

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037309.D
 Acq On : 28 Aug 2023 23:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 03:06:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	123870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91218	45.150	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.300%
35) Dibromofluoromethane	5.385	113	78341	48.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.520%
50) Toluene-d8	8.647	98	277844	47.674	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.340%
62) 4-Bromofluorobenzene	11.079	95	116565	50.894	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.780%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	90571	55.638	ug/l	98
3) Chloromethane	1.300	50	85510	60.043	ug/l	96
4) Vinyl Chloride	1.374	62	86201	55.608	ug/l	99
5) Bromomethane	1.599	94	49125	63.620	ug/l	98
6) Chloroethane	1.678	64	46482	50.955	ug/l	98
7) Trichlorofluoromethane	1.880	101	134020	52.778	ug/l	99
8) Diethyl Ether	2.136	74	52790	53.734	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	76744	51.806	ug/l	97
10) Methyl Iodide	2.447	142	97236	54.007	ug/l	95
11) Tert butyl alcohol	2.965	59	111160	234.553	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	73531	50.972	ug/l	87
13) Acrolein	2.233	56	69789	193.572	ug/l	98
14) Allyl chloride	2.660	41	110215	49.361	ug/l #	90
15) Acrylonitrile	3.062	53	222610	263.167	ug/l	99
16) Acetone	2.380	43	184428	233.344	ug/l	91
17) Carbon Disulfide	2.508	76	179702	48.973	ug/l	100
18) Methyl Acetate	2.703	43	146718	49.302	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	278134	50.837	ug/l	97
20) Methylene Chloride	2.788	84	90767	51.353	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	83225	50.751	ug/l	87
22) Diisopropyl ether	3.757	45	235057	51.302	ug/l #	91
23) Vinyl Acetate	3.721	43	887746	252.837	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	147783	51.434	ug/l	97
25) 2-Butanone	4.556	43	290539	244.138	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	94748	36.924	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	99481	51.458	ug/l	86
28) Bromochloromethane	4.897	49	64455	50.217	ug/l #	76
29) Tetrahydrofuran	5.001	42	186582	245.846	ug/l #	83
30) Chloroform	5.093	83	164506	51.003	ug/l	98
31) Cyclohexane	5.464	56	120410	53.005	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	145025	50.176	ug/l	96
36) 1,1-Dichloropropene	5.690	75	114875	50.325	ug/l	98
37) Ethyl Acetate	4.715	43	112136	48.091	ug/l #	92
38) Carbon Tetrachloride	5.672	117	126064	50.840	ug/l	97
39) Methylcyclohexane	7.379	83	141746	59.104	ug/l	90
40) Benzene	6.037	78	348426	53.222	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	61467	50.708	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	127940	49.834	ug/l	93
43) Isopropyl Acetate	6.336	43	181499	49.028	ug/l #	90
44) Trichloroethene	7.123	130	92578	49.871	ug/l	98
45) 1,2-Dichloropropane	7.427	63	86327	53.479	ug/l	99
46) Dibromomethane	7.580	93	66353	52.179	ug/l	94
47) Bromodichloromethane	7.824	83	128663	52.824	ug/l	98
48) Methyl methacrylate	7.690	41	90200	49.962	ug/l #	83
49) 1,4-Dioxane	7.659	88	53819	1106.899	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	580831	258.386	ug/l	90
52) Toluene	8.720	92	229582	53.076	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	131520	50.713	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	142051	50.686	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	95603	54.279	ug/l	98
56) Ethyl methacrylate	9.116	69	149103	54.045	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	158076	53.239	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	347296	262.315	ug/l	92
59) 2-Hexanone	9.427	43	447476	261.074	ug/l	87
60) Dibromochloromethane	9.519	129	103288	55.079	ug/l	99
61) 1,2-Dibromoethane	9.610	107	104945	54.420	ug/l	100
64) Tetrachloroethene	9.275	164	76840	45.963	ug/l	98
65) Chlorobenzene	10.079	112	253501	52.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	93902	52.529	ug/l	98
67) Ethyl Benzene	10.195	91	443130	51.994	ug/l	99
68) m/p-Xylenes	10.299	106	351779	106.884	ug/l	97
69) o-Xylene	10.640	106	175272	53.977	ug/l	96
70) Styrene	10.652	104	293681	54.905	ug/l	97
71) Bromoform	10.799	173	75527	56.483	ug/l #	99
73) Isopropylbenzene	10.963	105	452691	50.279	ug/l	98
74) N-amyl acetate	10.841	43	168259	48.096	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	151819	50.070	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	165548	62.754	ug/l	90
77) Bromobenzene	11.195	156	109139	49.634	ug/l	92
78) n-propylbenzene	11.305	91	519961	51.864	ug/l	99
79) 2-Chlorotoluene	11.366	91	323770	50.536	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	396636	52.811	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	42277	44.761	ug/l	87
82) 4-Chlorotoluene	11.451	91	372050	50.308	ug/l	97
83) tert-Butylbenzene	11.713	119	388545	54.245	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	398863	52.548	ug/l	97
85) sec-Butylbenzene	11.890	105	481042	57.497	ug/l	98
86) p-Isopropyltoluene	12.006	119	411988	57.203	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	212430	51.601	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	213398	50.172	ug/l	99
89) n-Butylbenzene	12.329	91	344433	57.683	ug/l	99
90) Hexachloroethane	12.536	117	72161	60.029	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	210521	52.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34200	48.542	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	129550	54.923	ug/l	98
94) Hexachlorobutadiene	13.725	225	54423	59.724	ug/l	98
95) Naphthalene	13.774	128	455138	44.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	129389	55.213	ug/l	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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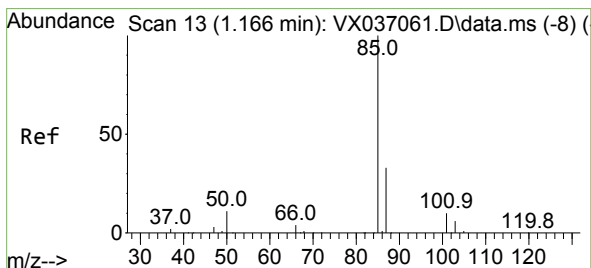
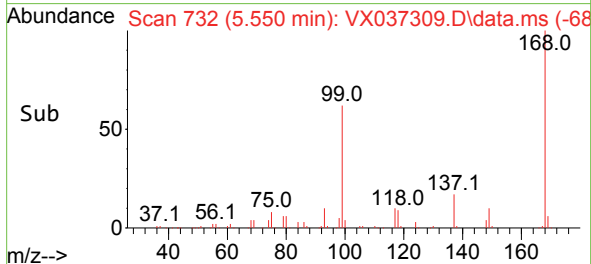
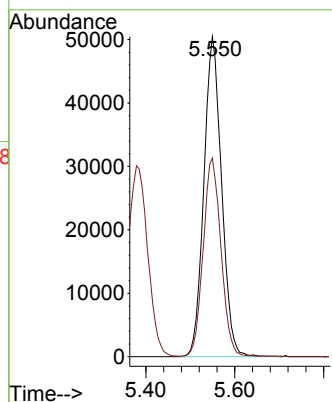
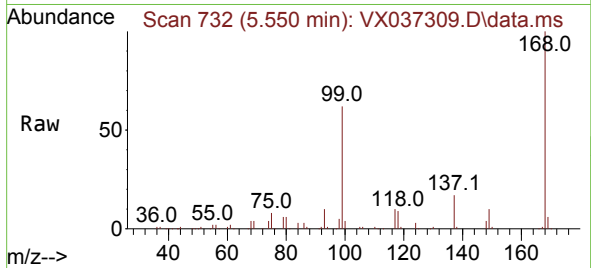
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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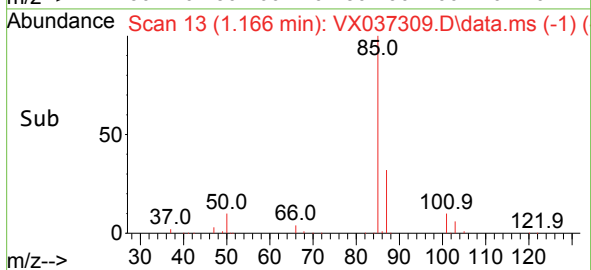
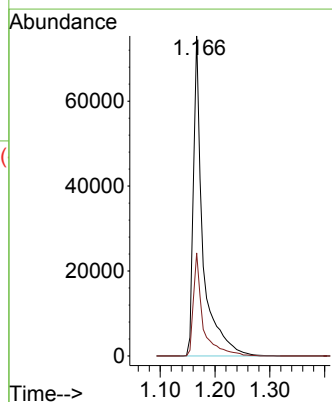
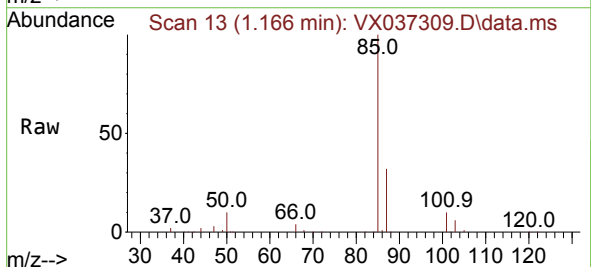
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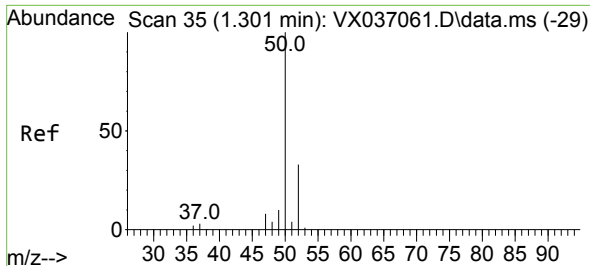
Tgt Ion:168 Resp: 140137
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 55.638 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 85 Resp: 90571
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1

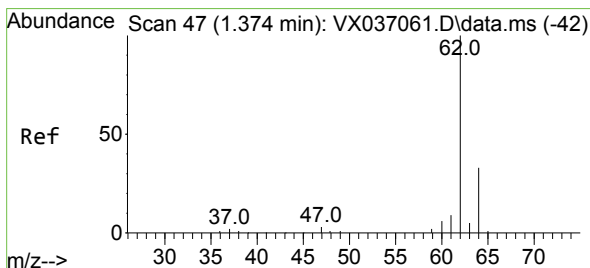
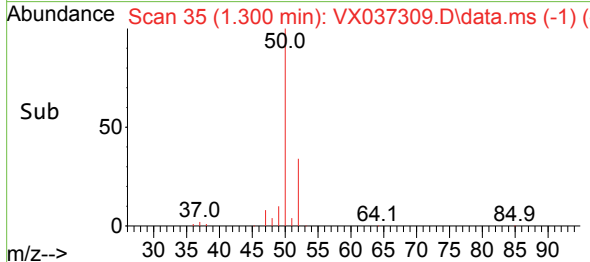
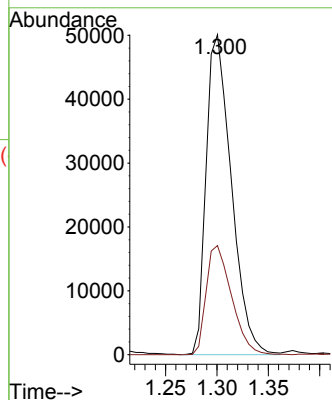
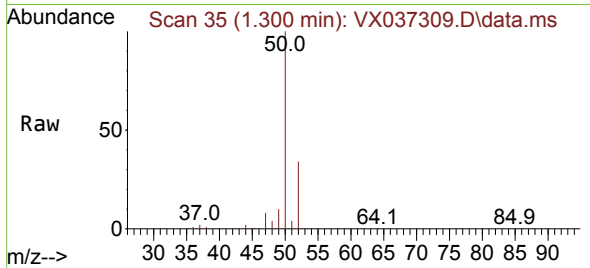




#3
Chloromethane
Concen: 60.043 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

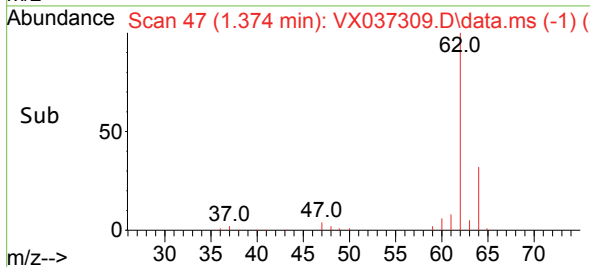
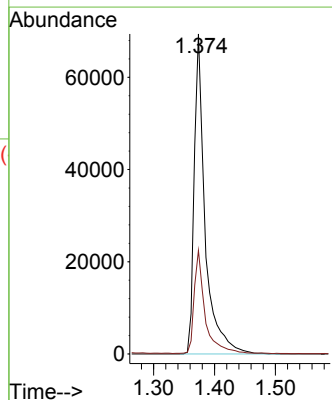
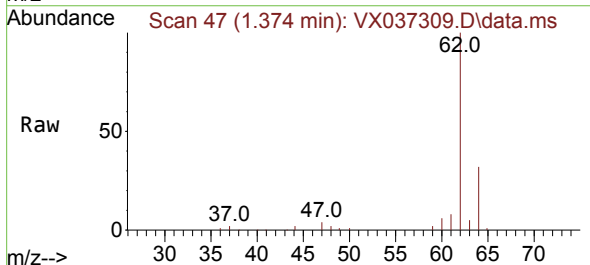
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 85510
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3



#4
Vinyl Chloride
Concen: 55.608 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 62 Resp: 86201
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

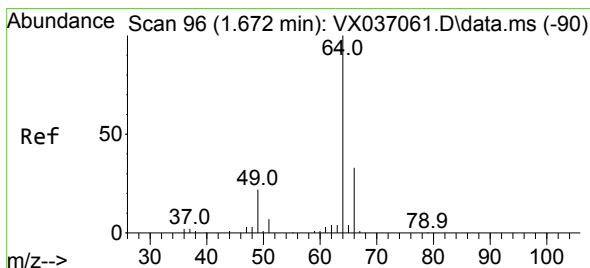
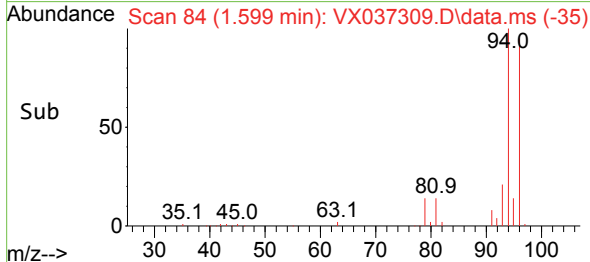
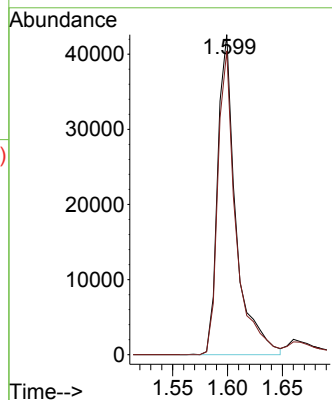
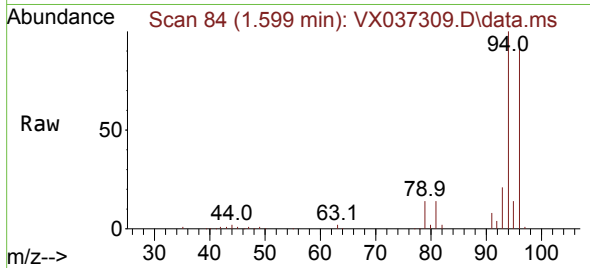




#5
Bromomethane
Concen: 63.620 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

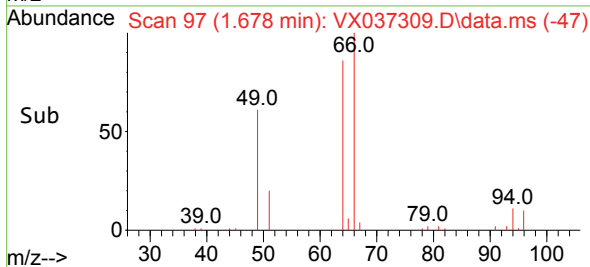
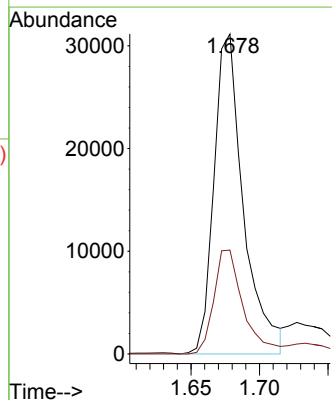
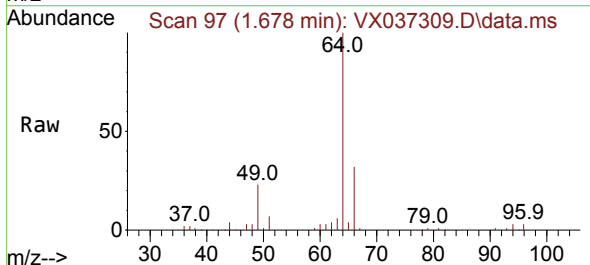
Instrument :
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ClientSampleId :
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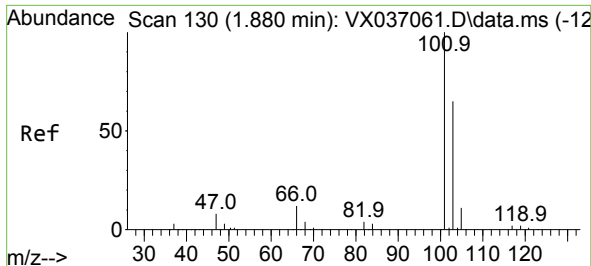
Tgt Ion: 94 Resp: 49125
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8



#6
Chloroethane
Concen: 50.955 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 64 Resp: 46482
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7

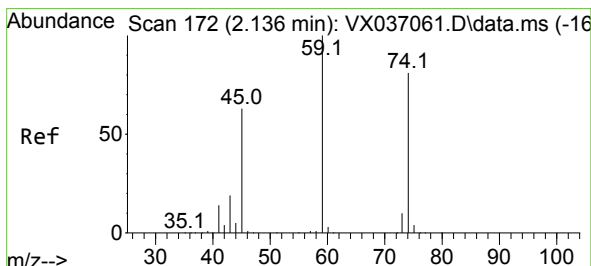
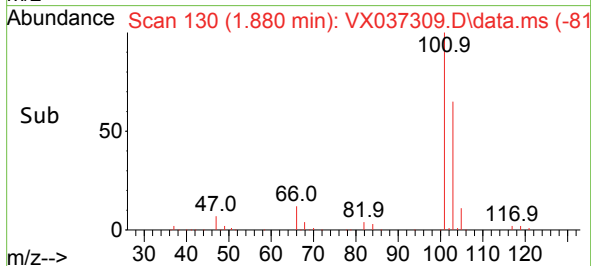
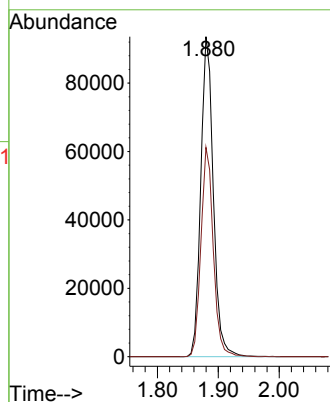
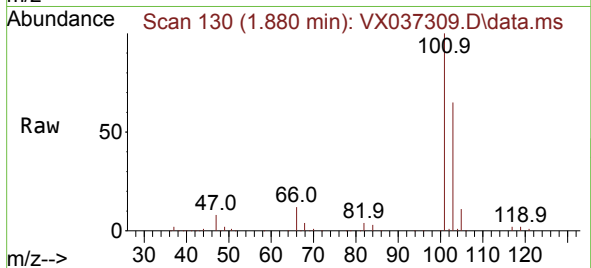




#7
 Trichlorofluoromethane
 Concen: 52.778 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.000 min
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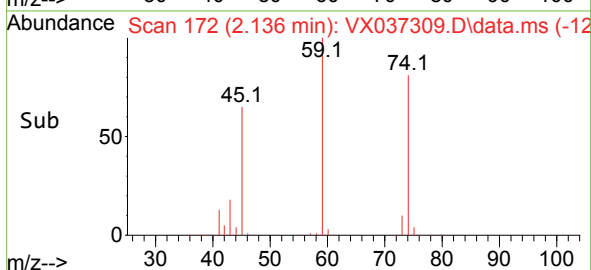
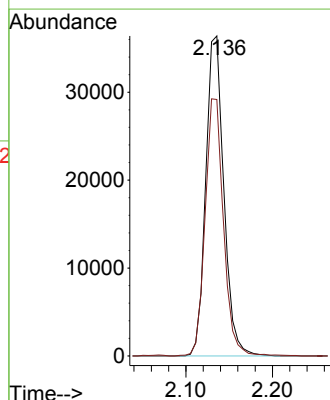
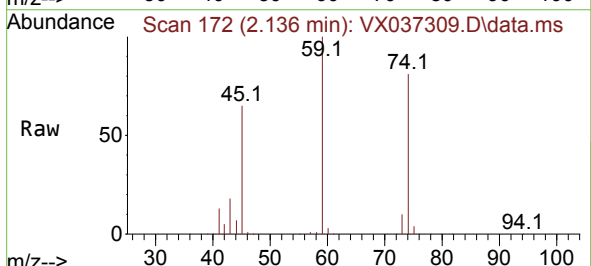
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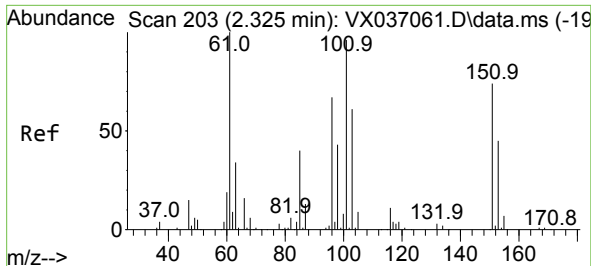
Tgt Ion:101 Resp: 134020
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2



#8
 Diethyl Ether
 Concen: 53.734 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

Tgt Ion: 74 Resp: 52790
 Ion Ratio Lower Upper
 74 100
 45 81.7 53.3 159.8

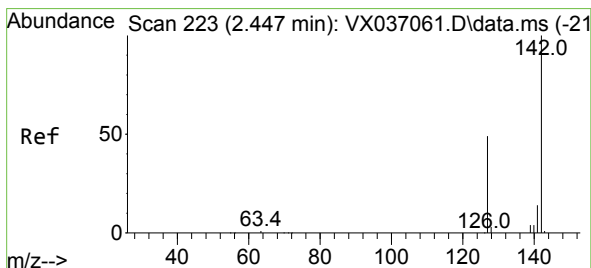
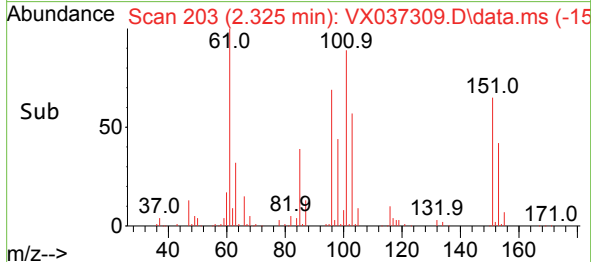
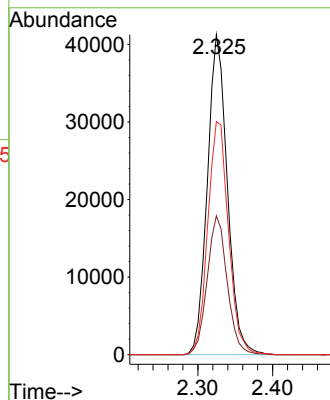
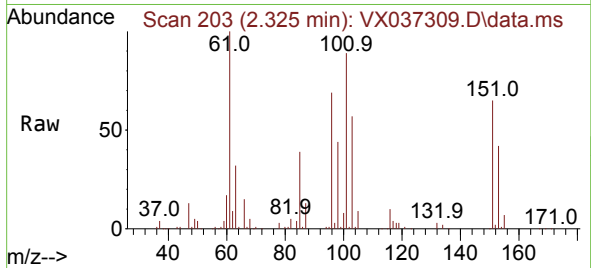




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.806 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037309.D
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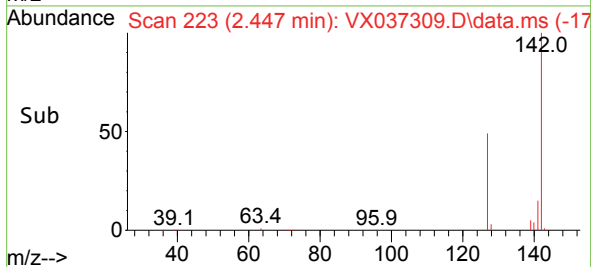
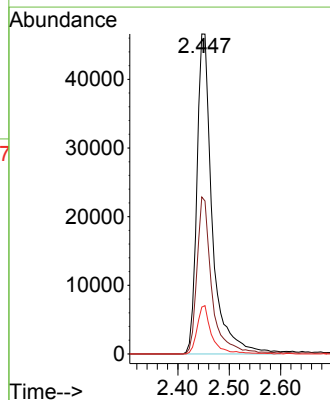
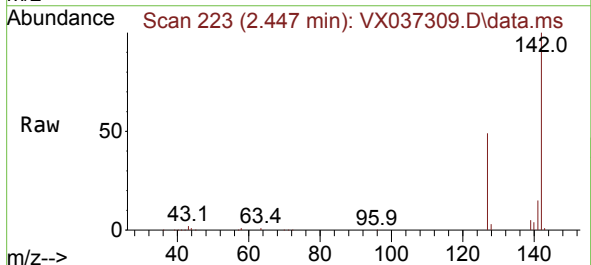
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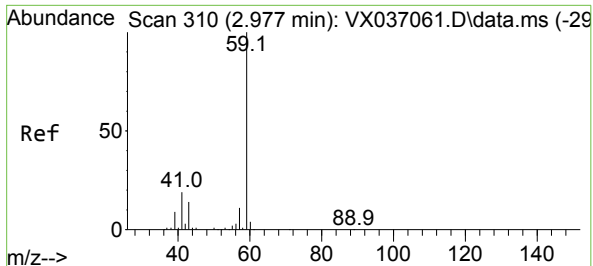
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Ion Ratio Lower Upper
101 100
85 43.5 37.0 55.6
151 75.6 58.6 87.8



#10
Methyl Iodide
Concen: 54.007 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion:142 Resp: 97236
Ion Ratio Lower Upper
142 100
127 47.5 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 234.553 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

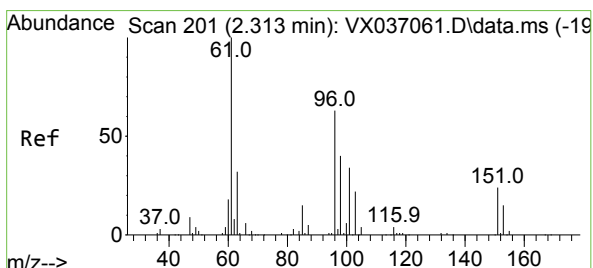
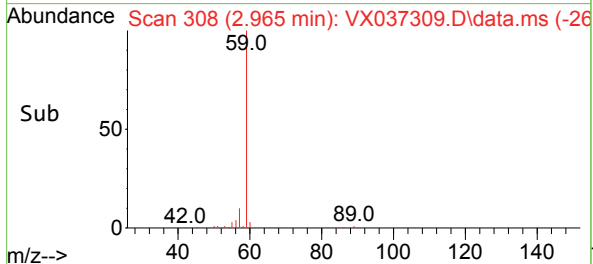
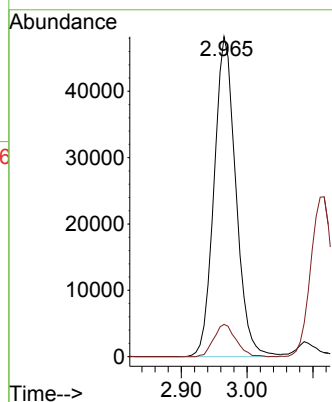
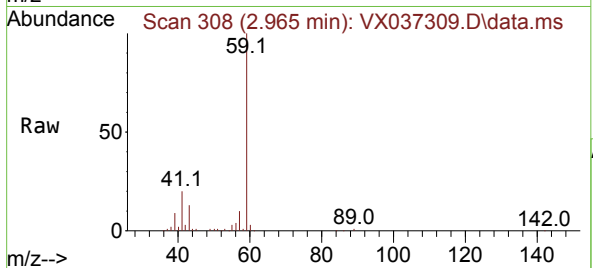
VSTDCCC050

Tgt Ion: 59 Resp: 111160

Ion Ratio Lower Upper

59 100

57 10.3 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 50.972 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

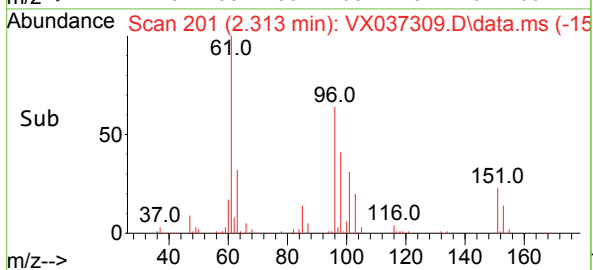
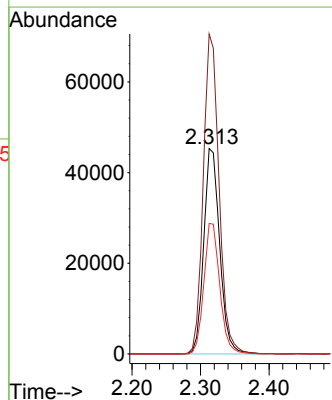
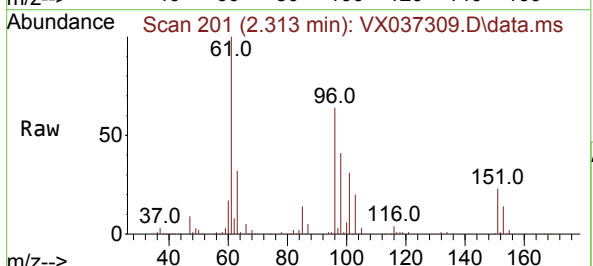
Tgt Ion: 96 Resp: 73531

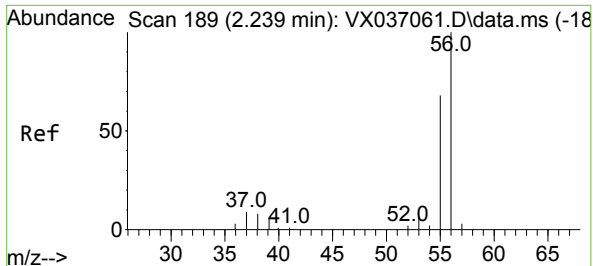
Ion Ratio Lower Upper

96 100

61 155.8 144.6 216.8

98 63.5 50.4 75.6

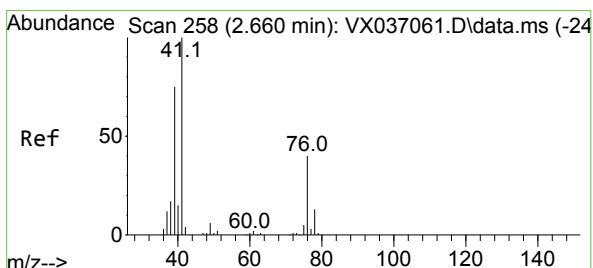
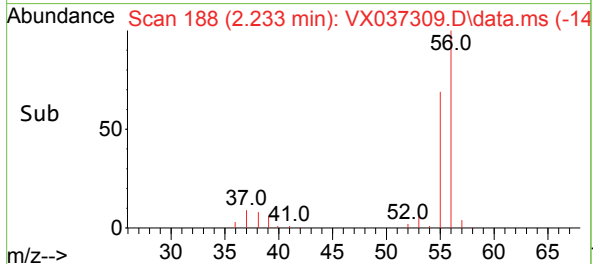
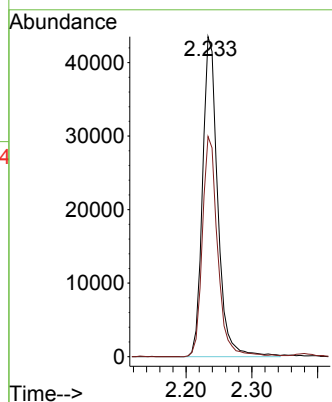
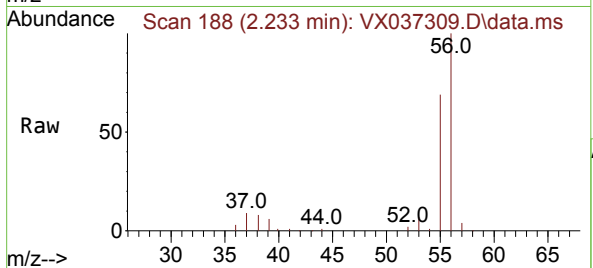




#13
Acrolein
Concen: 193.572 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

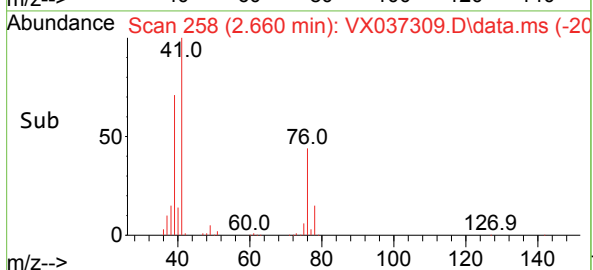
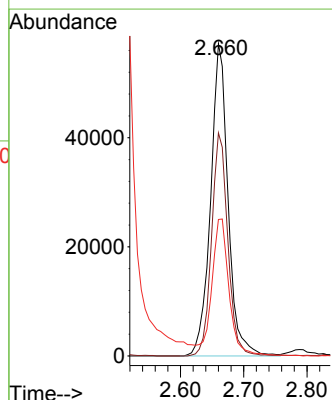
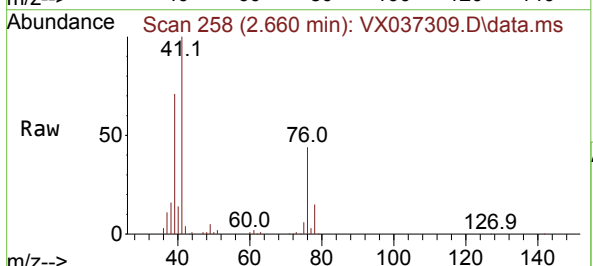
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

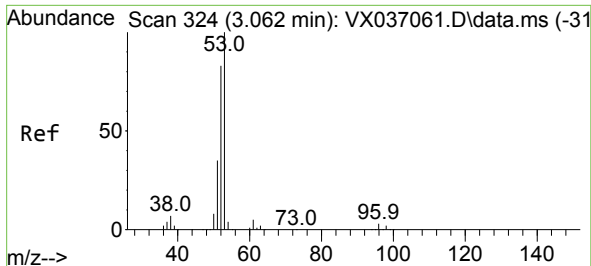
Tgt Ion: 56 Resp: 69789
Ion Ratio Lower Upper
56 100
55 69.3 57.1 85.7



#14
Allyl chloride
Concen: 49.361 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 41 Resp: 110215
Ion Ratio Lower Upper
41 100
39 66.2 55.8 83.6
76 43.6 24.3 36.5#

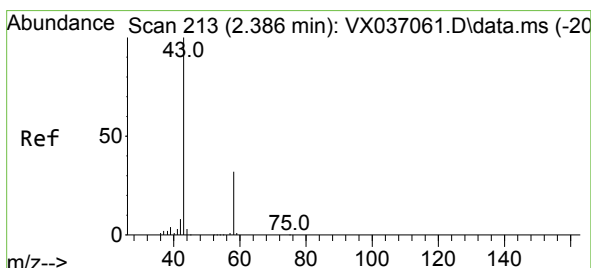
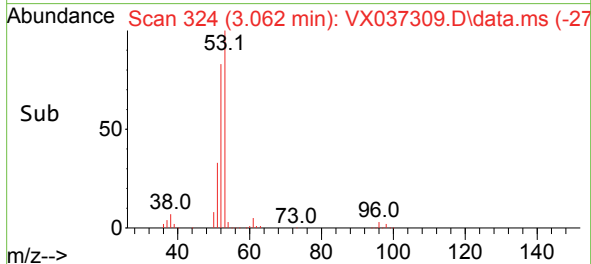
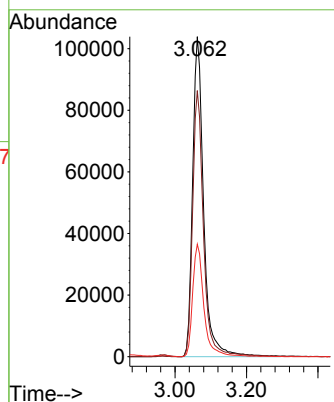
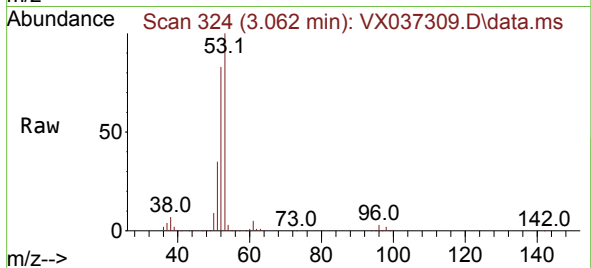




#15
Acrylonitrile
Concen: 263.167 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

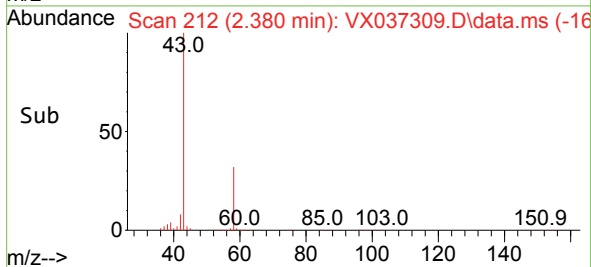
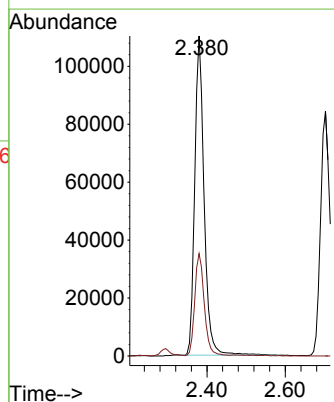
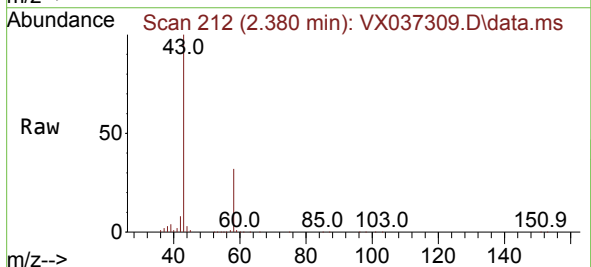
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

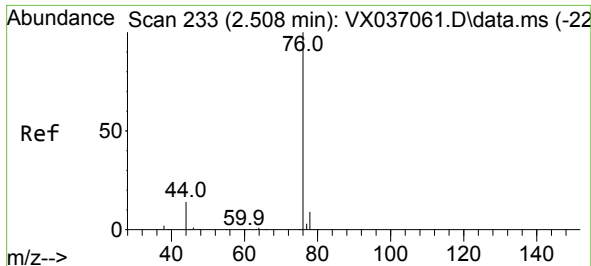
Tgt Ion: 53 Resp: 222610
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 35.8 29.8 44.6



#16
Acetone
Concen: 233.344 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 43 Resp: 184428
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9

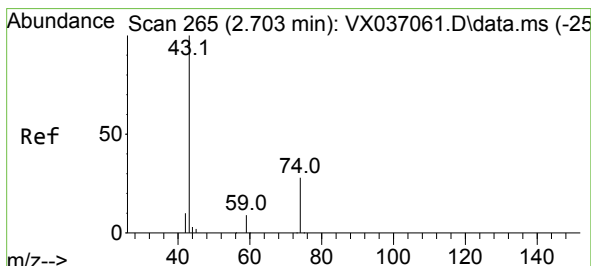
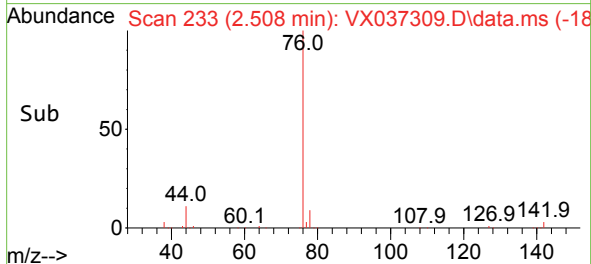
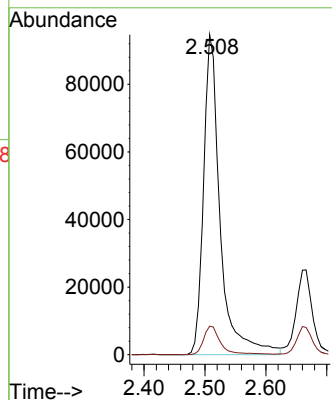
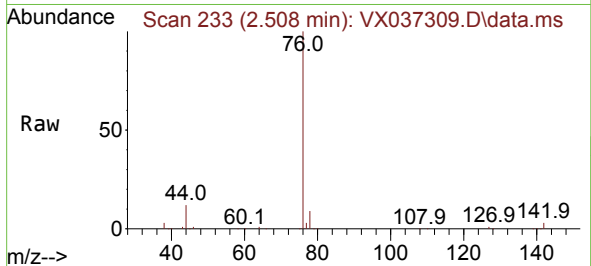




#17
Carbon Disulfide
Concen: 48.973 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

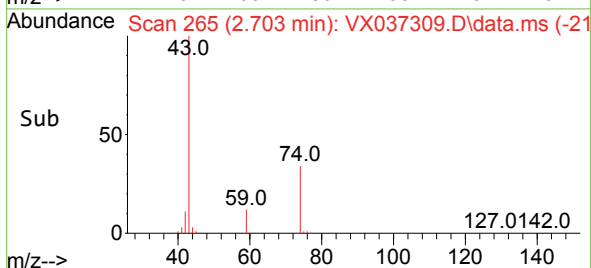
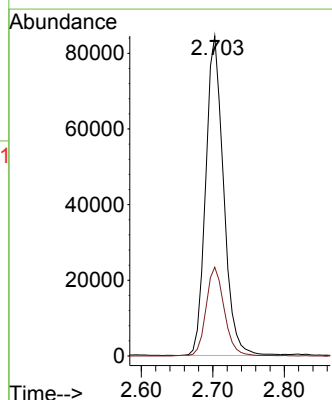
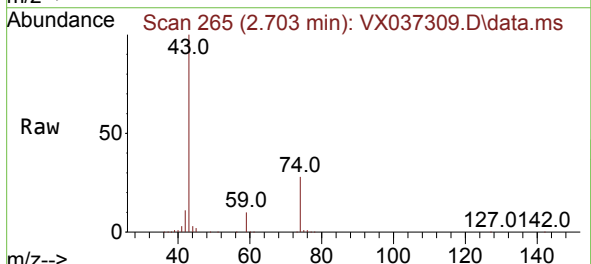
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

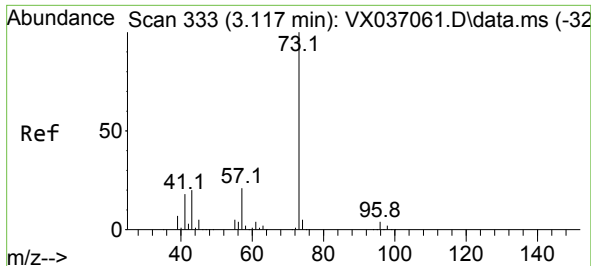
Tgt Ion: 76 Resp: 179702
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 49.302 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 43 Resp: 146718
Ion Ratio Lower Upper
43 100
74 28.4 17.8 26.8#

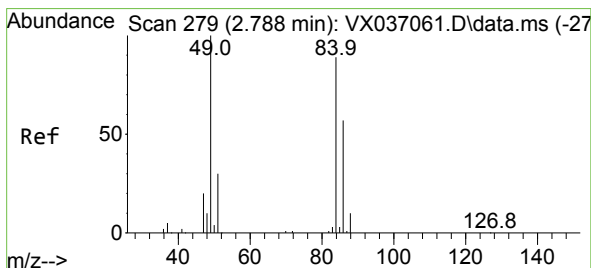
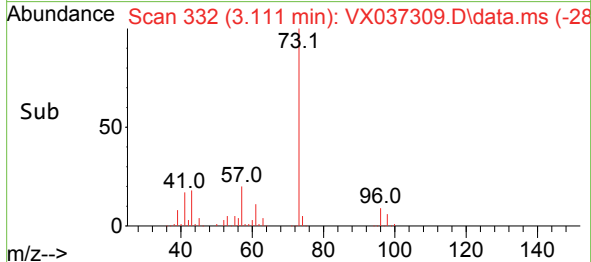
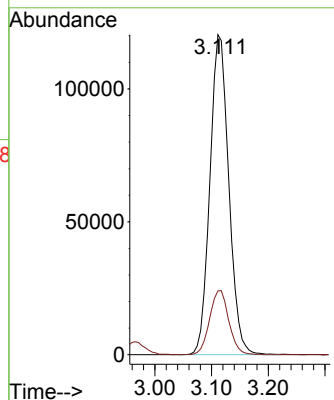
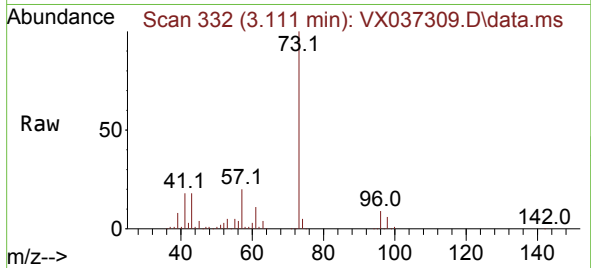




#19
Methyl tert-butyl Ether
Concen: 50.837 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

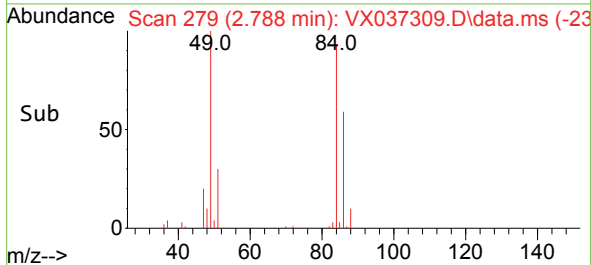
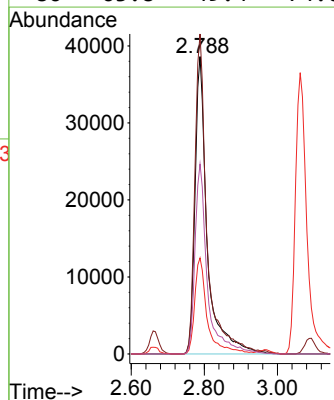
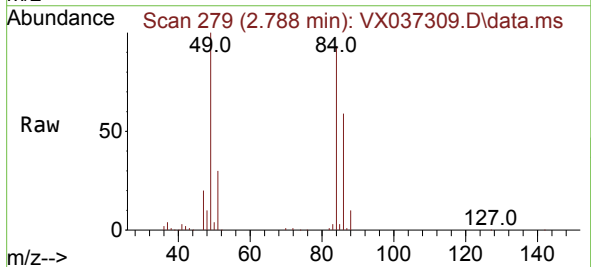
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

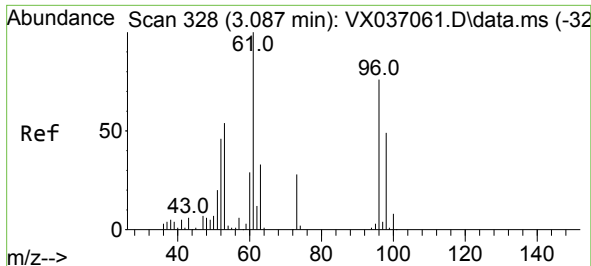
Tgt Ion: 73 Resp: 278134
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9



#20
Methylene Chloride
Concen: 51.353 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 84 Resp: 90767
Ion Ratio Lower Upper
84 100
49 107.6 103.6 155.4
51 32.3 33.8 50.6#
86 63.8 49.4 74.0

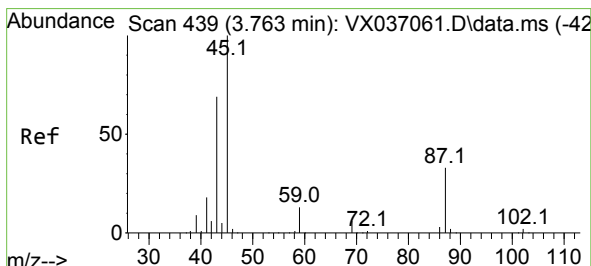
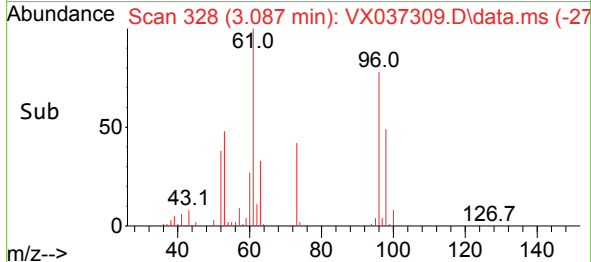
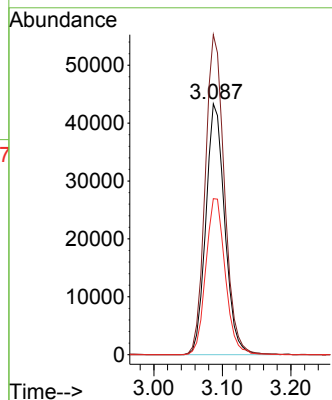
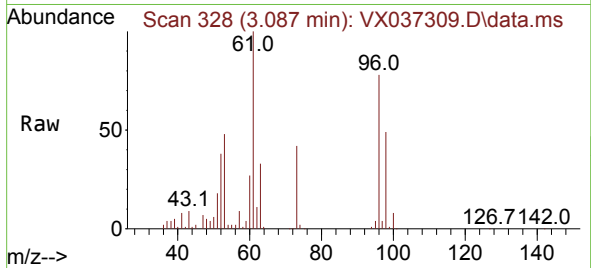




#21
trans-1,2-Dichloroethene
Concen: 50.751 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

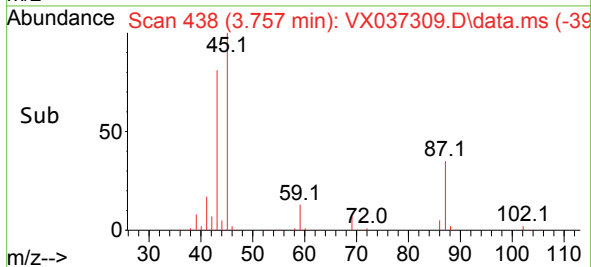
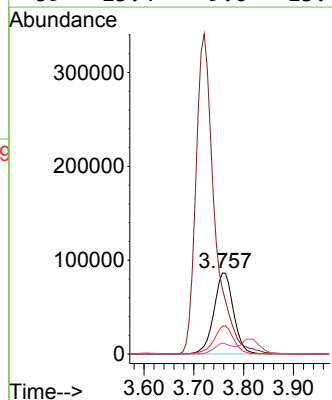
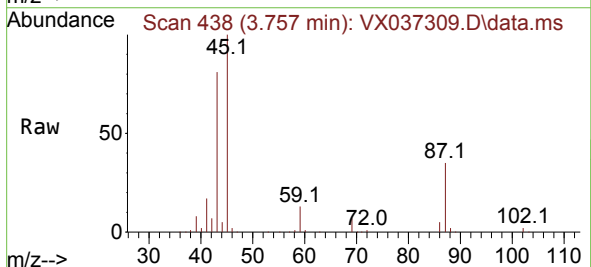
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

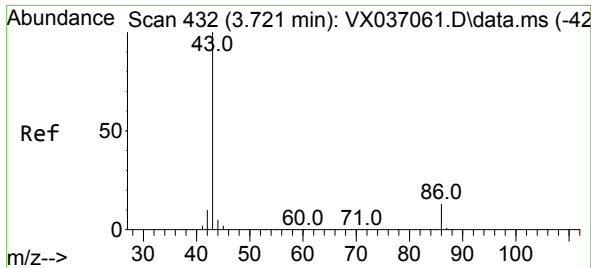
Tgt Ion: 96 Resp: 83225
Ion Ratio Lower Upper
96 100
61 127.6 119.2 178.8
98 62.2 48.7 73.1



#22
Diisopropyl ether
Concen: 51.302 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 45 Resp: 235057
Ion Ratio Lower Upper
45 100
43 80.1 69.7 104.5
87 34.7 20.8 31.2#
59 13.4 9.0 13.4

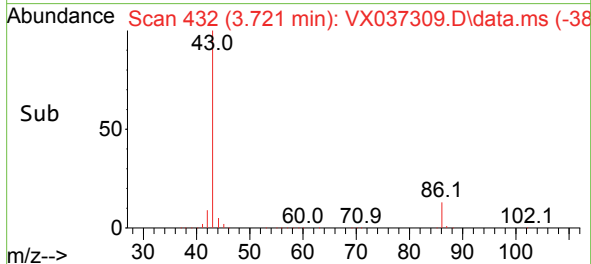
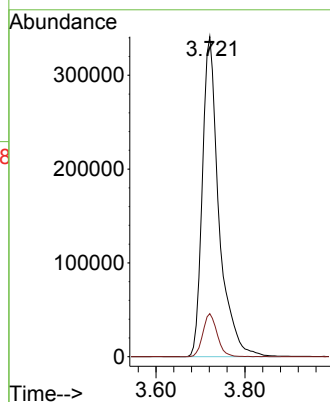
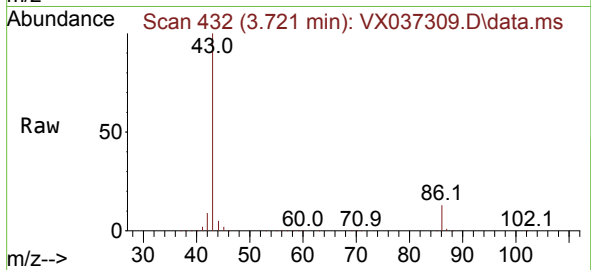




#23
 Vinyl Acetate
 Concen: 252.837 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

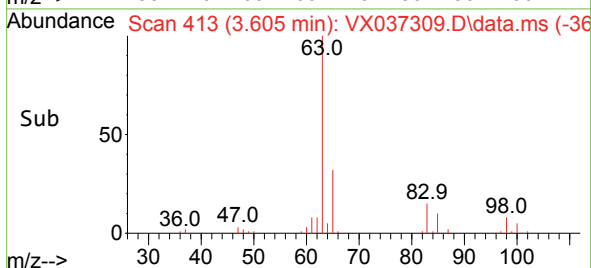
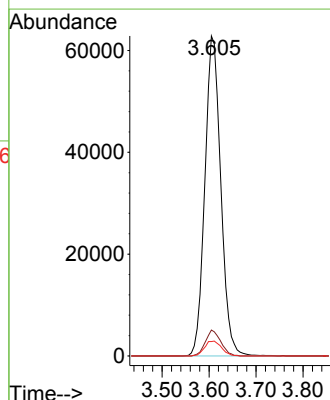
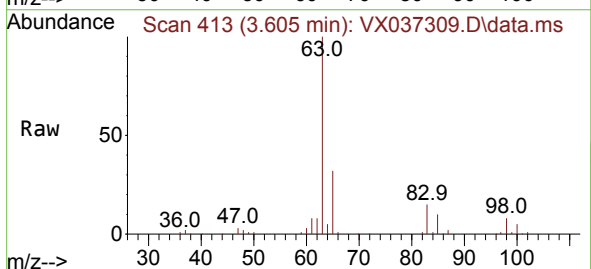
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

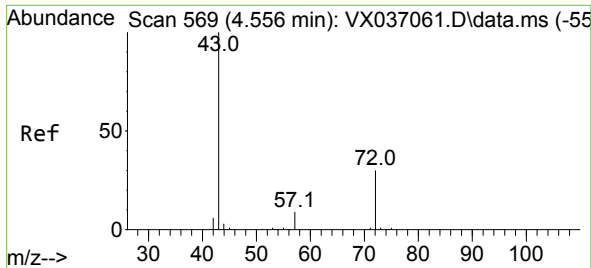
Tgt Ion: 43 Resp: 887746
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 51.434 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

Tgt Ion: 63 Resp: 147783
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.8
 100 4.5 2.1 6.5

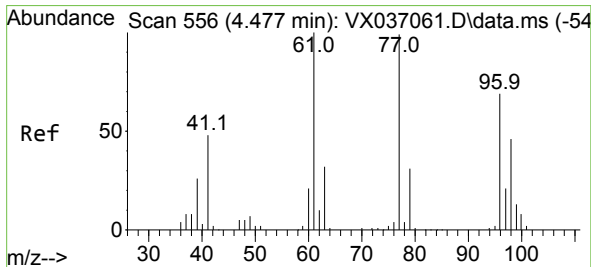
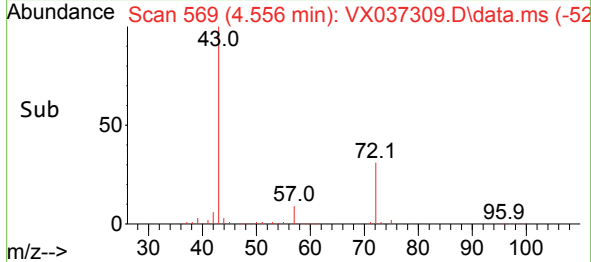
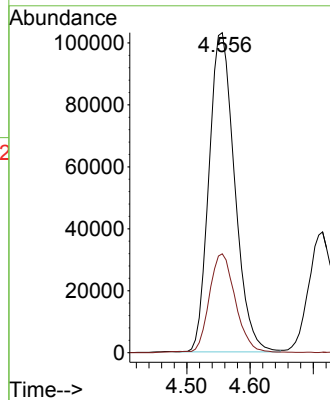
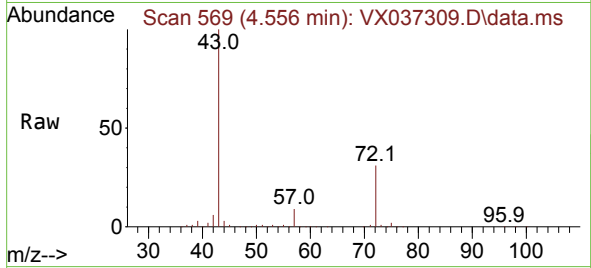




#25
2-Butanone
Concen: 244.138 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

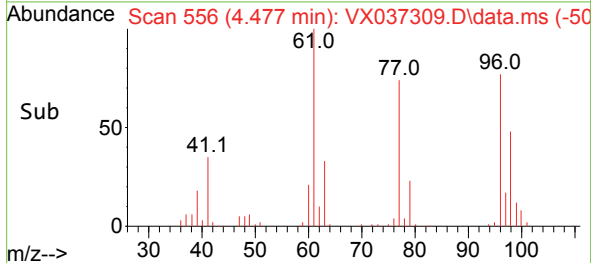
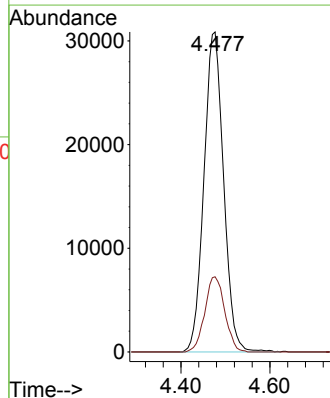
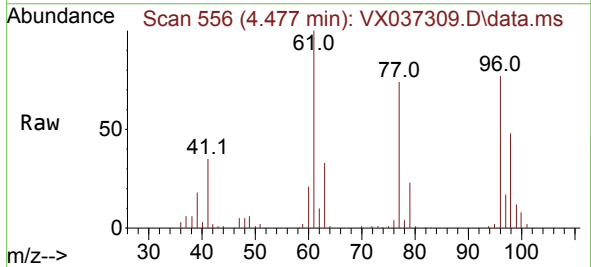
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 290539
Ion Ratio Lower Upper
43 100
72 30.8 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 36.924 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 77 Resp: 94748
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3

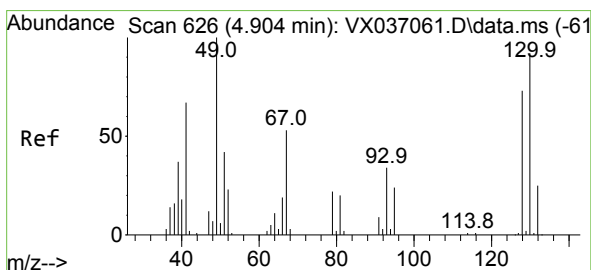
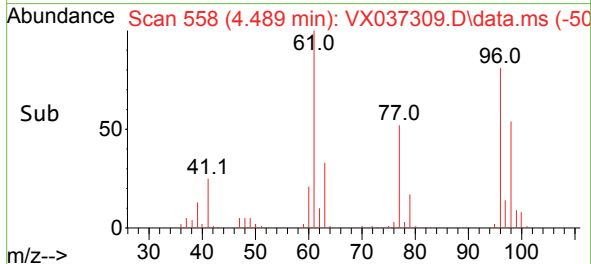
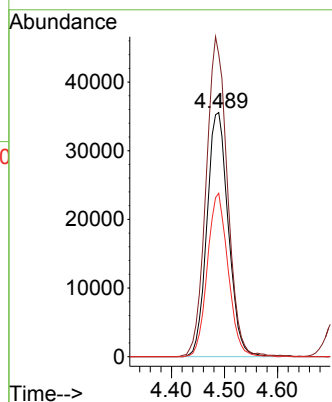
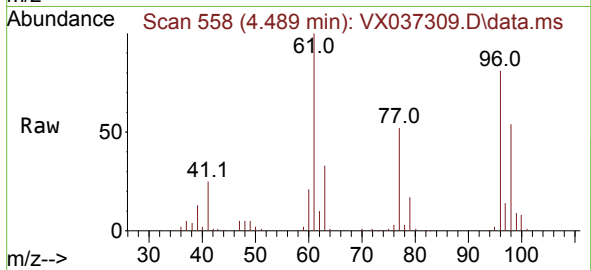




#27
 cis-1,2-Dichloroethene
 Concen: 51.458 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

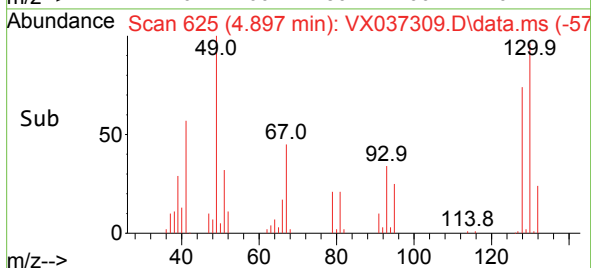
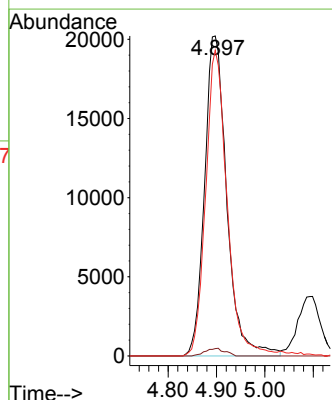
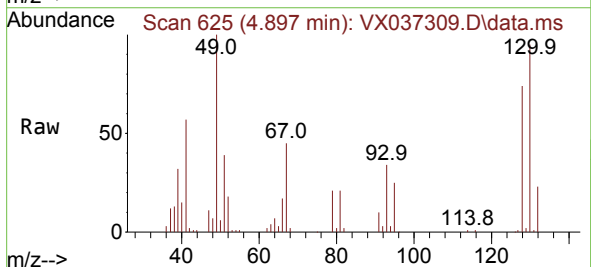
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

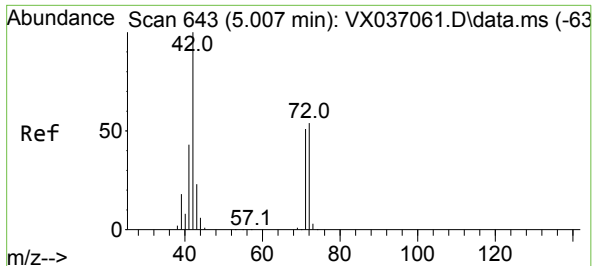
Tgt Ion: 96	Resp: 99481
Ion Ratio	Lower Upper
96 100	
61 131.4	0.0 312.2
98 65.0	0.0 129.0



#28
 Bromochloromethane
 Concen: 50.217 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

Tgt Ion: 49	Resp: 64455
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 3.8
130 92.0	57.5 86.3





#29

Tetrahydrofuran

Concen: 245.846 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

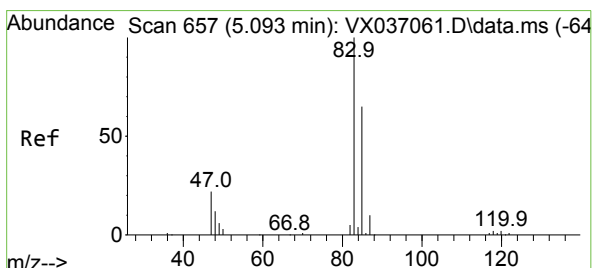
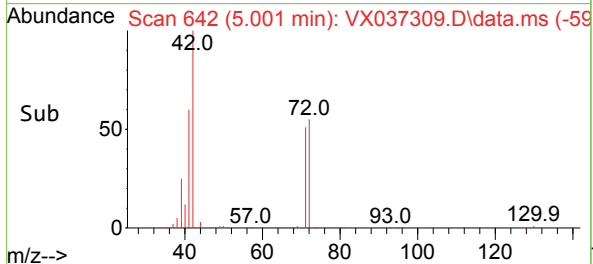
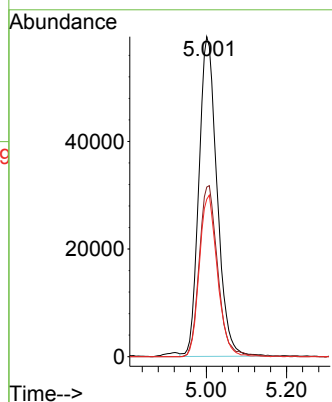
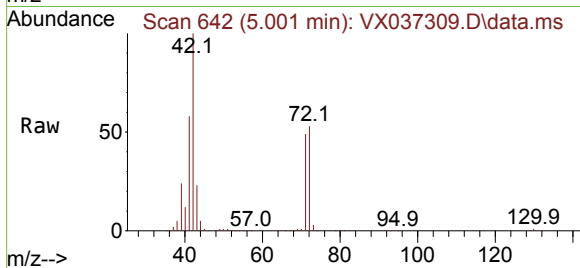
Tgt Ion: 42 Resp: 186582

Ion Ratio Lower Upper

42 100

72 54.6 34.2 51.4#

71 50.2 32.2 48.2#



#30

Chloroform

Concen: 51.003 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037309.D

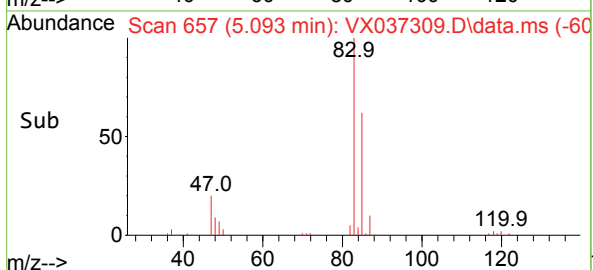
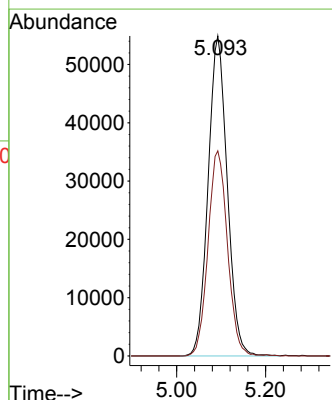
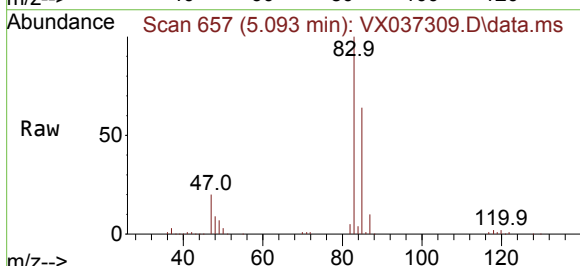
Acq: 28 Aug 2023 23:53

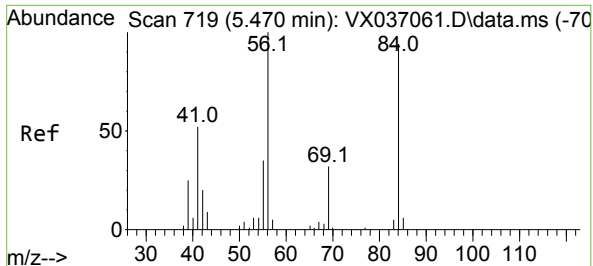
Tgt Ion: 83 Resp: 164506

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5

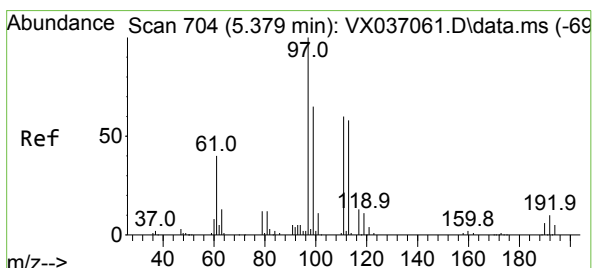
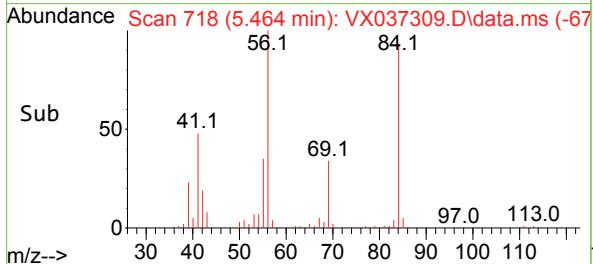
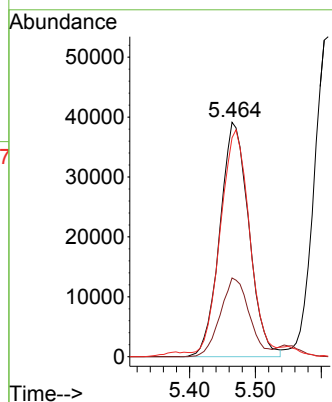
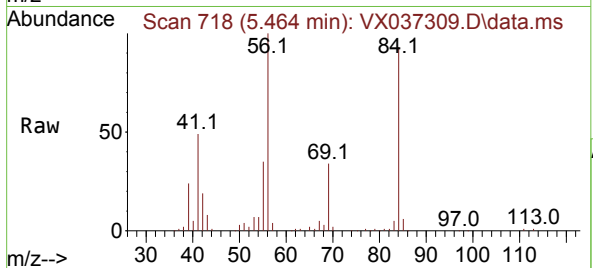




#31
Cyclohexane
Concen: 53.005 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

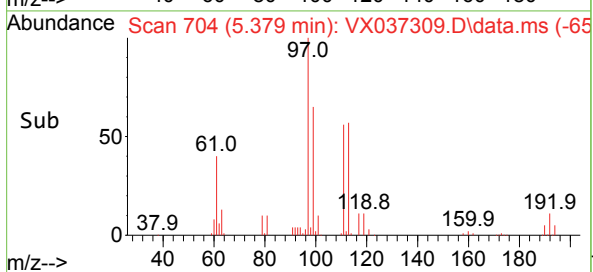
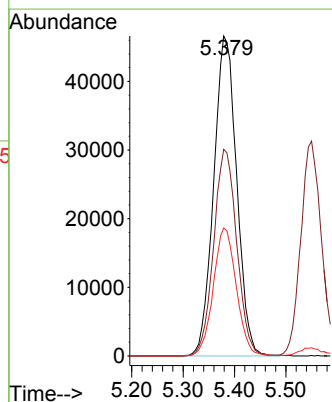
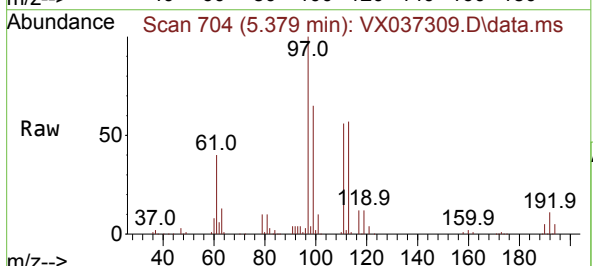
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

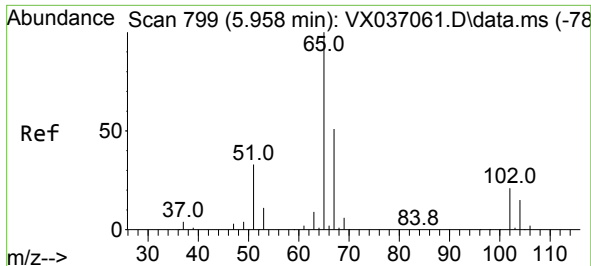
Tgt Ion: 56 Resp: 120410
Ion Ratio Lower Upper
56 100
69 33.6 23.4 35.2
84 91.7 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.176 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 97 Resp: 145025
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 40.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.150 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

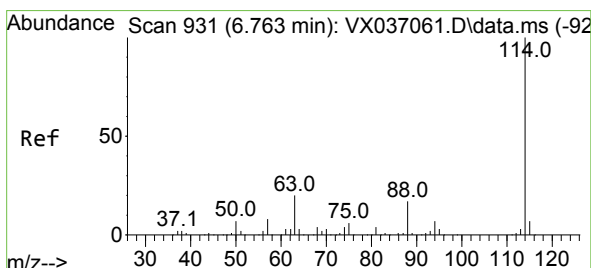
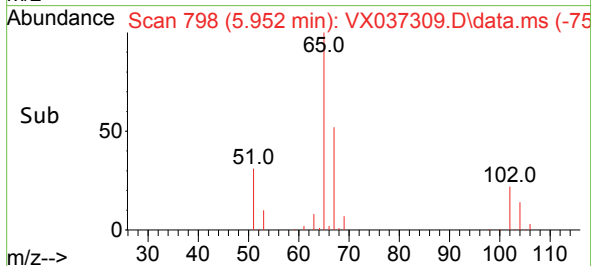
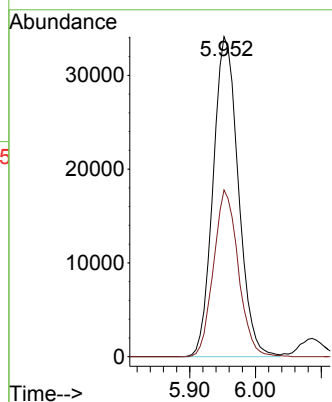
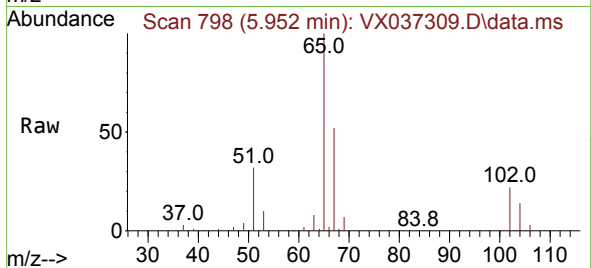
VSTDCCC050

Tgt Ion: 65 Resp: 91218

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

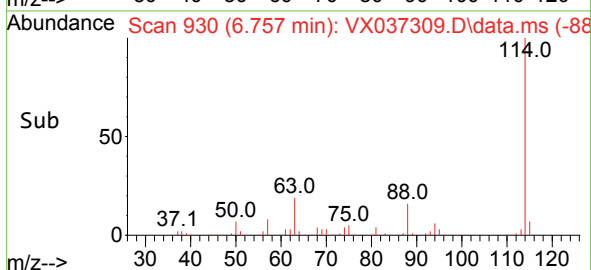
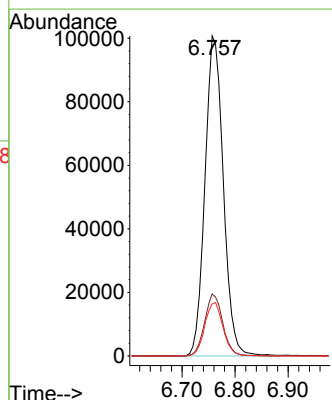
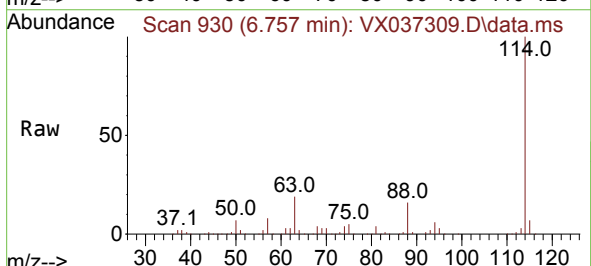
Tgt Ion: 114 Resp: 242600

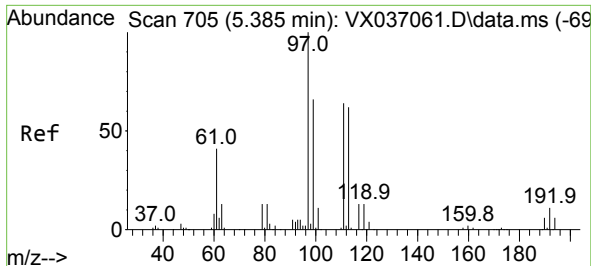
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 16.3 0.0 36.6

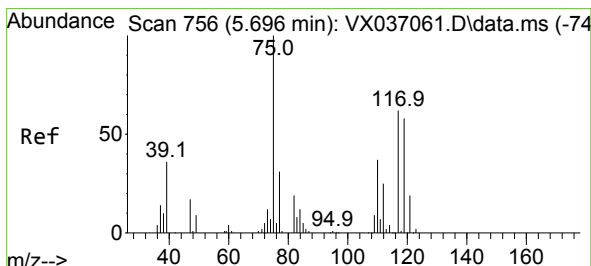
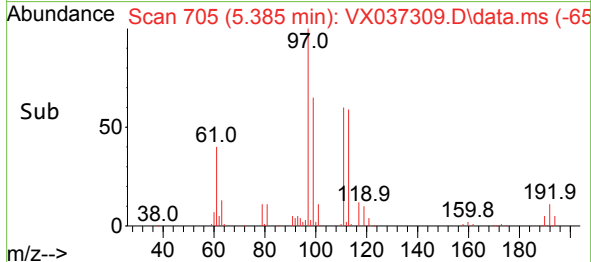
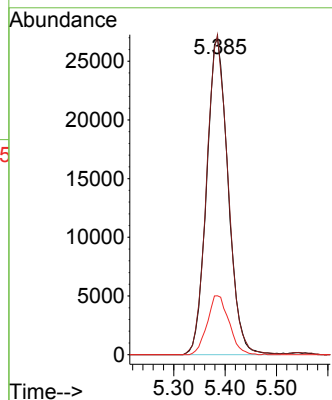
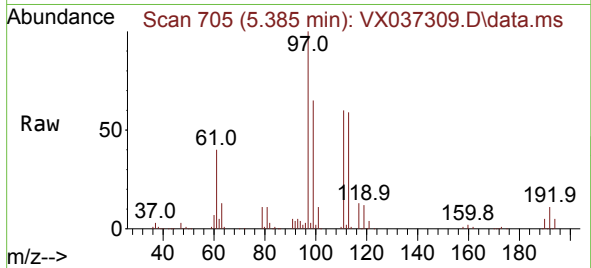




#35
Dibromofluoromethane
Concen: 48.759 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

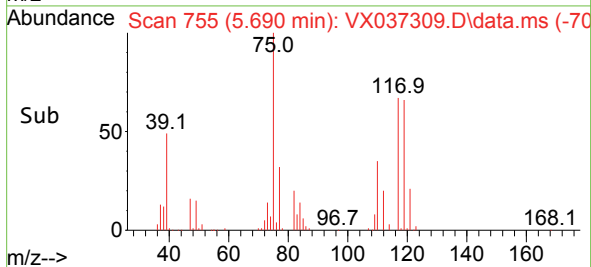
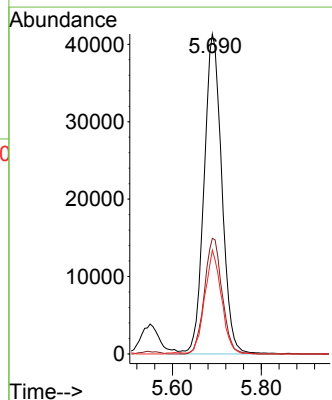
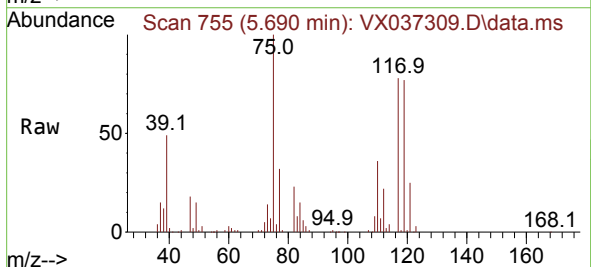
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

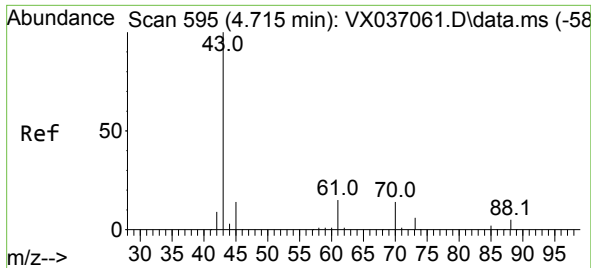
Tgt Ion:113 Resp: 78341
Ion Ratio Lower Upper
113 100
111 100.5 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 50.325 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 75 Resp: 114875
Ion Ratio Lower Upper
75 100
110 36.0 17.0 50.9
77 30.6 24.7 37.1

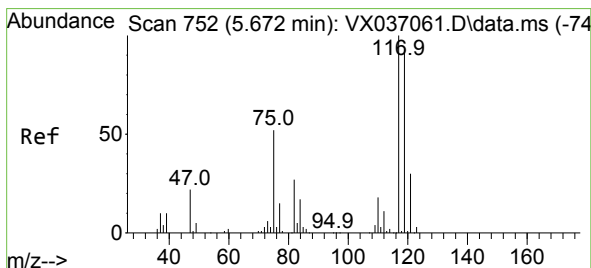
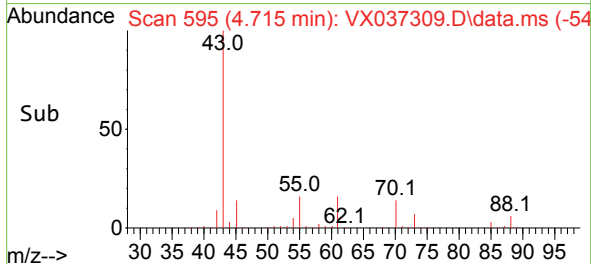
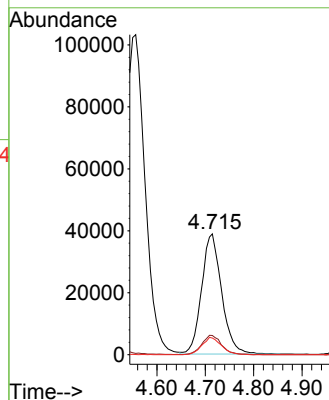
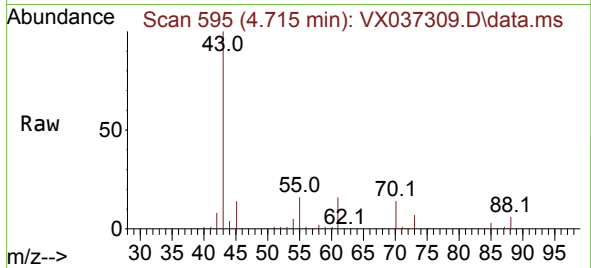




#37
Ethyl Acetate
Concen: 48.091 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

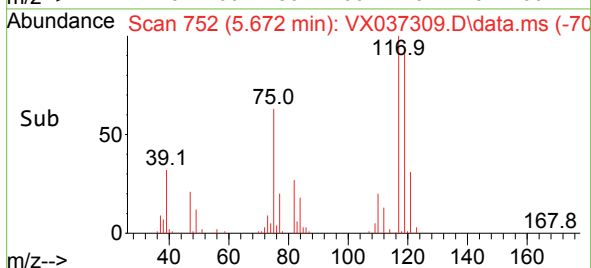
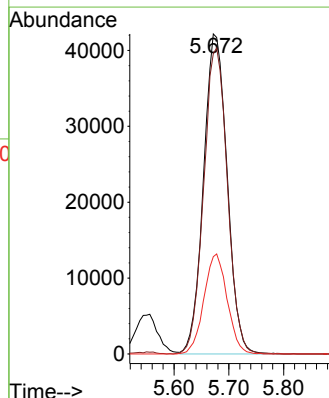
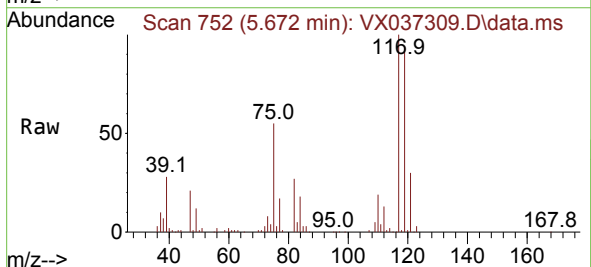
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

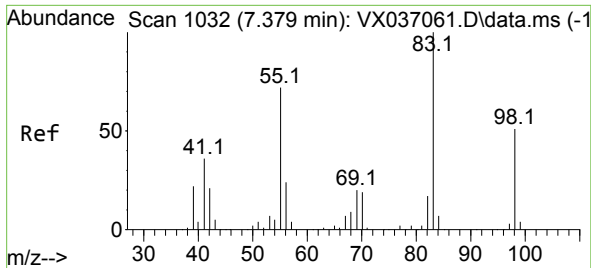
Tgt Ion: 43 Resp: 112136
Ion Ratio Lower Upper
43 100
61 15.9 10.6 16.0
70 13.8 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 50.840 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 117 Resp: 126064
Ion Ratio Lower Upper
117 100
119 93.7 78.2 117.2
121 30.4 24.4 36.6

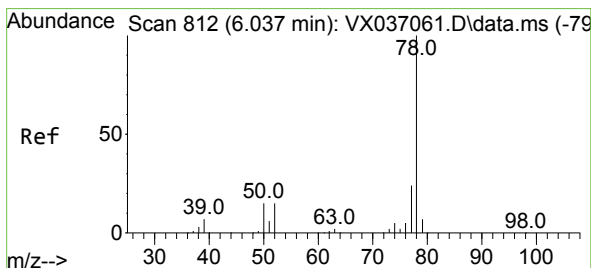
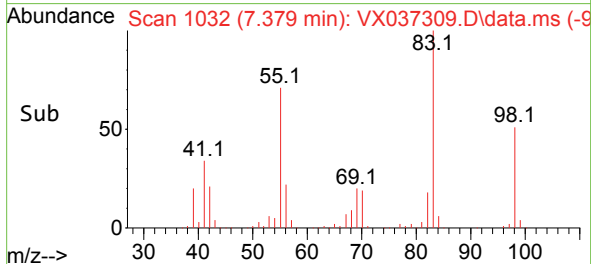
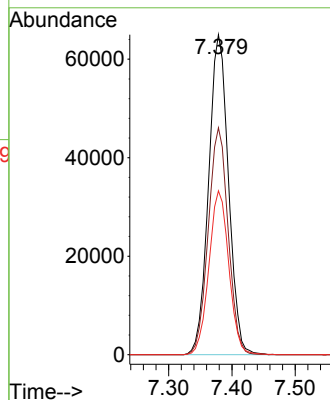
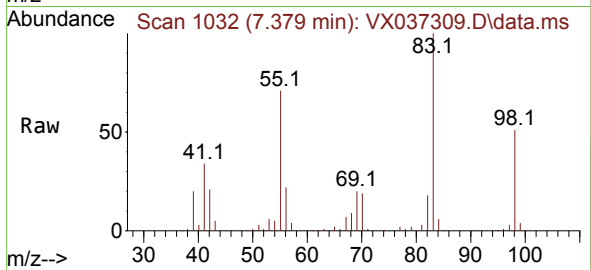




#39
Methylcyclohexane
Concen: 59.104 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

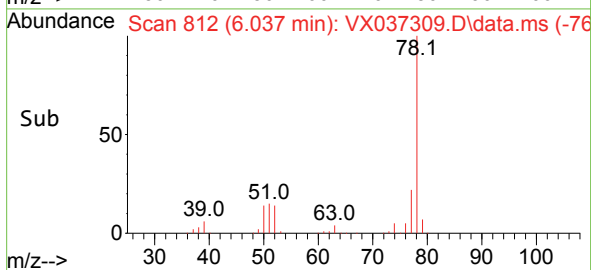
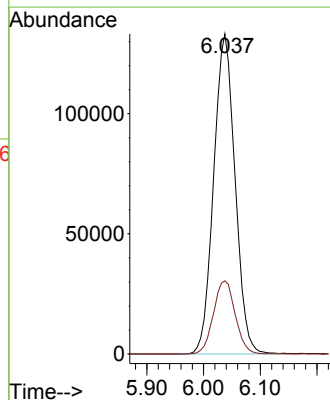
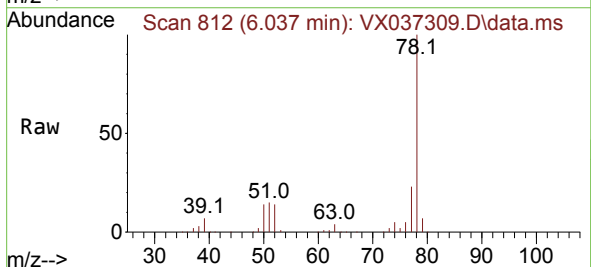
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 141746
Ion Ratio Lower Upper
83 100
55 70.9 64.6 97.0
98 51.2 36.7 55.1



#40
Benzene
Concen: 53.222 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 78 Resp: 348426
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9



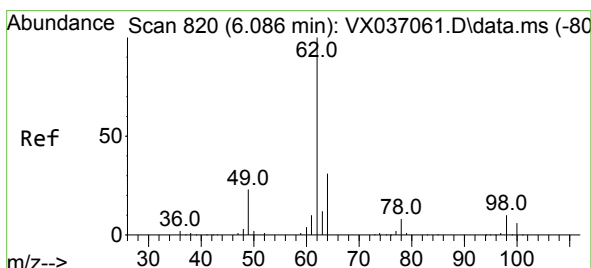
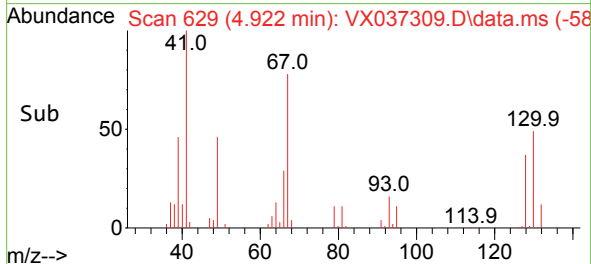
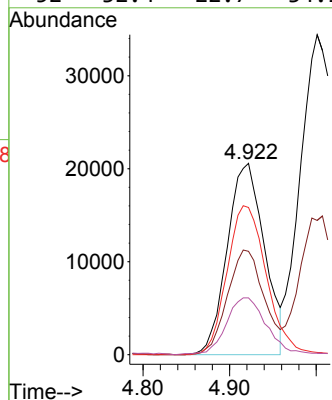
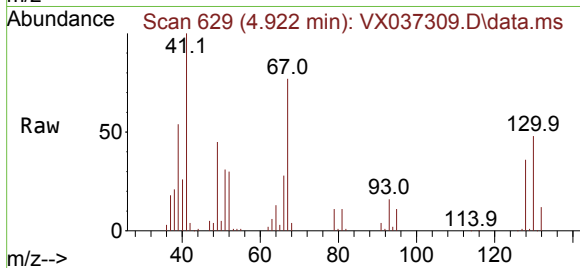


#41
Methacrylonitrile
Concen: 50.708 ug/l
RT: 4.922 min Scan# 614
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 61467

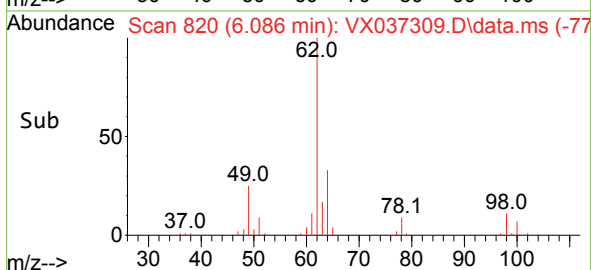
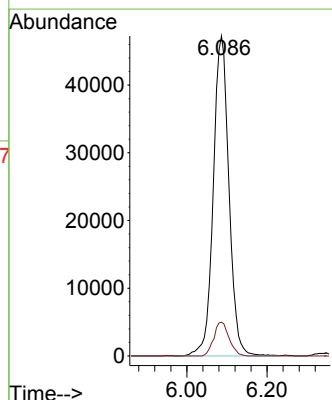
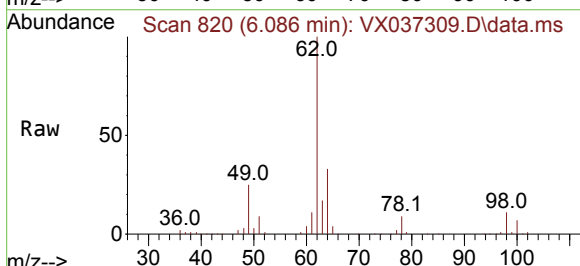
Ion	Ratio	Lower	Upper
41	100		
39	54.0	45.2	67.8
67	82.6	52.6	78.8
52	32.4	22.7	34.1

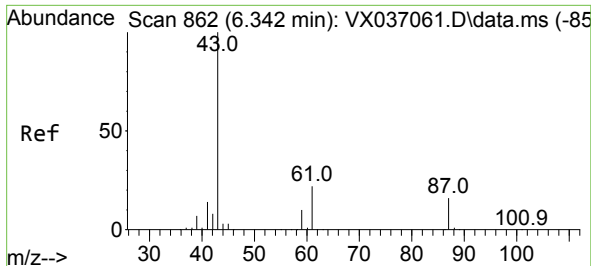


#42
1,2-Dichloroethane
Concen: 49.834 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 62 Resp: 127940

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	16.0

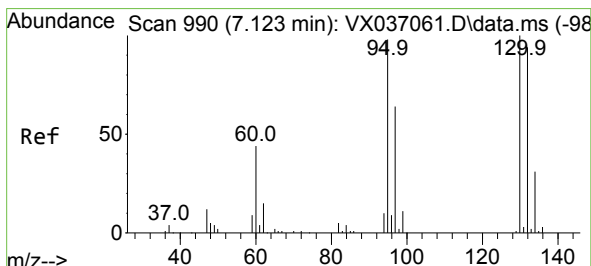
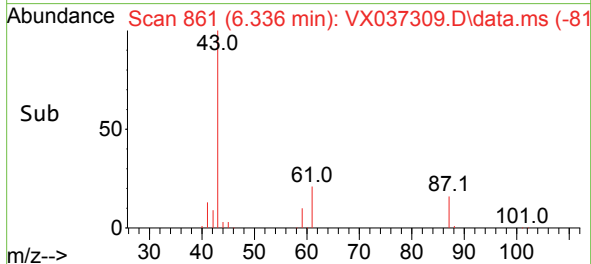
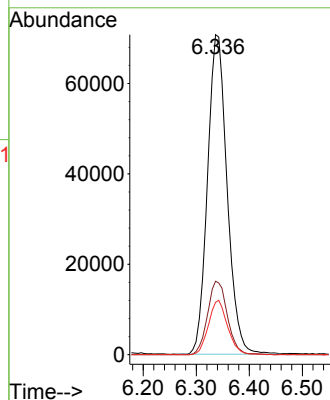
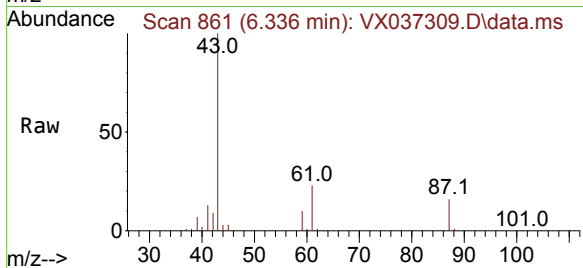




#43
Isopropyl Acetate
Concen: 49.028 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

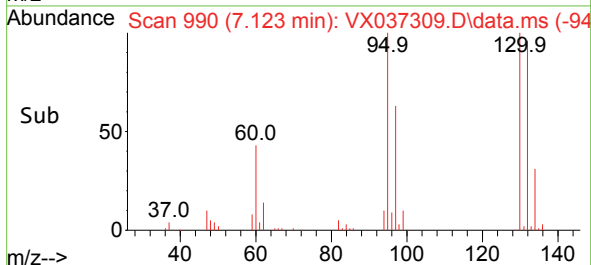
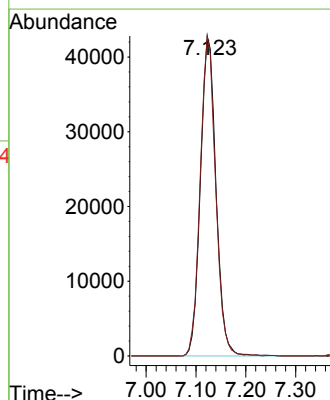
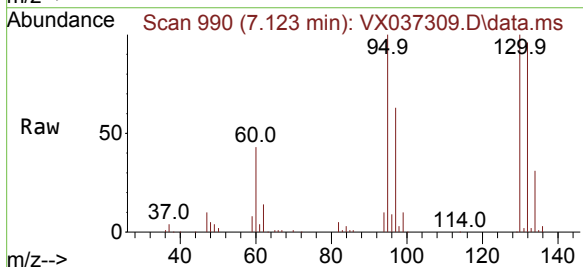
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

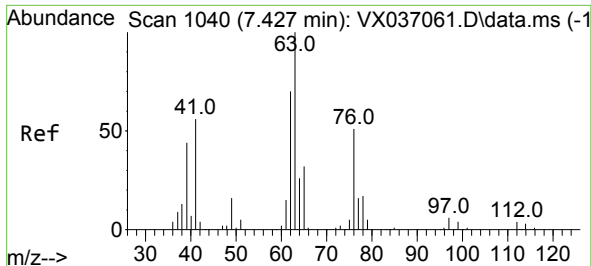
Tgt Ion: 43 Resp: 181499
Ion Ratio Lower Upper
43 100
61 23.2 15.2 22.8#
87 16.6 9.8 14.6#



#44
Trichloroethene
Concen: 49.871 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion:130 Resp: 92578
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.4

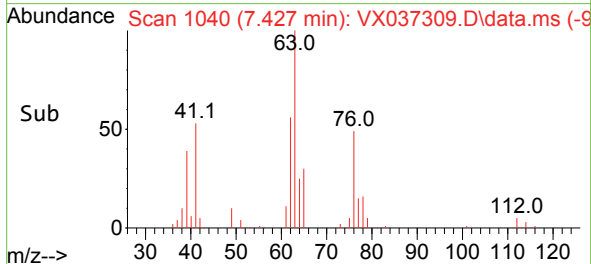
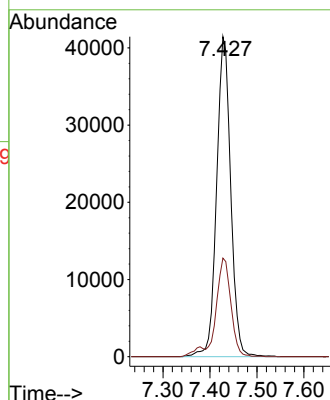
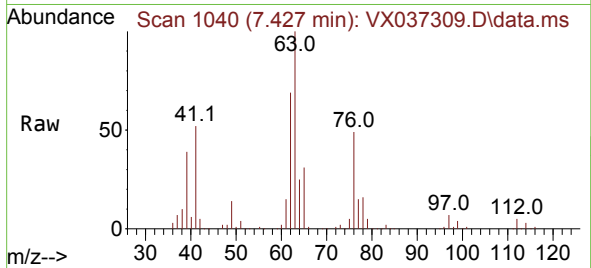




#45
1,2-Dichloropropane
Concen: 53.479 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

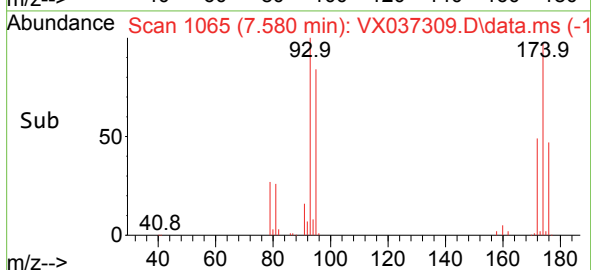
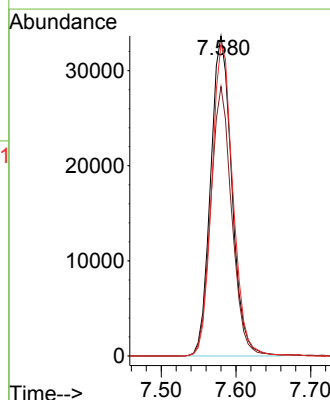
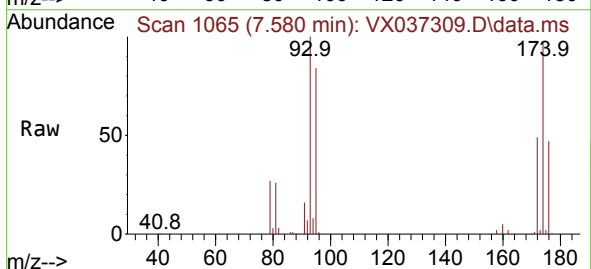
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 86327
Ion Ratio Lower Upper
63 100
65 30.8 24.3 36.5



#46
Dibromomethane
Concen: 52.179 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 93 Resp: 66353
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 97.3 69.4 104.0

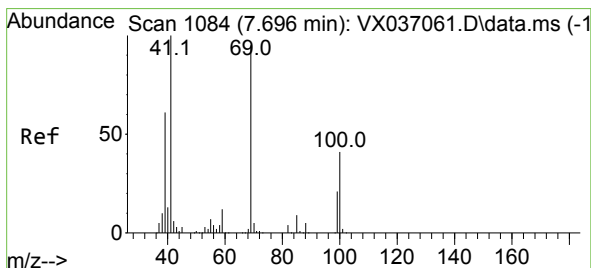
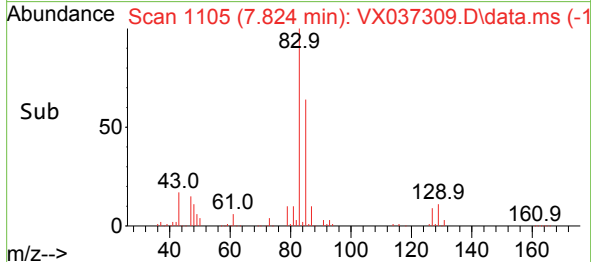
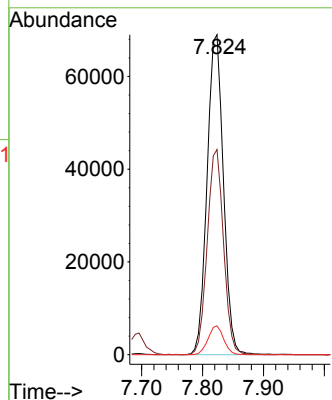
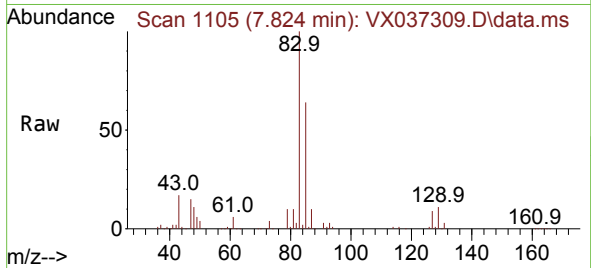




#47
Bromodichloromethane
Concen: 52.824 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

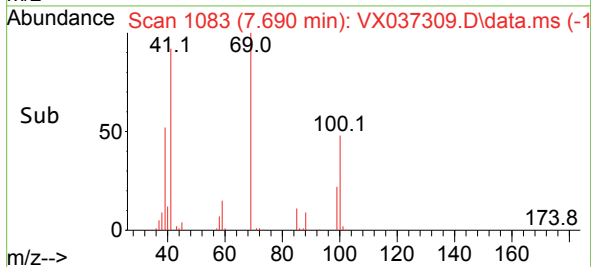
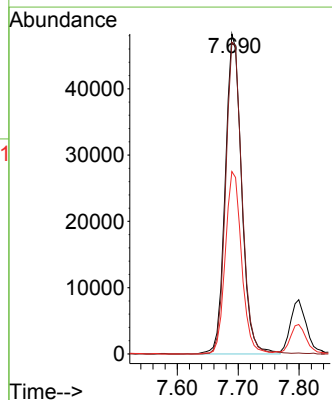
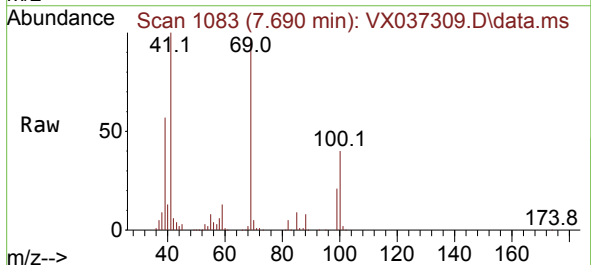
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

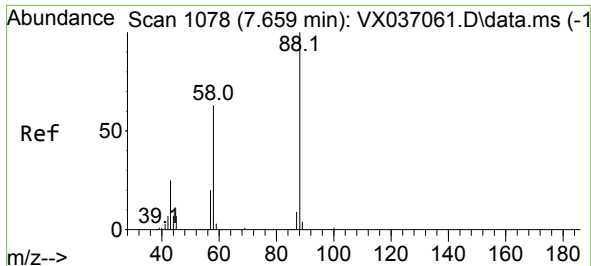
Tgt Ion: 83 Resp: 128663
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 49.962 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 41 Resp: 90200
Ion Ratio Lower Upper
41 100
69 97.2 59.2 88.8#
39 56.9 47.7 71.5

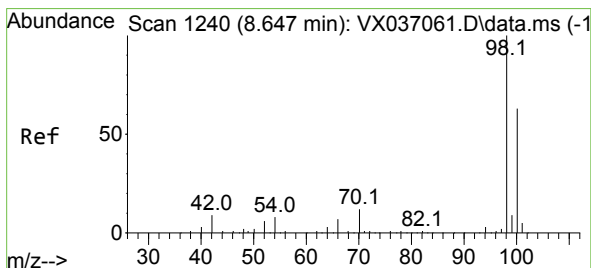
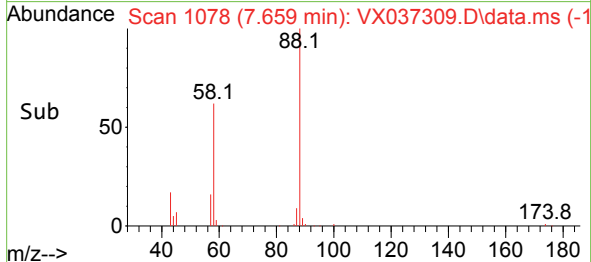
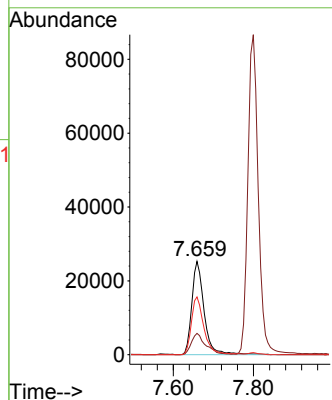
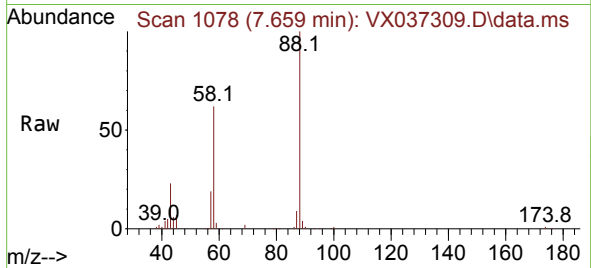




#49
1,4-Dioxane
Concen: 1106.899 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

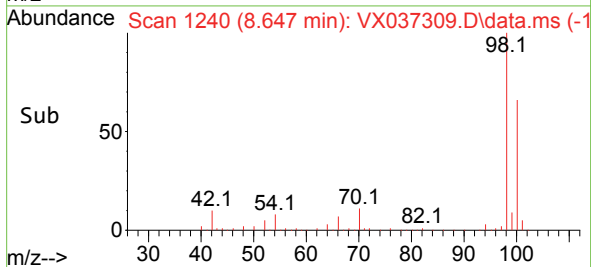
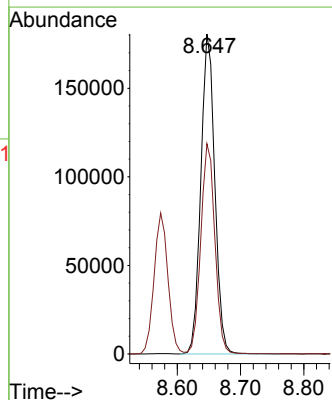
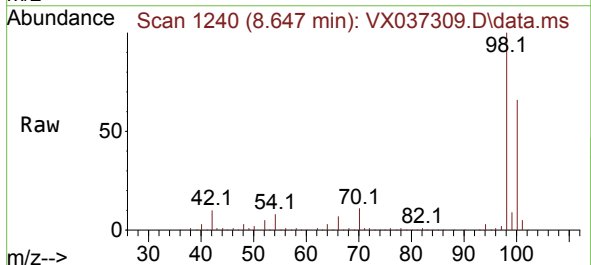
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 53819
Ion Ratio Lower Upper
88 100
43 26.7 0.0 0.0#
58 63.3 60.1 90.1



#50
Toluene-d8
Concen: 47.674 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 98 Resp: 277844
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

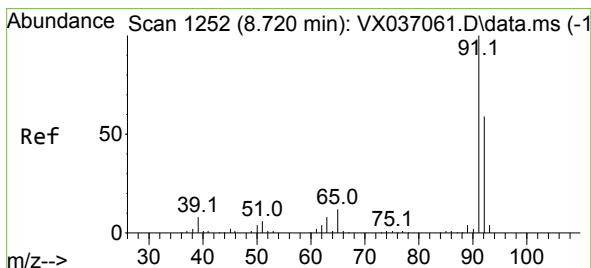
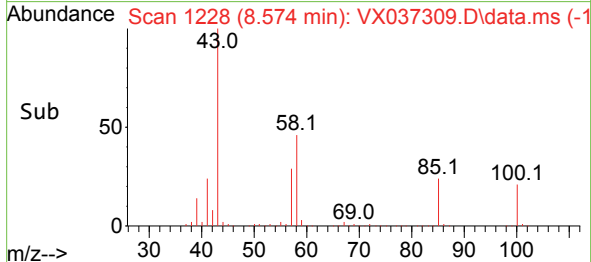
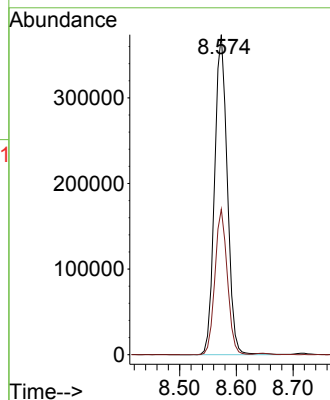
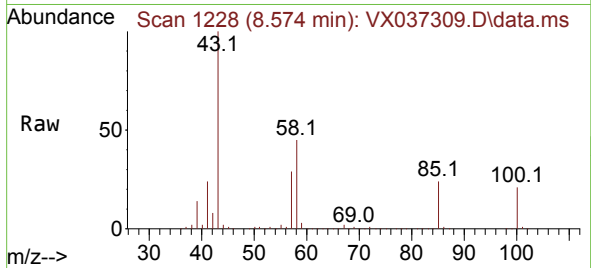




#51
4-Methyl-2-Pentanone
Concen: 258.386 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

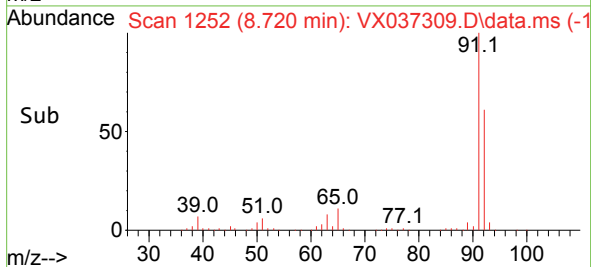
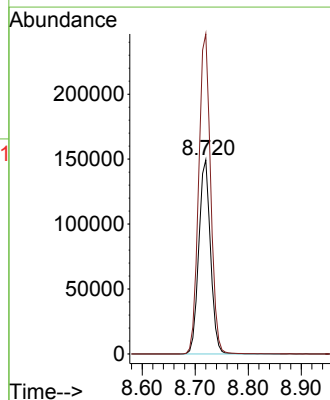
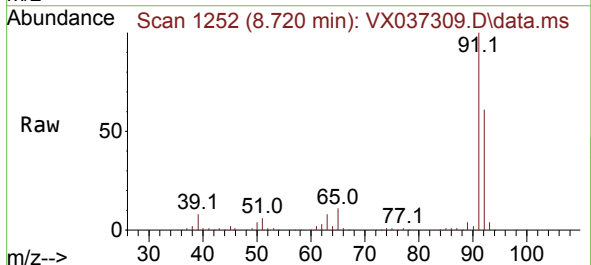
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

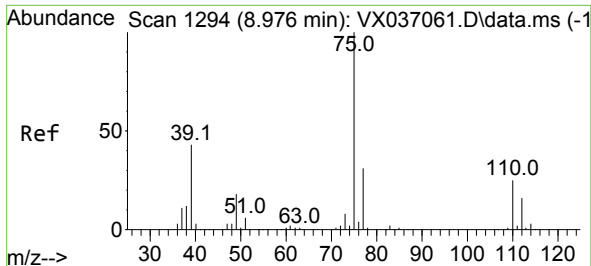
Tgt Ion: 43 Resp: 580831
Ion Ratio Lower Upper
43 100
58 44.3 30.4 45.6



#52
Toluene
Concen: 53.076 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 92 Resp: 229582
Ion Ratio Lower Upper
92 100
91 167.8 134.2 201.2

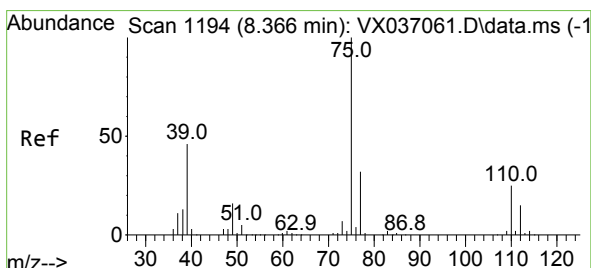
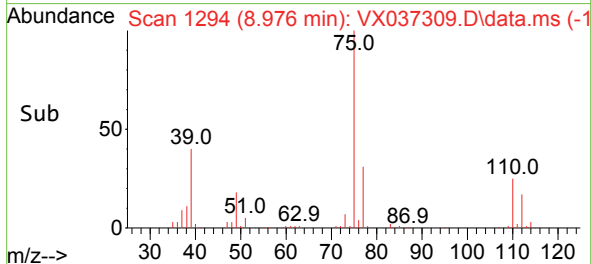
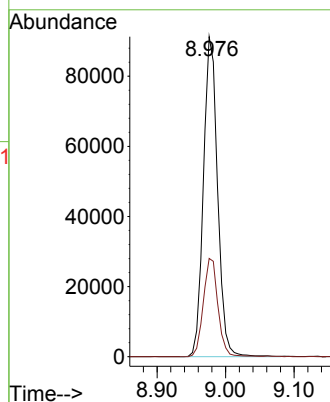
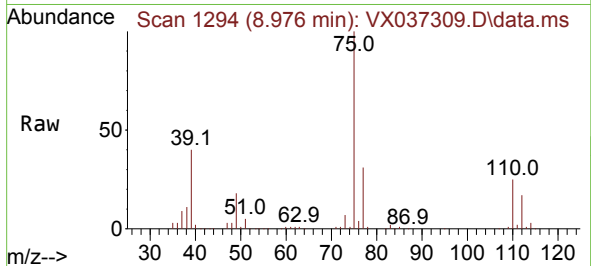




#53
 t-1,3-Dichloropropene
 Concen: 50.713 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

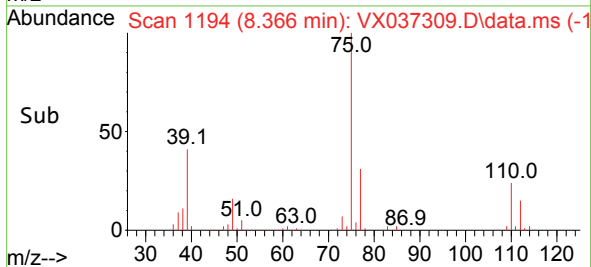
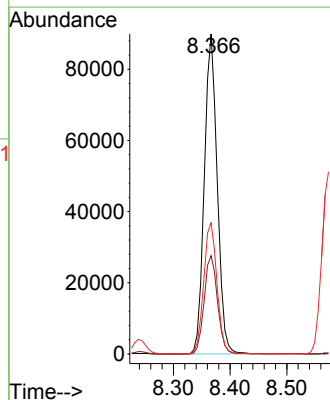
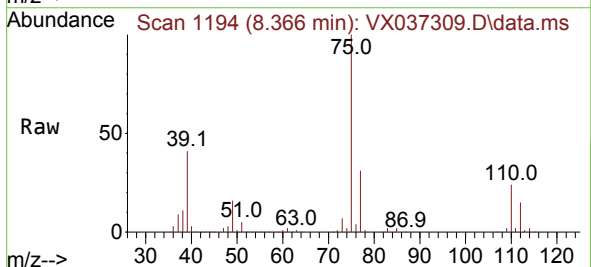
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

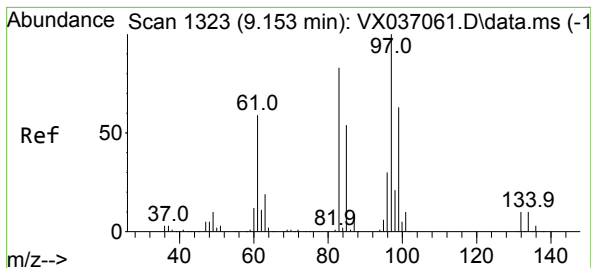
Tgt Ion: 75 Resp: 131520
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.686 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

Tgt Ion: 75 Resp: 142051
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.3 37.9
 39 40.9 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 54.279 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 95603

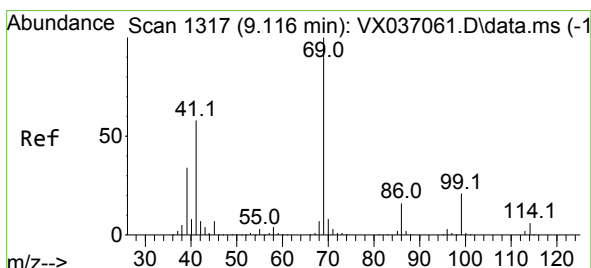
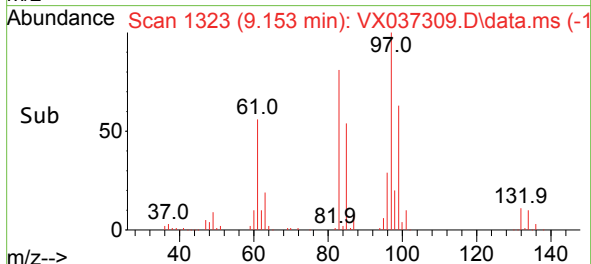
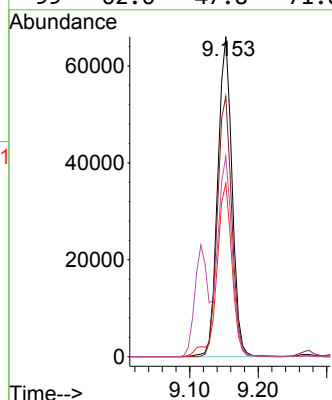
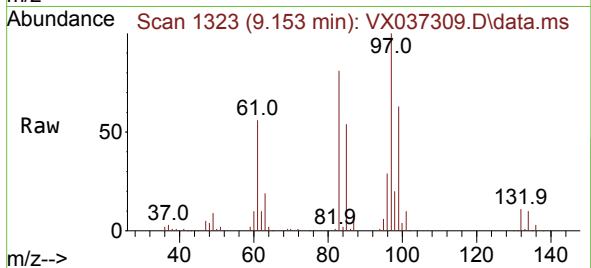
Ion Ratio Lower Upper

97 100

83 81.4 65.8 98.8

85 54.1 41.6 62.4

99 62.6 47.8 71.8



#56

Ethyl methacrylate

Concen: 54.045 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

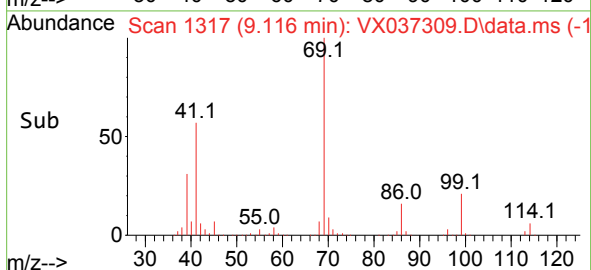
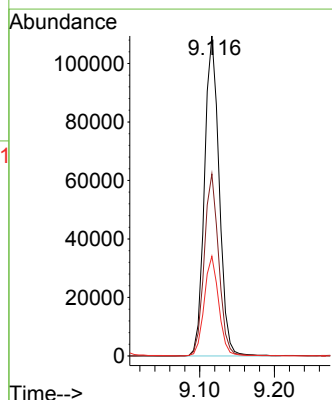
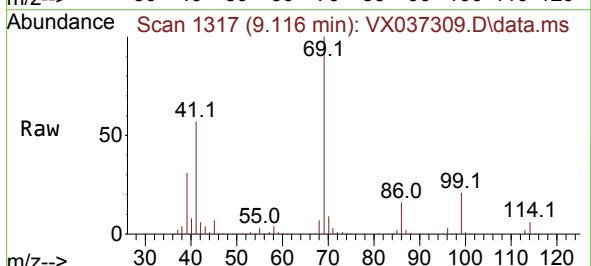
Tgt Ion: 69 Resp: 149103

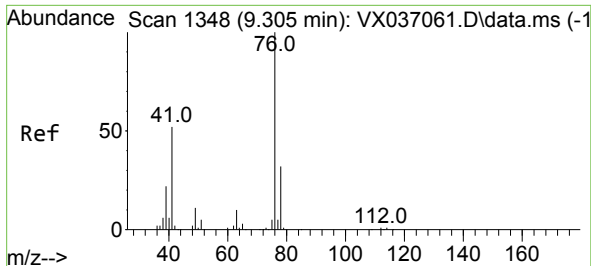
Ion Ratio Lower Upper

69 100

41 56.4 56.8 85.2#

39 31.1 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 53.239 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

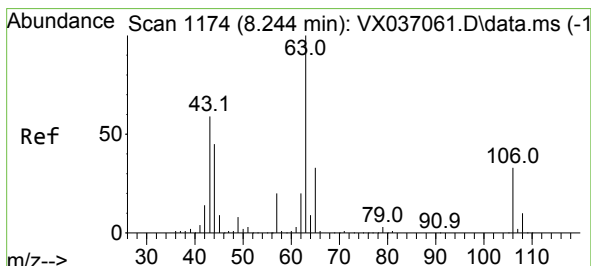
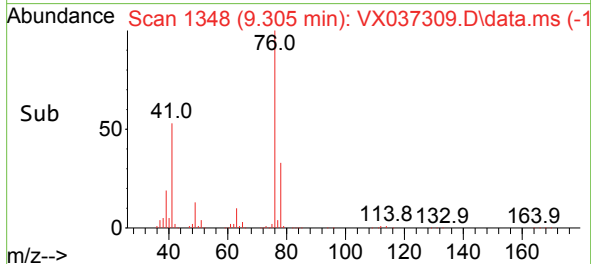
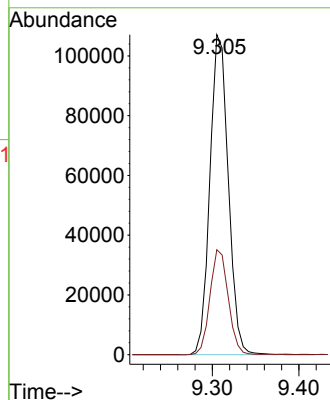
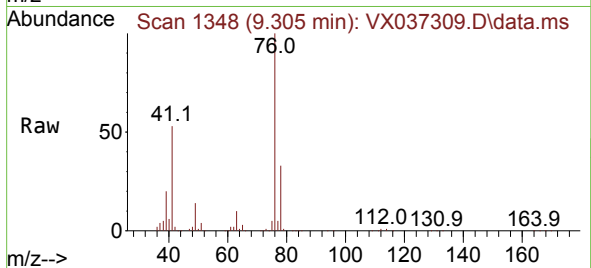
VSTDCCC050

Tgt Ion: 76 Resp: 158076

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 262.315 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037309.D

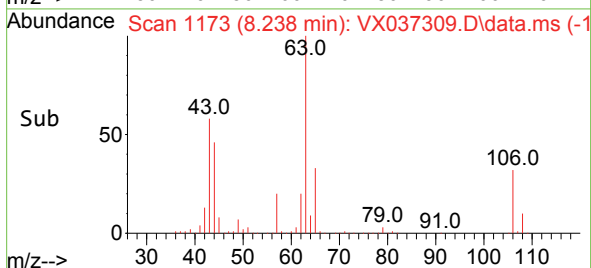
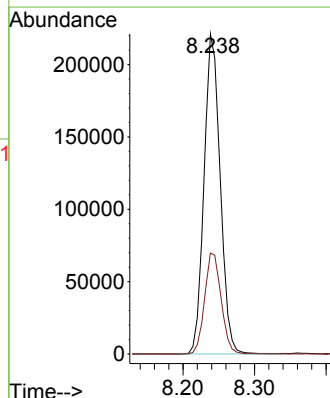
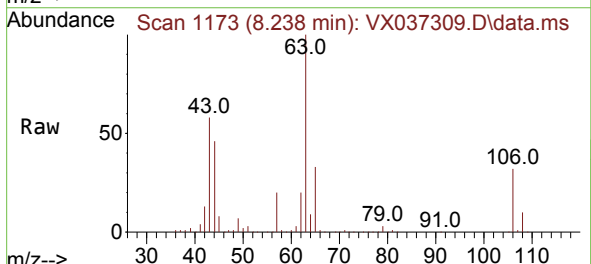
Acq: 28 Aug 2023 23:53

Tgt Ion: 63 Resp: 347296

Ion Ratio Lower Upper

63 100

106 32.2 22.5 33.7

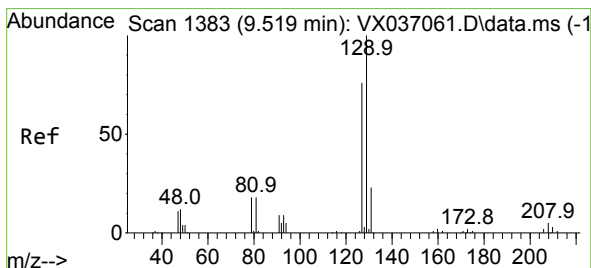
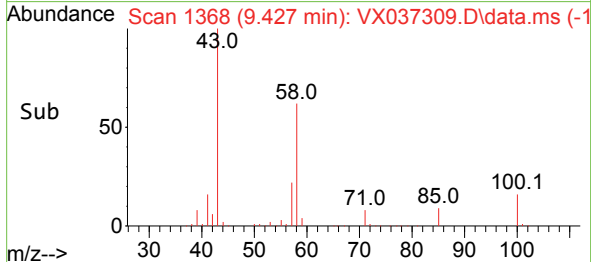
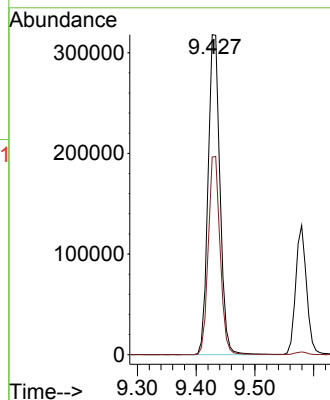
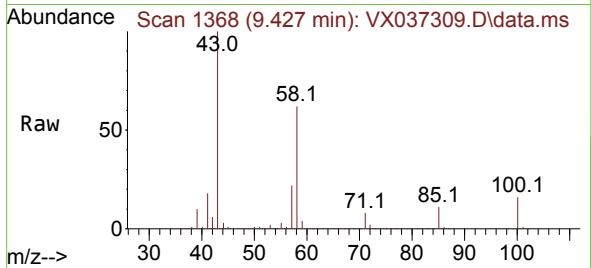




#59
2-Hexanone
Concen: 261.074 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

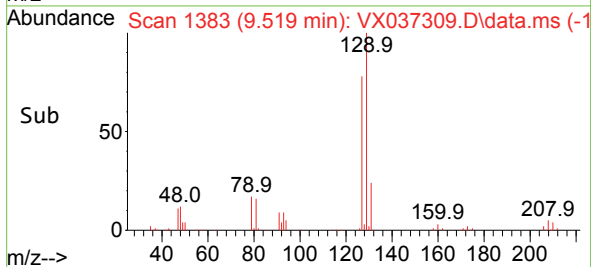
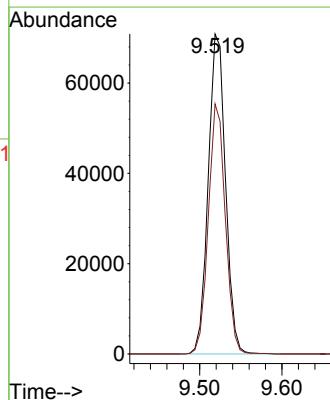
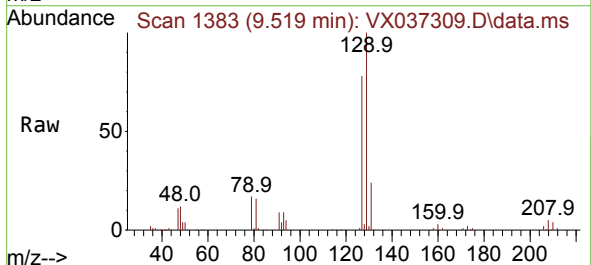
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

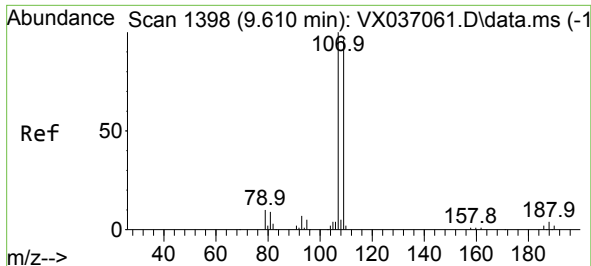
Tgt Ion: 43 Resp: 447476
Ion Ratio Lower Upper
43 100
58 61.5 26.2 78.5



#60
Dibromochloromethane
Concen: 55.079 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 129 Resp: 103288
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

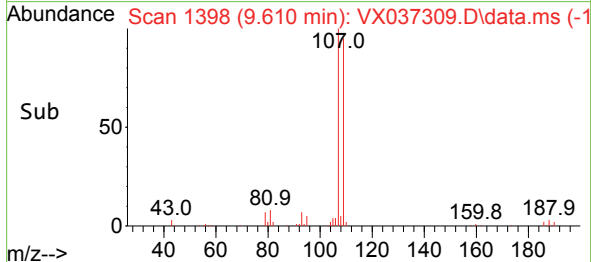
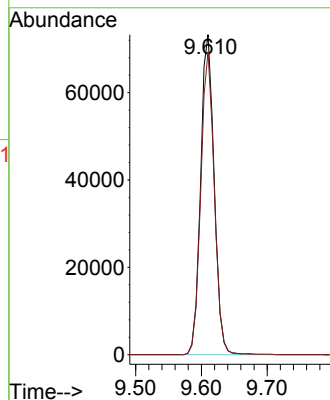
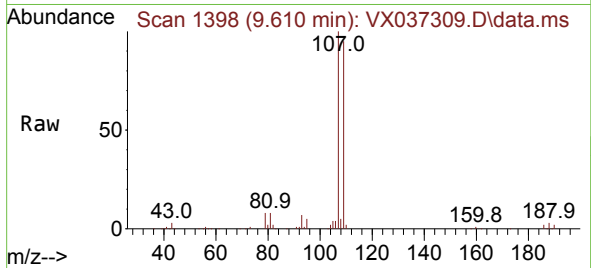




#61
1,2-Dibromoethane
Concen: 54.420 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

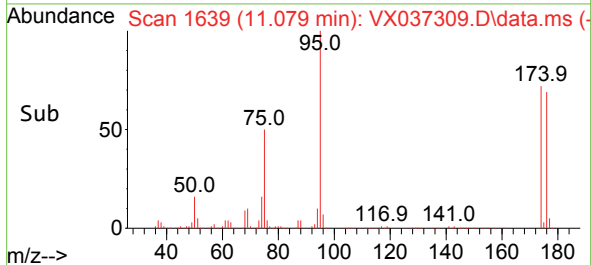
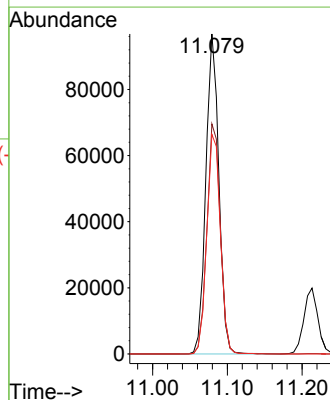
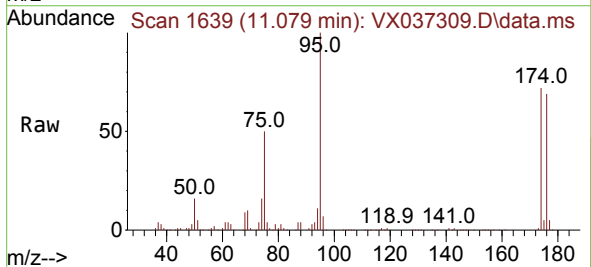
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

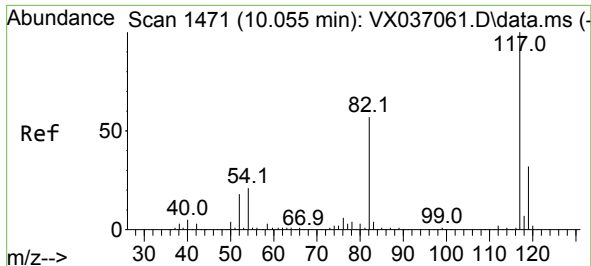
Tgt Ion:107 Resp: 104945
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 50.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 95 Resp: 116565
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 71.9 0.0 131.0

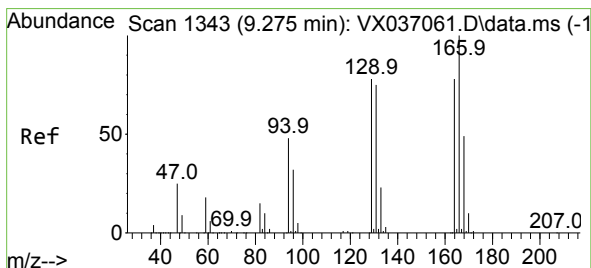
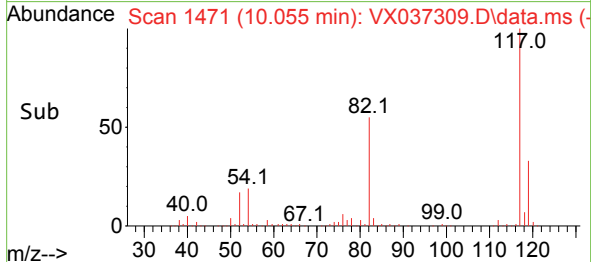
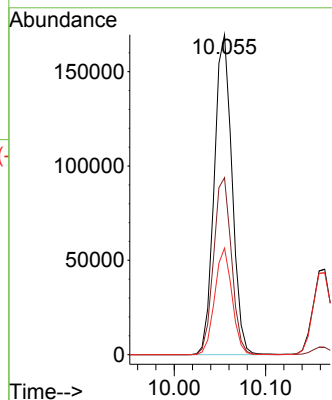
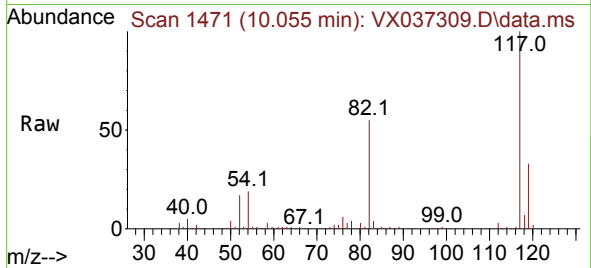




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

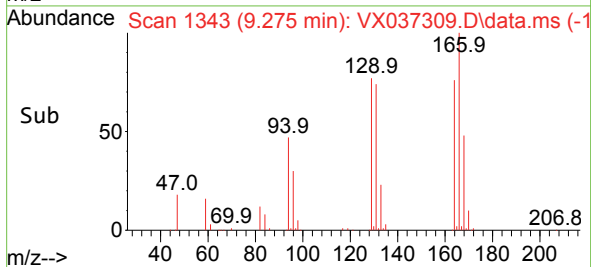
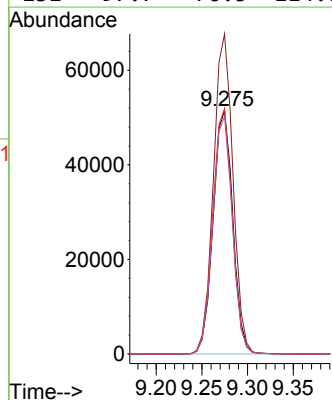
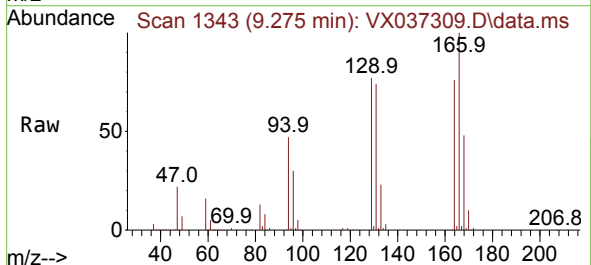
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

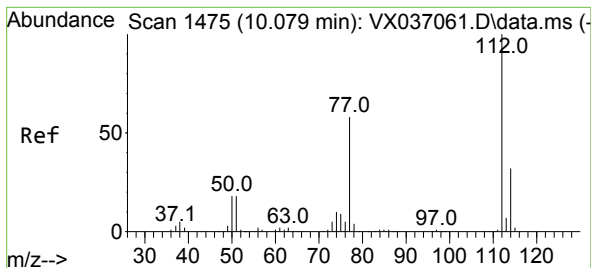
Tgt Ion:117 Resp: 229164
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 45.963 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion:164 Resp: 76840
Ion Ratio Lower Upper
164 100
166 131.5 102.7 154.1
129 101.0 80.4 120.6
131 97.7 76.5 114.7

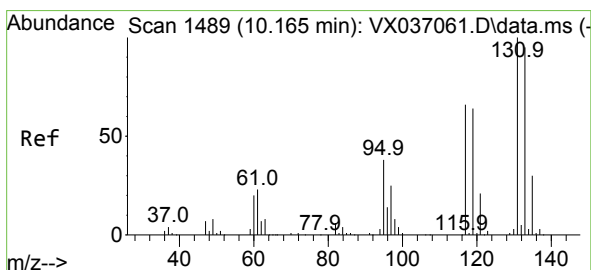
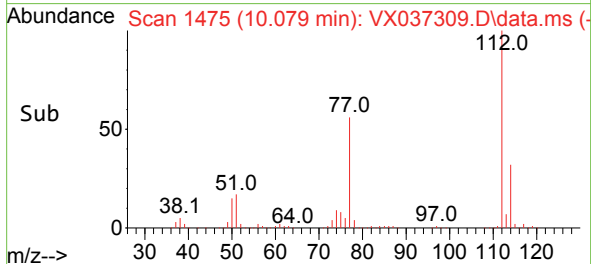
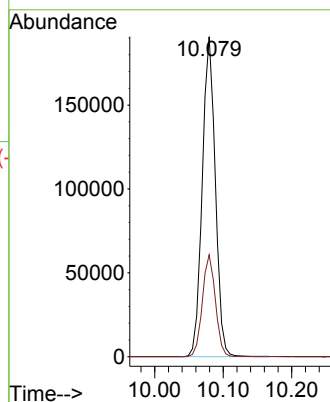
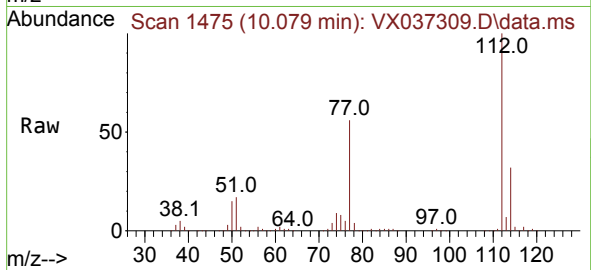




#65
Chlorobenzene
Concen: 52.339 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

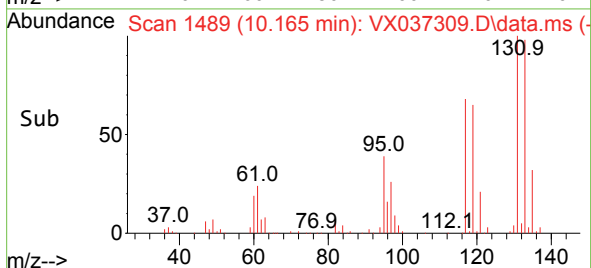
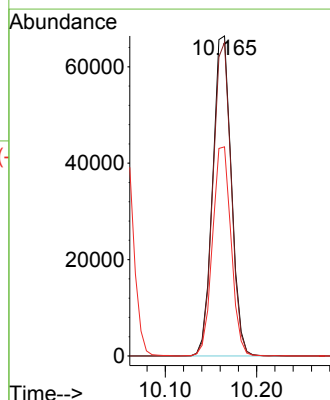
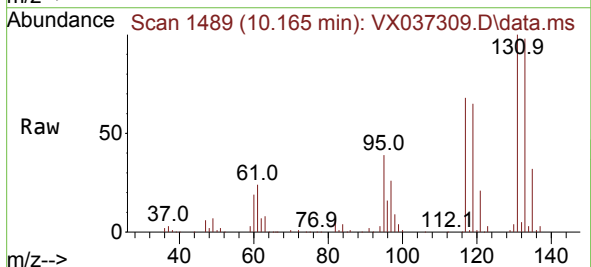
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

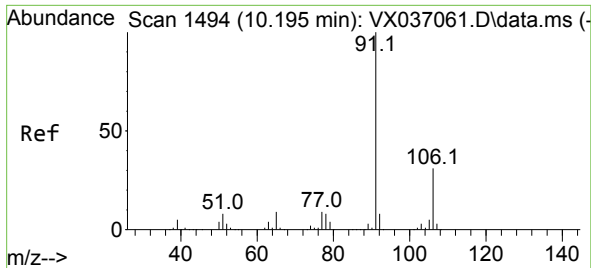
Tgt Ion:112 Resp: 253501
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.529 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion:131 Resp: 93902
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 65.3 32.2 96.6

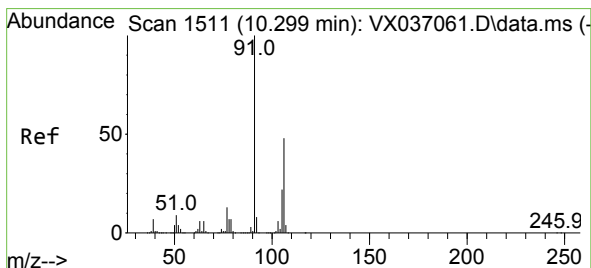
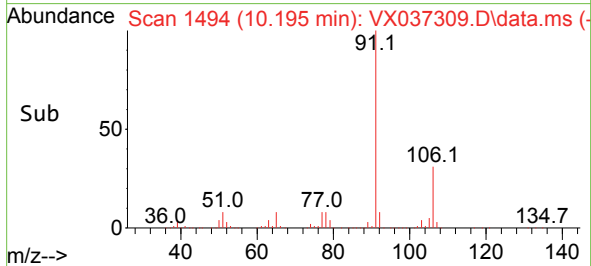
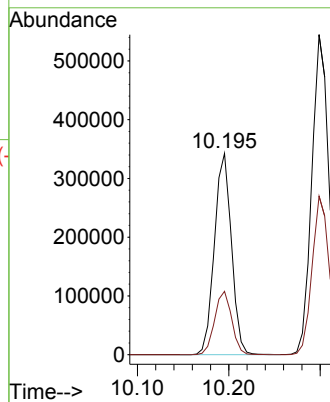
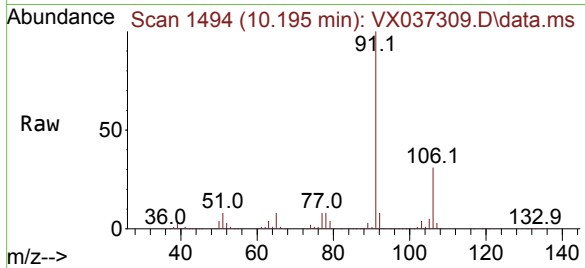




#67
Ethyl Benzene
Concen: 51.994 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

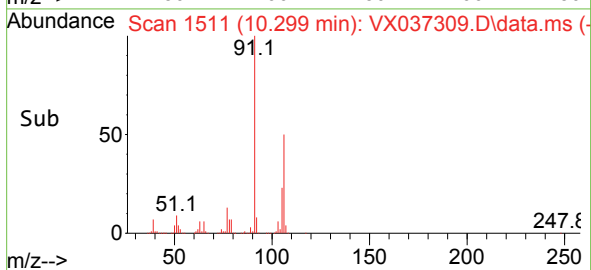
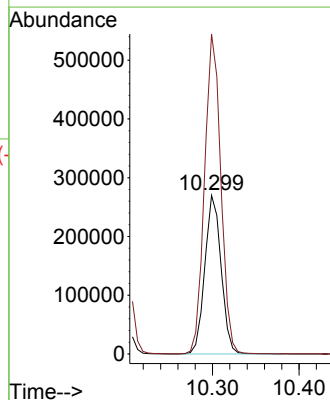
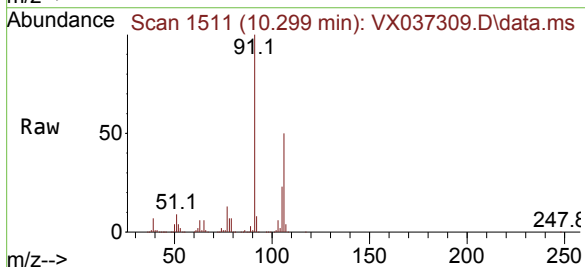
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

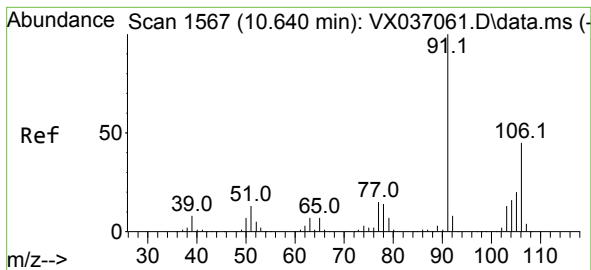
Tgt Ion: 91 Resp: 443130
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 106.884 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 106 Resp: 351779
Ion Ratio Lower Upper
106 100
91 202.7 165.5 248.3

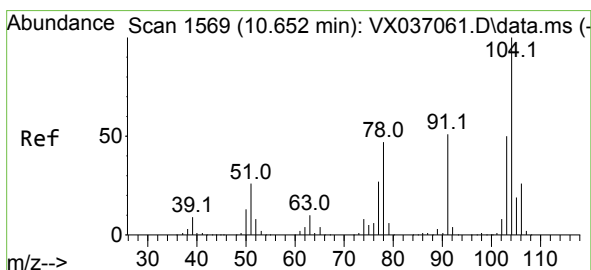
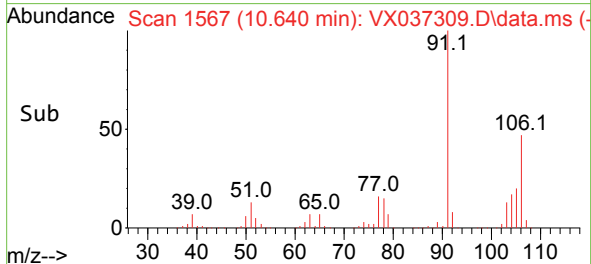
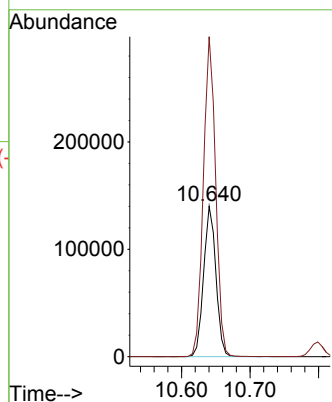
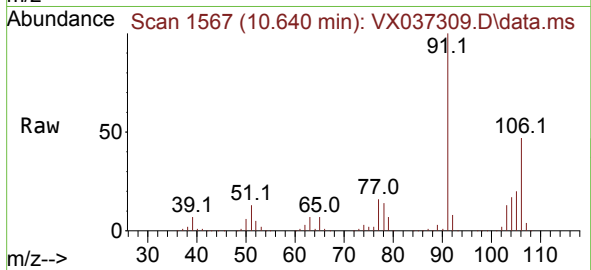




#69
o-Xylene
Concen: 53.977 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

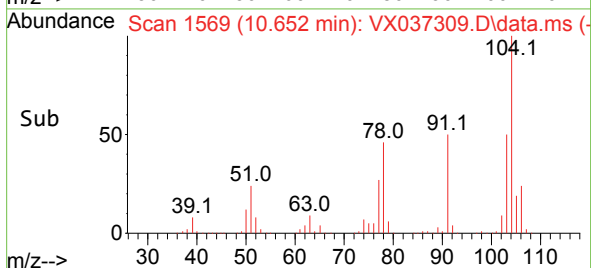
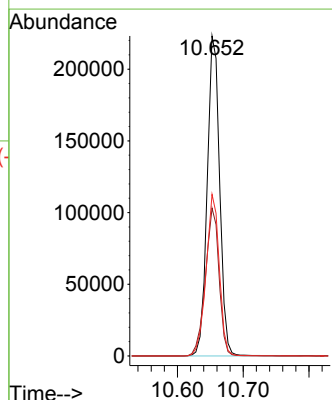
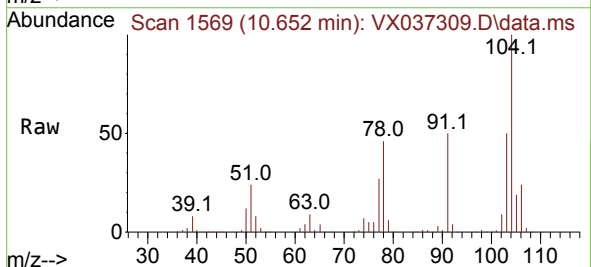
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

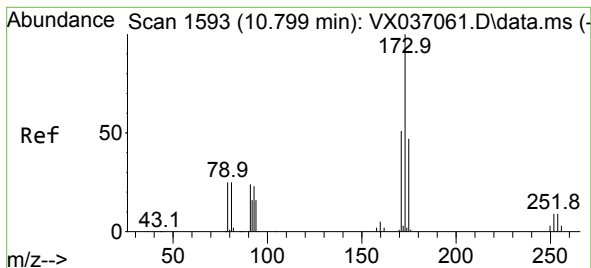
Tgt Ion:106 Resp: 175272
Ion Ratio Lower Upper
106 100
91 212.1 108.9 326.8



#70
Styrene
Concen: 54.905 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion:104 Resp: 293681
Ion Ratio Lower Upper
104 100
78 50.8 43.6 65.4
103 53.6 43.6 65.4





#71

Bromoform

Concen: 56.483 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

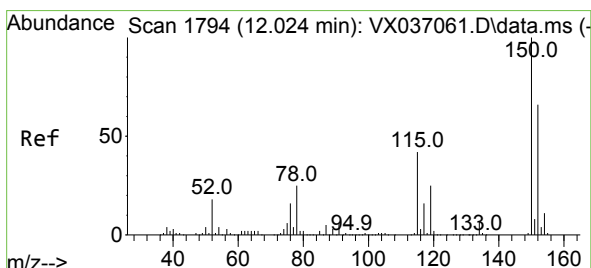
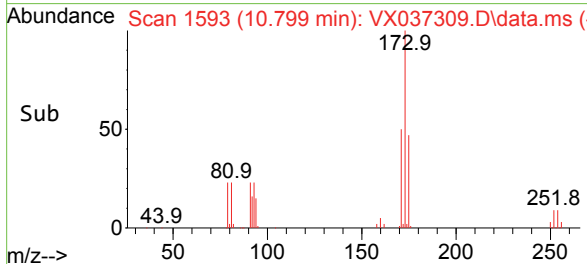
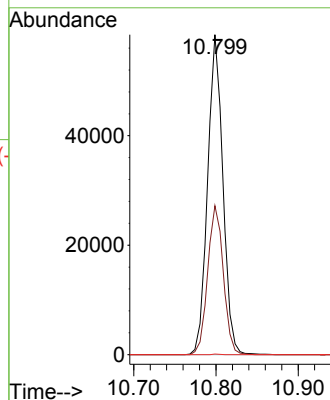
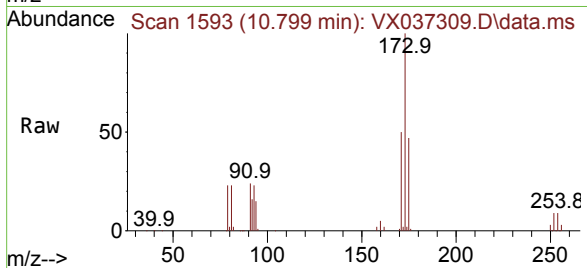
Tgt Ion:173 Resp: 75527

Ion Ratio Lower Upper

173 100

175 47.6 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

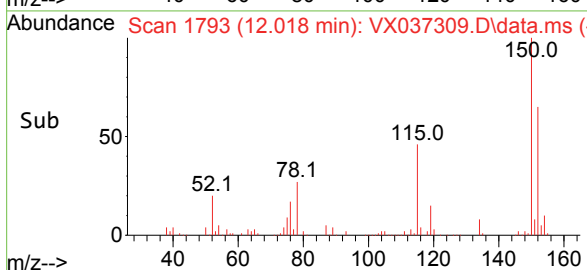
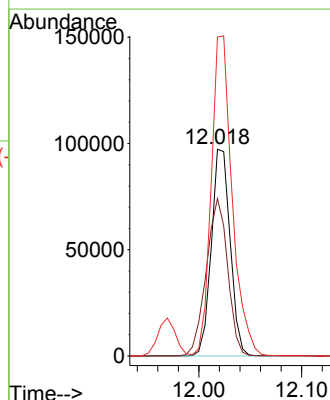
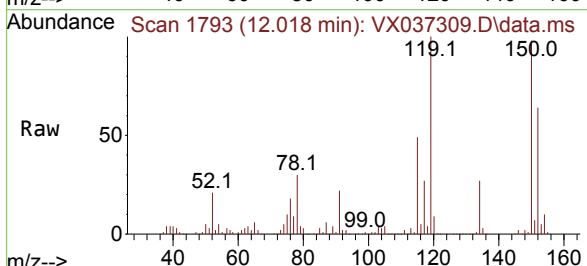
Tgt Ion:152 Resp: 123870

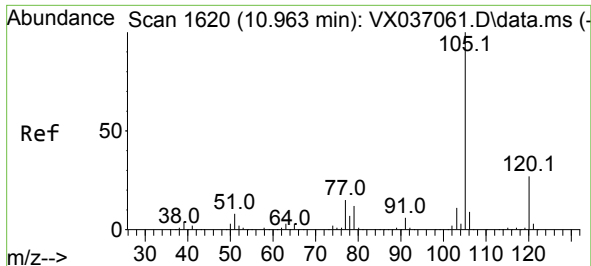
Ion Ratio Lower Upper

152 100

115 87.1 43.3 129.9

150 172.1 0.0 345.0

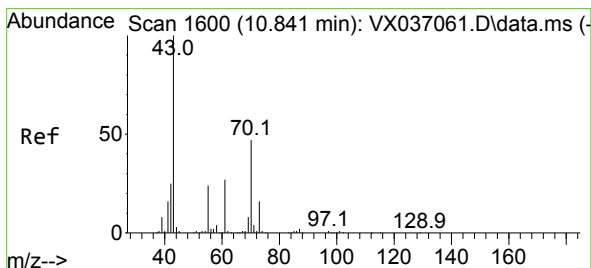
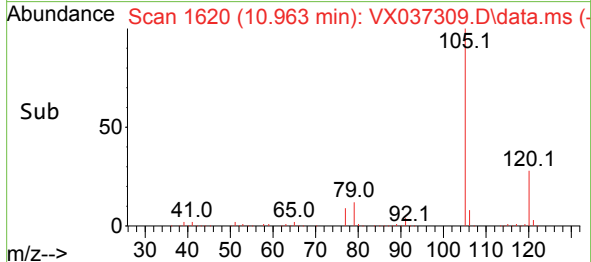
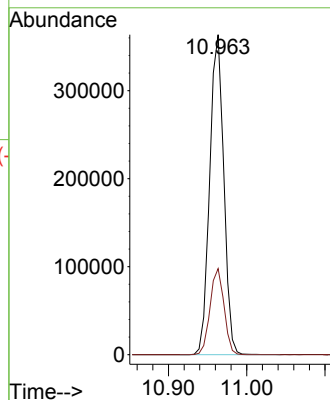
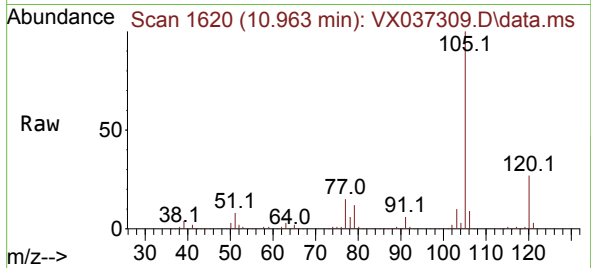




#73
Isopropylbenzene
Concen: 50.279 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

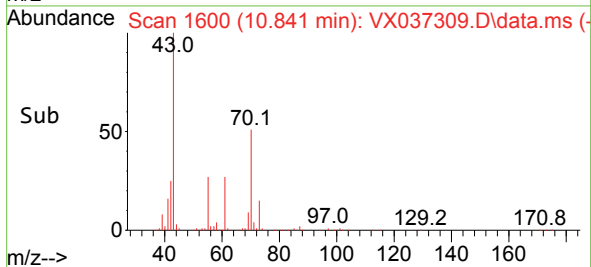
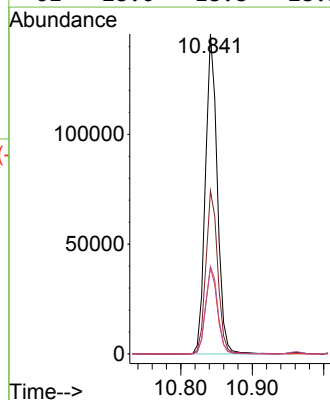
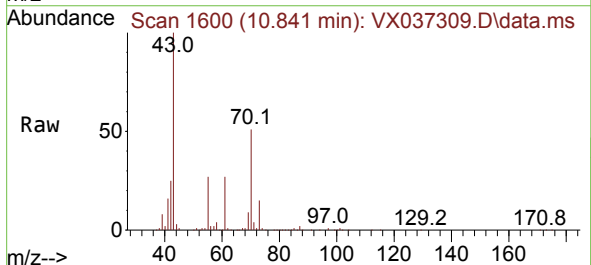
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

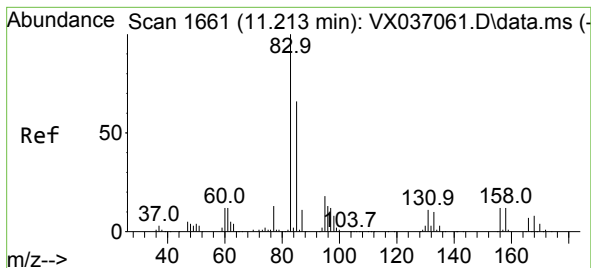
Tgt Ion:105 Resp: 452691
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6



#74
N-ethyl acetate
Concen: 48.096 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 43 Resp: 168259
Ion Ratio Lower Upper
43 100
70 51.2 32.9 49.3#
55 27.0 19.3 28.9
61 28.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.070 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

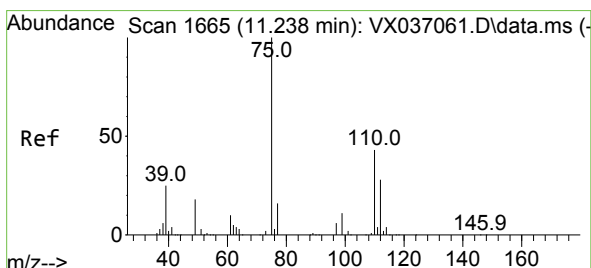
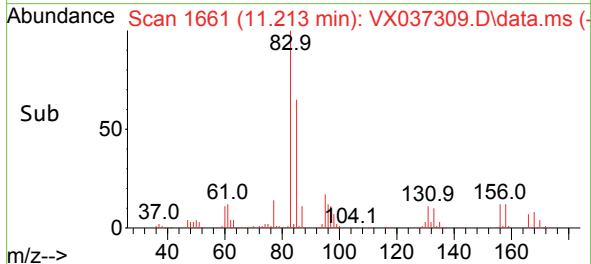
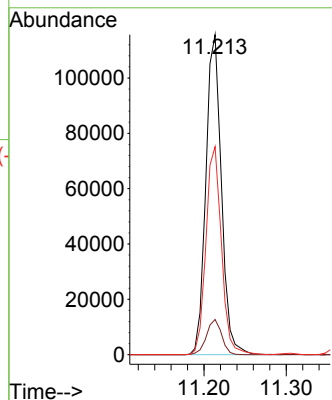
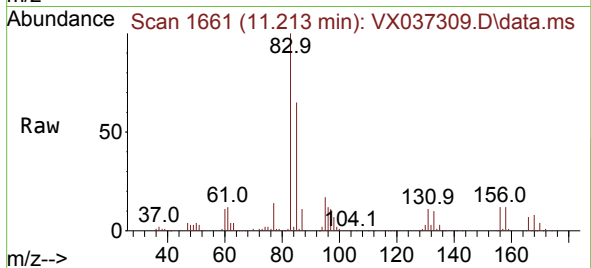
Tgt Ion: 83 Resp: 151819

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.8

85 64.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 62.754 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037309.D

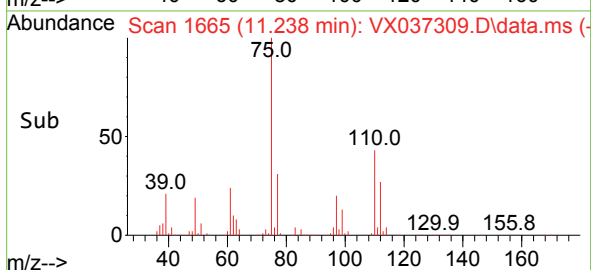
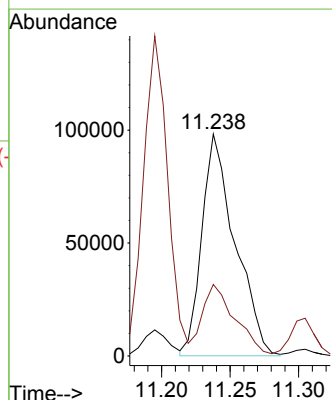
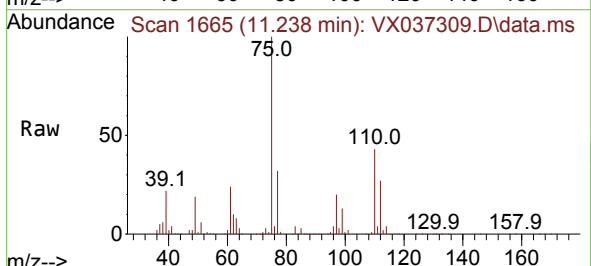
Acq: 28 Aug 2023 23:53

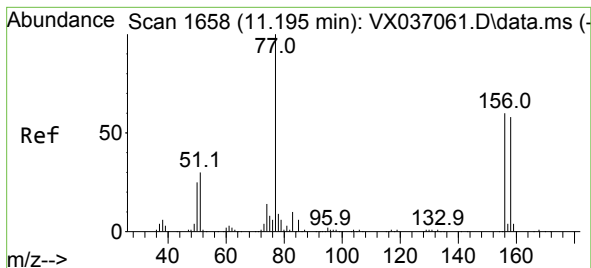
Tgt Ion: 75 Resp: 165548

Ion Ratio Lower Upper

75 100

77 32.1 19.1 57.5





#77

Bromobenzene

Concen: 49.634 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

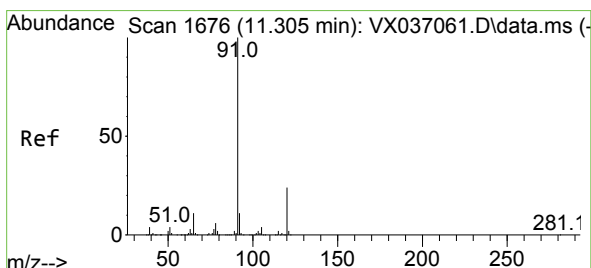
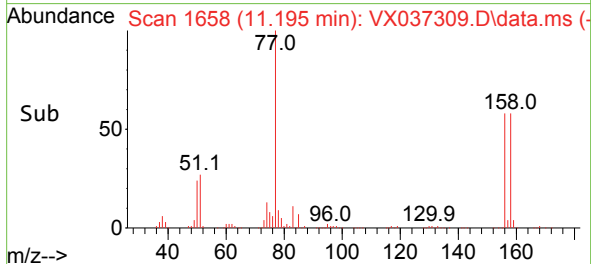
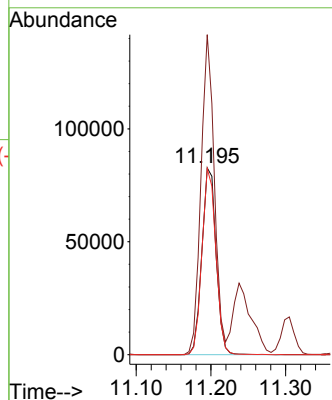
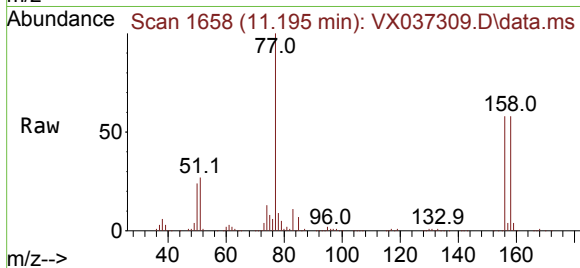
Tgt Ion:156 Resp: 109139

Ion Ratio Lower Upper

156 100

77 161.2 88.4 265.3

158 97.9 48.0 144.0



#78

n-propylbenzene

Concen: 51.864 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037309.D

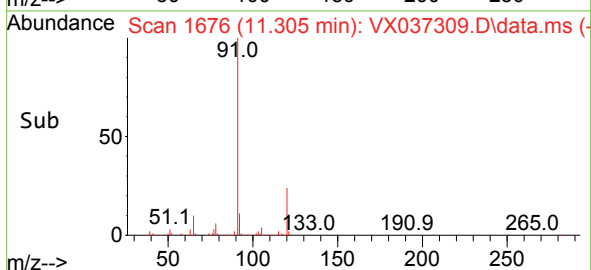
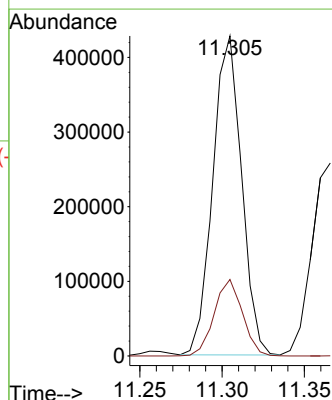
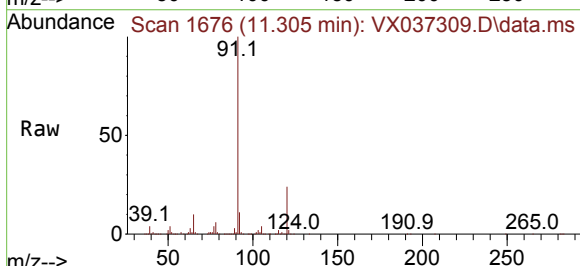
Acq: 28 Aug 2023 23:53

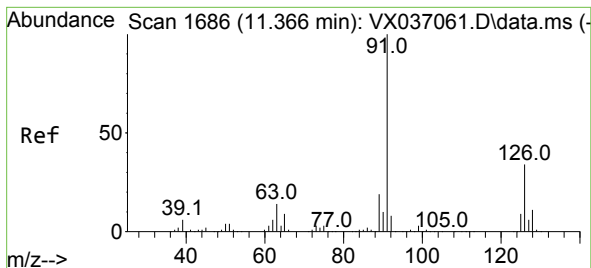
Tgt Ion: 91 Resp: 519961

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.536 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

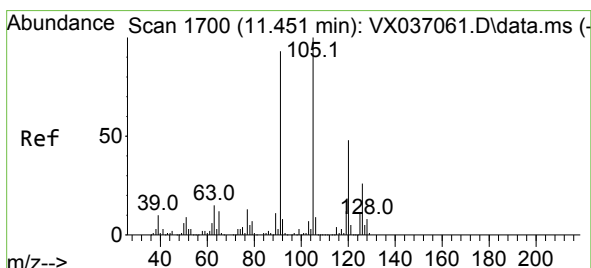
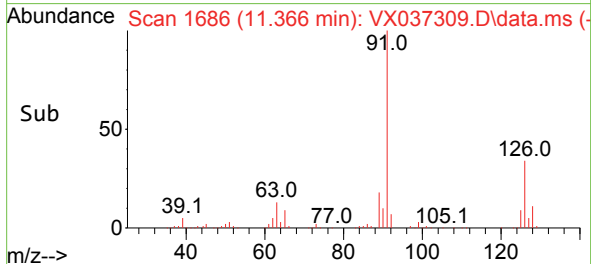
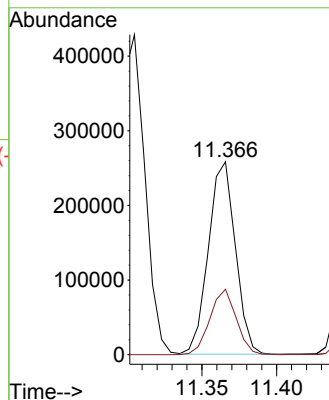
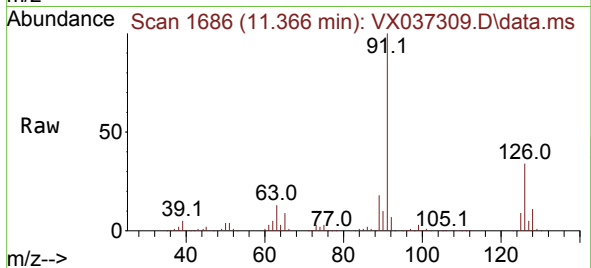
VSTDCCC050

Tgt Ion: 91 Resp: 323770

Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.811 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037309.D

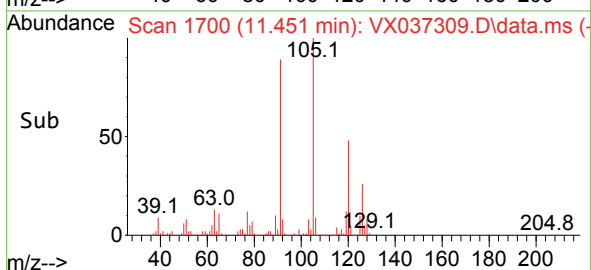
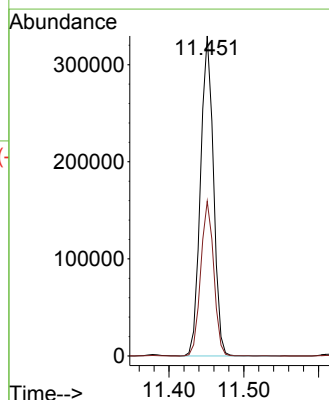
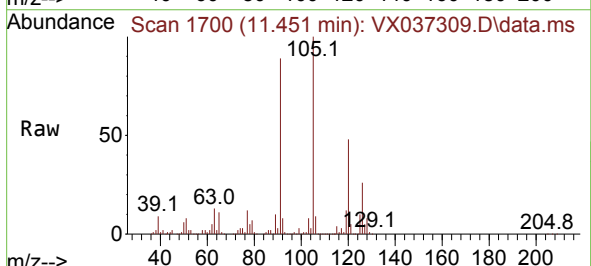
Acq: 28 Aug 2023 23:53

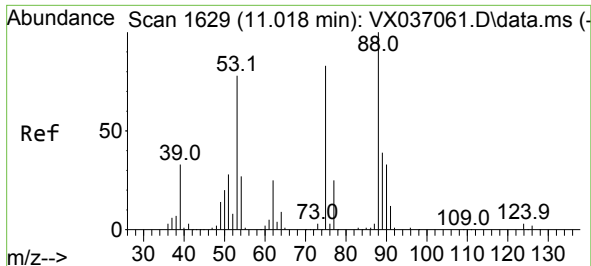
Tgt Ion: 105 Resp: 396636

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3

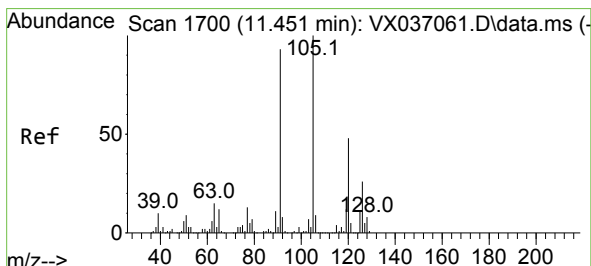
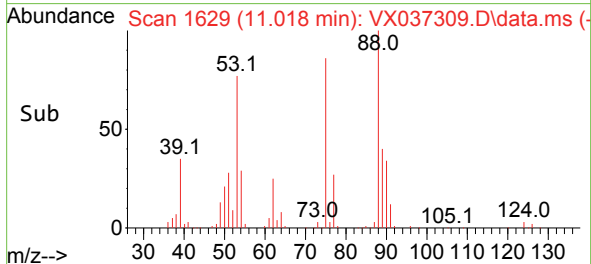
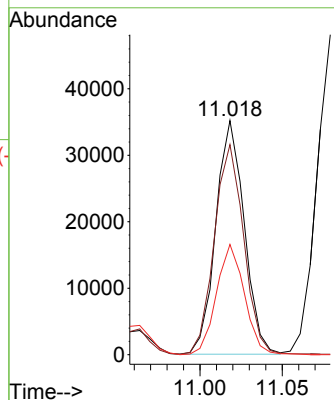
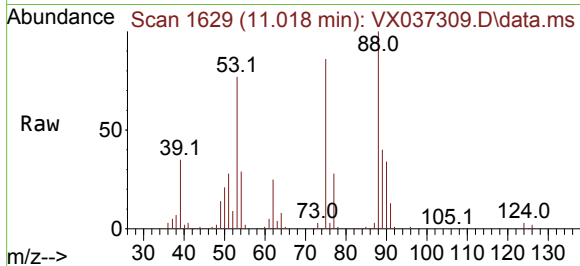




#81
trans-1,4-Dichloro-2-butene
Concen: 44.761 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

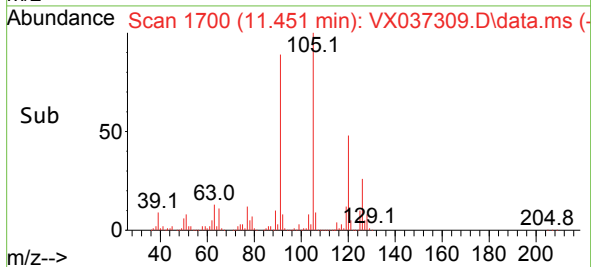
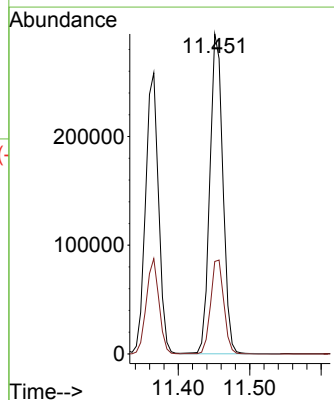
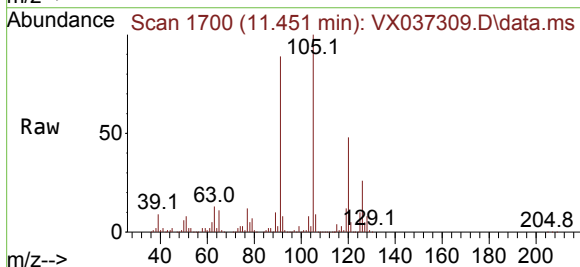
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

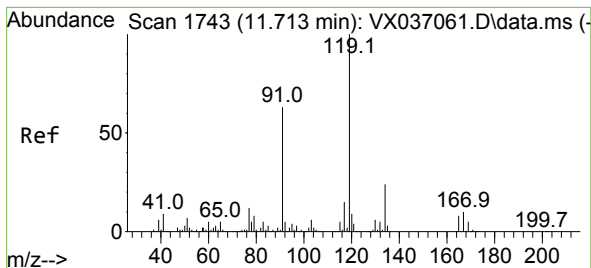
Tgt Ion: 75 Resp: 42277
Ion Ratio Lower Upper
75 100
53 93.6 90.5 135.7
89 46.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.308 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037309.D
Acq: 28 Aug 2023 23:53

Tgt Ion: 91 Resp: 372050
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.245 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

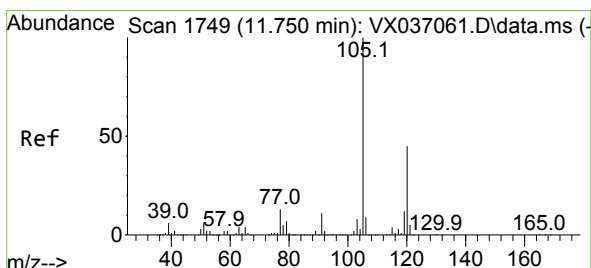
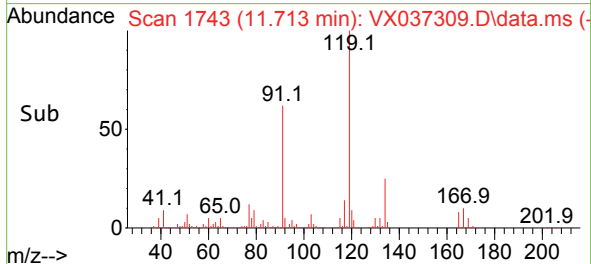
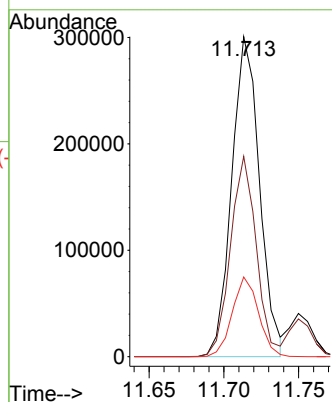
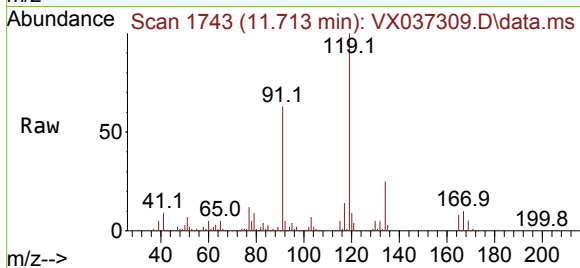
Tgt Ion:119 Resp: 388545

Ion Ratio Lower Upper

119 100

91 58.4 31.2 93.6

134 23.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.548 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037309.D

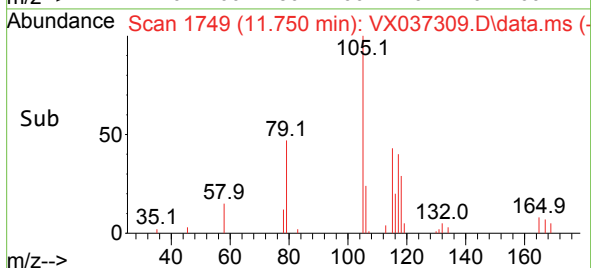
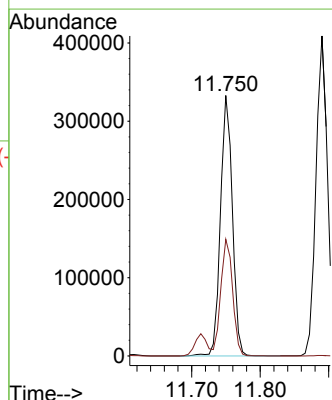
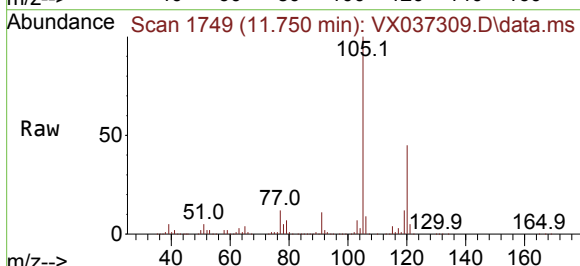
Acq: 28 Aug 2023 23:53

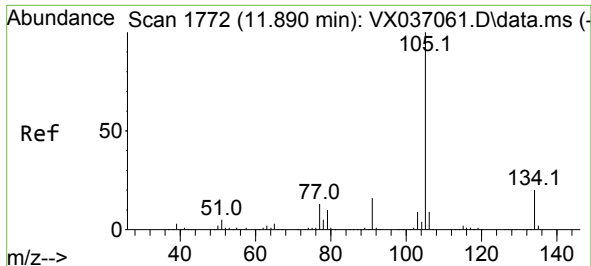
Tgt Ion:105 Resp: 398863

Ion Ratio Lower Upper

105 100

120 44.3 21.2 63.6

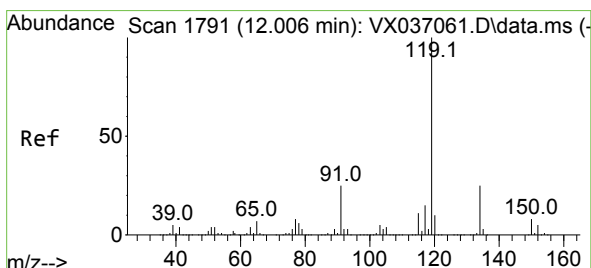
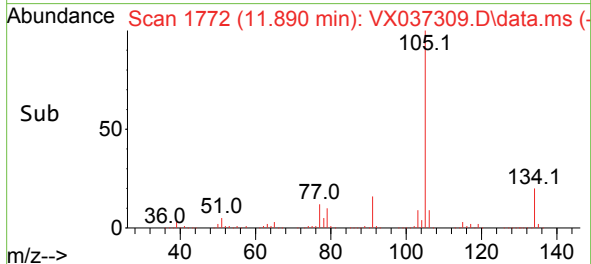
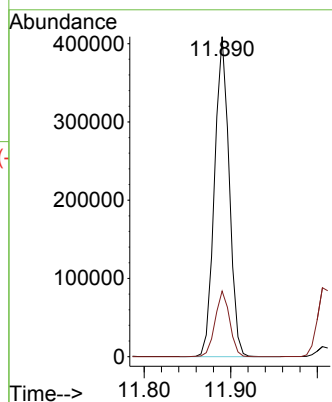
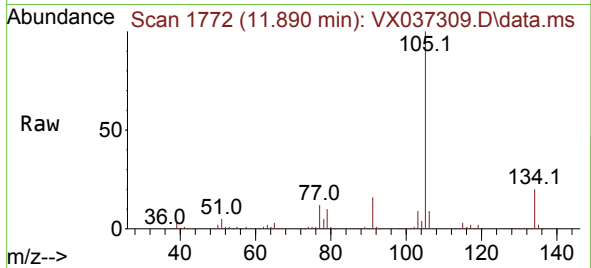




#85
 sec-Butylbenzene
 Concen: 57.497 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

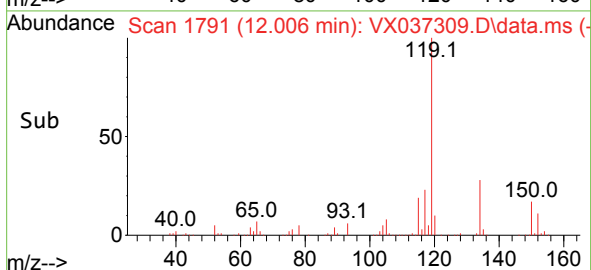
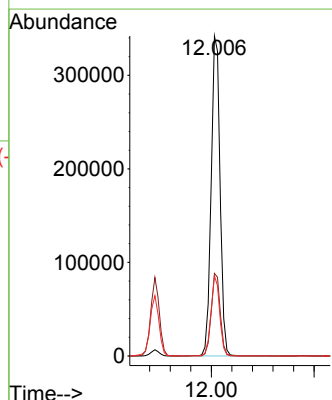
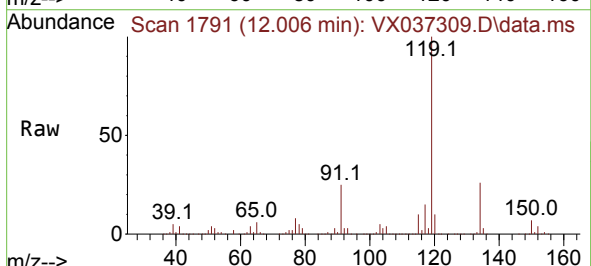
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

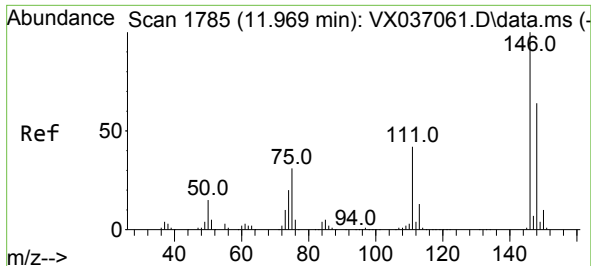
Tgt Ion:105 Resp: 481042
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 57.203 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

Tgt Ion:119 Resp: 411988
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 24.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.601 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

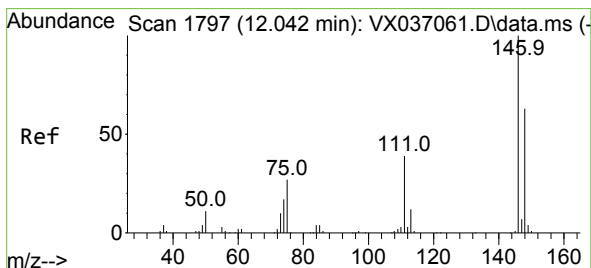
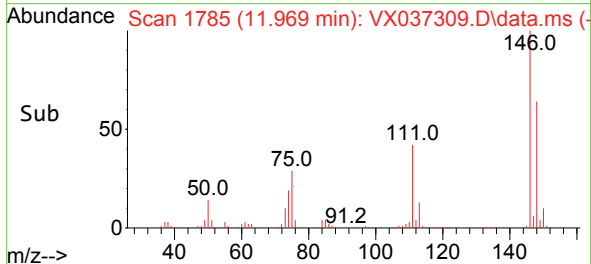
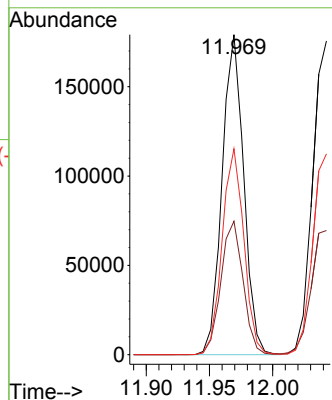
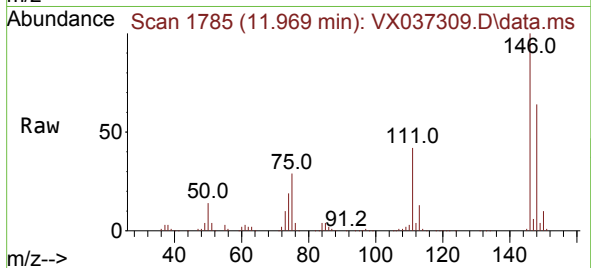
Tgt Ion:146 Resp: 212430

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.1

148 64.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.172 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

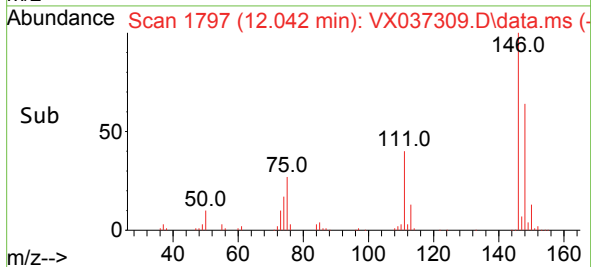
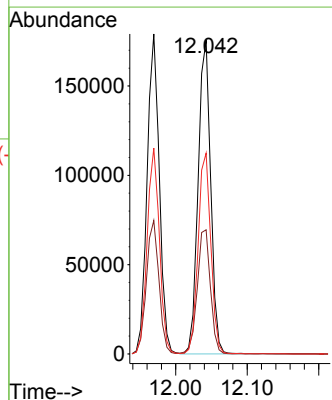
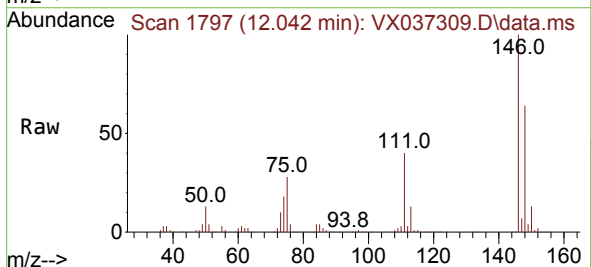
Tgt Ion:146 Resp: 213398

Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 57.683 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

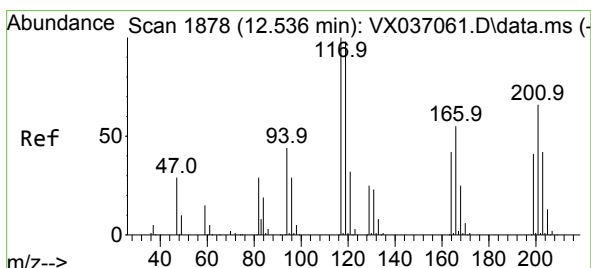
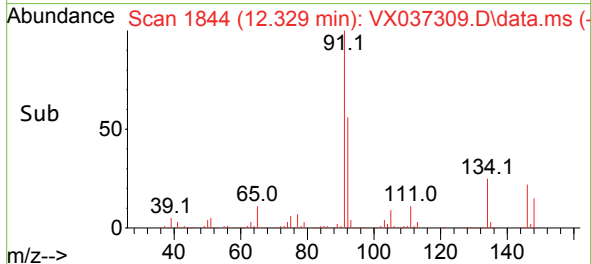
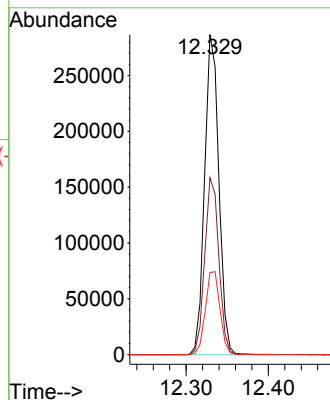
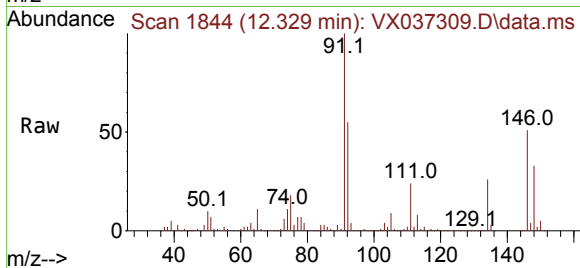
Tgt Ion: 91 Resp: 344433

Ion Ratio Lower Upper

91 100

92 55.0 27.4 82.0

134 26.7 12.6 37.8



#90

Hexachloroethane

Concen: 60.029 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037309.D

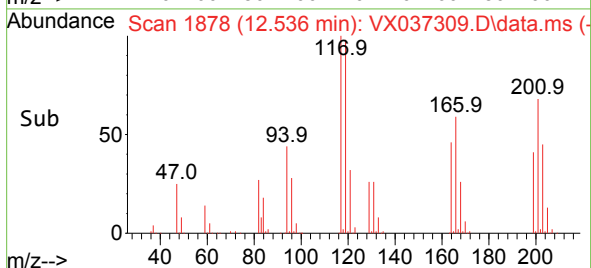
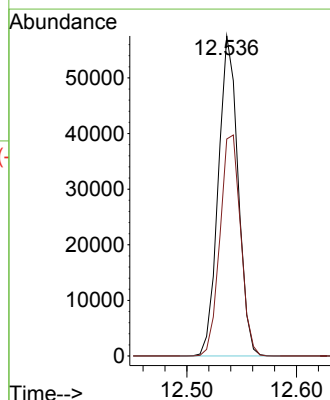
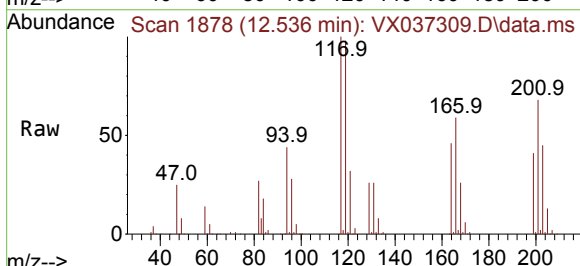
Acq: 28 Aug 2023 23:53

Tgt Ion: 117 Resp: 72161

Ion Ratio Lower Upper

117 100

201 72.1 32.9 98.6

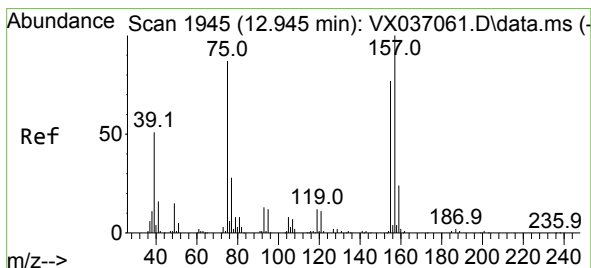
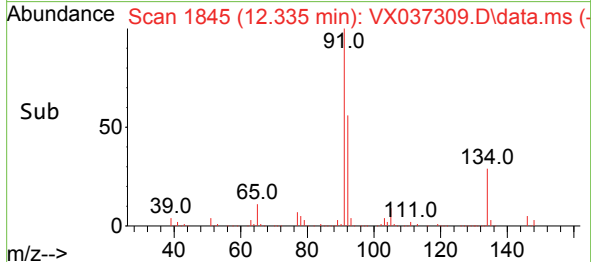
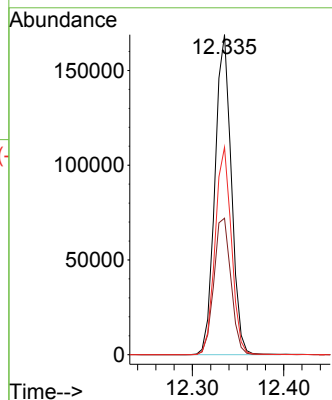
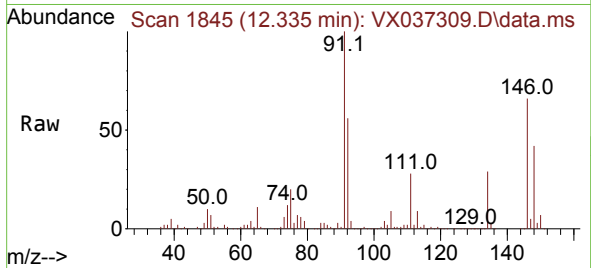




#91
 1,2-Dichlorobenzene
 Concen: 52.222 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

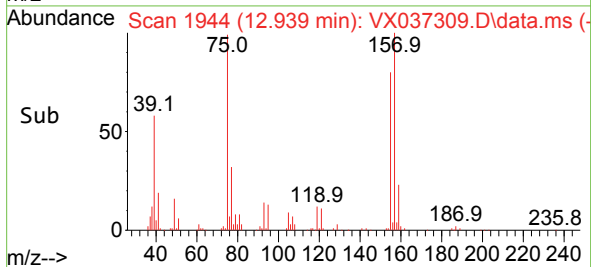
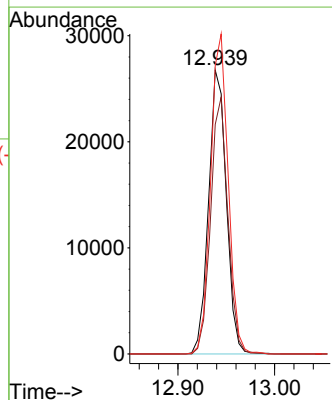
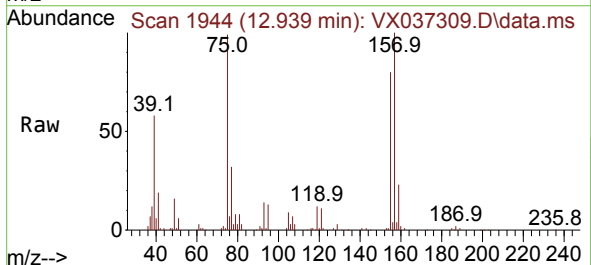
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

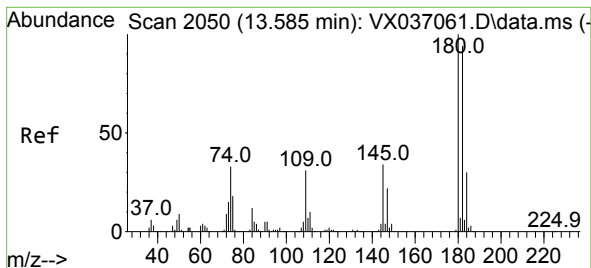
Tgt Ion:146 Resp: 210521
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.4 67.0
 148 64.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.542 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX037309.D
 Acq: 28 Aug 2023 23:53

Tgt Ion: 75 Resp: 34200
 Ion Ratio Lower Upper
 75 100
 155 87.9 36.1 108.5
 157 111.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.923 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

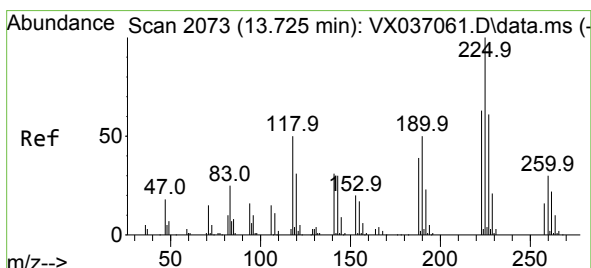
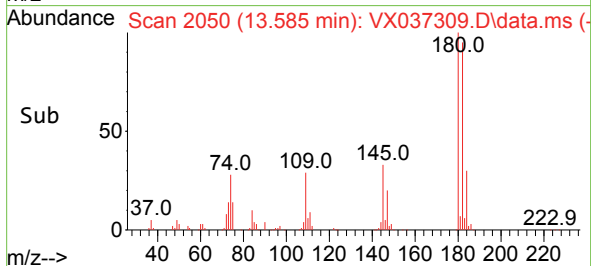
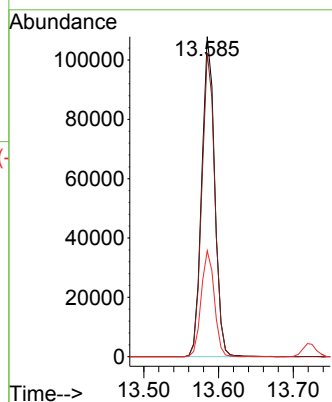
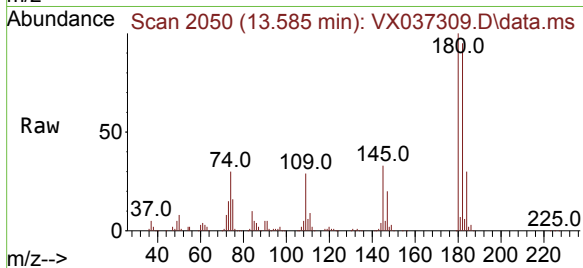
Tgt Ion:180 Resp: 129550

Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.8

145 33.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 59.724 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

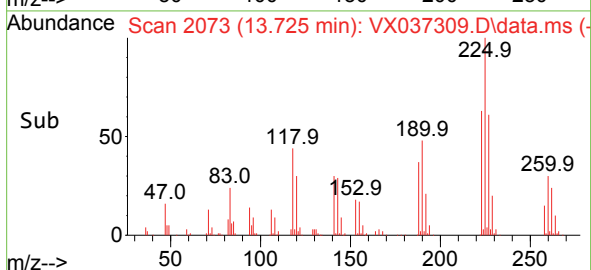
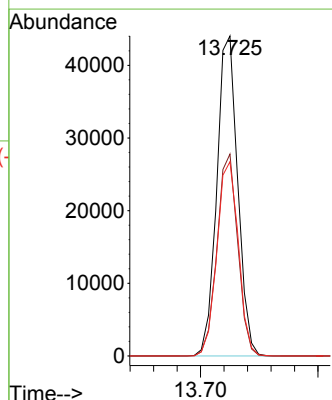
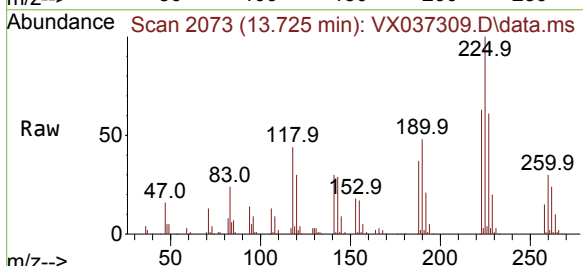
Tgt Ion:225 Resp: 54423

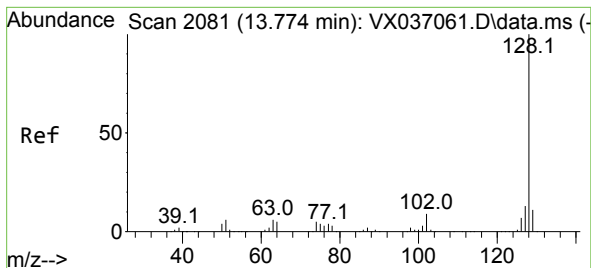
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

227 62.2 32.5 97.5





#95

Naphthalene

Concen: 44.050 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

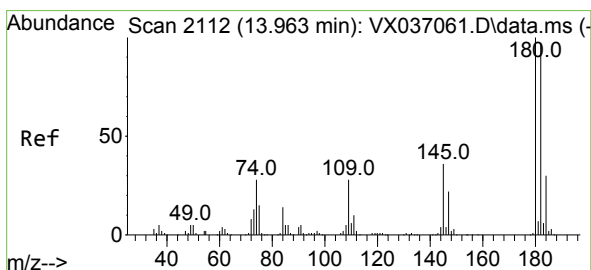
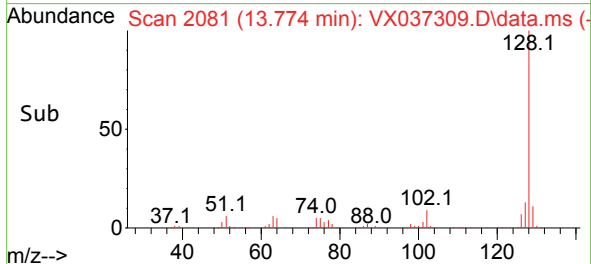
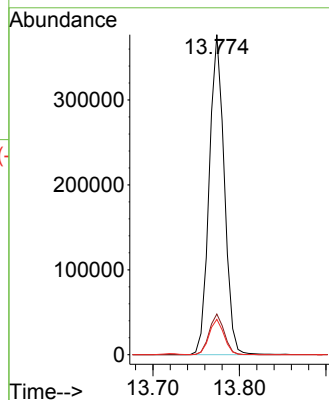
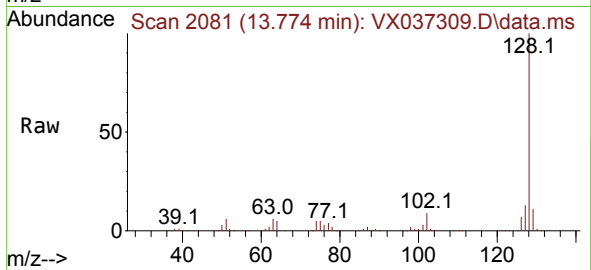
Tgt Ion:128 Resp: 455138

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 55.213 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX037309.D

Acq: 28 Aug 2023 23:53

Tgt Ion:180 Resp: 129389

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

145 35.5 17.8 53.5

