

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012467.D
 Acq On : 03 Feb 2023 10:17
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:04:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	167951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	228417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66780	47.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.600%
35) Dibromofluoromethane	7.722	113	64979	48.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.185	98	223299	48.100	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.483	95	89339	47.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60189	41.008	ug/l	96
3) Chloromethane	2.119	50	62253	45.945	ug/l	100
4) Vinyl Chloride	2.259	62	78065	49.361	ug/l	99
5) Bromomethane	2.656	94	58643	47.961	ug/l	96
6) Chloroethane	2.802	64	51921	50.339	ug/l	99
7) Trichlorofluoromethane	3.131	101	153167	49.623	ug/l	100
8) Diethyl Ether	3.534	74	46322	50.434	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.905	101	79967	53.231	ug/l	95
10) Methyl Iodide	4.094	142	111337	48.768	ug/l	97
11) Tert butyl alcohol	4.954	59	42130	255.278	ug/l	99
12) 1,1-Dichloroethene	3.881	96	78586	50.946	ug/l	92
13) Acrolein	3.735	56	14116	225.467	ug/l	96
14) Allyl chloride	4.485	41	101735	53.340	ug/l #	87
15) Acrylonitrile	5.167	53	103917	259.025	ug/l	100
16) Acetone	3.948	43	122682	262.327	ug/l	95
17) Carbon Disulfide	4.198	76	210239	44.064	ug/l	100
18) Methyl Acetate	4.479	43	54069	51.667	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	223196	51.906	ug/l	94
20) Methylene Chloride	4.722	84	92780	46.879	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	88095	51.179	ug/l	89
22) Diisopropyl ether	6.118	45	211347	55.582	ug/l #	90
23) Vinyl Acetate	6.064	43	631960	266.715	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	143363	54.357	ug/l	97
25) 2-Butanone	6.984	43	133752	259.059	ug/l	90
26) 2,2-Dichloropropane	6.984	77	152827	53.378	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	101279	53.565	ug/l	95
28) Bromochloromethane	7.338	49	26745	46.432	ug/l #	75
29) Tetrahydrofuran	7.344	42	72295	254.920	ug/l #	85
30) Chloroform	7.508	83	164437	52.817	ug/l	98
31) Cyclohexane	7.789	56	119100	48.637	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	162494	52.720	ug/l	98
36) 1,1-Dichloropropene	7.917	75	117698	51.864	ug/l	98
37) Ethyl Acetate	7.076	43	49854	49.833	ug/l #	93
38) Carbon Tetrachloride	7.899	117	151984	51.856	ug/l	97
39) Methylcyclohexane	9.185	83	145076	52.312	ug/l	94
40) Benzene	8.161	78	349730	53.395	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	71463	121.527	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	107531	51.568	ug/l	98
43) Isopropyl Acetate	8.271	43	97930	52.615	ug/l #	94
44) Trichloroethene	8.941	130	103593	52.915	ug/l	96
45) 1,2-Dichloropropane	9.215	63	74670	54.634	ug/l	98
46) Dibromomethane	9.307	93	48153	52.629	ug/l	95
47) Bromodichloromethane	9.496	83	125596	54.532	ug/l	96
48) Methyl methacrylate	9.295	41	44470	51.854	ug/l	89
49) 1,4-Dioxane	9.301	88	12641	1013.925	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	259099	261.062	ug/l	94
52) Toluene	10.246	92	234952	53.875	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	127818	53.056	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	140401	54.116	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	69910	53.779	ug/l	98
56) Ethyl methacrylate	10.514	69	92501	54.239	ug/l	94
57) 1,3-Dichloropropane	10.788	76	115053	54.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	135686	240.448	ug/l	89
59) 2-Hexanone	10.831	43	197552	261.441	ug/l	94
60) Dibromochloromethane	10.990	129	92913	53.889	ug/l	99
61) 1,2-Dibromoethane	11.093	107	65778	52.439	ug/l	99
64) Tetrachloroethene	10.721	164	114032	54.711	ug/l	96
65) Chlorobenzene	11.520	112	252777	54.087	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	99401	56.348	ug/l	97
67) Ethyl Benzene	11.593	91	456211	54.620	ug/l	99
68) m/p-Xylenes	11.703	106	360669	109.212	ug/l	99
69) o-Xylene	12.032	106	171842	54.478	ug/l	98
70) Styrene	12.044	104	293349	55.660	ug/l	100
71) Bromoform	12.209	173	59836	53.091	ug/l #	98
73) Isopropylbenzene	12.331	105	471765	55.456	ug/l	99
74) N-amyl acetate	12.148	43	84571	50.714	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	71543	53.392	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	105169	96.947	ug/l #	100
77) Bromobenzene	12.611	156	109633	53.557	ug/l	91
78) n-propylbenzene	12.672	91	545747	54.823	ug/l	99
79) 2-Chlorotoluene	12.758	91	303886	53.992	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	402412	54.415	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	26781	50.866	ug/l	94
82) 4-Chlorotoluene	12.855	91	316208	53.484	ug/l	98
83) tert-Butylbenzene	13.081	119	356160	55.258	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	397876	54.555	ug/l	99
85) sec-Butylbenzene	13.257	105	507240	55.274	ug/l	98
86) p-Isopropyltoluene	13.373	119	440411	54.929	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	217160	53.339	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	214012	52.709	ug/l	99
89) n-Butylbenzene	13.702	91	381356	54.885	ug/l	98
90) Hexachloroethane	13.965	117	79141	54.677	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	193818	53.353	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13872	50.095	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	122094	52.453	ug/l	99
94) Hexachlorobutadiene	15.117	225	73933	52.755	ug/l	99
95) Naphthalene	15.239	128	235365	51.230	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	105875	52.858	ug/l	99

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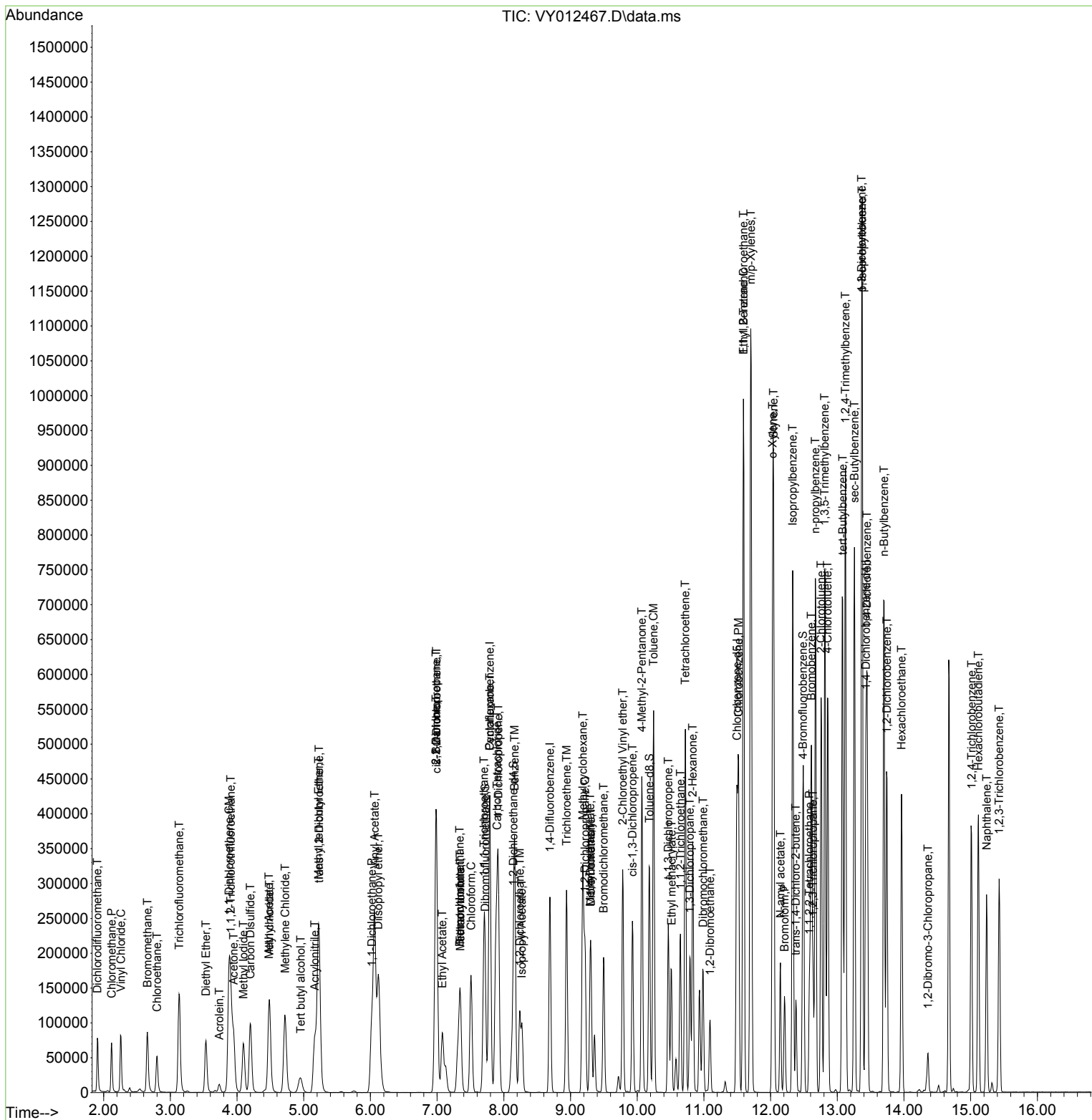
Instrument :
MSVOA_Y
ClientSampleId :

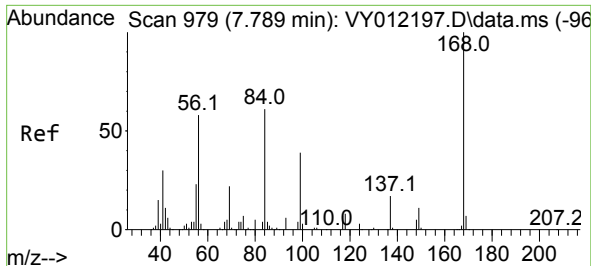
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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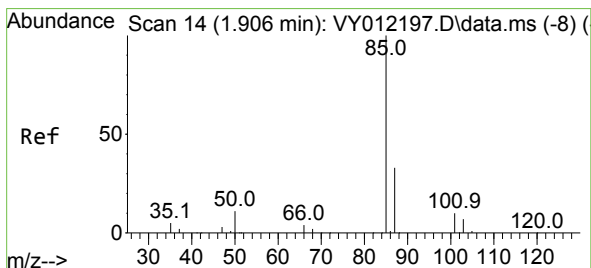
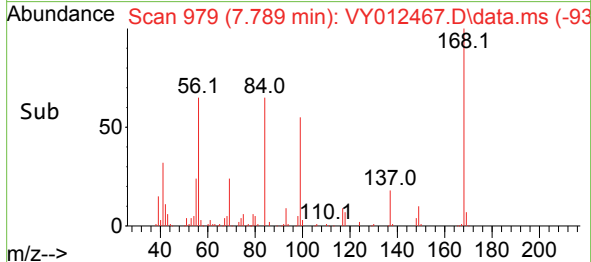
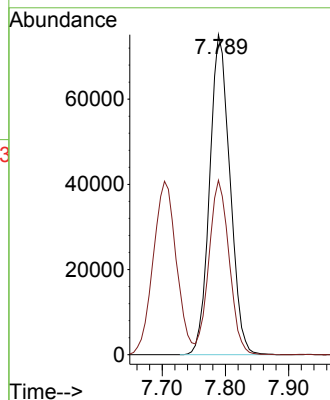
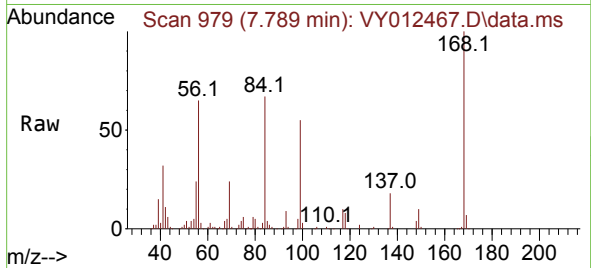




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012467.D
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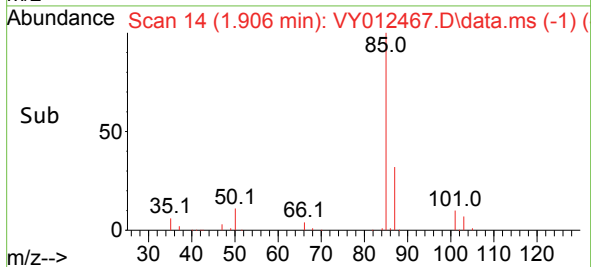
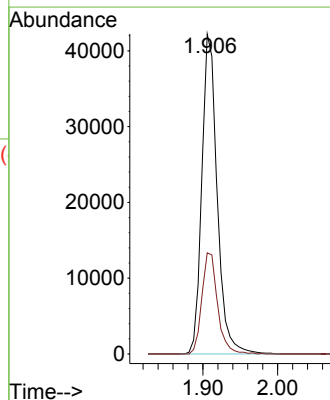
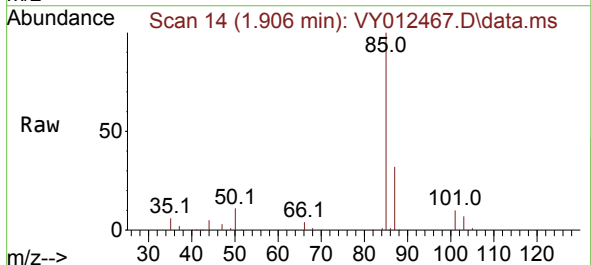
Instrument :
MSVOA_Y
ClientSampleId :

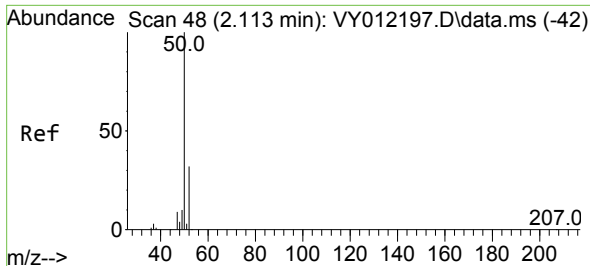
Tgt Ion:168 Resp: 167951
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 41.008 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion: 85 Resp: 60189
Ion Ratio Lower Upper
85 100
87 31.6 16.8 50.4

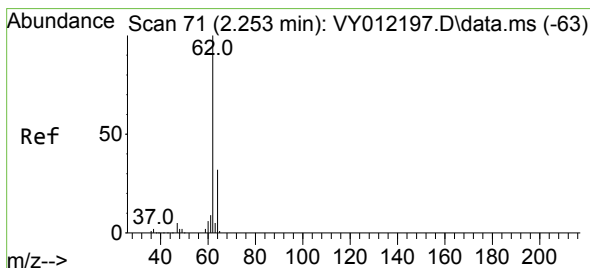
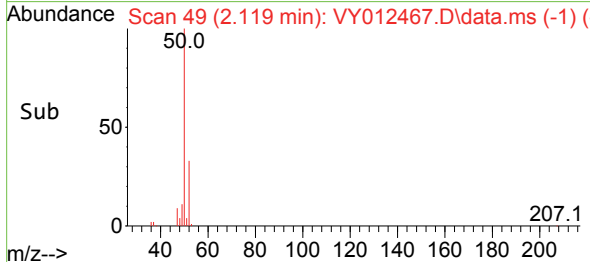
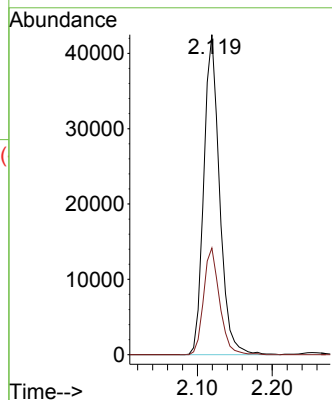
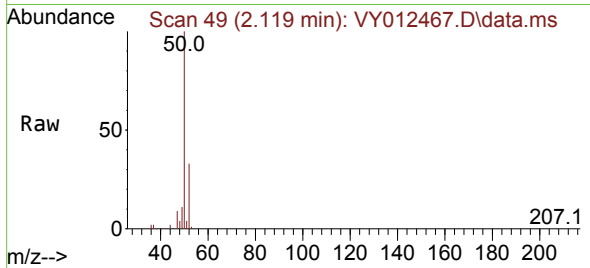




#3
Chloromethane
Concen: 45.945 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

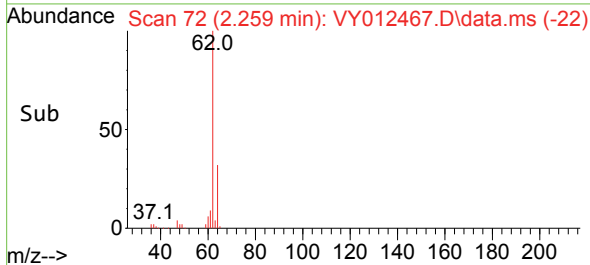
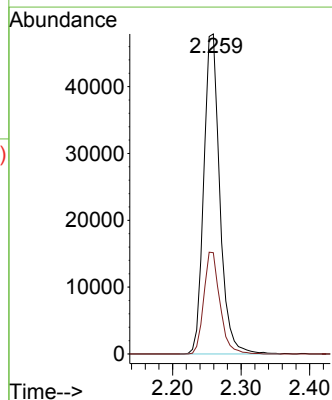
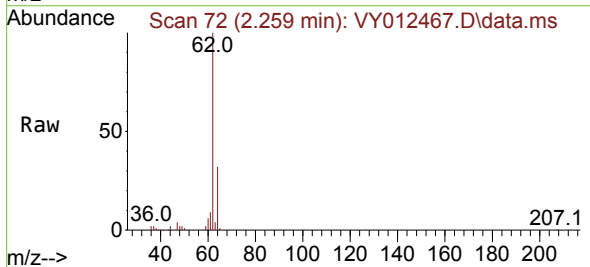
Instrument :
MSVOA_Y
ClientSampleId :

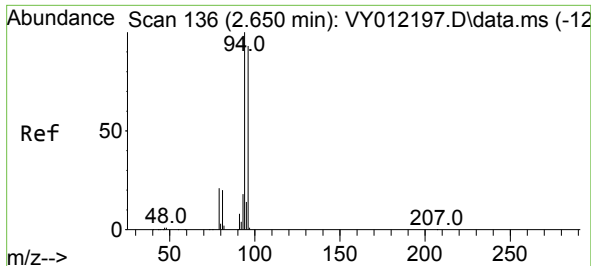
Tgt Ion: 50 Resp: 62253
Ion Ratio Lower Upper
50 100
52 33.4 26.8 40.2



#4
Vinyl Chloride
Concen: 49.361 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion: 62 Resp: 78065
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6





#5

Bromomethane

Concen: 47.961 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

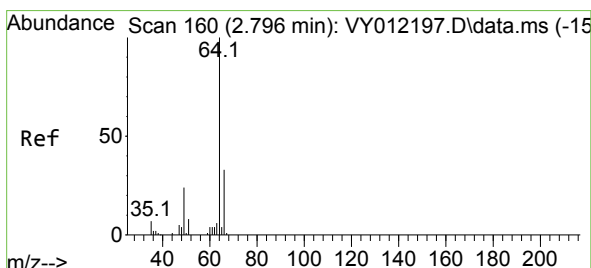
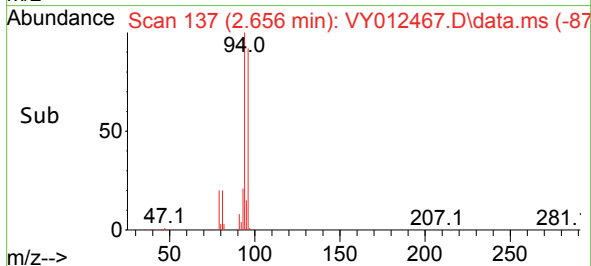
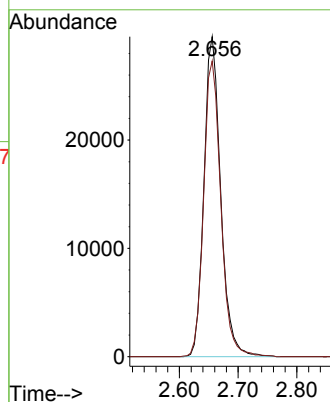
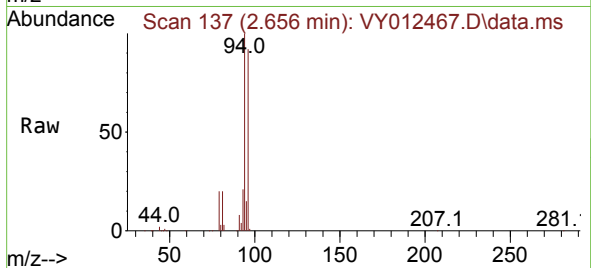
ClientSampleId :

Tgt Ion: 94 Resp: 58643

Ion Ratio Lower Upper

94 100

96 92.4 77.4 116.2



#6

Chloroethane

Concen: 50.339 ug/l

RT: 2.802 min Scan# 161

Delta R.T. 0.006 min

Lab File: VY012467.D

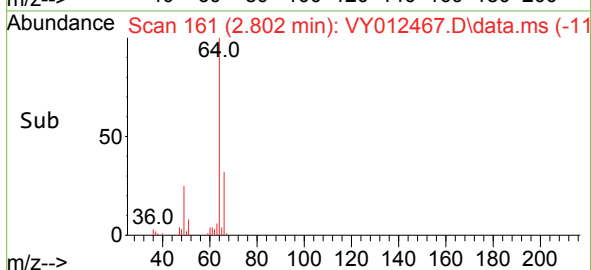
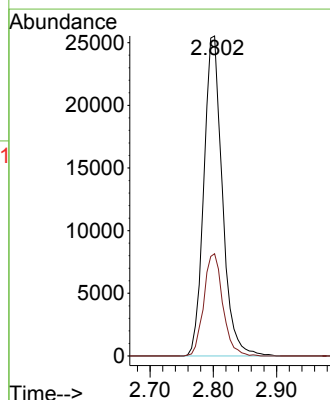
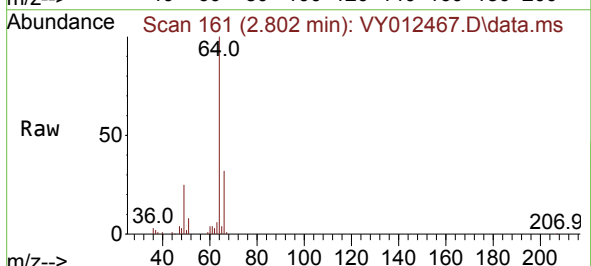
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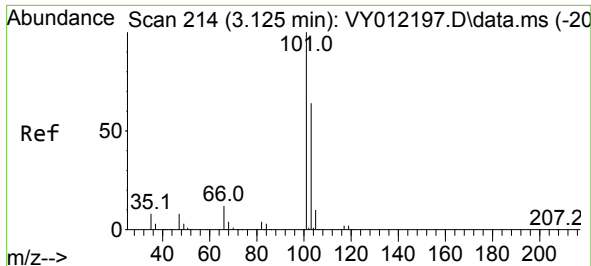
Tgt Ion: 64 Resp: 51921

Ion Ratio Lower Upper

64 100

66 32.0 25.0 37.4

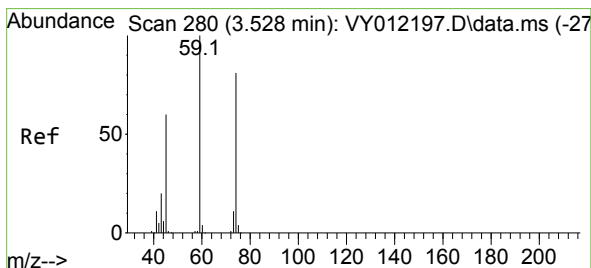
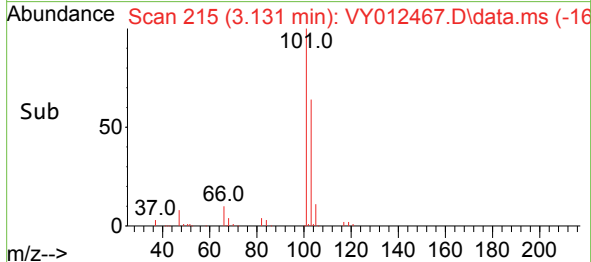
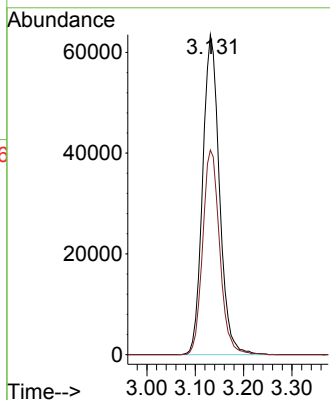
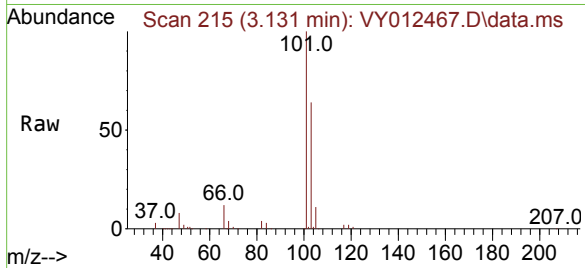




#7
 Trichlorofluoromethane
 Concen: 49.623 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY012467.D
 Acq: 03 Feb 2023 10:17

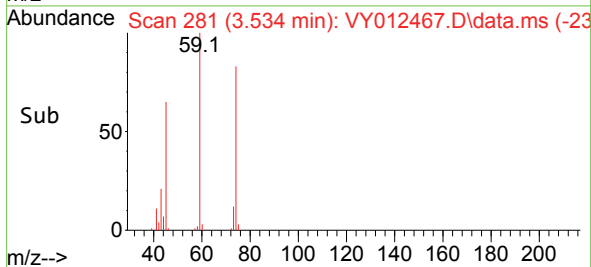
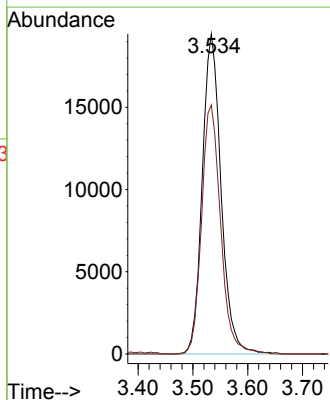
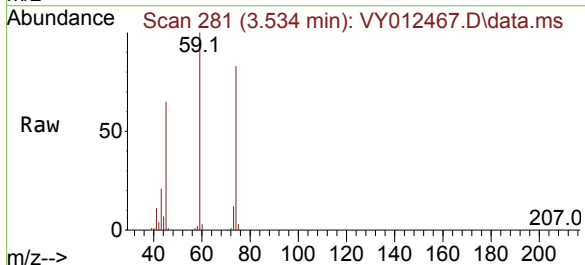
Instrument :
 MSVOA_Y
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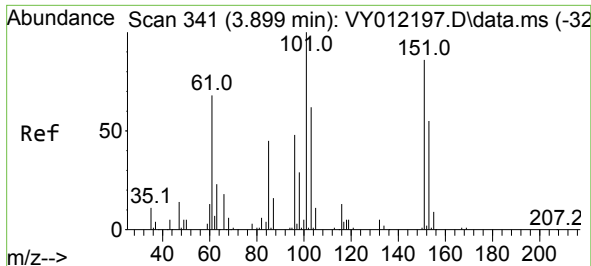
Tgt Ion:101 Resp: 153167
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.6



#8
 Diethyl Ether
 Concen: 50.434 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012467.D
 Acq: 03 Feb 2023 10:17

Tgt Ion: 74 Resp: 46322
 Ion Ratio Lower Upper
 74 100
 45 78.9 46.8 140.3

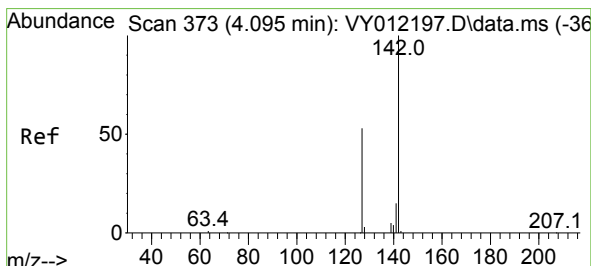
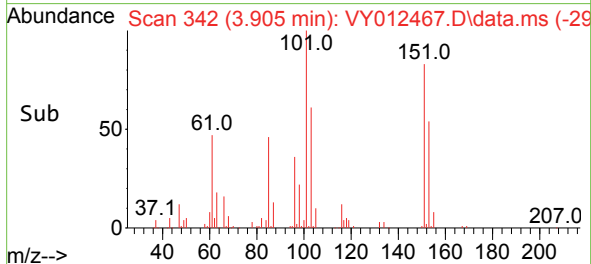
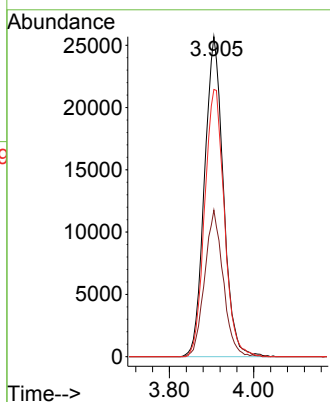
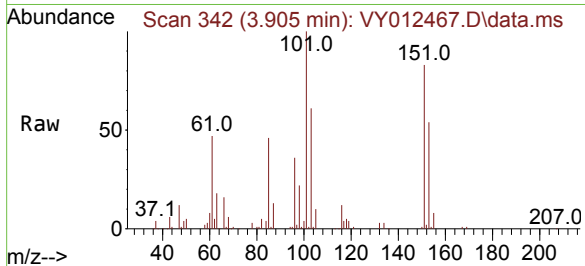




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.231 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.005 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

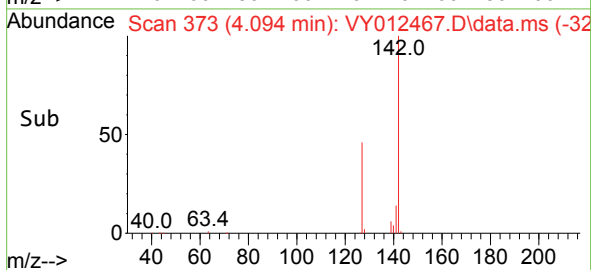
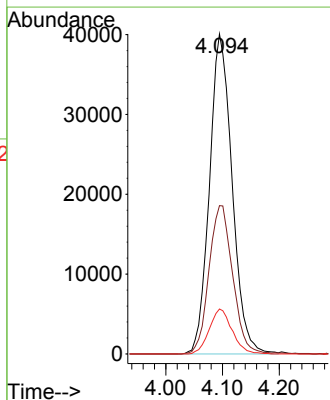
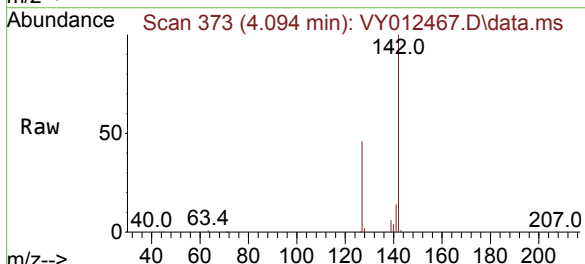
Instrument :
MSVOA_Y
ClientSampleId :

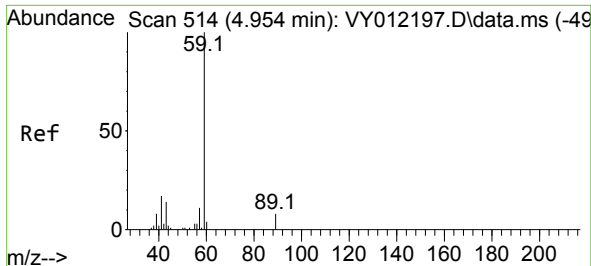
Tgt Ion:101 Resp: 79967
Ion Ratio Lower Upper
101 100
85 45.0 36.2 54.2
151 86.9 64.2 96.2



#10
Methyl Iodide
Concen: 48.768 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion:142 Resp: 111337
Ion Ratio Lower Upper
142 100
127 48.6 37.0 55.4
141 14.2 11.4 17.0

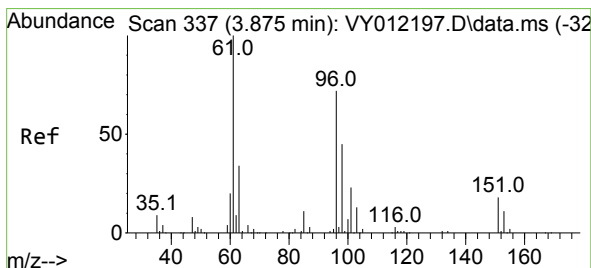
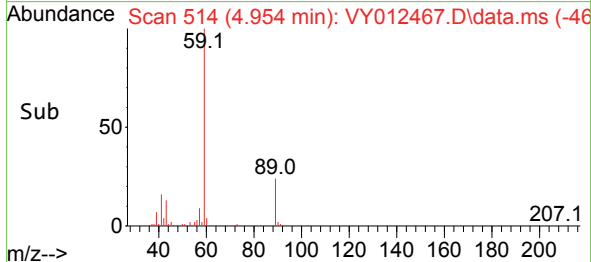
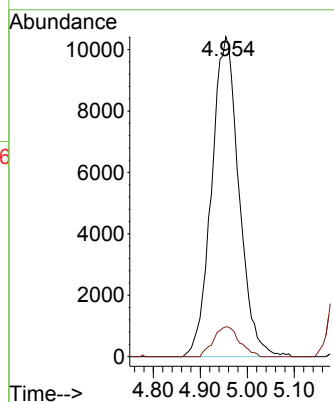
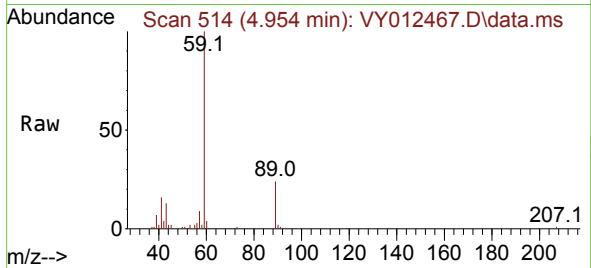




#11
Tert butyl alcohol
Concen: 255.278 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

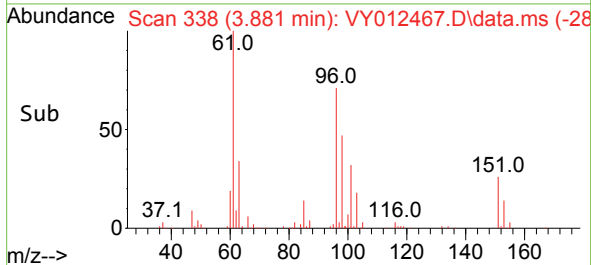
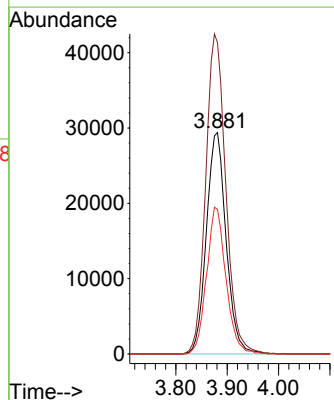
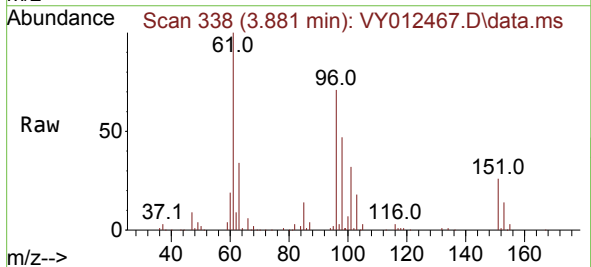
Instrument :
MSVOA_Y
ClientSampleId :

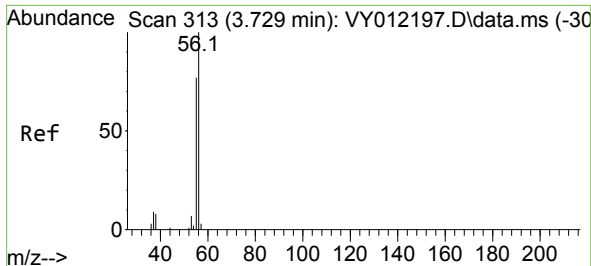
Tgt Ion: 59 Resp: 42130
Ion Ratio Lower Upper
59 100
57 8.9 7.4 11.2



#12
1,1-Dichloroethene
Concen: 50.946 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion: 96 Resp: 78586
Ion Ratio Lower Upper
96 100
61 140.6 122.0 183.0
98 65.4 48.6 73.0





#13

Acrolein

Concen: 225.467 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

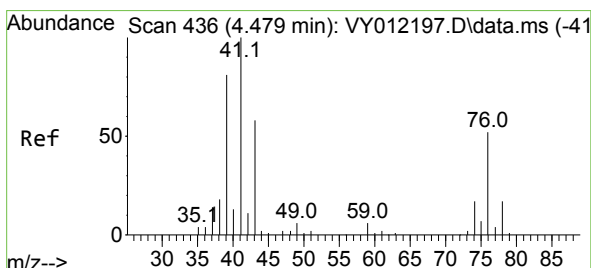
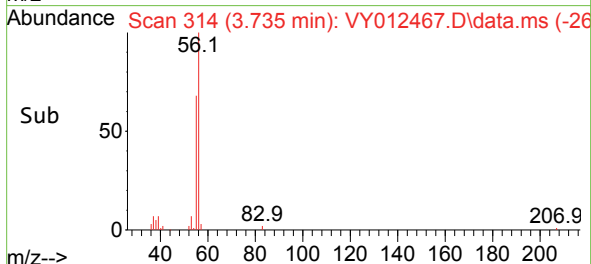
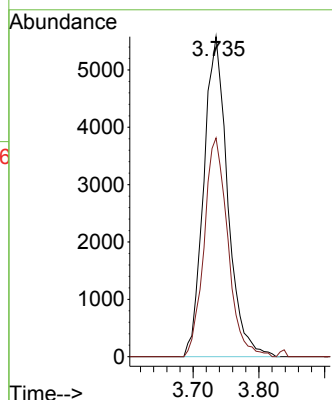
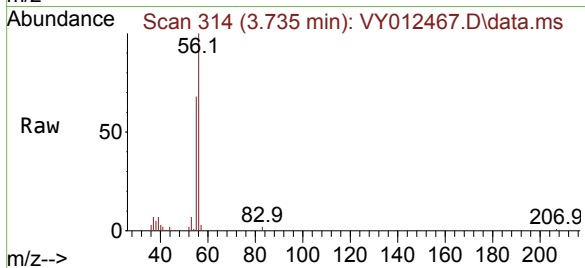
ClientSampleId :

Tgt Ion: 56 Resp: 14116

Ion Ratio Lower Upper

56 100

55 67.8 56.6 85.0



#14

Allyl chloride

Concen: 53.340 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

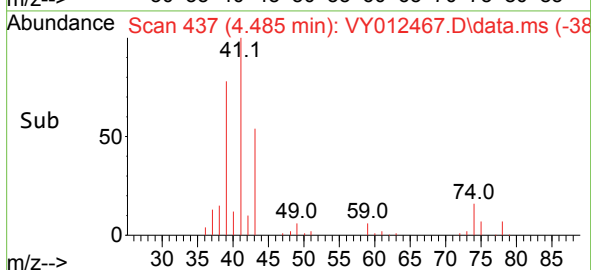
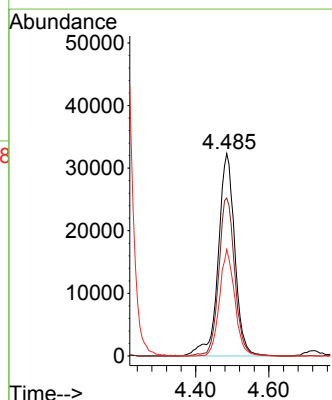
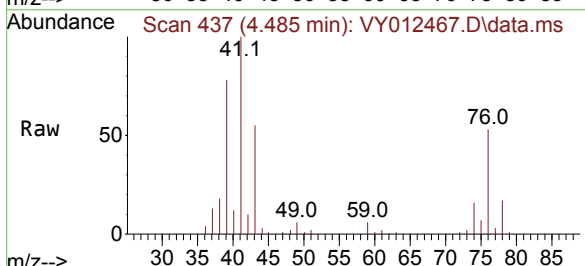
Tgt Ion: 41 Resp: 101735

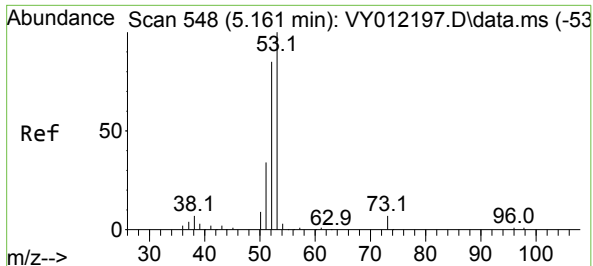
Ion Ratio Lower Upper

41 100

39 75.7 53.5 80.3

76 48.6 31.1 46.7#

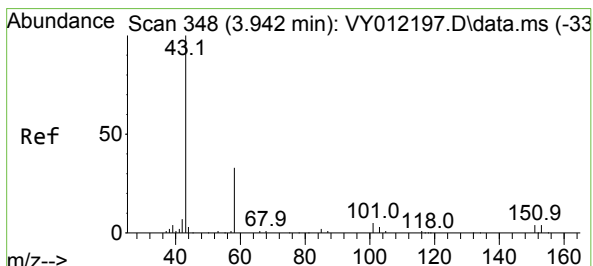
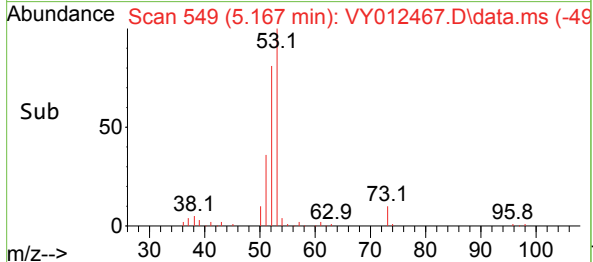
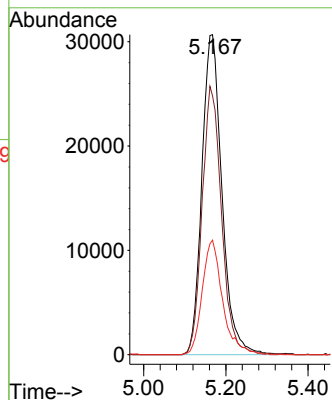
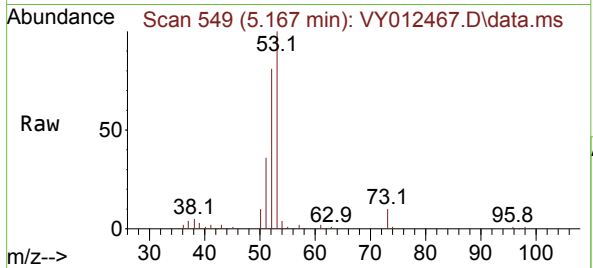




#15
Acrylonitrile
Concen: 259.025 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

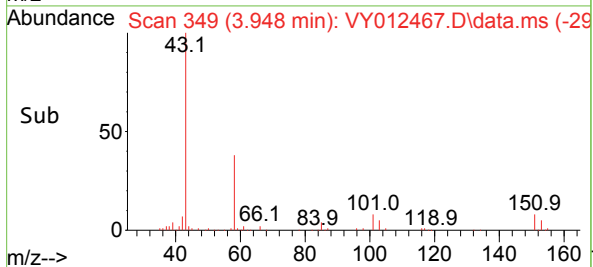
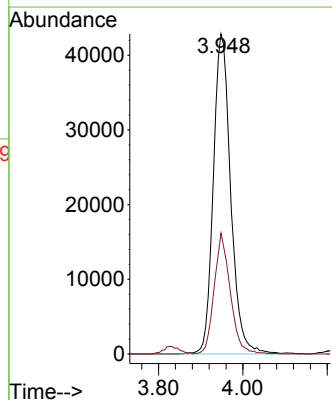
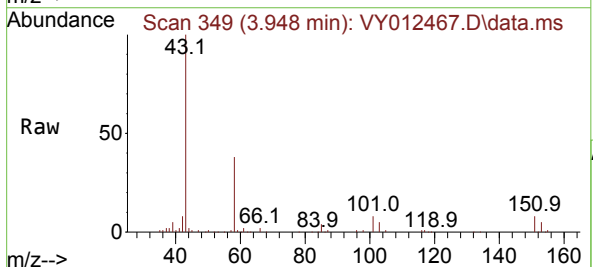
Instrument :
MSVOA_Y
ClientSampleId :

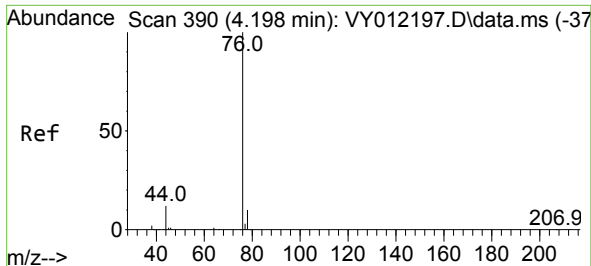
Tgt Ion: 53 Resp: 103917
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 36.4 28.7 43.1



#16
Acetone
Concen: 262.327 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion: 43 Resp: 122682
Ion Ratio Lower Upper
43 100
58 37.7 27.9 41.9

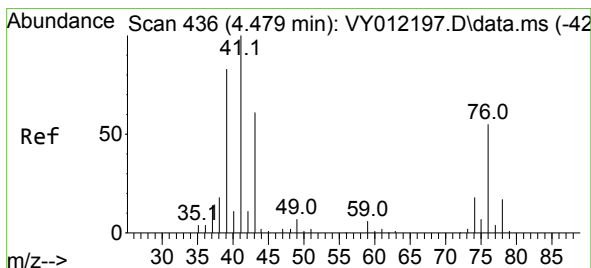
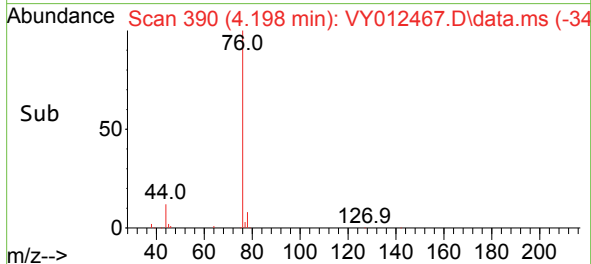
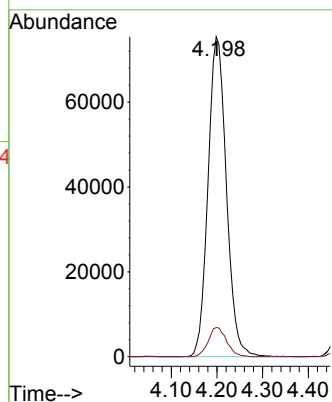
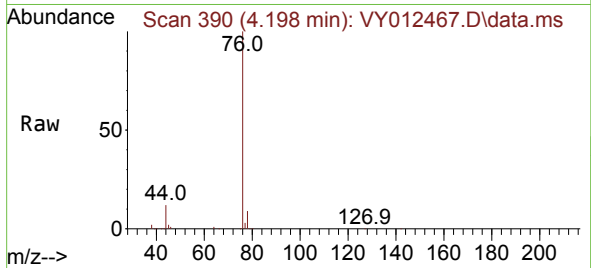




#17
Carbon Disulfide
Concen: 44.064 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

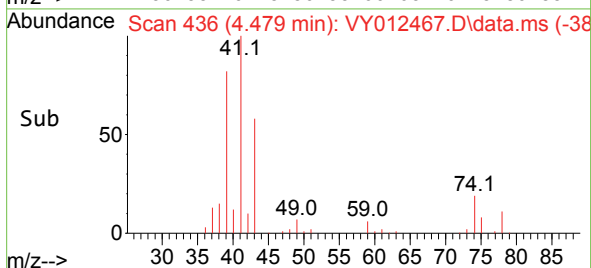
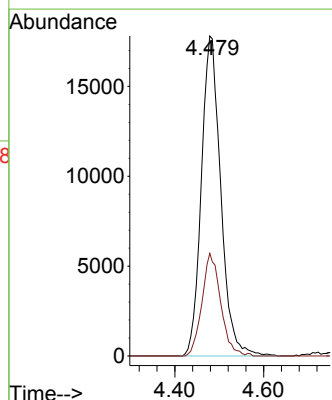
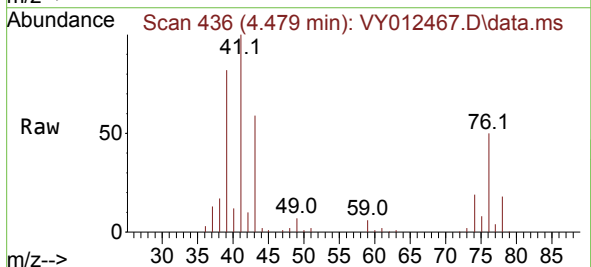
Instrument :
MSVOA_Y
ClientSampleId :

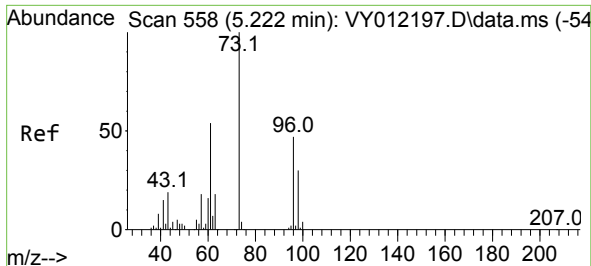
Tgt Ion: 76 Resp: 210239
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 51.667 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

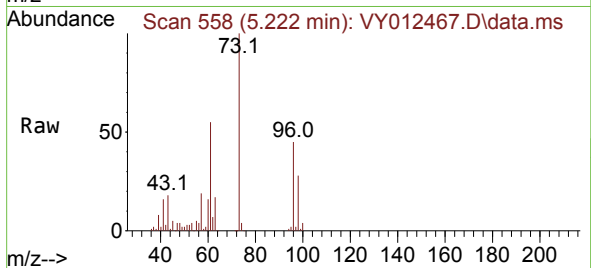
Tgt Ion: 43 Resp: 54069
Ion Ratio Lower Upper
43 100
74 30.7 20.1 30.1#



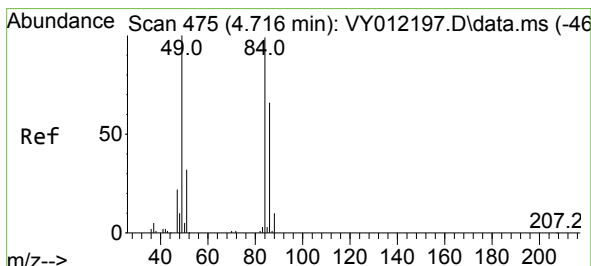
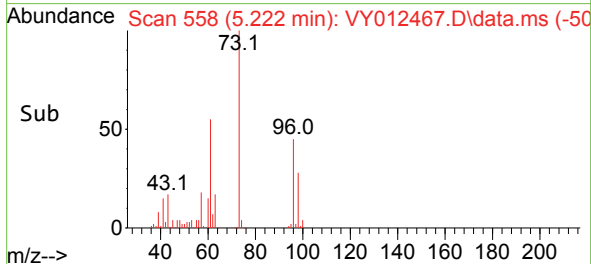
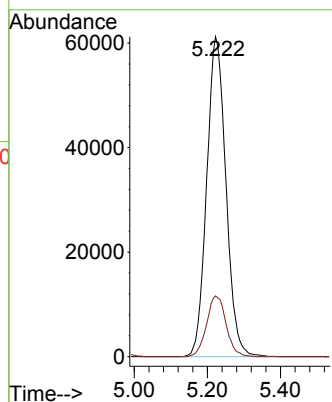


#19
Methyl tert-butyl Ether
Concen: 51.906 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Instrument :
MSVOA_Y
ClientSampleId :

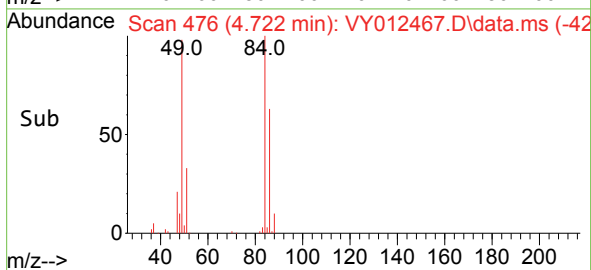
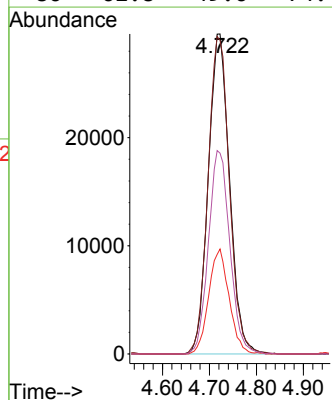
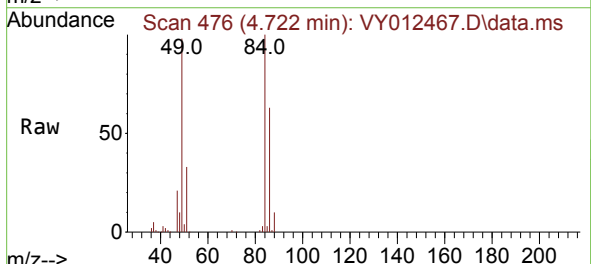


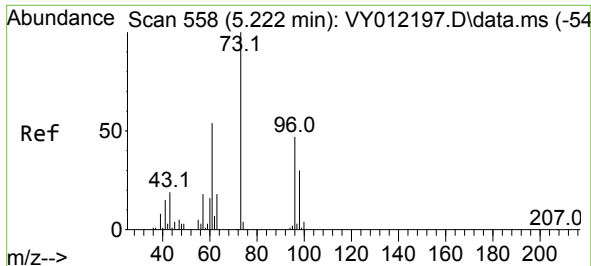
Tgt Ion: 73 Resp: 223196
Ion Ratio Lower Upper
73 100
57 19.0 17.4 26.0



#20
Methylene Chloride
Concen: 46.879 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

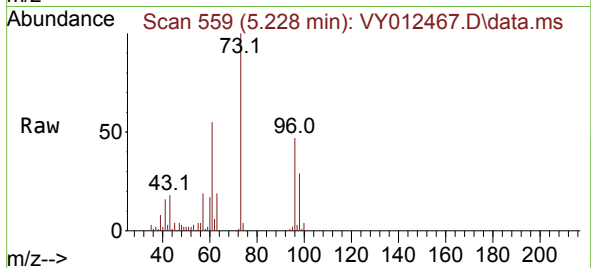
Tgt Ion: 84 Resp: 92780
Ion Ratio Lower Upper
84 100
49 98.0 95.4 143.2
51 32.8 29.9 44.9
86 62.8 49.6 74.4



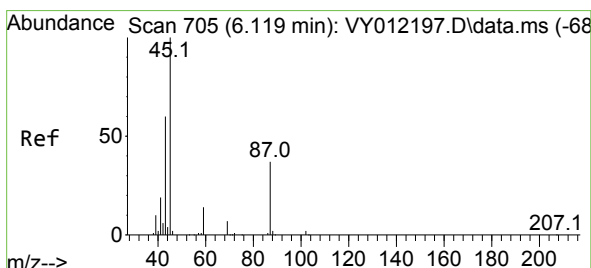
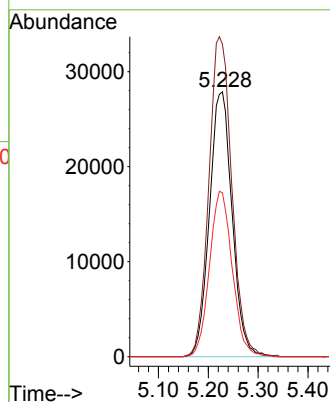
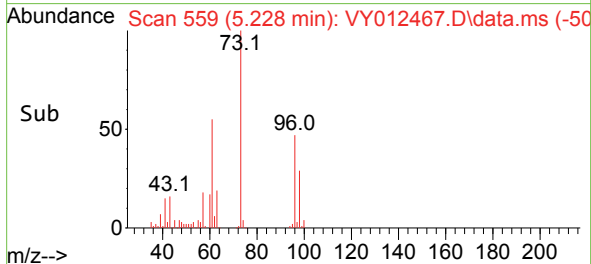


#21
trans-1,2-Dichloroethene
Concen: 51.179 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Instrument :
MSVOA_Y
ClientSampleId :

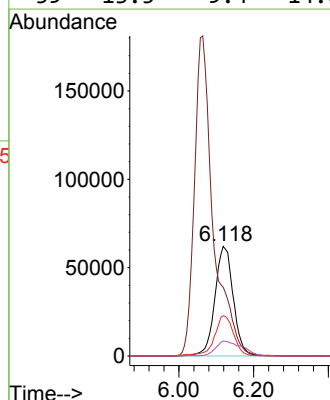
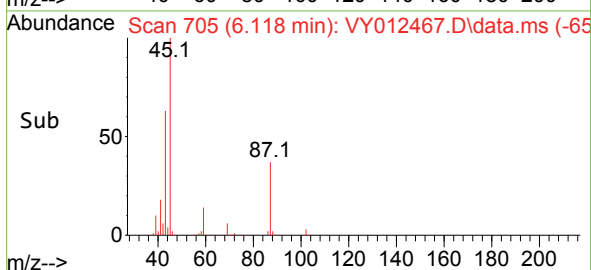
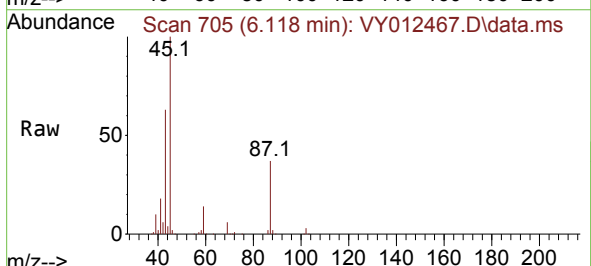


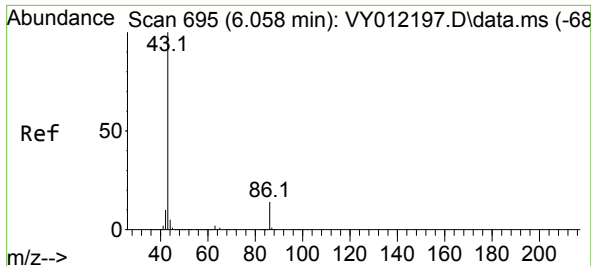
Tgt Ion: 96 Resp: 88095
Ion Ratio Lower Upper
96 100
61 117.9 108.0 162.0
98 61.9 51.6 77.4



#22
Diisopropyl ether
Concen: 55.582 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion: 45 Resp: 211347
Ion Ratio Lower Upper
45 100
43 62.3 45.0 67.4
87 36.7 22.6 33.8#
59 13.5 9.4 14.0





#23

Vinyl Acetate

Concen: 266.715 ug/l

RT: 6.064 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

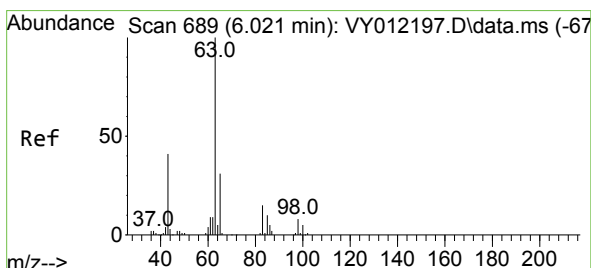
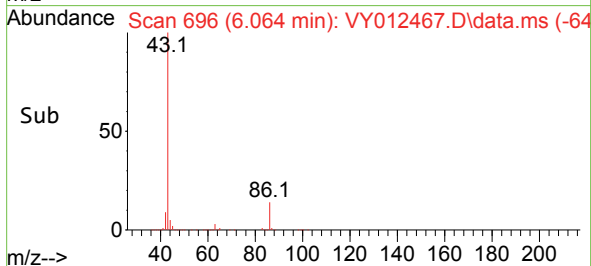
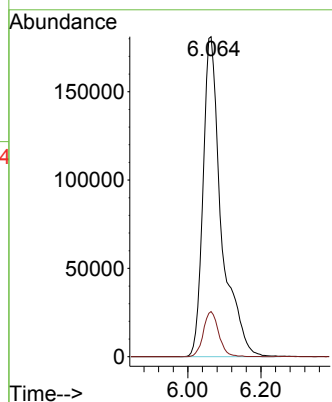
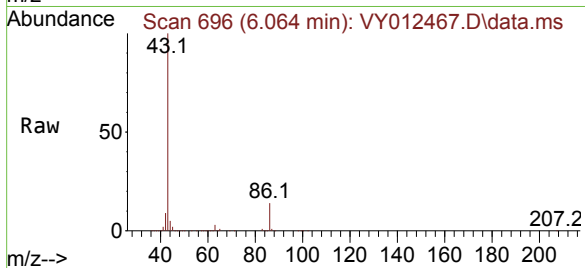
ClientSampleId :

Tgt Ion: 43 Resp: 631960

Ion Ratio Lower Upper

43 100

86 14.1 9.0 13.4#



#24

1,1-Dichloroethane

Concen: 54.357 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

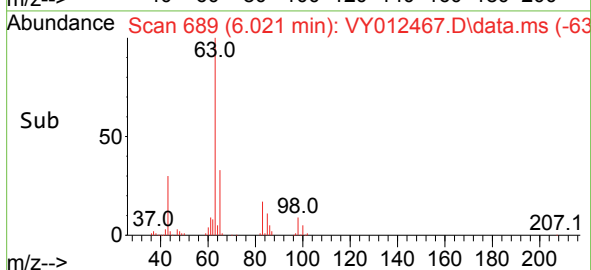
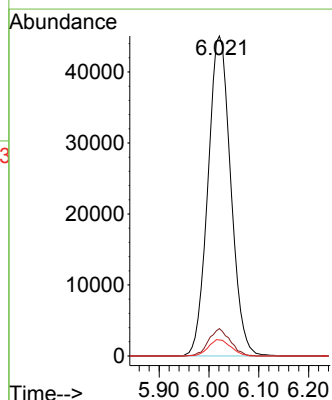
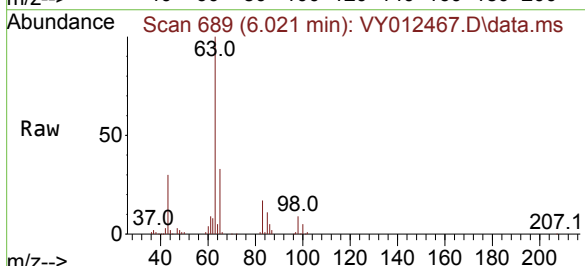
Tgt Ion: 63 Resp: 143363

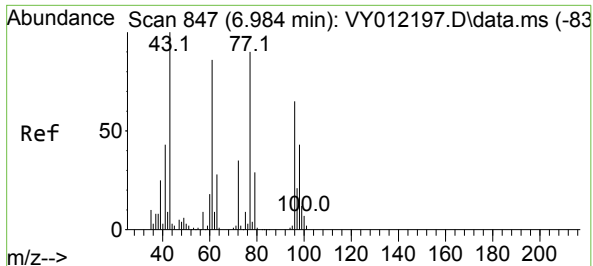
Ion Ratio Lower Upper

63 100

98 8.6 3.5 10.5

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 259.059 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

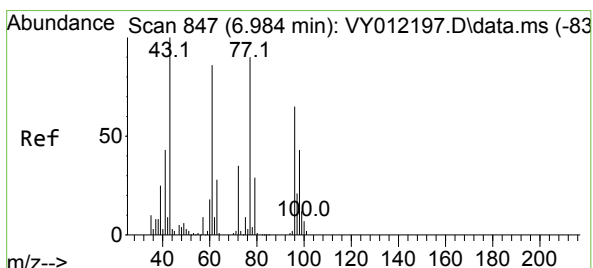
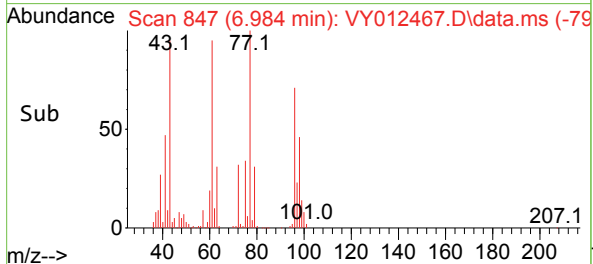
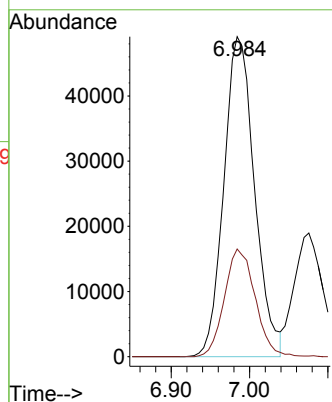
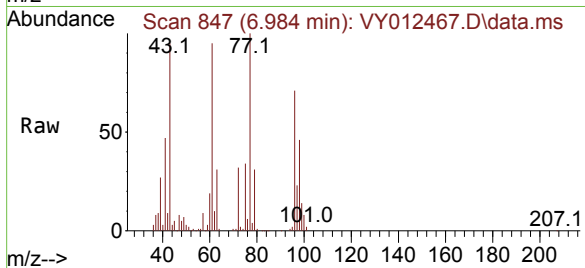
ClientSampleId :

Tgt Ion: 43 Resp: 133752

Ion Ratio Lower Upper

43 100

72 33.7 22.6 34.0



#26

2,2-Dichloropropane

Concen: 53.378 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012467.D

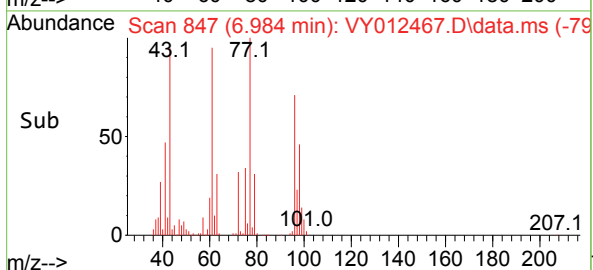
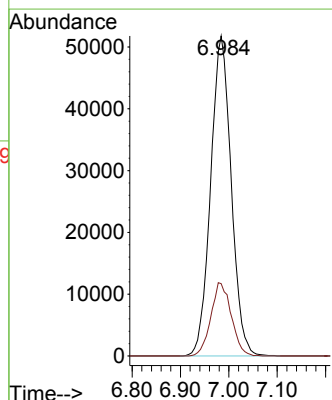
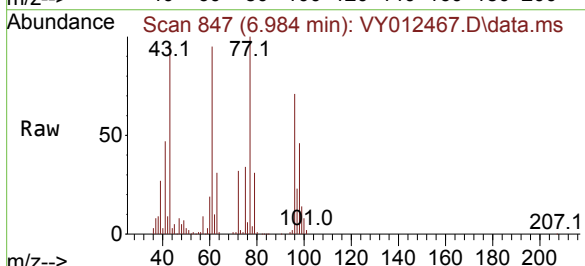
Acq: 03 Feb 2023 10:17

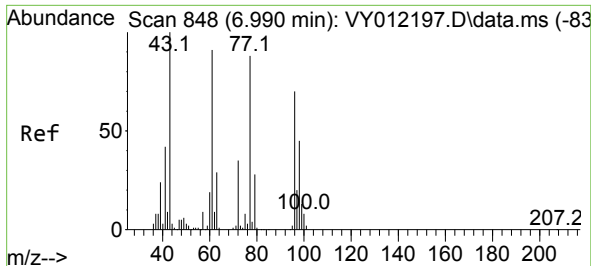
Tgt Ion: 77 Resp: 152827

Ion Ratio Lower Upper

77 100

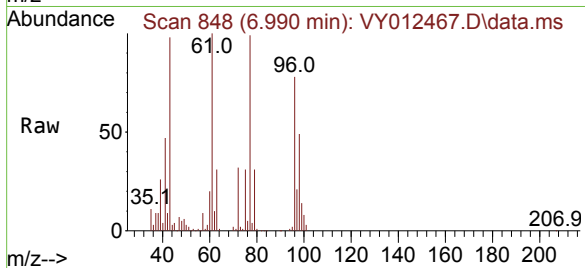
97 22.7 11.4 34.1



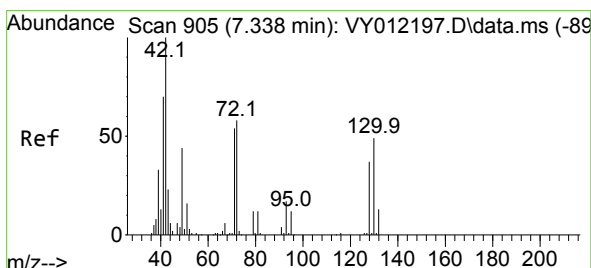
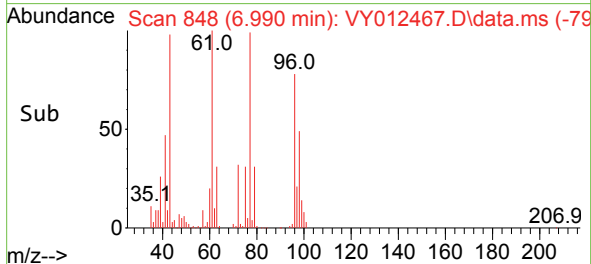
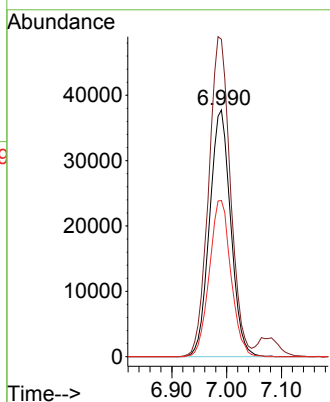


#27
 cis-1,2-Dichloroethene
 Concen: 53.565 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY012467.D
 Acq: 03 Feb 2023 10:17

Instrument :
 MSVOA_Y
 ClientSampleId :

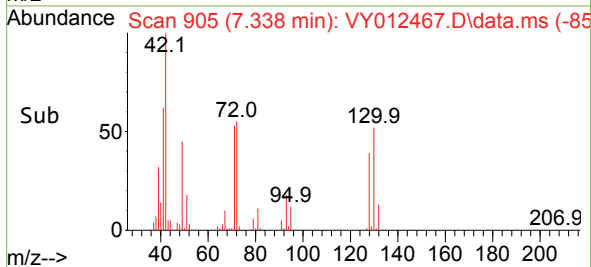
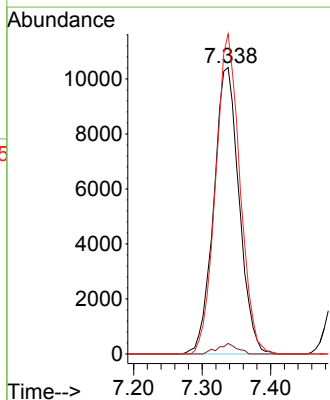
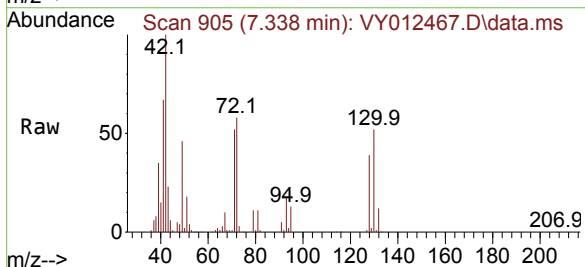


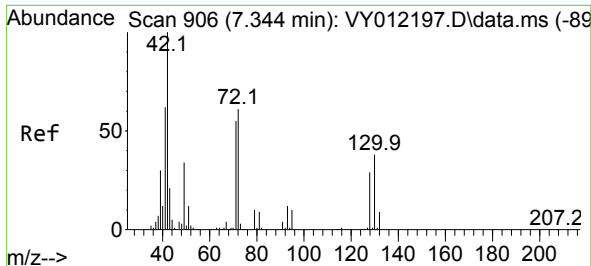
Tgt Ion: 96 Resp: 101279
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 283.4
 98 64.4 0.0 127.6



#28
 Bromochloromethane
 Concen: 46.432 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012467.D
 Acq: 03 Feb 2023 10:17

Tgt Ion: 49 Resp: 26745
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.6
 130 107.0 66.7 100.1#





#29

Tetrahydrofuran

Concen: 254.920 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

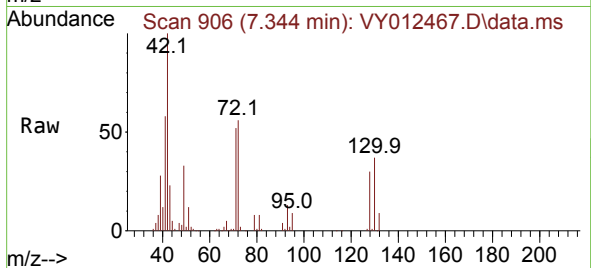
Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

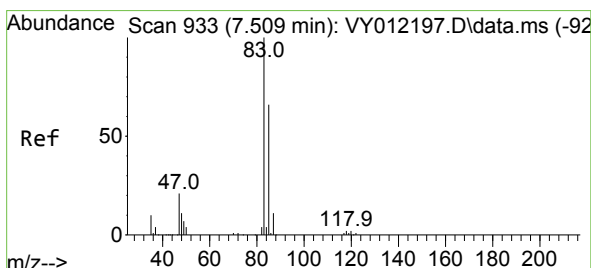
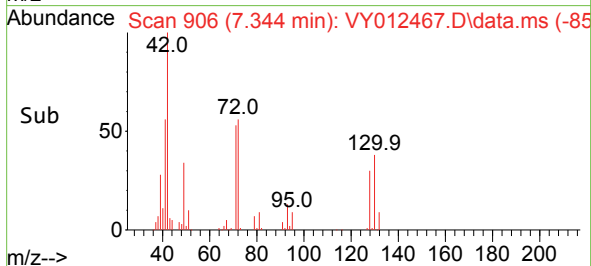
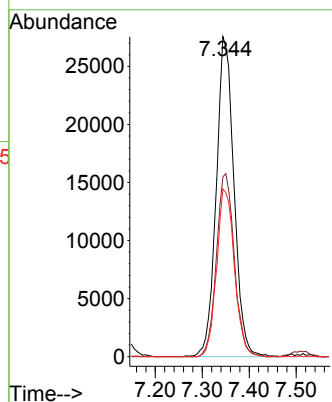
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	72295
Ion	Ratio	Lower	Upper
42	100		
72	57.7	37.0	55.6#
71	52.4	34.9	52.3#



#30

Chloroform

Concen: 52.817 ug/l

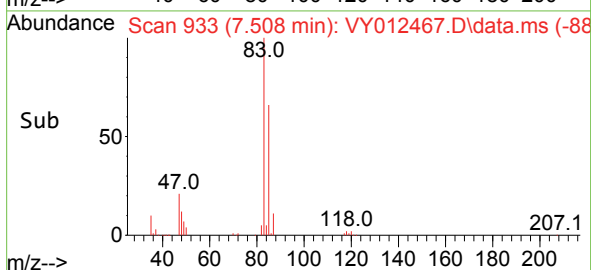
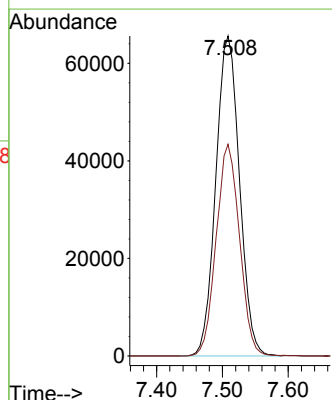
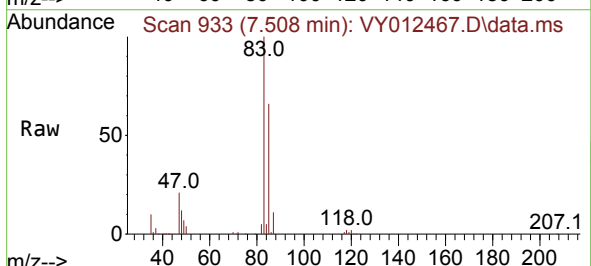
RT: 7.508 min Scan# 933

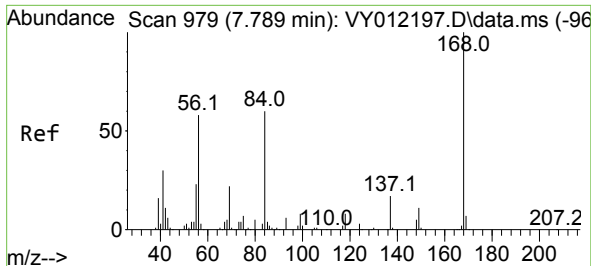
Delta R.T. 0.005 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

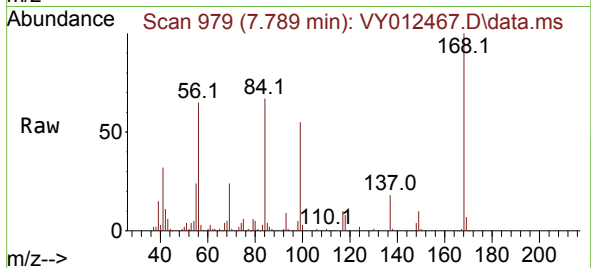
Tgt Ion:	83	Resp:	164437
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.5	77.3



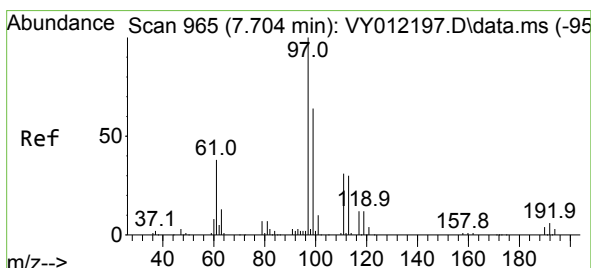
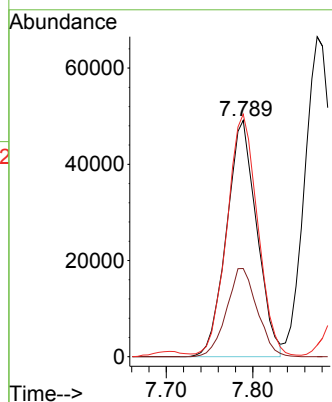
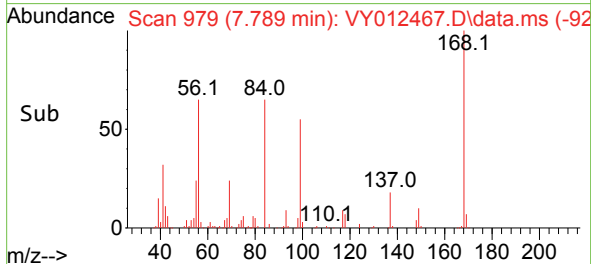


#31
Cyclohexane
Concen: 48.637 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

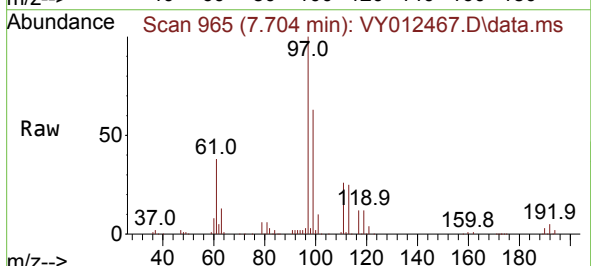
Instrument :
MSVOA_Y
ClientSampleId :



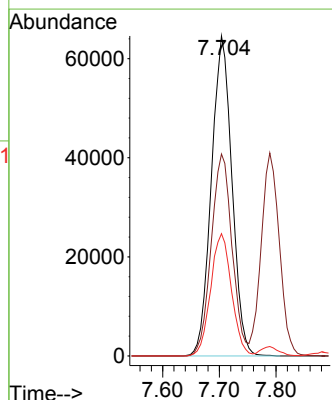
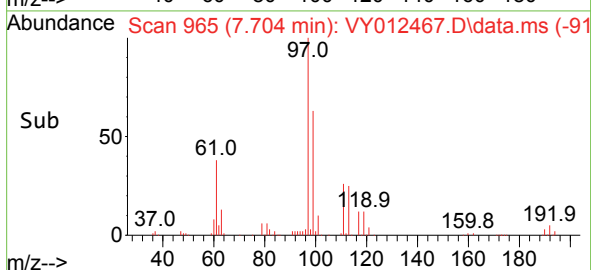
Tgt Ion: 56 Resp: 119100
Ion Ratio Lower Upper
56 100
69 37.3 29.2 43.8
84 101.1 72.6 108.8

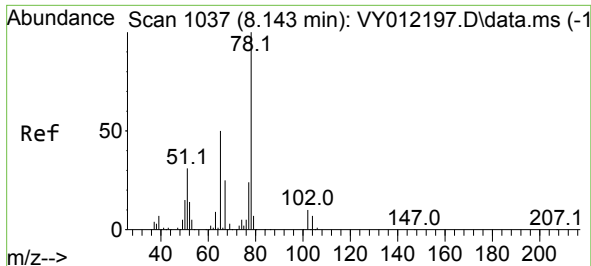


#32
1,1,1-Trichloroethane
Concen: 52.720 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17



Tgt Ion: 97 Resp: 162494
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 38.8 33.0 49.4

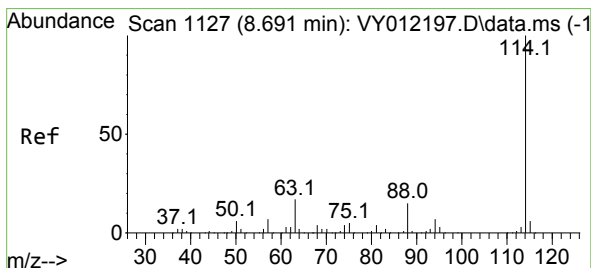
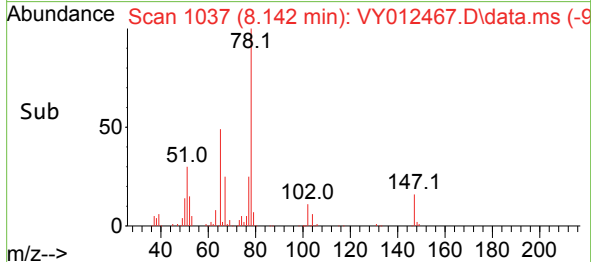
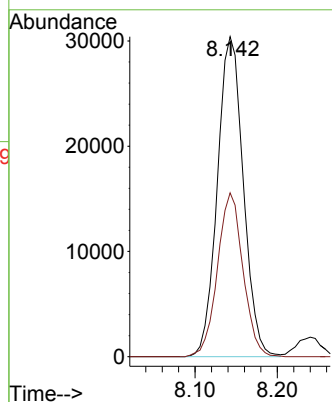
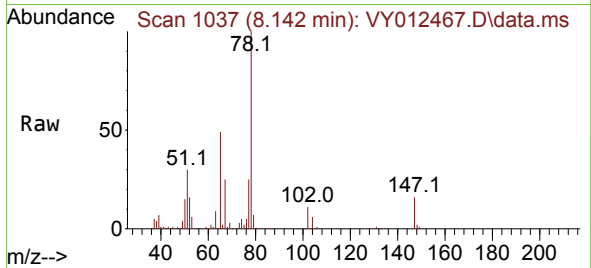




#33
 1,2-Dichloroethane-d4
 Concen: 47.797 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012467.D
 Acq: 03 Feb 2023 10:17

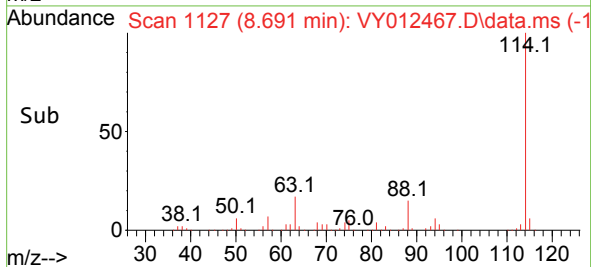
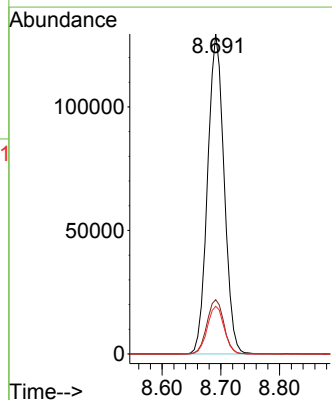
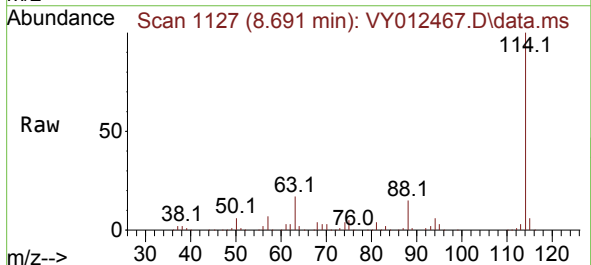
Instrument :
 MSVOA_Y
 ClientSampleId :

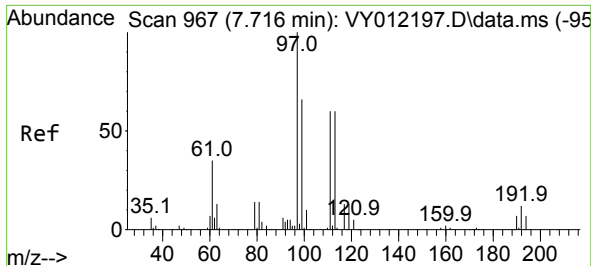
Tgt Ion: 65 Resp: 66780
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012467.D
 Acq: 03 Feb 2023 10:17

Tgt Ion:114 Resp: 252179
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 39.6
 88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.663 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

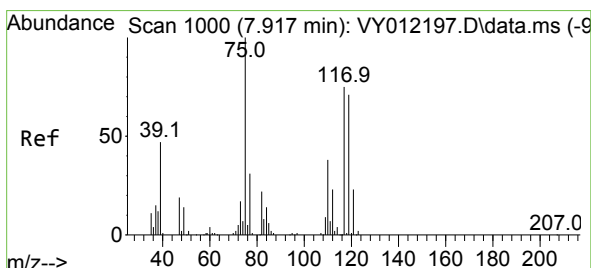
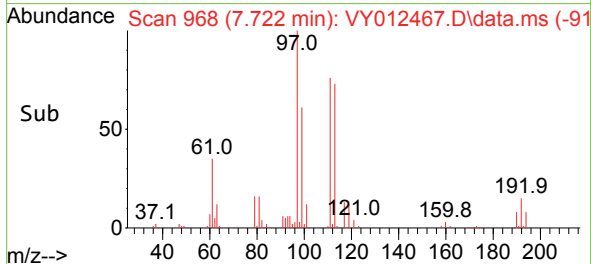
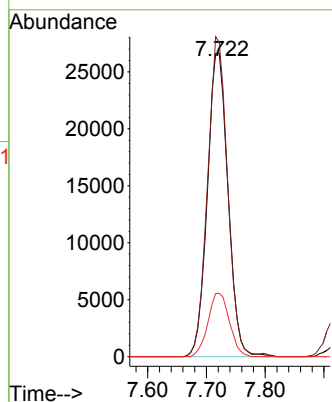
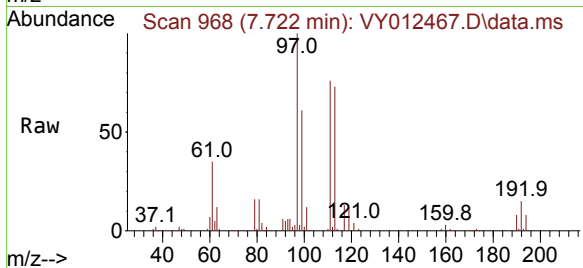
Tgt Ion:113 Resp: 64979

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

192 21.7 16.0 24.0



#36

1,1-Dichloropropene

Concen: 51.864 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

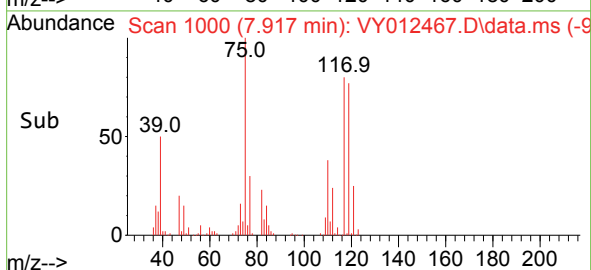
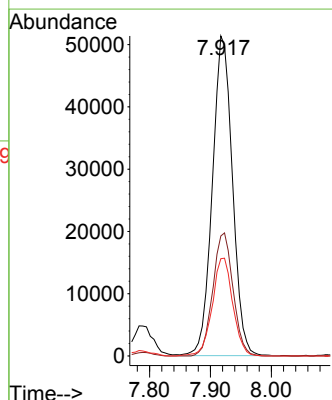
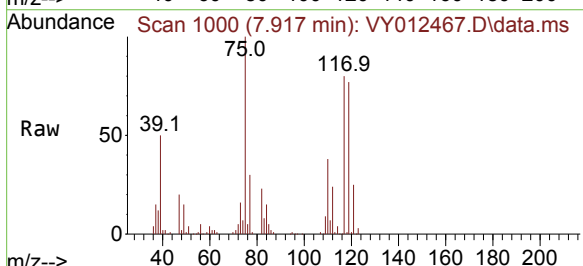
Tgt Ion: 75 Resp: 117698

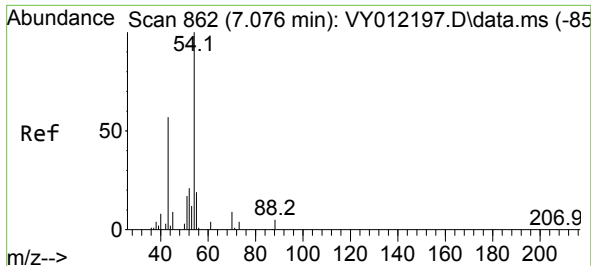
Ion Ratio Lower Upper

75 100

110 38.6 18.1 54.1

77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 49.833 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.000 min

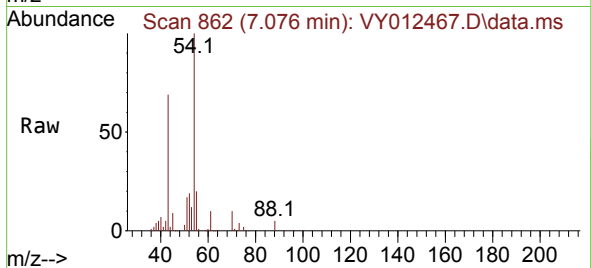
Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

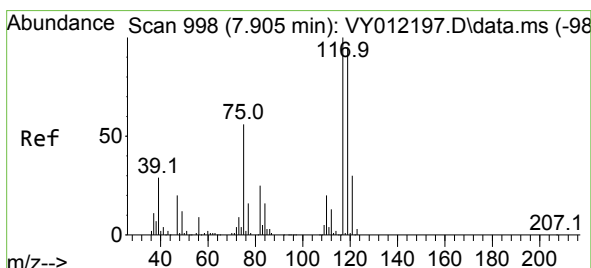
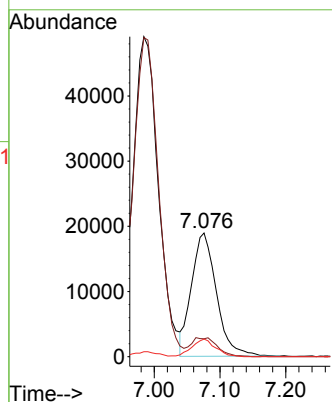
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	49854
Ion	Ratio	Lower	Upper
43	100		
61	16.3	11.3	16.9
70	13.5	8.2	12.4



#38

Carbon Tetrachloride

Concen: 51.856 ug/l

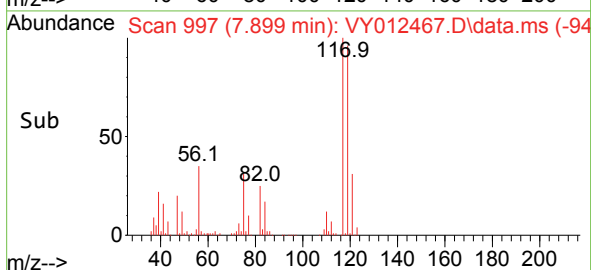
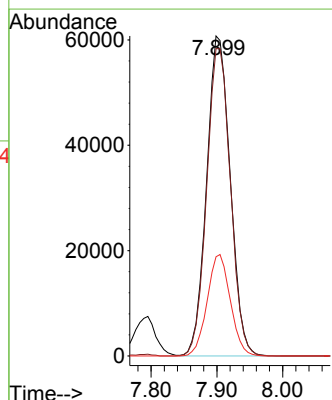
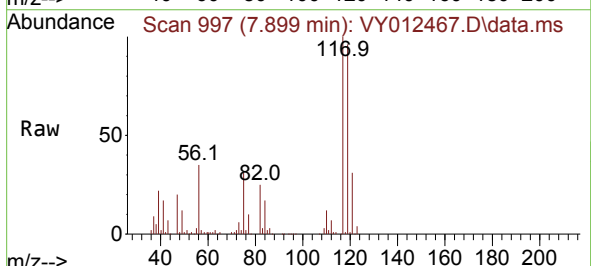
RT: 7.899 min Scan# 997

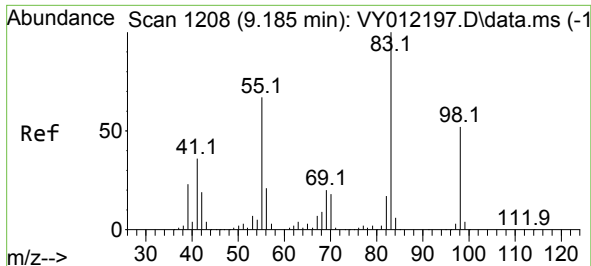
Delta R.T. -0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Tgt Ion:	117	Resp:	151984
Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.8	110.8
121	31.0	25.2	37.8





#39

Methylcyclohexane

Concen: 52.312 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

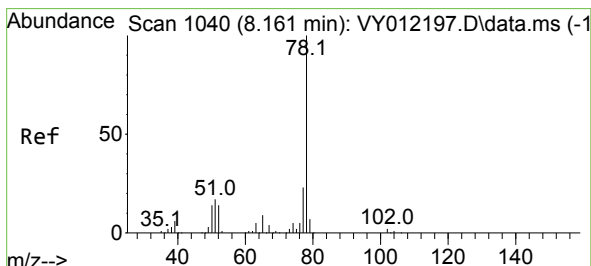
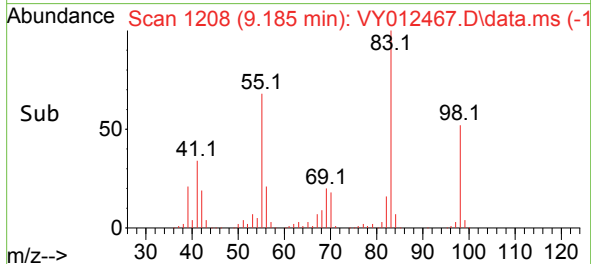
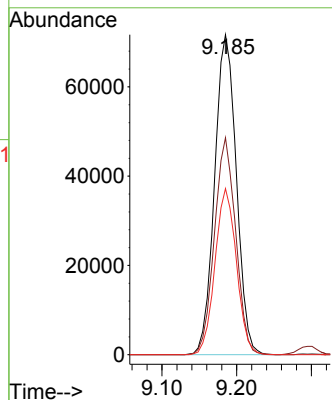
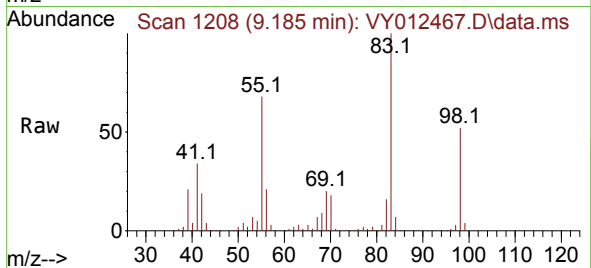
Tgt Ion: 83 Resp: 145076

Ion Ratio Lower Upper

83 100

55 67.8 58.2 87.2

98 51.9 38.6 58.0



#40

Benzene

Concen: 53.395 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012467.D

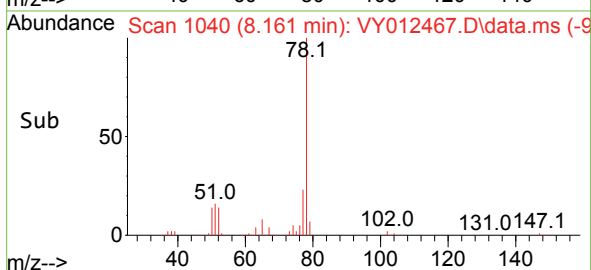
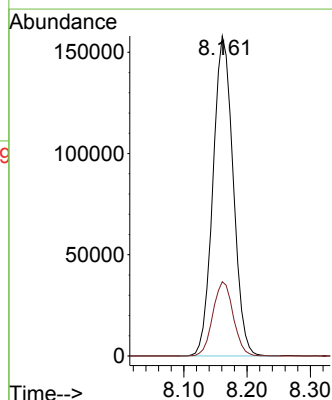
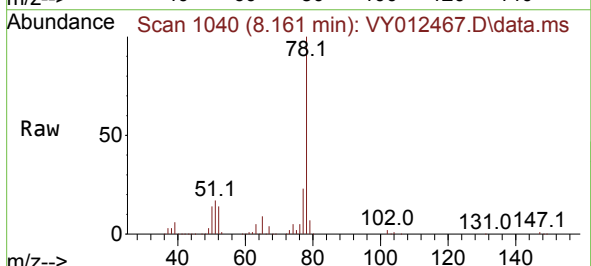
Acq: 03 Feb 2023 10:17

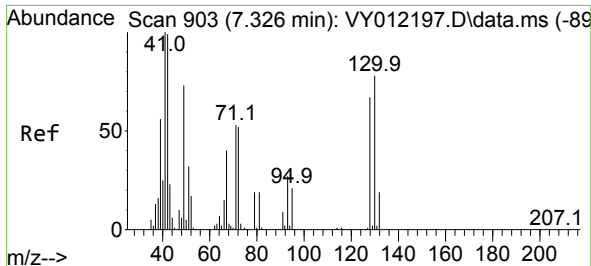
Tgt Ion: 78 Resp: 349730

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8

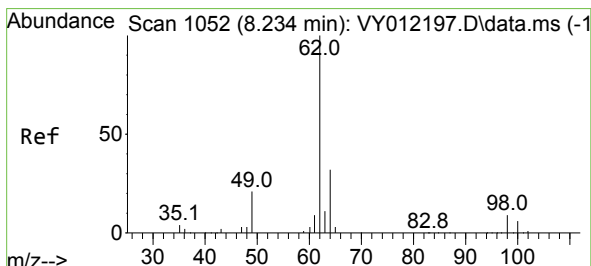
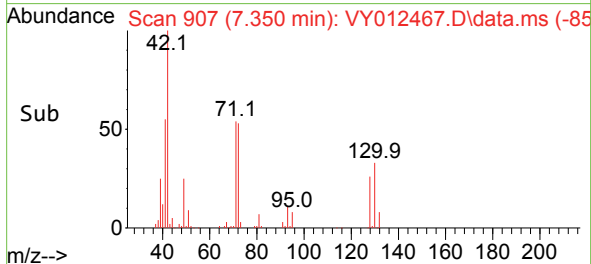
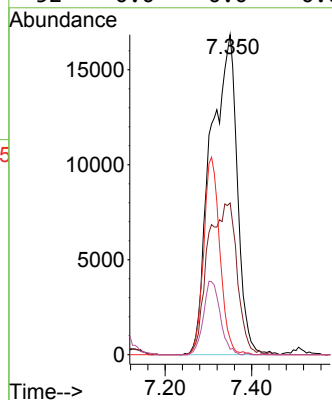
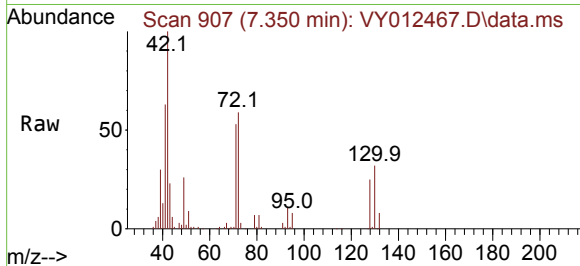




#41
Methacrylonitrile
Concen: 121.527 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.024 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

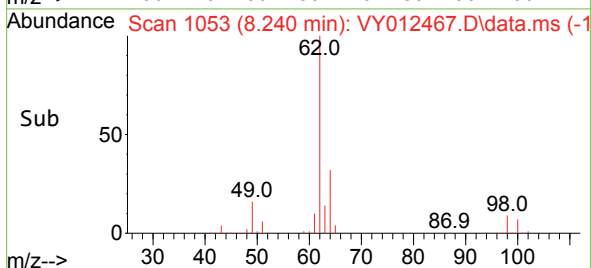
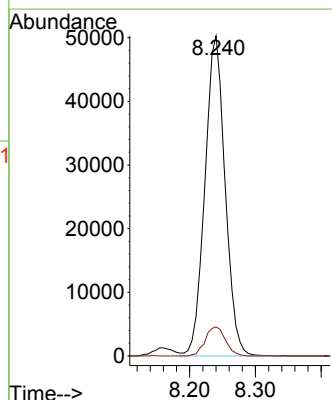
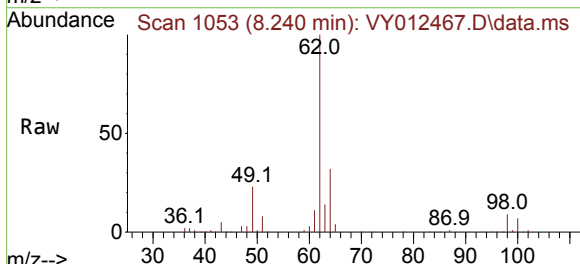
Instrument :
MSVOA_Y
ClientSampleId :

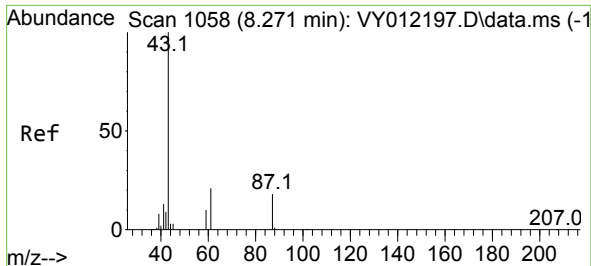
Tgt Ion: 41 Resp: 71463
Ion Ratio Lower Upper
41 100
39 52.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.568 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion: 62 Resp: 107531
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.6

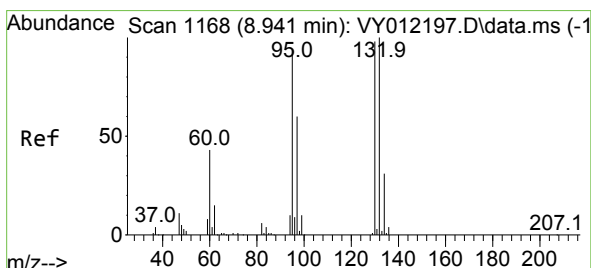
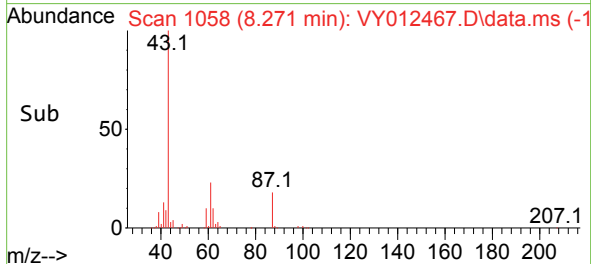
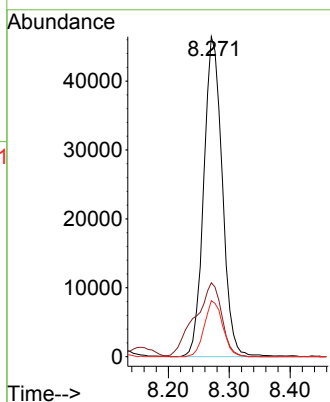
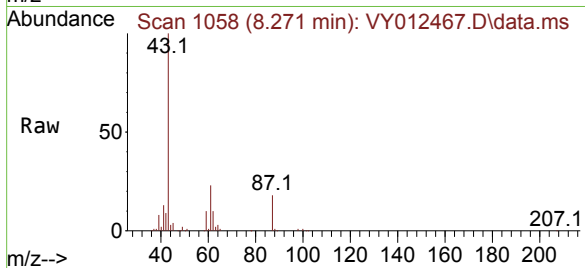




#43
Isopropyl Acetate
Concen: 52.615 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

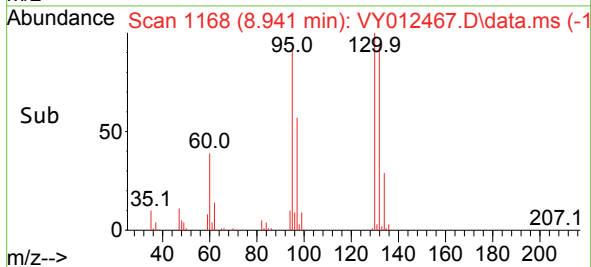
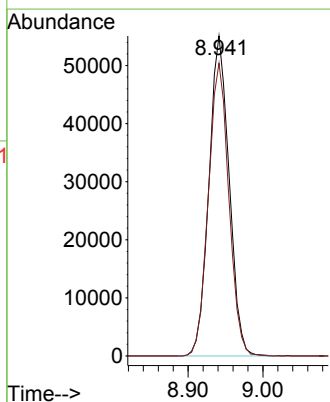
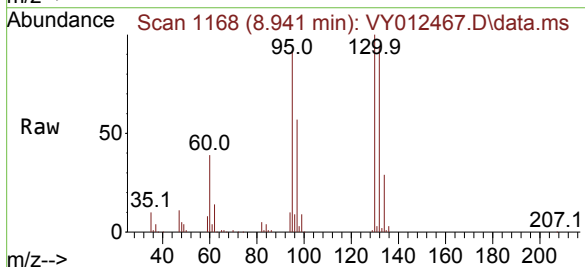
Instrument :
MSVOA_Y
ClientSampleId :

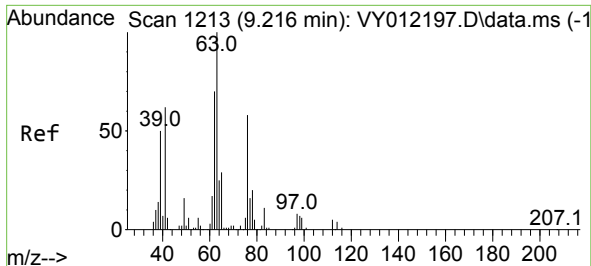
Tgt Ion: 43 Resp: 97930
Ion Ratio Lower Upper
43 100
61 33.3 24.4 36.6
87 17.5 11.4 17.2#



#44
Trichloroethene
Concen: 52.915 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion:130 Resp: 103593
Ion Ratio Lower Upper
130 100
95 91.5 0.0 190.6





#45

1,2-Dichloropropane

Concen: 54.634 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

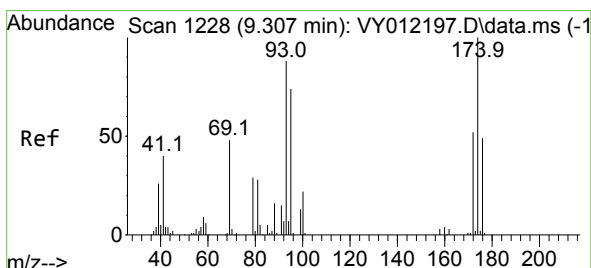
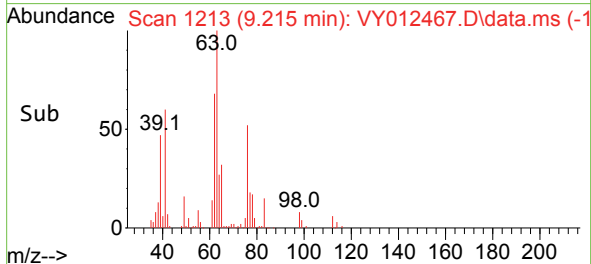
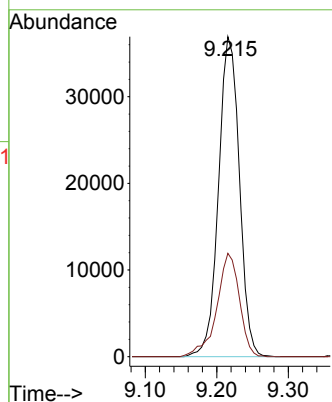
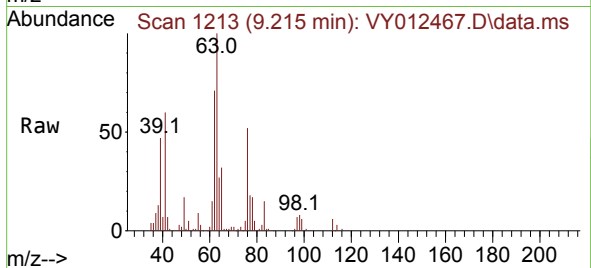
ClientSampleId :

Tgt Ion: 63 Resp: 74670

Ion Ratio Lower Upper

63 100

65 32.3 24.9 37.3



#46

Dibromomethane

Concen: 52.629 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

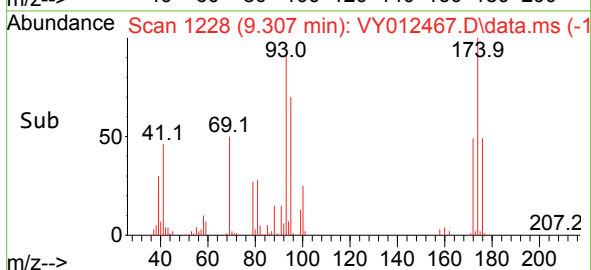
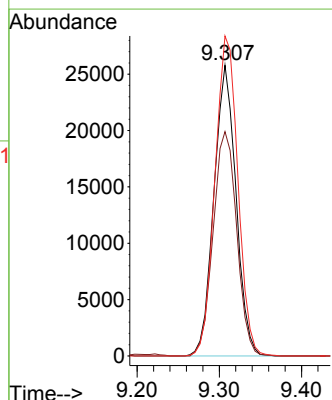
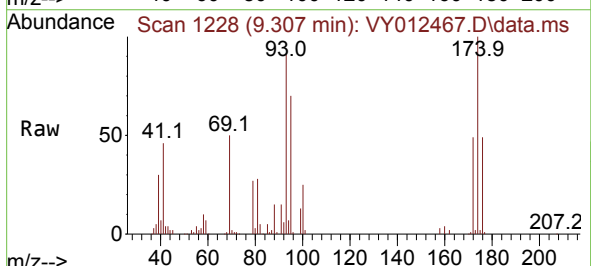
Tgt Ion: 93 Resp: 48153

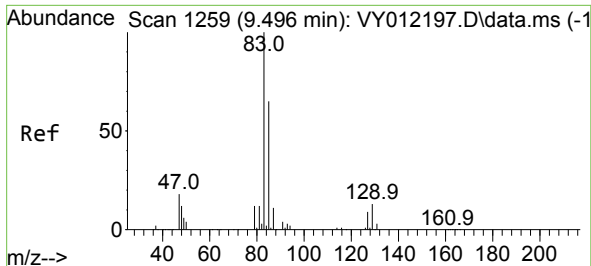
Ion Ratio Lower Upper

93 100

95 82.3 66.1 99.1

174 114.3 84.7 127.1

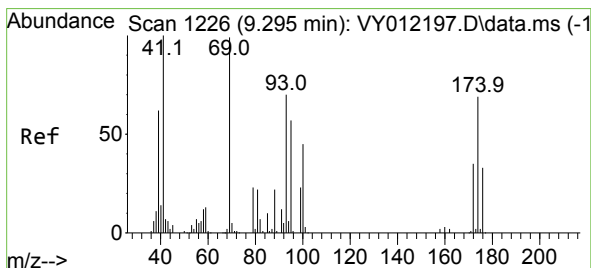
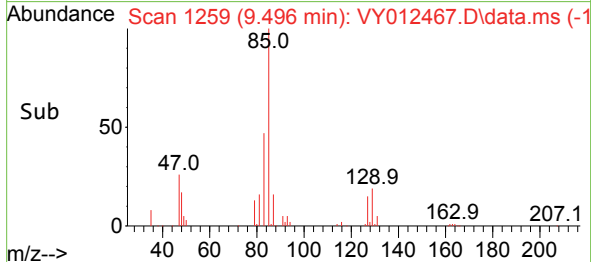
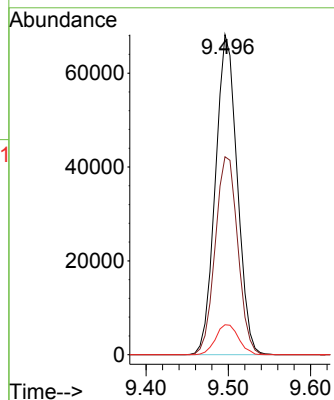
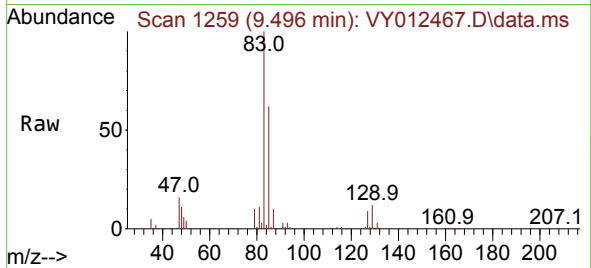




#47
Bromodichloromethane
Concen: 54.532 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

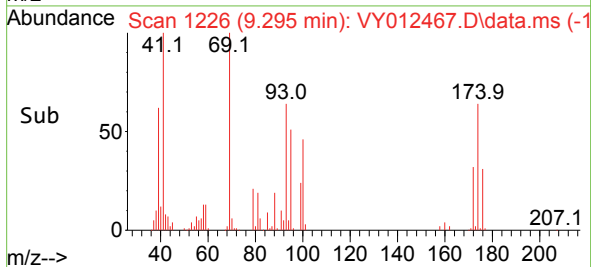
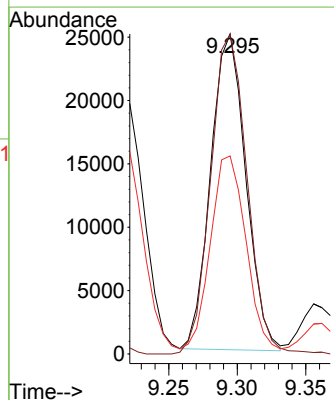
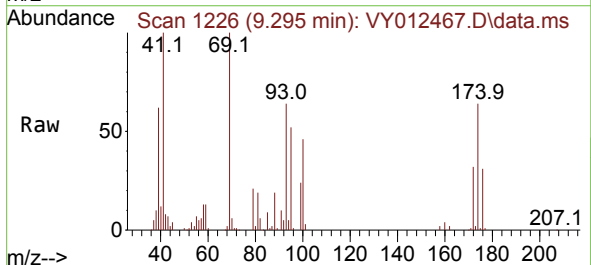
Instrument :
MSVOA_Y
ClientSampleId :

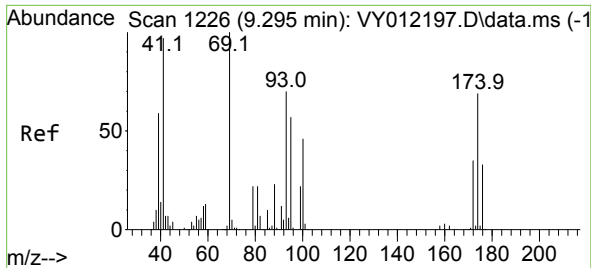
Tgt Ion: 83 Resp: 125596
Ion Ratio Lower Upper
83 100
85 61.9 52.0 78.0
127 9.4 7.3 10.9



#48
Methyl methacrylate
Concen: 51.854 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

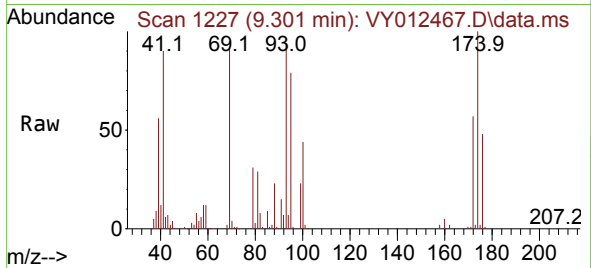
Tgt Ion: 41 Resp: 44470
Ion Ratio Lower Upper
41 100
69 104.7 74.2 111.2
39 64.4 46.3 69.5



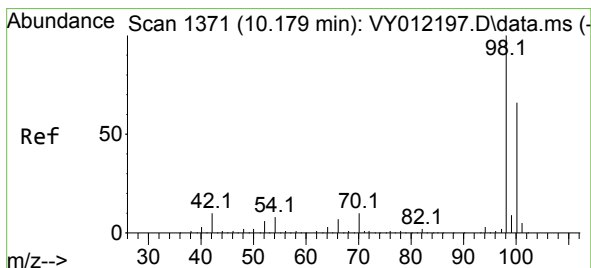
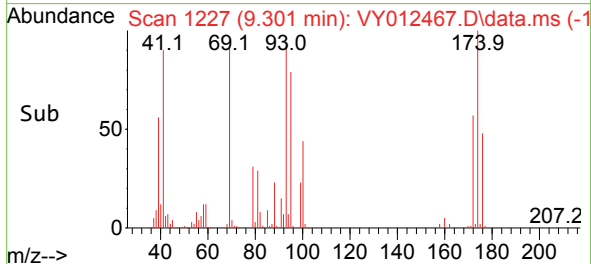
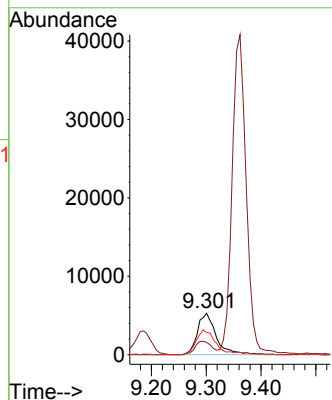


#49
1,4-Dioxane
Concen: 1013.925 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Instrument :
MSVOA_Y
ClientSampleId :

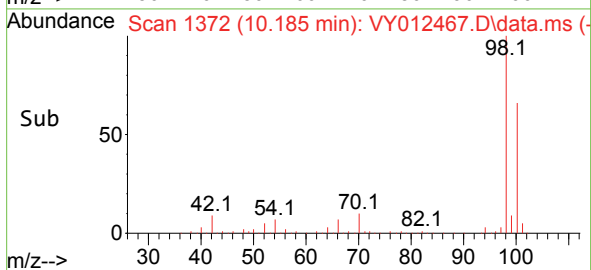
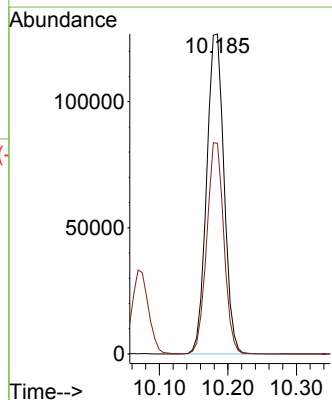
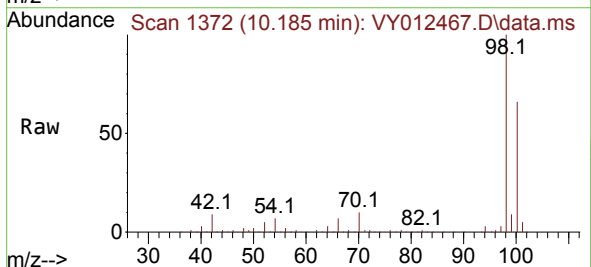


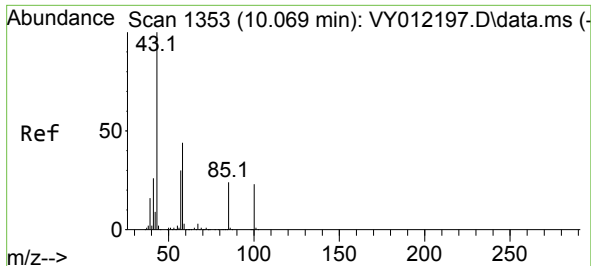
Tgt Ion: 88 Resp: 12641
Ion Ratio Lower Upper
88 100
43 29.0 26.2 39.2
58 63.9 54.3 81.5



#50
Toluene-d8
Concen: 48.100 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

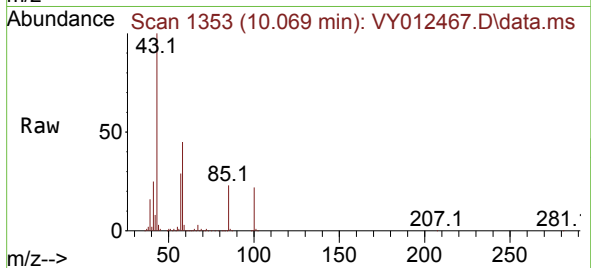
Tgt Ion: 98 Resp: 223299
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



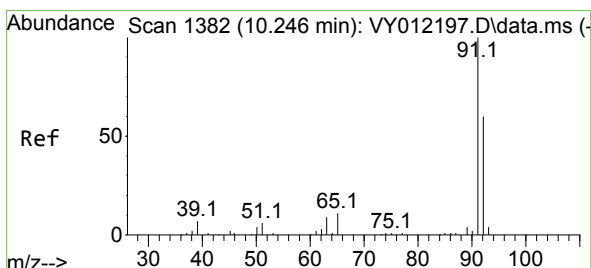
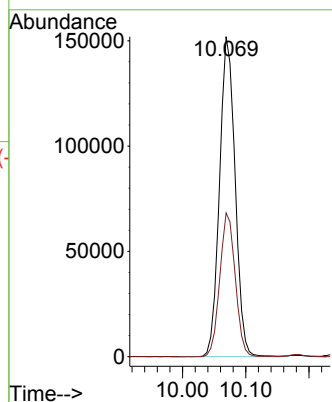
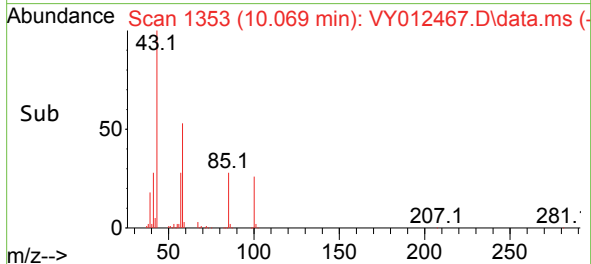


#51
4-Methyl-2-Pentanone
Concen: 261.062 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Instrument :
MSVOA_Y
ClientSampleId :

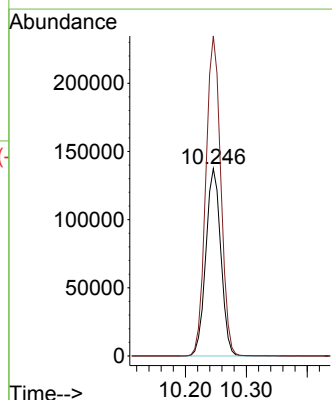
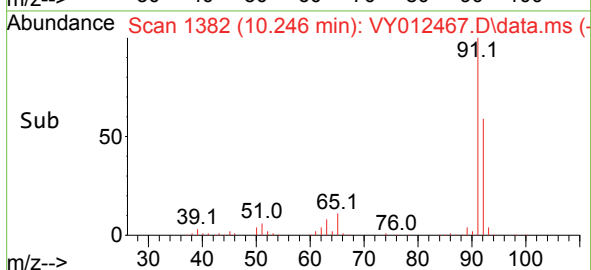
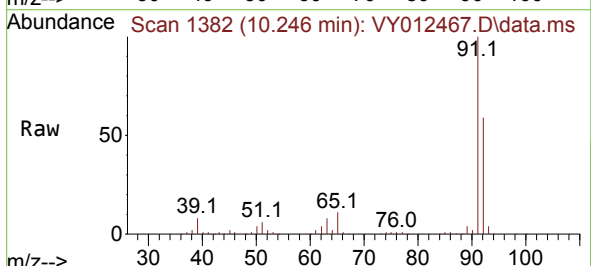


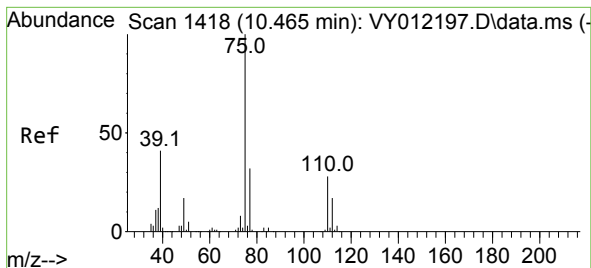
Tgt Ion: 43 Resp: 259099
Ion Ratio Lower Upper
43 100
58 44.7 32.9 49.3



#52
Toluene
Concen: 53.875 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion: 92 Resp: 234952
Ion Ratio Lower Upper
92 100
91 170.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 53.056 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

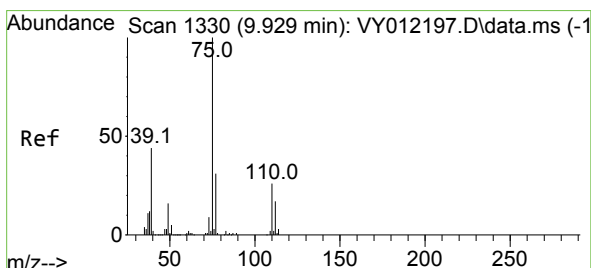
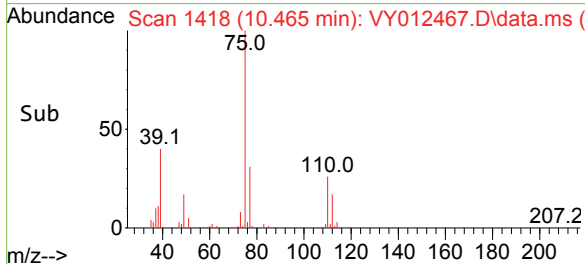
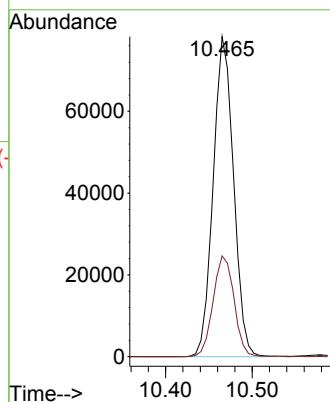
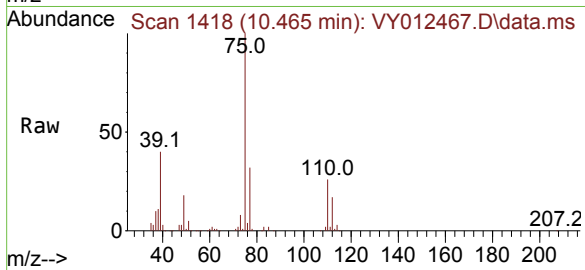
ClientSampleId :

Tgt Ion: 75 Resp: 127818

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 54.116 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

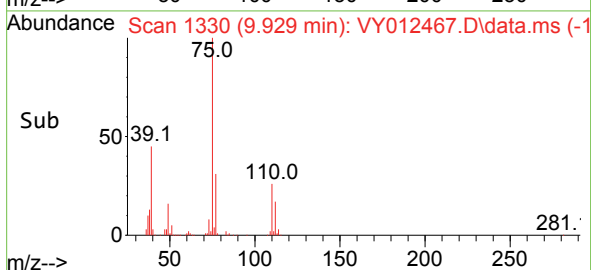
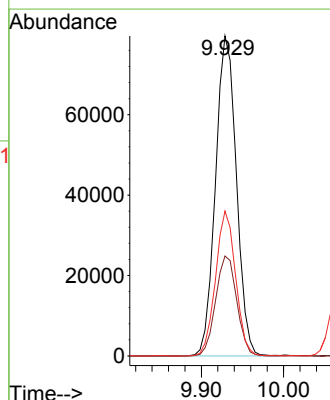
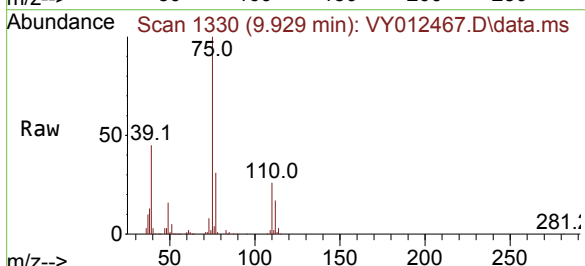
Tgt Ion: 75 Resp: 140401

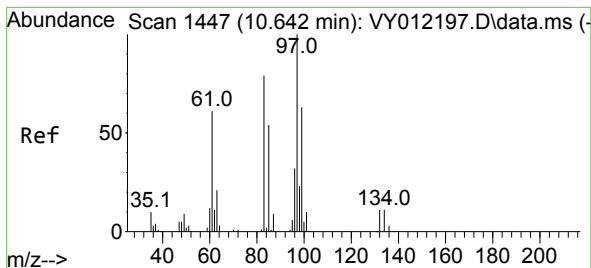
Ion Ratio Lower Upper

75 100

77 31.3 25.9 38.9

39 45.3 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 53.779 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 69910

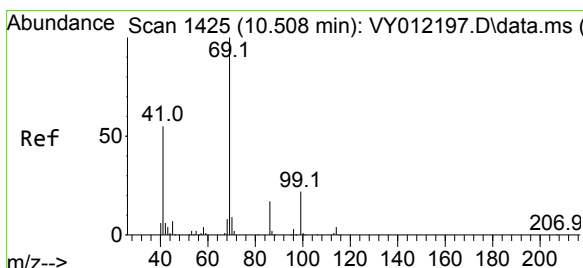
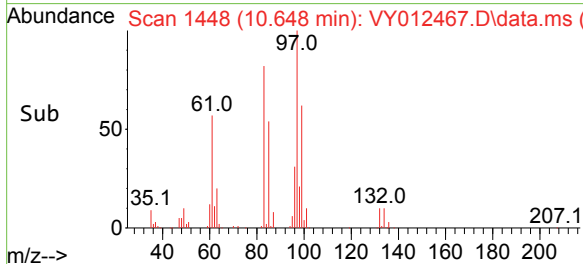
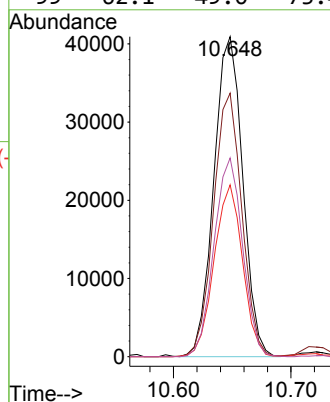
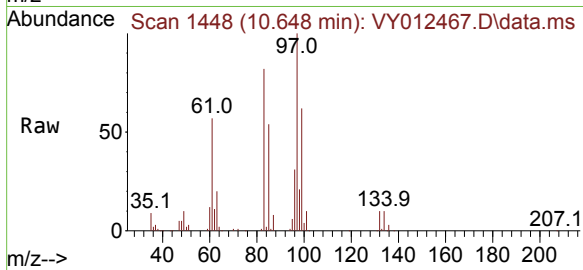
Ion Ratio Lower Upper

97 100

83 82.1 67.7 101.5

85 53.6 43.8 65.8

99 62.1 49.0 73.4



#56

Ethyl methacrylate

Concen: 54.239 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

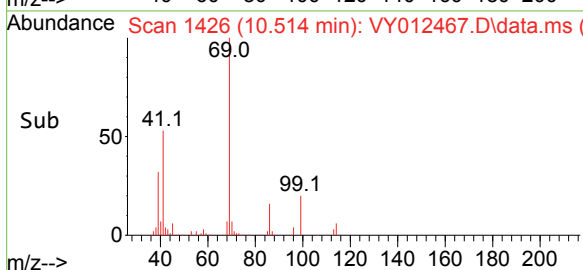
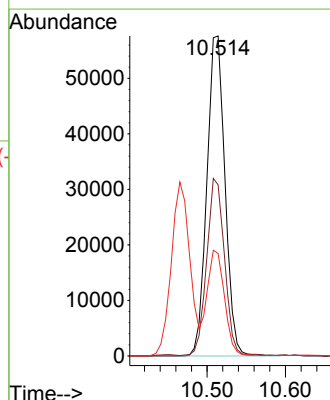
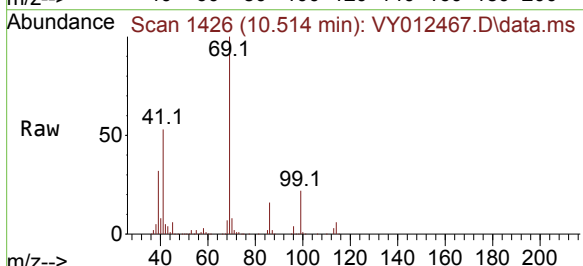
Tgt Ion: 69 Resp: 92501

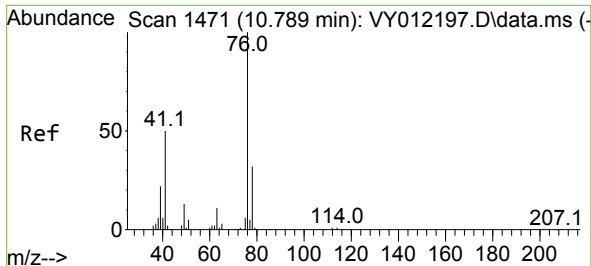
Ion Ratio Lower Upper

69 100

41 54.2 48.9 73.3

39 31.7 25.9 38.9





#57

1,3-Dichloropropane

Concen: 54.194 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

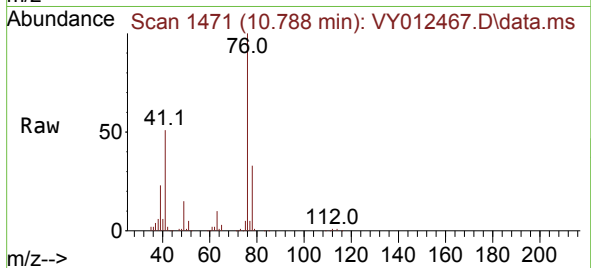
Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

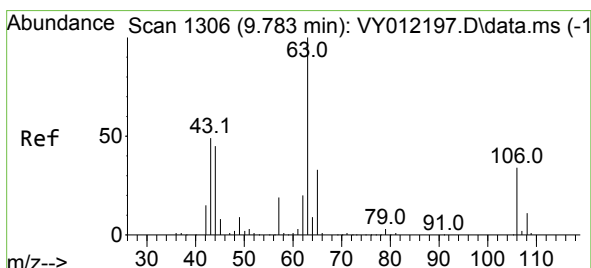
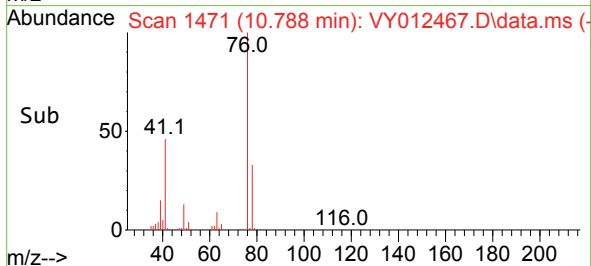
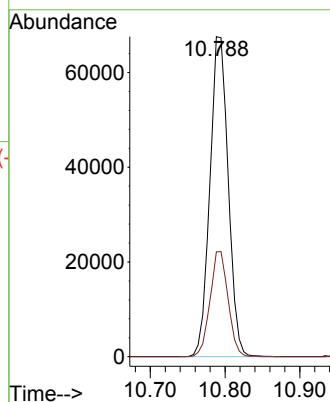


Tgt Ion: 76 Resp: 115053

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 240.448 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012467.D

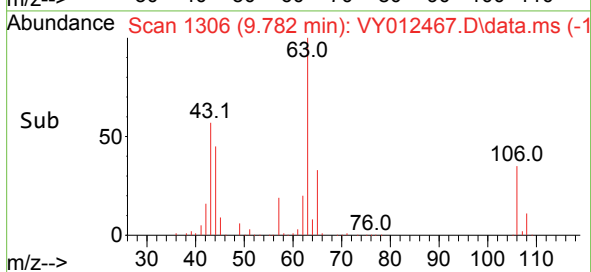
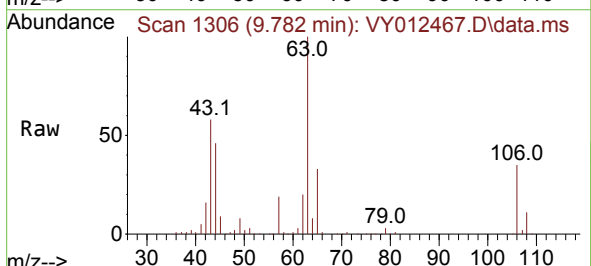
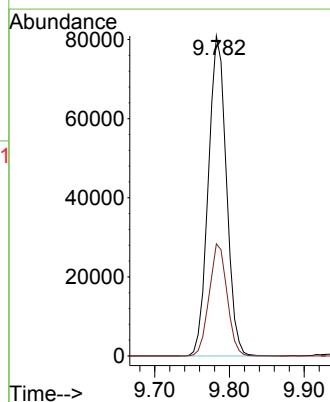
Acq: 03 Feb 2023 10:17

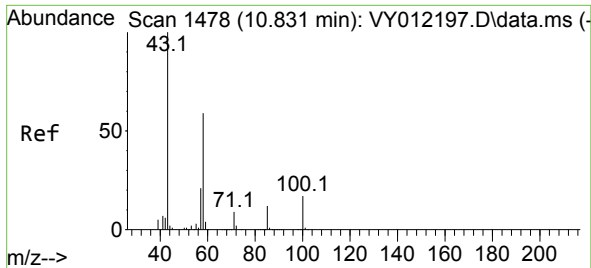
Tgt Ion: 63 Resp: 135686

Ion Ratio Lower Upper

63 100

106 34.7 23.2 34.8

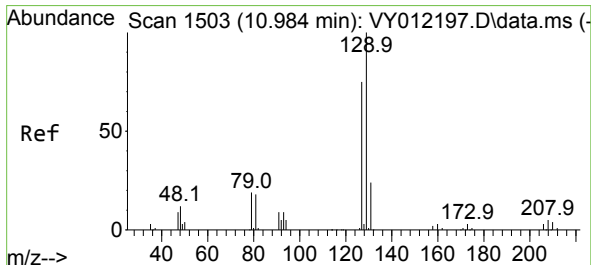
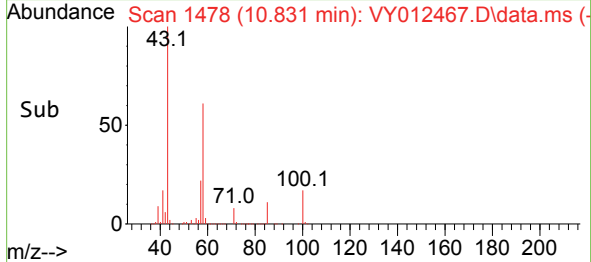
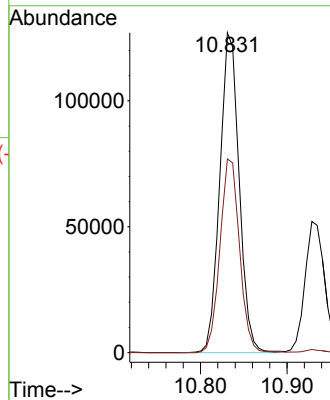
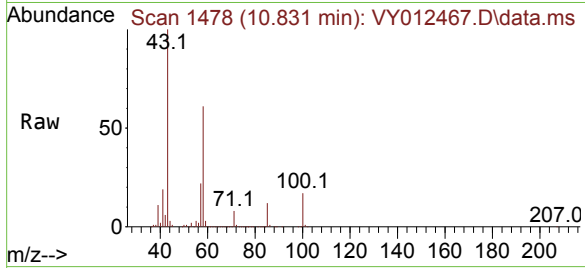




#59
2-Hexanone
Concen: 261.441 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

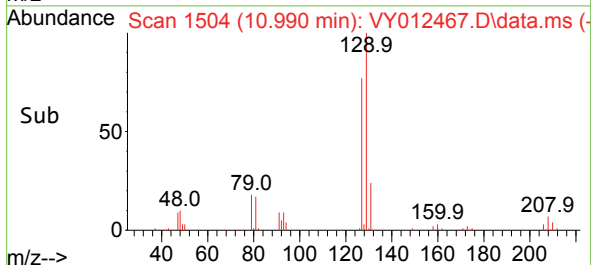
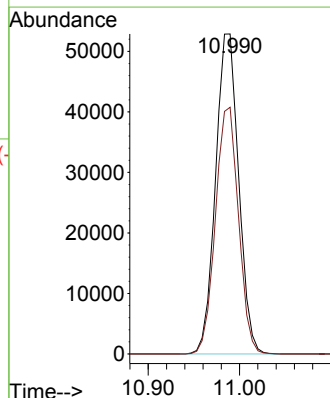
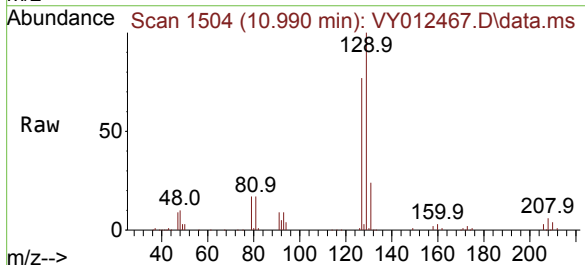
Instrument :
MSVOA_Y
ClientSampleId :

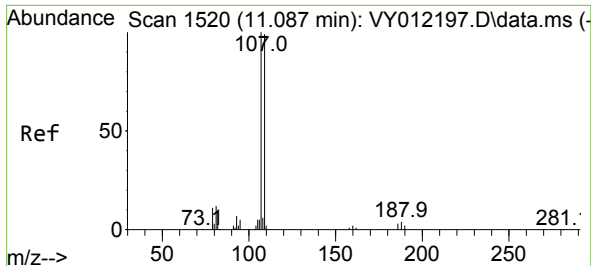
Tgt Ion: 43 Resp: 197552
Ion Ratio Lower Upper
43 100
58 61.3 28.4 85.2



#60
Dibromochloromethane
Concen: 53.889 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion:129 Resp: 92913
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

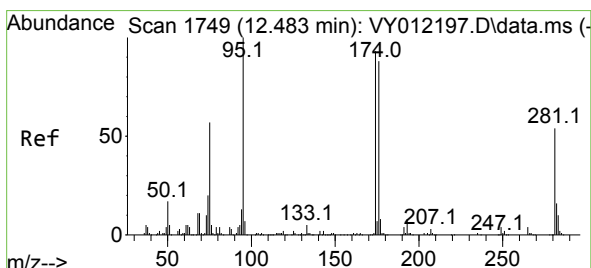
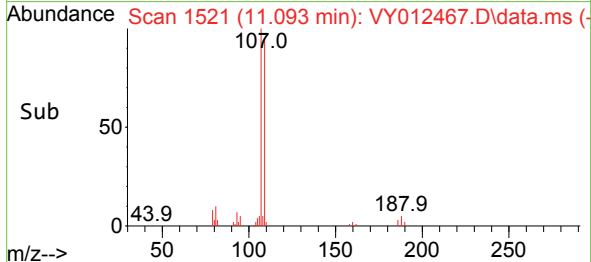
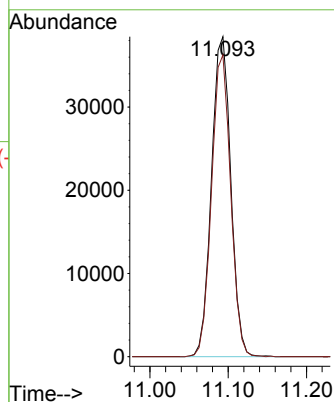
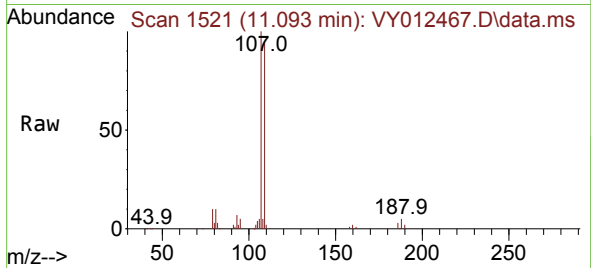




#61
1,2-Dibromoethane
Concen: 52.439 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

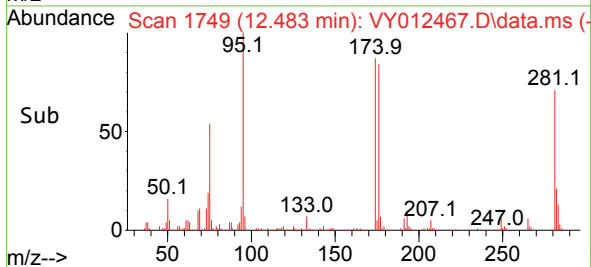
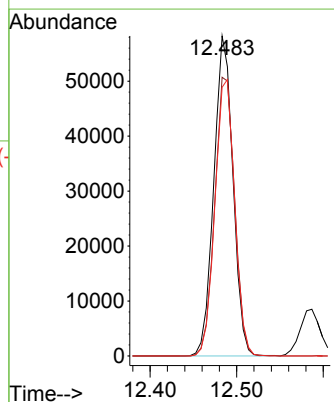
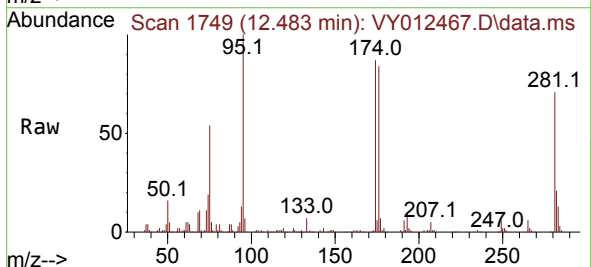
Instrument :
MSVOA_Y
ClientSampleId :

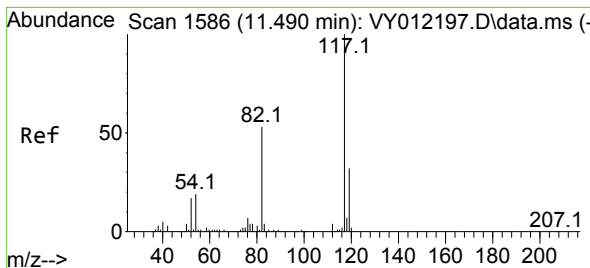
Tgt Ion:107 Resp: 65778
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 47.461 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion: 95 Resp: 89339
Ion Ratio Lower Upper
95 100
174 90.3 0.0 172.0
176 89.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

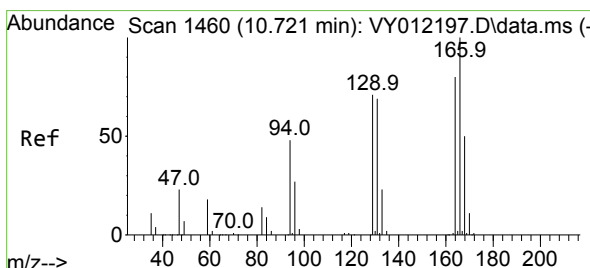
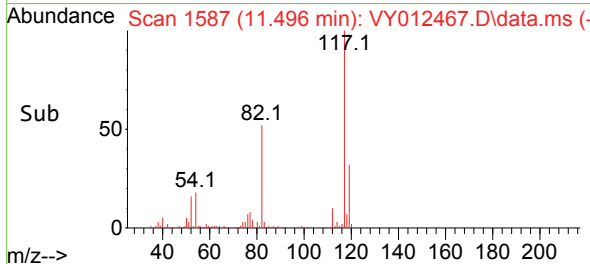
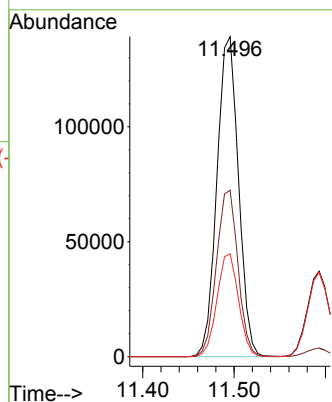
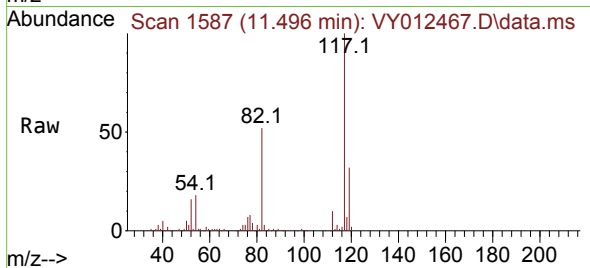
Tgt Ion:117 Resp: 228417

Ion Ratio Lower Upper

117 100

82 52.0 44.8 67.2

119 32.2 25.4 38.2



#64

Tetrachloroethene

Concen: 54.711 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Tgt Ion:164 Resp: 114032

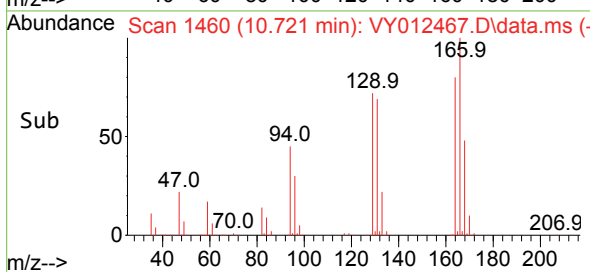
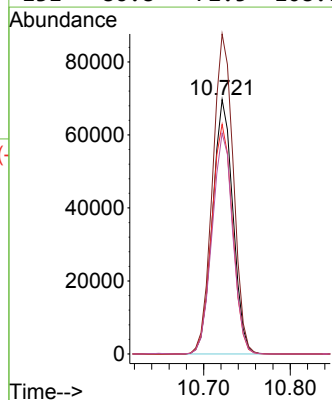
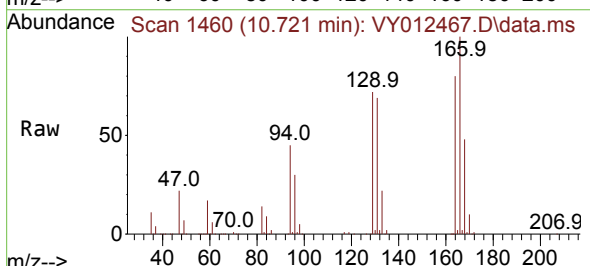
Ion Ratio Lower Upper

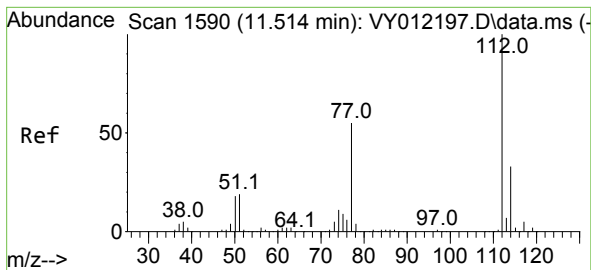
164 100

166 125.8 102.3 153.5

129 90.2 77.2 115.8

131 86.8 72.5 108.7





#65

Chlorobenzene

Concen: 54.087 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

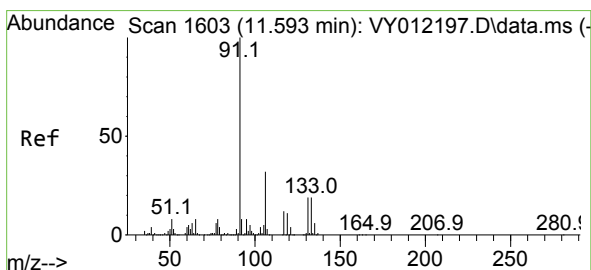
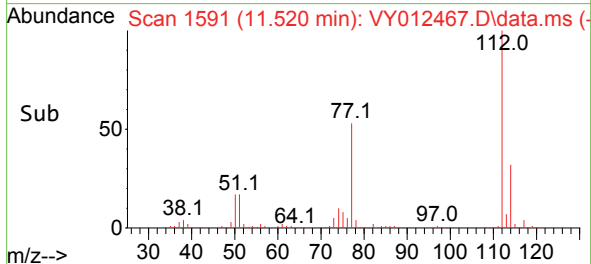
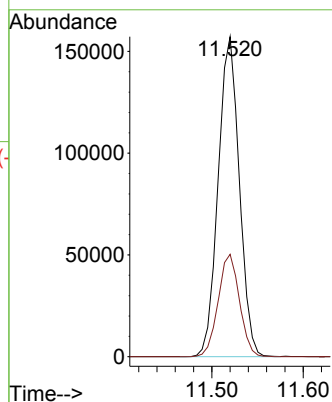
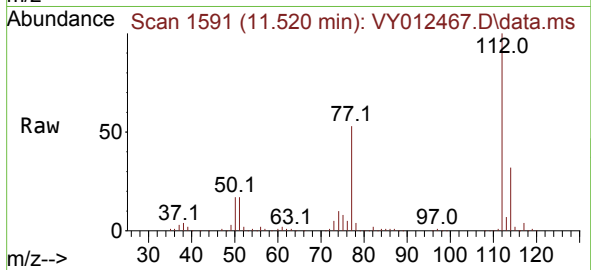
ClientSampleId :

Tgt Ion:112 Resp: 252777

Ion Ratio Lower Upper

112 100

114 32.0 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 56.348 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

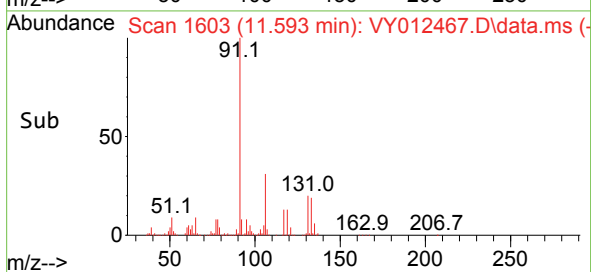
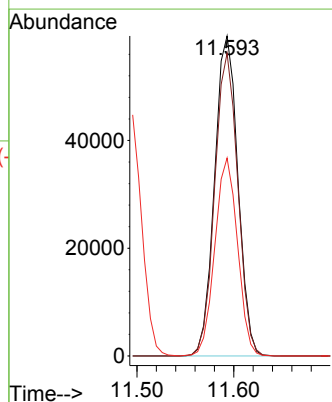
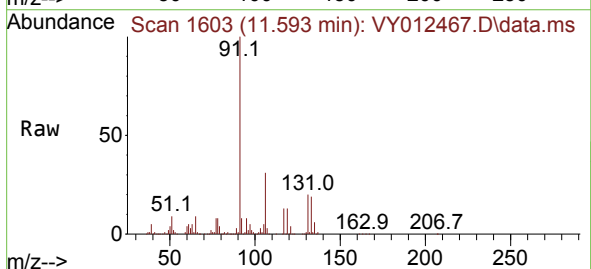
Tgt Ion:131 Resp: 99401

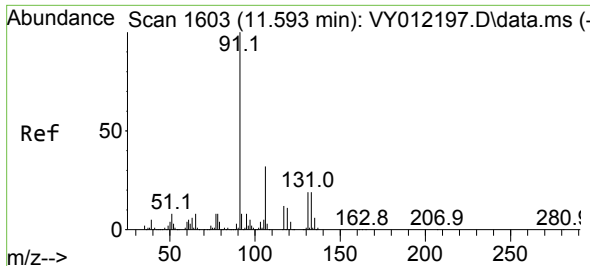
Ion Ratio Lower Upper

131 100

133 93.7 47.3 142.0

119 60.2 32.1 96.3

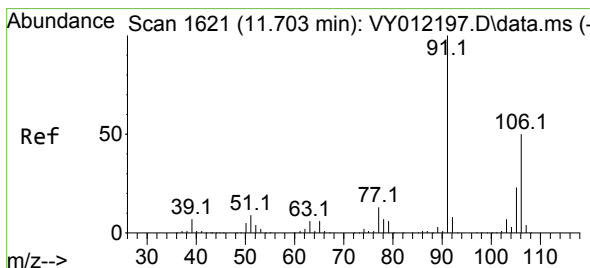
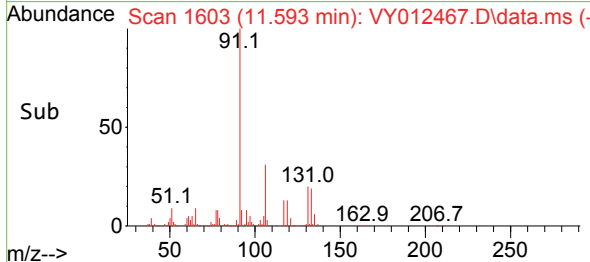
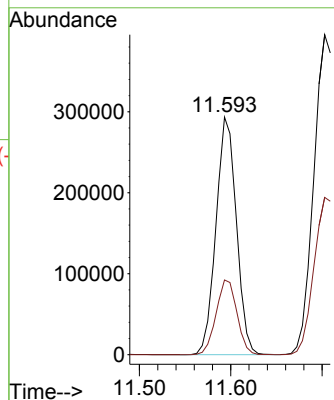
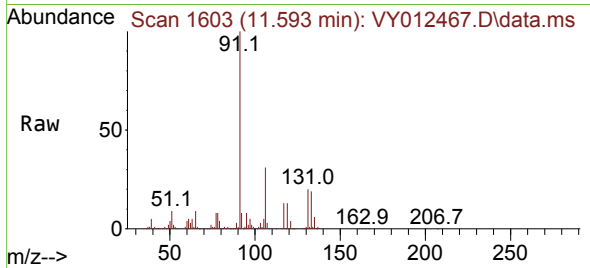




#67
Ethyl Benzene
Concen: 54.620 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

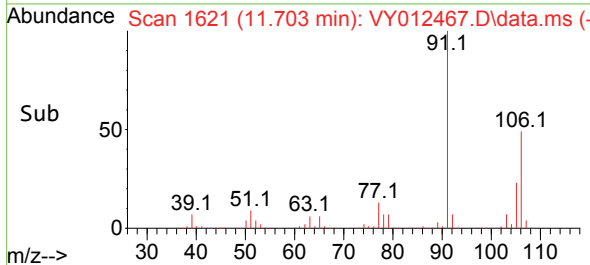
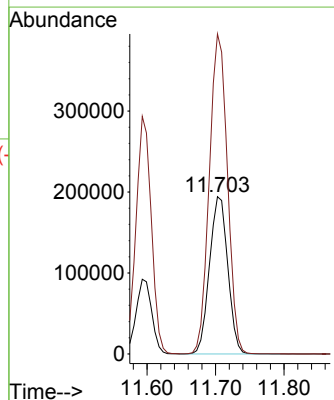
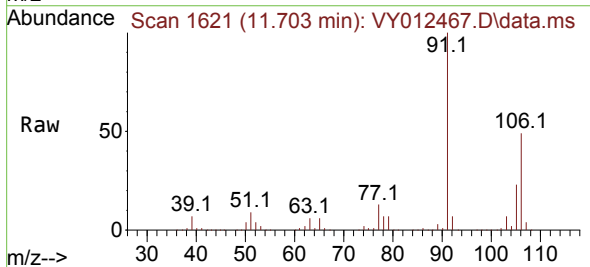
Instrument :
MSVOA_Y
ClientSampleId :

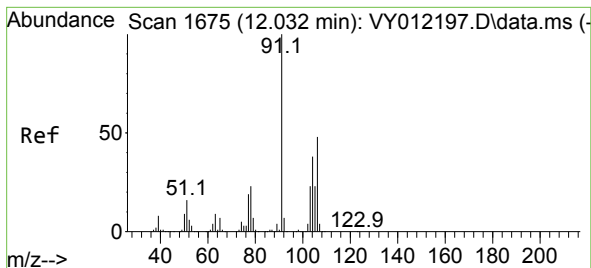
Tgt Ion: 91 Resp: 456211
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 109.212 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion:106 Resp: 360669
Ion Ratio Lower Upper
106 100
91 201.5 162.5 243.7





#69

o-Xylene

Concen: 54.478 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

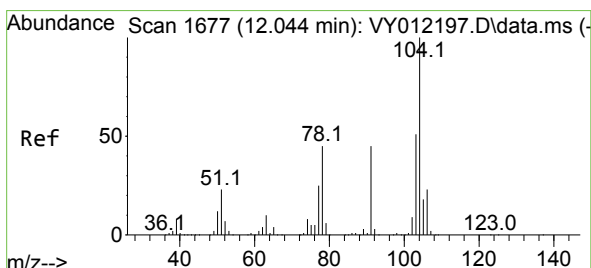
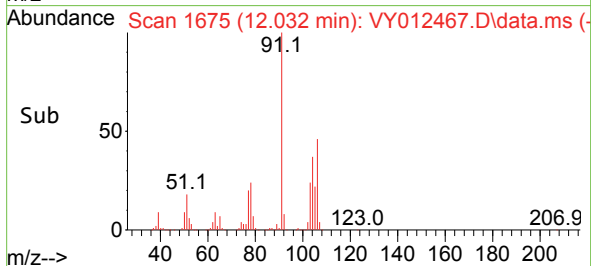
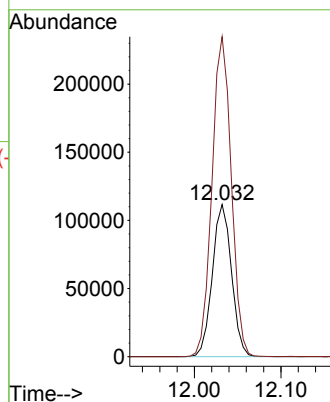
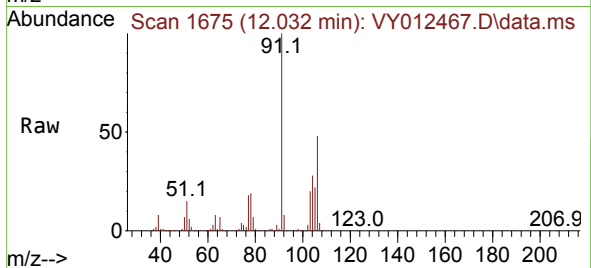
ClientSampleId :

Tgt Ion:106 Resp: 171842

Ion Ratio Lower Upper

106 100

91 211.7 107.5 322.4



#70

Styrene

Concen: 55.660 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

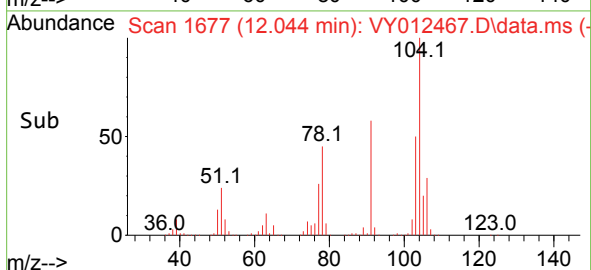
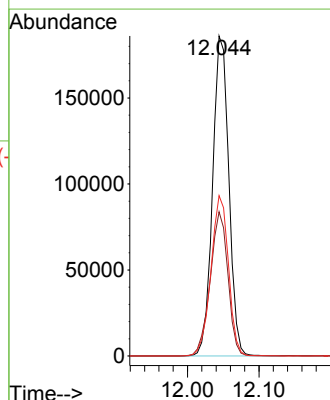
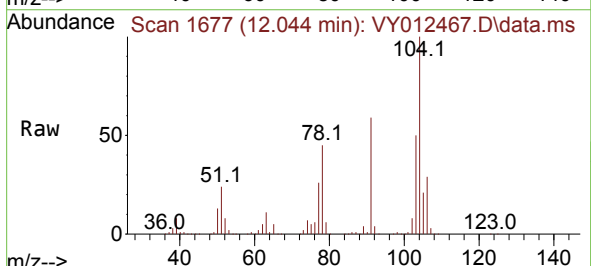
Tgt Ion:104 Resp: 293349

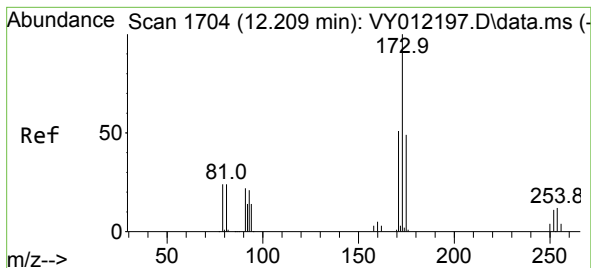
Ion Ratio Lower Upper

104 100

78 49.0 39.4 59.0

103 54.0 43.0 64.4





#71

Bromoform

Concen: 53.091 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

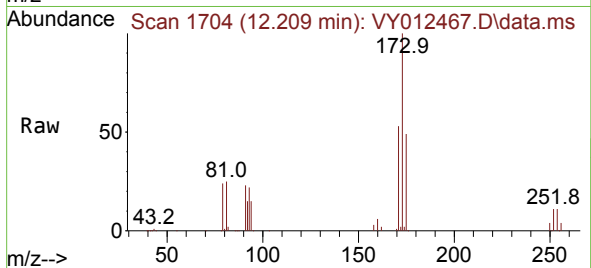
Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :



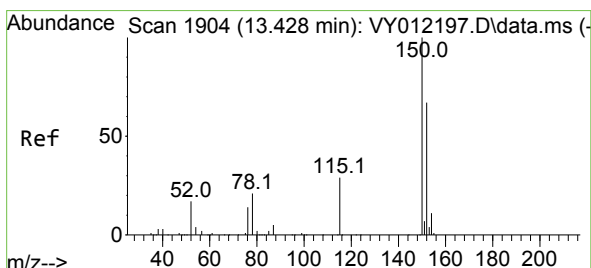
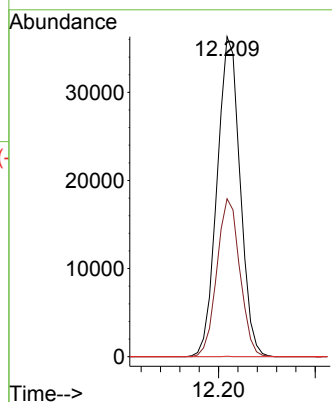
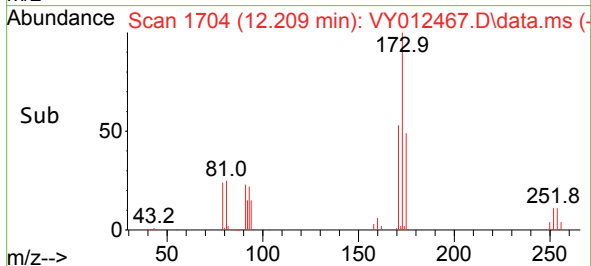
Tgt Ion:173 Resp: 59836

Ion Ratio Lower Upper

173 100

175 49.3 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

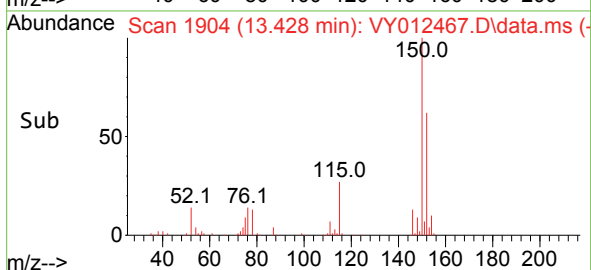
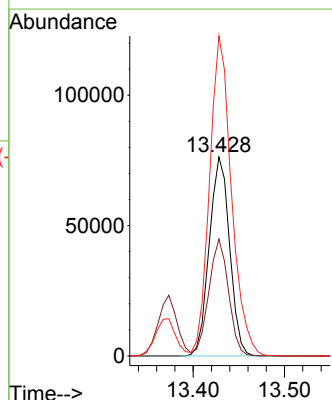
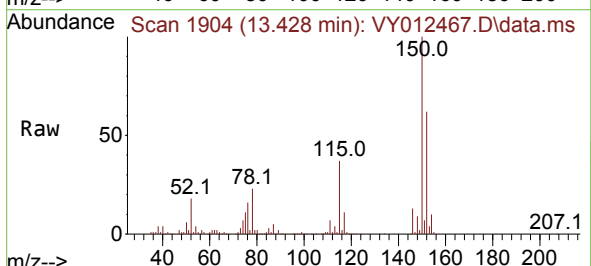
Tgt Ion:152 Resp: 117974

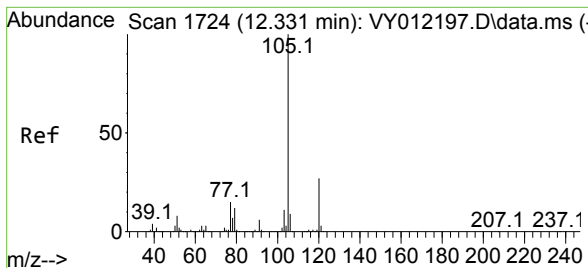
Ion Ratio Lower Upper

152 100

115 56.9 29.1 87.3

150 173.3 0.0 342.6





#73

Isopropylbenzene

Concen: 55.456 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

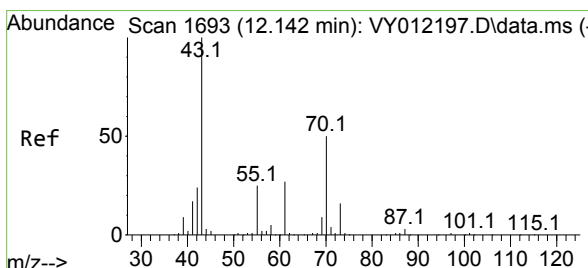
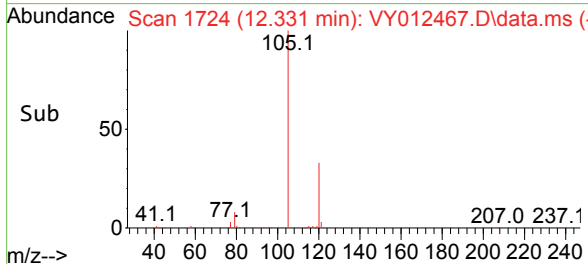
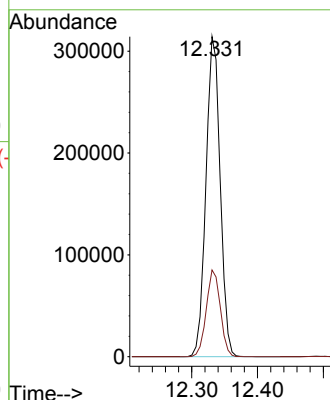
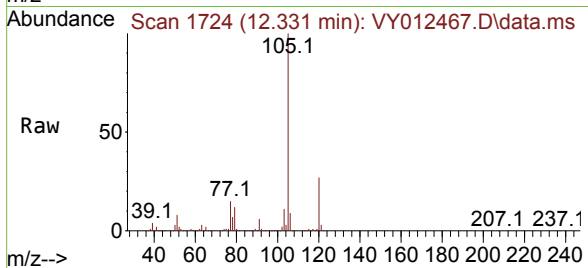
ClientSampleId :

Tgt Ion:105 Resp: 471765

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 50.714 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Tgt Ion: 43 Resp: 84571

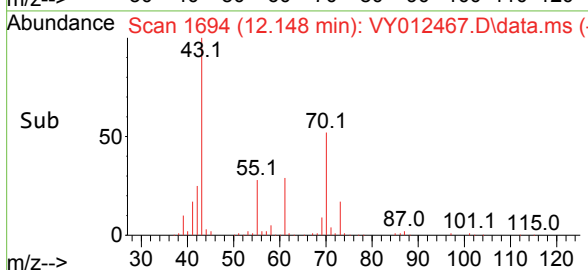
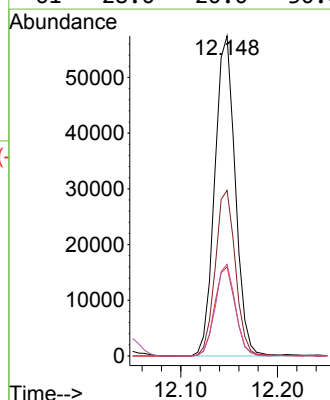
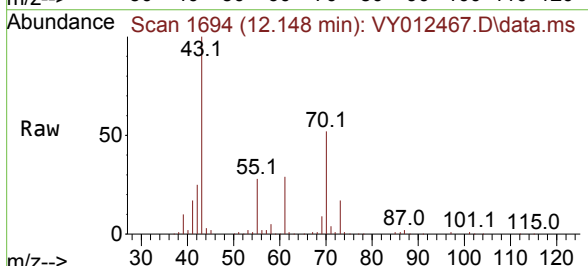
Ion Ratio Lower Upper

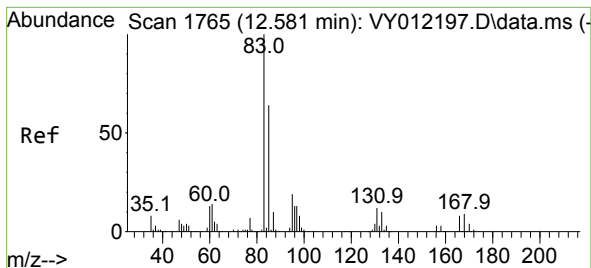
43 100

70 51.3 35.8 53.8

55 28.2 21.0 31.4

61 28.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.392 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

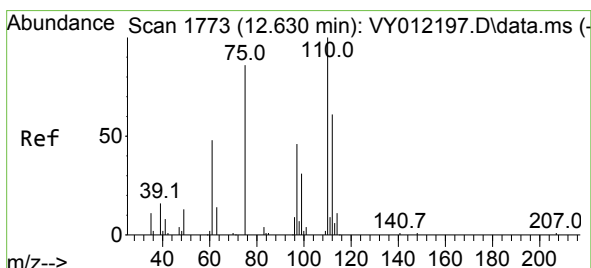
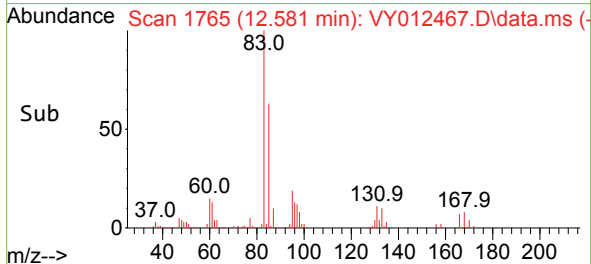
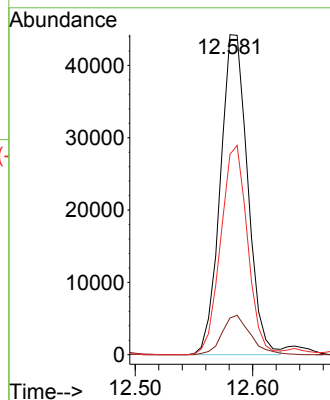
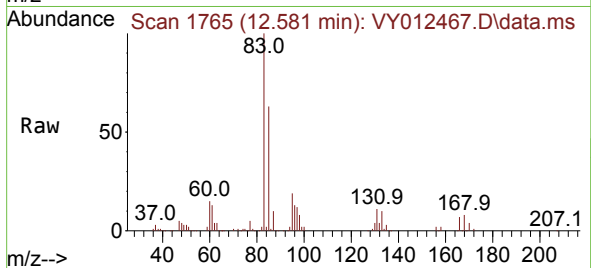
Tgt Ion: 83 Resp: 71543

Ion Ratio Lower Upper

83 100

131 12.8 5.6 16.8

85 64.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 96.947 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY012467.D

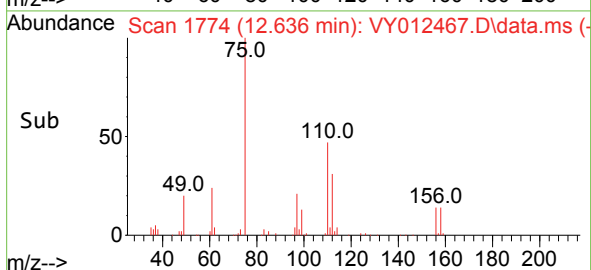
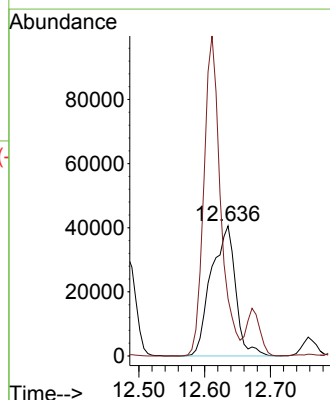
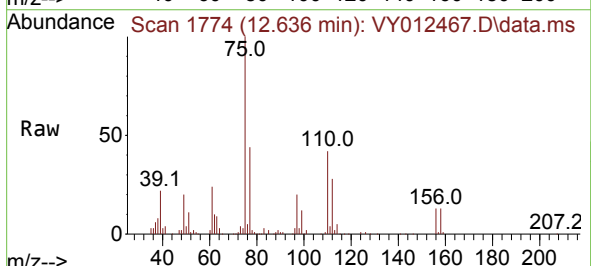
Acq: 03 Feb 2023 10:17

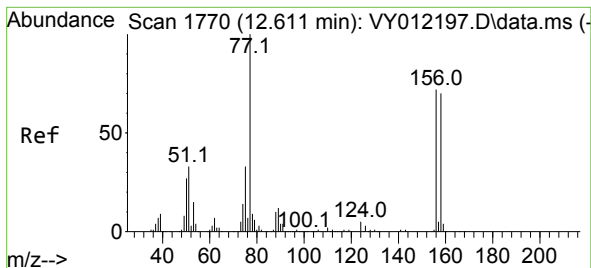
Tgt Ion: 75 Resp: 105169

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.557 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

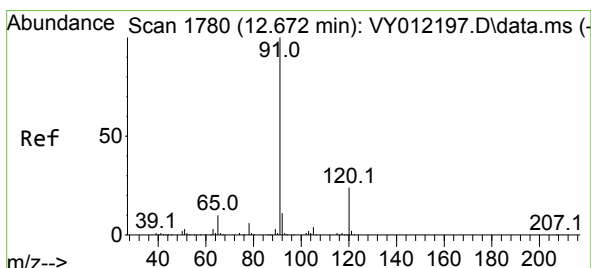
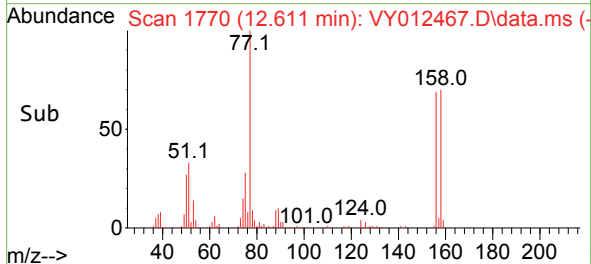
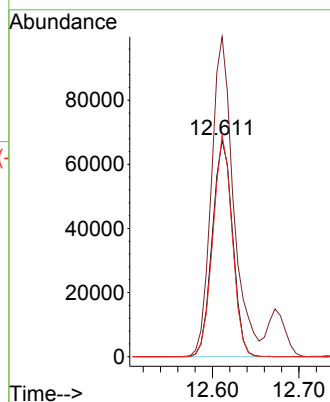
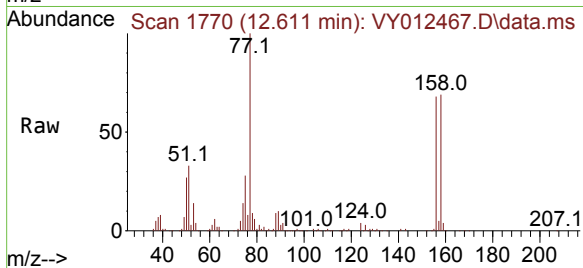
Tgt Ion:156 Resp: 109633

Ion Ratio Lower Upper

156 100

77 161.5 90.0 270.0

158 97.5 48.4 145.2



#78

n-propylbenzene

Concen: 54.823 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012467.D

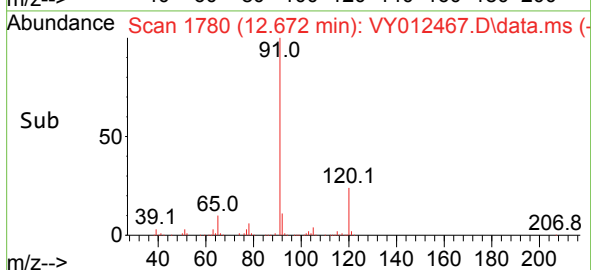
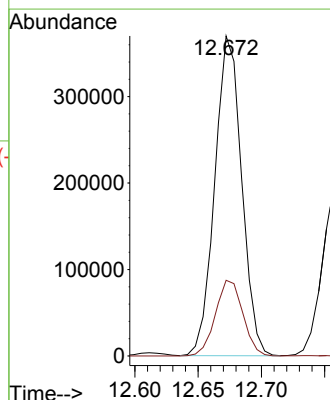
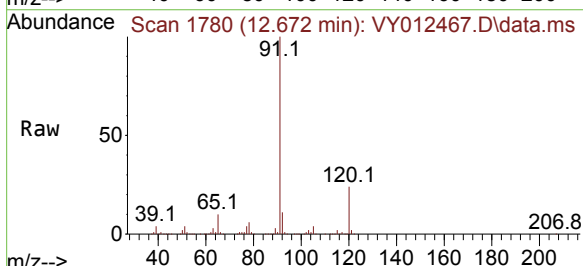
Acq: 03 Feb 2023 10:17

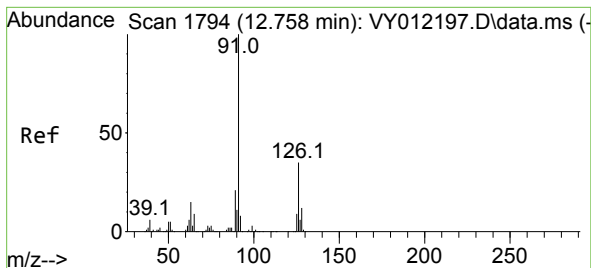
Tgt Ion: 91 Resp: 545747

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.4

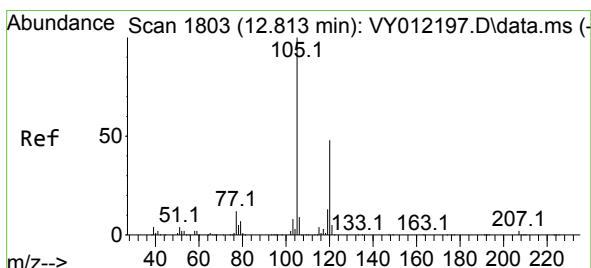
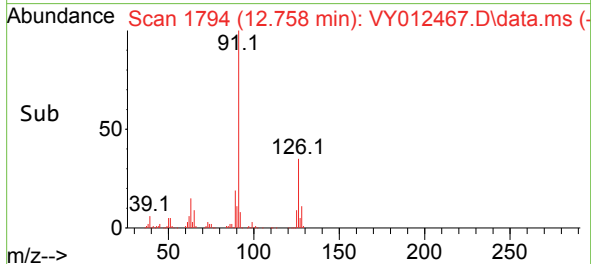
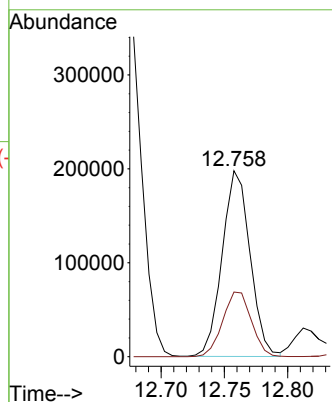
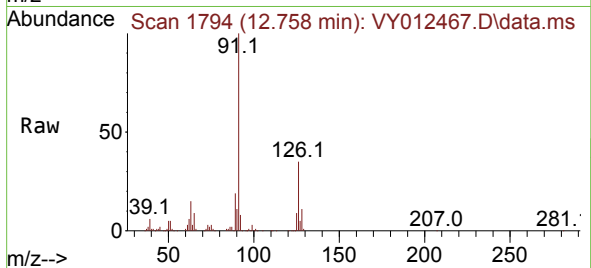




#79
2-Chlorotoluene
Concen: 53.992 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

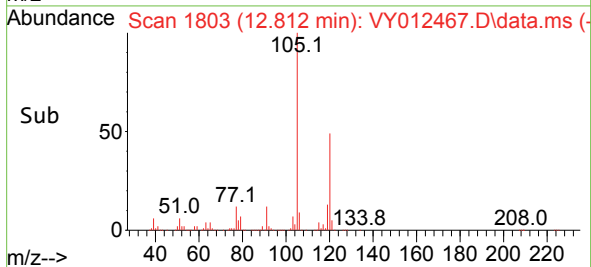
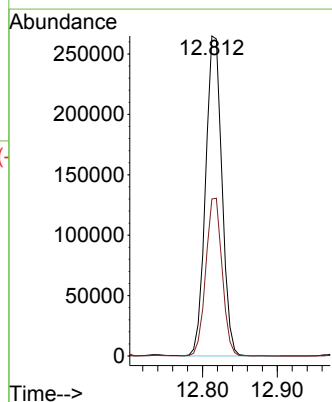
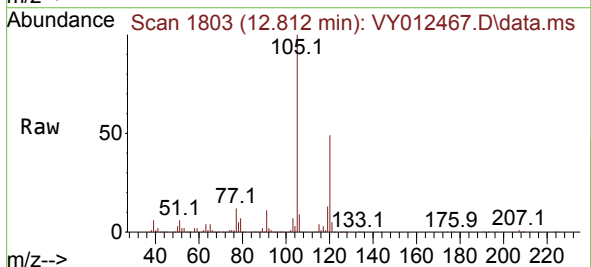
Instrument :
MSVOA_Y
ClientSampleId :

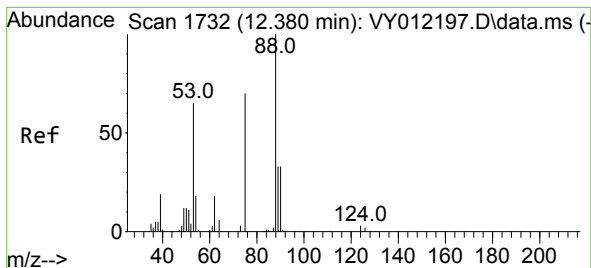
Tgt Ion: 91 Resp: 303886
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 54.415 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion:105 Resp: 402412
Ion Ratio Lower Upper
105 100
120 49.2 24.2 72.6

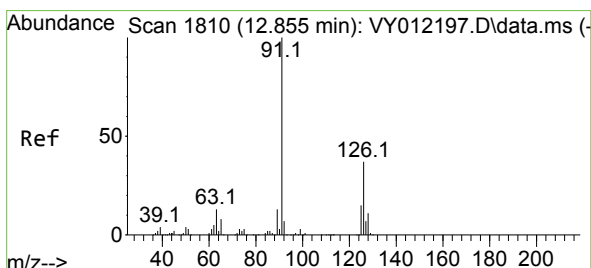
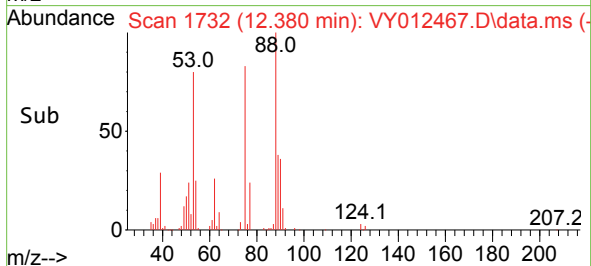
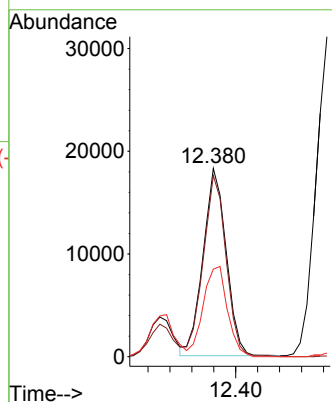
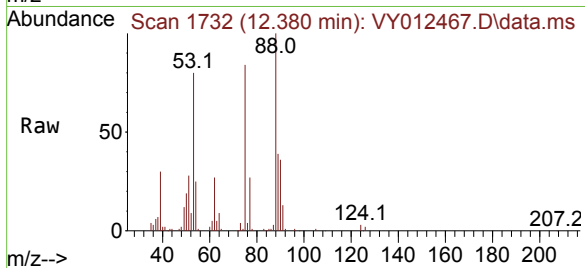




#81
trans-1,4-Dichloro-2-butene
Concen: 50.866 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

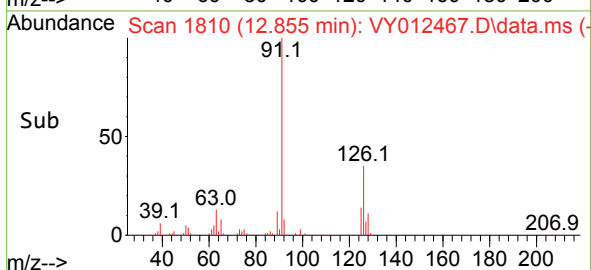
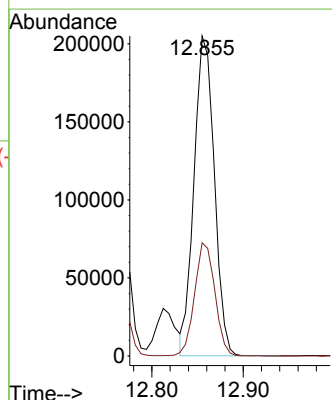
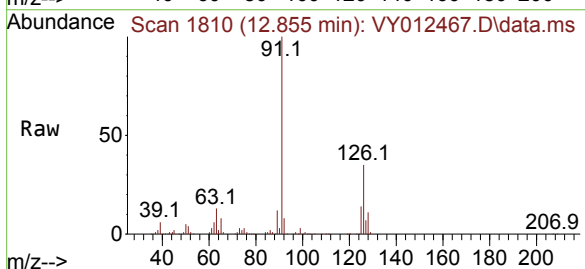
Instrument :
MSVOA_Y
ClientSampleId :

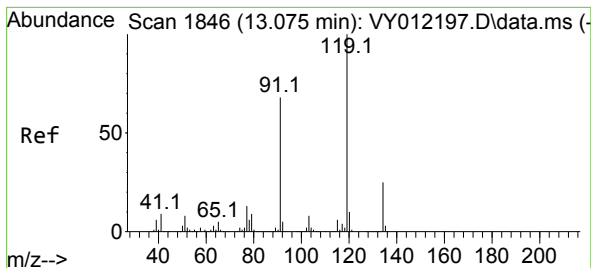
Tgt Ion: 75 Resp: 26781
Ion Ratio Lower Upper
75 100
53 96.2 72.5 108.7
89 50.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.484 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion: 91 Resp: 316208
Ion Ratio Lower Upper
91 100
126 35.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 55.258 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

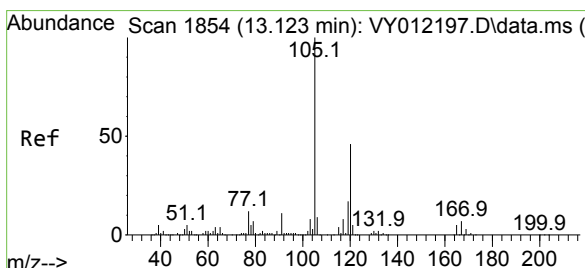
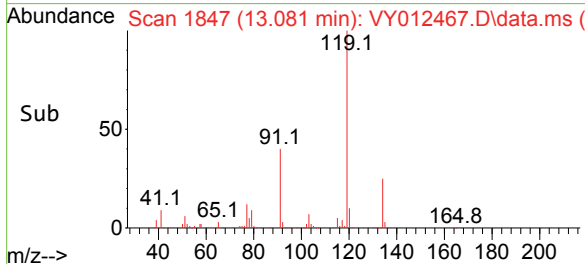
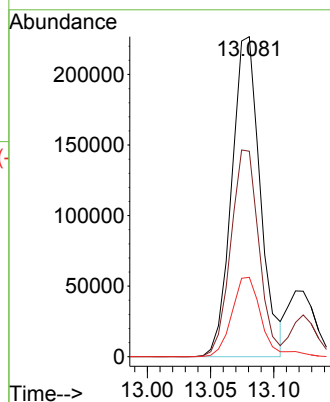
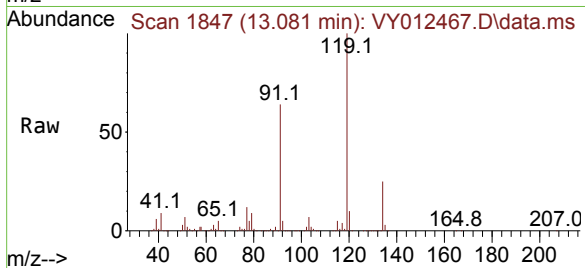
Tgt Ion:119 Resp: 356160

Ion Ratio Lower Upper

119 100

91 63.7 32.3 96.8

134 25.8 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 54.555 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012467.D

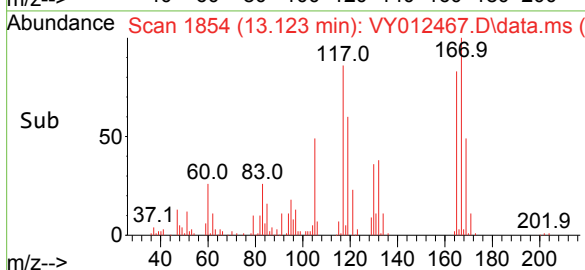
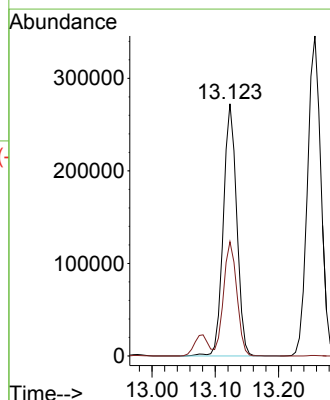
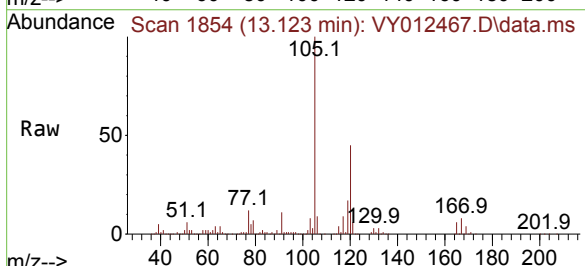
Acq: 03 Feb 2023 10:17

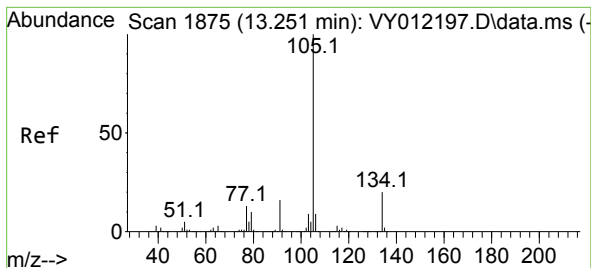
Tgt Ion:105 Resp: 397876

Ion Ratio Lower Upper

105 100

120 44.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 55.274 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

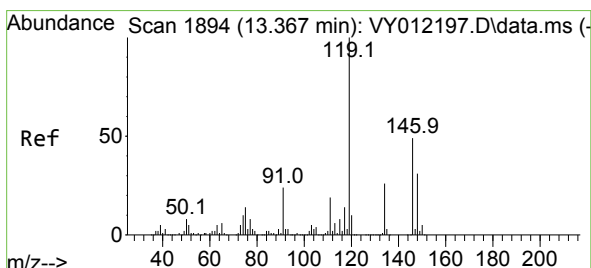
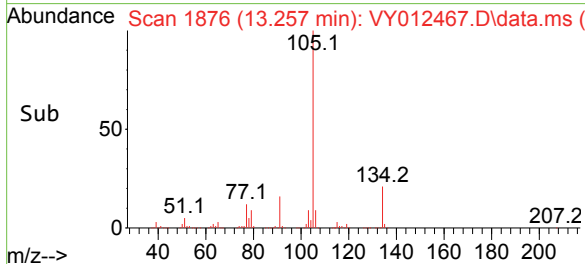
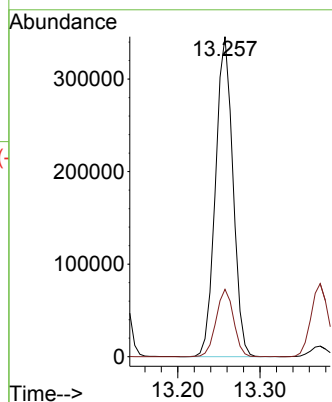
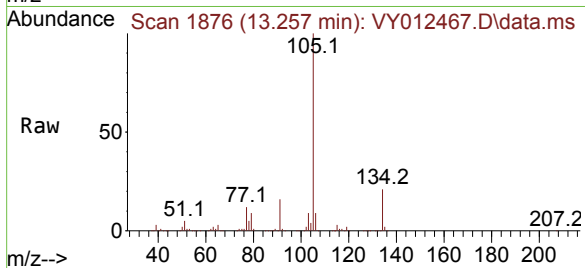
ClientSampleId :

Tgt Ion:105 Resp: 507240

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.3



#86

p-Isopropyltoluene

Concen: 54.929 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

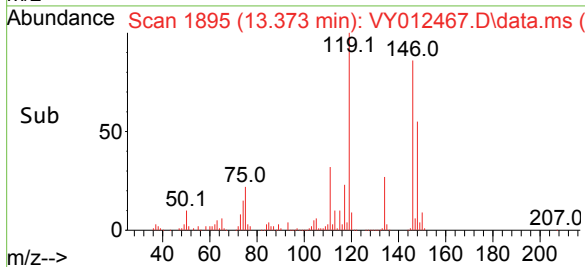
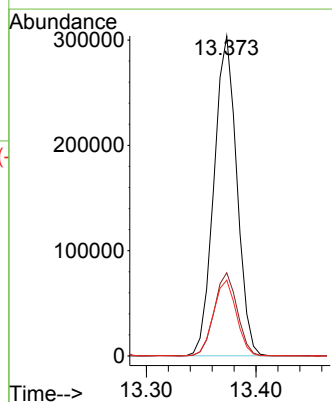
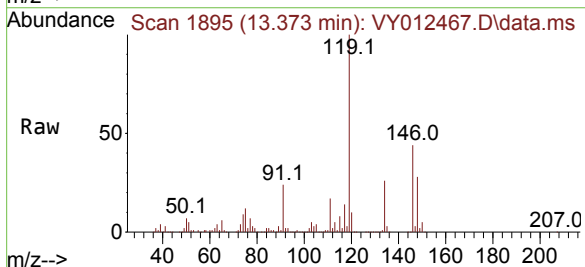
Tgt Ion:119 Resp: 440411

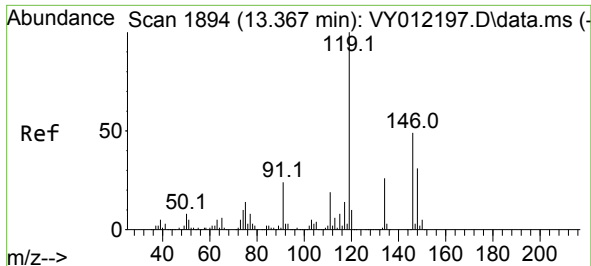
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 23.8 11.9 35.9

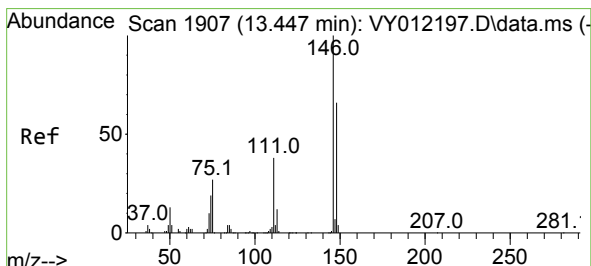
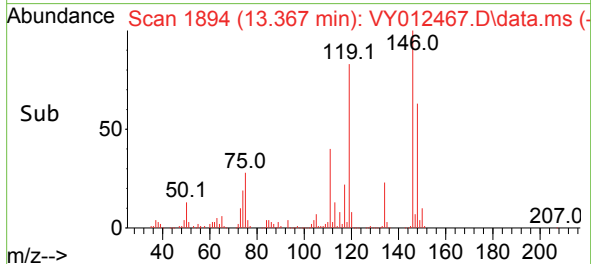
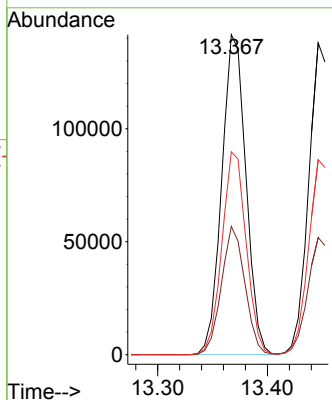
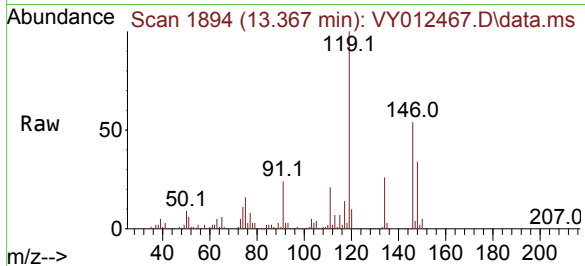




#87
1,3-Dichlorobenzene
Concen: 53.339 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

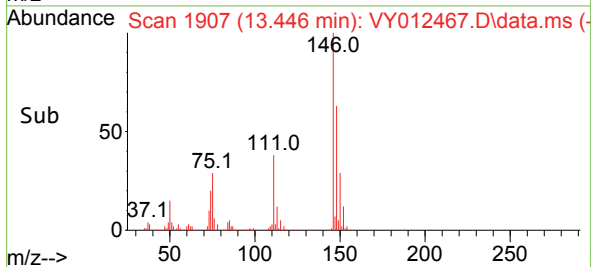
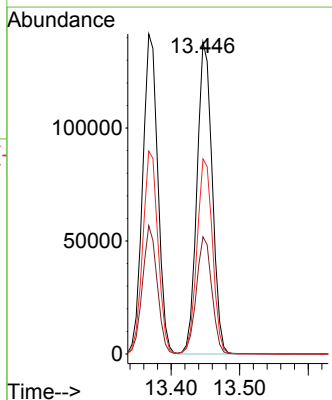
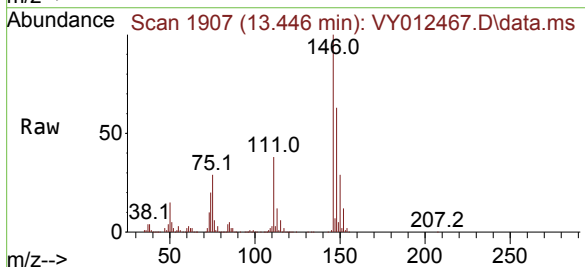
Instrument :
MSVOA_Y
ClientSampleId :

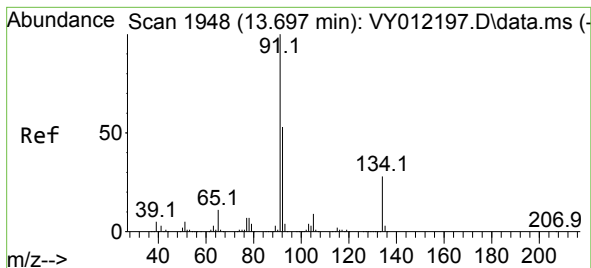
Tgt Ion:146 Resp: 217160
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.0
148 63.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 52.709 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY012467.D
Acq: 03 Feb 2023 10:17

Tgt Ion:146 Resp: 214012
Ion Ratio Lower Upper
146 100
111 37.9 19.6 58.7
148 63.7 31.9 95.7





#89

n-Butylbenzene

Concen: 54.885 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.005 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

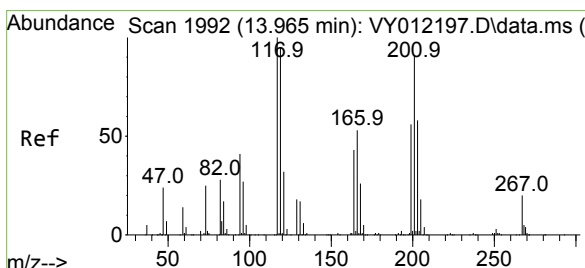
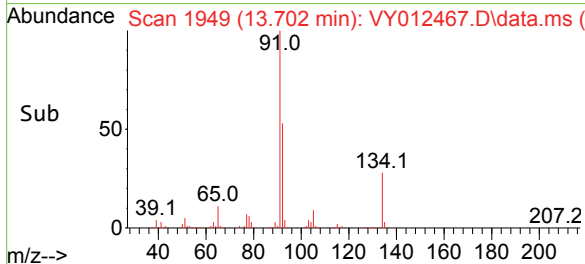
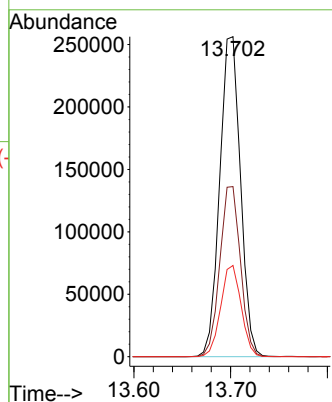
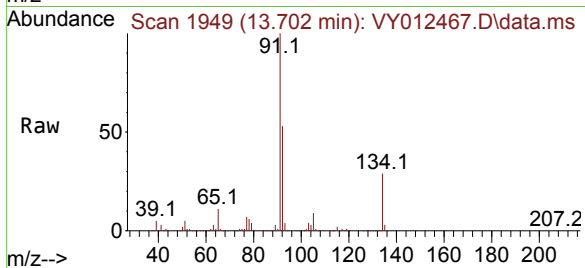
Tgt Ion: 91 Resp: 381356

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 28.1 13.3 39.8



#90

Hexachloroethane

Concen: 54.677 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012467.D

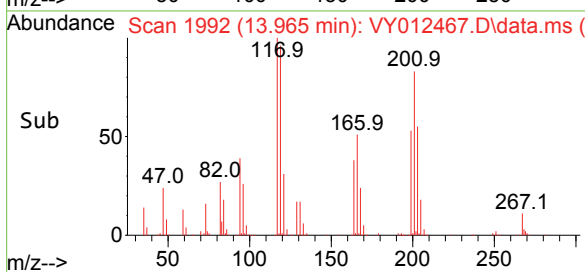
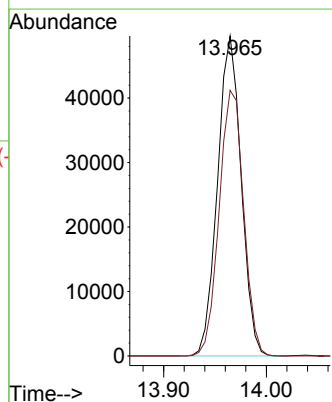
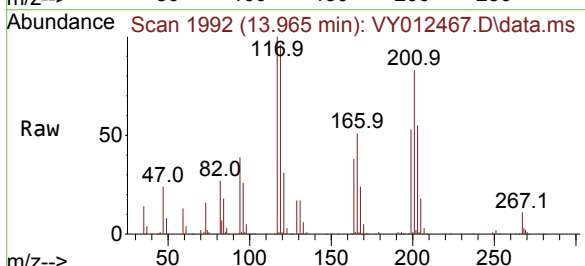
Acq: 03 Feb 2023 10:17

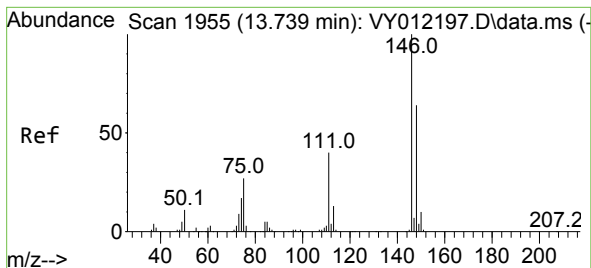
Tgt Ion: 117 Resp: 79141

Ion Ratio Lower Upper

117 100

201 85.9 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 53.353 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

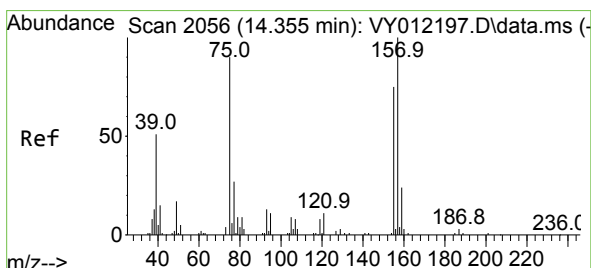
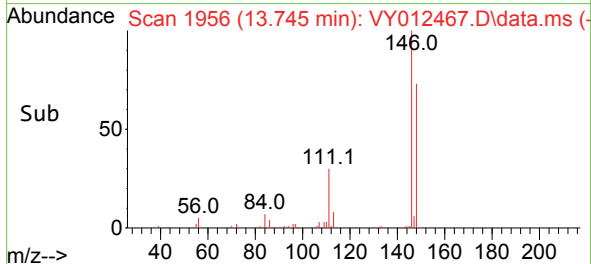
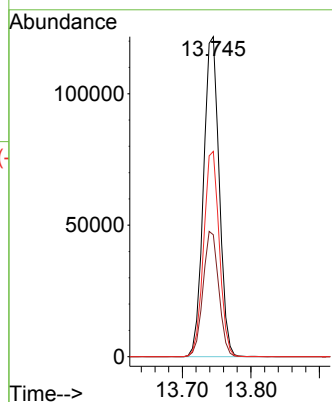
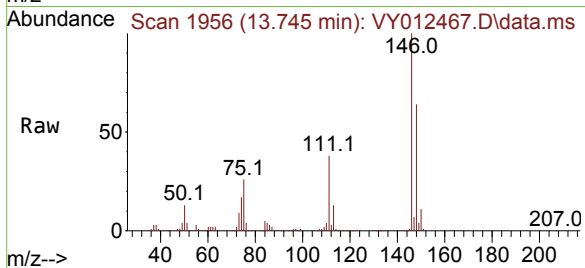
Tgt Ion:146 Resp: 193818

Ion Ratio Lower Upper

146 100

111 39.3 20.3 60.8

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.095 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

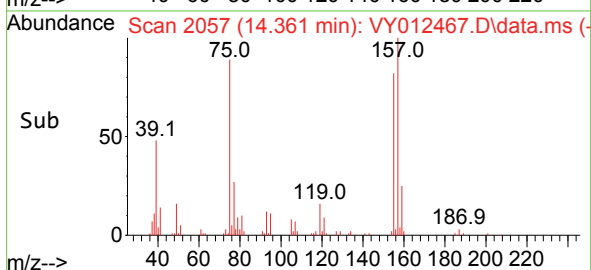
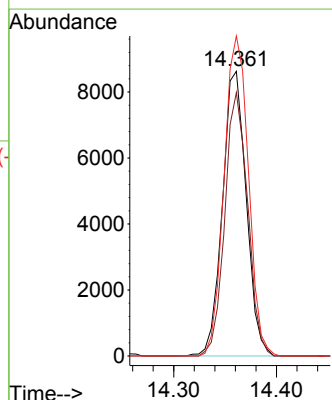
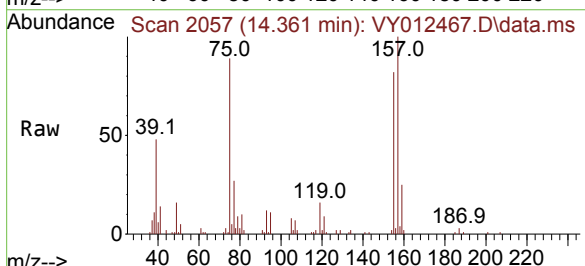
Tgt Ion: 75 Resp: 13872

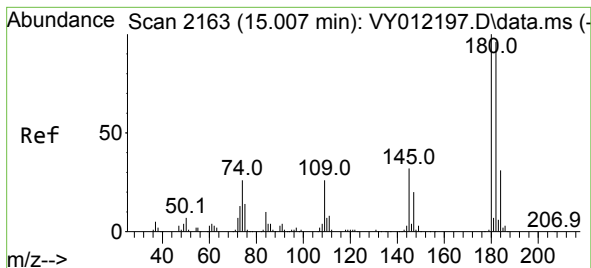
Ion Ratio Lower Upper

75 100

155 88.7 42.3 126.8

157 114.6 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 52.453 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

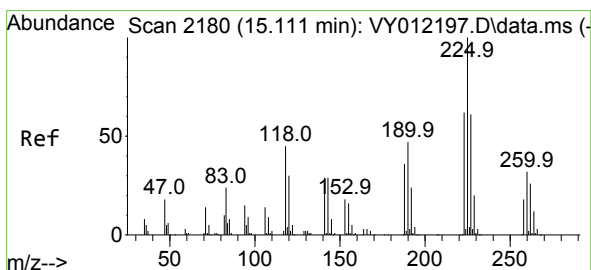
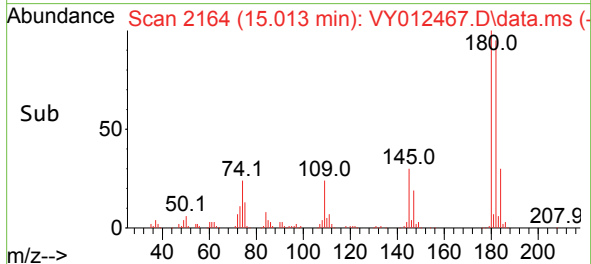
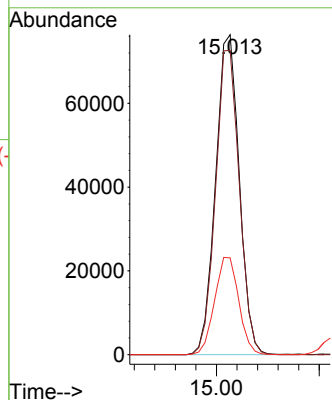
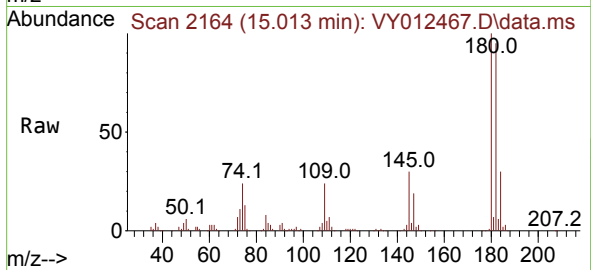
Tgt Ion:180 Resp: 122094

Ion Ratio Lower Upper

180 100

182 95.5 48.1 144.3

145 31.0 15.4 46.4



#94

Hexachlorobutadiene

Concen: 52.755 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

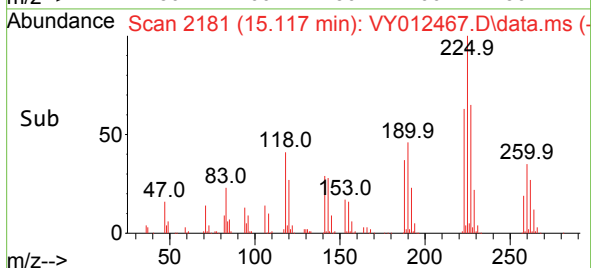
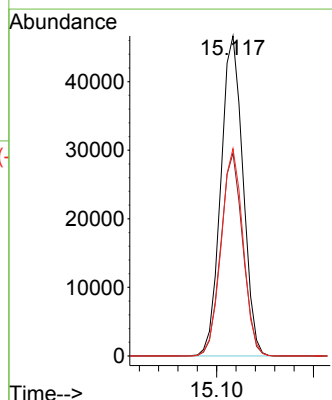
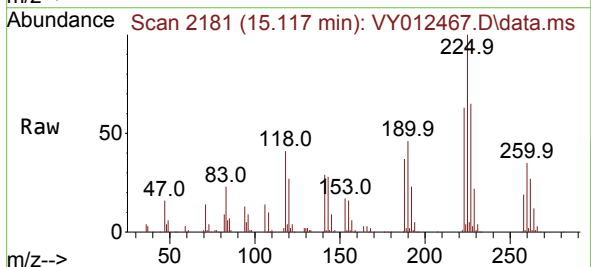
Tgt Ion:225 Resp: 73933

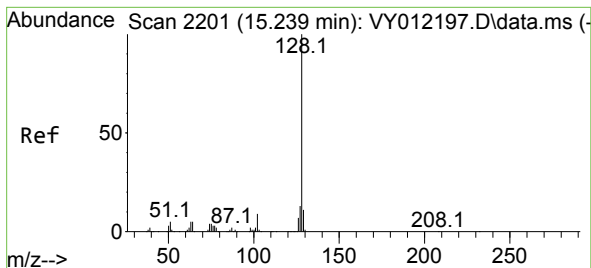
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.2

227 64.0 32.6 97.8





#95

Naphthalene

Concen: 51.230 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

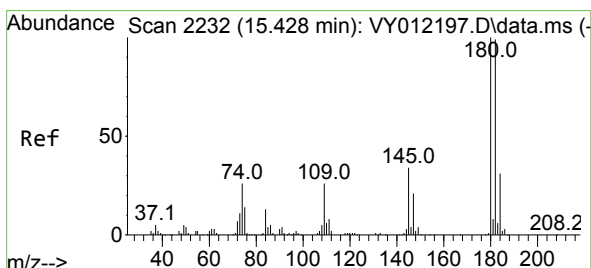
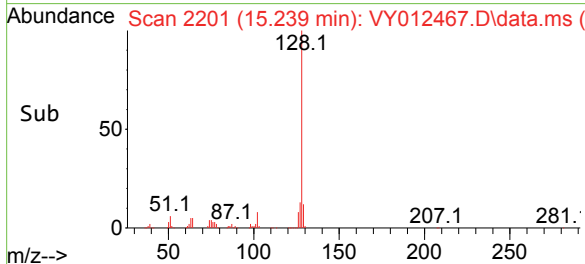
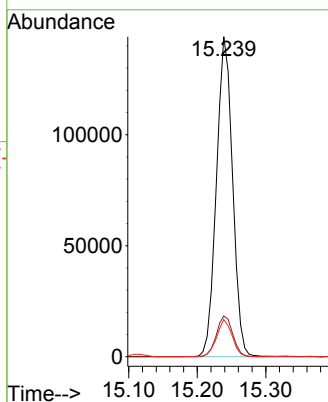
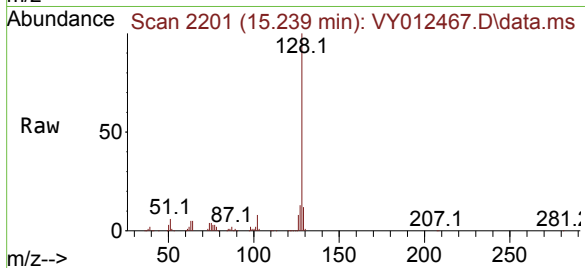
Tgt Ion:128 Resp: 235365

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.858 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012467.D

Acq: 03 Feb 2023 10:17

Tgt Ion:180 Resp: 105875

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 31.3 16.1 48.2

