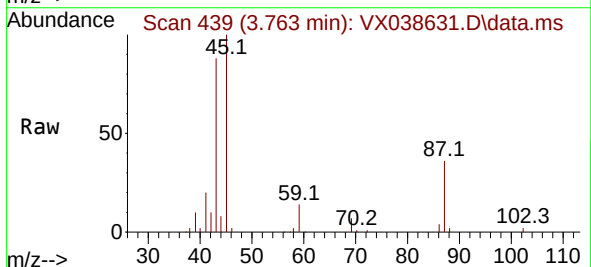
Tgt Ion: 96 Resp: 16504
Ion Ratio Lower Upper
96 100
61 113.7 119.2 178.8#
98 59.5 48.7 73.1

Manual Integrations
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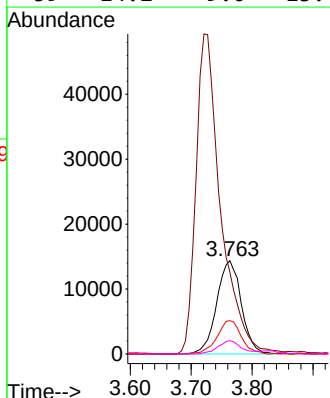
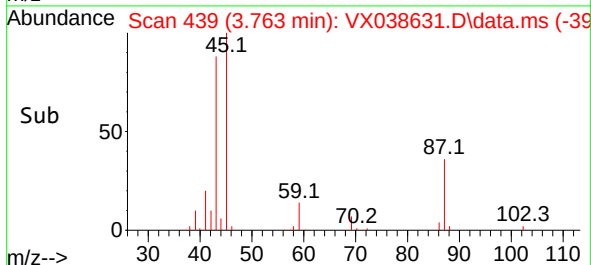
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

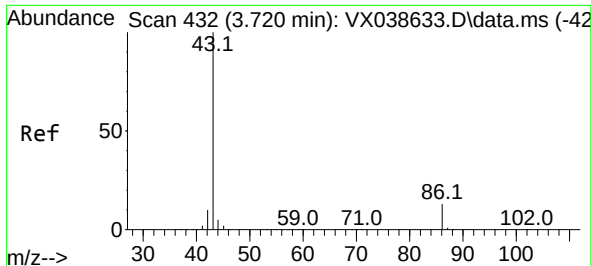


#22
Diisopropyl ether
Concen: 4.888 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59



Tgt Ion: 45 Resp: 40278
Ion Ratio Lower Upper
45 100
43 87.2 69.7 104.5
87 35.8 20.8 31.2#
59 14.2 9.0 13.4#





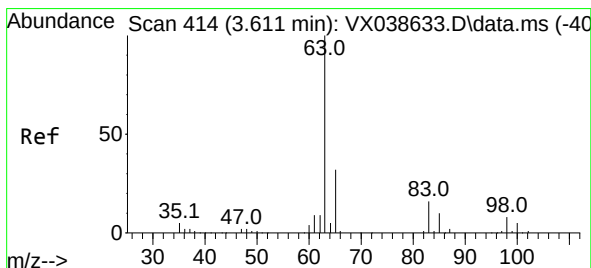
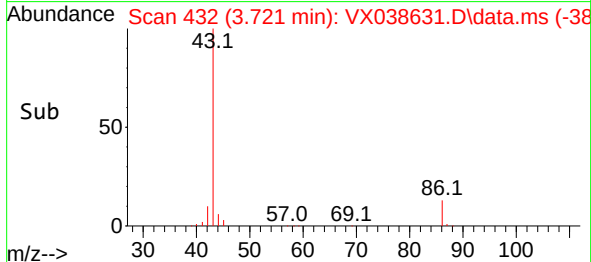
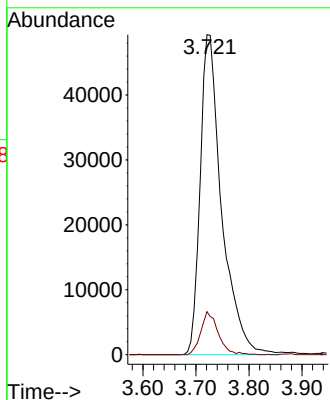
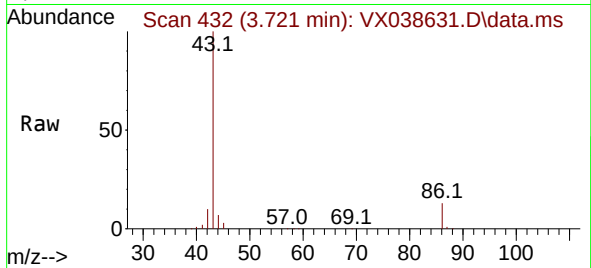
#23
 Vinyl Acetate
 Concen: 23.765 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038631.D
 Acq: 07 Nov 2023 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 13899
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.8 11.8

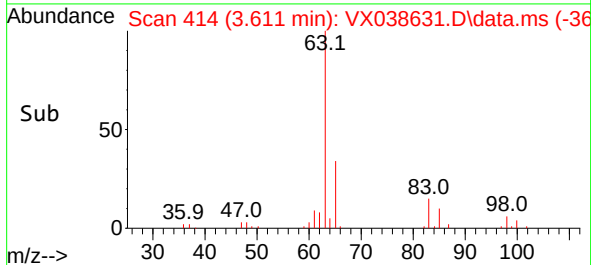
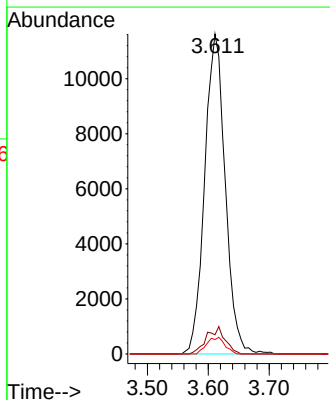
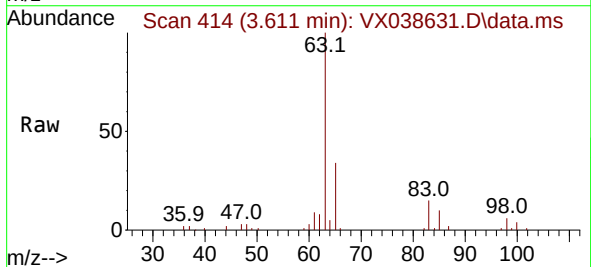
Manual Integrations
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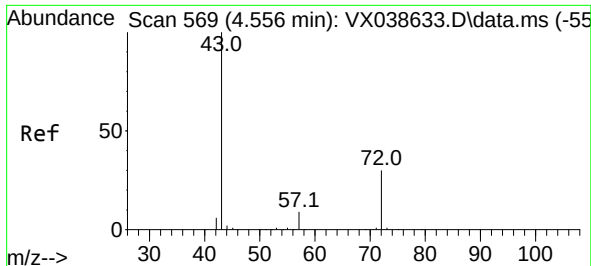
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#24
 1,1-Dichloroethane
 Concen: 5.002 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038631.D
 Acq: 07 Nov 2023 13:59

Tgt Ion: 63 Resp: 27270
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.5 2.1 6.5





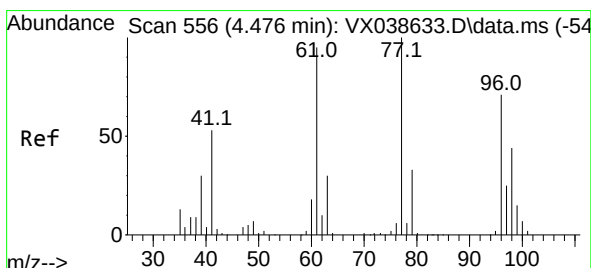
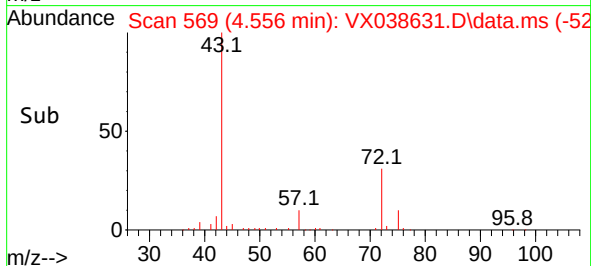
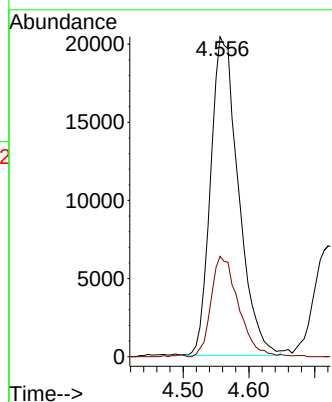
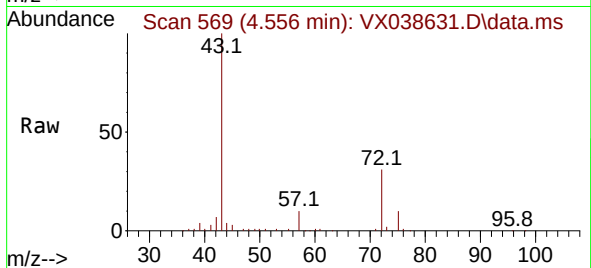
#25
2-Butanone
Concen: 24.262 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 6027
Ion Ratio Lower Upper
43 100
72 30.8 19.4 29.2

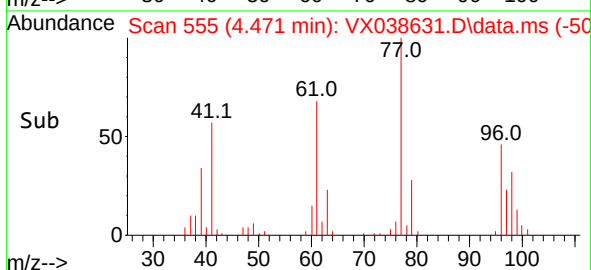
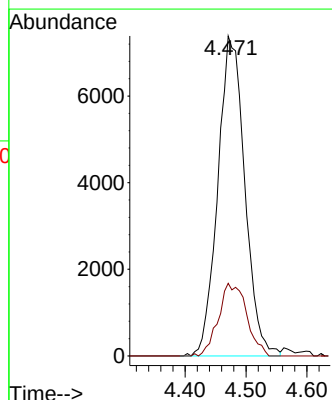
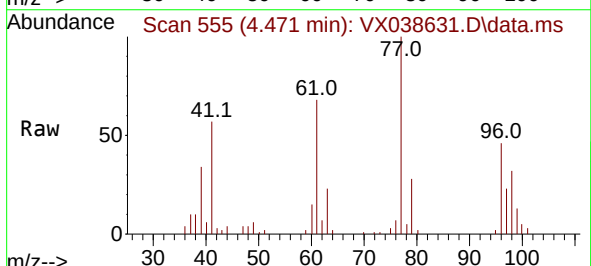
Manual Integrations
APPROVED

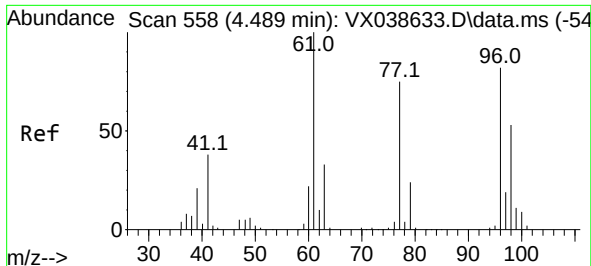
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#26
2,2-Dichloropropane
Concen: 4.767 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion: 77 Resp: 22688
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 4.947 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1898

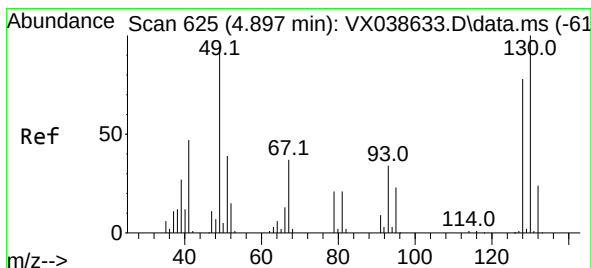
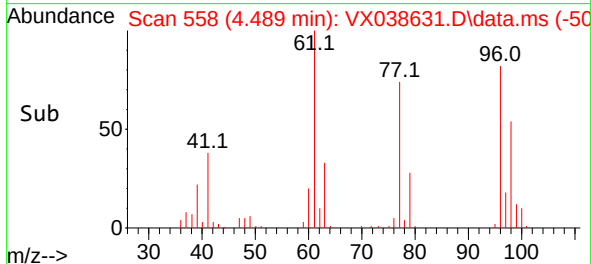
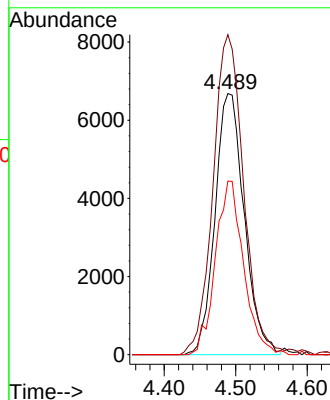
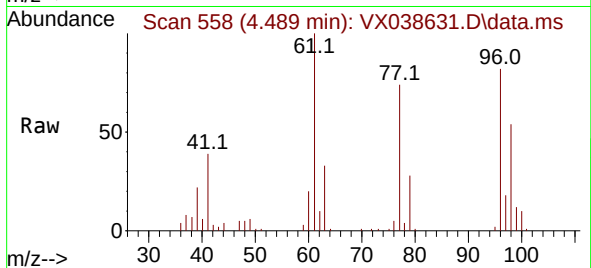
Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	312.2
98	64.1	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#28

Bromochloromethane

Concen: 4.827 ug/l

RT: 4.904 min Scan# 626

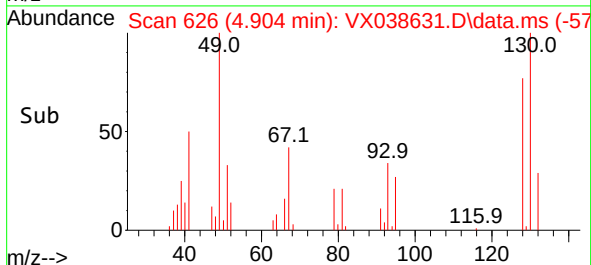
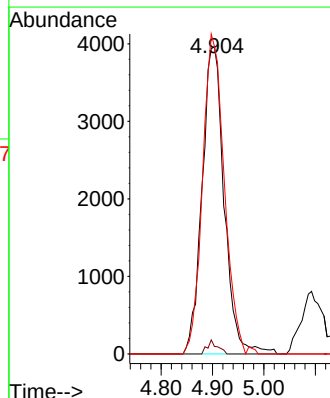
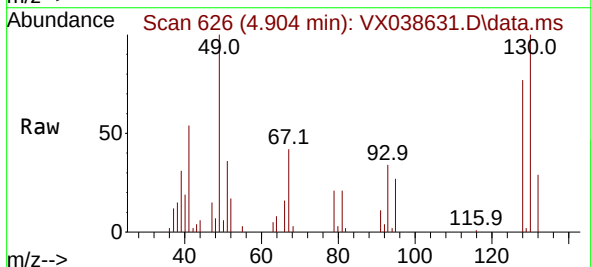
Delta R.T. 0.006 min

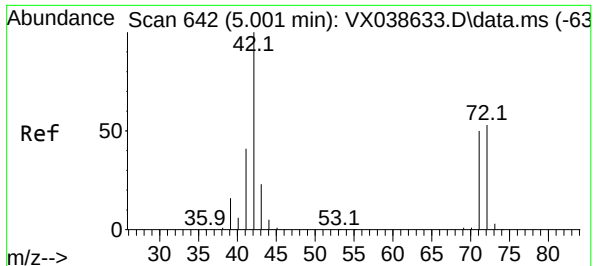
Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion: 49 Resp: 11826

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	102.0	57.5	86.3





#29

Tetrahydrofuran

Concen: 24.343 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.013 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

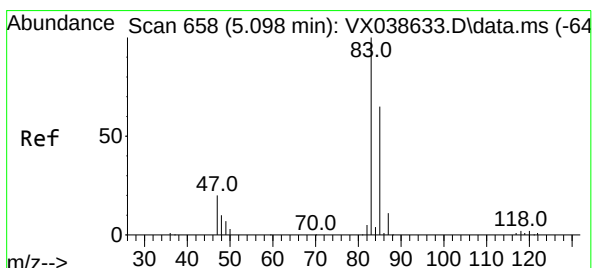
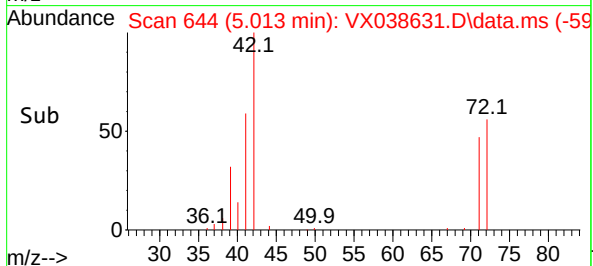
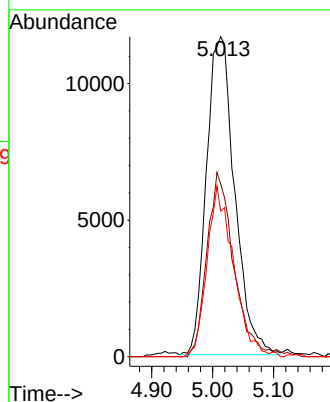
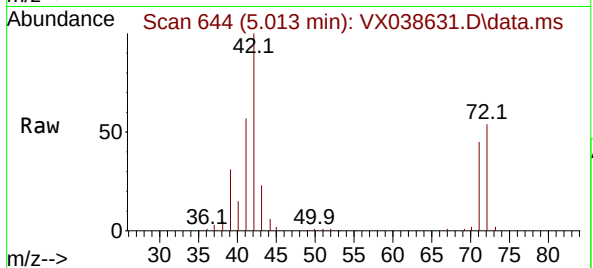
Tgt Ion:	42	Resp:	37624
Ion Ratio	Lower	Upper	
42	100		
72	55.5	34.2	51.4
71	50.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#30

Chloroform

Concen: 4.962 ug/l

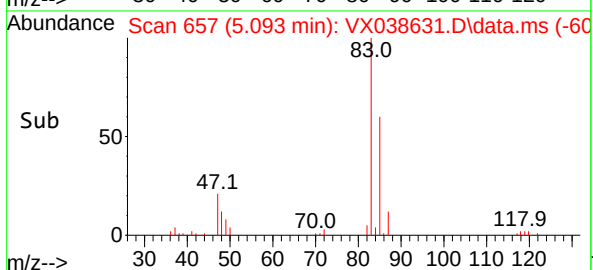
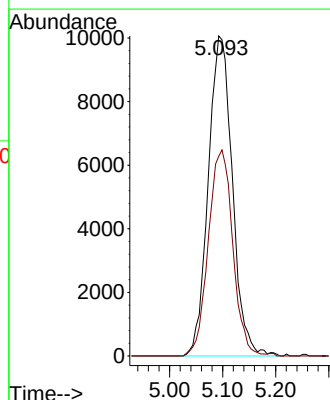
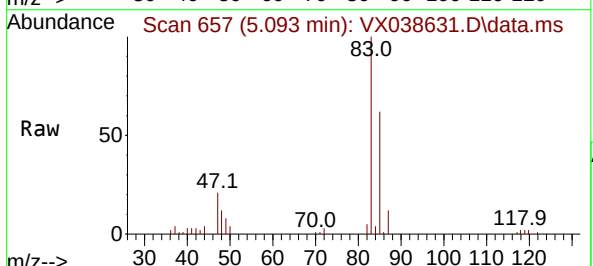
RT: 5.093 min Scan# 657

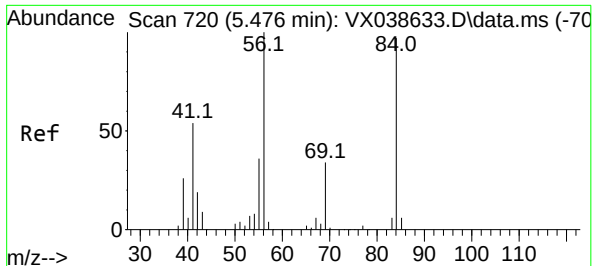
Delta R.T. -0.006 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion:	83	Resp:	31738
Ion Ratio	Lower	Upper	
83	100		
85	62.4	50.3	75.5





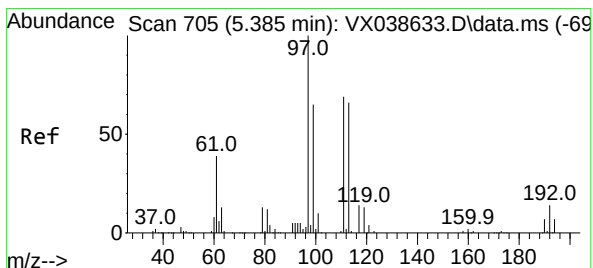
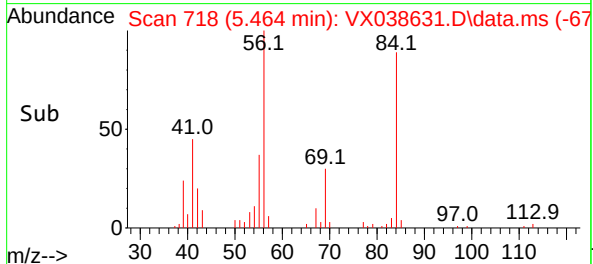
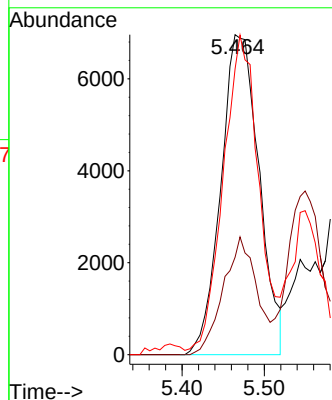
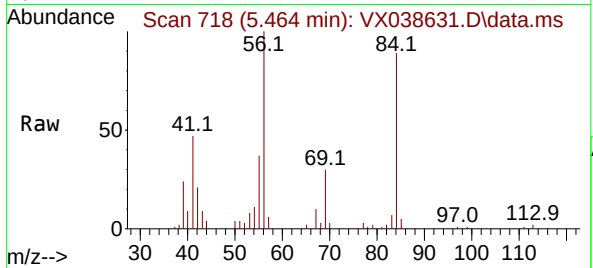
#31
Cyclohexane
Concen: 4.976 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 2242
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.2
84 86.9 65.9 98.9

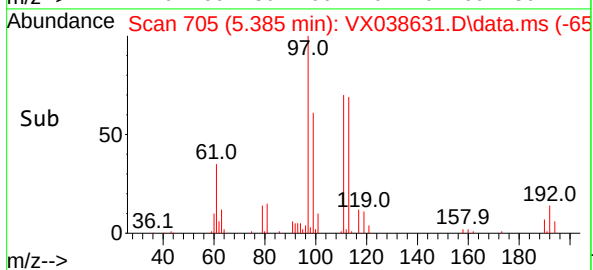
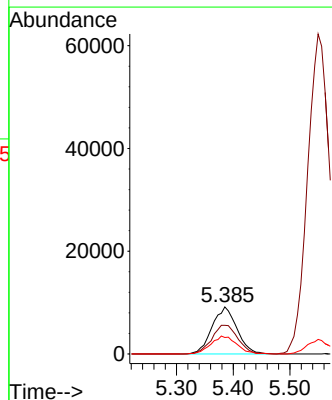
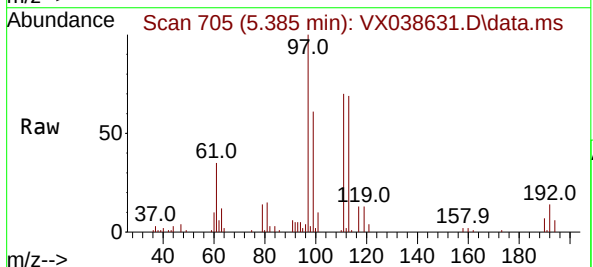
Manual Integrations
APPROVED

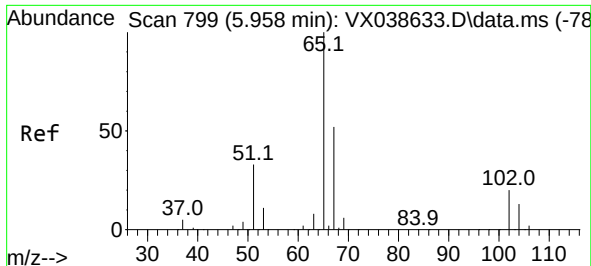
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#32
1,1,1-Trichloroethane
Concen: 4.938 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion: 97 Resp: 27798
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 39.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.690 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 23169

Ion Ratio Lower Upper

65 100

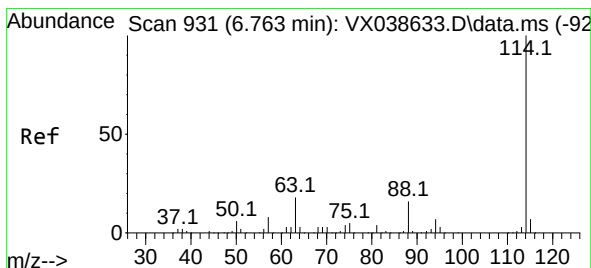
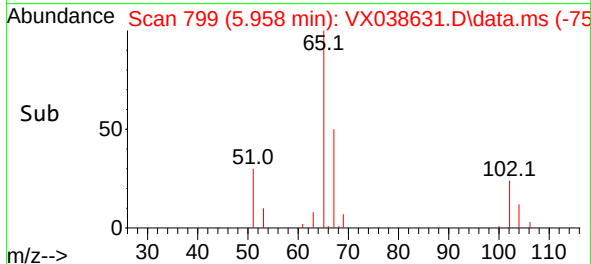
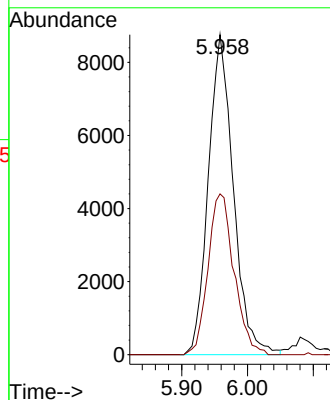
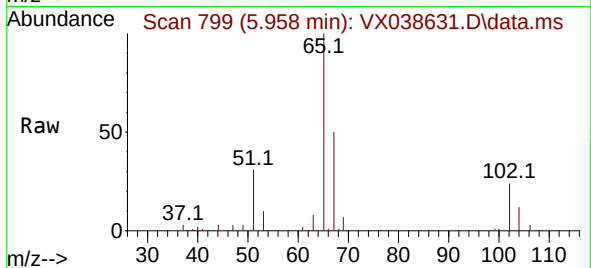
67 52.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

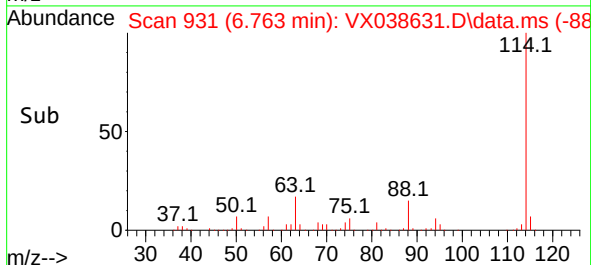
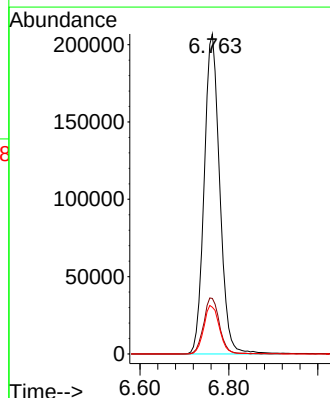
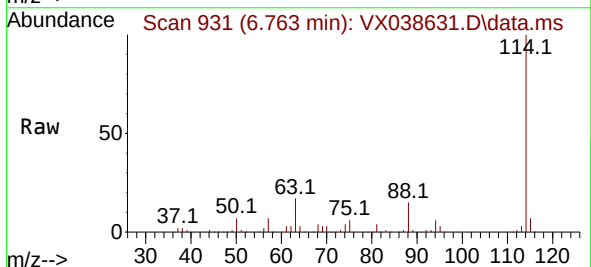
Tgt Ion:114 Resp: 503572

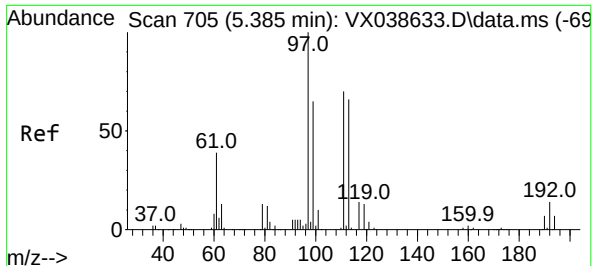
Ion Ratio Lower Upper

114 100

63 17.4 0.0 45.0

88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.296 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

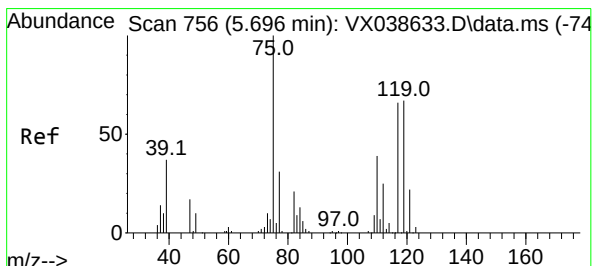
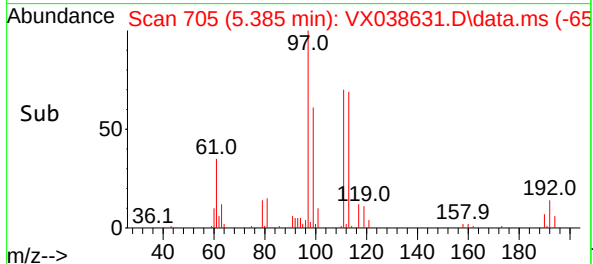
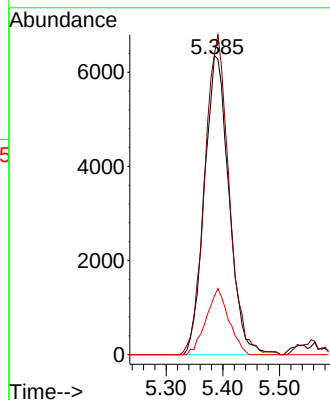
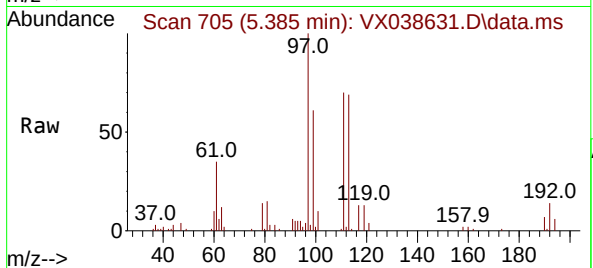
Tgt Ion:	113	Resp:	1920
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.9	124.3
192	20.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#36

1,1-Dichloropropene

Concen: 4.751 ug/l

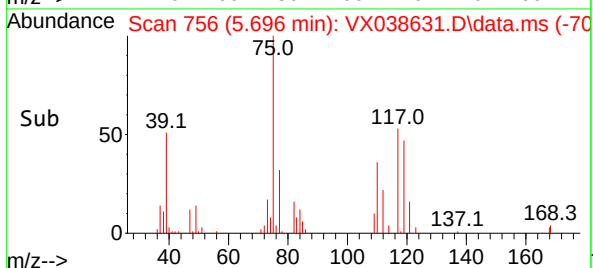
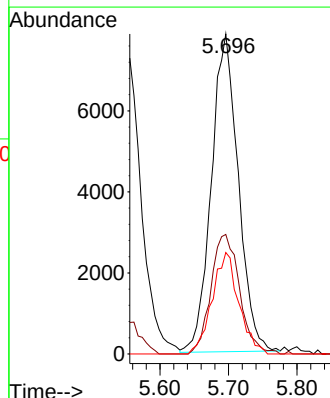
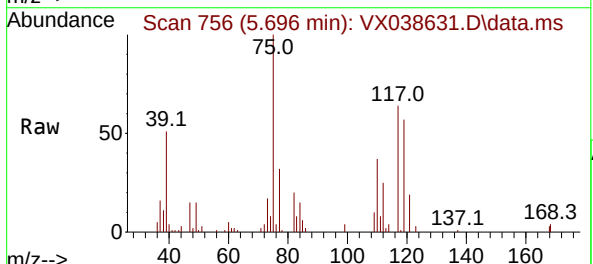
RT: 5.696 min Scan# 756

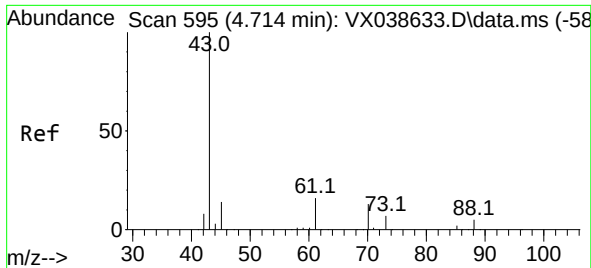
Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion:	75	Resp:	21405
Ion	Ratio	Lower	Upper
75	100		
110	40.0	17.0	50.9
77	31.5	24.7	37.1





#37

Ethyl Acetate

Concen: 4.814 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

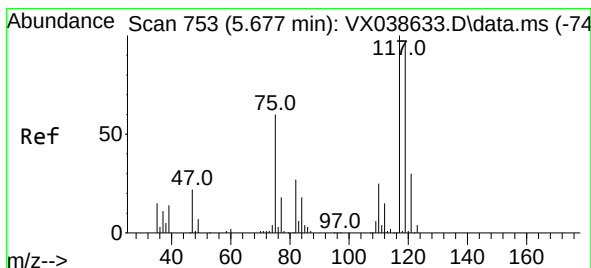
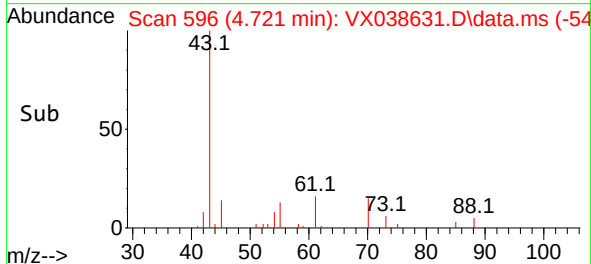
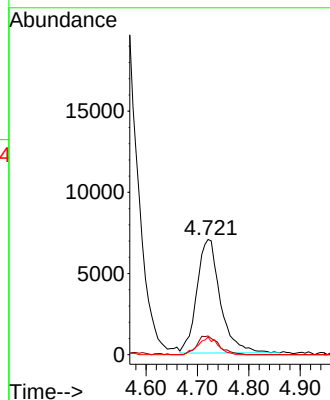
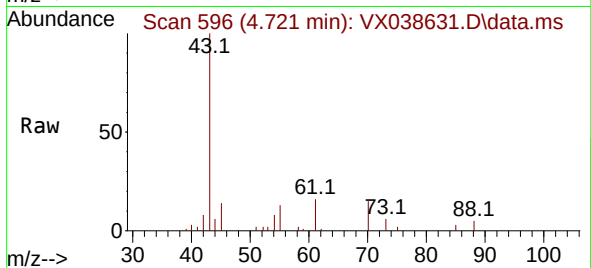
Tgt Ion: 43	Resp: 2214
Ion Ratio	Lower Upper
43 100	
61 15.5	10.6 16.0
70 13.0	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#38

Carbon Tetrachloride

Concen: 4.741 ug/l

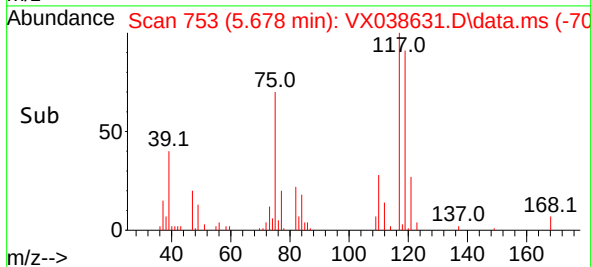
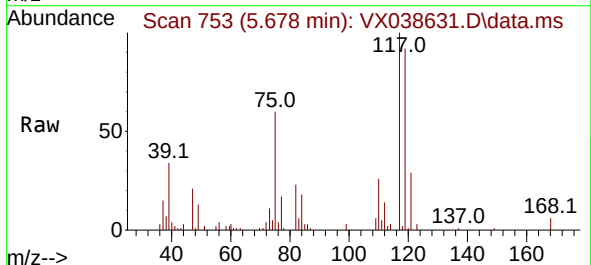
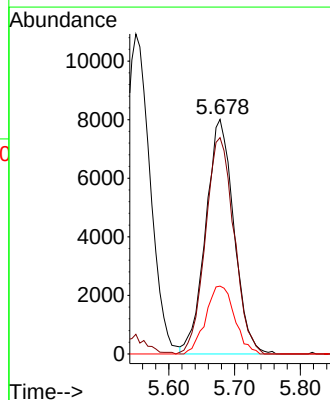
RT: 5.678 min Scan# 753

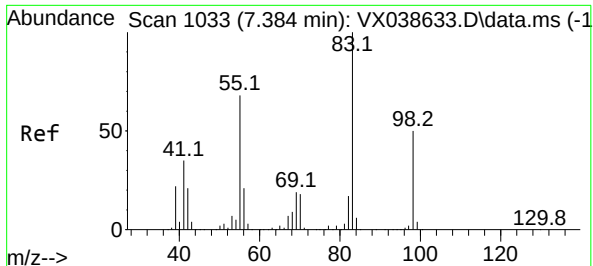
Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion: 117	Resp: 23878
Ion Ratio	Lower Upper
117 100	
119 92.2	78.2 117.2
121 28.9	24.4 36.6





#39

Methylcyclohexane

Concen: 4.789 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 2697

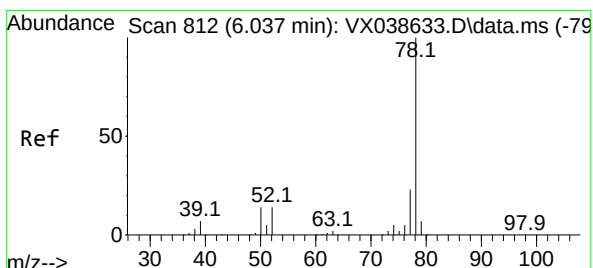
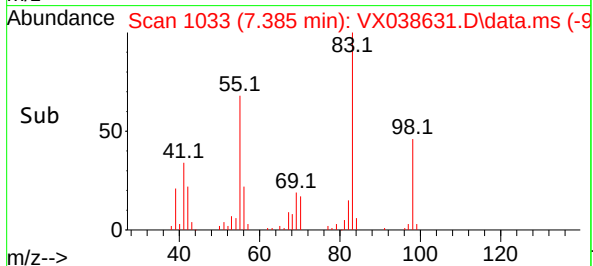
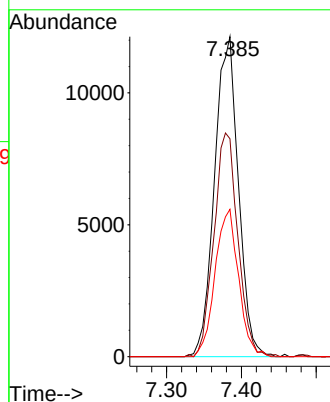
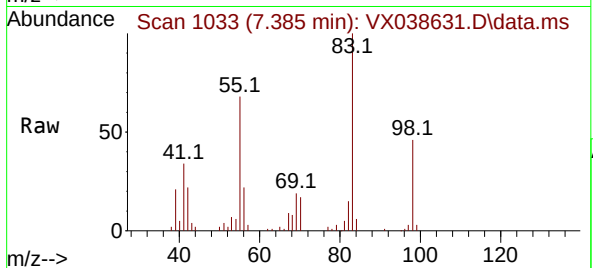
Ion	Ratio	Lower	Upper
83	100		
55	68.1	64.6	97.0
98	46.1	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#40

Benzene

Concen: 4.939 ug/l

RT: 6.037 min Scan# 812

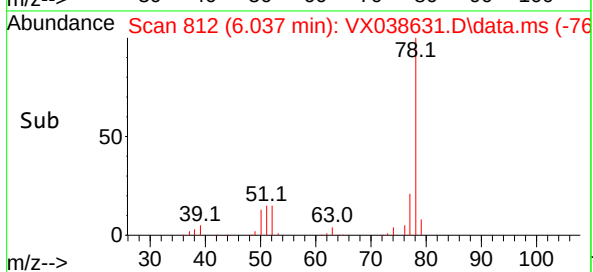
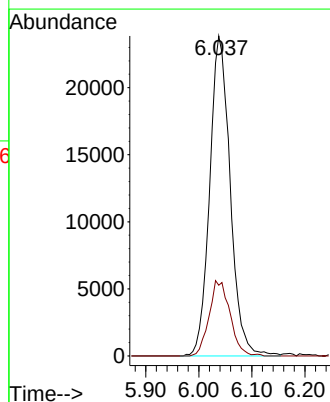
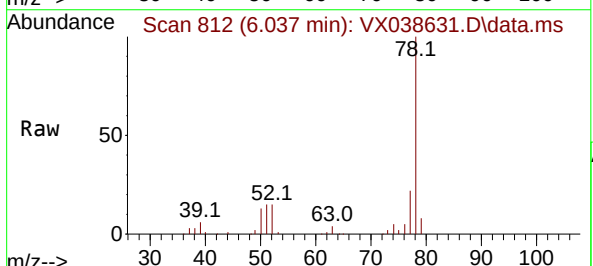
Delta R.T. 0.000 min

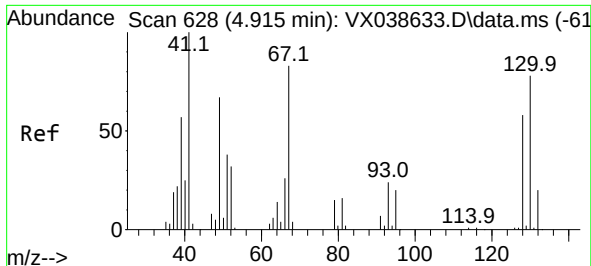
Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion: 78 Resp: 64093

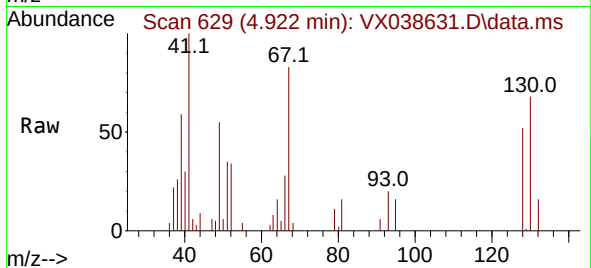
Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.3	28.9





#41
Methacrylonitrile
Concen: 4.646 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

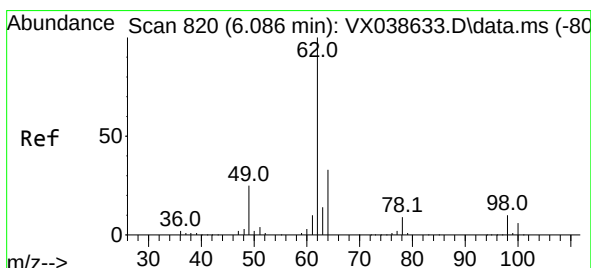
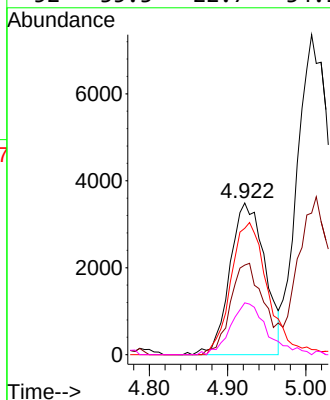
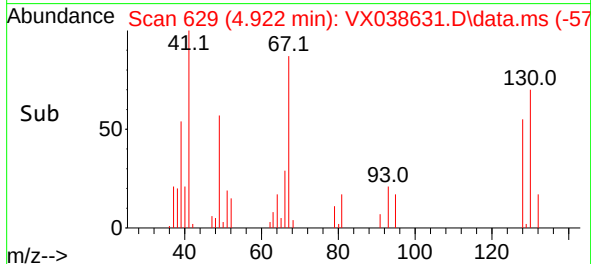
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 1088
Ion Ratio Lower Upper
41 100
39 60.0 45.2 67.8
67 92.6 52.6 78.8
52 35.3 22.7 34.1#

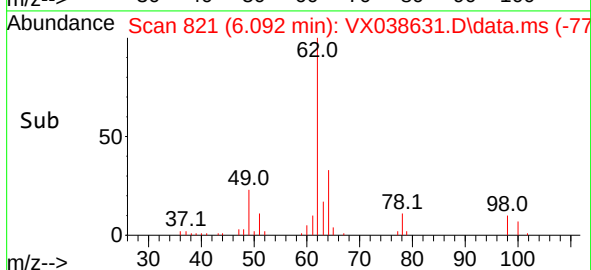
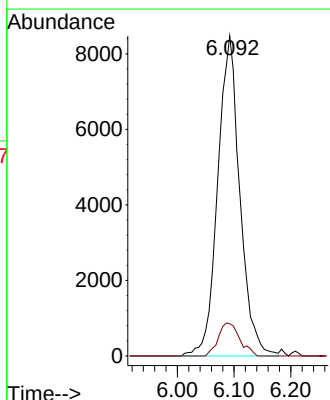
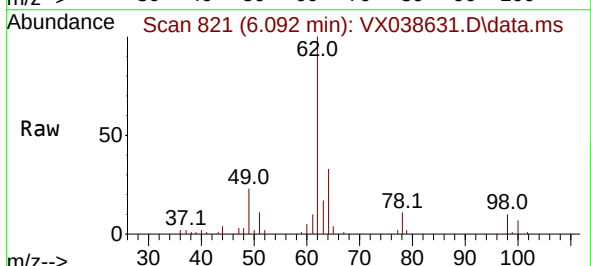
Manual Integrations
APPROVED

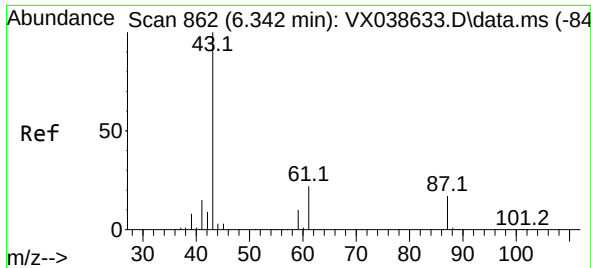
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#42
1,2-Dichloroethane
Concen: 4.905 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion: 62 Resp: 22967
Ion Ratio Lower Upper
62 100
98 10.0 0.0 16.0





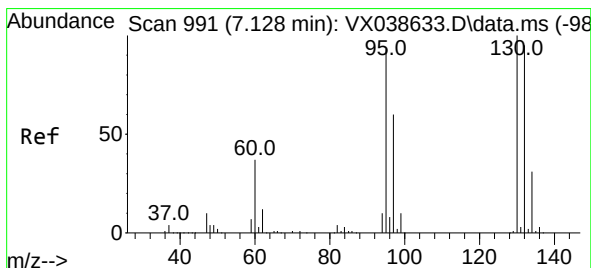
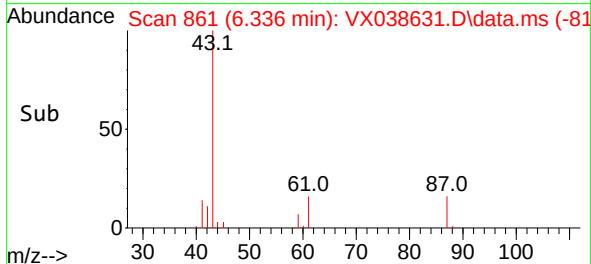
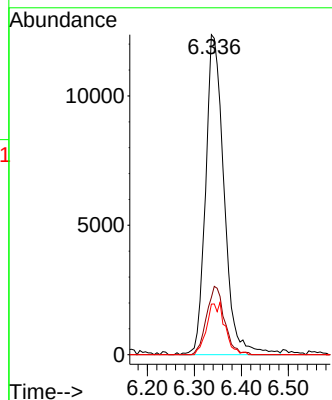
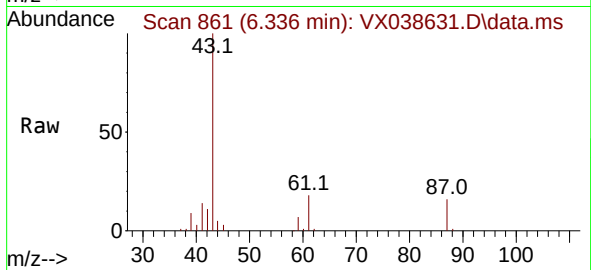
#43
Isopropyl Acetate
Concen: 4.765 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 43 Resp: 33690
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 16.1 9.8 14.6

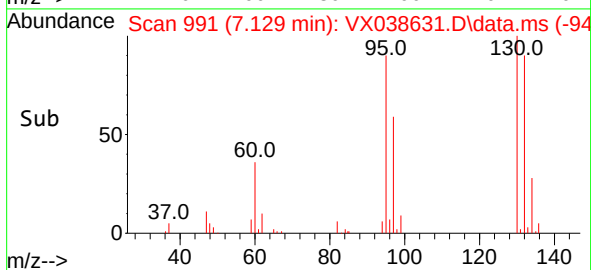
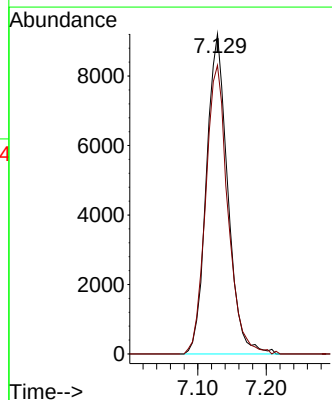
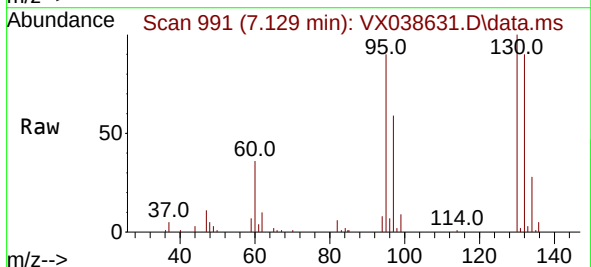
Manual Integrations
APPROVED

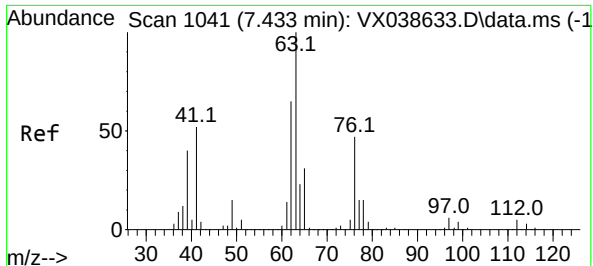
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#44
Trichloroethene
Concen: 4.936 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion:130 Resp: 19929
Ion Ratio Lower Upper
130 100
95 90.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.765 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 14940

Ion Ratio Lower Upper

63 100

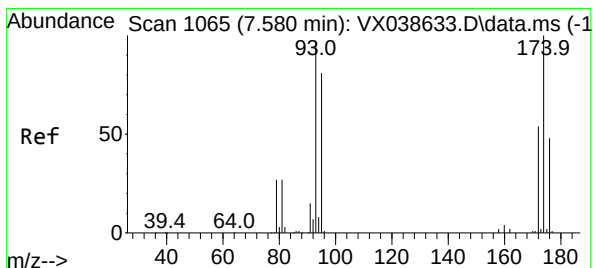
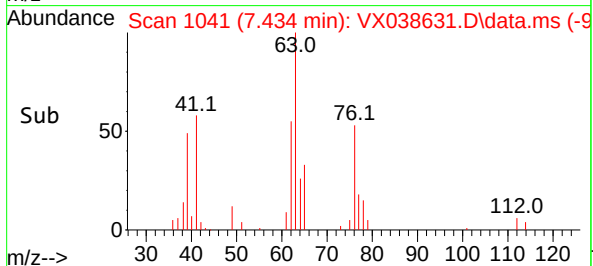
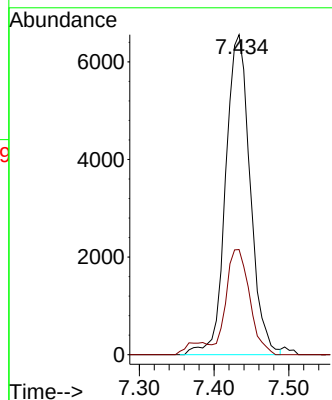
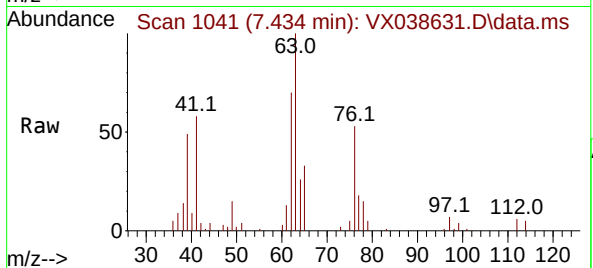
65 32.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#46

Dibromomethane

Concen: 4.926 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

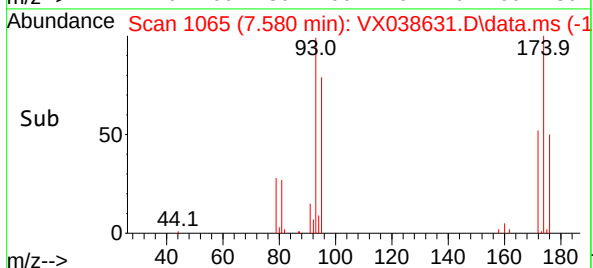
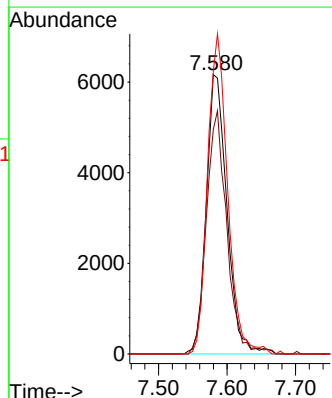
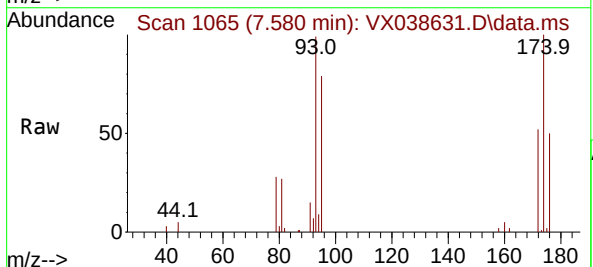
Tgt Ion: 93 Resp: 12924

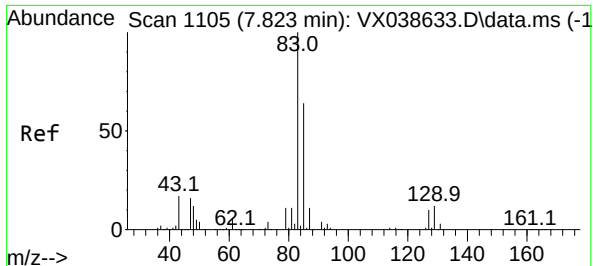
Ion Ratio Lower Upper

93 100

95 85.8 66.6 100.0

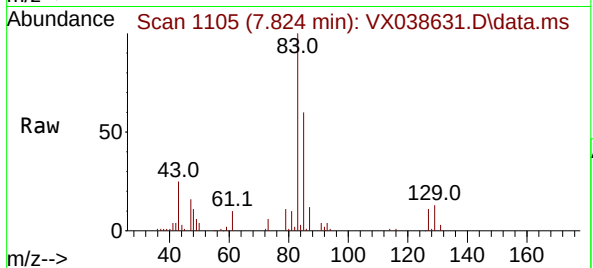
174 111.1 69.4 104.0#





#47
Bromodichloromethane
Concen: 4.835 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

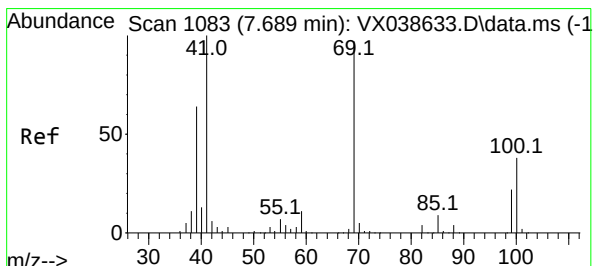
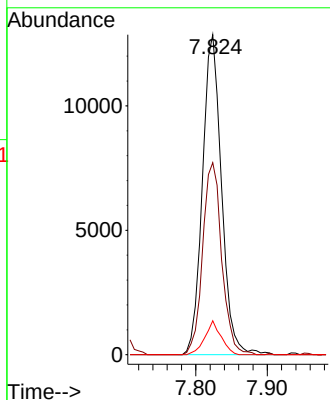
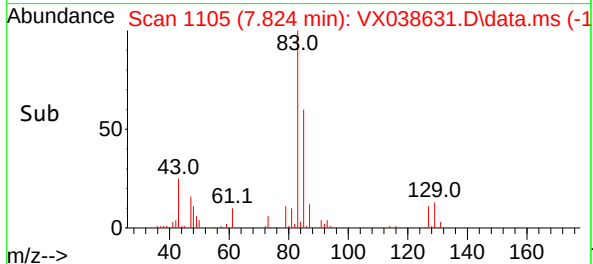
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



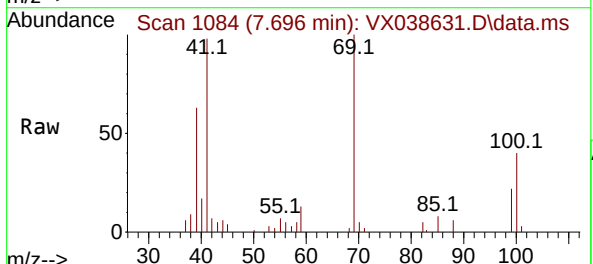
Tgt Ion: 83 Resp: 23854
Ion Ratio Lower Upper
83 100
85 60.0 49.8 74.6
127 10.6 7.1 10.7

Manual Integrations
APPROVED

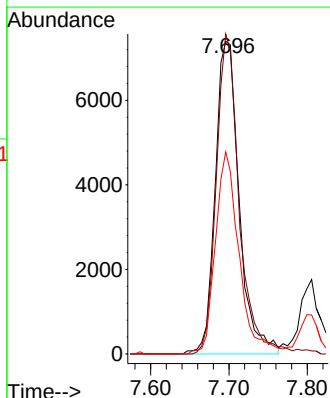
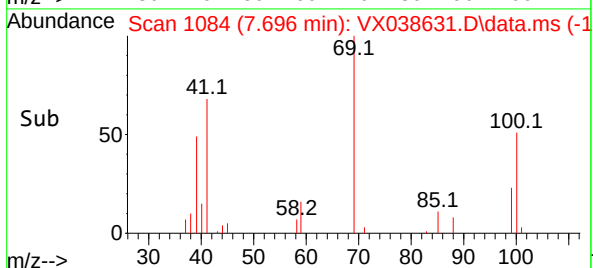
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

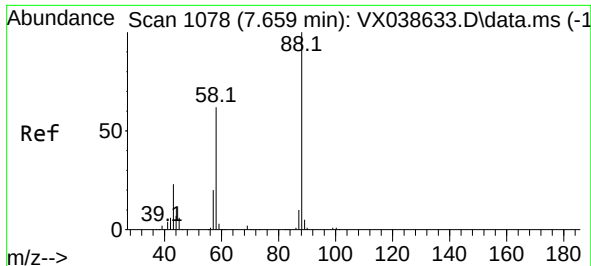


#48
Methyl methacrylate
Concen: 4.597 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59



Tgt Ion: 41 Resp: 15666
Ion Ratio Lower Upper
41 100
69 97.9 59.2 88.8#
39 64.0 47.7 71.5





#49

1,4-Dioxane

Concen: 93.769 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

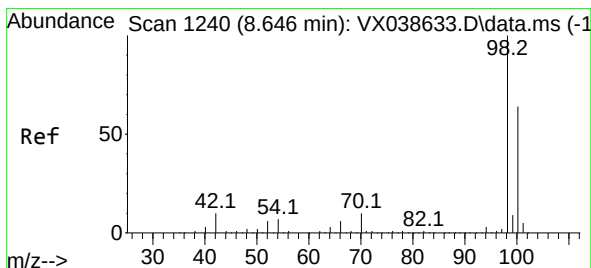
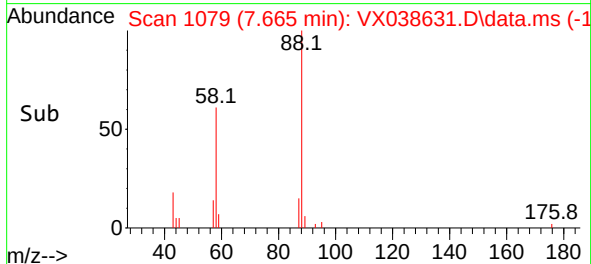
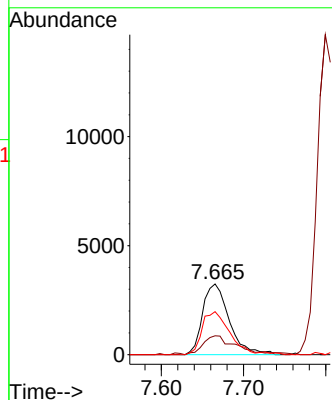
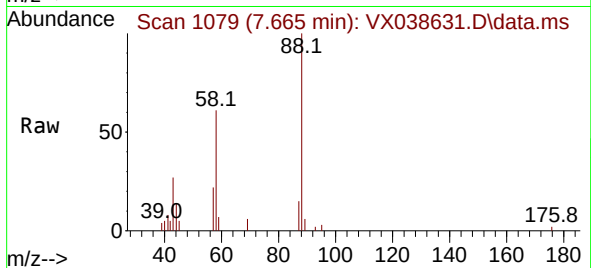
Tgt Ion: 88 Resp: 7275
 Ion Ratio Lower Upper
 88 100
 43 32.0 0.0 0.0
 58 64.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#50

Toluene-d8

Concen: 5.453 ug/l

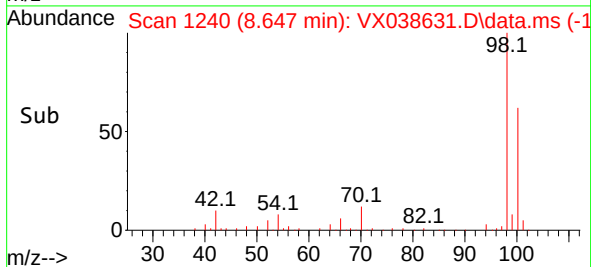
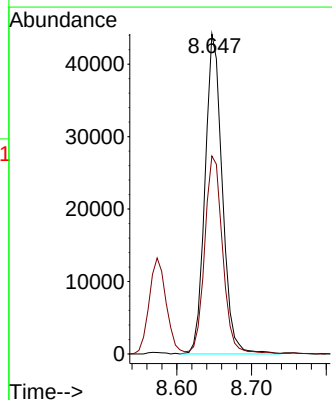
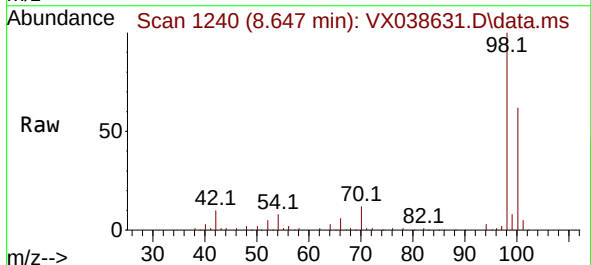
RT: 8.647 min Scan# 1240

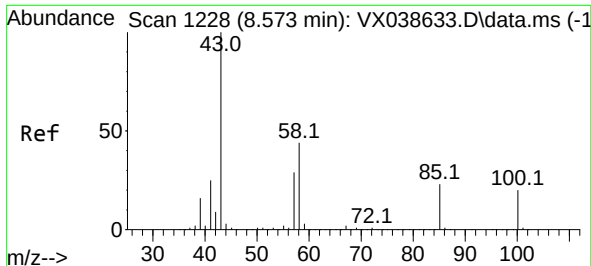
Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion: 98 Resp: 70767
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 24.337 ug/l

RT: 8.574 min Scan# 11213

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 11213

Ion Ratio Lower Upper

43 100

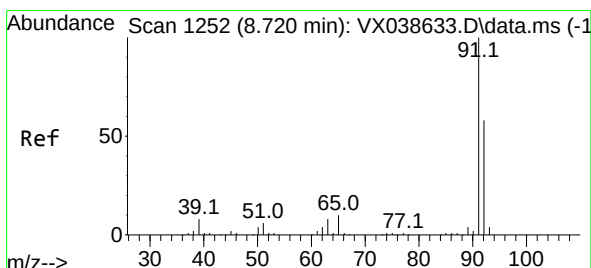
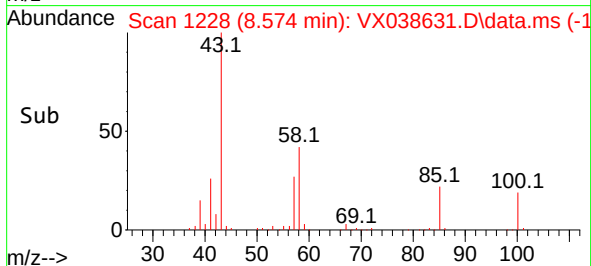
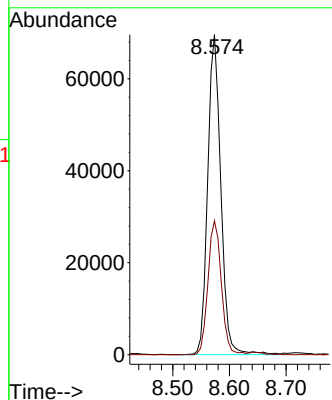
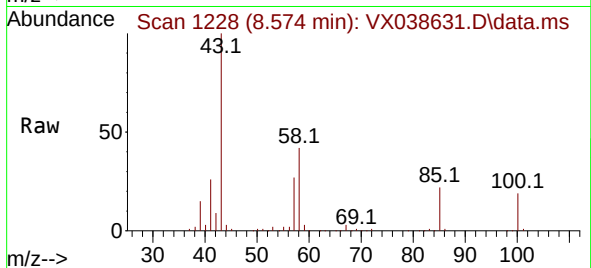
58 42.5 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#52

Toluene

Concen: 4.936 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038631.D

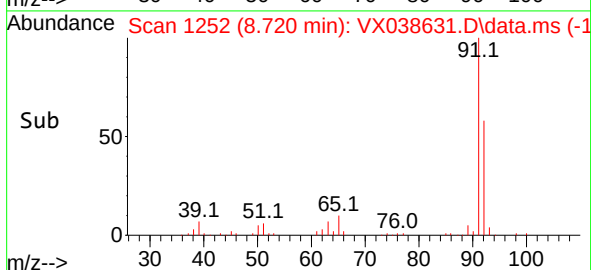
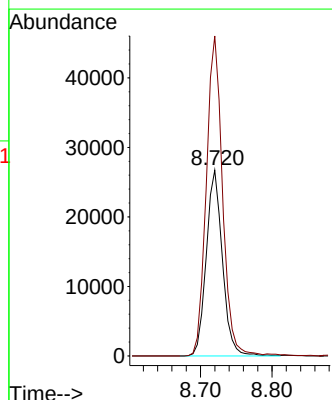
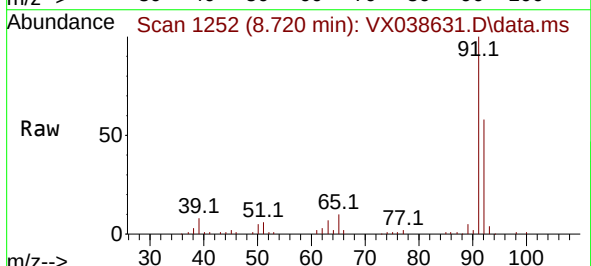
Acq: 07 Nov 2023 13:59

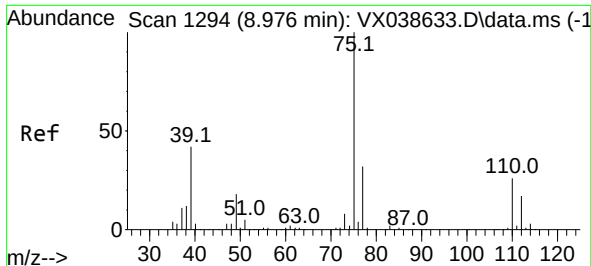
Tgt Ion: 92 Resp: 41963

Ion Ratio Lower Upper

92 100

91 172.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.558 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 2289

Ion Ratio Lower Upper

75 100

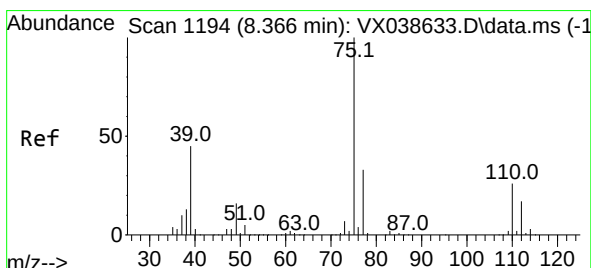
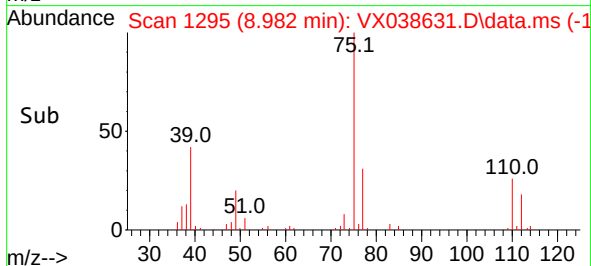
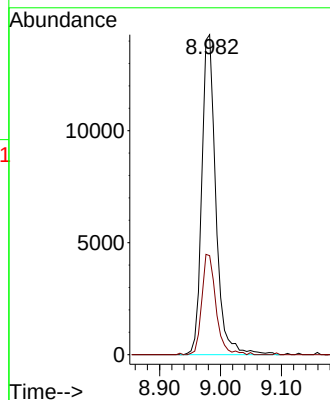
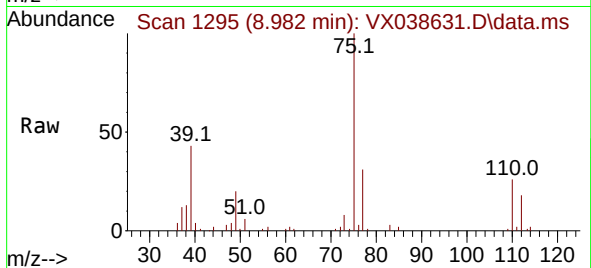
77 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#54

cis-1,3-Dichloropropene

Concen: 4.603 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

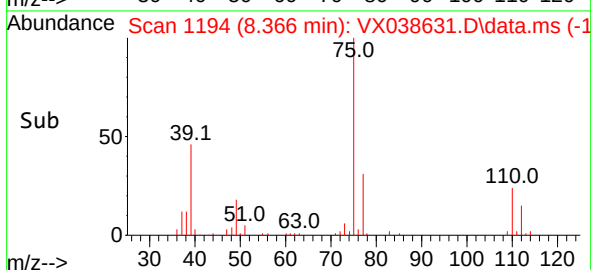
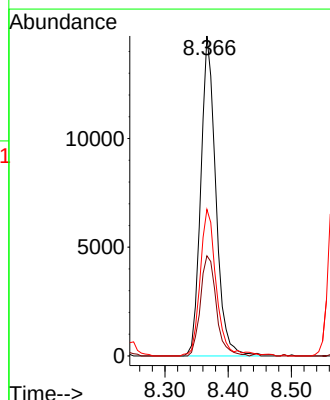
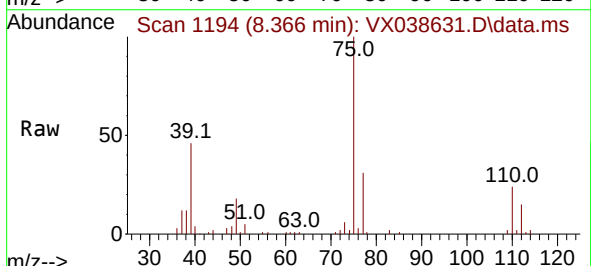
Tgt Ion: 75 Resp: 24405

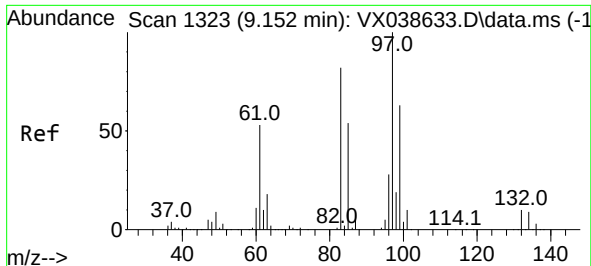
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 45.8 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 4.909 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

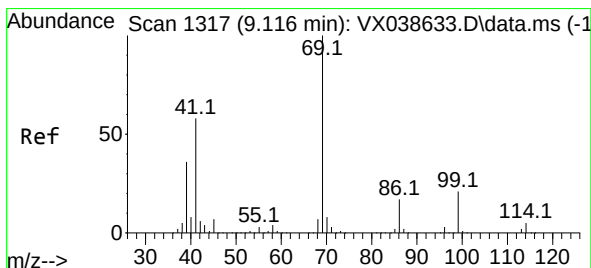
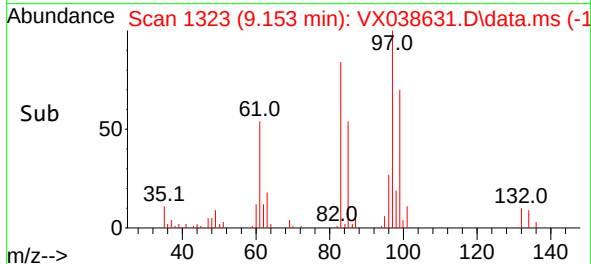
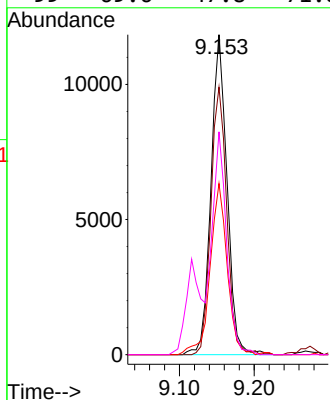
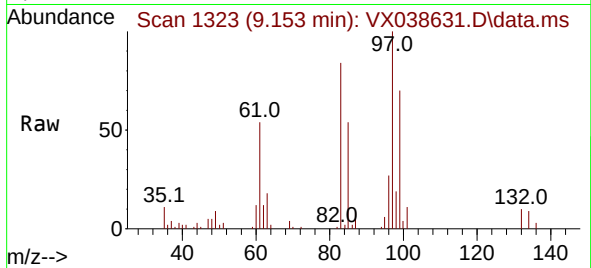
VSTDIC005

Tgt Ion: 97 Resp: 17700
Ion Ratio Lower Upper
97 100
83 83.6 65.8 98.8
85 53.5 41.6 62.4
99 69.6 47.8 71.8

Manual Integrations

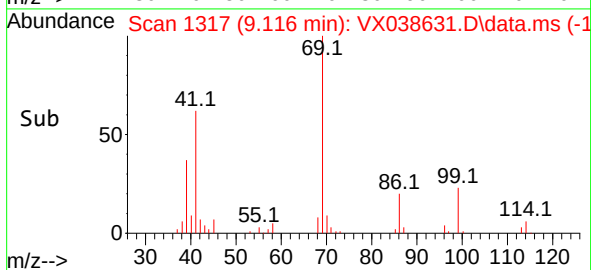
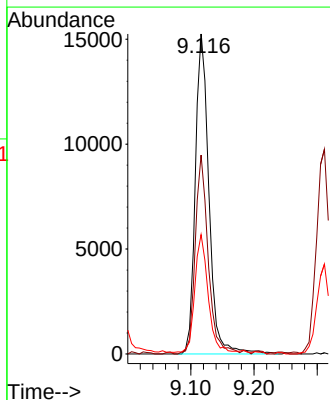
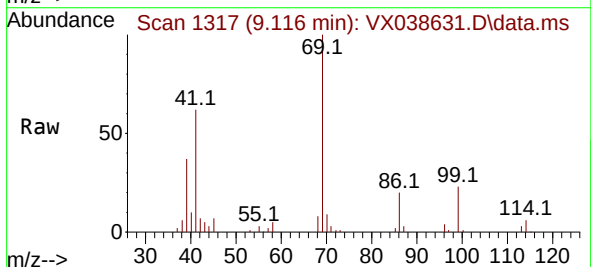
APPROVED

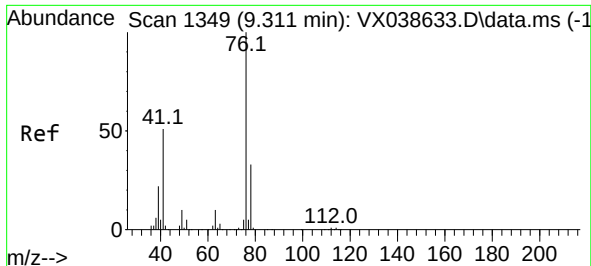
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#56
Ethyl methacrylate
Concen: 4.546 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion: 69 Resp: 22943
Ion Ratio Lower Upper
69 100
41 58.9 56.8 85.2
39 35.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 4.833 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 2715

Ion Ratio Lower Upper

76 100

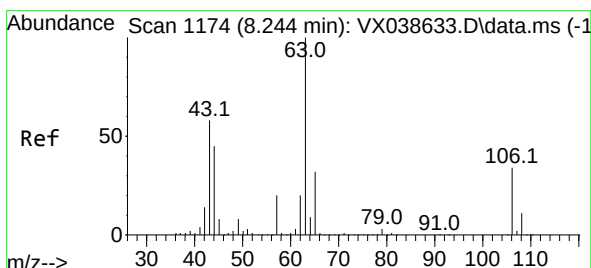
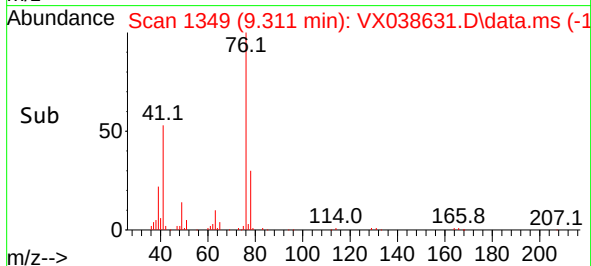
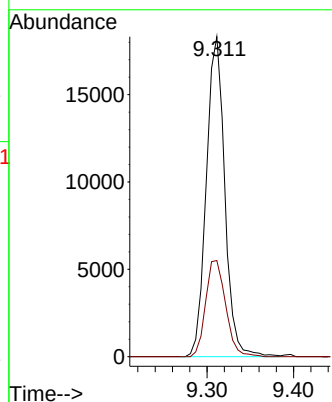
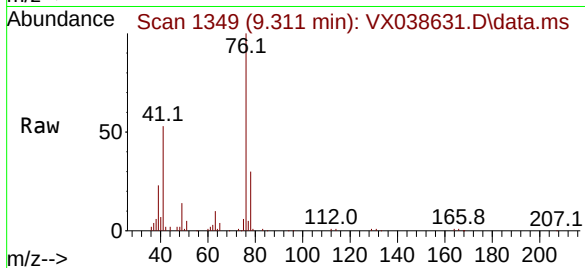
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 23.328 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038631.D

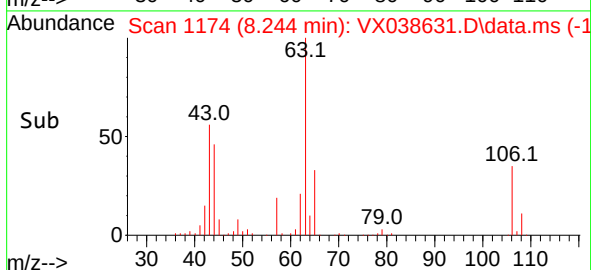
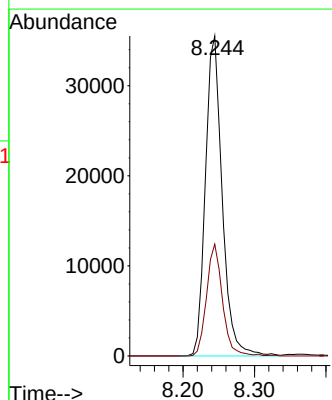
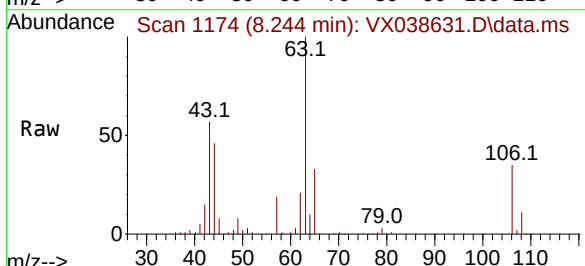
Acq: 07 Nov 2023 13:59

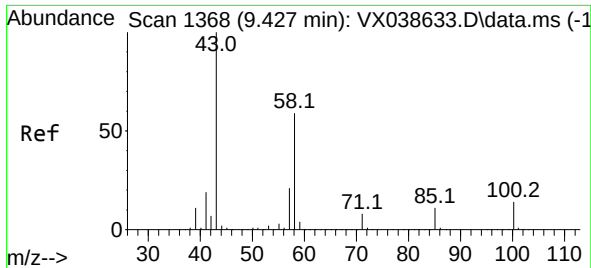
Tgt Ion: 63 Resp: 57881

Ion Ratio Lower Upper

63 100

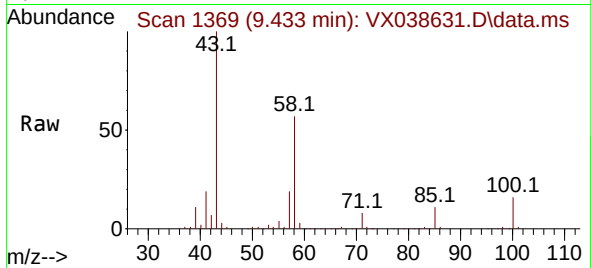
106 33.3 22.5 33.7





#59
2-Hexanone
Concen: 23.834 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

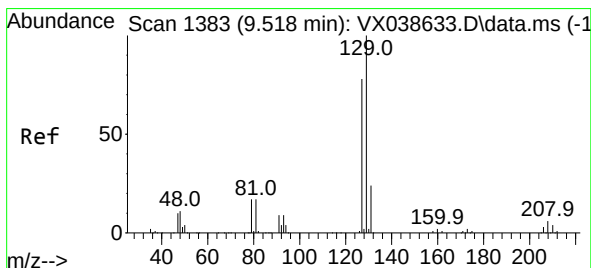
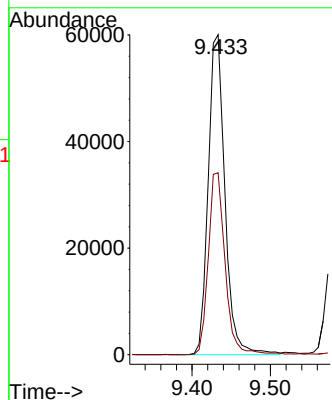
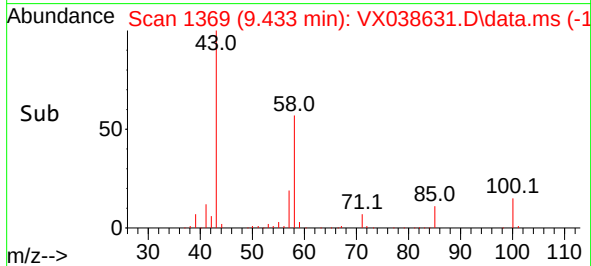
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 8885
Ion Ratio Lower Upper
43 100
58 57.3 26.2 78.5

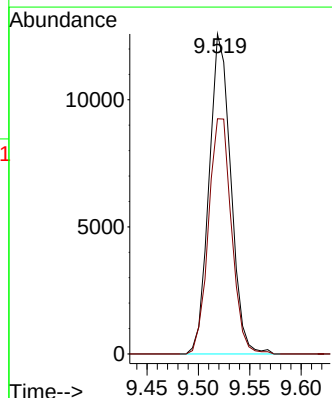
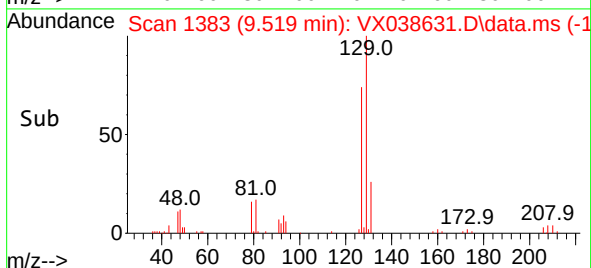
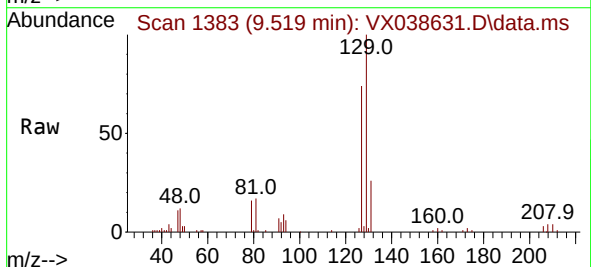
Manual Integrations
APPROVED

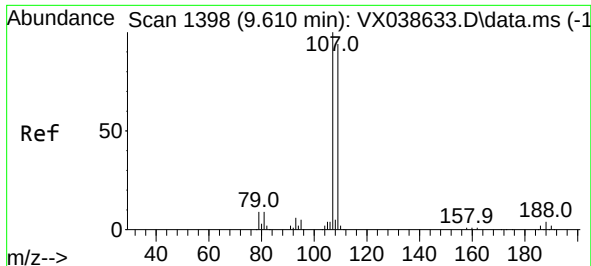
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#60
Dibromochloromethane
Concen: 4.570 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion:129 Resp: 18502
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





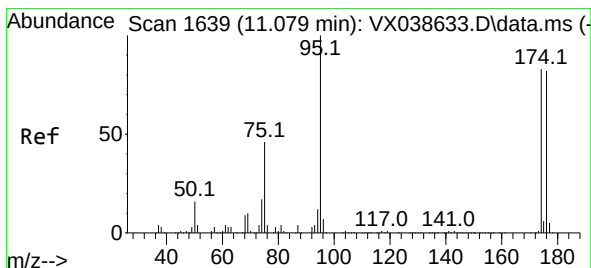
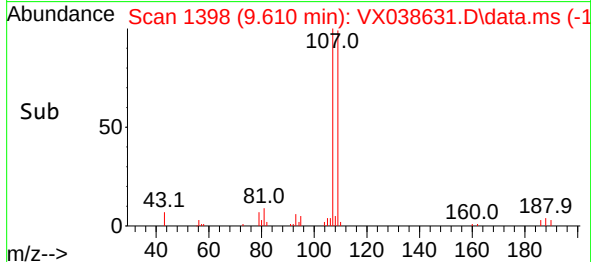
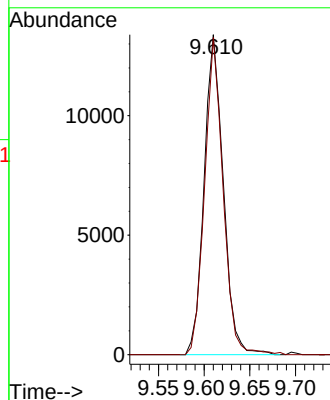
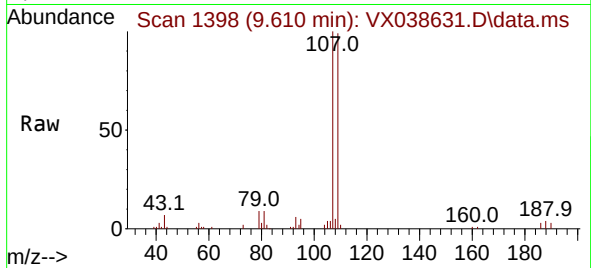
#61
1,2-Dibromoethane
Concen: 4.828 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 19572
Ion Ratio Lower Upper
107 100
109 95.2 75.2 112.8

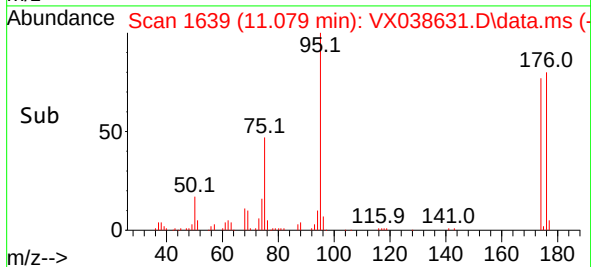
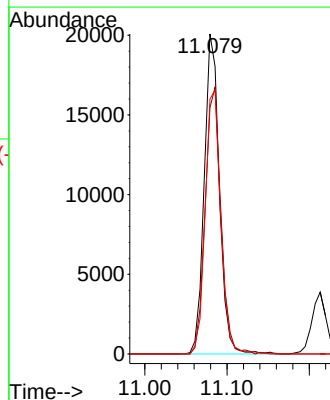
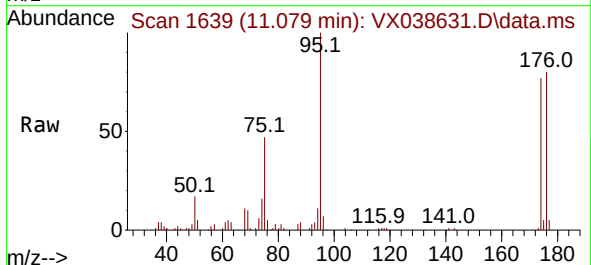
Manual Integrations
APPROVED

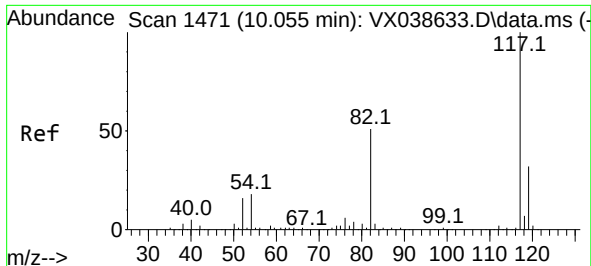
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#62
4-Bromofluorobenzene
Concen: 5.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

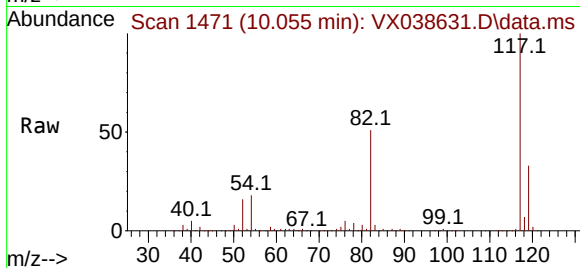
Tgt Ion: 95 Resp: 25589
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 85.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

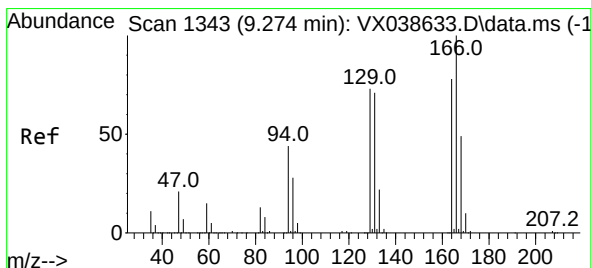
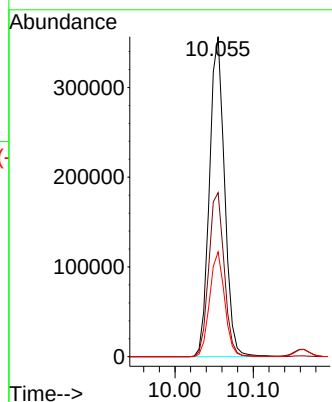
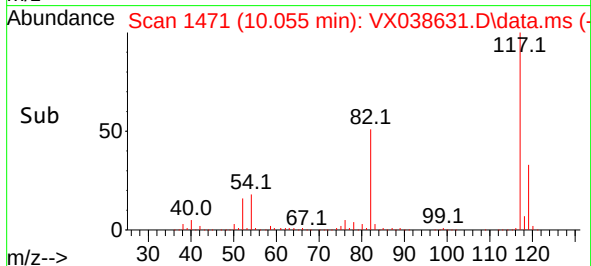
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 47776
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.8 25.5 38.3

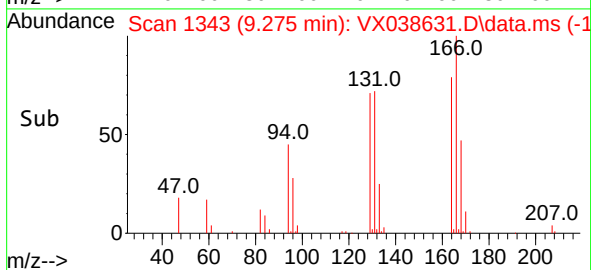
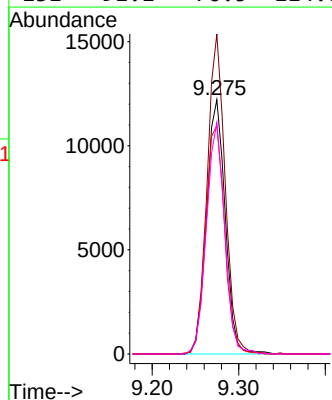
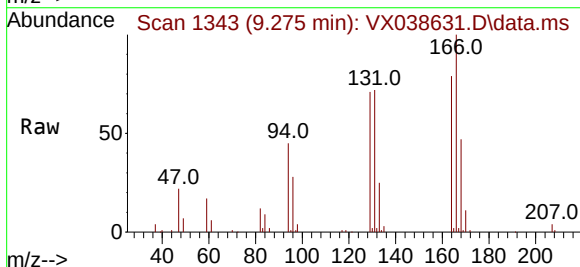
Manual Integrations
APPROVED

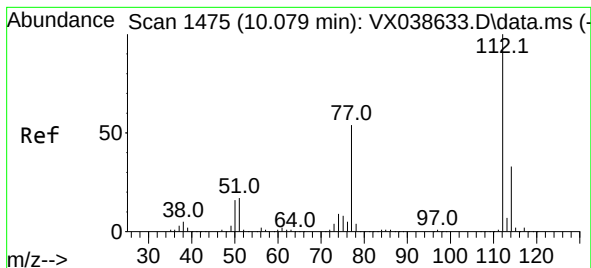
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#64
Tetrachloroethene
Concen: 5.098 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

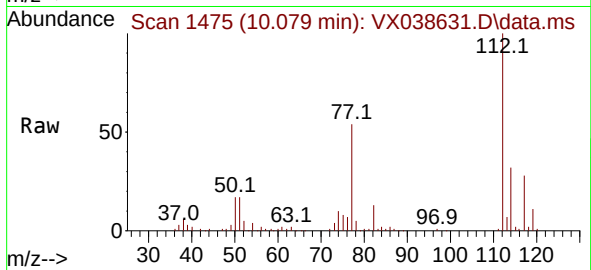
Tgt Ion:164 Resp: 18230
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 89.7 80.4 120.6
131 91.1 76.5 114.7





#65
Chlorobenzene
Concen: 4.950 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

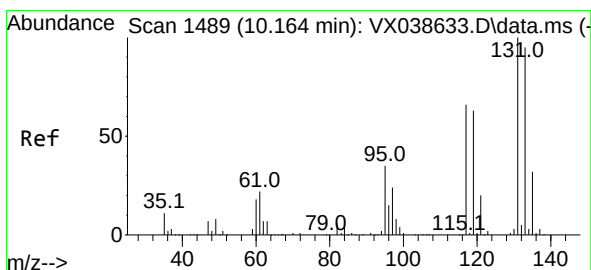
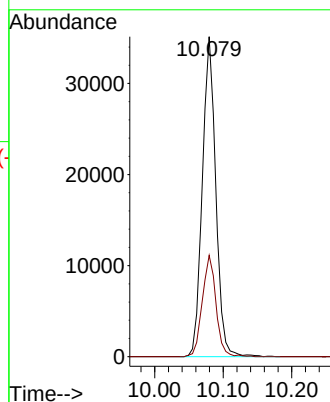
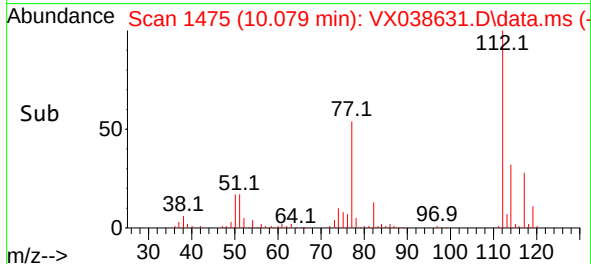
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



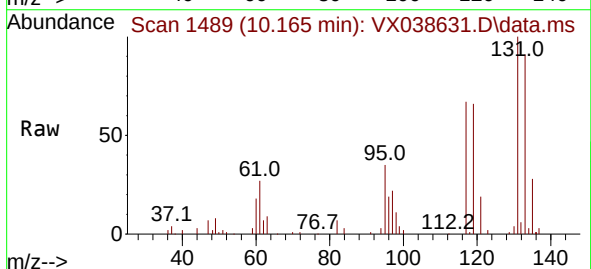
Tgt Ion:112 Resp: 4814
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

Manual Integrations
APPROVED

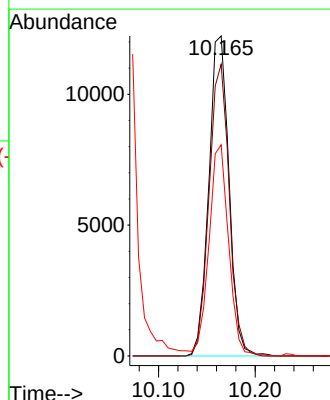
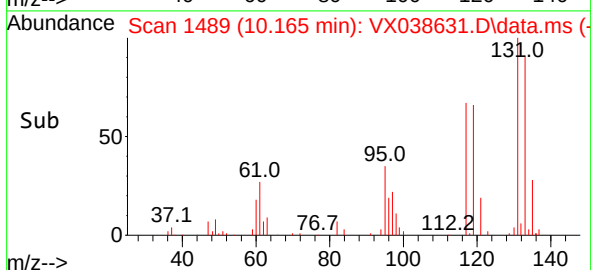
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

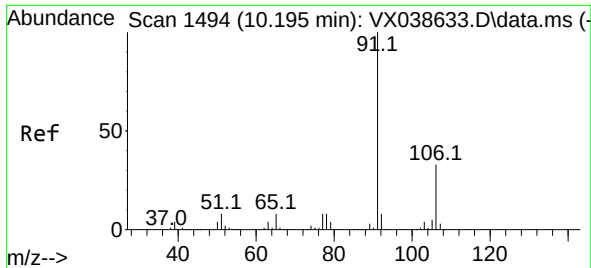


#66
1,1,1,2-Tetrachloroethane
Concen: 4.857 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59



Tgt Ion:131 Resp: 17759
Ion Ratio Lower Upper
131 100
133 91.0 47.1 141.4
119 64.5 32.2 96.6





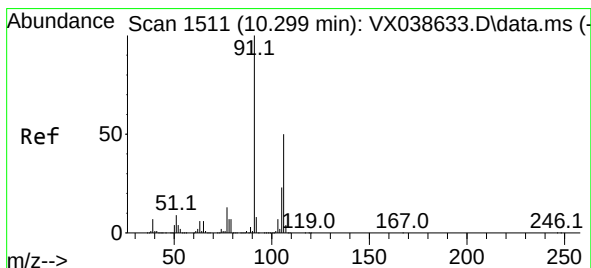
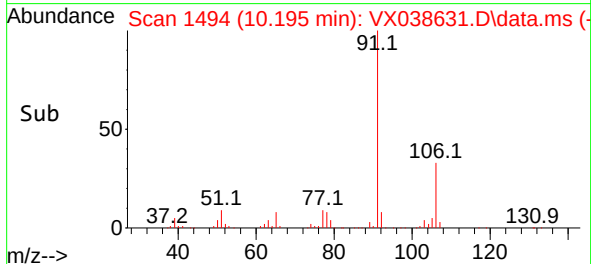
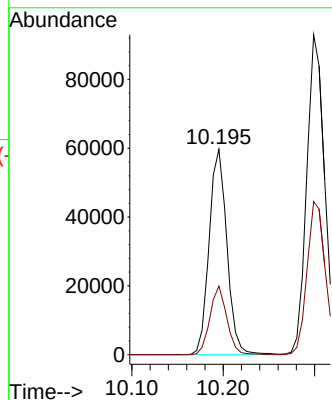
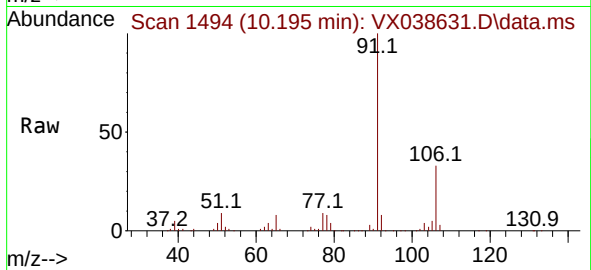
#67
Ethyl Benzene
Concen: 4.900 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 80614
Ion Ratio Lower Upper
91 100
106 33.4 24.9 37.3

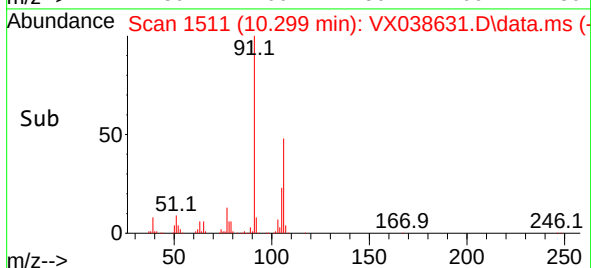
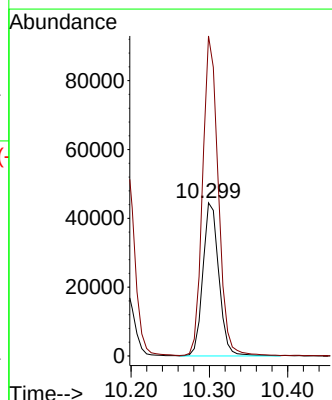
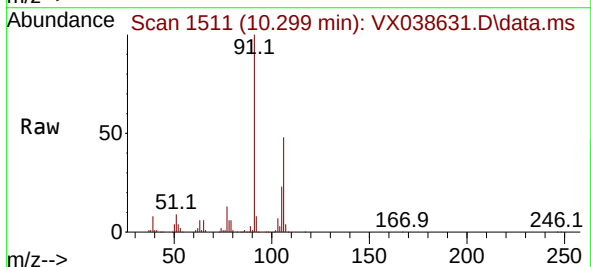
Manual Integrations
APPROVED

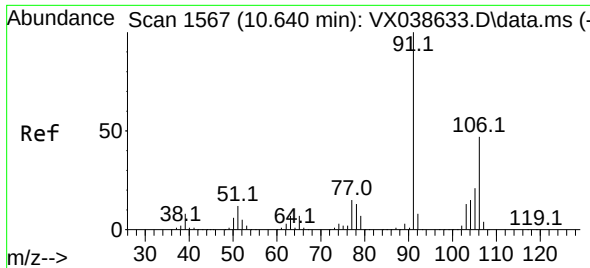
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#68
m/p-Xylenes
Concen: 9.649 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion:106 Resp: 62999
Ion Ratio Lower Upper
106 100
91 204.0 165.5 248.3





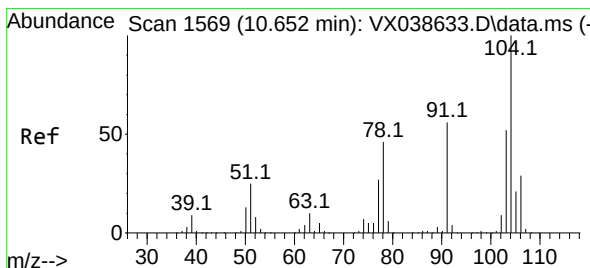
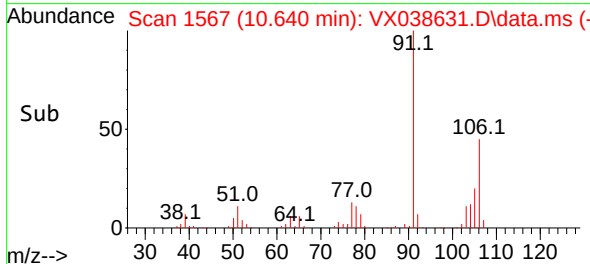
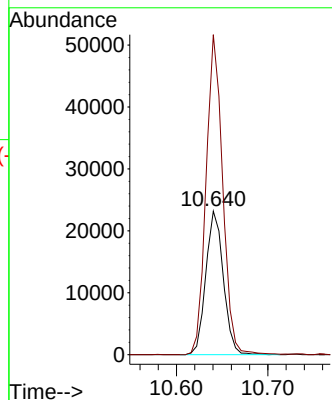
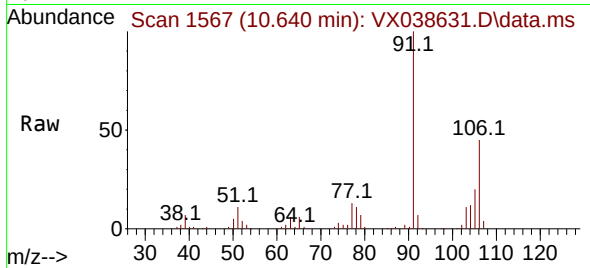
#69
o-Xylene
Concen: 4.855 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 30828
Ion Ratio Lower Upper
106 100
91 211.2 108.9 326.8

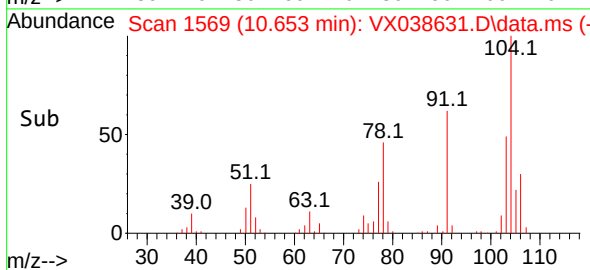
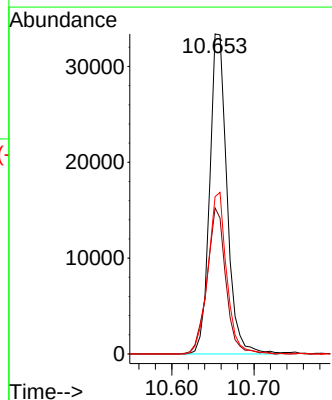
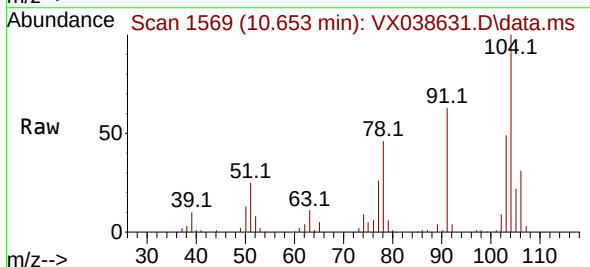
Manual Integrations
APPROVED

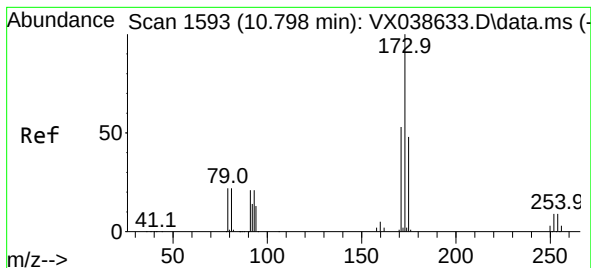
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#70
Styrene
Concen: 4.676 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

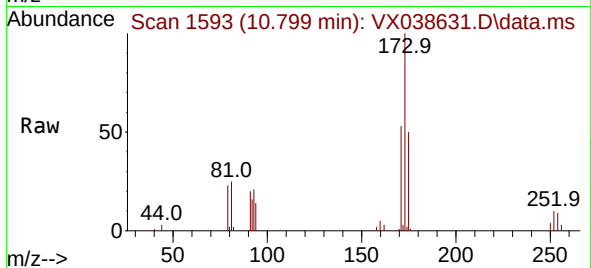
Tgt Ion:104 Resp: 48997
Ion Ratio Lower Upper
104 100
78 49.5 43.6 65.4
103 54.7 43.6 65.4





#71
Bromoform
Concen: 4.369 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

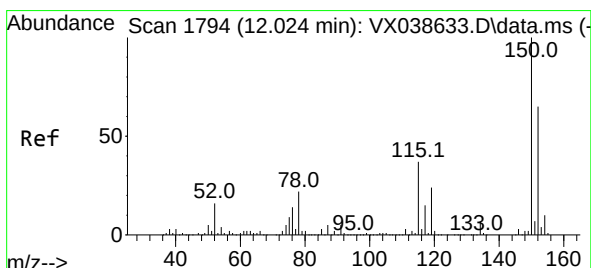
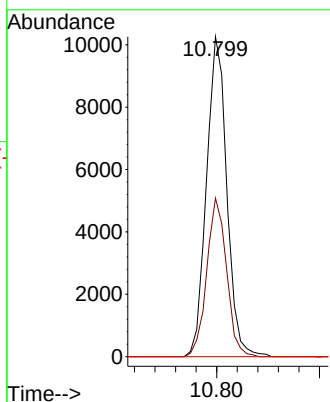
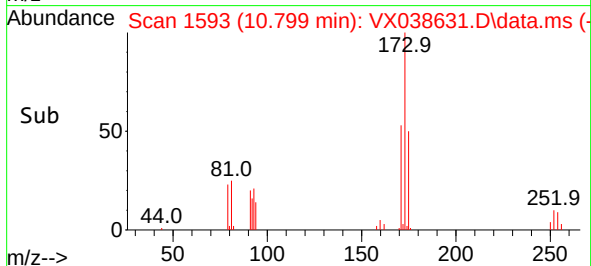
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



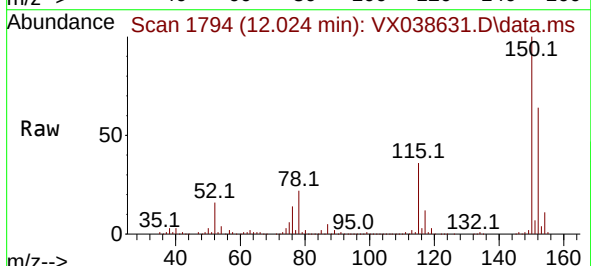
Tgt Ion:173 Resp: 14099
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

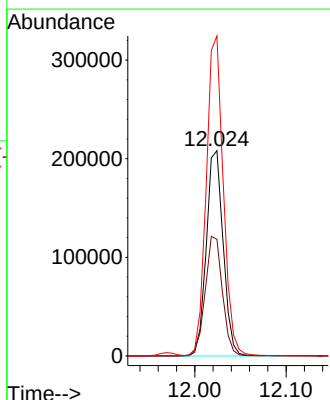
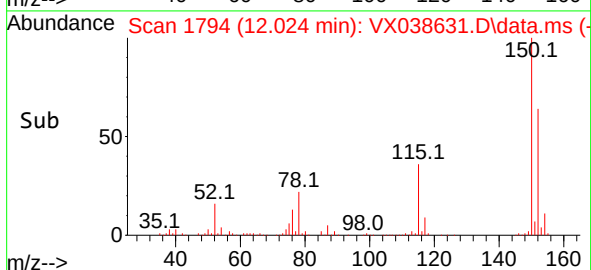
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

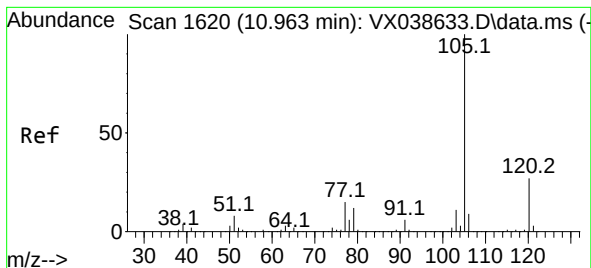


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59



Tgt Ion:152 Resp: 266033
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 157.3 0.0 345.0





#73

Isopropylbenzene

Concen: 4.923 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 80350

Ion Ratio Lower Upper

105 100

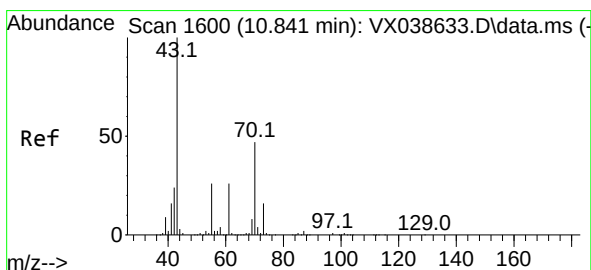
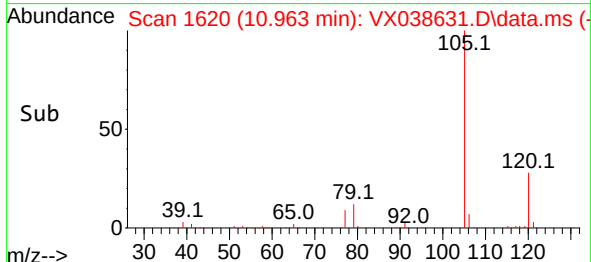
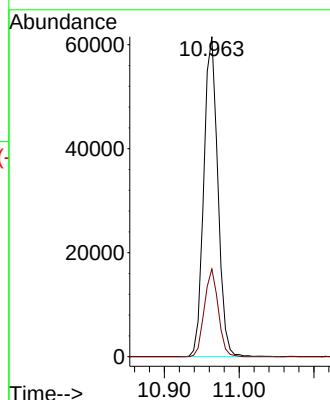
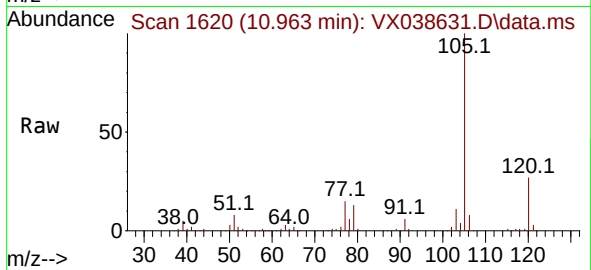
120 26.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#74

N-ethyl acetate

Concen: 4.425 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion: 43 Resp: 25091

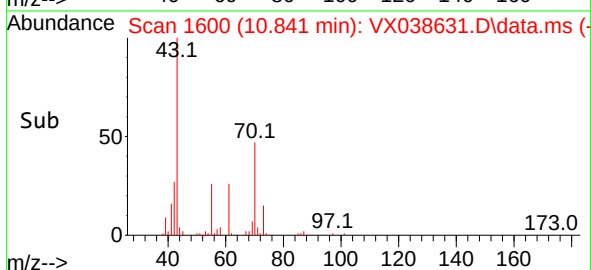
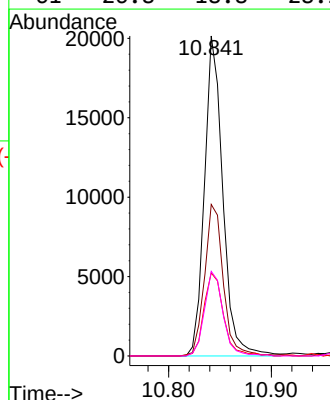
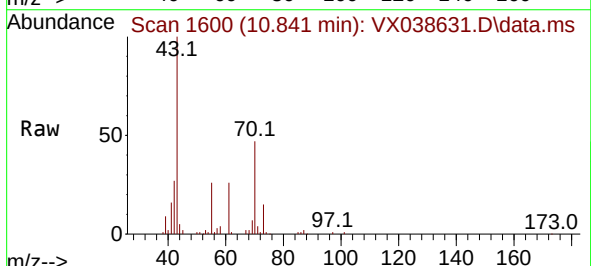
Ion Ratio Lower Upper

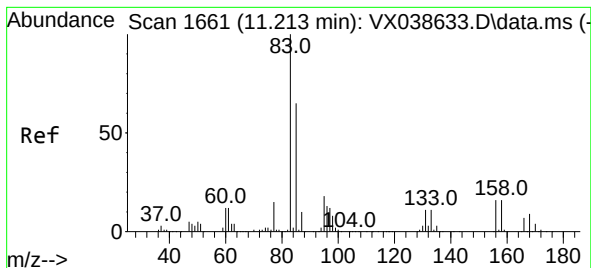
43 100

70 48.6 32.9 49.3

55 27.8 19.3 28.9

61 26.8 18.8 28.2





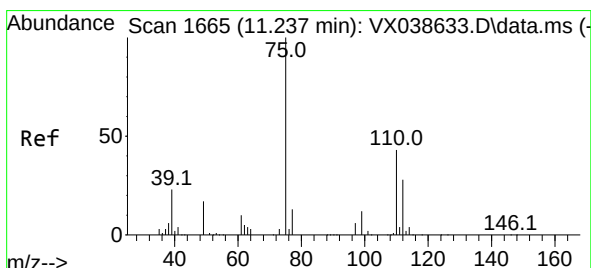
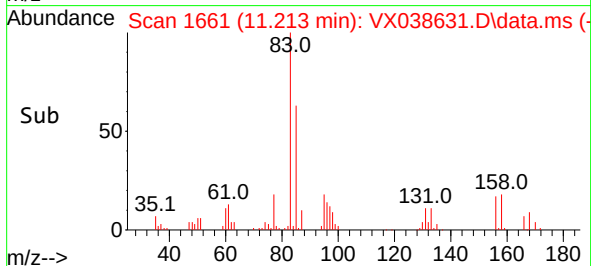
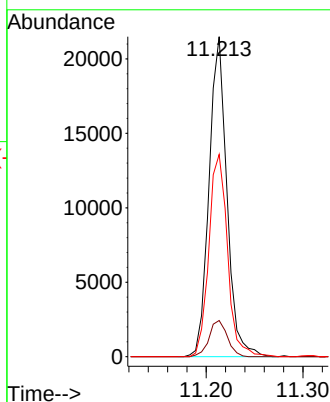
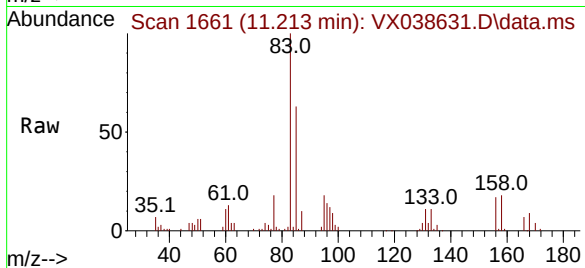
#75
1,1,2,2-Tetrachloroethane
Concen: 4.893 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 27600
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 66.1 32.0 96.2

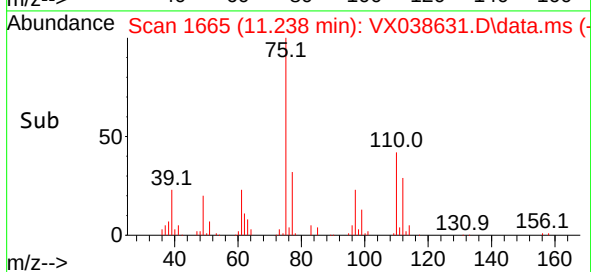
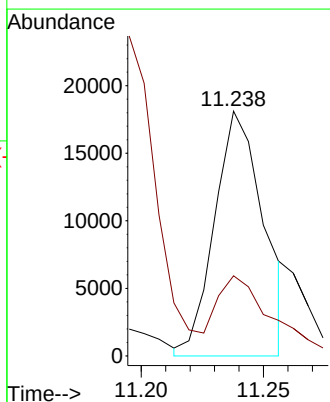
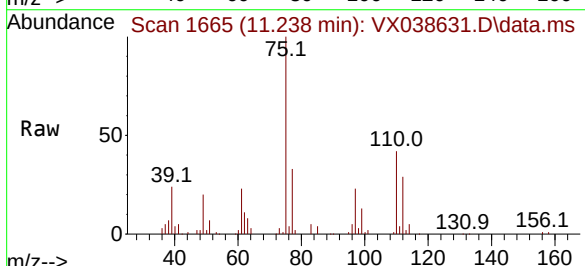
Manual Integrations
APPROVED

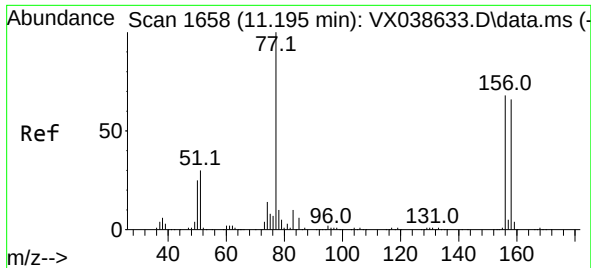
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#76
1,2,3-Trichloropropane
Concen: 4.783 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

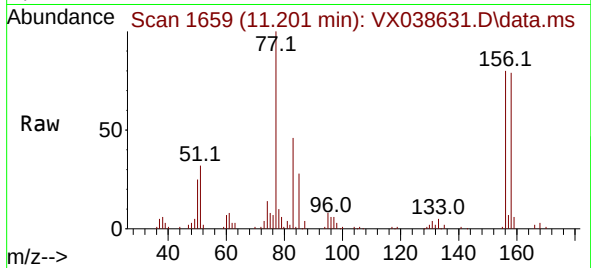
Tgt Ion: 75 Resp: 25202
Ion Ratio Lower Upper
75 100
77 36.4 19.1 57.5





#77
Bromobenzene
Concen: 4.907 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

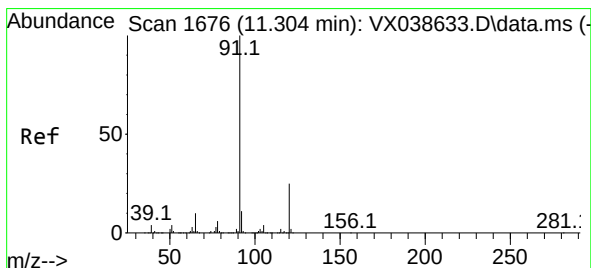
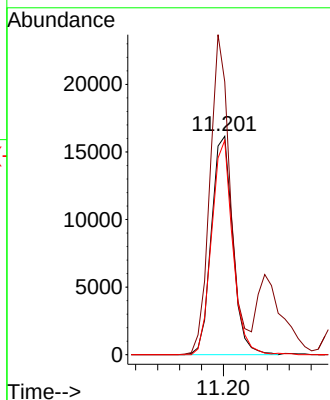
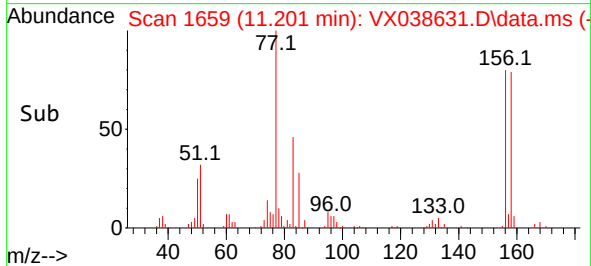
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



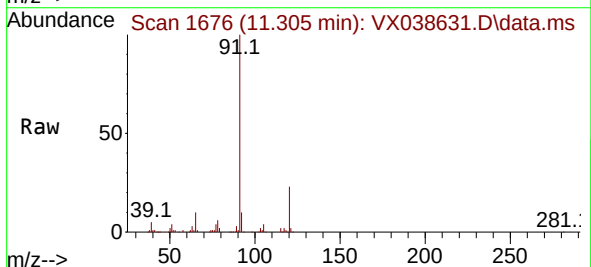
Tgt Ion:156 Resp: 21980
Ion Ratio Lower Upper
156 100
77 139.9 88.4 265.3
158 96.8 48.0 144.0

Manual Integrations
APPROVED

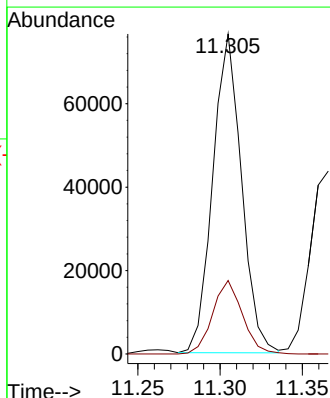
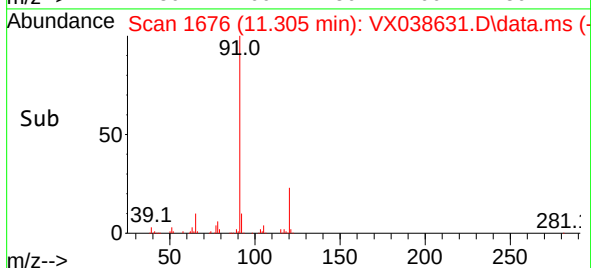
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

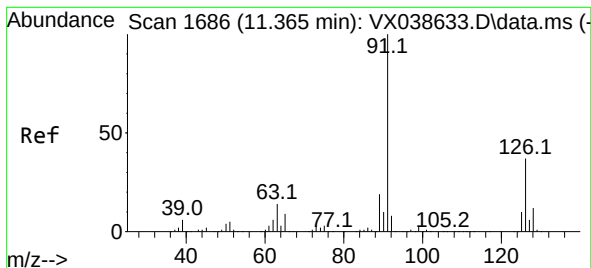


#78
n-propylbenzene
Concen: 4.889 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59



Tgt Ion: 91 Resp: 92859
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 4.959 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 5638

Ion Ratio Lower Upper

91 100

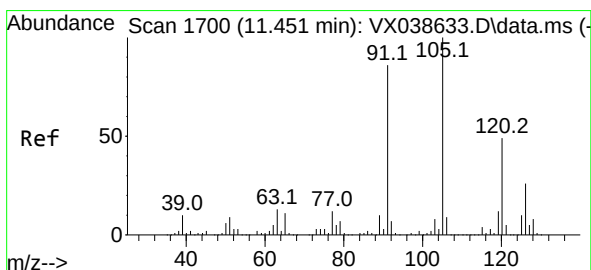
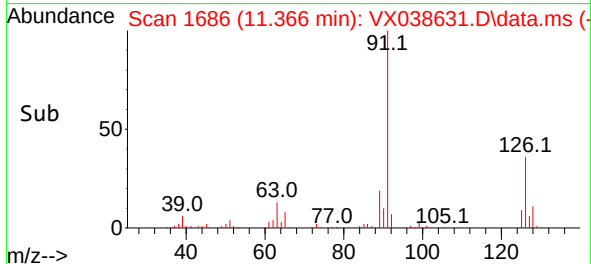
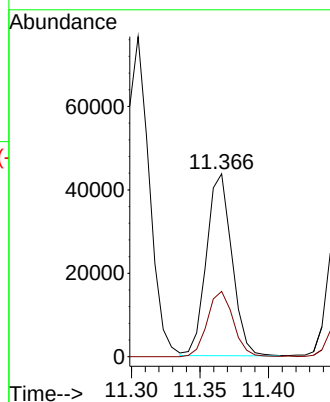
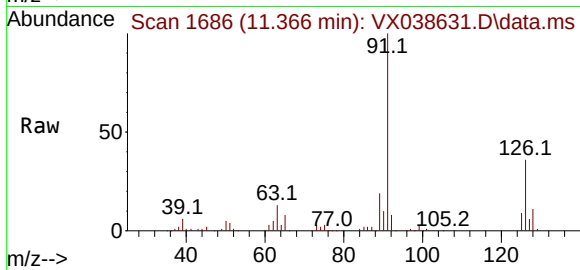
126 36.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#80

1,3,5-Trimethylbenzene

Concen: 4.910 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038631.D

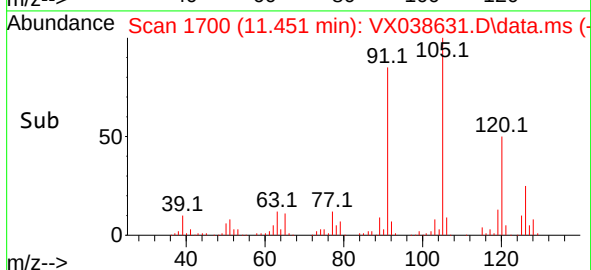
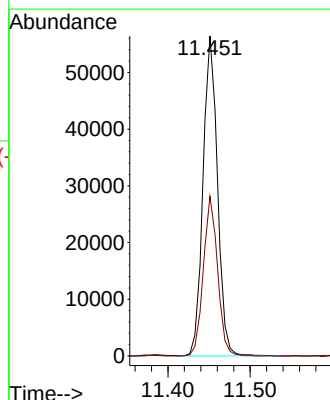
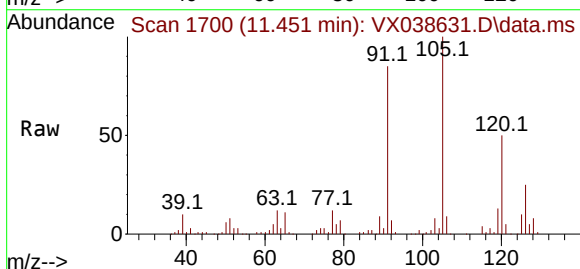
Acq: 07 Nov 2023 13:59

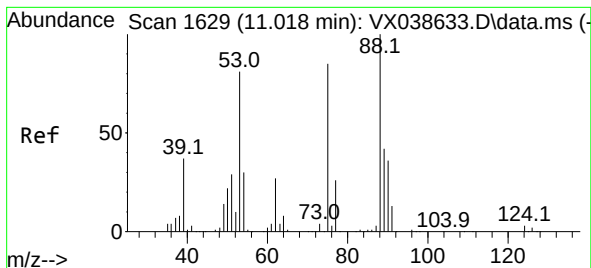
Tgt Ion:105 Resp: 68962

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3





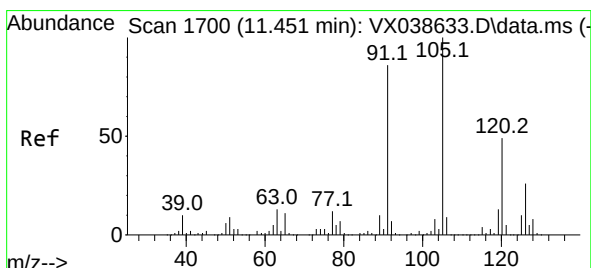
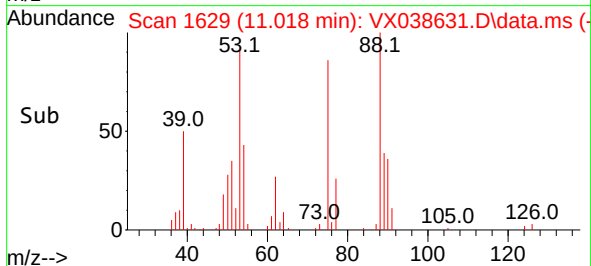
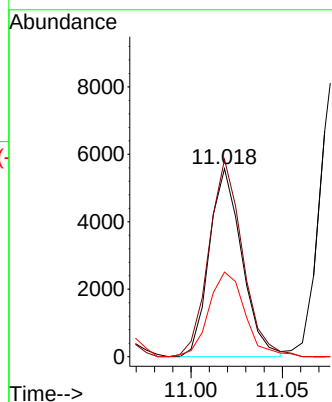
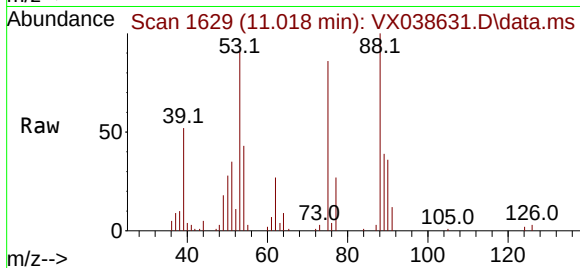
#81
trans-1,4-Dichloro-2-butene
Concen: 5.277 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 692
Ion Ratio Lower Upper
75 100
53 108.4 90.5 135.7
89 50.1 36.9 55.3

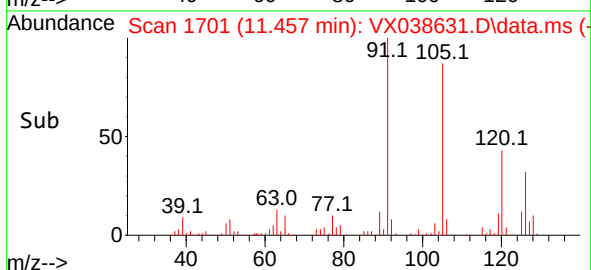
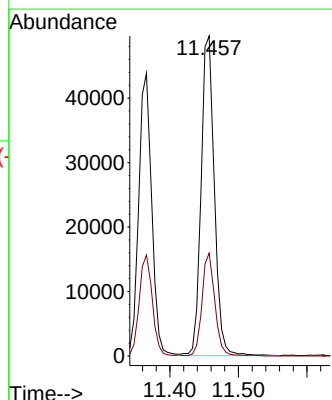
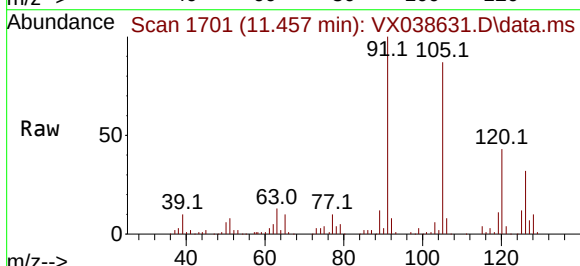
Manual Integrations
APPROVED

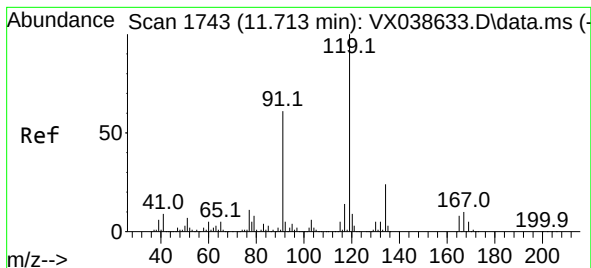
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#82
4-Chlorotoluene
Concen: 5.035 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038631.D
Acq: 07 Nov 2023 13:59

Tgt Ion: 91 Resp: 66882
Ion Ratio Lower Upper
91 100
126 31.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.844 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

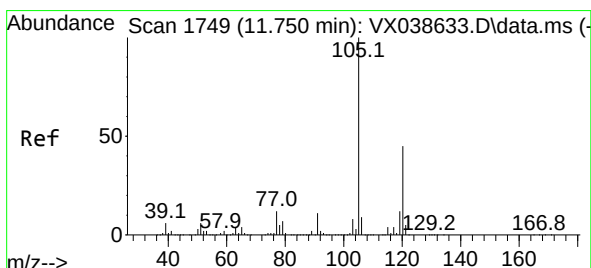
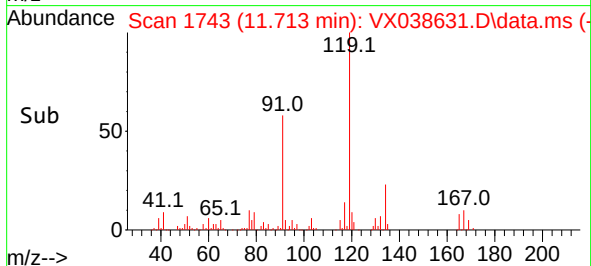
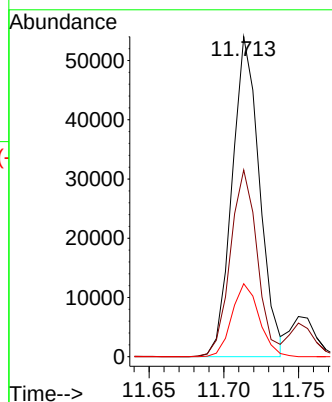
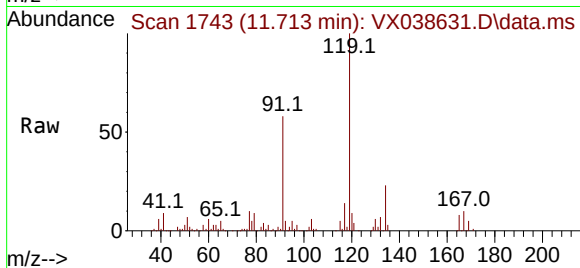
Tgt Ion:	119	Resp:	6894
Ion Ratio	Lower	Upper	
119	100		
91	57.6	31.2	93.6
134	22.7	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#84

1,2,4-Trimethylbenzene

Concen: 4.877 ug/l

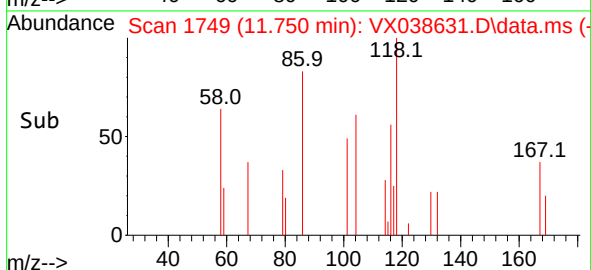
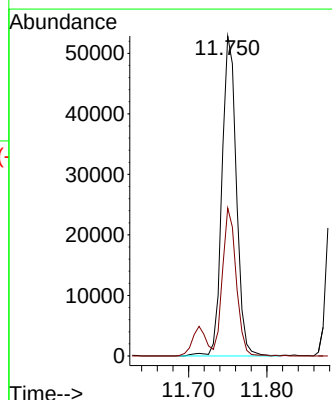
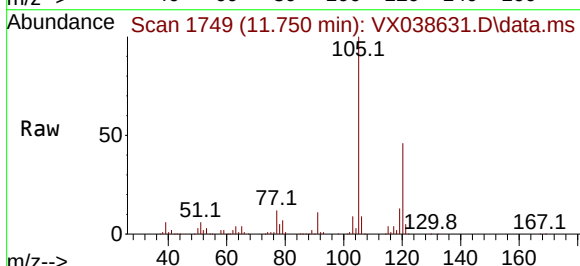
RT: 11.750 min Scan# 1749

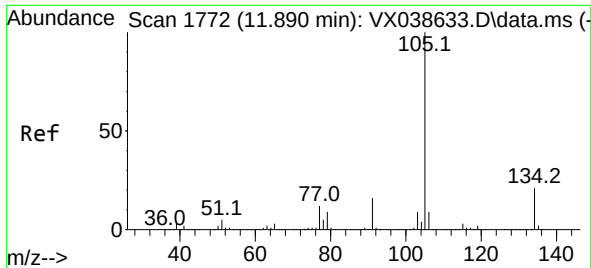
Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion:	105	Resp:	67941
Ion Ratio	Lower	Upper	
105	100		
120	43.7	21.2	63.6





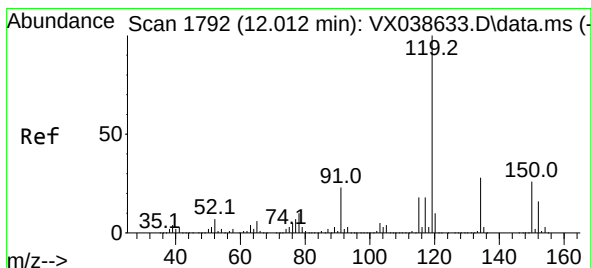
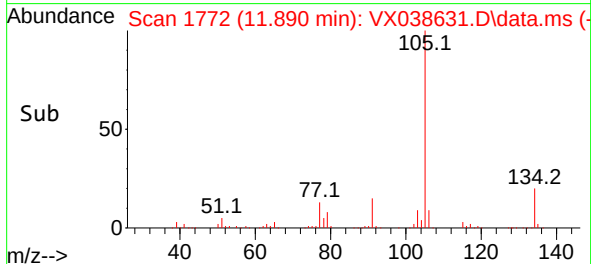
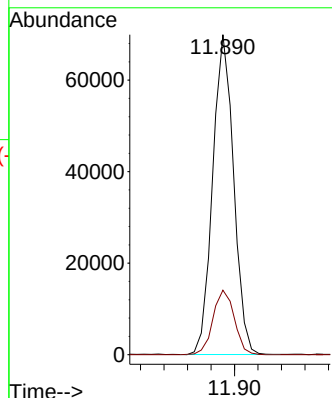
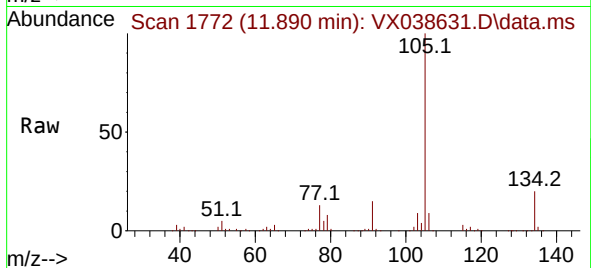
#85
 sec-Butylbenzene
 Concen: 4.862 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038631.D
 Acq: 07 Nov 2023 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 86350
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4

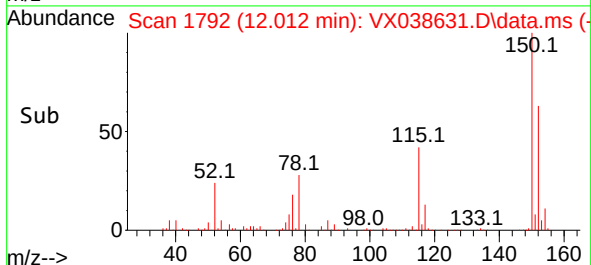
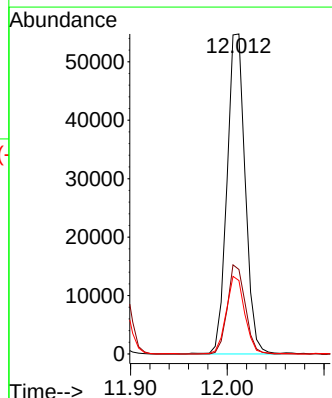
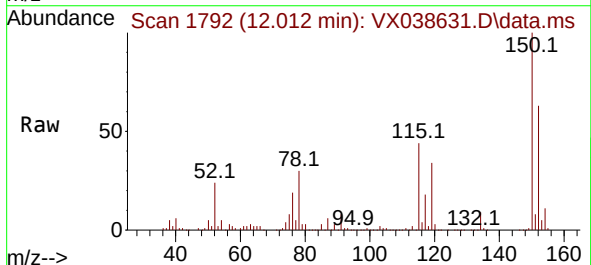
Manual Integrations
 APPROVED

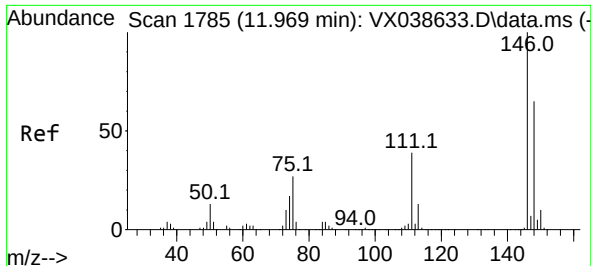
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#86
 p-Isopropyltoluene
 Concen: 4.723 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038631.D
 Acq: 07 Nov 2023 13:59

Tgt Ion:119 Resp: 71449
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 24.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.949 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 42384

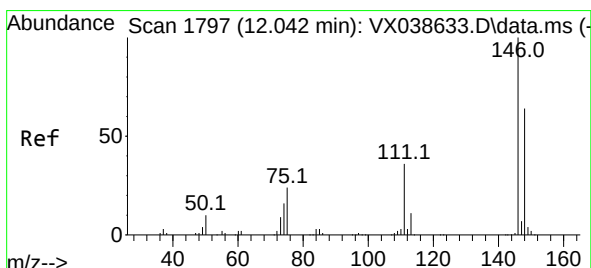
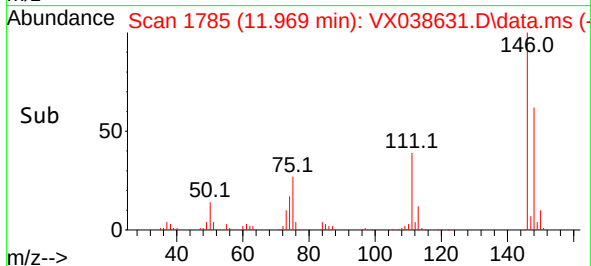
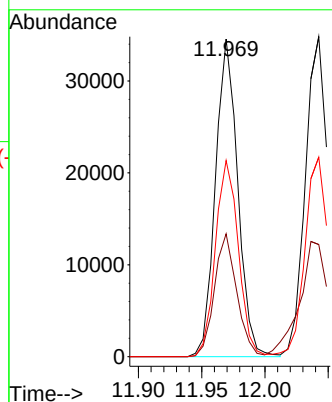
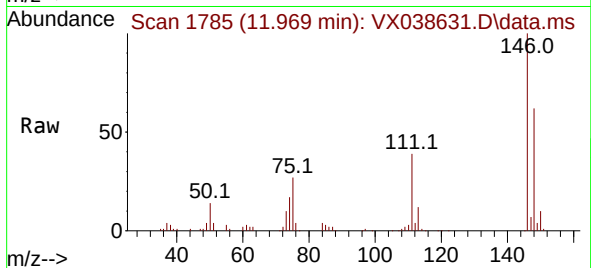
Ion	Ratio	Lower	Upper
146	100		
111	38.8	22.1	66.1
148	63.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#88

1,4-Dichlorobenzene

Concen: 5.048 ug/l

RT: 12.042 min Scan# 1797

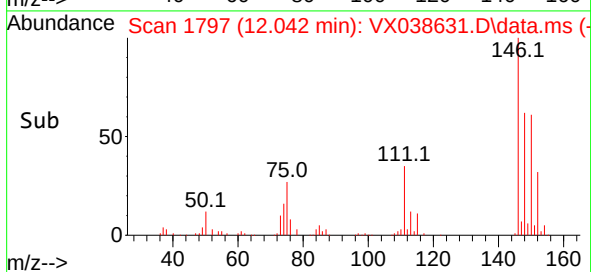
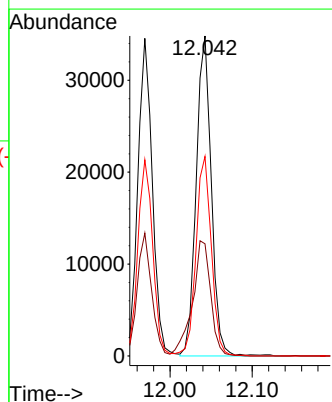
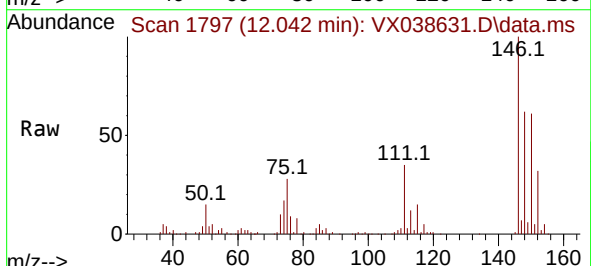
Delta R.T. 0.000 min

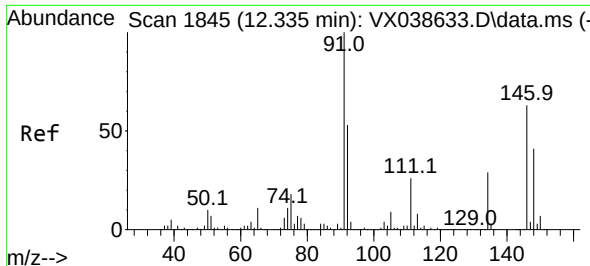
Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion:146 Resp: 44431

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.7
148	63.5	31.8	95.4





#89

n-Butylbenzene

Concen: 4.682 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 6304

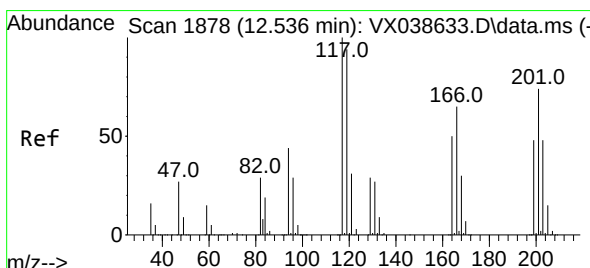
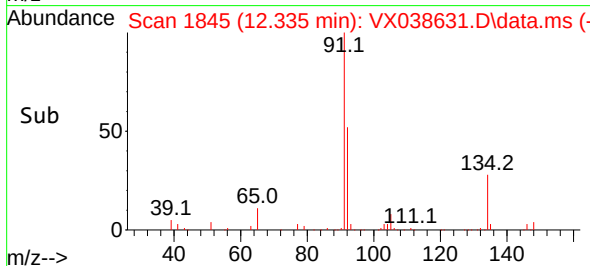
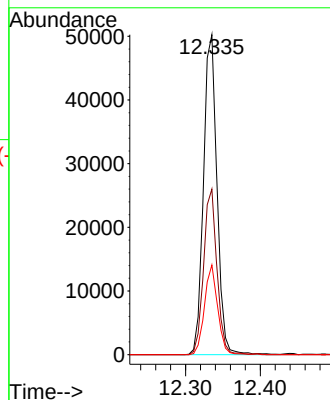
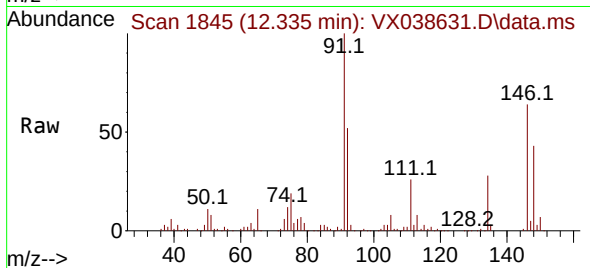
Ion	Ratio	Lower	Upper
91	100		
92	51.2	27.4	82.0
134	27.4	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#90

Hexachloroethane

Concen: 4.427 ug/l

RT: 12.536 min Scan# 1878

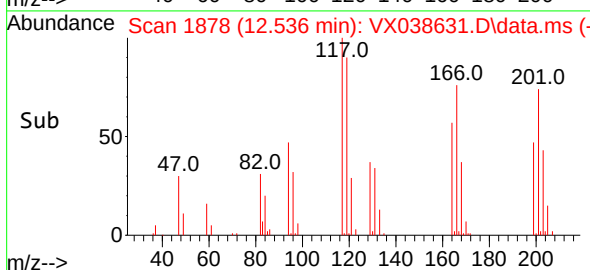
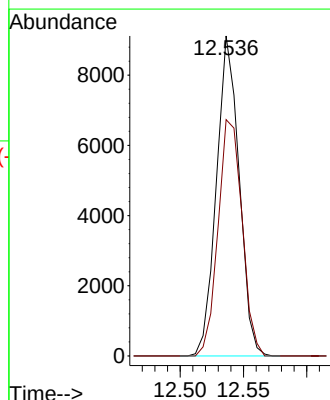
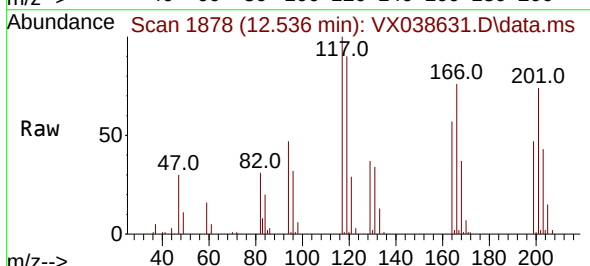
Delta R.T. 0.000 min

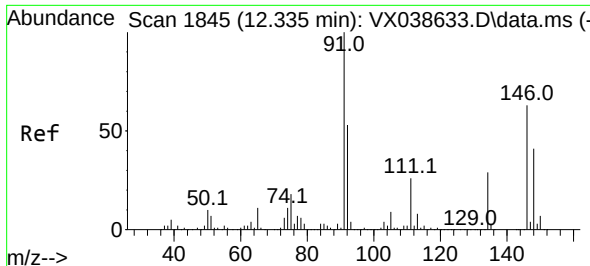
Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion:117 Resp: 11344

Ion	Ratio	Lower	Upper
117	100		
201	78.3	32.9	98.6





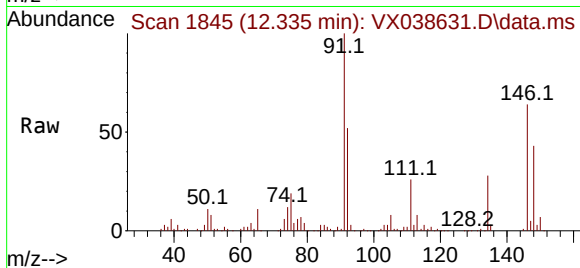
#91
 1,2-Dichlorobenzene
 Concen: 4.982 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX038631.D
 Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



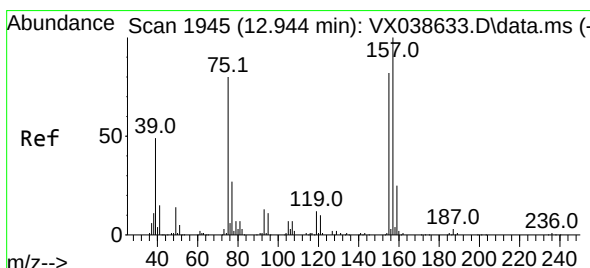
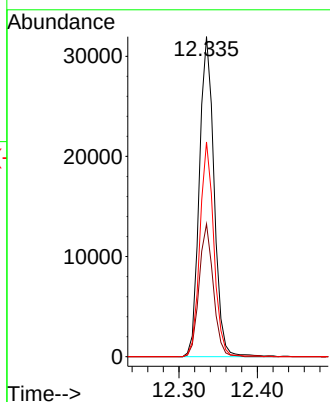
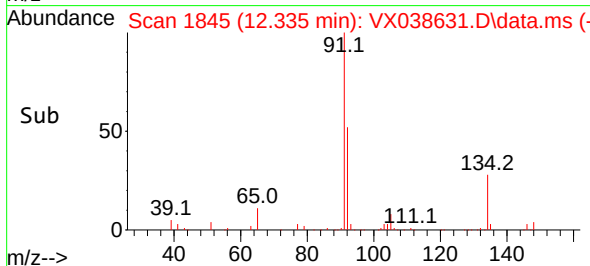
Tgt Ion: 146 Resp: 41664
 Ion Ratio Lower Upper
 146 100
 111 39.9 22.4 67.0
 148 63.7 31.6 95.0

Manual Integrations

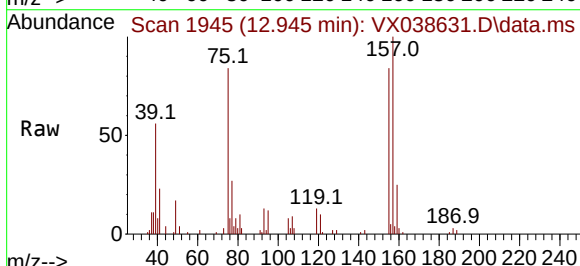
APPROVED

Reviewed By :John Carlone 11/08/2023

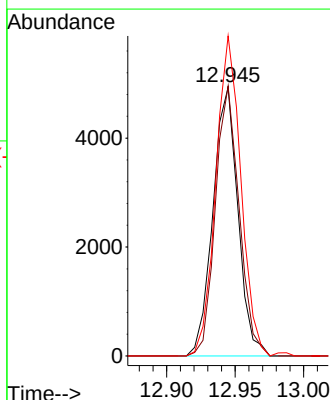
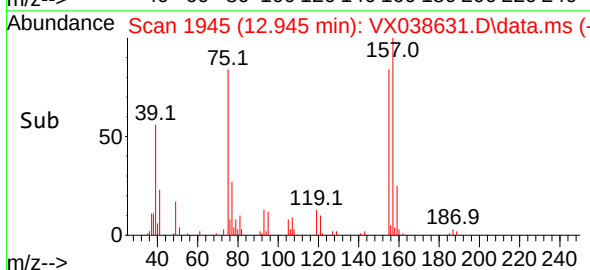
Supervised By :Mahesh Dadoda 11/08/2023

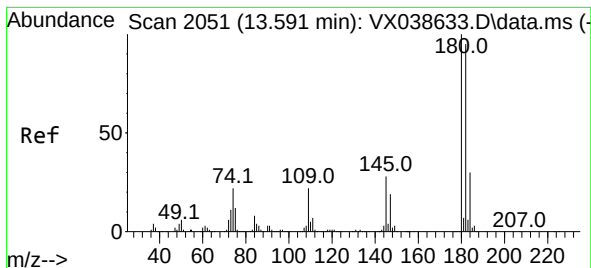


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.412 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX038631.D
 Acq: 07 Nov 2023 13:59



Tgt Ion: 75 Resp: 6256
 Ion Ratio Lower Upper
 75 100
 155 95.4 36.1 108.5
 157 119.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.768 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

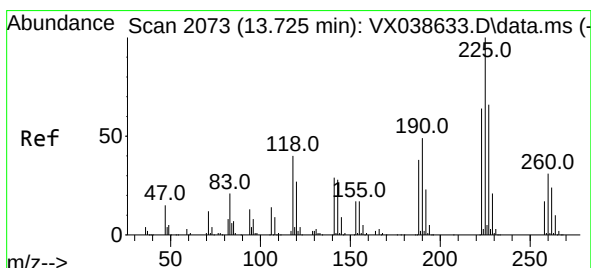
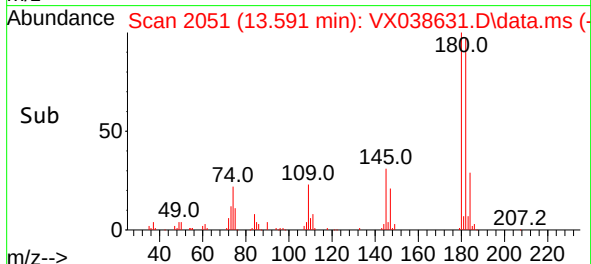
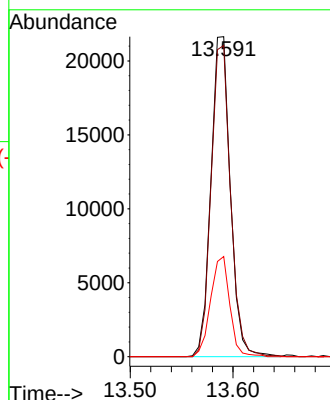
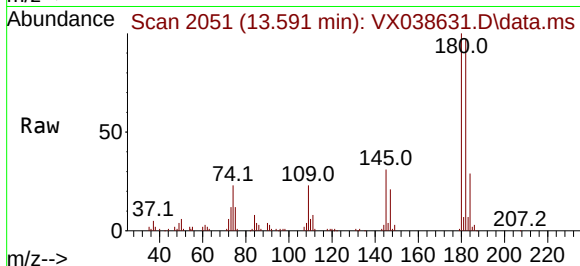
Tgt Ion:	180	Resp:	2852
Ion Ratio	Lower	Upper	
180	100		
182	97.4	48.3	144.8
145	30.8	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#94

Hexachlorobutadiene

Concen: 4.848 ug/l

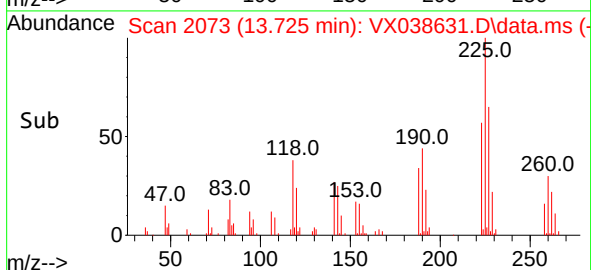
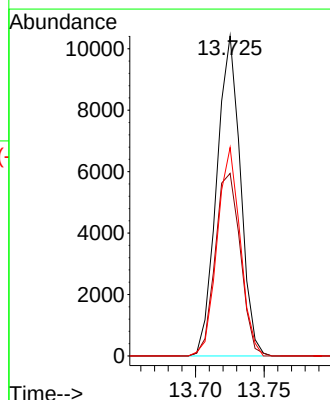
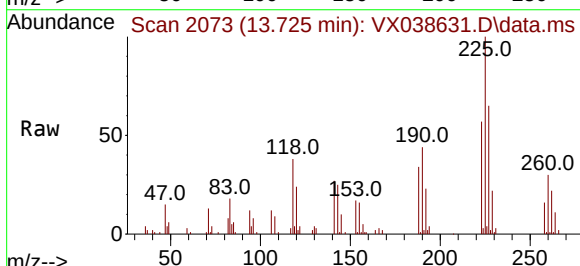
RT: 13.725 min Scan# 2073

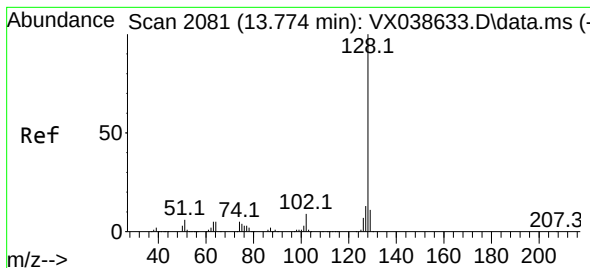
Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion:	225	Resp:	12513
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.1	93.2
227	63.2	32.5	97.5





#95

Naphthalene

Concen: 4.676 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

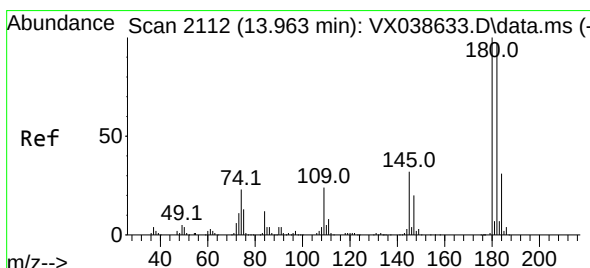
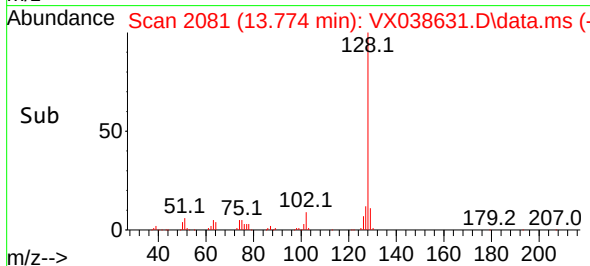
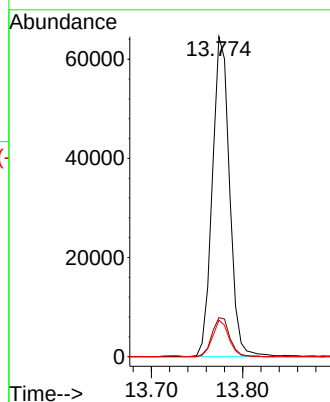
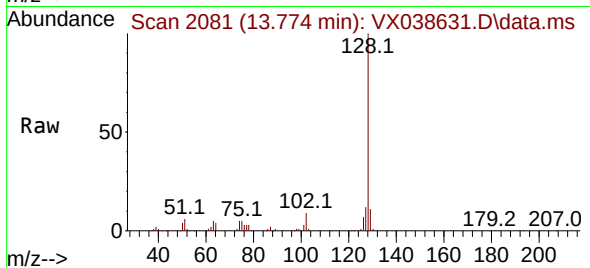
Tgt Ion:128	Resp:	8437
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.3 15.5
129	10.8	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.791 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038631.D

Acq: 07 Nov 2023 13:59

Tgt Ion:180	Resp:	28249
Ion Ratio	Lower	Upper
180	100	
182	95.1	46.9 140.6
145	32.7	17.8 53.5

