

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021023\
 Data File : VY012575.D
 Acq On : 10 Feb 2023 15:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 10 22:48:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	138144	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	201539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85591	48.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.440%
35) Dibromofluoromethane	7.716	113	77201	52.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.179	98	321984	52.706	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.483	95	106789	50.115	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47119	48.144	ug/l	96
3) Chloromethane	2.113	50	48723	45.267	ug/l	97
4) Vinyl Chloride	2.253	62	62466	46.583	ug/l	100
5) Bromomethane	2.650	94	48907	49.959	ug/l	98
6) Chloroethane	2.796	64	44950	48.158	ug/l	98
7) Trichlorofluoromethane	3.125	101	132463	48.059	ug/l	98
8) Diethyl Ether	3.528	74	37697	46.124	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	69184	49.707	ug/l	100
10) Methyl Iodide	4.088	142	93331	51.725	ug/l	99
11) Tert butyl alcohol	4.948	59	27783	160.563	ug/l	97
12) 1,1-Dichloroethene	3.869	96	65673	47.753	ug/l	96
13) Acrolein	3.729	56	45276	219.240	ug/l	98
14) Allyl chloride	4.479	41	80118	47.780	ug/l	99
15) Acrylonitrile	5.155	53	82337	218.364	ug/l	99
16) Acetone	3.948	43	98086	231.990	ug/l	100
17) Carbon Disulfide	4.192	76	152368	42.715	ug/l	98
18) Methyl Acetate	4.473	43	41025	40.369	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	191336	47.546	ug/l	100
20) Methylene Chloride	4.710	84	80181	50.834	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	72457	48.309	ug/l	98
22) Diisopropyl ether	6.113	45	172744	50.665	ug/l	97
23) Vinyl Acetate	6.052	43	494720	240.690	ug/l	99
24) 1,1-Dichloroethane	6.015	63	121046	49.662	ug/l	99
25) 2-Butanone	6.978	43	101368	216.089	ug/l	96
26) 2,2-Dichloropropane	6.978	77	133171	49.728	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	87152	50.072	ug/l	100
28) Bromochloromethane	7.332	49	46235	52.184	ug/l	100
29) Tetrahydrofuran	7.338	42	54002	212.937	ug/l	100
30) Chloroform	7.503	83	146999	50.023	ug/l	98
31) Cyclohexane	7.783	56	91980	45.287	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	143724	50.400	ug/l	99
36) 1,1-Dichloropropene	7.917	75	98049	49.359	ug/l	100
37) Ethyl Acetate	7.070	43	38388	42.828	ug/l	99
38) Carbon Tetrachloride	7.899	117	136757	51.287	ug/l	97
39) Methylcyclohexane	9.179	83	116031	48.543	ug/l	99
40) Benzene	8.155	78	292359	49.830	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	54451	110.883	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	94512	49.700	ug/l	100
43) Isopropyl Acetate	8.271	43	74148	44.617	ug/l	99
44) Trichloroethene	8.935	130	88569	49.591	ug/l	96
45) 1,2-Dichloropropane	9.210	63	63387	49.825	ug/l	97
46) Dibromomethane	9.301	93	40719	48.338	ug/l	99
47) Bromodichloromethane	9.496	83	110472	50.579	ug/l	98
48) Methyl methacrylate	9.289	41	34258	45.098	ug/l	98
49) 1,4-Dioxane	9.295	88	10859	933.820	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	198478	221.358	ug/l	99
52) Toluene	10.240	92	202865	50.988	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	109623	49.808	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	119849	50.320	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	61273	49.781	ug/l	95
56) Ethyl methacrylate	10.508	69	74251	48.015	ug/l	98
57) 1,3-Dichloropropane	10.789	76	95534	48.091	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	171531	246.778	ug/l	98
59) 2-Hexanone	10.831	43	151459	223.522	ug/l	100
60) Dibromochloromethane	10.984	129	82665	50.383	ug/l	100
61) 1,2-Dibromoethane	11.087	107	54992	47.683	ug/l	99
64) Tetrachloroethene	10.715	164	103886	54.225	ug/l	97
65) Chlorobenzene	11.514	112	221051	50.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	88177	51.697	ug/l	98
67) Ethyl Benzene	11.593	91	392091	51.312	ug/l	99
68) m/p-Xylenes	11.703	106	317838	104.206	ug/l	98
69) o-Xylene	12.026	106	150408	51.781	ug/l	99
70) Styrene	12.044	104	257952	52.363	ug/l	99
71) Bromoform	12.209	173	53534	49.656	ug/l #	99
73) Isopropylbenzene	12.331	105	413020	51.623	ug/l	99
74) N-amyl acetate	12.142	43	65118	44.962	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	58009	44.840	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	86772	78.539	ug/l #	100
77) Bromobenzene	12.611	156	97784	50.425	ug/l	96
78) n-propylbenzene	12.672	91	475445	51.630	ug/l	100
79) 2-Chlorotoluene	12.758	91	267717	51.212	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	353914	51.386	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22471	45.866	ug/l	99
82) 4-Chlorotoluene	12.855	91	280294	51.113	ug/l	99
83) tert-Butylbenzene	13.075	119	315428	52.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	348796	51.469	ug/l	99
85) sec-Butylbenzene	13.251	105	452927	52.420	ug/l	100
86) p-Isopropyltoluene	13.367	119	393137	52.448	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	196726	50.987	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	194424	50.305	ug/l	99
89) n-Butylbenzene	13.697	91	333355	52.036	ug/l	100
90) Hexachloroethane	13.959	117	70682	51.374	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	174045	50.143	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11249	43.695	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	110314	51.293	ug/l	99
94) Hexachlorobutadiene	15.111	225	69091	51.713	ug/l	100
95) Naphthalene	15.239	128	199010	48.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	93831	50.403	ug/l	99

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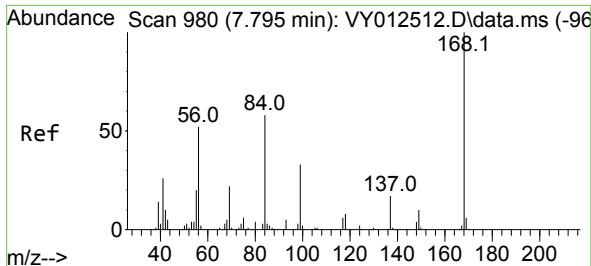
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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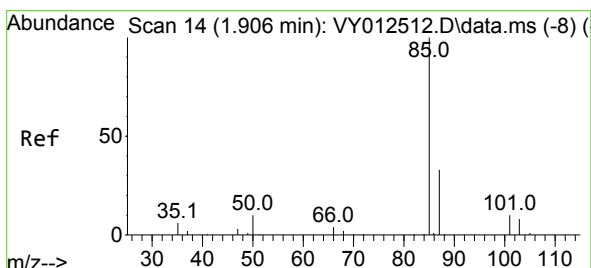
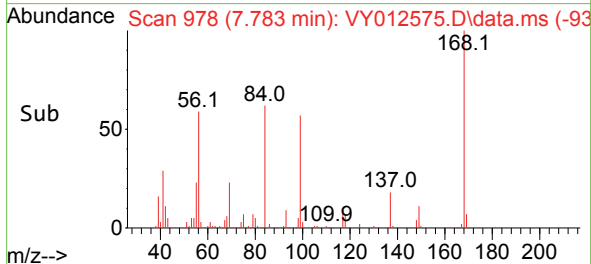
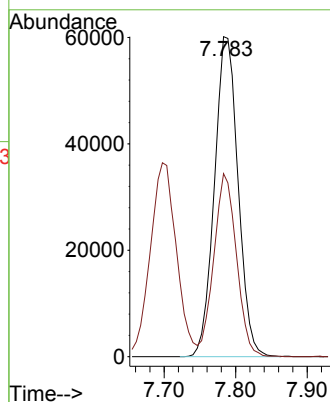
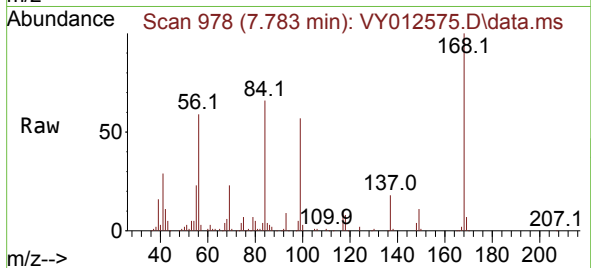




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012575.D
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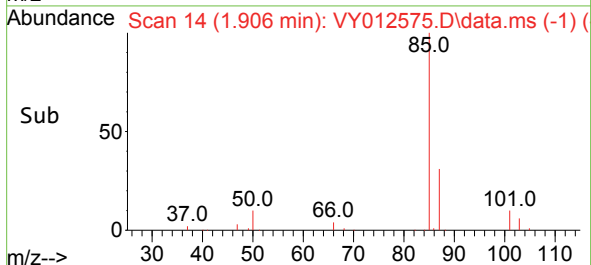
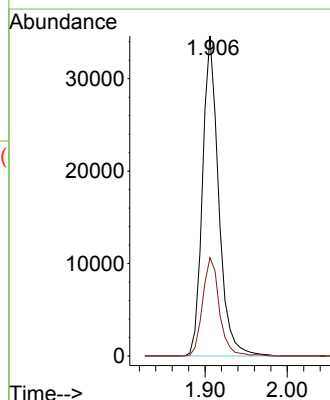
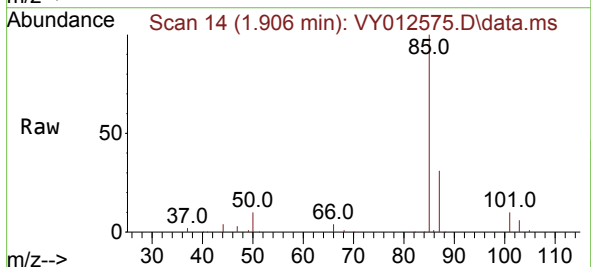
Instrument :
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ClientSampleId :

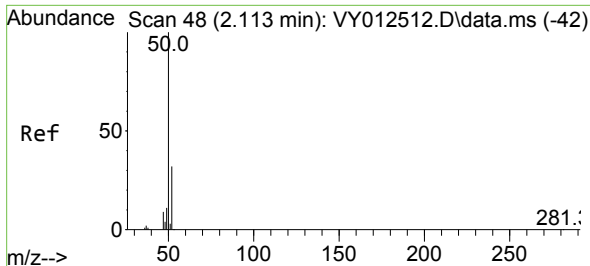
Tgt Ion:168 Resp: 138144
Ion Ratio Lower Upper
168 100
99 57.1 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 48.144 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 85 Resp: 47119
Ion Ratio Lower Upper
85 100
87 30.7 16.6 49.8

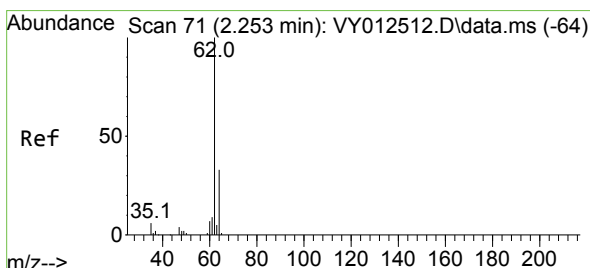
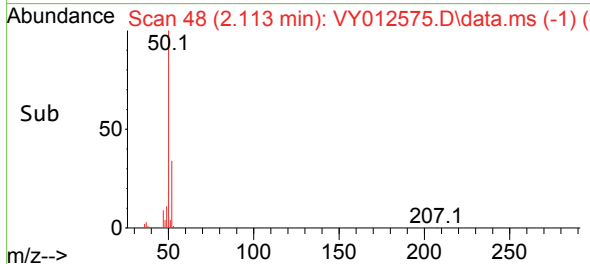
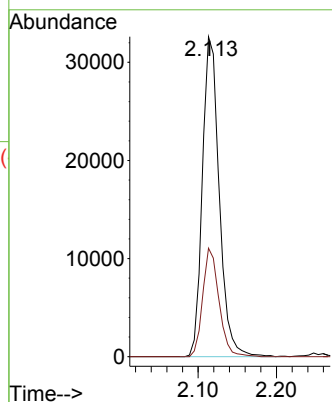
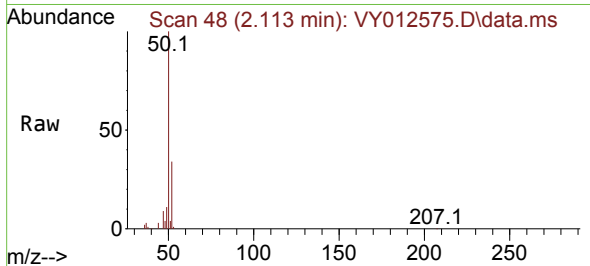




#3
Chloromethane
Concen: 45.267 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

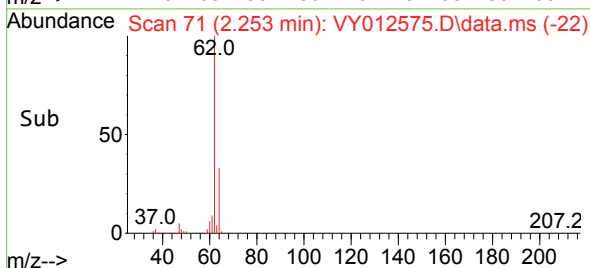
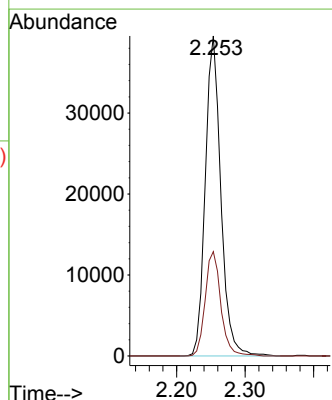
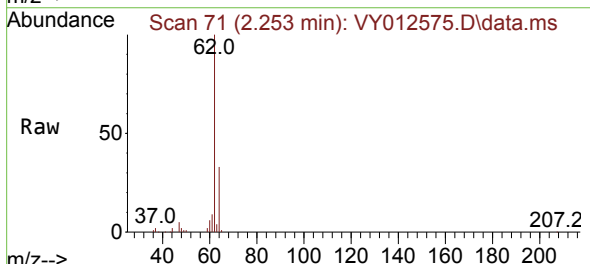
Instrument :
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ClientSampleId :

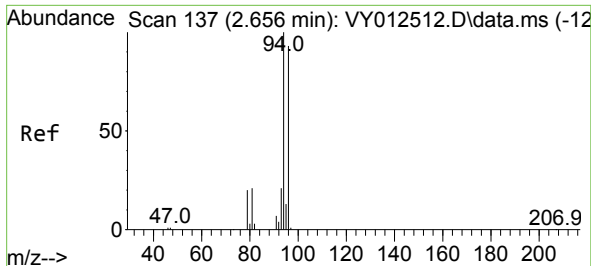
Tgt Ion: 50 Resp: 48723
Ion Ratio Lower Upper
50 100
52 33.9 25.8 38.6



#4
Vinyl Chloride
Concen: 46.583 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

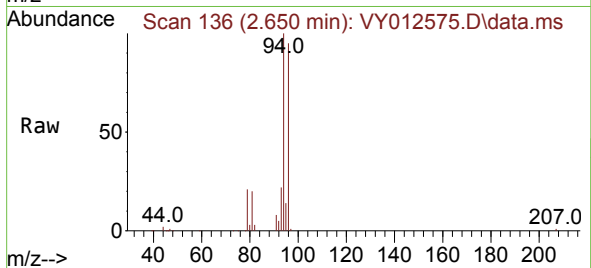
Tgt Ion: 62 Resp: 62466
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1



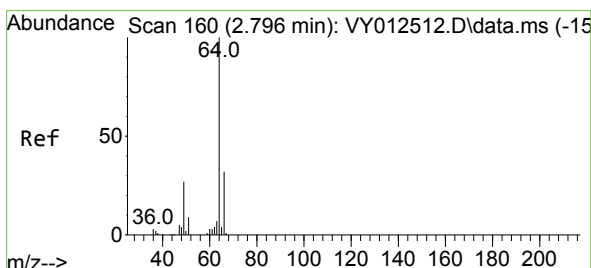
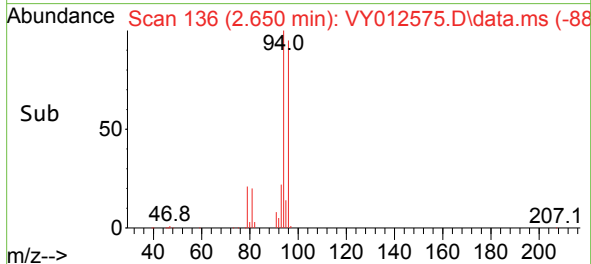
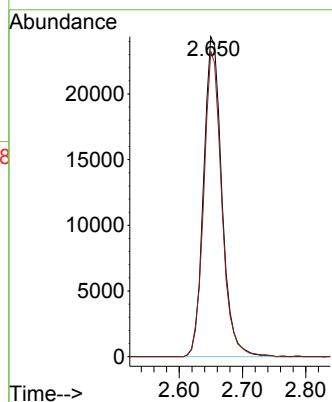


#5
Bromomethane
Concen: 49.959 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :

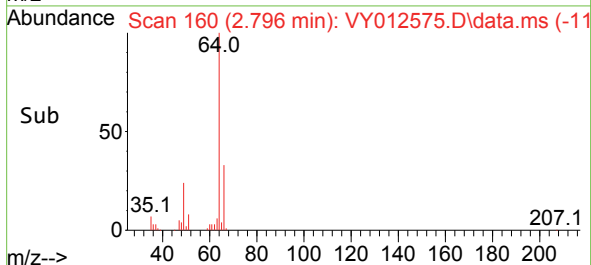
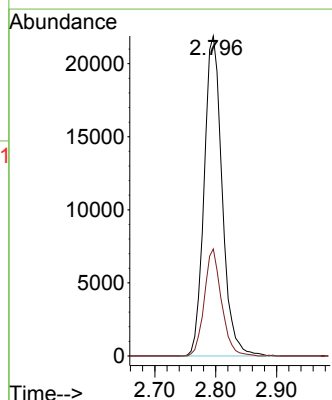
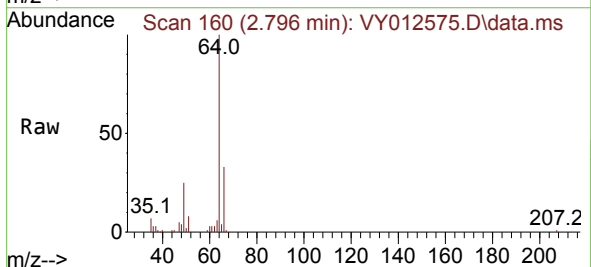


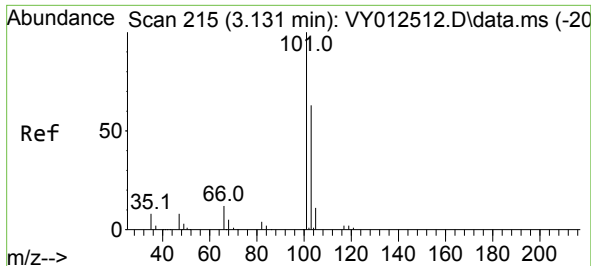
Tgt Ion: 94 Resp: 48907
Ion Ratio Lower Upper
94 100
96 95.3 74.7 112.1



#6
Chloroethane
Concen: 48.158 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 64 Resp: 44950
Ion Ratio Lower Upper
64 100
66 33.4 25.7 38.5

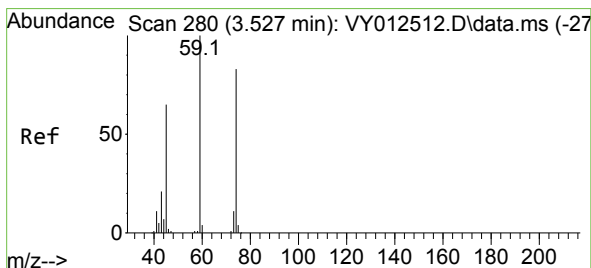
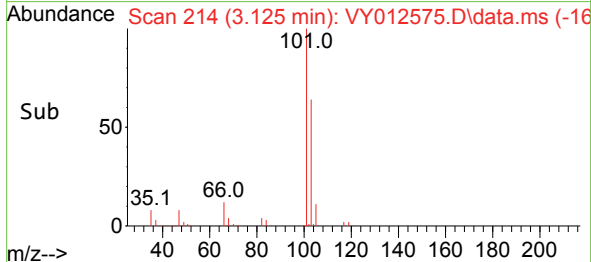
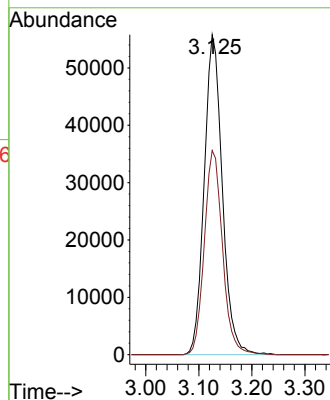
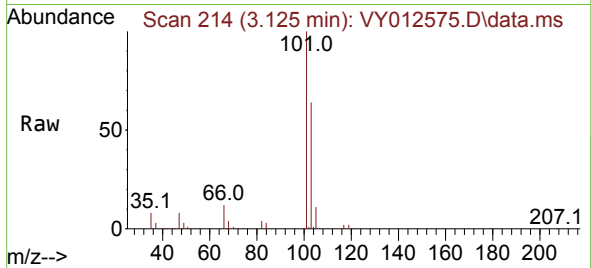




#7
 Trichlorofluoromethane
 Concen: 48.059 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012575.D
 Acq: 10 Feb 2023 15:54

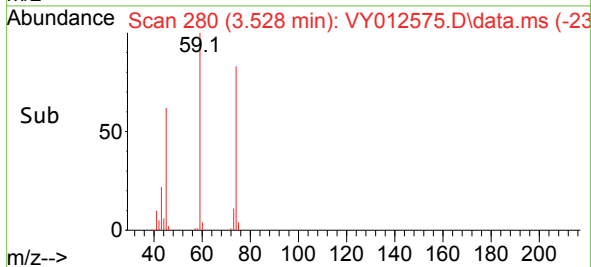
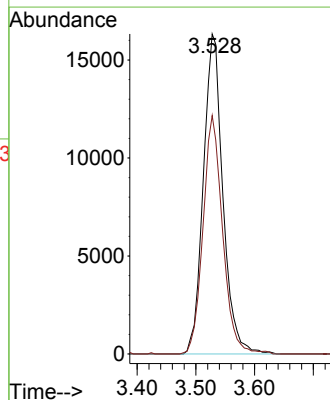
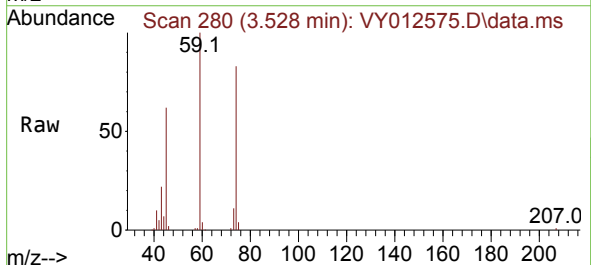
Instrument :
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 ClientSampleId :

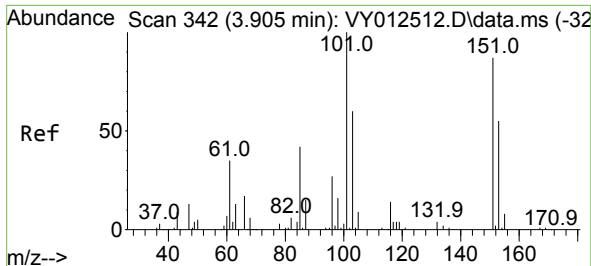
Tgt Ion:101 Resp: 132463
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 46.124 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY012575.D
 Acq: 10 Feb 2023 15:54

Tgt Ion: 74 Resp: 37697
 Ion Ratio Lower Upper
 74 100
 45 74.8 37.8 113.4

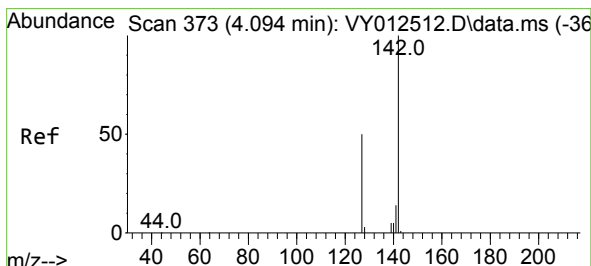
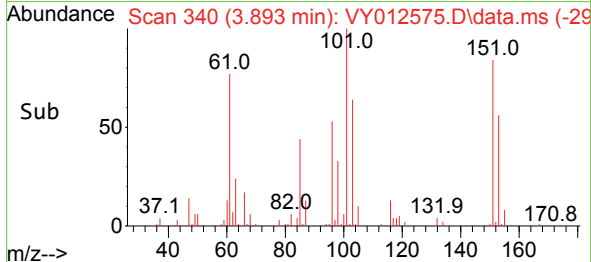
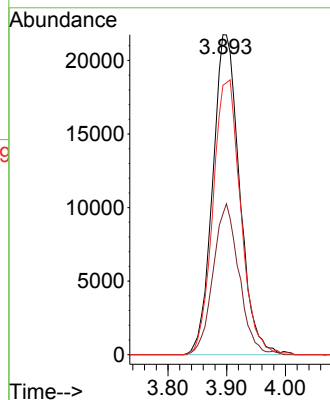
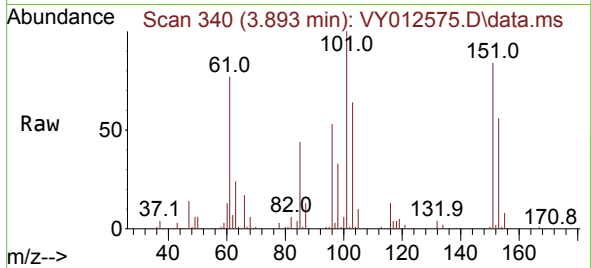




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.707 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

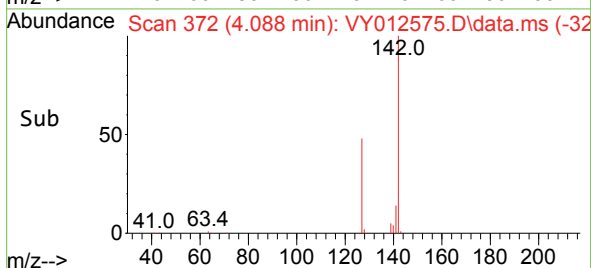
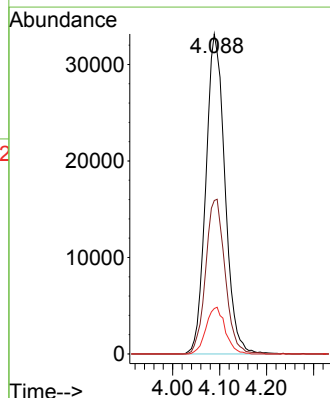
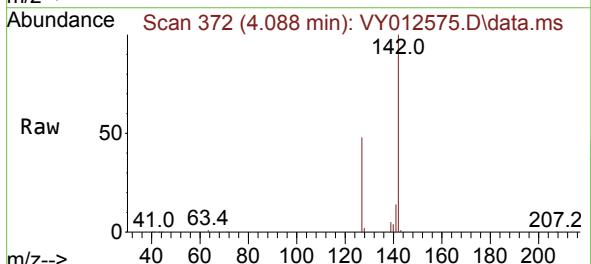
Instrument :
MSVOA_Y
ClientSampleId :

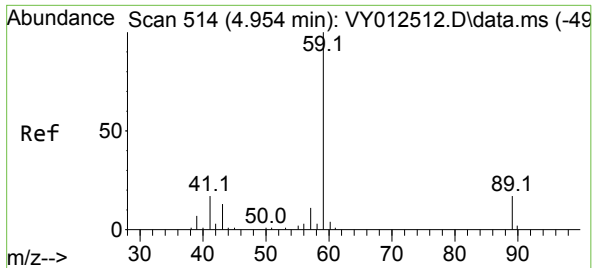
Tgt Ion:101 Resp: 69184
Ion Ratio Lower Upper
101 100
85 45.5 36.1 54.1
151 88.5 70.7 106.1



#10
Methyl Iodide
Concen: 51.725 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion:142 Resp: 93331
Ion Ratio Lower Upper
142 100
127 49.2 39.8 59.6
141 14.7 11.6 17.4

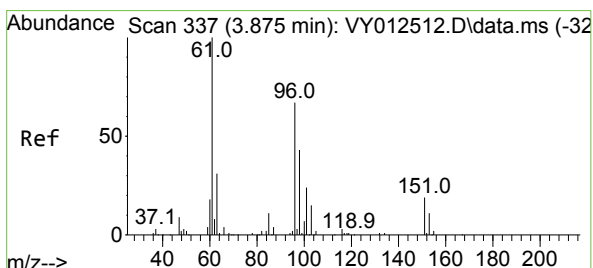
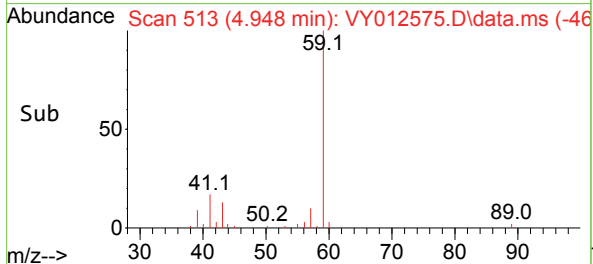
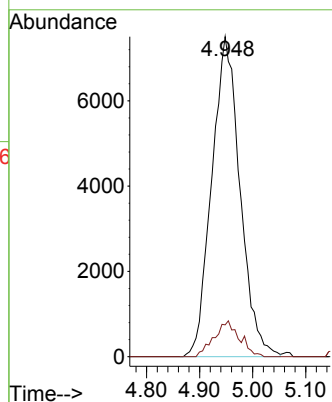
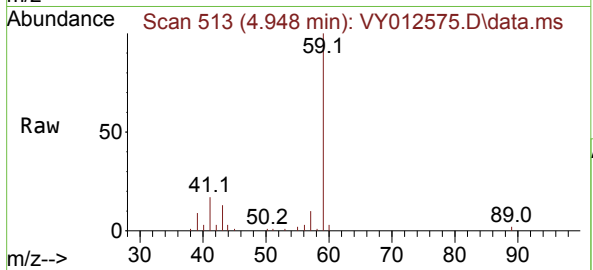




#11
Tert butyl alcohol
Concen: 160.563 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

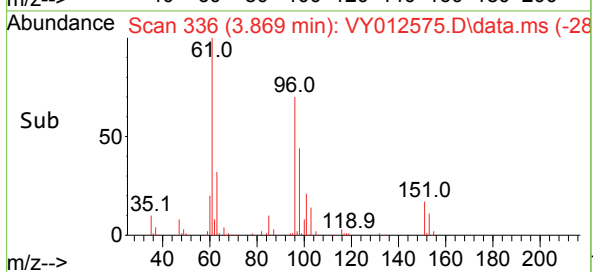
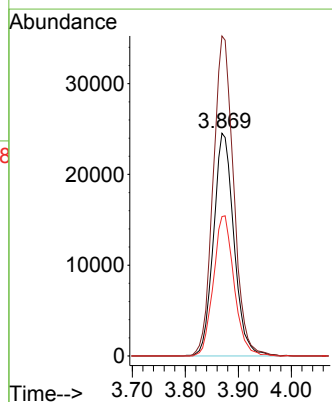
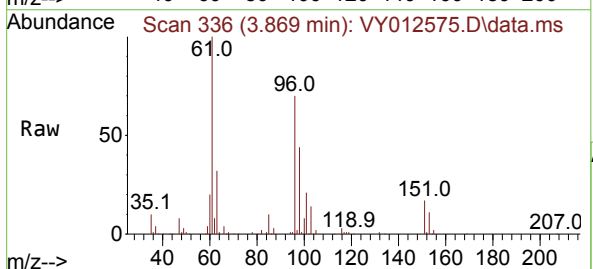
Instrument :
MSVOA_Y
ClientSampleId :

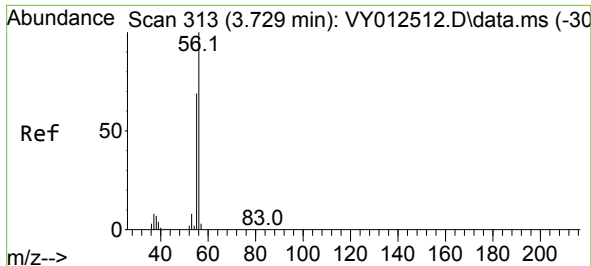
Tgt Ion: 59 Resp: 27783
Ion Ratio Lower Upper
59 100
57 10.0 7.2 10.8



#12
1,1-Dichloroethene
Concen: 47.753 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 96 Resp: 65673
Ion Ratio Lower Upper
96 100
61 143.7 119.4 179.2
98 62.6 51.9 77.9





#13

Acrolein

Concen: 219.240 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

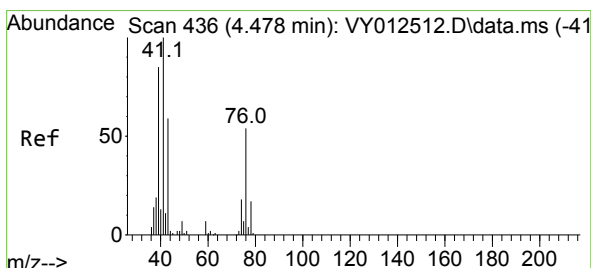
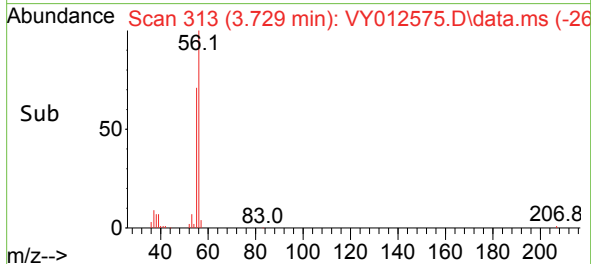
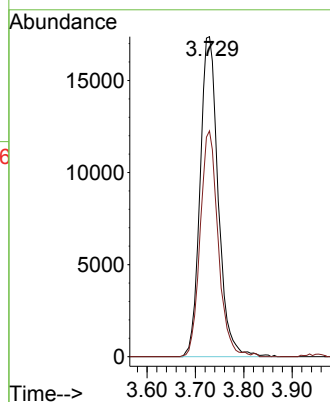
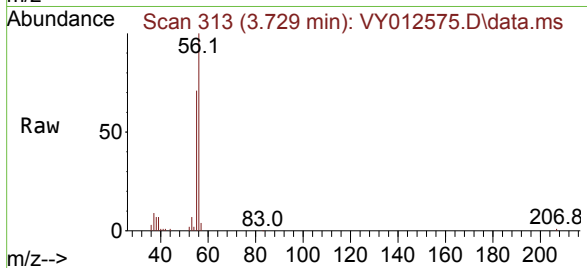
ClientSampleId :

Tgt Ion: 56 Resp: 45276

Ion Ratio Lower Upper

56 100

55 69.7 57.0 85.4



#14

Allyl chloride

Concen: 47.780 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

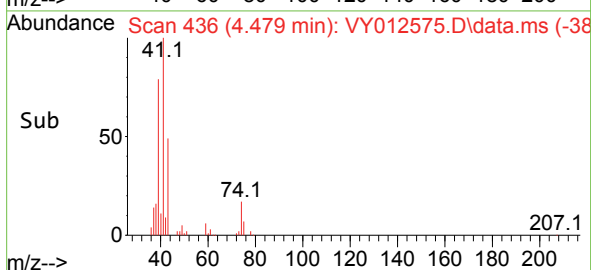
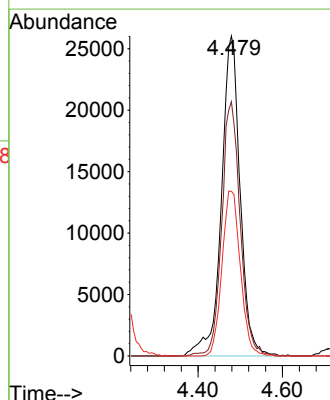
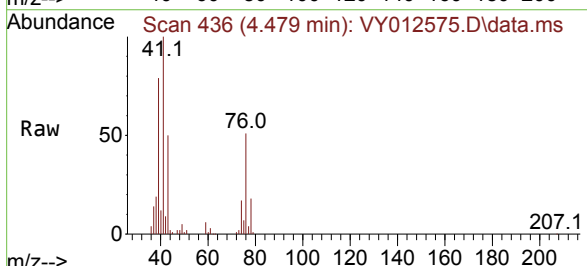
Tgt Ion: 41 Resp: 80118

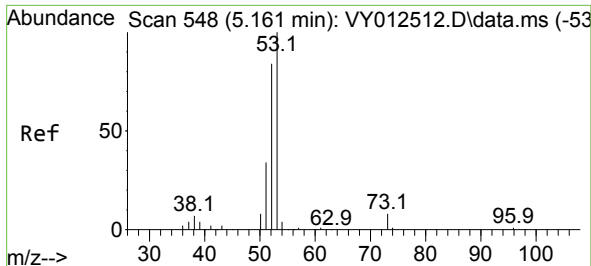
Ion Ratio Lower Upper

41 100

39 78.1 62.6 94.0

76 50.5 39.6 59.4

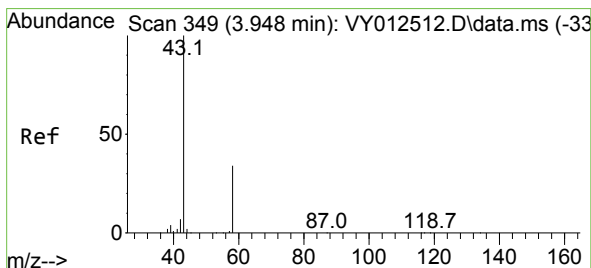
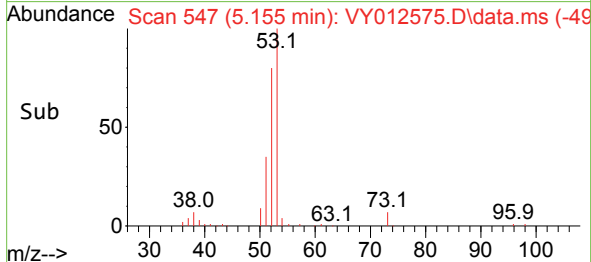
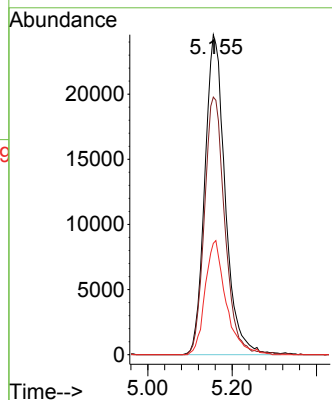
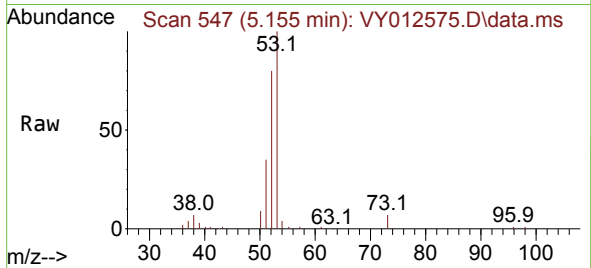




#15
Acrylonitrile
Concen: 218.364 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

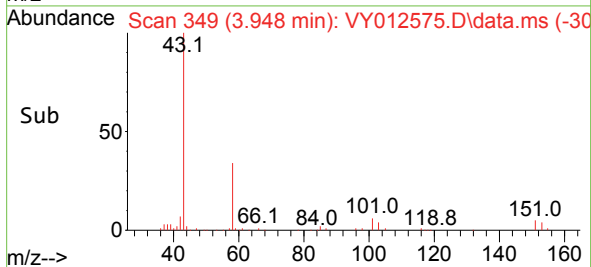
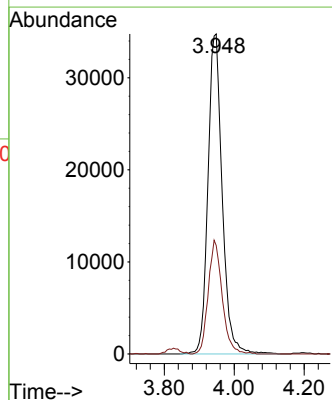
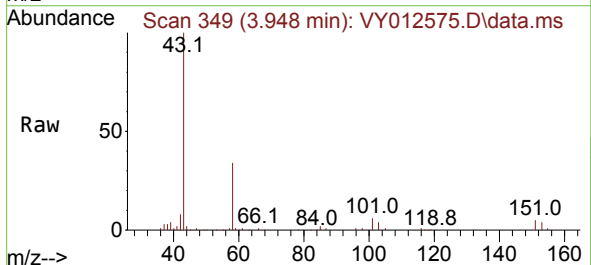
Instrument :
MSVOA_Y
ClientSampleId :

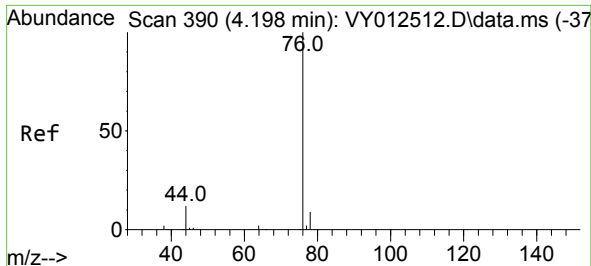
Tgt Ion: 53 Resp: 82337
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.4
51 36.7 28.7 43.1



#16
Acetone
Concen: 231.990 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 43 Resp: 98086
Ion Ratio Lower Upper
43 100
58 33.9 27.1 40.7





#17

Carbon Disulfide

Concen: 42.715 ug/l

RT: 4.192 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

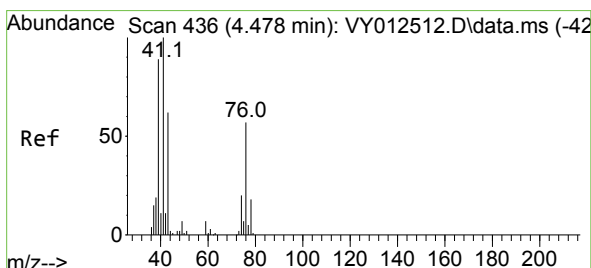
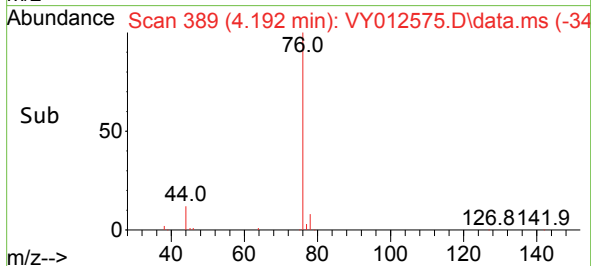
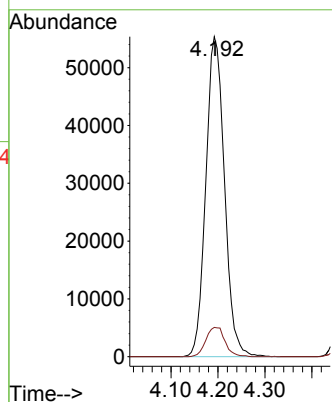
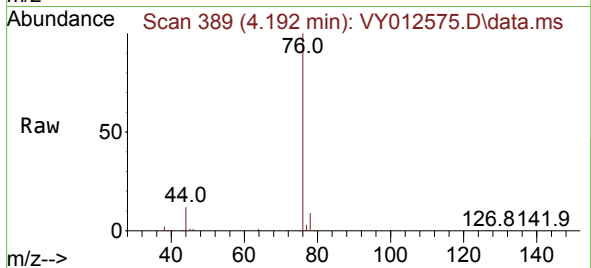
ClientSampleId :

Tgt Ion: 76 Resp: 152368

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



#18

Methyl Acetate

Concen: 40.369 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY012575.D

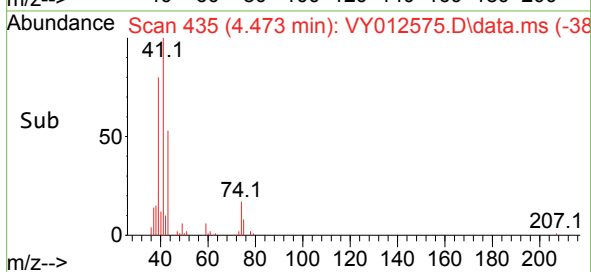
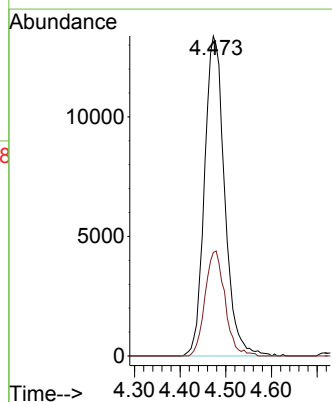
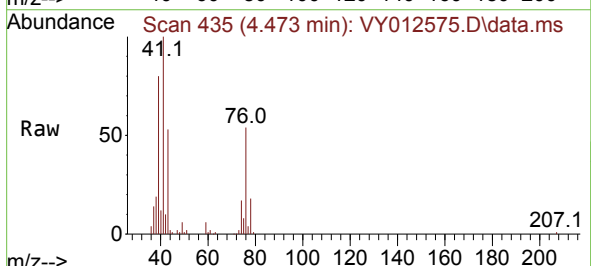
Acq: 10 Feb 2023 15:54

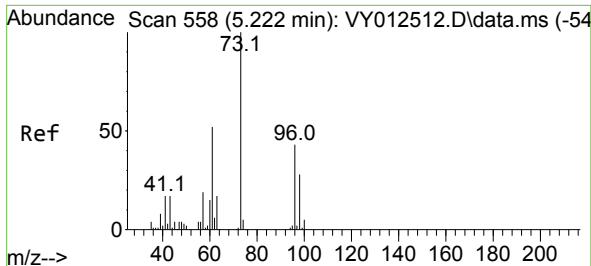
Tgt Ion: 43 Resp: 41025

Ion Ratio Lower Upper

43 100

74 32.5 25.6 38.4

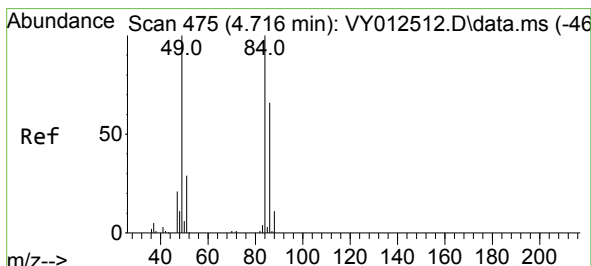
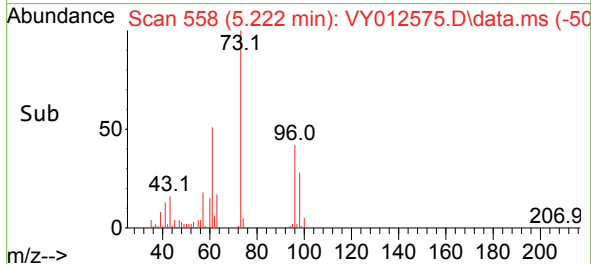
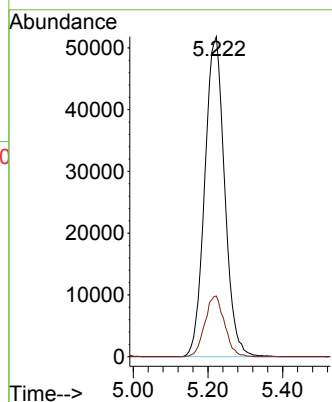
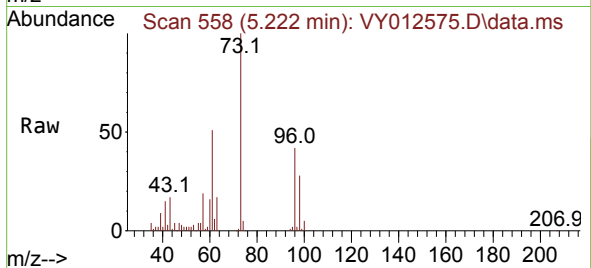




#19
Methyl tert-butyl Ether
Concen: 47.546 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

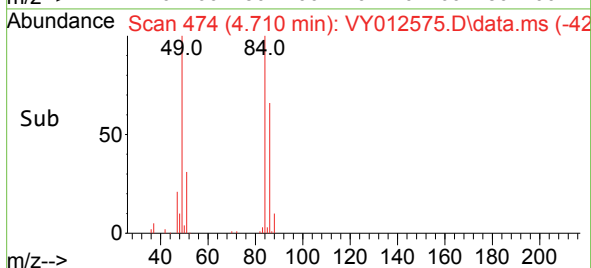
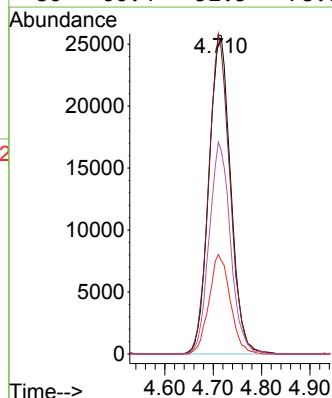
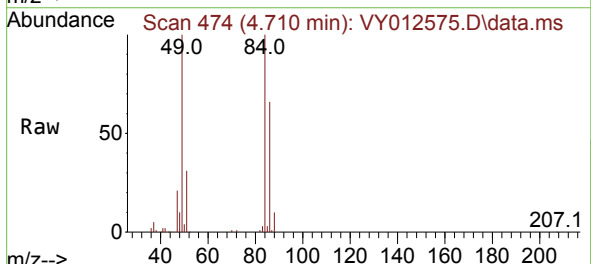
Instrument :
MSVOA_Y
ClientSampleId :

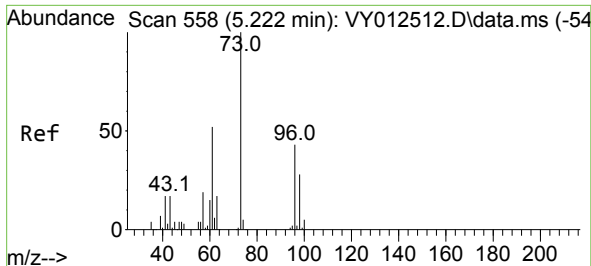
Tgt Ion: 73 Resp: 191336
Ion Ratio Lower Upper
73 100
57 19.0 15.3 22.9



#20
Methylene Chloride
Concen: 50.834 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

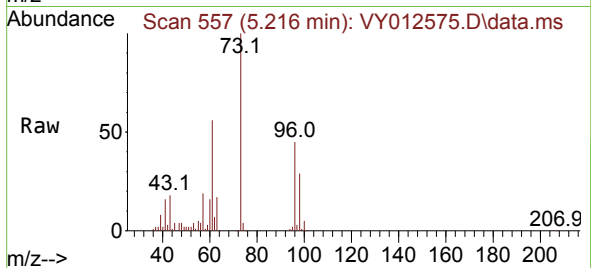
Tgt Ion: 84 Resp: 80181
Ion Ratio Lower Upper
84 100
49 100.3 79.8 119.6
51 31.2 23.4 35.2
86 66.4 52.5 78.7



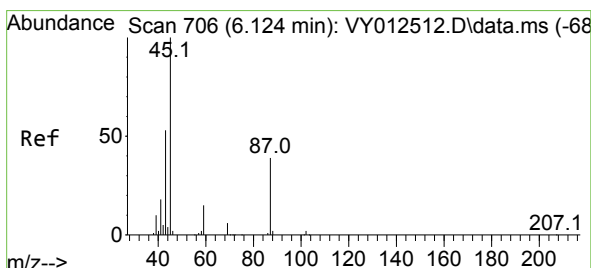
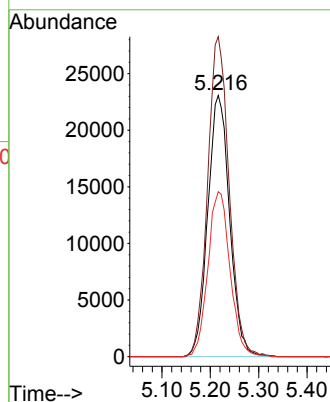
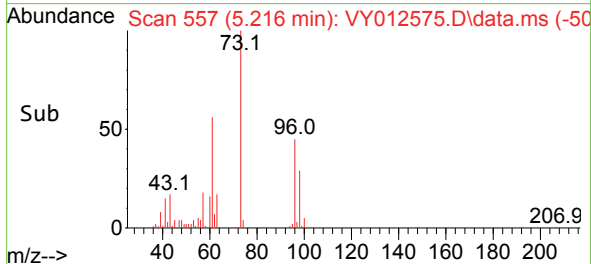


#21
trans-1,2-Dichloroethene
Concen: 48.309 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

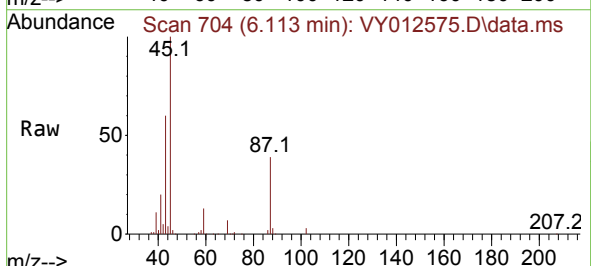
Instrument :
MSVOA_Y
ClientSampleId :



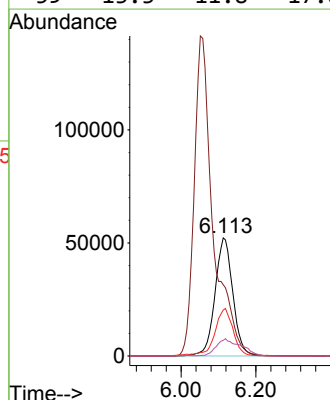
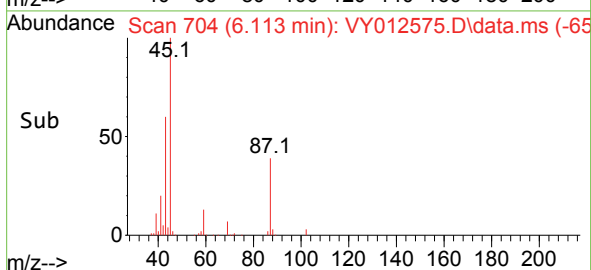
Tgt Ion: 96 Resp: 72457
Ion Ratio Lower Upper
96 100
61 122.5 96.2 144.4
98 63.1 51.6 77.4

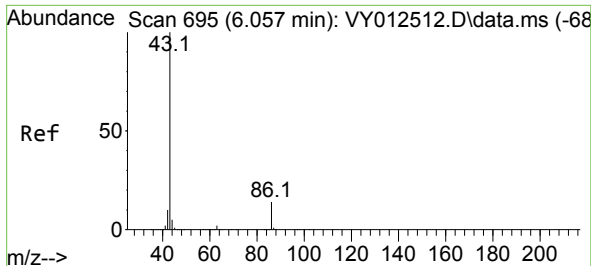


#22
Diisopropyl ether
Concen: 50.665 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54



Tgt Ion: 45 Resp: 172744
Ion Ratio Lower Upper
45 100
43 60.0 45.9 68.9
87 38.9 32.2 48.4
59 13.3 11.8 17.8

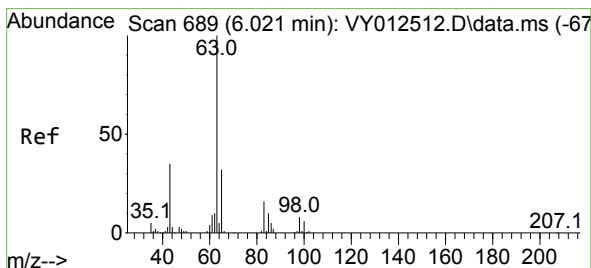
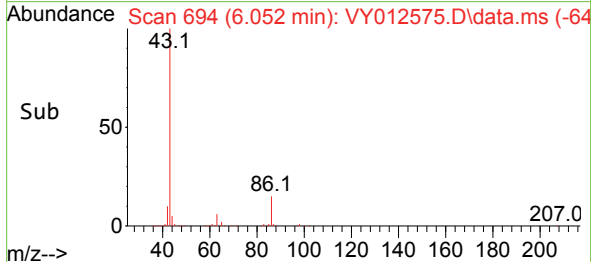
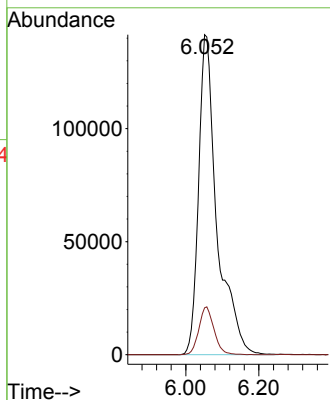
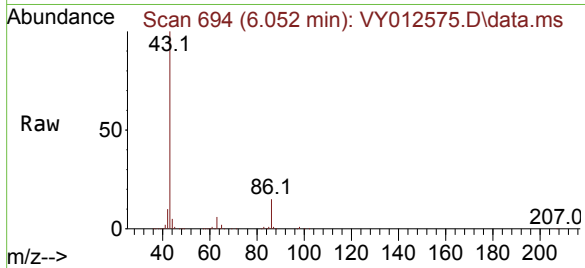




#23
 Vinyl Acetate
 Concen: 240.690 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY012575.D
 Acq: 10 Feb 2023 15:54

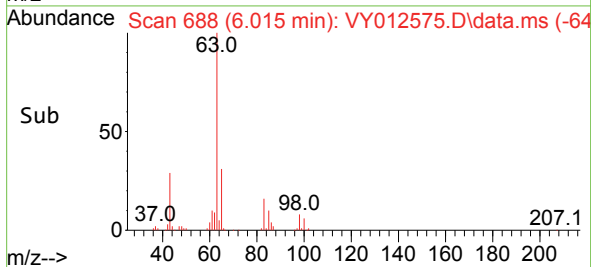
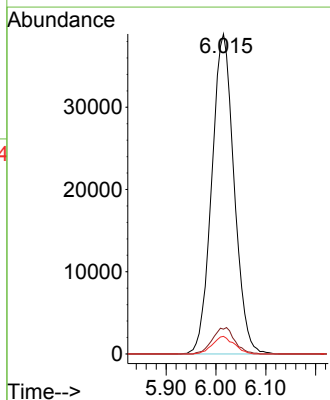
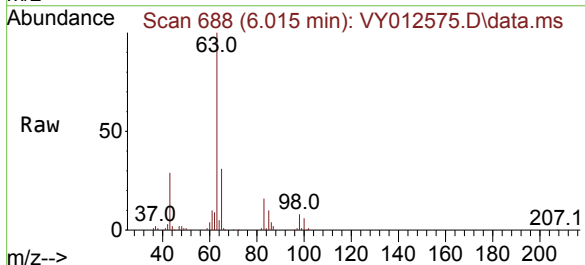
Instrument :
 MSVOA_Y
 ClientSampleId :

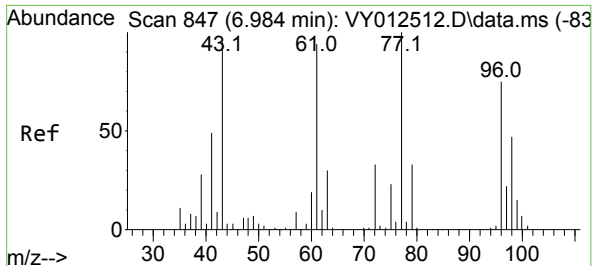
Tgt Ion: 43 Resp: 494720
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 49.662 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012575.D
 Acq: 10 Feb 2023 15:54

Tgt Ion: 63 Resp: 121046
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.1 12.3
 100 5.5 2.9 8.8





#25

2-Butanone

Concen: 216.089 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

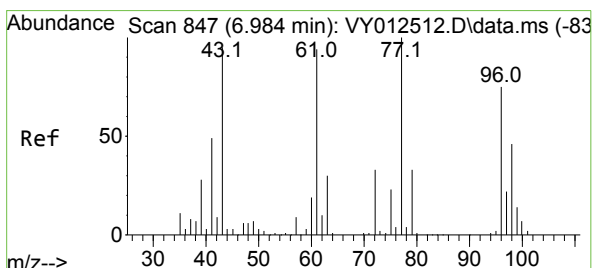
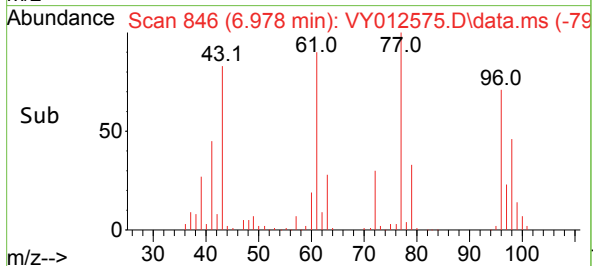
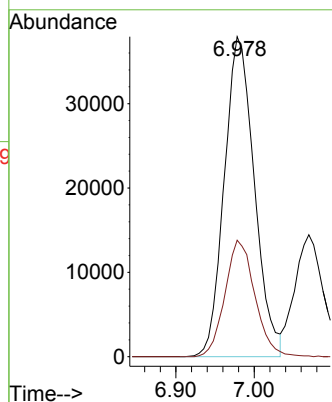
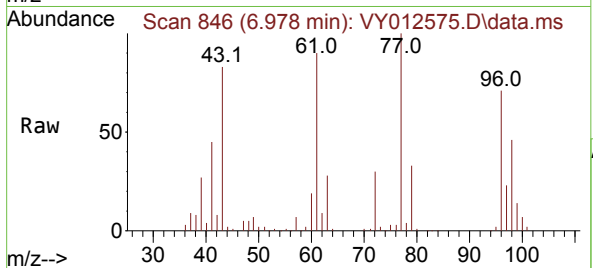
ClientSampleId :

Tgt Ion: 43 Resp: 101368

Ion Ratio Lower Upper

43 100

72 36.4 27.4 41.2



#26

2,2-Dichloropropane

Concen: 49.728 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012575.D

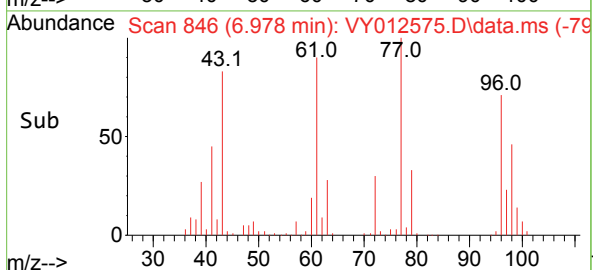
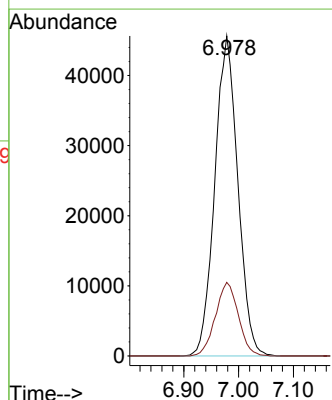
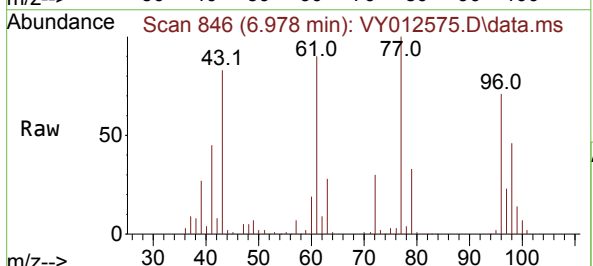
Acq: 10 Feb 2023 15:54

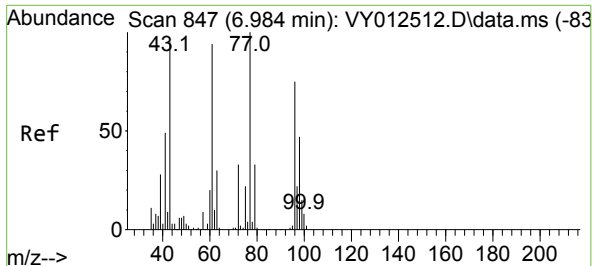
Tgt Ion: 77 Resp: 133171

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.072 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

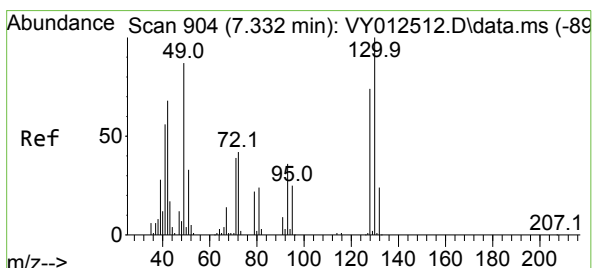
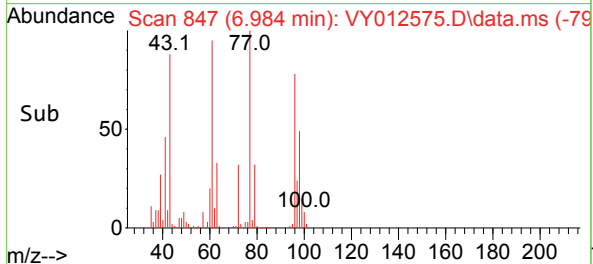
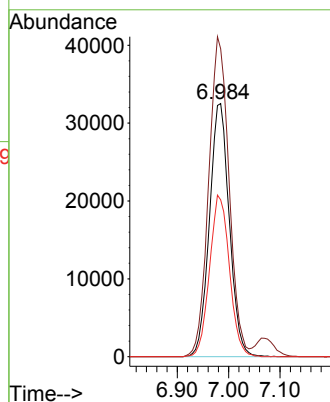
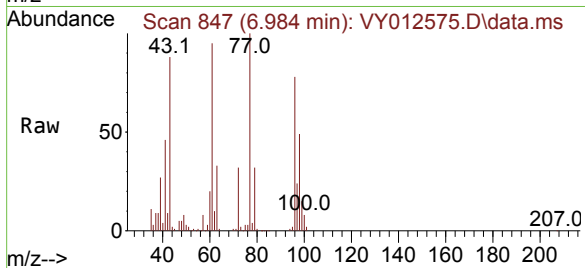
Tgt Ion: 96 Resp: 87152

Ion Ratio Lower Upper

96 100

61 129.4 0.0 259.2

98 63.9 0.0 129.0



#28

Bromochloromethane

Concen: 52.184 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

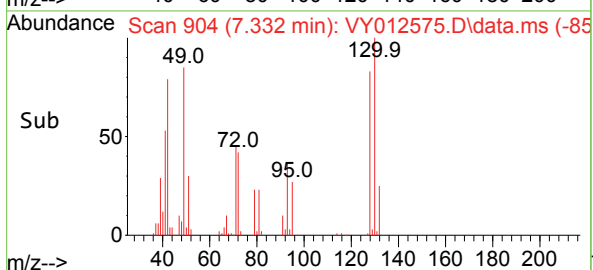
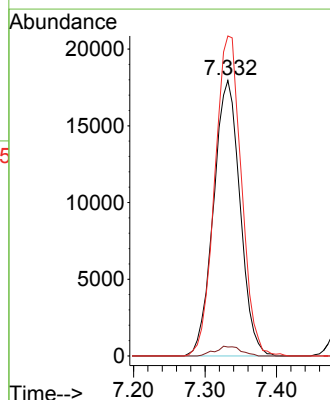
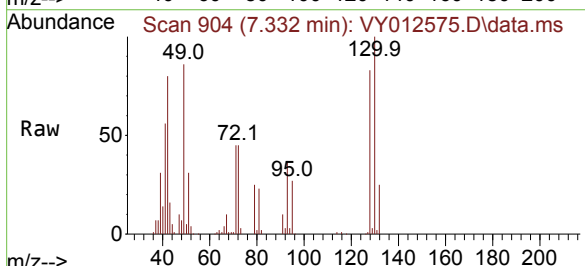
Tgt Ion: 49 Resp: 46235

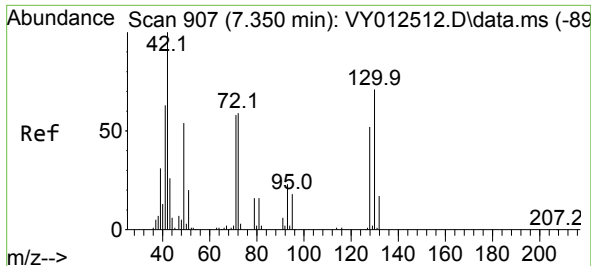
Ion Ratio Lower Upper

49 100

129 3.4 0.0 6.0

130 116.6 93.1 139.7





#29

Tetrahydrofuran

Concen: 212.937 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

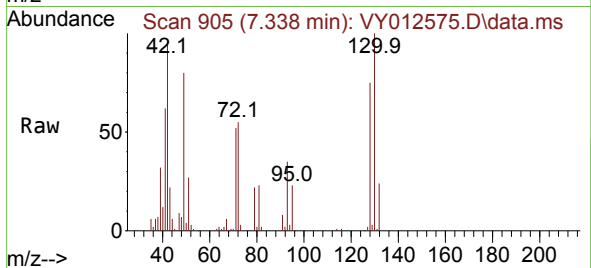
Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :



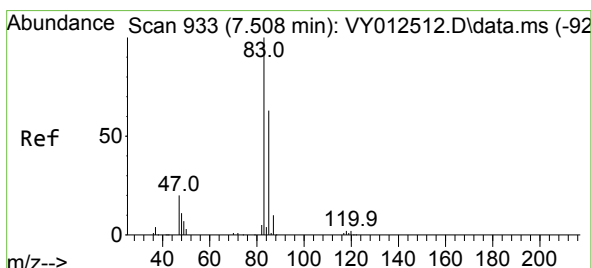
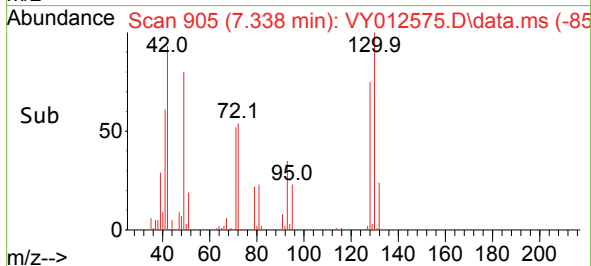
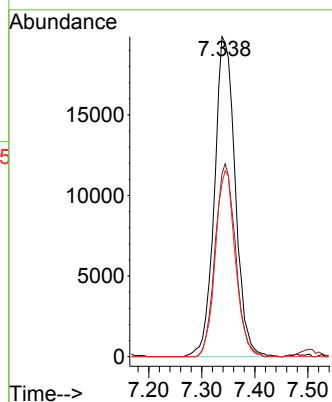
Tgt Ion: 42 Resp: 54002

Ion Ratio Lower Upper

42 100

72 59.1 47.0 70.6

71 56.0 44.6 66.8



#30

Chloroform

Concen: 50.023 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012575.D

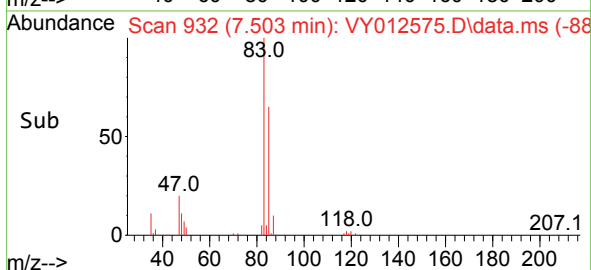
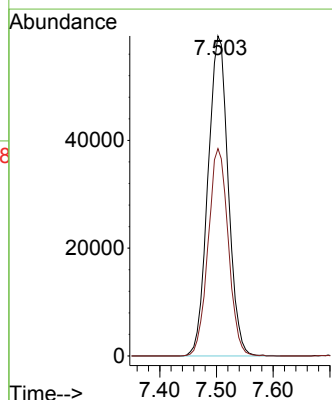
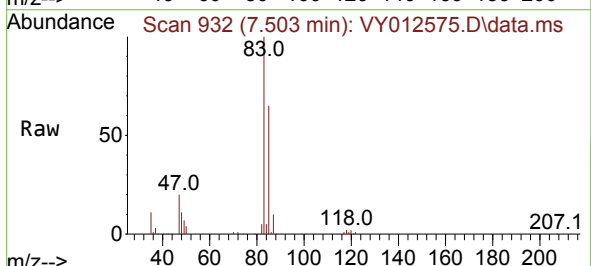
Acq: 10 Feb 2023 15:54

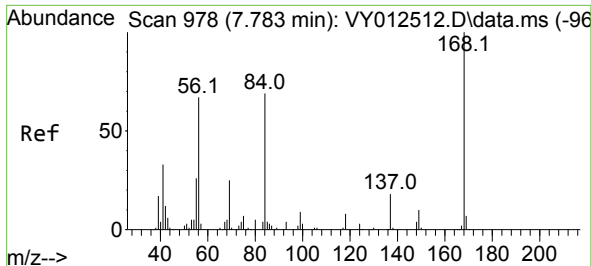
Tgt Ion: 83 Resp: 146999

Ion Ratio Lower Upper

83 100

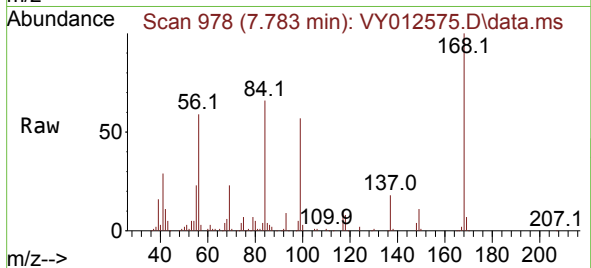
85 64.8 50.8 76.2



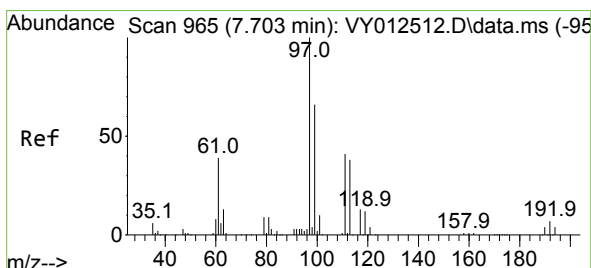
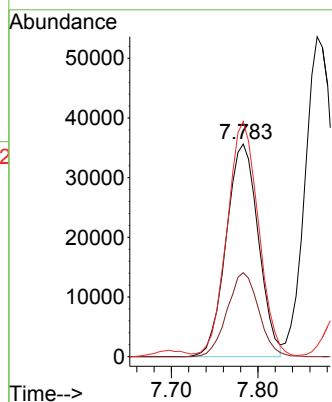
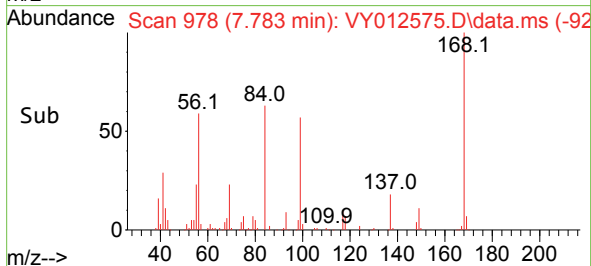


#31
Cyclohexane
Concen: 45.287 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :

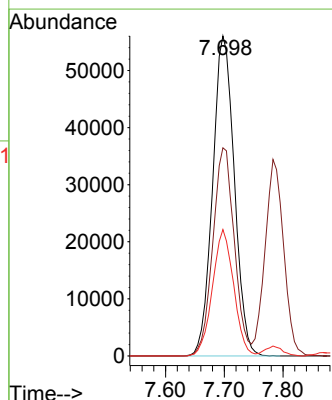
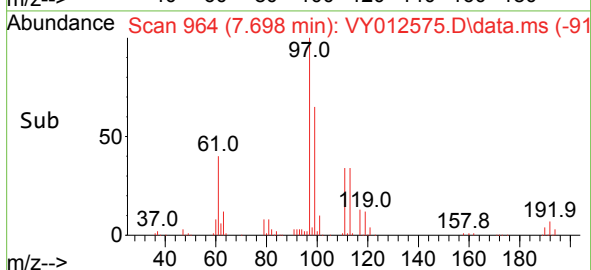
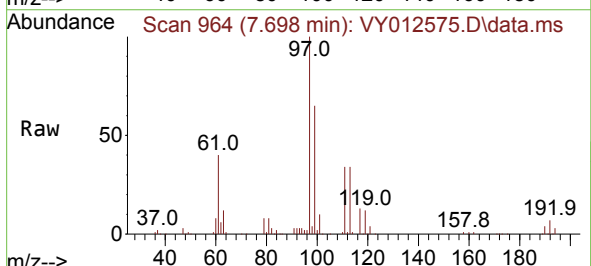


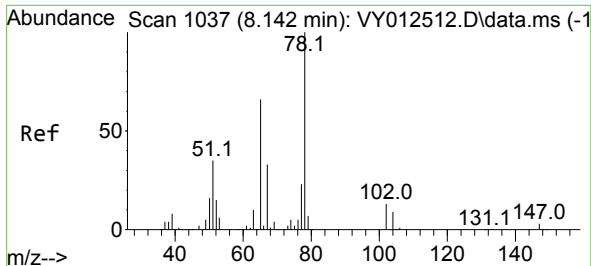
Tgt Ion: 56 Resp: 91980
Ion Ratio Lower Upper
56 100
69 39.5 29.5 44.3
84 108.1 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 50.400 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 97 Resp: 143724
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 38.6 30.5 45.7

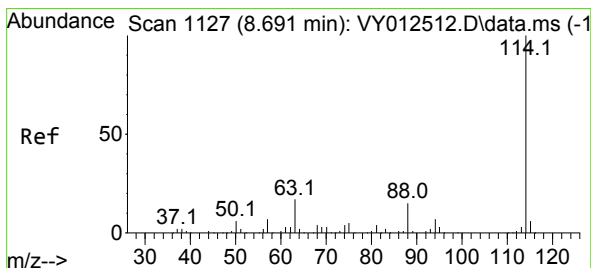
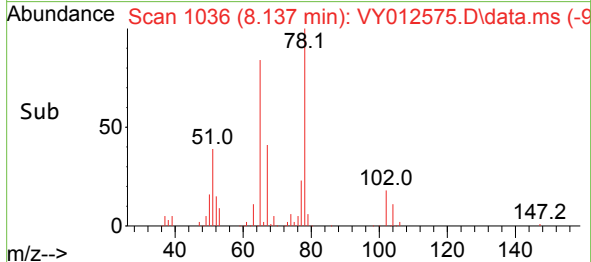
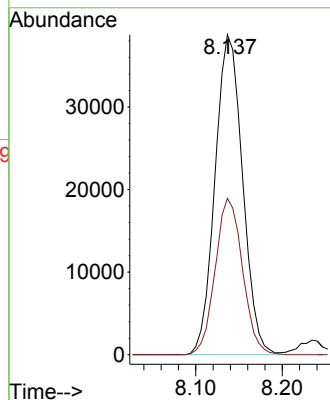
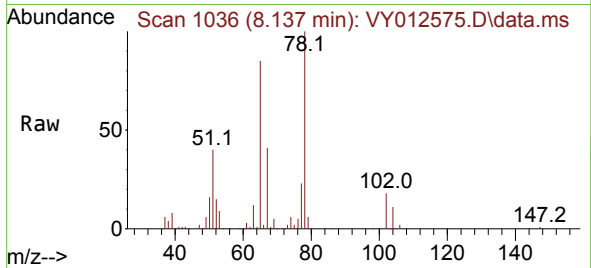




#33
1,2-Dichloroethane-d4
Concen: 48.723 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

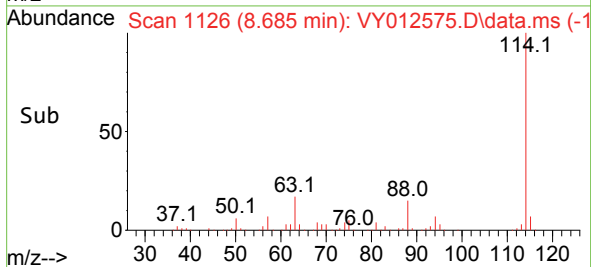
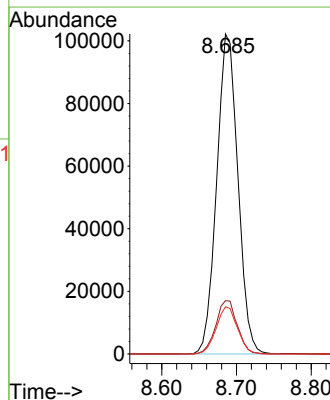
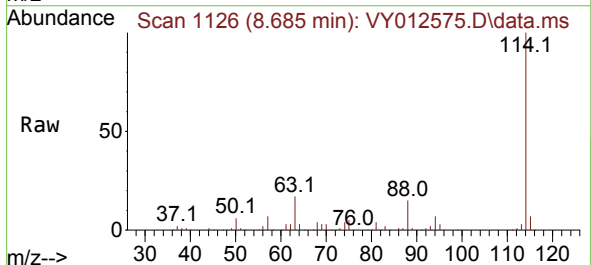
Instrument :
MSVOA_Y
ClientSampleId :

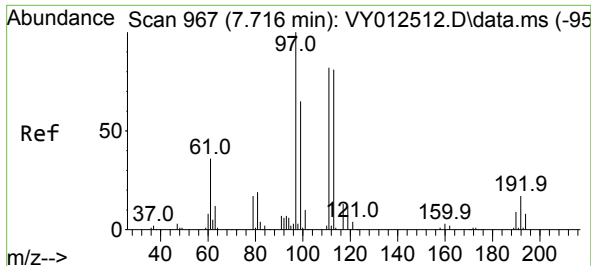
Tgt Ion: 65 Resp: 85591
Ion Ratio Lower Upper
65 100
67 48.4 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

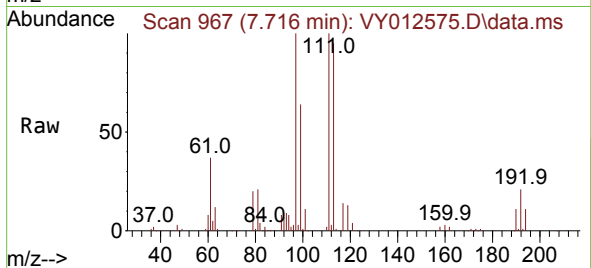
Tgt Ion: 114 Resp: 201539
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.6
88 14.8 0.0 29.8



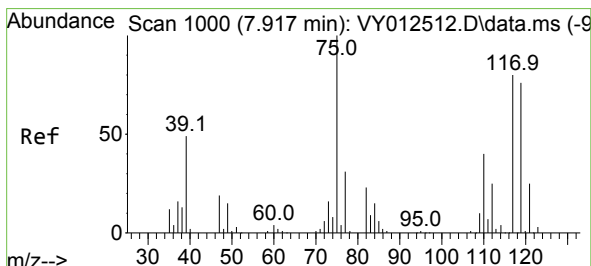
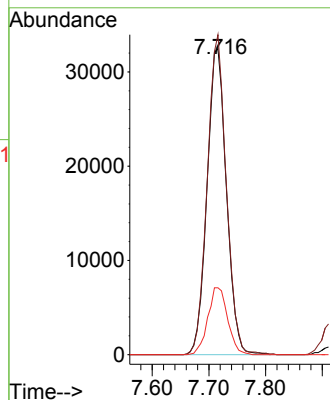
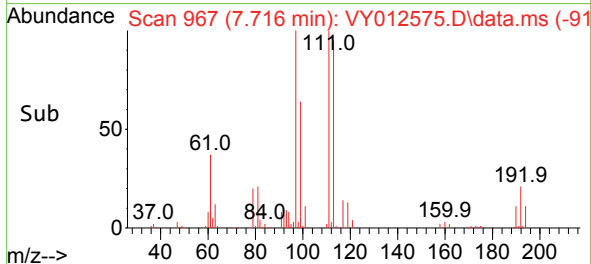


#35
Dibromofluoromethane
Concen: 52.599 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

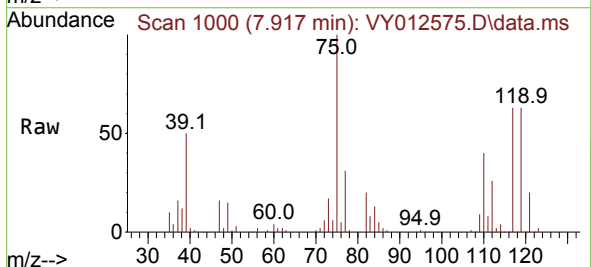
Instrument :
MSVOA_Y
ClientSampleId :



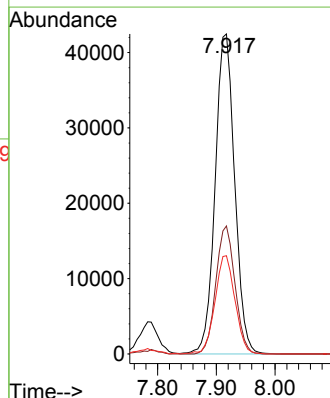
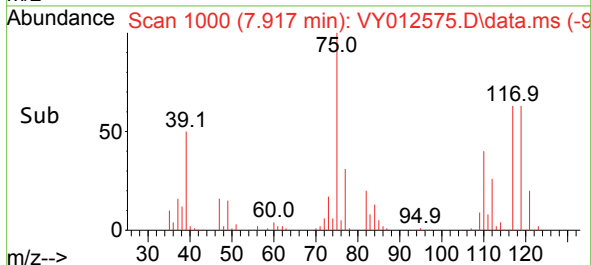
Tgt Ion:113 Resp: 77201
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 22.4 17.5 26.3

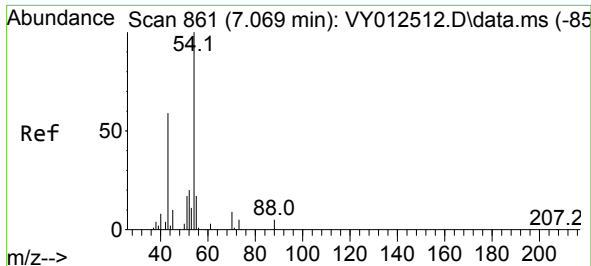


#36
1,1-Dichloropropene
Concen: 49.359 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54



Tgt Ion: 75 Resp: 98049
Ion Ratio Lower Upper
75 100
110 39.2 19.5 58.5
77 31.5 24.9 37.3





#37

Ethyl Acetate

Concen: 42.828 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

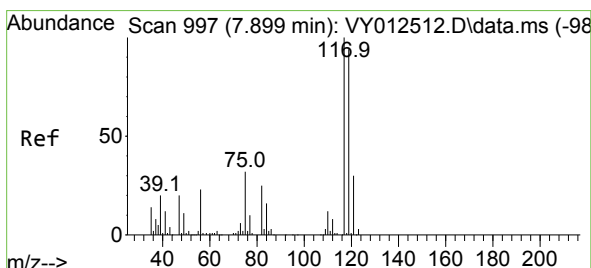
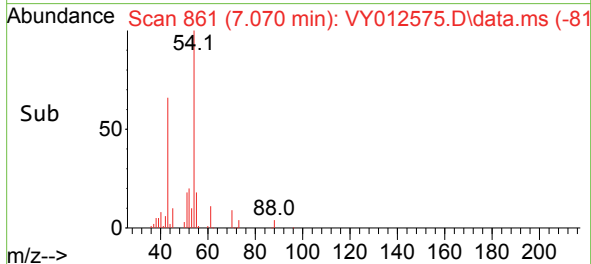
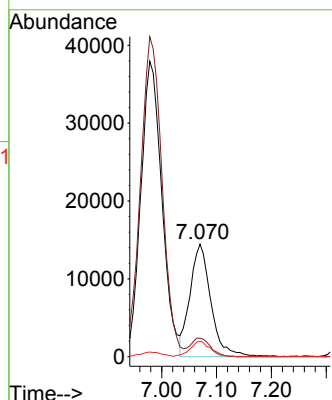
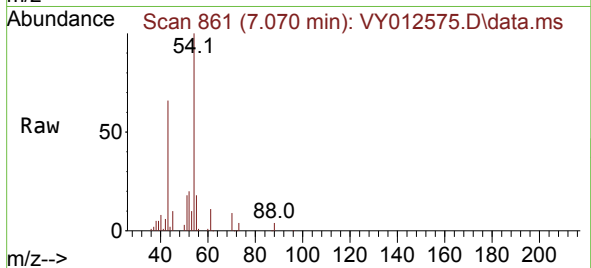
Tgt Ion: 43 Resp: 38388

Ion Ratio Lower Upper

43 100

61 16.1 12.5 18.7

70 13.0 11.0 16.4



#38

Carbon Tetrachloride

Concen: 51.287 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

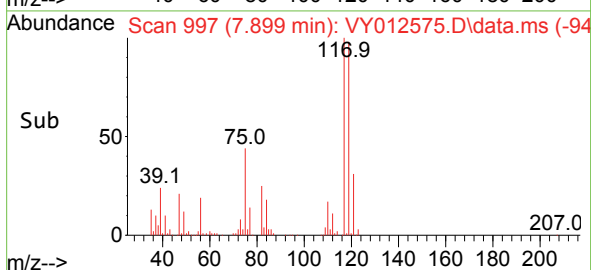
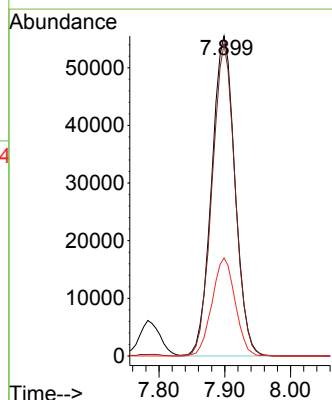
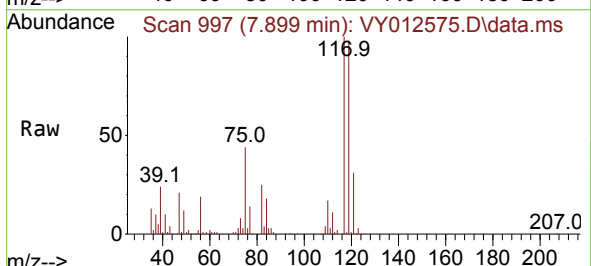
Tgt Ion: 117 Resp: 136757

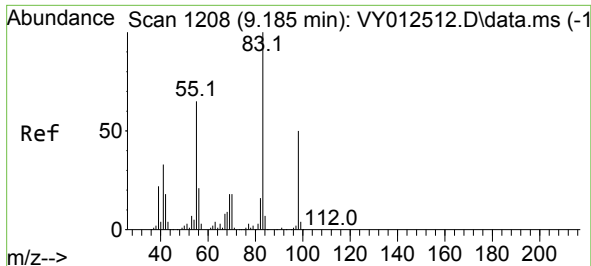
Ion Ratio Lower Upper

117 100

119 97.5 75.1 112.7

121 30.6 24.3 36.5





#39

Methylcyclohexane

Concen: 48.543 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

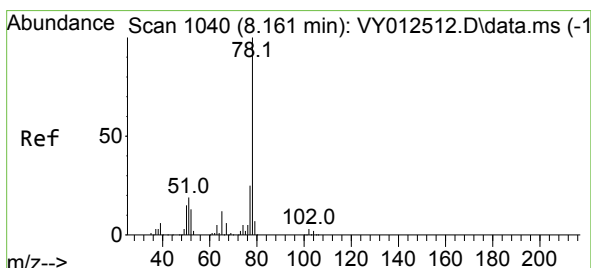
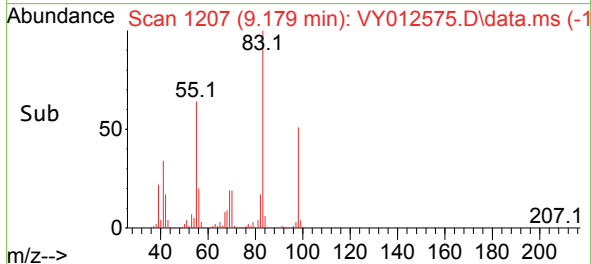
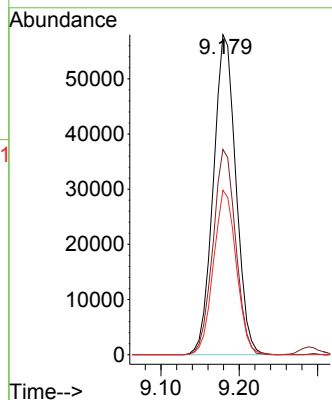
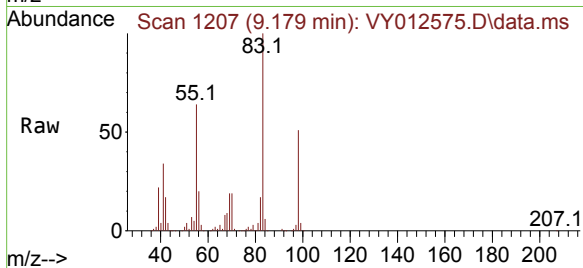
Tgt Ion: 83 Resp: 116031

Ion Ratio Lower Upper

83 100

55 64.2 52.0 78.0

98 51.4 40.4 60.6



#40

Benzene

Concen: 49.830 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012575.D

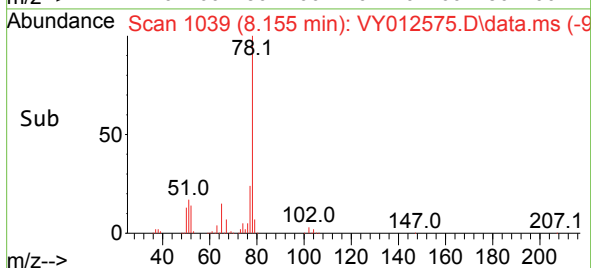
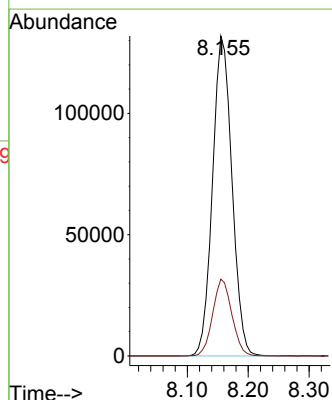
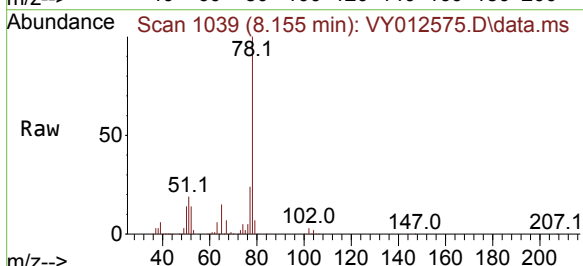
Acq: 10 Feb 2023 15:54

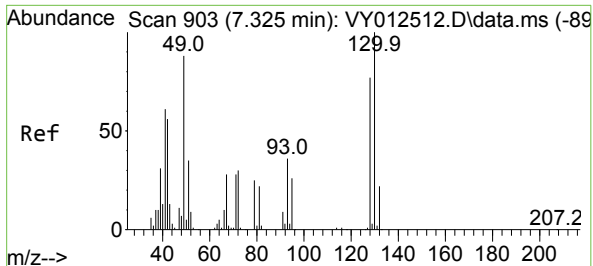
Tgt Ion: 78 Resp: 292359

Ion Ratio Lower Upper

78 100

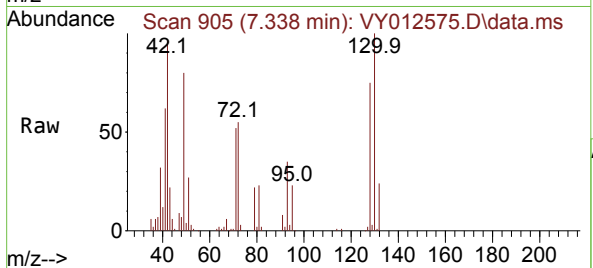
77 24.0 19.9 29.9



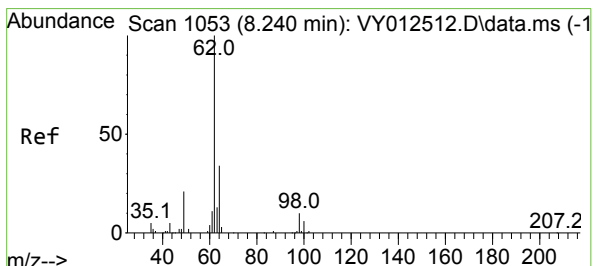
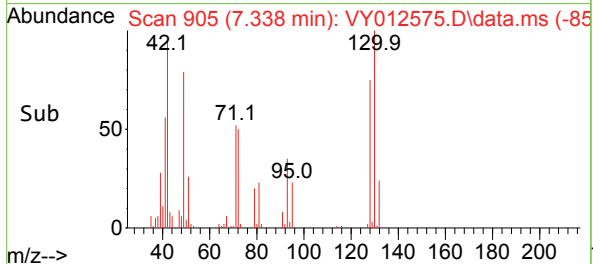
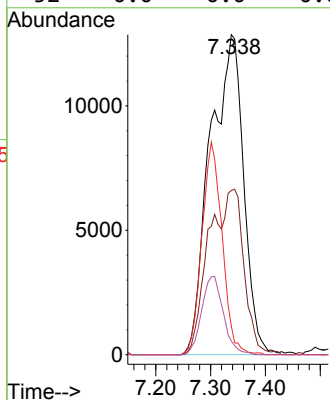


#41
Methacrylonitrile
Concen: 110.883 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :

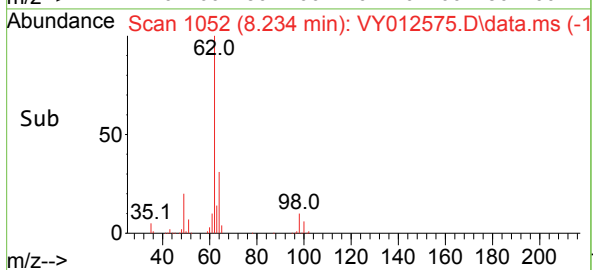
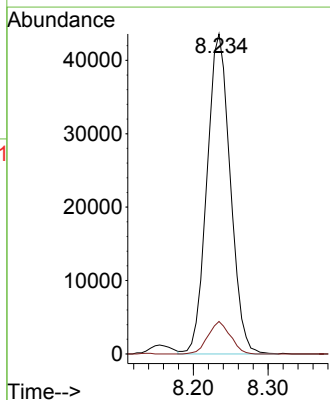
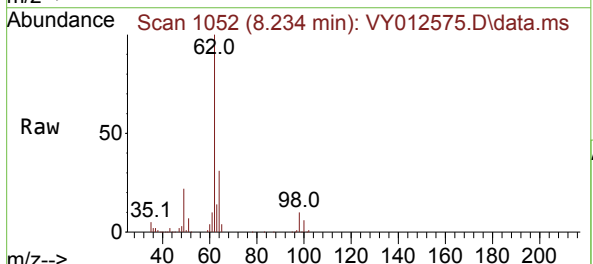


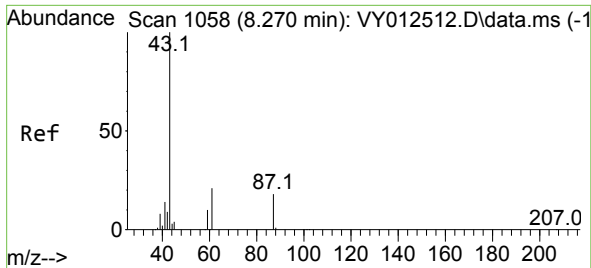
Tgt Ion:	41	Resp:	54451
Ion	Ratio	Lower	Upper
41	100		
39	30.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.700 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

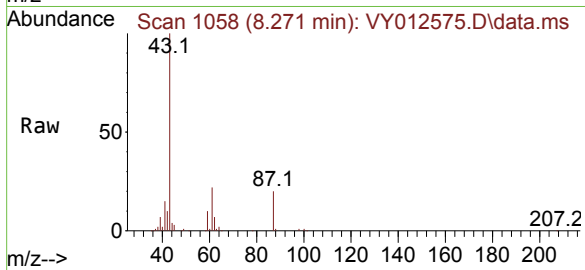
Tgt Ion:	62	Resp:	94512
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2



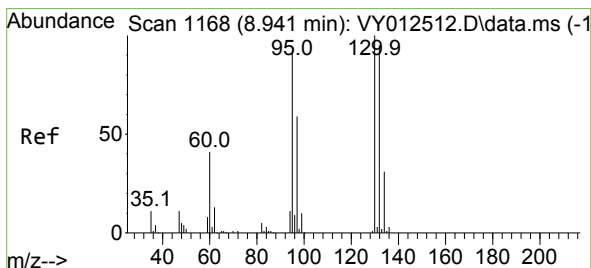
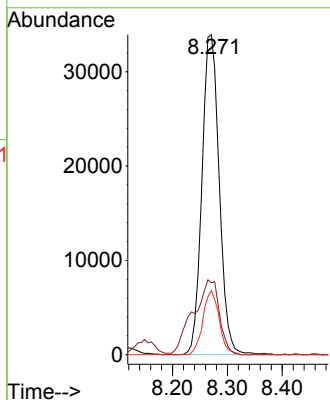
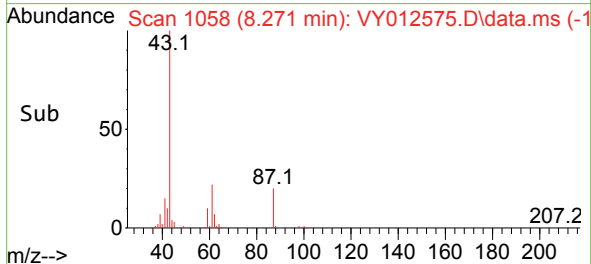


#43
Isopropyl Acetate
Concen: 44.617 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :

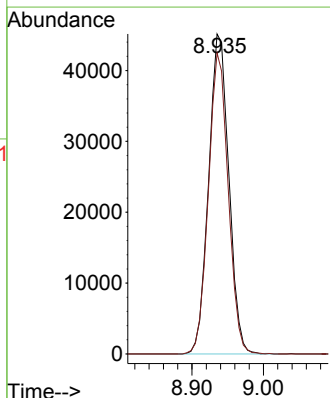
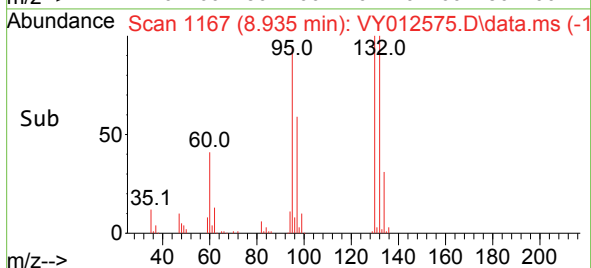
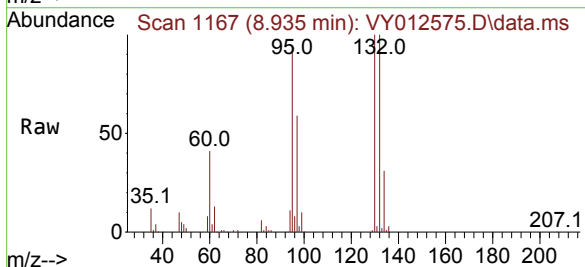


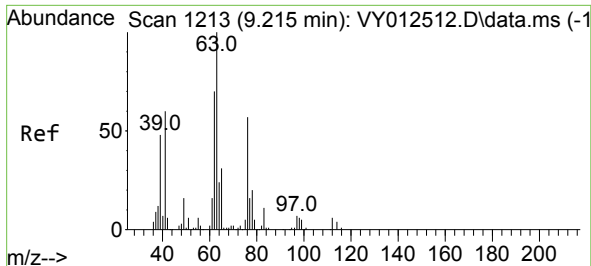
Tgt Ion: 43 Resp: 74148
Ion Ratio Lower Upper
43 100
61 35.3 27.2 40.8
87 18.7 15.0 22.4



#44
Trichloroethene
Concen: 49.591 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion:130 Resp: 88569
Ion Ratio Lower Upper
130 100
95 94.0 0.0 181.2

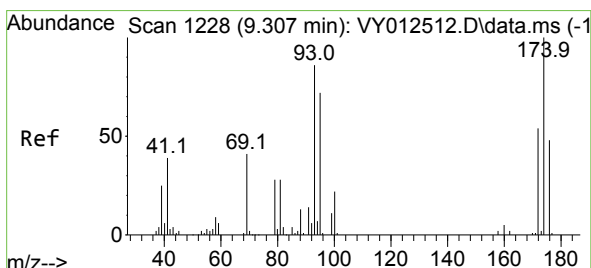
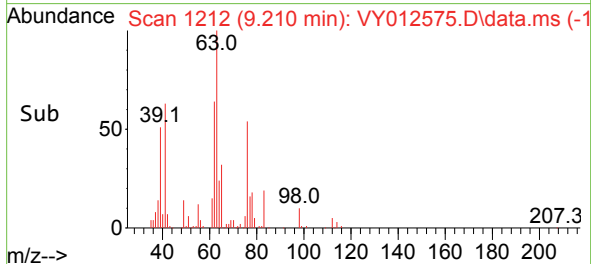
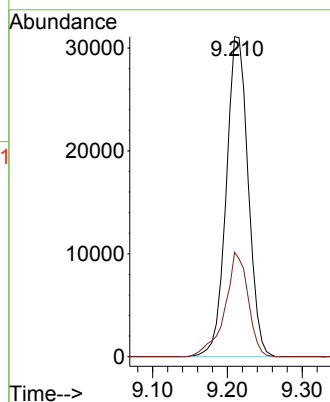
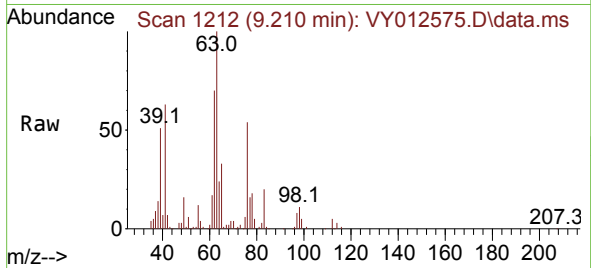




#45
1,2-Dichloropropane
Concen: 49.825 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

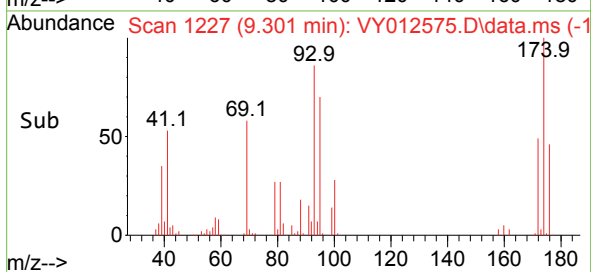
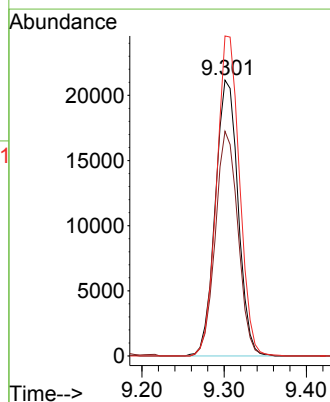
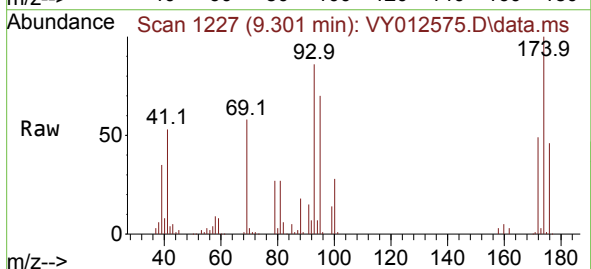
Instrument :
MSVOA_Y
ClientSampleId :

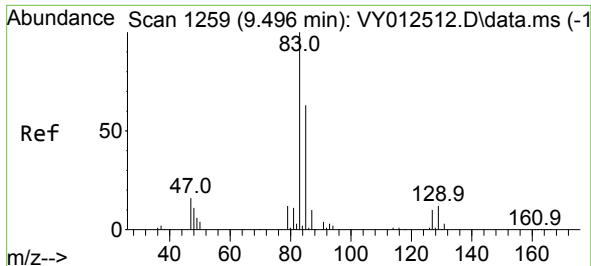
Tgt Ion: 63 Resp: 63387
Ion Ratio Lower Upper
63 100
65 32.6 24.6 37.0



#46
Dibromomethane
Concen: 48.338 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 93 Resp: 40719
Ion Ratio Lower Upper
93 100
95 80.9 65.8 98.8
174 116.7 93.4 140.2

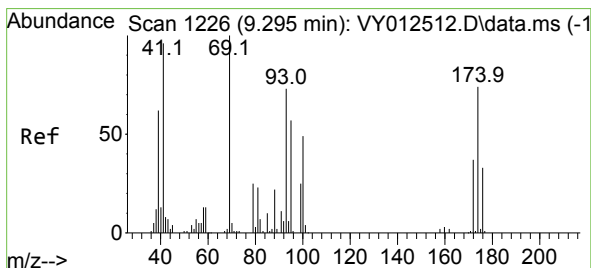
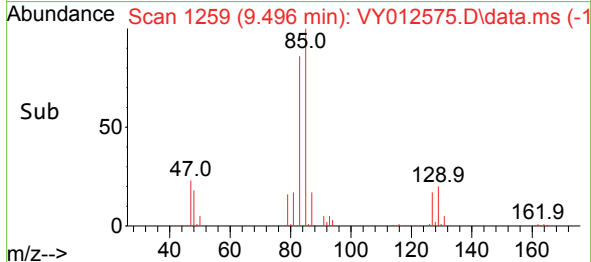
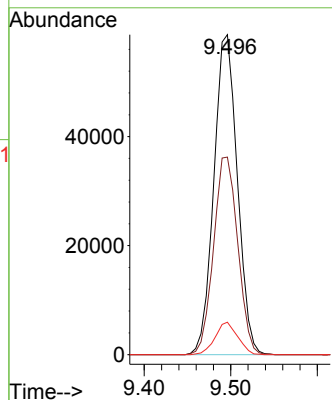
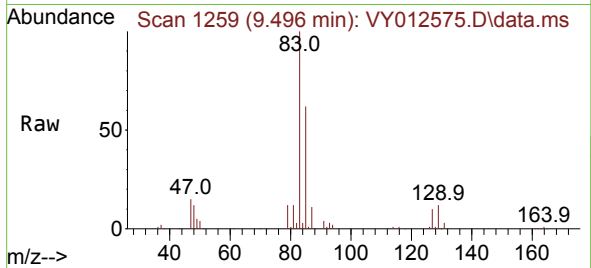




#47
Bromodichloromethane
Concen: 50.579 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

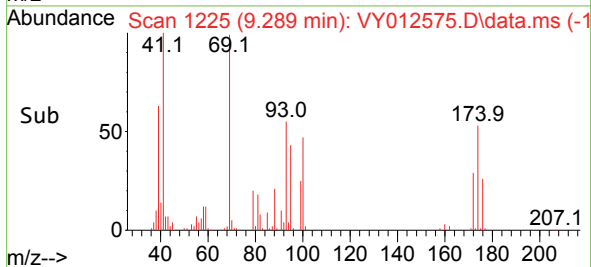
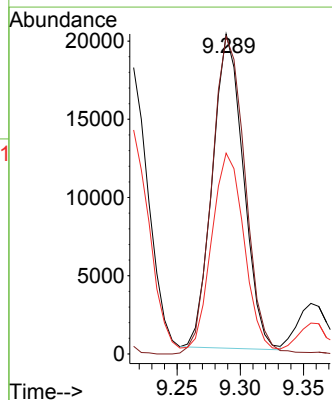
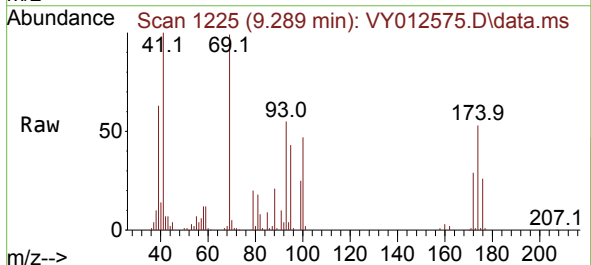
Instrument :
MSVOA_Y
ClientSampleId :

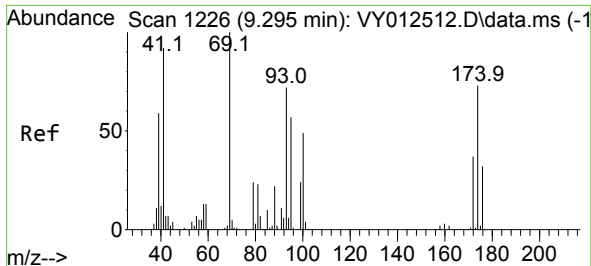
Tgt Ion: 83 Resp: 110472
Ion Ratio Lower Upper
83 100
85 61.8 50.7 76.1
127 10.1 8.1 12.1



#48
Methyl methacrylate
Concen: 45.098 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

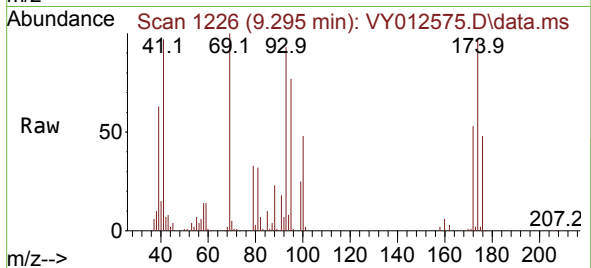
Tgt Ion: 41 Resp: 34258
Ion Ratio Lower Upper
41 100
69 108.6 85.4 128.2
39 67.7 52.7 79.1



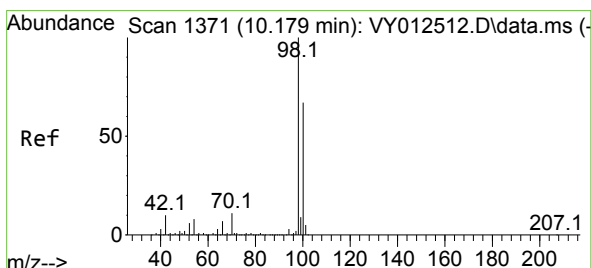
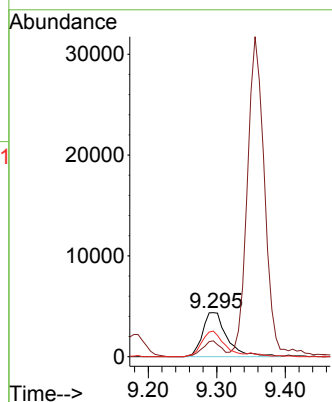
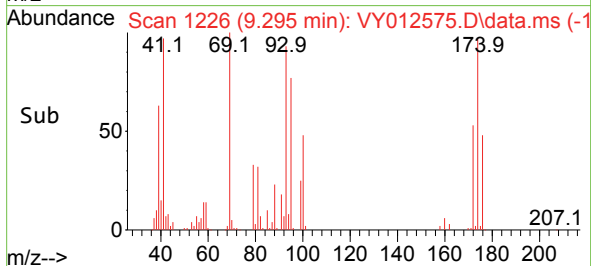


#49
1,4-Dioxane
Concen: 933.820 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :

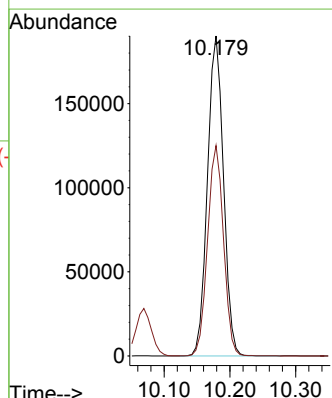
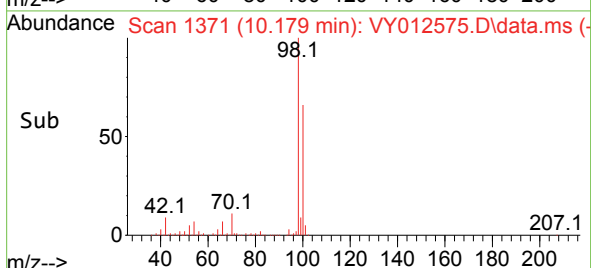
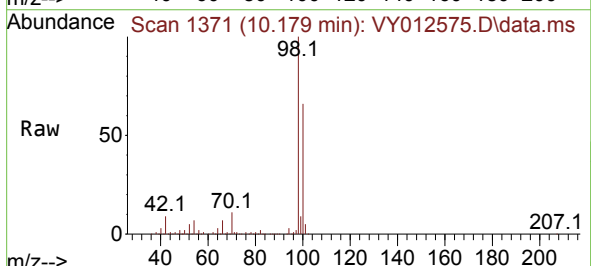


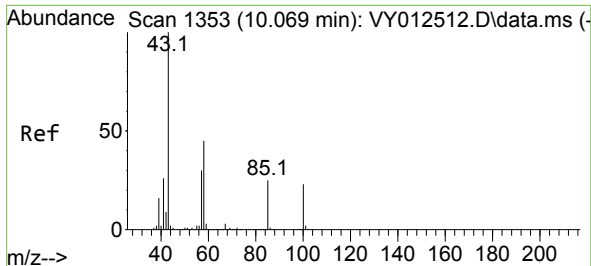
Tgt Ion: 88 Resp: 10859
Ion Ratio Lower Upper
88 100
43 26.8 22.6 33.8
58 52.8 45.4 68.0



#50
Toluene-d8
Concen: 52.706 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 98 Resp: 321984
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

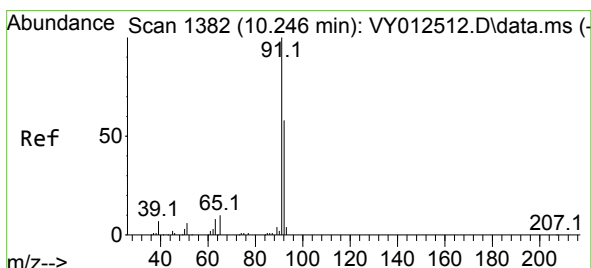
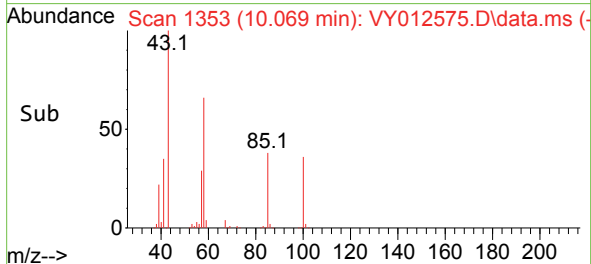
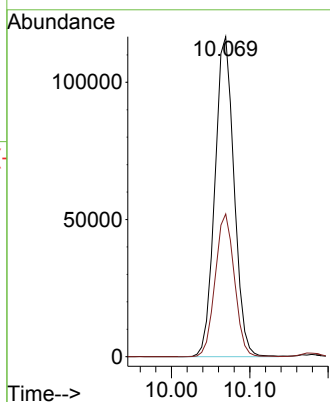
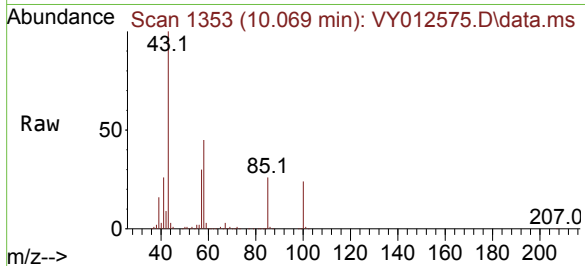




#51
4-Methyl-2-Pentanone
Concen: 221.358 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

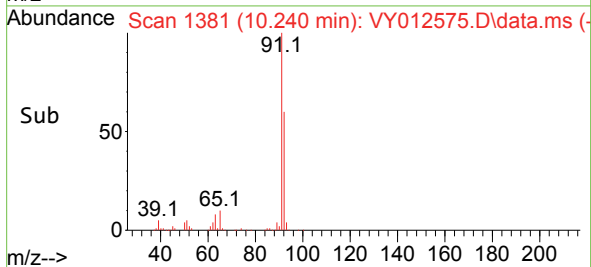
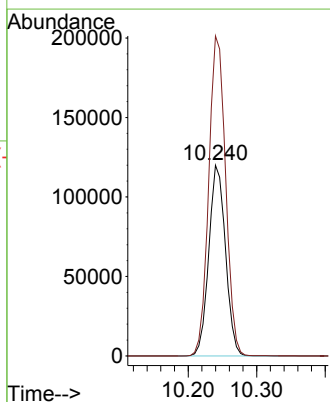
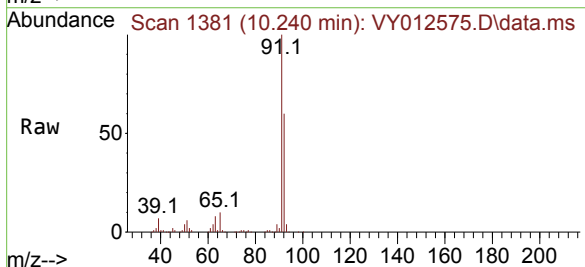
Instrument :
MSVOA_Y
ClientSampleId :

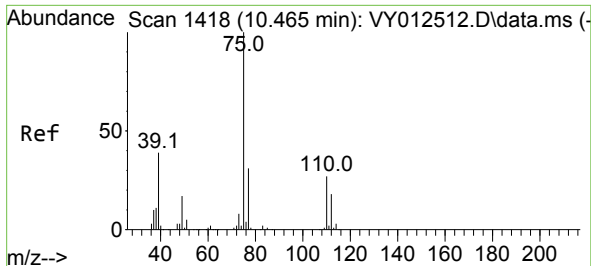
Tgt Ion: 43 Resp: 198478
Ion Ratio Lower Upper
43 100
58 44.8 36.2 54.2



#52
Toluene
Concen: 50.988 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 92 Resp: 202865
Ion Ratio Lower Upper
92 100
91 169.7 137.2 205.8

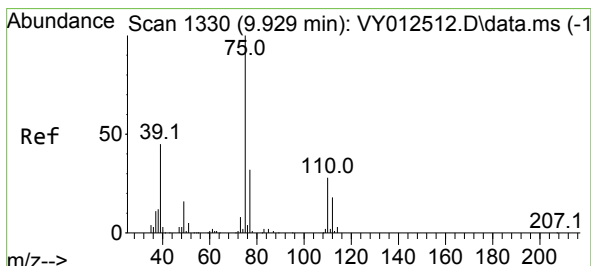
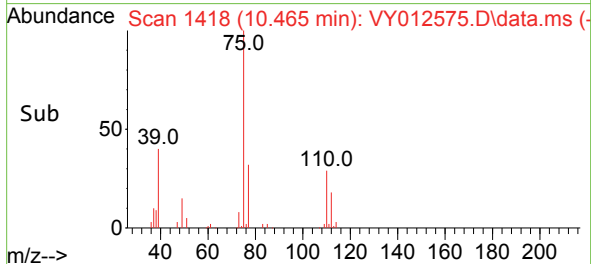
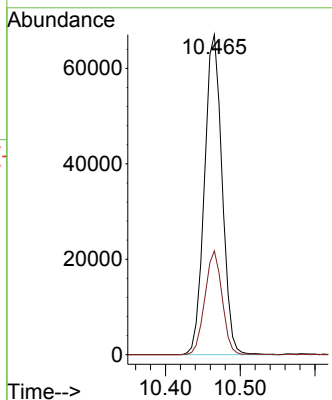
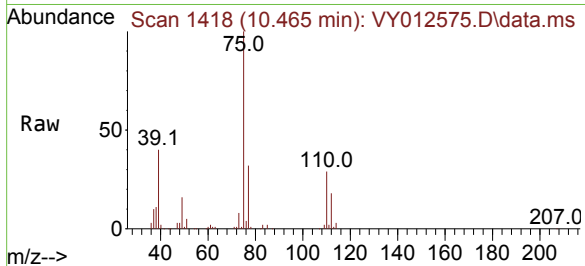




#53
 t-1,3-Dichloropropene
 Concen: 49.808 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012575.D
 Acq: 10 Feb 2023 15:54

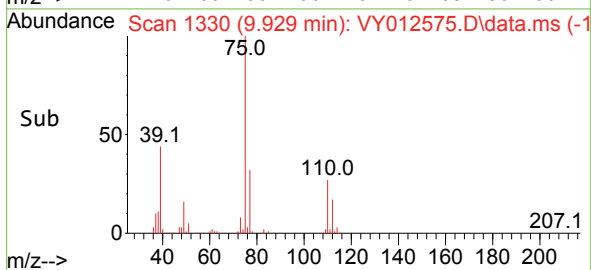
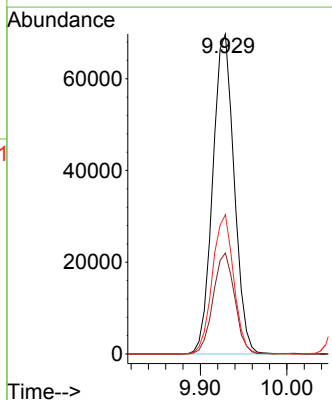
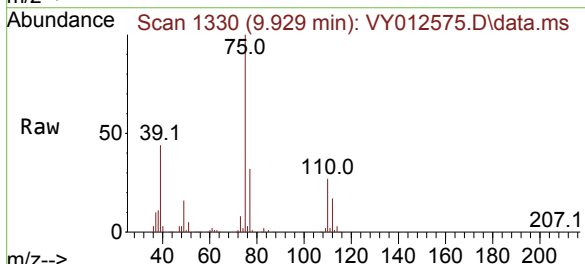
Instrument :
 MSVOA_Y
 ClientSampleId :

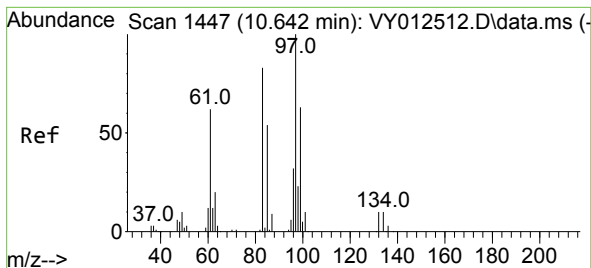
Tgt Ion: 75 Resp: 109623
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.320 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012575.D
 Acq: 10 Feb 2023 15:54

Tgt Ion: 75 Resp: 119849
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5
 39 43.5 36.0 54.0

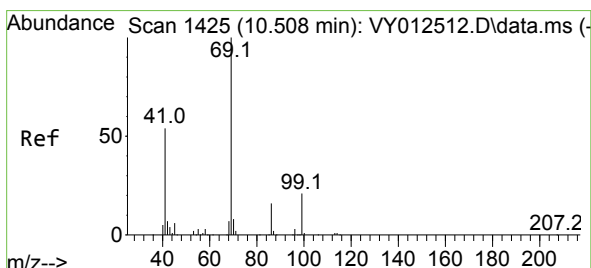
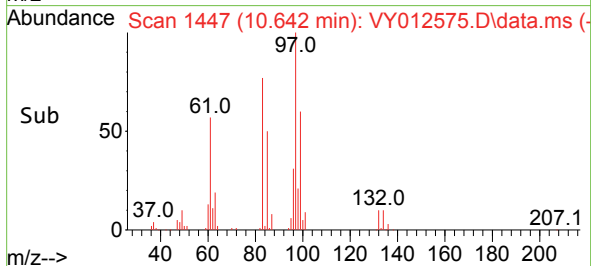
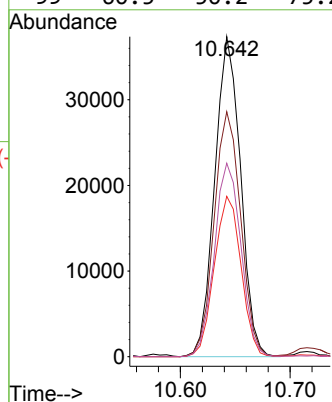
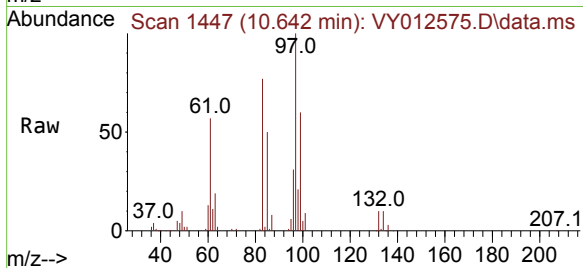




#55
1,1,2-Trichloroethane
Concen: 49.781 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

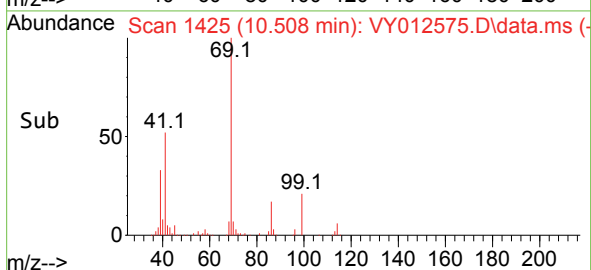
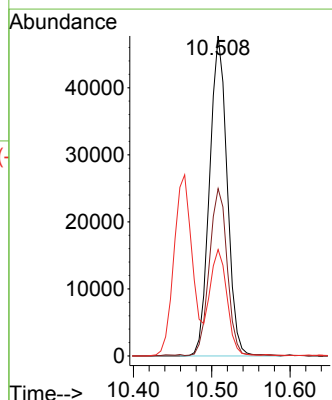
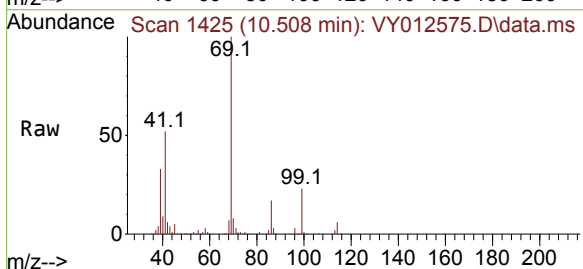
Instrument :
MSVOA_Y
ClientSampleId :

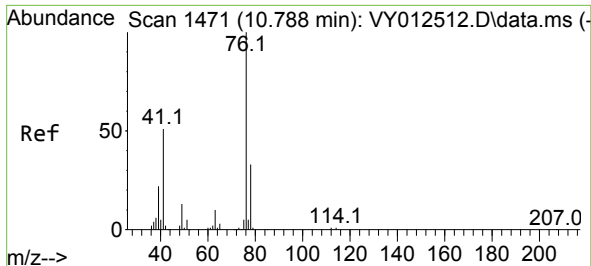
Tgt Ion: 97	Resp: 61273
Ion Ratio	Lower Upper
97 100	
83 76.6	66.0 99.0
85 50.1	43.1 64.7
99 60.5	50.2 75.2



#56
Ethyl methacrylate
Concen: 48.015 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 69	Resp: 74251
Ion Ratio	Lower Upper
69 100	
41 53.1	43.4 65.2
39 31.5	26.5 39.7





#57

1,3-Dichloropropane

Concen: 48.091 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

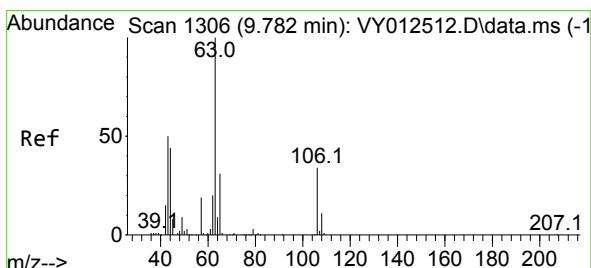
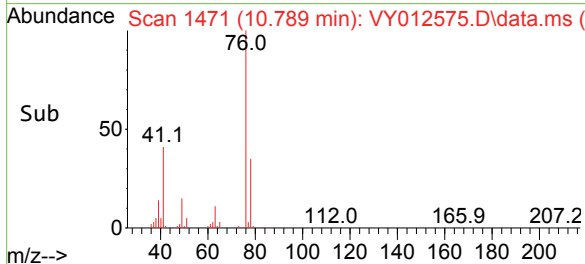
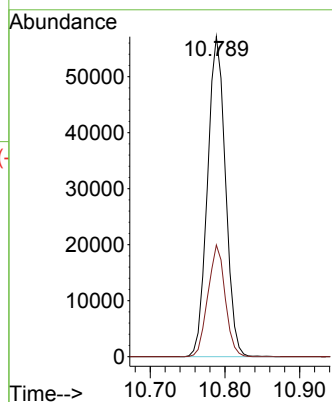
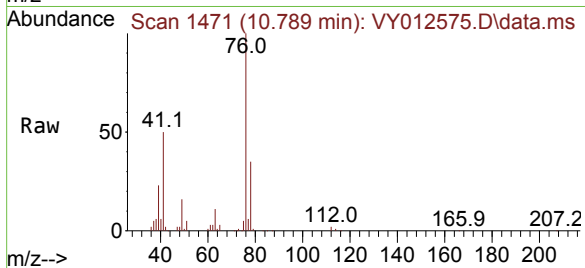
ClientSampleId :

Tgt Ion: 76 Resp: 95534

Ion Ratio Lower Upper

76 100

78 33.5 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 246.778 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012575.D

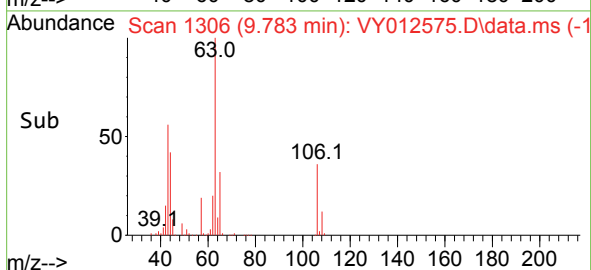
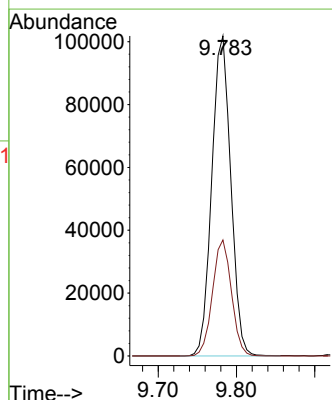
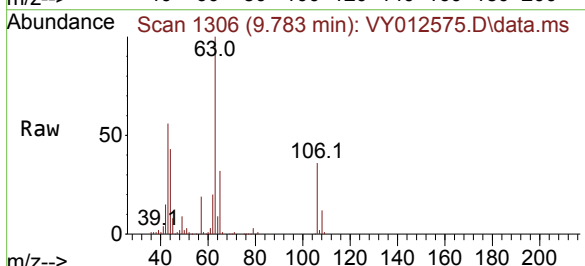
Acq: 10 Feb 2023 15:54

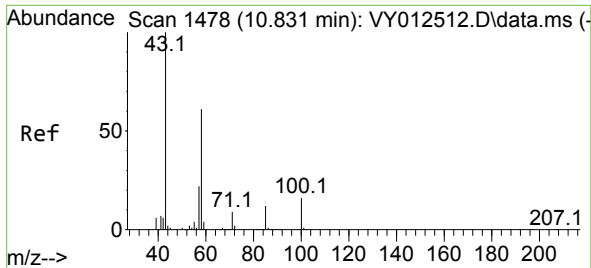
Tgt Ion: 63 Resp: 171531

Ion Ratio Lower Upper

63 100

106 36.1 28.0 42.0

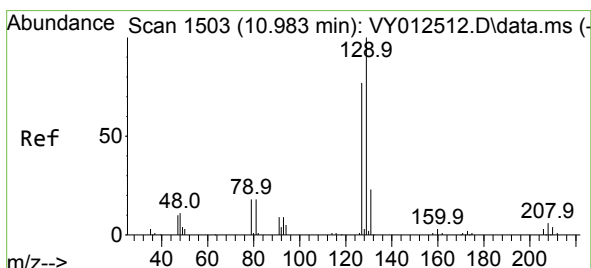
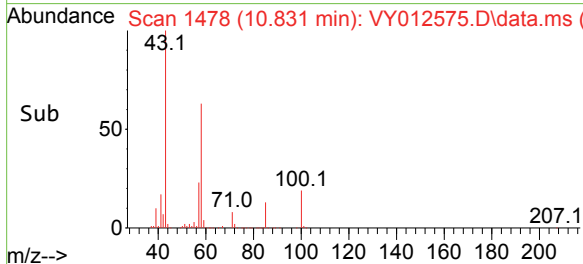
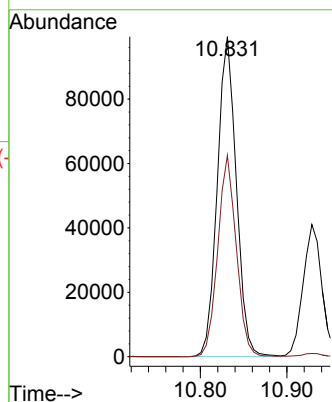
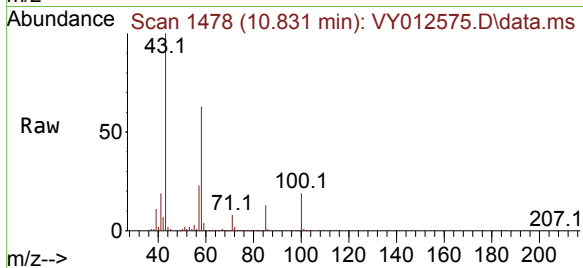




#59
2-Hexanone
Concen: 223.522 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

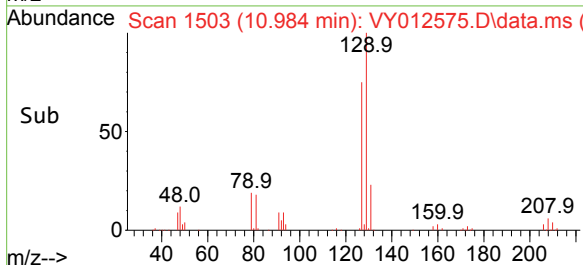
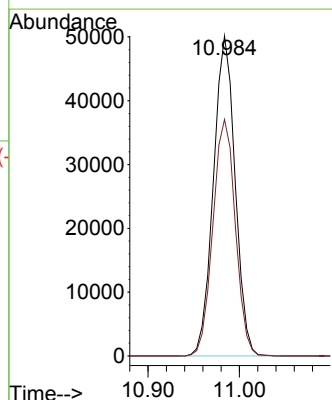
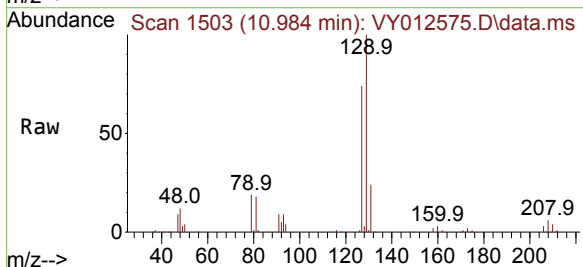
Instrument :
MSVOA_Y
ClientSampleId :

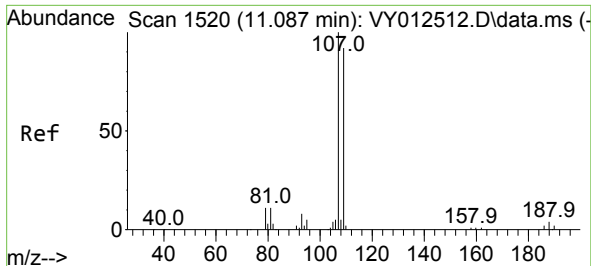
Tgt Ion: 43 Resp: 151459
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5



#60
Dibromochloromethane
Concen: 50.383 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 129 Resp: 82665
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1

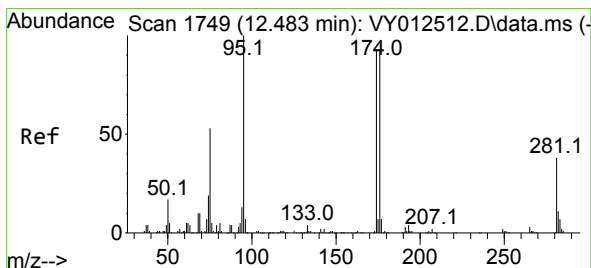
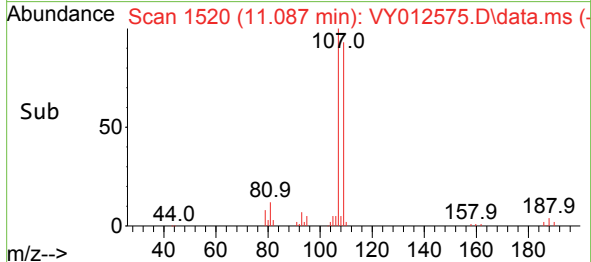
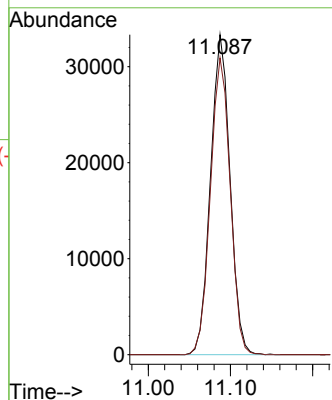
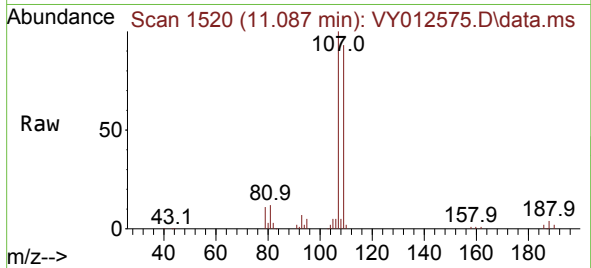




#61
1,2-Dibromoethane
Concen: 47.683 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

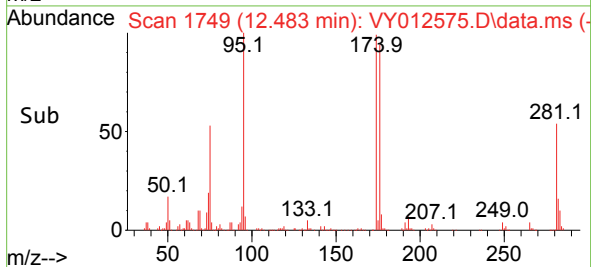
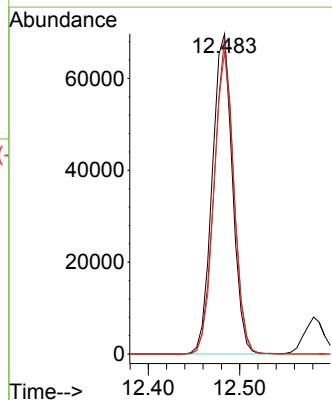
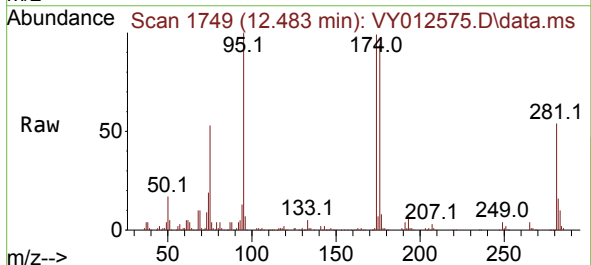
Instrument :
MSVOA_Y
ClientSampleId :

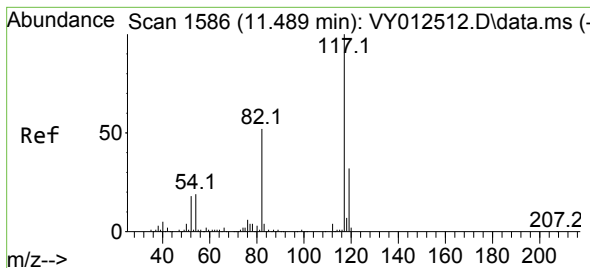
Tgt Ion:107 Resp: 54992
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 50.115 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 95 Resp: 106789
Ion Ratio Lower Upper
95 100
174 95.7 0.0 188.0
176 92.5 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

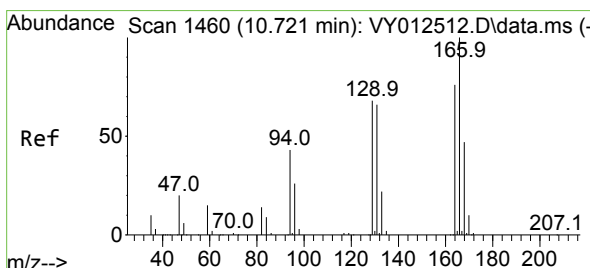
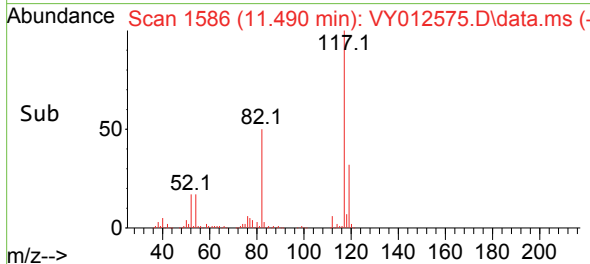
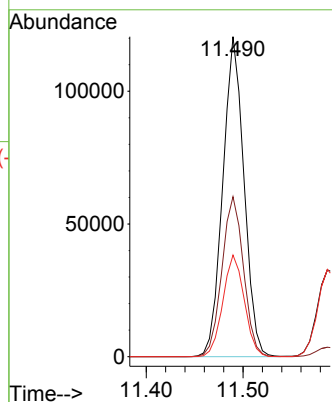
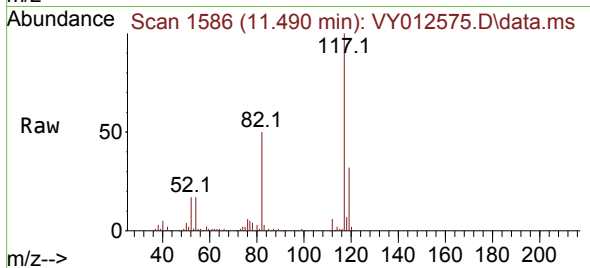
Tgt Ion:117 Resp: 183510

Ion Ratio Lower Upper

117 100

82 50.0 41.7 62.5

119 31.8 25.8 38.8



#64

Tetrachloroethene

Concen: 54.225 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Tgt Ion:164 Resp: 103886

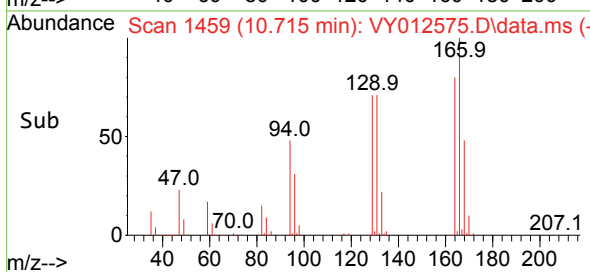
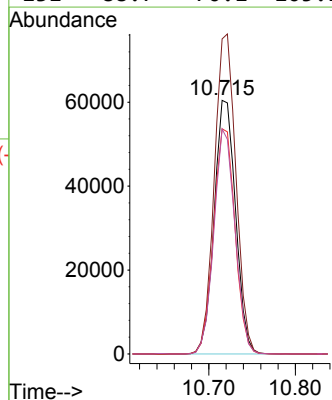
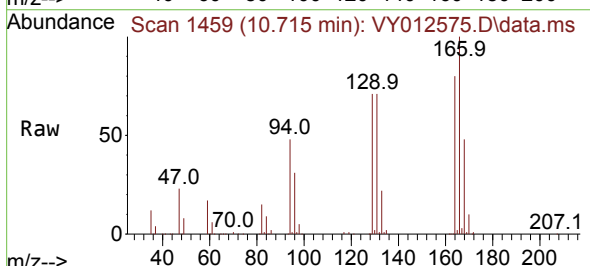
Ion Ratio Lower Upper

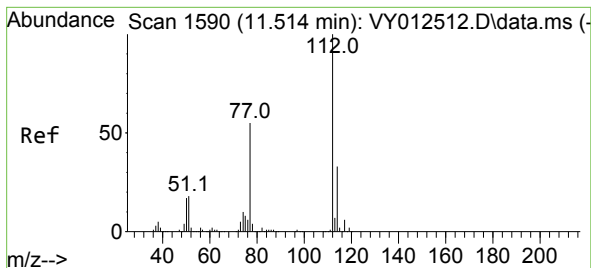
164 100

166 124.2 105.7 158.5

129 88.8 71.8 107.6

131 88.7 70.1 105.1





#65

Chlorobenzene

Concen: 50.787 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

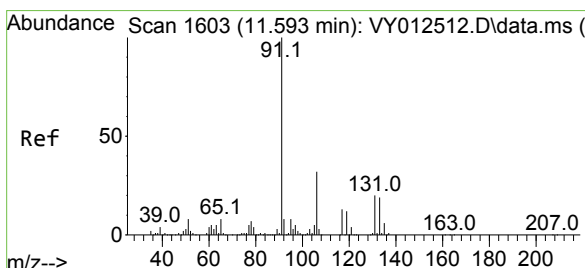
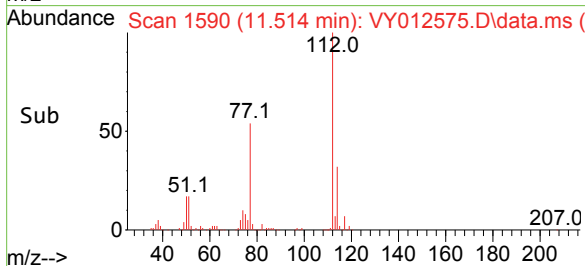
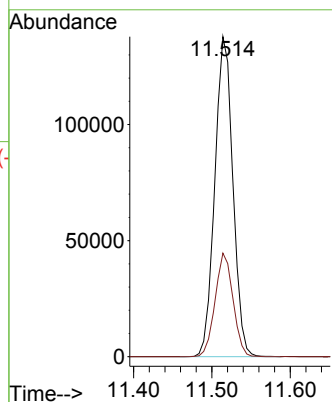
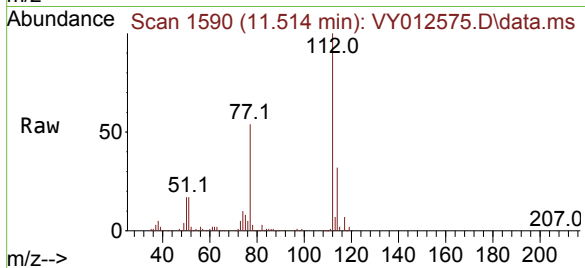
ClientSampleId :

Tgt Ion:112 Resp: 221051

Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.697 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

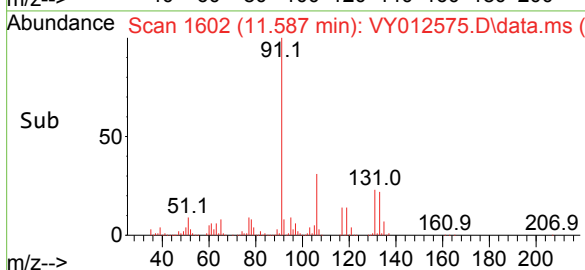
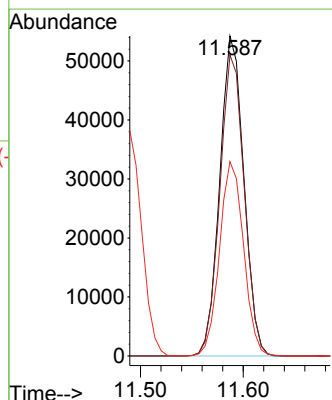
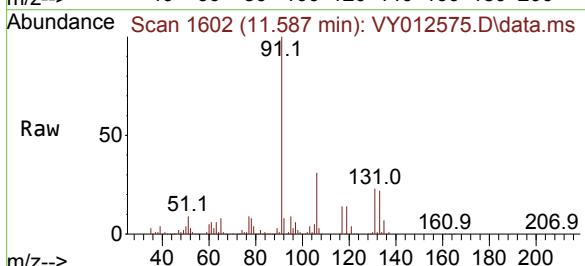
Tgt Ion:131 Resp: 88177

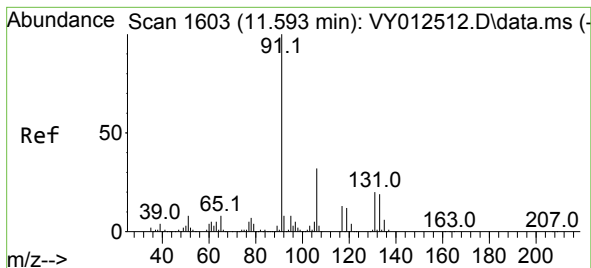
Ion Ratio Lower Upper

131 100

133 95.0 48.5 145.5

119 60.7 30.7 92.1





#67

Ethyl Benzene

Concen: 51.312 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

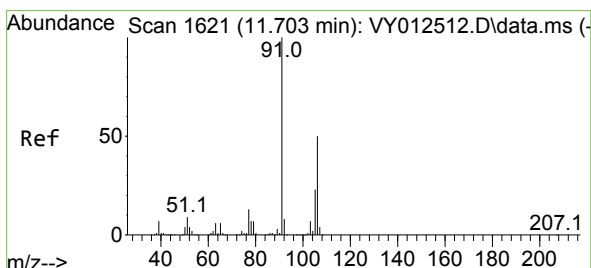
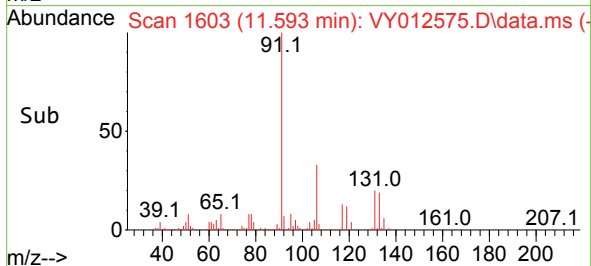
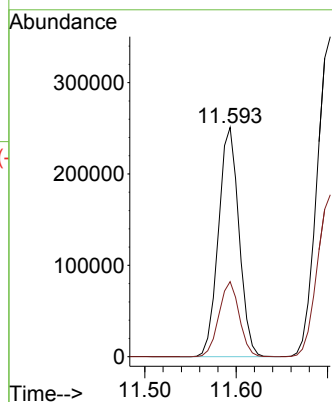
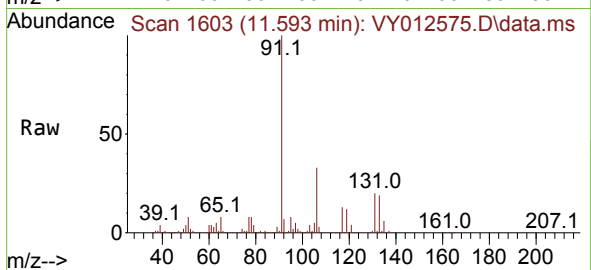
ClientSampleId :

Tgt Ion: 91 Resp: 392091

Ion Ratio Lower Upper

91 100

106 32.7 25.6 38.4



#68

m/p-Xylenes

Concen: 104.206 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012575.D

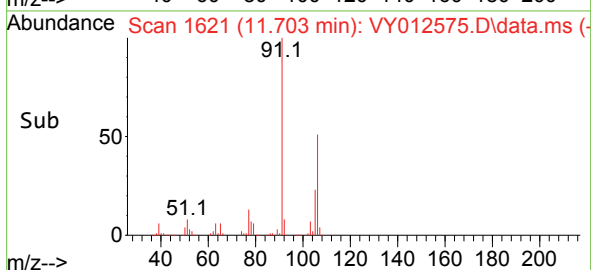
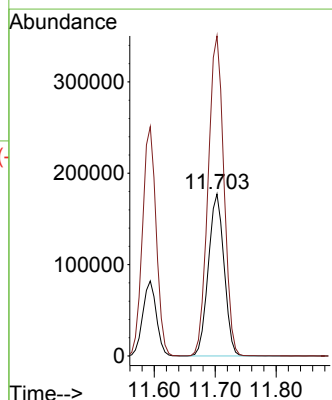
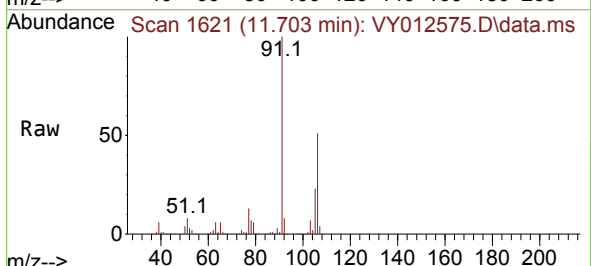
Acq: 10 Feb 2023 15:54

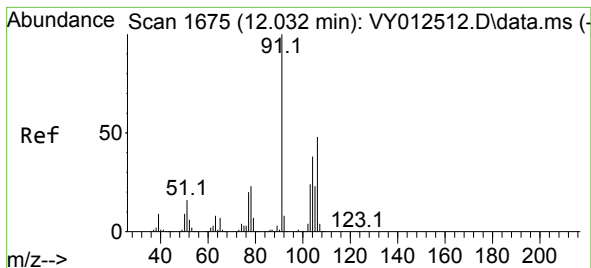
Tgt Ion:106 Resp: 317838

Ion Ratio Lower Upper

106 100

91 198.1 160.3 240.5





#69

o-Xylene

Concen: 51.781 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

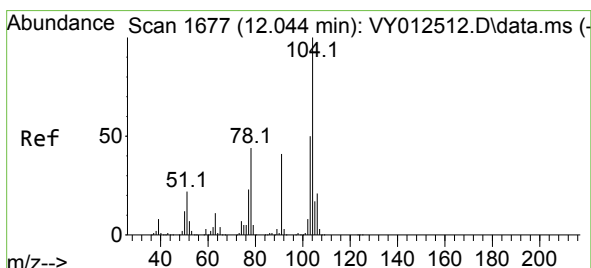
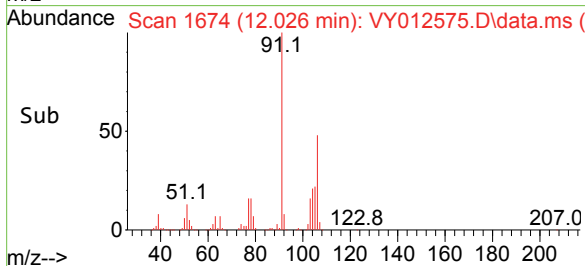
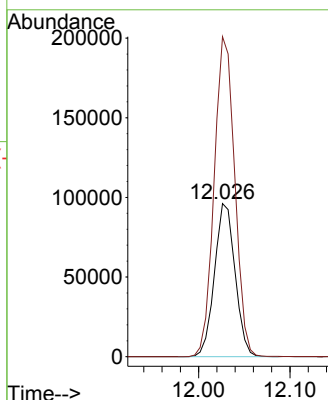
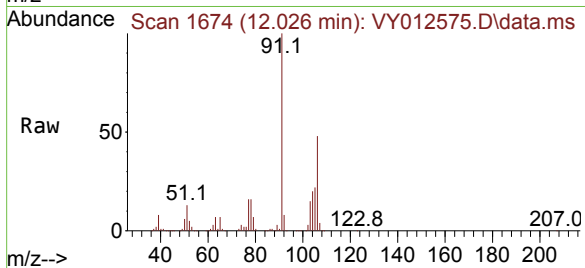
ClientSampleId :

Tgt Ion:106 Resp: 150408

Ion Ratio Lower Upper

106 100

91 209.1 104.2 312.5



#70

Styrene

Concen: 52.363 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

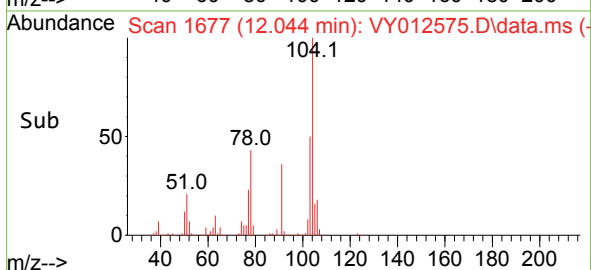
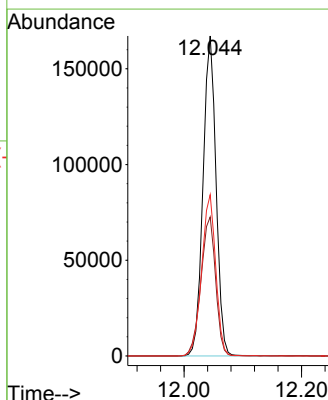
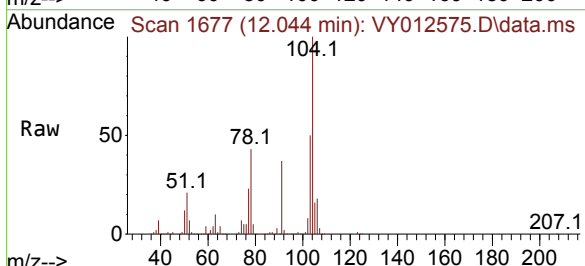
Tgt Ion:104 Resp: 257952

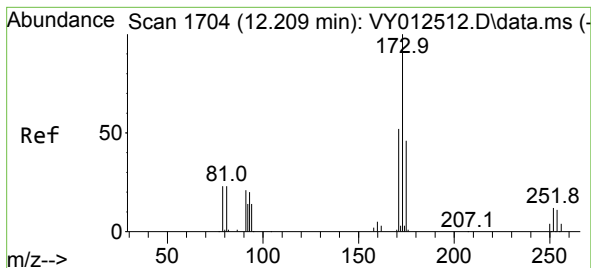
Ion Ratio Lower Upper

104 100

78 48.9 39.4 59.2

103 54.5 43.8 65.8





#71

Bromoform

Concen: 49.656 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

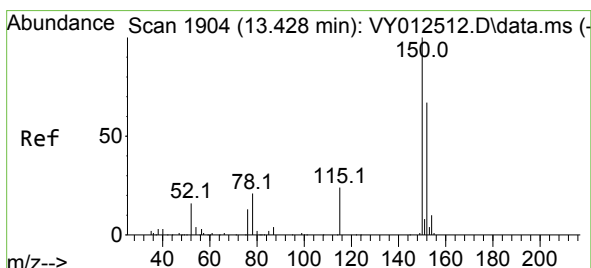
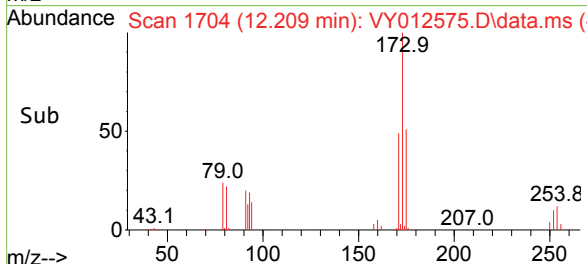
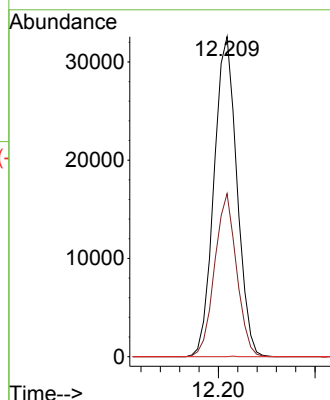
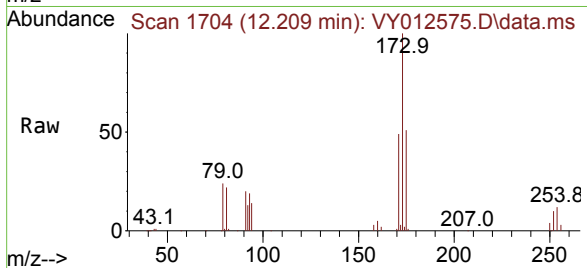
Tgt Ion:173 Resp: 53534

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

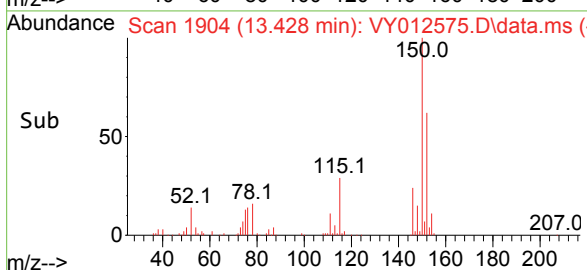
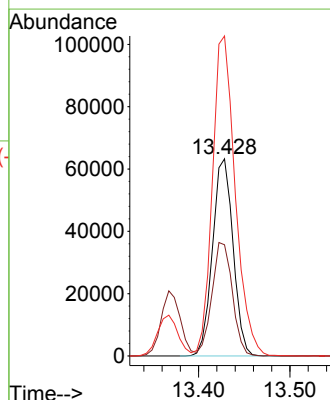
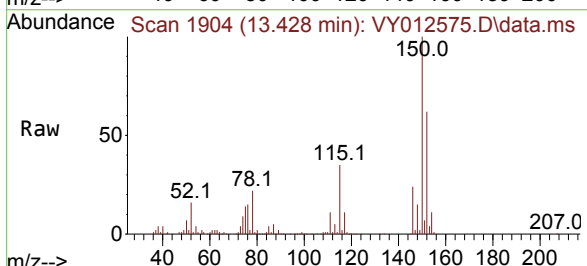
Tgt Ion:152 Resp: 98889

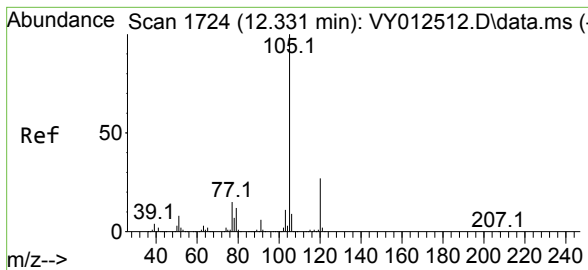
Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.3

150 180.1 0.0 351.0

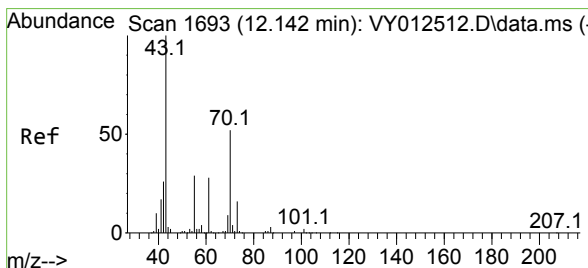
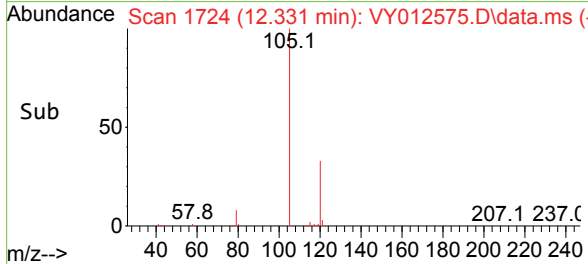
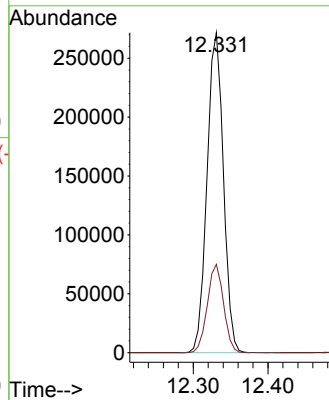
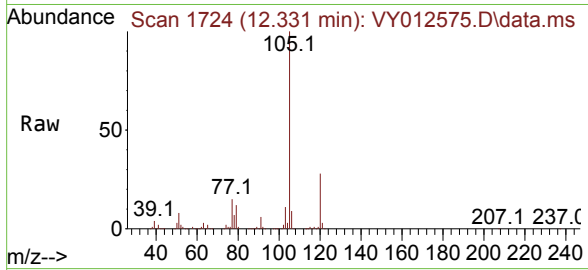




#73
Isopropylbenzene
Concen: 51.623 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

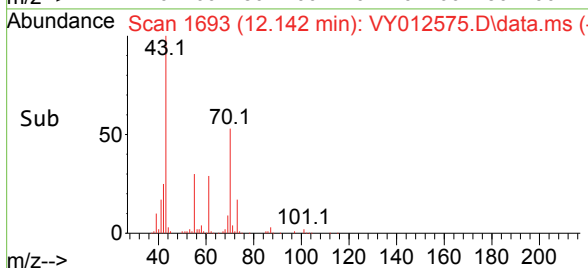
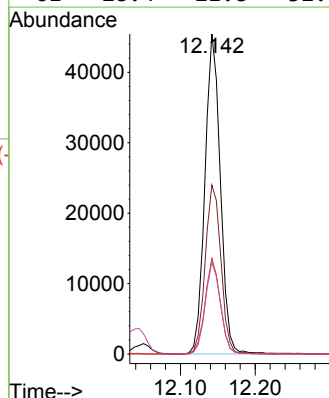
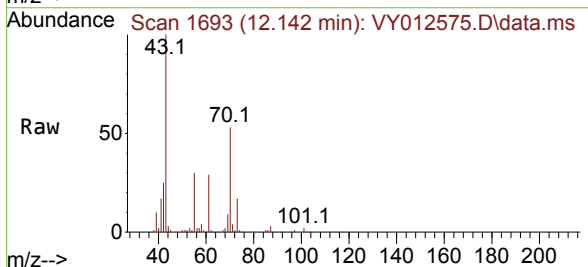
Instrument :
MSVOA_Y
ClientSampleId :

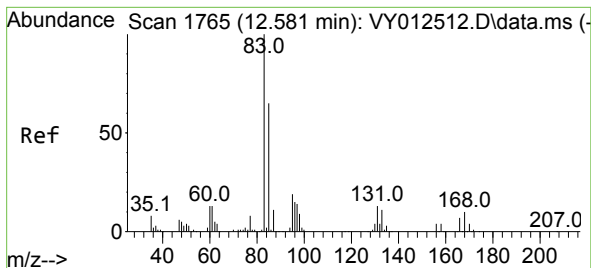
Tgt Ion:105 Resp: 413020
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 44.962 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 43 Resp: 65118
Ion Ratio Lower Upper
43 100
70 53.8 41.0 61.6
55 29.5 22.9 34.3
61 28.4 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.840 ug/l

RT: 12.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

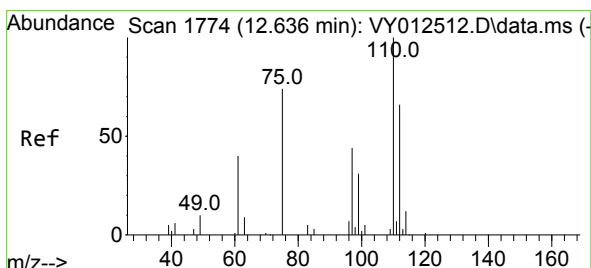
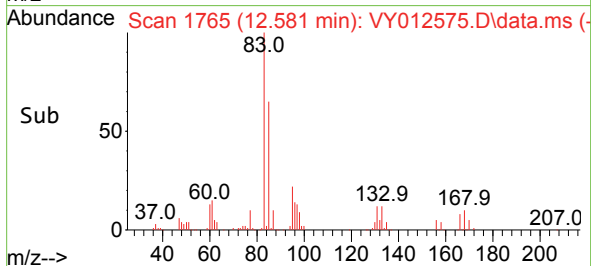
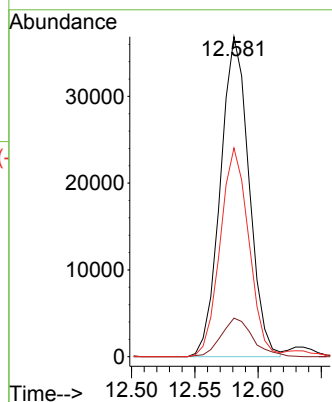
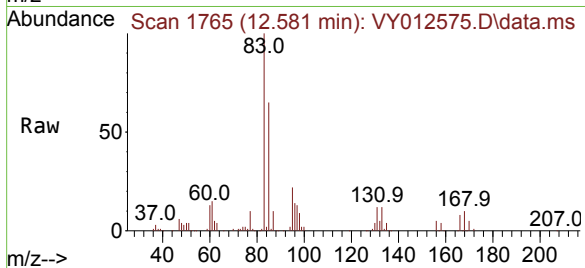
Tgt Ion: 83 Resp: 58009

Ion Ratio Lower Upper

83 100

131 13.3 6.5 19.4

85 65.2 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 78.539 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012575.D

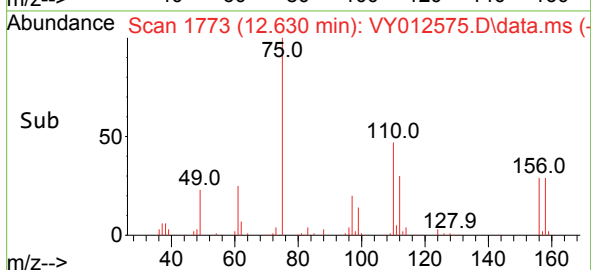
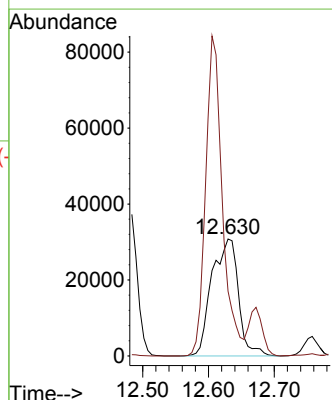
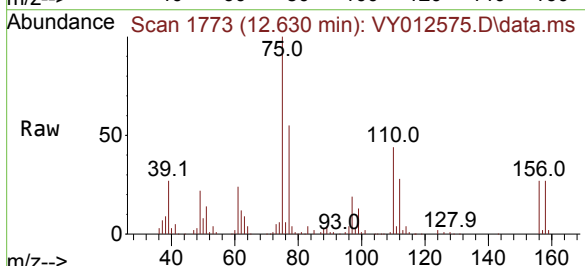
Acq: 10 Feb 2023 15:54

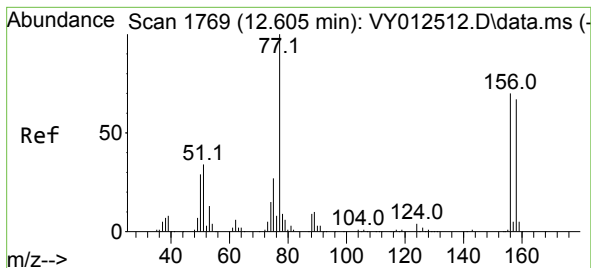
Tgt Ion: 75 Resp: 86772

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.425 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

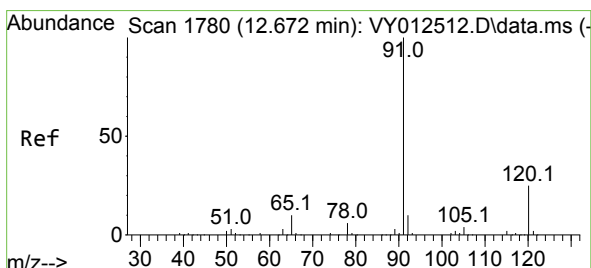
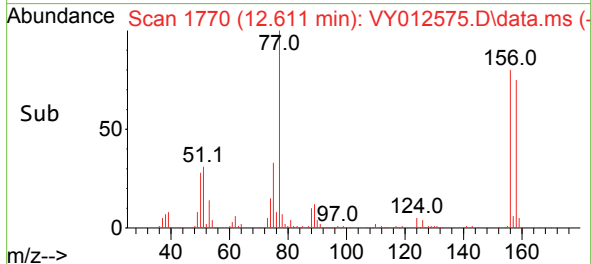
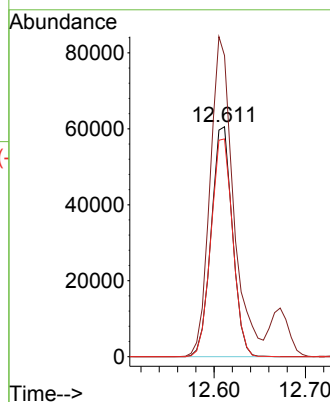
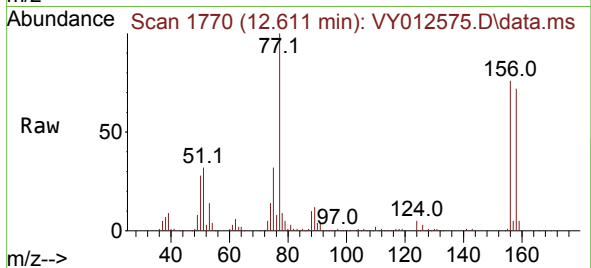
Tgt Ion:156 Resp: 97784

Ion Ratio Lower Upper

156 100

77 153.3 80.6 241.8

158 97.2 49.1 147.3



#78

n-propylbenzene

Concen: 51.630 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012575.D

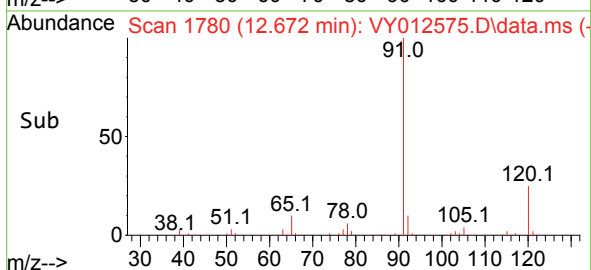
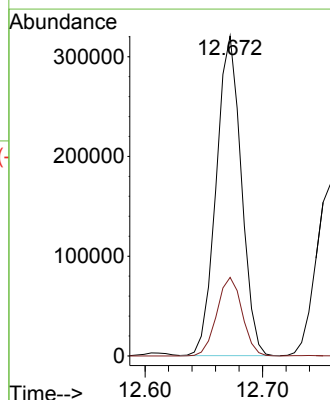
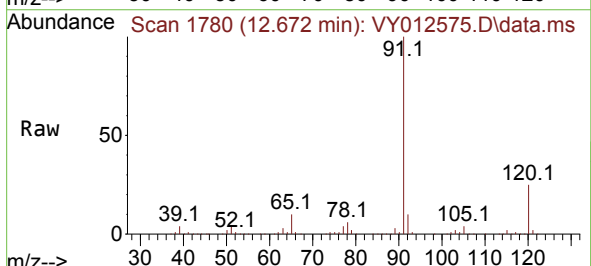
Acq: 10 Feb 2023 15:54

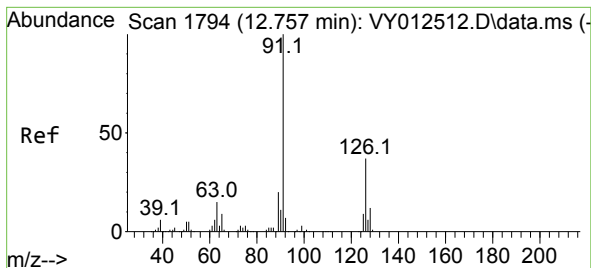
Tgt Ion: 91 Resp: 475445

Ion Ratio Lower Upper

91 100

120 24.8 12.4 37.4





#79

2-Chlorotoluene

Concen: 51.212 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

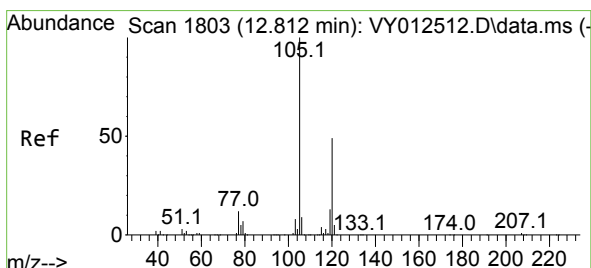
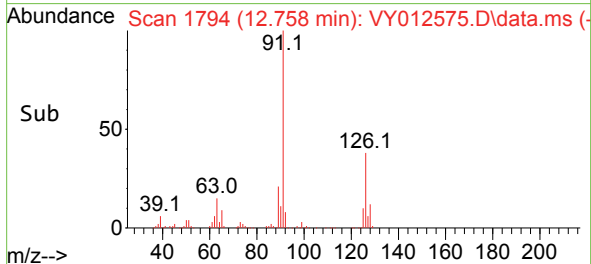
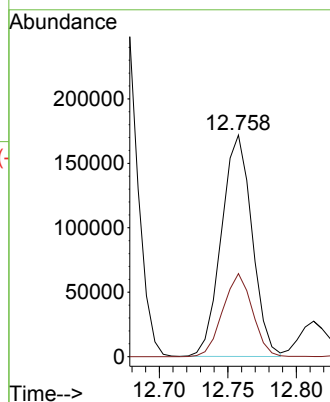
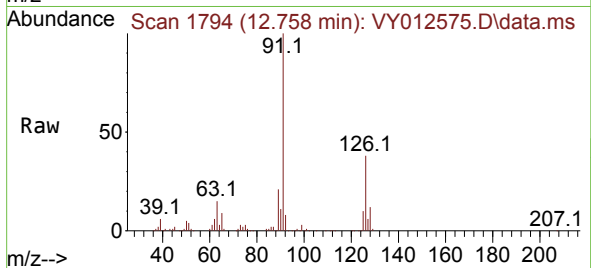
ClientSampleId :

Tgt Ion: 91 Resp: 267717

Ion Ratio Lower Upper

91 100

126 36.3 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 51.386 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012575.D

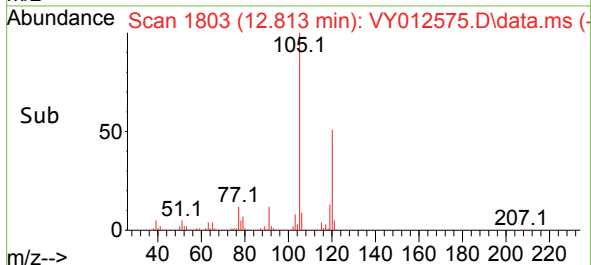
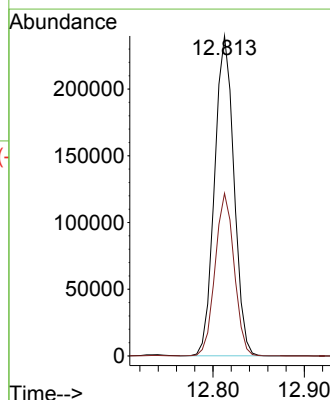
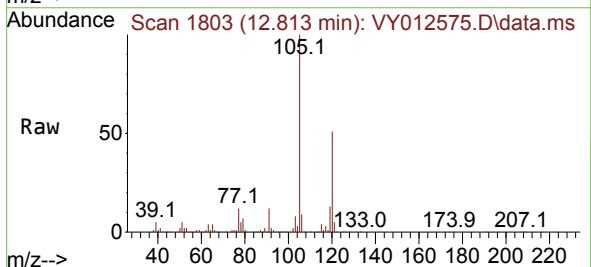
Acq: 10 Feb 2023 15:54

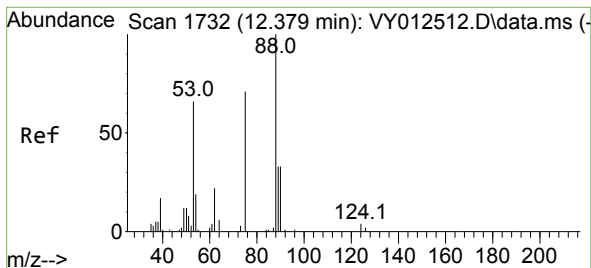
Tgt Ion:105 Resp: 353914

Ion Ratio Lower Upper

105 100

120 50.0 24.6 74.0

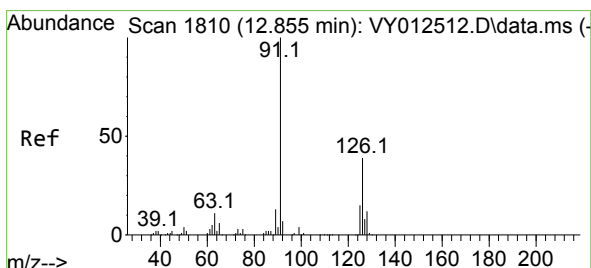
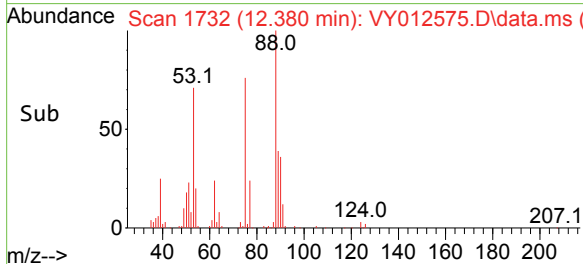
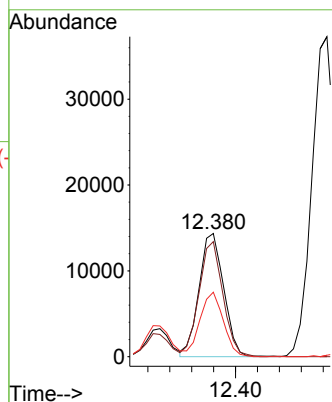
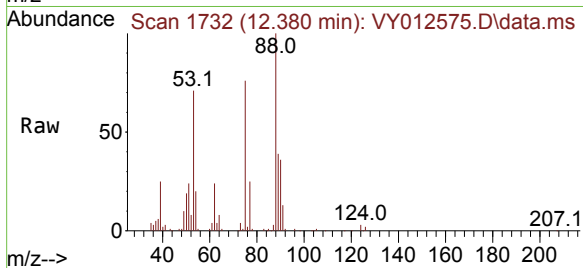




#81
trans-1,4-Dichloro-2-butene
Concen: 45.866 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

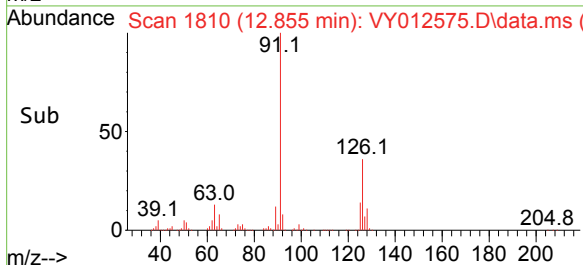
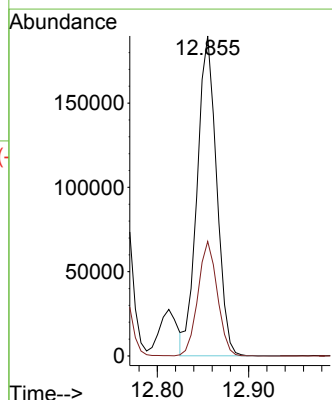
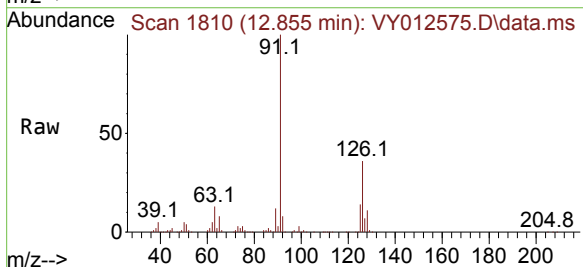
Instrument :
MSVOA_Y
ClientSampleId :

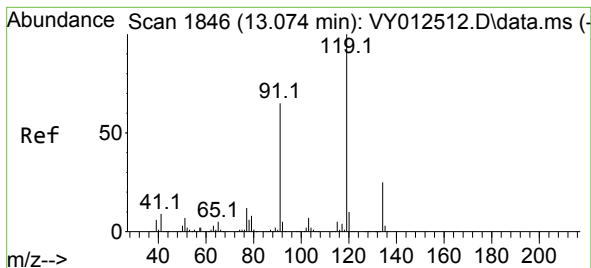
Tgt Ion: 75 Resp: 22471
Ion Ratio Lower Upper
75 100
53 90.8 73.1 109.7
89 48.8 39.9 59.9



#82
4-Chlorotoluene
Concen: 51.113 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 91 Resp: 280294
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.3





#83

tert-Butylbenzene

Concen: 52.226 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

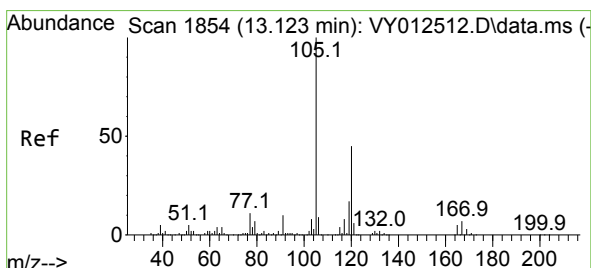
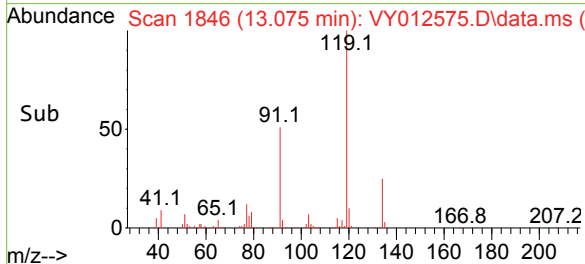
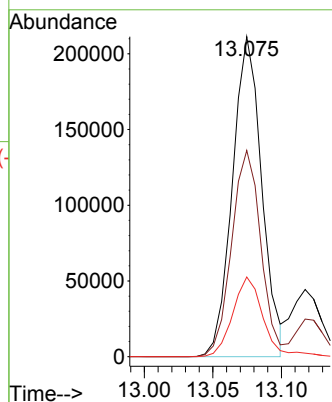
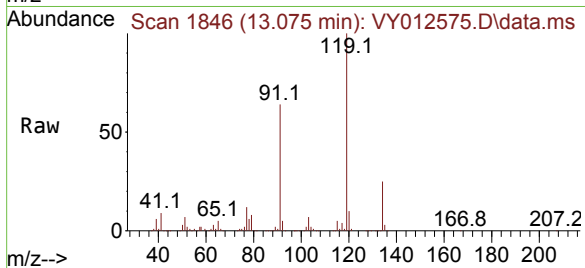
Tgt Ion:119 Resp: 315428

Ion Ratio Lower Upper

119 100

91 64.0 33.0 99.0

134 25.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.469 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012575.D

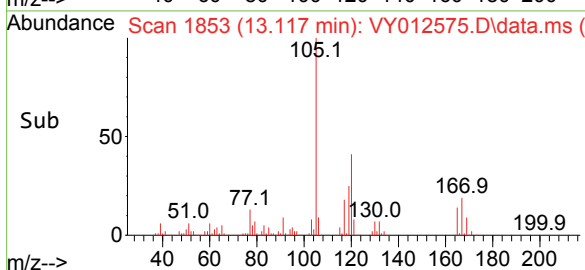
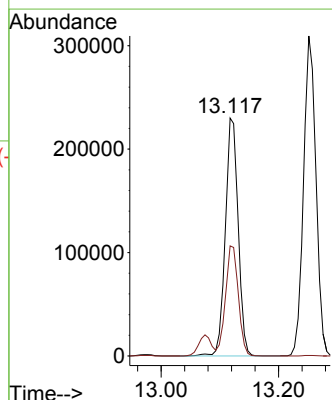
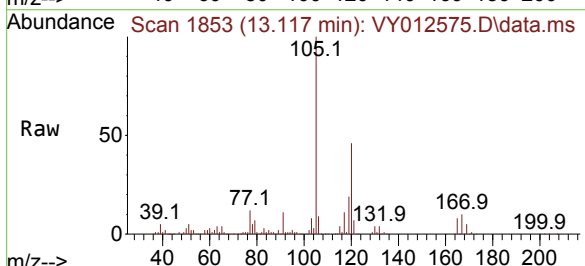
Acq: 10 Feb 2023 15:54

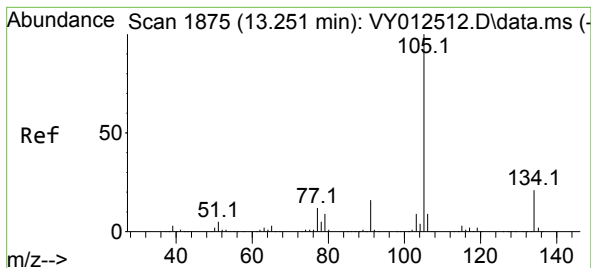
Tgt Ion:105 Resp: 348796

Ion Ratio Lower Upper

105 100

120 46.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 52.420 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

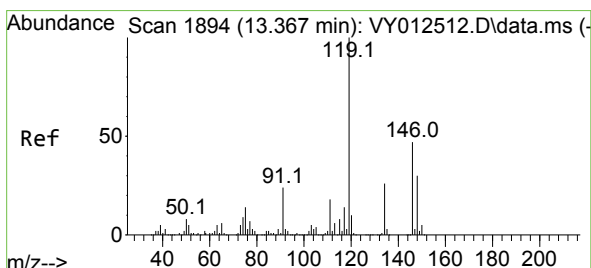
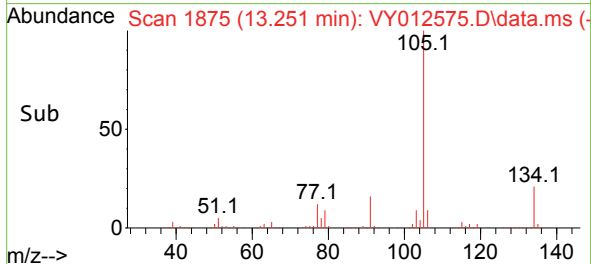
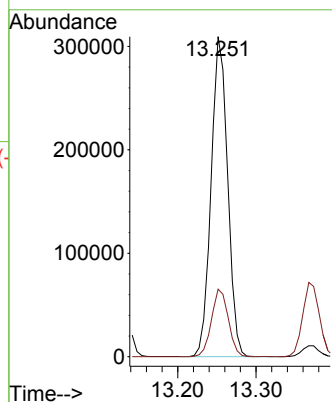
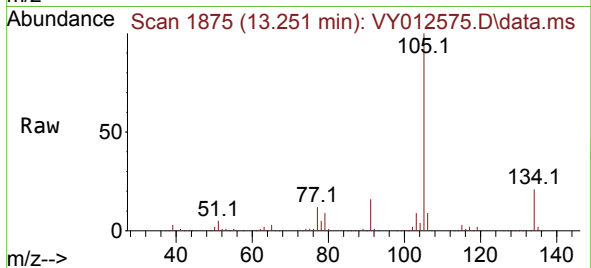
ClientSampleId :

Tgt Ion:105 Resp: 452927

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



#86

p-Isopropyltoluene

Concen: 52.448 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

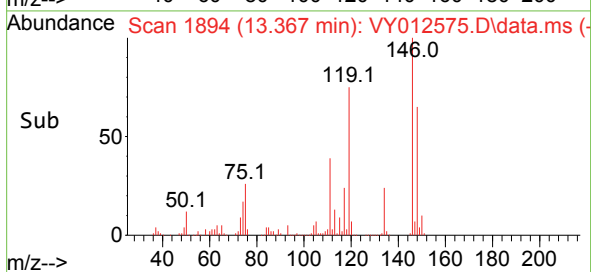
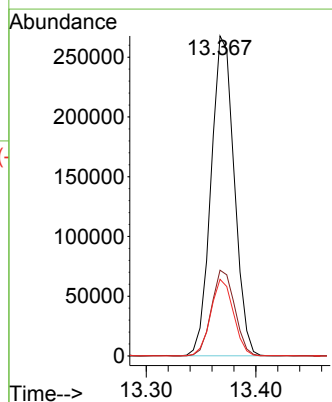
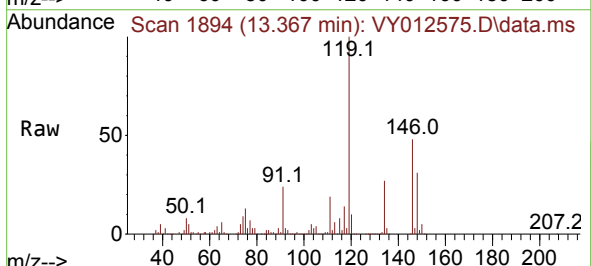
Tgt Ion:119 Resp: 393137

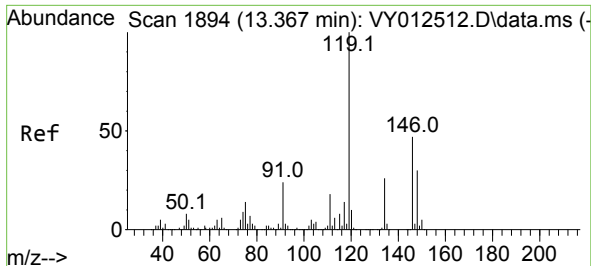
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 50.987 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

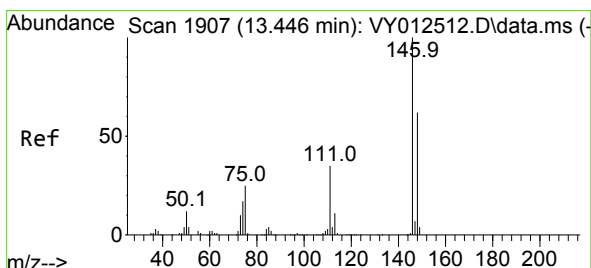
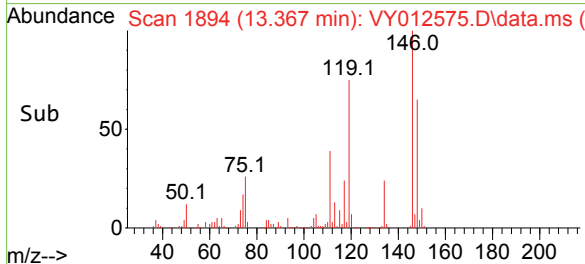
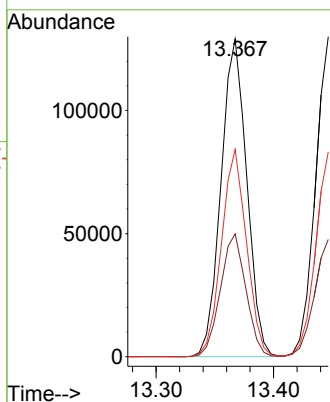
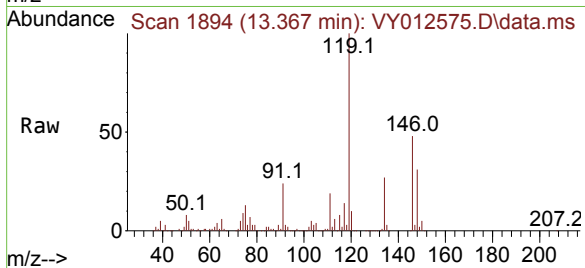
Tgt Ion:146 Resp: 196726

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

148 63.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 50.305 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

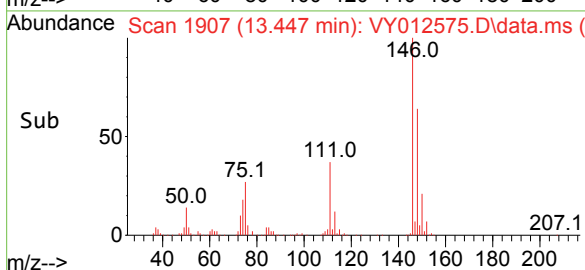
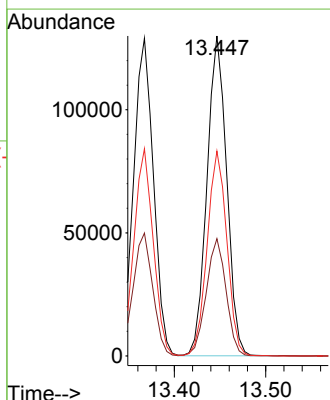
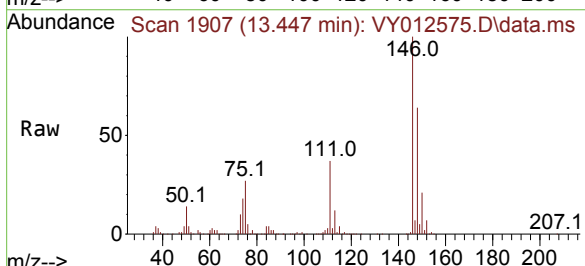
Tgt Ion:146 Resp: 194424

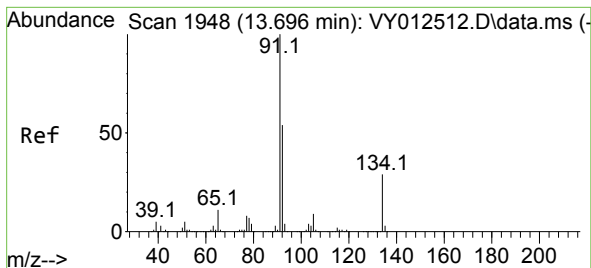
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.2

148 64.1 31.6 95.0





#89

n-Butylbenzene

Concen: 52.036 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

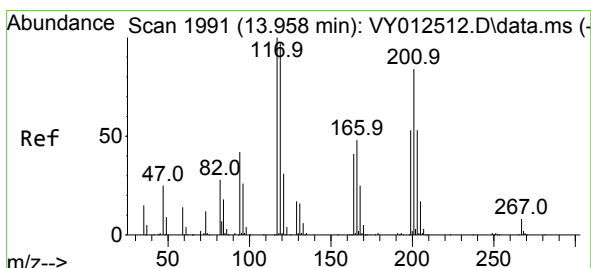
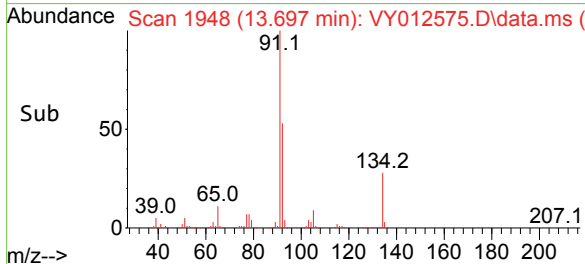
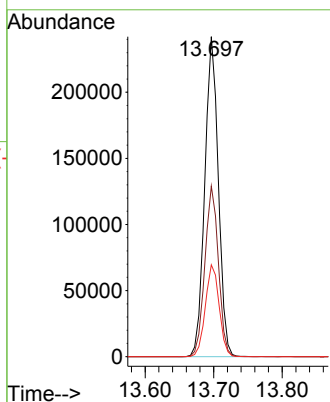
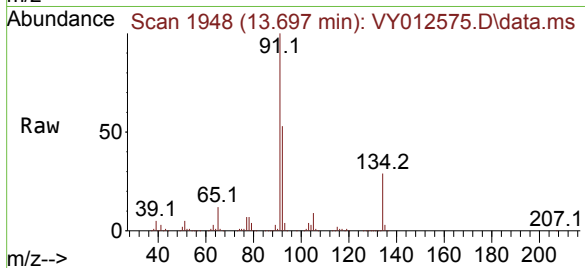
Tgt Ion: 91 Resp: 333355

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 29.3 14.5 43.5



#90

Hexachloroethane

Concen: 51.374 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012575.D

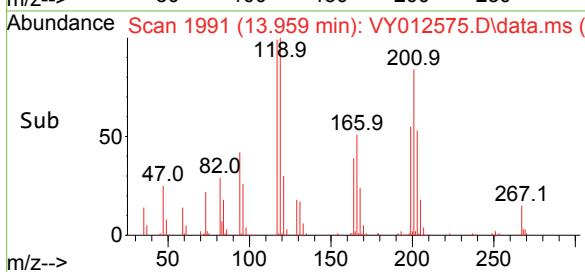
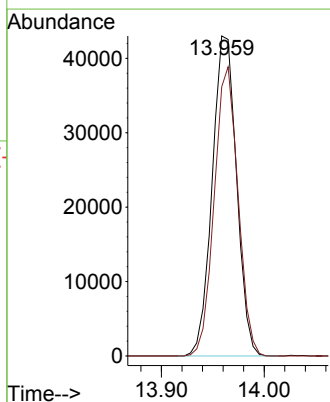
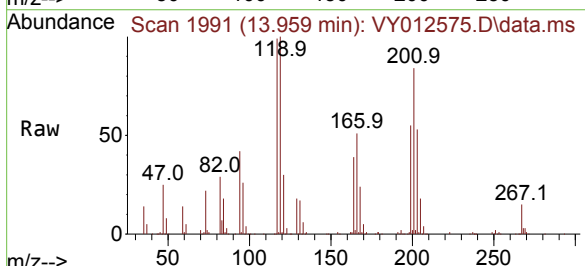
Acq: 10 Feb 2023 15:54

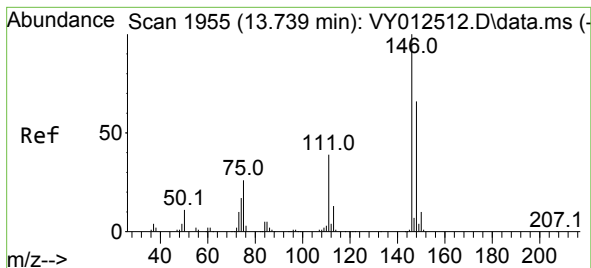
Tgt Ion: 117 Resp: 70682

Ion Ratio Lower Upper

117 100

201 88.0 43.9 131.7

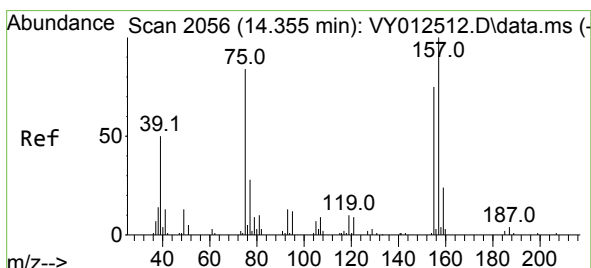
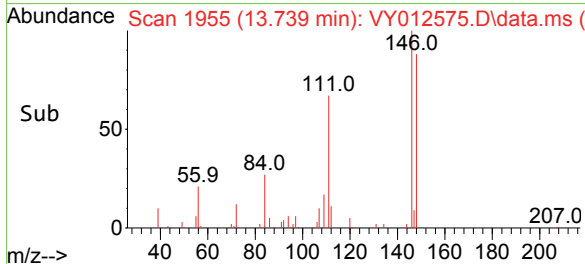
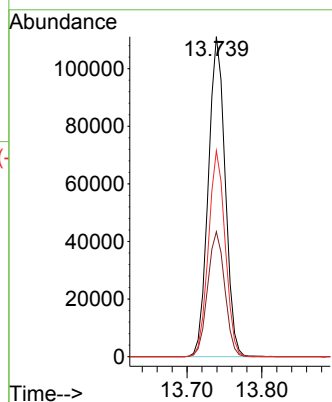
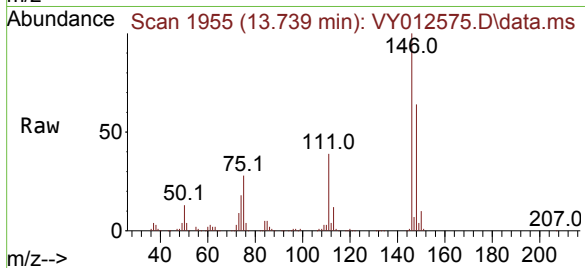




#91
1,2-Dichlorobenzene
Concen: 50.143 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

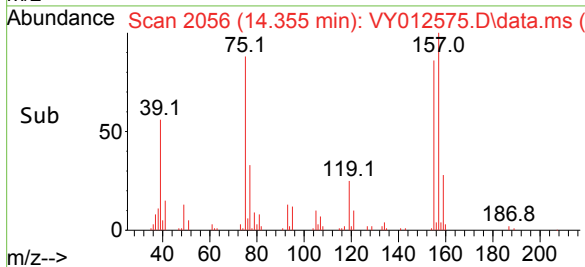
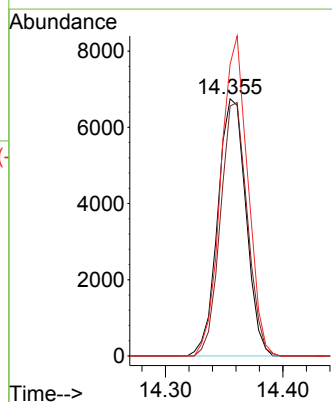
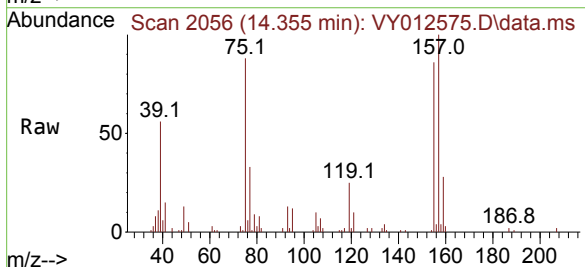
Instrument :
MSVOA_Y
ClientSampleId :

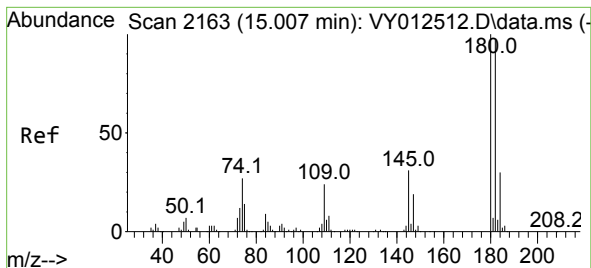
Tgt Ion:146 Resp: 174045
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.1
148 63.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.695 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012575.D
Acq: 10 Feb 2023 15:54

Tgt Ion: 75 Resp: 11249
Ion Ratio Lower Upper
75 100
155 93.8 46.5 139.3
157 118.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.293 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

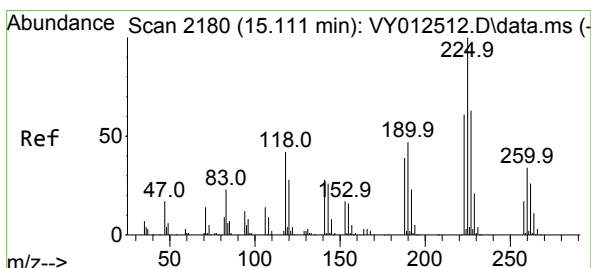
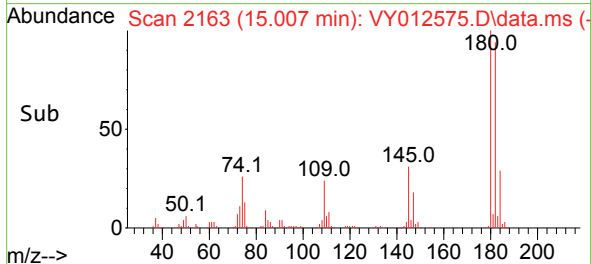
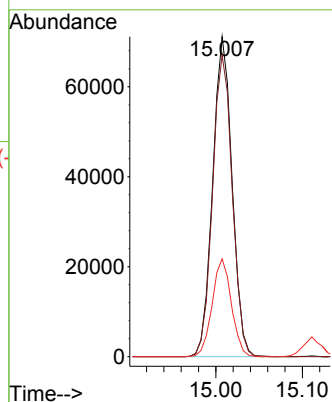
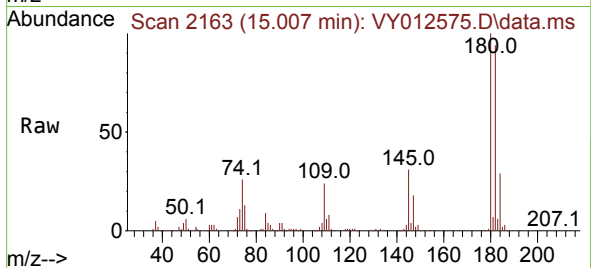
Tgt Ion:180 Resp: 110314

Ion Ratio Lower Upper

180 100

182 96.0 47.7 143.1

145 30.4 15.4 46.4



#94

Hexachlorobutadiene

Concen: 51.713 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

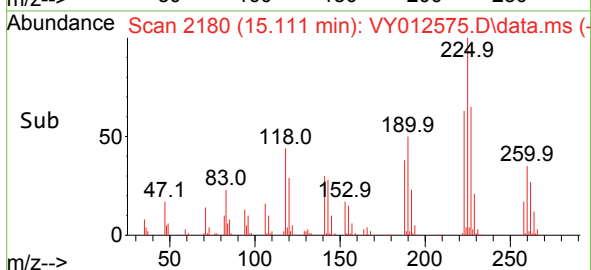
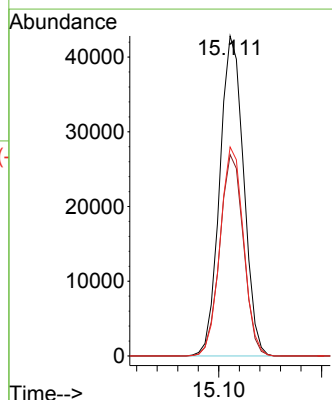
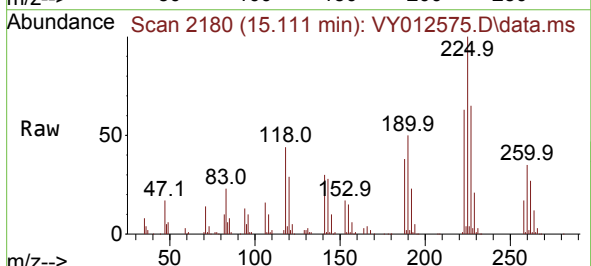
Tgt Ion:225 Resp: 69091

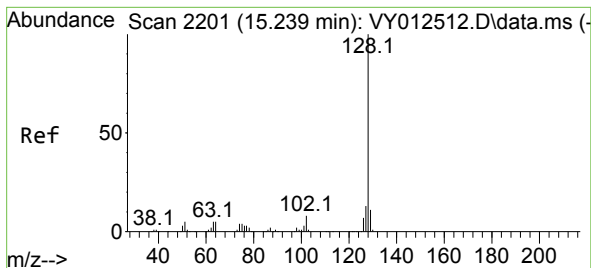
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.3

227 64.0 31.9 95.5





#95

Naphthalene

Concen: 48.203 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

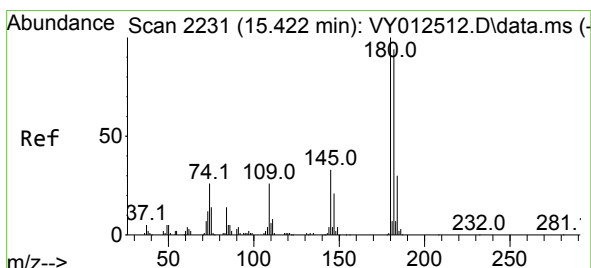
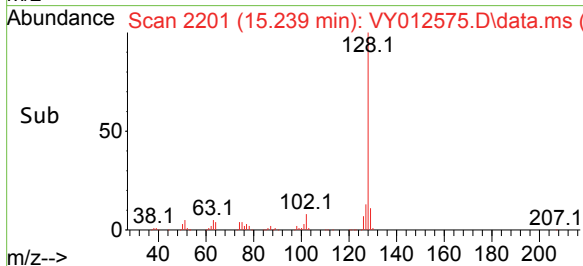
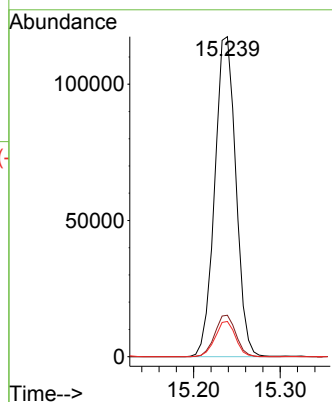
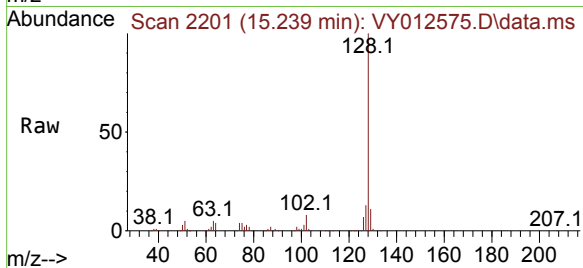
Tgt Ion:128 Resp: 199010

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.403 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012575.D

Acq: 10 Feb 2023 15:54

Tgt Ion:180 Resp: 93831

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.2

145 31.7 16.2 48.6

