

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038767.D
 Acq On : 11 Nov 2023 08:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 13 01:09:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	302919	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	469731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265480	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173809	46.088	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.180%
35) Dibromofluoromethane	5.385	113	158262	46.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	8.647	98	557323	46.036	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.080%
62) 4-Bromofluorobenzene	11.079	95	221876	47.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	149740	47.600	ug/l	99
3) Chloromethane	1.294	50	117024	43.039	ug/l	98
4) Vinyl Chloride	1.374	62	132273	45.697	ug/l	100
5) Bromomethane	1.599	94	106426	47.636	ug/l	98
6) Chloroethane	1.685	64	83844	45.747	ug/l	97
7) Trichlorofluoromethane	1.886	101	250468	50.191	ug/l	99
8) Diethyl Ether	2.136	74	81322	47.471	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	141871	48.082	ug/l	90
10) Methyl Iodide	2.453	142	197289	54.140	ug/l	91
11) Tert butyl alcohol	2.959	59	191881	248.892	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	135166	47.813	ug/l	# 79
13) Acrolein	2.233	56	126910	217.195	ug/l	99
14) Allyl chloride	2.666	41	176540	43.599	ug/l	# 94
15) Acrylonitrile	3.062	53	394793	242.651	ug/l	99
16) Acetone	2.373	43	335709	211.370	ug/l	91
17) Carbon Disulfide	2.514	76	325991	43.398	ug/l	99
18) Methyl Acetate	2.703	43	344939	50.977	ug/l	# 86
19) Methyl tert-butyl Ether	3.111	73	441992	48.891	ug/l	96
20) Methylene Chloride	2.788	84	149474	46.686	ug/l	# 84
21) trans-1,2-Dichloroethene	3.093	96	147848	48.038	ug/l	# 81
22) Diisopropyl ether	3.757	45	362994	47.565	ug/l	# 86
23) Vinyl Acetate	3.721	43	1143309	211.071	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	238678	47.272	ug/l	98
25) 2-Butanone	4.550	43	528280	229.608	ug/l	# 84
26) 2,2-Dichloropropane	4.477	77	147921	33.554	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	173326	48.769	ug/l	80
28) Bromochloromethane	4.897	49	104083	45.871	ug/l	# 51
29) Tetrahydrofuran	5.001	42	339181	236.943	ug/l	# 78
30) Chloroform	5.092	83	276106	46.608	ug/l	95
31) Cyclohexane	5.476	56	189487	45.399	ug/l	# 84
32) 1,1,1-Trichloroethane	5.385	97	254051	48.730	ug/l	95
36) 1,1-Dichloropropene	5.696	75	192444	45.793	ug/l	94
37) Ethyl Acetate	4.708	43	198144	46.180	ug/l	# 93
38) Carbon Tetrachloride	5.678	117	226451	48.201	ug/l	99
39) Methylcyclohexane	7.379	83	234357	44.603	ug/l	90
40) Benzene	6.037	78	561085	46.354	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	102865	47.057	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	209025	47.859	ug/l	96
43) Isopropyl Acetate	6.336	43	304893	46.221	ug/l #	90
44) Trichloroethene	7.129	130	179388	47.631	ug/l	87
45) 1,2-Dichloropropane	7.427	63	136981	46.813	ug/l	99
46) Dibromomethane	7.580	93	117089	47.848	ug/l #	85
47) Bromodichloromethane	7.818	83	216973	47.146	ug/l	98
48) Methyl methacrylate	7.690	41	150516	47.347	ug/l #	84
49) 1,4-Dioxane	7.659	88	68466	946.053	ug/l #	83
51) 4-Methyl-2-Pentanone	8.573	43	1036828	241.245	ug/l	91
52) Toluene	8.720	92	380175	47.945	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	216423	46.191	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	228566	46.210	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	165574	49.213	ug/l	97
56) Ethyl methacrylate	9.116	69	235852	50.104	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	253353	48.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	541767	234.085	ug/l #	89
59) 2-Hexanone	9.427	43	828202	238.158	ug/l	89
60) Dibromochloromethane	9.518	129	188182	49.826	ug/l	99
61) 1,2-Dibromoethane	9.610	107	184617	48.825	ug/l	100
64) Tetrachloroethene	9.275	164	169858	49.823	ug/l	92
65) Chlorobenzene	10.079	112	447269	48.241	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	172306	49.436	ug/l	99
67) Ethyl Benzene	10.195	91	749058	47.762	ug/l	97
68) m/p-Xylenes	10.299	106	596952	95.905	ug/l	94
69) o-Xylene	10.640	106	293240	48.445	ug/l	96
70) Styrene	10.652	104	495289	49.579	ug/l	95
71) Bromoform	10.799	173	152972	49.725	ug/l #	100
73) Isopropylbenzene	10.963	105	773169	47.471	ug/l	97
74) N-amyl acetate	10.841	43	255539	45.156	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	265714	47.191	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	285484	54.297	ug/l	90
77) Bromobenzene	11.195	156	210194	47.023	ug/l	81
78) n-propylbenzene	11.305	91	882129	46.543	ug/l	96
79) 2-Chlorotoluene	11.366	91	529075	46.626	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	671131	47.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	67481	40.981	ug/l	85
82) 4-Chlorotoluene	11.451	91	629953	47.521	ug/l	93
83) tert-Butylbenzene	11.713	119	667816	47.017	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	673276	48.427	ug/l	96
85) sec-Butylbenzene	11.890	105	831247	46.902	ug/l	96
86) p-Isopropyltoluene	12.006	119	720259	47.706	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	401533	46.984	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	407263	46.363	ug/l	97
89) n-Butylbenzene	12.329	91	611188	45.491	ug/l	96
90) Hexachloroethane	12.536	117	123674	48.360	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	395612	47.400	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	68055	48.090	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	281648	47.181	ug/l	96
94) Hexachlorobutadiene	13.725	225	117347	45.556	ug/l	99
95) Naphthalene	13.774	128	880862	48.918	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	274877	46.716	ug/l	97

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VSTDCCC050EC

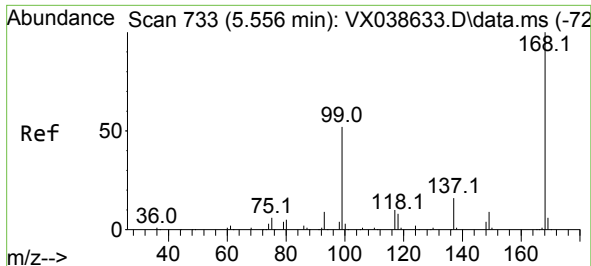
Quant Time: Nov 13 01:09:33 2023
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QLast Update : Wed Nov 08 03:19:07 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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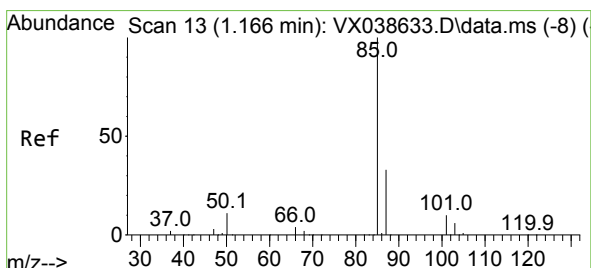
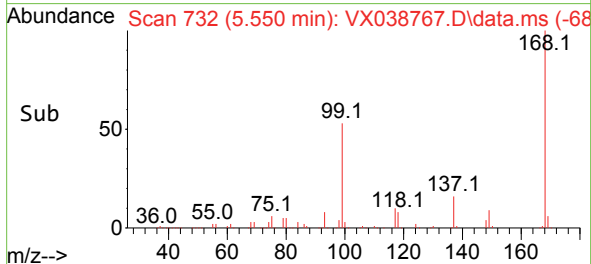
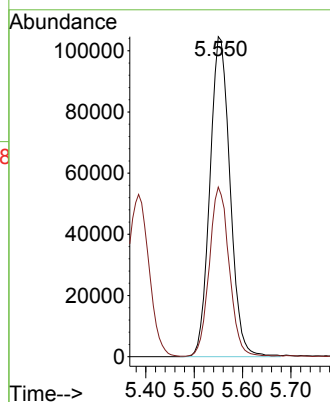
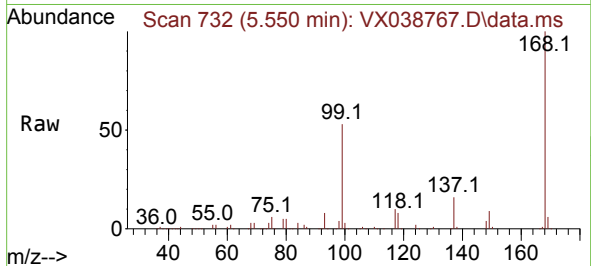




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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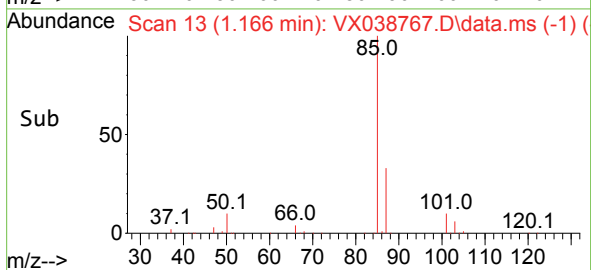
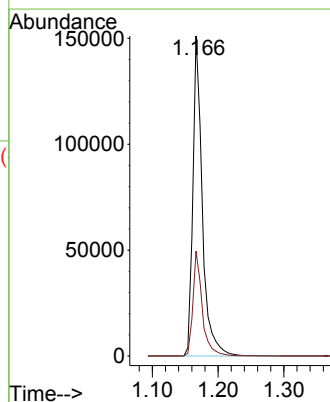
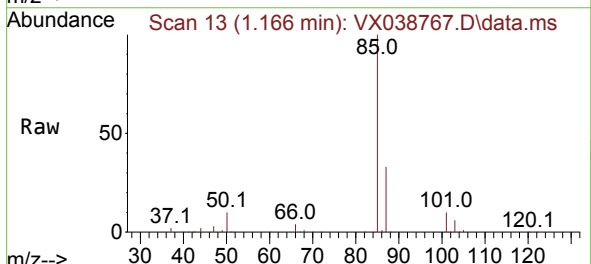
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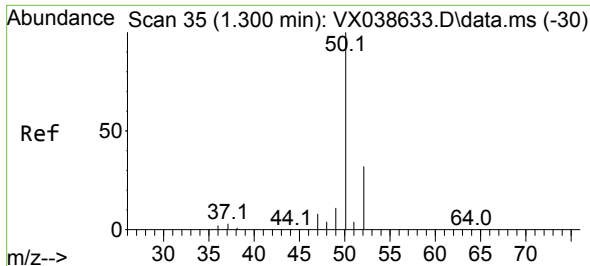
Tgt Ion:168 Resp: 302919
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 47.600 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 85 Resp: 149740
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1

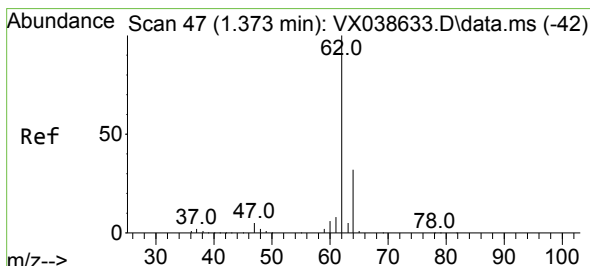
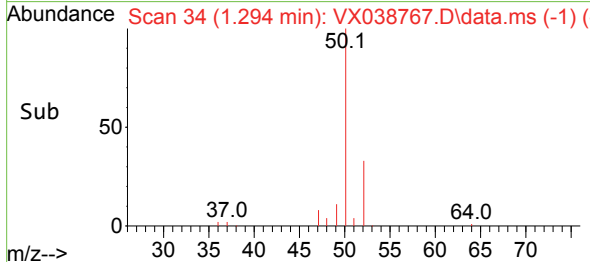
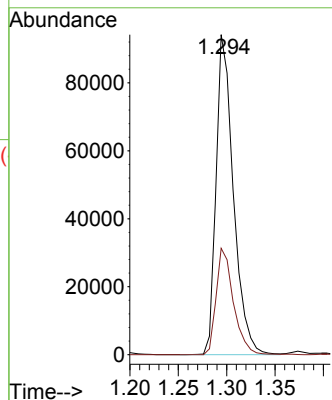
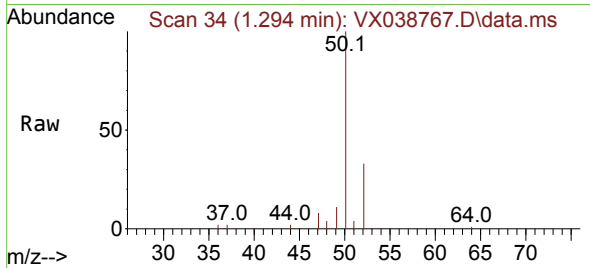




#3
Chloromethane
Concen: 43.039 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

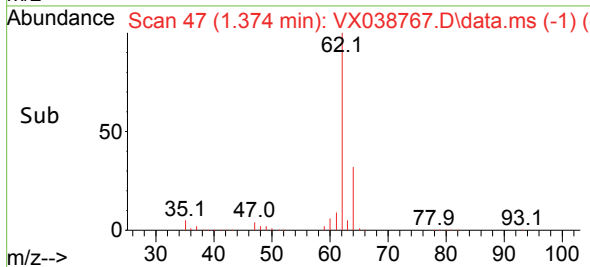
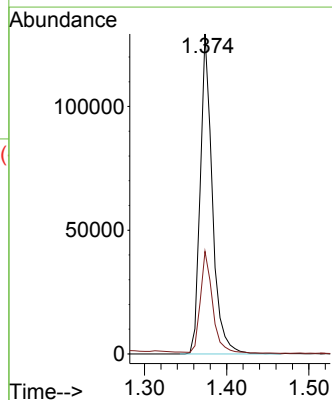
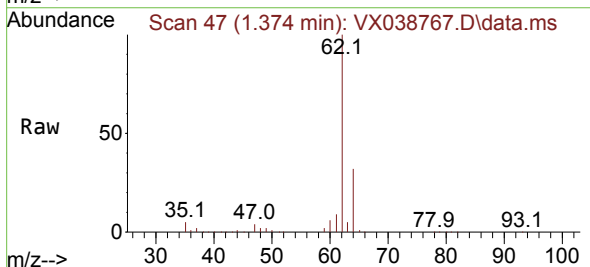
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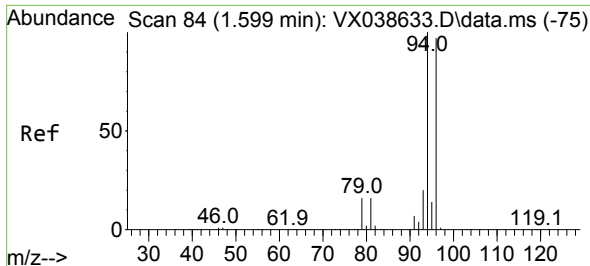
Tgt Ion: 50 Resp: 117024
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3



#4
Vinyl Chloride
Concen: 45.697 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 62 Resp: 132273
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

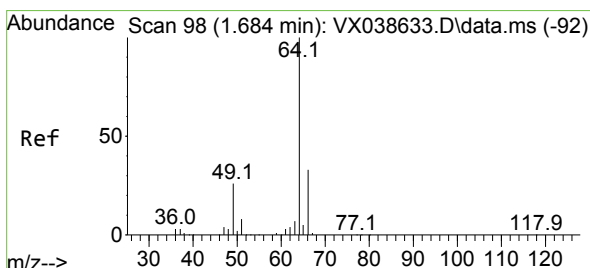
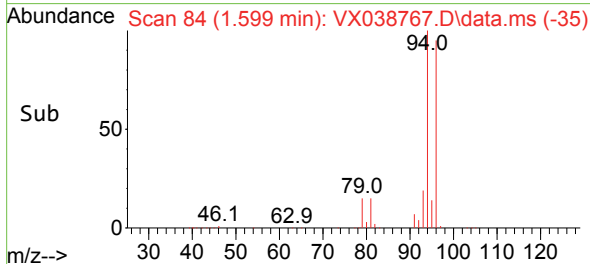
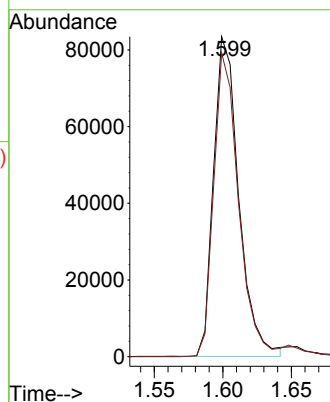
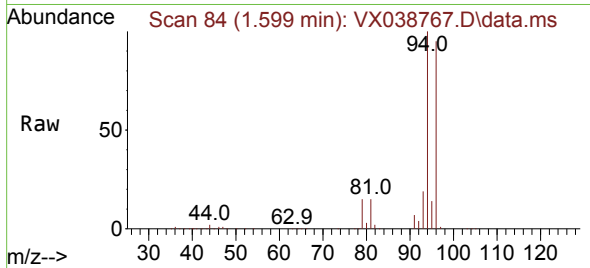




#5
Bromomethane
Concen: 47.636 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

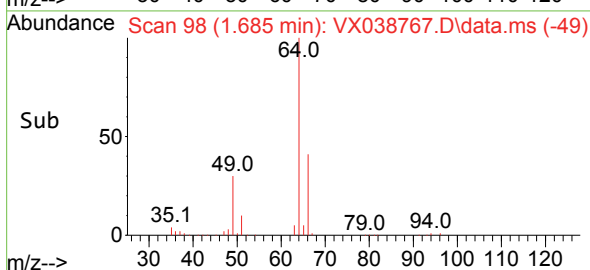
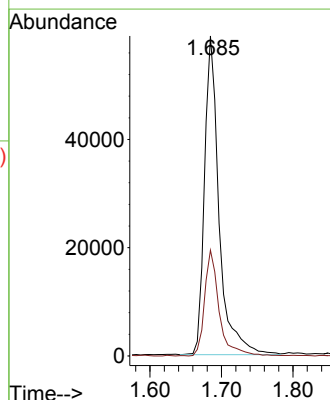
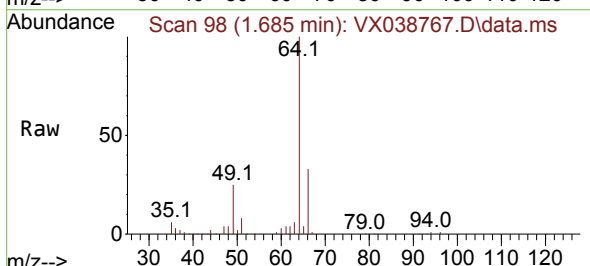
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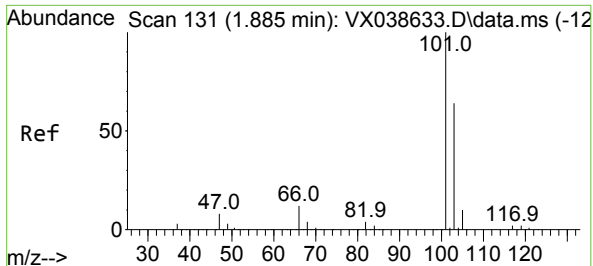
Tgt Ion: 94 Resp: 106426
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8



#6
Chloroethane
Concen: 45.747 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 64 Resp: 83844
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7

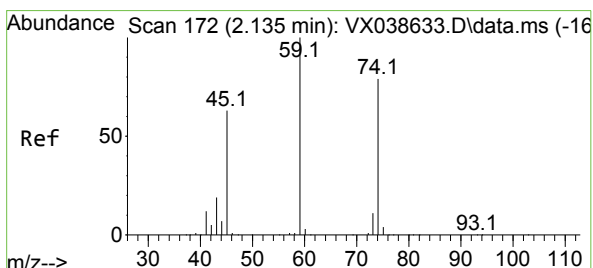
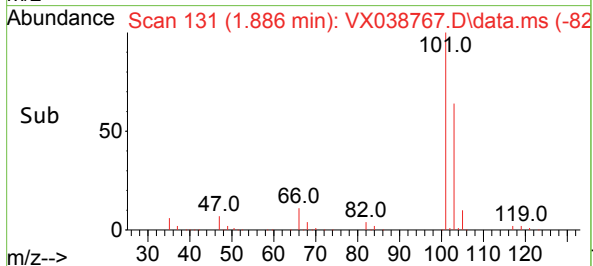
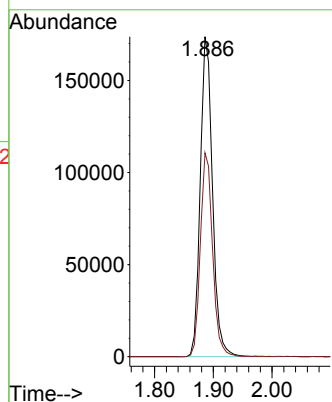
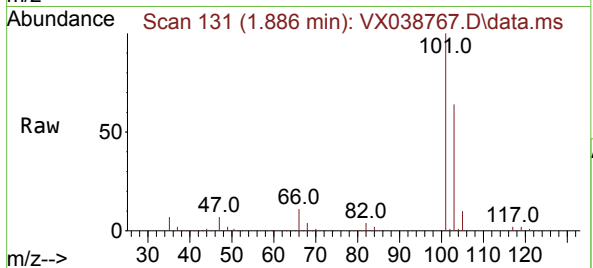




#7
Trichlorofluoromethane
Concen: 50.191 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038767.D
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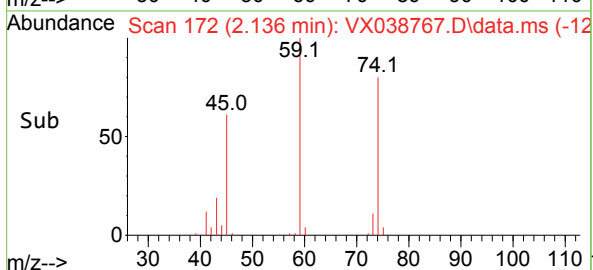
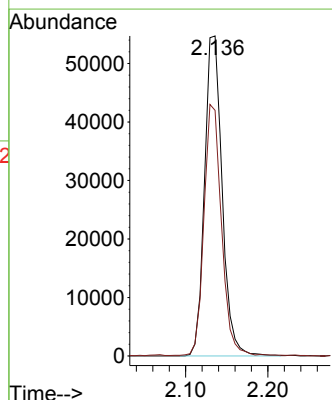
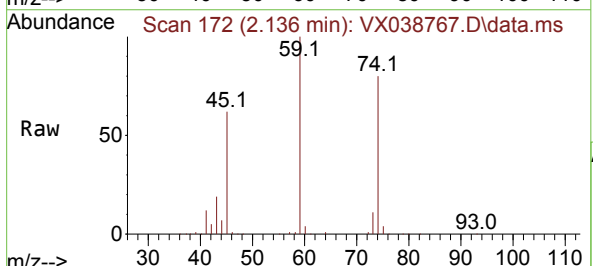
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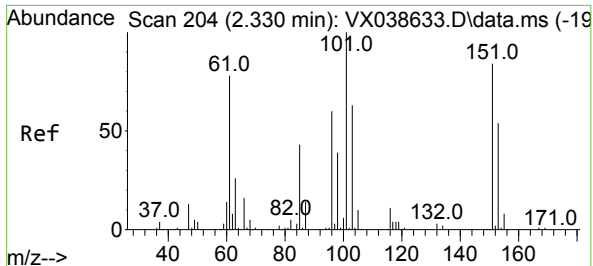
Tgt Ion:101 Resp: 250468
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2



#8
Diethyl Ether
Concen: 47.471 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 74 Resp: 81322
Ion Ratio Lower Upper
74 100
45 77.7 53.3 159.8

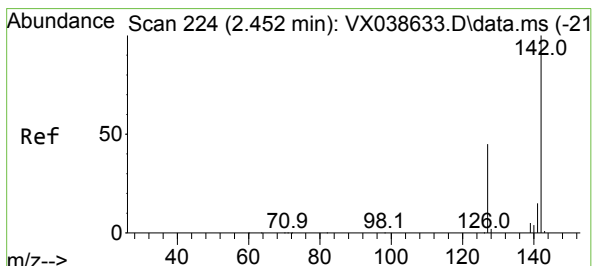
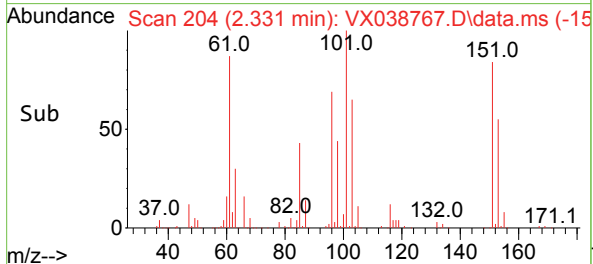
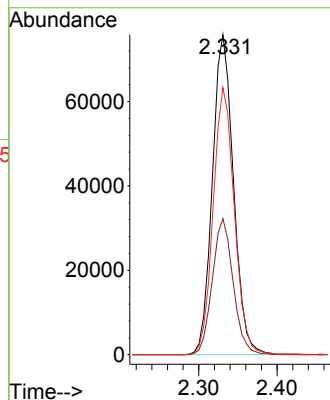
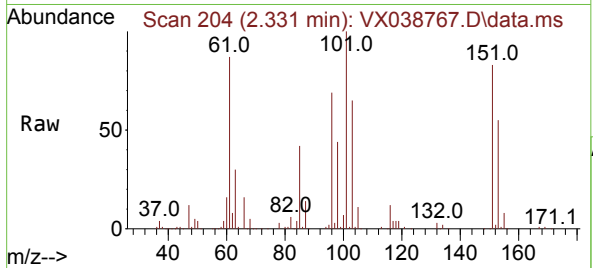




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.082 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038767.D
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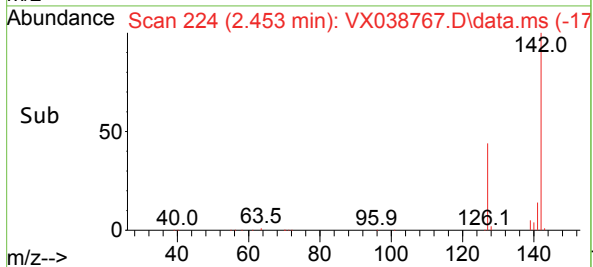
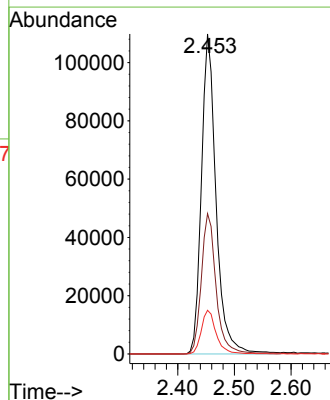
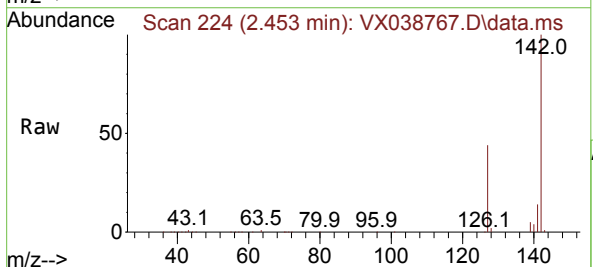
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

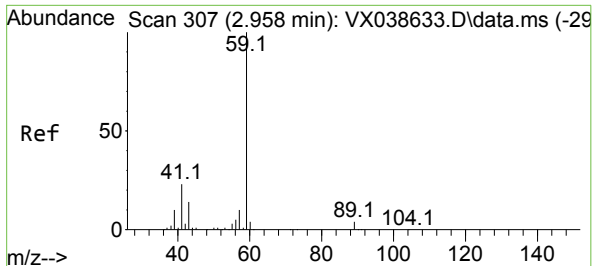
Tgt Ion:101 Resp: 141871
Ion Ratio Lower Upper
101 100
85 42.0 37.0 55.6
151 84.1 58.6 87.8



#10
Methyl Iodide
Concen: 54.140 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion:142 Resp: 197289
Ion Ratio Lower Upper
142 100
127 44.1 41.6 62.4
141 13.9 11.6 17.4

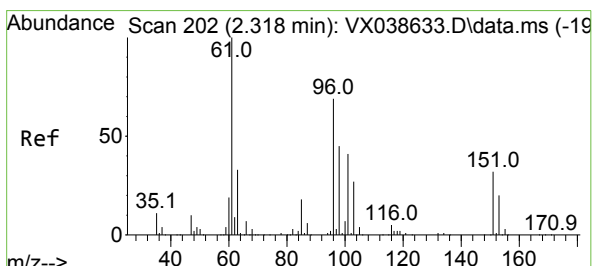
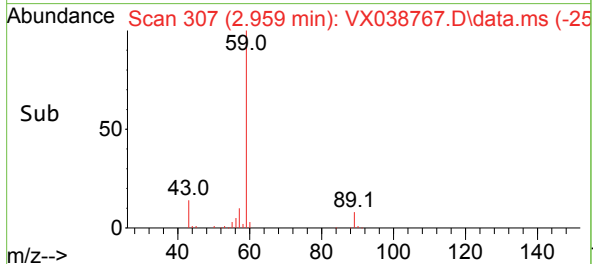
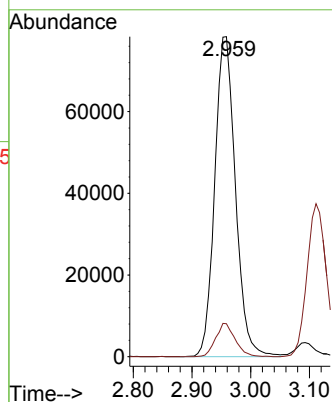
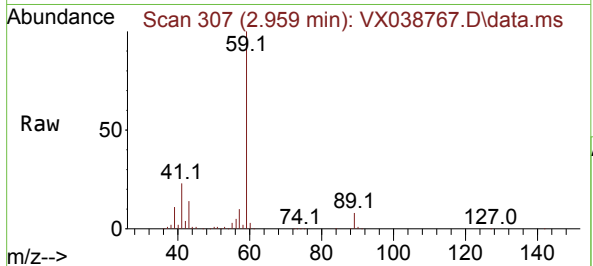




#11
Tert butyl alcohol
Concen: 248.892 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

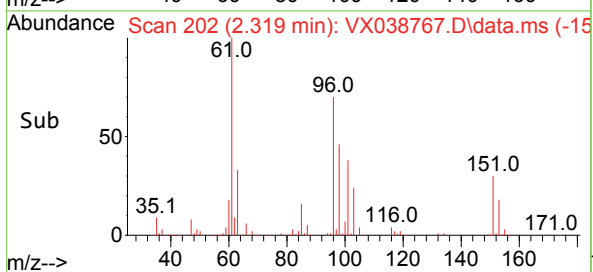
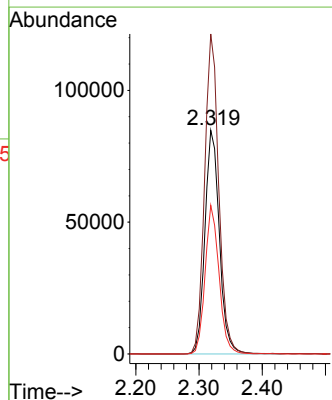
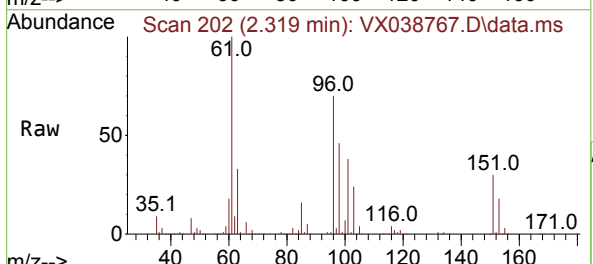
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

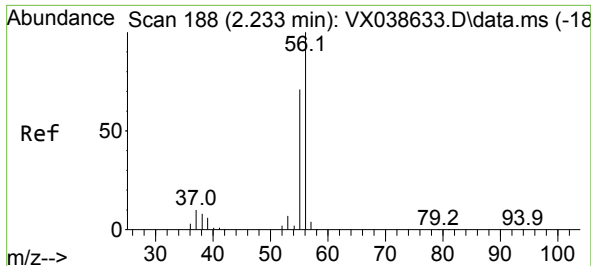
Tgt Ion: 59 Resp: 191881
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 47.813 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 96 Resp: 135166
Ion Ratio Lower Upper
96 100
61 143.1 144.6 216.8#
98 66.5 50.4 75.6

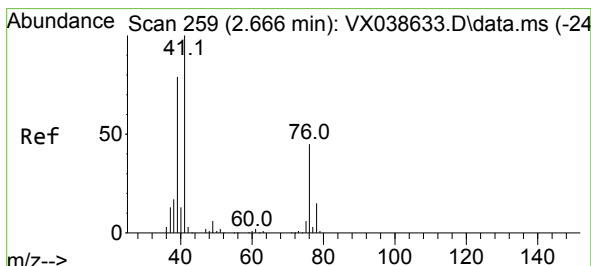
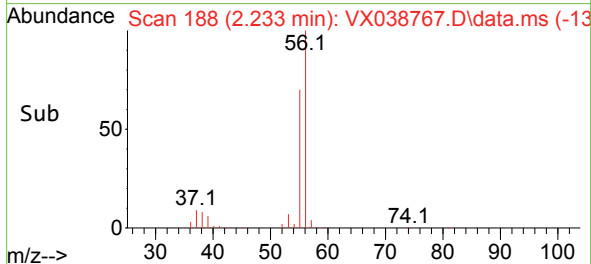
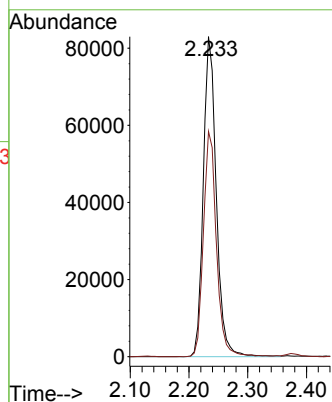
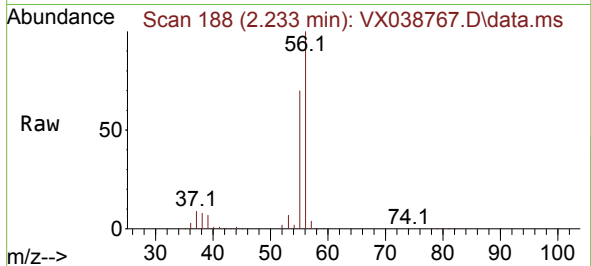




#13
Acrolein
Concen: 217.195 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

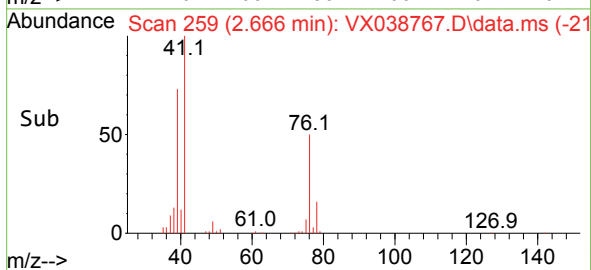
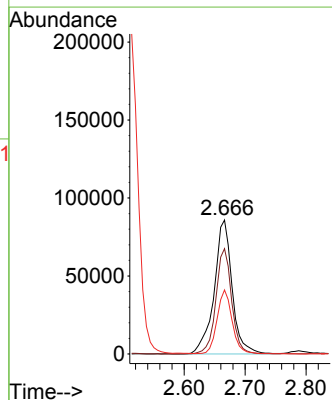
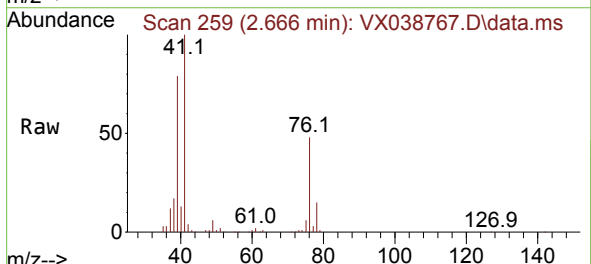
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

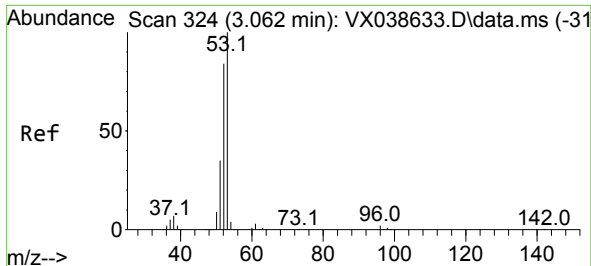
Tgt Ion: 56 Resp: 126910
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7



#14
Allyl chloride
Concen: 43.599 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 41 Resp: 176540
Ion Ratio Lower Upper
41 100
39 68.9 55.8 83.6
76 39.6 24.3 36.5#

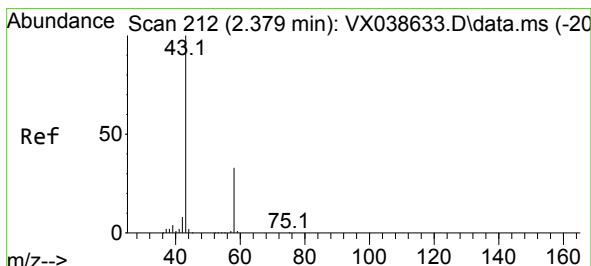
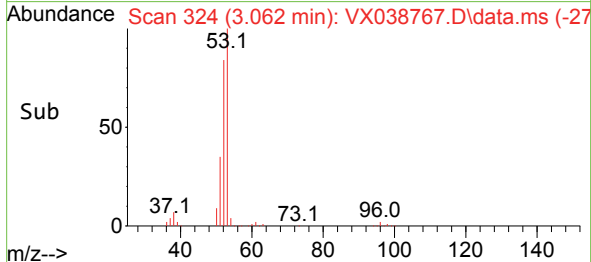
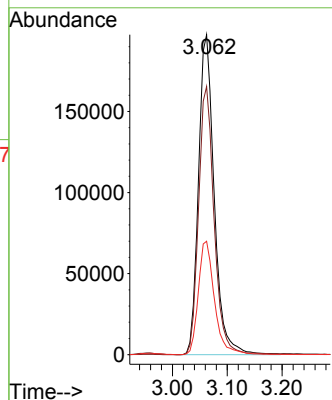
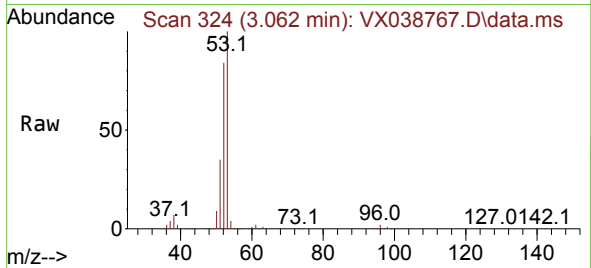




#15
Acrylonitrile
Concen: 242.651 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

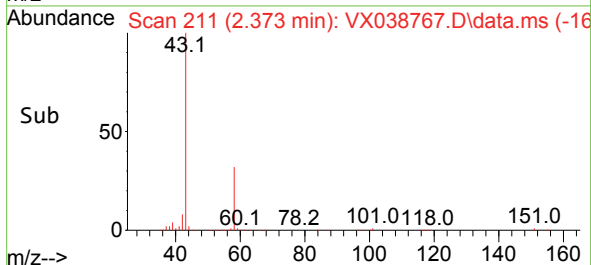
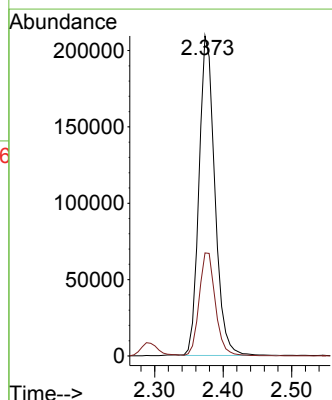
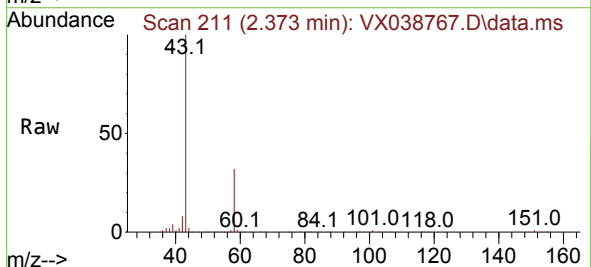
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

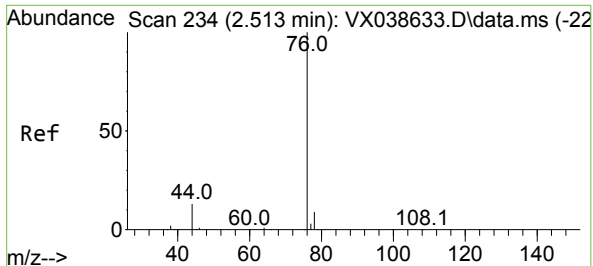
Tgt Ion: 53 Resp: 394793
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.5 29.8 44.6



#16
Acetone
Concen: 211.370 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 43 Resp: 335709
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9

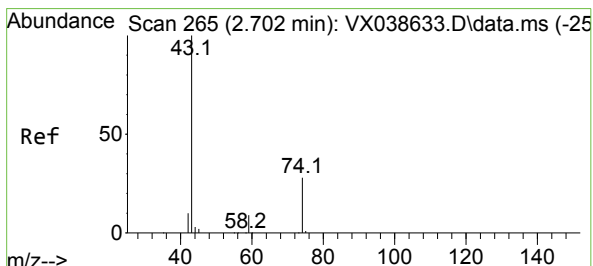
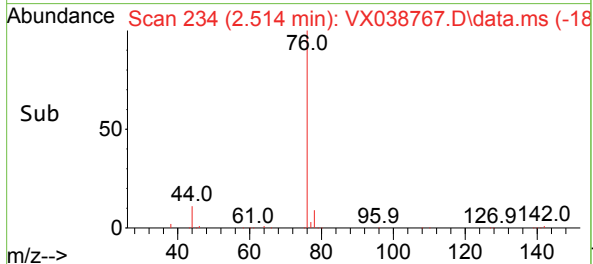
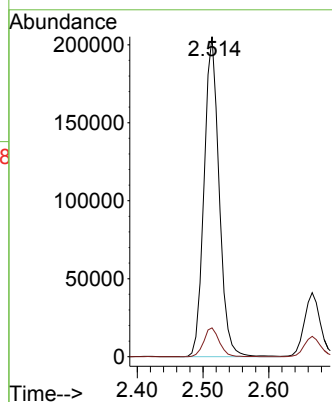
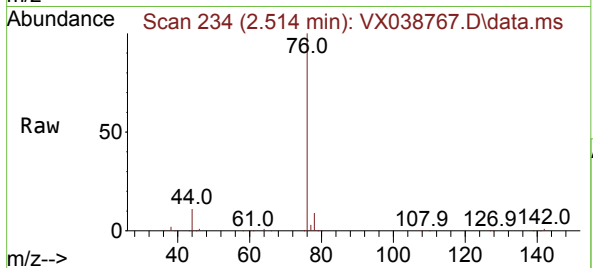




#17
Carbon Disulfide
Concen: 43.398 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

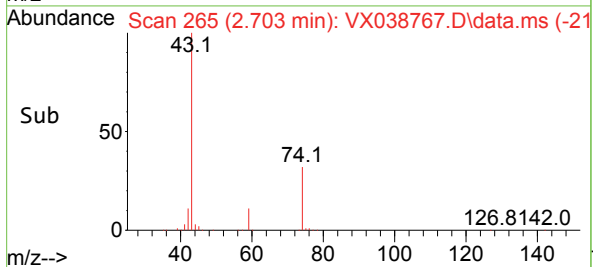
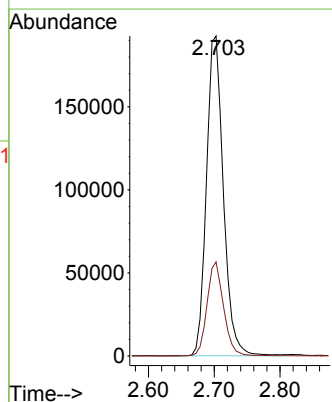
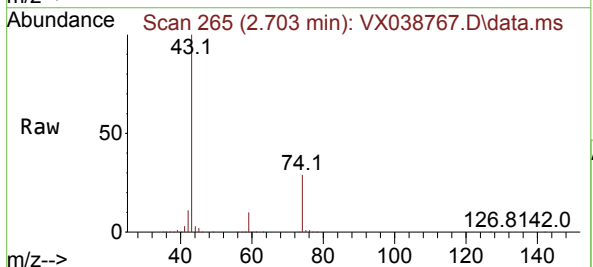
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

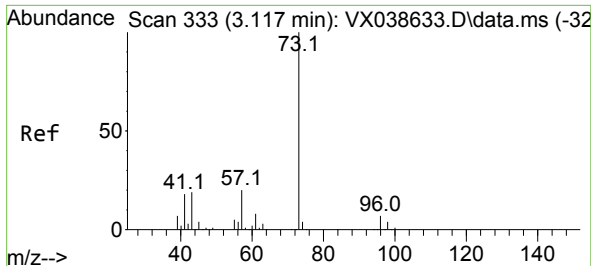
Tgt Ion: 76 Resp: 325991
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 50.977 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 43 Resp: 344939
Ion Ratio Lower Upper
43 100
74 28.9 17.8 26.8#

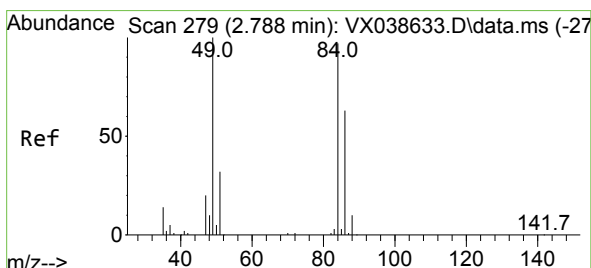
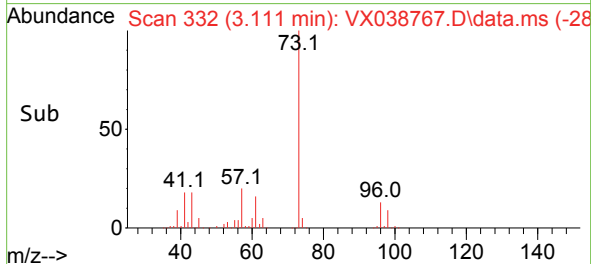
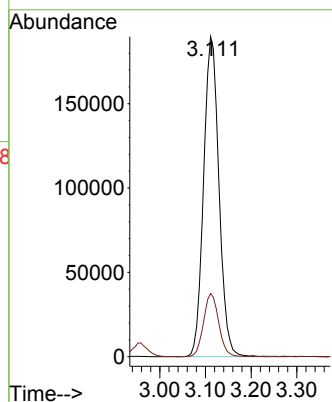
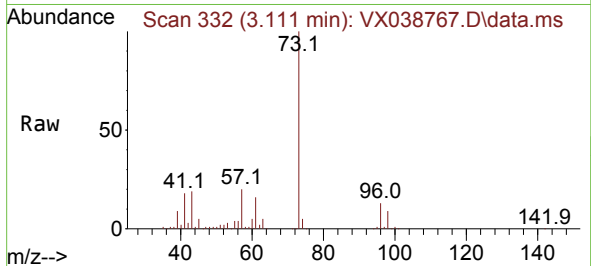




#19
Methyl tert-butyl Ether
Concen: 48.891 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

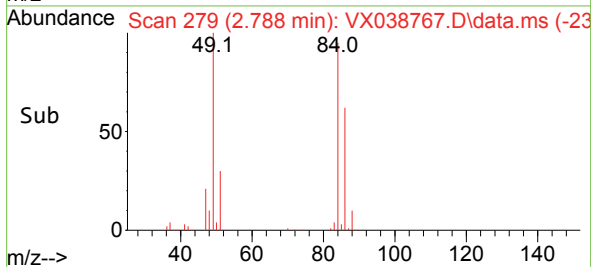
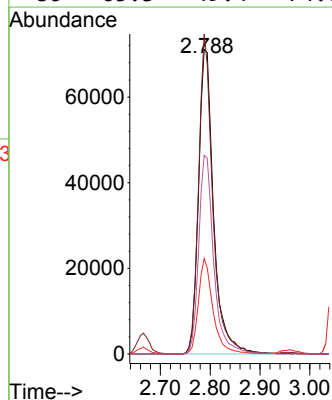
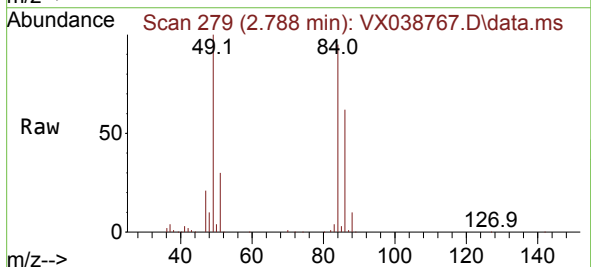
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

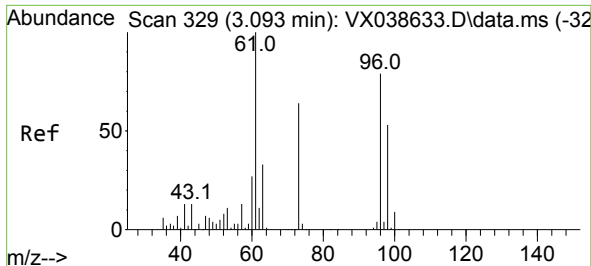
Tgt Ion: 73 Resp: 441992
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9



#20
Methylene Chloride
Concen: 46.686 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 84 Resp: 149474
Ion Ratio Lower Upper
84 100
49 105.1 103.6 155.4
51 31.3 33.8 50.6#
86 65.3 49.4 74.0

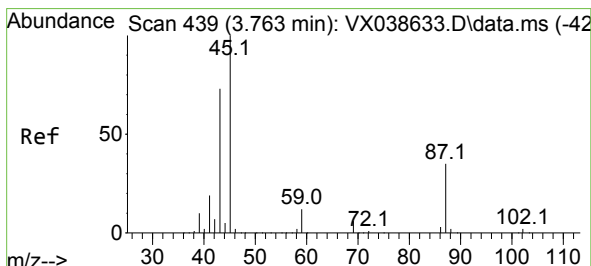
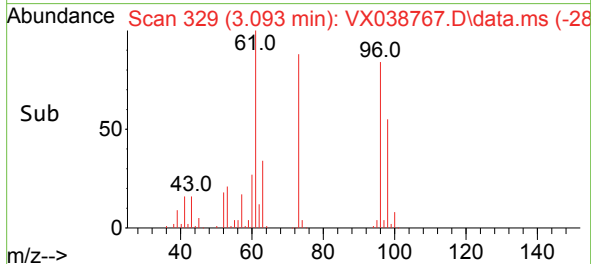
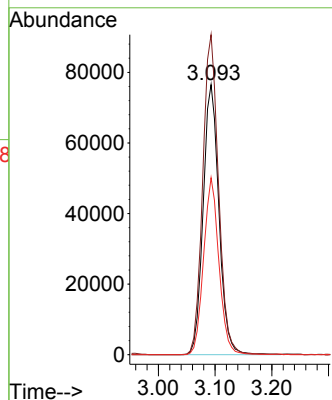
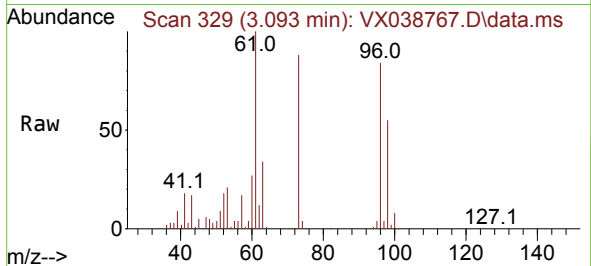




#21
trans-1,2-Dichloroethene
Concen: 48.038 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

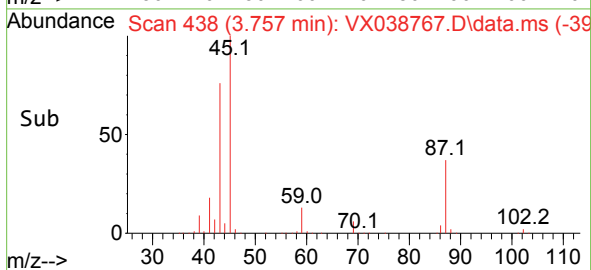
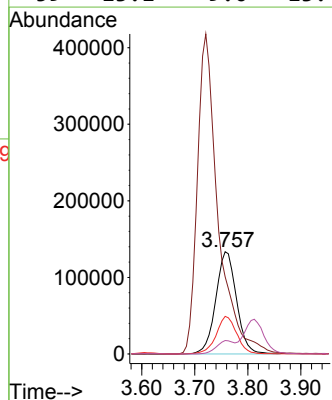
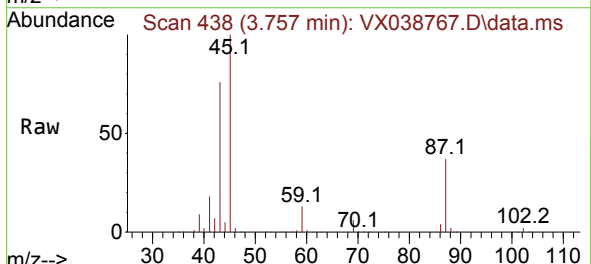
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

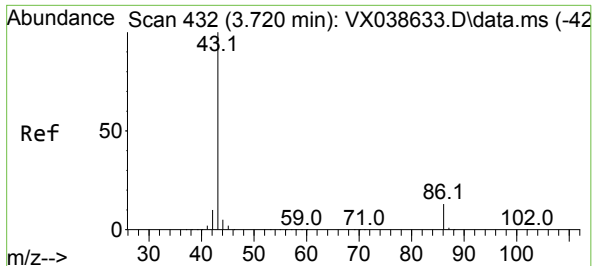
Tgt Ion: 96 Resp: 147848
Ion Ratio Lower Upper
96 100
61 118.5 119.2 178.8#
98 65.6 48.7 73.1



#22
Diisopropyl ether
Concen: 47.565 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 45 Resp: 362994
Ion Ratio Lower Upper
45 100
43 75.2 69.7 104.5
87 36.8 20.8 31.2#
59 13.1 9.0 13.4

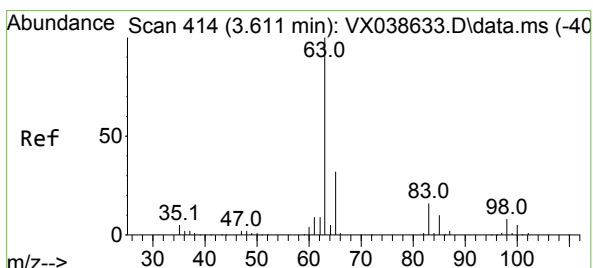
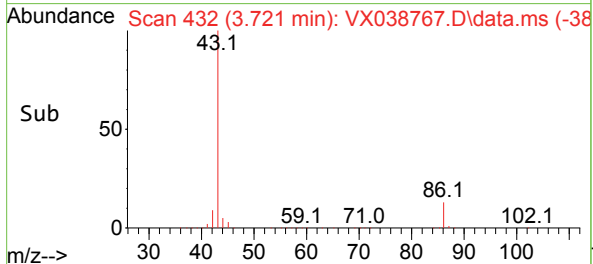
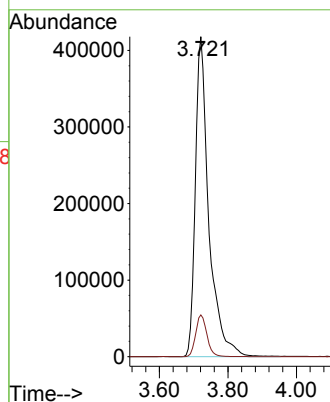
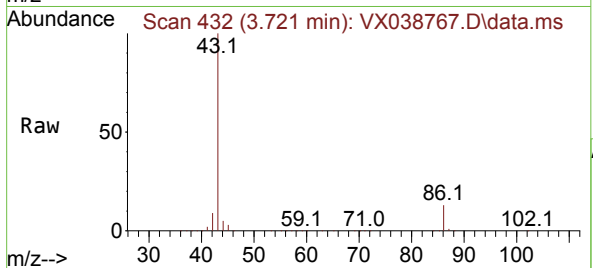




#23
 Vinyl Acetate
 Concen: 211.071 ug/l
 RT: 3.721 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038767.D
 Acq: 11 Nov 2023 08:12

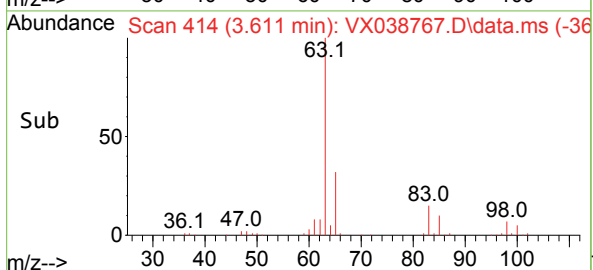
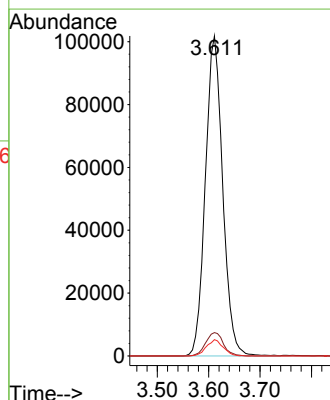
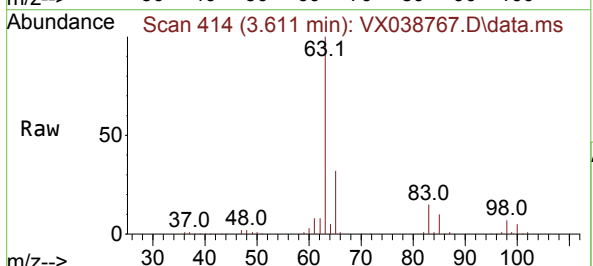
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

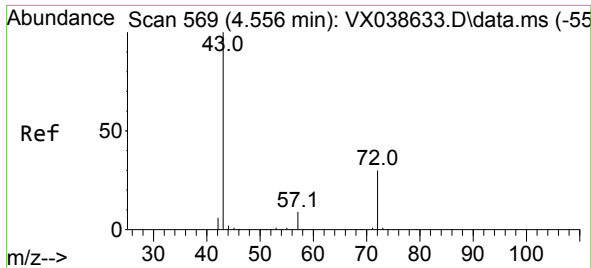
Tgt Ion: 43 Resp: 1143309
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 47.272 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038767.D
 Acq: 11 Nov 2023 08:12

Tgt Ion: 63 Resp: 238678
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 5.1 2.1 6.5





#25

2-Butanone

Concen: 229.608 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

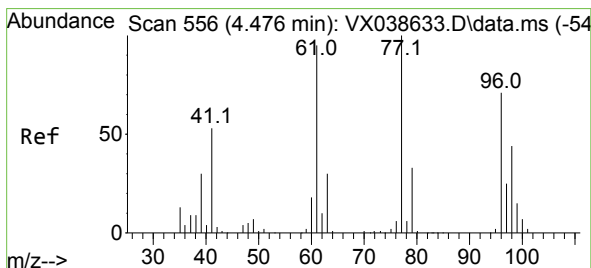
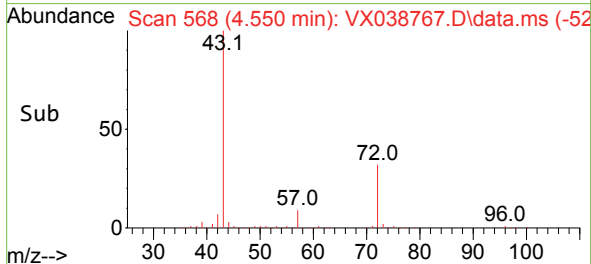
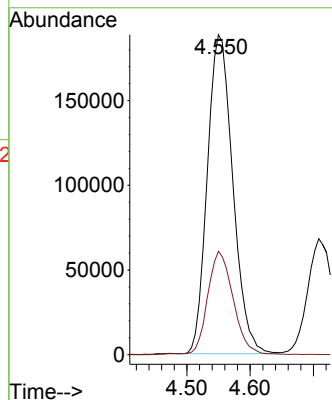
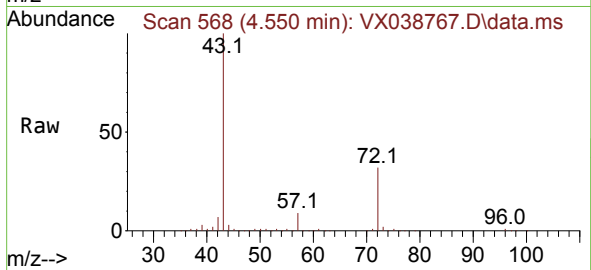
VSTDCCC050EC

Tgt Ion: 43 Resp: 528280

Ion Ratio Lower Upper

43 100

72 32.2 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 33.554 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038767.D

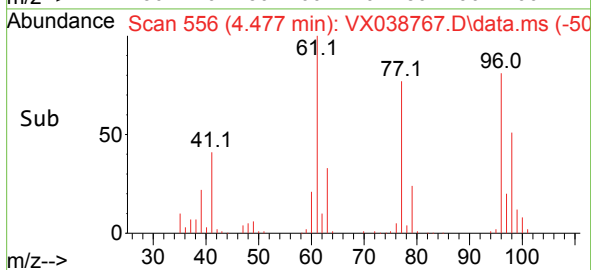
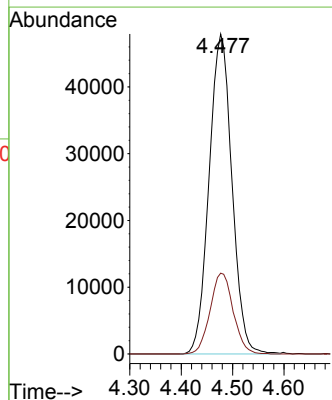
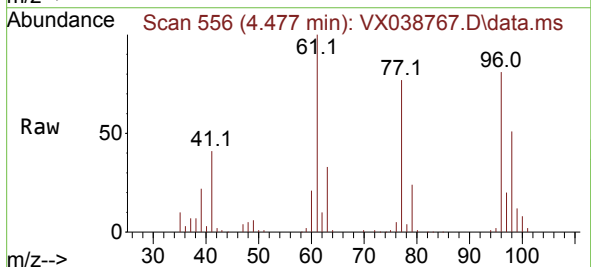
Acq: 11 Nov 2023 08:12

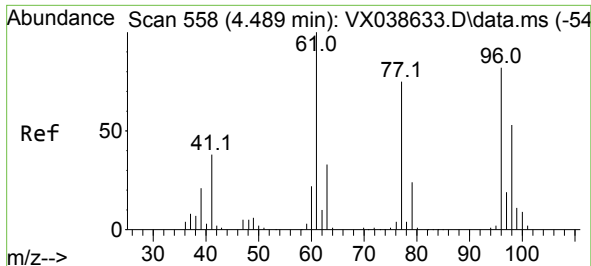
Tgt Ion: 77 Resp: 147921

Ion Ratio Lower Upper

77 100

97 25.5 10.8 32.3

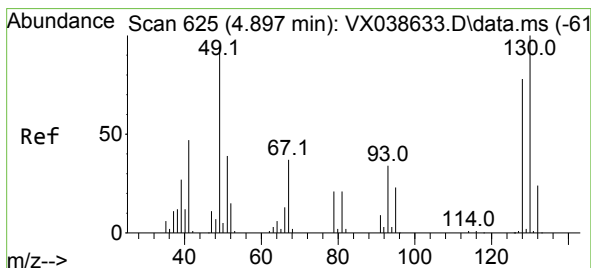
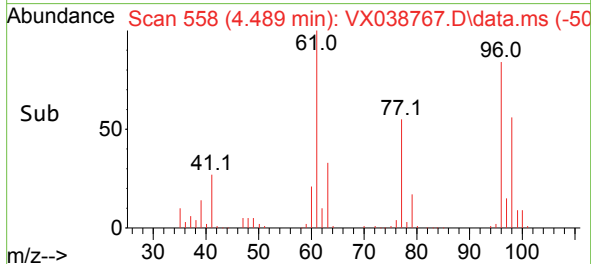
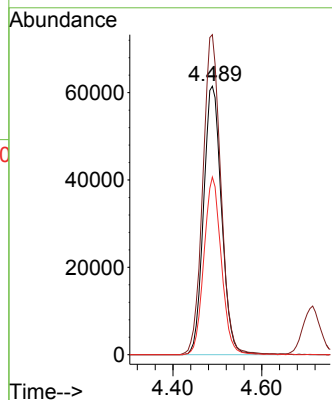
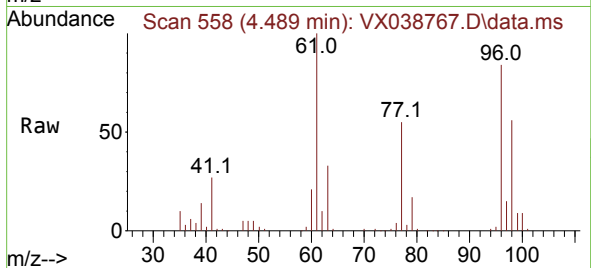




#27
 cis-1,2-Dichloroethene
 Concen: 48.769 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX038767.D
 Acq: 11 Nov 2023 08:12

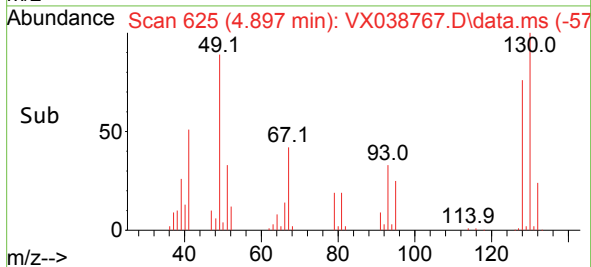
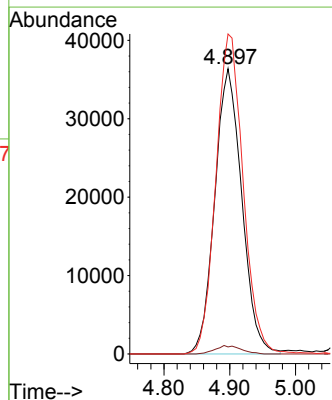
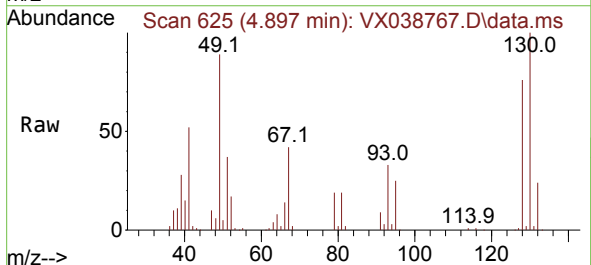
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

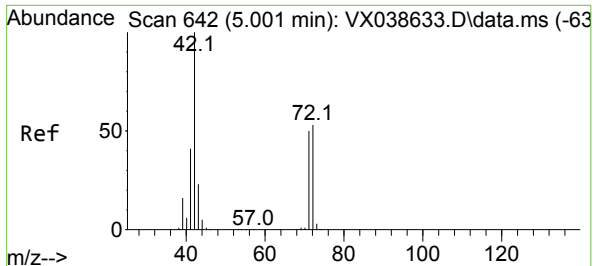
Tgt Ion: 96 Resp: 173326
 Ion Ratio Lower Upper
 96 100
 61 119.6 0.0 312.2
 98 63.9 0.0 129.0



#28
 Bromochloromethane
 Concen: 45.871 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX038767.D
 Acq: 11 Nov 2023 08:12

Tgt Ion: 49 Resp: 104083
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 3.8
 130 113.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 236.943 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

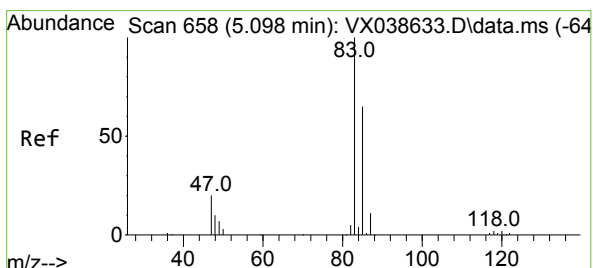
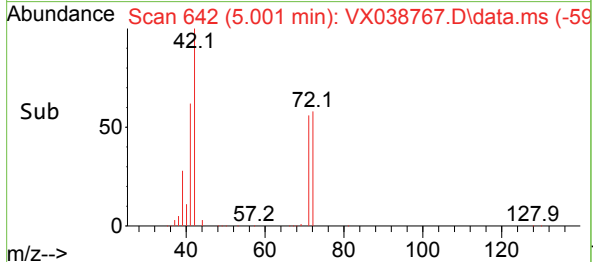
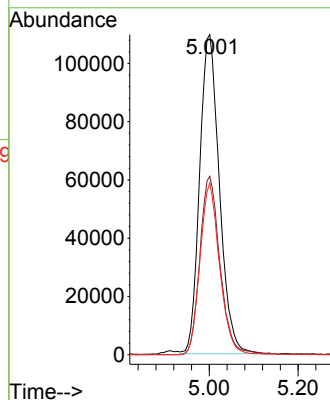
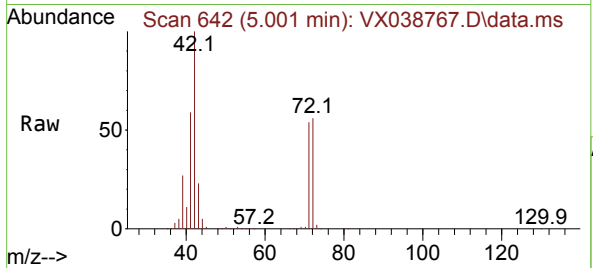
Tgt Ion: 42 Resp: 339181

Ion Ratio Lower Upper

42 100

72 56.9 34.2 51.4#

71 53.2 32.2 48.2#



#30

Chloroform

Concen: 46.608 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX038767.D

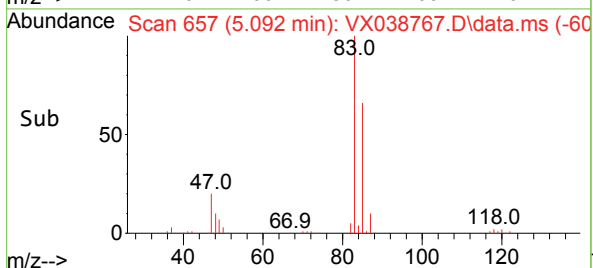
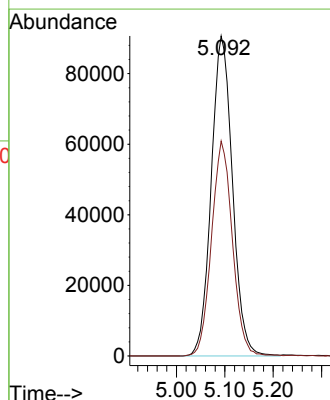
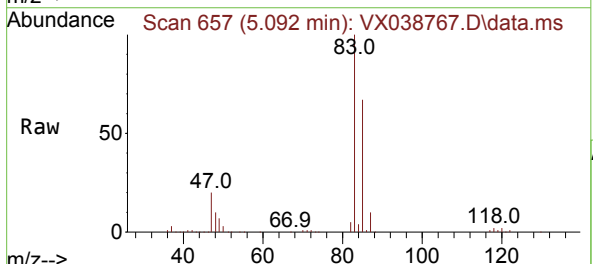
Acq: 11 Nov 2023 08:12

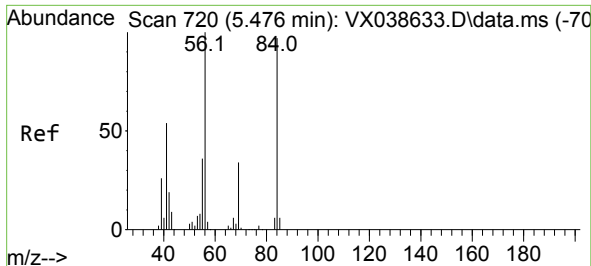
Tgt Ion: 83 Resp: 276106

Ion Ratio Lower Upper

83 100

85 67.2 50.3 75.5

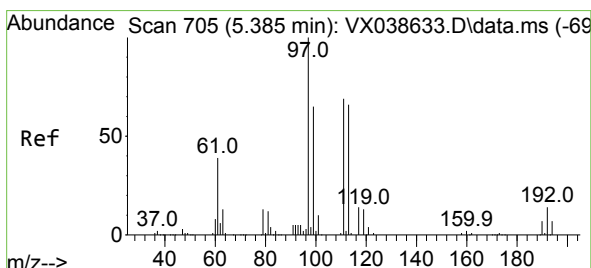
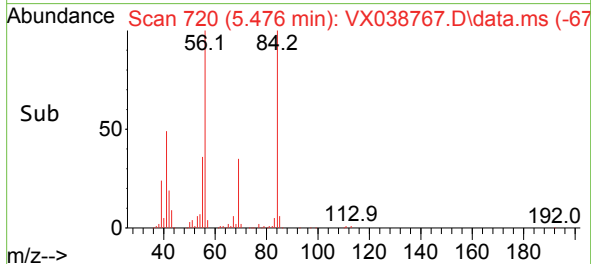
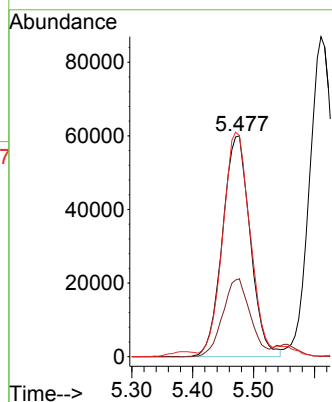
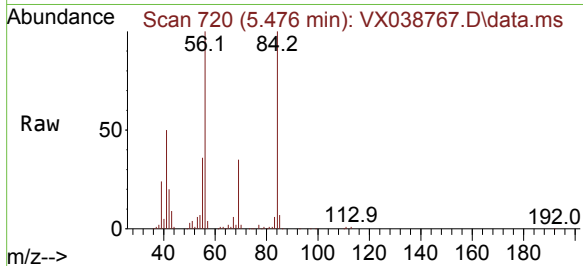




#31
Cyclohexane
Concen: 45.399 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

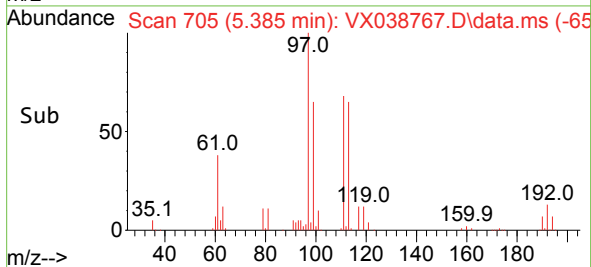
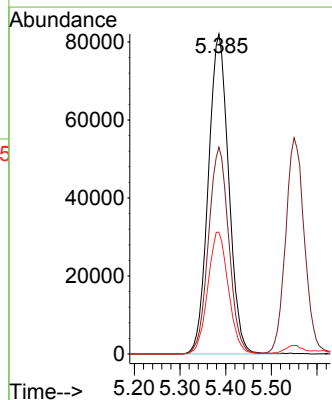
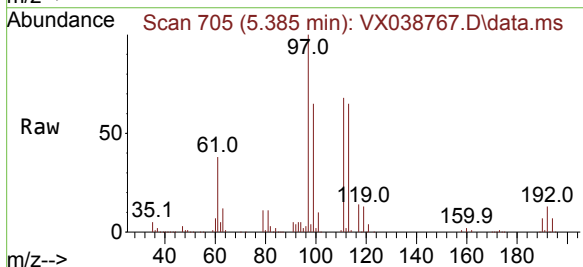
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

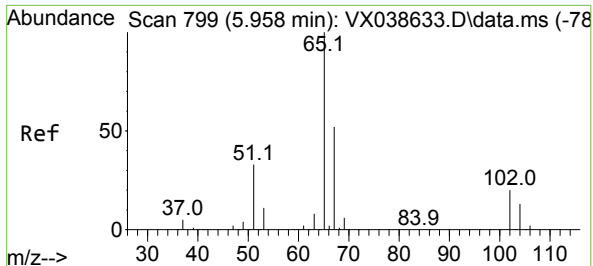
Tgt Ion: 56 Resp: 189487
Ion Ratio Lower Upper
56 100
69 35.3 23.4 35.2#
84 97.9 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 48.730 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 97 Resp: 254051
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 38.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.088 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

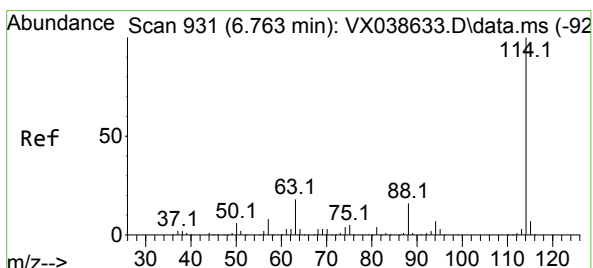
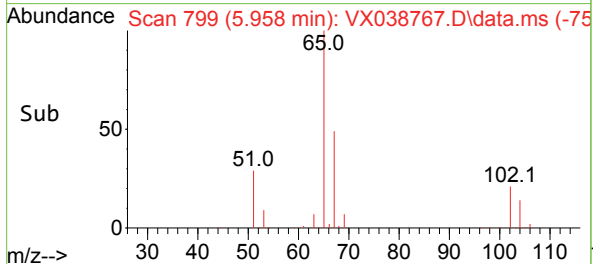
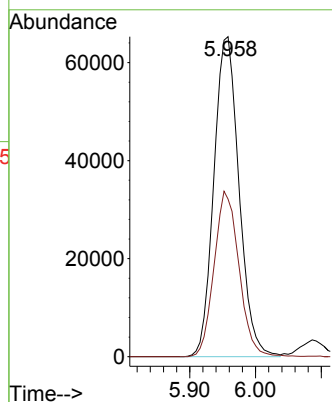
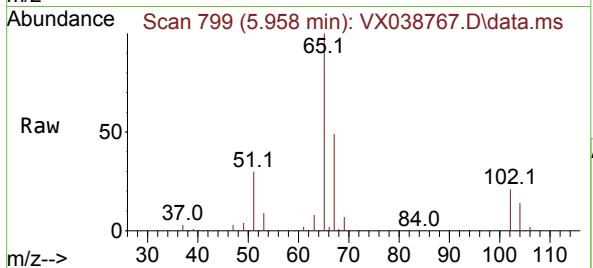
VSTDCCC050EC

Tgt Ion: 65 Resp: 173809

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

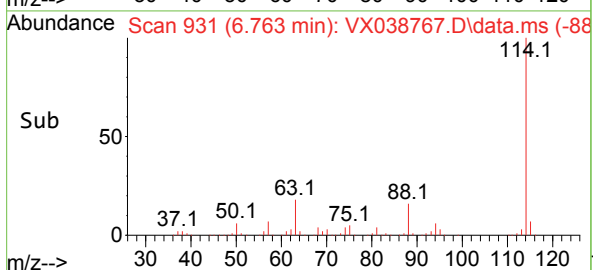
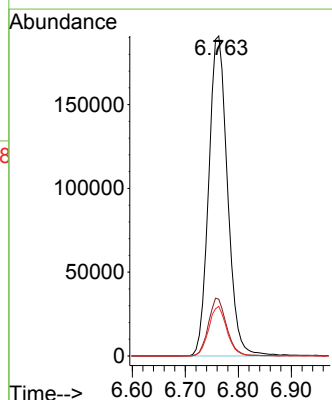
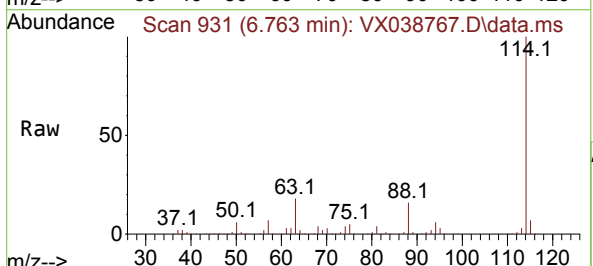
Tgt Ion: 114 Resp: 469731

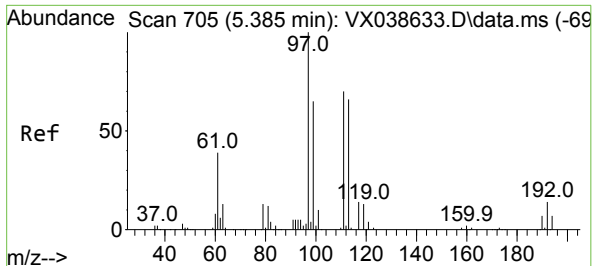
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.780 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

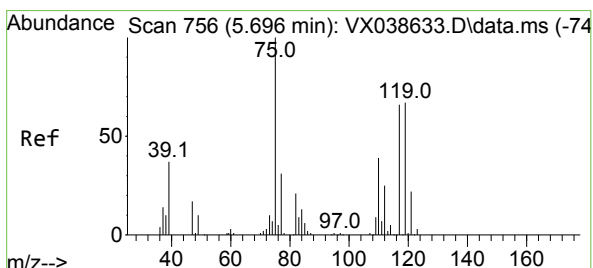
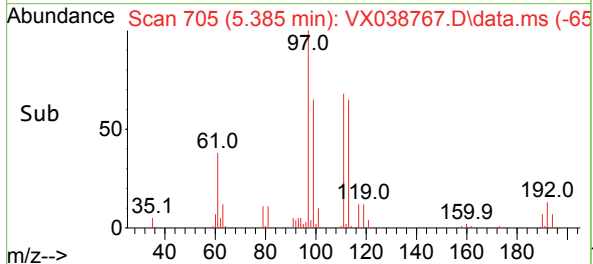
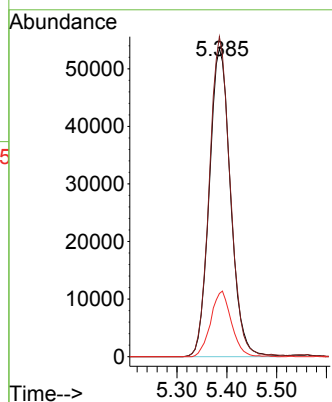
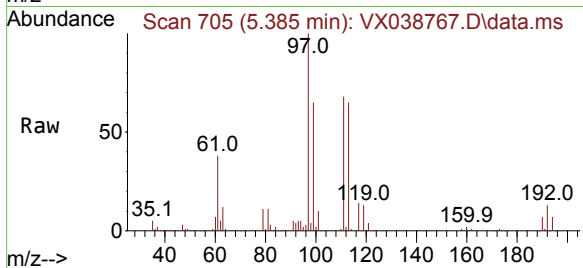
Tgt Ion:113 Resp: 158262

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 20.8 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 45.793 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

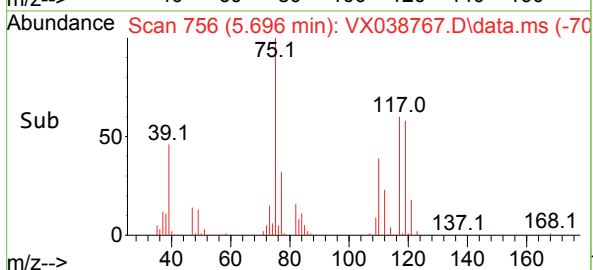
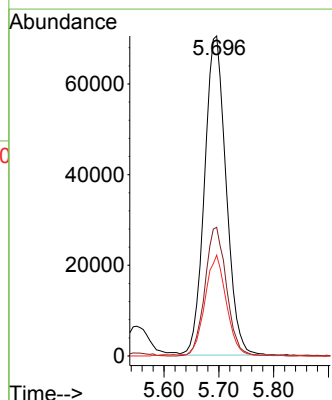
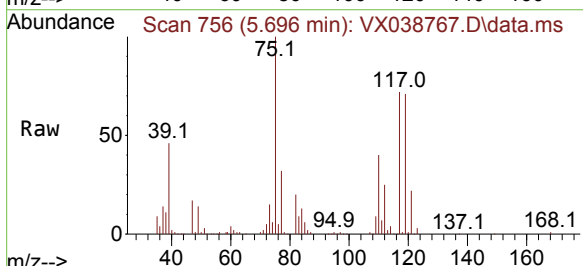
Tgt Ion: 75 Resp: 192444

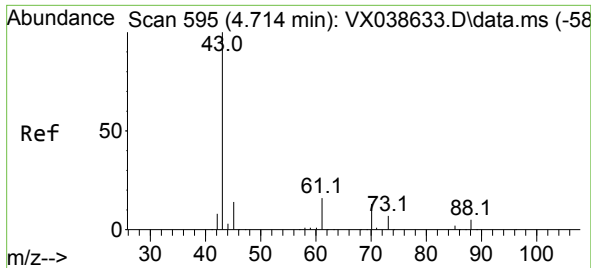
Ion Ratio Lower Upper

75 100

110 40.4 17.0 50.9

77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 46.180 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

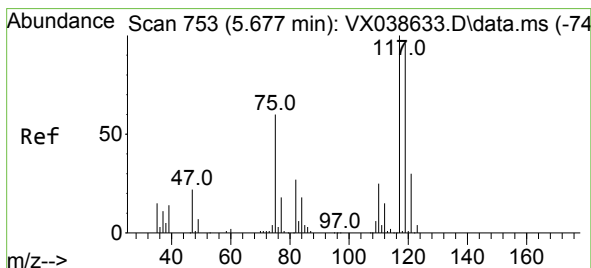
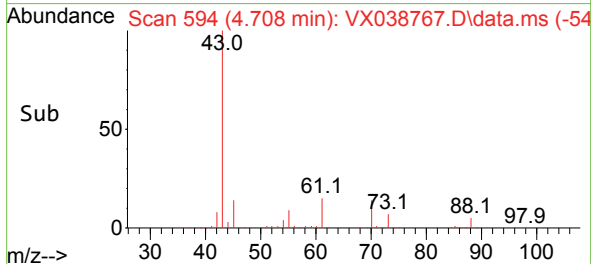
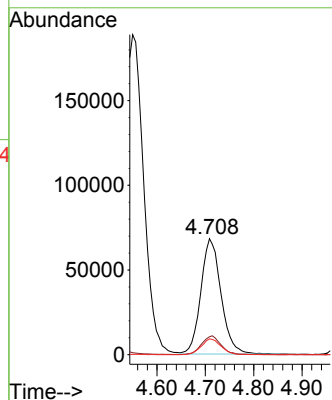
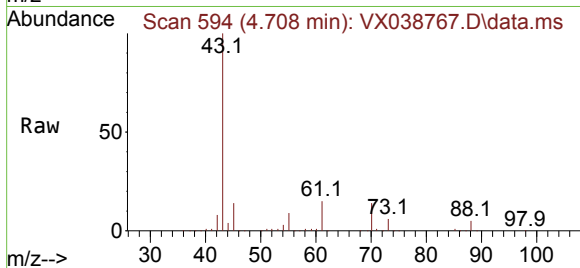
Tgt Ion: 43 Resp: 198144

Ion Ratio Lower Upper

43 100

61 15.9 10.6 16.0

70 13.4 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 48.201 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

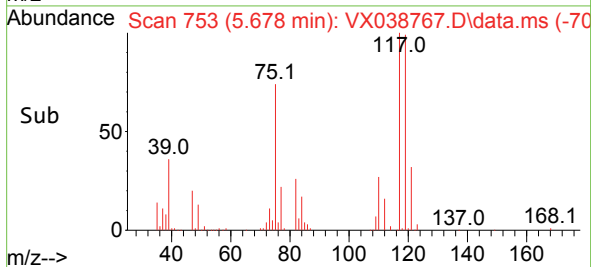
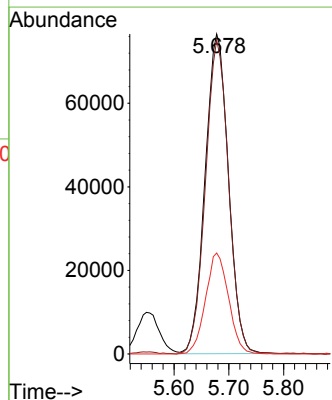
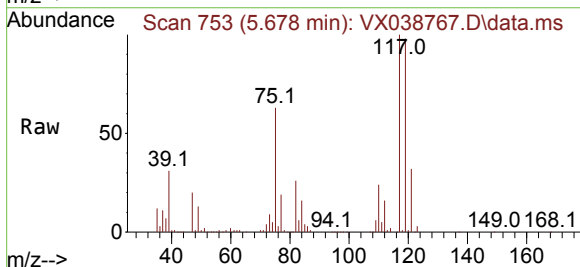
Tgt Ion:117 Resp: 226451

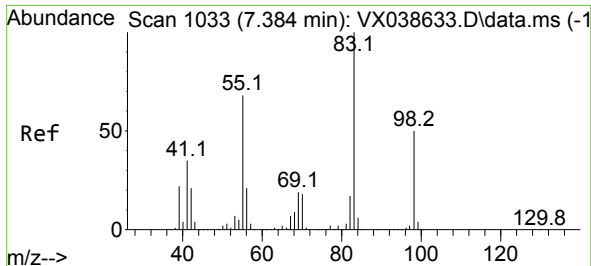
Ion Ratio Lower Upper

117 100

119 98.2 78.2 117.2

121 31.6 24.4 36.6





#39

Methylcyclohexane

Concen: 44.603 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

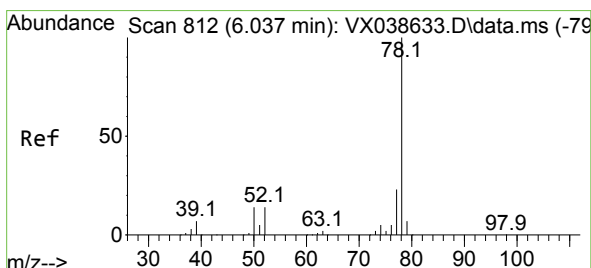
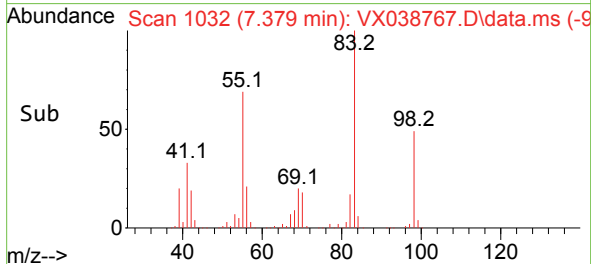
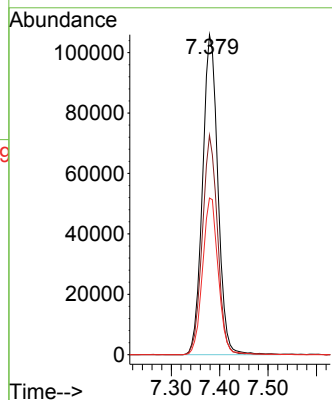
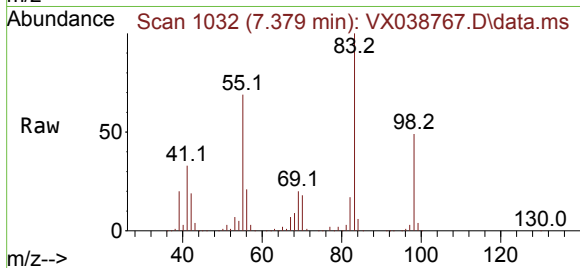
Tgt Ion: 83 Resp: 234357

Ion Ratio Lower Upper

83 100

55 68.5 64.6 97.0

98 49.0 36.7 55.1



#40

Benzene

Concen: 46.354 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038767.D

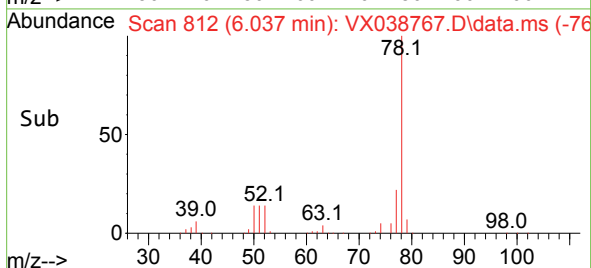
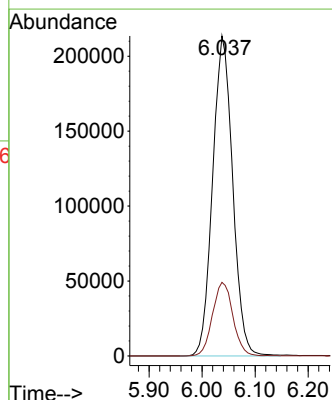
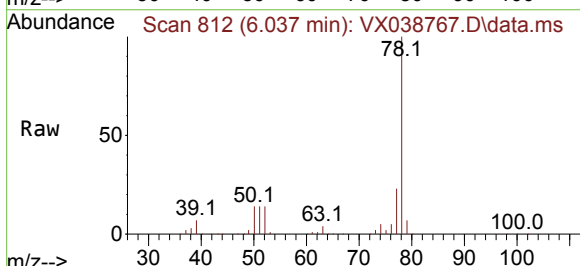
Acq: 11 Nov 2023 08:12

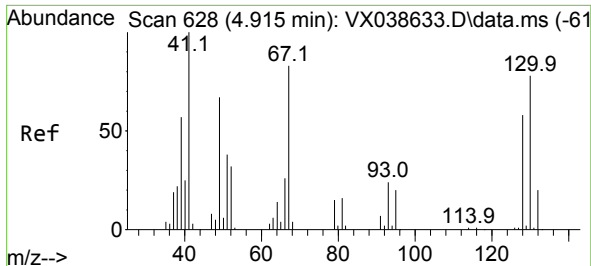
Tgt Ion: 78 Resp: 561085

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9



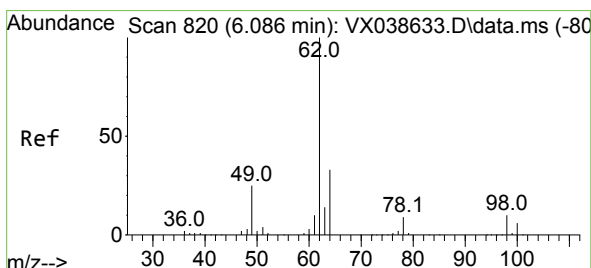
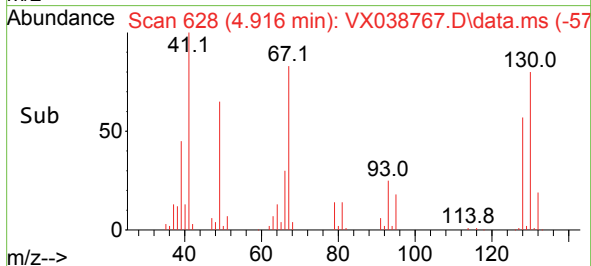
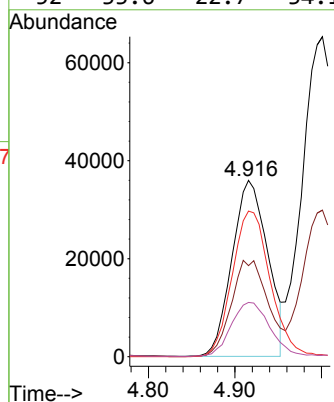
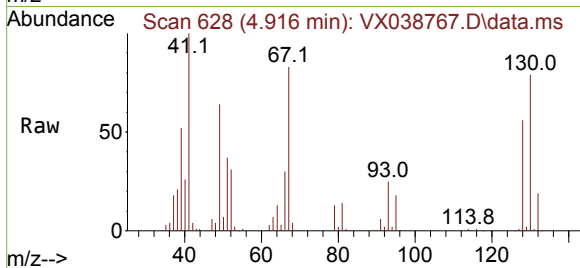


#41
Methacrylonitrile
Concen: 47.057 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 102865

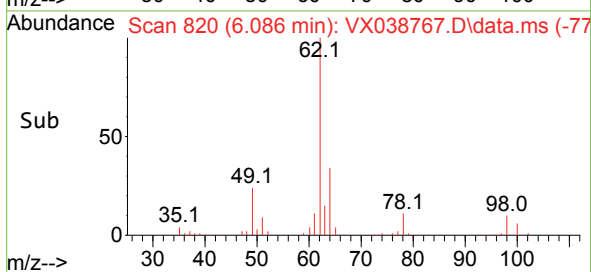
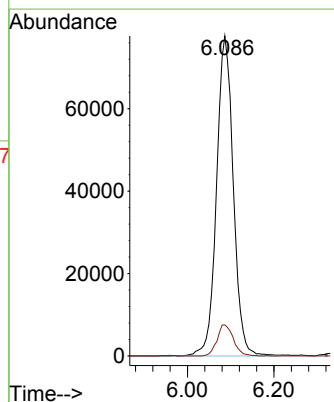
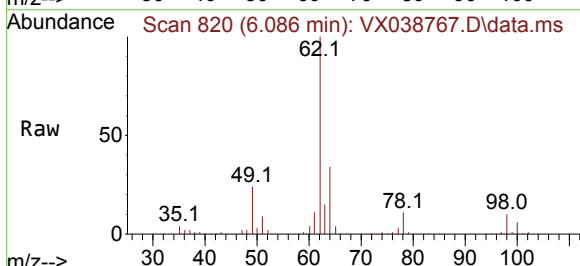
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.2	67.8
67	88.8	52.6	78.8
52	33.6	22.7	34.1

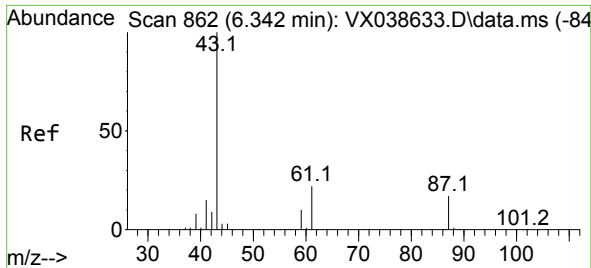


#42
1,2-Dichloroethane
Concen: 47.859 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 62 Resp: 209025

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.0

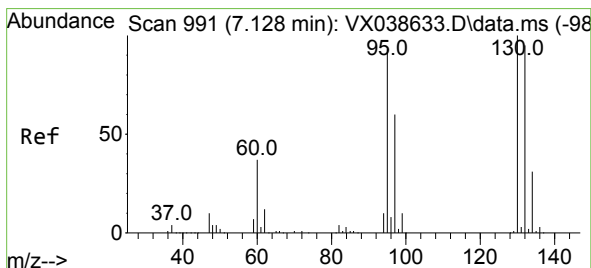
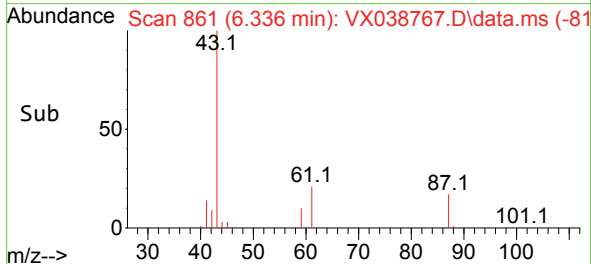
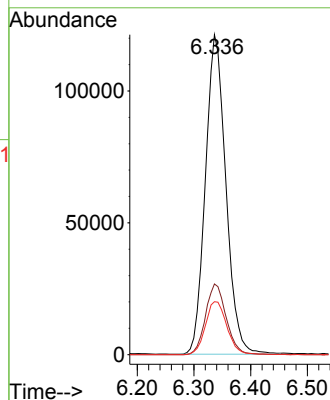
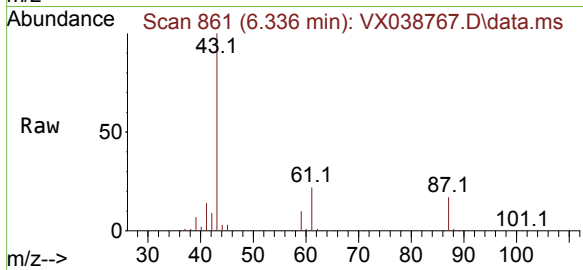




#43
Isopropyl Acetate
Concen: 46.221 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

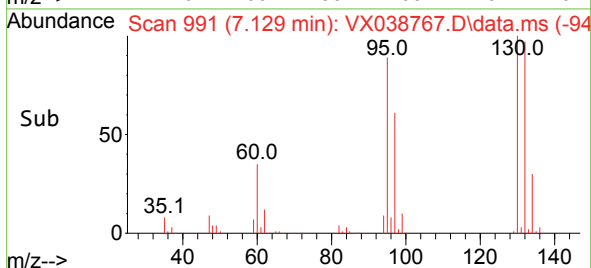
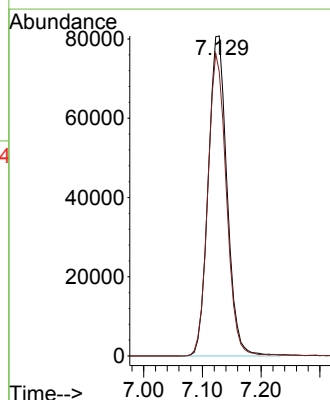
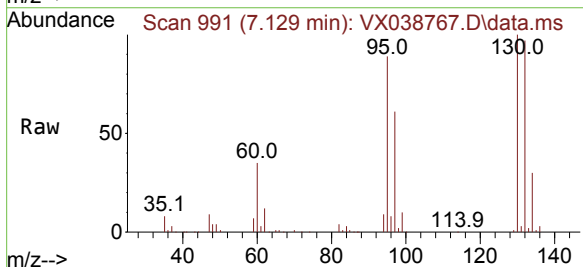
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

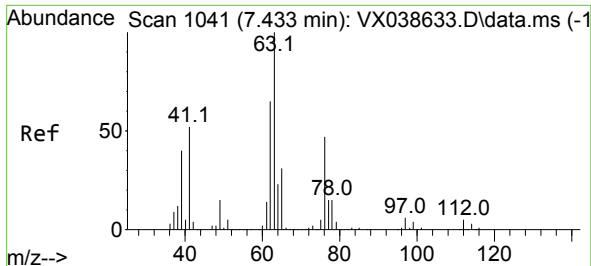
Tgt Ion: 43 Resp: 304893
Ion Ratio Lower Upper
43 100
61 22.3 15.2 22.8
87 17.5 9.8 14.6#



#44
Trichloroethene
Concen: 47.631 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion:130 Resp: 179388
Ion Ratio Lower Upper
130 100
95 88.8 0.0 204.4

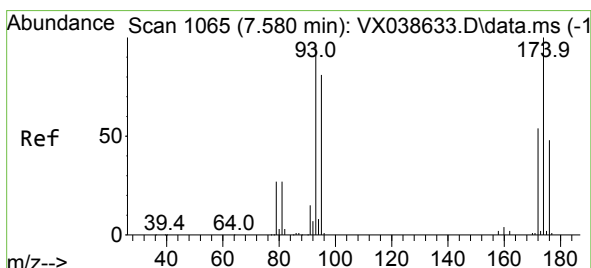
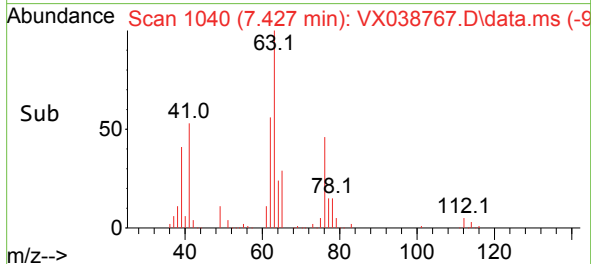
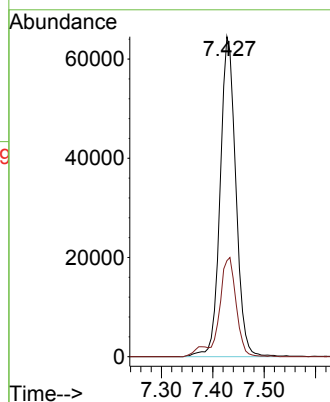
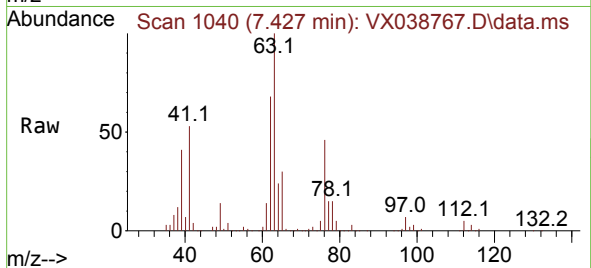




#45
1,2-Dichloropropane
Concen: 46.813 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

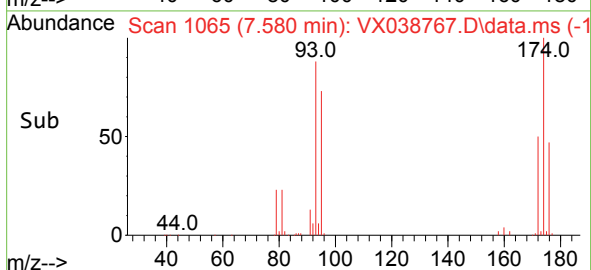
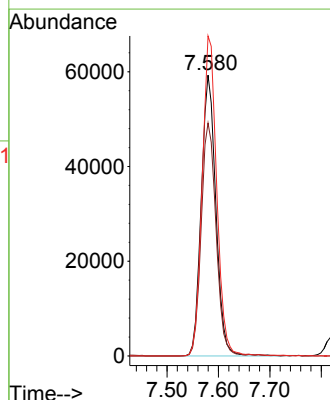
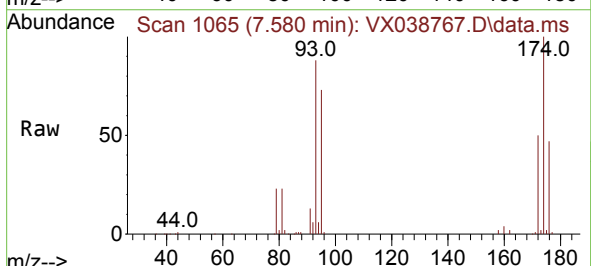
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

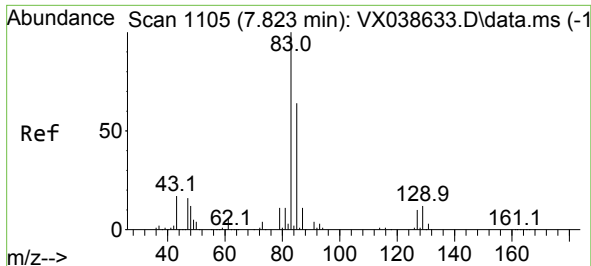
Tgt Ion: 63 Resp: 136981
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5



#46
Dibromomethane
Concen: 47.848 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 93 Resp: 117089
Ion Ratio Lower Upper
93 100
95 84.1 66.6 100.0
174 113.1 69.4 104.0#

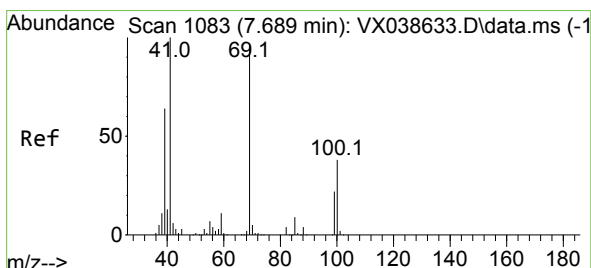
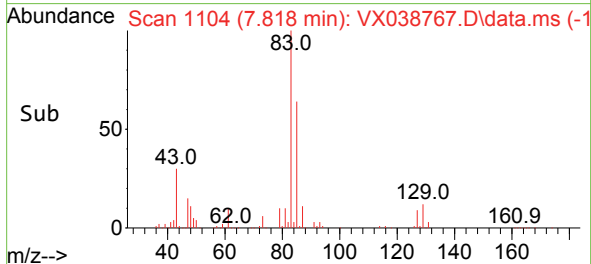
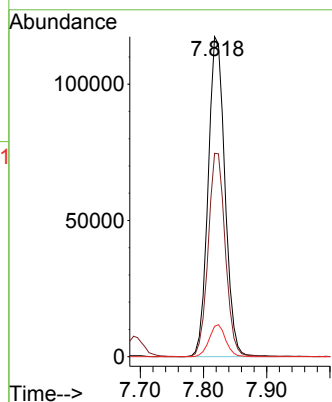
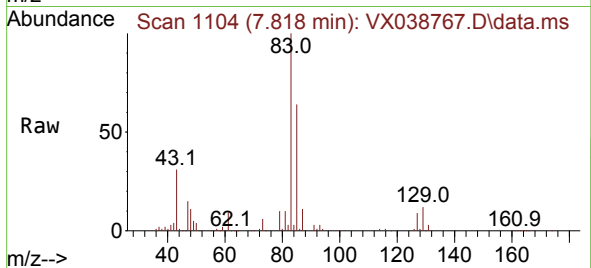




#47
Bromodichloromethane
Concen: 47.146 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

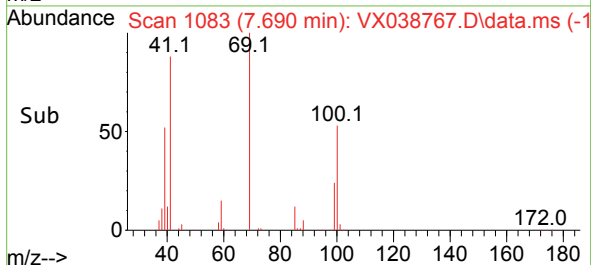
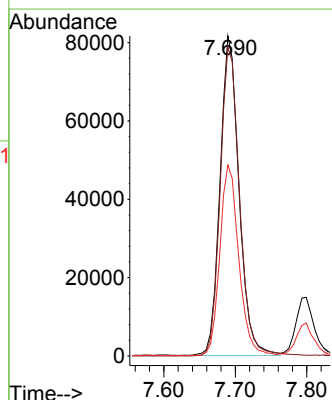
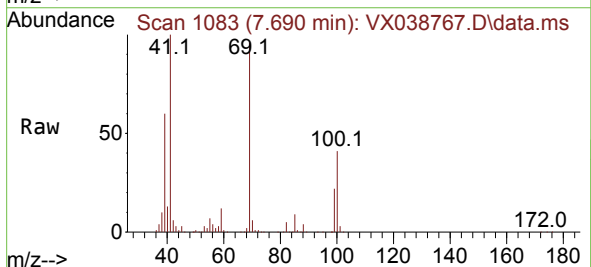
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

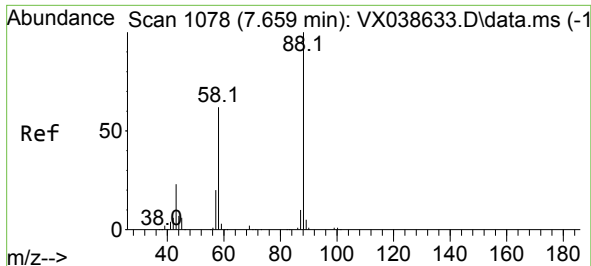
Tgt Ion: 83 Resp: 216973
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.6
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 47.347 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 41 Resp: 150516
Ion Ratio Lower Upper
41 100
69 98.7 59.2 88.8
39 59.5 47.7 71.5

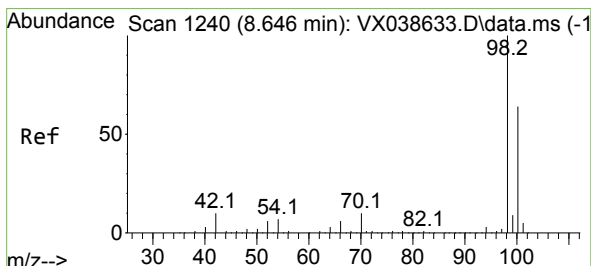
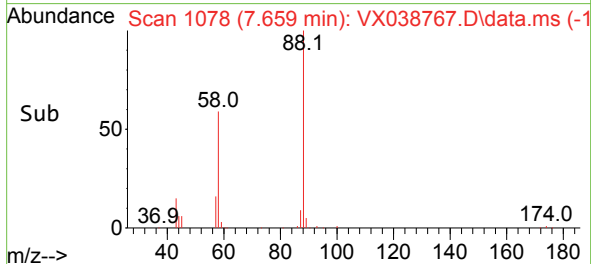
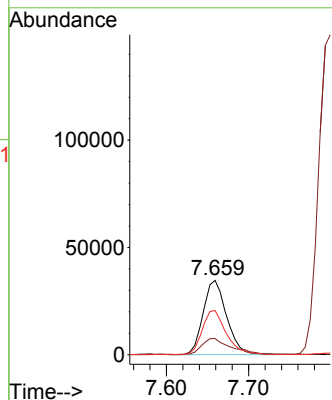
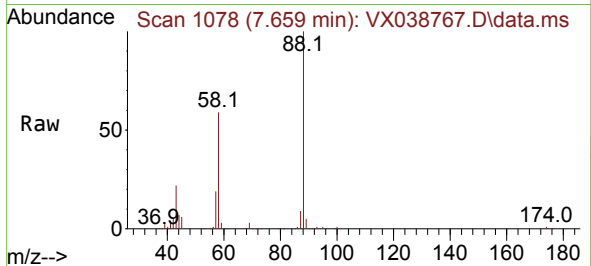




#49
 1,4-Dioxane
 Concen: 946.053 ug/l
 RT: 7.659 min Scan# 1078
 Delta R.T. 0.000 min
 Lab File: VX038767.D
 Acq: 11 Nov 2023 08:12

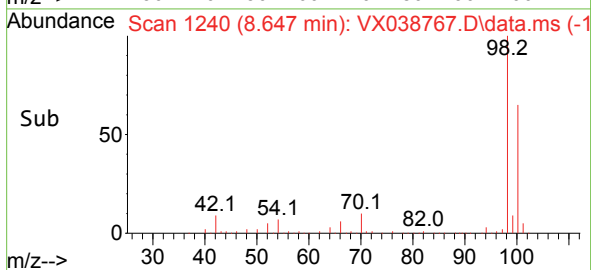
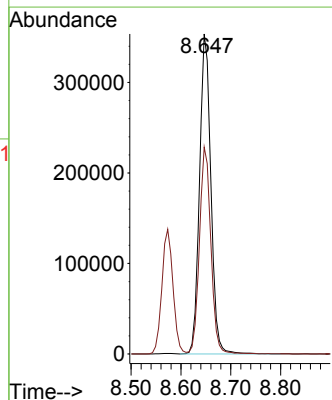
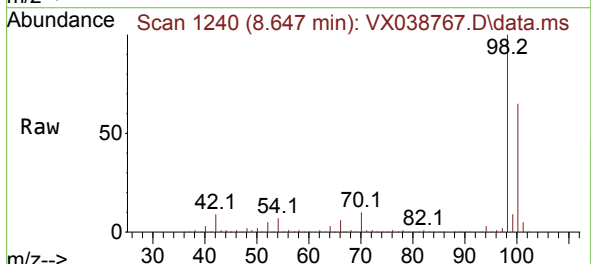
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

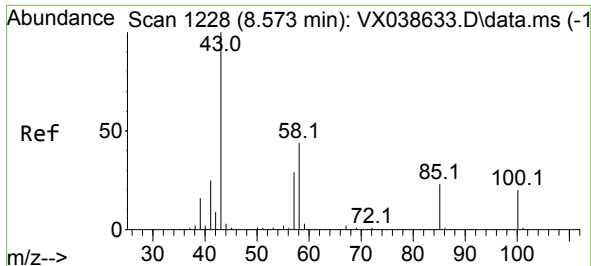
Tgt Ion: 88 Resp: 68466
 Ion Ratio Lower Upper
 88 100
 43 26.6 0.0 0.0#
 58 60.6 60.1 90.1



#50
 Toluene-d8
 Concen: 46.036 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX038767.D
 Acq: 11 Nov 2023 08:12

Tgt Ion: 98 Resp: 557323
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 241.245 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

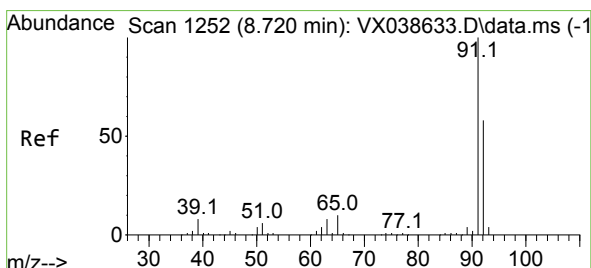
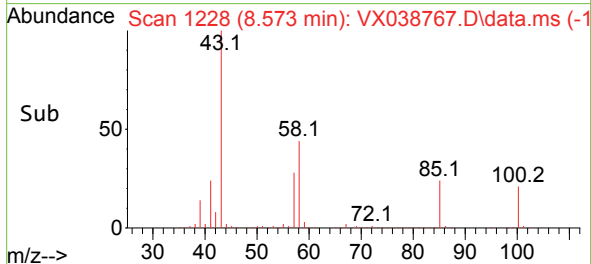
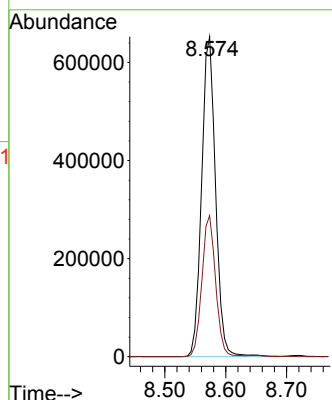
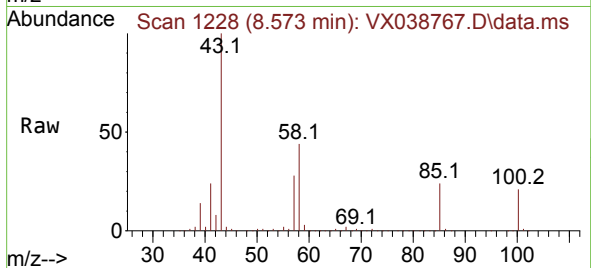
VSTDCCC050EC

Tgt Ion: 43 Resp: 1036828

Ion Ratio Lower Upper

43 100

58 43.4 30.4 45.6



#52

Toluene

Concen: 47.945 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038767.D

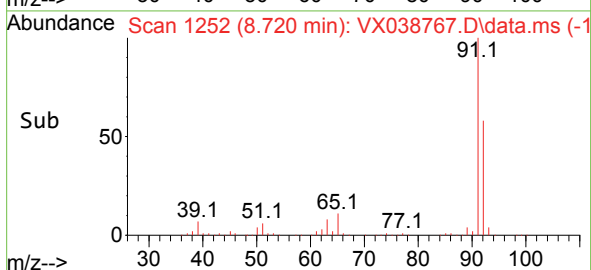
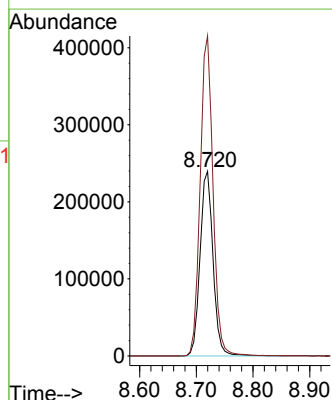
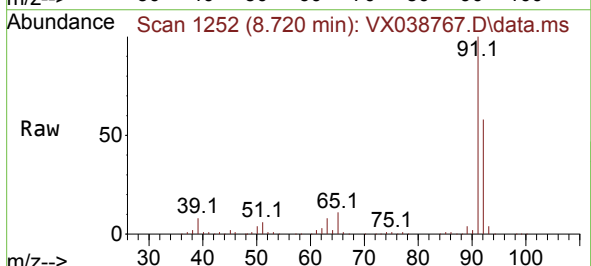
Acq: 11 Nov 2023 08:12

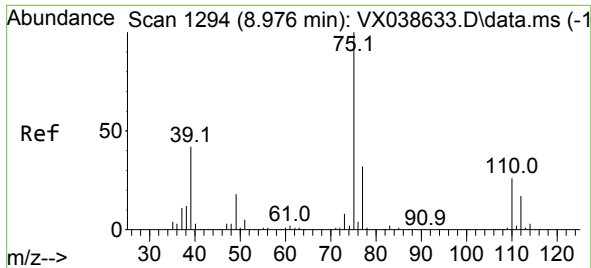
Tgt Ion: 92 Resp: 380175

Ion Ratio Lower Upper

92 100

91 171.8 134.2 201.2

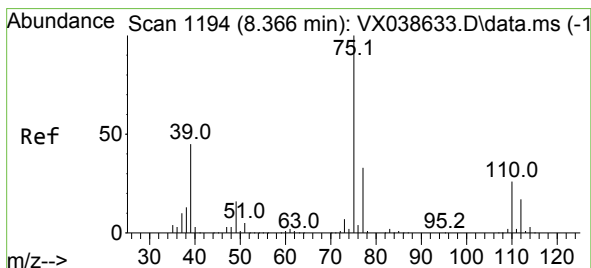
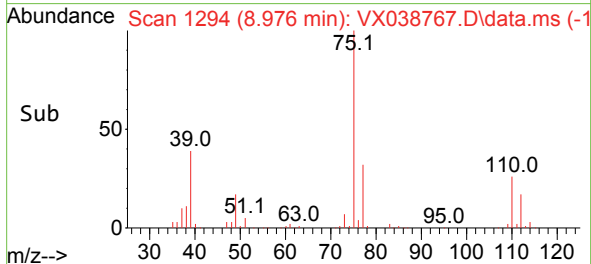
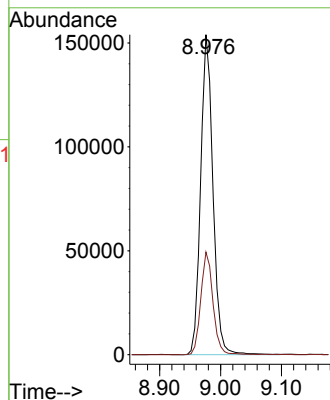
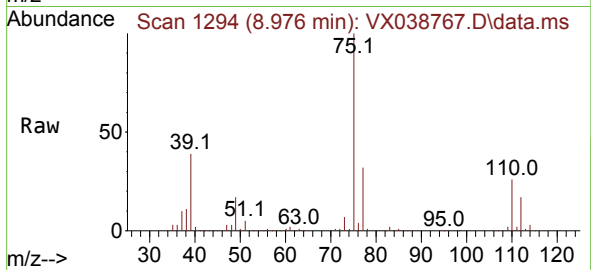




#53
 t-1,3-Dichloropropene
 Concen: 46.191 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX038767.D
 Acq: 11 Nov 2023 08:12

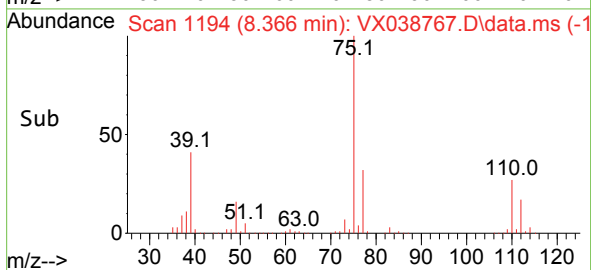
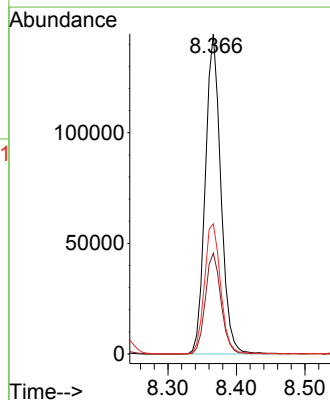
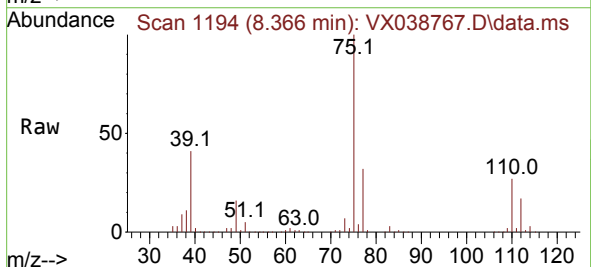
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

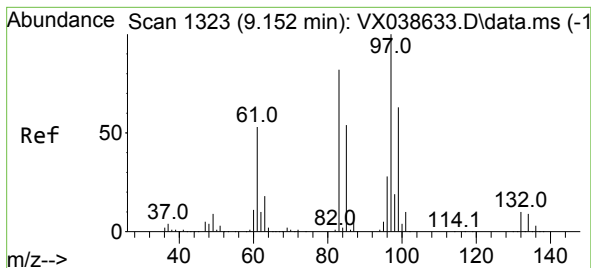
Tgt Ion: 75 Resp: 216423
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 46.210 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038767.D
 Acq: 11 Nov 2023 08:12

Tgt Ion: 75 Resp: 228566
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 40.6 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 49.213 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 165574

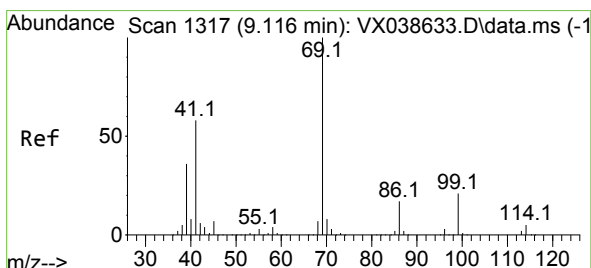
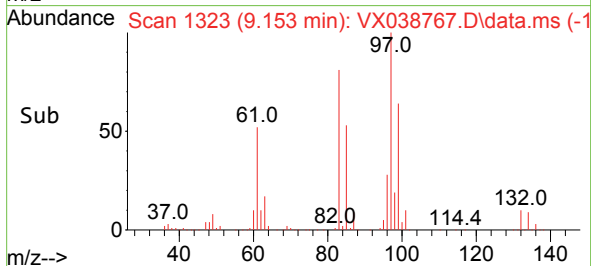
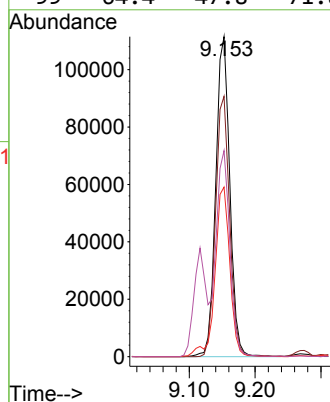
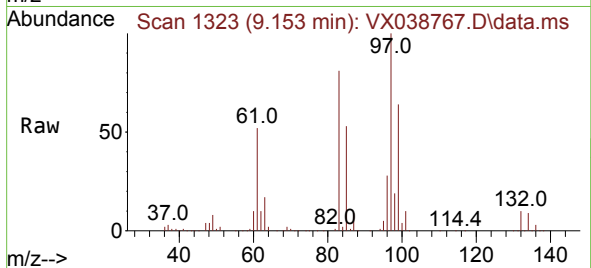
Ion Ratio Lower Upper

97 100

83 81.4 65.8 98.8

85 53.0 41.6 62.4

99 64.4 47.8 71.8



#56

Ethyl methacrylate

Concen: 50.104 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

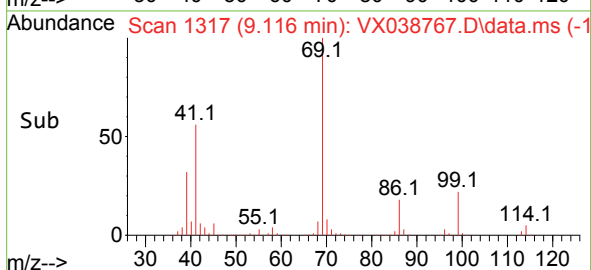
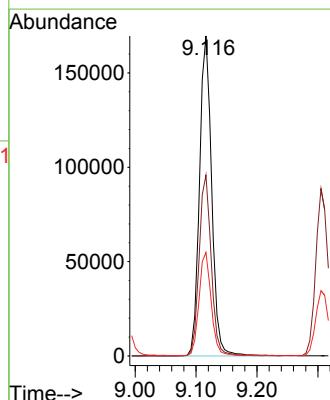
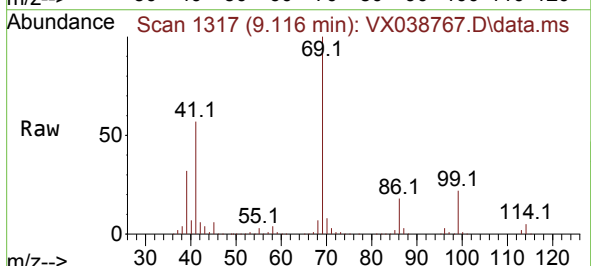
Tgt Ion: 69 Resp: 235852

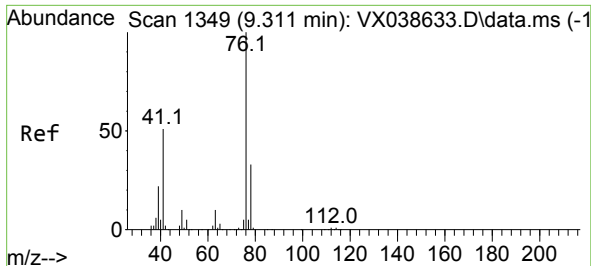
Ion Ratio Lower Upper

69 100

41 56.1 56.8 85.2#

39 32.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 48.347 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

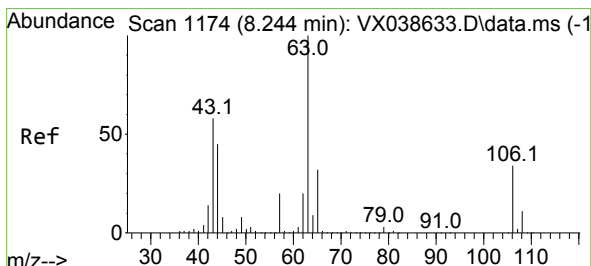
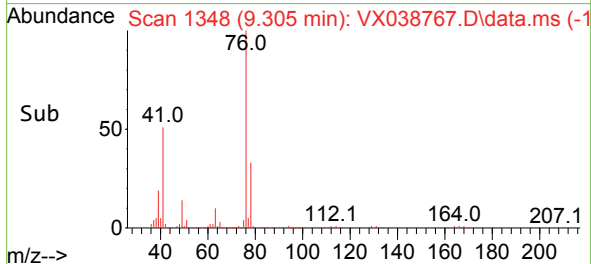
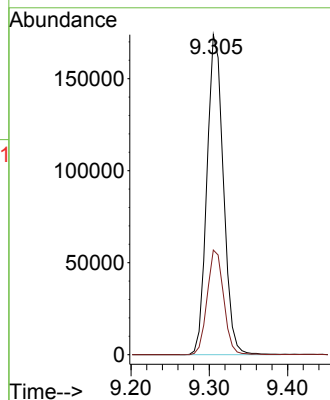
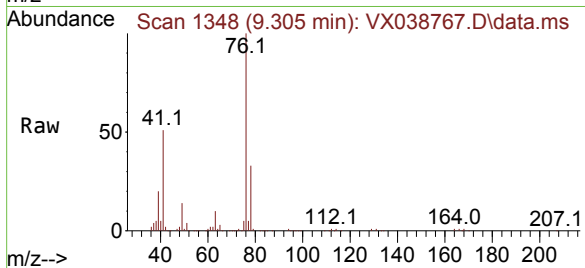
VSTDCCC050EC

Tgt Ion: 76 Resp: 253353

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 234.085 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038767.D

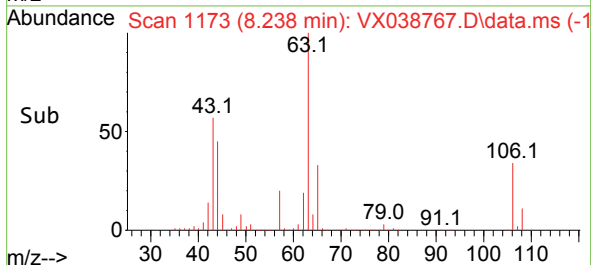
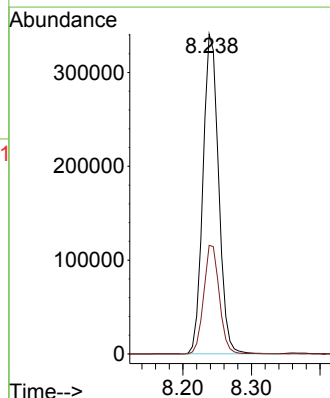
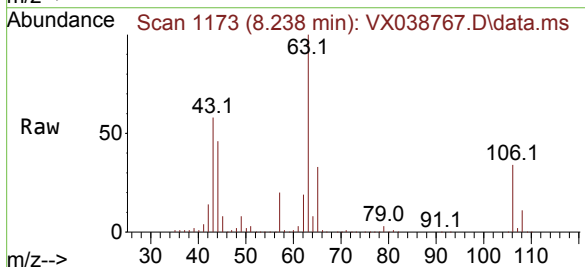
Acq: 11 Nov 2023 08:12

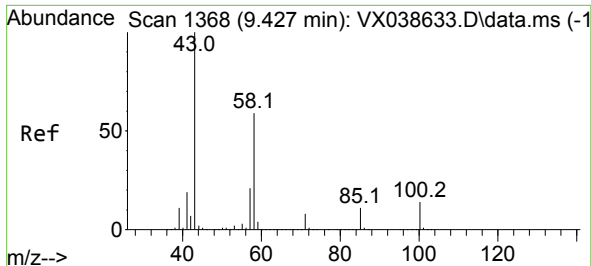
Tgt Ion: 63 Resp: 541767

Ion Ratio Lower Upper

63 100

106 34.0 22.5 33.7#

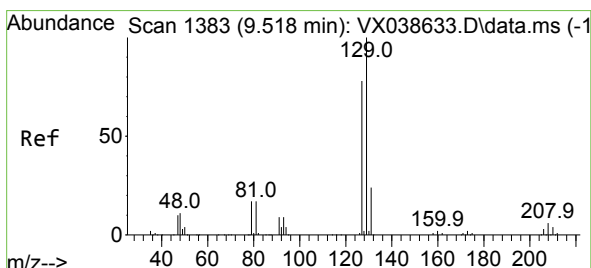
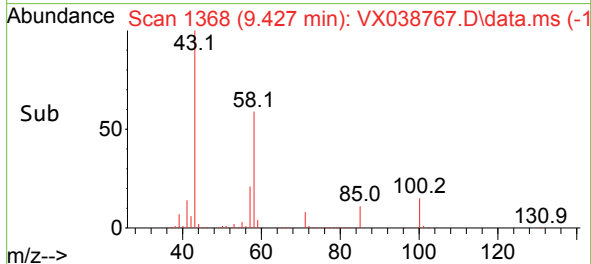
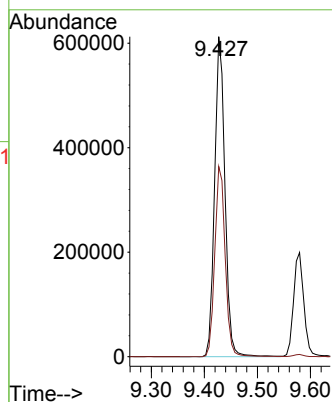
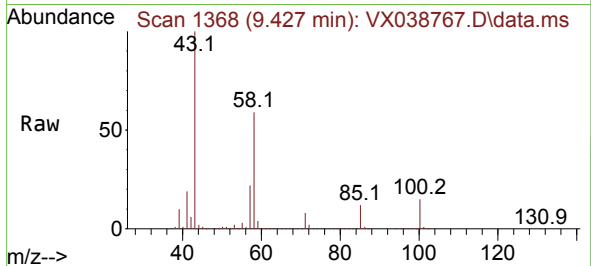




#59
2-Hexanone
Concen: 238.158 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

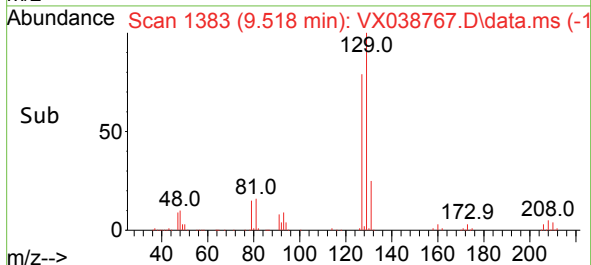
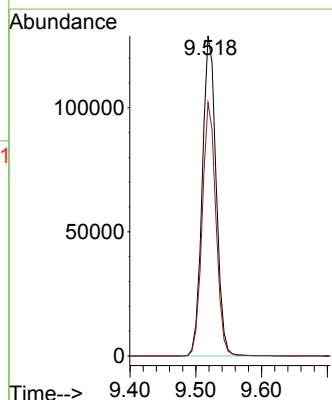
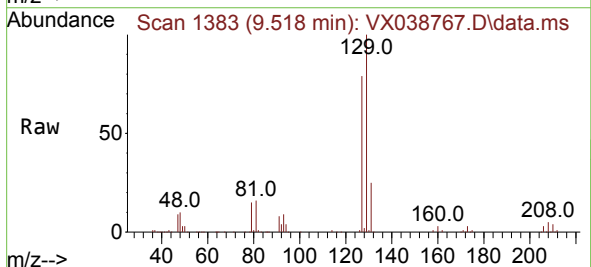
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

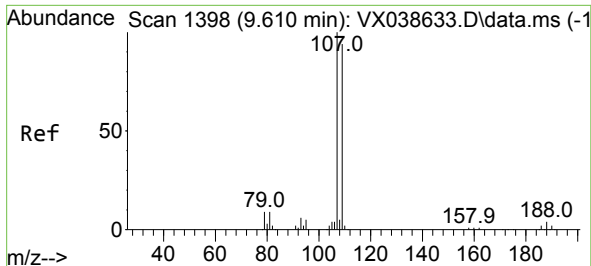
Tgt Ion: 43 Resp: 828202
Ion Ratio Lower Upper
43 100
58 60.1 26.2 78.5



#60
Dibromochloromethane
Concen: 49.826 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 129 Resp: 188182
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4

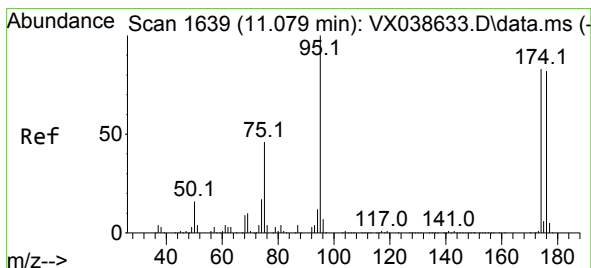
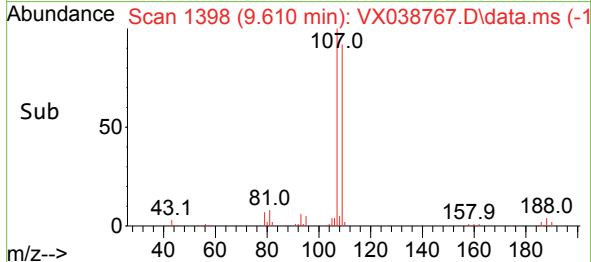
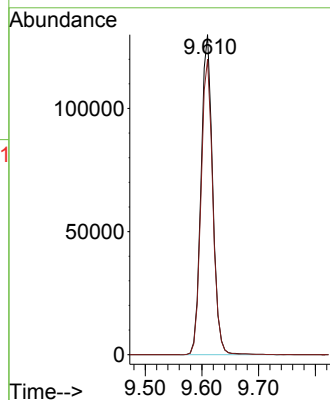
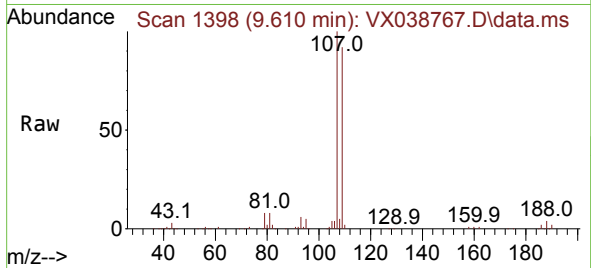




#61
1,2-Dibromoethane
Concen: 48.825 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

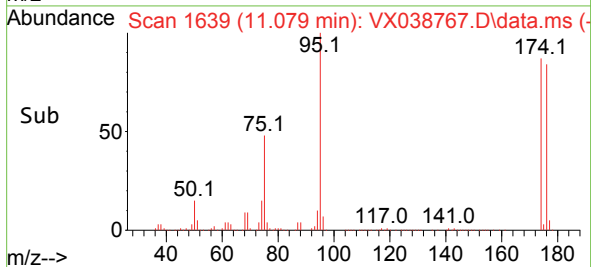
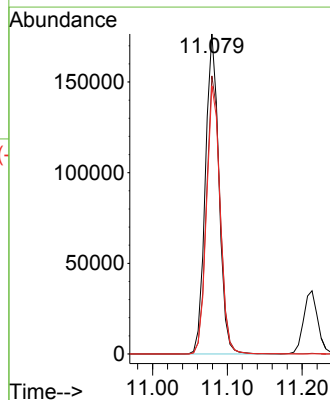
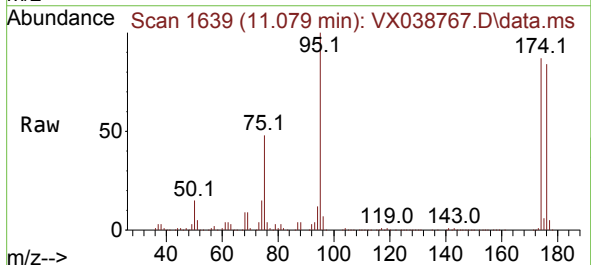
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

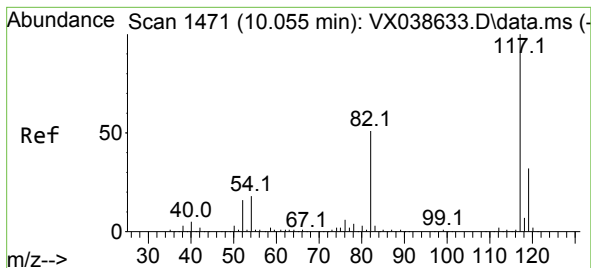
Tgt Ion:107 Resp: 184617
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 47.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 95 Resp: 221876
Ion Ratio Lower Upper
95 100
174 87.8 0.0 135.6
176 84.4 0.0 131.0

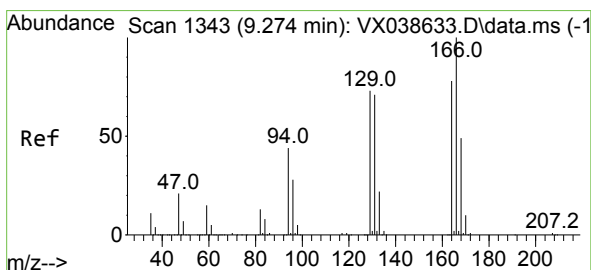
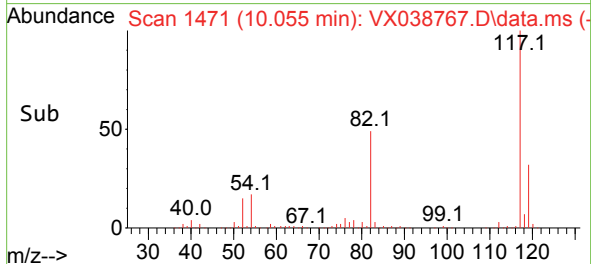
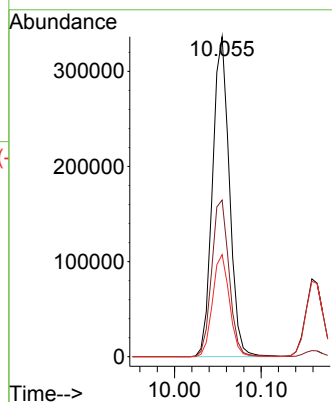
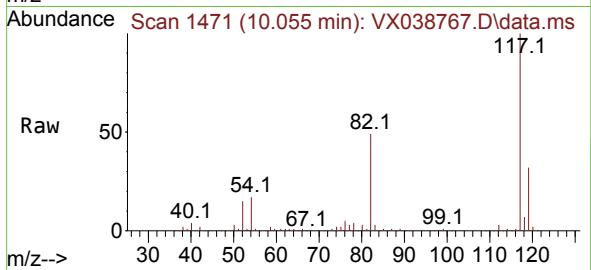




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

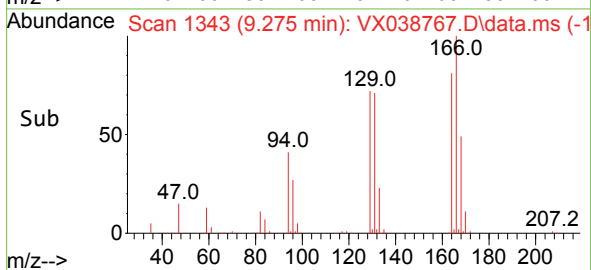
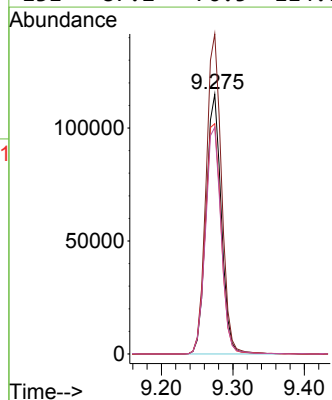
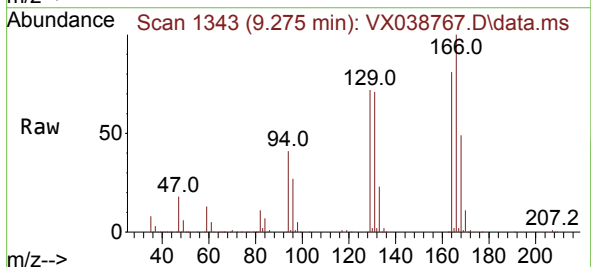
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

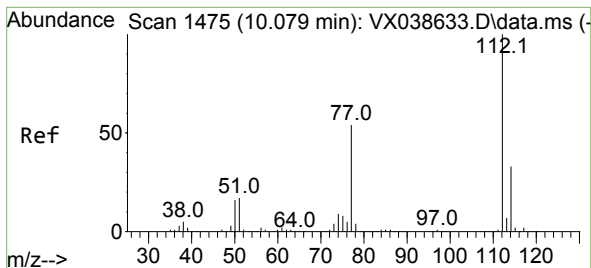
Tgt Ion:117 Resp: 455455
Ion Ratio Lower Upper
117 100
82 49.0 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 49.823 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion:164 Resp: 169858
Ion Ratio Lower Upper
164 100
166 123.2 102.7 154.1
129 88.7 80.4 120.6
131 87.2 76.5 114.7

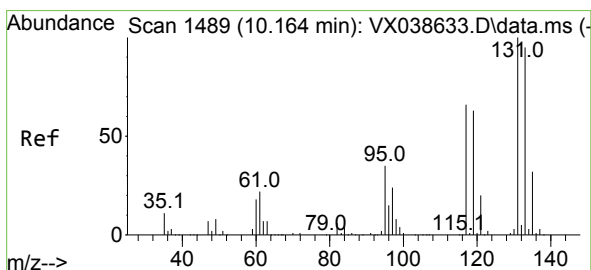
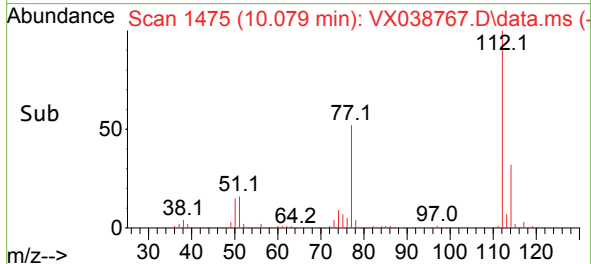
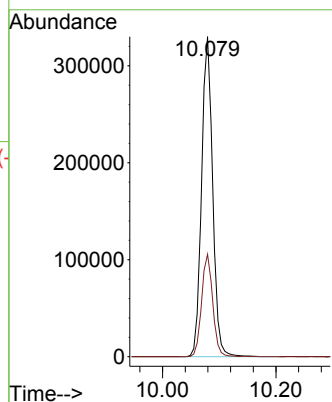
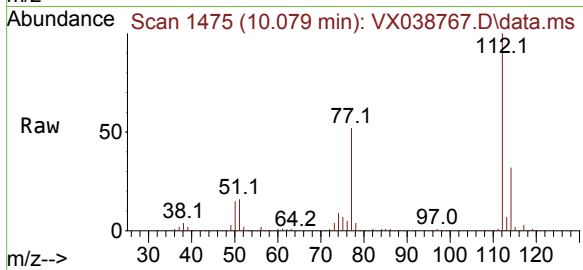




#65
Chlorobenzene
Concen: 48.241 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

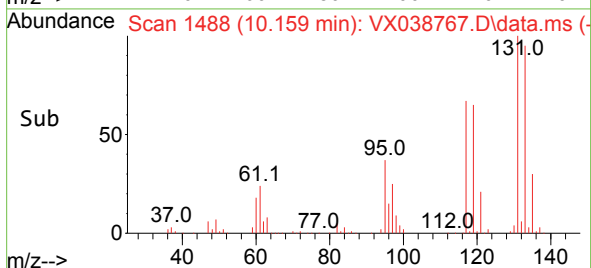
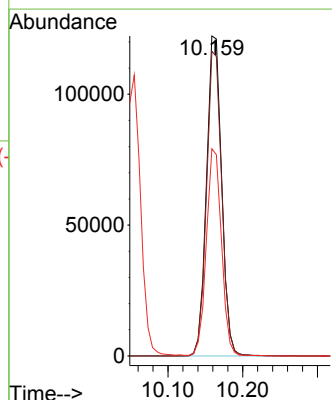
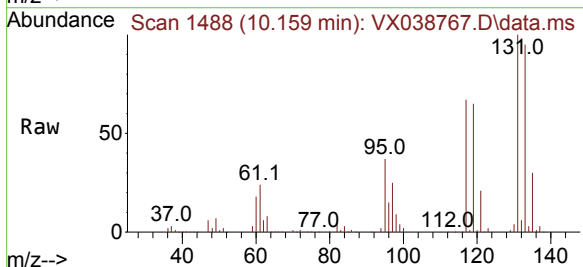
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

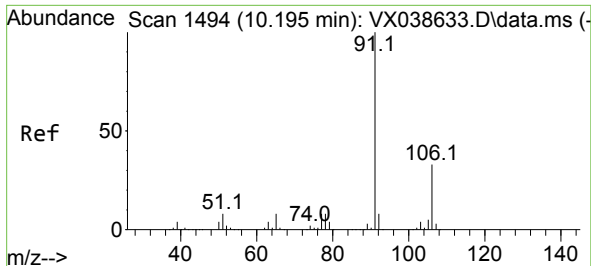
Tgt Ion:112 Resp: 447269
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.436 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion:131 Resp: 172306
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 64.7 32.2 96.6

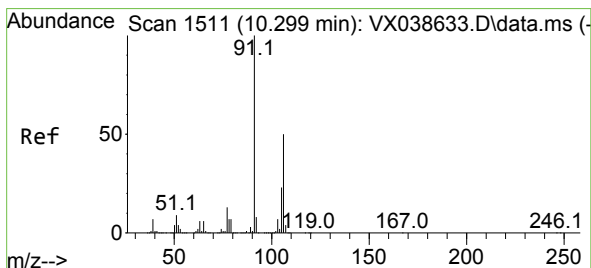
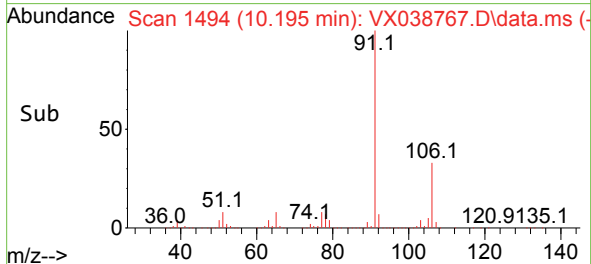
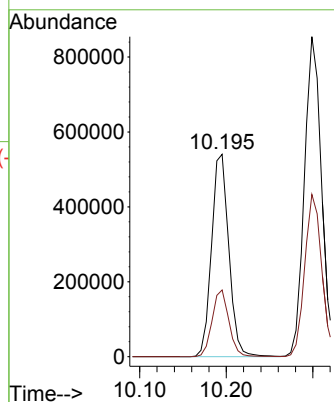
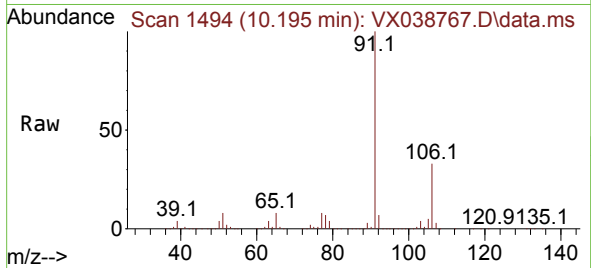




#67
Ethyl Benzene
Concen: 47.762 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

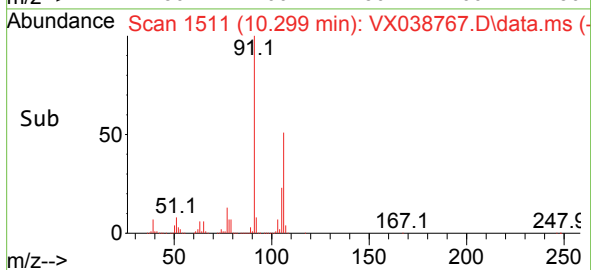
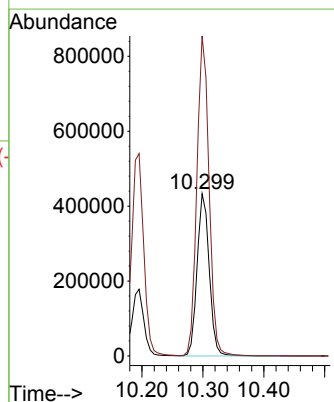
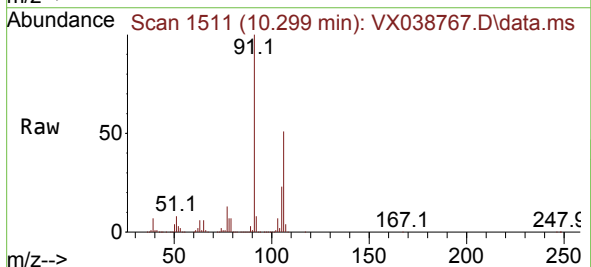
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

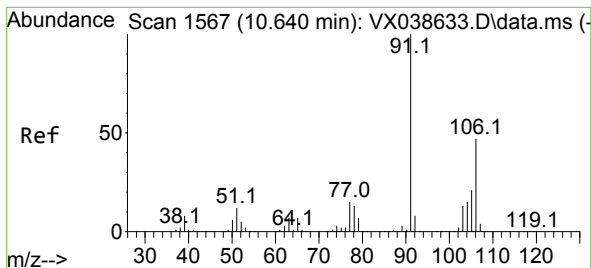
Tgt Ion: 91 Resp: 749058
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3



#68
m/p-Xylenes
Concen: 95.905 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 106 Resp: 596952
Ion Ratio Lower Upper
106 100
91 198.1 165.5 248.3





#69

o-Xylene

Concen: 48.445 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

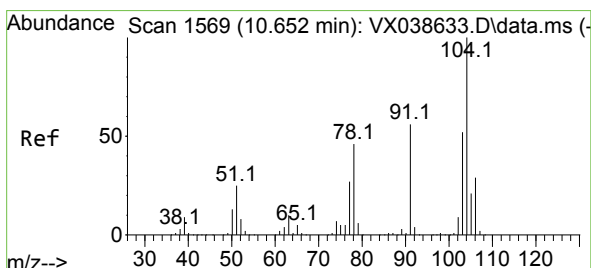
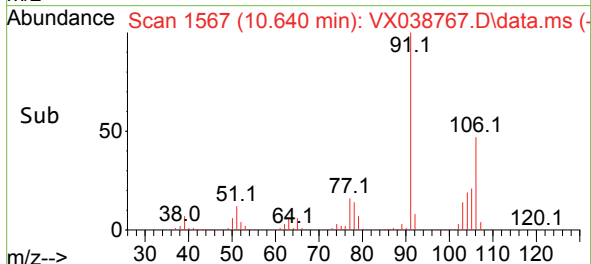
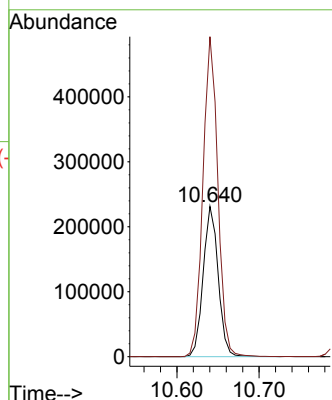
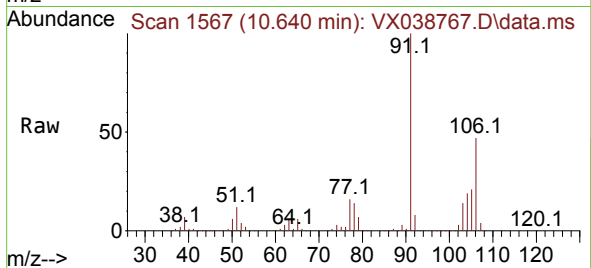
VSTDCCC050EC

Tgt Ion:106 Resp: 293240

Ion Ratio Lower Upper

106 100

91 211.3 108.9 326.8



#70

Styrene

Concen: 49.579 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

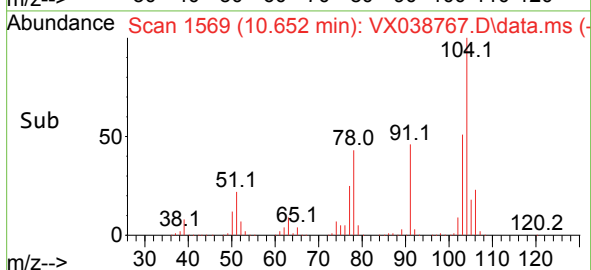
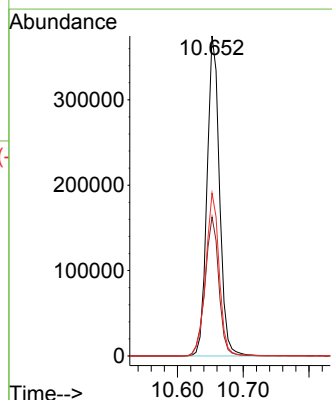
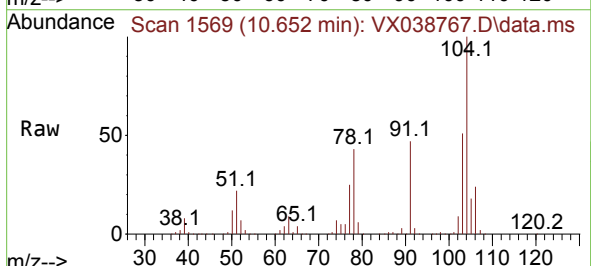
Tgt Ion:104 Resp: 495289

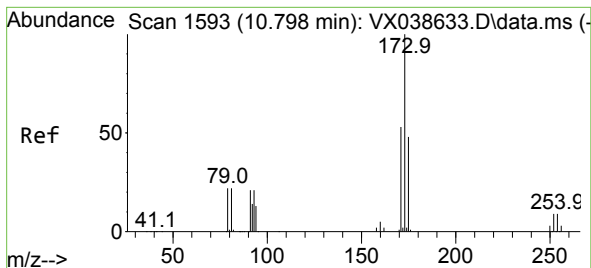
Ion Ratio Lower Upper

104 100

78 47.9 43.6 65.4

103 54.9 43.6 65.4





#71

Bromoform

Concen: 49.725 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

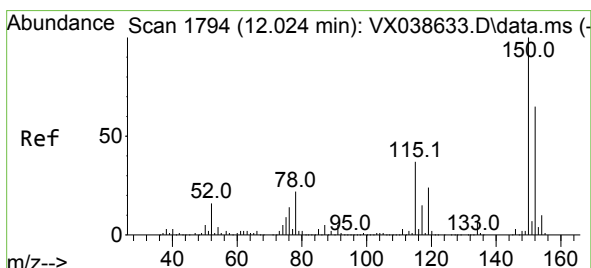
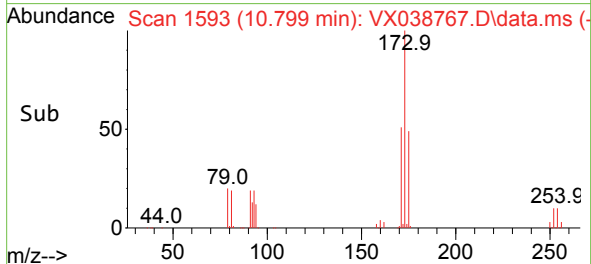
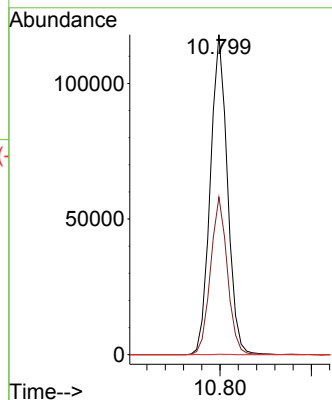
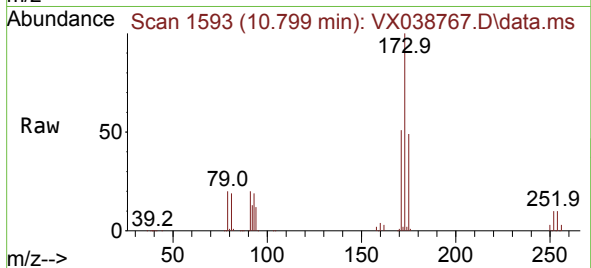
Tgt Ion:173 Resp: 152972

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

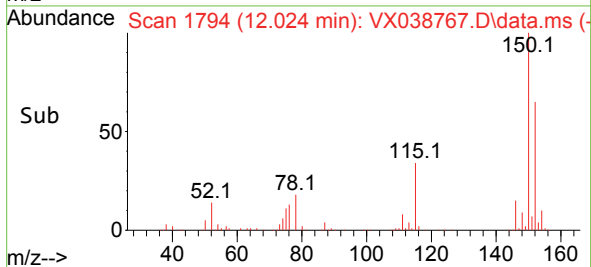
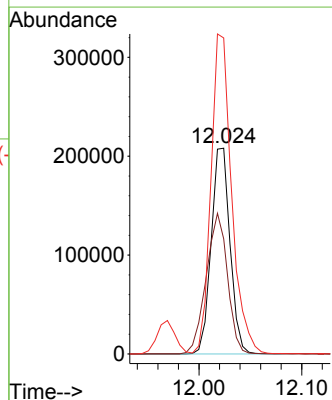
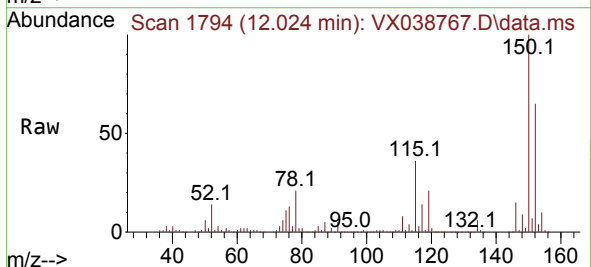
Tgt Ion:152 Resp: 265480

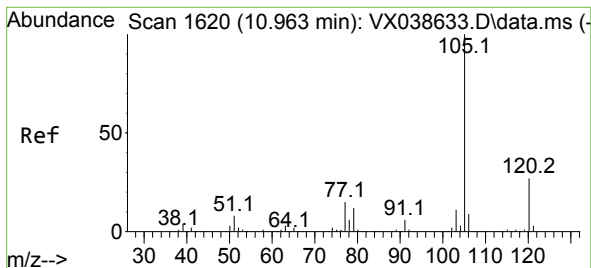
Ion Ratio Lower Upper

152 100

115 77.6 43.3 129.9

150 170.6 0.0 345.0





#73

Isopropylbenzene

Concen: 47.471 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

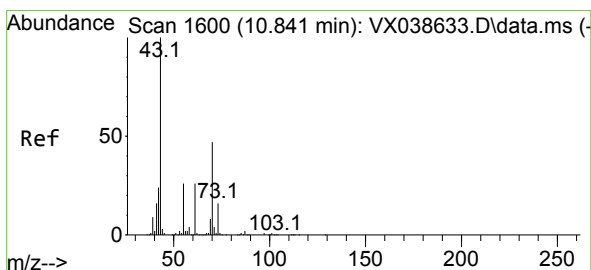
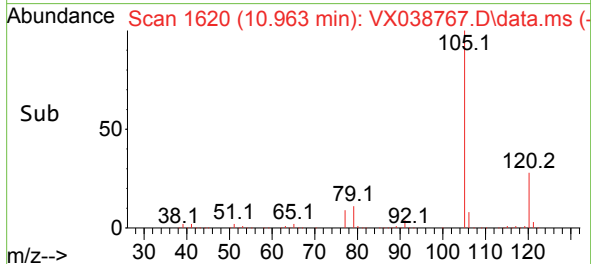
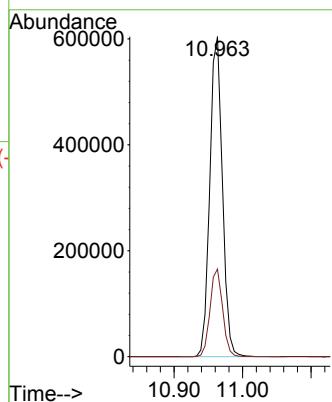
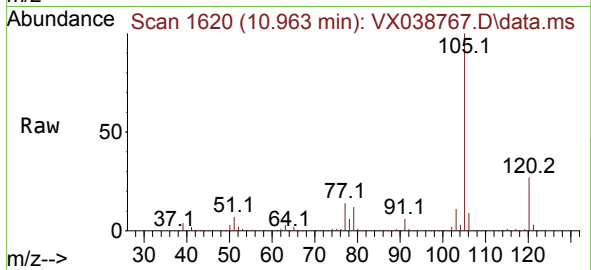
VSTDCCC050EC

Tgt Ion:105 Resp: 773169

Ion Ratio Lower Upper

105 100

120 27.4 12.9 38.6



#74

N-ethyl acetate

Concen: 45.156 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Tgt Ion: 43 Resp: 255539

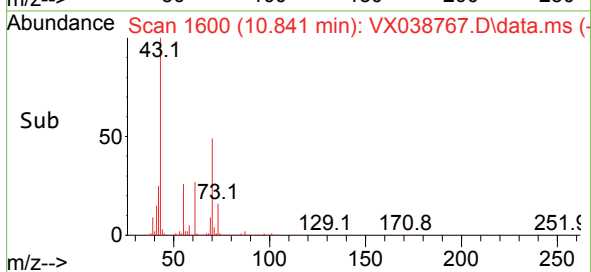
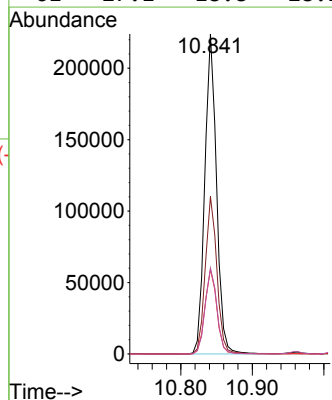
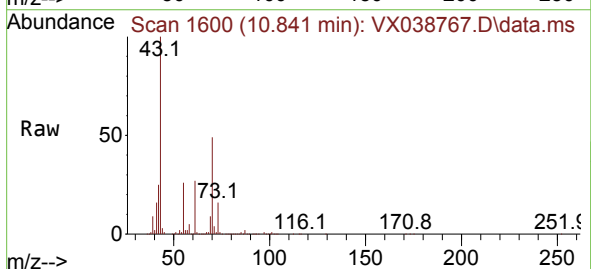
Ion Ratio Lower Upper

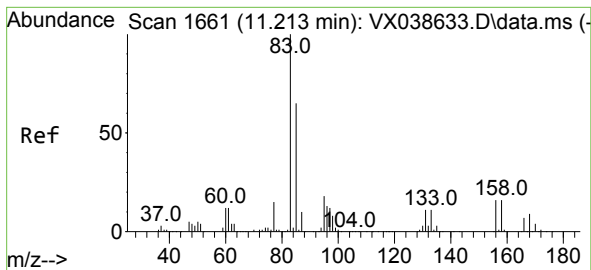
43 100

70 49.2 32.9 49.3

55 27.1 19.3 28.9

61 27.1 18.8 28.2

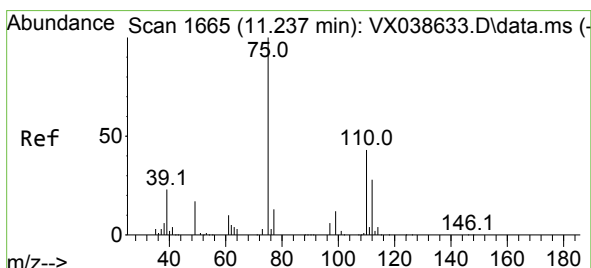
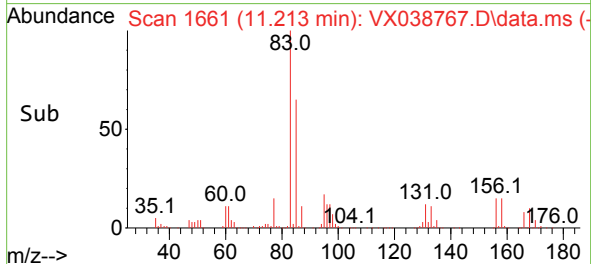
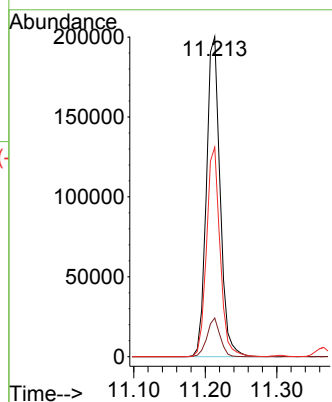
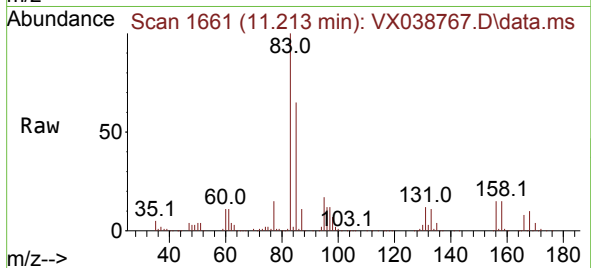




#75
1,1,2,2-Tetrachloroethane
Concen: 47.191 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

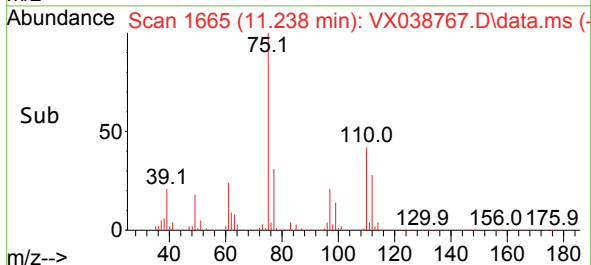
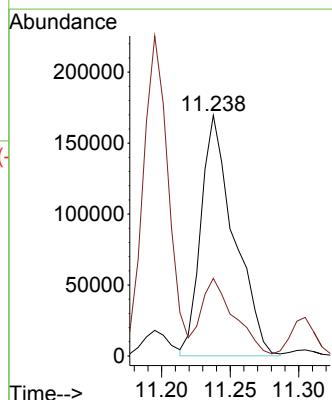
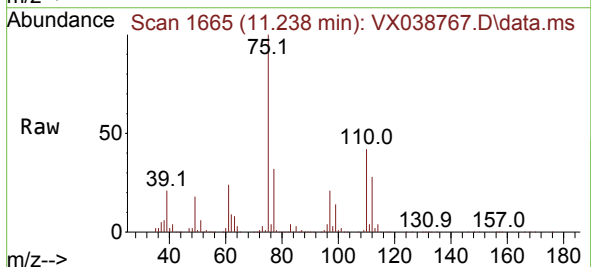
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

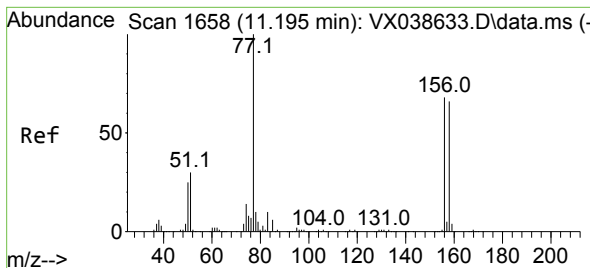
Tgt Ion: 83 Resp: 265714
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 64.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 54.297 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 75 Resp: 285484
Ion Ratio Lower Upper
75 100
77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 47.023 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

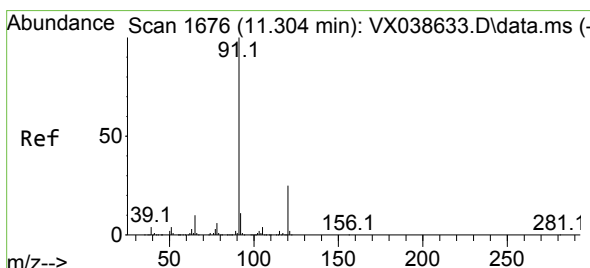
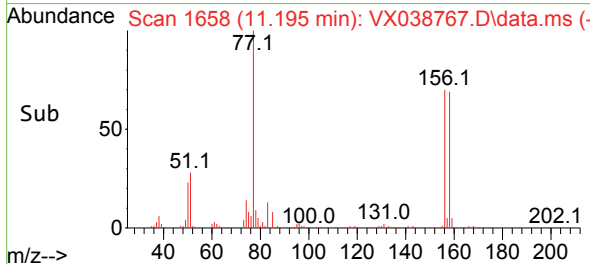
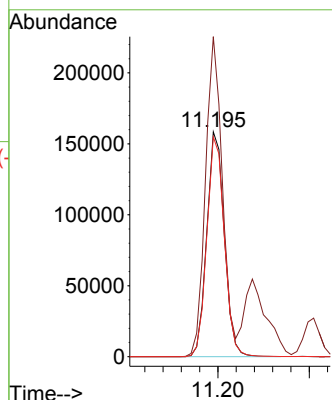
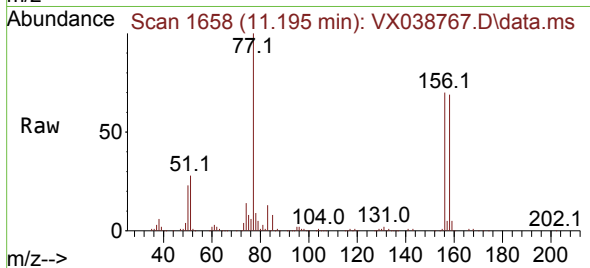
Tgt Ion:156 Resp: 210194

Ion Ratio Lower Upper

156 100

77 137.2 88.4 265.3

158 98.0 48.0 144.0



#78

n-propylbenzene

Concen: 46.543 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038767.D

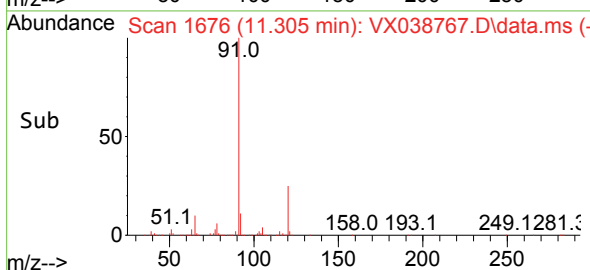
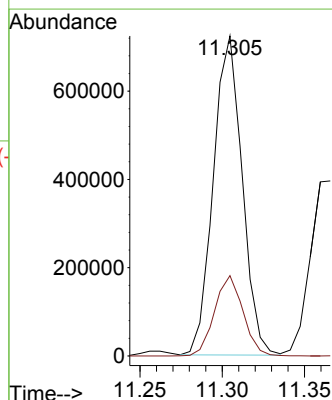
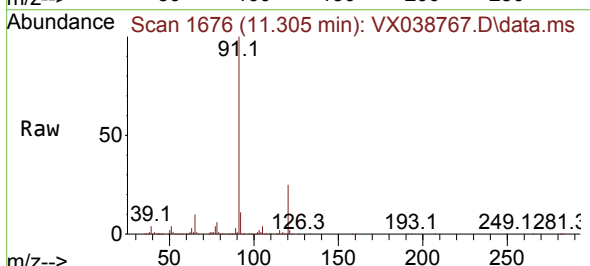
Acq: 11 Nov 2023 08:12

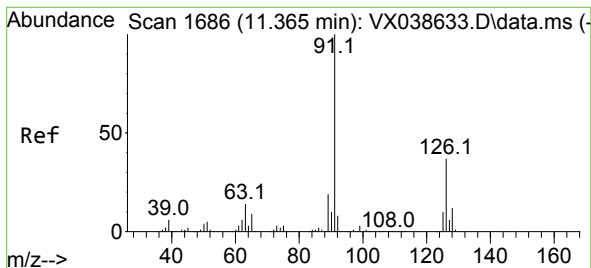
Tgt Ion: 91 Resp: 882129

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.626 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

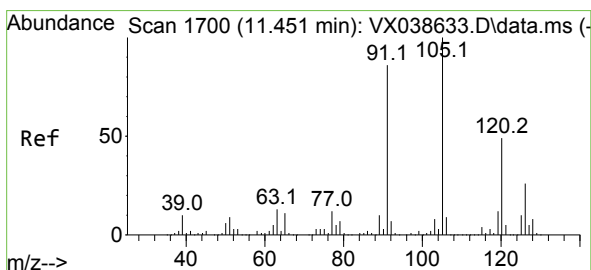
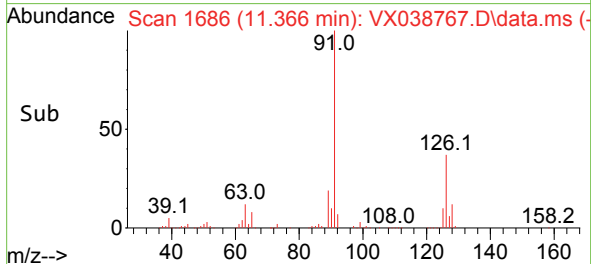
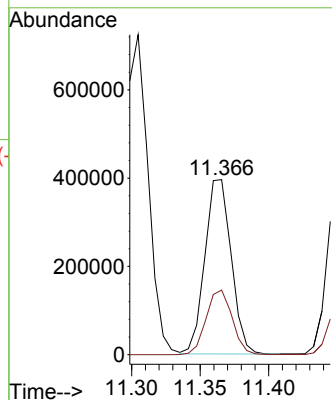
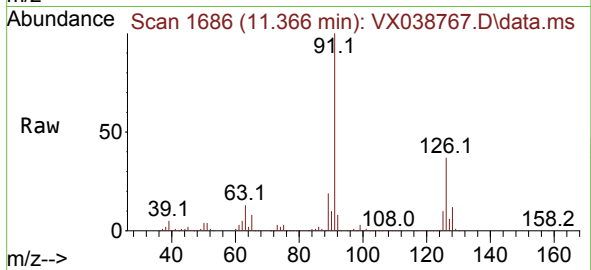
VSTDCCC050EC

Tgt Ion: 91 Resp: 529075

Ion Ratio Lower Upper

91 100

126 36.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 47.878 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038767.D

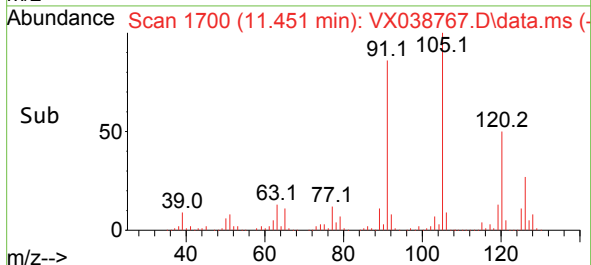
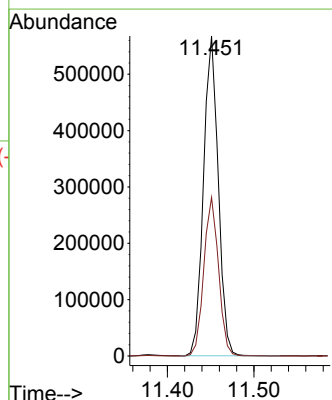
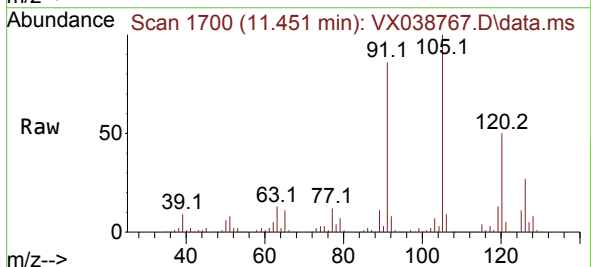
Acq: 11 Nov 2023 08:12

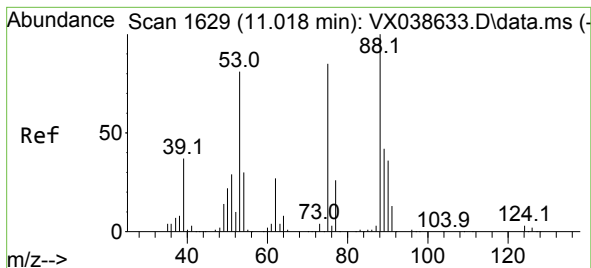
Tgt Ion:105 Resp: 671131

Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.3

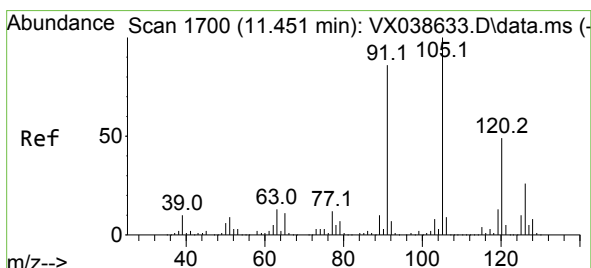
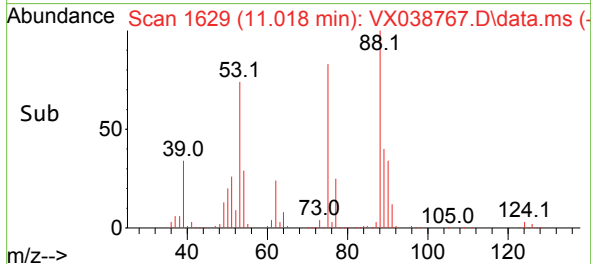
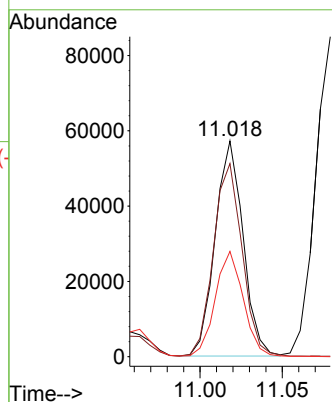
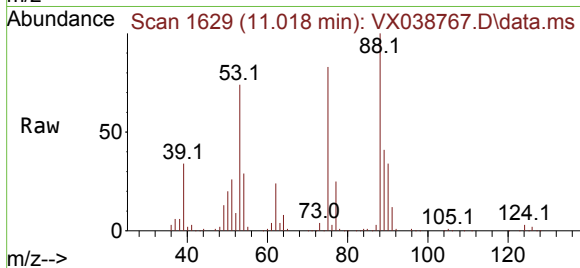




#81
trans-1,4-Dichloro-2-butene
Concen: 40.981 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

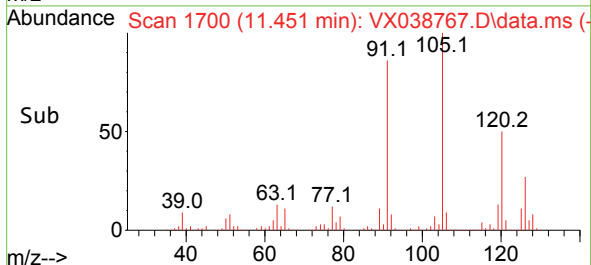
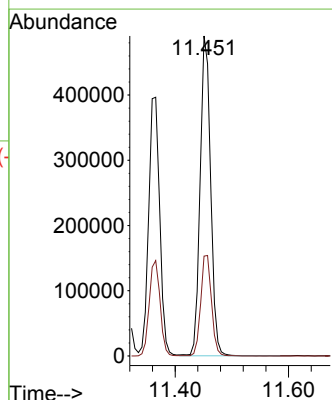
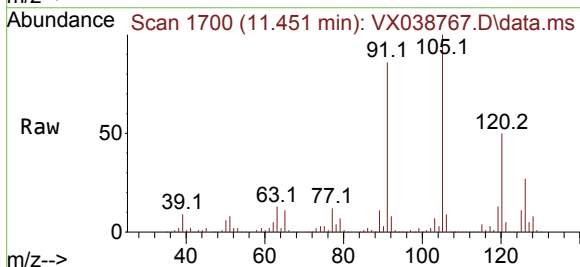
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

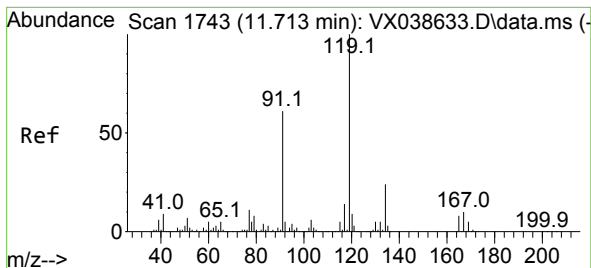
Tgt Ion: 75 Resp: 67481
Ion Ratio Lower Upper
75 100
53 92.2 90.5 135.7
89 49.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.521 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 91 Resp: 629953
Ion Ratio Lower Upper
91 100
126 32.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 47.017 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

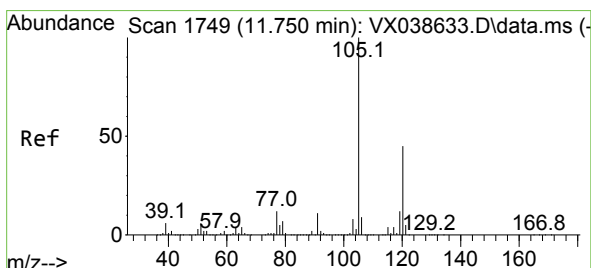
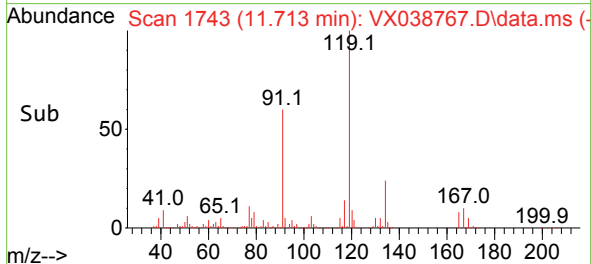
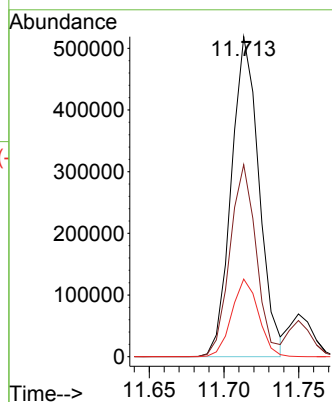
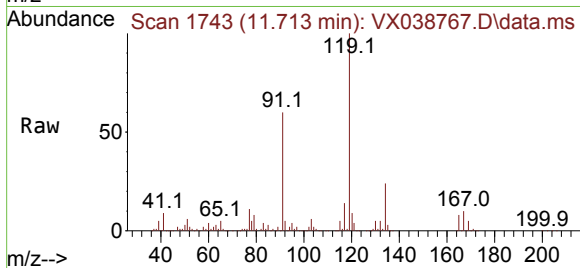
Tgt Ion:119 Resp: 667816

Ion Ratio Lower Upper

119 100

91 57.4 31.2 93.6

134 23.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 48.427 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038767.D

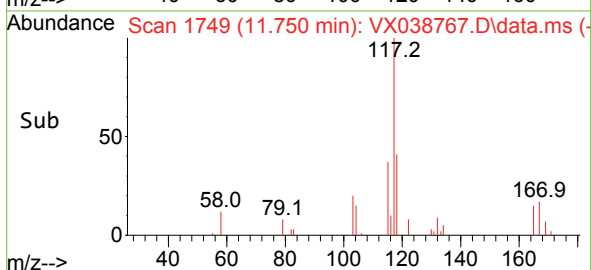
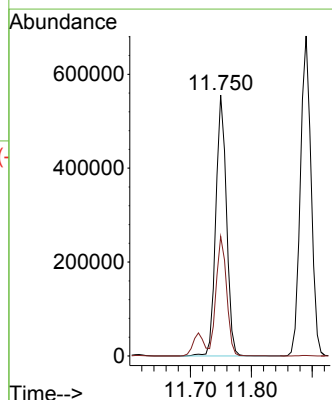
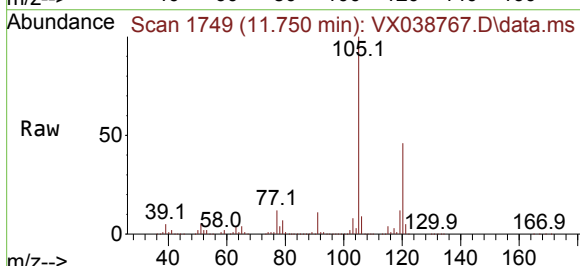
Acq: 11 Nov 2023 08:12

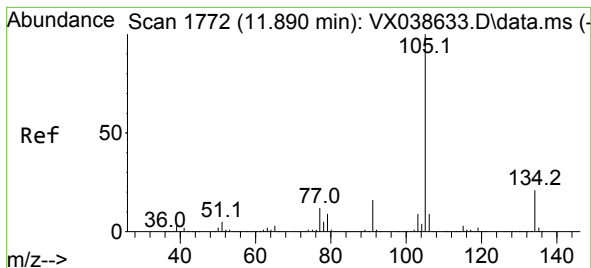
Tgt Ion:105 Resp: 673276

Ion Ratio Lower Upper

105 100

120 44.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 46.902 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

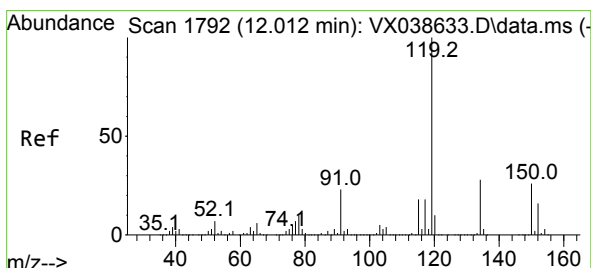
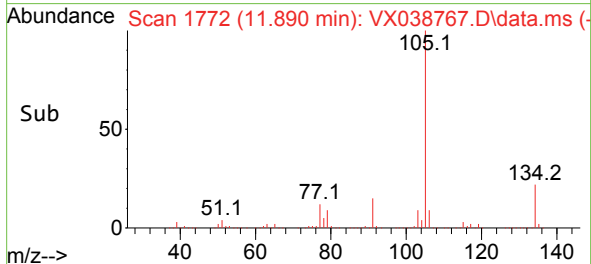
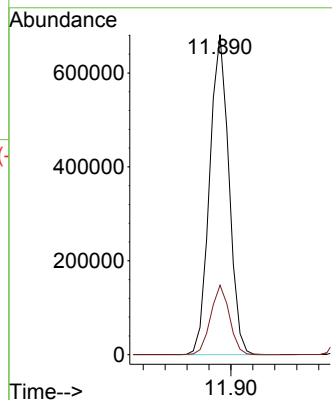
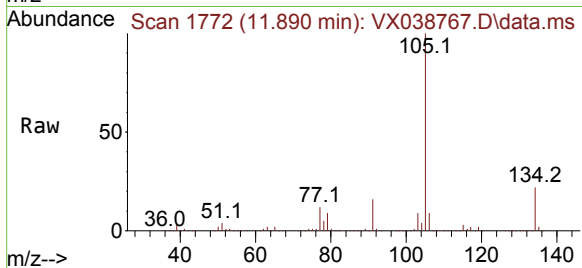
VSTDCCC050EC

Tgt Ion:105 Resp: 831247

Ion Ratio Lower Upper

105 100

134 21.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 47.706 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

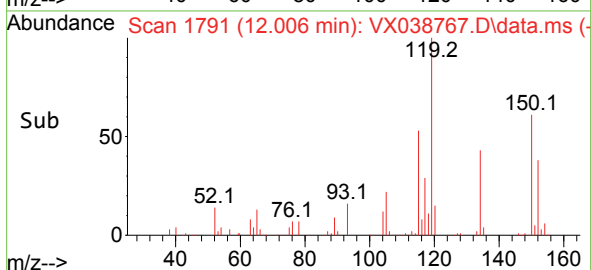
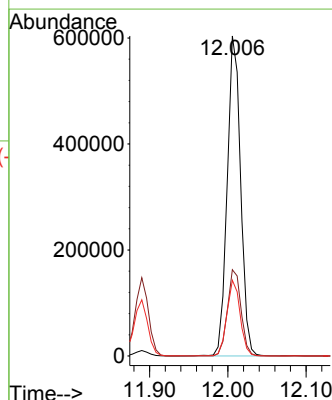
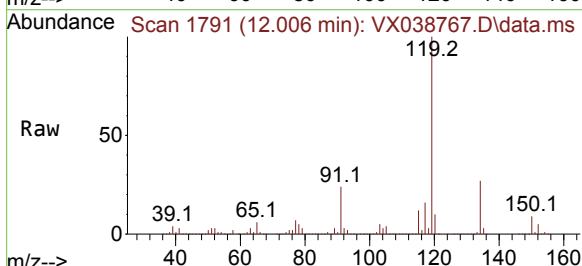
Tgt Ion:119 Resp: 720259

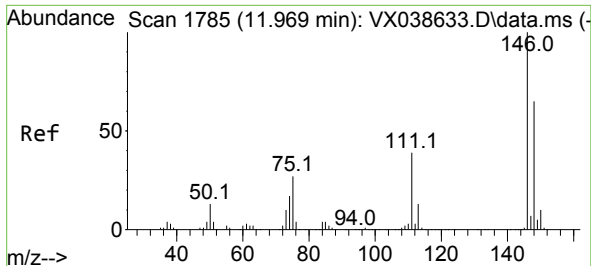
Ion Ratio Lower Upper

119 100

134 27.4 12.8 38.3

91 23.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 46.984 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

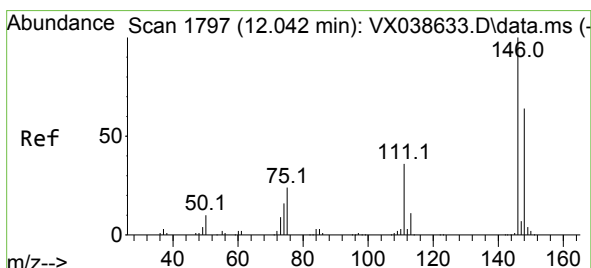
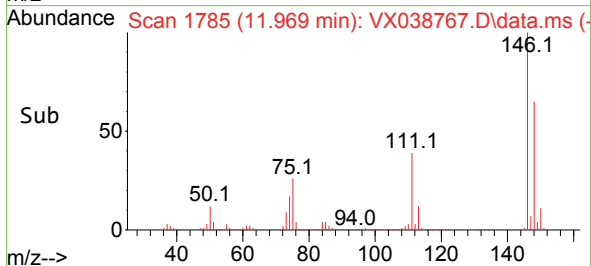
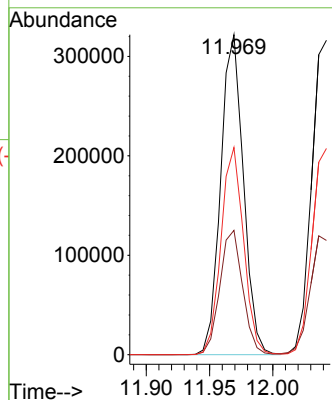
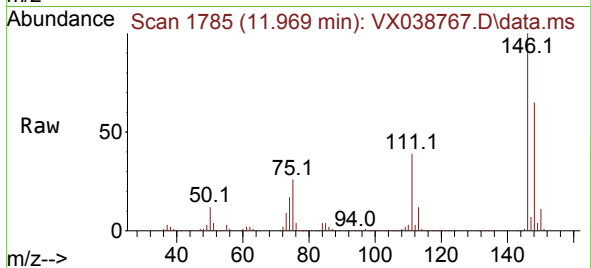
Tgt Ion:146 Resp: 401533

Ion Ratio Lower Upper

146 100

111 39.2 22.1 66.1

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.363 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

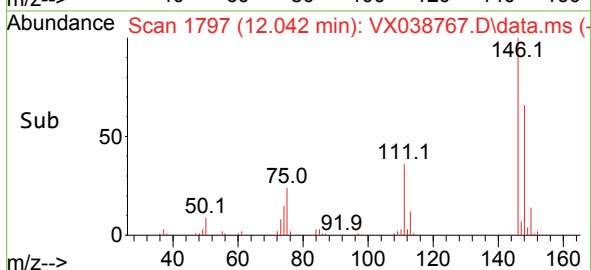
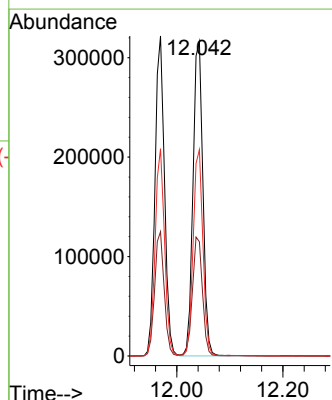
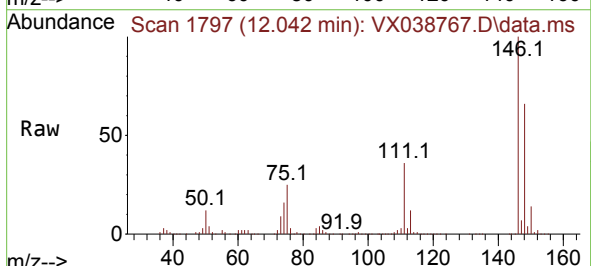
Tgt Ion:146 Resp: 407263

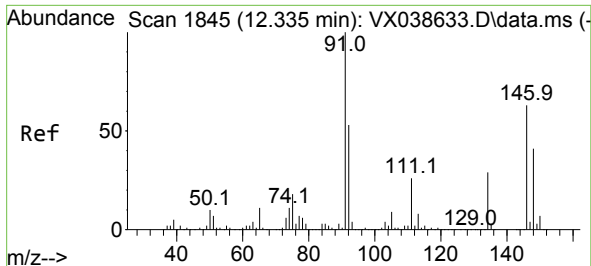
Ion Ratio Lower Upper

146 100

111 38.4 21.3 63.7

148 64.4 31.8 95.4

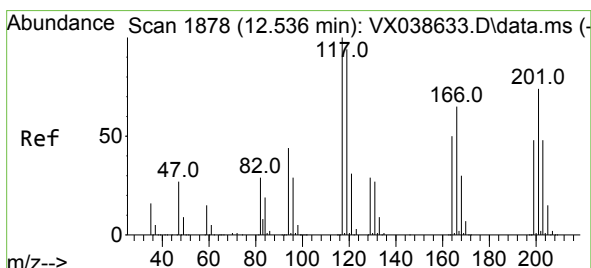
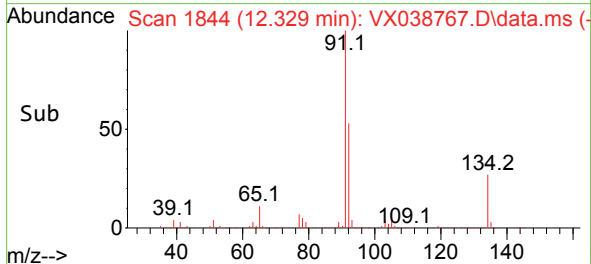
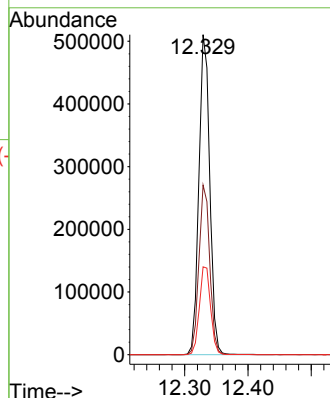
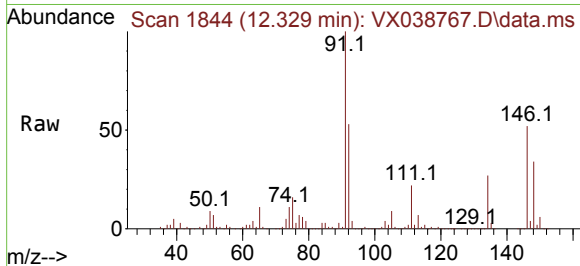




#89
n-Butylbenzene
Concen: 45.491 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

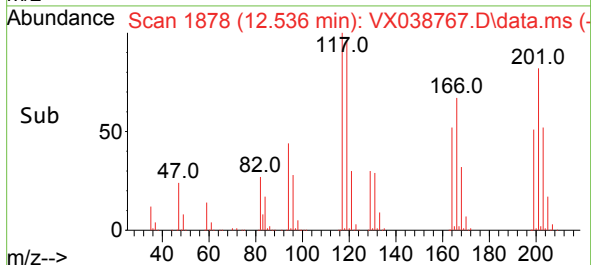
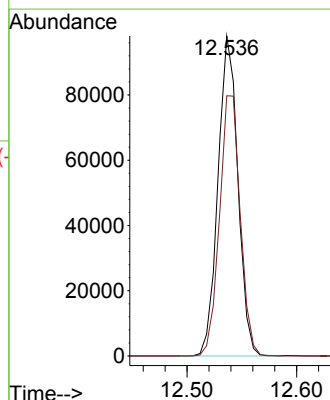
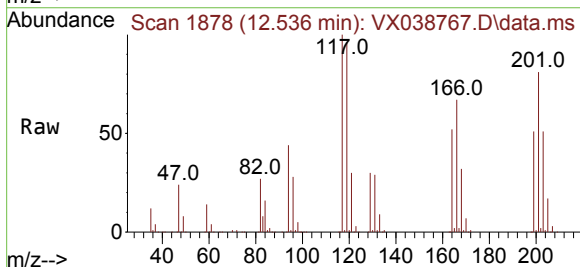
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

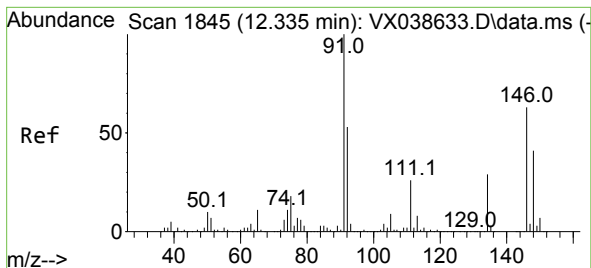
Tgt Ion: 91 Resp: 611188
Ion Ratio Lower Upper
91 100
92 53.0 27.4 82.0
134 28.4 12.6 37.8



#90
Hexachloroethane
Concen: 48.360 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038767.D
Acq: 11 Nov 2023 08:12

Tgt Ion: 117 Resp: 123674
Ion Ratio Lower Upper
117 100
201 84.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 47.400 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

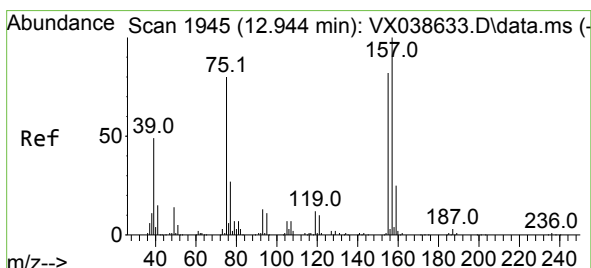
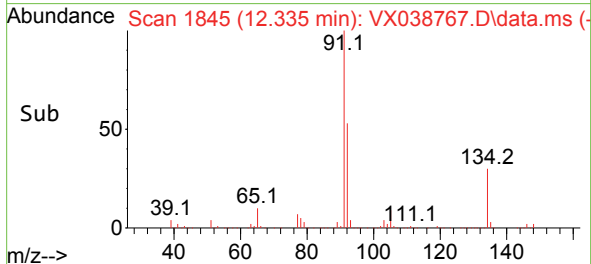
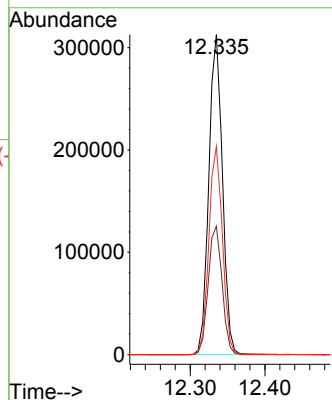
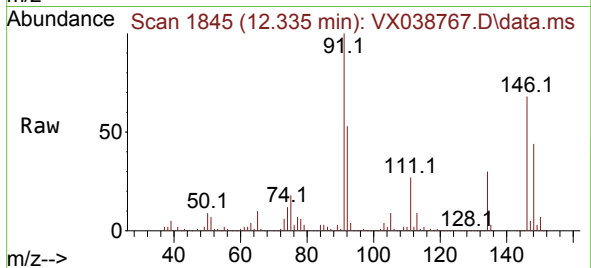
Tgt Ion:146 Resp: 395612

Ion Ratio Lower Upper

146 100

111 40.9 22.4 67.0

148 64.8 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.090 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

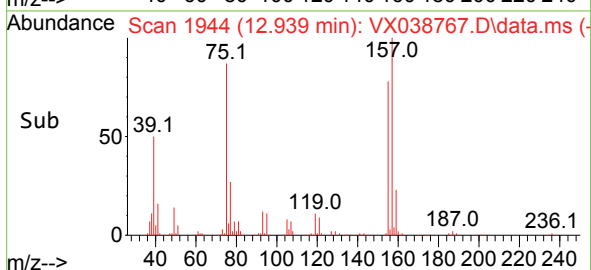
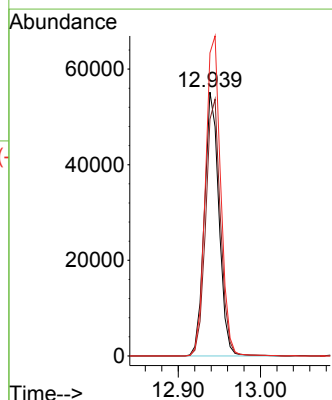
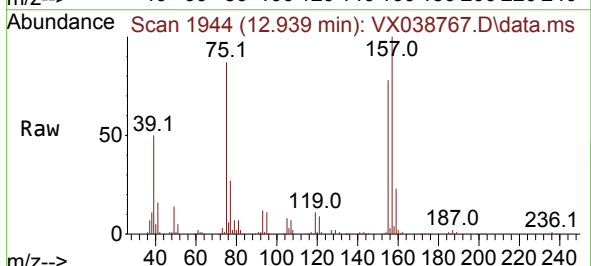
Tgt Ion: 75 Resp: 68055

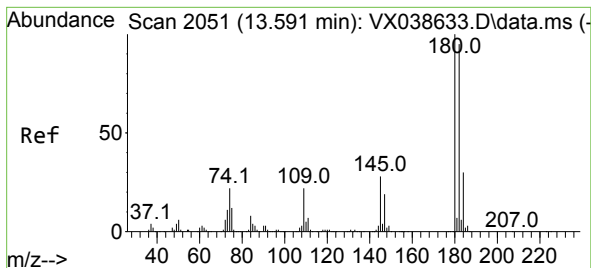
Ion Ratio Lower Upper

75 100

155 98.5 36.1 108.5

157 126.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 47.181 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

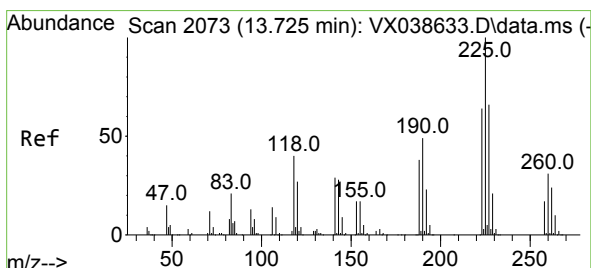
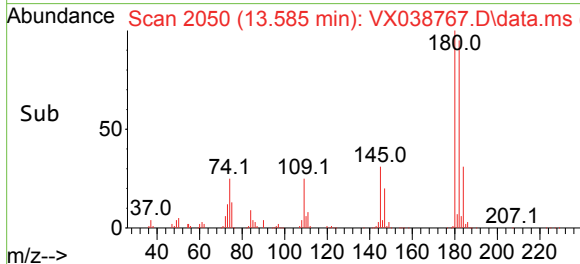
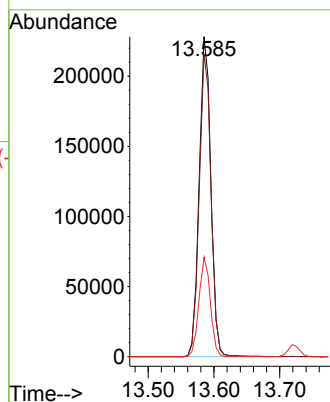
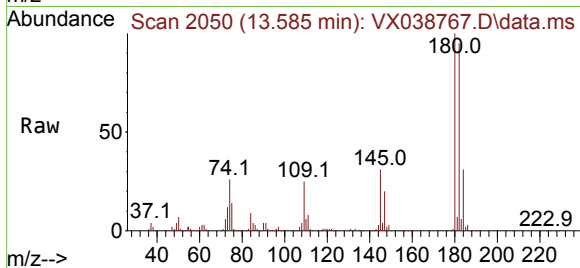
Tgt Ion:180 Resp: 281648

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

145 30.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 45.556 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

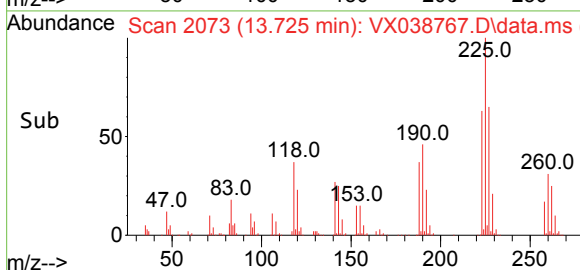
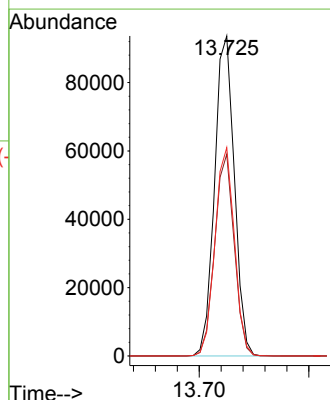
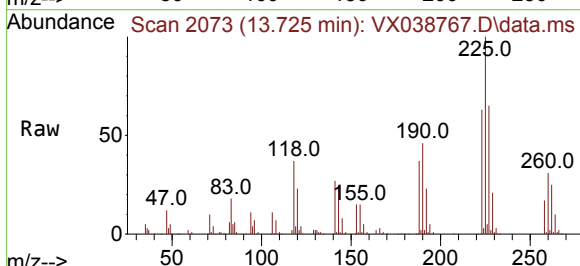
Tgt Ion:225 Resp: 117347

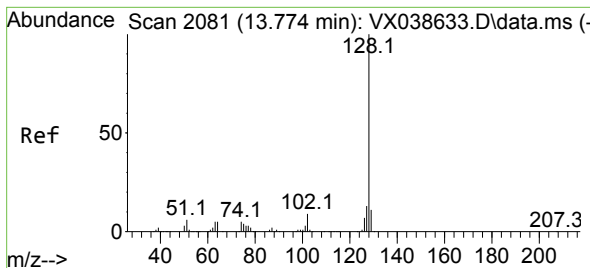
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.2

227 64.0 32.5 97.5





#95

Naphthalene

Concen: 48.918 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

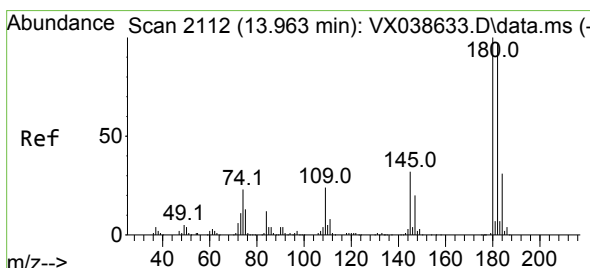
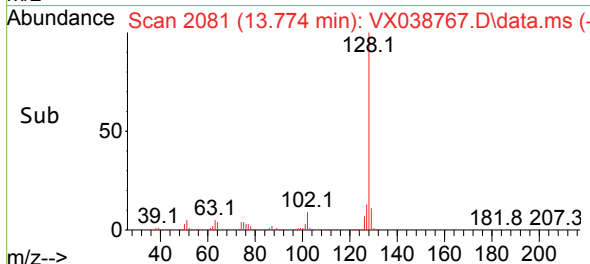
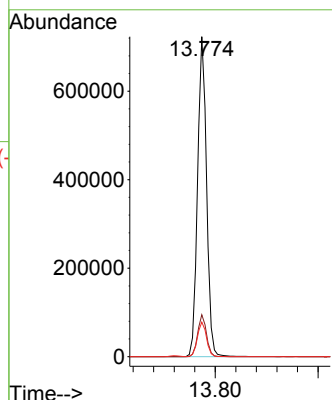
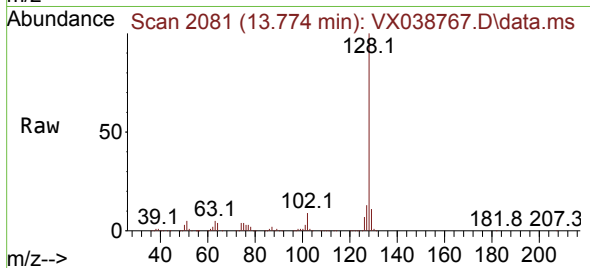
Tgt Ion:128 Resp: 880862

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.716 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038767.D

Acq: 11 Nov 2023 08:12

Tgt Ion:180 Resp: 274877

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

145 32.8 17.8 53.5

