

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013511.D
 Acq On : 27 Apr 2023 22:44
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 28 01:36:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	279092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	437209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	398218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	166646	54.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.940%	
35) Dibromofluoromethane	7.716	113	144283	52.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.940%	
50) Toluene-d8	10.179	98	490130	50.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.477	95	174385	52.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	121457	45.776	ug/l	99
3) Chloromethane	2.107	50	149195	41.949	ug/l	99
4) Vinyl Chloride	2.247	62	143939	40.647	ug/l	99
5) Bromomethane	2.650	94	114205	40.470	ug/l	98
6) Chloroethane	2.790	64	96518	39.453	ug/l	98
7) Trichlorofluoromethane	3.119	101	237944	44.355	ug/l	98
8) Diethyl Ether	3.528	74	85629	46.873	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	130809	43.471	ug/l	98
10) Methyl Iodide	4.082	142	162001	42.864	ug/l	98
11) Tert butyl alcohol	4.985	59	97537	282.959	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	126826	43.725	ug/l	93
13) Acrolein	3.729	56	64206	239.824	ug/l	95
14) Allyl chloride	4.473	41	239651	44.528	ug/l	97
15) Acrylonitrile	5.161	53	274207	268.019	ug/l	99
16) Acetone	3.954	43	237765	197.340	ug/l	96
17) Carbon Disulfide	4.186	76	406860	43.182	ug/l	98
18) Methyl Acetate	4.473	43	202643	50.924	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	412294	49.236	ug/l	98
20) Methylene Chloride	4.710	84	175234	45.736	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	147990	46.664	ug/l	96
22) Diisopropyl ether	6.112	45	520794	49.507	ug/l	95
23) Vinyl Acetate	6.051	43	1664048	279.386	ug/l	96
24) 1,1-Dichloroethane	6.009	63	276888	47.227	ug/l	99
25) 2-Butanone	6.984	43	370780	242.655	ug/l	94
26) 2,2-Dichloropropane	6.978	77	211165	41.798	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	169657	48.418	ug/l	97
28) Bromochloromethane	7.326	49	112964	54.296	ug/l #	81
29) Tetrahydrofuran	7.344	42	254878	267.967	ug/l	92
30) Chloroform	7.502	83	289451	49.656	ug/l	100
31) Cyclohexane	7.783	56	228258	41.670	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	247425	47.567	ug/l	98
36) 1,1-Dichloropropene	7.911	75	210402	46.103	ug/l	97
37) Ethyl Acetate	7.070	43	177834	51.781	ug/l	95
38) Carbon Tetrachloride	7.899	117	225165	47.073	ug/l	96
39) Methylcyclohexane	9.179	83	235259	43.727	ug/l	97
40) Benzene	8.155	78	622433	48.418	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	238903	149.277	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	217987	51.866	ug/l	99
43) Isopropyl Acetate	8.271	43	294300	50.769	ug/l	96
44) Trichloroethene	8.935	130	157965	46.194	ug/l	91
45) 1,2-Dichloropropane	9.209	63	166013	49.390	ug/l	99
46) Dibromomethane	9.301	93	100762	50.101	ug/l	96
47) Bromodichloromethane	9.496	83	227958	50.654	ug/l	99
48) Methyl methacrylate	9.289	41	136044	51.100	ug/l	95
49) 1,4-Dioxane	9.307	88	32388	1127.567	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	878203	271.866	ug/l	96
52) Toluene	10.240	92	378711	48.954	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	232671	48.852	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	257326	48.015	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	136824	51.372	ug/l	98
56) Ethyl methacrylate	10.508	69	194084	52.526	ug/l	90
57) 1,3-Dichloropropane	10.788	76	232260	51.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	360326	260.054	ug/l	94
59) 2-Hexanone	10.831	43	622539	265.119	ug/l	96
60) Dibromochloromethane	10.984	129	164061	50.731	ug/l	100
61) 1,2-Dibromoethane	11.087	107	132837	50.729	ug/l	99
64) Tetrachloroethene	10.715	164	144619	47.759	ug/l	96
65) Chlorobenzene	11.514	112	404904	46.676	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	157784	48.634	ug/l	100
67) Ethyl Benzene	11.587	91	721713	47.379	ug/l	98
68) m/p-Xylenes	11.697	106	545637	94.225	ug/l	96
69) o-Xylene	12.026	106	259625	47.406	ug/l	96
70) Styrene	12.038	104	449030	49.036	ug/l	99
71) Bromoform	12.203	173	116577	51.300	ug/l #	98
73) Isopropylbenzene	12.325	105	667093	45.263	ug/l	99
74) N-amyl acetate	12.142	43	257266	49.052	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	172514	47.888	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	225213	85.701	ug/l #	100
77) Bromobenzene	12.605	156	173235	48.510	ug/l	91
78) n-propylbenzene	12.666	91	827685	45.594	ug/l	97
79) 2-Chlorotoluene	12.752	91	472981	46.657	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	557281	46.327	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	59526	46.335	ug/l	94
82) 4-Chlorotoluene	12.849	91	486889	46.080	ug/l	98
83) tert-Butylbenzene	13.075	119	484557	46.495	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	560419	47.918	ug/l	100
85) sec-Butylbenzene	13.251	105	700209	44.767	ug/l	98
86) p-Isopropyltoluene	13.367	119	574069	45.640	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	318889	46.870	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	318680	46.369	ug/l	100
89) n-Butylbenzene	13.696	91	535586	43.627	ug/l	99
90) Hexachloroethane	13.959	117	117328	44.320	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	299235	48.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31715	49.848	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	173288	47.307	ug/l	98
94) Hexachlorobutadiene	15.111	225	94486	44.322	ug/l	99
95) Naphthalene	15.233	128	395721	49.791	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	161195	49.373	ug/l	99

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QLast Update : Tue Apr 25 02:39:58 2023
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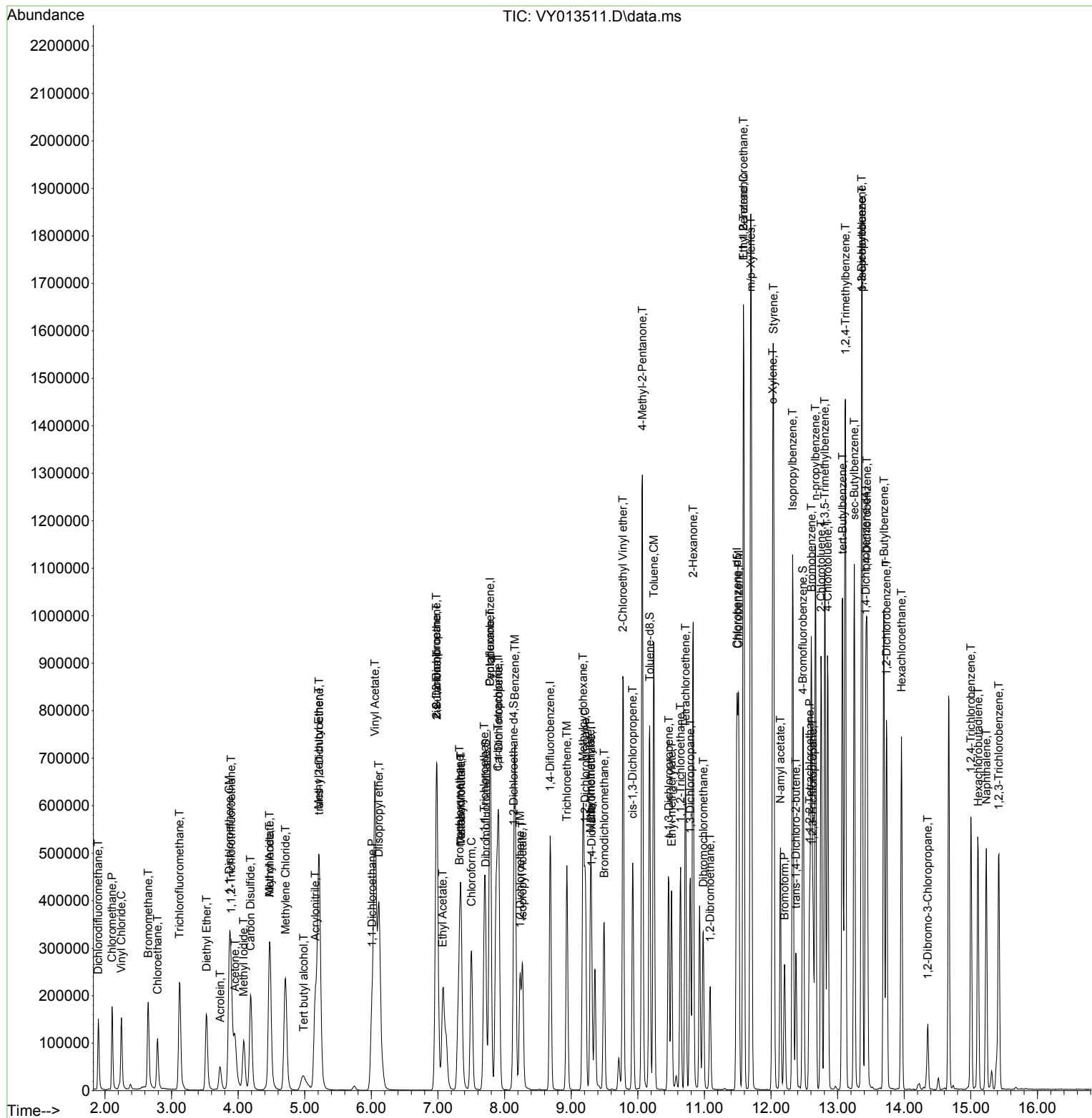
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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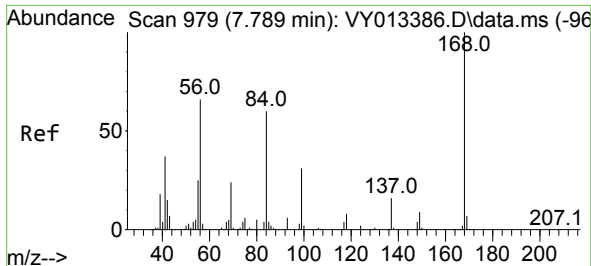
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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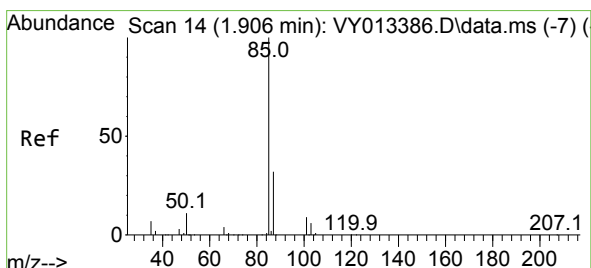
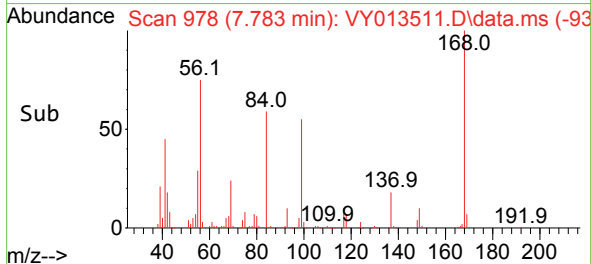
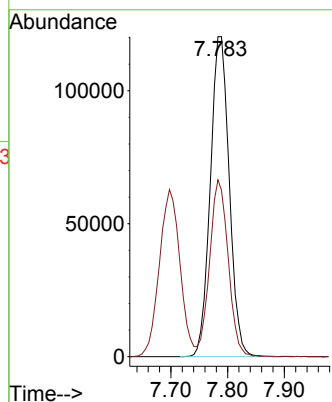
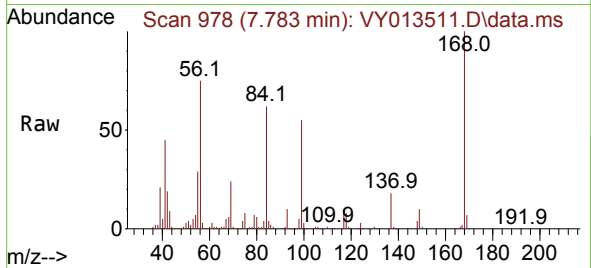




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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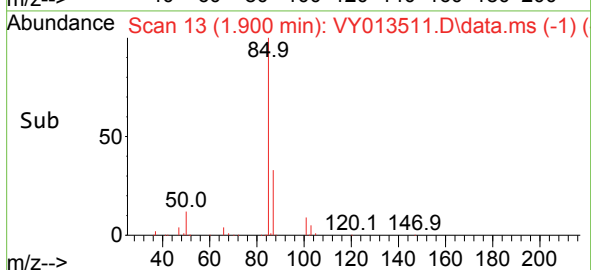
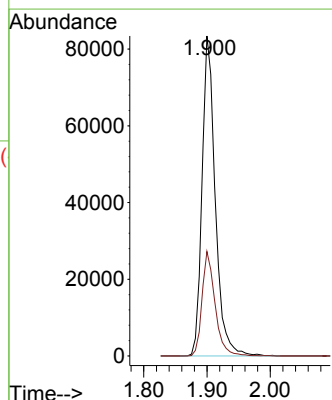
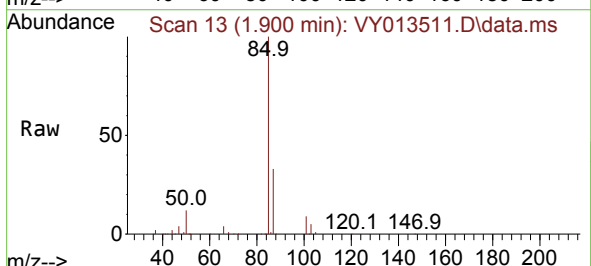
Instrument :
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ClientSampleId :
VSTDCCC050EC

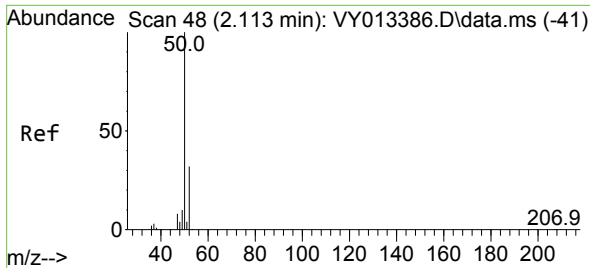
Tgt Ion:168 Resp: 279092
Ion Ratio Lower Upper
168 100
99 55.2 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 45.776 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 85 Resp: 121457
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

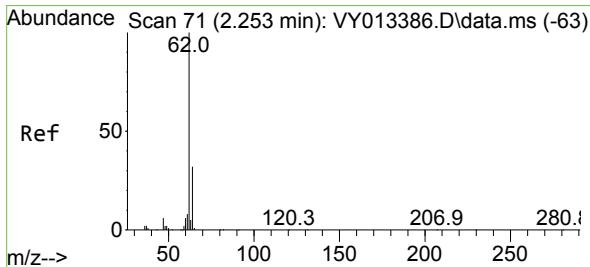
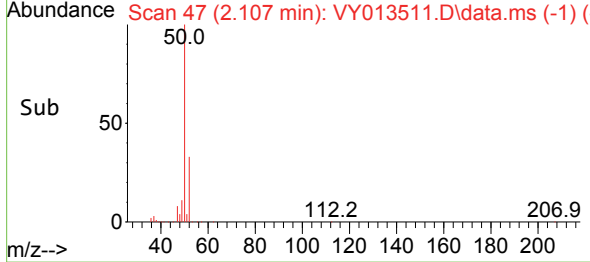
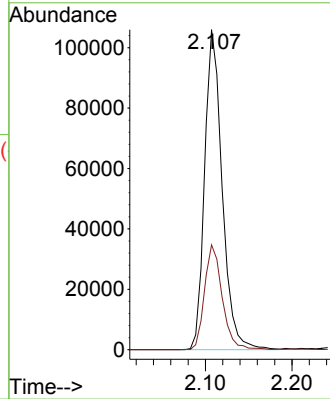
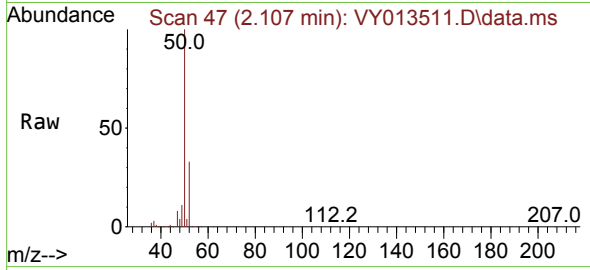




#3
Chloromethane
Concen: 41.949 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

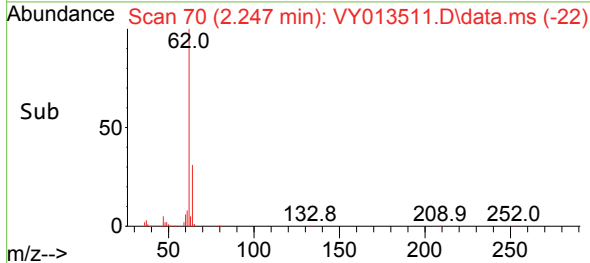
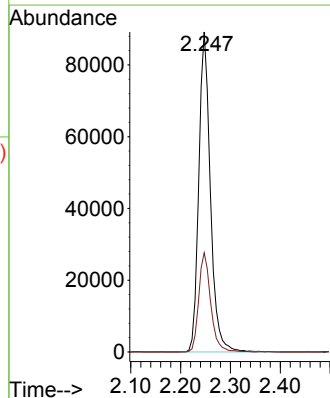
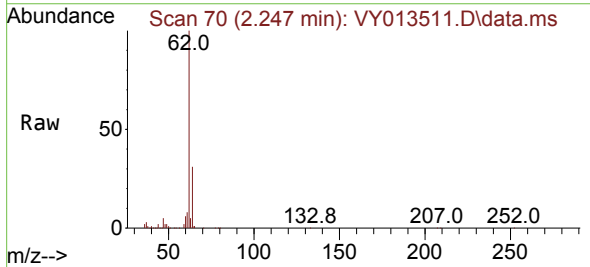
Instrument :
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ClientSampleId :
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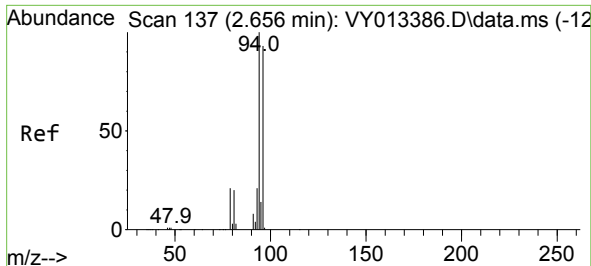
Tgt Ion: 50 Resp: 149195
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9



#4
Vinyl Chloride
Concen: 40.647 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013511.D
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Tgt Ion: 62 Resp: 143939
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0

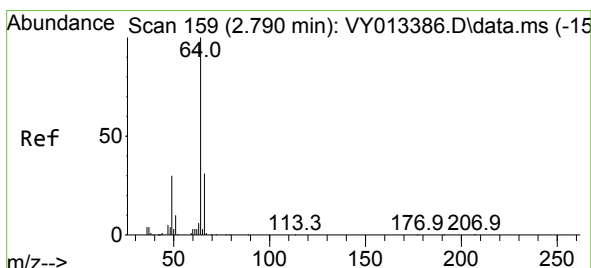
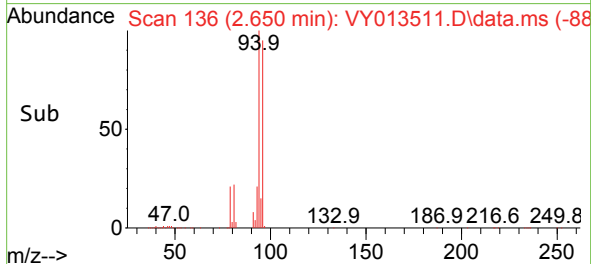
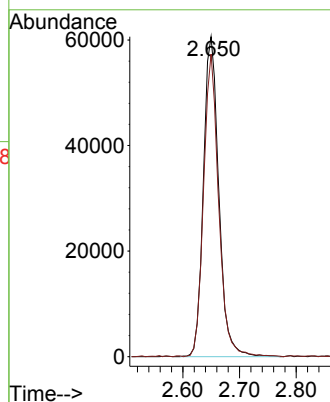
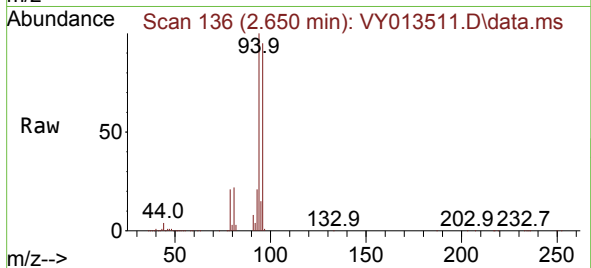




#5
Bromomethane
Concen: 40.470 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013511.D
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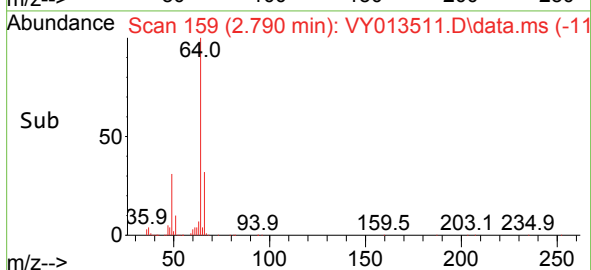
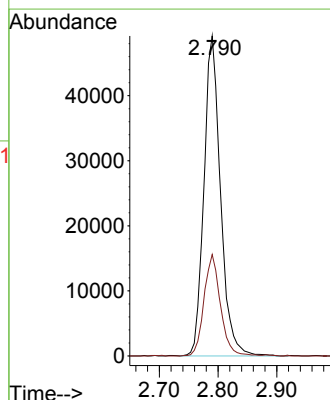
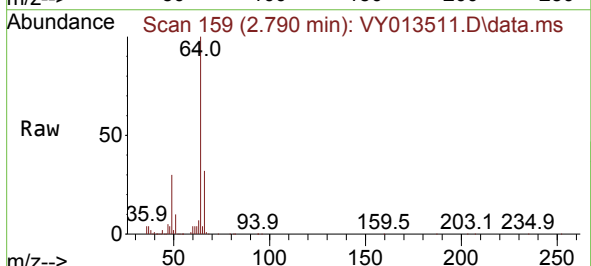
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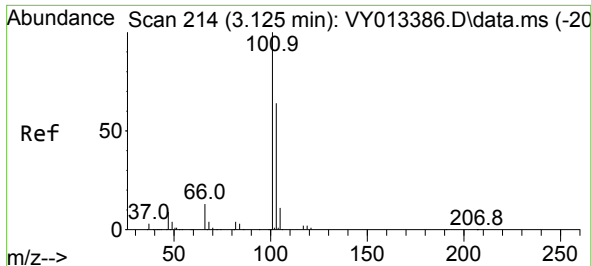
Tgt Ion: 94 Resp: 114205
Ion Ratio Lower Upper
94 100
96 94.4 74.2 111.2



#6
Chloroethane
Concen: 39.453 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013511.D
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Tgt Ion: 64 Resp: 96518
Ion Ratio Lower Upper
64 100
66 31.7 24.6 37.0

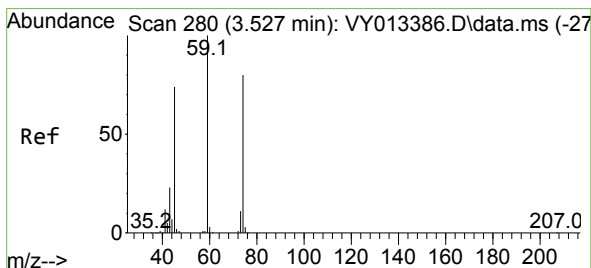
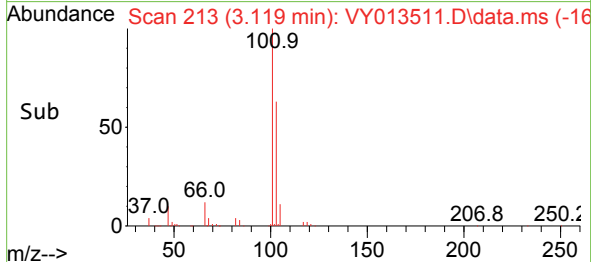
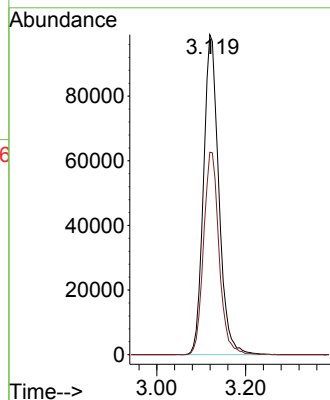
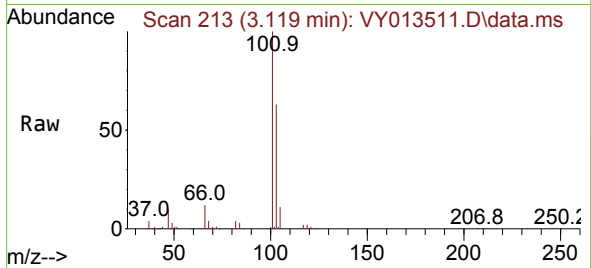




#7
 Trichlorofluoromethane
 Concen: 44.355 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

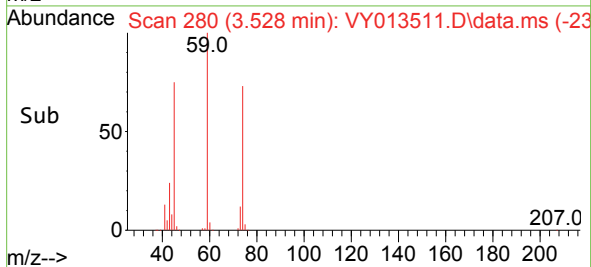
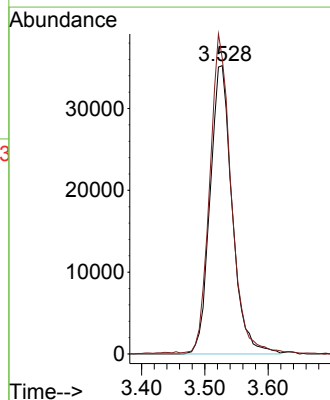
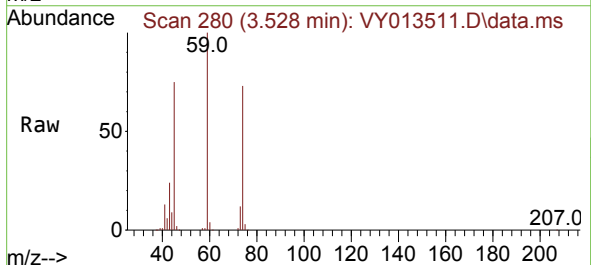
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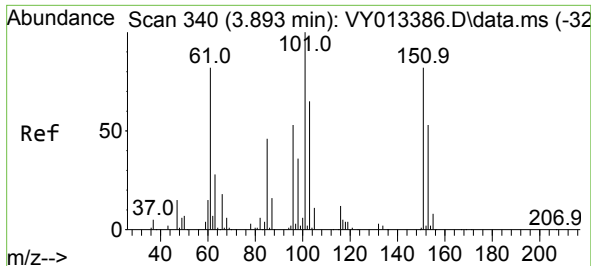
Tgt Ion:101 Resp: 237944
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.6 77.4



#8
 Diethyl Ether
 Concen: 46.873 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 85629
 Ion Ratio Lower Upper
 74 100
 45 108.7 48.2 144.6

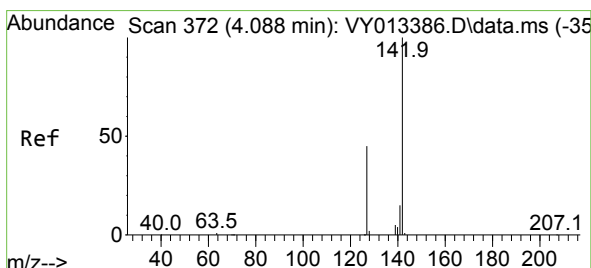
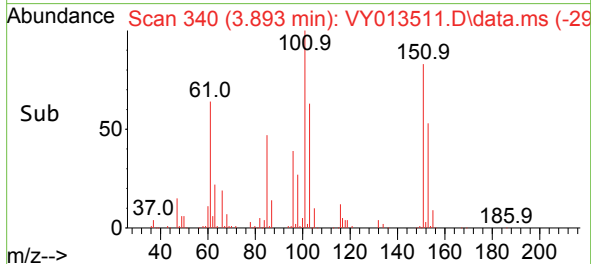
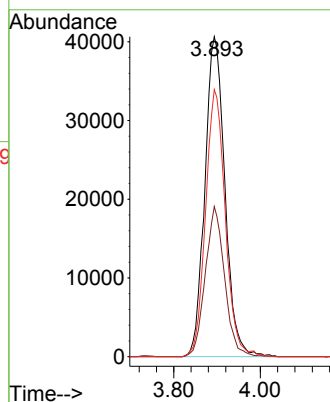
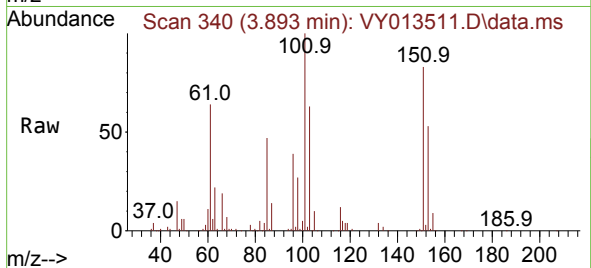




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.471 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

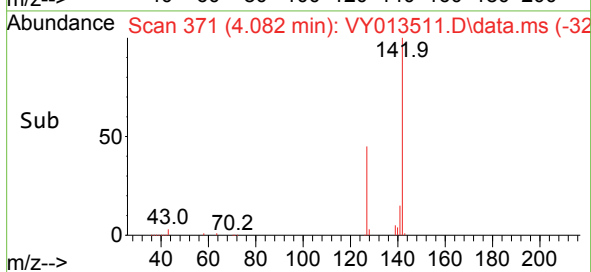
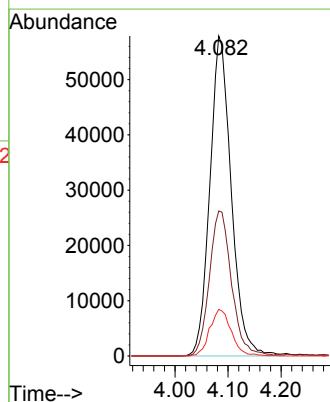
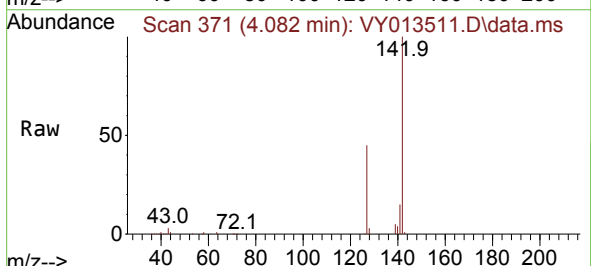
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

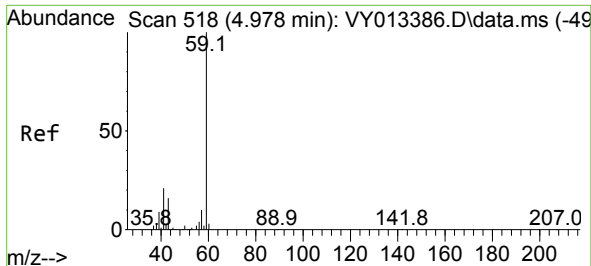
Tgt Ion:101 Resp: 130809
Ion Ratio Lower Upper
101 100
85 45.1 35.6 53.4
151 82.0 68.0 102.0



#10
Methyl Iodide
Concen: 42.864 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion:142 Resp: 162001
Ion Ratio Lower Upper
142 100
127 46.9 36.1 54.1
141 14.7 11.6 17.4

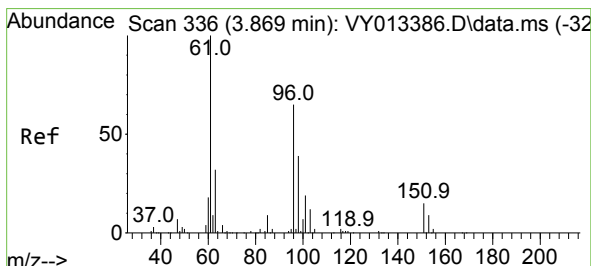
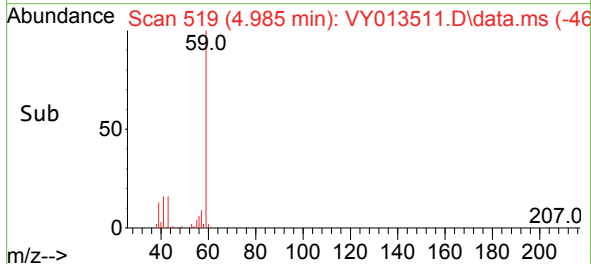
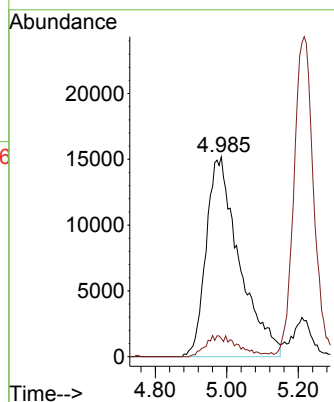
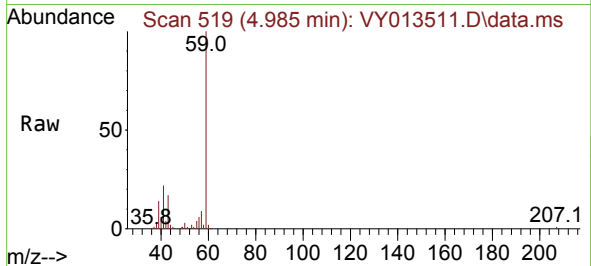




#11
Tert butyl alcohol
Concen: 282.959 ug/l
RT: 4.985 min Scan# 518
Delta R.T. 0.007 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

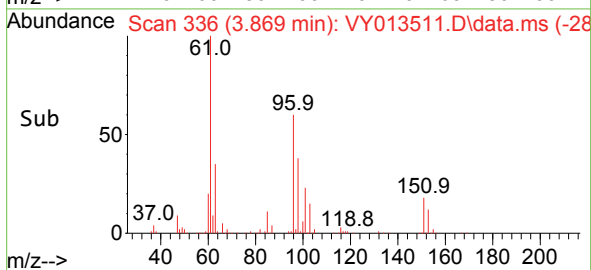
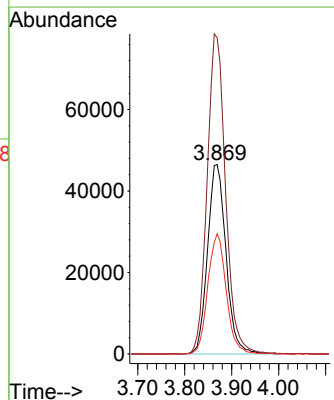
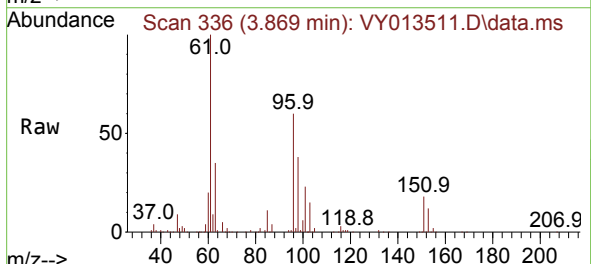
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

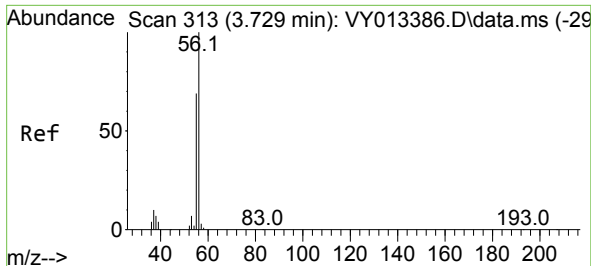
Tgt Ion: 59 Resp: 97537
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 43.725 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 96 Resp: 126826
Ion Ratio Lower Upper
96 100
61 166.8 123.9 185.9
98 63.4 48.9 73.3

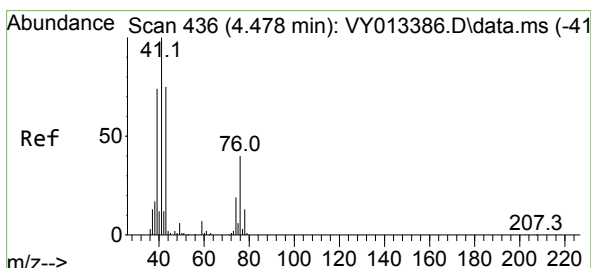
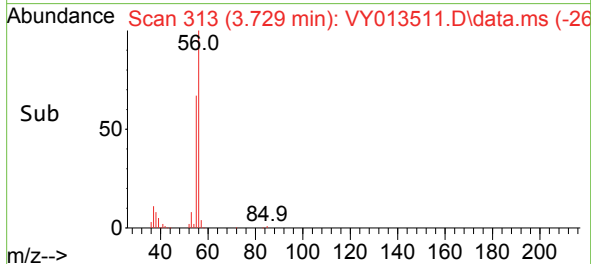
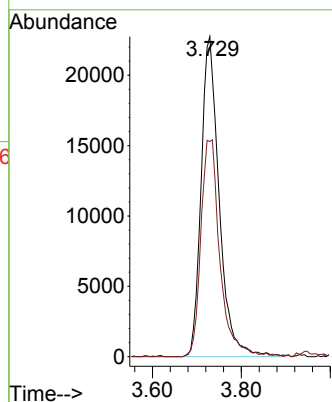
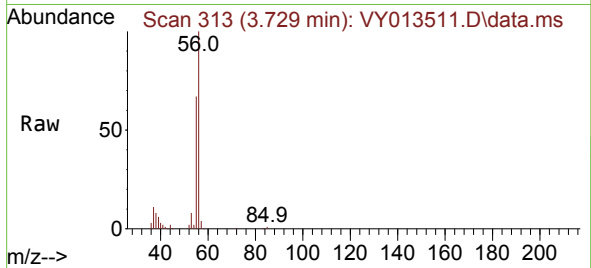




#13
Acrolein
Concen: 239.824 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

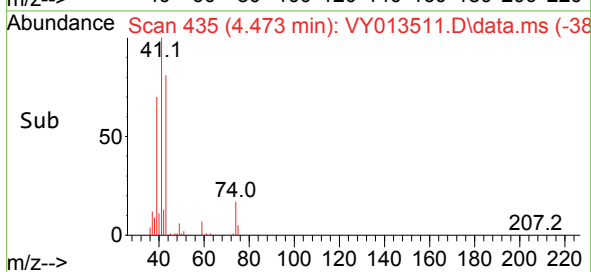
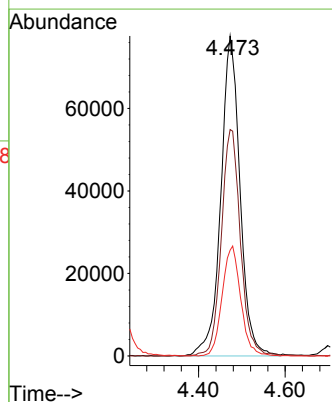
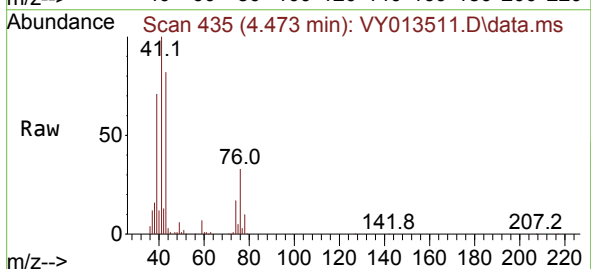
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

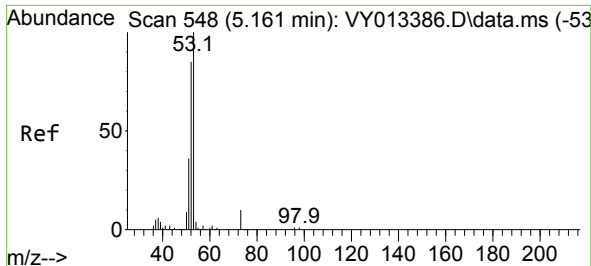
Tgt Ion: 56 Resp: 64206
Ion Ratio Lower Upper
56 100
55 71.8 54.1 81.1



#14
Allyl chloride
Concen: 44.528 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 41 Resp: 239651
Ion Ratio Lower Upper
41 100
39 70.2 56.6 85.0
76 33.2 30.5 45.7

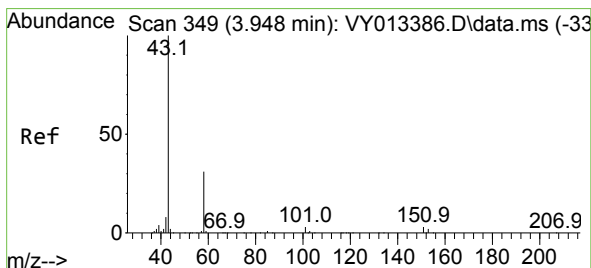
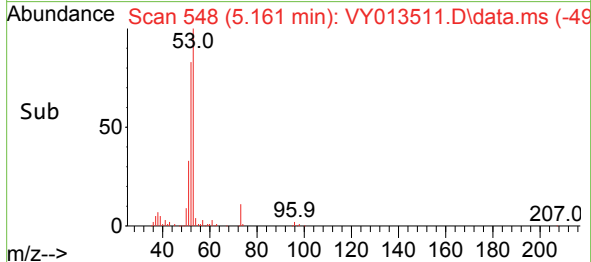
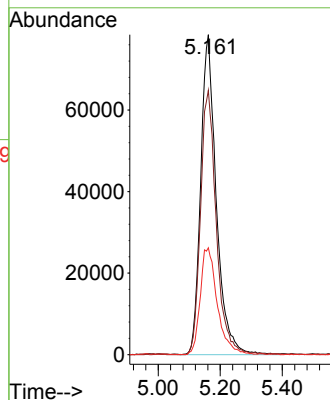
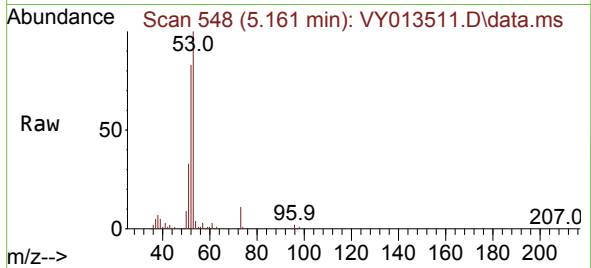




#15
Acrylonitrile
Concen: 268.019 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

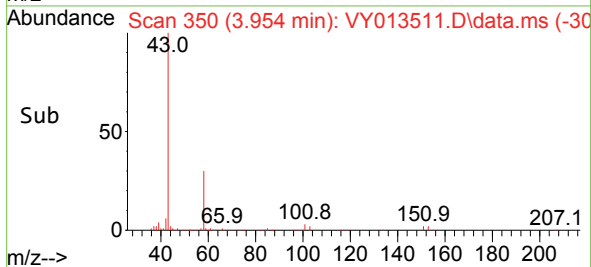
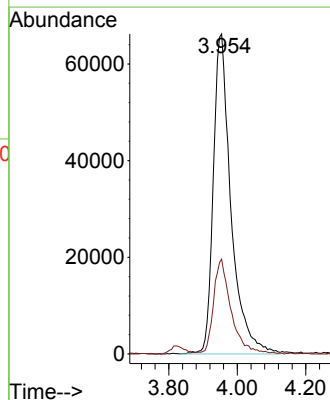
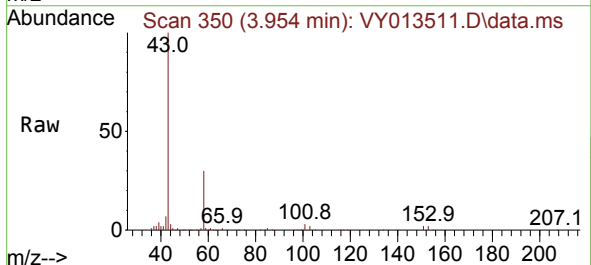
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

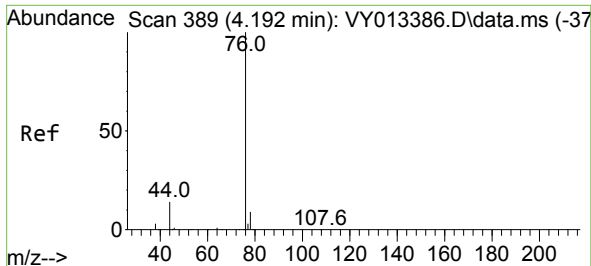
Tgt Ion: 53 Resp: 274207
Ion Ratio Lower Upper
53 100
52 83.0 65.4 98.0
51 36.6 29.3 43.9



#16
Acetone
Concen: 197.340 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 43 Resp: 237765
Ion Ratio Lower Upper
43 100
58 29.3 25.4 38.0

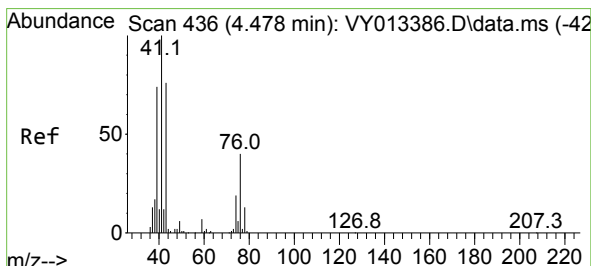
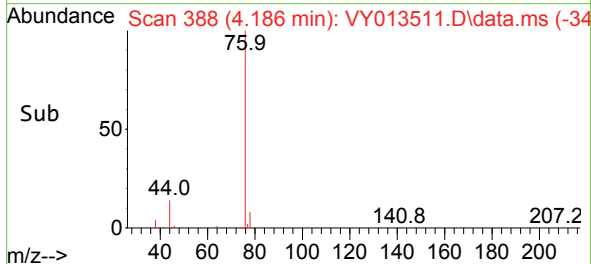
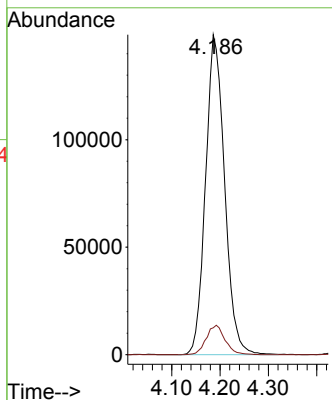
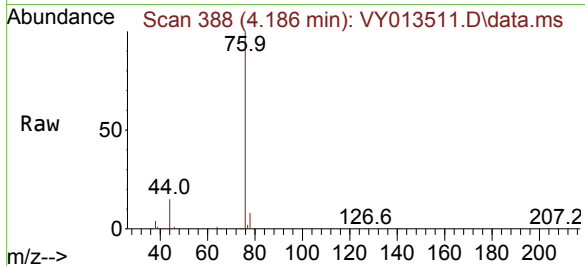




#17
Carbon Disulfide
Concen: 43.182 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

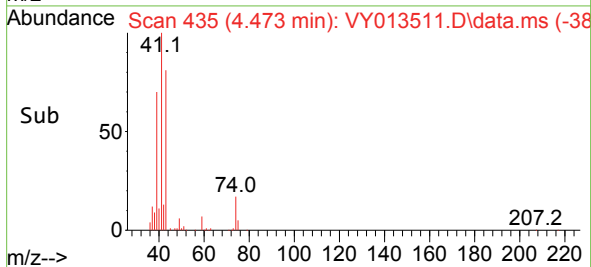
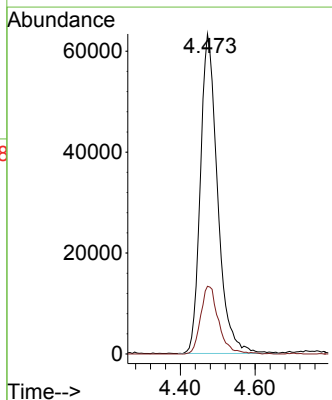
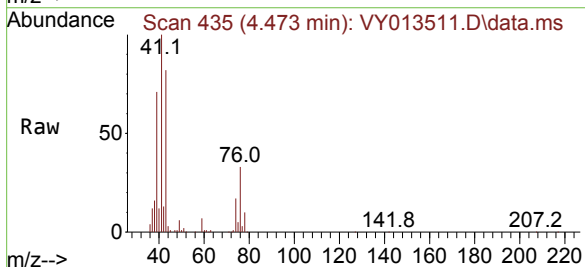
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

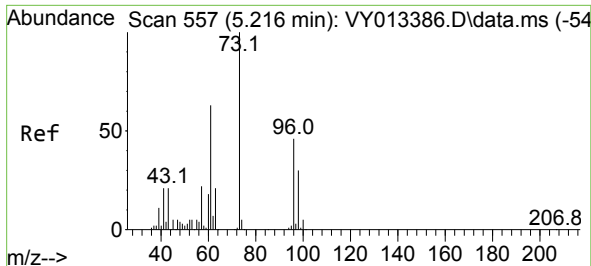
Tgt Ion: 76 Resp: 406860
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 50.924 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 43 Resp: 202643
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2

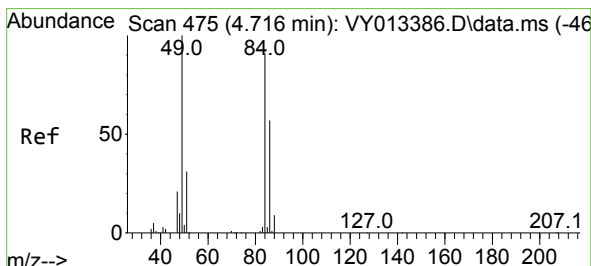
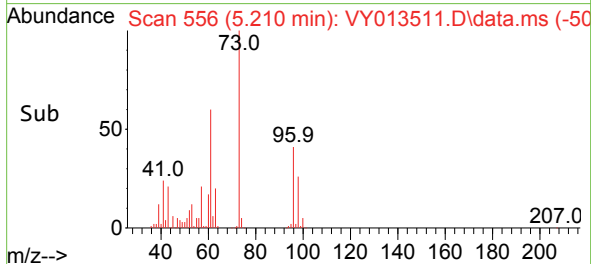
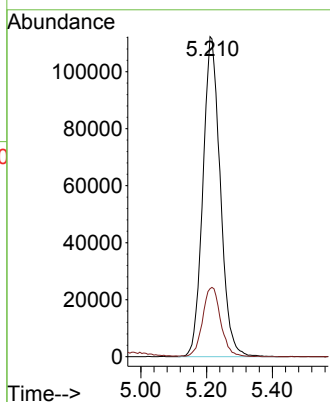
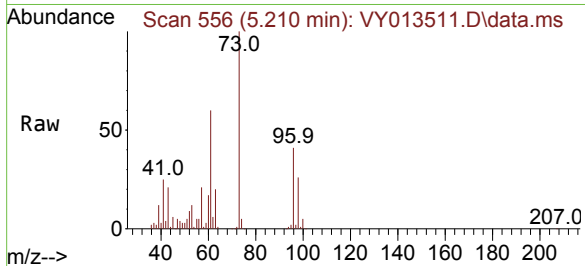




#19
Methyl tert-butyl Ether
Concen: 49.236 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

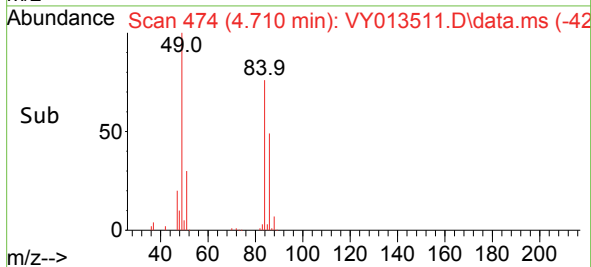
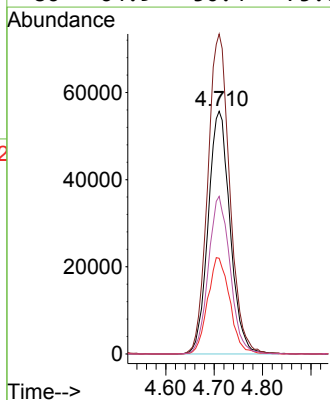
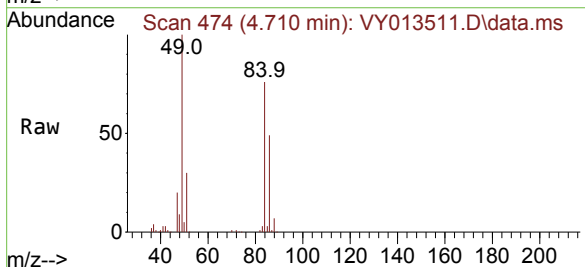
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

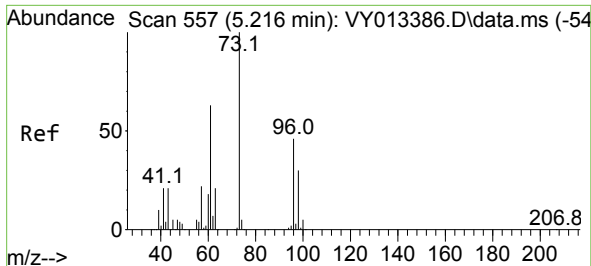
Tgt Ion: 73 Resp: 412294
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8



#20
Methylene Chloride
Concen: 45.736 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 84 Resp: 175234
Ion Ratio Lower Upper
84 100
49 131.8 88.0 132.0
51 39.2 27.4 41.0
86 64.9 50.4 75.6

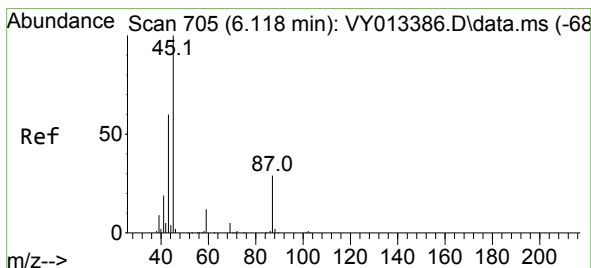
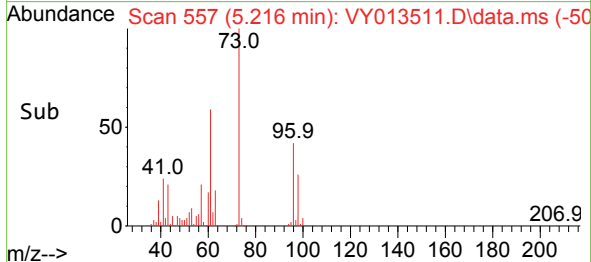
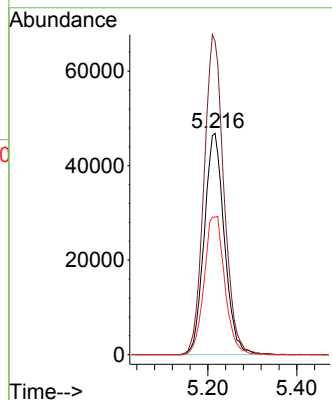
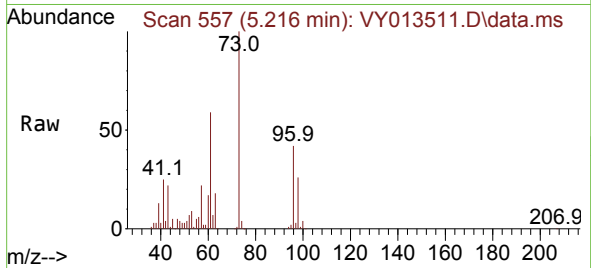




#21
trans-1,2-Dichloroethene
Concen: 46.664 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

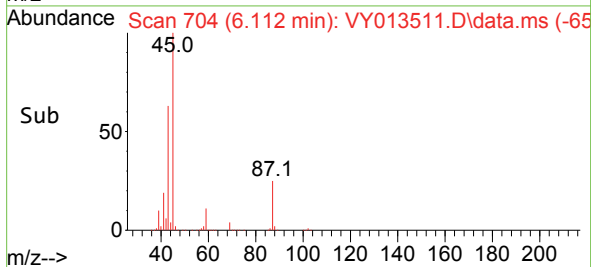
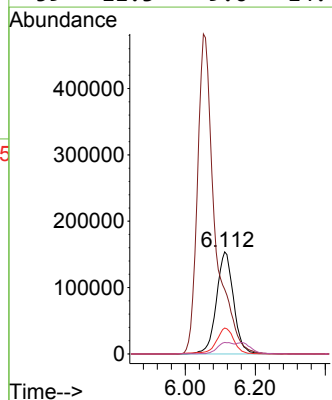
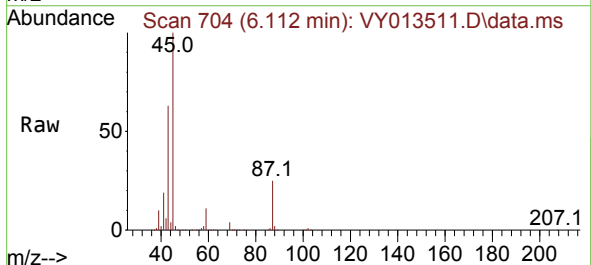
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

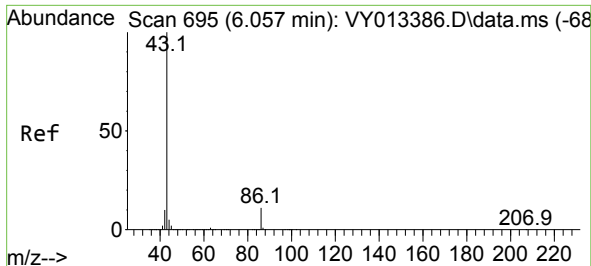
Tgt Ion: 96 Resp: 147990
Ion Ratio Lower Upper
96 100
61 141.5 110.6 165.8
98 62.1 53.1 79.7



#22
Diisopropyl ether
Concen: 49.507 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 45 Resp: 520794
Ion Ratio Lower Upper
45 100
43 63.2 48.4 72.6
87 25.4 23.8 35.6
59 11.3 9.6 14.4

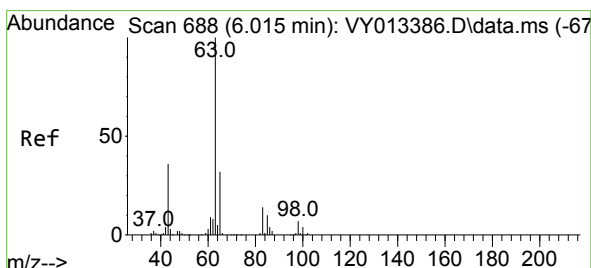
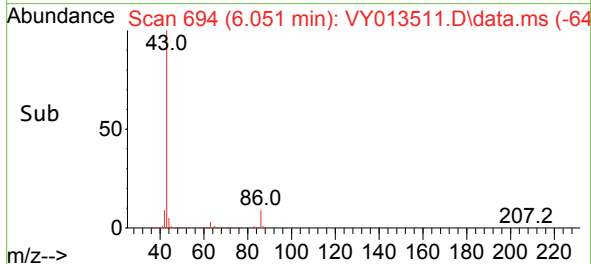
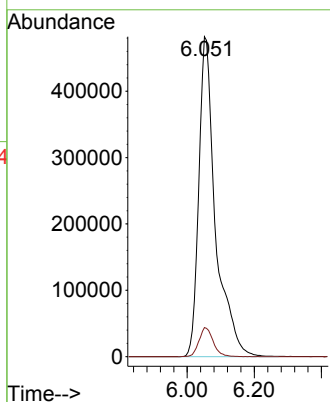
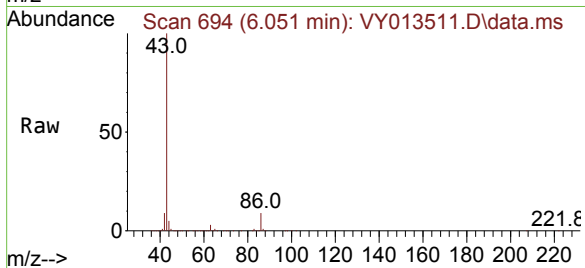




#23
 Vinyl Acetate
 Concen: 279.386 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

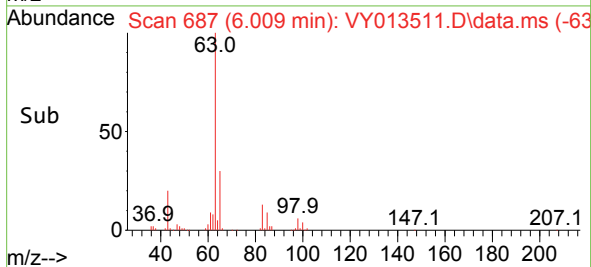
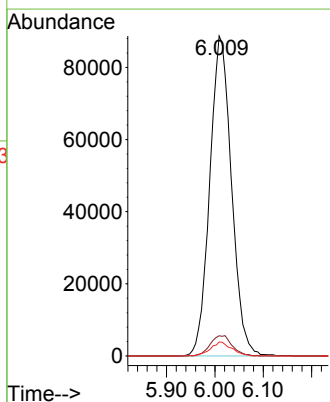
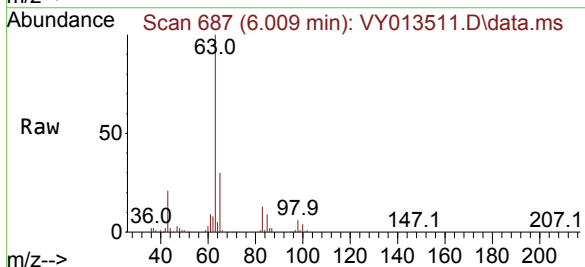
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

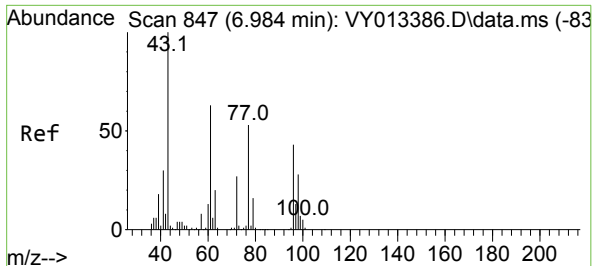
Tgt Ion: 43 Resp: 1664048
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 47.227 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

Tgt Ion: 63 Resp: 276888
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.6
 100 4.4 2.2 6.6

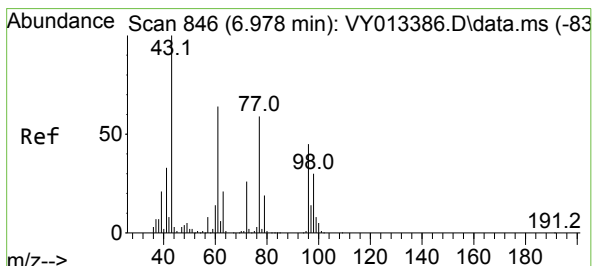
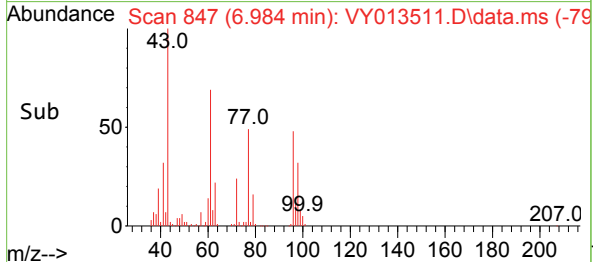
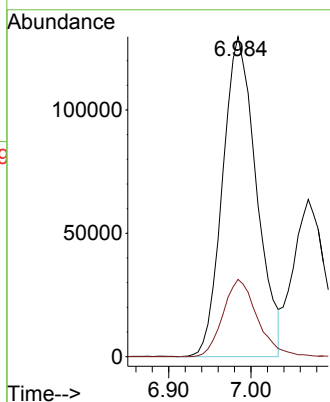
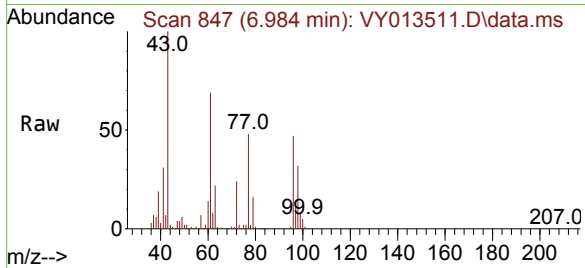




#25
2-Butanone
Concen: 242.655 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

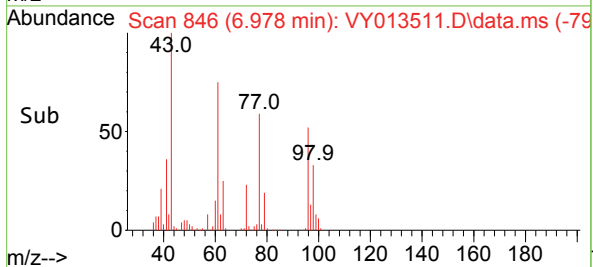
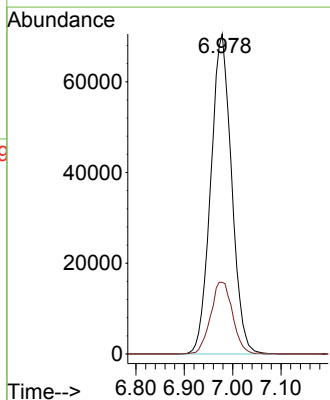
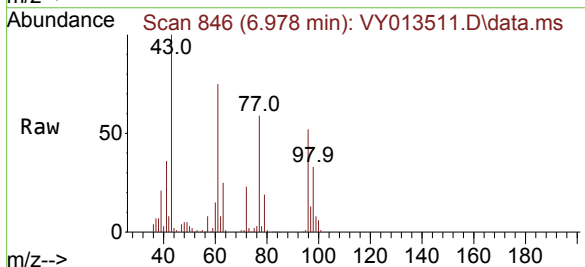
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

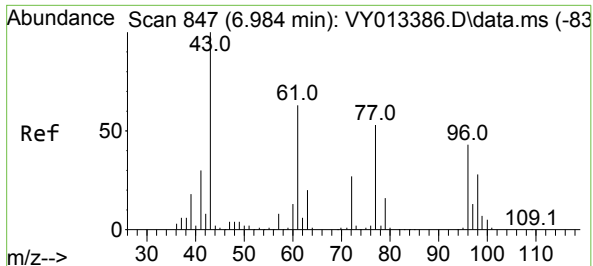
Tgt Ion: 43 Resp: 370780
Ion Ratio Lower Upper
43 100
72 24.2 21.9 32.9



#26
2,2-Dichloropropane
Concen: 41.798 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 77 Resp: 211165
Ion Ratio Lower Upper
77 100
97 23.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 48.418 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

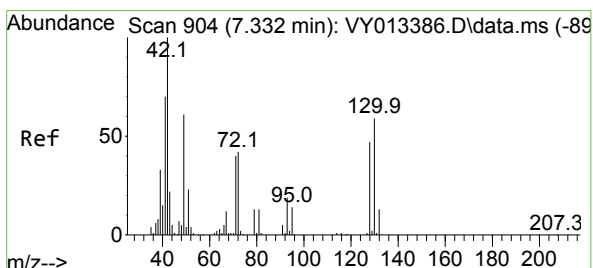
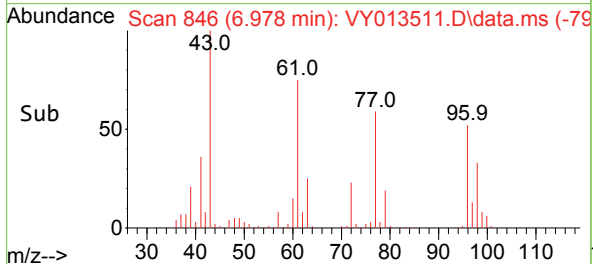
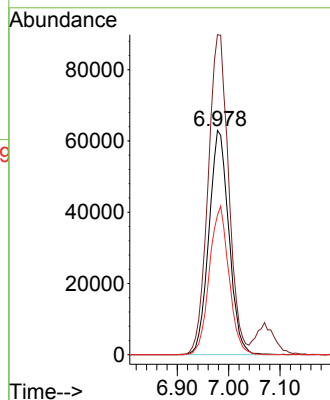
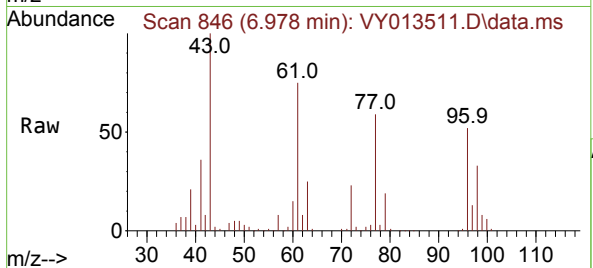
Tgt Ion: 96 Resp: 169657

Ion Ratio Lower Upper

96 100

61 146.9 0.0 285.0

98 65.0 0.0 130.6



#28

Bromochloromethane

Concen: 54.296 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

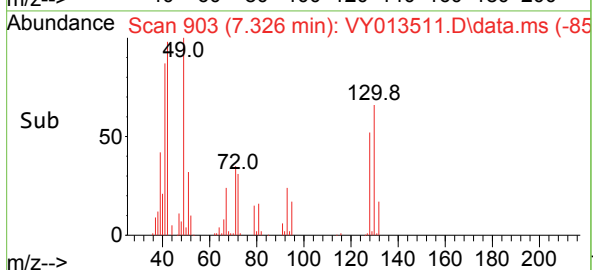
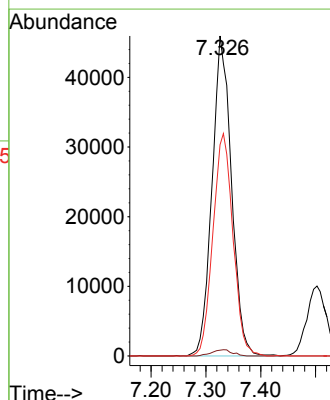
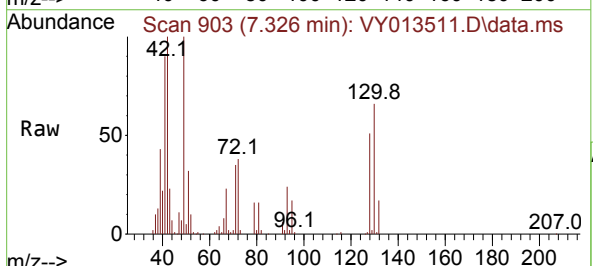
Tgt Ion: 49 Resp: 112964

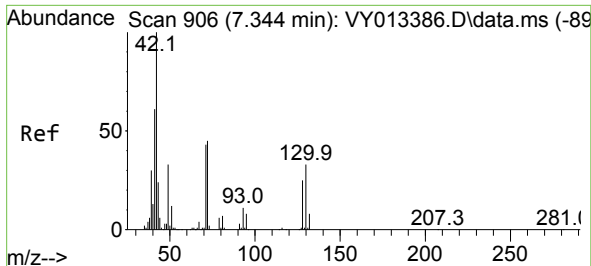
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.2

130 71.8 72.1 108.1#





#29

Tetrahydrofuran

Concen: 267.967 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

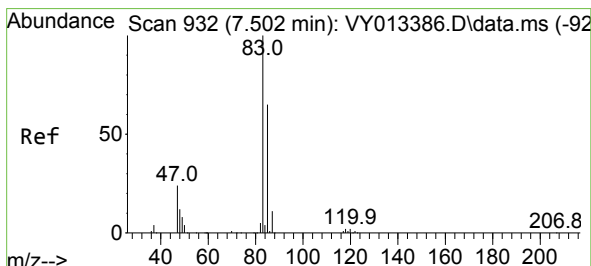
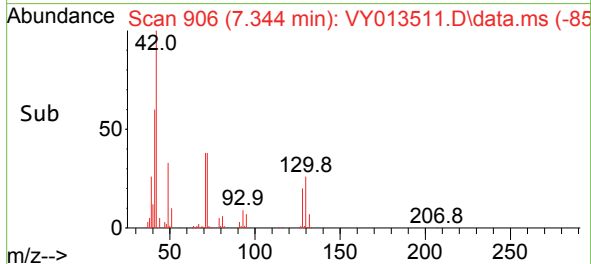
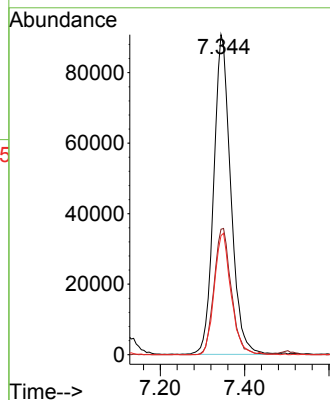
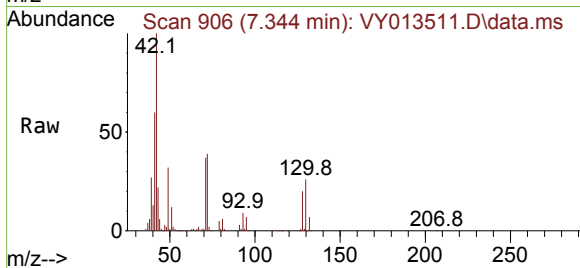
Tgt Ion: 42 Resp: 254878

Ion Ratio Lower Upper

42 100

72 39.9 35.9 53.9

71 37.2 34.3 51.5



#30

Chloroform

Concen: 49.656 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013511.D

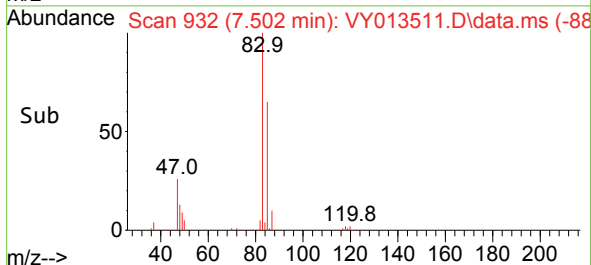
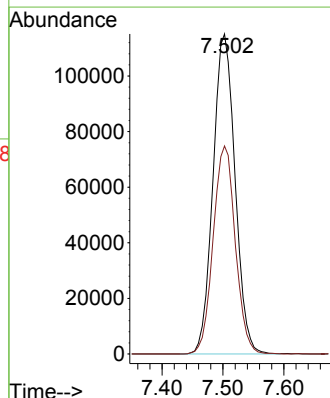
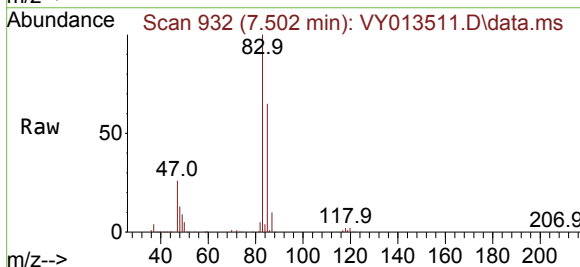
Acq: 27 Apr 2023 22:44

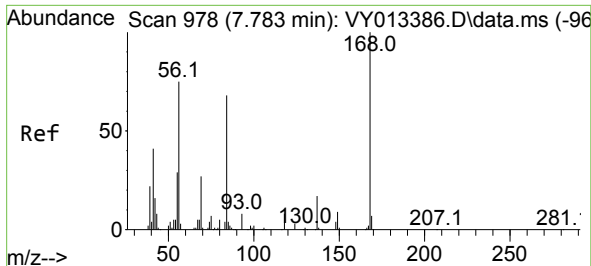
Tgt Ion: 83 Resp: 289451

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

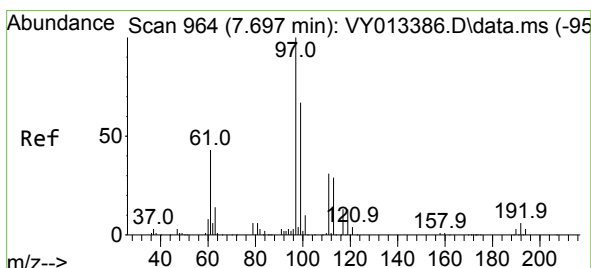
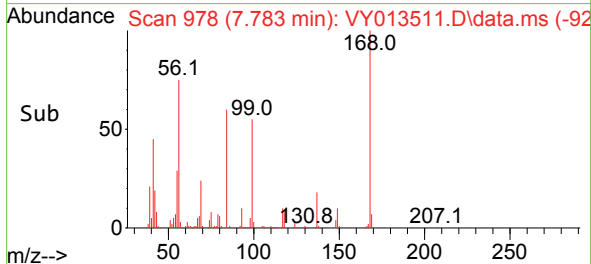
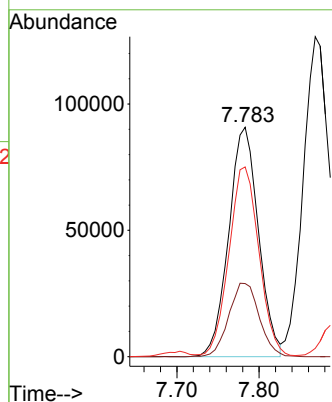
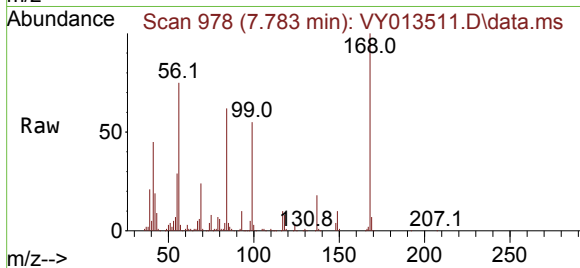




#31
Cyclohexane
Concen: 41.670 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

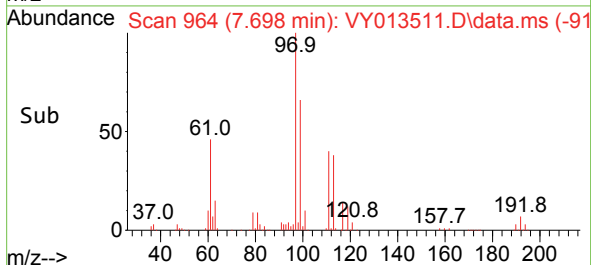
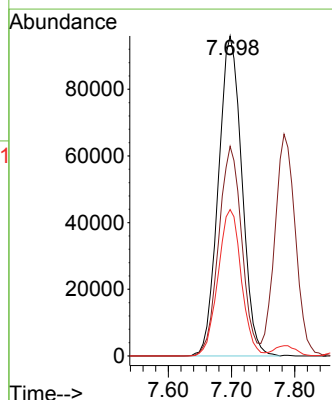
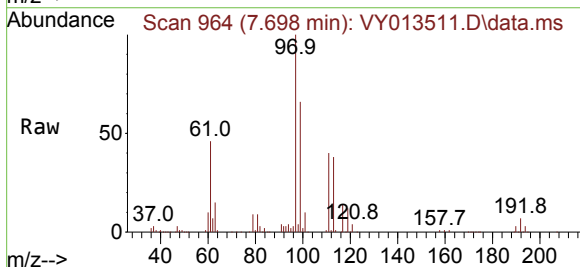
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

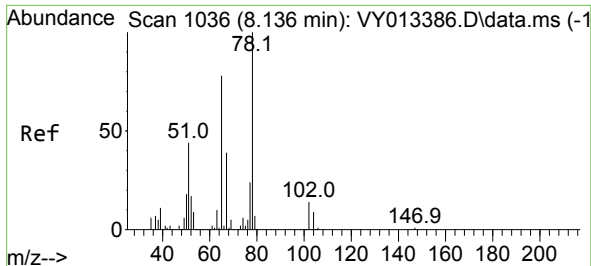
Tgt Ion: 56 Resp: 228258
Ion Ratio Lower Upper
56 100
69 31.9 29.2 43.8
84 80.4 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 47.567 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 97 Resp: 247425
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 45.4 33.8 50.8

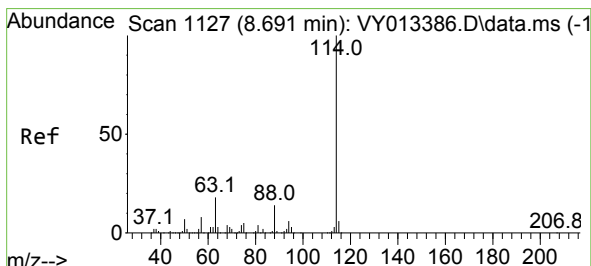
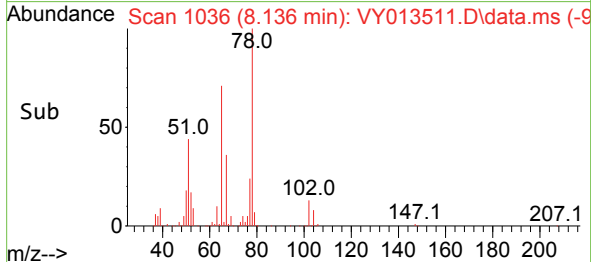
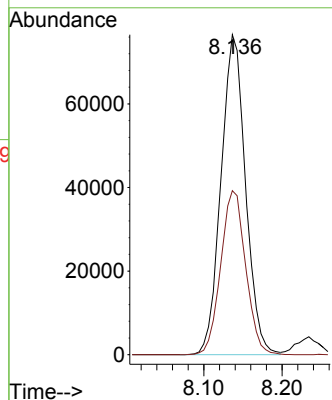
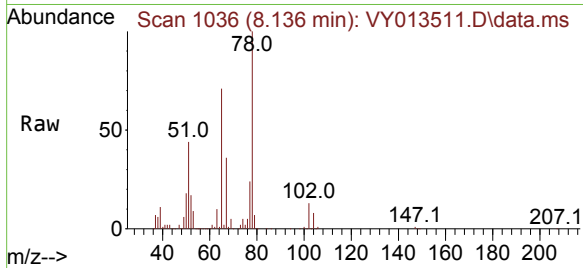




#33
1,2-Dichloroethane-d4
Concen: 54.469 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

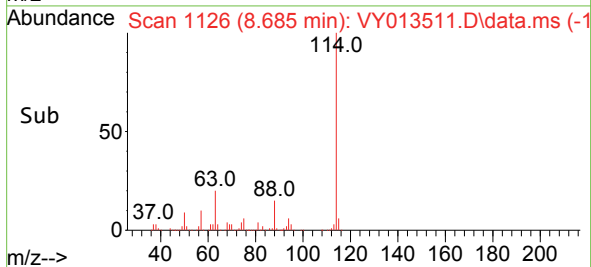
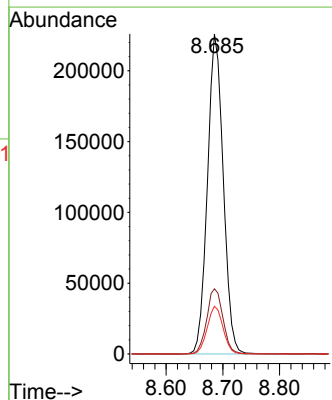
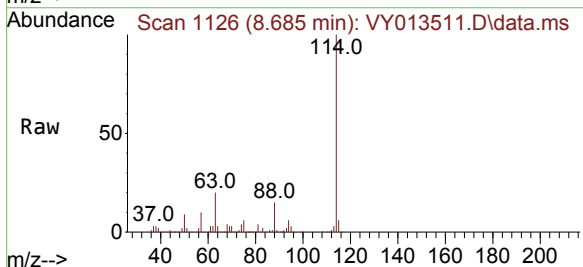
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

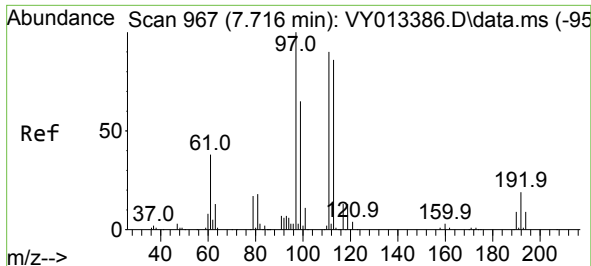
Tgt Ion: 65 Resp: 166646
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 114 Resp: 437209
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.6
88 14.9 0.0 28.8

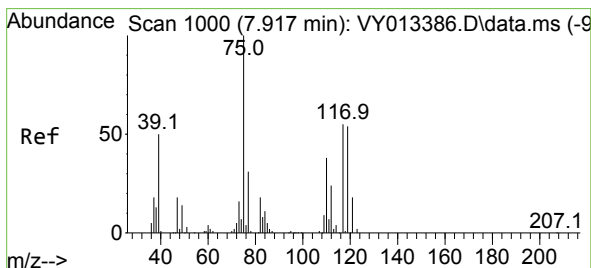
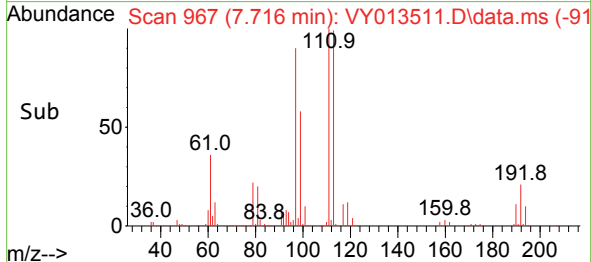
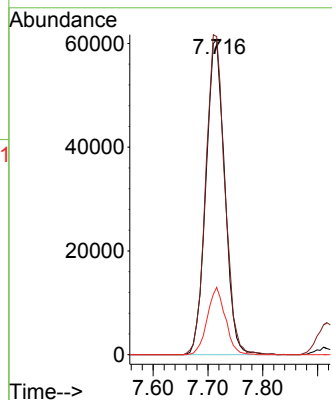
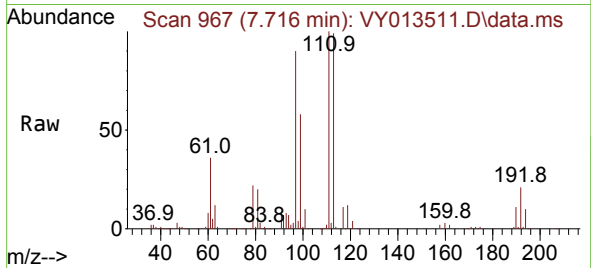




#35
Dibromofluoromethane
Concen: 52.469 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

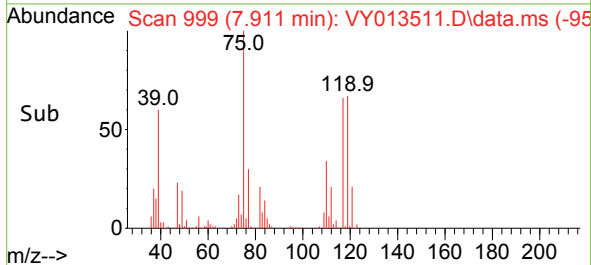
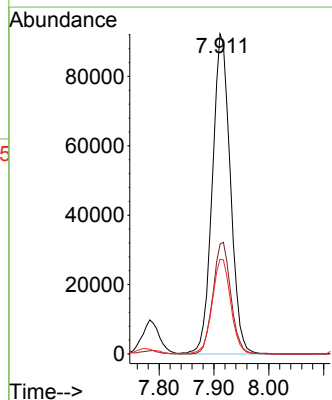
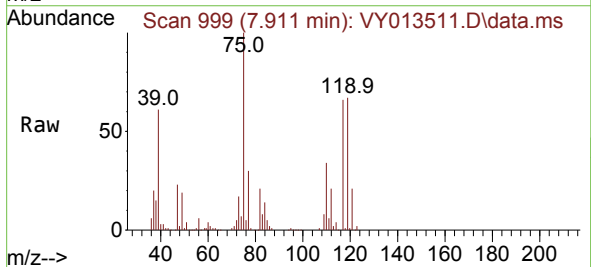
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

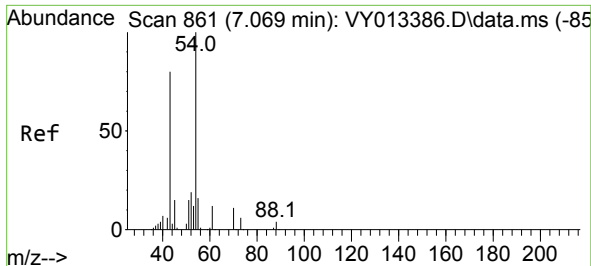
Tgt Ion:113 Resp: 144283
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 46.103 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 75 Resp: 210402
Ion Ratio Lower Upper
75 100
110 34.5 18.7 56.1
77 30.5 24.6 37.0

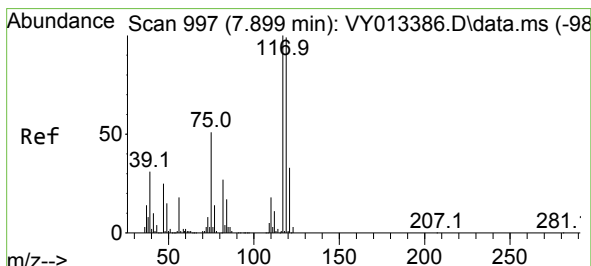
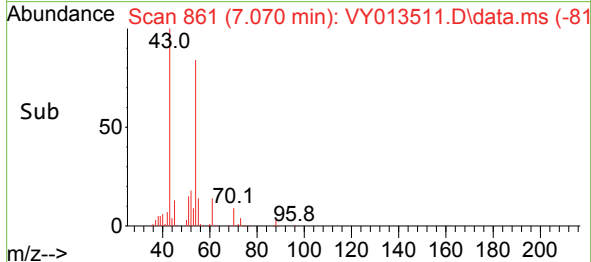
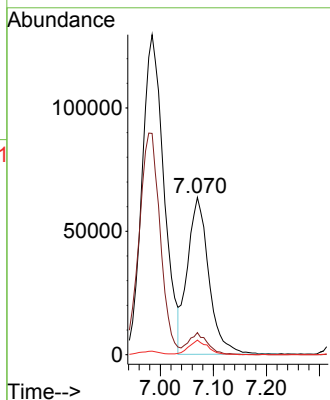
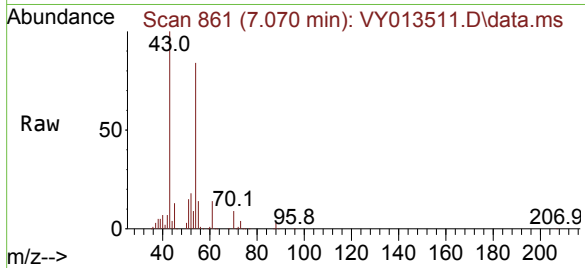




#37
Ethyl Acetate
Concen: 51.781 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

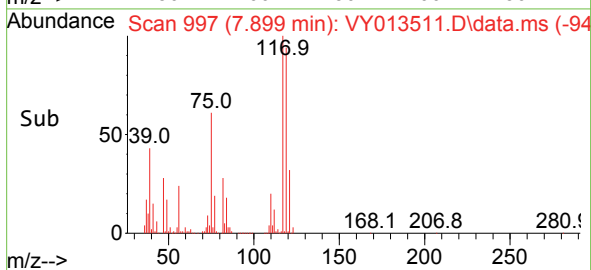
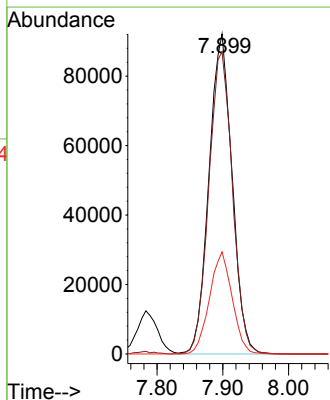
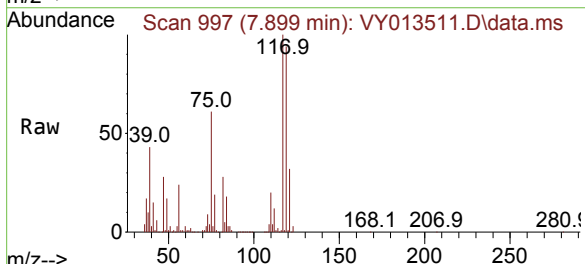
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

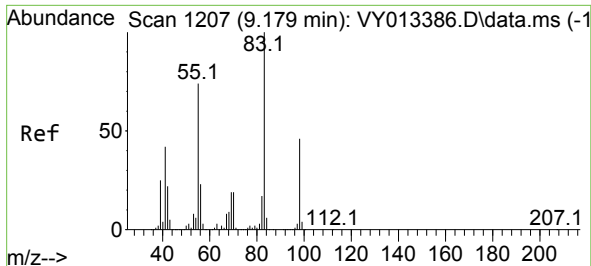
Tgt Ion: 43 Resp: 177834
Ion Ratio Lower Upper
43 100
61 12.2 11.4 17.0
70 8.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 47.073 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 117 Resp: 225165
Ion Ratio Lower Upper
117 100
119 94.4 79.0 118.6
121 31.9 26.6 40.0

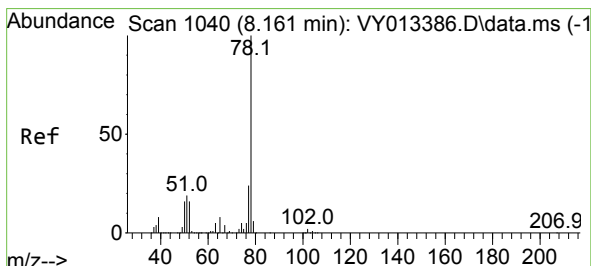
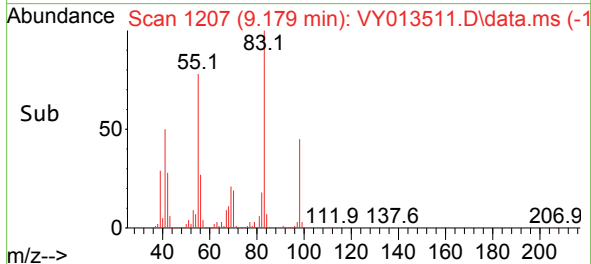
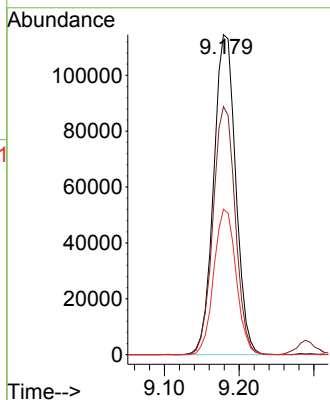
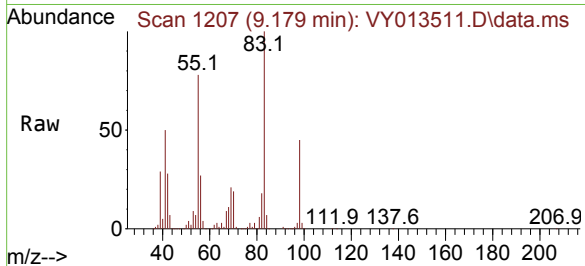




#39
Methylcyclohexane
Concen: 43.727 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

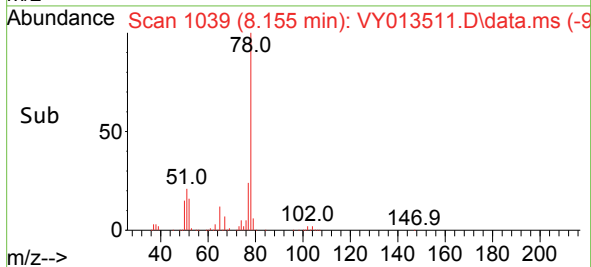
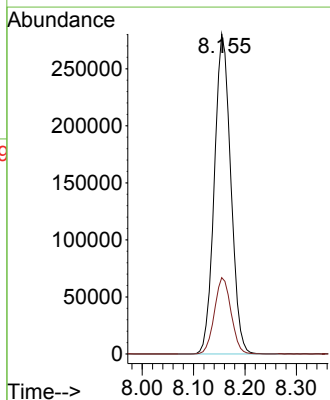
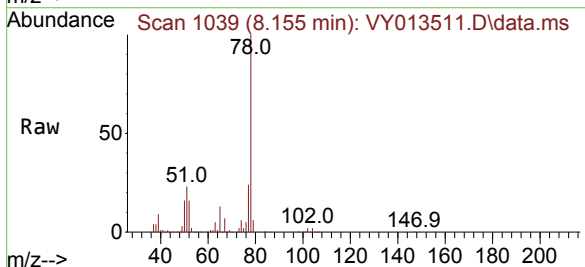
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

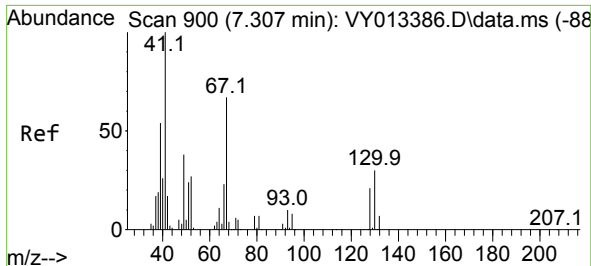
Tgt Ion: 83 Resp: 235259
Ion Ratio Lower Upper
83 100
55 77.5 59.0 88.4
98 45.4 37.0 55.4



#40
Benzene
Concen: 48.418 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 78 Resp: 622433
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

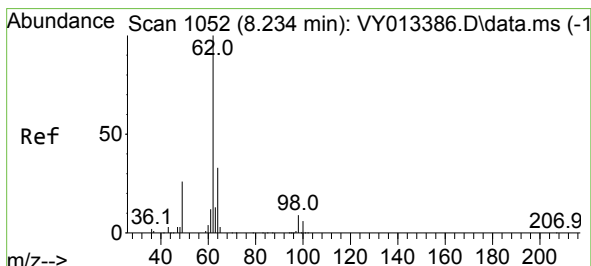
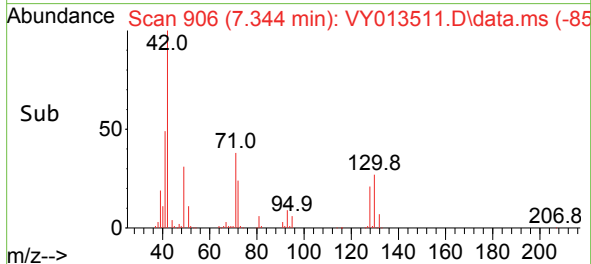
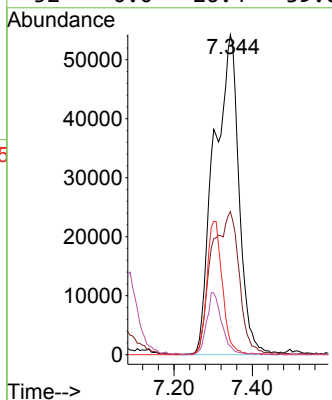
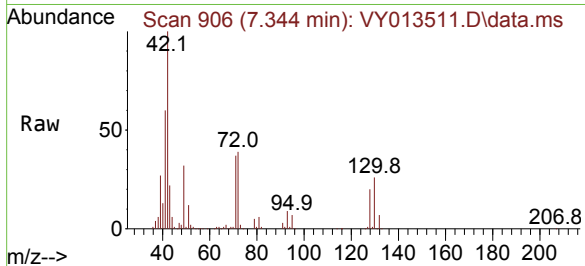




#41
Methacrylonitrile
Concen: 149.277 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

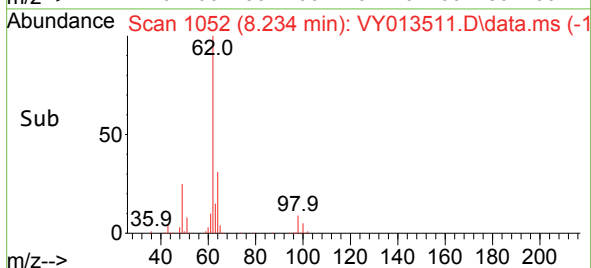
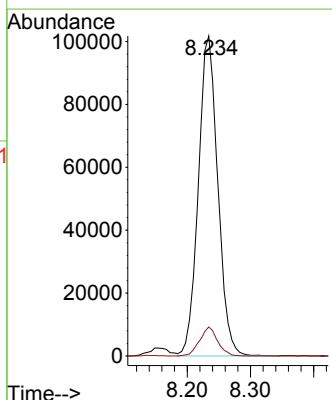
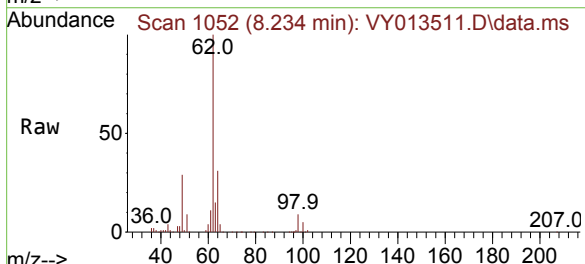
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

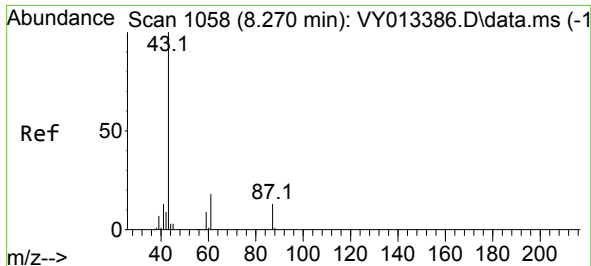
Tgt Ion: 41 Resp: 238903
Ion Ratio Lower Upper
41 100
39 49.5 44.2 66.4
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 51.866 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 62 Resp: 217987
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.8

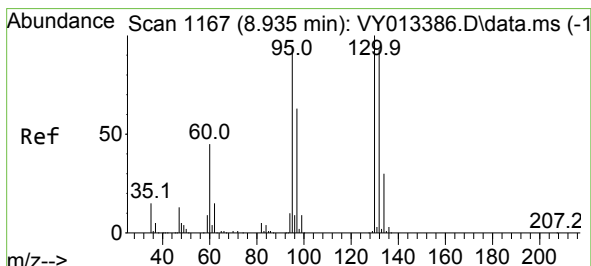
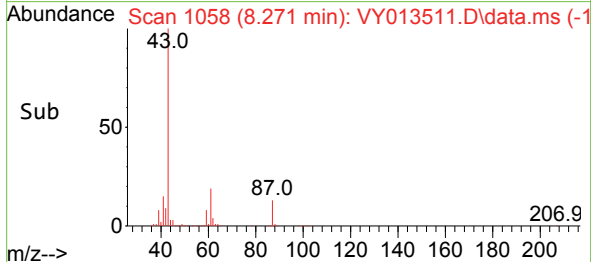
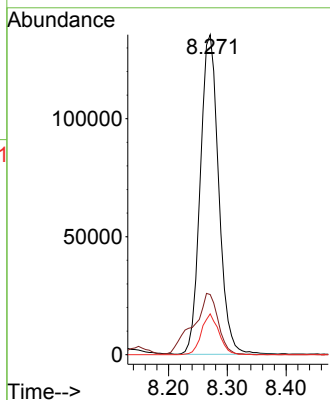
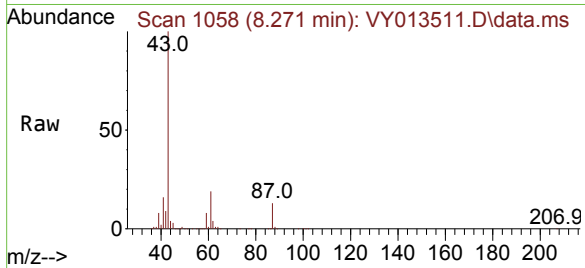




#43
Isopropyl Acetate
Concen: 50.769 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

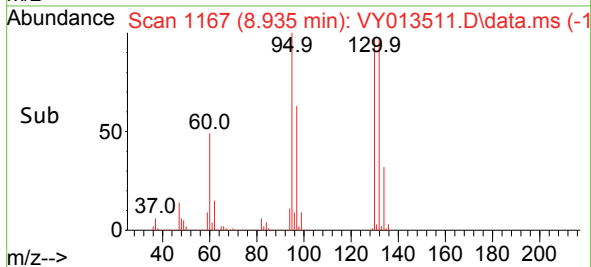
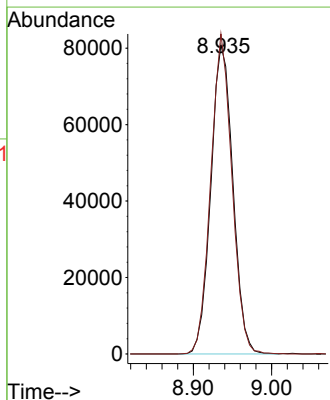
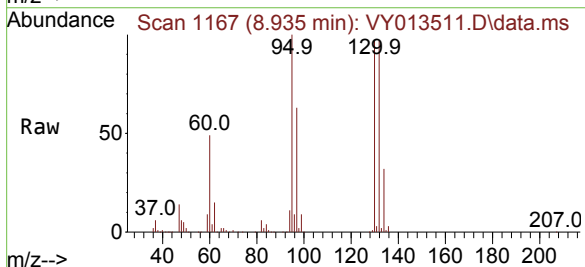
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

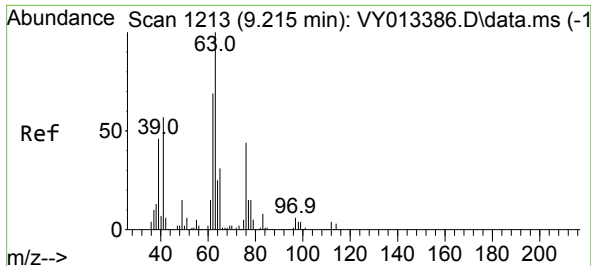
Tgt Ion: 43 Resp: 294300
Ion Ratio Lower Upper
43 100
61 26.1 22.2 33.4
87 12.1 11.0 16.6



#44
Trichloroethene
Concen: 46.194 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion:130 Resp: 157965
Ion Ratio Lower Upper
130 100
95 103.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 49.390 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

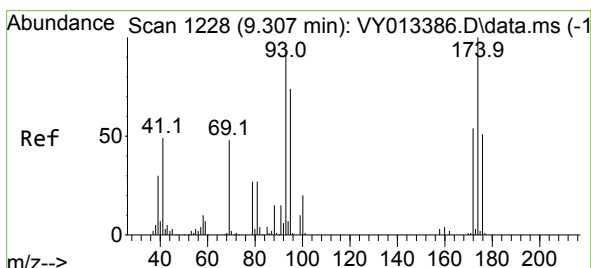
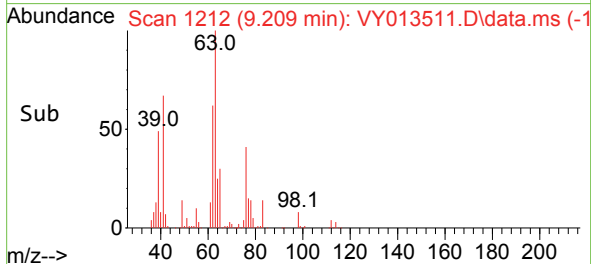
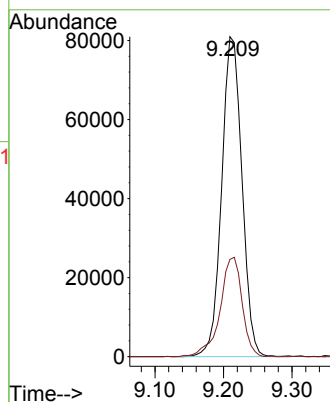
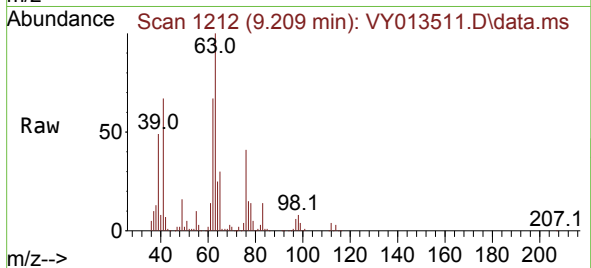
VSTDCCC050EC

Tgt Ion: 63 Resp: 166013

Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0



#46

Dibromomethane

Concen: 50.101 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

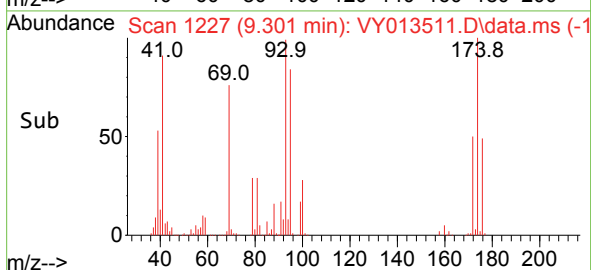
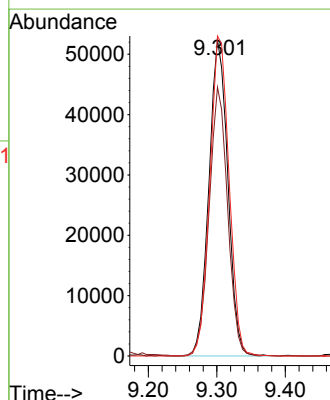
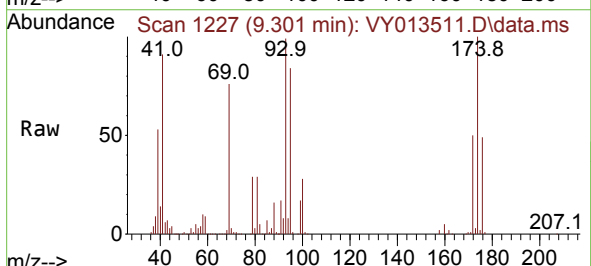
Tgt Ion: 93 Resp: 100762

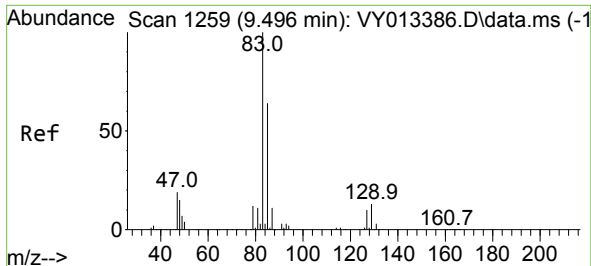
Ion Ratio Lower Upper

93 100

95 83.1 67.1 100.7

174 102.9 87.0 130.4

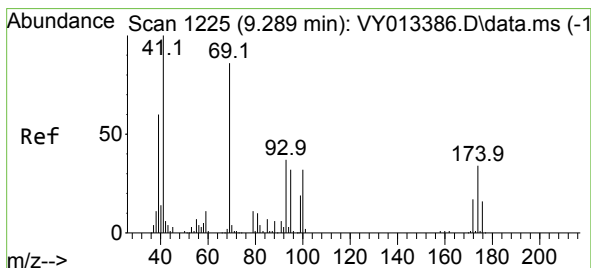
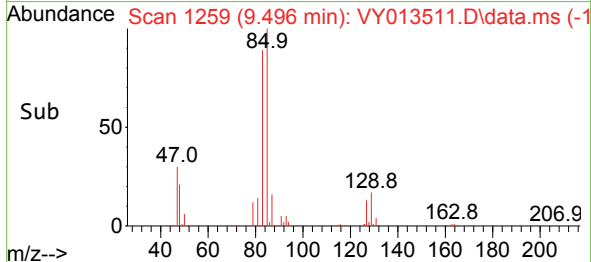
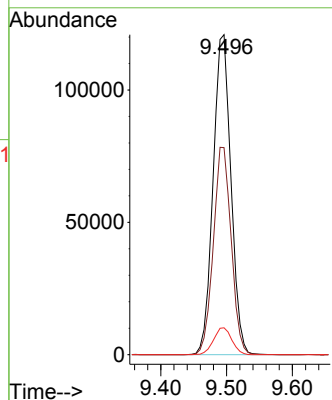
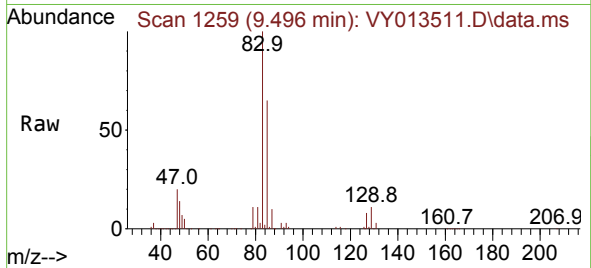




#47
Bromodichloromethane
Concen: 50.654 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

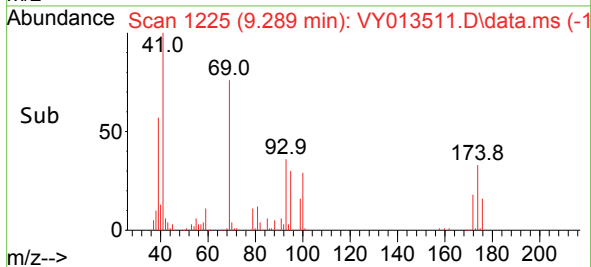
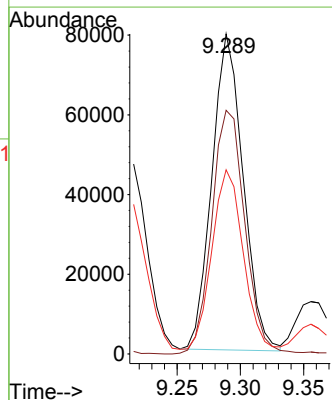
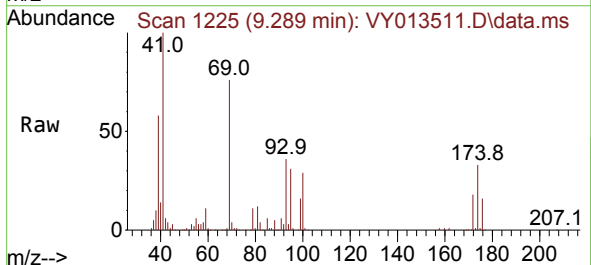
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

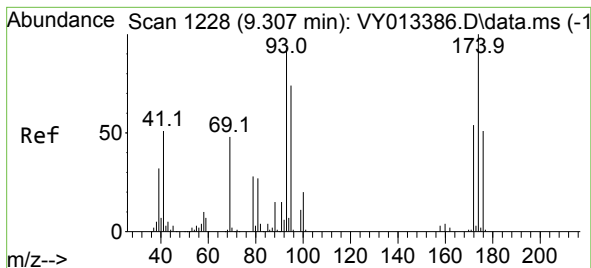
Tgt Ion: 83 Resp: 227958
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2
127 8.4 8.1 12.1



#48
Methyl methacrylate
Concen: 51.100 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 41 Resp: 136044
Ion Ratio Lower Upper
41 100
69 82.2 70.2 105.4
39 57.1 47.9 71.9





#49

1,4-Dioxane

Concen: 1127.567 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

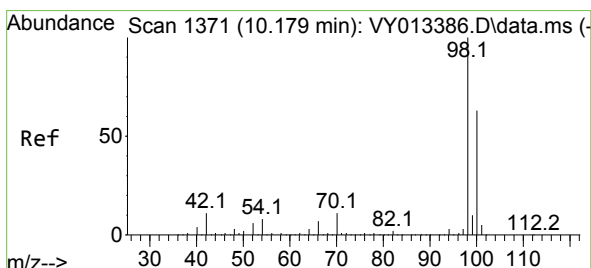
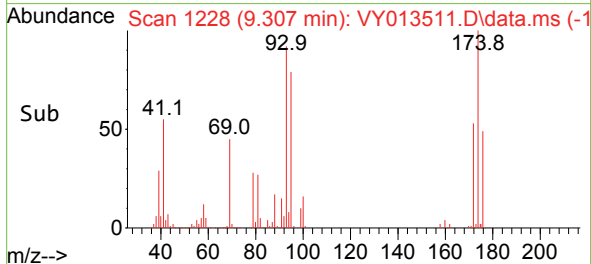
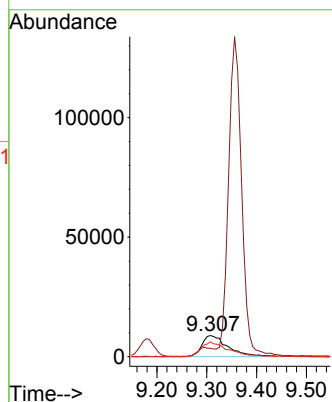
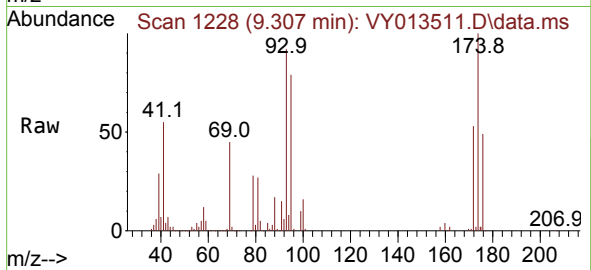
Tgt Ion: 88 Resp: 32388

Ion Ratio Lower Upper

88 100

43 23.2 16.8 25.2

58 71.9 54.3 81.5



#50

Toluene-d8

Concen: 50.104 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013511.D

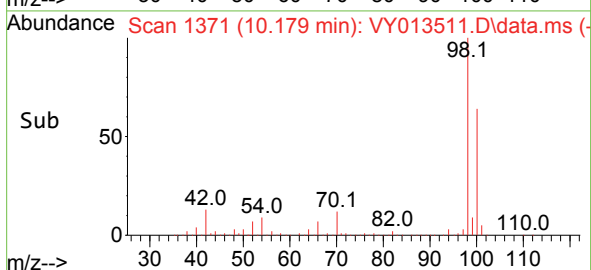
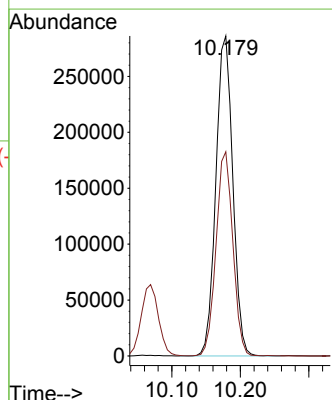
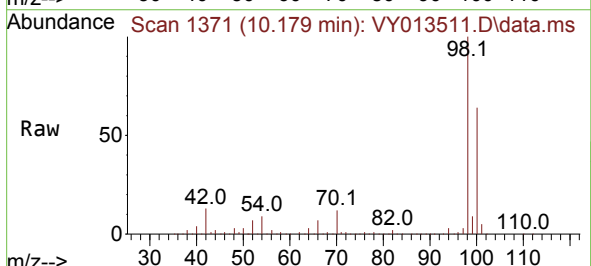
Acq: 27 Apr 2023 22:44

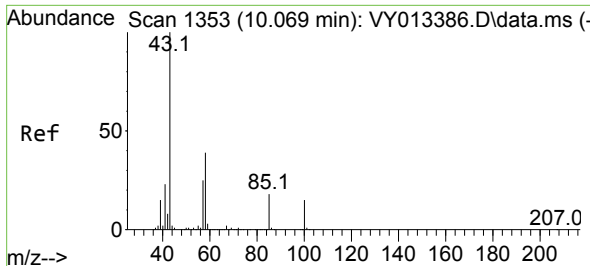
Tgt Ion: 98 Resp: 490130

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7

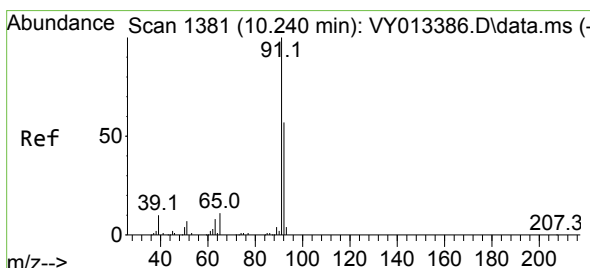
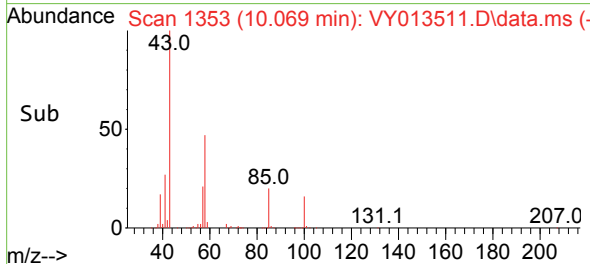
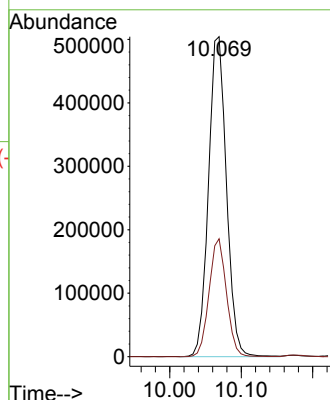
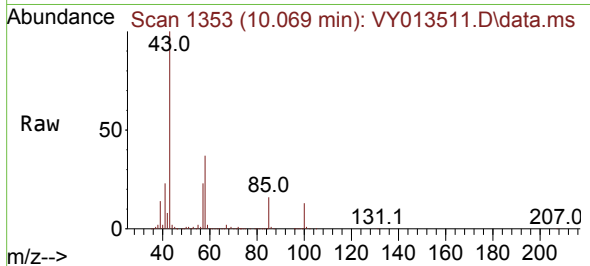




#51
4-Methyl-2-Pentanone
Concen: 271.866 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

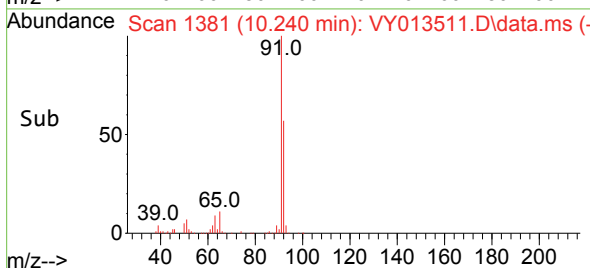
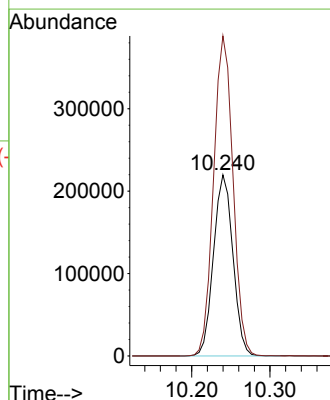
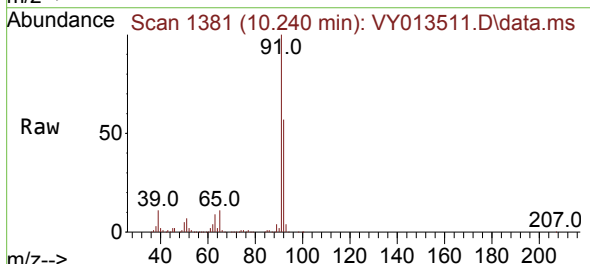
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

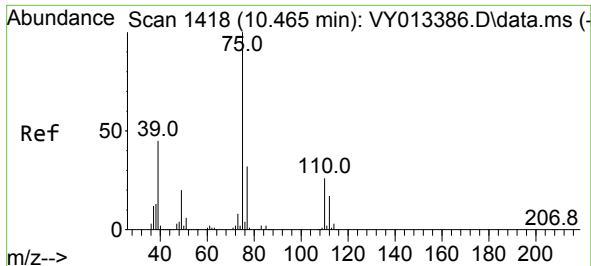
Tgt Ion: 43 Resp: 878203
Ion Ratio Lower Upper
43 100
58 35.8 30.6 46.0



#52
Toluene
Concen: 48.954 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 92 Resp: 378711
Ion Ratio Lower Upper
92 100
91 176.7 140.2 210.4

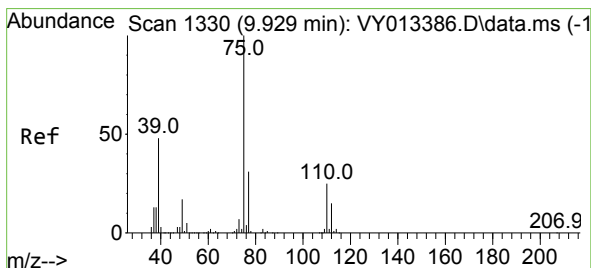
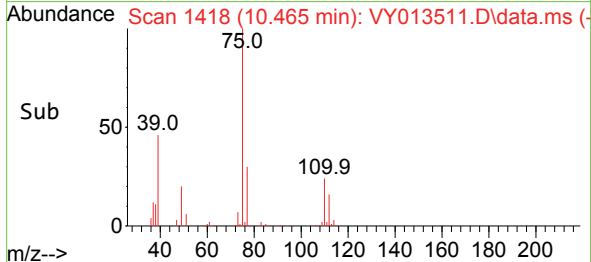
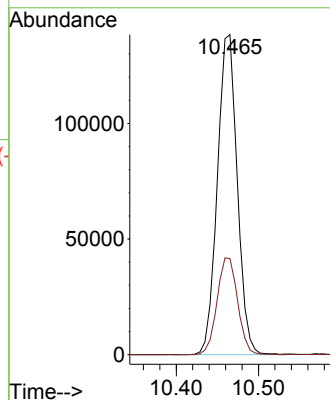
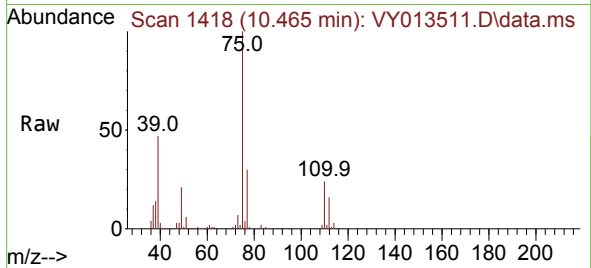




#53
 t-1,3-Dichloropropene
 Concen: 48.852 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

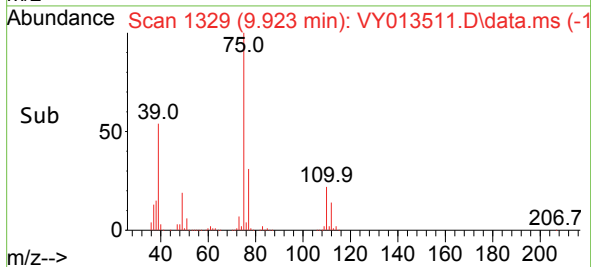
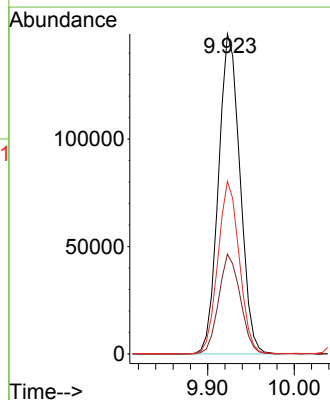
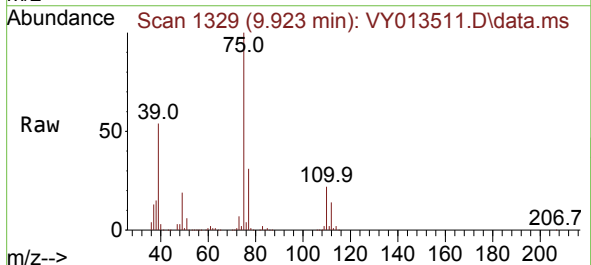
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

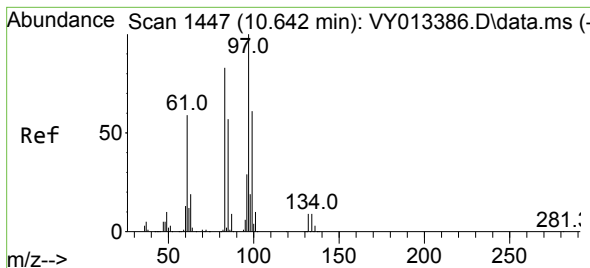
Tgt Ion: 75 Resp: 232671
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.015 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

Tgt Ion: 75 Resp: 257326
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 53.9 38.1 57.1



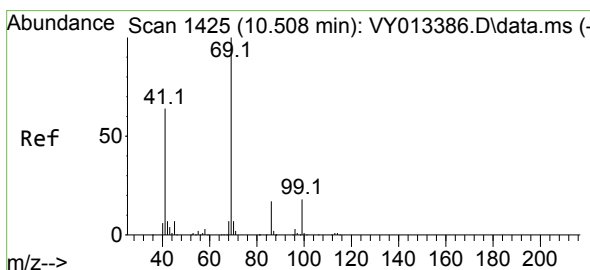
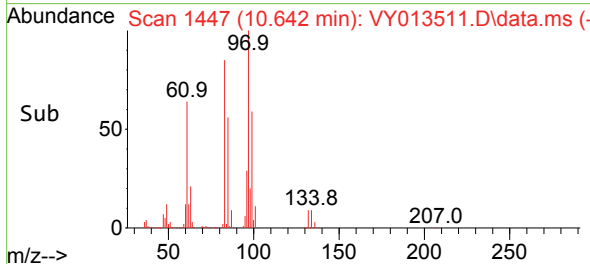
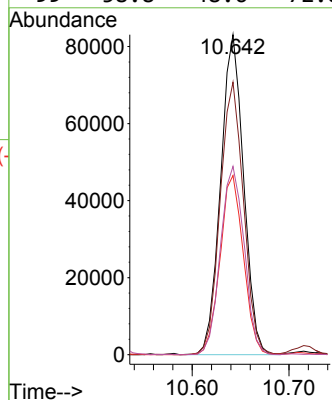
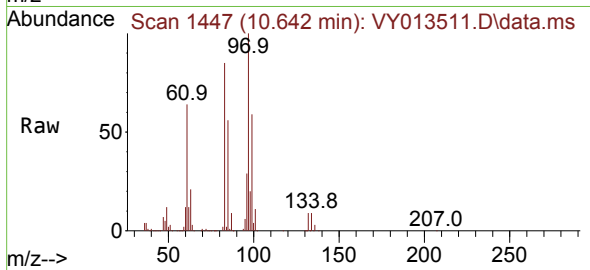


#55
1,1,2-Trichloroethane
Concen: 51.372 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 136824

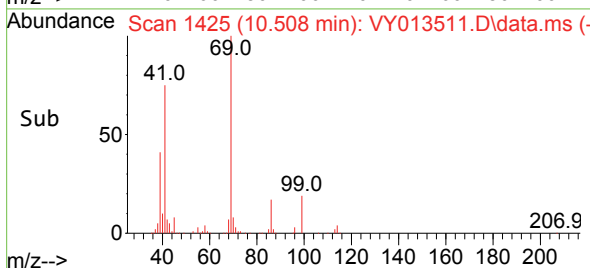
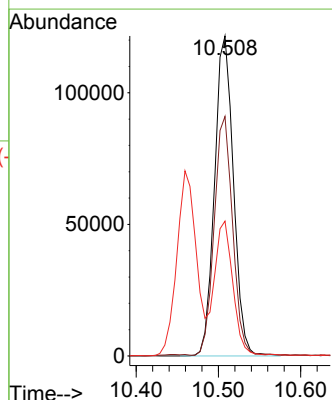
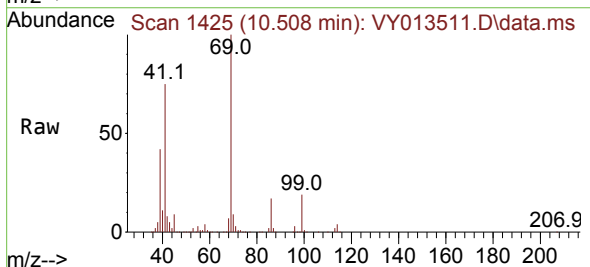
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	56.0	45.6	68.4
99	58.8	48.6	72.8

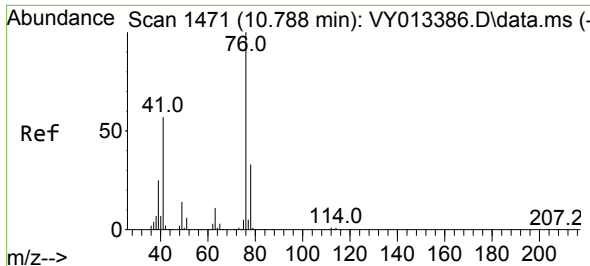


#56
Ethyl methacrylate
Concen: 52.526 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 69 Resp: 194084

Ion	Ratio	Lower	Upper
69	100		
41	73.2	51.4	77.0
39	40.6	29.0	43.6

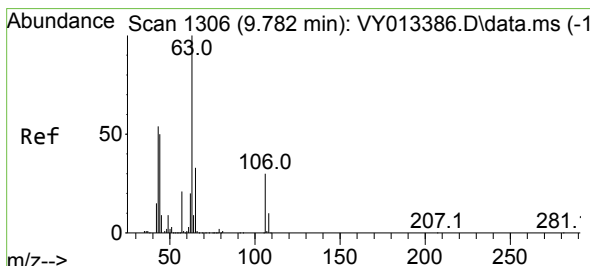
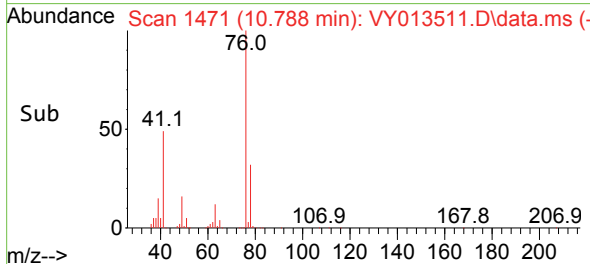
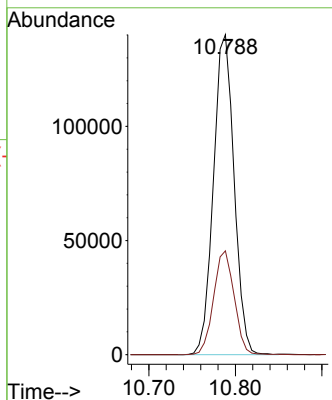
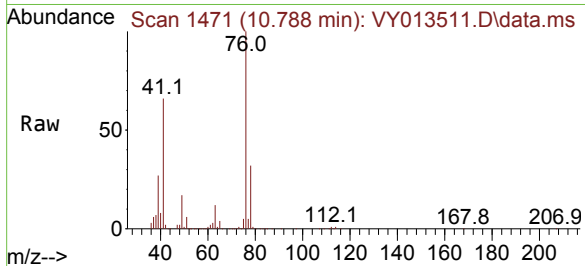




#57
1,3-Dichloropropane
Concen: 51.491 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

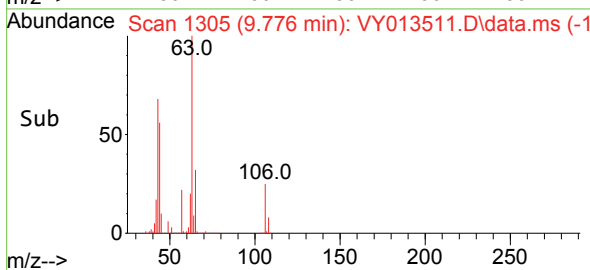
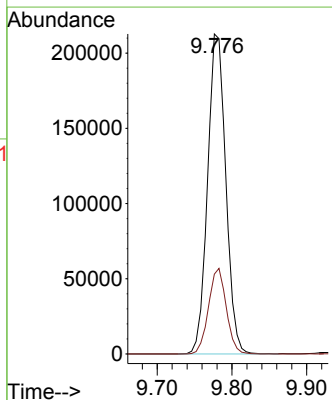
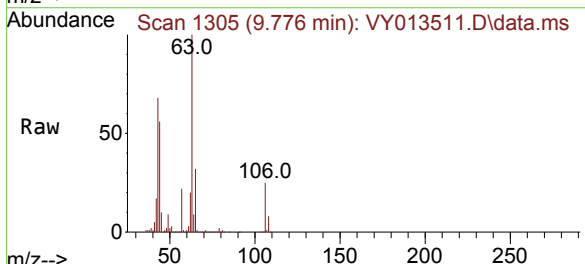
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

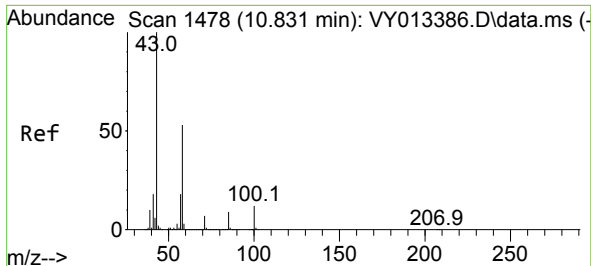
Tgt Ion: 76 Resp: 232260
Ion Ratio Lower Upper
76 100
78 32.3 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 260.054 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 63 Resp: 360326
Ion Ratio Lower Upper
63 100
106 26.0 23.5 35.3





#59

2-Hexanone

Concen: 265.119 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

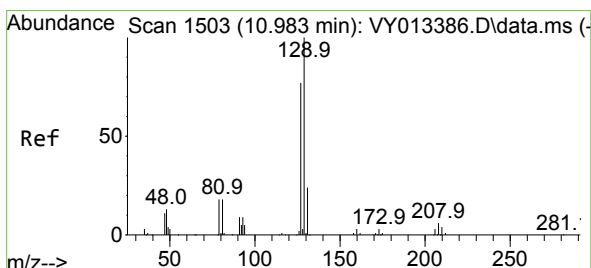
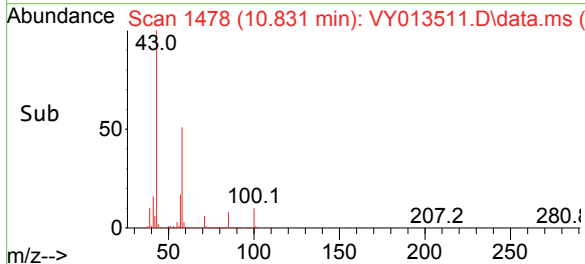
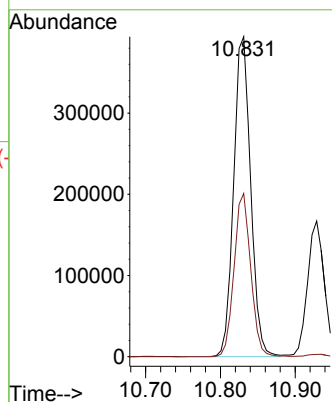
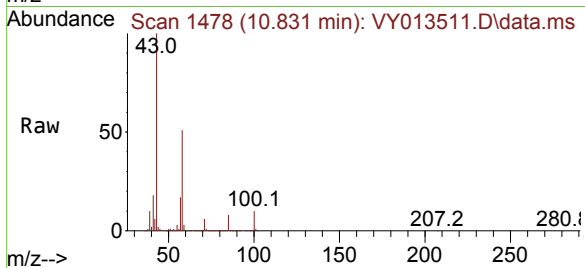
VSTDCCC050EC

Tgt Ion: 43 Resp: 622539

Ion Ratio Lower Upper

43 100

58 50.0 26.3 78.8



#60

Dibromochloromethane

Concen: 50.731 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.001 min

Lab File: VY013511.D

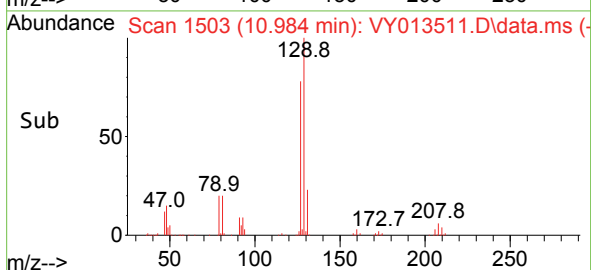
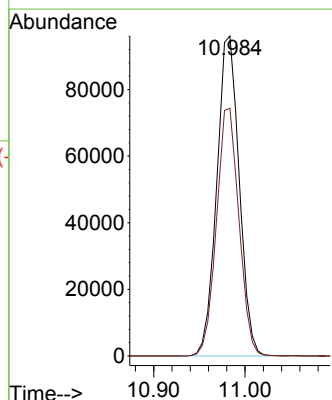
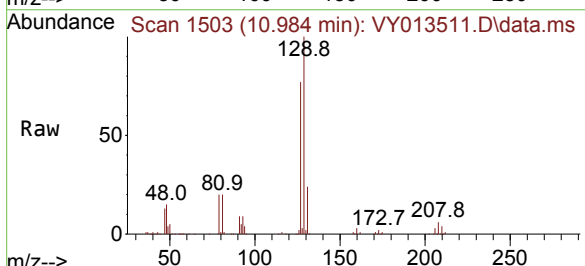
Acq: 27 Apr 2023 22:44

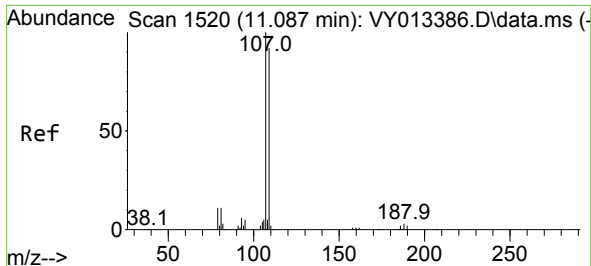
Tgt Ion: 129 Resp: 164061

Ion Ratio Lower Upper

129 100

127 77.5 38.7 116.1

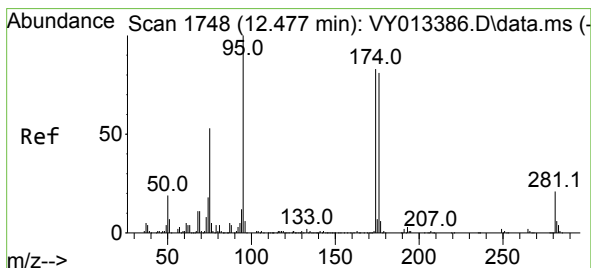
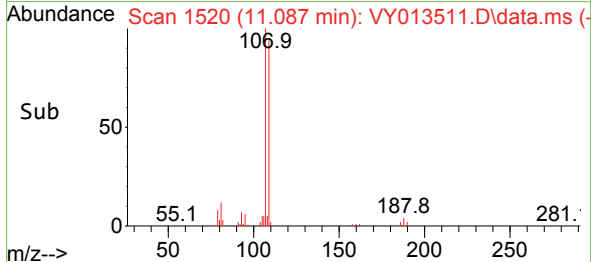
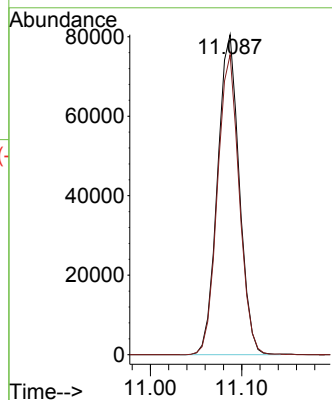
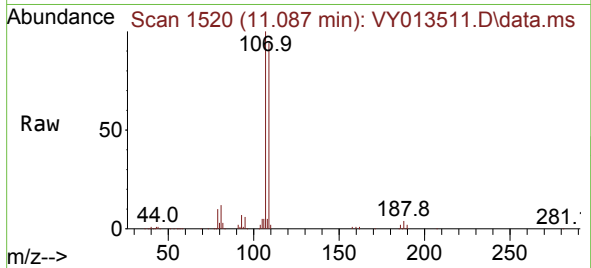




#61
1,2-Dibromoethane
Concen: 50.729 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

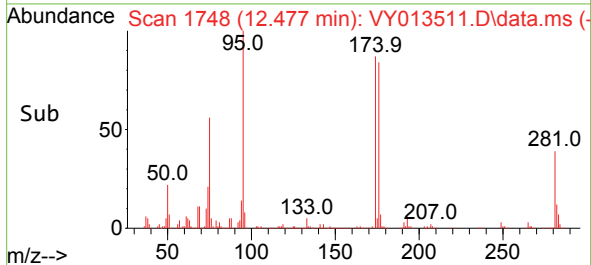
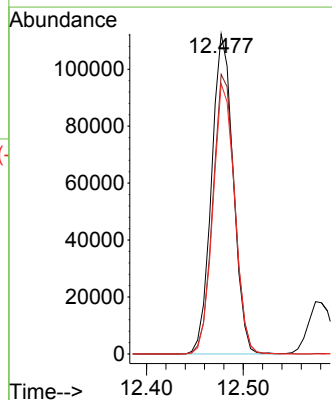
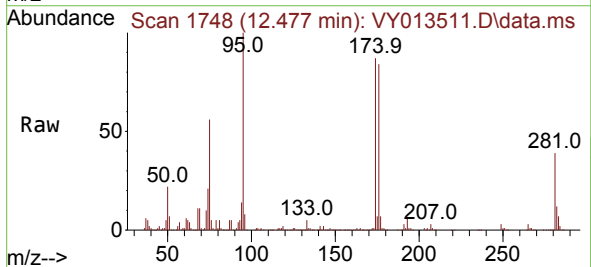
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

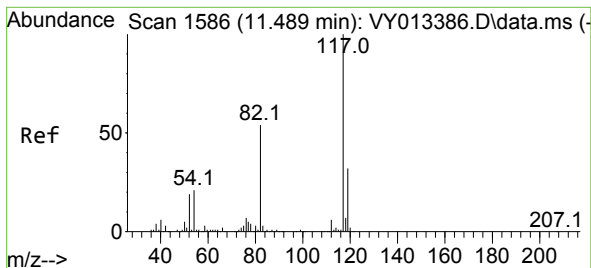
Tgt Ion:107 Resp: 132837
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.878 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 95 Resp: 174385
Ion Ratio Lower Upper
95 100
174 88.3 0.0 182.0
176 84.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

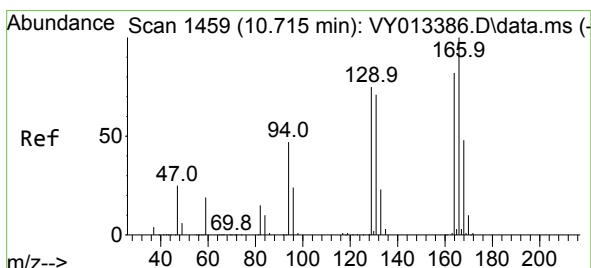
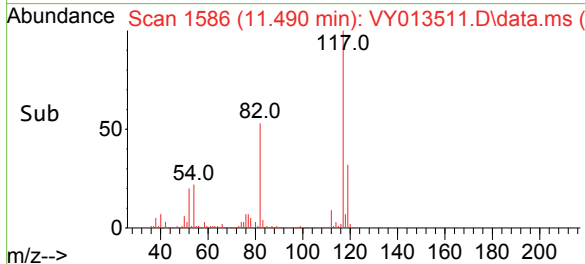
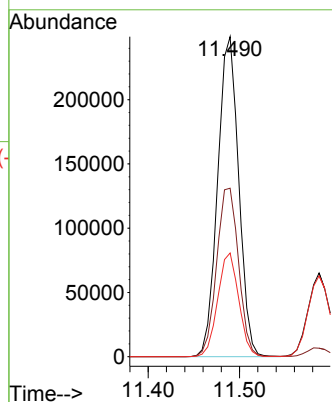
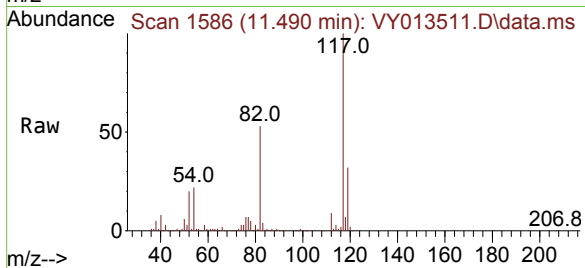
Tgt Ion:117 Resp: 398218

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.6

119 32.4 25.5 38.3



#64

Tetrachloroethene

Concen: 47.759 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Tgt Ion:164 Resp: 144619

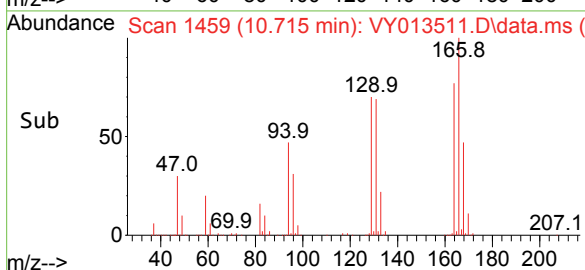
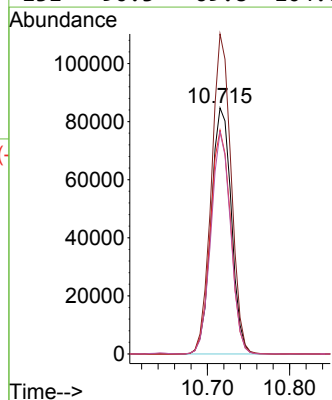
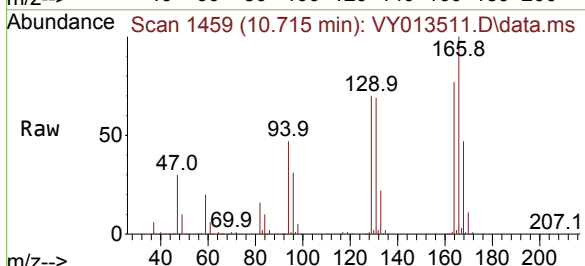
Ion Ratio Lower Upper

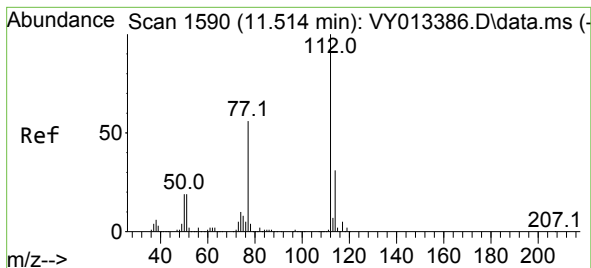
164 100

166 130.0 97.5 146.3

129 90.9 72.6 109.0

131 90.3 69.8 104.6

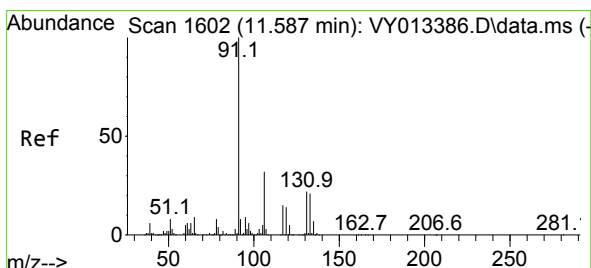
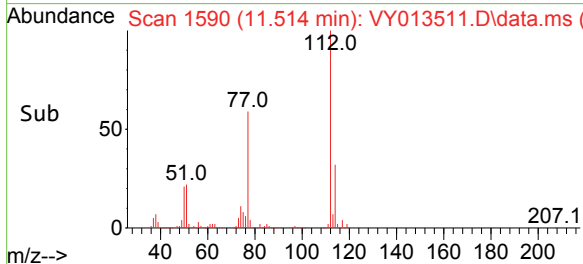
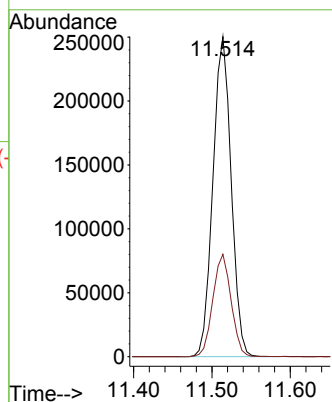
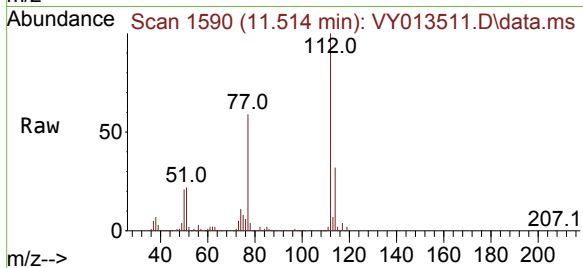




#65
Chlorobenzene
Concen: 46.676 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

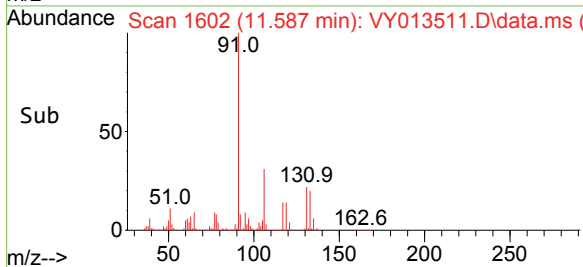
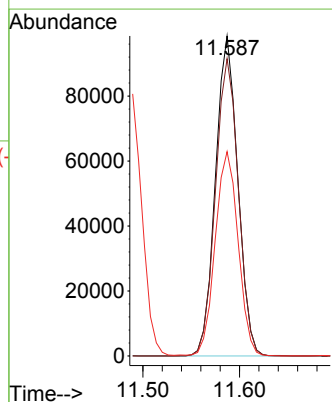
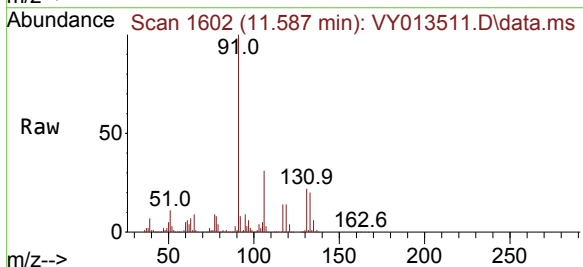
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

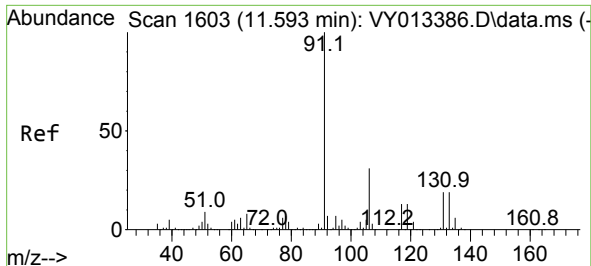
Tgt Ion:112 Resp: 404904
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.634 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion:131 Resp: 157784
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 65.7 32.6 98.0





#67

Ethyl Benzene

Concen: 47.379 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

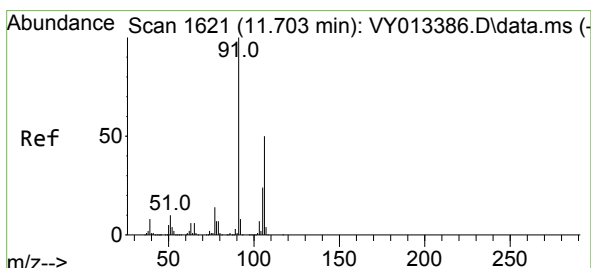
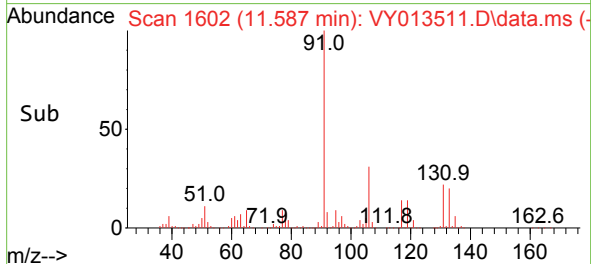
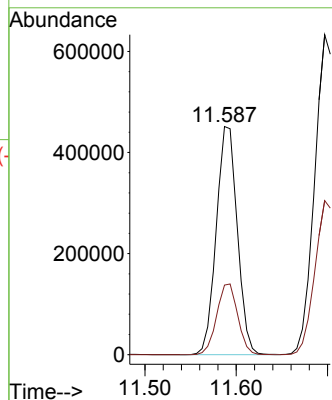
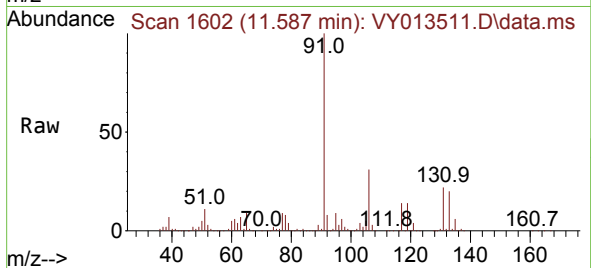
VSTDCCC050EC

Tgt Ion: 91 Resp: 721713

Ion Ratio Lower Upper

91 100

106 30.5 25.1 37.7



#68

m/p-Xylenes

Concen: 94.225 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013511.D

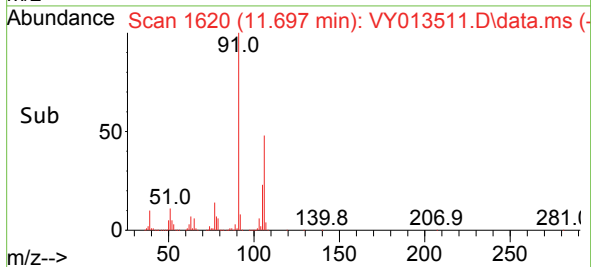
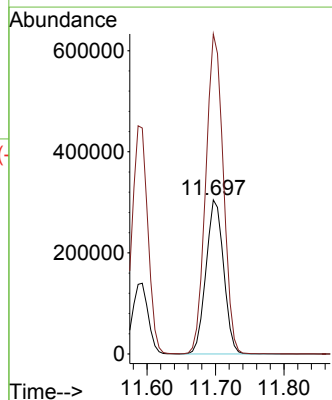
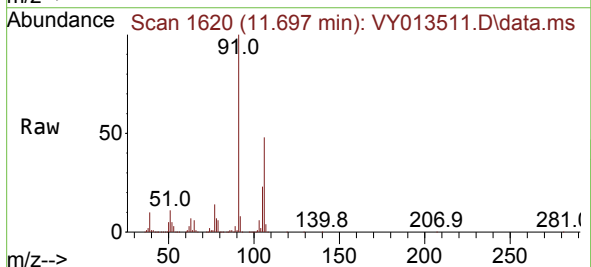
Acq: 27 Apr 2023 22:44

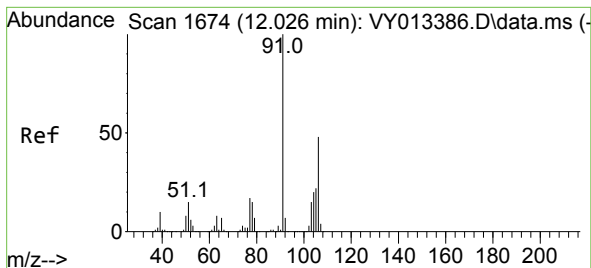
Tgt Ion:106 Resp: 545637

Ion Ratio Lower Upper

106 100

91 206.8 160.9 241.3





#69

o-Xylene

Concen: 47.406 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

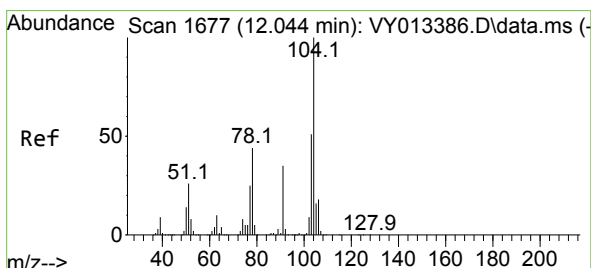
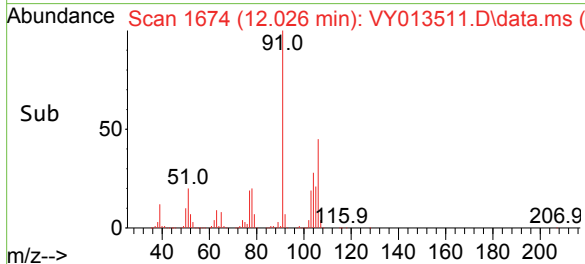
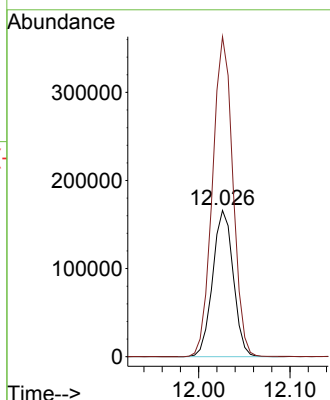
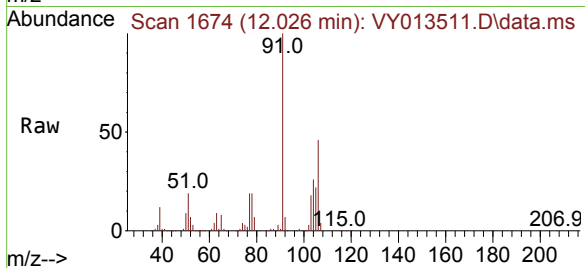
VSTDCCC050EC

Tgt Ion:106 Resp: 259625

Ion Ratio Lower Upper

106 100

91 216.9 105.5 316.4



#70

Styrene

Concen: 49.036 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

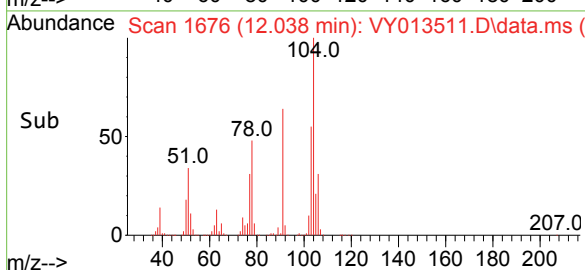
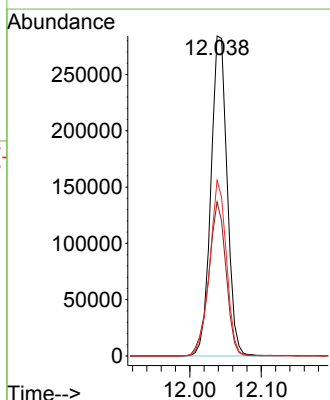
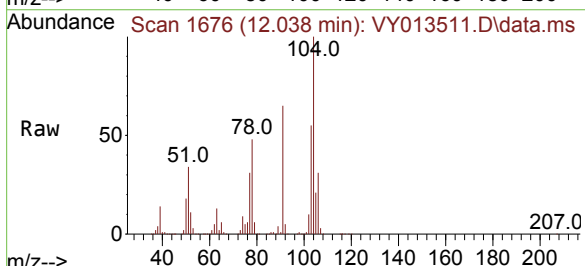
Tgt Ion:104 Resp: 449030

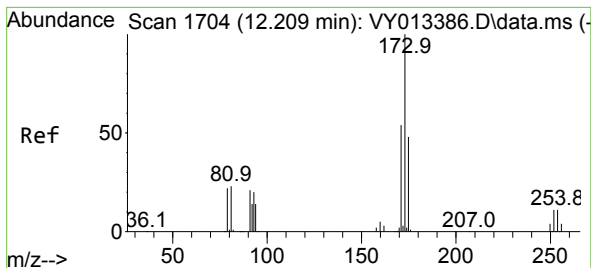
Ion Ratio Lower Upper

104 100

78 51.3 40.3 60.5

103 56.6 45.0 67.4





#71

Bromoform

Concen: 51.300 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

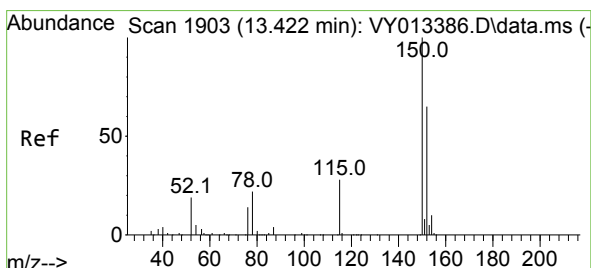
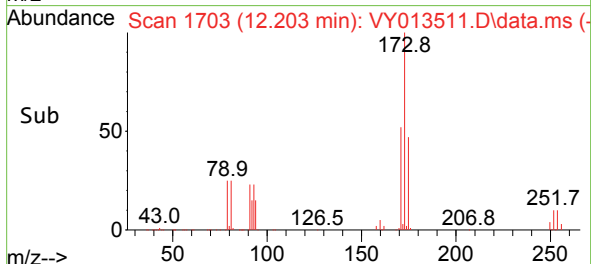
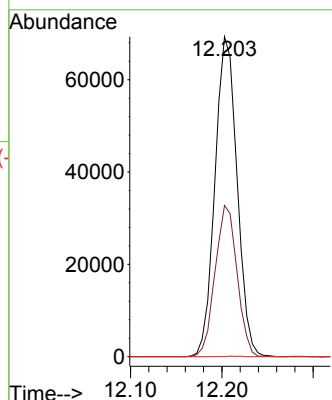
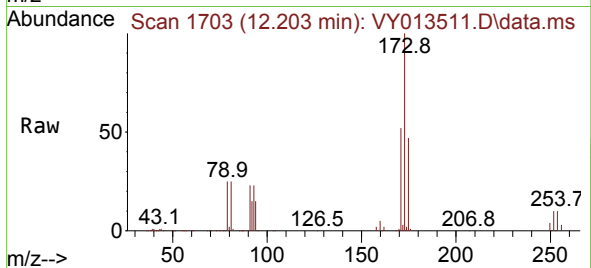
Tgt Ion:173 Resp: 116577

Ion Ratio Lower Upper

173 100

175 46.9 24.3 72.8

254 0.1 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: VY013511.D

Acq: 27 Apr 2023 22:44

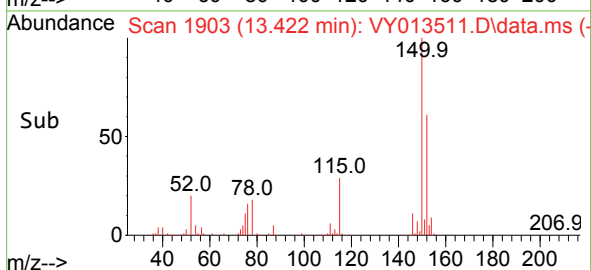
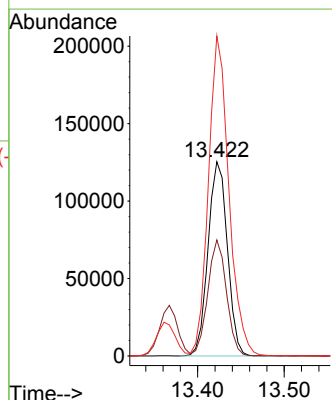
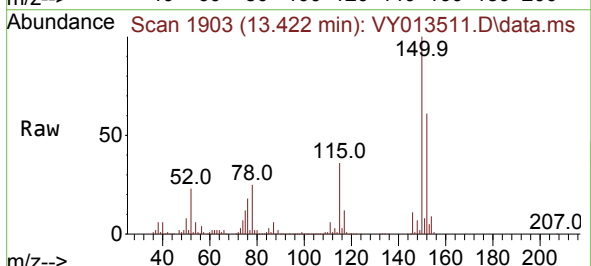
Tgt Ion:152 Resp: 194857

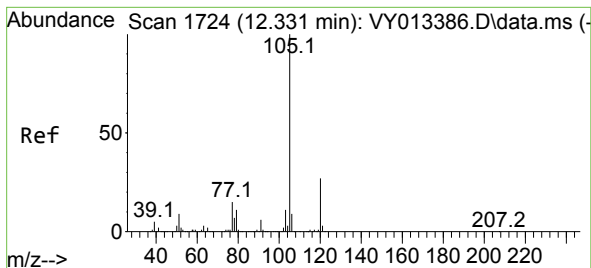
Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.2

150 173.4 0.0 352.0





#73

Isopropylbenzene

Concen: 45.263 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

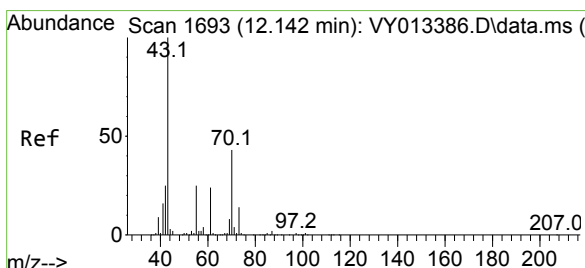
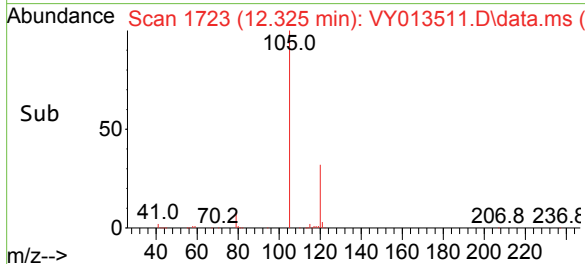
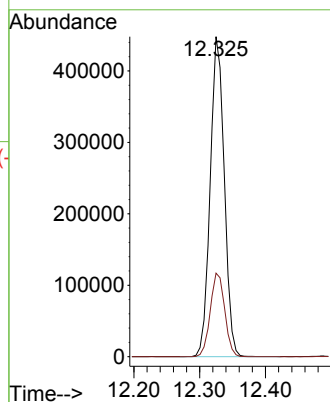
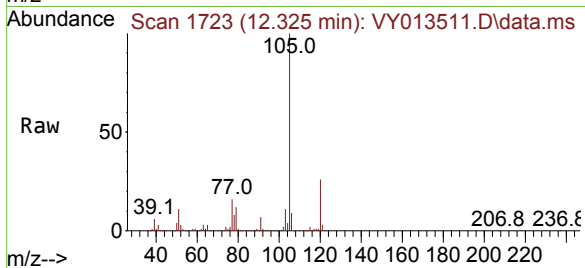
VSTDCCC050EC

Tgt Ion:105 Resp: 667093

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.0



#74

N-ethyl acetate

Concen: 49.052 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Tgt Ion: 43 Resp: 257266

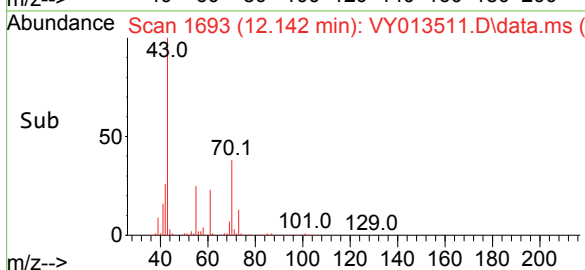
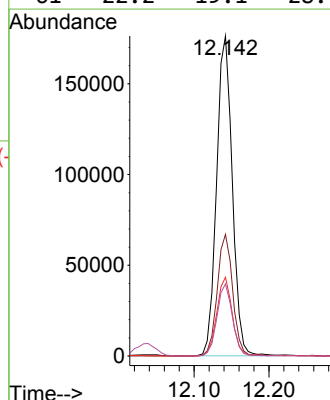
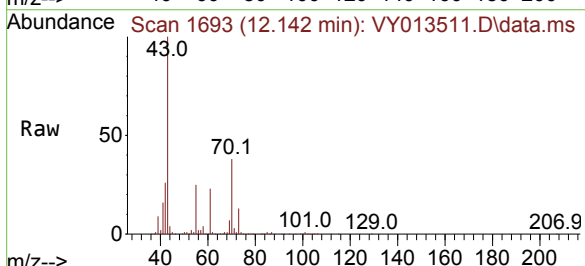
Ion Ratio Lower Upper

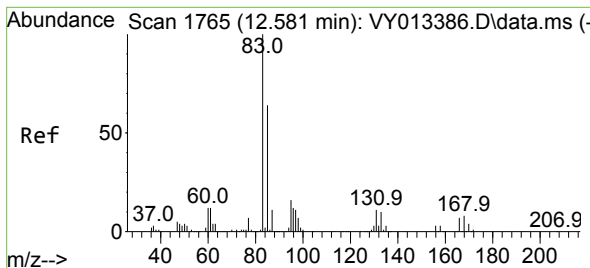
43 100

70 37.4 33.0 49.4

55 24.2 19.8 29.6

61 22.2 19.1 28.7

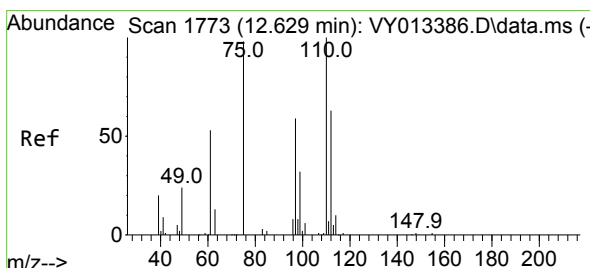
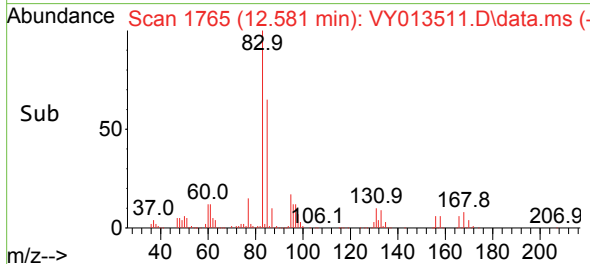
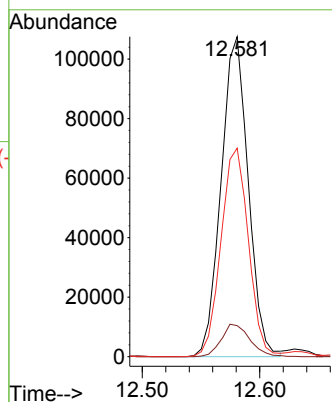
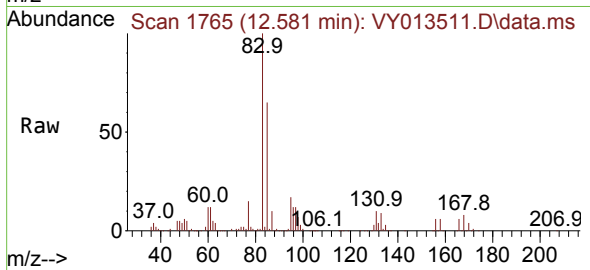




#75
1,1,2-Tetrachloroethane
Concen: 47.888 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

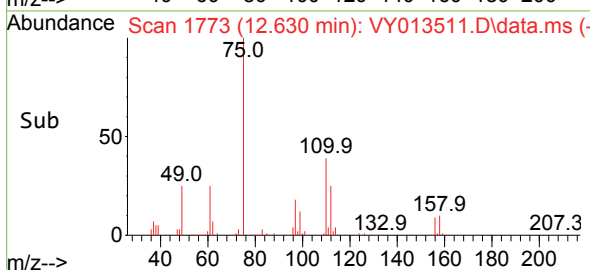
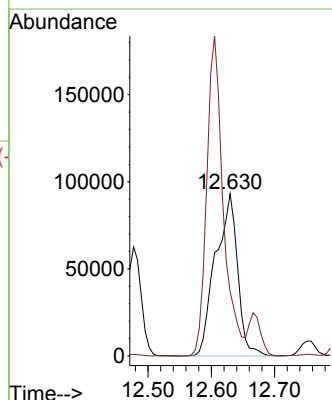
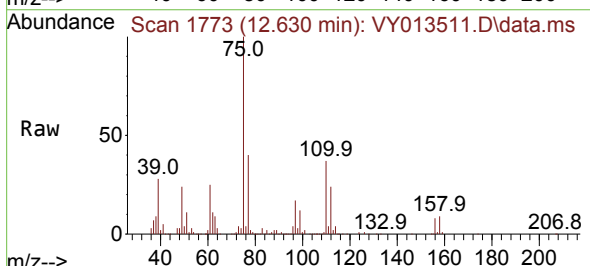
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

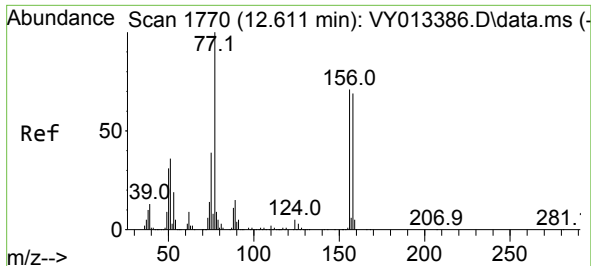
Tgt Ion: 83 Resp: 172514
Ion Ratio Lower Upper
83 100
131 10.7 5.7 17.0
85 65.9 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 85.701 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 75 Resp: 225213
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

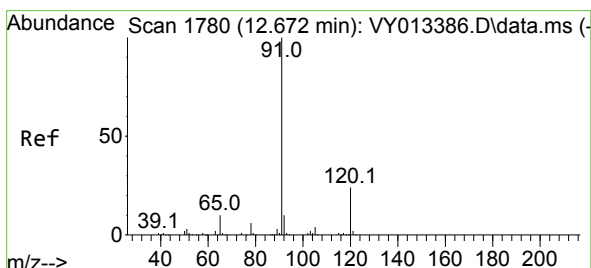
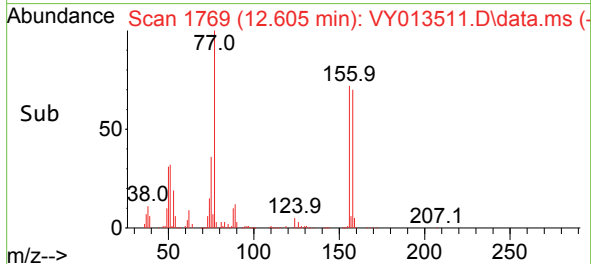
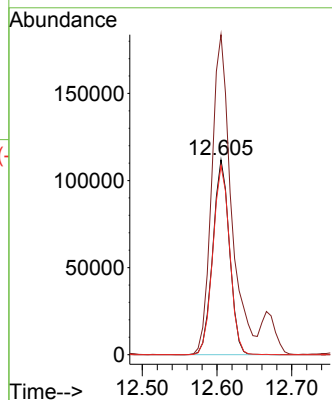
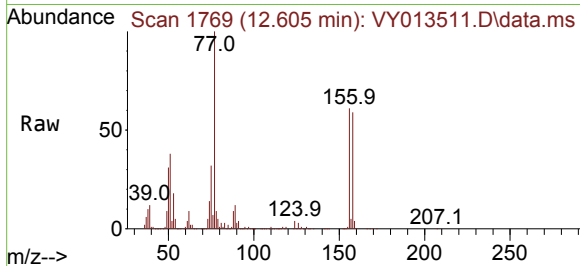




#77
Bromobenzene
Concen: 48.510 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

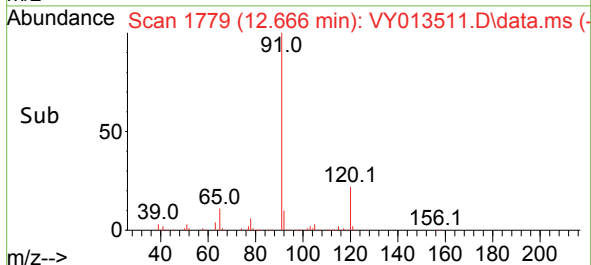
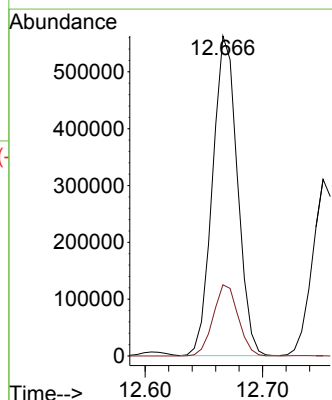
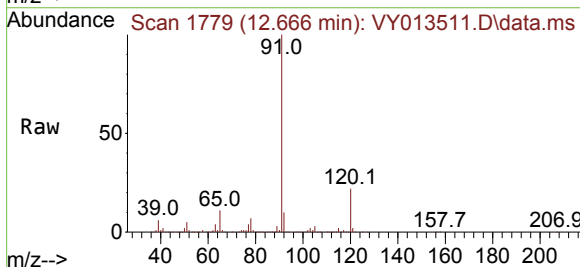
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

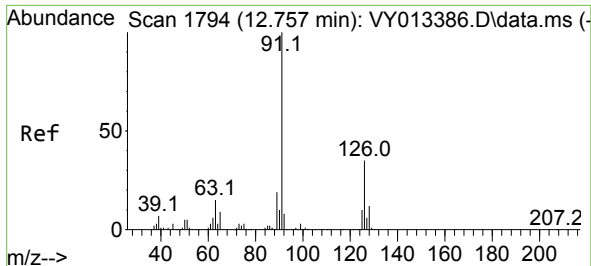
Tgt Ion:156 Resp: 173235
Ion Ratio Lower Upper
156 100
77 193.4 87.6 262.9
158 98.2 48.5 145.5



#78
n-propylbenzene
Concen: 45.594 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 91 Resp: 827685
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9

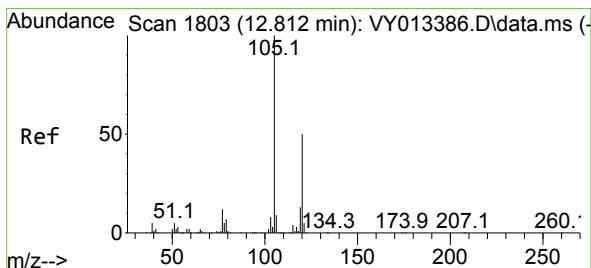
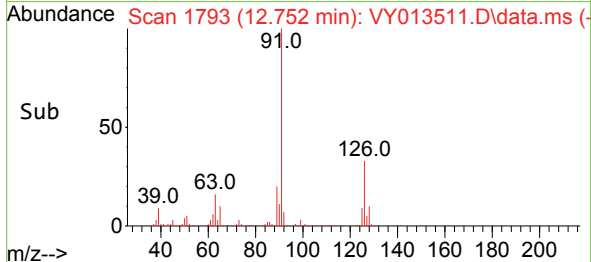
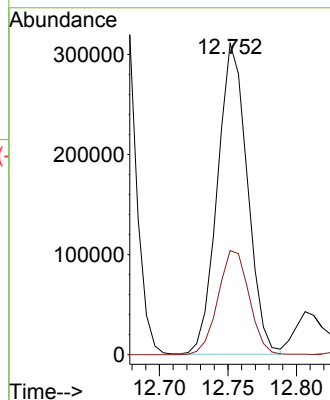
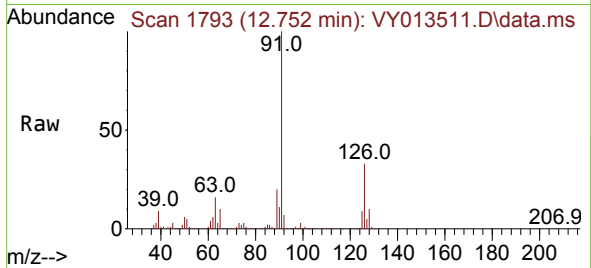




#79
2-Chlorotoluene
Concen: 46.657 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

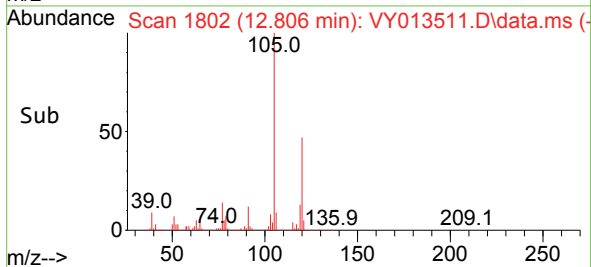
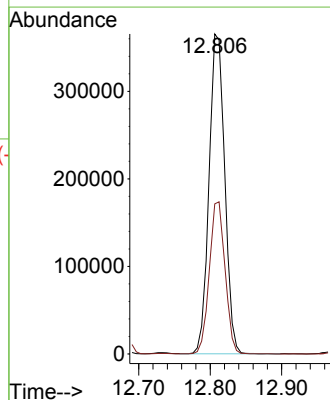
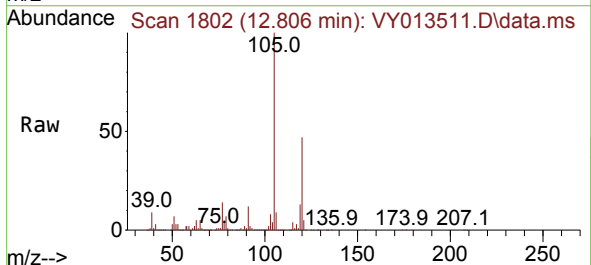
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

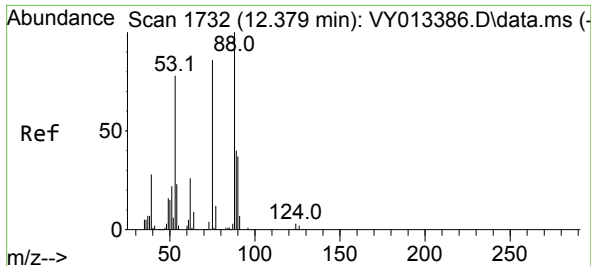
Tgt Ion: 91 Resp: 472981
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 46.327 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion:105 Resp: 557281
Ion Ratio Lower Upper
105 100
120 47.7 24.7 74.1

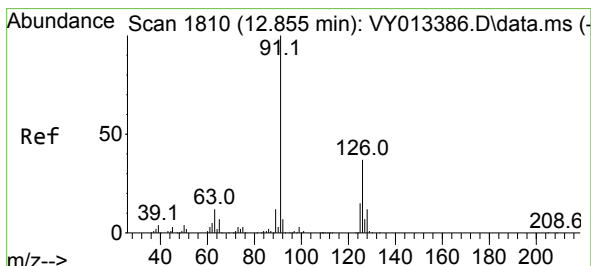
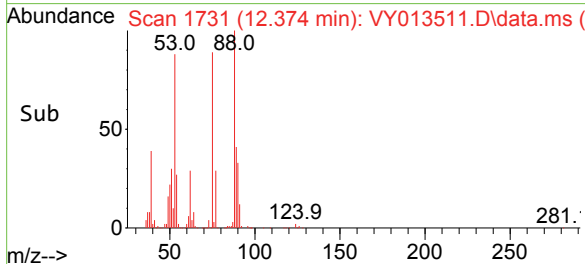
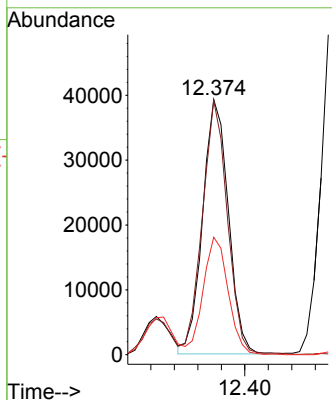
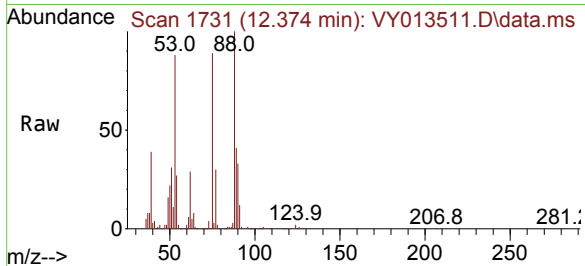




#81
trans-1,4-Dichloro-2-butene
Concen: 46.335 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

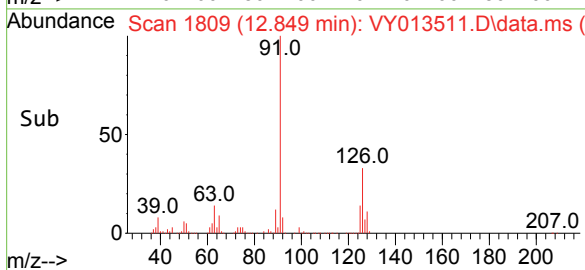
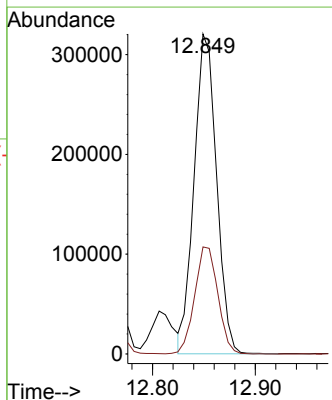
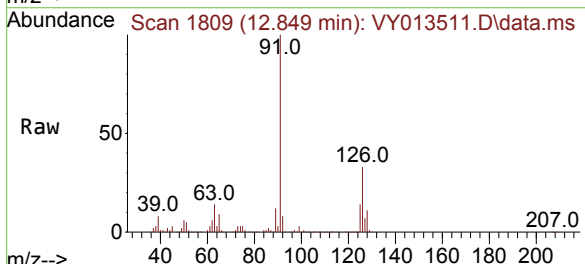
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

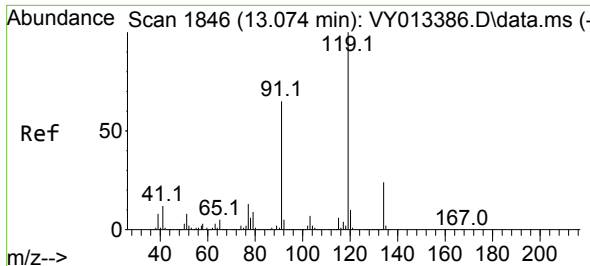
Tgt Ion: 75 Resp: 59526
Ion Ratio Lower Upper
75 100
53 97.8 73.2 109.8
89 44.9 38.0 57.0



#82
4-Chlorotoluene
Concen: 46.080 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 91 Resp: 486889
Ion Ratio Lower Upper
91 100
126 34.6 17.9 53.8

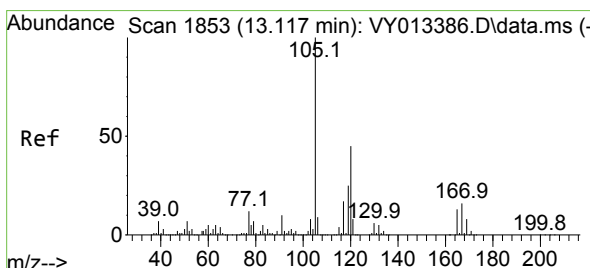
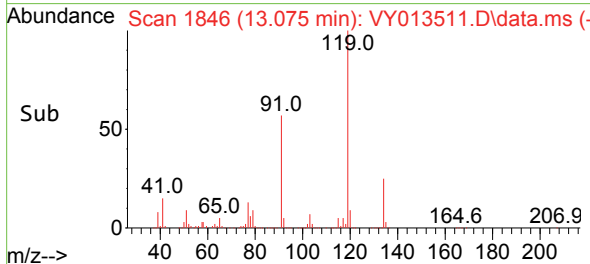
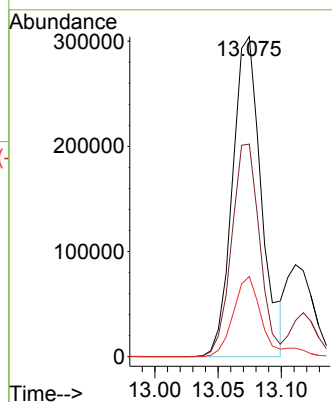
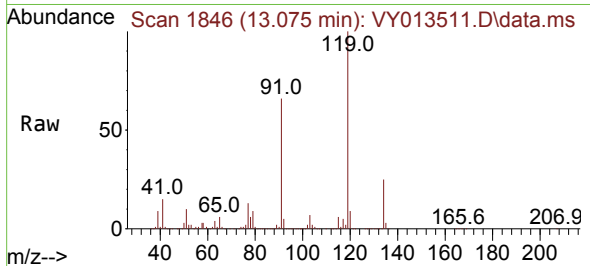




#83
 tert-Butylbenzene
 Concen: 46.495 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.001 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

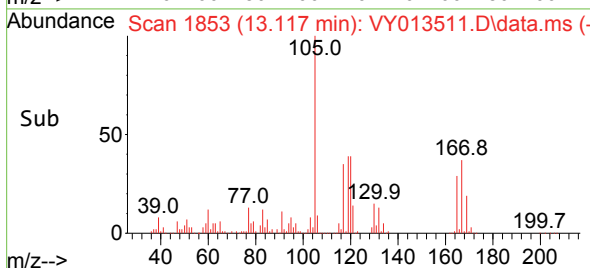
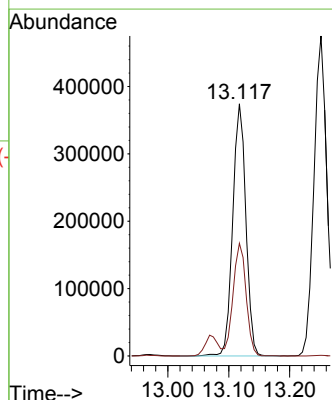
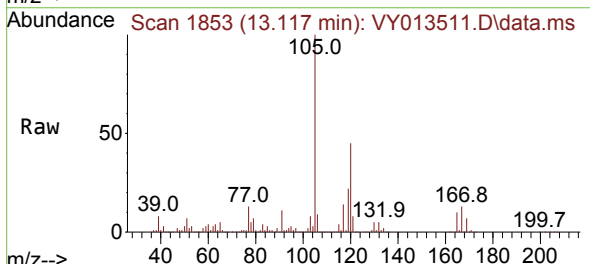
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

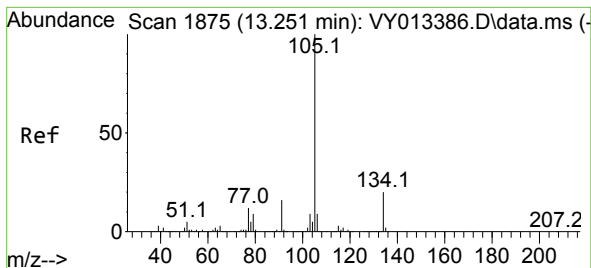
Tgt Ion:119 Resp: 484557
 Ion Ratio Lower Upper
 119 100
 91 64.6 32.2 96.6
 134 25.6 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 47.918 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

Tgt Ion:105 Resp: 560419
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.9

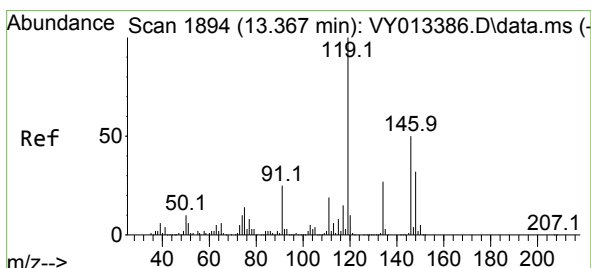
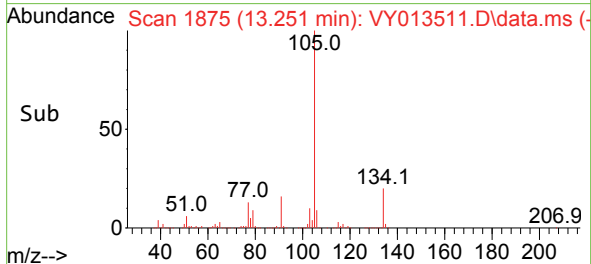
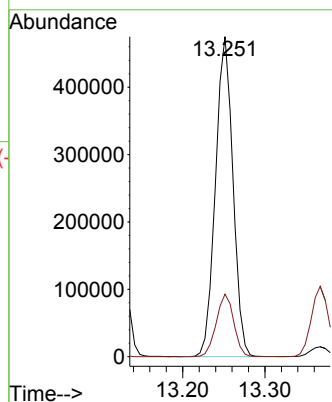
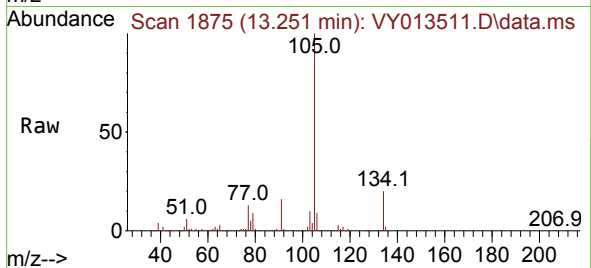




#85
 sec-Butylbenzene
 Concen: 44.767 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

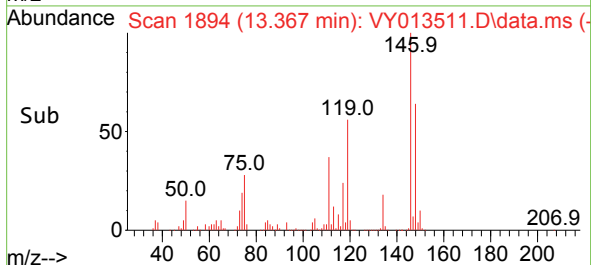
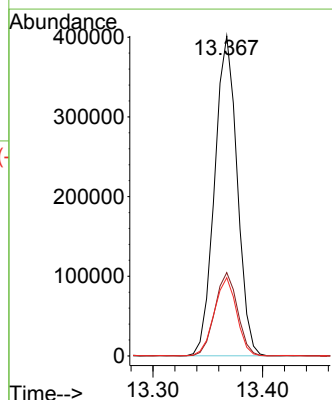
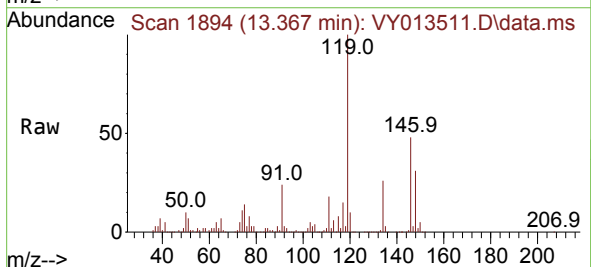
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

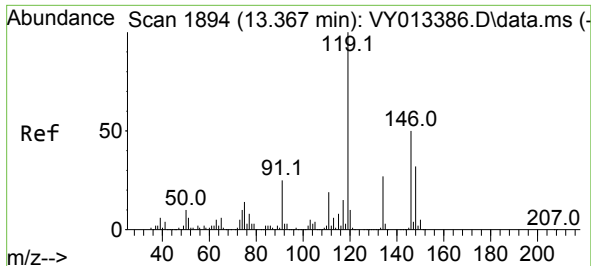
Tgt Ion:105 Resp: 700209
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 45.640 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

Tgt Ion:119 Resp: 574069
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.2
 91 24.2 12.1 36.3

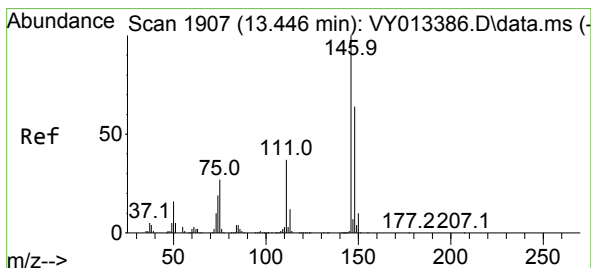
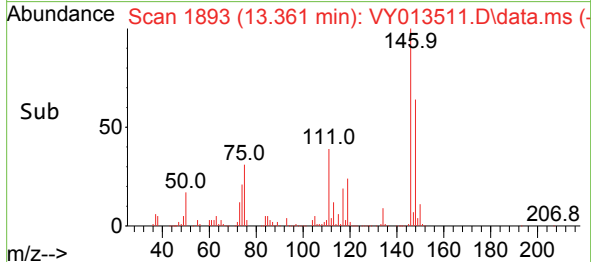
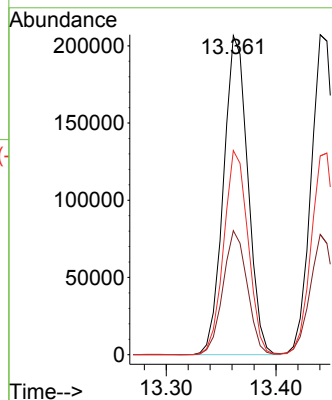
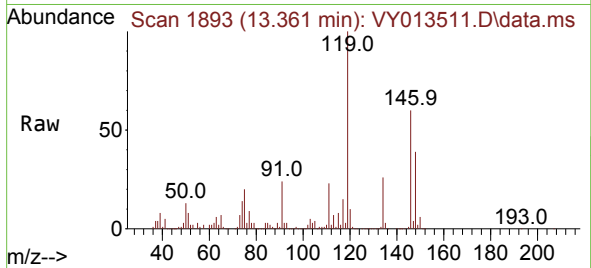




#87
 1,3-Dichlorobenzene
 Concen: 46.870 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

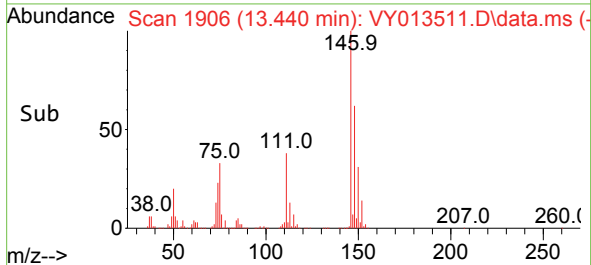
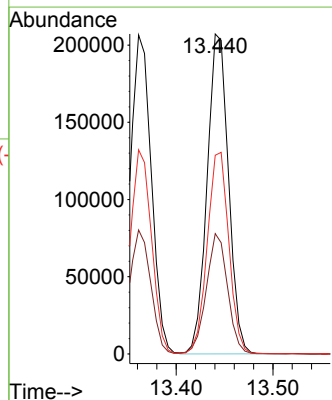
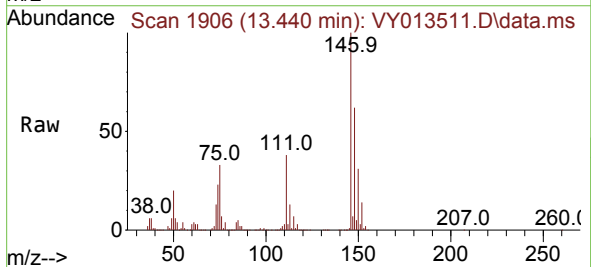
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

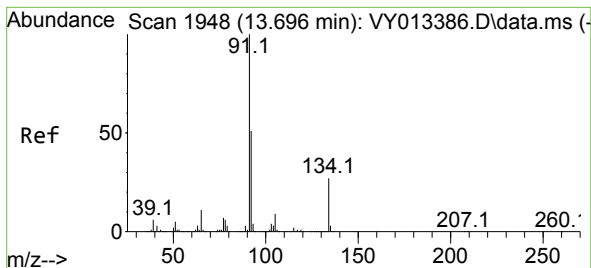
Tgt Ion:146 Resp: 318889
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.369 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY013511.D
 Acq: 27 Apr 2023 22:44

Tgt Ion:146 Resp: 318680
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.5
 148 63.6 31.9 95.5





#89

n-Butylbenzene

Concen: 43.627 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

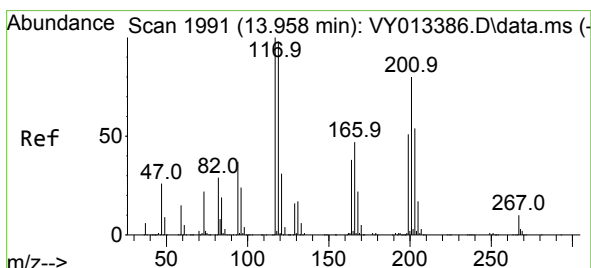
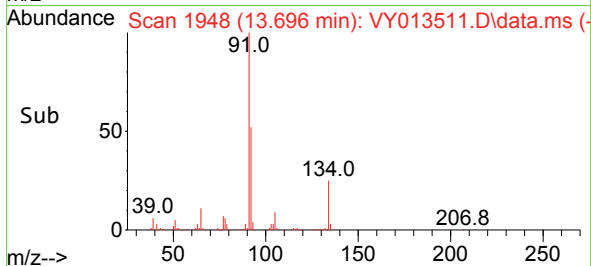
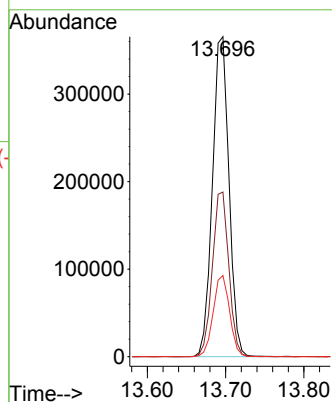
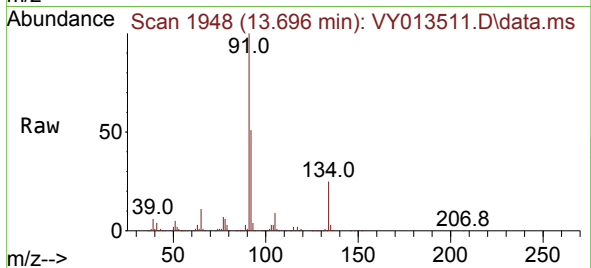
Tgt Ion: 91 Resp: 535586

Ion Ratio Lower Upper

91 100

92 51.2 25.8 77.3

134 25.2 13.5 40.4



#90

Hexachloroethane

Concen: 44.320 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013511.D

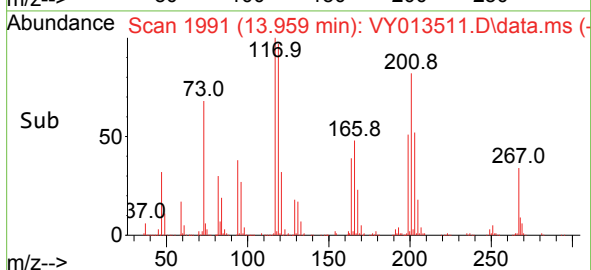
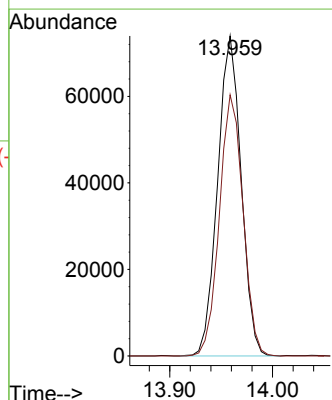
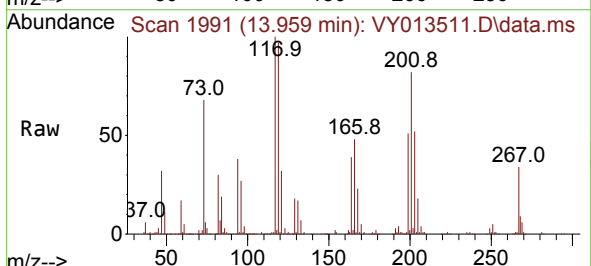
Acq: 27 Apr 2023 22:44

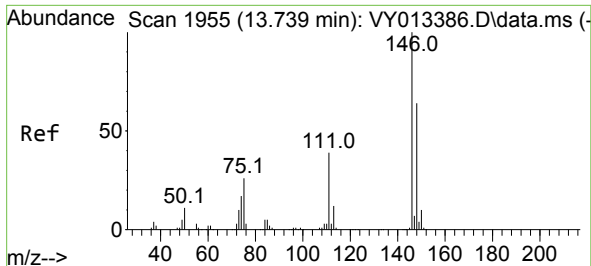
Tgt Ion: 117 Resp: 117328

Ion Ratio Lower Upper

117 100

201 81.9 41.6 124.8

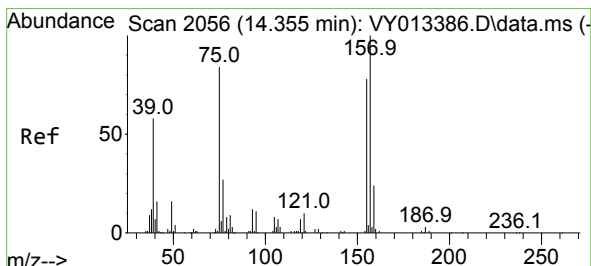
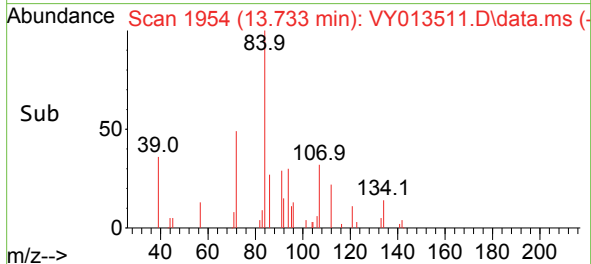
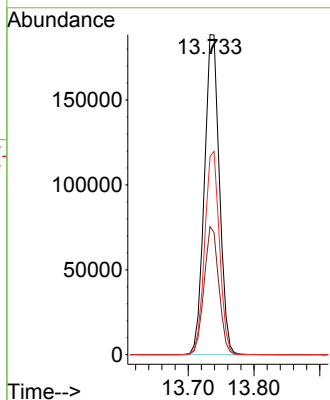
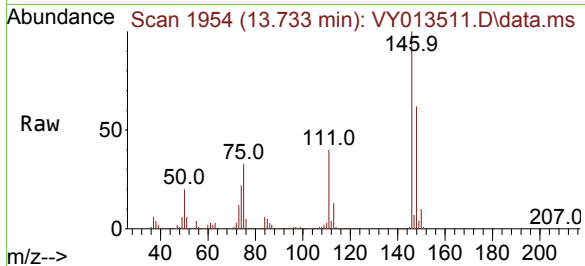




#91
1,2-Dichlorobenzene
Concen: 48.705 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

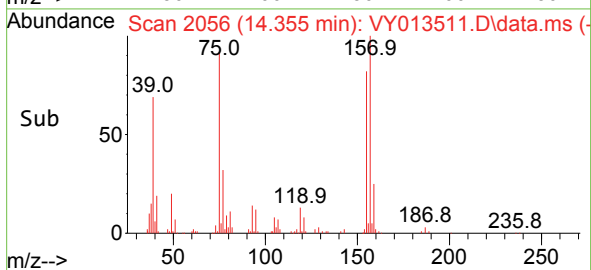
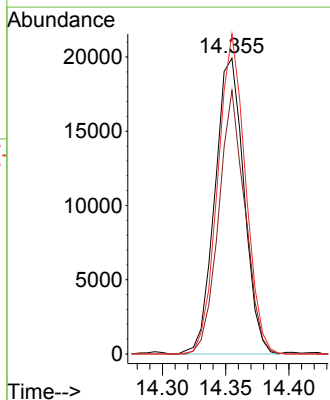
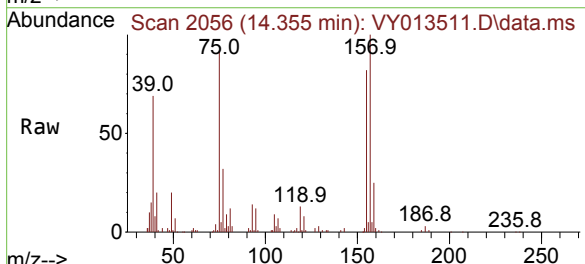
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

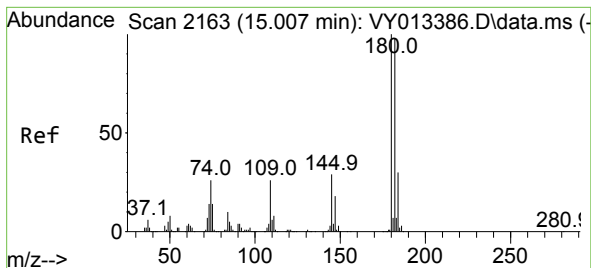
Tgt Ion:146 Resp: 299235
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.4
148 62.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.848 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013511.D
Acq: 27 Apr 2023 22:44

Tgt Ion: 75 Resp: 31715
Ion Ratio Lower Upper
75 100
155 80.8 44.6 134.0
157 103.2 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 47.307 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

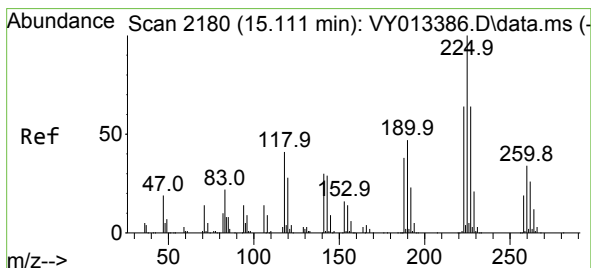
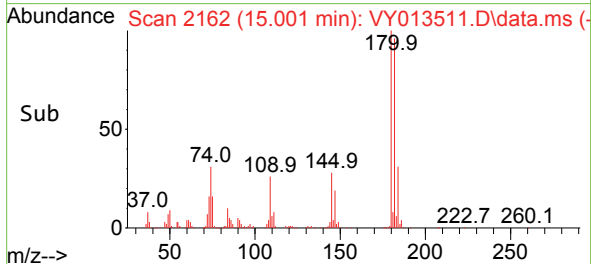
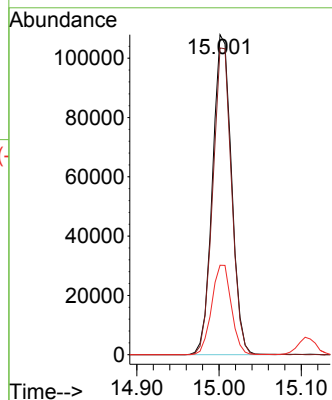
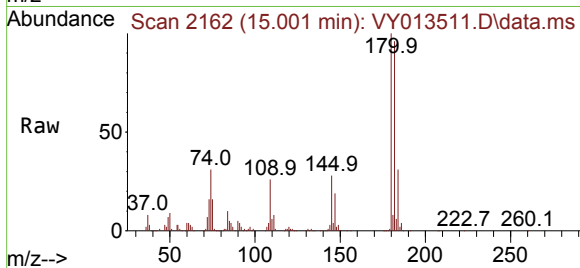
Tgt Ion:180 Resp: 173288

Ion Ratio Lower Upper

180 100

182 94.7 48.5 145.5

145 28.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 44.322 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

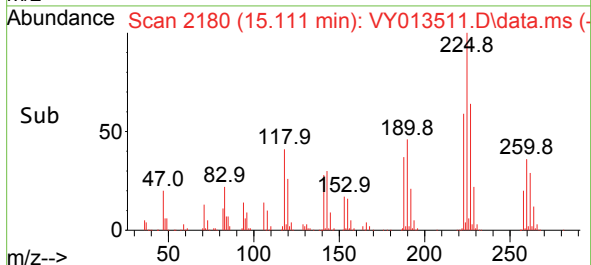
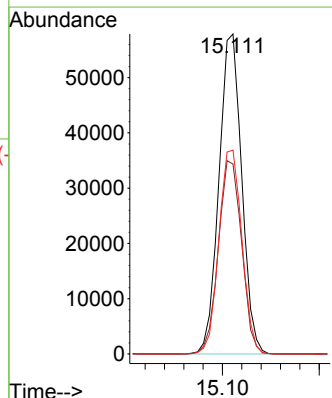
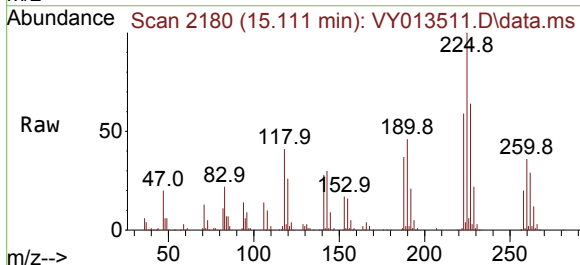
Tgt Ion:225 Resp: 94486

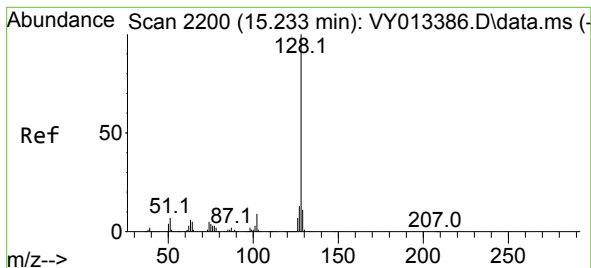
Ion Ratio Lower Upper

225 100

223 61.7 31.4 94.2

227 64.4 32.0 96.0





#95

Naphthalene

Concen: 49.791 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

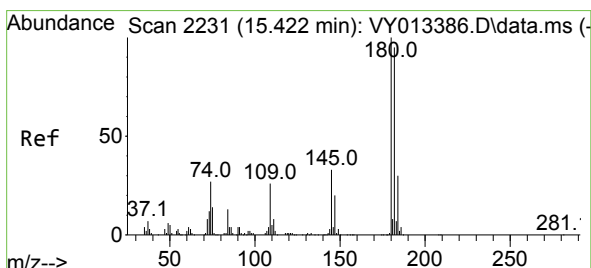
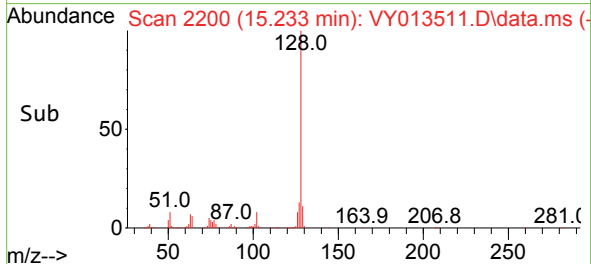
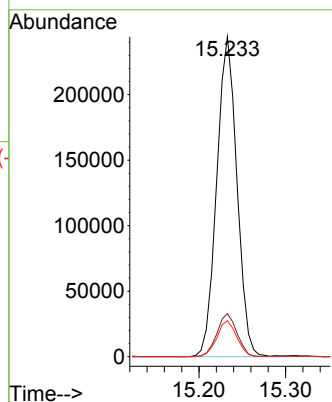
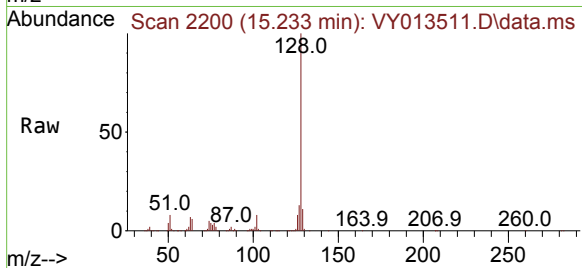
Tgt Ion:128 Resp: 395721

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.373 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013511.D

Acq: 27 Apr 2023 22:44

Tgt Ion:180 Resp: 161195

Ion Ratio Lower Upper

180 100

182 94.0 47.1 141.3

145 31.0 15.9 47.7

