

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038944.D
 Acq On : 18 Nov 2023 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 04:42:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94288	48.023	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.040%		
35) Dibromofluoromethane	5.385	113	75303	45.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.840%		
50) Toluene-d8	8.647	98	281433	44.859	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.720%#		
62) 4-Bromofluorobenzene	11.079	95	112154	44.658	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	73286	51.546	ug/l	99
3) Chloromethane	1.295	50	81530	43.935	ug/l	97
4) Vinyl Chloride	1.374	62	84318	47.170	ug/l	99
5) Bromomethane	1.599	94	46068	62.333	ug/l	98
6) Chloroethane	1.679	64	52669	51.631	ug/l	97
7) Trichlorofluoromethane	1.886	101	115347	50.852	ug/l	100
8) Diethyl Ether	2.136	74	49392	49.994	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	69109	45.942	ug/l	96
10) Methyl Iodide	2.453	142	85598	46.752	ug/l	92
11) Tert butyl alcohol	2.959	59	150456	275.518	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	70750	46.586	ug/l	89
13) Acrolein	2.233	56	76909	266.201	ug/l	99
14) Allyl chloride	2.660	41	141630	46.579	ug/l	95
15) Acrylonitrile	3.063	53	291663	252.768	ug/l	99
16) Acetone	2.380	43	251064	240.207	ug/l #	89
17) Carbon Disulfide	2.508	76	194018	41.243	ug/l	99
18) Methyl Acetate	2.703	43	269607	54.306	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	272644	51.042	ug/l	98
20) Methylene Chloride	2.788	84	86277	45.791	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	76850	45.861	ug/l	93
22) Diisopropyl ether	3.758	45	277762	49.795	ug/l	92
23) Vinyl Acetate	3.721	43	983451	244.798	ug/l	99
24) 1,1-Dichloroethane	3.611	63	149884	48.050	ug/l	99
25) 2-Butanone	4.550	43	427352	252.135	ug/l	96
26) 2,2-Dichloropropane	4.477	77	105023	38.814	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	92684	47.450	ug/l	94
28) Bromochloromethane	4.898	49	78263	52.257	ug/l	97
29) Tetrahydrofuran	5.001	42	283760	263.672	ug/l	98
30) Chloroform	5.093	83	152194	49.966	ug/l	97
31) Cyclohexane	5.471	56	127081	45.333	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	133835	50.728	ug/l	99
36) 1,1-Dichloropropene	5.690	75	109563	46.620	ug/l	98
37) Ethyl Acetate	4.709	43	156022	50.957	ug/l	98
38) Carbon Tetrachloride	5.678	117	111599	51.380	ug/l	98
39) Methylcyclohexane	7.379	83	134177	43.770	ug/l	96
40) Benzene	6.038	78	332603	47.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	83256	52.428	ug/l	94
42) 1,2-Dichloroethane	6.086	62	120110	52.155	ug/l	98
43) Isopropyl Acetate	6.336	43	245798	50.232	ug/l	98
44) Trichloroethene	7.123	130	82199	48.583	ug/l	96
45) 1,2-Dichloropropane	7.428	63	90994	48.646	ug/l	98
46) Dibromomethane	7.580	93	63484	50.892	ug/l	98
47) Bromodichloromethane	7.818	83	124618	50.334	ug/l	98
48) Methyl methacrylate	7.690	41	116834	49.211	ug/l	93
49) 1,4-Dioxane	7.659	88	51145	1113.513	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	821867	262.824	ug/l	99
52) Toluene	8.720	92	206337	47.836	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	136983	46.558	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	143684	47.278	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	88673	49.268	ug/l	96
56) Ethyl methacrylate	9.116	69	151179	49.645	ug/l	97
57) 1,3-Dichloropropane	9.305	76	148298	49.822	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	350407	247.013	ug/l	96
59) 2-Hexanone	9.427	43	653274	260.639	ug/l	98
60) Dibromochloromethane	9.519	129	91853	50.192	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92932	49.207	ug/l	99
64) Tetrachloroethene	9.275	164	64784	49.283	ug/l	98
65) Chlorobenzene	10.080	112	220063	48.307	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	81417	49.684	ug/l	98
67) Ethyl Benzene	10.195	91	406458	48.563	ug/l	100
68) m/p-Xylenes	10.299	106	305817	96.592	ug/l	98
69) o-Xylene	10.640	106	151924	48.495	ug/l	99
70) Styrene	10.653	104	255630	48.316	ug/l	98
71) Bromoform	10.799	173	69504	50.878	ug/l #	99
73) Isopropylbenzene	10.964	105	394676	47.351	ug/l	99
74) N-amyl acetate	10.842	43	210147	47.695	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	156324	48.045	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	130761m	48.991	ug/l	
77) Bromobenzene	11.195	156	88881	47.457	ug/l	97
78) n-propylbenzene	11.305	91	483499	47.126	ug/l	98
79) 2-Chlorotoluene	11.366	91	283841	46.618	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	339303	48.414	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	50441	41.918	ug/l #	84
82) 4-Chlorotoluene	11.451	91	334253	47.611	ug/l	100
83) tert-Butylbenzene	11.713	119	325805	47.203	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	339899	47.917	ug/l	100
85) sec-Butylbenzene	11.890	105	432027	47.852	ug/l	98
86) p-Isopropyltoluene	12.006	119	345134	47.621	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	173914	47.420	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	177928	47.401	ug/l	99
89) n-Butylbenzene	12.329	91	339777	46.467	ug/l	97
90) Hexachloroethane	12.536	117	67844	46.876	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	170837	49.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40607	50.939	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	109599	47.018	ug/l	98
94) Hexachlorobutadiene	13.725	225	37310	45.198	ug/l	99
95) Naphthalene	13.774	128	417430	48.082	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106201	48.061	ug/l	98

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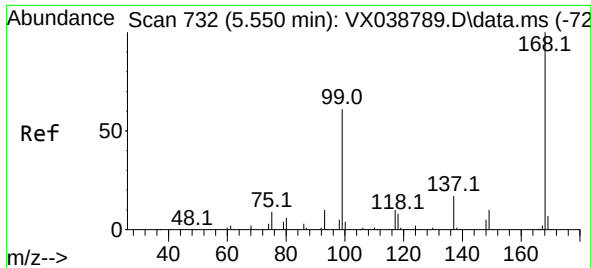
Manual Integrations
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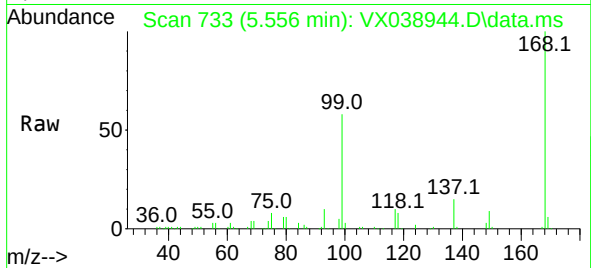
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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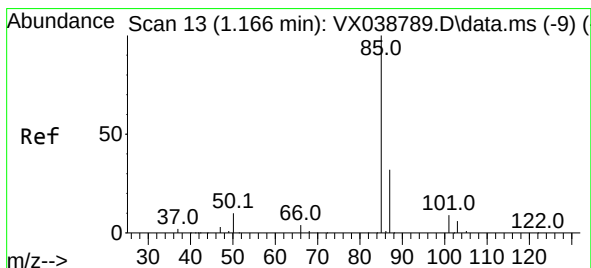
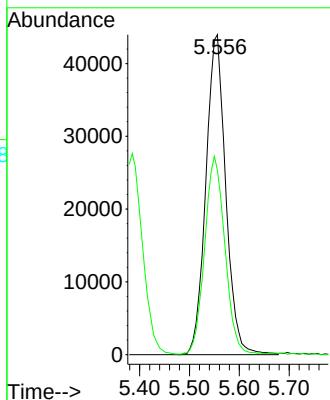
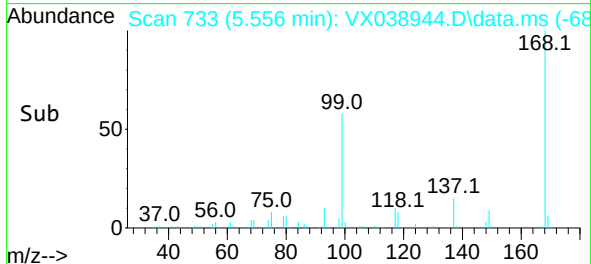
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 121849
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0

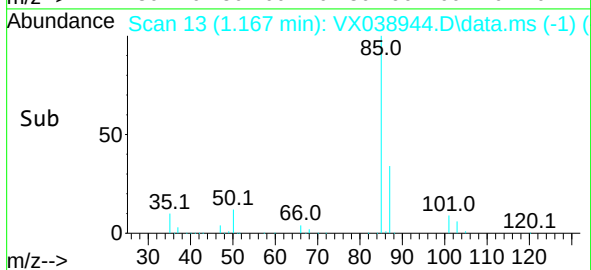
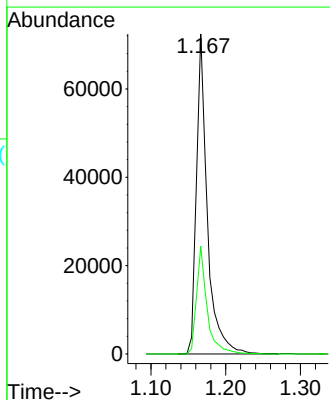
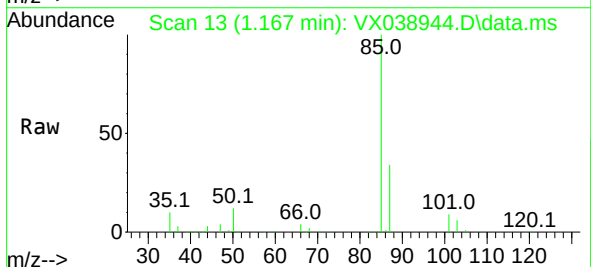
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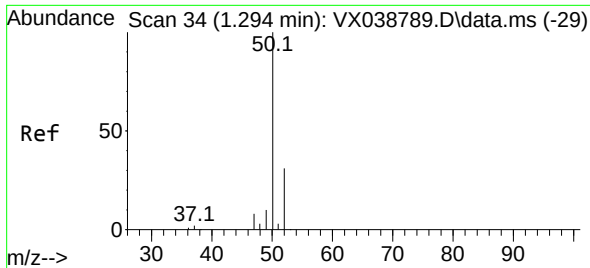
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 51.546 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

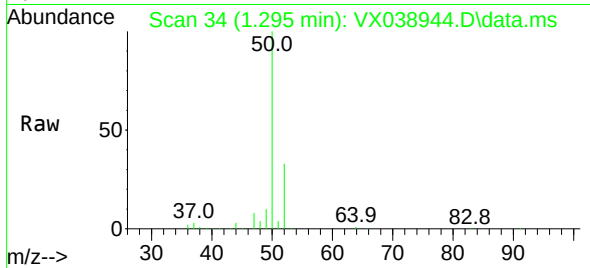
Tgt Ion: 85 Resp: 73286
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1





#3
Chloromethane
Concen: 43.935 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

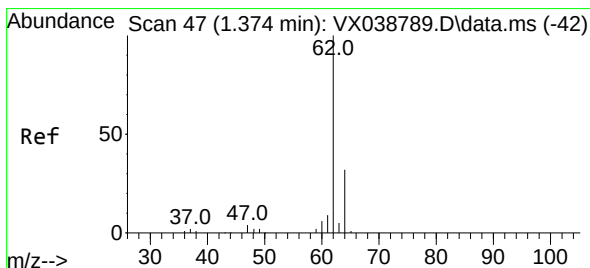
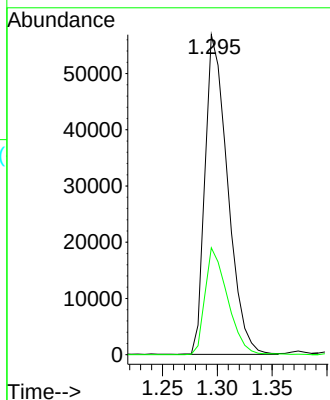
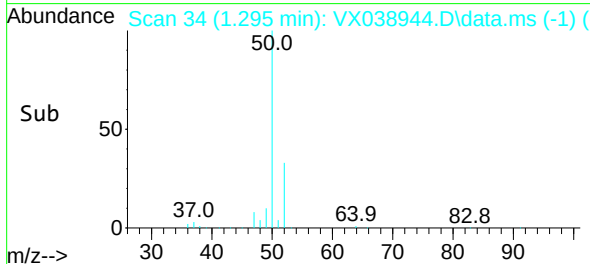
Instrument :
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Tgt Ion: 50 Resp: 81530
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

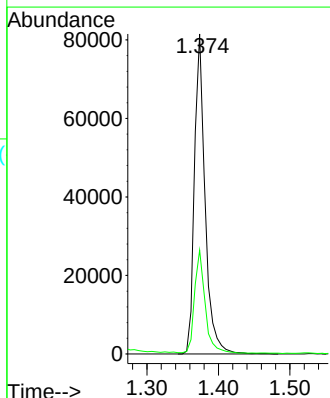
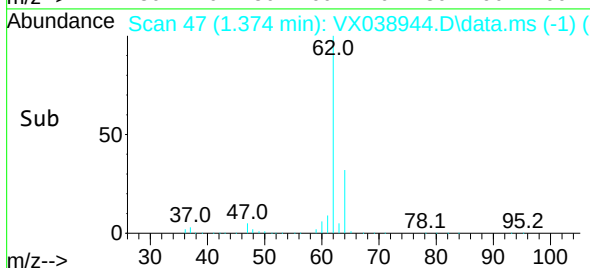
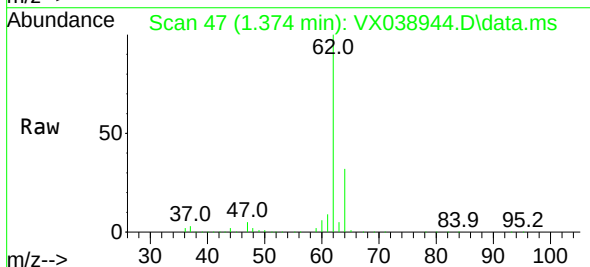
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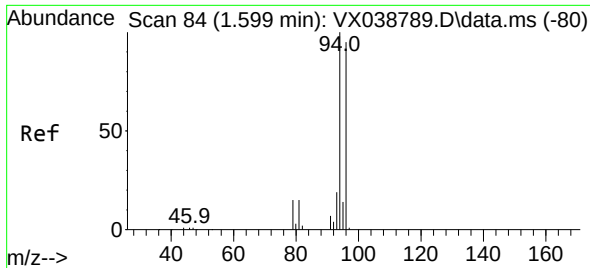
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#4
Vinyl Chloride
Concen: 47.170 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
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Acq: 18 Nov 2023 21:18

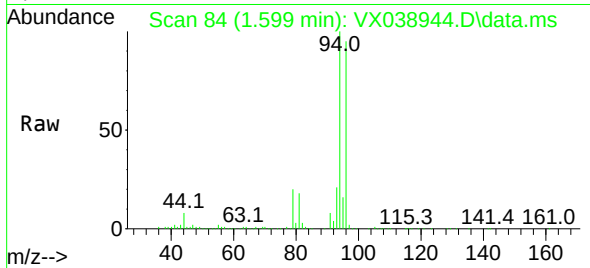
Tgt Ion: 62 Resp: 84318
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 62.333 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

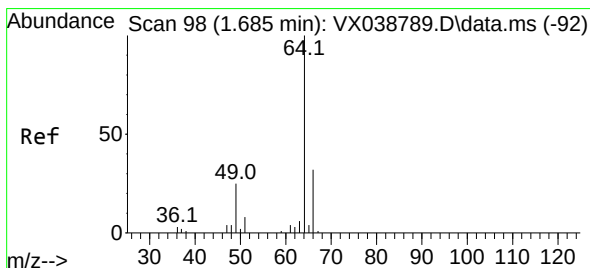
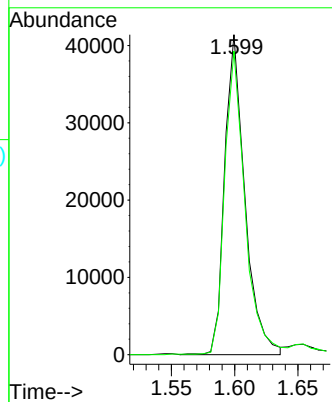
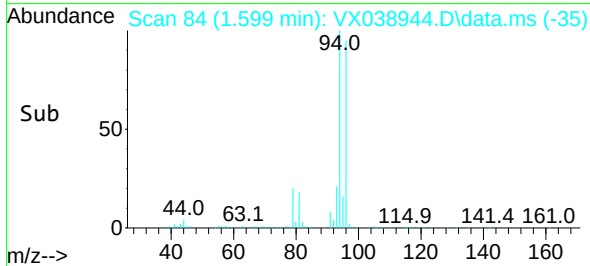
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Tgt Ion: 94 Resp: 46068
Ion Ratio Lower Upper
94 100
96 94.7 74.6 111.8

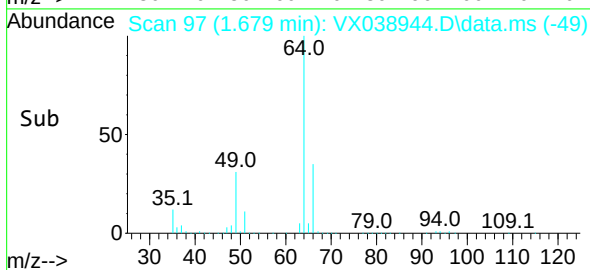
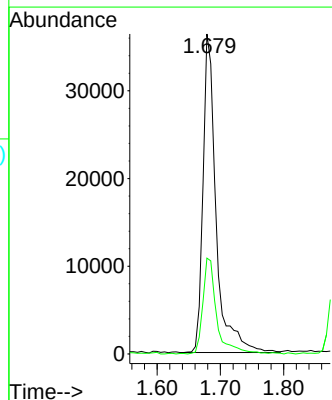
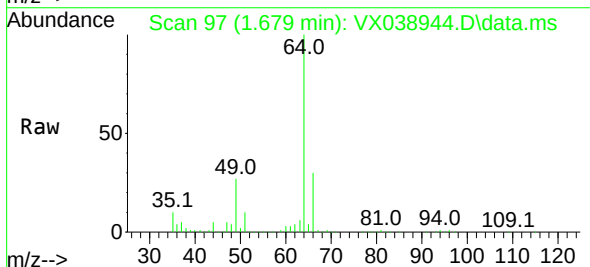
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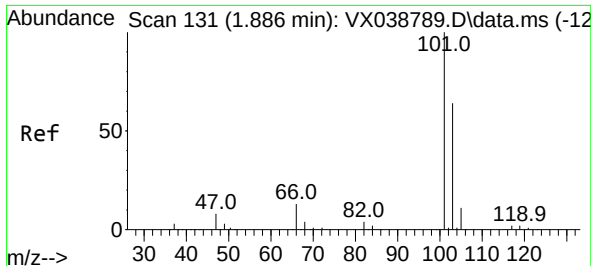
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#6
Chloroethane
Concen: 51.631 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Tgt Ion: 64 Resp: 52669
Ion Ratio Lower Upper
64 100
66 29.9 25.1 37.7





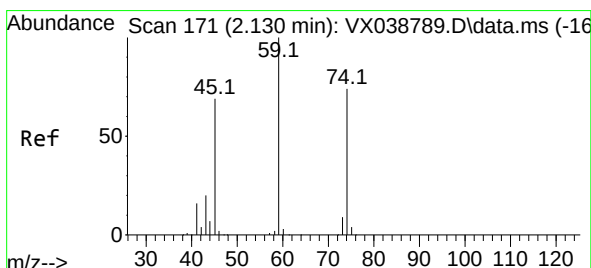
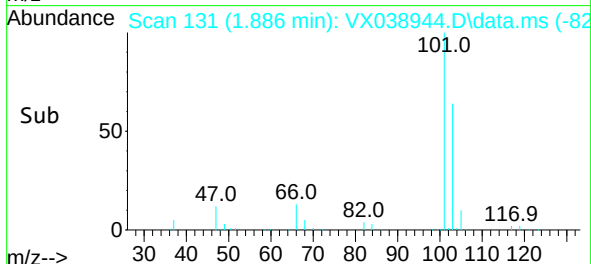
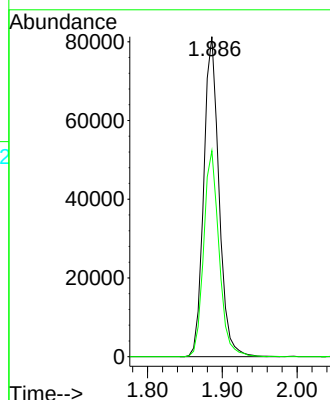
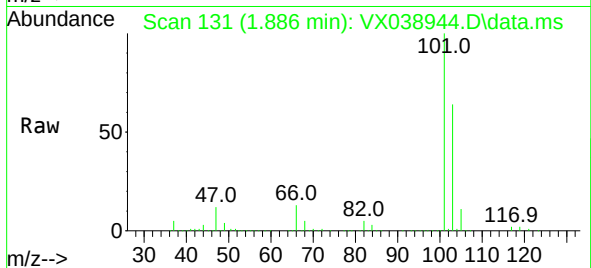
#7
Trichlorofluoromethane
Concen: 50.852 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11534
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

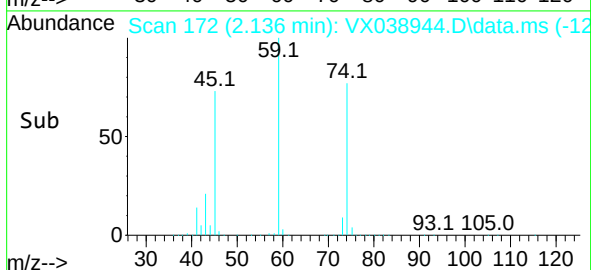
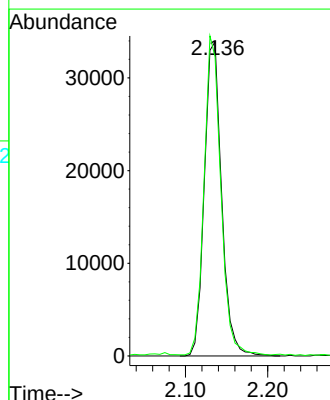
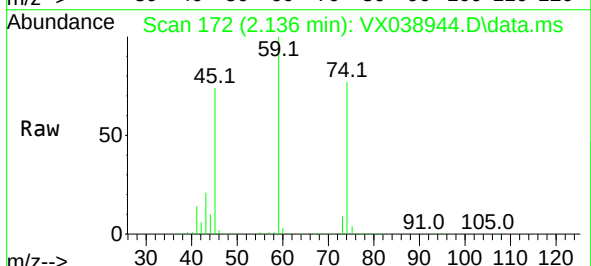
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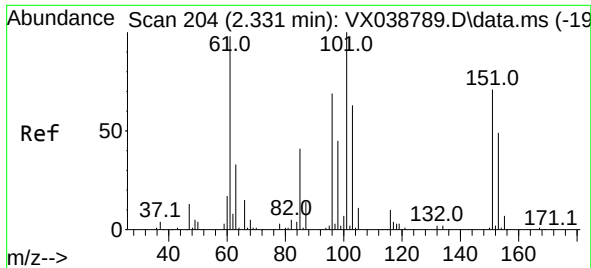
Reviewed By :John Carlone 11/20/2023
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#8
Diethyl Ether
Concen: 49.994 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 49392
Ion Ratio Lower Upper
74 100
45 98.6 53.3 159.8





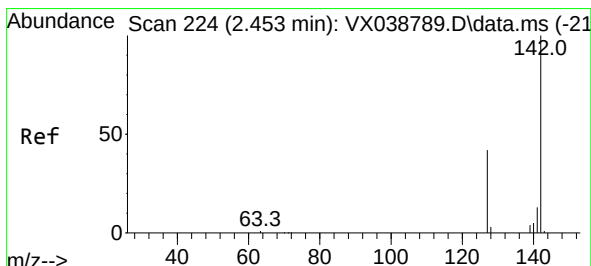
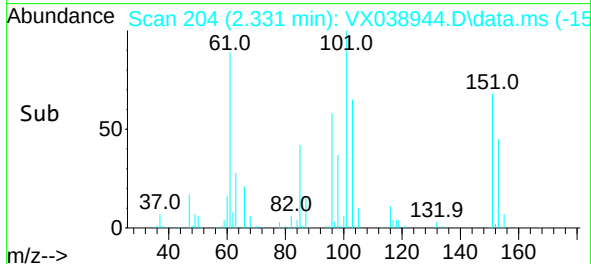
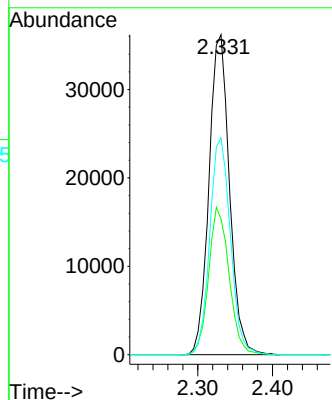
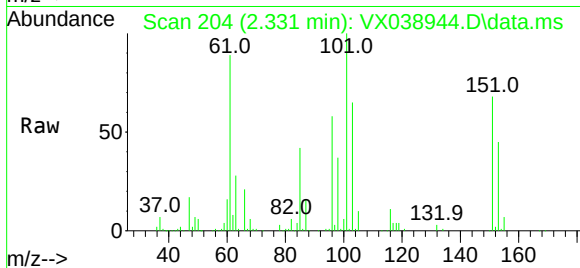
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.942 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 69109
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 68.3 58.6 87.8

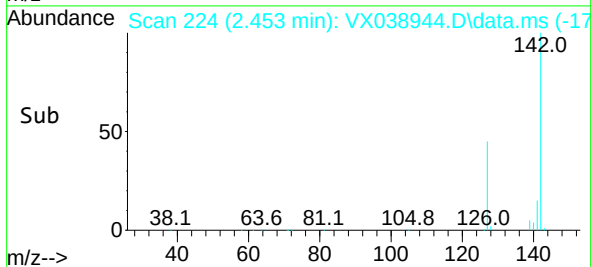
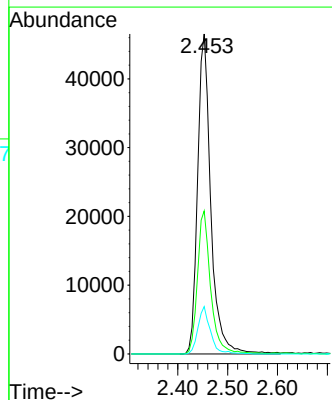
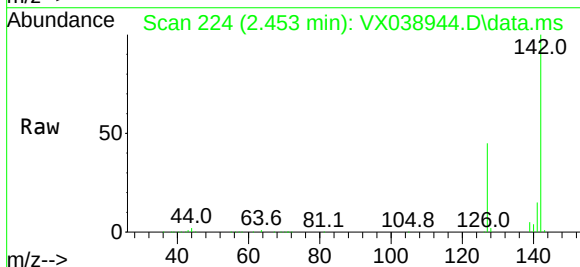
Manual Integrations
APPROVED

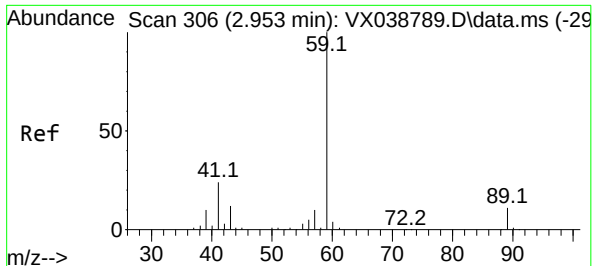
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 46.752 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Tgt Ion:142 Resp: 85598
Ion Ratio Lower Upper
142 100
127 44.7 41.6 62.4
141 14.0 11.6 17.4





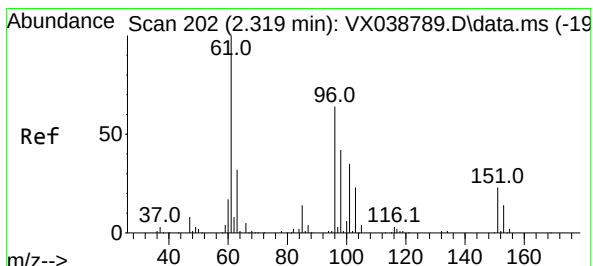
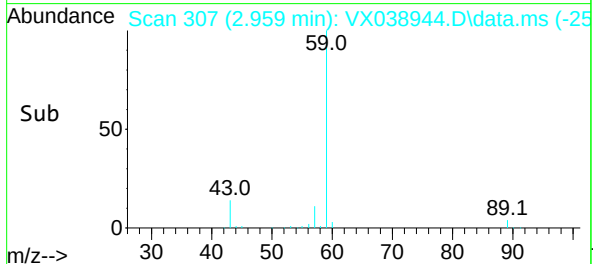
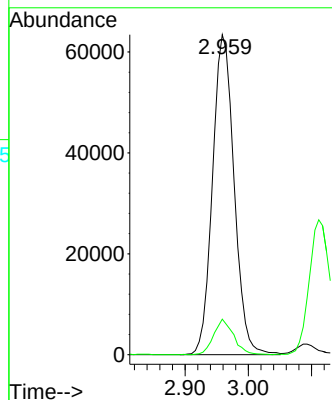
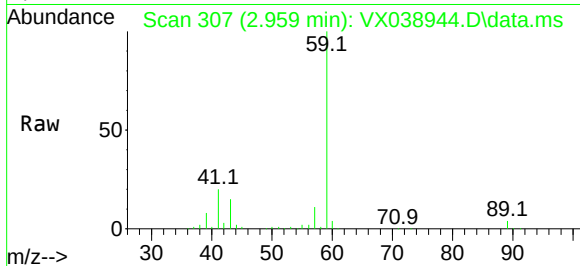
#11
Tert butyl alcohol
Concen: 275.518 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 150450
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

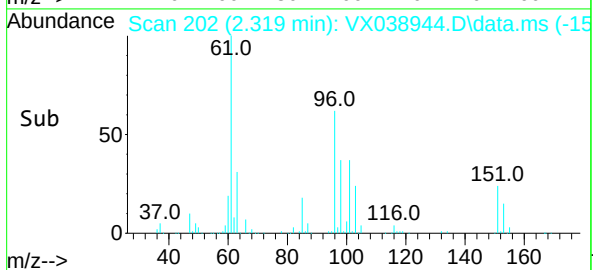
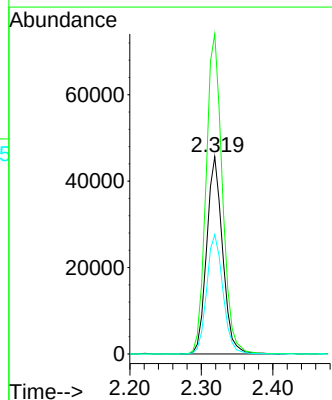
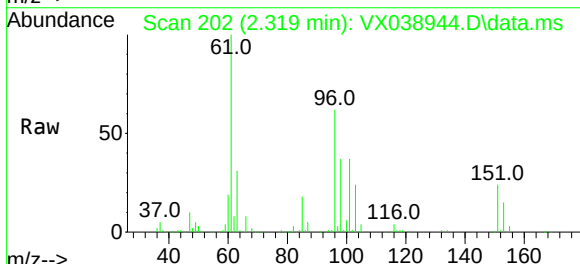
Manual Integrations
APPROVED

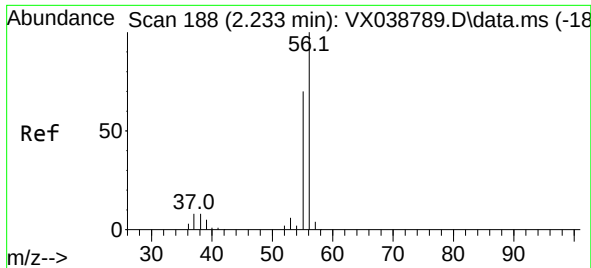
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 46.586 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

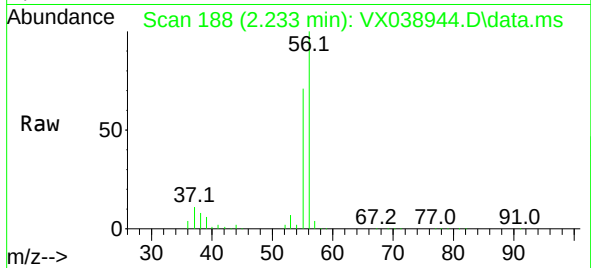
Tgt Ion: 96 Resp: 70750
Ion Ratio Lower Upper
96 100
61 162.1 144.6 216.8
98 60.5 50.4 75.6





#13
Acrolein
Concen: 266.201 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

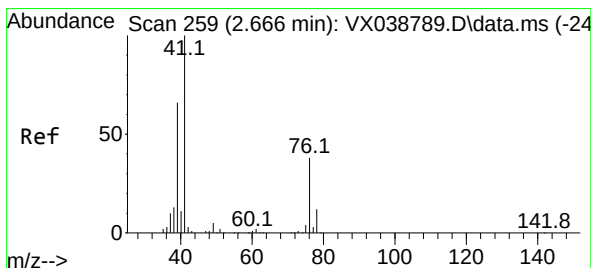
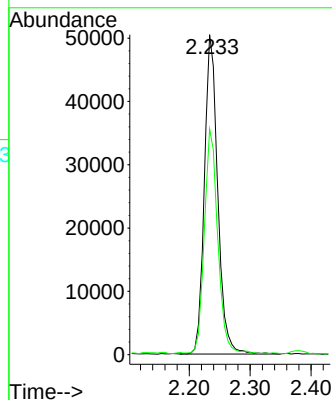
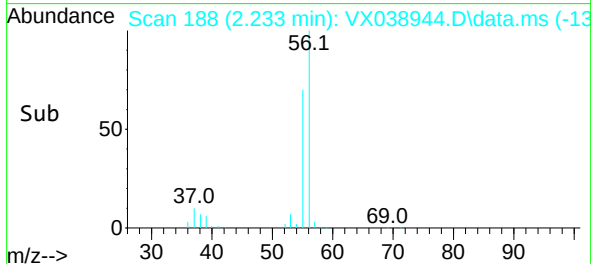
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 76909
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

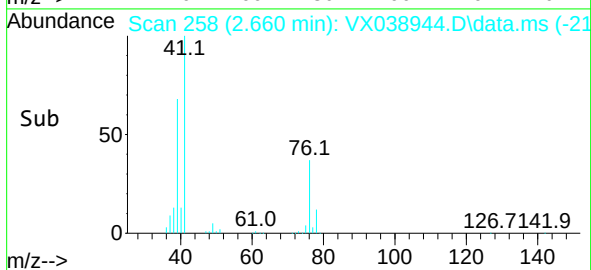
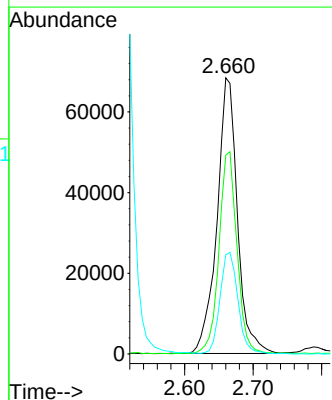
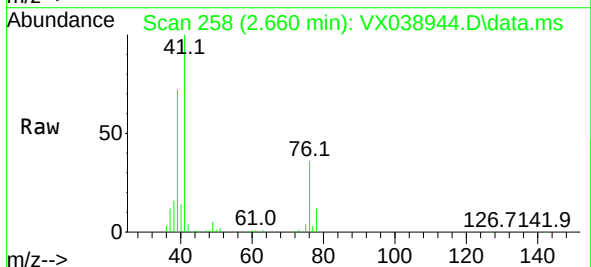
Manual Integrations
APPROVED

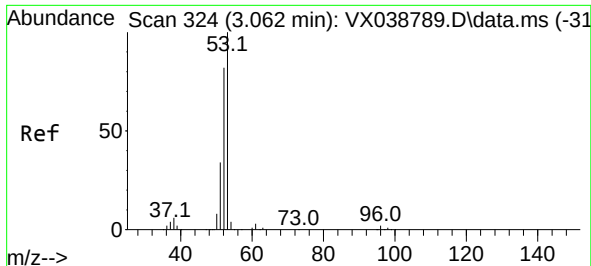
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 46.579 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

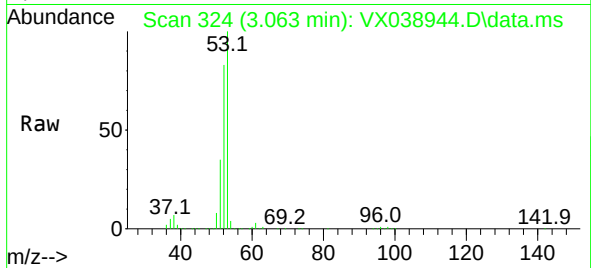
Tgt Ion: 41 Resp: 141630
Ion Ratio Lower Upper
41 100
39 64.4 55.8 83.6
76 32.0 24.3 36.5





#15
Acrylonitrile
Concen: 252.768 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

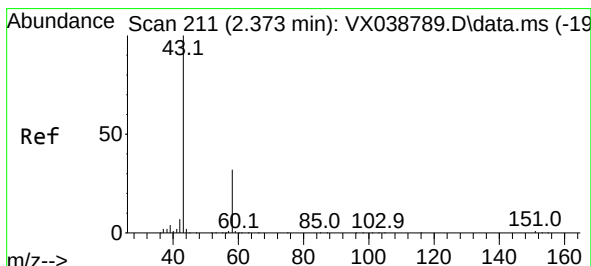
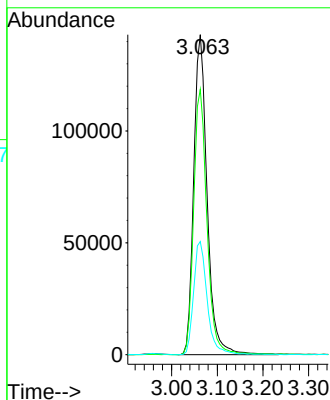
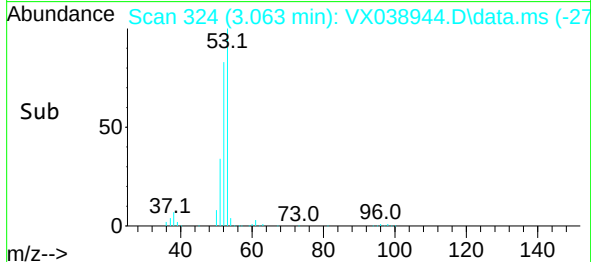
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



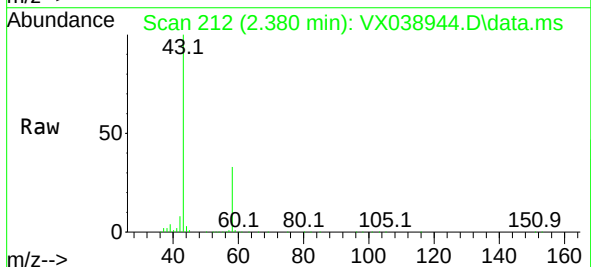
Tgt Ion: 53 Resp: 291663
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 36.1 29.8 44.6

Manual Integrations
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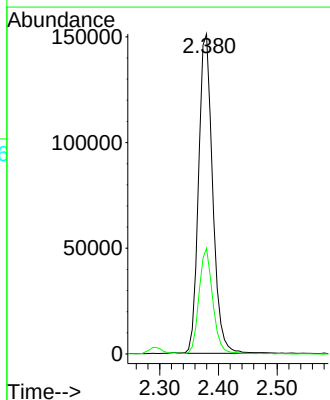
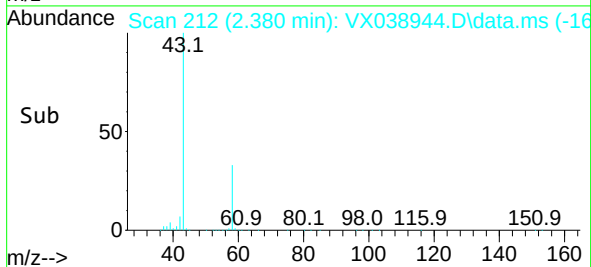
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

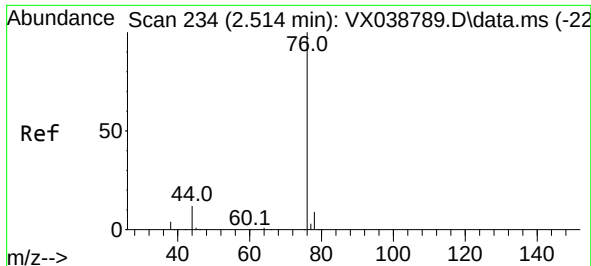


#16
Acetone
Concen: 240.207 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18



Tgt Ion: 43 Resp: 251064
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9





#17

Carbon Disulfide

Concen: 41.243 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 194018

Ion Ratio Lower Upper

76 100

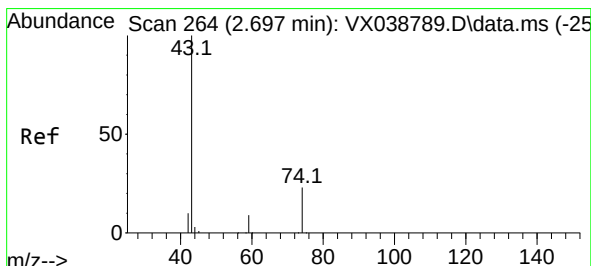
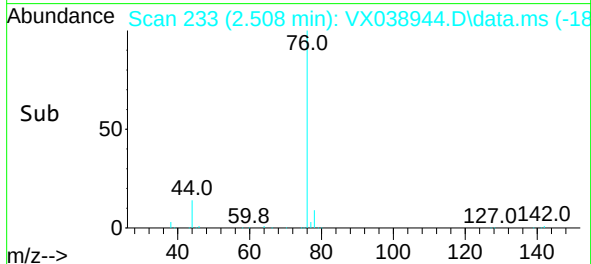
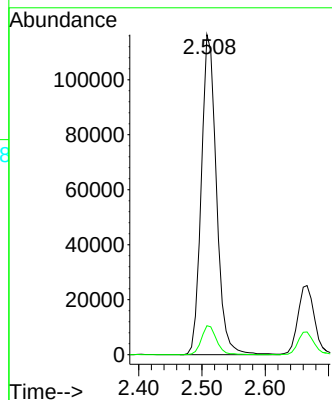
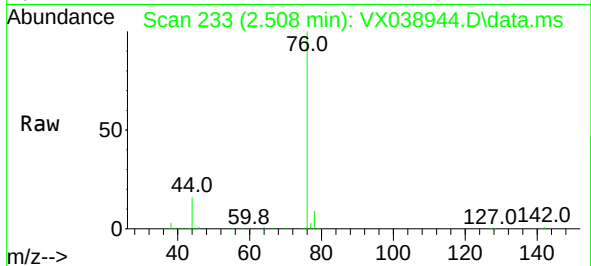
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#18

Methyl Acetate

Concen: 54.306 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX038944.D

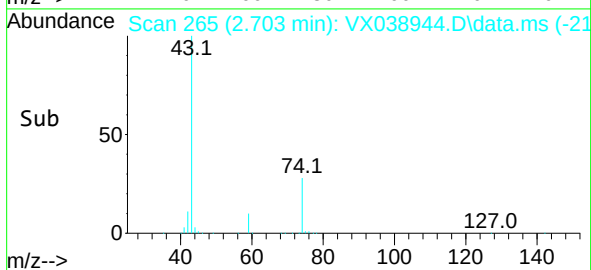
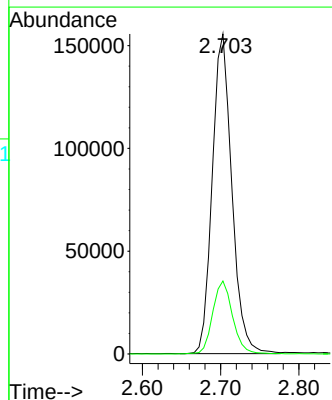
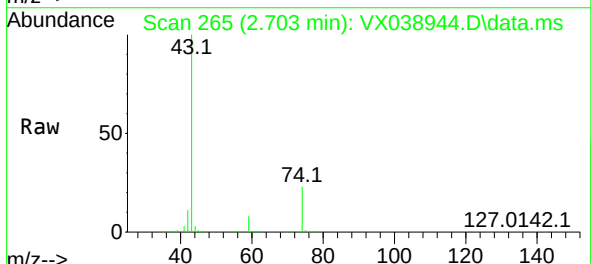
Acq: 18 Nov 2023 21:18

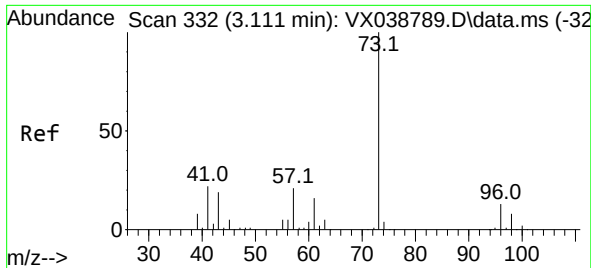
Tgt Ion: 43 Resp: 269607

Ion Ratio Lower Upper

43 100

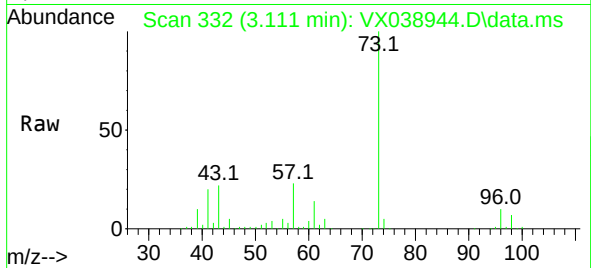
74 23.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 51.042 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

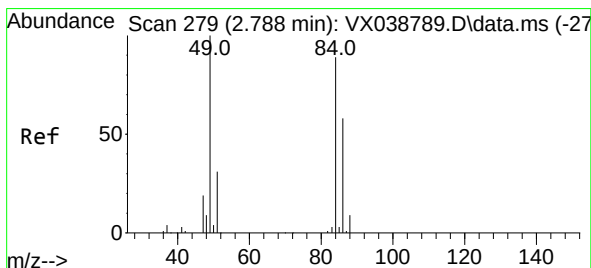
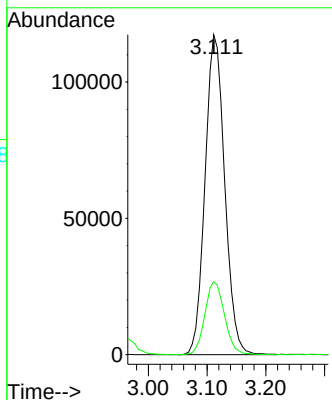
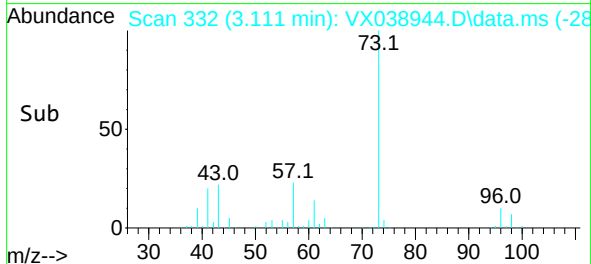
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 272644
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

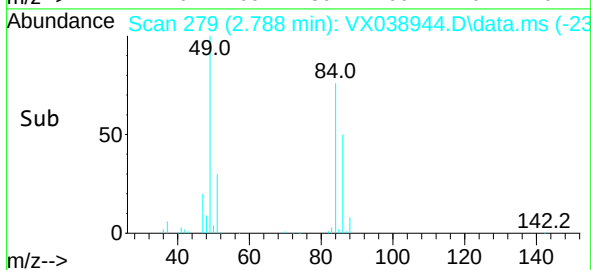
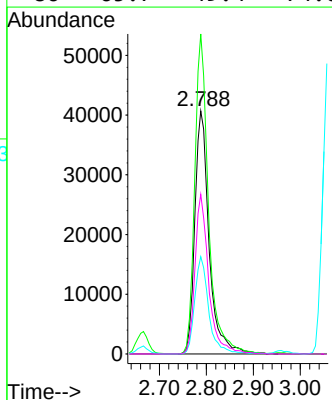
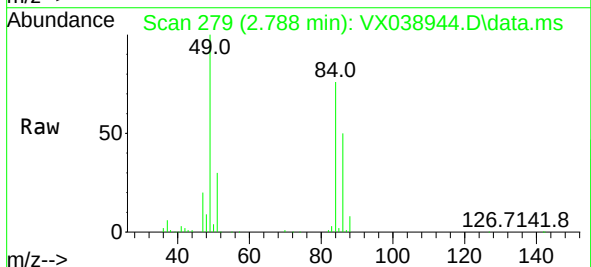
Manual Integrations
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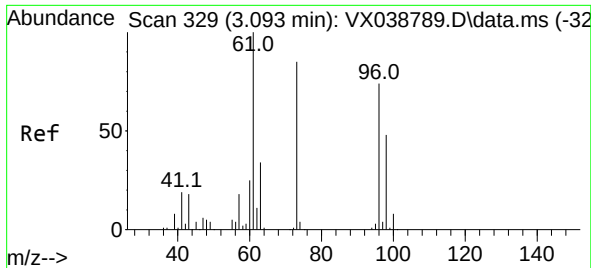
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 45.791 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

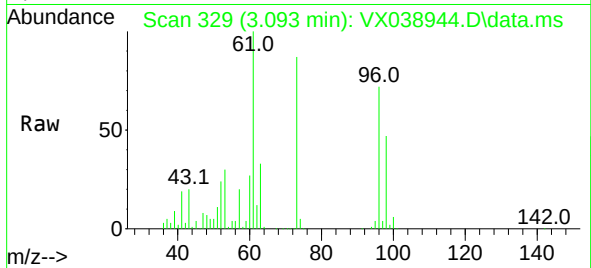
Tgt Ion: 84 Resp: 86277
Ion Ratio Lower Upper
84 100
49 131.7 103.6 155.4
51 40.0 33.8 50.6
86 65.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.861 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

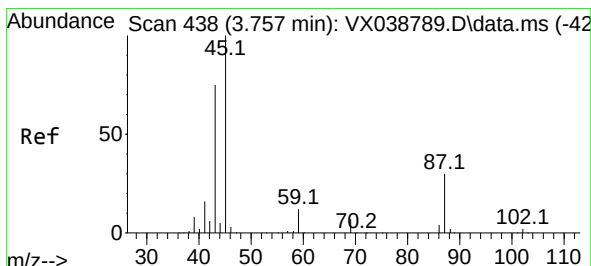
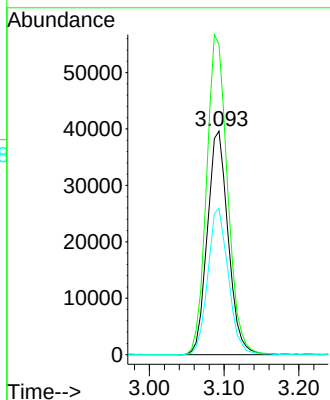
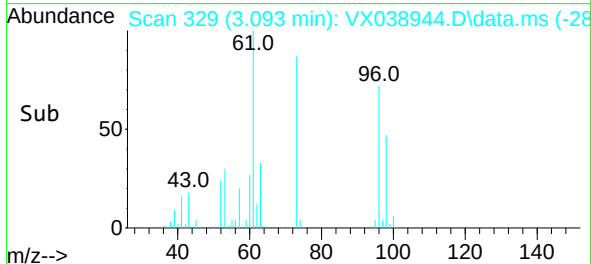
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



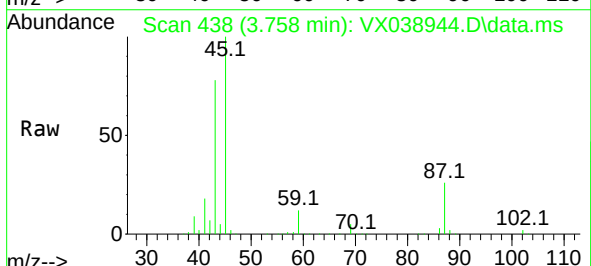
Tgt Ion: 96 Resp: 76850
Ion Ratio Lower Upper
96 100
61 138.8 119.2 178.8
98 65.5 48.7 73.1

Manual Integrations
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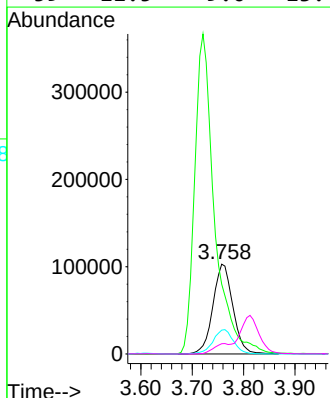
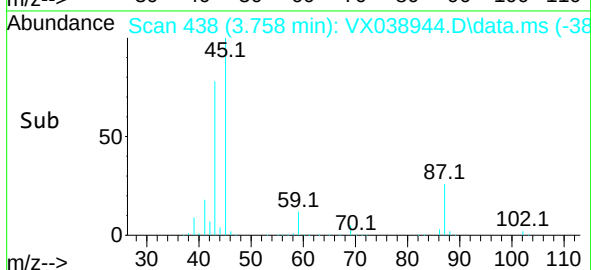
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

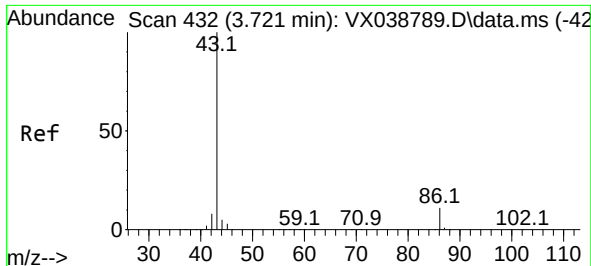


#22
Diisopropyl ether
Concen: 49.795 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18



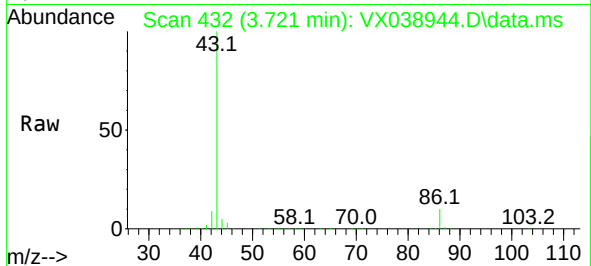
Tgt Ion: 45 Resp: 277762
Ion Ratio Lower Upper
45 100
43 77.3 69.7 104.5
87 26.5 20.8 31.2
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 244.798 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038944.D
 Acq: 18 Nov 2023 21:18

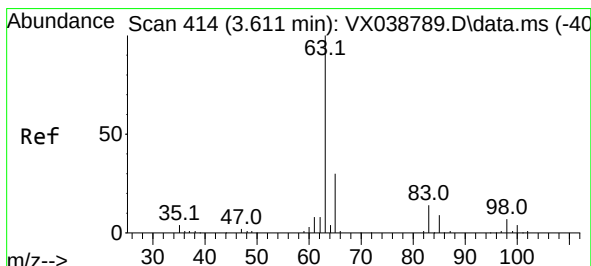
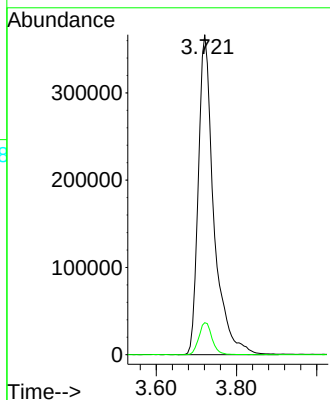
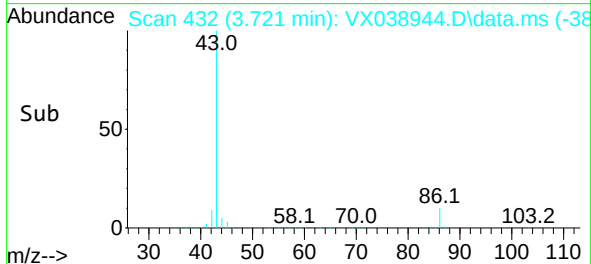
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



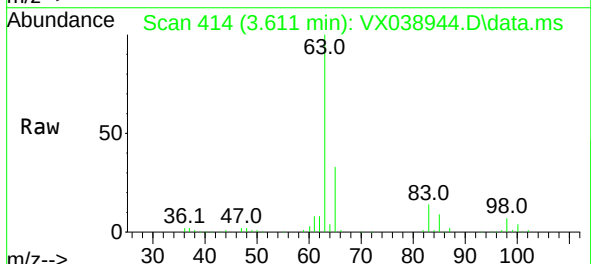
Tgt Ion: 43 Resp: 98345
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

Manual Integrations
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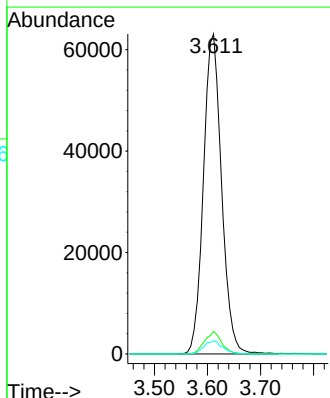
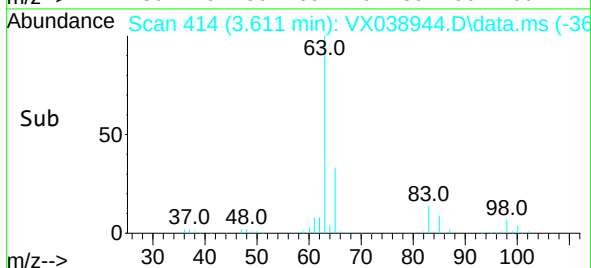
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023

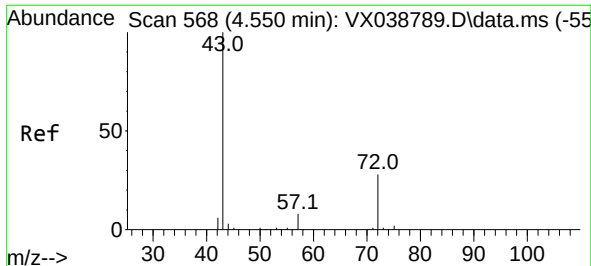


#24
 1,1-Dichloroethane
 Concen: 48.050 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038944.D
 Acq: 18 Nov 2023 21:18



Tgt Ion: 63 Resp: 149884
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.0 2.1 6.5





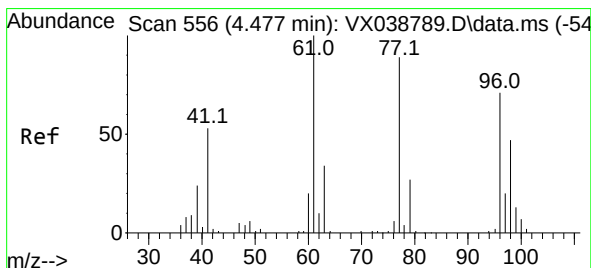
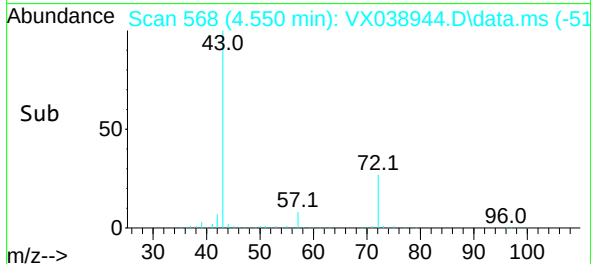
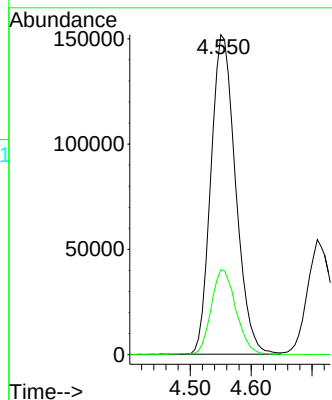
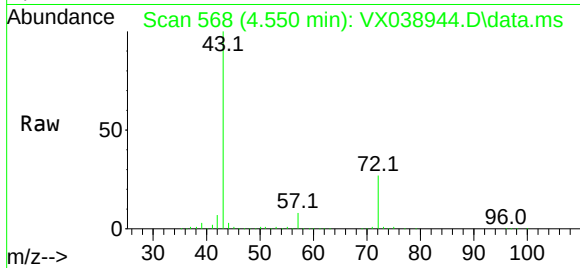
#25
2-Butanone
Concen: 252.135 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 427352
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

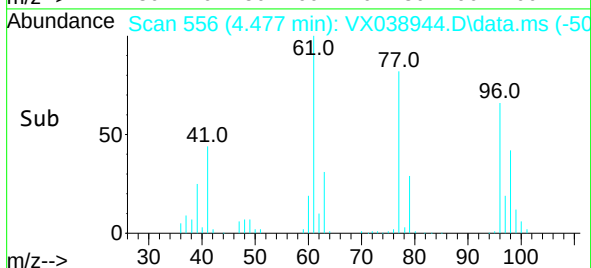
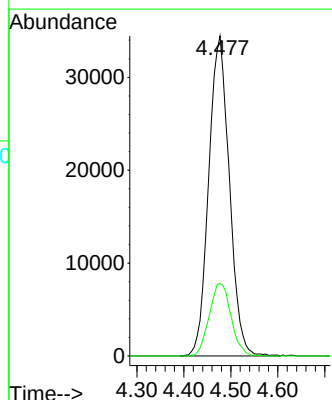
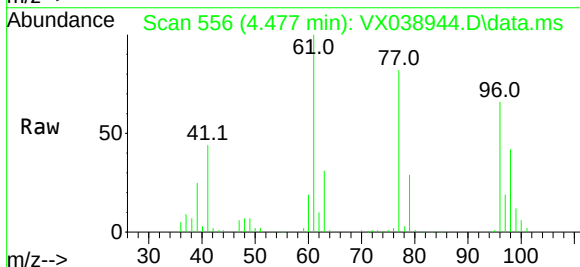
Manual Integrations
APPROVED

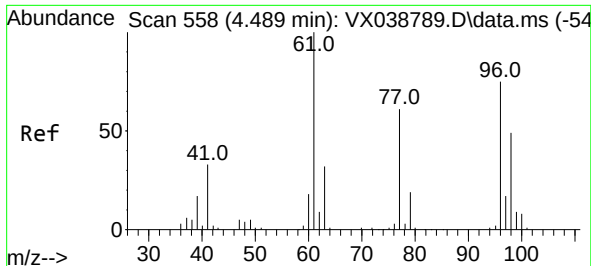
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 38.814 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

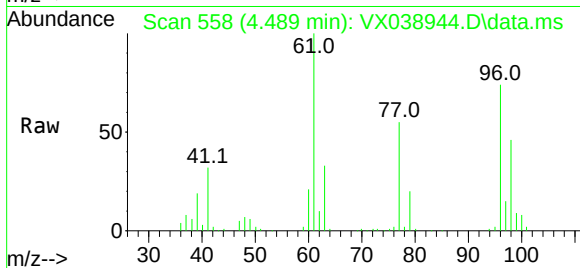
Tgt Ion: 77 Resp: 105023
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 47.450 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

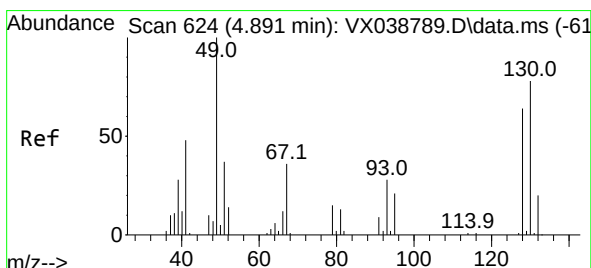
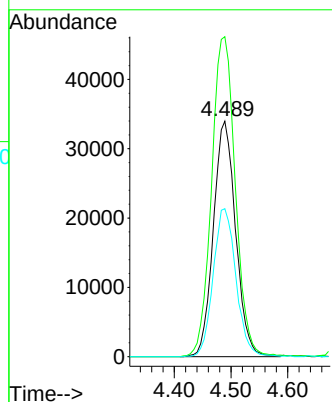
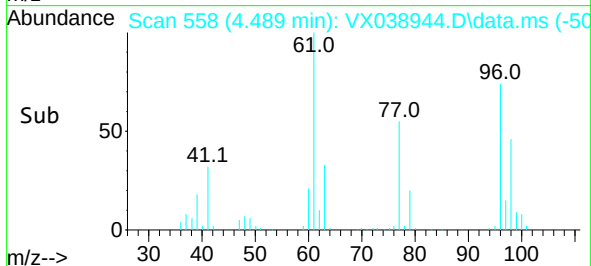
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



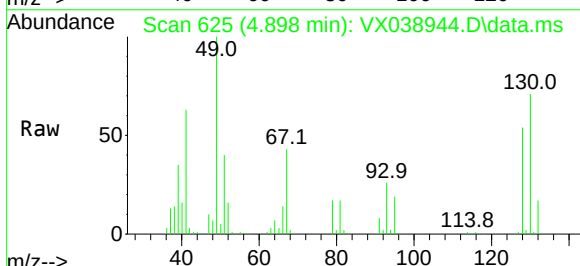
Tgt Ion: 96 Resp: 92684
Ion Ratio Lower Upper
96 100
61 144.9 0.0 312.2
98 64.4 0.0 129.0

Manual Integrations
APPROVED

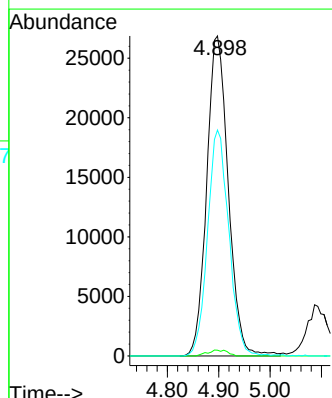
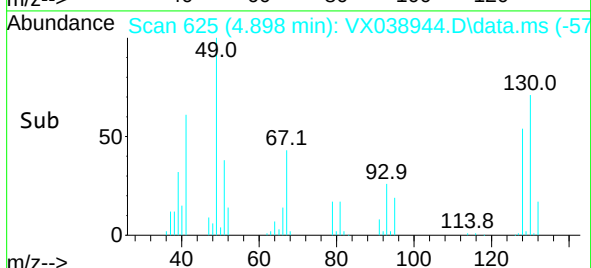
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

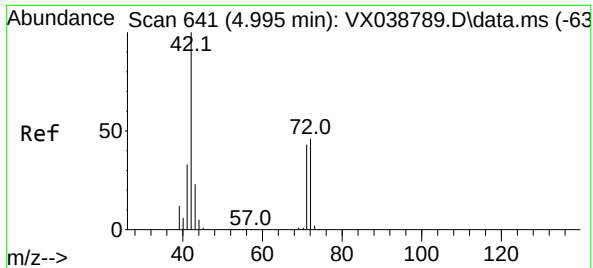


#28
Bromochloromethane
Concen: 52.257 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18



Tgt Ion: 49 Resp: 78263
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 69.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 263.672 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 283760

Ion Ratio Lower Upper

42 100

72 44.3 34.2 51.4

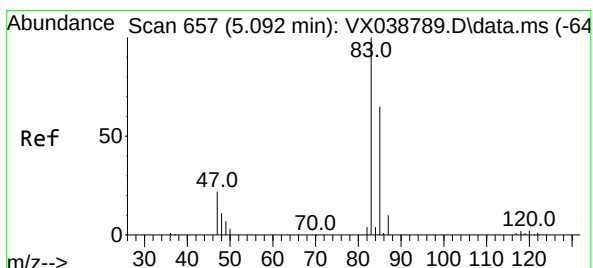
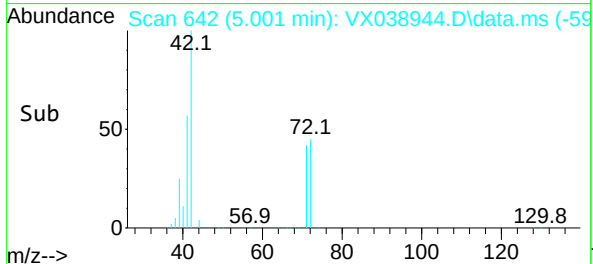
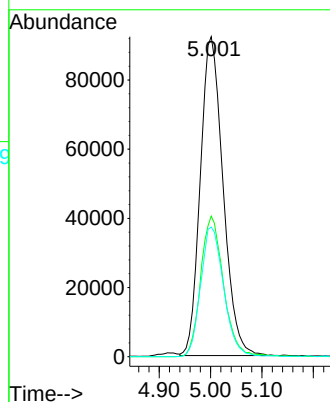
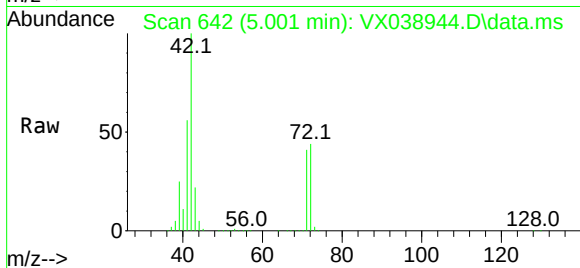
71 41.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 49.966 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038944.D

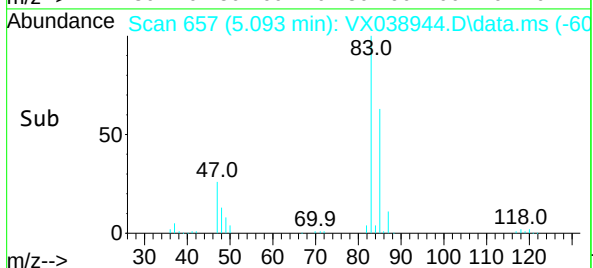
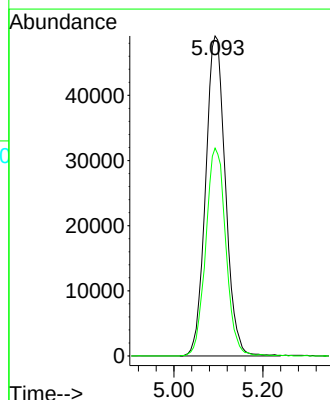
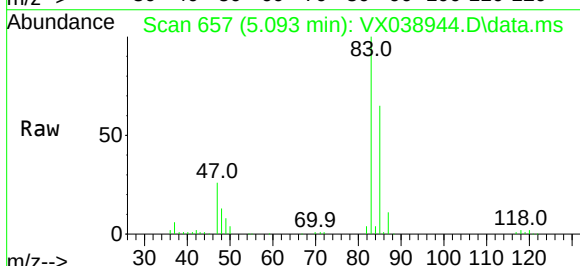
Acq: 18 Nov 2023 21:18

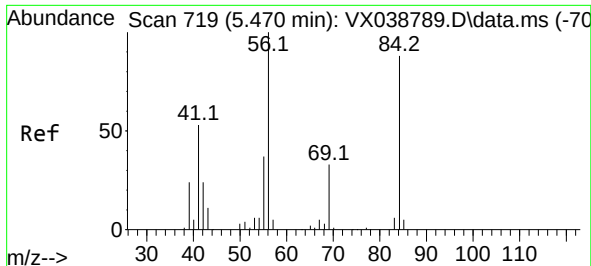
Tgt Ion: 83 Resp: 152194

Ion Ratio Lower Upper

83 100

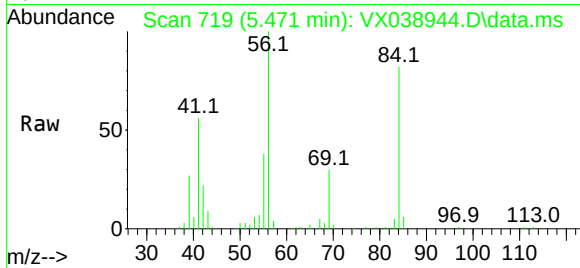
85 64.9 50.3 75.5





#31
Cyclohexane
Concen: 45.333 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

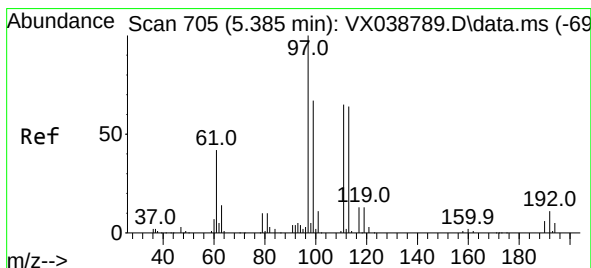
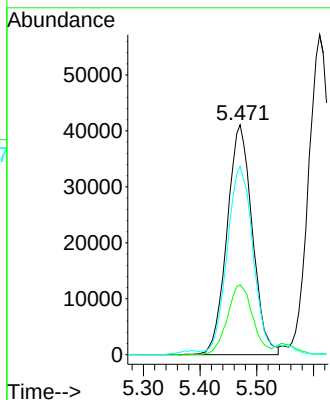
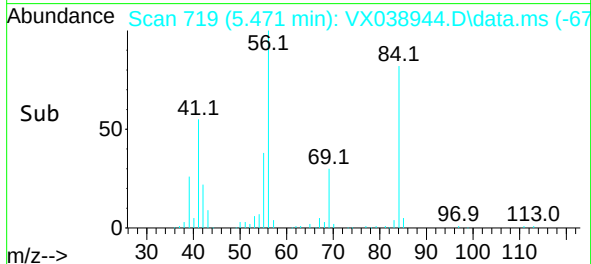
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 127083
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 81.0 65.9 98.9

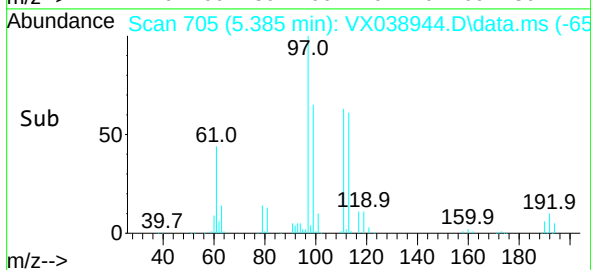
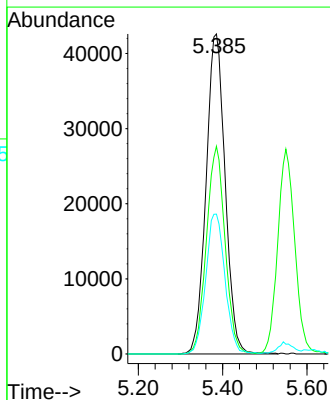
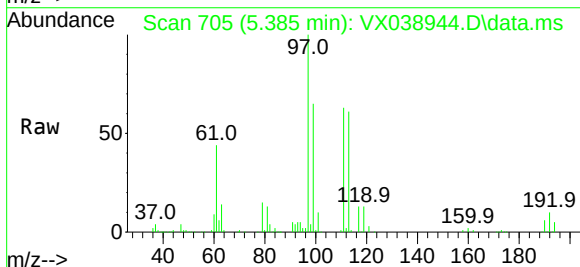
Manual Integrations
APPROVED

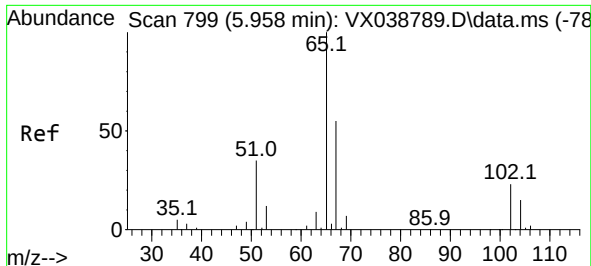
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 50.728 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Tgt Ion: 97 Resp: 133835
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 44.4 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 48.023 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

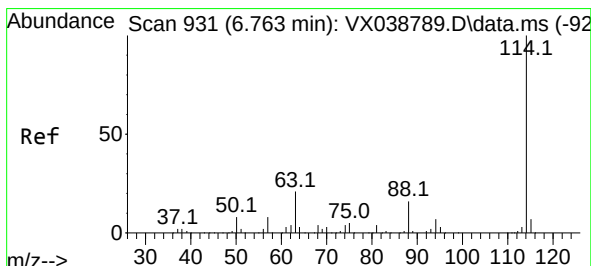
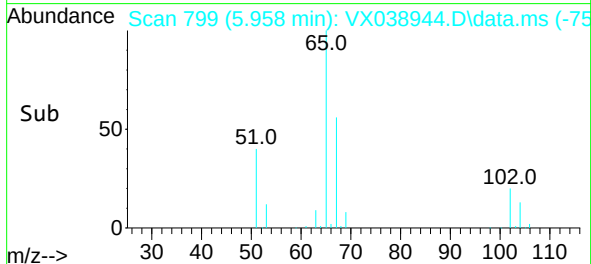
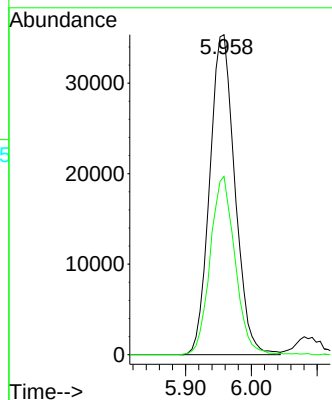
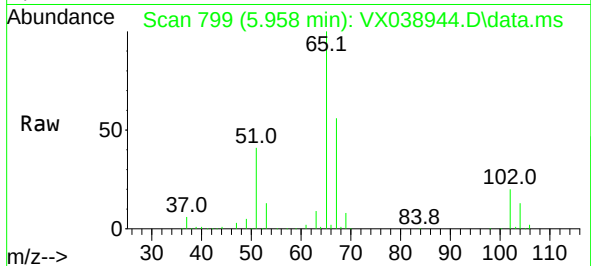
VSTDCCC050EC

Tgt Ion: 65 Resp: 9428
Ion Ratio Lower Upper
65 100
67 55.0 0.0 100.2

Manual Integrations

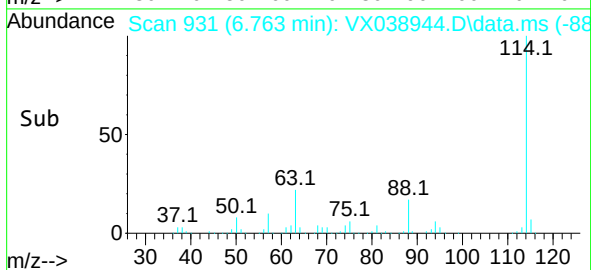
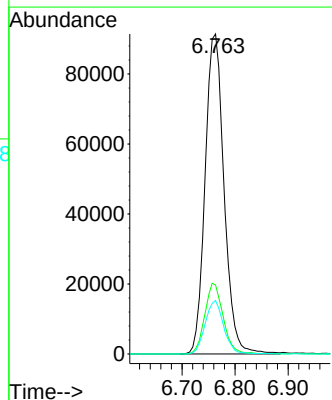
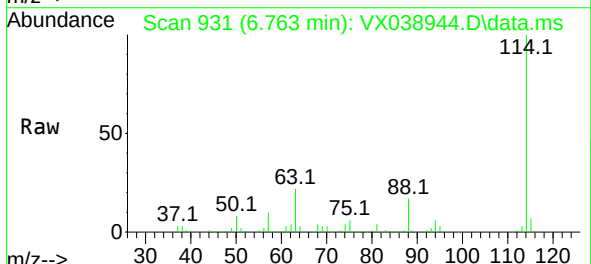
APPROVED

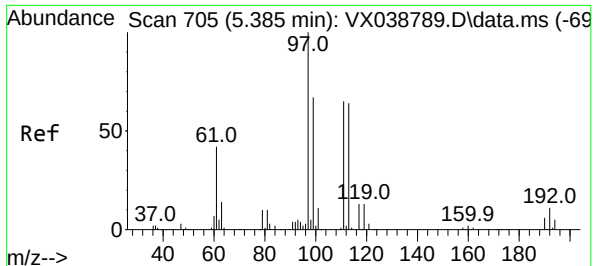
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

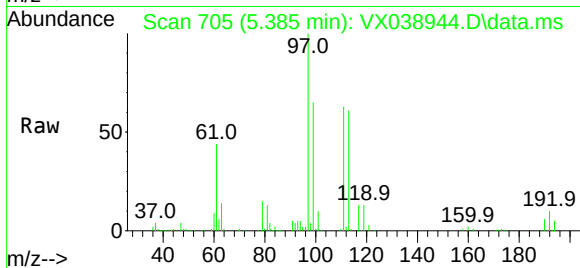
Tgt Ion:114 Resp: 227039
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.924 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

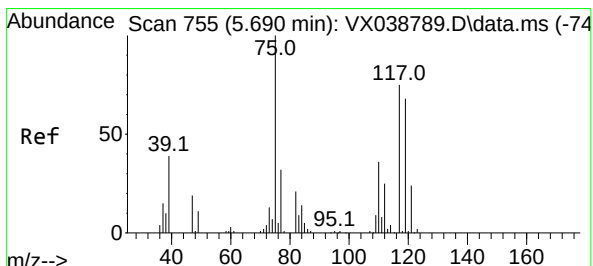
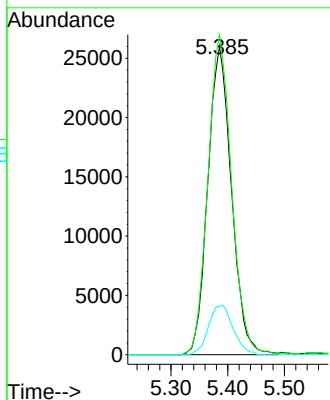
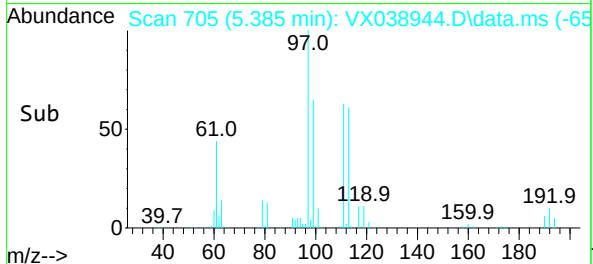
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 7530
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 16.7 13.3 19.9

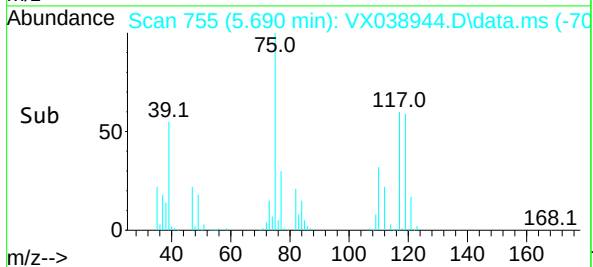
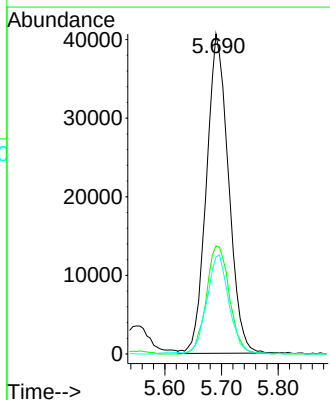
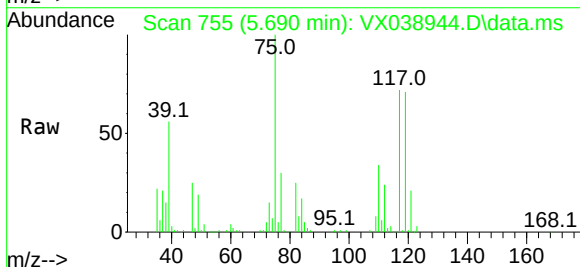
Manual Integrations
APPROVED

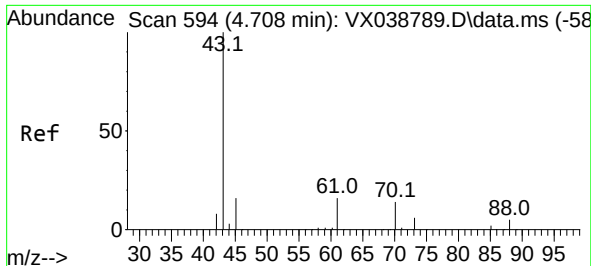
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#36
1,1-Dichloropropene
Concen: 46.620 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

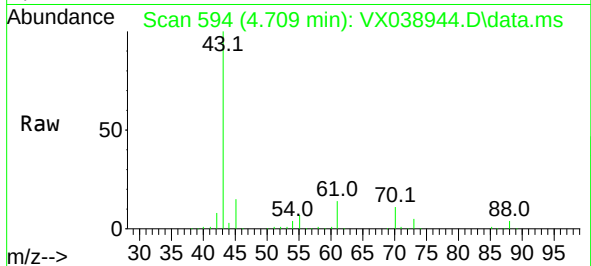
Tgt Ion: 75 Resp: 109563
Ion Ratio Lower Upper
75 100
110 35.5 17.0 50.9
77 30.7 24.7 37.1





#37
Ethyl Acetate
Concen: 50.957 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

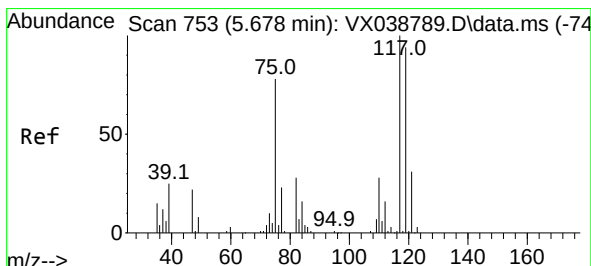
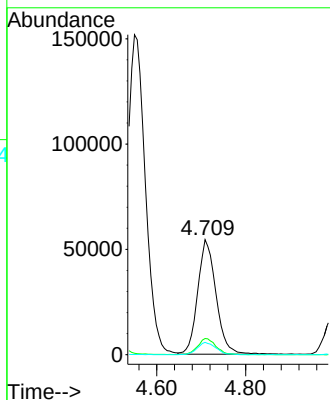
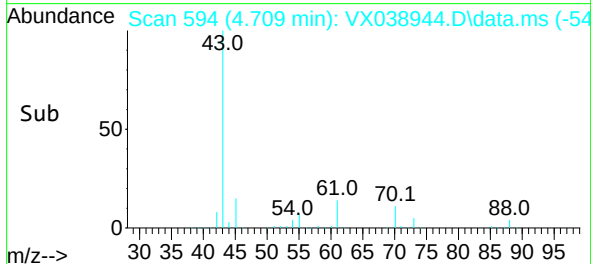
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15602
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 10.8 8.3 12.5

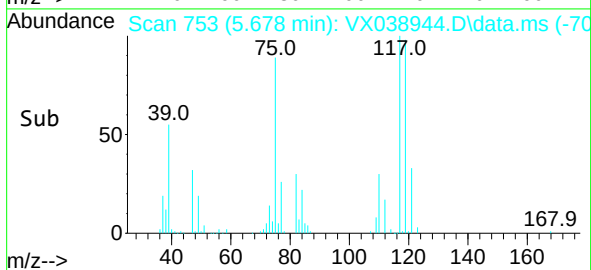
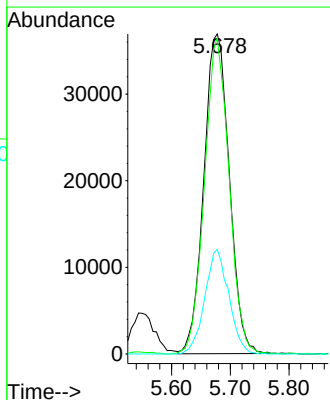
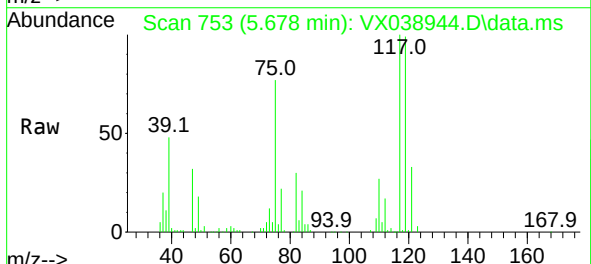
Manual Integrations
APPROVED

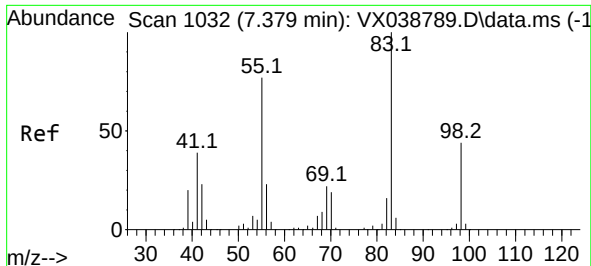
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#38
Carbon Tetrachloride
Concen: 51.380 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Tgt Ion:117 Resp: 111599
Ion Ratio Lower Upper
117 100
119 98.7 78.2 117.2
121 32.7 24.4 36.6





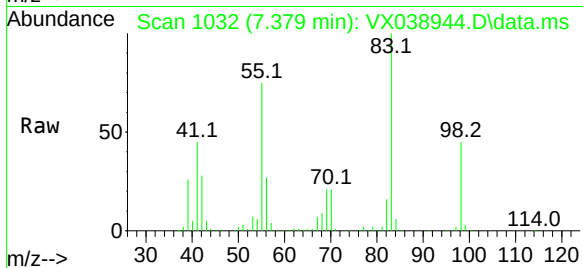
#39
Methylcyclohexane
Concen: 43.770 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



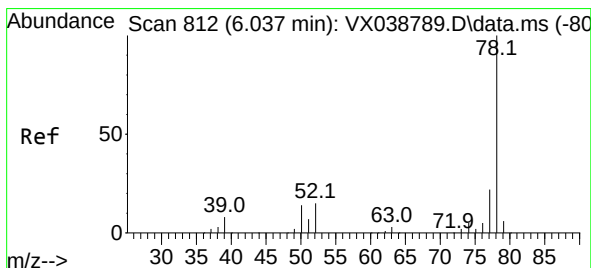
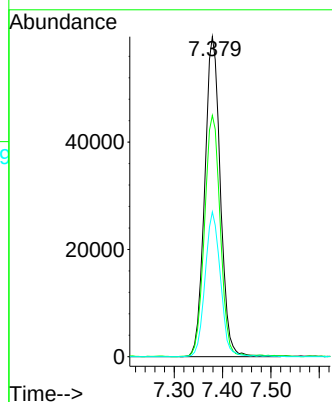
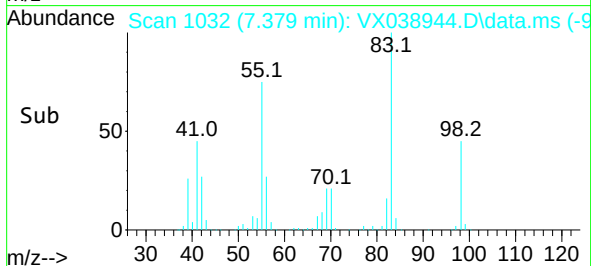
Tgt Ion: 83 Resp: 13417
Ion Ratio Lower Upper
83 100
55 75.3 64.6 97.0
98 45.2 36.7 55.1

Manual Integrations

APPROVED

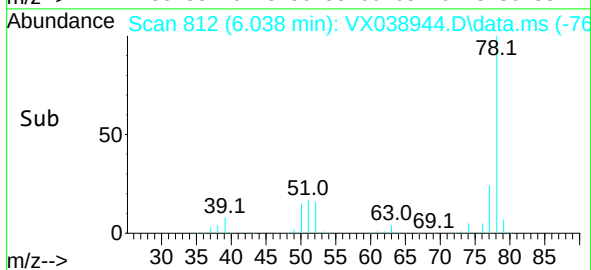
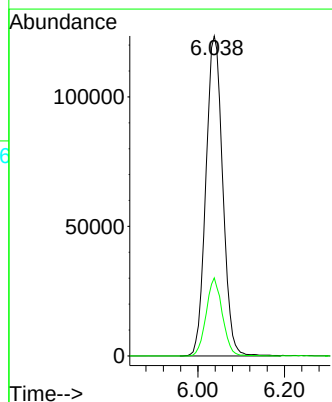
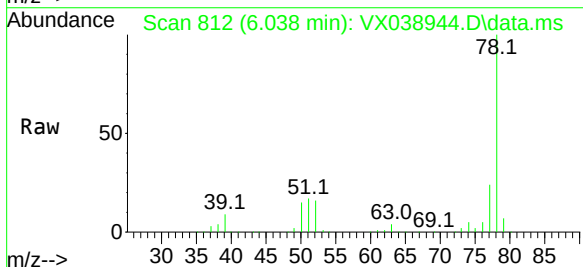
Reviewed By :John Carlone 11/20/2023

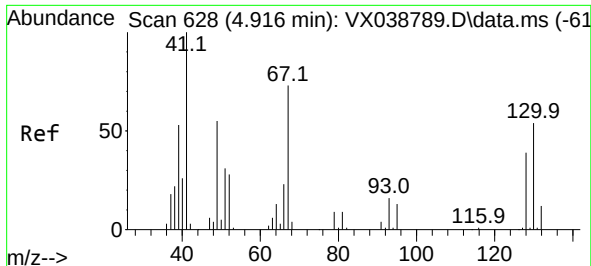
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 47.850 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

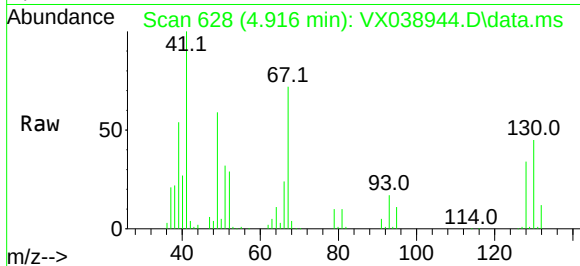
Tgt Ion: 78 Resp: 332603
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#41
Methacrylonitrile
Concen: 52.428 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

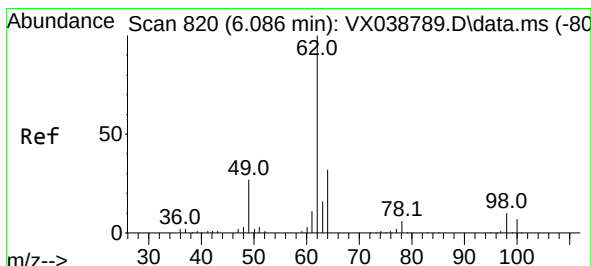
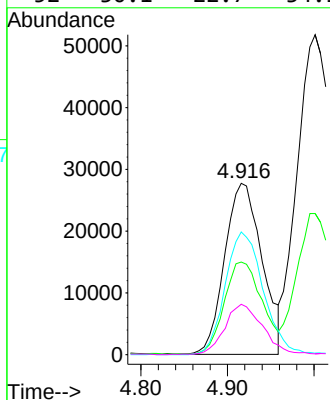
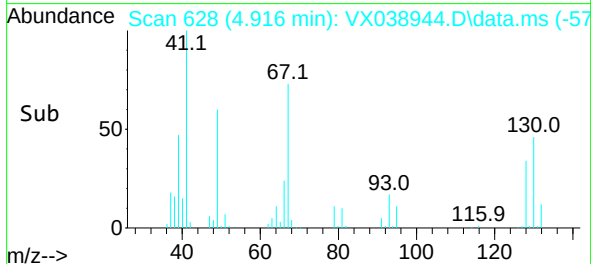
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



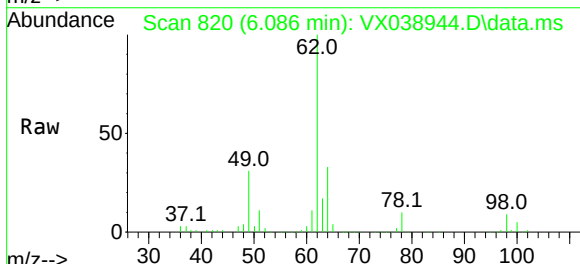
Tgt Ion: 41 Resp: 83250
Ion Ratio Lower Upper
41 100
39 54.2 45.2 67.8
67 73.5 52.6 78.8
52 30.1 22.7 34.1

Manual Integrations
APPROVED

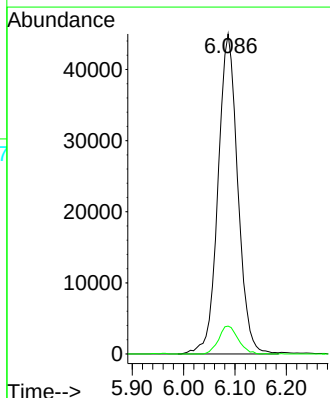
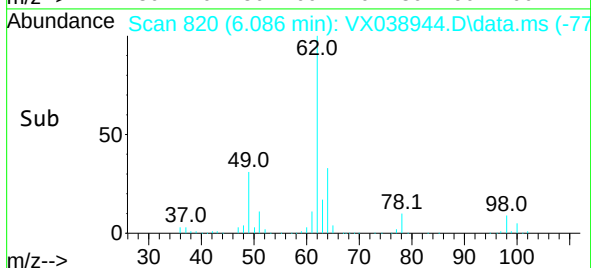
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

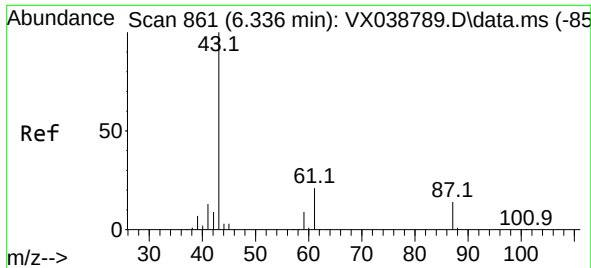


#42
1,2-Dichloroethane
Concen: 52.155 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18



Tgt Ion: 62 Resp: 120110
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.232 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 245798

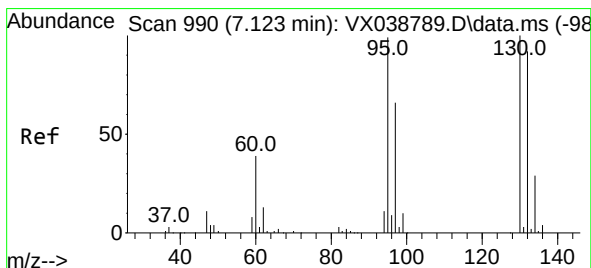
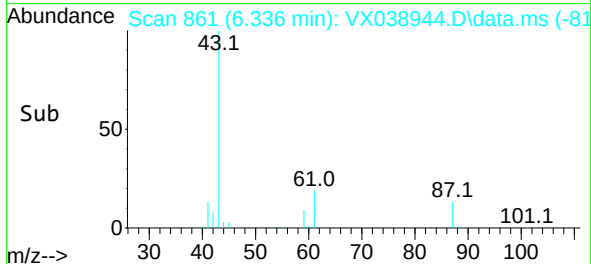
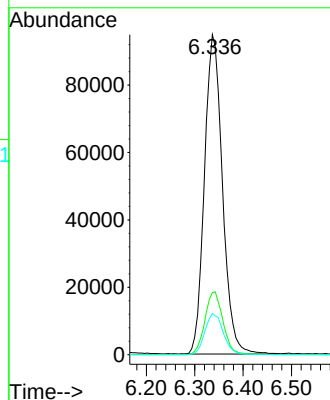
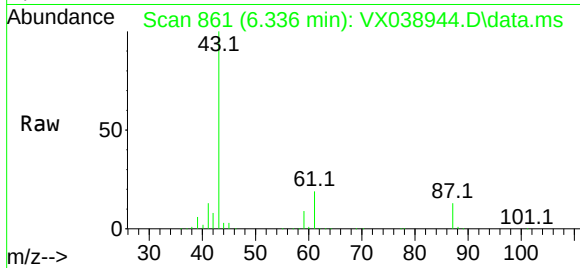
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	13.1	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#44

Trichloroethene

Concen: 48.583 ug/l

RT: 7.123 min Scan# 990

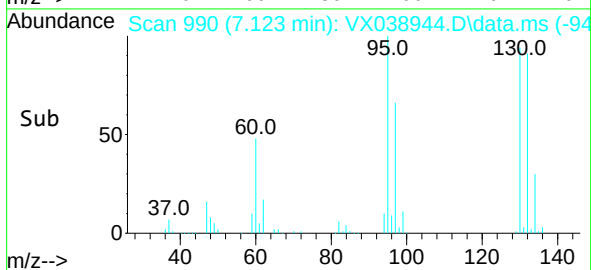
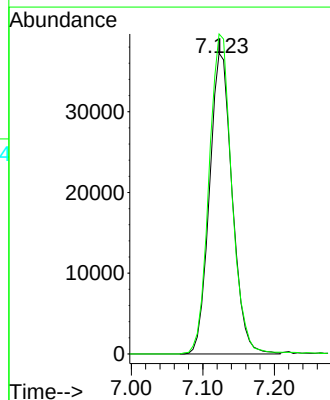
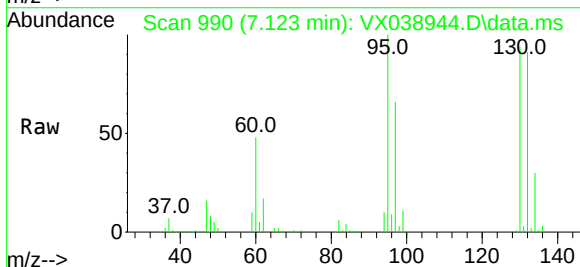
Delta R.T. 0.000 min

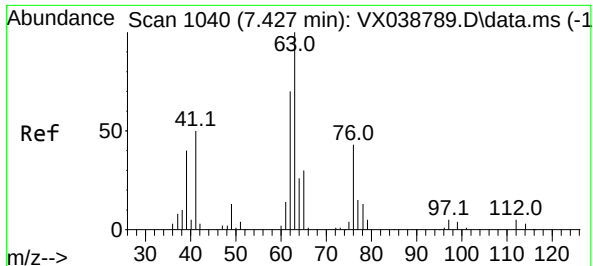
Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Tgt Ion:130 Resp: 82199

Ion	Ratio	Lower	Upper
130	100		
95	106.4	0.0	204.4





#45

1,2-Dichloropropane

Concen: 48.646 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

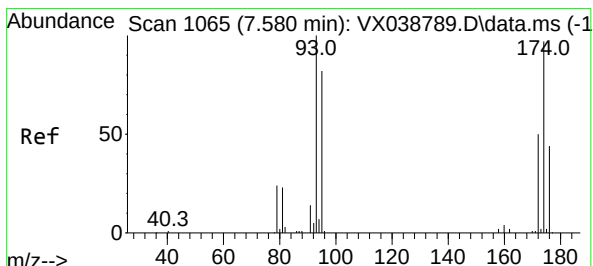
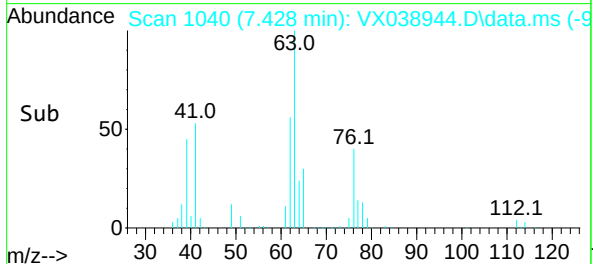
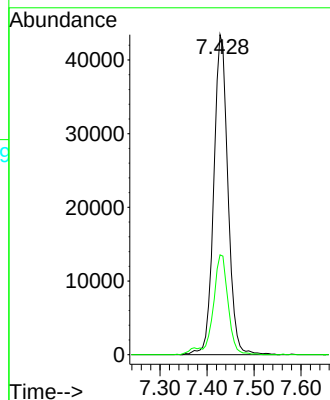
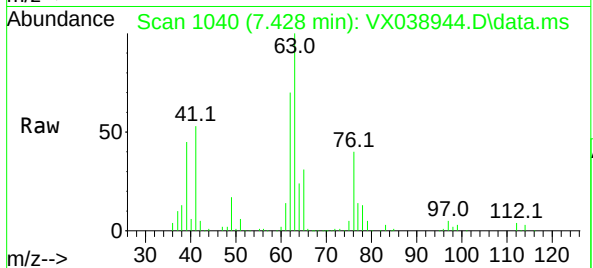
Tgt Ion: 63 Resp: 90994
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 50.892 ug/l

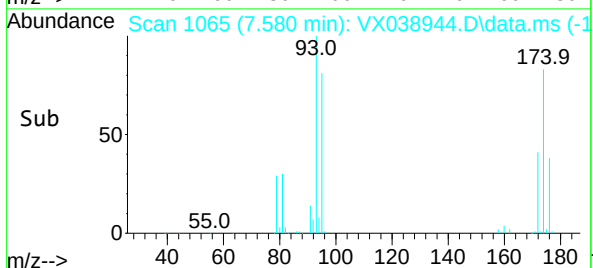
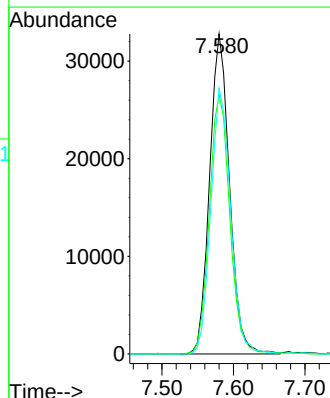
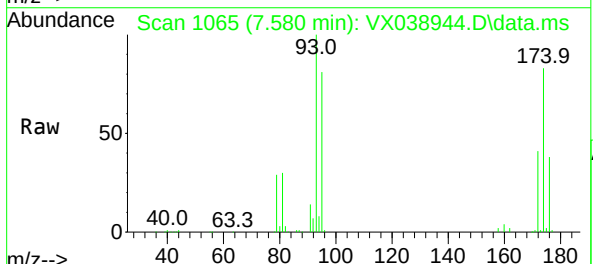
RT: 7.580 min Scan# 1065

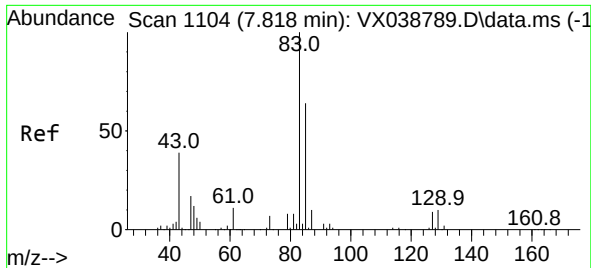
Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

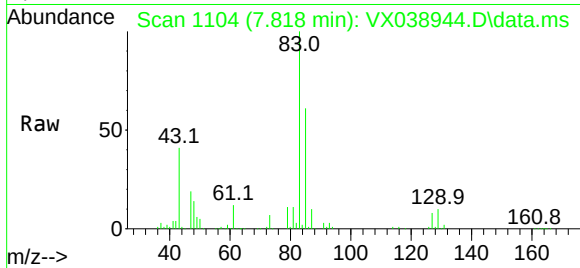
Tgt Ion: 93 Resp: 63484
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 100.0
 174 83.1 69.4 104.0





#47
Bromodichloromethane
Concen: 50.334 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

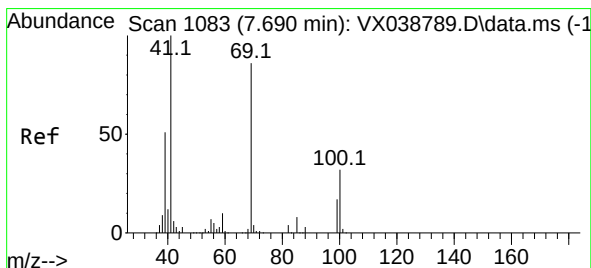
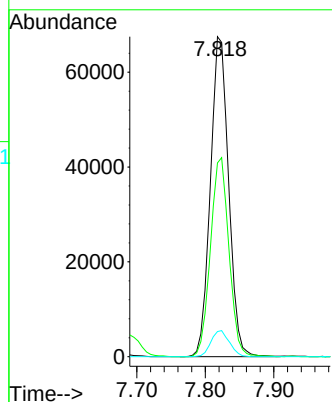
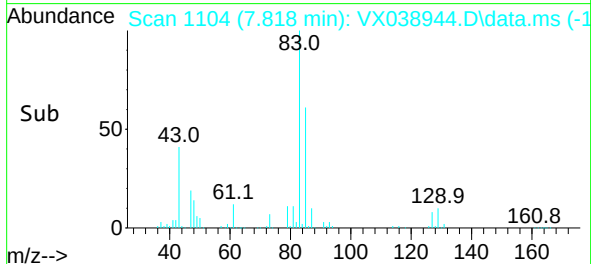
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



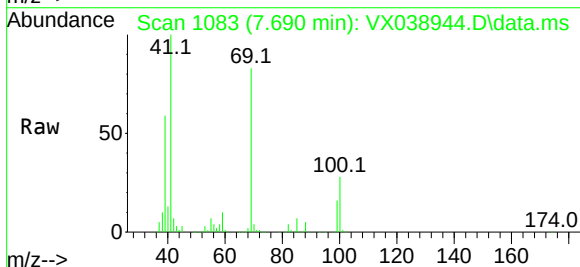
Tgt Ion: 83 Resp: 124618
Ion Ratio Lower Upper
83 100
85 60.5 49.8 74.6
127 7.9 7.1 10.7

Manual Integrations
APPROVED

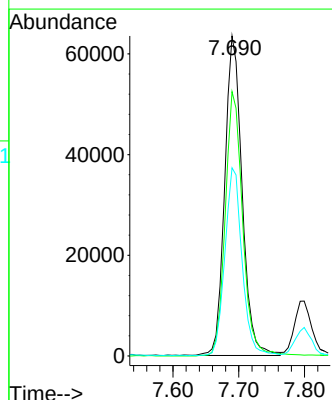
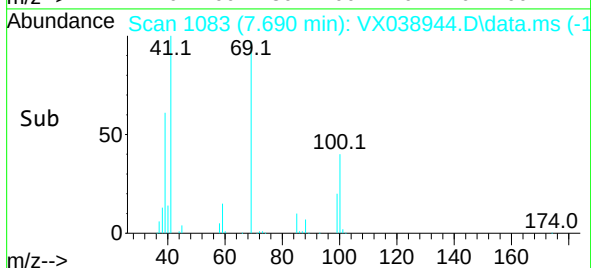
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

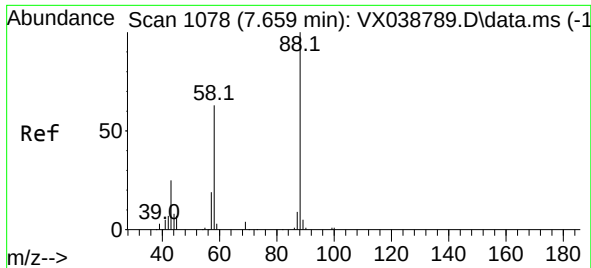


#48
Methyl methacrylate
Concen: 49.211 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18



Tgt Ion: 41 Resp: 116834
Ion Ratio Lower Upper
41 100
69 82.9 59.2 88.8
39 58.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1113.513 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

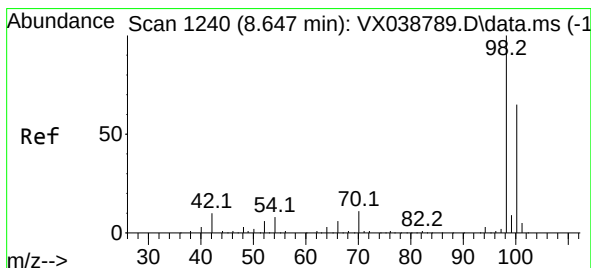
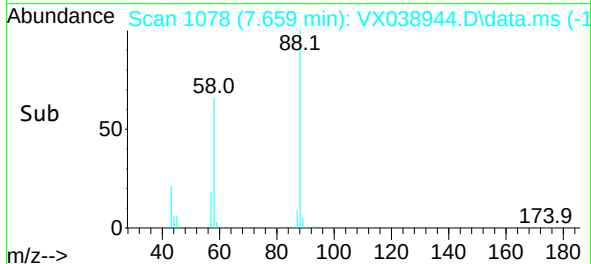
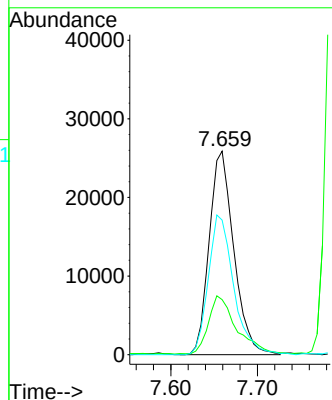
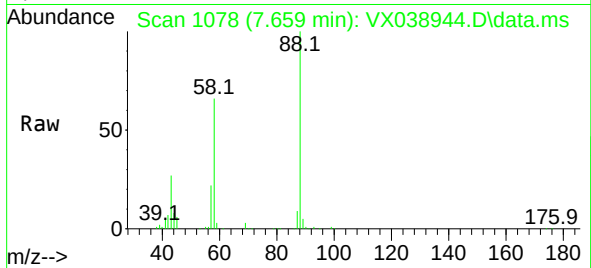
Tgt Ion: 88 Resp: 51145
 Ion Ratio Lower Upper
 88 100
 43 32.5 0.0 0.0
 58 70.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 44.859 ug/l

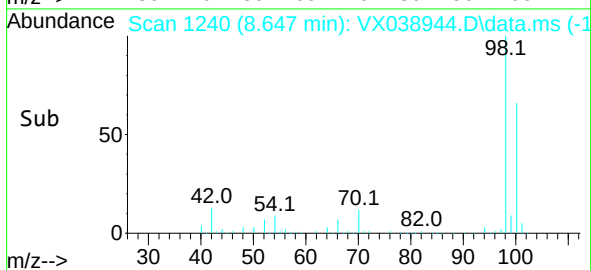
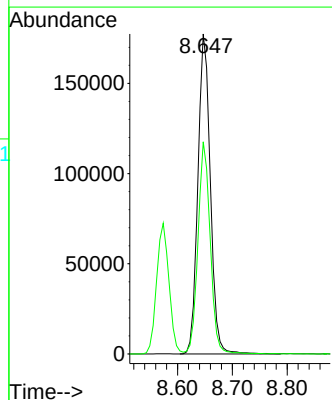
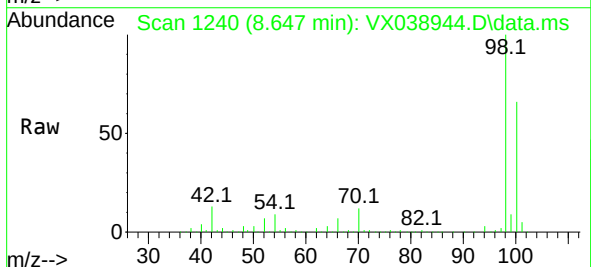
RT: 8.647 min Scan# 1240

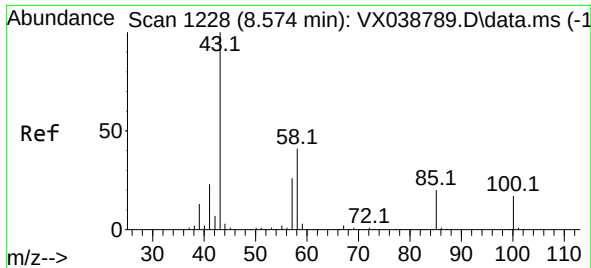
Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Tgt Ion: 98 Resp: 281433
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 262.824 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

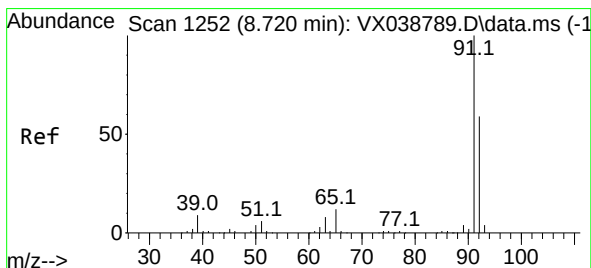
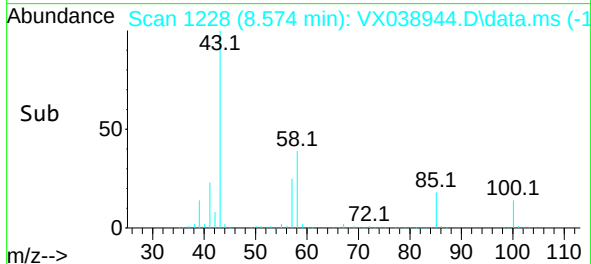
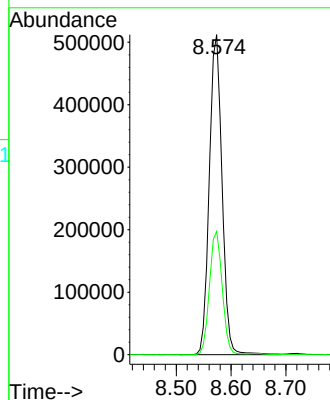
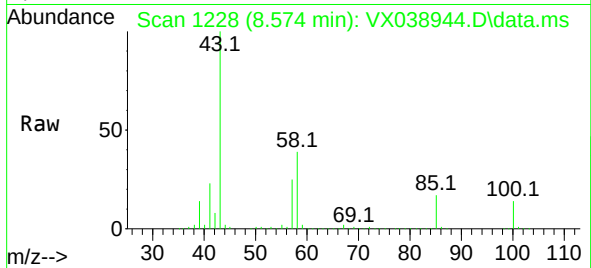
VSTDC050EC

Tgt Ion: 43 Resp: 82186
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

Manual Integrations

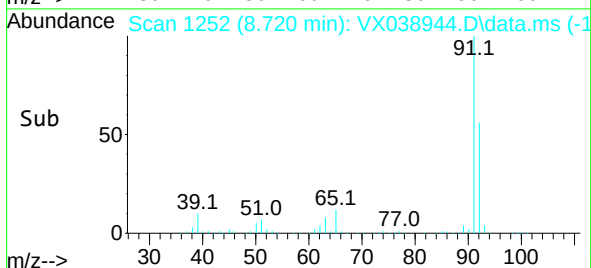
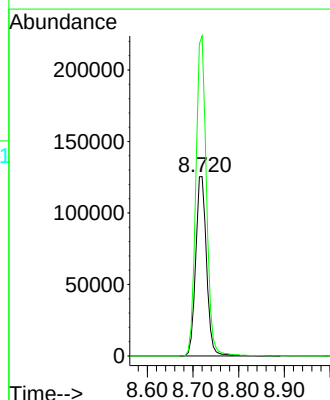
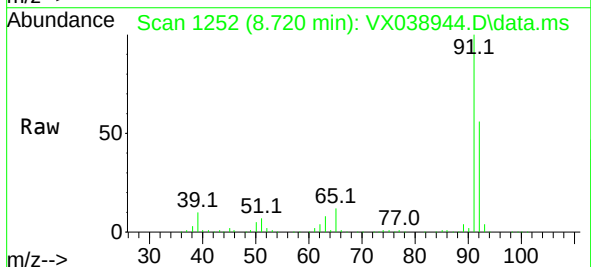
APPROVED

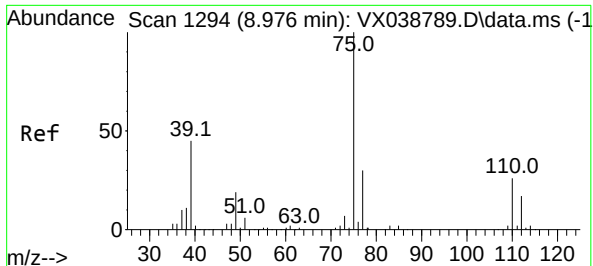
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 47.836 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Tgt Ion: 92 Resp: 206337
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.558 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 13698

Ion Ratio Lower Upper

75 100

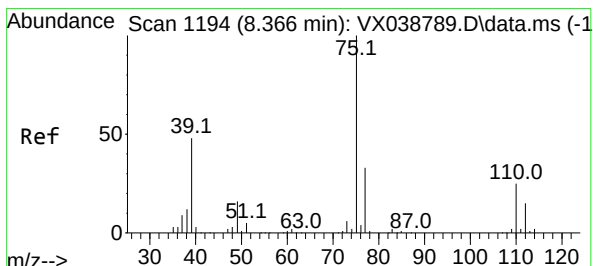
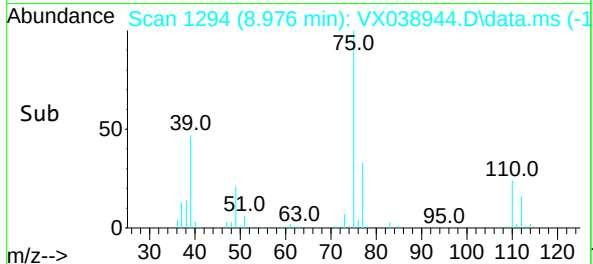
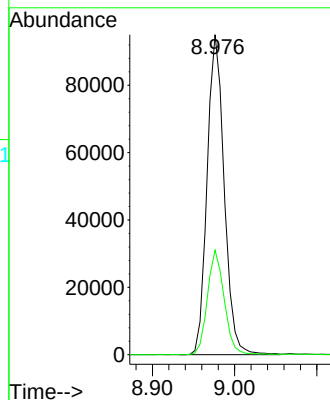
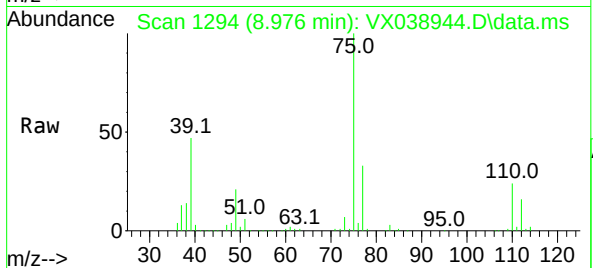
77 32.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#54

cis-1,3-Dichloropropene

Concen: 47.278 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

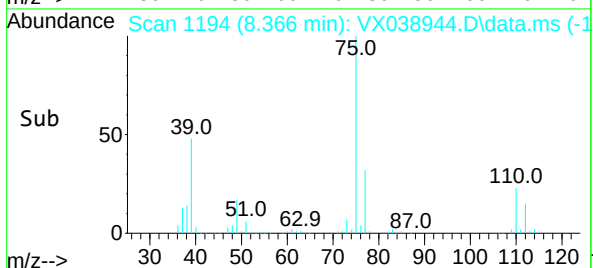
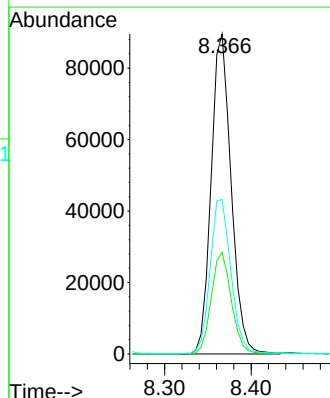
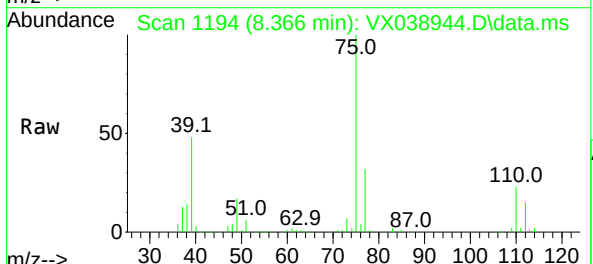
Tgt Ion: 75 Resp: 143684

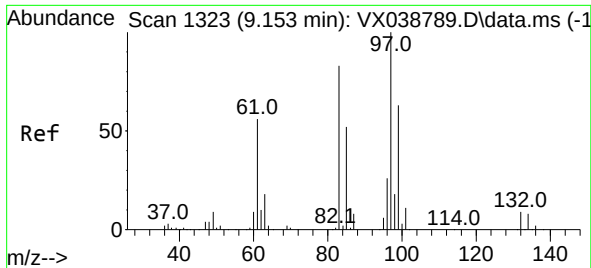
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

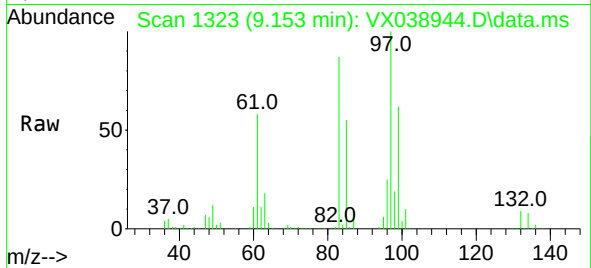
39 48.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.268 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

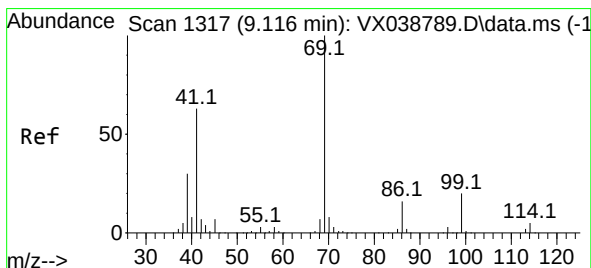
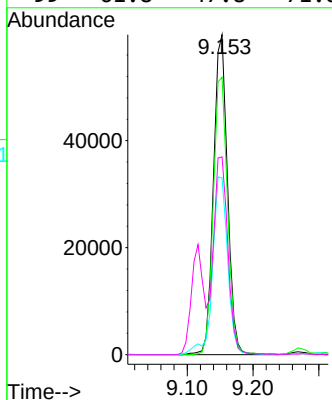
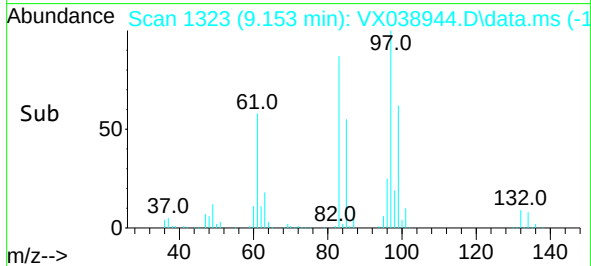
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



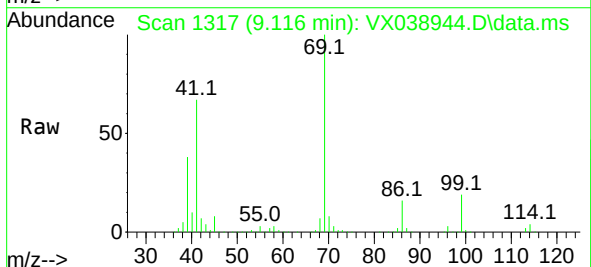
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.8
85	55.3	41.6	62.4
99	61.8	47.8	71.8

Manual Integrations
APPROVED

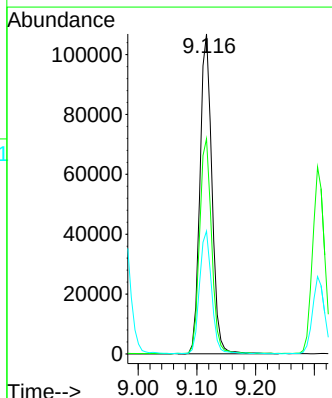
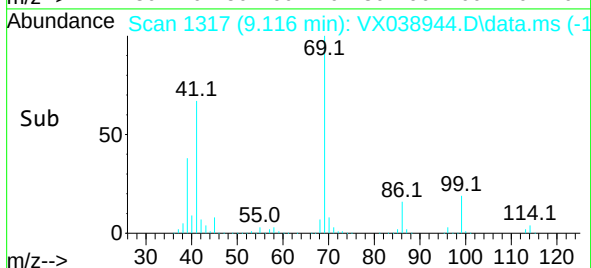
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

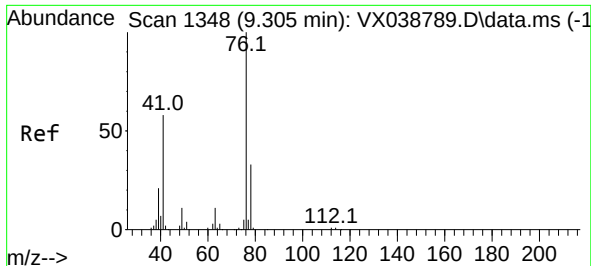


#56
Ethyl methacrylate
Concen: 49.645 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.8	85.2
39	38.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 49.822 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 148298

Ion Ratio Lower Upper

76 100

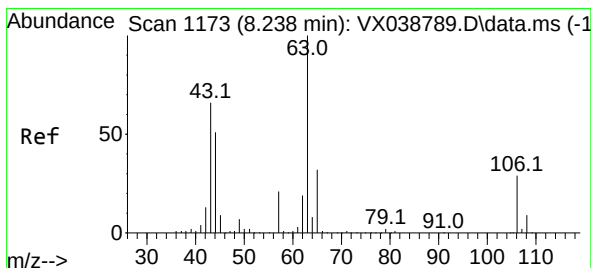
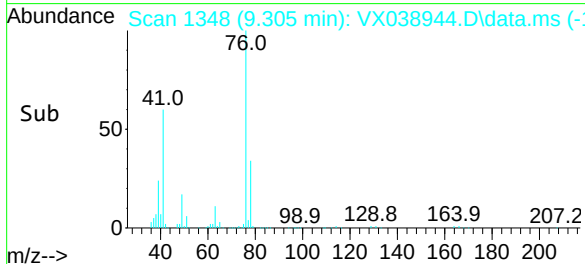
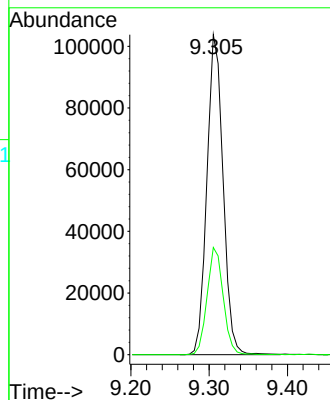
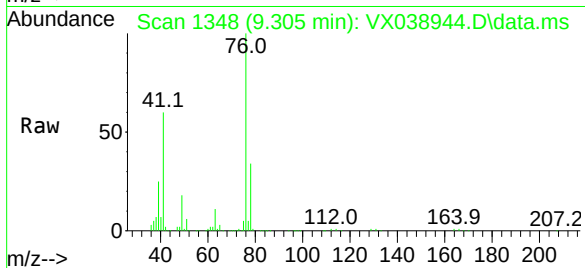
78 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 247.013 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038944.D

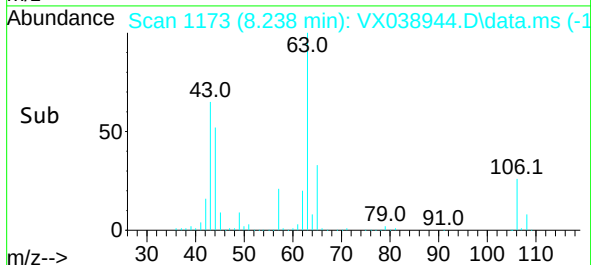
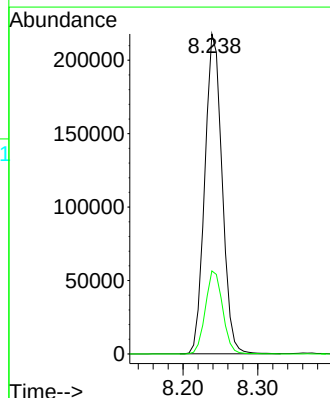
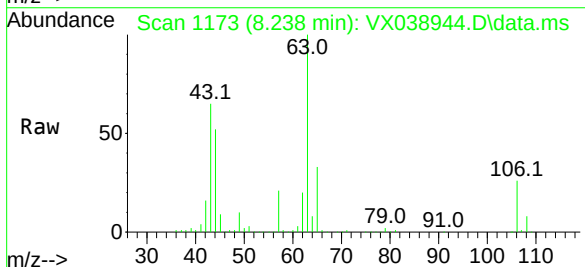
Acq: 18 Nov 2023 21:18

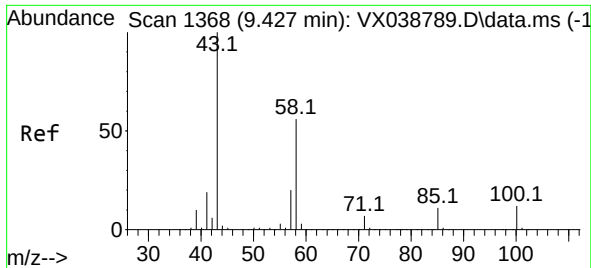
Tgt Ion: 63 Resp: 350407

Ion Ratio Lower Upper

63 100

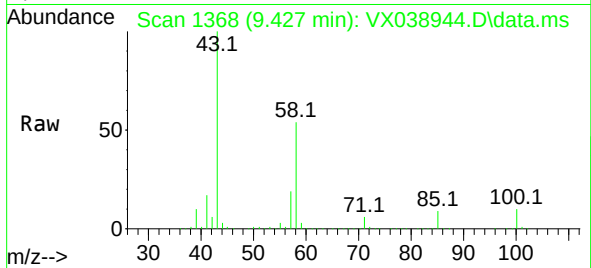
106 25.9 22.5 33.7





#59
2-Hexanone
Concen: 260.639 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

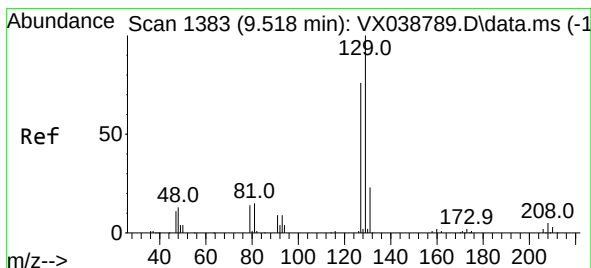
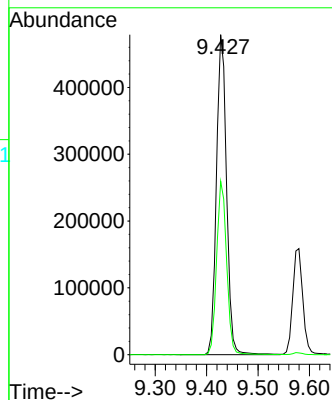
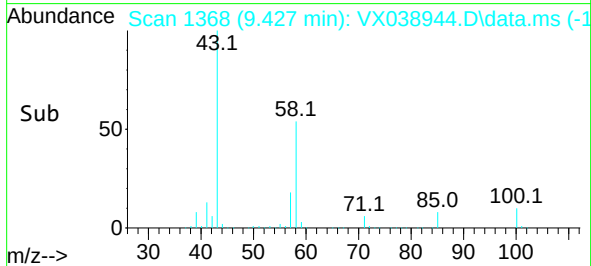
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 653274
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5

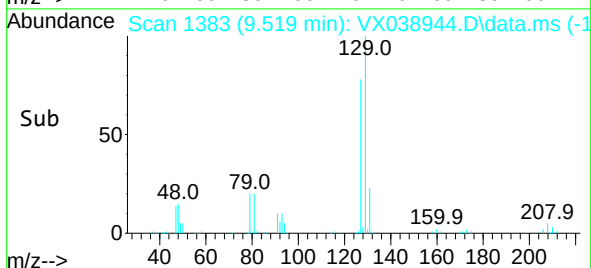
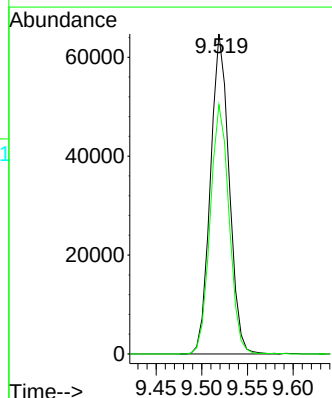
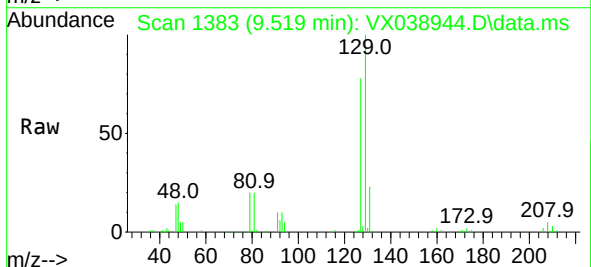
Manual Integrations
APPROVED

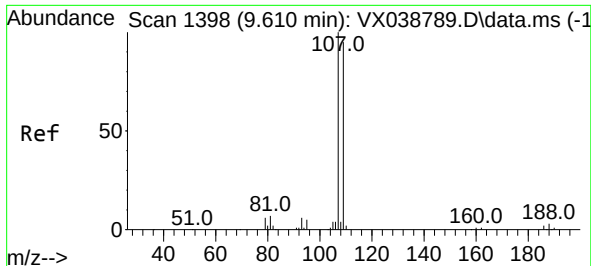
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 50.192 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

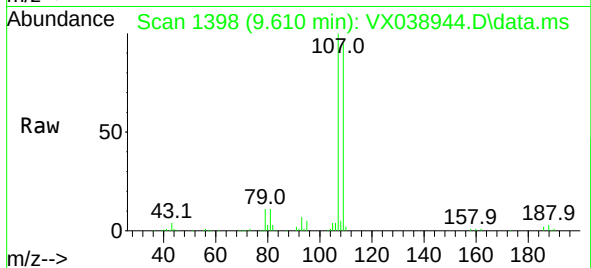
Tgt Ion:129 Resp: 91853
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.207 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

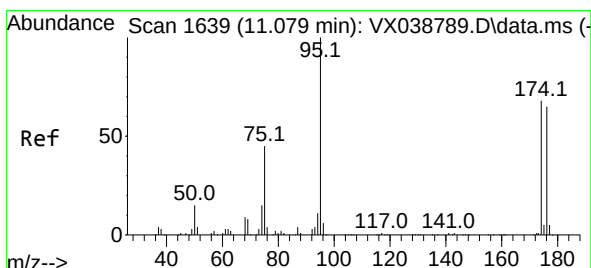
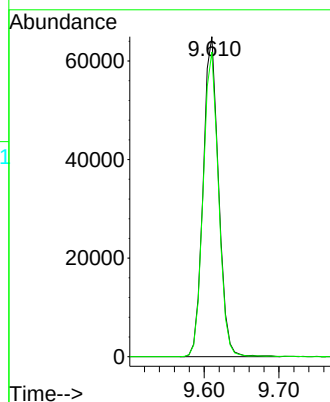
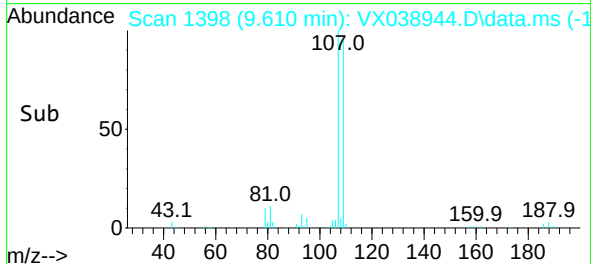
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 92932
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8

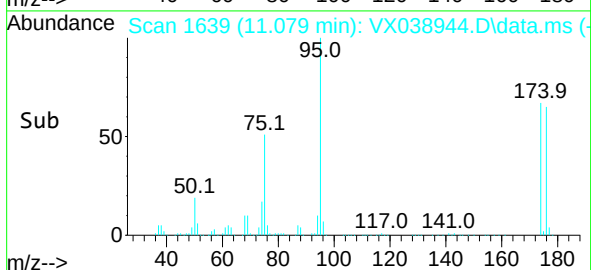
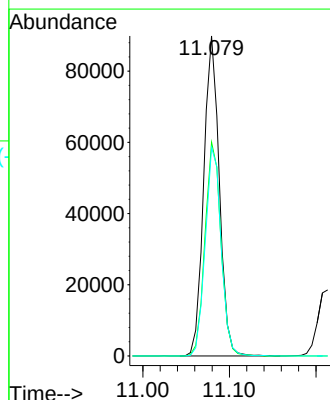
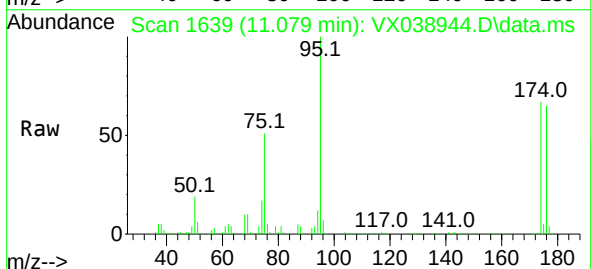
Manual Integrations
APPROVED

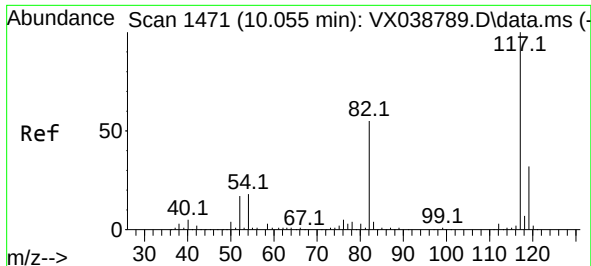
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 44.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

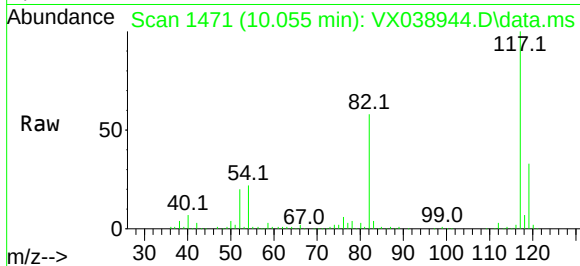
Tgt Ion: 95 Resp: 112154
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.6
176 66.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

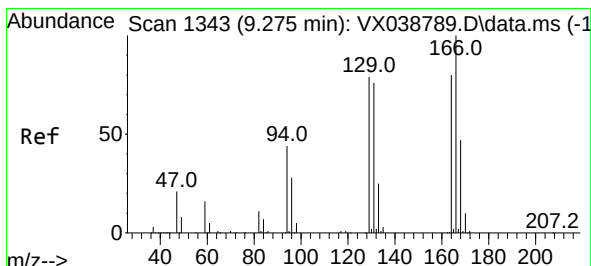
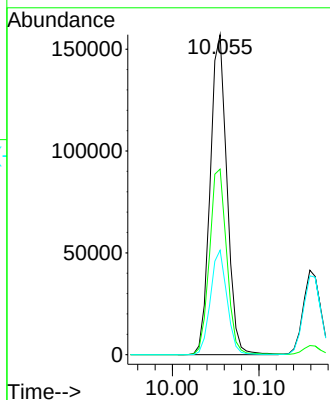
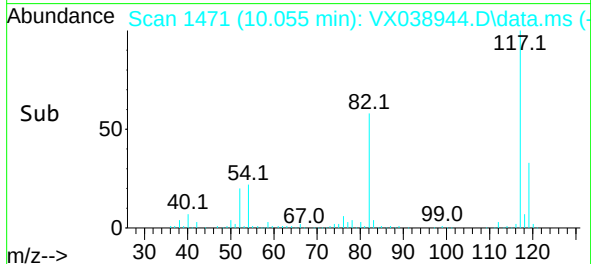
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 21148
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.6 25.5 38.3

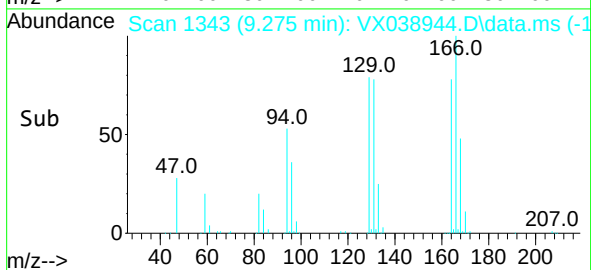
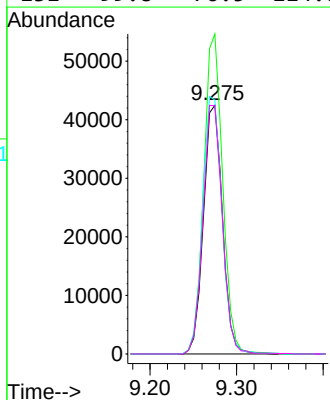
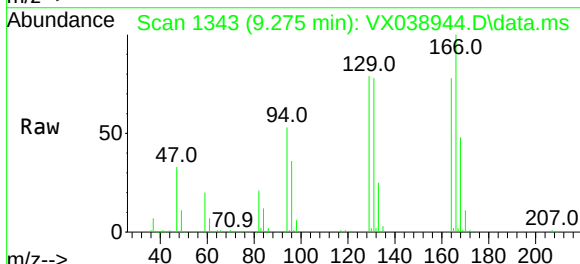
Manual Integrations
APPROVED

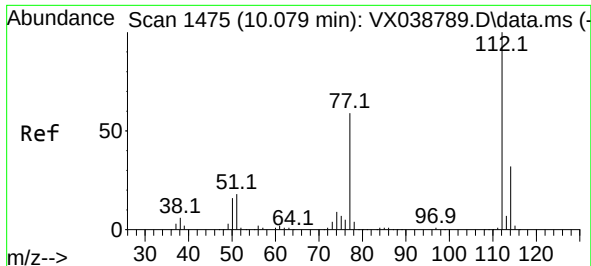
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 49.283 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

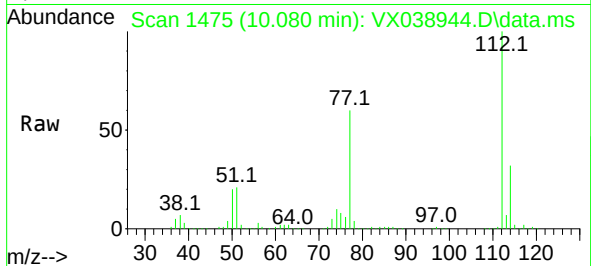
Tgt Ion:164 Resp: 64784
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 102.1 80.4 120.6
131 99.8 76.5 114.7





#65
Chlorobenzene
Concen: 48.307 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

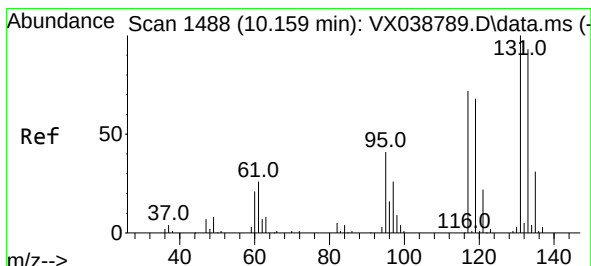
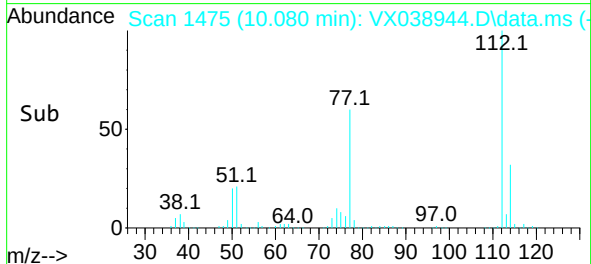
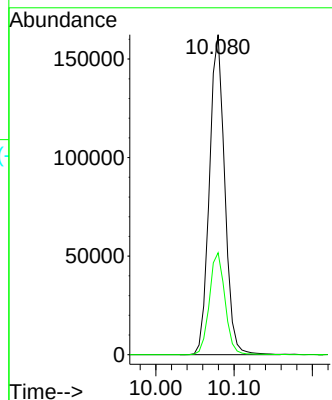
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 220063
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

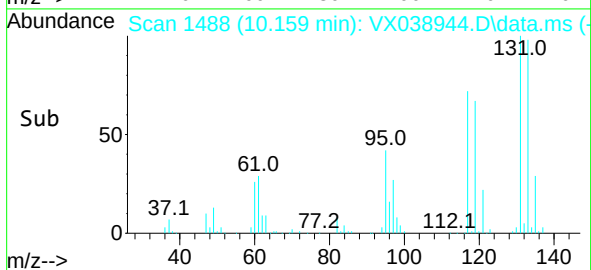
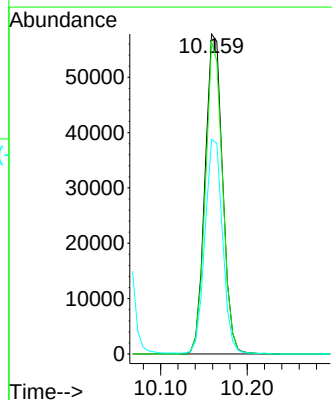
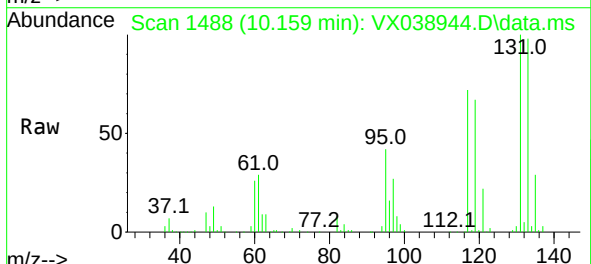
Manual Integrations
APPROVED

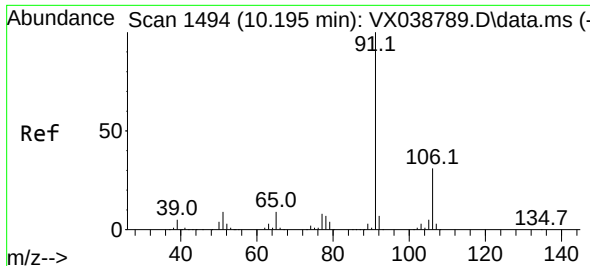
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.684 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

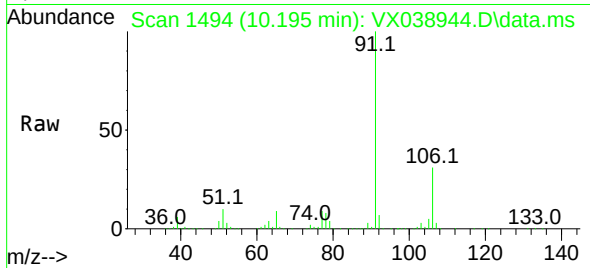
Tgt Ion:131 Resp: 81417
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 67.4 32.2 96.6





#67
Ethyl Benzene
Concen: 48.563 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

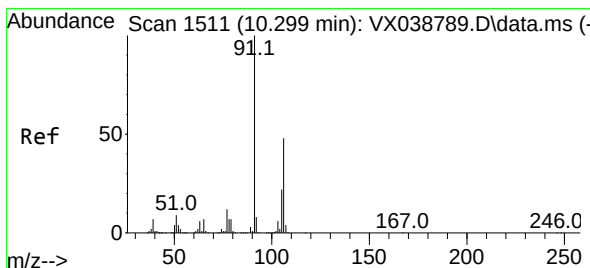
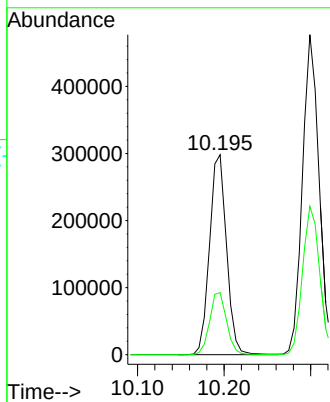
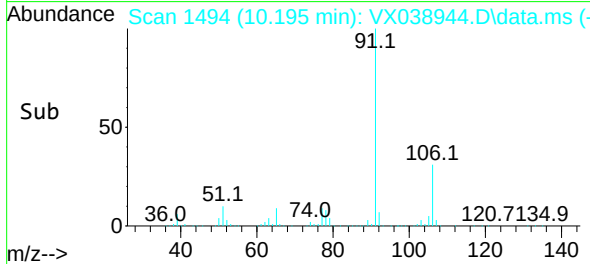
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 406458
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

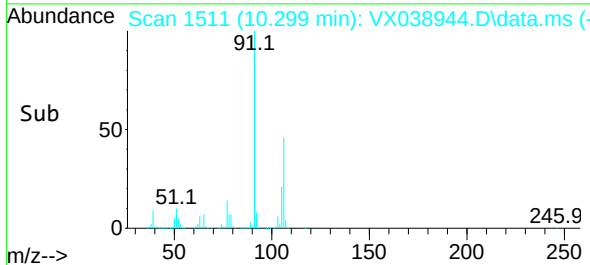
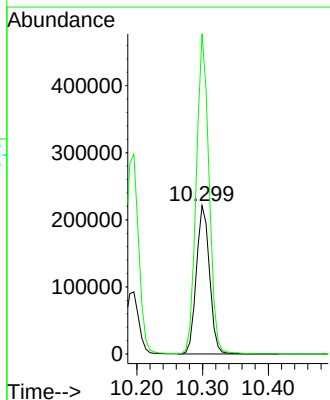
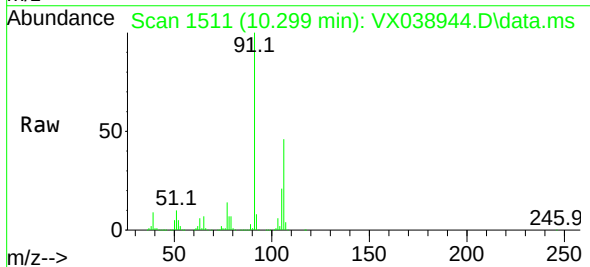
Manual Integrations
APPROVED

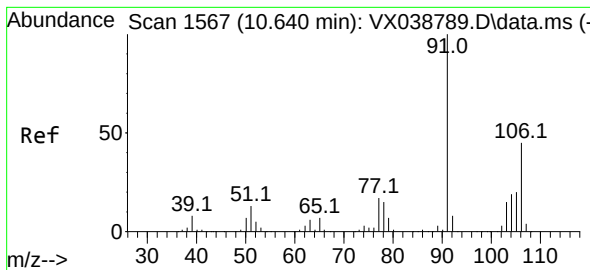
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#68
m/p-Xylenes
Concen: 96.592 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Tgt Ion:106 Resp: 305817
Ion Ratio Lower Upper
106 100
91 209.7 165.5 248.3





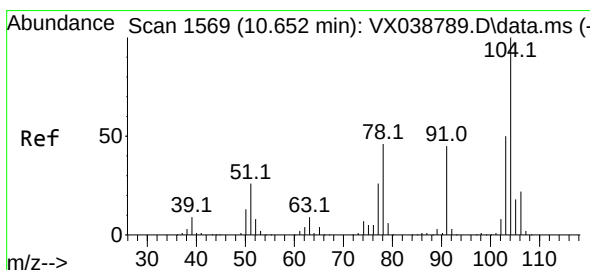
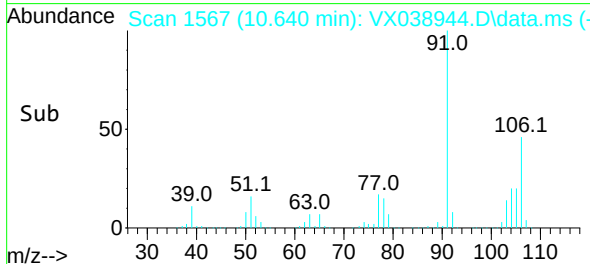
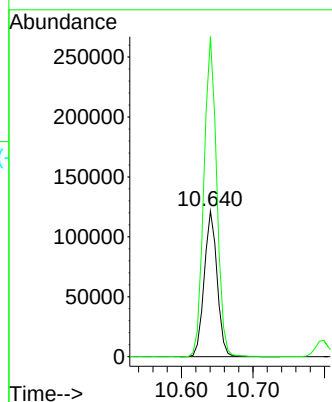
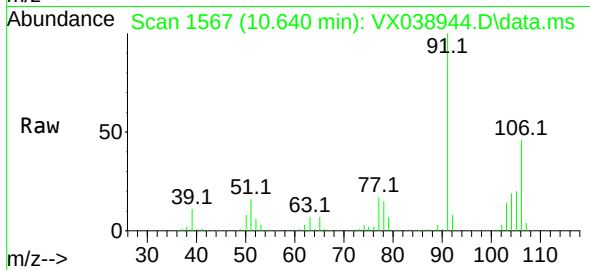
#69
o-Xylene
Concen: 48.495 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 151924
Ion Ratio Lower Upper
106 100
91 219.3 108.9 326.8

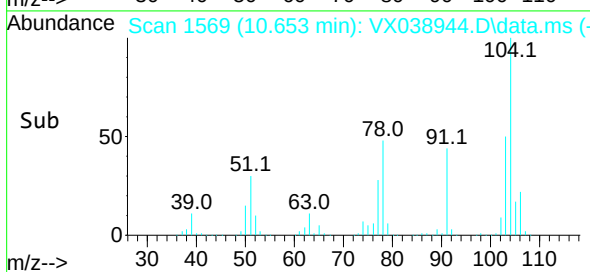
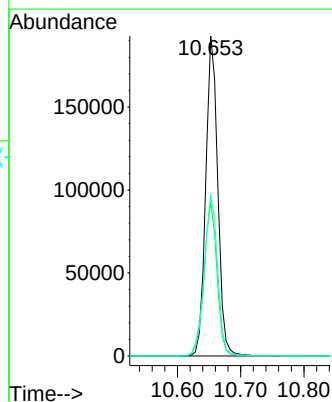
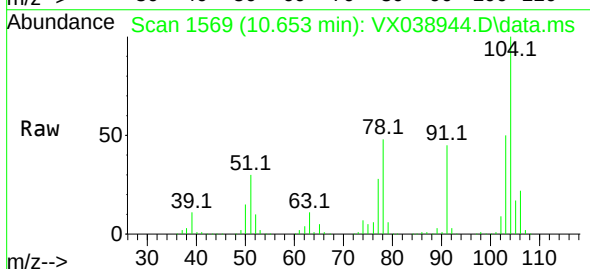
Manual Integrations
APPROVED

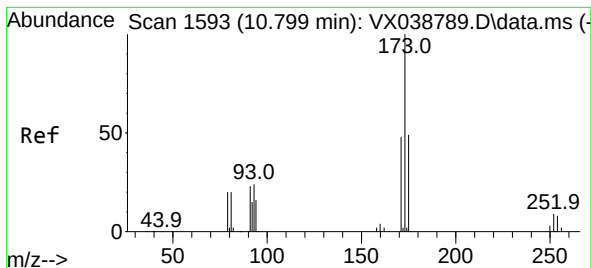
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 48.316 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

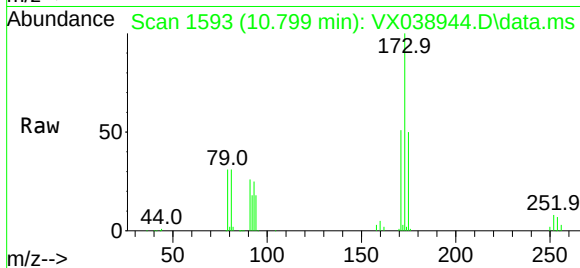
Tgt Ion:104 Resp: 255630
Ion Ratio Lower Upper
104 100
78 52.4 43.6 65.4
103 55.1 43.6 65.4





#71
Bromoform
Concen: 50.878 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

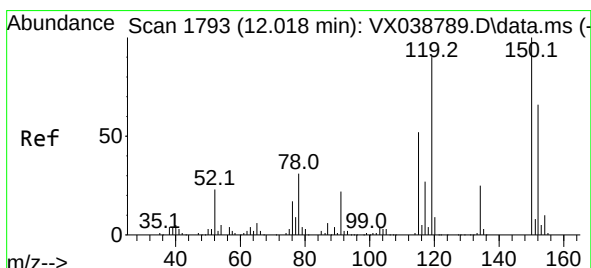
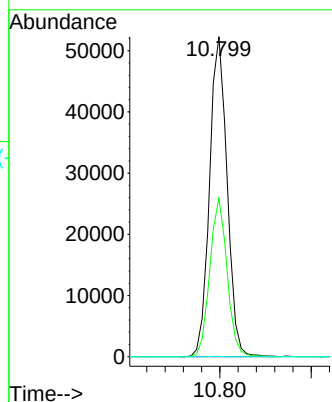
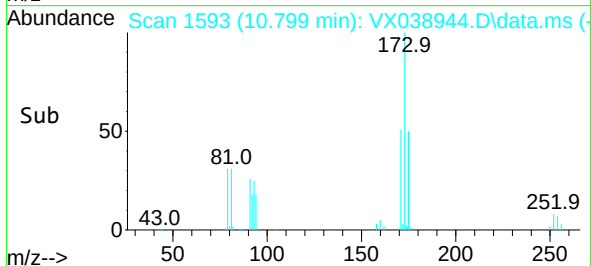
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 69504
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.1 0.0 0.0

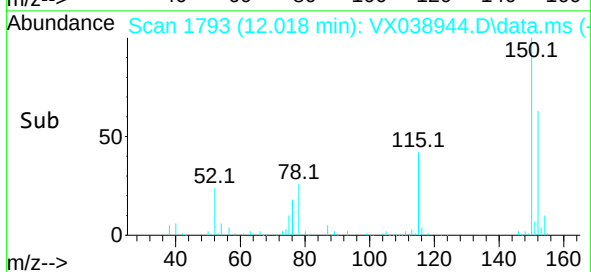
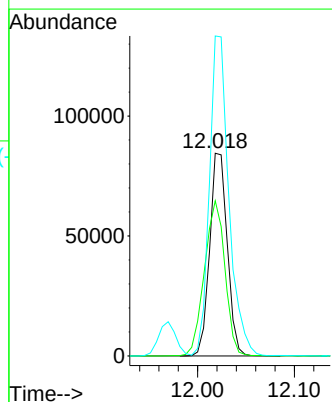
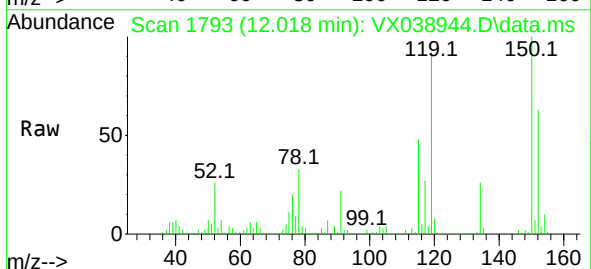
Manual Integrations
APPROVED

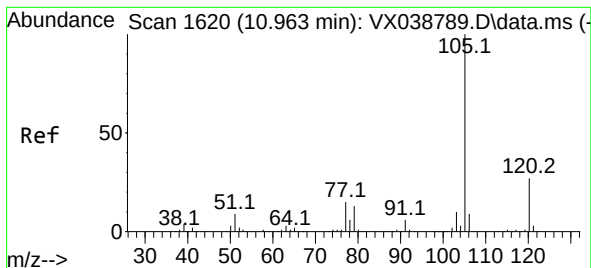
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Tgt Ion:152 Resp: 106978
Ion Ratio Lower Upper
152 100
115 89.4 43.3 129.9
150 174.2 0.0 345.0





#73

Isopropylbenzene

Concen: 47.351 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 394670

Ion Ratio Lower Upper

105 100

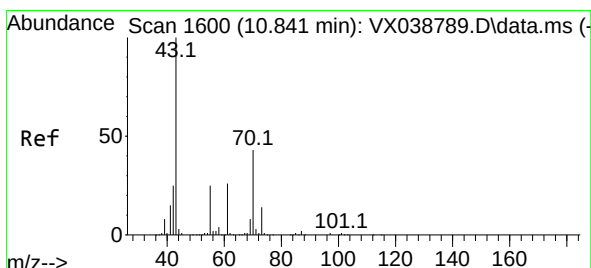
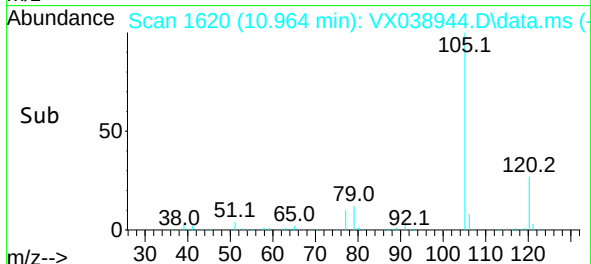
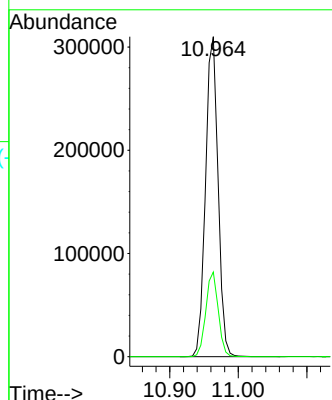
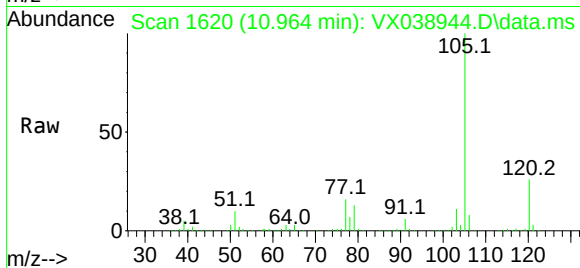
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#74

N-ethyl acetate

Concen: 47.695 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Tgt Ion: 43 Resp: 210147

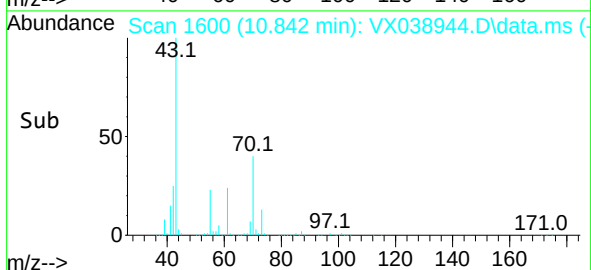
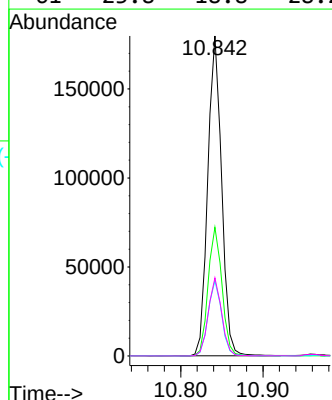
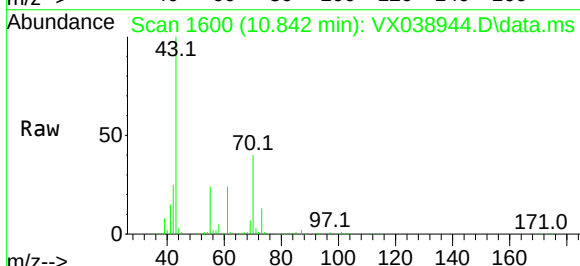
Ion Ratio Lower Upper

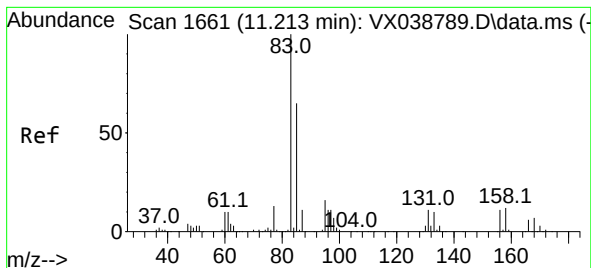
43 100

70 40.3 32.9 49.3

55 23.2 19.3 28.9

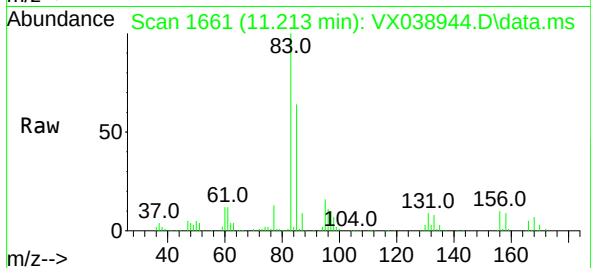
61 23.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.045 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

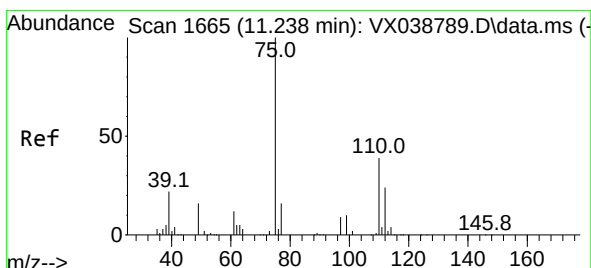
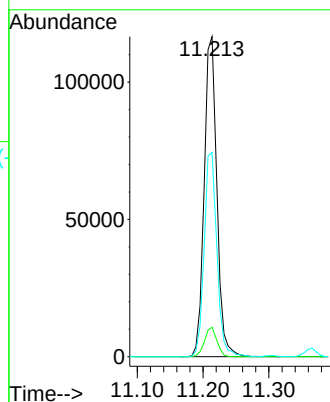
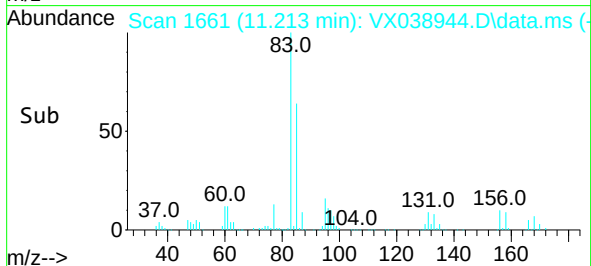
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



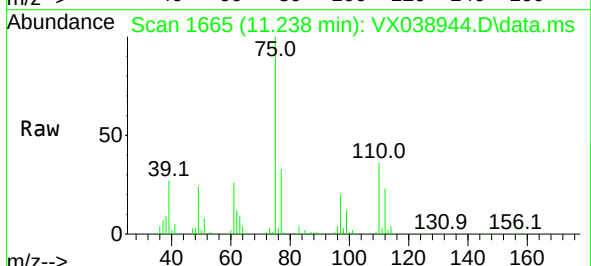
Tgt Ion: 83 Resp: 156324
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

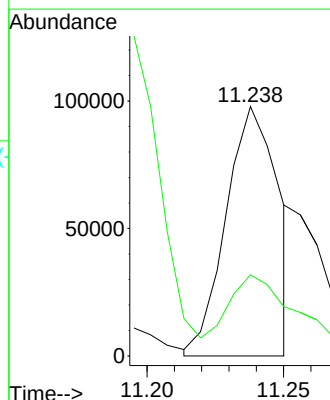
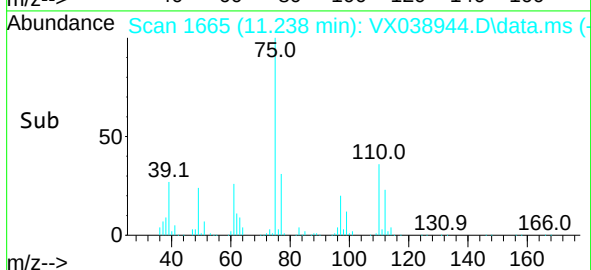
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

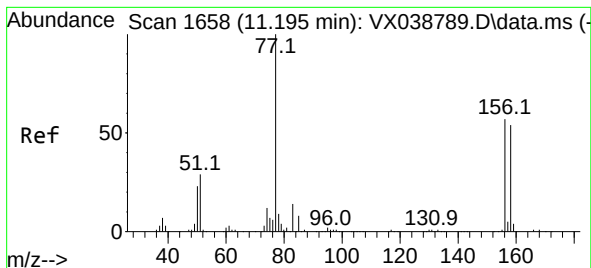


#76
1,2,3-Trichloropropane
Concen: 48.991 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18



Tgt Ion: 75 Resp: 130761
Ion Ratio Lower Upper
75 100
77 43.8 19.1 57.5





#77

Bromobenzene

Concen: 47.457 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 8888

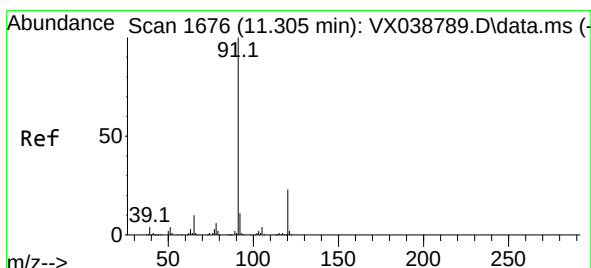
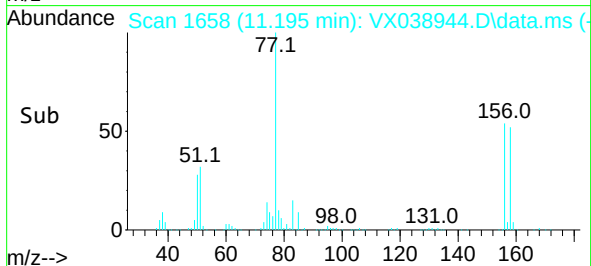
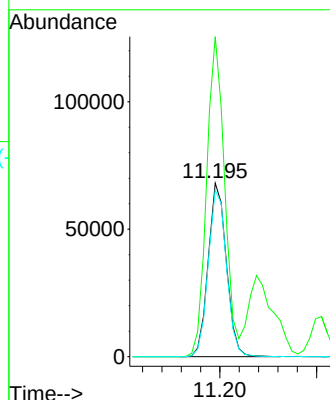
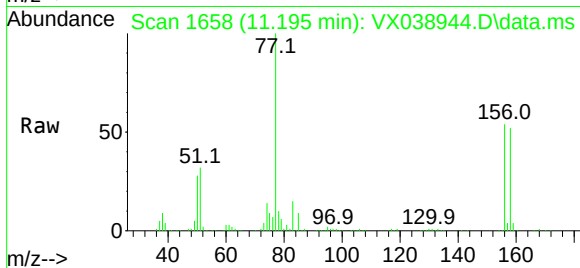
Ion	Ratio	Lower	Upper
156	100		
77	182.3	88.4	265.3
158	96.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 47.126 ug/l

RT: 11.305 min Scan# 1676

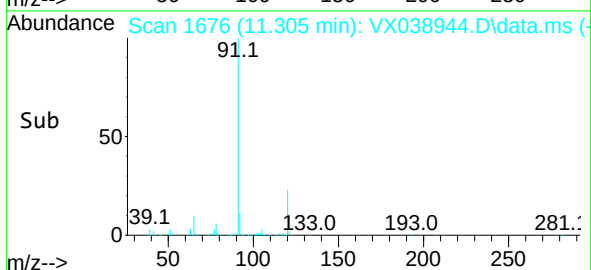
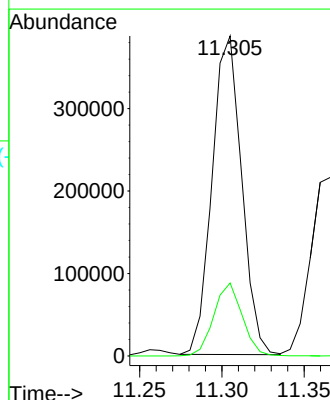
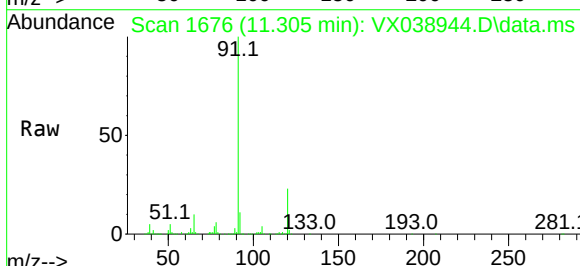
Delta R.T. 0.000 min

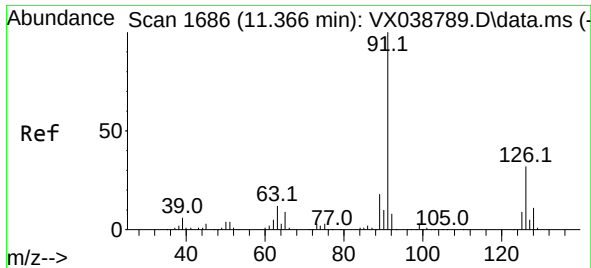
Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Tgt Ion: 91 Resp: 483499

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.5	34.4





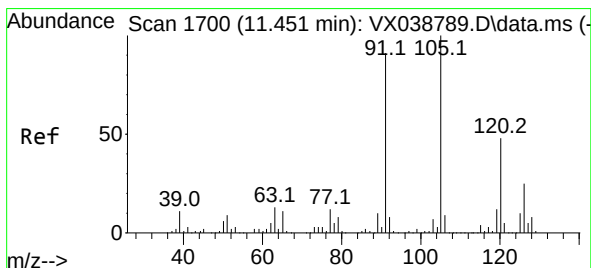
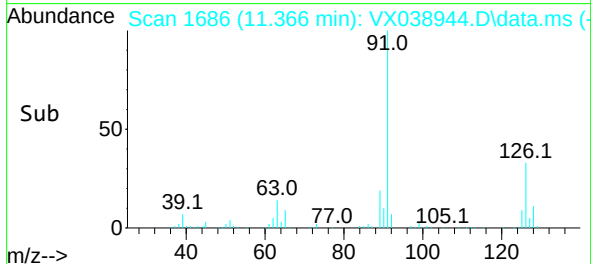
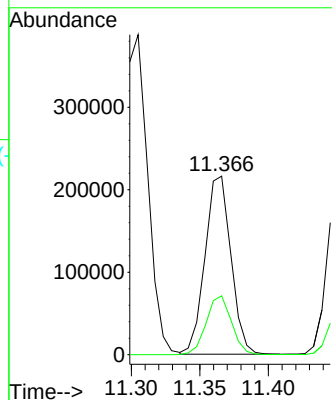
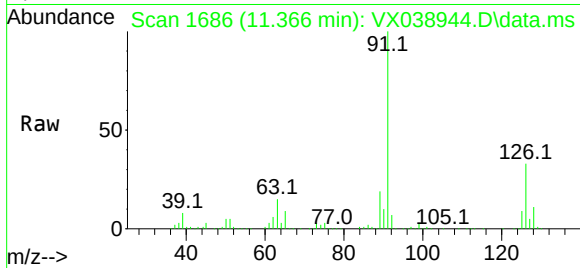
#79
2-Chlorotoluene
Concen: 46.618 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 28384
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

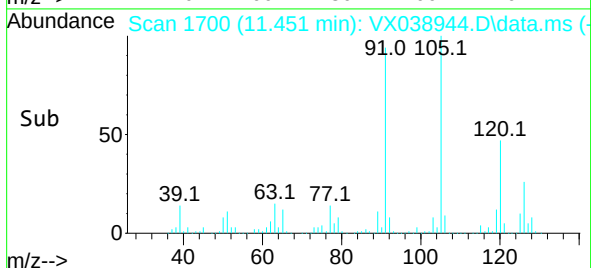
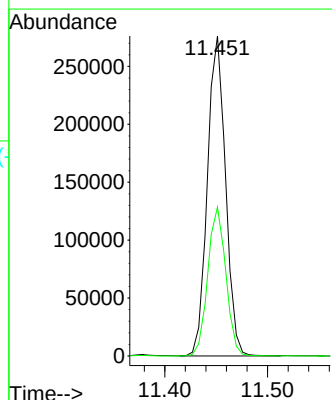
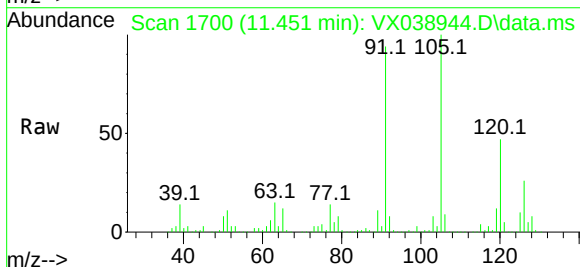
Manual Integrations
APPROVED

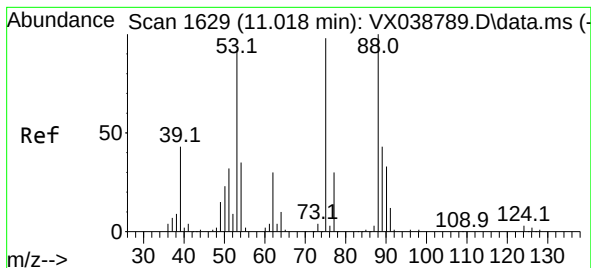
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.414 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Tgt Ion:105 Resp: 339303
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





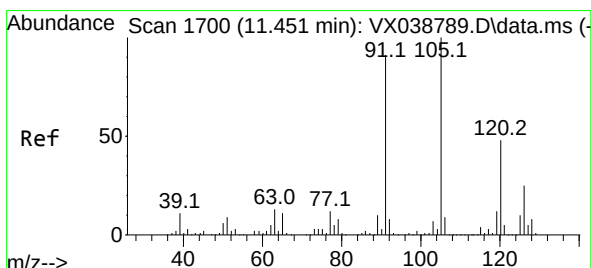
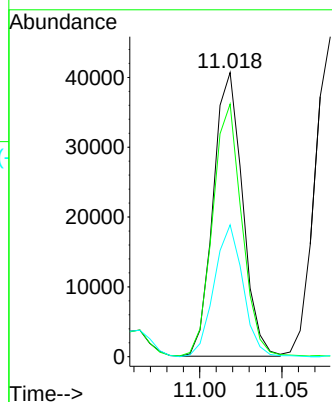
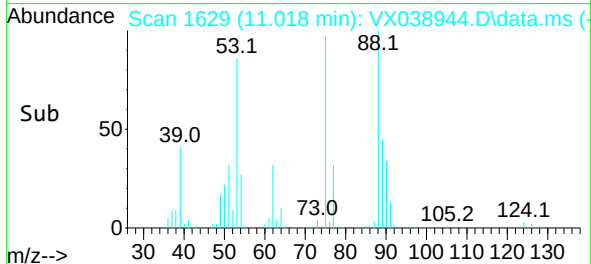
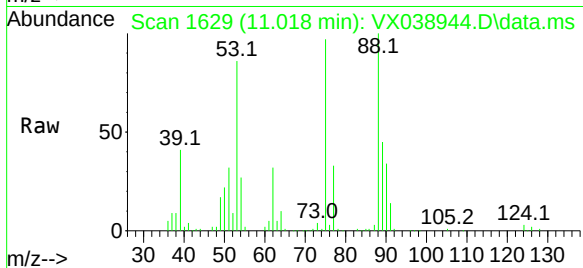
#81
trans-1,4-Dichloro-2-butene
Concen: 41.918 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5044
Ion Ratio Lower Upper
75 100
53 88.6 90.5 135.7
89 45.8 36.9 55.3

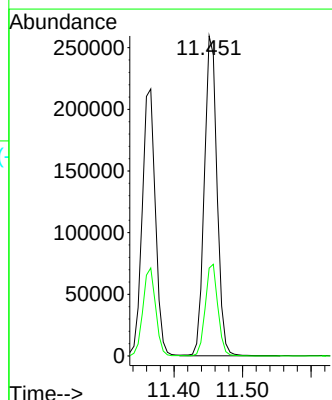
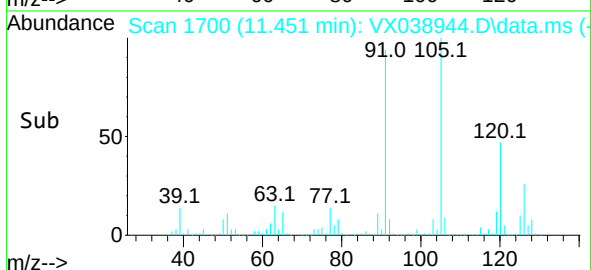
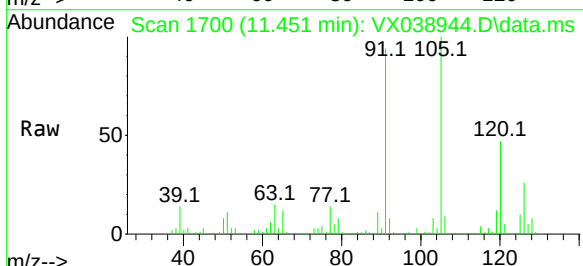
Manual Integrations
APPROVED

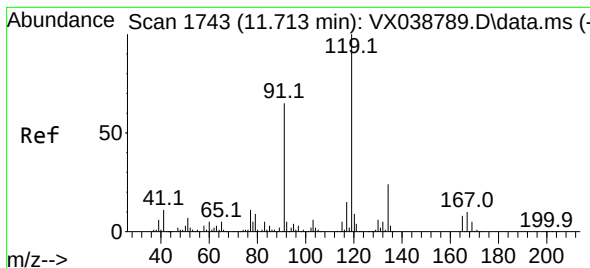
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 47.611 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

Tgt Ion: 91 Resp: 334253
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 47.203 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 325809

Ion Ratio Lower Upper

119 100

91 63.0 31.2 93.6

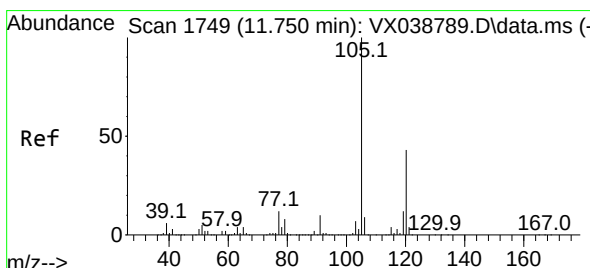
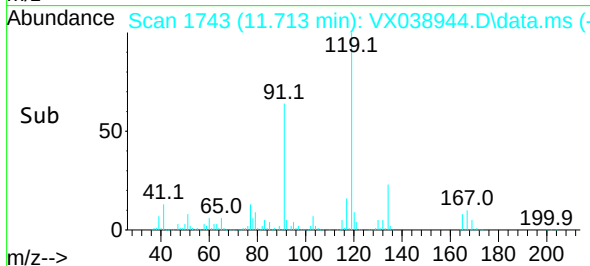
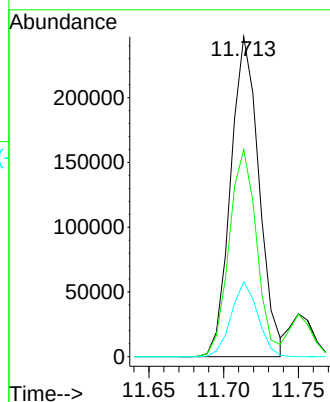
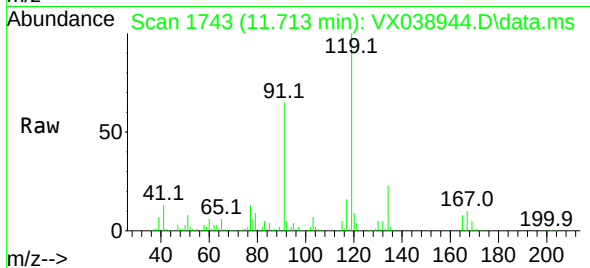
134 22.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 47.917 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038944.D

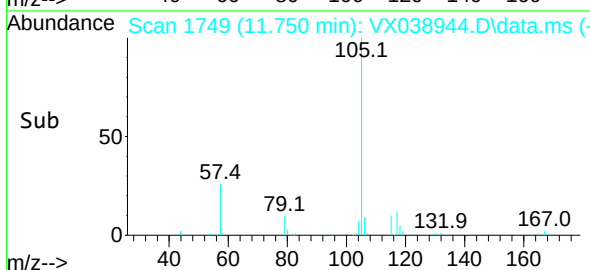
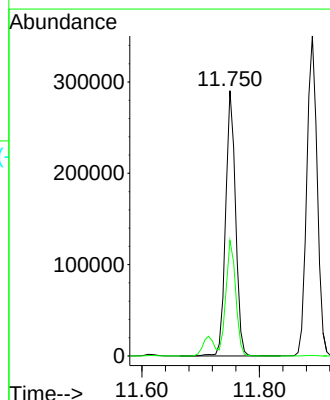
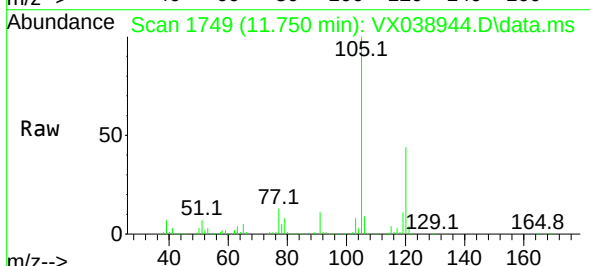
Acq: 18 Nov 2023 21:18

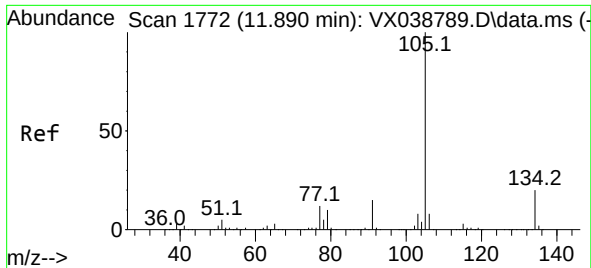
Tgt Ion:105 Resp: 339899

Ion Ratio Lower Upper

105 100

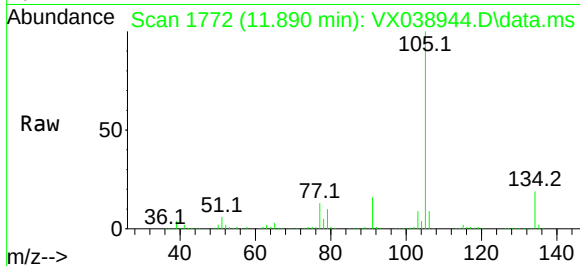
120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.852 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038944.D
 Acq: 18 Nov 2023 21:18

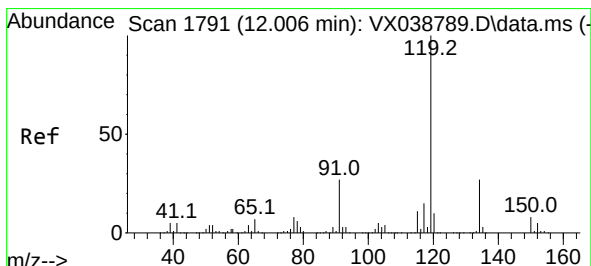
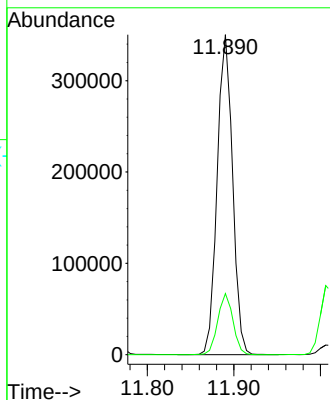
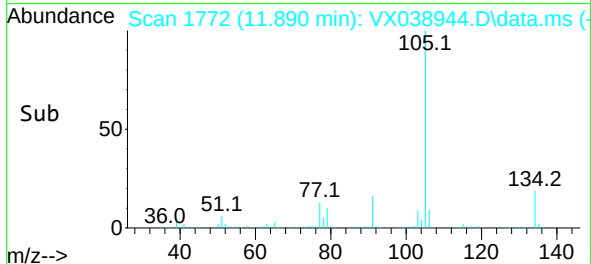
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



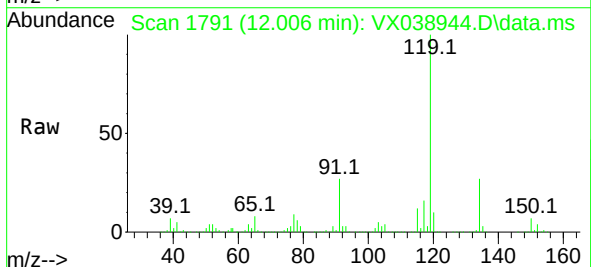
Tgt Ion:105 Resp: 43202
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations
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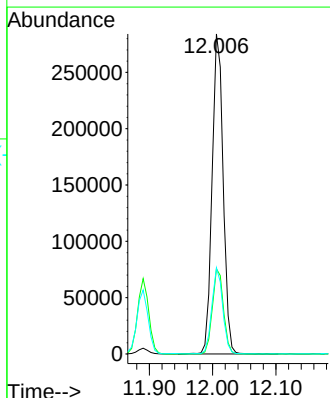
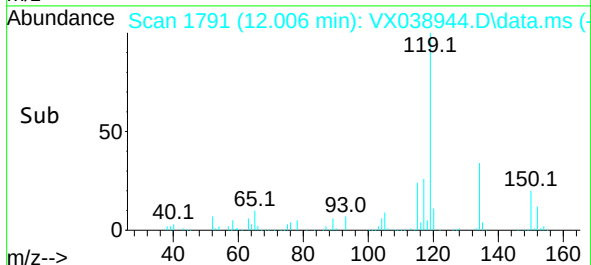
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023

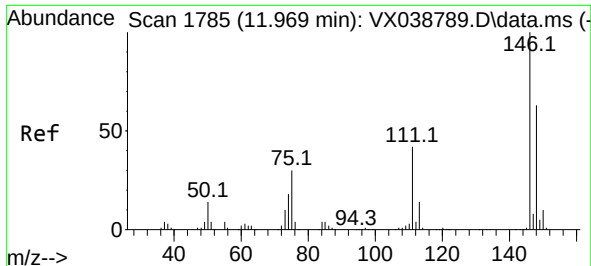


#86
 p-Isopropyltoluene
 Concen: 47.621 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038944.D
 Acq: 18 Nov 2023 21:18



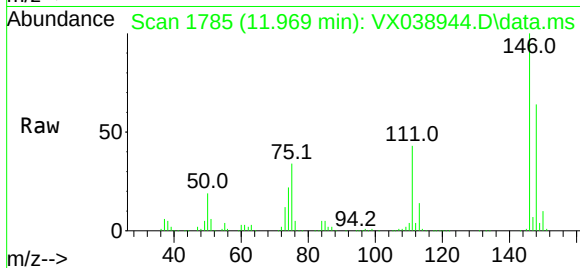
Tgt Ion:119 Resp: 345134
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 26.4 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 47.420 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

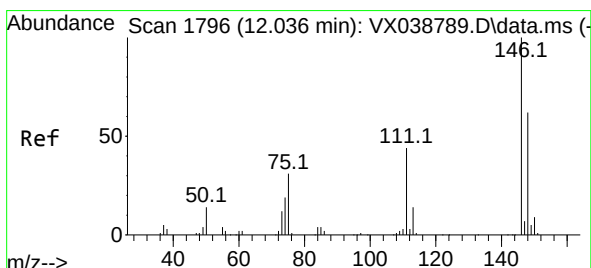
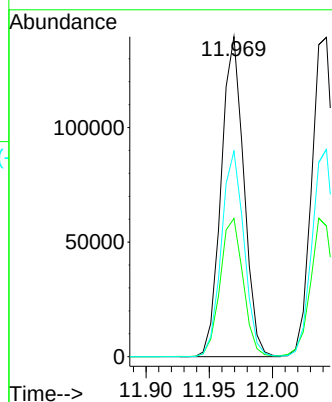
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



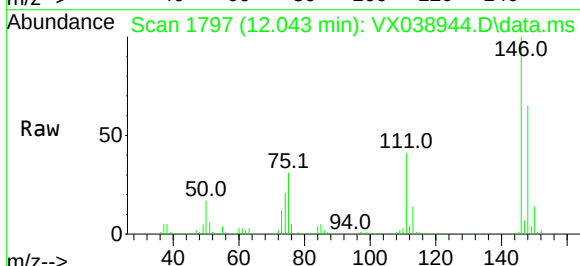
Tgt Ion:146 Resp: 173914
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.1
148 64.1 31.8 95.3

Manual Integrations
APPROVED

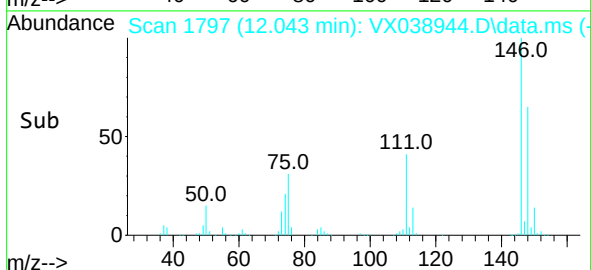
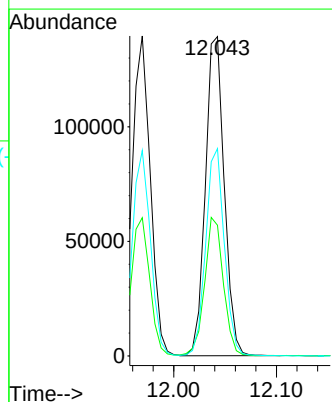
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

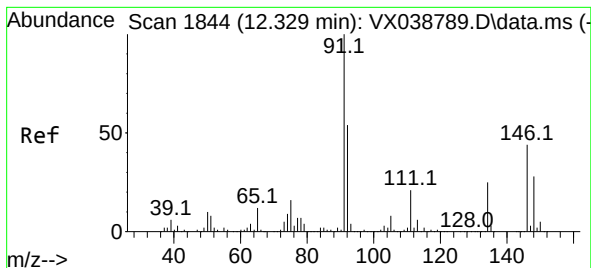


#88
1,4-Dichlorobenzene
Concen: 47.401 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18



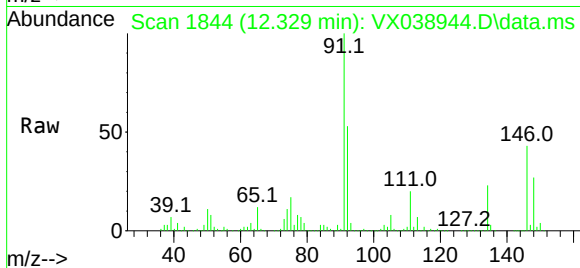
Tgt Ion:146 Resp: 177928
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.7
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 46.467 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

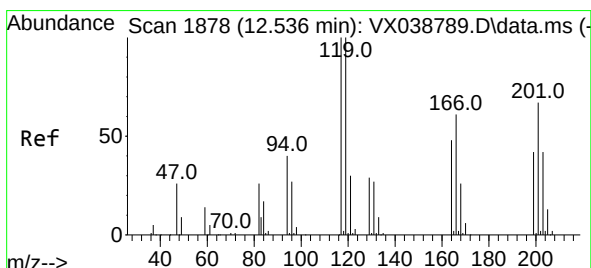
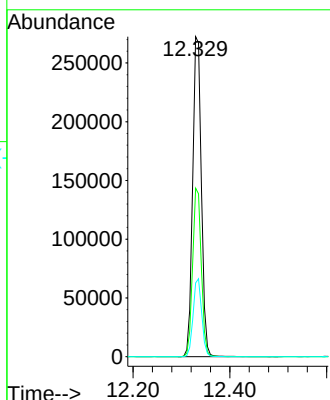
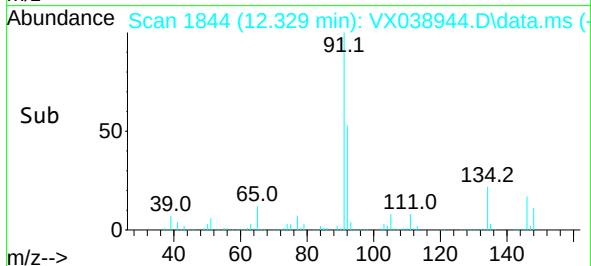
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 33977
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 24.1 12.6 37.8

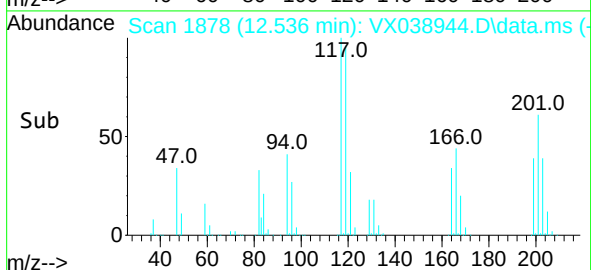
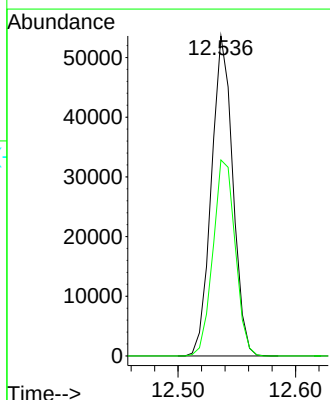
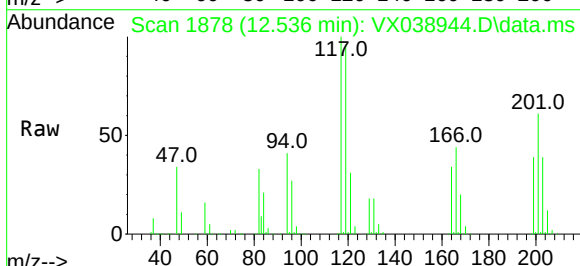
Manual Integrations
APPROVED

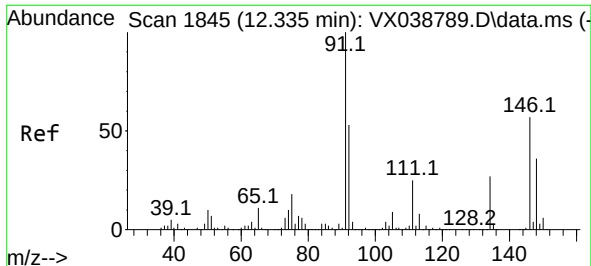
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 46.876 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

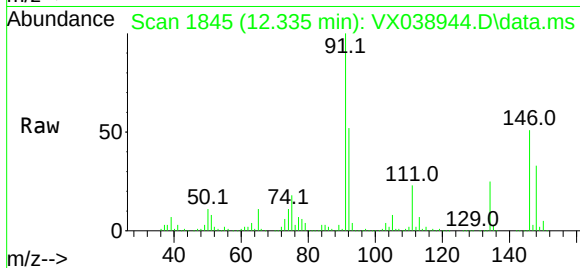
Tgt Ion:117 Resp: 67844
Ion Ratio Lower Upper
117 100
201 63.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.112 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18

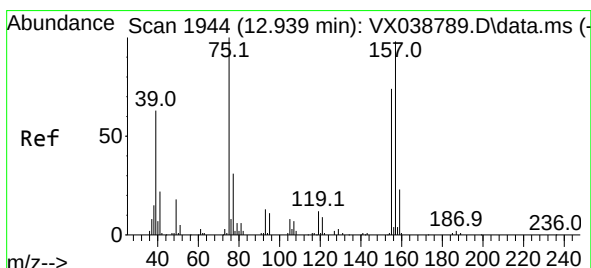
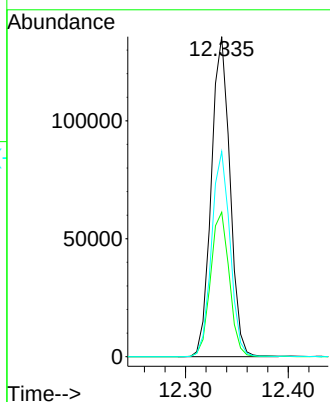
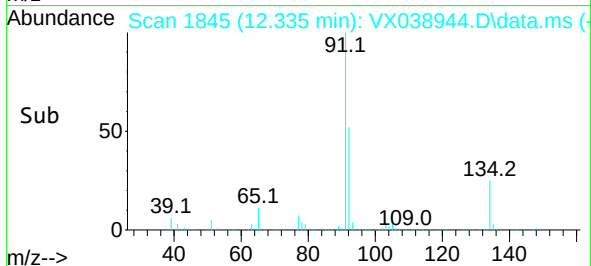
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



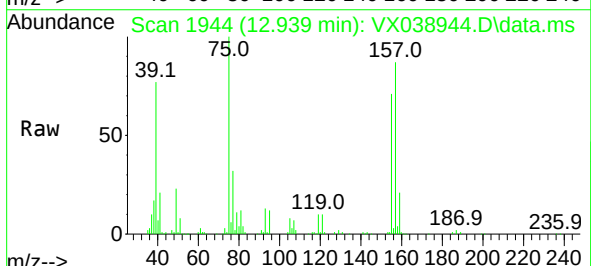
Tgt Ion:146 Resp: 17083
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.0
148 63.6 31.6 95.0

Manual Integrations
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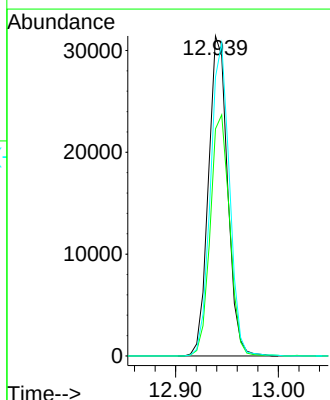
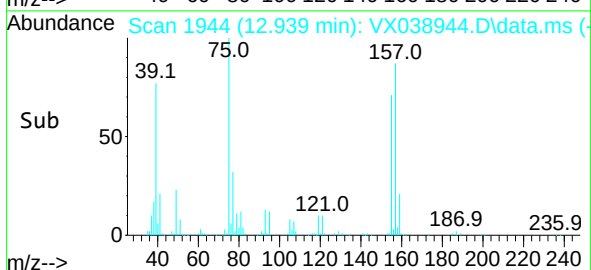
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

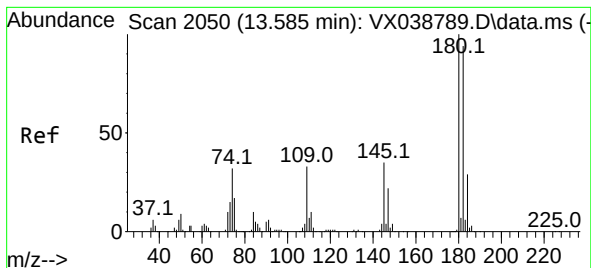


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.939 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038944.D
Acq: 18 Nov 2023 21:18



Tgt Ion: 75 Resp: 40607
Ion Ratio Lower Upper
75 100
155 76.0 36.1 108.5
157 96.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 47.018 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

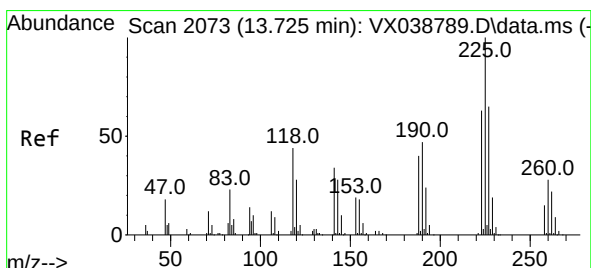
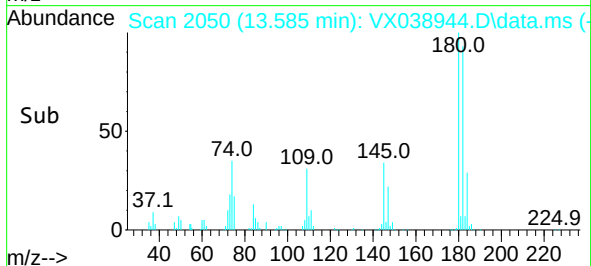
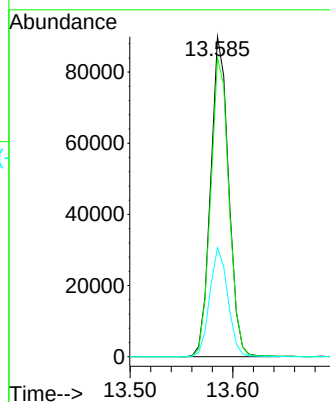
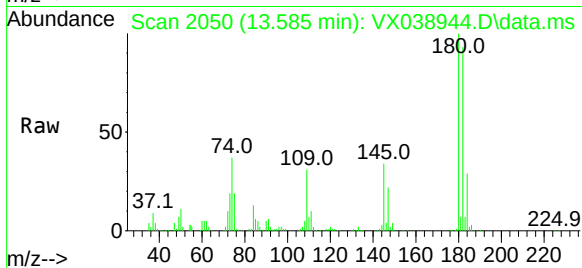
Tgt Ion:180	Resp: 10959
Ion Ratio	Lower Upper
180 100	
182 95.0	48.3 144.8
145 34.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 45.198 ug/l

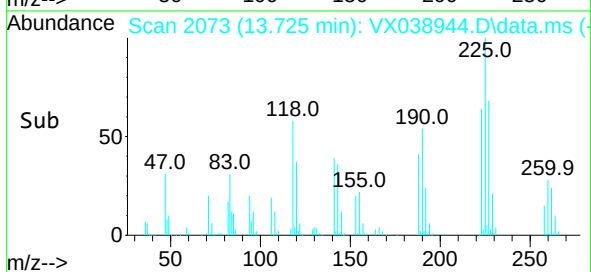
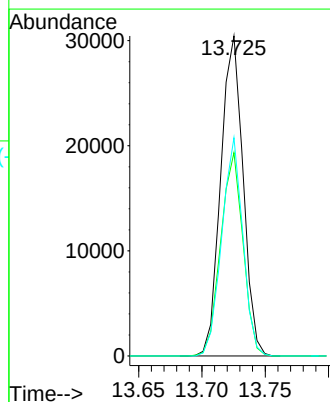
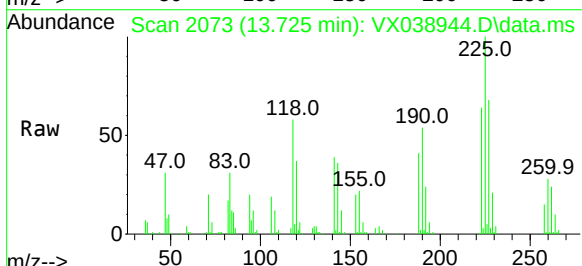
RT: 13.725 min Scan# 2073

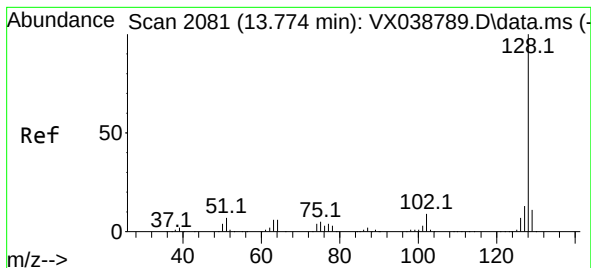
Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Tgt Ion:225	Resp: 37310
Ion Ratio	Lower Upper
225 100	
223 63.2	31.1 93.2
227 64.2	32.5 97.5





#95

Naphthalene

Concen: 48.082 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 417430

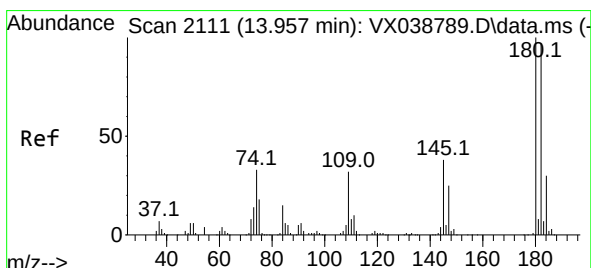
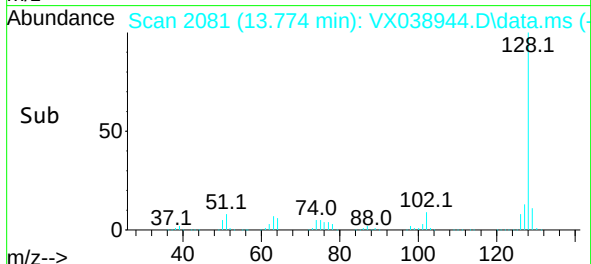
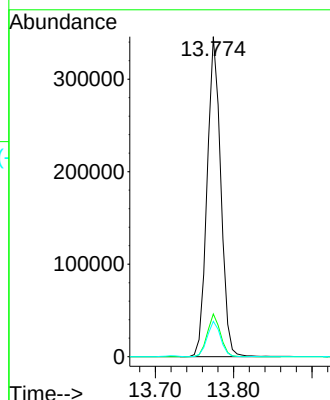
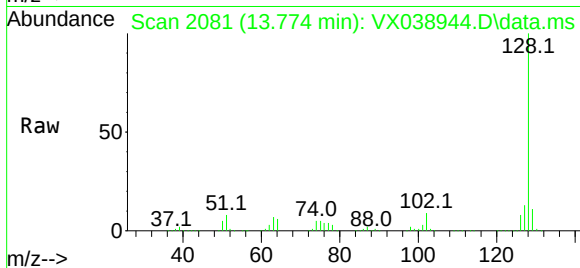
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.061 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038944.D

Acq: 18 Nov 2023 21:18

Tgt Ion:180 Resp: 106201

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.6
145	36.6	17.8	53.5

