

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013262.D
 Acq On : 12 Apr 2023 11:55
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 13 04:56:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 04:49:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	270728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	421713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	373077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	160303	49.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.540%
35) Dibromofluoromethane	7.716	113	132304	48.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.920%
50) Toluene-d8	10.179	98	508844	50.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.477	95	166445	50.410	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	117592	48.261	ug/l	99
3) Chloromethane	2.107	50	145217	47.571	ug/l	99
4) Vinyl Chloride	2.247	62	139136	48.074	ug/l	98
5) Bromomethane	2.650	94	103182	46.491	ug/l	94
6) Chloroethane	2.790	64	91308	46.781	ug/l	98
7) Trichlorofluoromethane	3.125	101	212785	47.237	ug/l	98
8) Diethyl Ether	3.528	74	77913	47.606	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.900	101	127266	48.078	ug/l	99
10) Methyl Iodide	4.088	142	168396	51.863	ug/l	96
11) Tert butyl alcohol	4.972	59	99327	191.028	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	123584	48.511	ug/l	93
13) Acrolein	3.729	56	98822	247.255	ug/l	99
14) Allyl chloride	4.479	41	237516	48.807	ug/l	95
15) Acrylonitrile	5.161	53	239186	254.330	ug/l	99
16) Acetone	3.948	43	286520	256.185	ug/l	94
17) Carbon Disulfide	4.192	76	405330	48.328	ug/l	100
18) Methyl Acetate	4.473	43	183986	50.853	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	384028	50.323	ug/l	100
20) Methylene Chloride	4.716	84	143480	41.314	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	142208	48.901	ug/l	96
22) Diisopropyl ether	6.113	45	481339	50.188	ug/l	93
23) Vinyl Acetate	6.052	43	1573313	259.496	ug/l	97
24) 1,1-Dichloroethane	6.015	63	257511	48.068	ug/l	99
25) 2-Butanone	6.984	43	369317	257.844	ug/l	93
26) 2,2-Dichloropropane	6.978	77	227072	47.244	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	156410	49.463	ug/l	96
28) Bromochloromethane	7.326	49	106173	49.727	ug/l	96
29) Tetrahydrofuran	7.344	42	232207	266.926	ug/l	97
30) Chloroform	7.503	83	257922	47.575	ug/l	97
31) Cyclohexane	7.783	56	231423	47.042	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	232621	47.430	ug/l	98
36) 1,1-Dichloropropene	7.911	75	198781	48.061	ug/l	99
37) Ethyl Acetate	7.070	43	169510	50.844	ug/l	96
38) Carbon Tetrachloride	7.899	117	217329	47.521	ug/l	99
39) Methylcyclohexane	9.179	83	240963	50.115	ug/l	96
40) Benzene	8.161	78	575772	48.099	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	216676	143.826	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	196017	48.296	ug/l	97
43) Isopropyl Acetate	8.271	43	280222	50.603	ug/l	96
44) Trichloroethene	8.935	130	146387	47.471	ug/l	96
45) 1,2-Dichloropropane	9.210	63	150567	48.461	ug/l	99
46) Dibromomethane	9.301	93	91509	48.937	ug/l	98
47) Bromodichloromethane	9.496	83	202129	47.284	ug/l	96
48) Methyl methacrylate	9.289	41	132566	52.117	ug/l	94
49) 1,4-Dioxane	9.307	88	25475	1005.508	ug/l #	74
51) 4-Methyl-2-Pentanone	10.069	43	783600	260.008	ug/l	97
52) Toluene	10.240	92	351282	48.598	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	221440	49.464	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	239732	48.837	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	117870	47.806	ug/l	98
56) Ethyl methacrylate	10.508	69	177267	52.509	ug/l	93
57) 1,3-Dichloropropane	10.789	76	206762	49.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	345684	245.234	ug/l	97
59) 2-Hexanone	10.831	43	583883	266.450	ug/l	96
60) Dibromochloromethane	10.984	129	150608	48.716	ug/l	99
61) 1,2-Dibromoethane	11.087	107	119237	49.663	ug/l	100
64) Tetrachloroethene	10.715	164	126440	48.039	ug/l	96
65) Chlorobenzene	11.514	112	373602	47.871	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	143120	48.867	ug/l	99
67) Ethyl Benzene	11.593	91	672522	49.477	ug/l	100
68) m/p-Xylenes	11.703	106	512357	98.517	ug/l	96
69) o-Xylene	12.026	106	240252	49.880	ug/l	98
70) Styrene	12.044	104	411693	50.607	ug/l	98
71) Bromoform	12.203	173	101622	50.085	ug/l #	98
73) Isopropylbenzene	12.325	105	633166	49.765	ug/l	99
74) N-amyl acetate	12.142	43	232793	51.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	155344	49.425	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	204312	80.762	ug/l #	100
77) Bromobenzene	12.605	156	157297	49.439	ug/l	99
78) n-propylbenzene	12.672	91	787782	50.134	ug/l	100
79) 2-Chlorotoluene	12.758	91	440307	49.780	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	534713	50.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	56510	50.745	ug/l	92
82) 4-Chlorotoluene	12.855	91	458091	49.126	ug/l	98
83) tert-Butylbenzene	13.075	119	458398	50.128	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	525429	50.659	ug/l	98
85) sec-Butylbenzene	13.251	105	681723	49.851	ug/l	99
86) p-Isopropyltoluene	13.367	119	565042	50.354	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	295581	48.194	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	298613	48.180	ug/l	99
89) n-Butylbenzene	13.697	91	536257	49.965	ug/l	98
90) Hexachloroethane	13.959	117	110932	47.412	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	269773	48.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28952	50.724	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	165750	49.970	ug/l	99
94) Hexachlorobutadiene	15.111	225	94789	48.260	ug/l	98
95) Naphthalene	15.239	128	379809	52.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	149200	49.372	ug/l	99

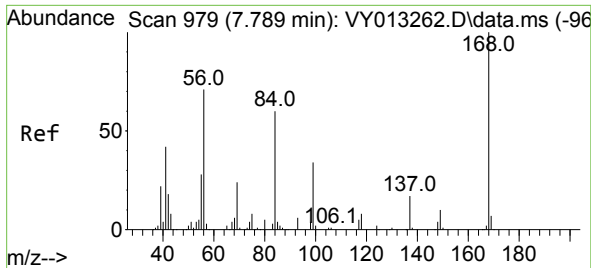
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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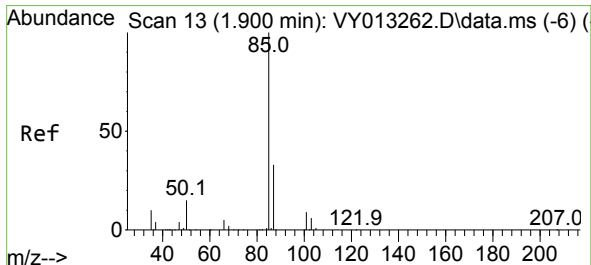
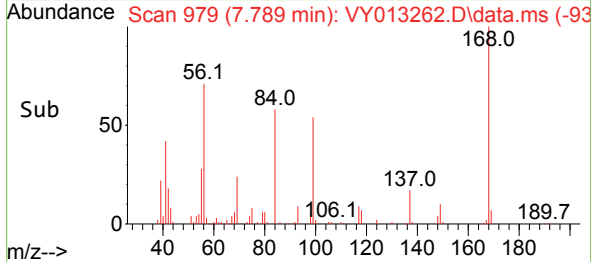
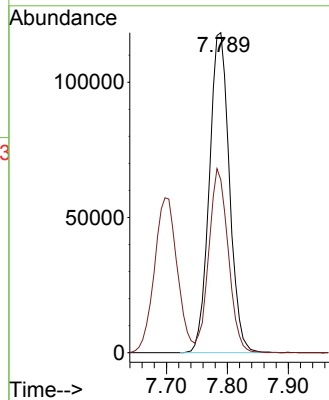
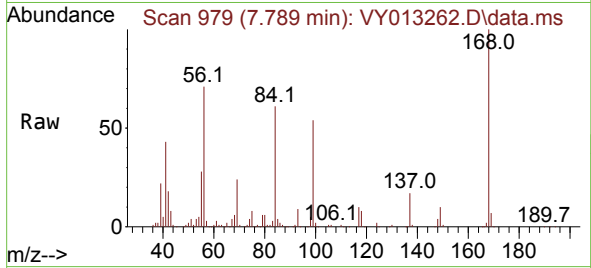
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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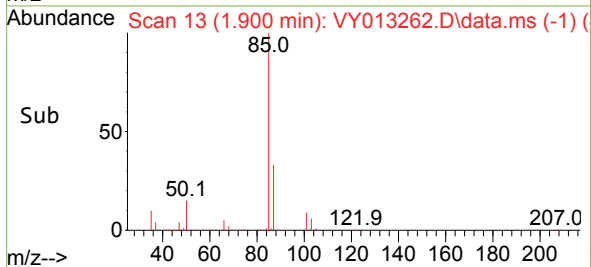
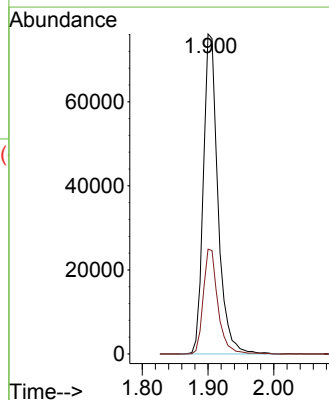
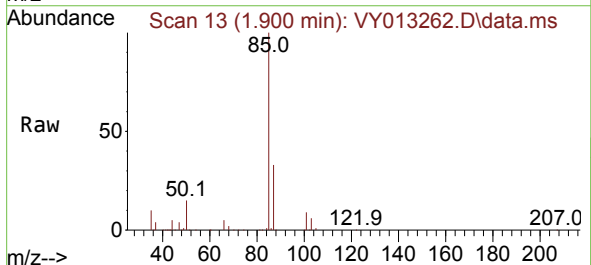
Instrument :
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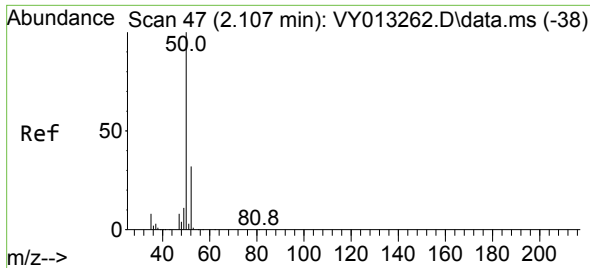
Tgt Ion:168 Resp: 270728
Ion Ratio Lower Upper
168 100
99 53.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 48.261 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 85 Resp: 117592
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0

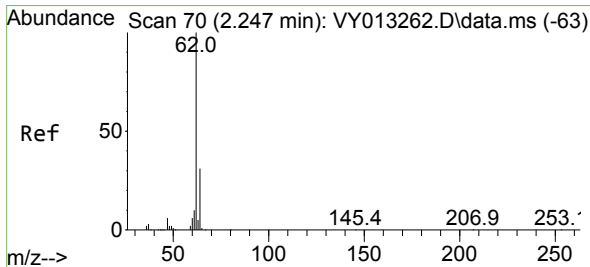
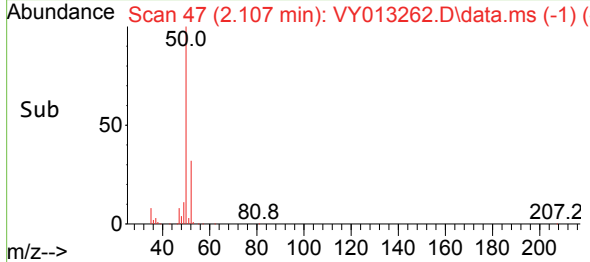
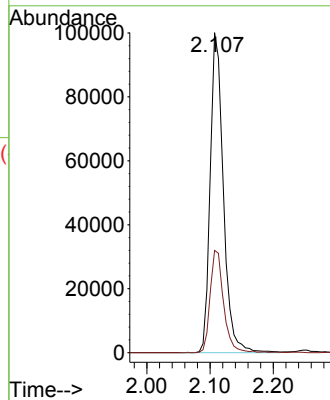
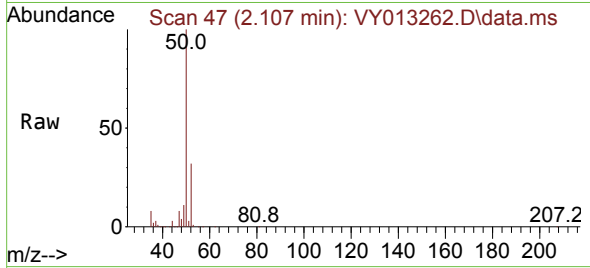




#3
Chloromethane
Concen: 47.571 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

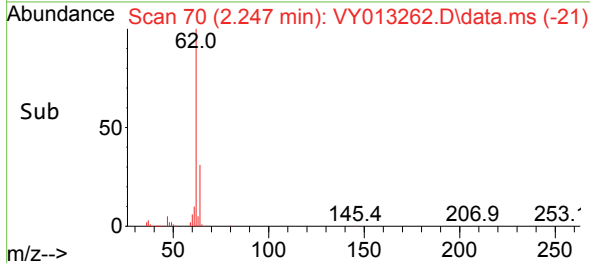
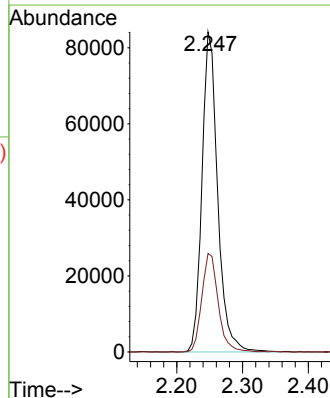
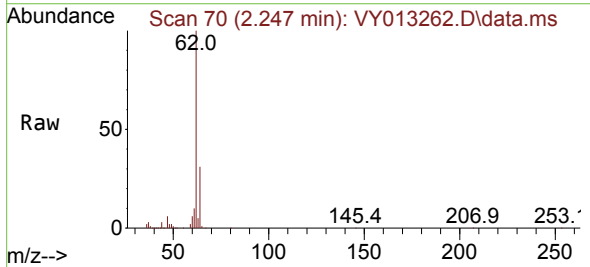
Instrument :
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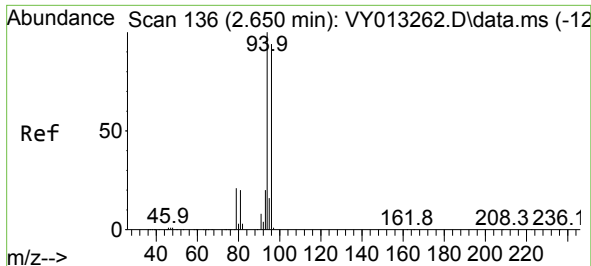
Tgt Ion: 50 Resp: 145217
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 48.074 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 62 Resp: 139136
Ion Ratio Lower Upper
62 100
64 30.8 25.6 38.4

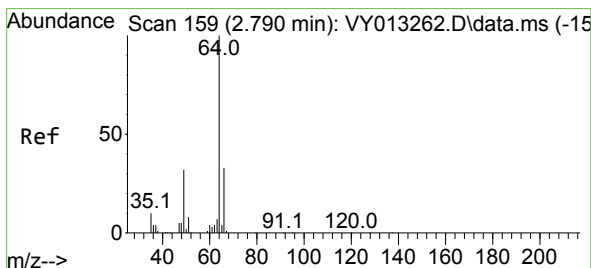
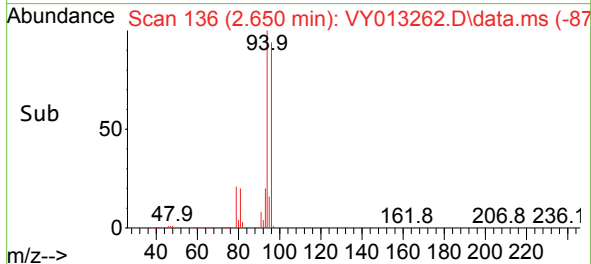
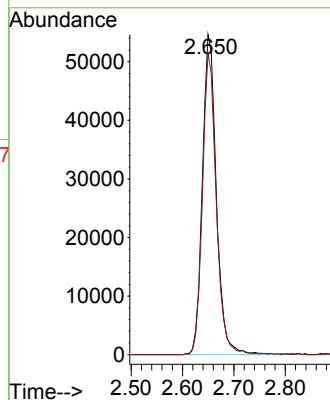
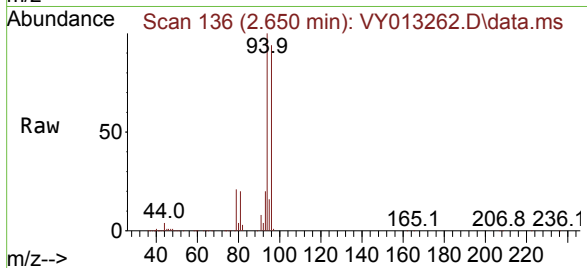




#5
Bromomethane
Concen: 46.491 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

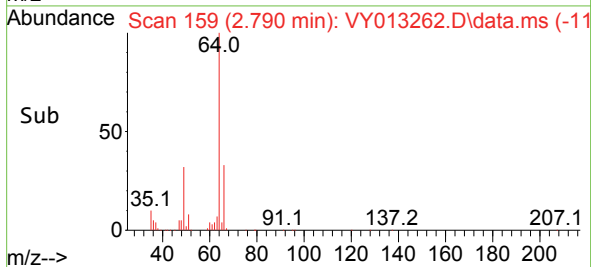
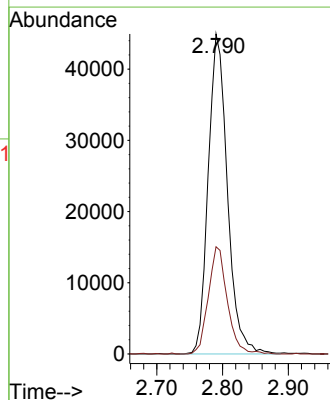
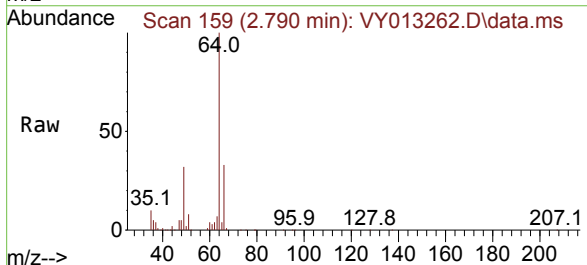
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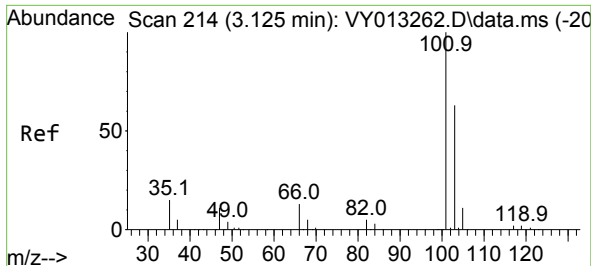
Tgt Ion: 94 Resp: 103182
Ion Ratio Lower Upper
94 100
96 94.3 80.3 120.5



#6
Chloroethane
Concen: 46.781 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 64 Resp: 91308
Ion Ratio Lower Upper
64 100
66 33.5 25.7 38.5

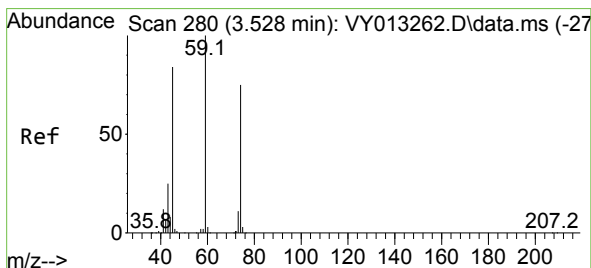
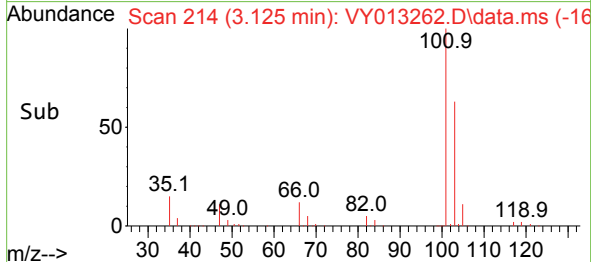
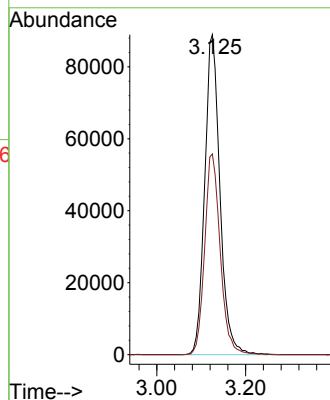
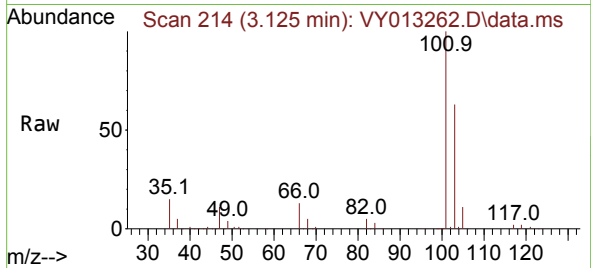




#7
 Trichlorofluoromethane
 Concen: 47.237 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

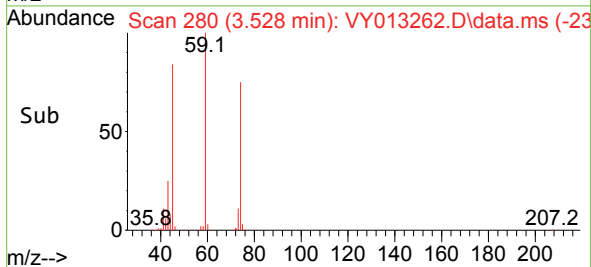
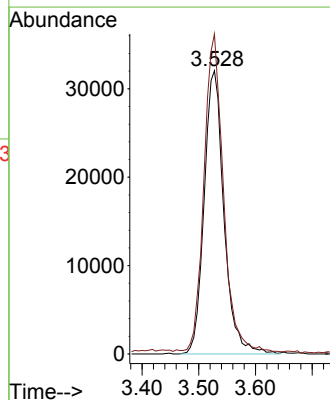
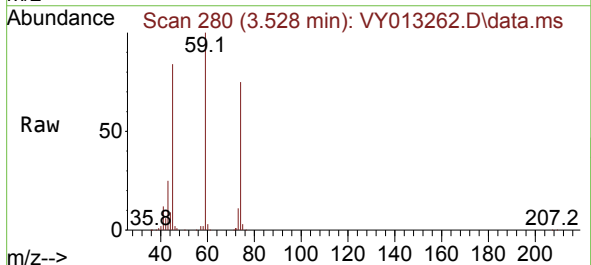
Instrument :
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 ClientSampleId :
 VSTDICCC050

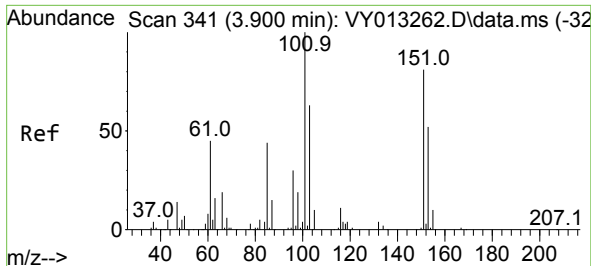
Tgt Ion:101 Resp: 212785
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.606 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

Tgt Ion: 74 Resp: 77913
 Ion Ratio Lower Upper
 74 100
 45 109.5 52.1 156.4

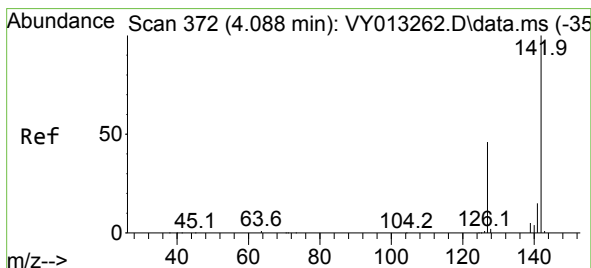
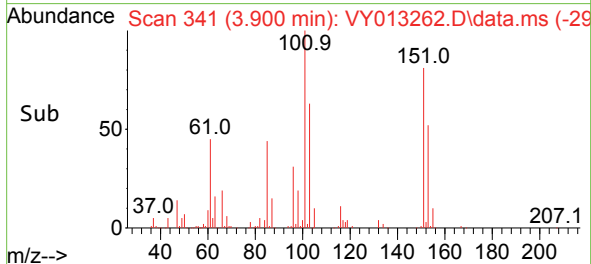
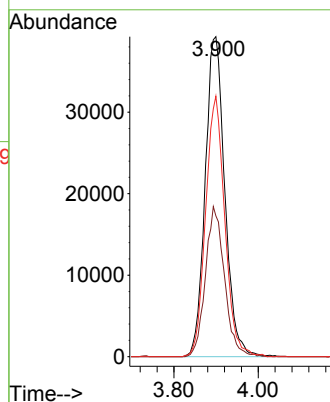
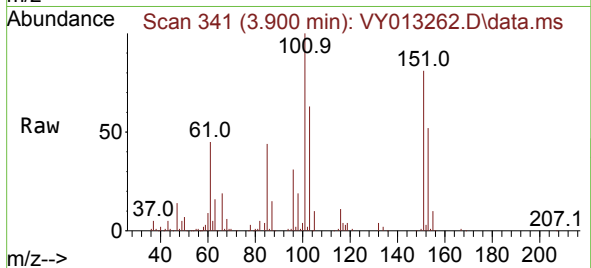




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.078 ug/l
 RT: 3.900 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

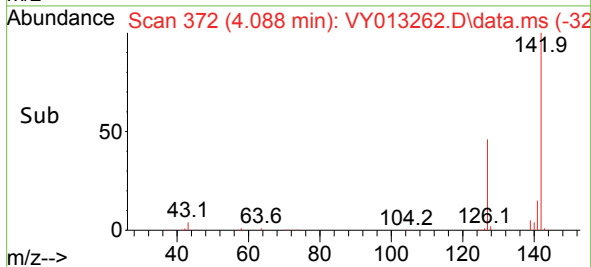
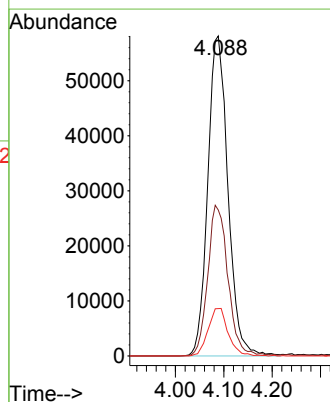
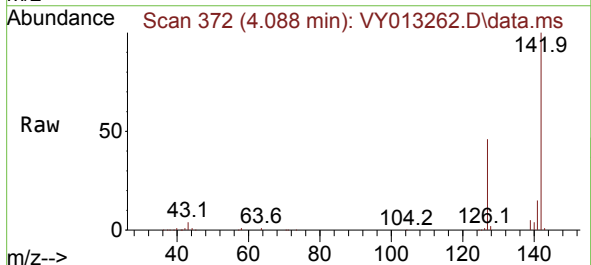
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

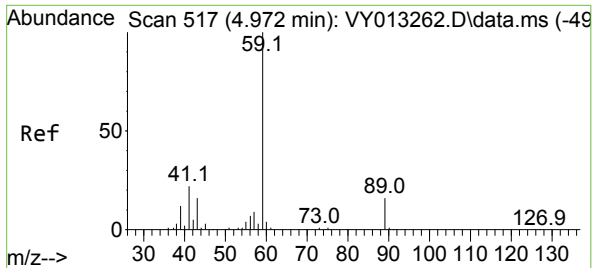
Tgt Ion:101 Resp: 127266
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.3 52.9
 151 79.6 63.1 94.7



#10
 Methyl Iodide
 Concen: 51.863 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

Tgt Ion:142 Resp: 168396
 Ion Ratio Lower Upper
 142 100
 127 47.3 35.4 53.2
 141 14.7 11.3 16.9

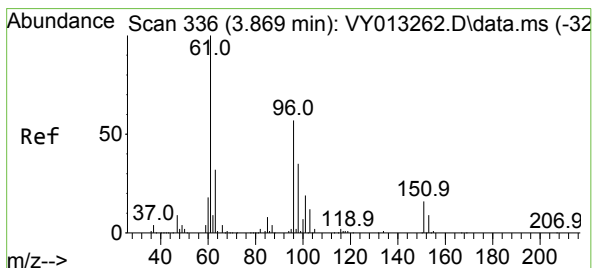
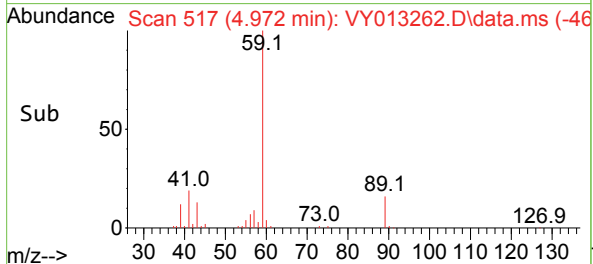
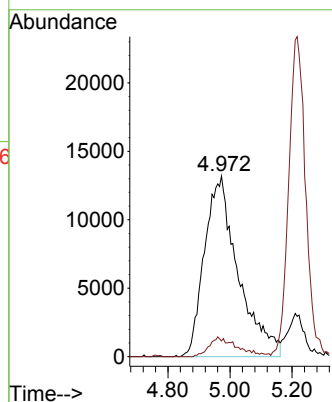
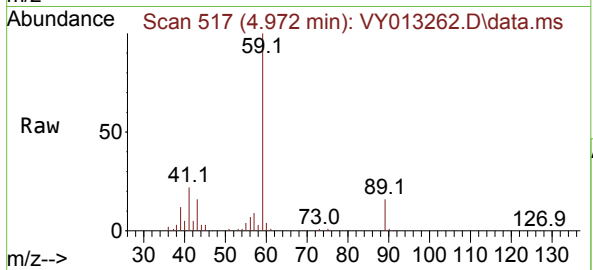




#11
Tert butyl alcohol
Concen: 191.028 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

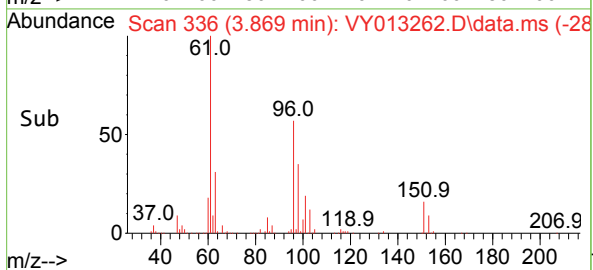
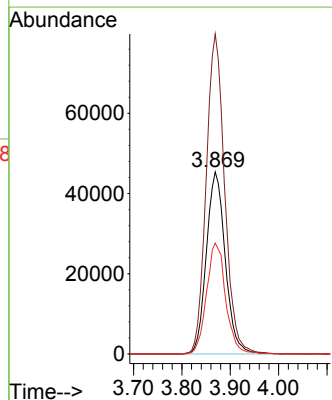
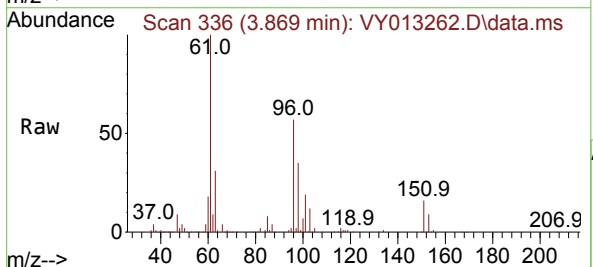
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

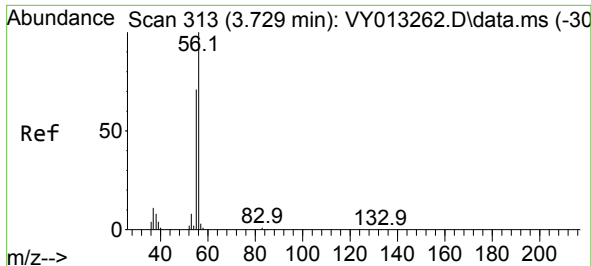
Tgt Ion: 59 Resp: 99327
Ion Ratio Lower Upper
59 100
57 5.2 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 48.511 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 96 Resp: 123584
Ion Ratio Lower Upper
96 100
61 175.7 131.7 197.5
98 60.9 52.0 78.0

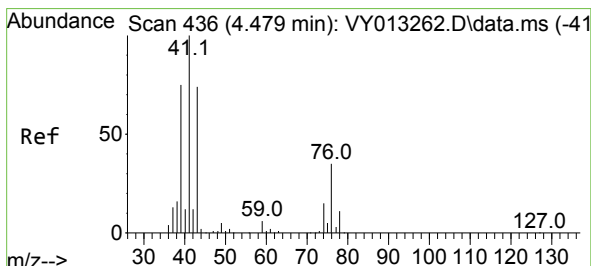
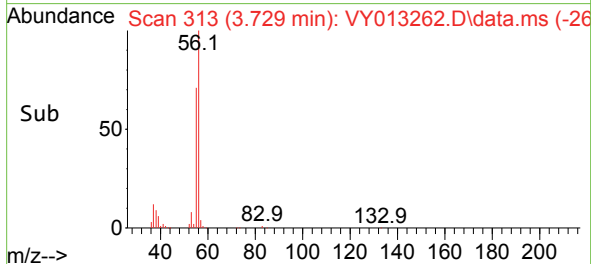
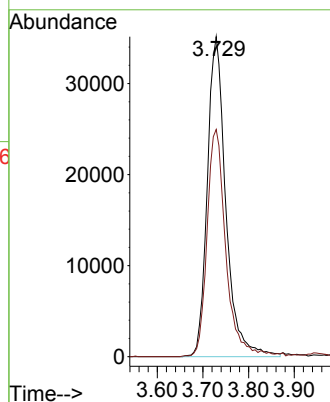
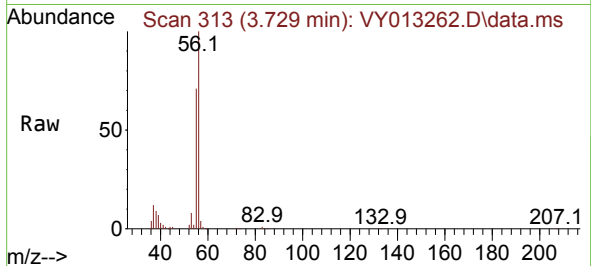




#13
Acrolein
Concen: 247.255 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

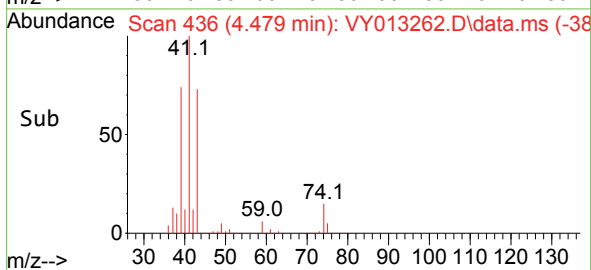
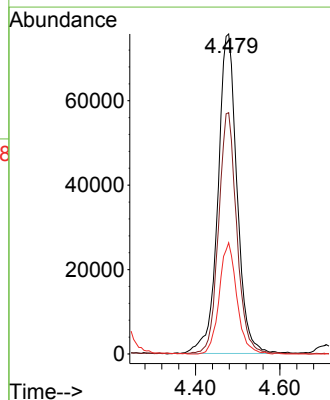
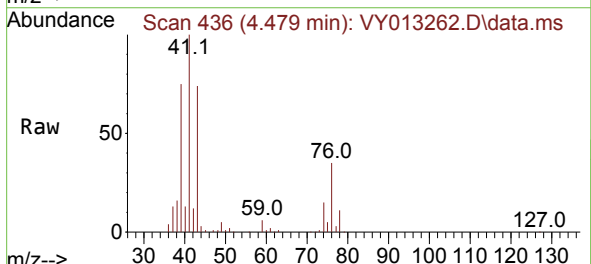
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

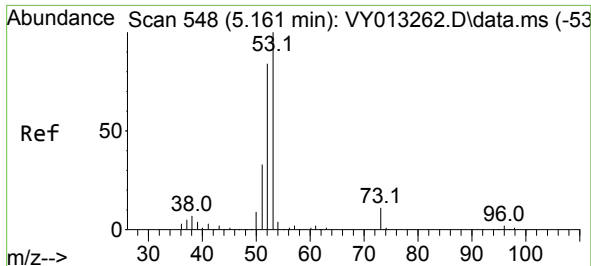
Tgt Ion: 56 Resp: 98822
Ion Ratio Lower Upper
56 100
55 71.9 56.8 85.2



#14
Allyl chloride
Concen: 48.807 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 41 Resp: 237516
Ion Ratio Lower Upper
41 100
39 71.7 53.6 80.4
76 32.1 27.2 40.8

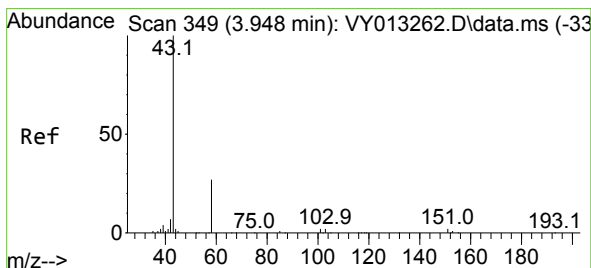
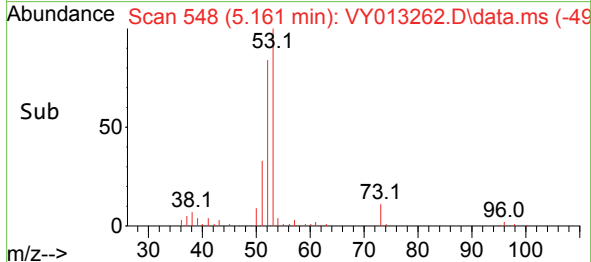
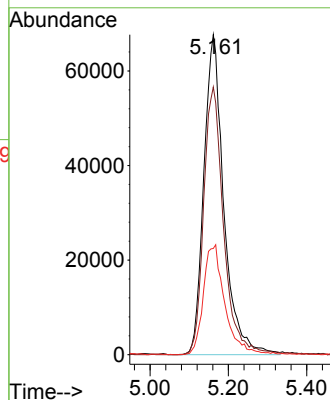
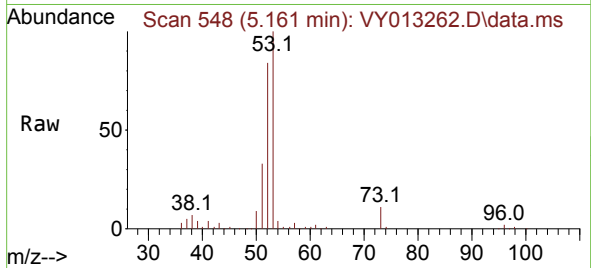




#15
Acrylonitrile
Concen: 254.330 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

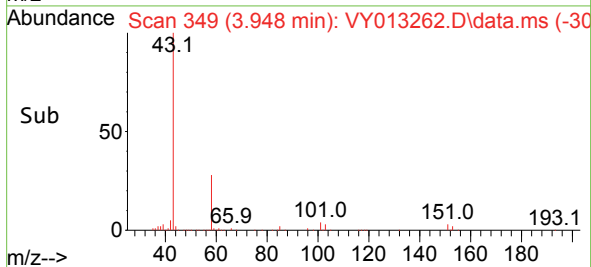
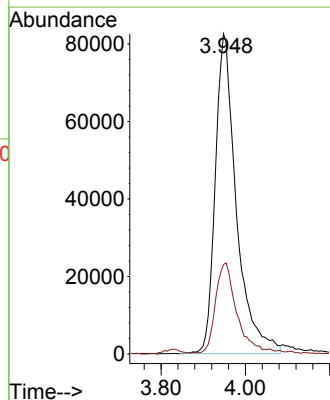
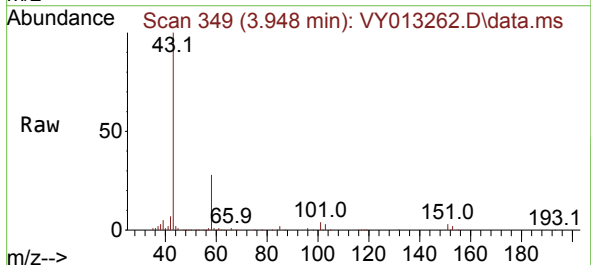
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

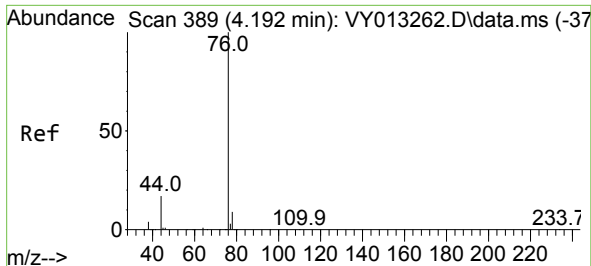
Tgt Ion: 53 Resp: 239186
Ion Ratio Lower Upper
53 100
52 83.6 66.3 99.5
51 37.0 28.8 43.2



#16
Acetone
Concen: 256.185 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 43 Resp: 286520
Ion Ratio Lower Upper
43 100
58 27.1 24.2 36.2

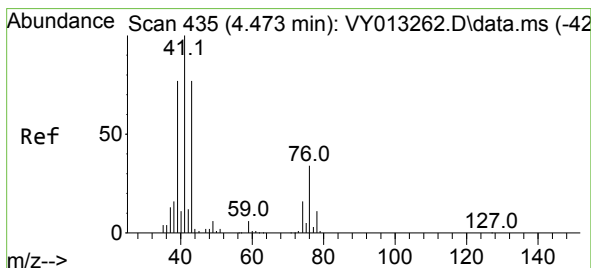
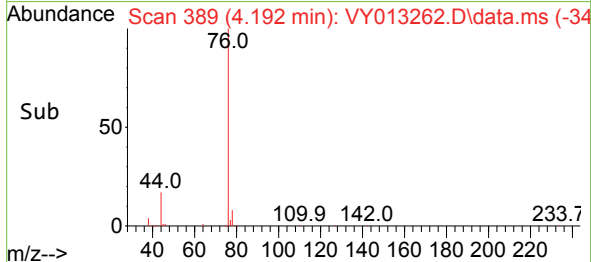
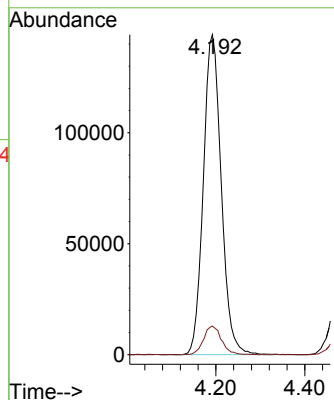
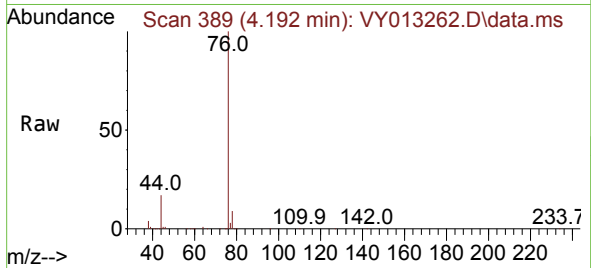




#17
Carbon Disulfide
Concen: 48.328 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

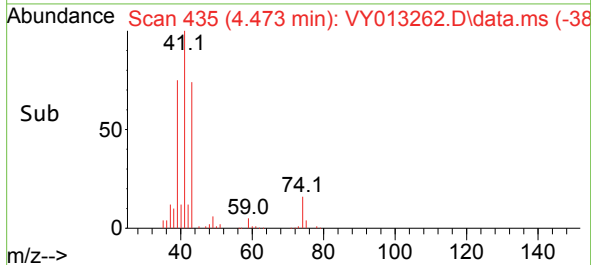
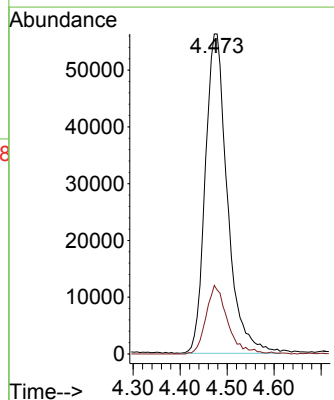
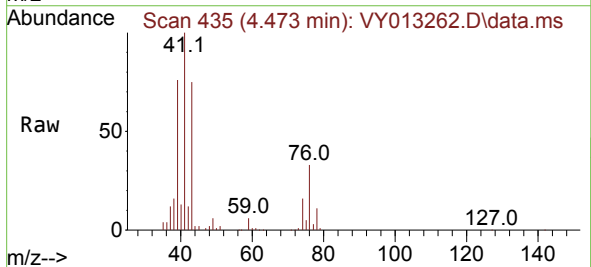
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

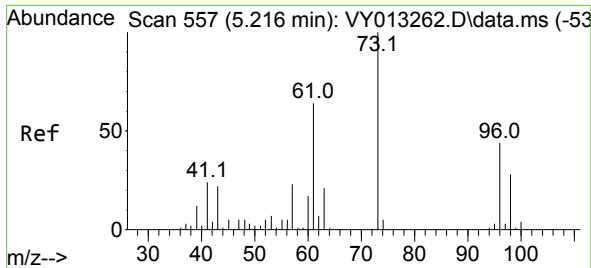
Tgt Ion: 76 Resp: 405330
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 50.853 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 43 Resp: 183986
Ion Ratio Lower Upper
43 100
74 20.8 17.4 26.0

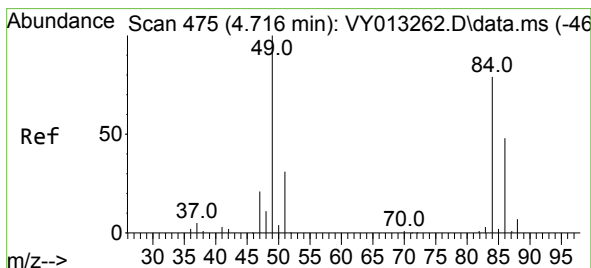
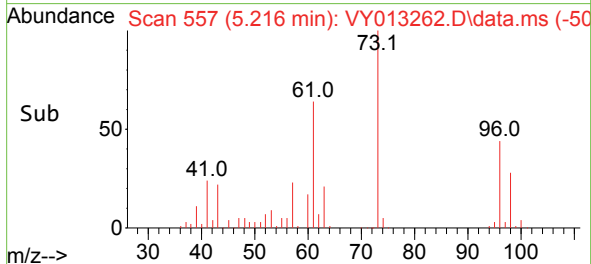
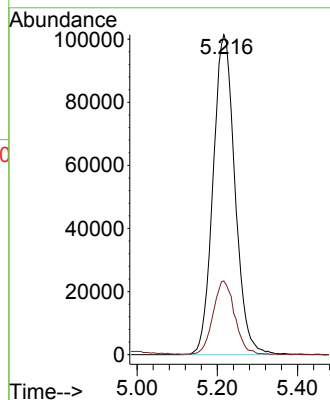
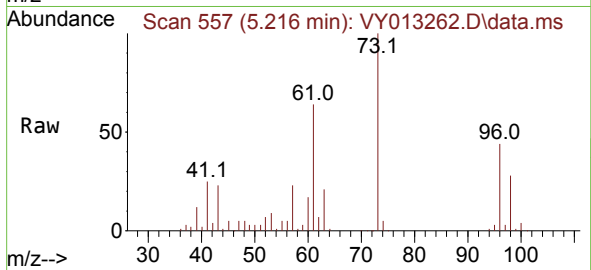




#19
Methyl tert-butyl Ether
Concen: 50.323 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

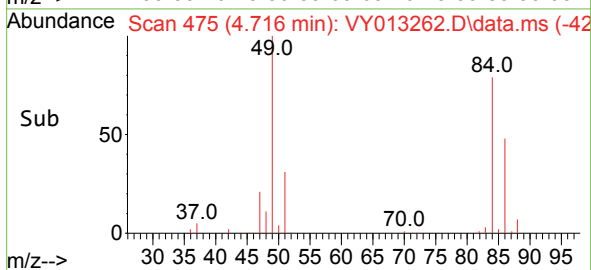
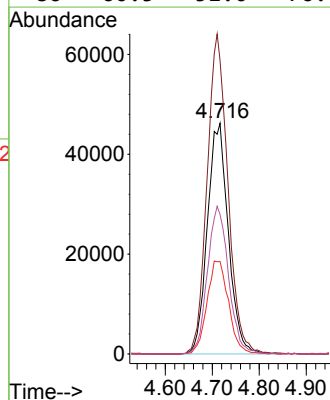
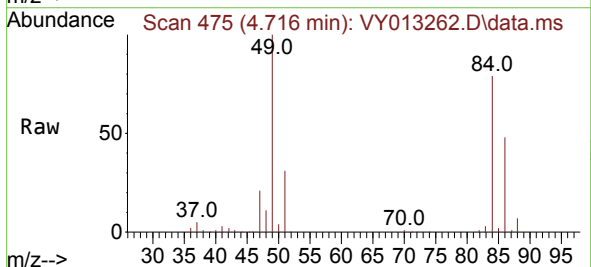
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

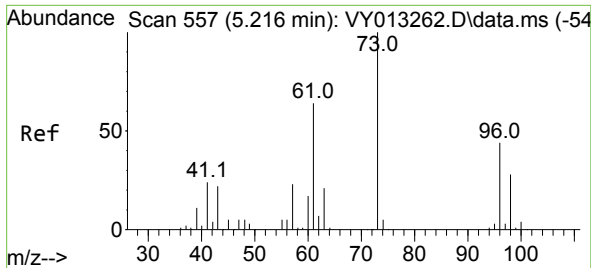
Tgt Ion: 73 Resp: 384028
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 41.314 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 84 Resp: 143480
Ion Ratio Lower Upper
84 100
49 127.3 102.6 154.0
51 40.1 31.9 47.9
86 60.5 51.0 76.6

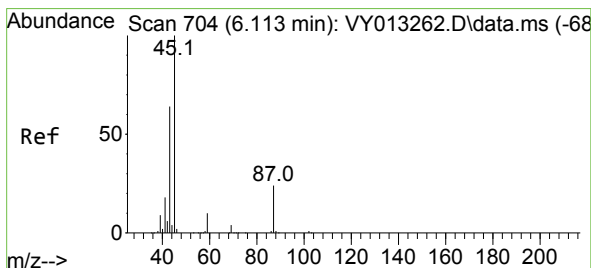
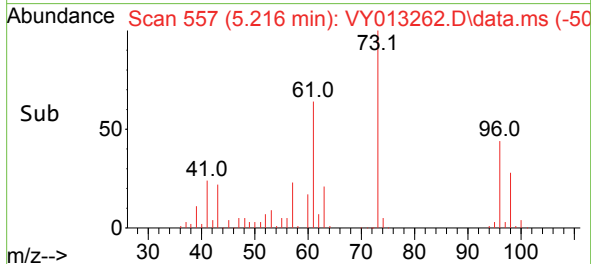
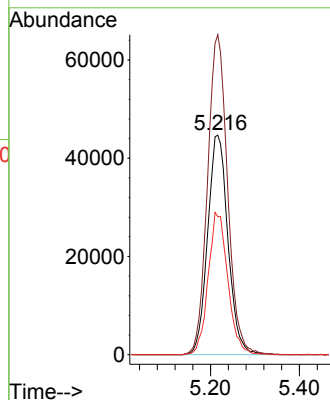
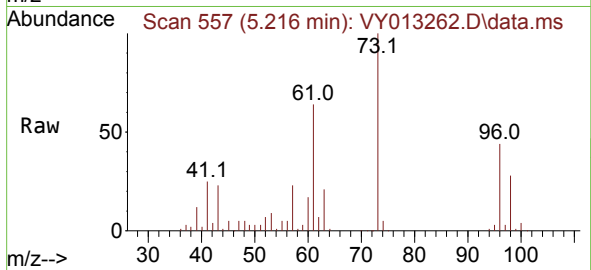




#21
trans-1,2-Dichloroethene
Concen: 48.901 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

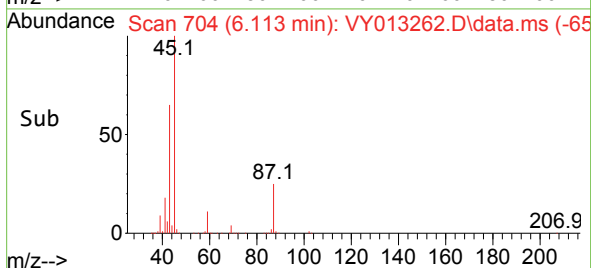
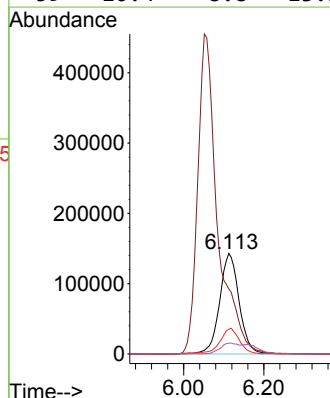
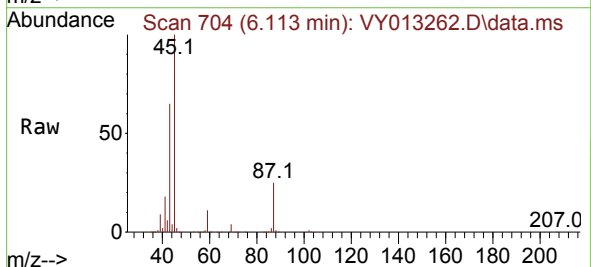
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

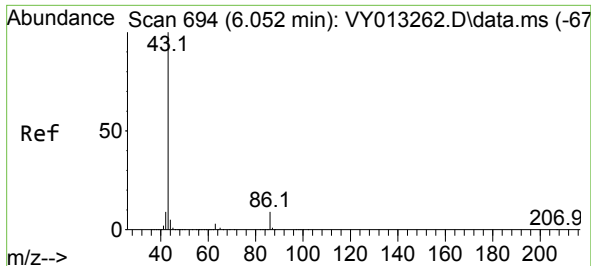
Tgt Ion: 96 Resp: 142208
Ion Ratio Lower Upper
96 100
61 145.7 111.4 167.0
98 62.9 50.8 76.2



#22
Diisopropyl ether
Concen: 50.188 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 45 Resp: 481339
Ion Ratio Lower Upper
45 100
43 64.3 45.0 67.6
87 24.7 20.3 30.5
59 10.4 8.8 13.2

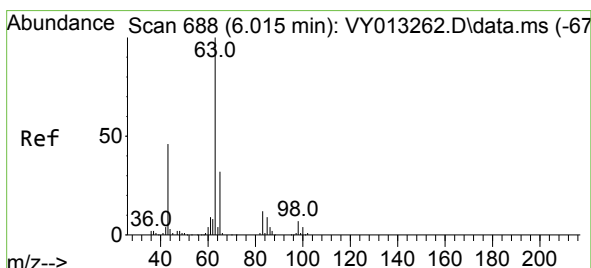
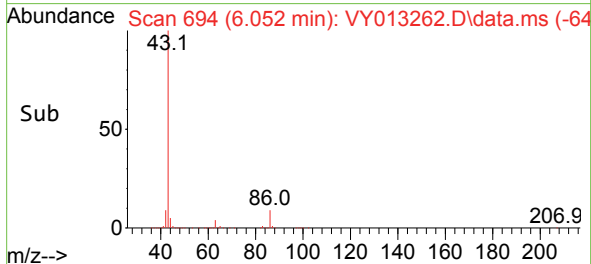
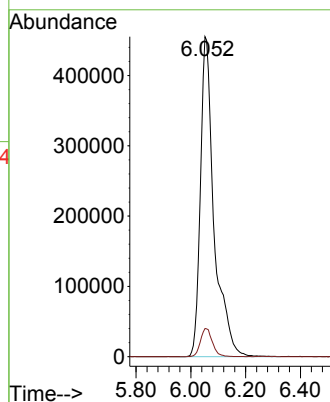
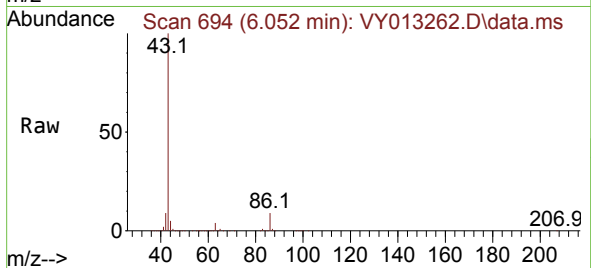




#23
 Vinyl Acetate
 Concen: 259.496 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

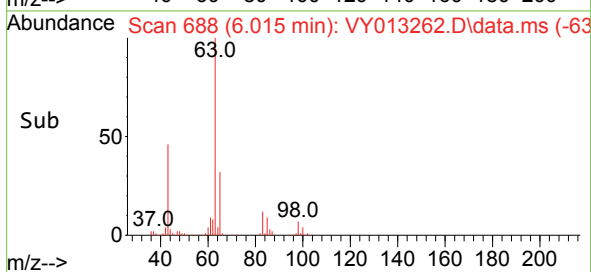
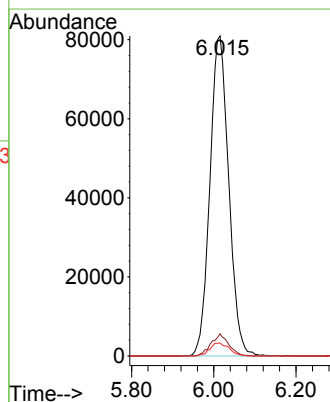
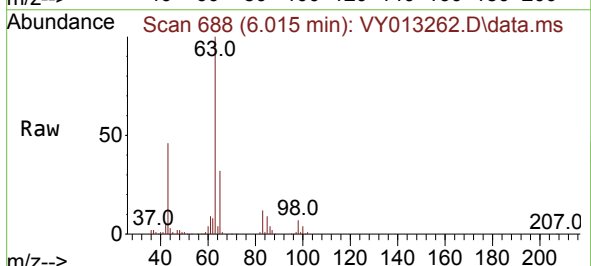
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

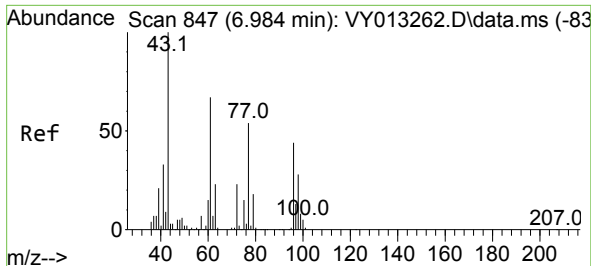
Tgt Ion: 43 Resp: 1573313
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 48.068 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

Tgt Ion: 63 Resp: 257511
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.1 2.3 6.8

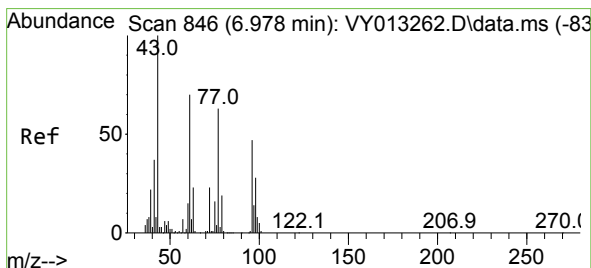
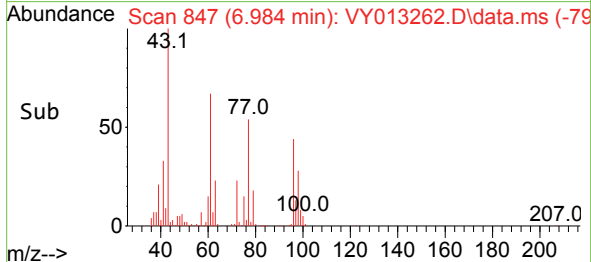
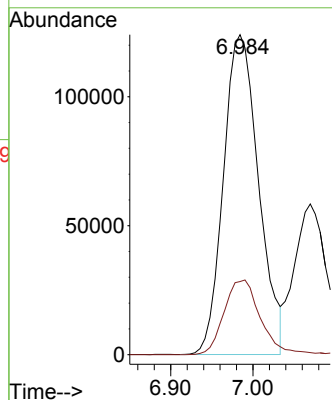
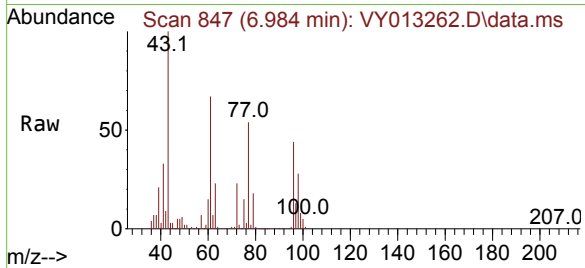




#25
2-Butanone
Concen: 257.844 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

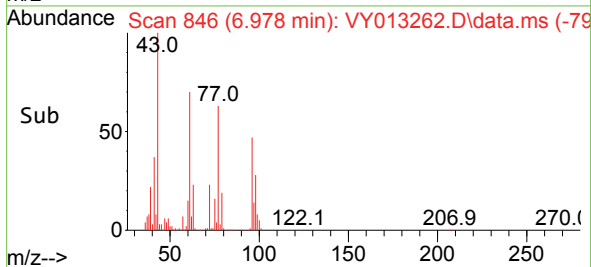
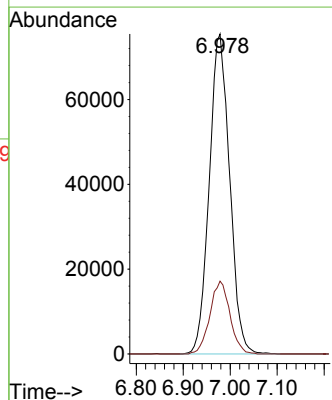
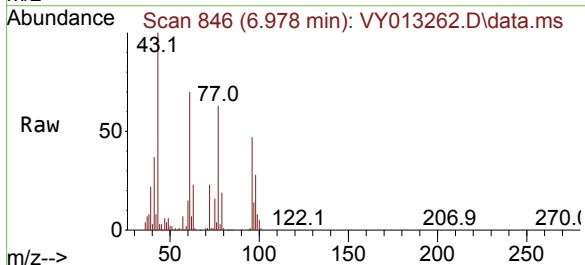
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

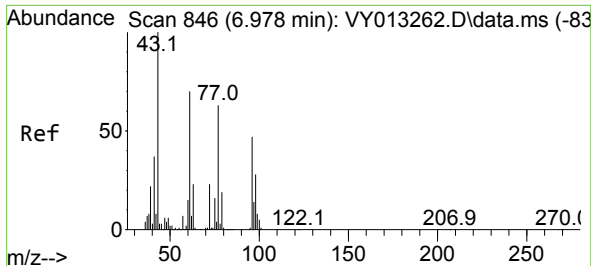
Tgt Ion: 43 Resp: 369317
Ion Ratio Lower Upper
43 100
72 22.9 21.0 31.4



#26
2,2-Dichloropropane
Concen: 47.244 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 77 Resp: 227072
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.0

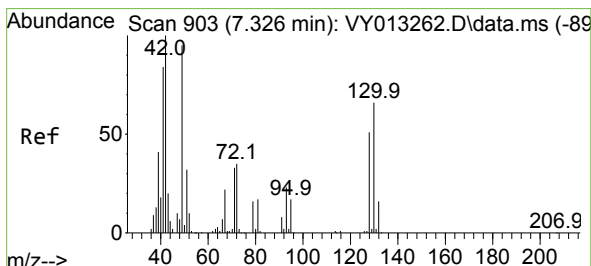
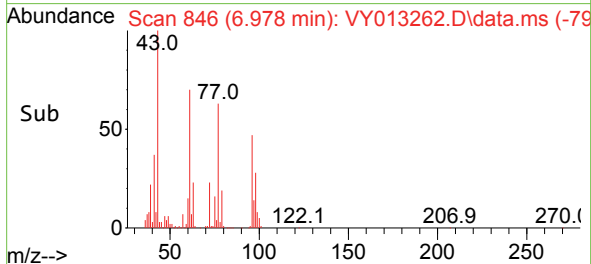
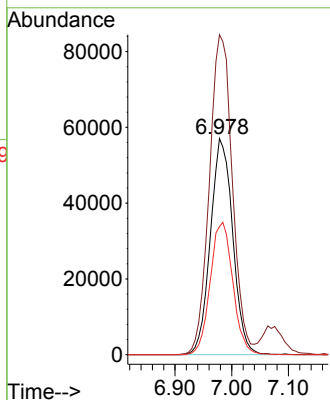
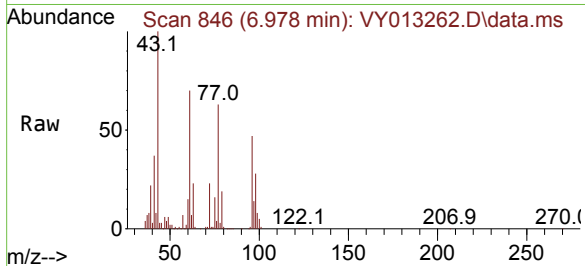




#27
 cis-1,2-Dichloroethene
 Concen: 49.463 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

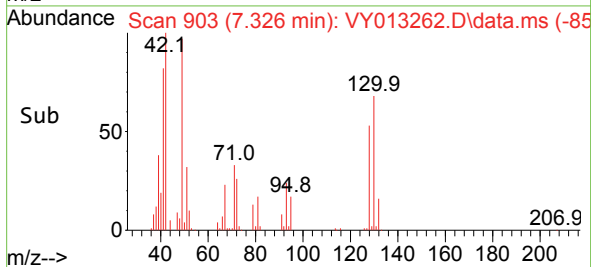
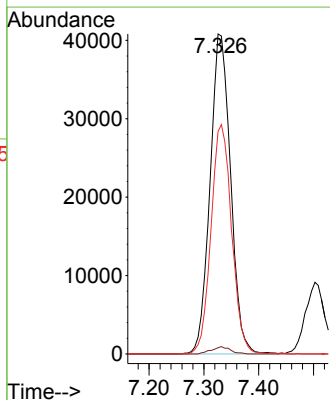
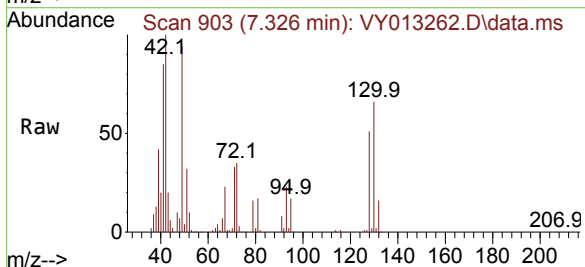
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

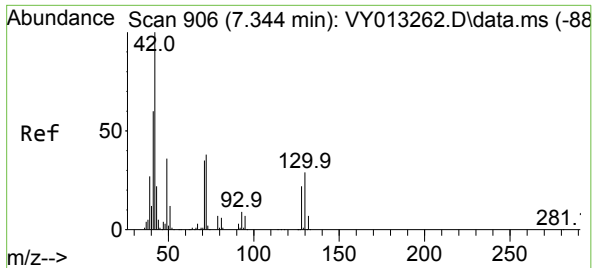
Tgt Ion: 96 Resp: 156410
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 295.8
 98 62.0 0.0 130.2



#28
 Bromochloromethane
 Concen: 49.727 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

Tgt Ion: 49 Resp: 106173
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 71.9 60.5 90.7

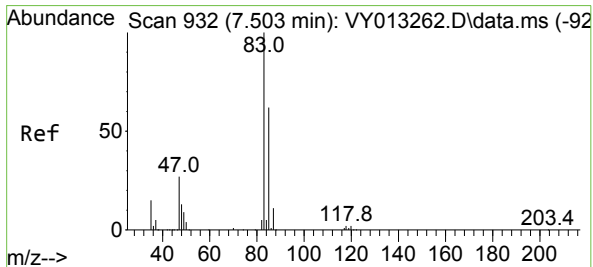
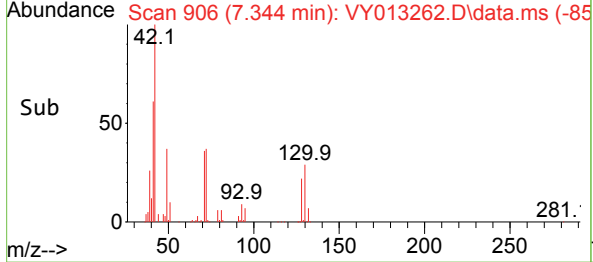
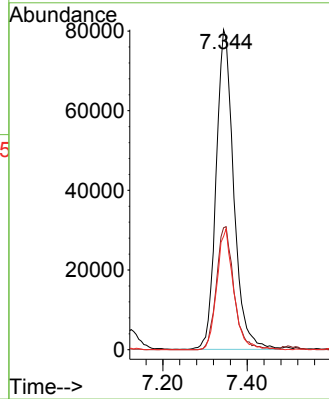
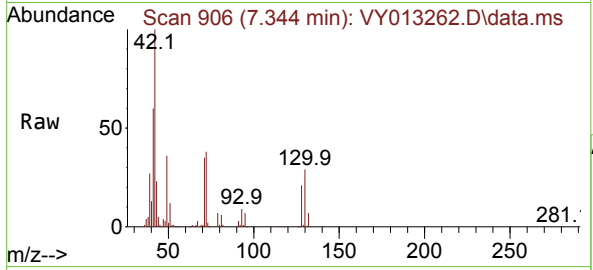




#29
Tetrahydrofuran
Concen: 266.926 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

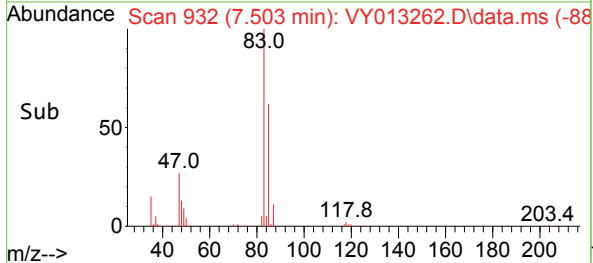
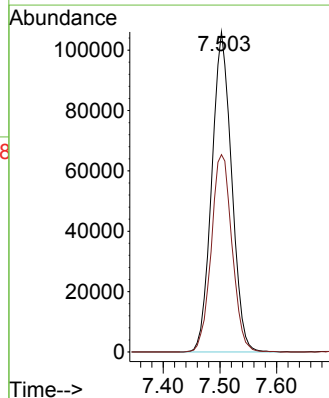
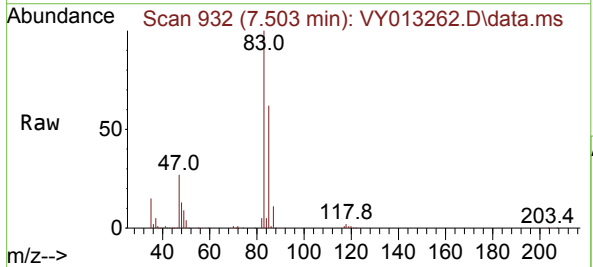
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

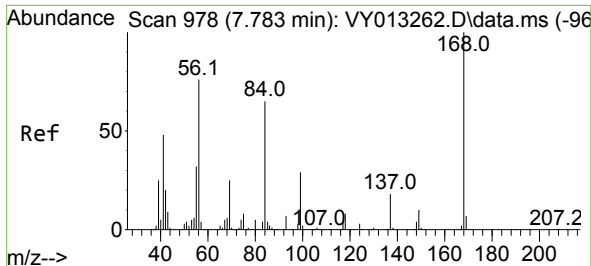
Tgt Ion:	42	Resp:	232207
Ion	Ratio	Lower	Upper
42	100		
72	38.4	32.3	48.5
71	36.1	30.3	45.5



#30
Chloroform
Concen: 47.575 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion:	83	Resp:	257922
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.4	77.0

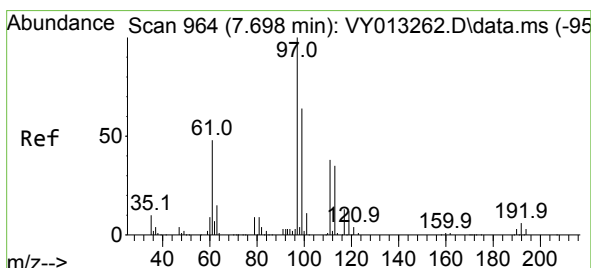
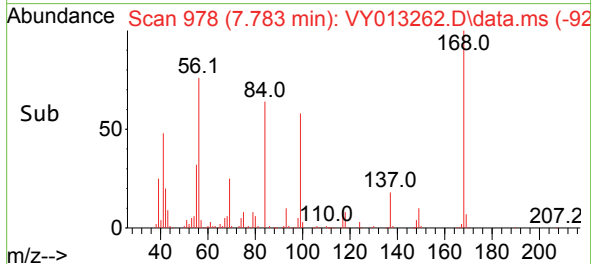
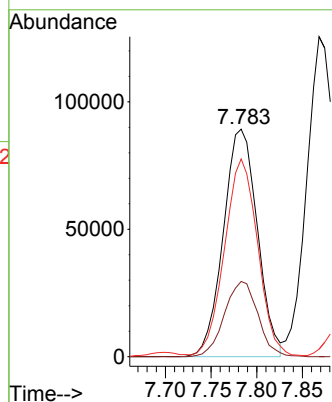
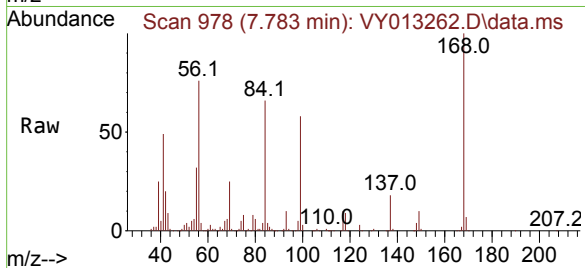




#31
Cyclohexane
Concen: 47.042 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

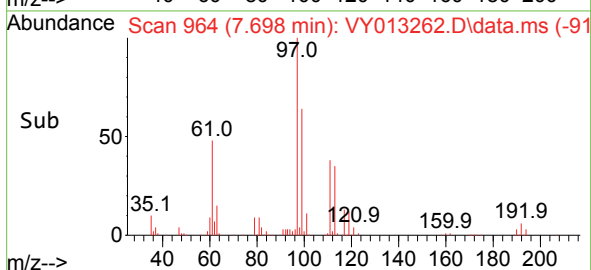
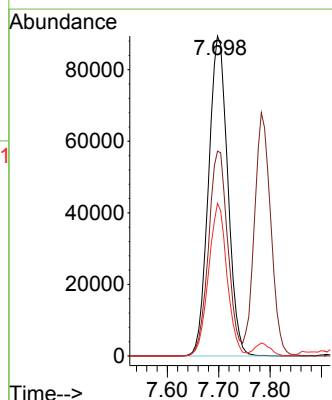
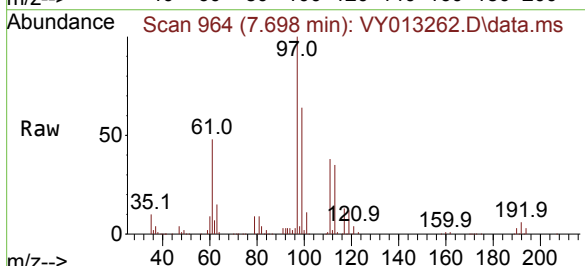
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

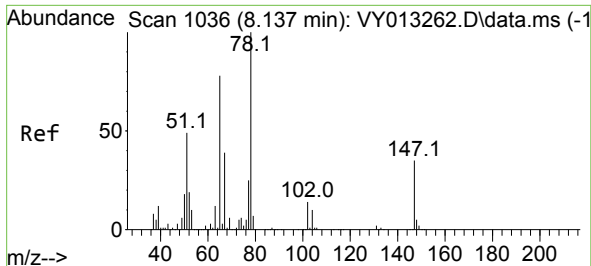
Tgt Ion: 56 Resp: 231423
Ion Ratio Lower Upper
56 100
69 33.0 25.7 38.5
84 86.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 47.430 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 97 Resp: 232621
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 46.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.271 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

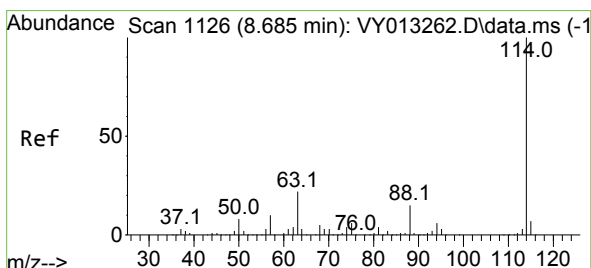
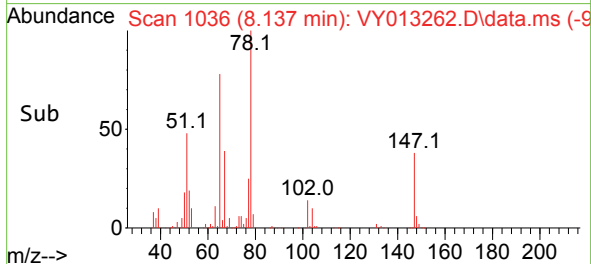
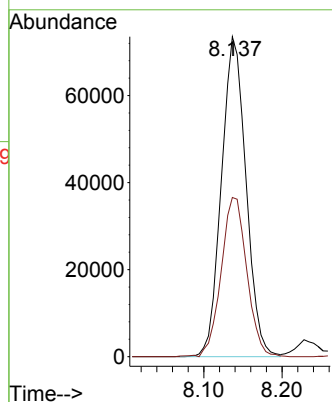
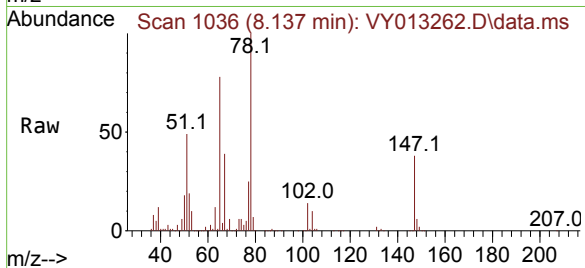
VSTDICCC050

Tgt Ion: 65 Resp: 160303

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

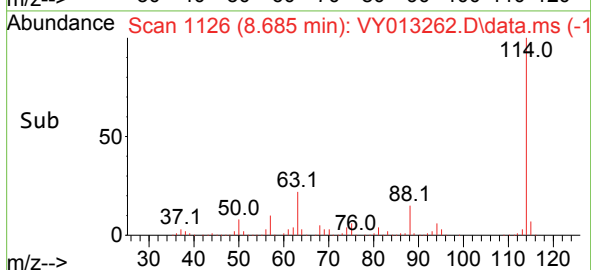
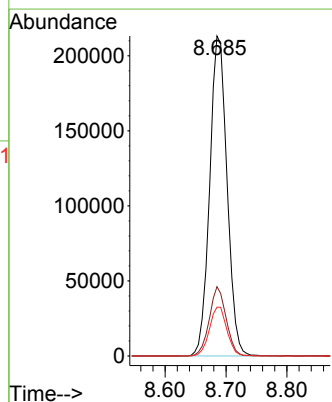
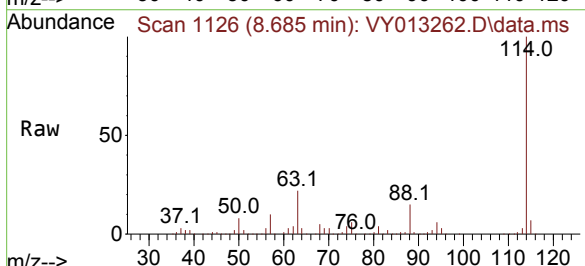
Tgt Ion: 114 Resp: 421713

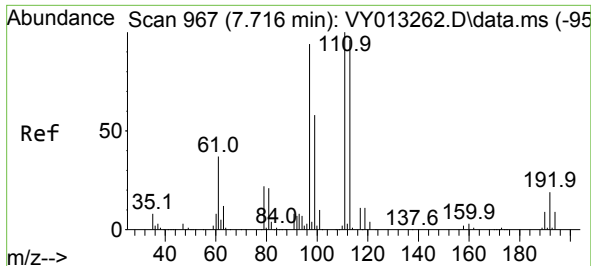
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 15.2 0.0 28.6

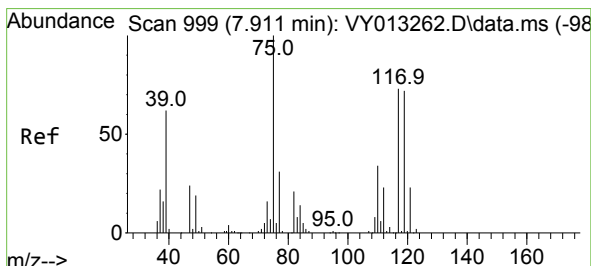
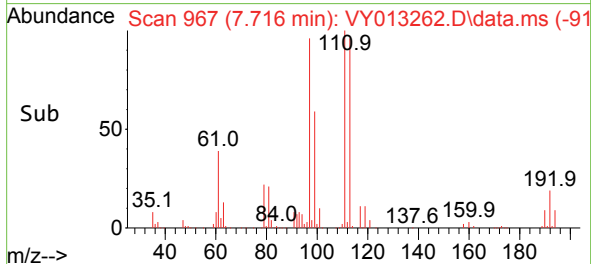
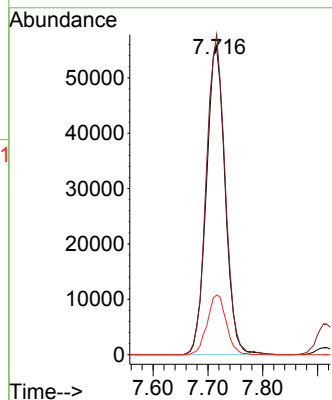
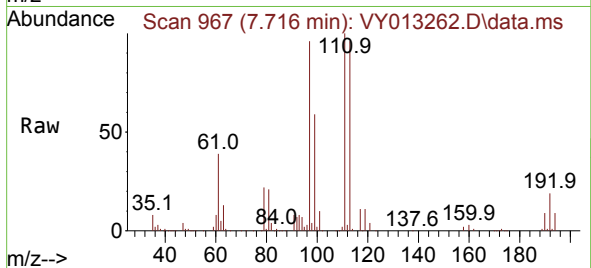




#35
Dibromofluoromethane
Concen: 48.461 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

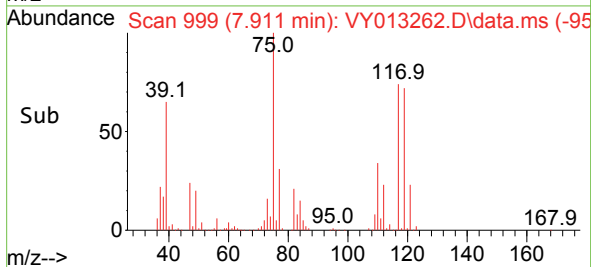
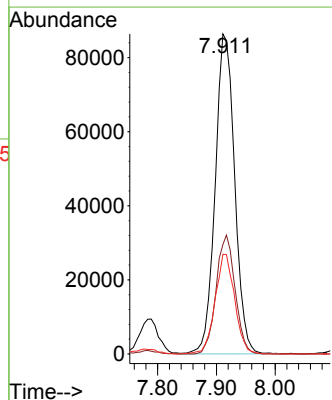
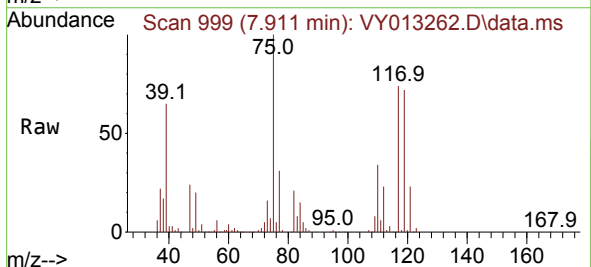
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

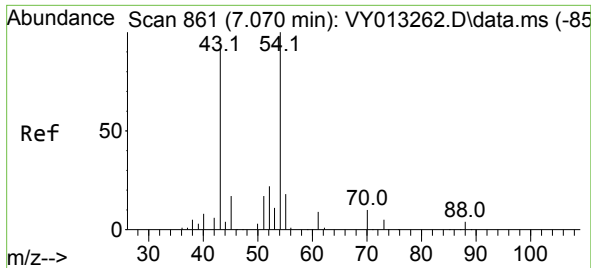
Tgt Ion:113 Resp: 132304
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 48.061 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 75 Resp: 198781
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.3
77 31.3 25.0 37.4

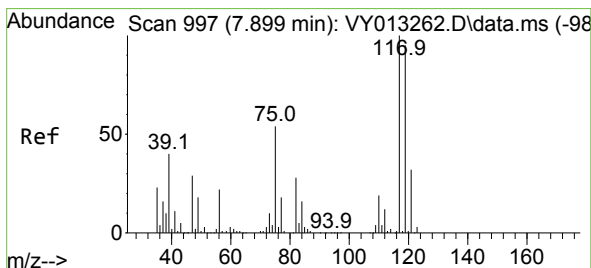
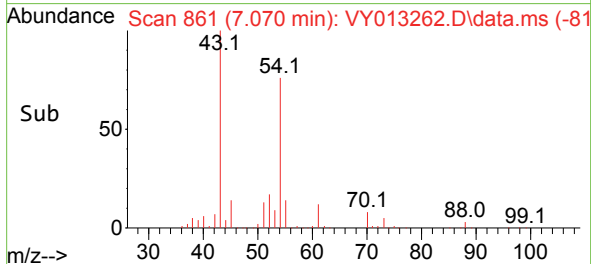
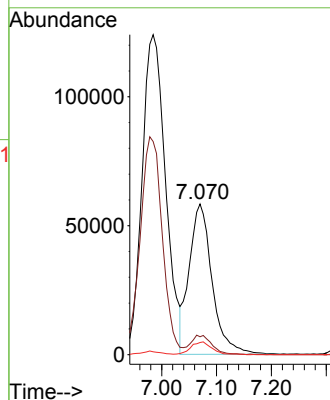
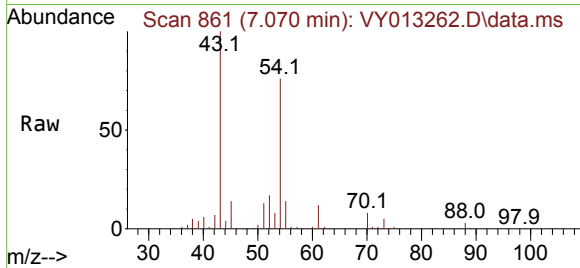




#37
Ethyl Acetate
Concen: 50.844 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

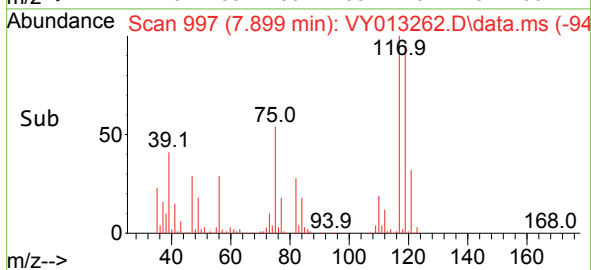
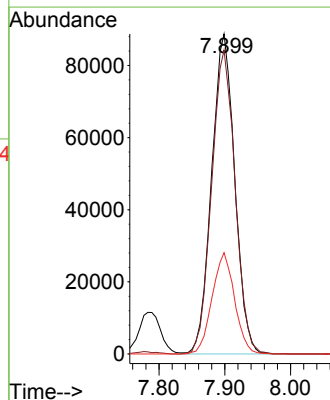
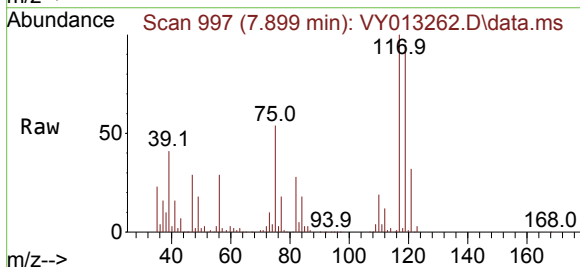
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

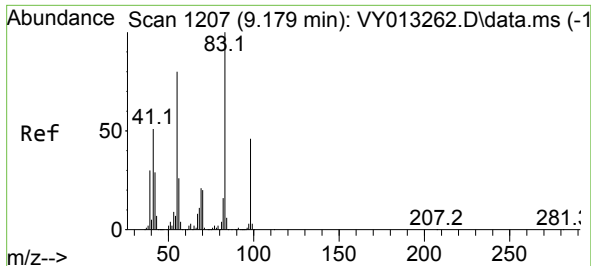
Tgt Ion: 43 Resp: 169510
Ion Ratio Lower Upper
43 100
61 11.8 10.7 16.1
70 8.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.521 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 117 Resp: 217329
Ion Ratio Lower Upper
117 100
119 95.0 77.2 115.8
121 31.6 24.7 37.1





#39

Methylcyclohexane

Concen: 50.115 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

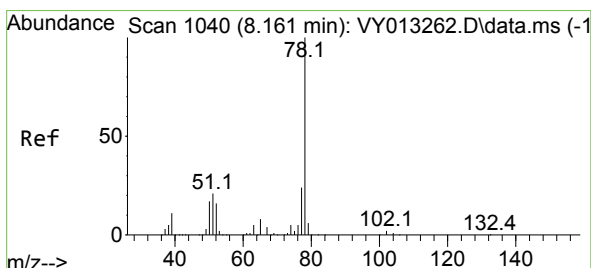
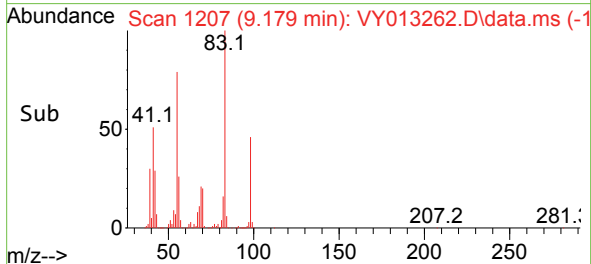
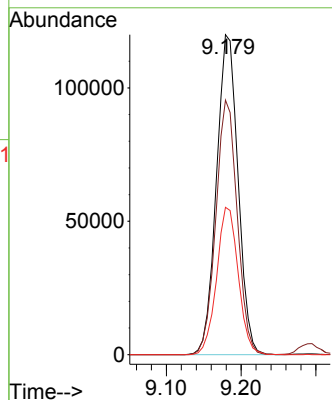
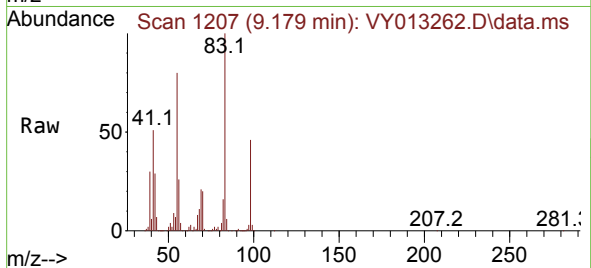
Tgt Ion: 83 Resp: 240963

Ion Ratio Lower Upper

83 100

55 79.5 60.0 90.0

98 46.1 38.3 57.5



#40

Benzene

Concen: 48.099 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013262.D

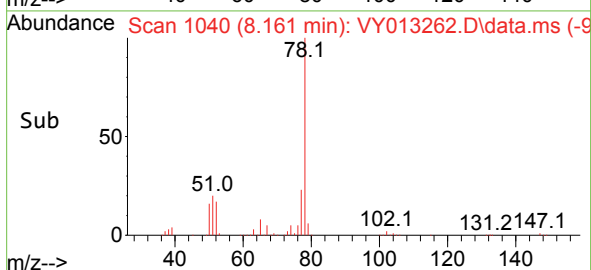
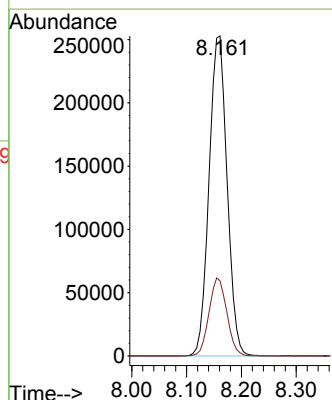
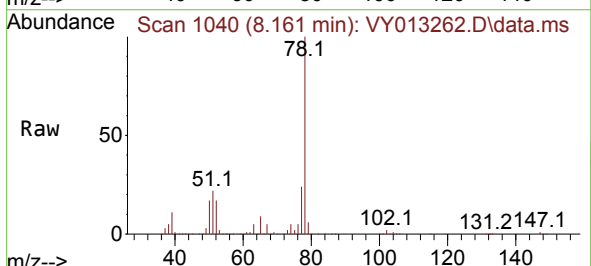
Acq: 12 Apr 2023 11:55

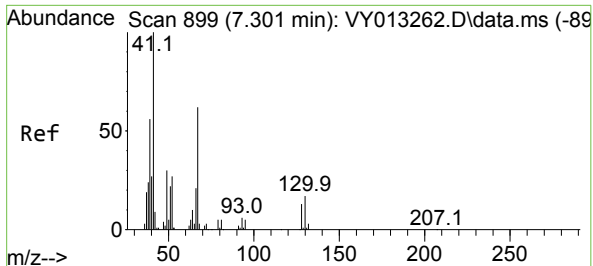
Tgt Ion: 78 Resp: 575772

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

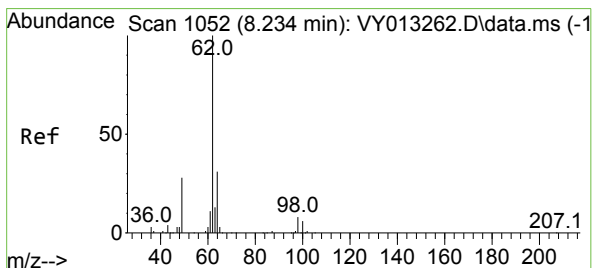
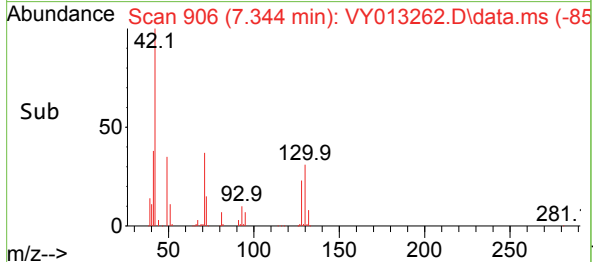
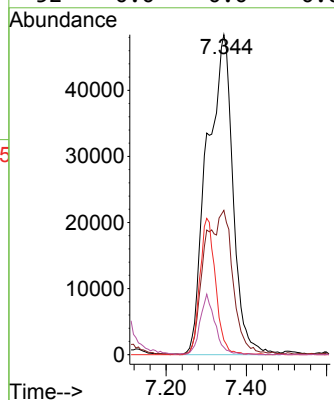
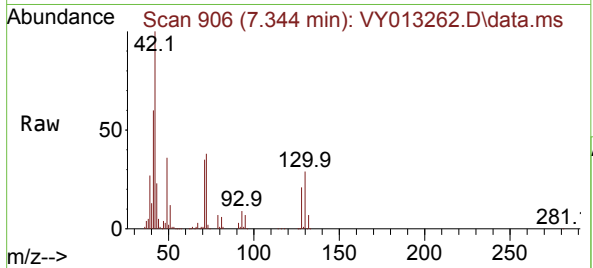




#41
Methacrylonitrile
Concen: 143.826 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

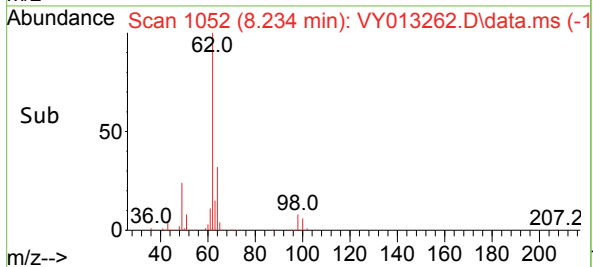
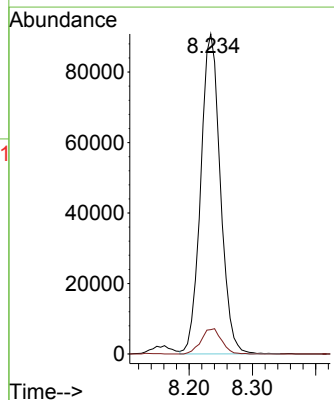
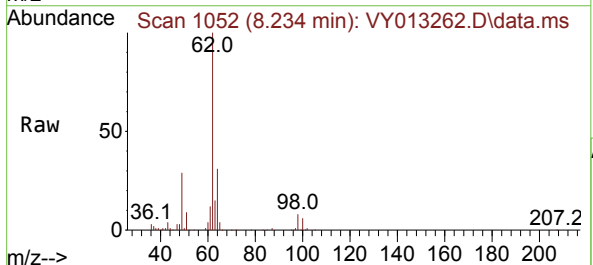
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

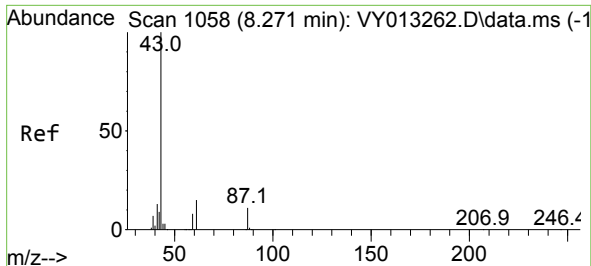
Tgt Ion:	41	Resp:	216676
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.296 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion:	62	Resp:	196017
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.8

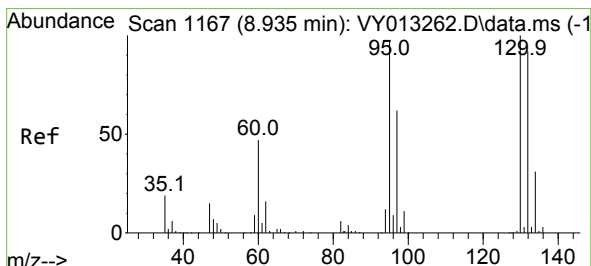
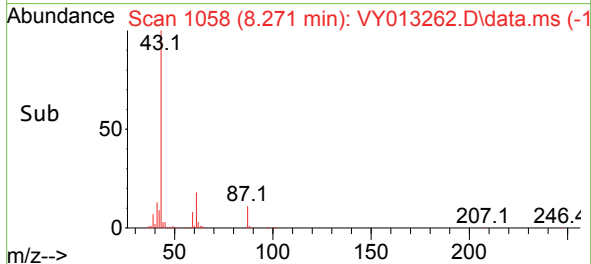
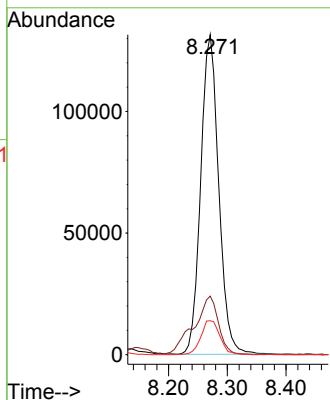
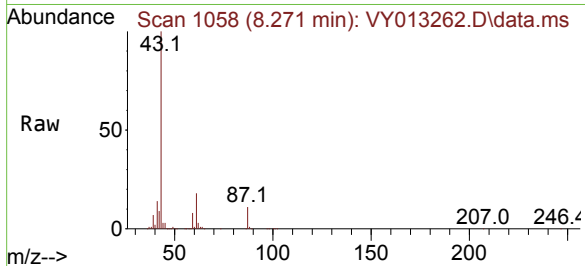




#43
Isopropyl Acetate
Concen: 50.603 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

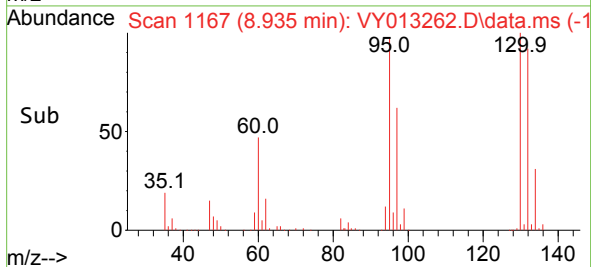
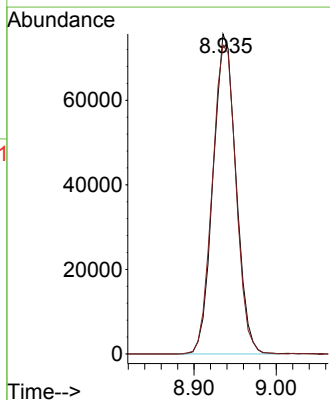
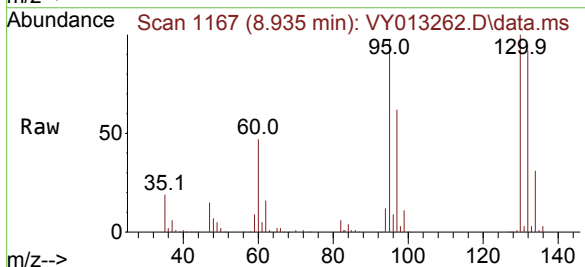
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

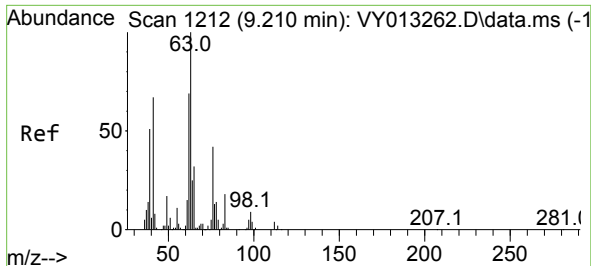
Tgt Ion: 43 Resp: 280222
Ion Ratio Lower Upper
43 100
61 24.9 21.6 32.4
87 11.3 9.9 14.9



#44
Trichloroethene
Concen: 47.471 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion:130 Resp: 146387
Ion Ratio Lower Upper
130 100
95 96.6 0.0 185.0

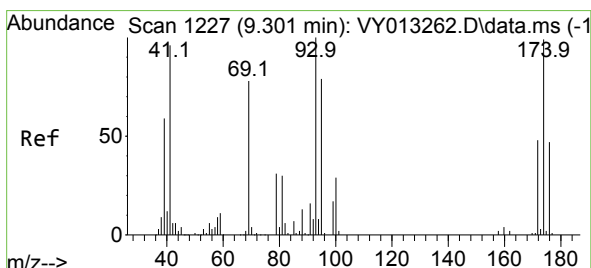
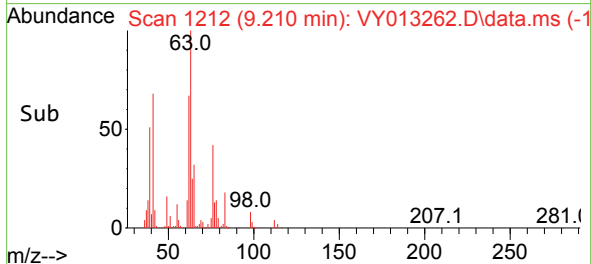
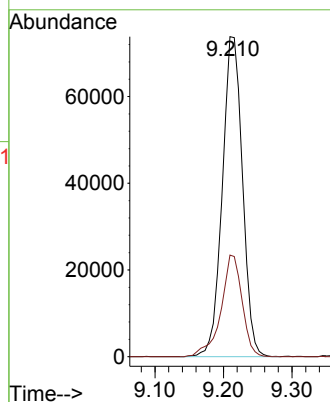
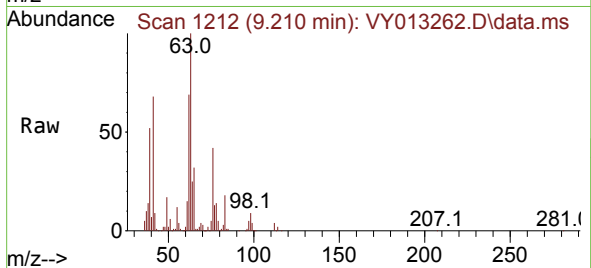




#45
1,2-Dichloropropane
Concen: 48.461 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

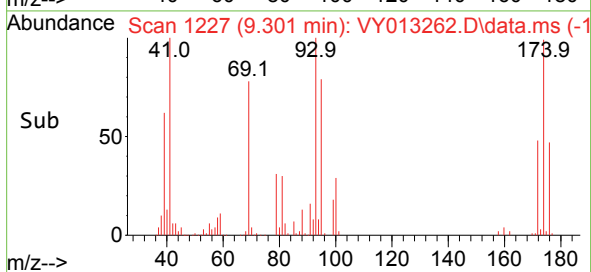
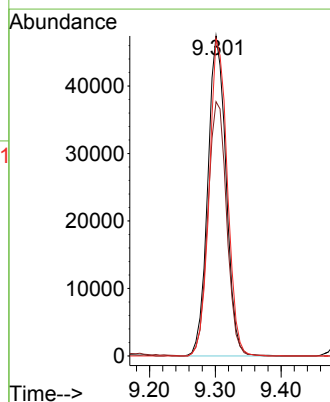
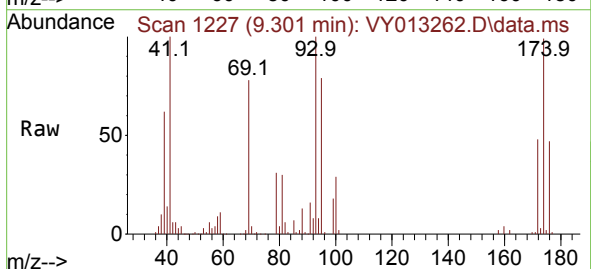
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

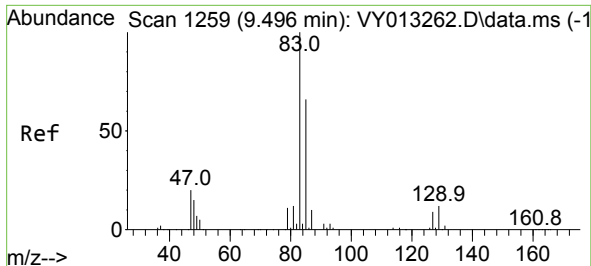
Tgt Ion: 63 Resp: 150567
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5



#46
Dibromomethane
Concen: 48.937 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 93 Resp: 91509
Ion Ratio Lower Upper
93 100
95 81.7 65.6 98.4
174 98.2 81.3 121.9

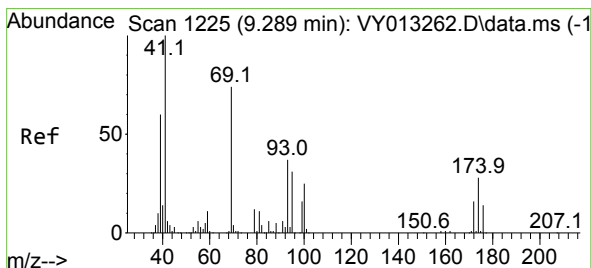
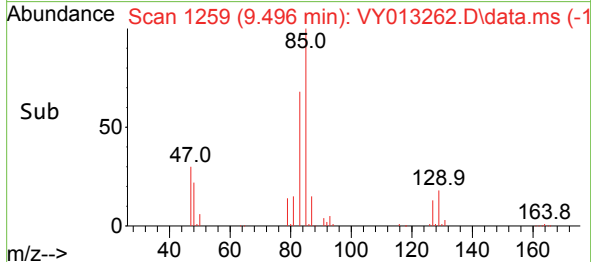
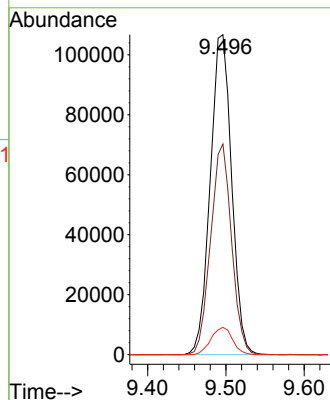
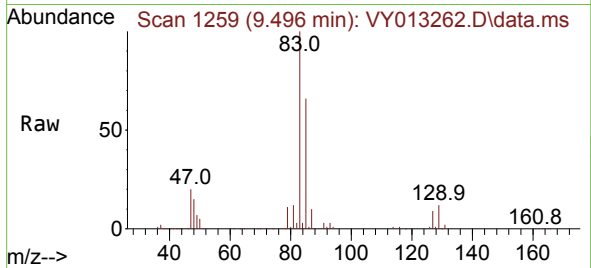




#47
Bromodichloromethane
Concen: 47.284 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

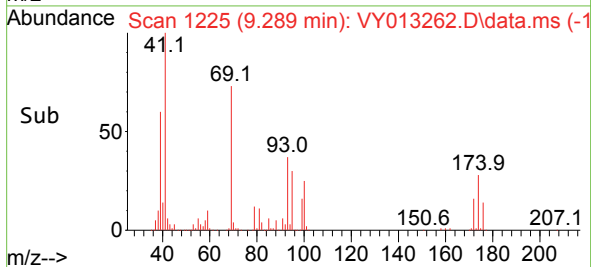
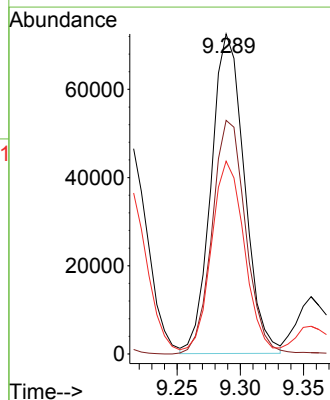
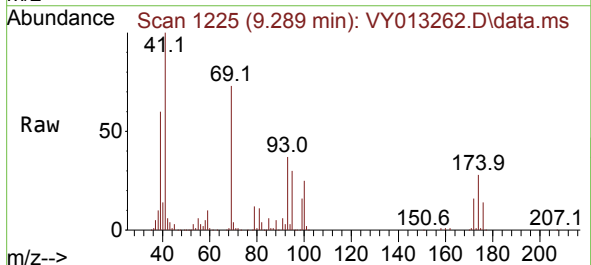
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

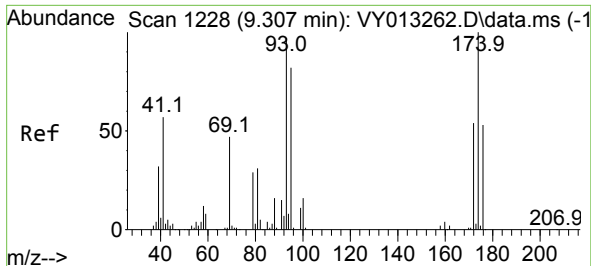
Tgt Ion: 83 Resp: 202129
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 52.117 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 41 Resp: 132566
Ion Ratio Lower Upper
41 100
69 74.1 64.1 96.1
39 57.9 44.0 66.0

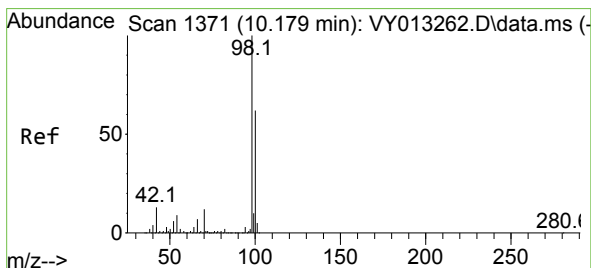
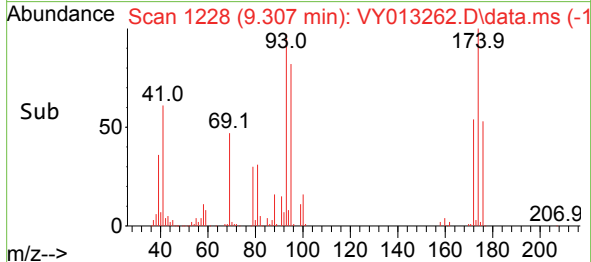
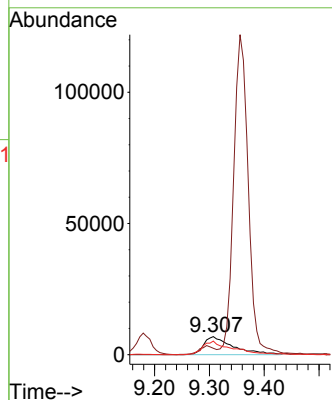
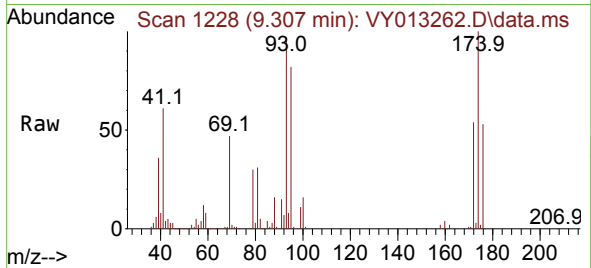




#49
1,4-Dioxane
Concen: 1005.508 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

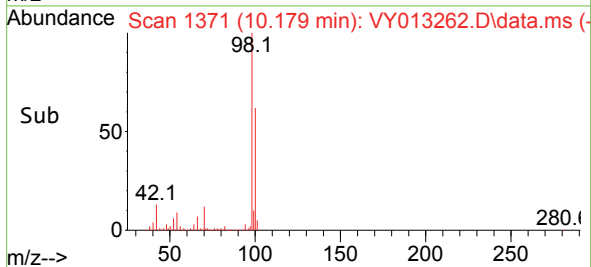
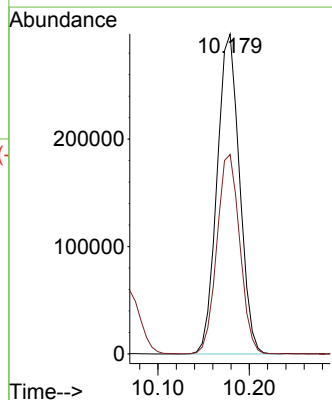
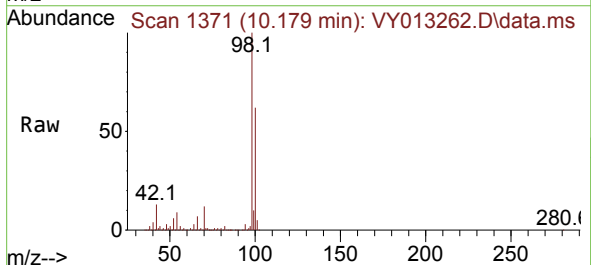
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

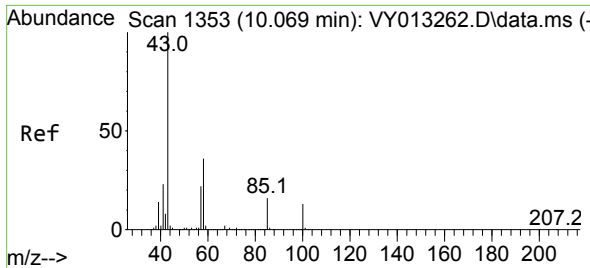
Tgt Ion: 88 Resp: 25475
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 74.9 55.2 82.8



#50
Toluene-d8
Concen: 50.073 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 98 Resp: 508844
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

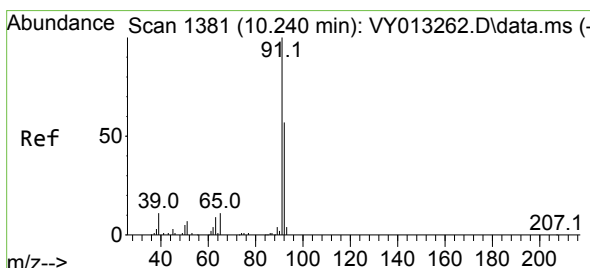
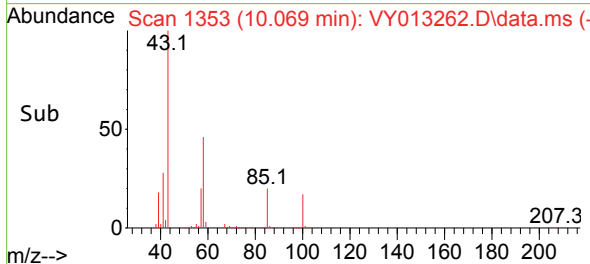
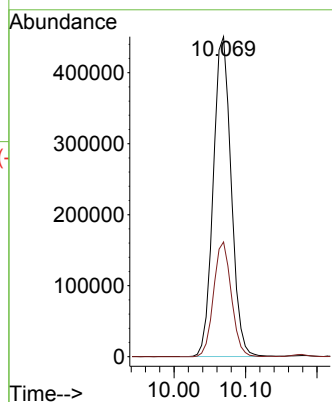
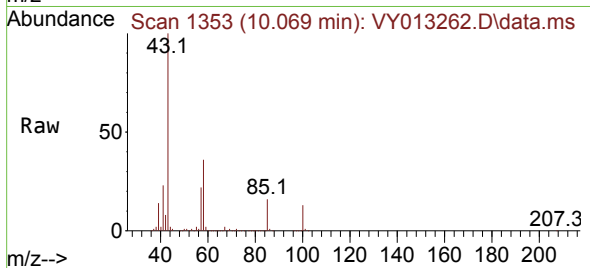




#51
4-Methyl-2-Pentanone
Concen: 260.008 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

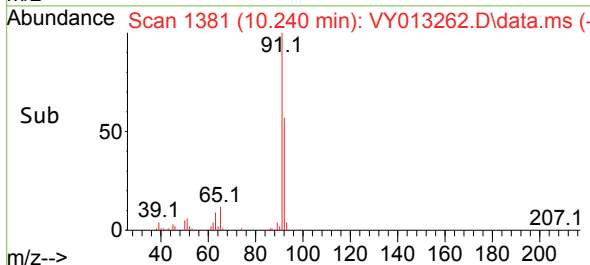
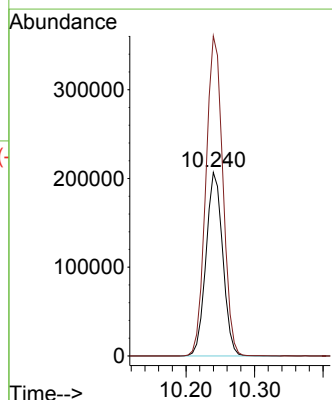
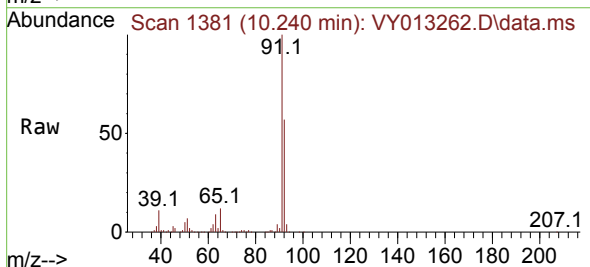
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

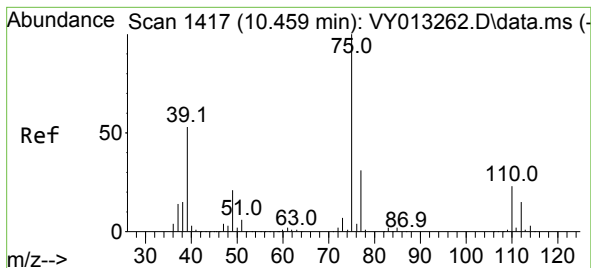
Tgt Ion: 43 Resp: 783600
Ion Ratio Lower Upper
43 100
58 35.6 29.8 44.6



#52
Toluene
Concen: 48.598 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 92 Resp: 351282
Ion Ratio Lower Upper
92 100
91 177.1 141.3 211.9

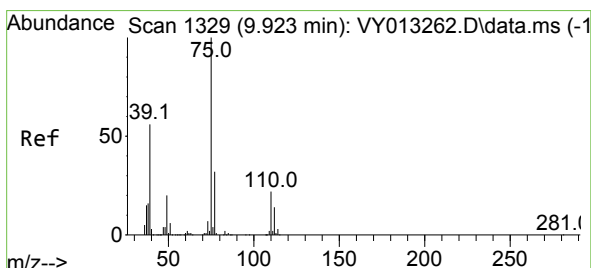
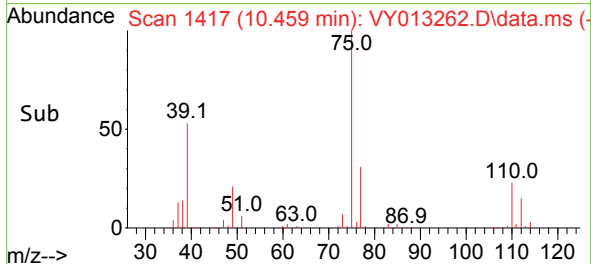
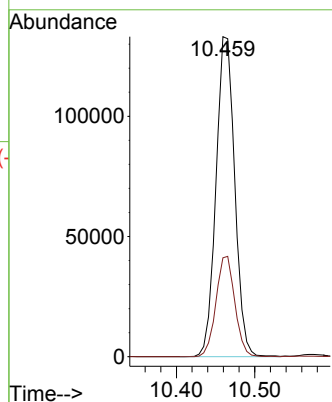
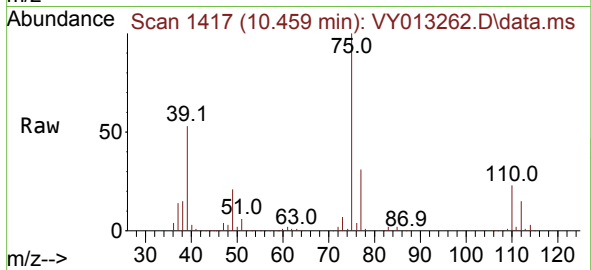




#53
 t-1,3-Dichloropropene
 Concen: 49.464 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

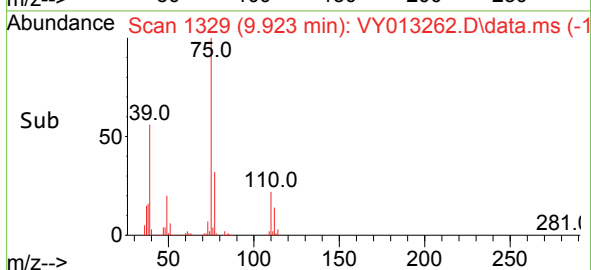
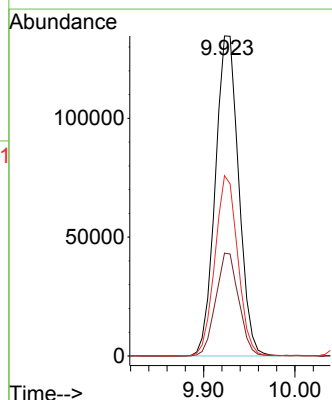
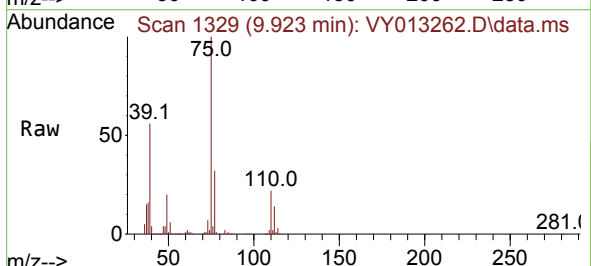
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

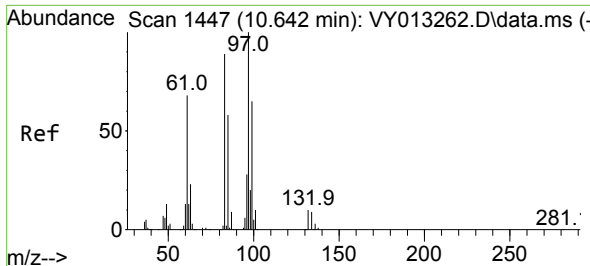
Tgt Ion: 75 Resp: 221440
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.837 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

Tgt Ion: 75 Resp: 239732
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 56.3 39.0 58.4



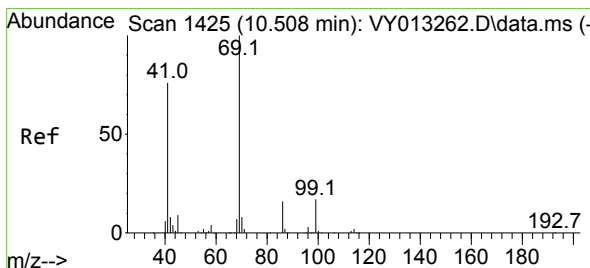
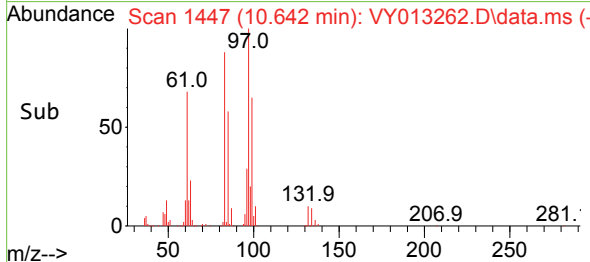
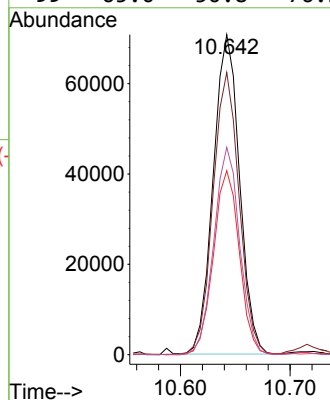
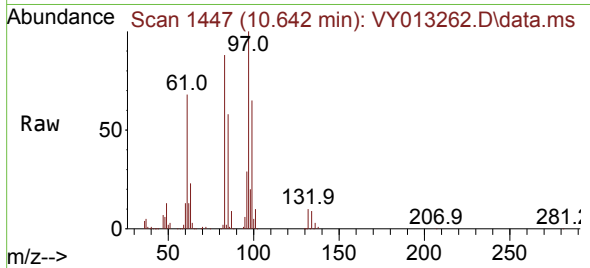


#55
1,1,2-Trichloroethane
Concen: 47.806 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 117870

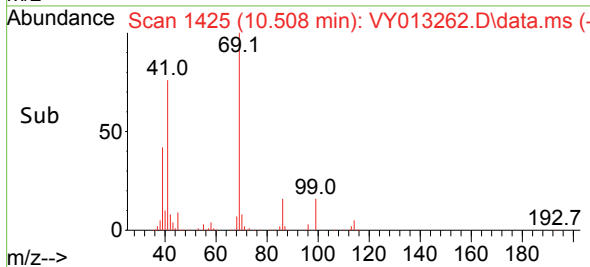
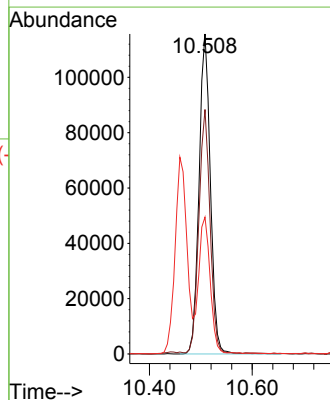
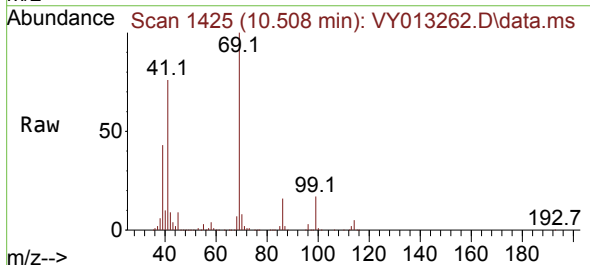
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.0	103.6
85	57.6	44.9	67.3
99	65.0	50.8	76.2

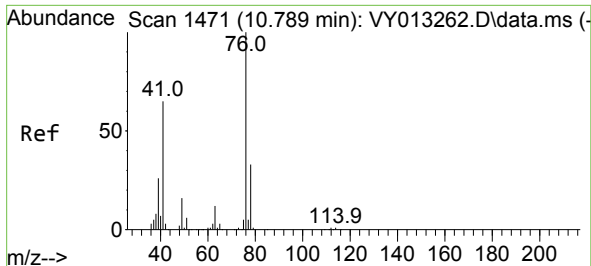


#56
Ethyl methacrylate
Concen: 52.509 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 69 Resp: 177267

Ion	Ratio	Lower	Upper
69	100		
41	75.1	56.4	84.6
39	43.9	30.8	46.2





#57

1,3-Dichloropropane

Concen: 49.306 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

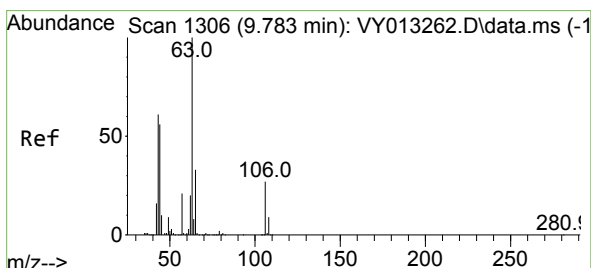
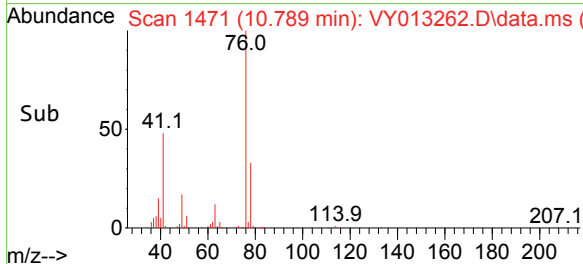
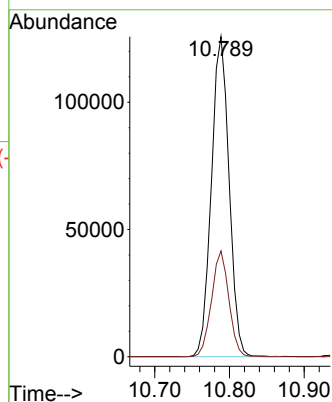
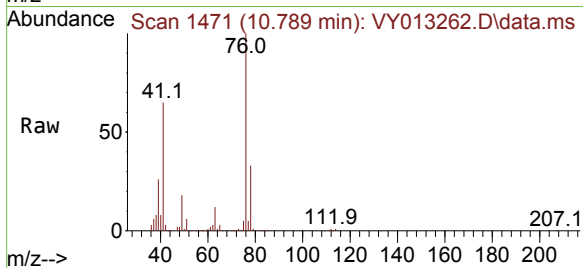
VSTDICCC050

Tgt Ion: 76 Resp: 206762

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 245.234 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013262.D

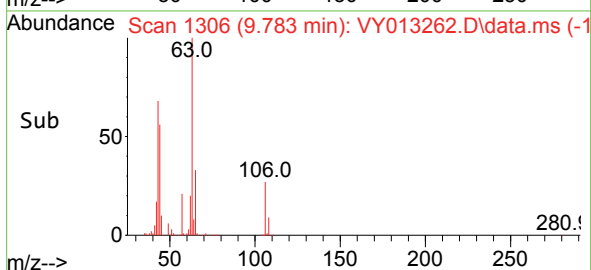
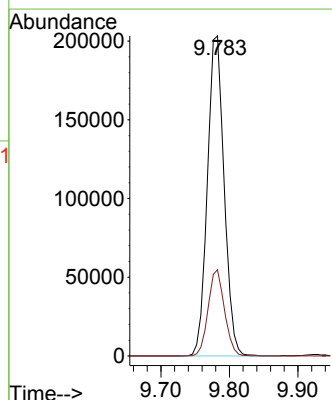
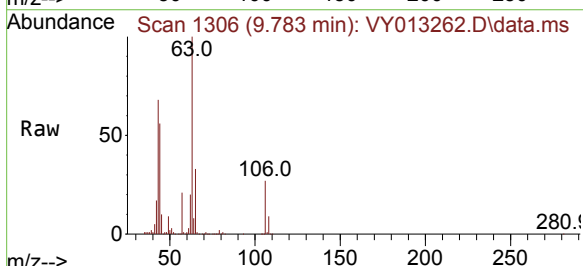
Acq: 12 Apr 2023 11:55

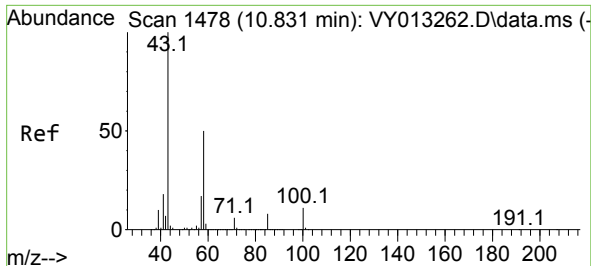
Tgt Ion: 63 Resp: 345684

Ion Ratio Lower Upper

63 100

106 26.3 22.1 33.1

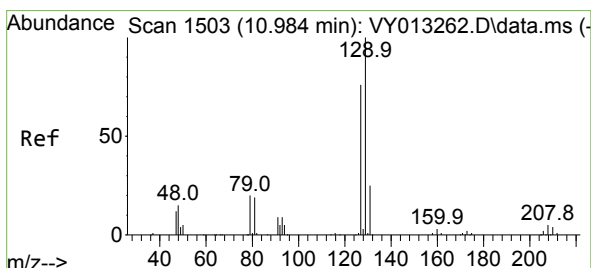
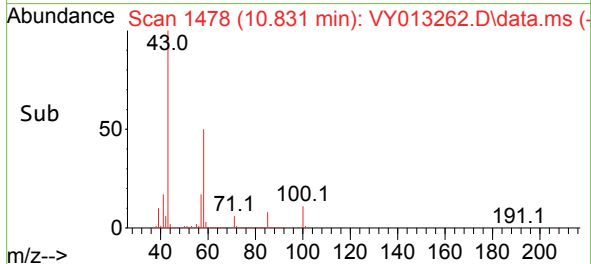
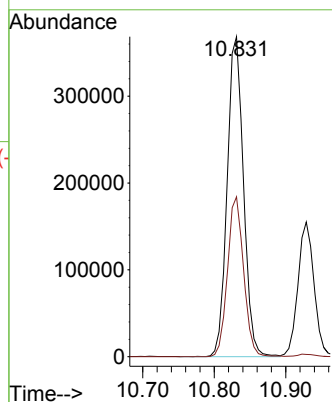
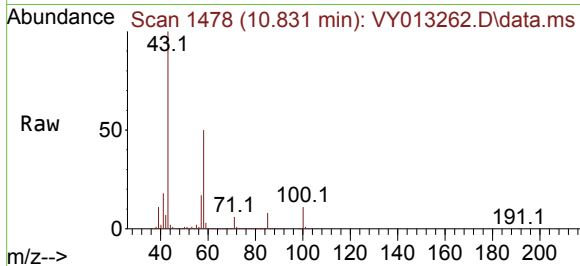




#59
2-Hexanone
Concen: 266.450 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

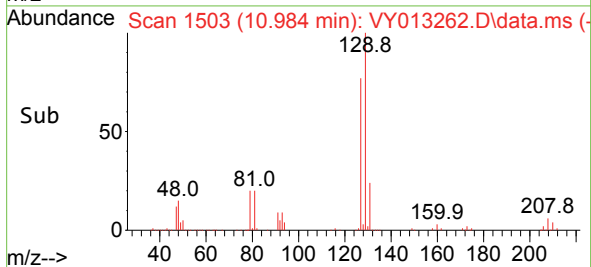
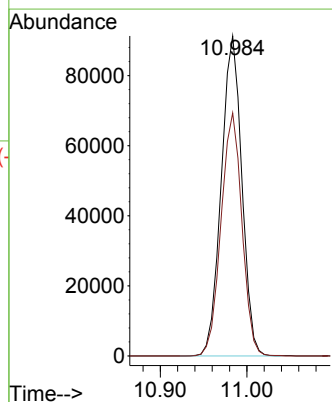
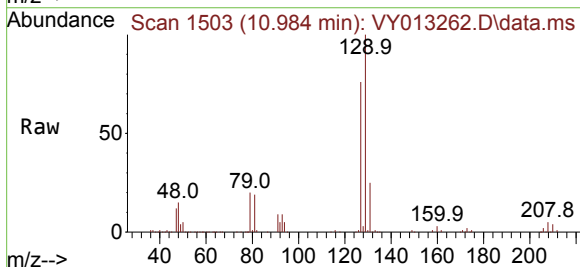
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

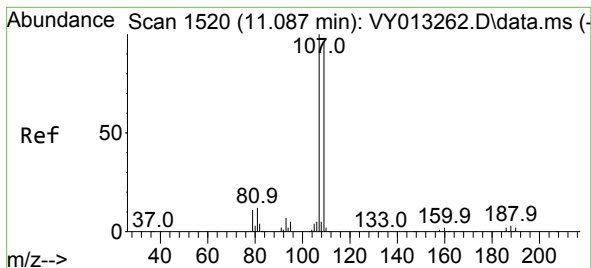
Tgt Ion: 43 Resp: 583883
Ion Ratio Lower Upper
43 100
58 49.3 25.9 77.8



#60
Dibromochloromethane
Concen: 48.716 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 129 Resp: 150608
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.663 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

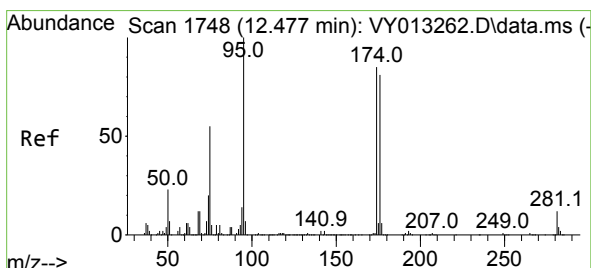
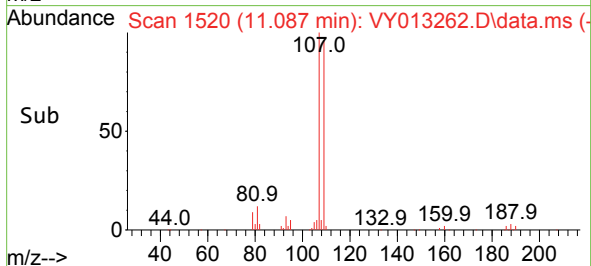
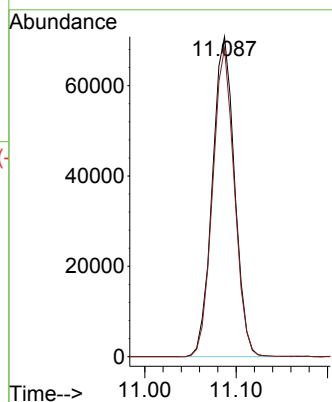
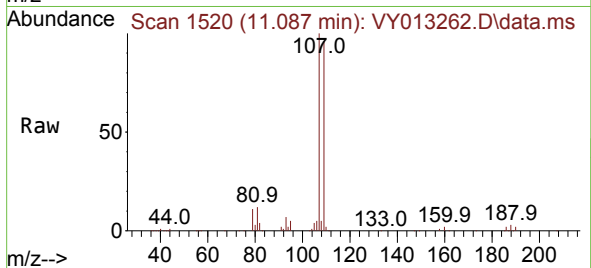
VSTDICCC050

Tgt Ion:107 Resp: 119237

Ion Ratio Lower Upper

107 100

109 94.2 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 50.410 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

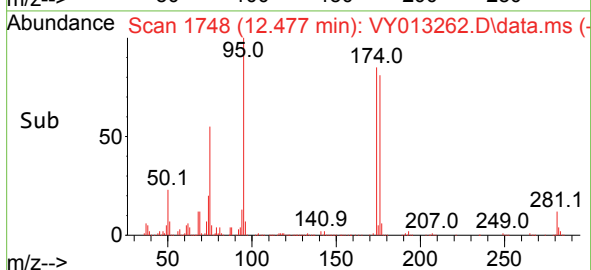
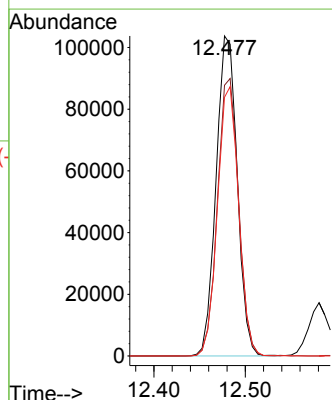
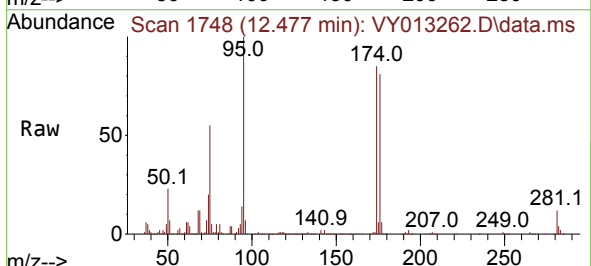
Tgt Ion: 95 Resp: 166445

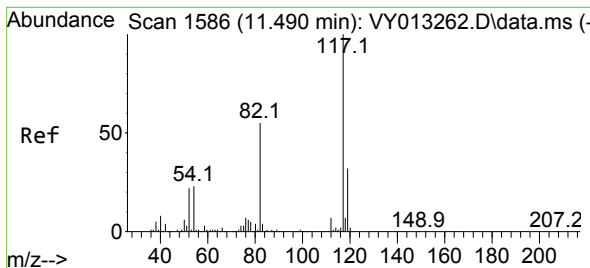
Ion Ratio Lower Upper

95 100

174 87.2 0.0 176.6

176 84.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

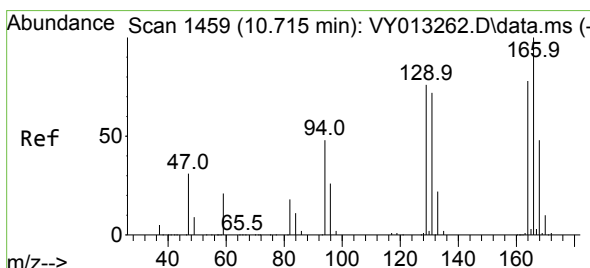
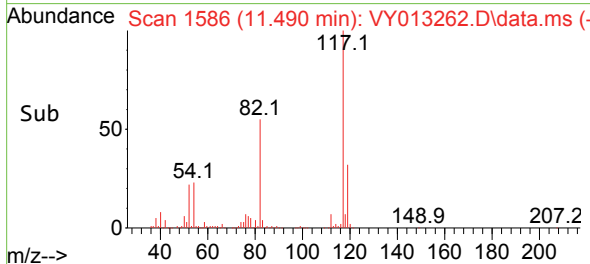
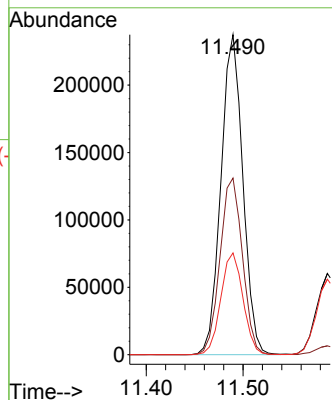
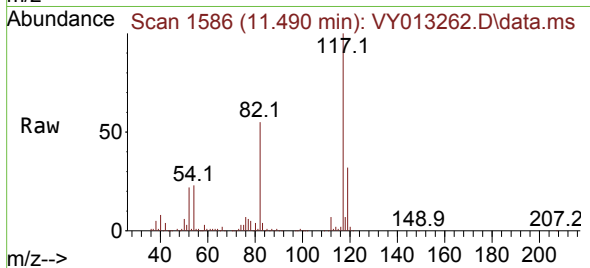
Tgt Ion:117 Resp: 373077

Ion Ratio Lower Upper

117 100

82 55.2 45.4 68.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 48.039 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Tgt Ion:164 Resp: 126440

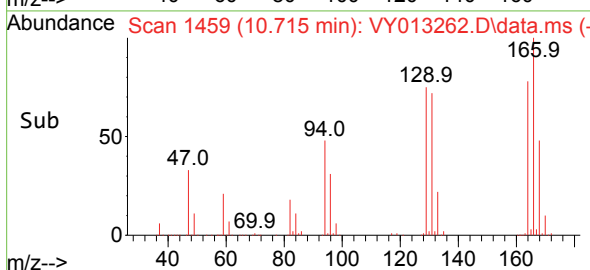
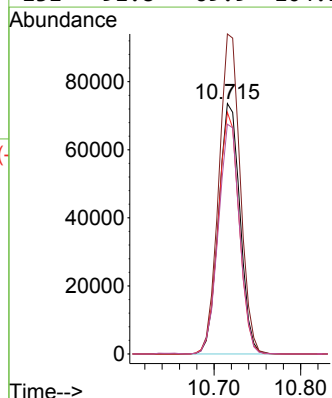
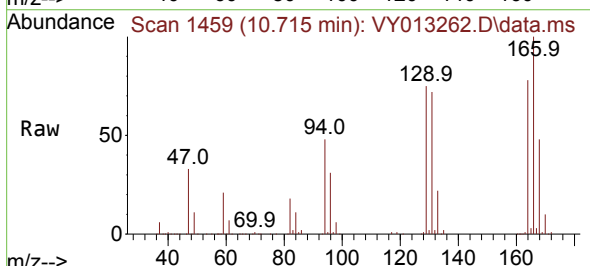
Ion Ratio Lower Upper

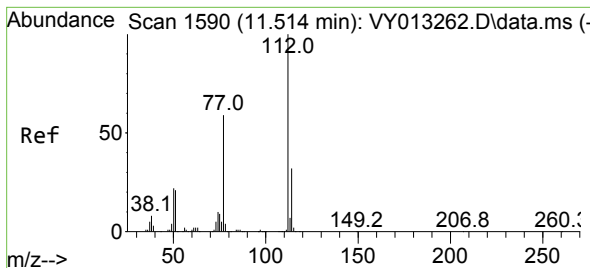
164 100

166 127.8 103.4 155.2

129 96.5 71.4 107.2

131 91.8 69.9 104.9





#65

Chlorobenzene

Concen: 47.871 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

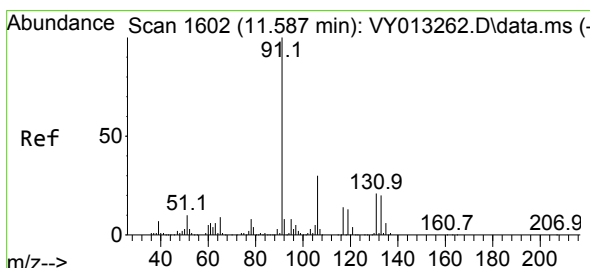
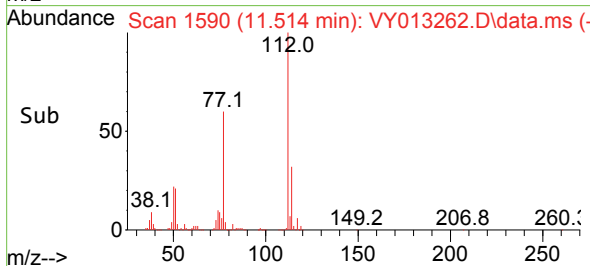
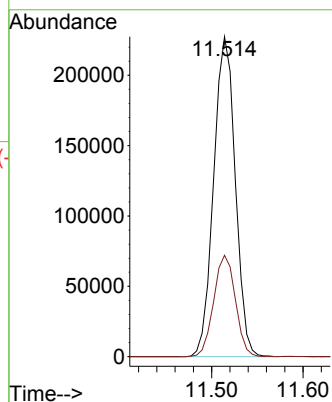
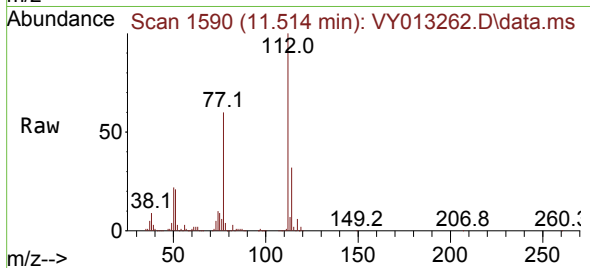
VSTDICCC050

Tgt Ion:112 Resp: 373602

Ion Ratio Lower Upper

112 100

114 31.7 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 48.867 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

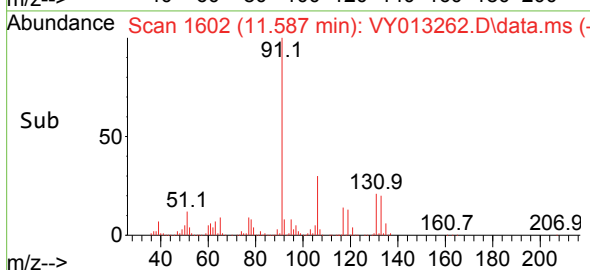
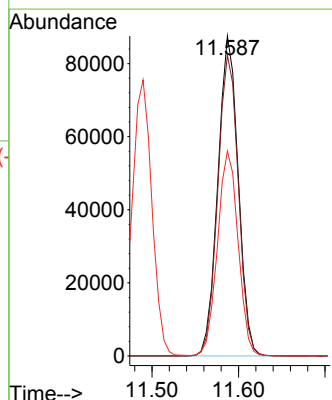
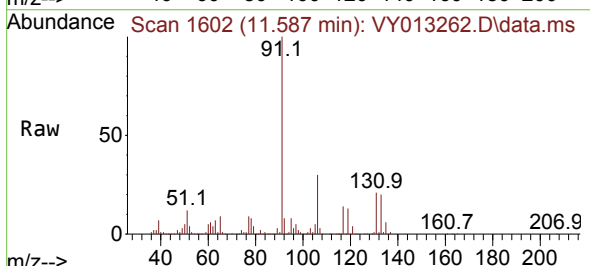
Tgt Ion:131 Resp: 143120

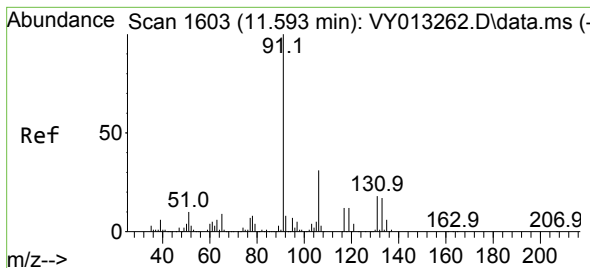
Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.0

119 64.8 32.6 98.0





#67

Ethyl Benzene

Concen: 49.477 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

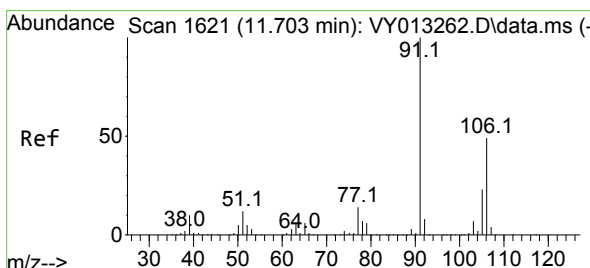
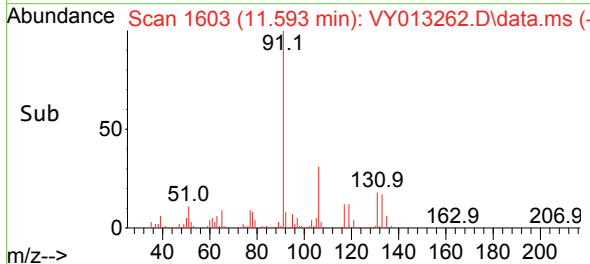
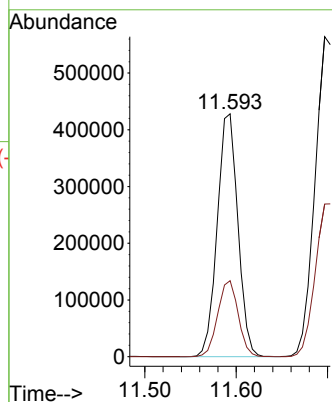
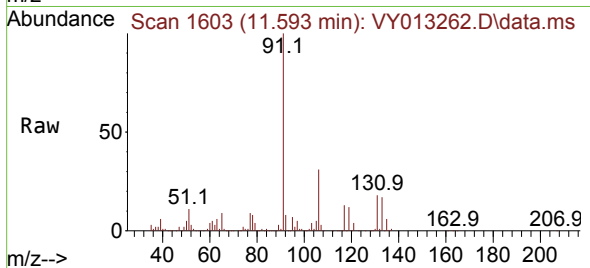
VSTDICCC050

Tgt Ion: 91 Resp: 672522

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 98.517 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013262.D

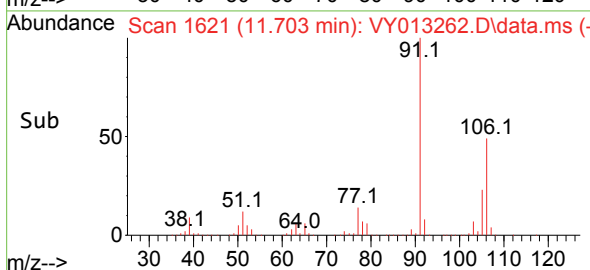
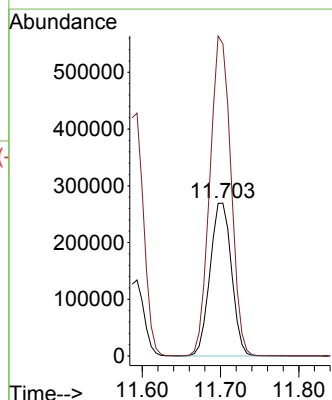
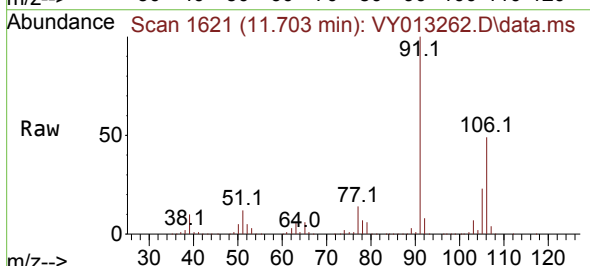
Acq: 12 Apr 2023 11:55

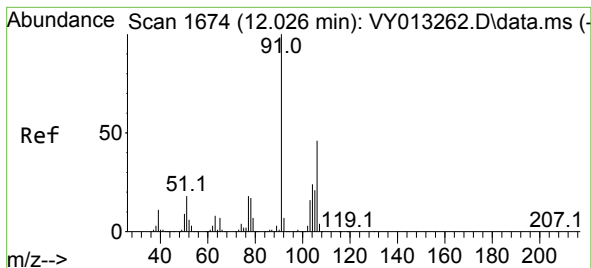
Tgt Ion: 106 Resp: 512357

Ion Ratio Lower Upper

106 100

91 205.8 159.8 239.8

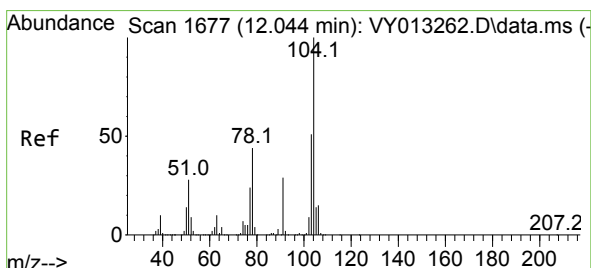
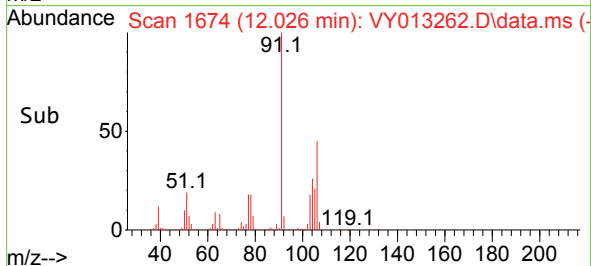
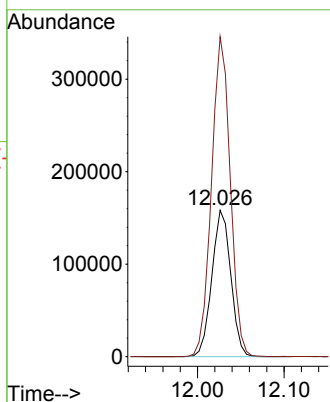
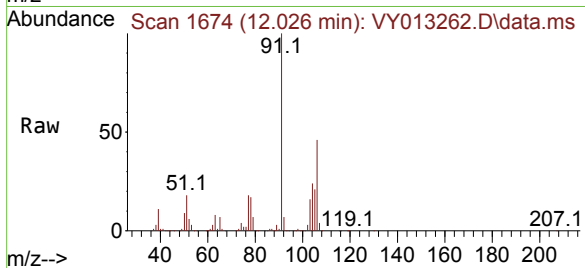




#69
o-Xylene
Concen: 49.880 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

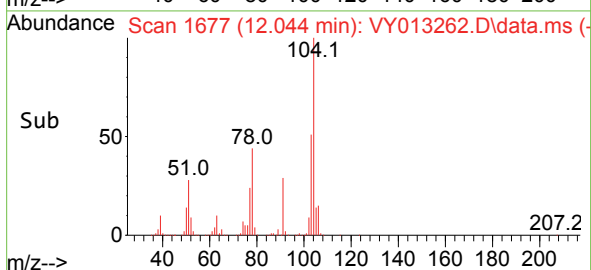
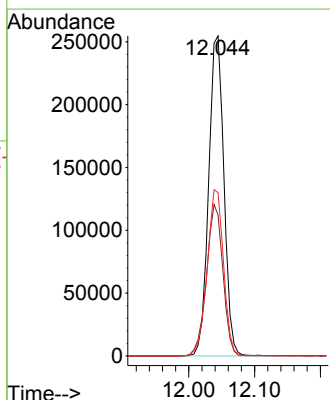
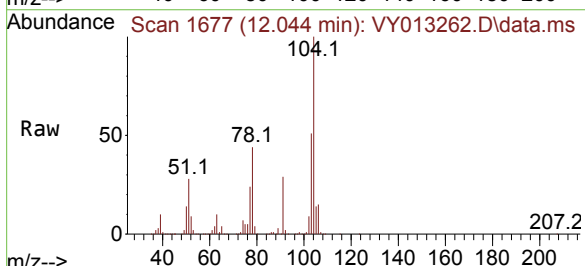
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

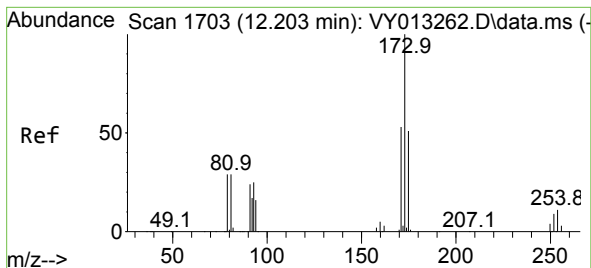
Tgt Ion:106 Resp: 240252
Ion Ratio Lower Upper
106 100
91 216.9 107.2 321.6



#70
Styrene
Concen: 50.607 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion:104 Resp: 411693
Ion Ratio Lower Upper
104 100
78 50.9 39.2 58.8
103 55.5 43.7 65.5





#71

Bromoform

Concen: 50.085 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

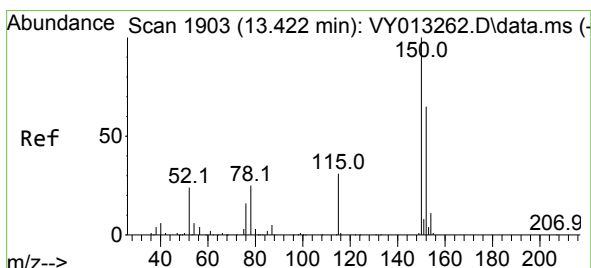
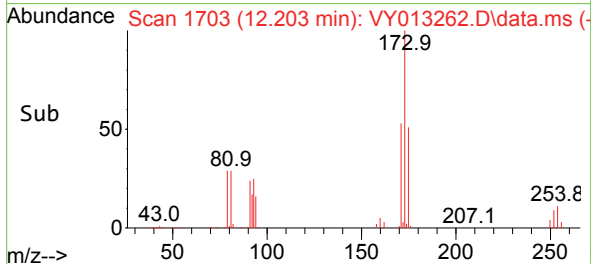
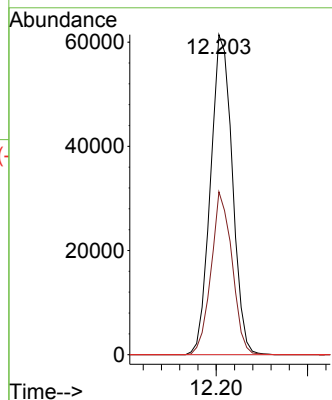
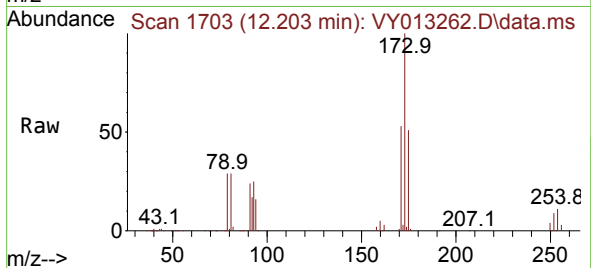
Tgt Ion:173 Resp: 101622

Ion Ratio Lower Upper

173 100

175 48.8 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

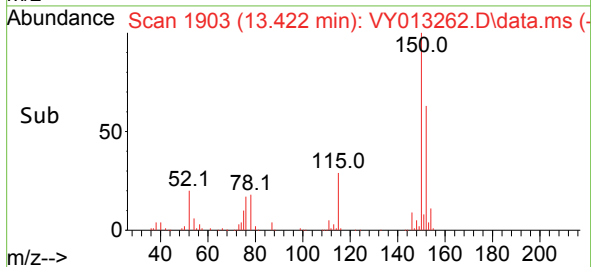
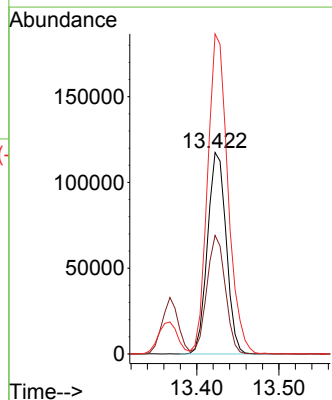
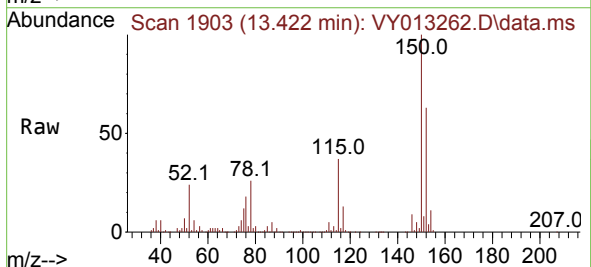
Tgt Ion:152 Resp: 185486

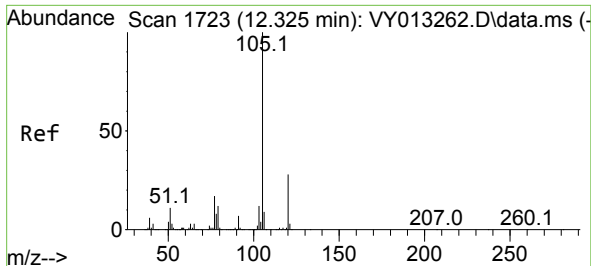
Ion Ratio Lower Upper

152 100

115 57.9 27.1 81.3

150 172.5 0.0 347.8

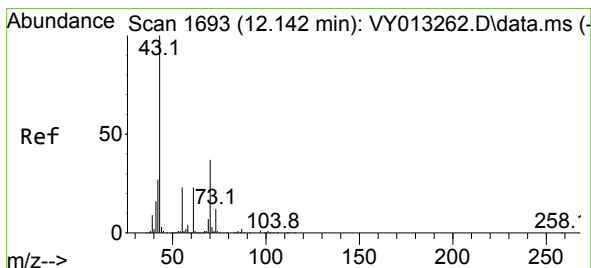
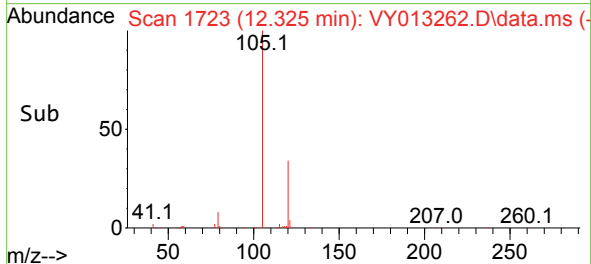
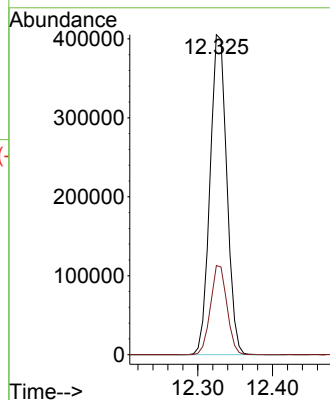
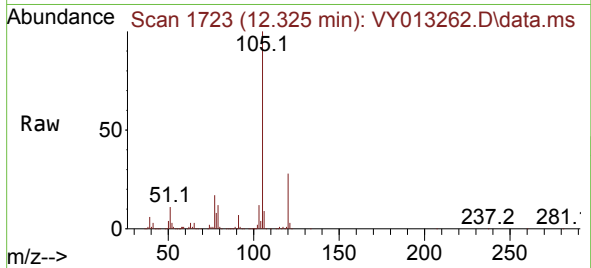




#73
Isopropylbenzene
Concen: 49.765 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

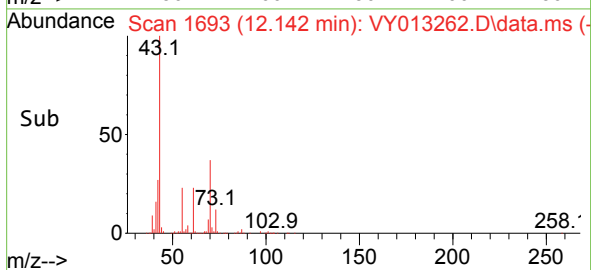
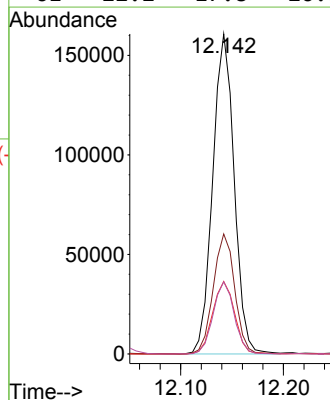
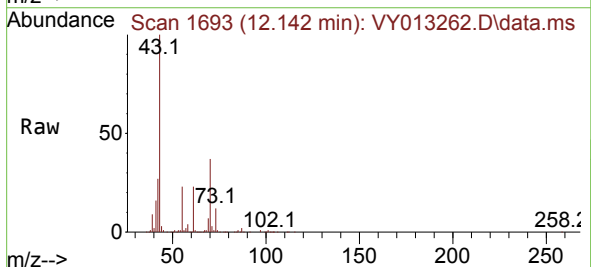
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

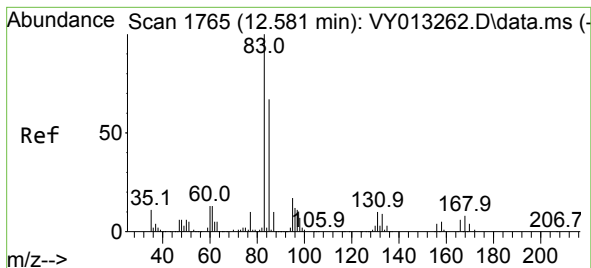
Tgt Ion:105 Resp: 633166
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 51.285 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 43 Resp: 232793
Ion Ratio Lower Upper
43 100
70 37.5 31.6 47.4
55 23.2 18.8 28.2
61 22.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.425 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

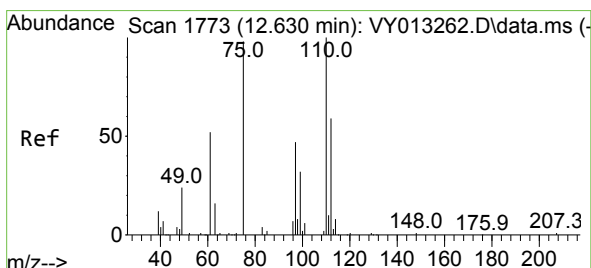
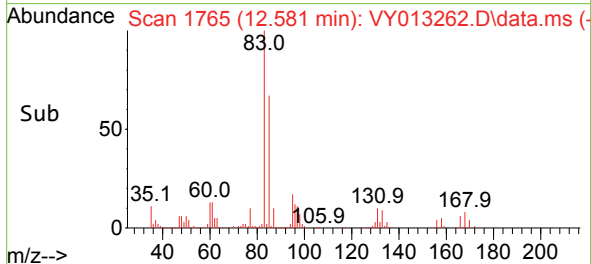
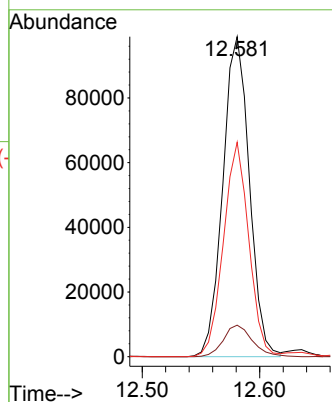
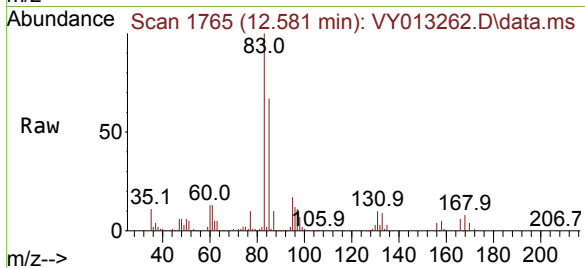
Tgt Ion: 83 Resp: 155344

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 64.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 80.762 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013262.D

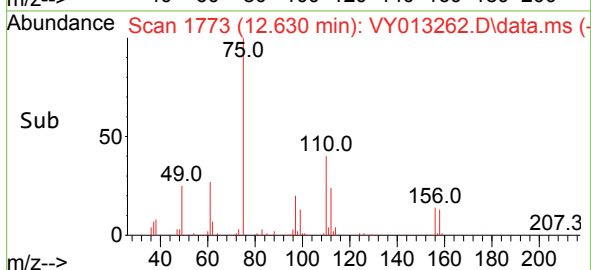
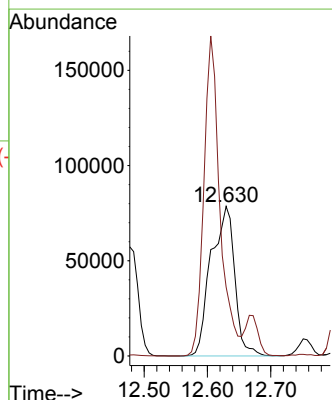
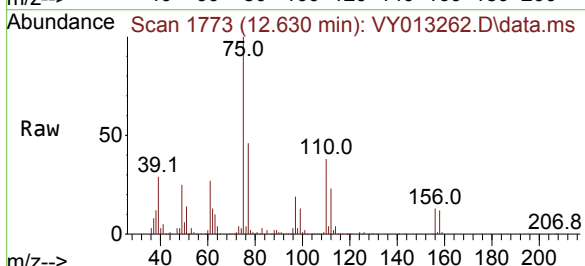
Acq: 12 Apr 2023 11:55

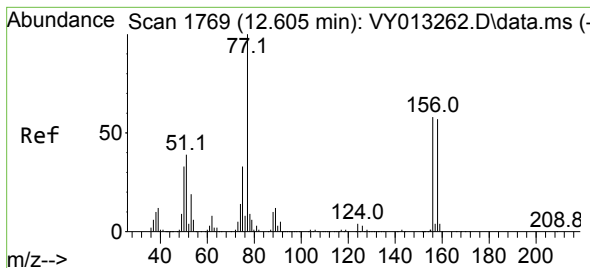
Tgt Ion: 75 Resp: 204312

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.439 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

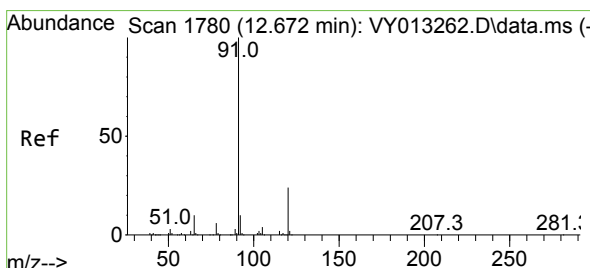
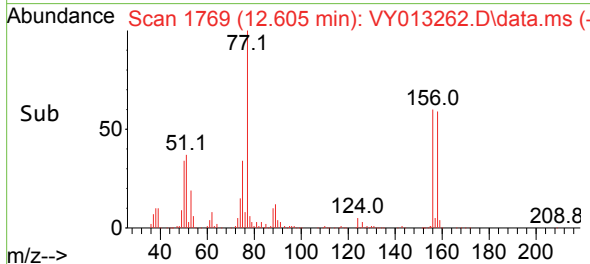
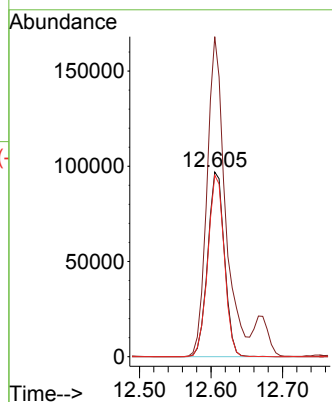
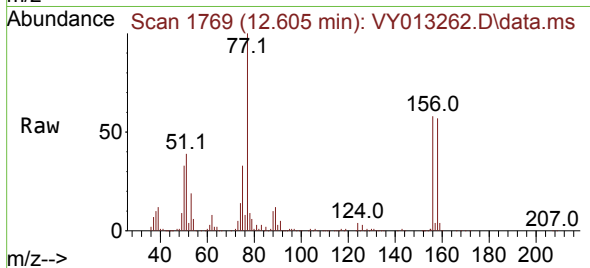
Tgt Ion:156 Resp: 157297

Ion Ratio Lower Upper

156 100

77 190.3 94.0 282.1

158 97.2 48.1 144.4



#78

n-propylbenzene

Concen: 50.134 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013262.D

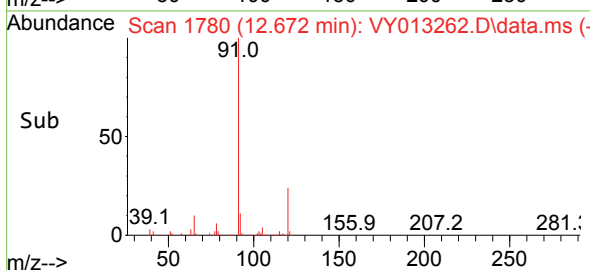
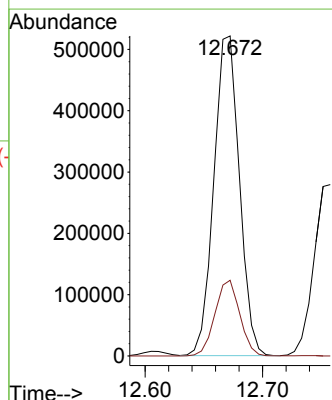
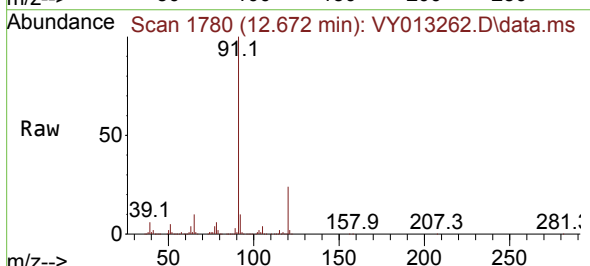
Acq: 12 Apr 2023 11:55

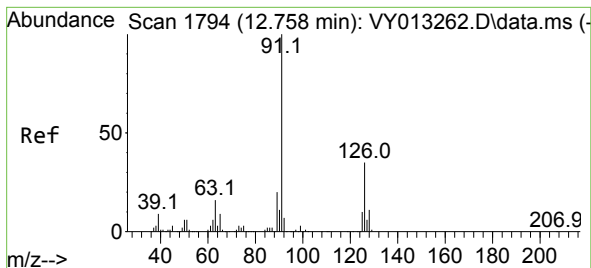
Tgt Ion: 91 Resp: 787782

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

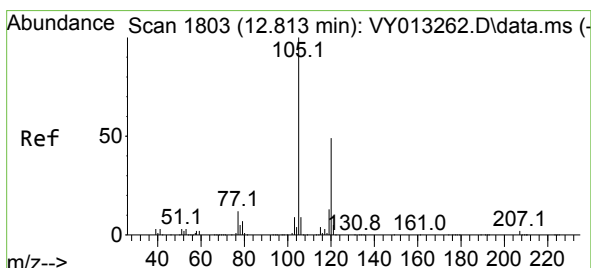
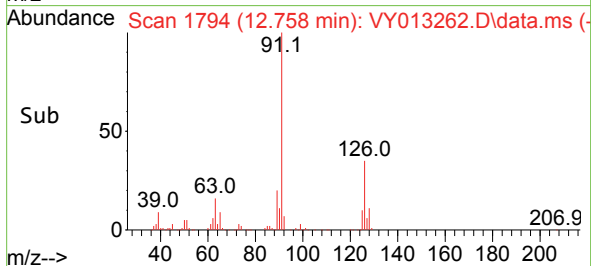
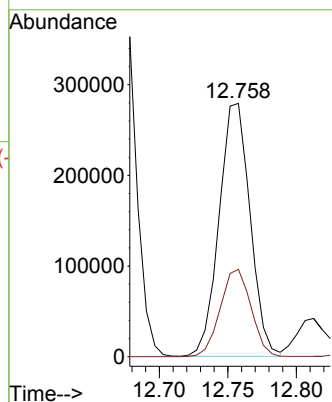
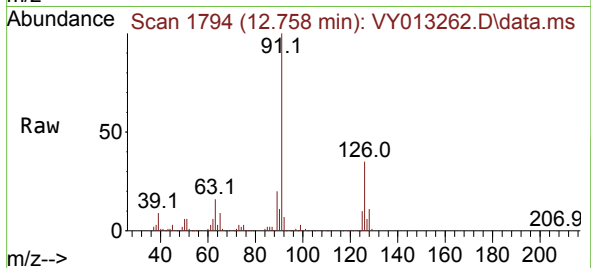




#79
2-Chlorotoluene
Concen: 49.780 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

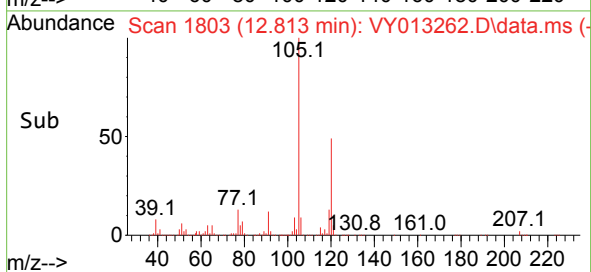
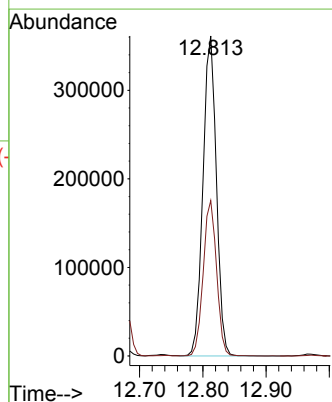
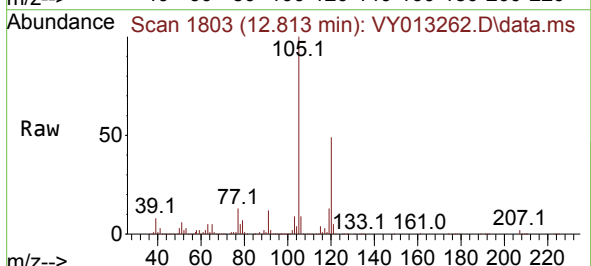
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

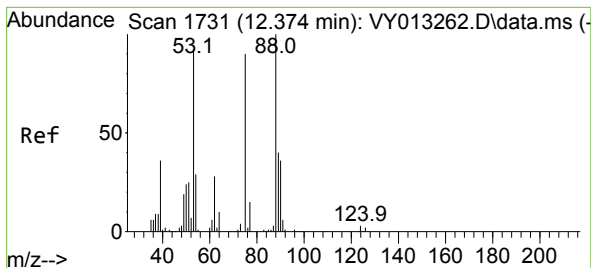
Tgt Ion: 91 Resp: 440307
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 50.174 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 105 Resp: 534713
Ion Ratio Lower Upper
105 100
120 48.3 24.8 74.4

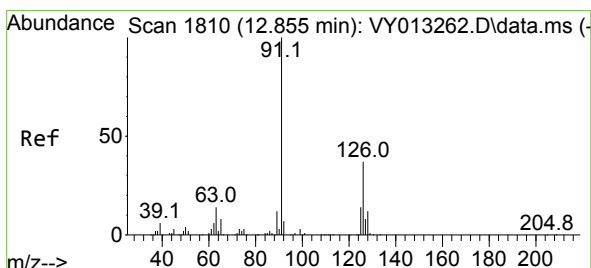
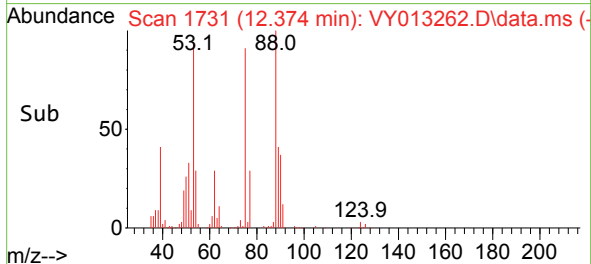
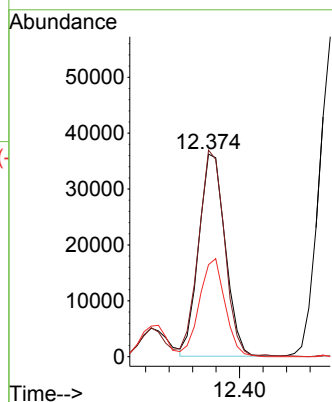
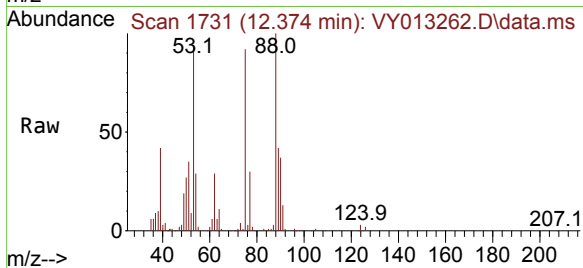




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.745 ug/l
 RT: 12.374 min Scan# 1731
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

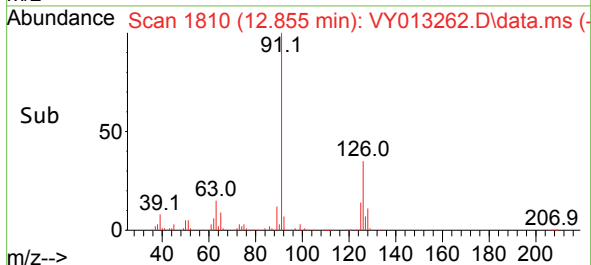
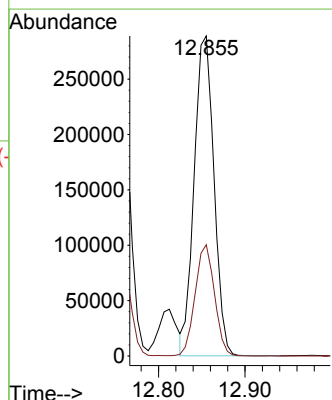
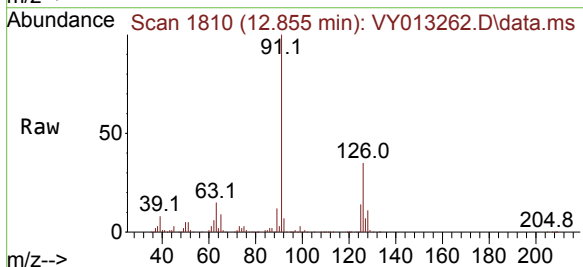
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

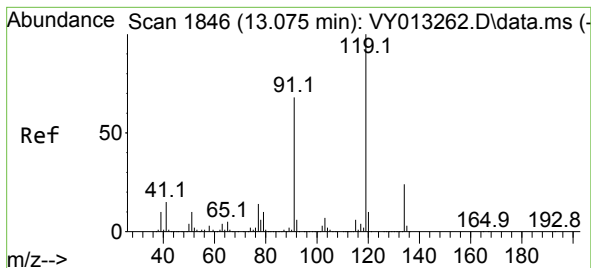
Tgt Ion: 75 Resp: 56510
 Ion Ratio Lower Upper
 75 100
 53 101.6 73.4 110.0
 89 46.9 36.6 55.0



#82
 4-Chlorotoluene
 Concen: 49.126 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY013262.D
 Acq: 12 Apr 2023 11:55

Tgt Ion: 91 Resp: 458091
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.7 53.1





#83

tert-Butylbenzene

Concen: 50.128 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

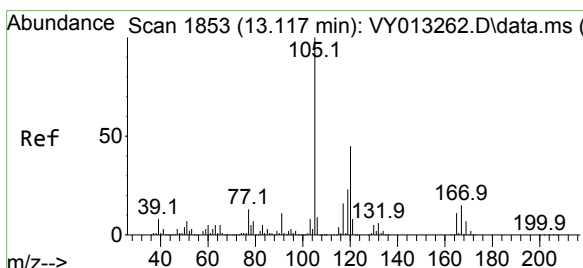
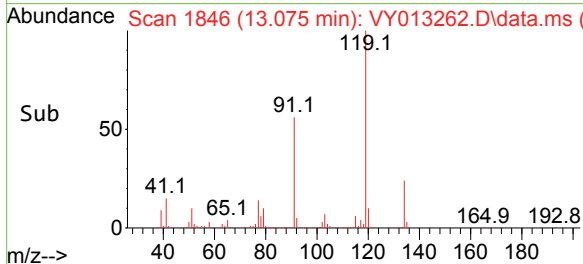
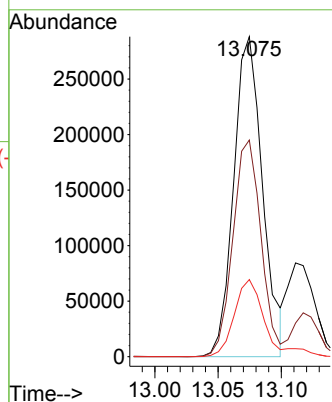
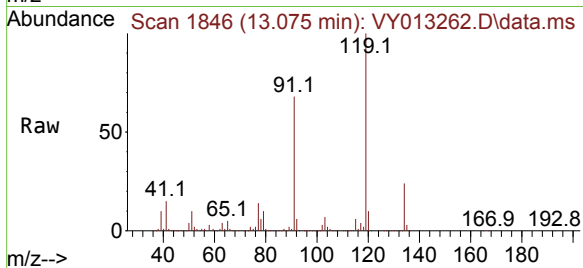
Tgt Ion:119 Resp: 458398

Ion Ratio Lower Upper

119 100

91 65.8 32.8 98.3

134 25.6 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 50.659 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013262.D

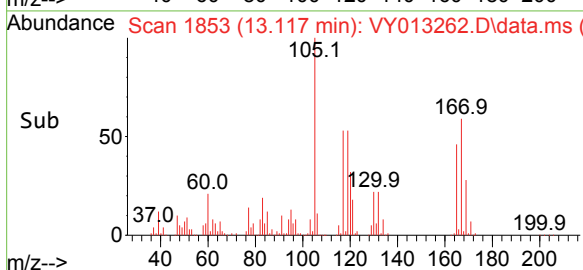
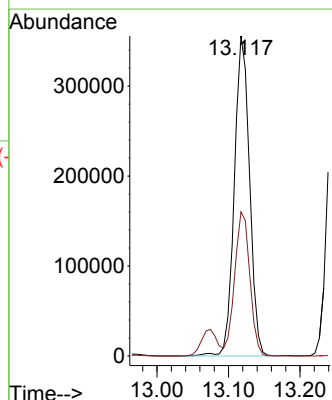
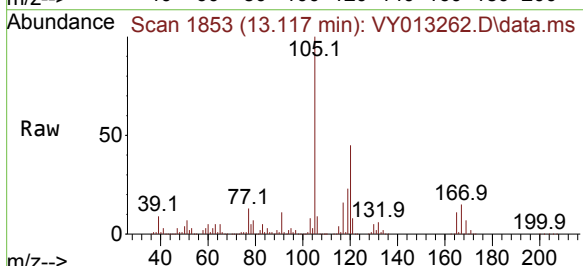
Acq: 12 Apr 2023 11:55

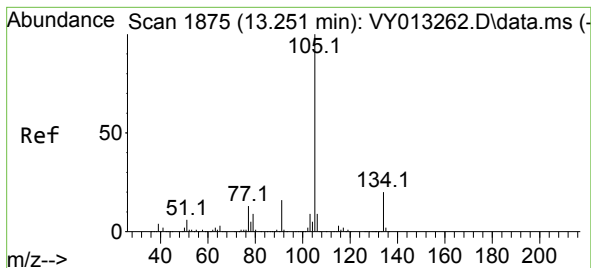
Tgt Ion:105 Resp: 525429

Ion Ratio Lower Upper

105 100

120 44.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 49.851 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

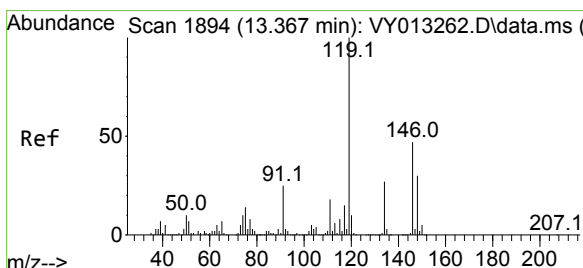
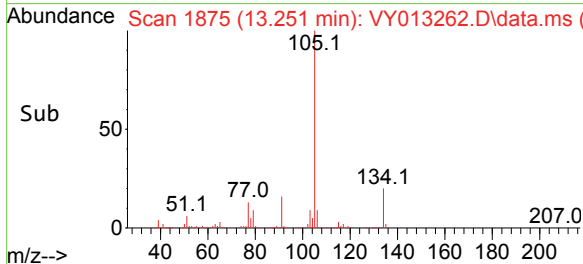
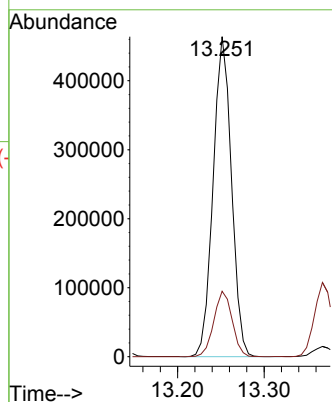
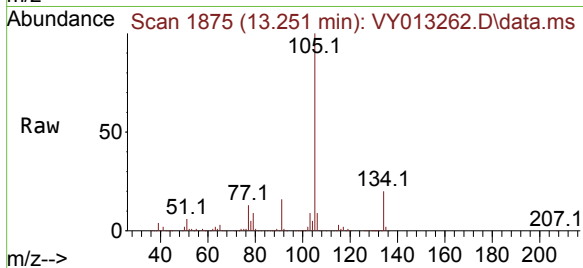
VSTDICCC050

Tgt Ion:105 Resp: 681723

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.354 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

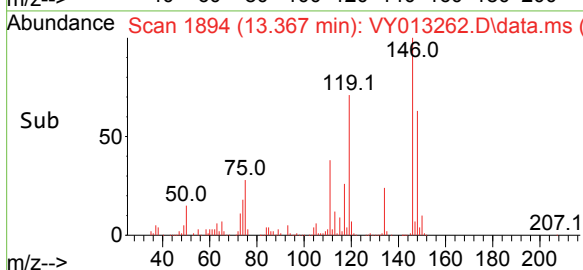
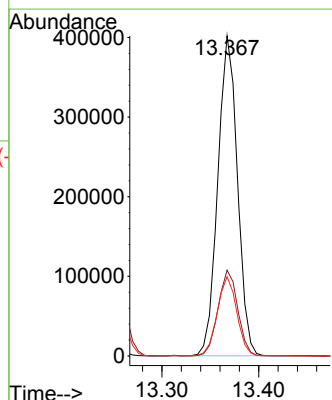
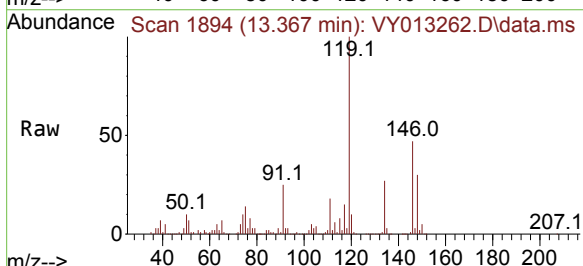
Tgt Ion:119 Resp: 565042

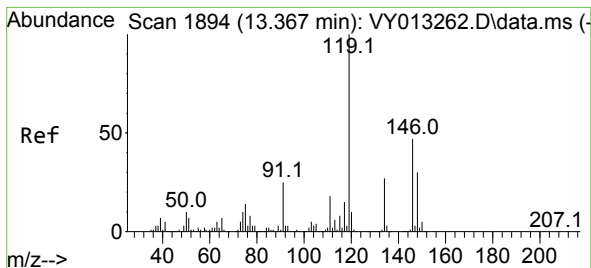
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 24.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.194 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

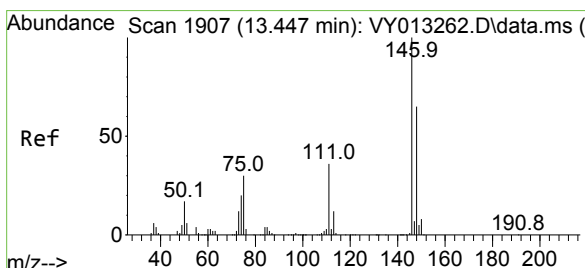
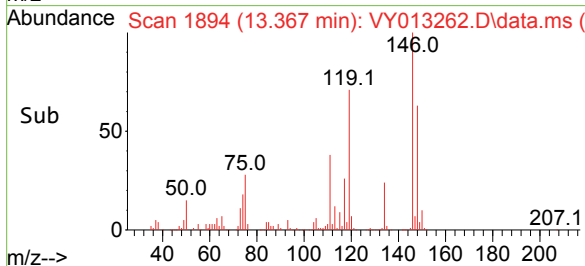
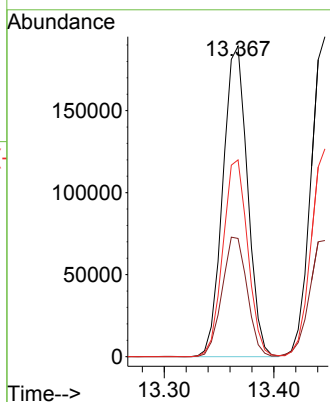
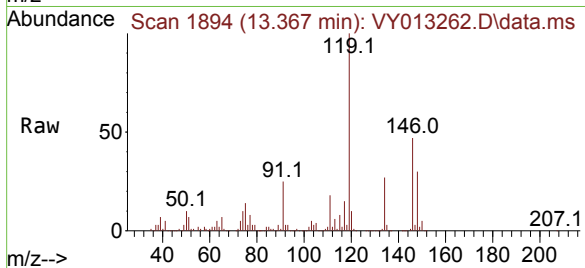
Tgt Ion:146 Resp: 295581

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.5

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.180 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

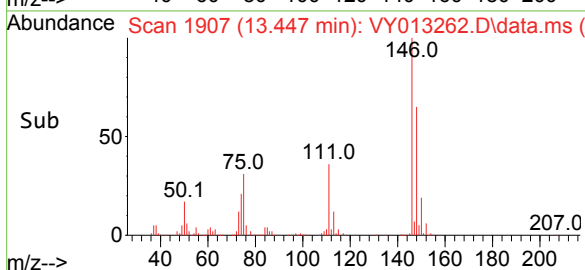
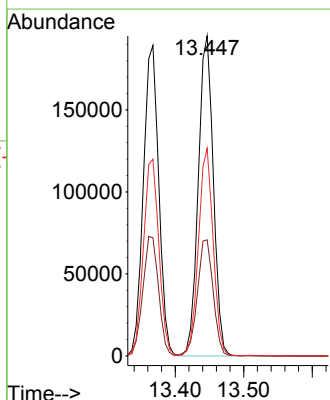
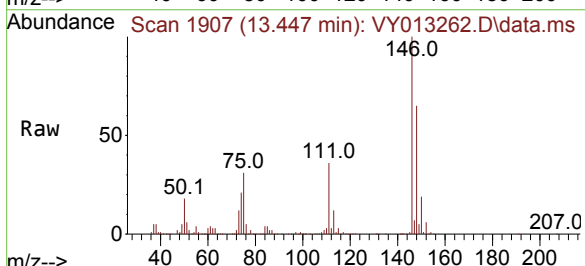
Tgt Ion:146 Resp: 298613

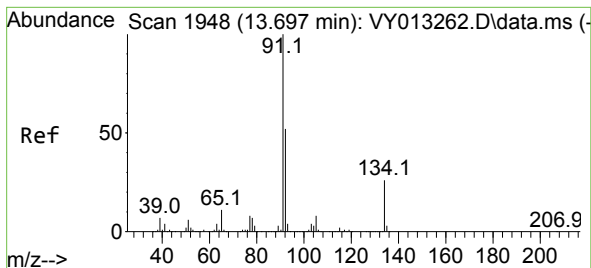
Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

148 63.3 31.5 94.5





#89

n-Butylbenzene

Concen: 49.965 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

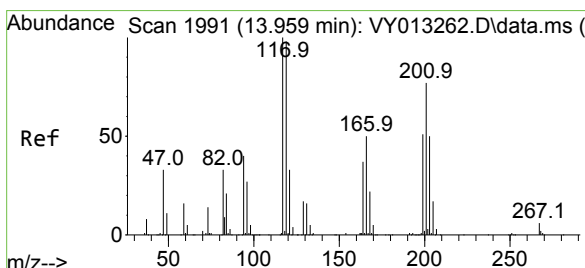
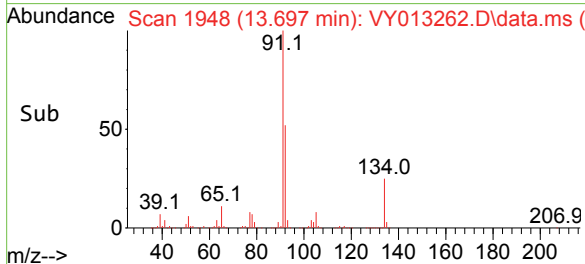
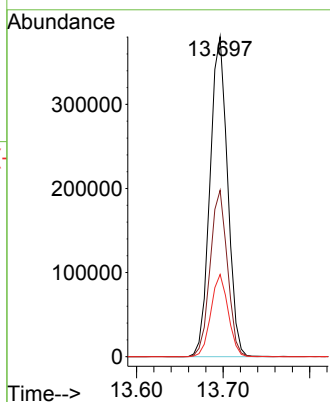
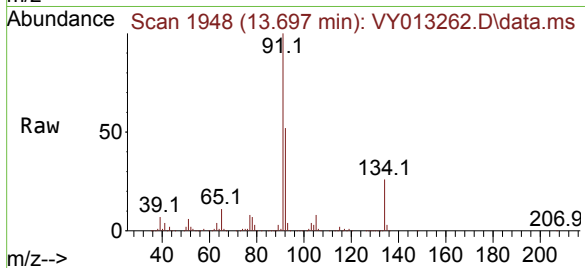
Tgt Ion: 91 Resp: 536257

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.0

134 25.3 13.0 38.9



#90

Hexachloroethane

Concen: 47.412 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013262.D

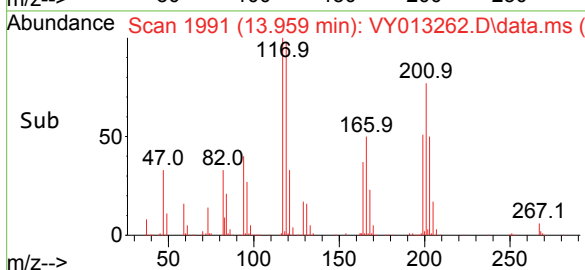
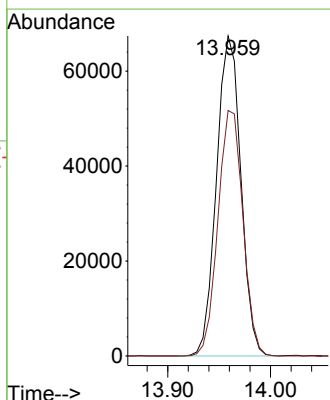
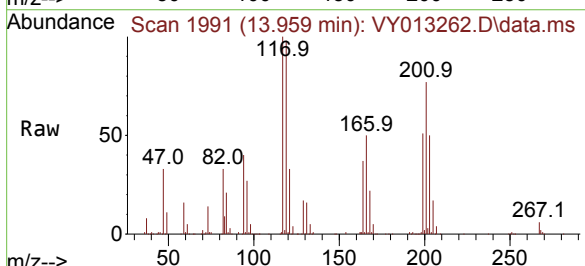
Acq: 12 Apr 2023 11:55

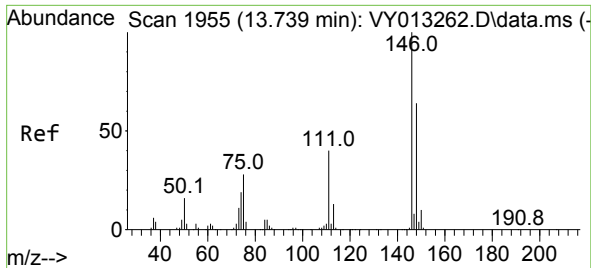
Tgt Ion: 117 Resp: 110932

Ion Ratio Lower Upper

117 100

201 78.6 39.4 118.1

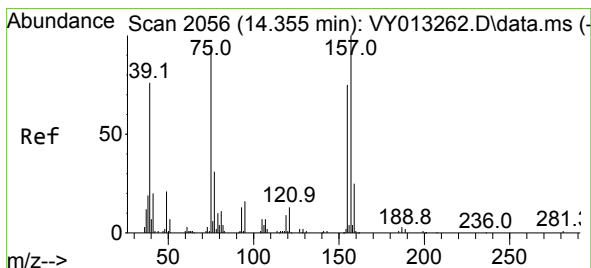
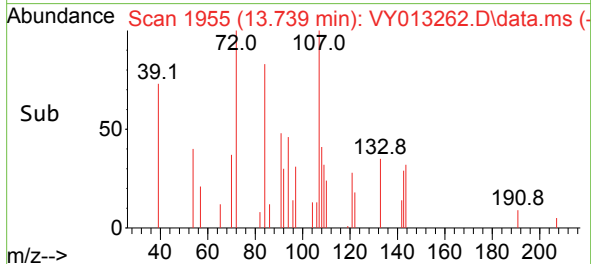
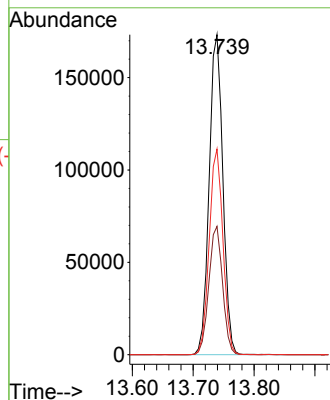
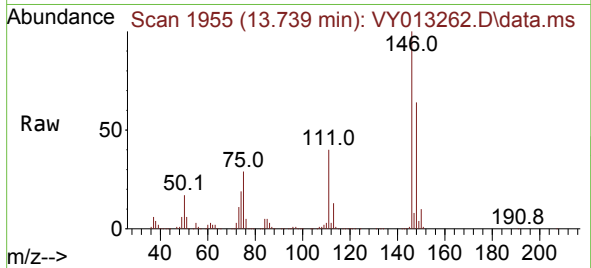




#91
1,2-Dichlorobenzene
Concen: 48.338 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

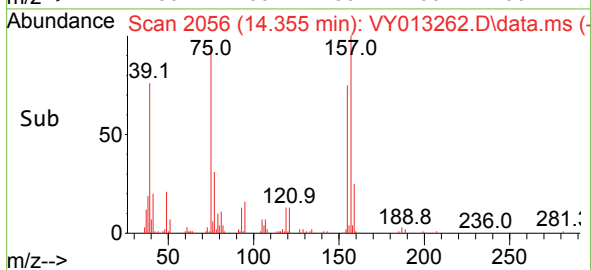
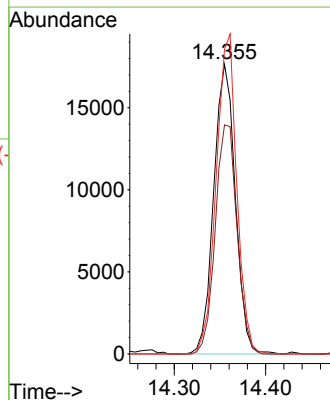
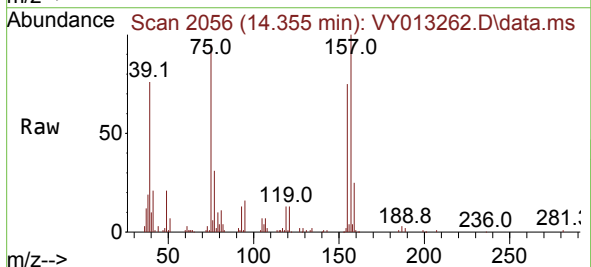
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

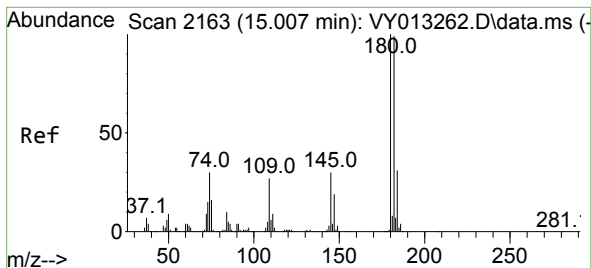
Tgt Ion:146 Resp: 269773
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.1
148 64.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.724 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013262.D
Acq: 12 Apr 2023 11:55

Tgt Ion: 75 Resp: 28952
Ion Ratio Lower Upper
75 100
155 79.8 43.8 131.4
157 105.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 49.970 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

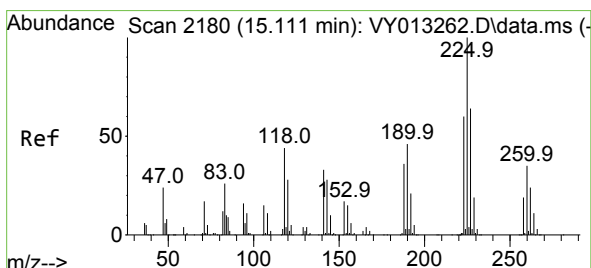
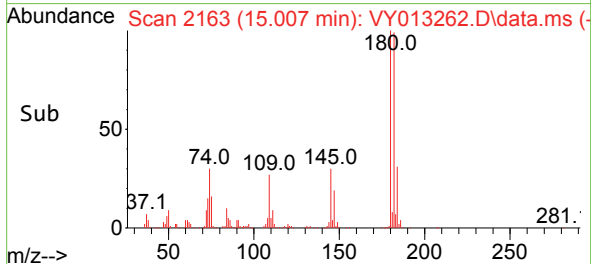
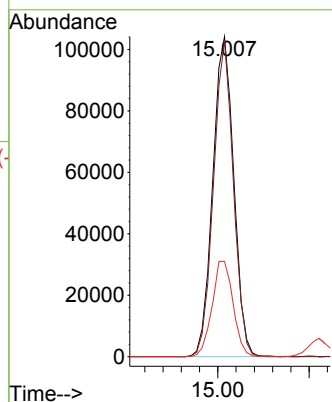
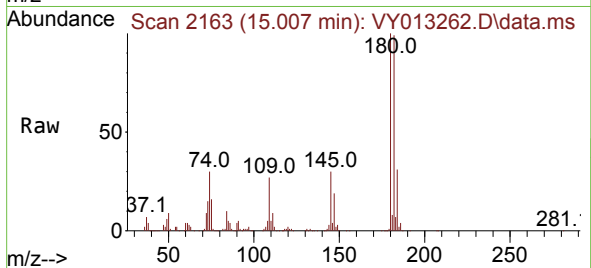
Tgt Ion:180 Resp: 165750

Ion Ratio Lower Upper

180 100

182 93.7 46.7 140.1

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.260 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

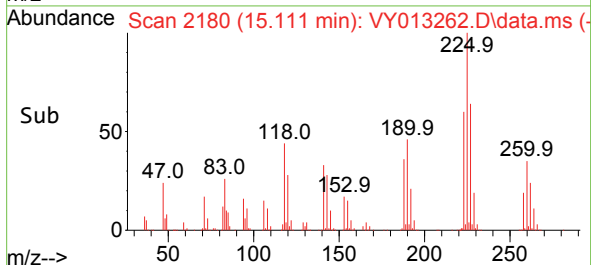
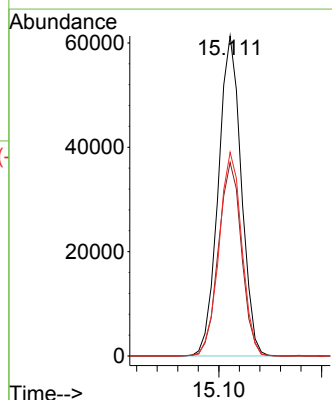
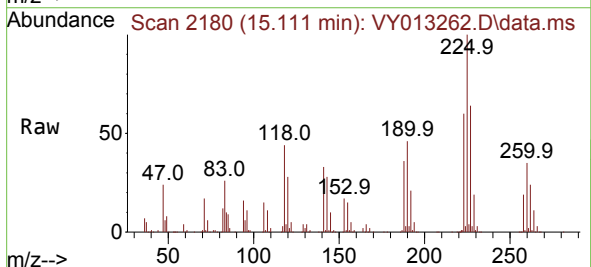
Tgt Ion:225 Resp: 94789

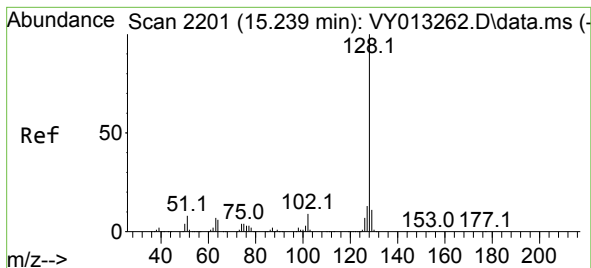
Ion Ratio Lower Upper

225 100

223 60.9 31.1 93.3

227 63.2 32.4 97.0





#95

Naphthalene

Concen: 52.565 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

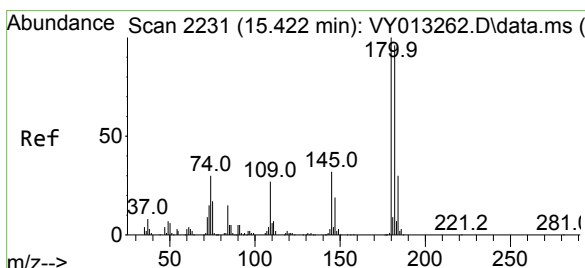
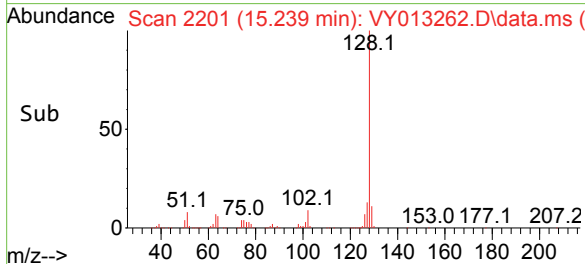
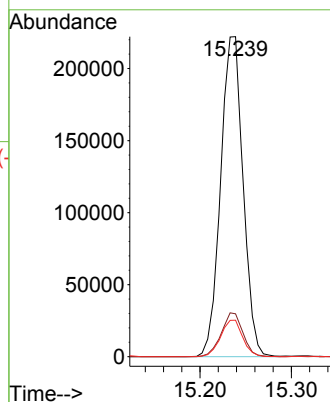
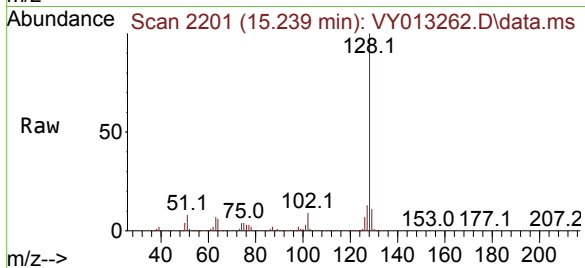
Tgt Ion:128 Resp: 379809

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.372 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013262.D

Acq: 12 Apr 2023 11:55

Tgt Ion:180 Resp: 149200

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

145 31.6 15.3 45.8

