

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015284.D
 Acq On : 23 Aug 2023 15:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 24 02:32:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	155224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105690	56.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.440%	
35) Dibromofluoromethane	7.710	113	94560	58.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.300%	
50) Toluene-d8	10.173	98	340752	56.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.580%	
62) 4-Bromofluorobenzene	12.477	95	122843	55.556	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30134	44.811	ug/l	99
3) Chloromethane	2.107	50	45873	49.442	ug/l	98
4) Vinyl Chloride	2.241	62	56787	45.975	ug/l	96
5) Bromomethane	2.631	94	44223	51.322	ug/l	98
6) Chloroethane	2.778	64	45862	51.141	ug/l	95
7) Trichlorofluoromethane	3.113	101	102267	49.137	ug/l	99
8) Diethyl Ether	3.521	74	43046	52.737	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	64382	49.773	ug/l	96
10) Methyl Iodide	4.082	142	60472	47.611	ug/l	98
11) Tert butyl alcohol	4.966	59	80585	263.565	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	52615	48.713	ug/l	95
13) Acrolein	3.723	56	23086	179.872	ug/l	99
14) Allyl chloride	4.466	41	97975	51.162	ug/l	97
15) Acrylonitrile	5.155	53	158294	286.165	ug/l	99
16) Acetone	3.948	43	167418	275.034	ug/l	96
17) Carbon Disulfide	4.180	76	83228	43.784	ug/l	100
18) Methyl Acetate	4.472	43	126520	56.718	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	242442	52.789	ug/l	99
20) Methylene Chloride	4.704	84	88796	61.866	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	59834	49.111	ug/l	98
22) Diisopropyl ether	6.106	45	256069	53.588	ug/l	95
23) Vinyl Acetate	6.051	43	762598	267.461	ug/l	95
24) 1,1-Dichloroethane	6.009	63	137398	53.111	ug/l	98
25) 2-Butanone	6.984	43	238572	276.805	ug/l	96
26) 2,2-Dichloropropane	6.972	77	120406	48.280	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	87327	52.471	ug/l	95
28) Bromochloromethane	7.326	49	61669	51.886	ug/l	96
29) Tetrahydrofuran	7.344	42	140445	272.521	ug/l	93
30) Chloroform	7.496	83	151605	52.276	ug/l	98
31) Cyclohexane	7.777	56	83817	50.379	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	125154	50.714	ug/l	99
36) 1,1-Dichloropropene	7.911	75	90728	50.428	ug/l	99
37) Ethyl Acetate	7.070	43	91548	54.589	ug/l	97
38) Carbon Tetrachloride	7.893	117	104898	49.264	ug/l	99
39) Methylcyclohexane	9.179	83	96875	48.031	ug/l	93
40) Benzene	8.155	78	283338	52		

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	129226	149.436	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	104684	52.992	ug/l	95
43) Isopropyl Acetate	8.271	43	165015	54.033	ug/l	99
44) Trichloroethene	8.935	130	79709	50.864	ug/l	100
45) 1,2-Dichloropropane	9.209	63	82298	53.654	ug/l	98
46) Dibromomethane	9.301	93	51242	52.969	ug/l	97
47) Bromodichloromethane	9.490	83	124061	53.741	ug/l	96
48) Methyl methacrylate	9.289	41	72476	55.477	ug/l	93
49) 1,4-Dioxane	9.295	88	20913	1081.063	ug/l #	54
51) 4-Methyl-2-Pentanone	10.063	43	509945	288.112	ug/l	95
52) Toluene	10.240	92	186004	51.881	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	125342	51.664	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	131968	51.650	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	80496	54.724	ug/l	98
56) Ethyl methacrylate	10.508	69	118405	55.002	ug/l	90
57) 1,3-Dichloropropane	10.788	76	131136	54.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	259446	258.971	ug/l	96
59) 2-Hexanone	10.825	43	376312	287.271	ug/l	93
60) Dibromochloromethane	10.983	129	95028	54.158	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75088	53.735	ug/l	99
64) Tetrachloroethene	10.715	164	82880	51.113	ug/l	97
65) Chlorobenzene	11.514	112	220729	52.051	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	90375	52.524	ug/l	99
67) Ethyl Benzene	11.587	91	376374	50.657	ug/l	100
68) m/p-Xylenes	11.697	106	286396	101.491	ug/l	96
69) o-Xylene	12.026	106	143988	51.221	ug/l	97
70) Styrene	12.038	104	254338	52.275	ug/l	97
71) Bromoform	12.203	173	64172	51.448	ug/l #	100
73) Isopropylbenzene	12.325	105	388269	49.798	ug/l	99
74) N-amyl acetate	12.142	43	147860	52.525	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	111010	54.667	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	139585	94.755	ug/l #	100
77) Bromobenzene	12.605	156	95514	50.257	ug/l	96
78) n-propylbenzene	12.666	91	465576	50.285	ug/l	99
79) 2-Chlorotoluene	12.751	91	267367	50.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	323838	49.827	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	34163	50.939	ug/l	99
82) 4-Chlorotoluene	12.849	91	278187	50.414	ug/l	99
83) tert-Butylbenzene	13.068	119	300669	50.578	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	324236	49.926	ug/l	99
85) sec-Butylbenzene	13.251	105	439912	50.506	ug/l	100
86) p-Isopropyltoluene	13.367	119	362466	50.193	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	191897	50.907	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	191546	50.662	ug/l	99
89) n-Butylbenzene	13.690	91	345494	50.742	ug/l	97
90) Hexachloroethane	13.959	117	69881	48.778	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	182388	51.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20946	53.247	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	117027	51.765	ug/l	99
94) Hexachlorobutadiene	15.111	225	60732	49.386	ug/l	98
95) Naphthalene	15.233	128	294414	52.278		

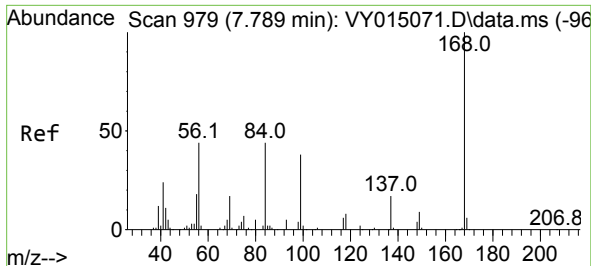
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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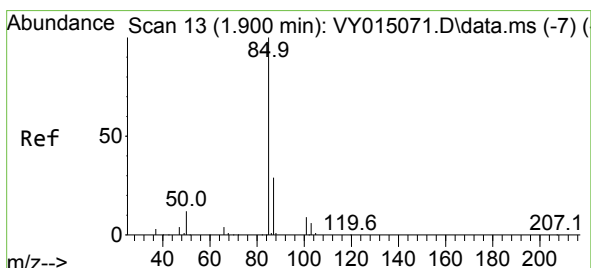
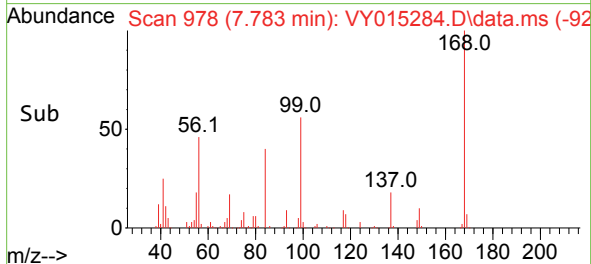
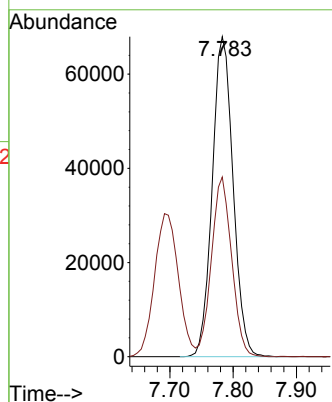
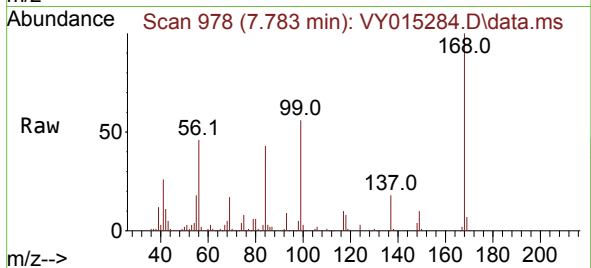
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

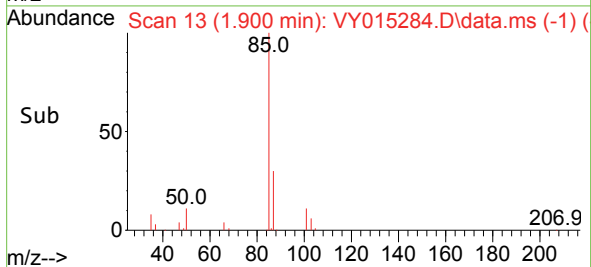
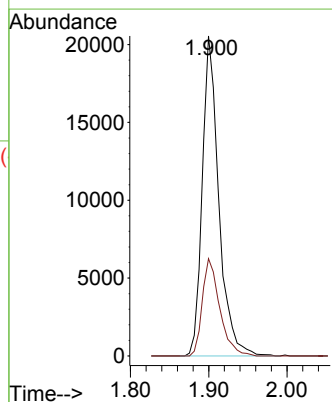
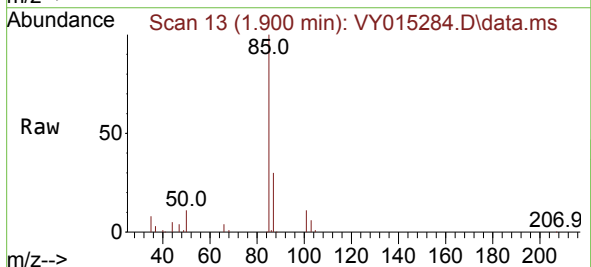
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MSVOA_Y
ClientSampleId :

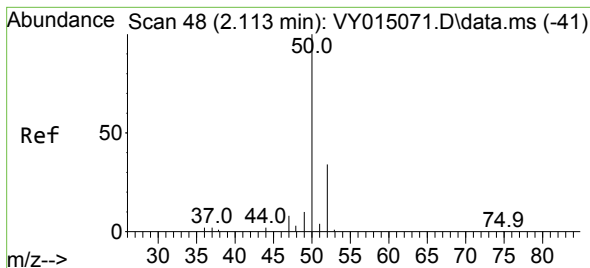
Tgt Ion:168 Resp: 155224
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.811 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 85 Resp: 30134
Ion Ratio Lower Upper
85 100
87 30.4 15.6 46.8





#3

Chloromethane

Concen: 49.442 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

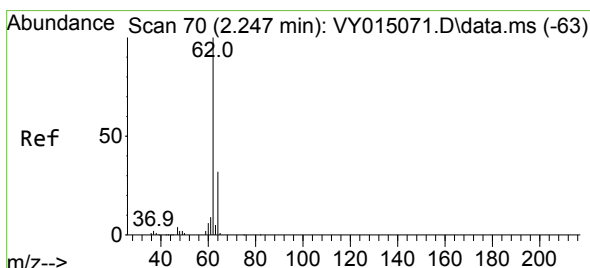
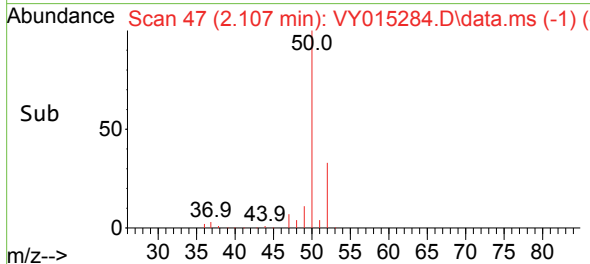
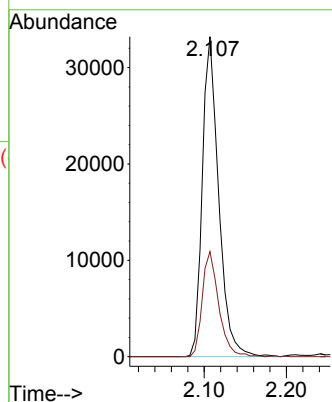
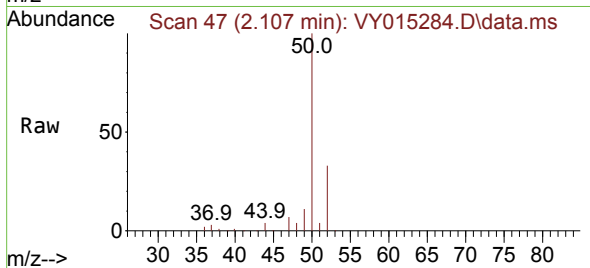
ClientSampleId :

Tgt Ion: 50 Resp: 45873

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 45.975 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY015284.D

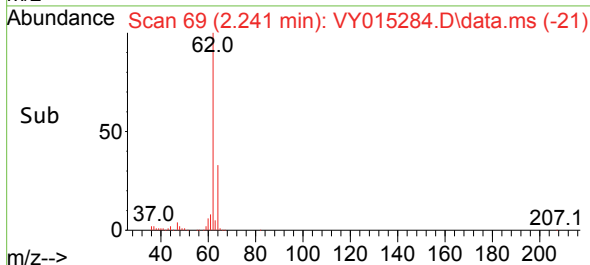
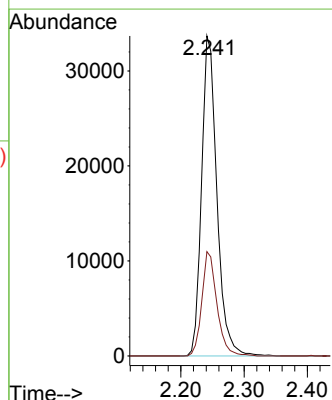
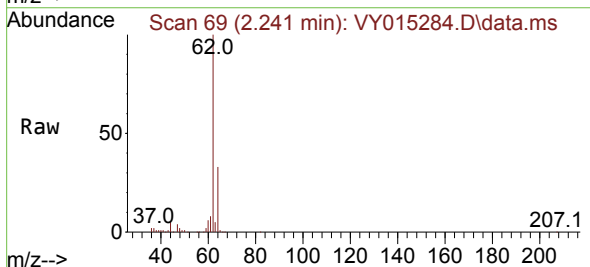
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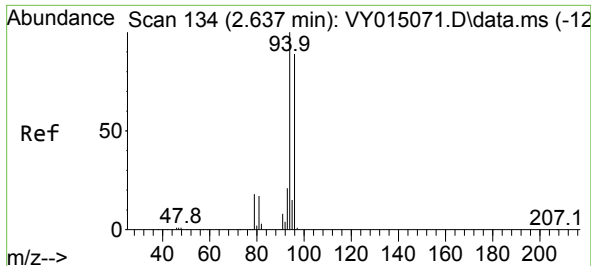
Tgt Ion: 62 Resp: 56787

Ion Ratio Lower Upper

62 100

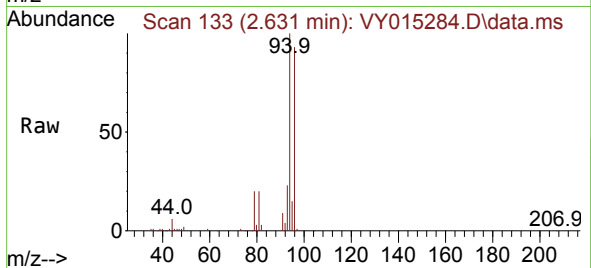
64 32.6 24.3 36.5



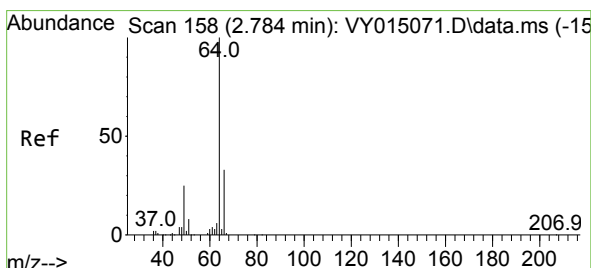
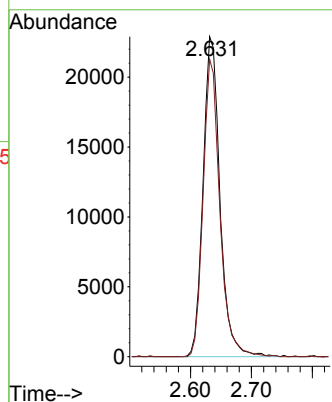
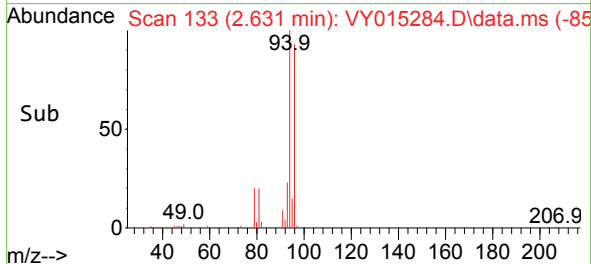


#5
Bromomethane
Concen: 51.322 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Instrument :
MSVOA_Y
ClientSampleId :

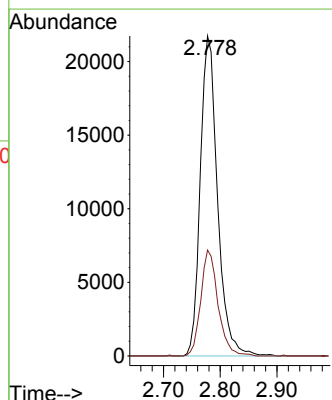
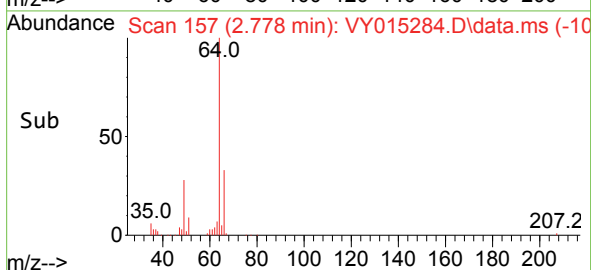
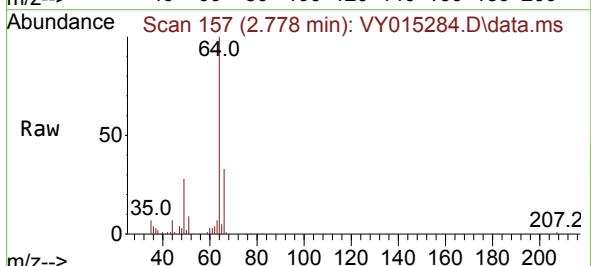


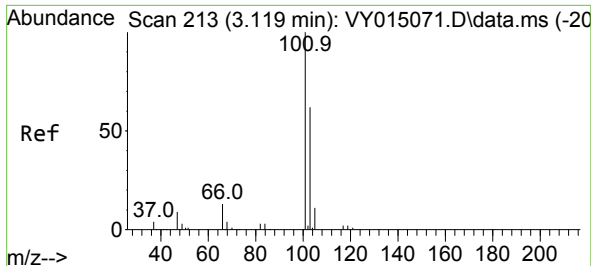
Tgt Ion: 94 Resp: 44223
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.6



#6
Chloroethane
Concen: 51.141 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 64 Resp: 45862
Ion Ratio Lower Upper
64 100
66 33.1 24.4 36.6

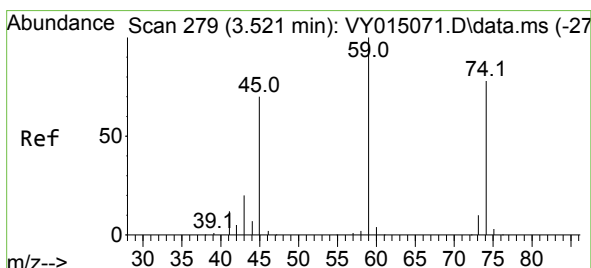
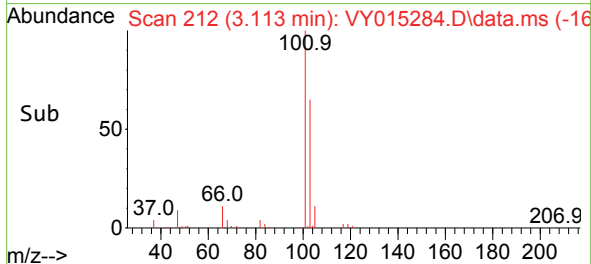
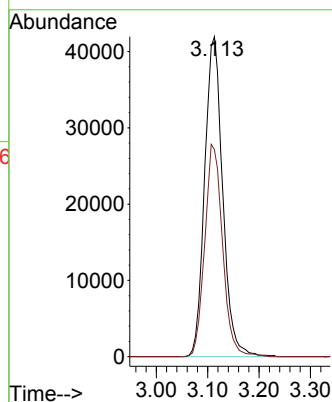
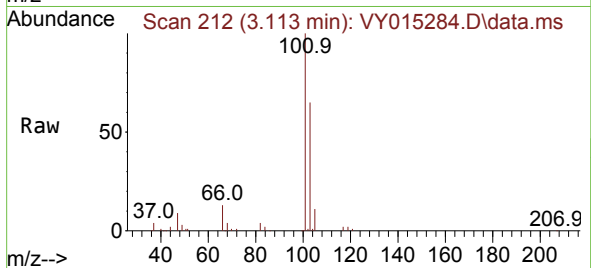




#7
 Trichlorofluoromethane
 Concen: 49.137 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY015284.D
 Acq: 23 Aug 2023 15:57

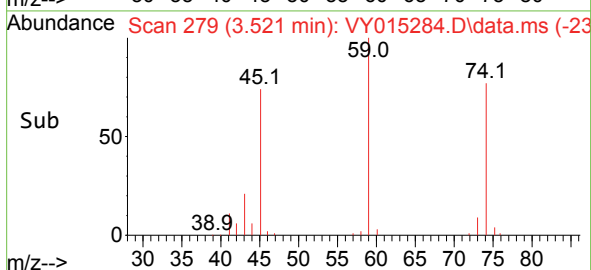
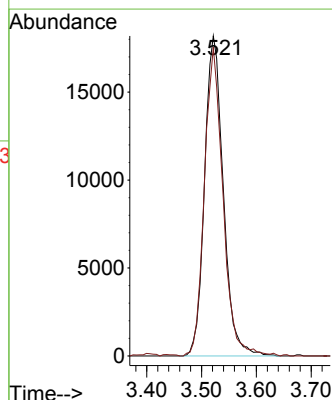
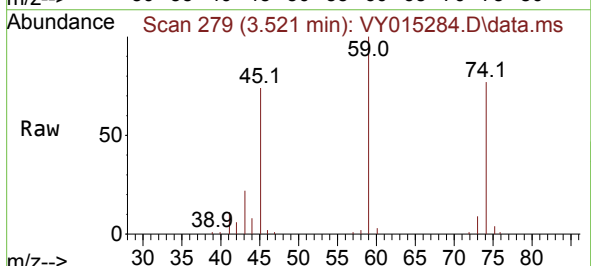
Instrument :
 MSVOA_Y
 ClientSampleId :

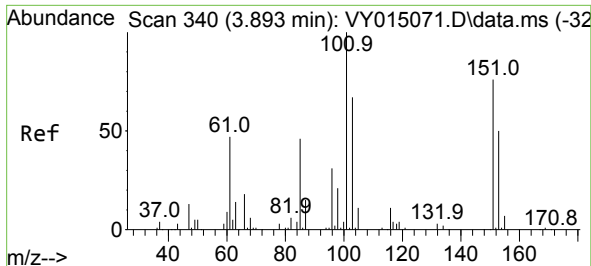
Tgt Ion:101 Resp: 102267
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.737 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY015284.D
 Acq: 23 Aug 2023 15:57

Tgt Ion: 74 Resp: 43046
 Ion Ratio Lower Upper
 74 100
 45 95.8 51.5 154.5

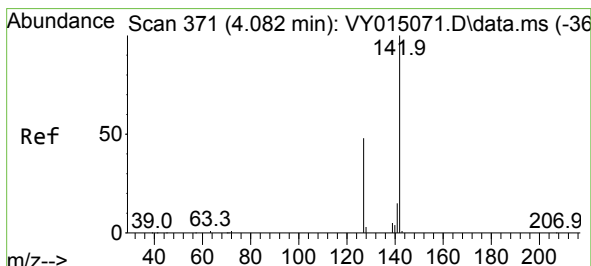
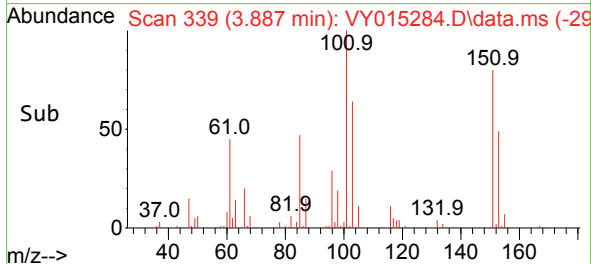
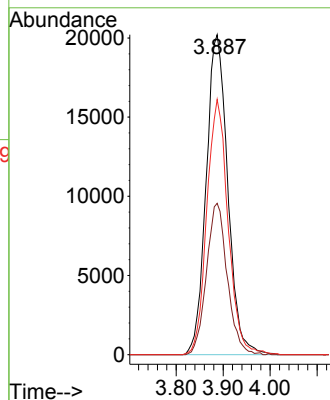
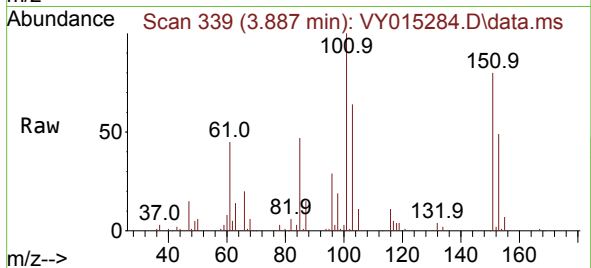




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.773 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

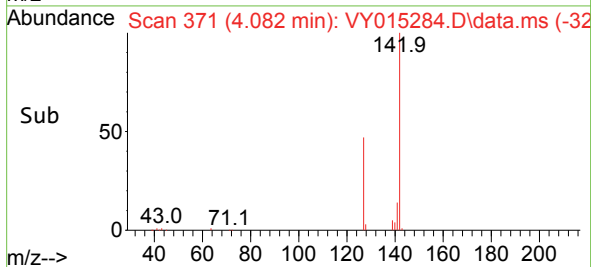
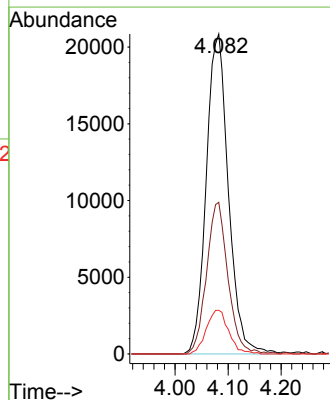
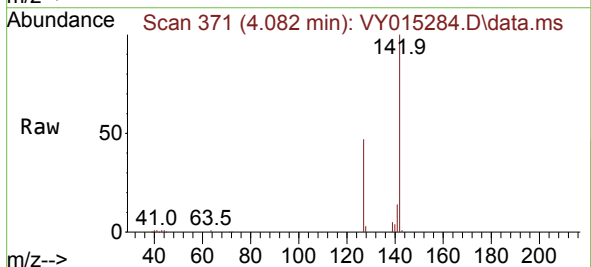
Instrument :
MSVOA_Y
ClientSampleId :

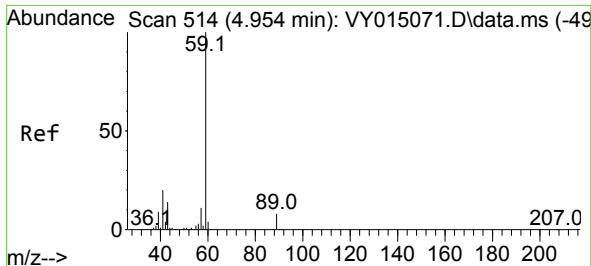
Tgt Ion:101 Resp: 64382
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 47.611 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

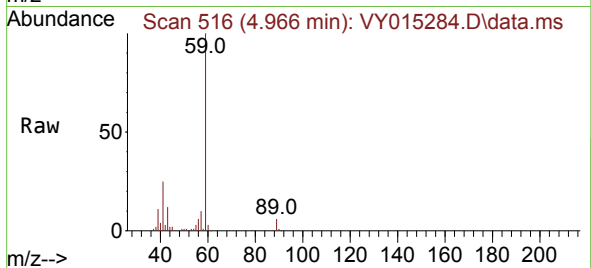
Tgt Ion:142 Resp: 60472
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 13.8 11.8 17.8



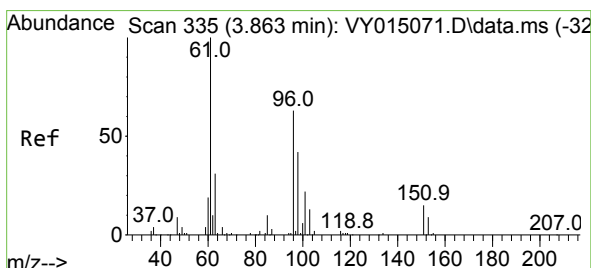
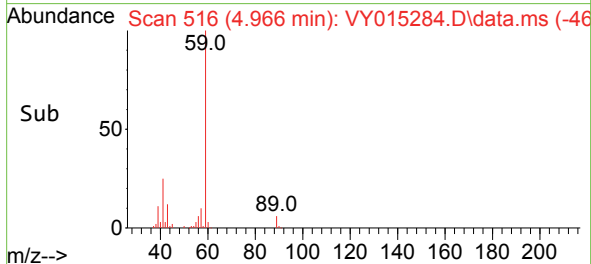
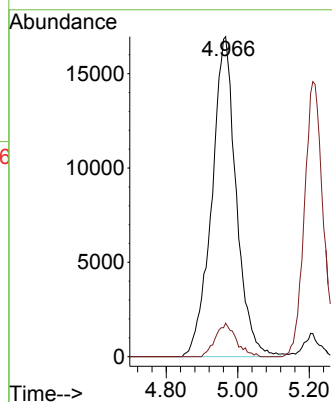


#11
Tert butyl alcohol
Concen: 263.565 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Instrument :
MSVOA_Y
ClientSampleId :

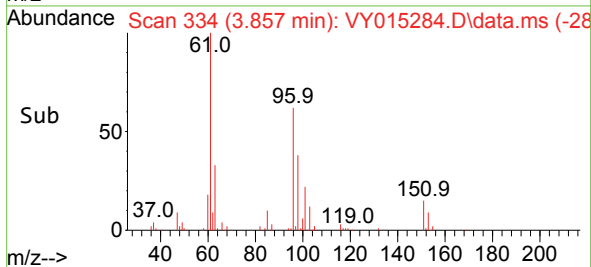
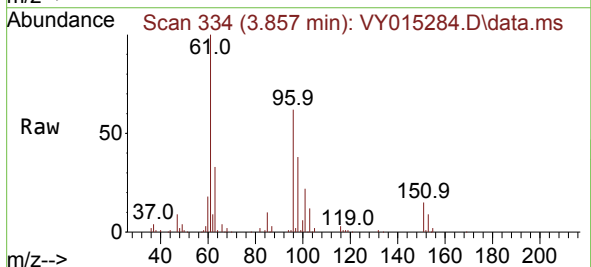
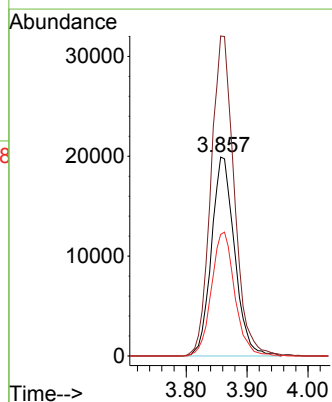


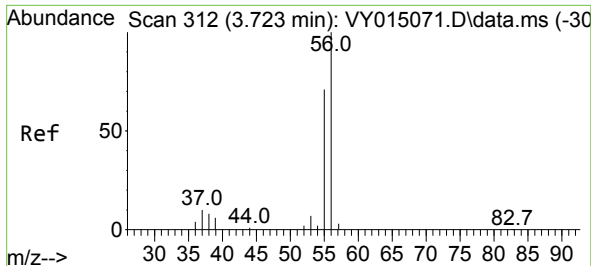
Tgt Ion: 59 Resp: 80585
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.713 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

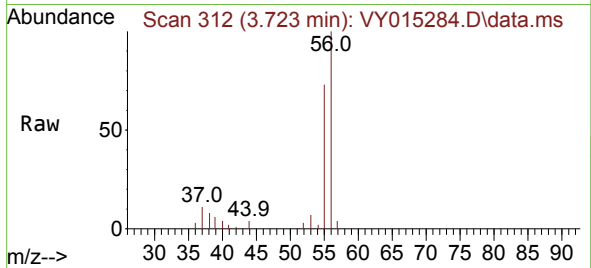
Tgt Ion: 96 Resp: 52615
Ion Ratio Lower Upper
96 100
61 160.9 136.4 204.6
98 61.1 49.4 74.2



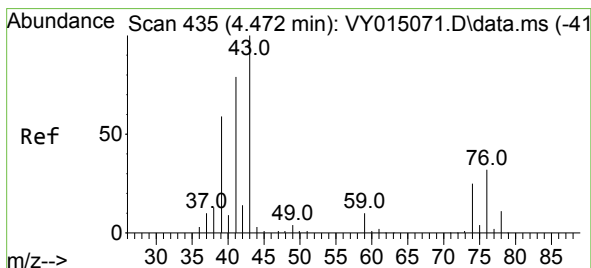
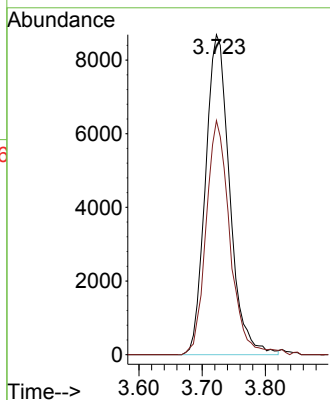
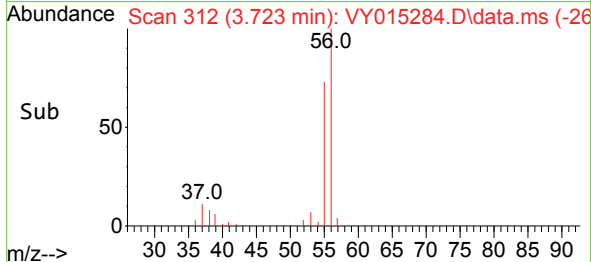


#13
Acrolein
Concen: 179.872 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

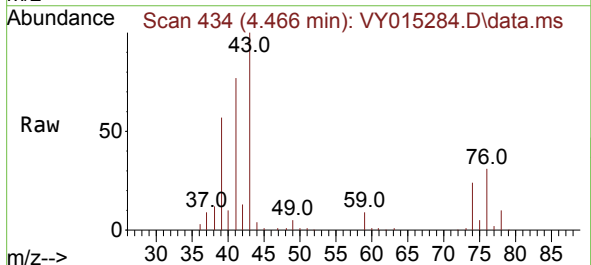
Instrument :
MSVOA_Y
ClientSampleId :



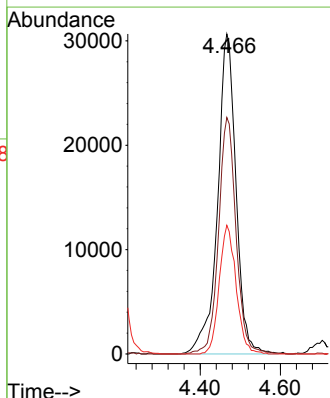
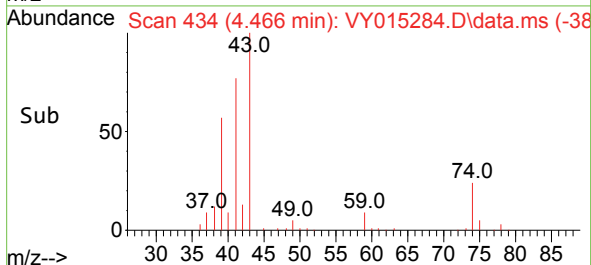
Tgt Ion: 56 Resp: 23086
Ion Ratio Lower Upper
56 100
55 72.2 57.0 85.4

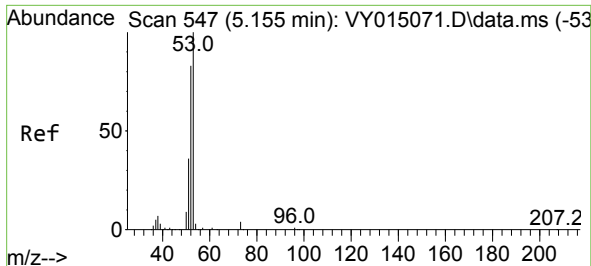


#14
Allyl chloride
Concen: 51.162 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57



Tgt Ion: 41 Resp: 97975
Ion Ratio Lower Upper
41 100
39 70.3 58.0 87.0
76 36.8 27.4 41.2

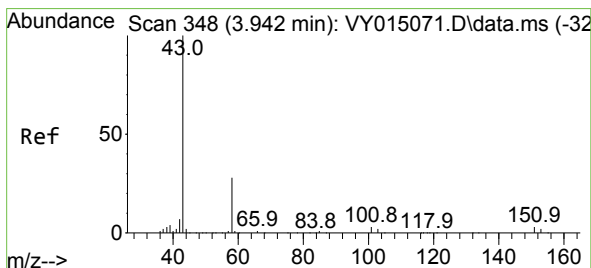
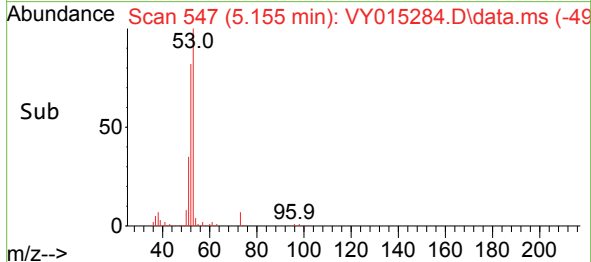
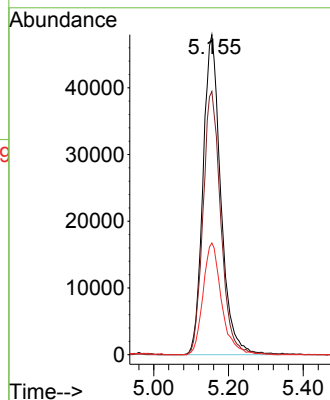
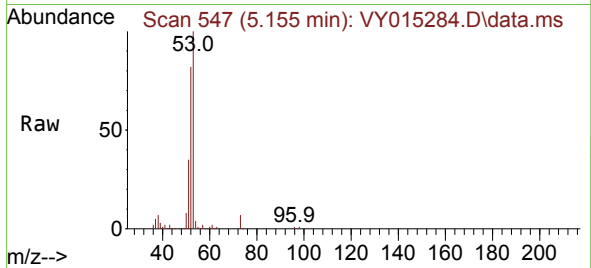




#15
Acrylonitrile
Concen: 286.165 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

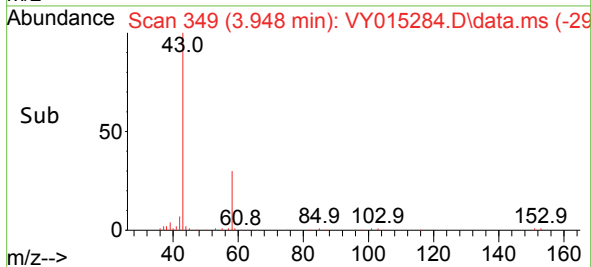
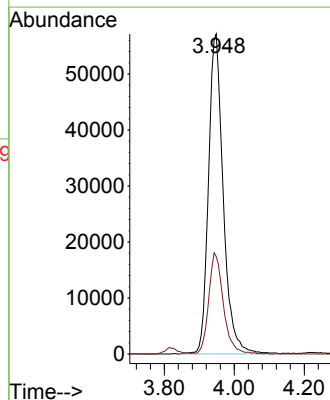
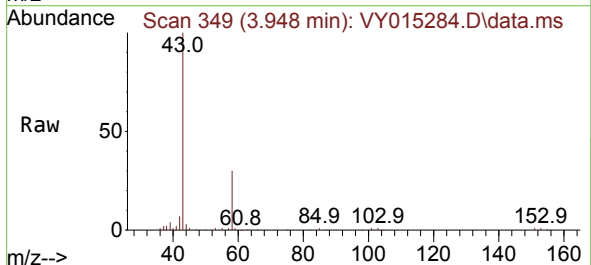
Instrument :
MSVOA_Y
ClientSampleId :

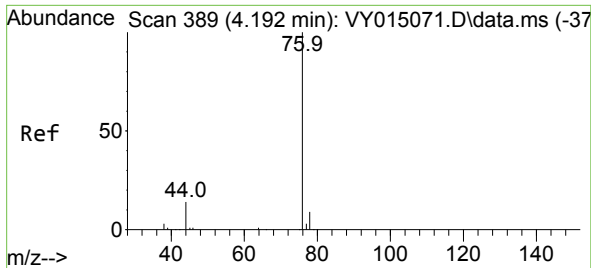
Tgt Ion: 53 Resp: 158294
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 275.034 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 43 Resp: 167418
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1

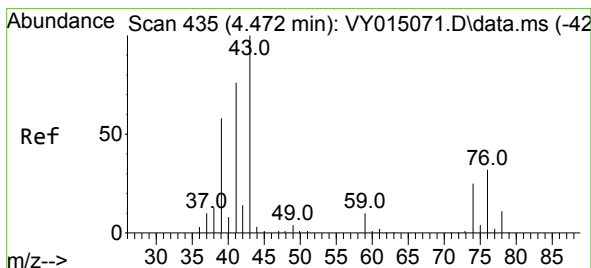
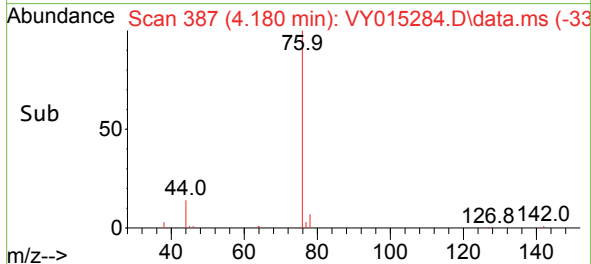
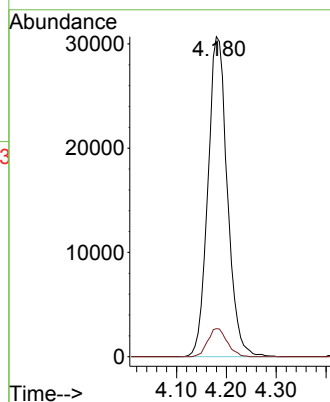
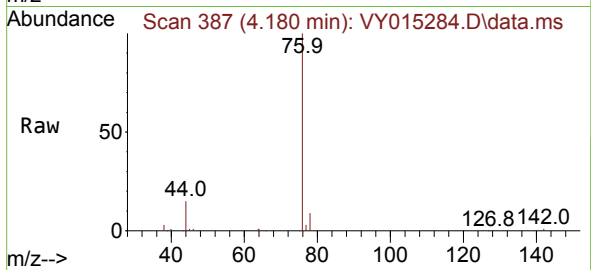




#17
Carbon Disulfide
Concen: 43.784 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

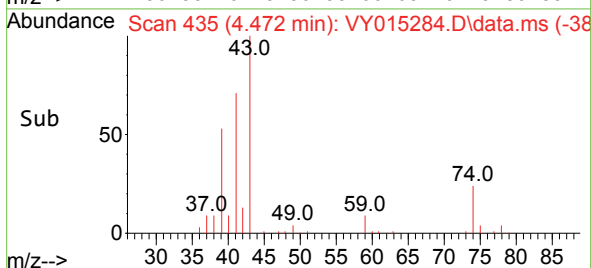
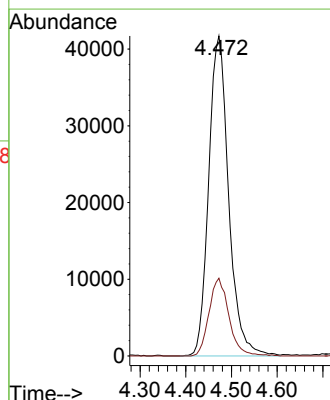
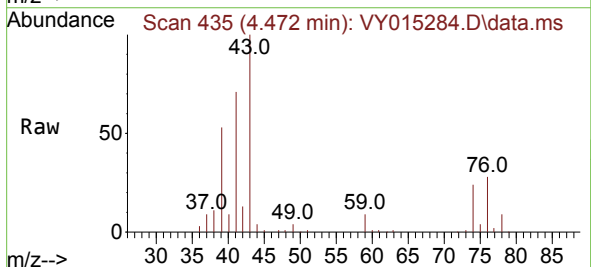
Instrument :
MSVOA_Y
ClientSampleId :

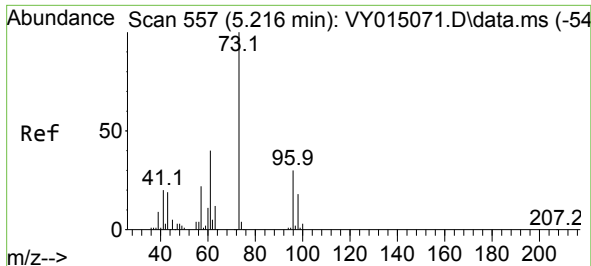
Tgt Ion: 76 Resp: 83228
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 56.718 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

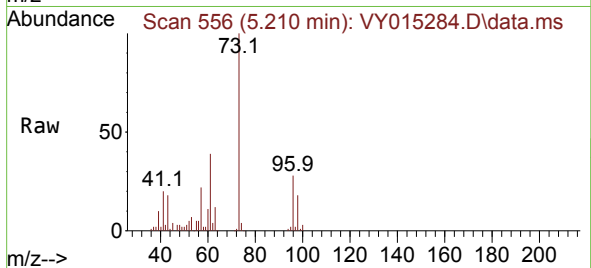
Tgt Ion: 43 Resp: 126520
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0



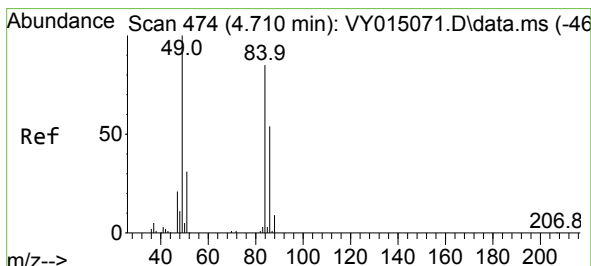
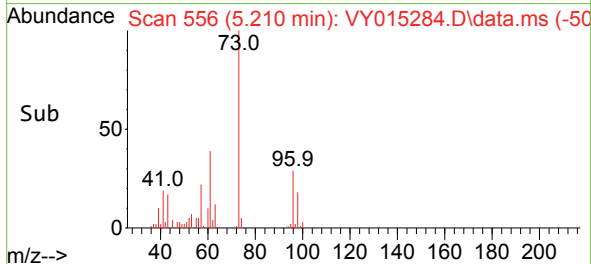
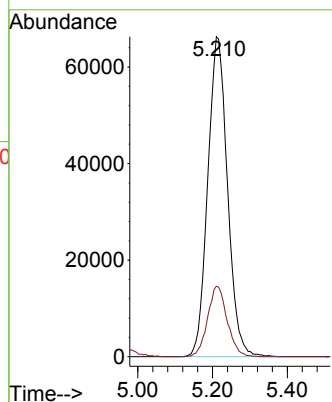


#19
Methyl tert-butyl Ether
Concen: 52.789 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Instrument :
MSVOA_Y
ClientSampleId :

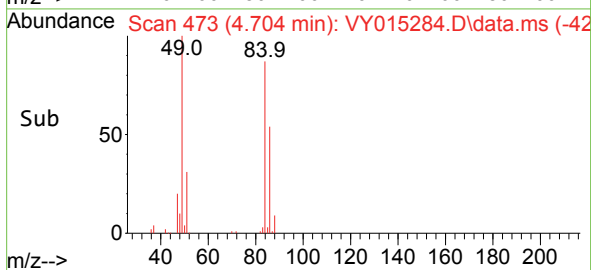
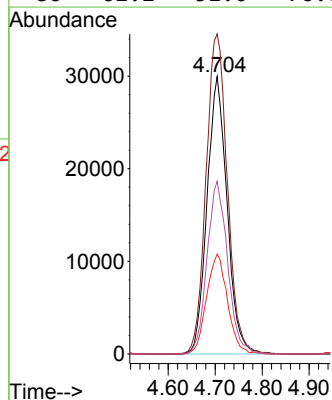
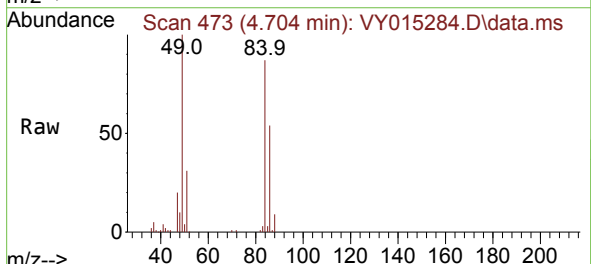


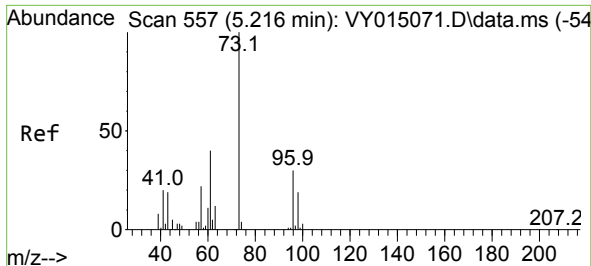
Tgt Ion: 73 Resp: 242442
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 61.866 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

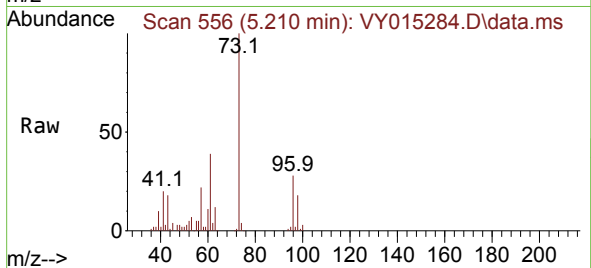
Tgt Ion: 84 Resp: 88796
Ion Ratio Lower Upper
84 100
49 115.3 106.9 160.3
51 36.0 33.2 49.8
86 62.2 51.0 76.6



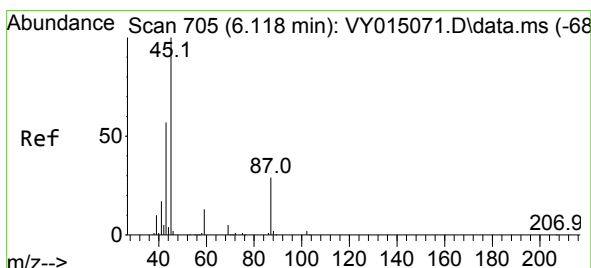
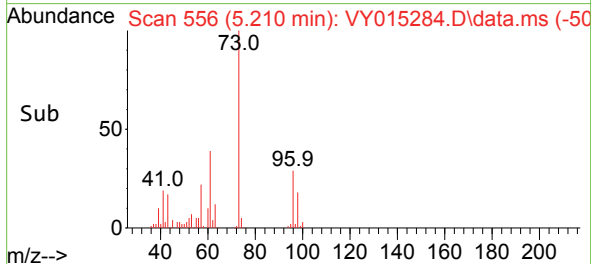
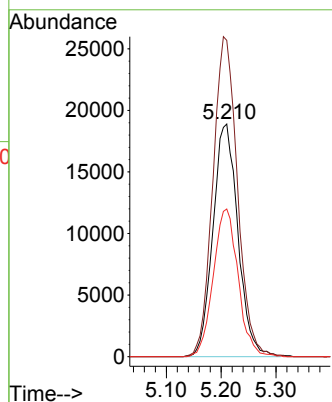


#21
trans-1,2-Dichloroethene
Concen: 49.111 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Instrument :
MSVOA_Y
ClientSampleId :

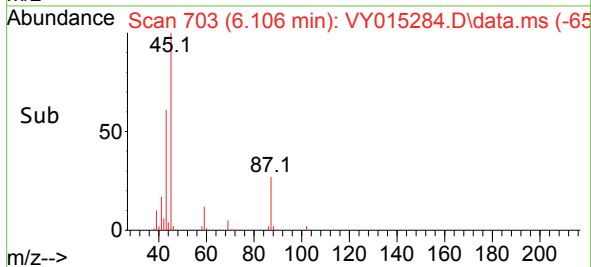
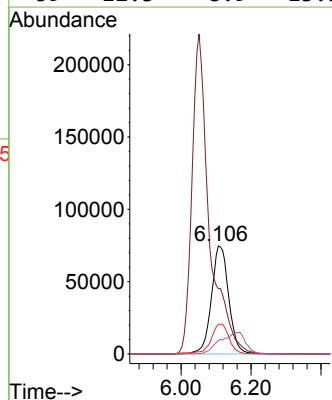
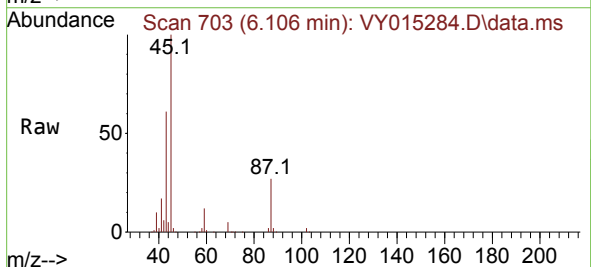


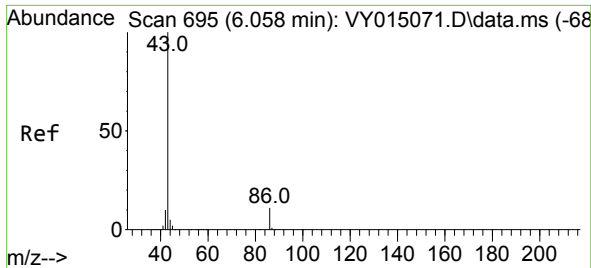
Tgt Ion: 96 Resp: 59834
Ion Ratio Lower Upper
96 100
61 136.0 110.2 165.4
98 63.5 51.8 77.6



#22
Diisopropyl ether
Concen: 53.588 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 45 Resp: 256069
Ion Ratio Lower Upper
45 100
43 60.4 52.2 78.4
87 27.4 21.0 31.6
59 12.3 8.9 13.3

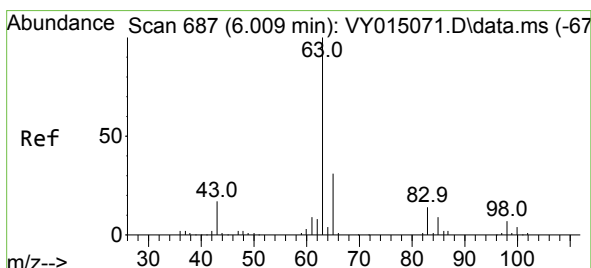
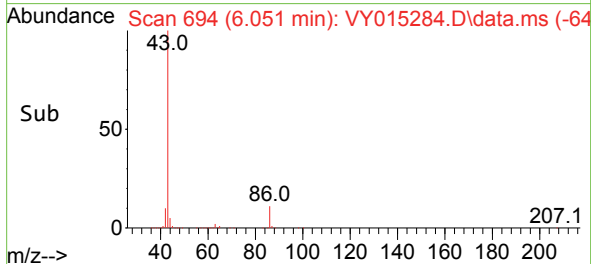
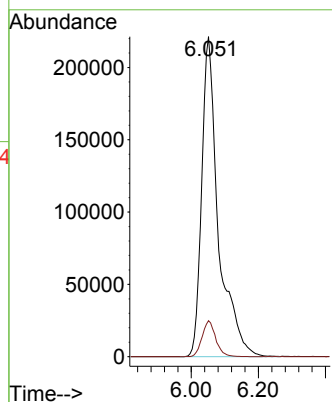
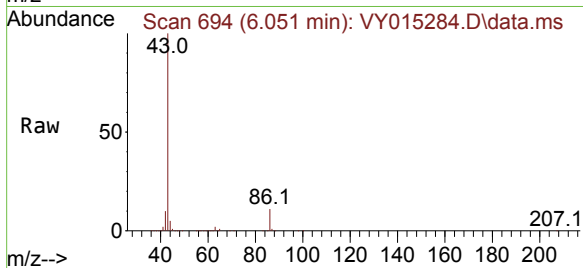




#23
 Vinyl Acetate
 Concen: 267.461 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015284.D
 Acq: 23 Aug 2023 15:57

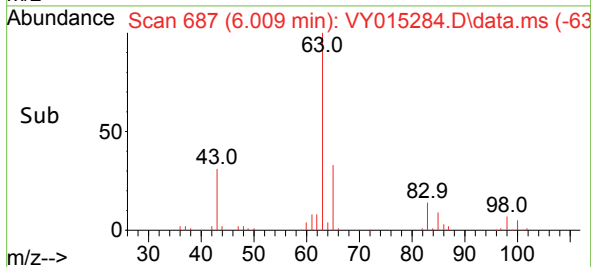
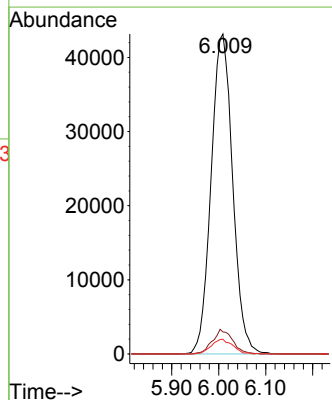
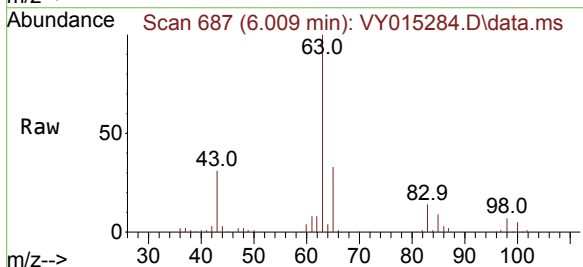
Instrument :
 MSVOA_Y
 ClientSampleId :

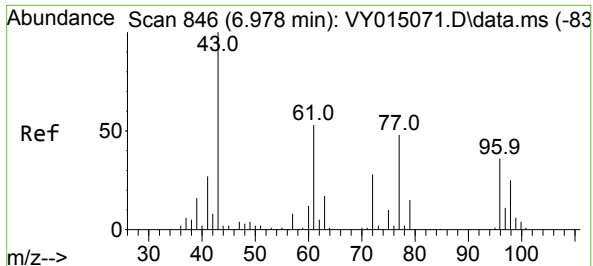
Tgt Ion: 43 Resp: 762598
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 53.111 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015284.D
 Acq: 23 Aug 2023 15:57

Tgt Ion: 63 Resp: 137398
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.6 1.8 5.5

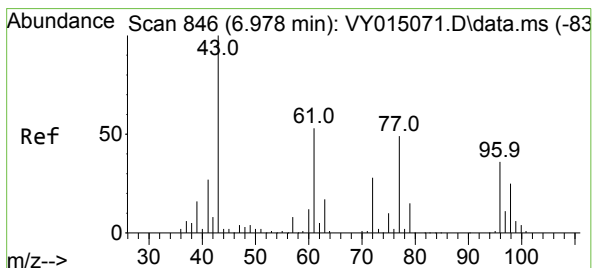
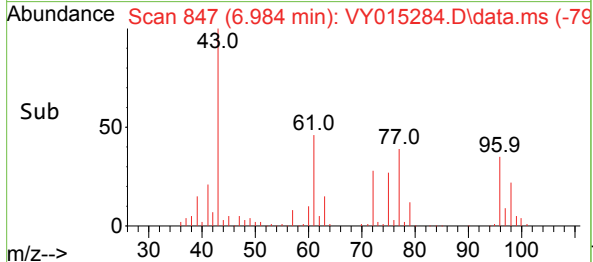
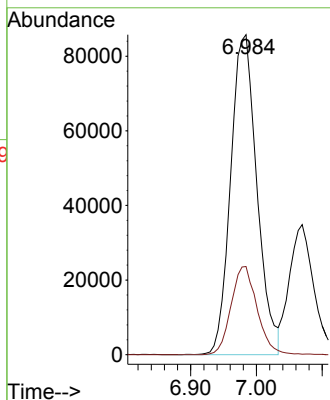
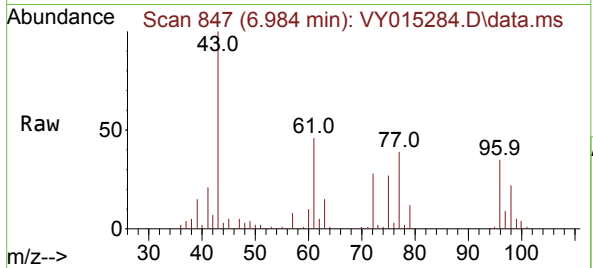




#25
2-Butanone
Concen: 276.805 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

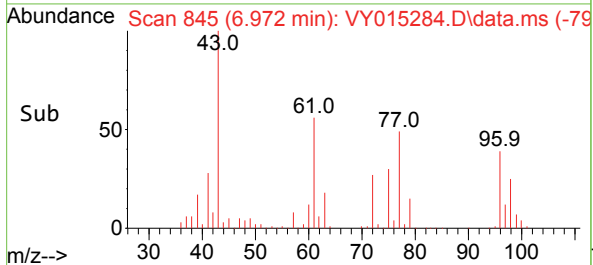
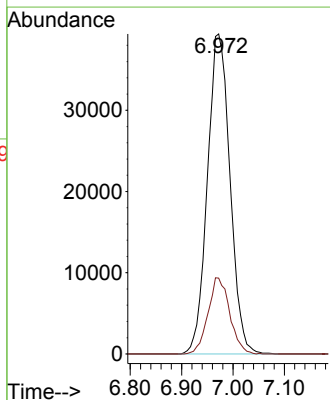
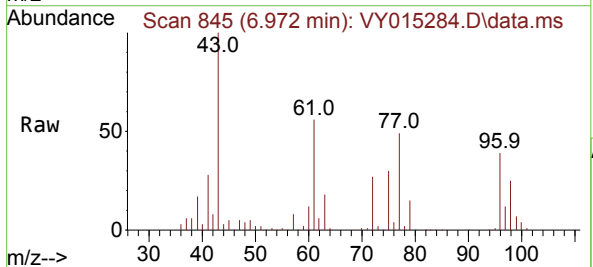
Instrument :
MSVOA_Y
ClientSampleId :

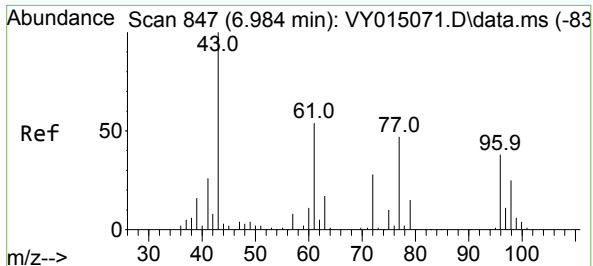
Tgt Ion: 43 Resp: 238572
Ion Ratio Lower Upper
43 100
72 27.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 48.280 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 77 Resp: 120406
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.471 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

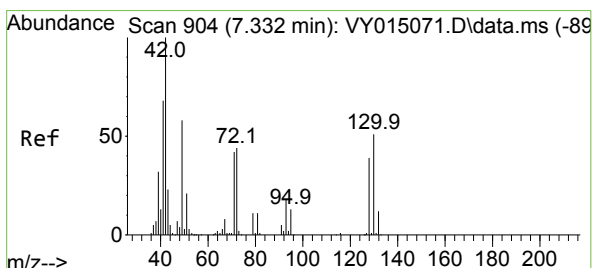
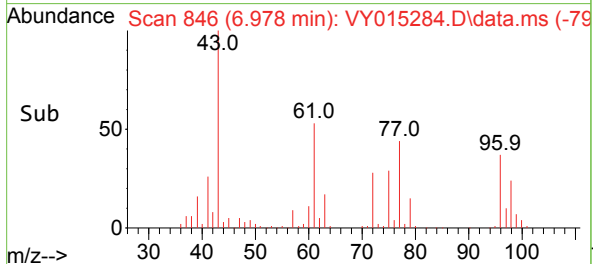
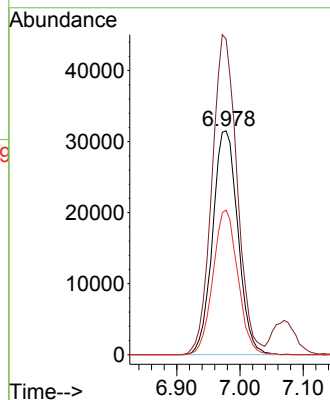
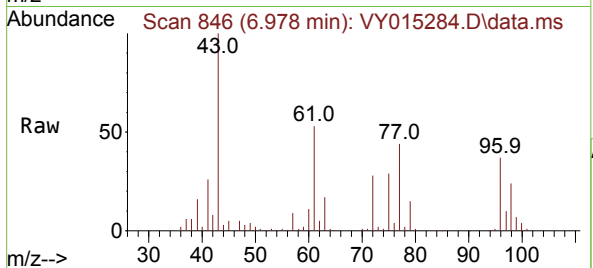
Tgt Ion: 96 Resp: 87327

Ion Ratio Lower Upper

96 100

61 142.4 0.0 301.4

98 63.5 0.0 130.4



#28

Bromochloromethane

Concen: 51.886 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

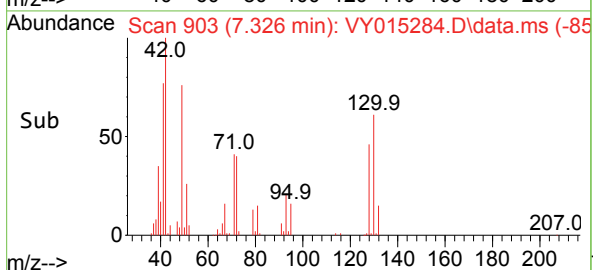
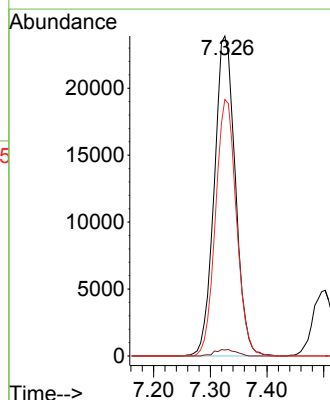
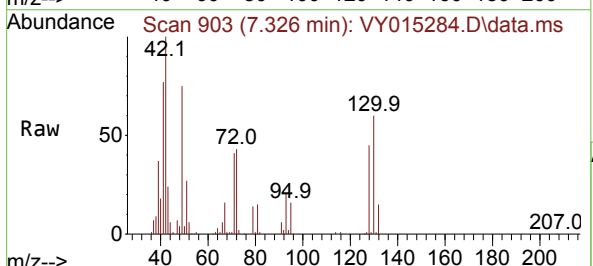
Tgt Ion: 49 Resp: 61669

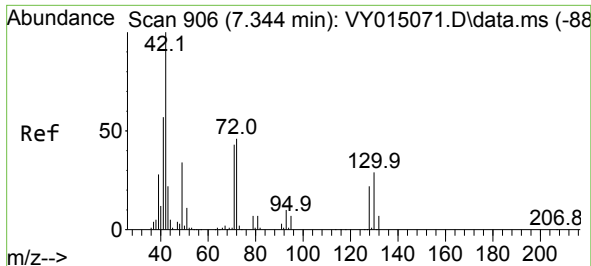
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 79.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 272.521 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

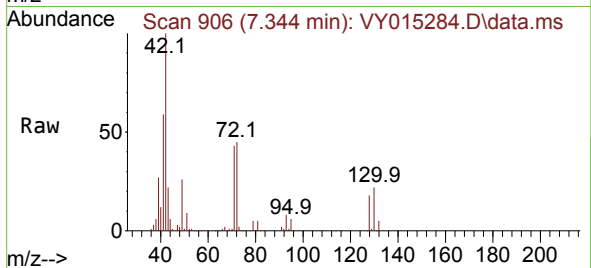
Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

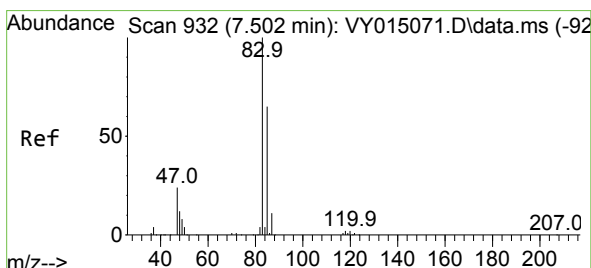
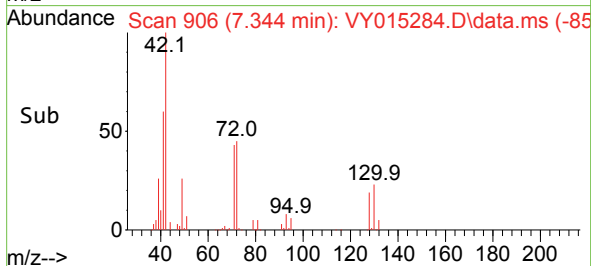
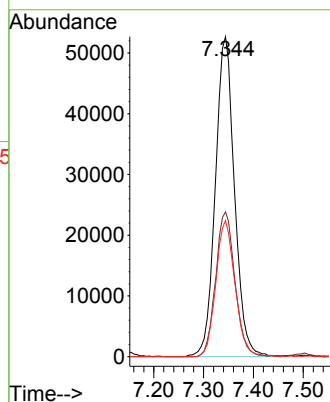
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	140445
Ion	Ratio	Lower	Upper
42	100		
72	45.5	32.8	49.2
71	42.5	31.0	46.4



#30

Chloroform

Concen: 52.276 ug/l

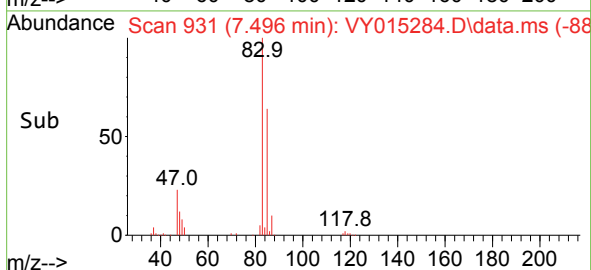
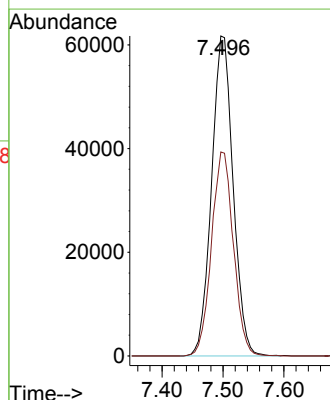
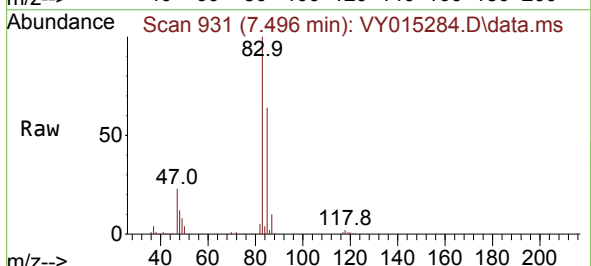
RT: 7.496 min Scan# 931

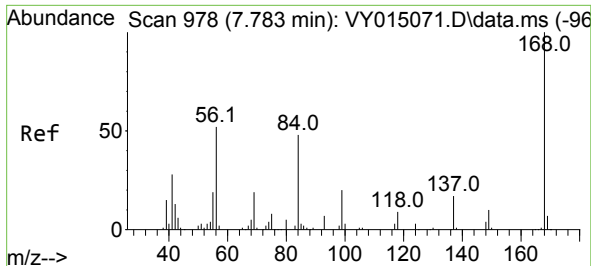
Delta R.T. -0.006 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Tgt Ion:	83	Resp:	151605
Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.7	74.5

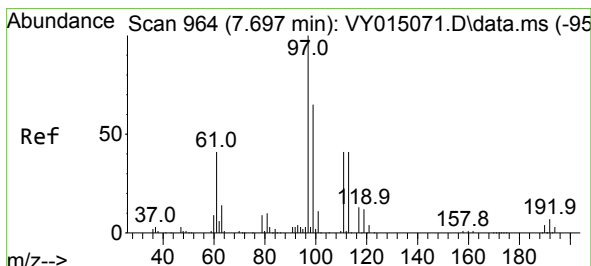
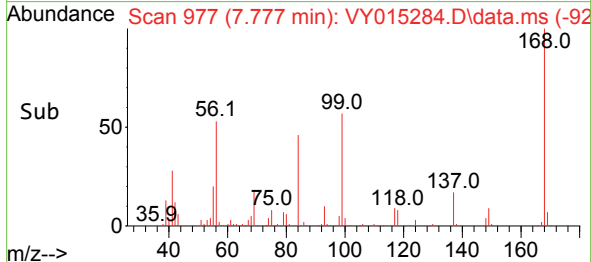
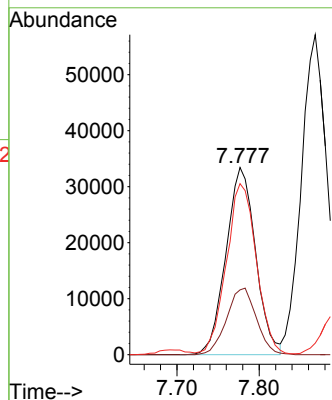
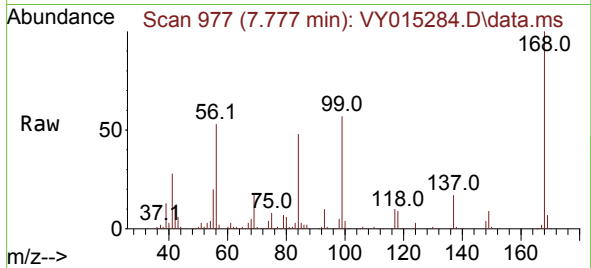




#31
Cyclohexane
Concen: 50.379 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

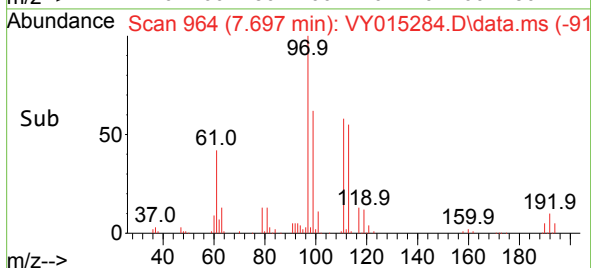
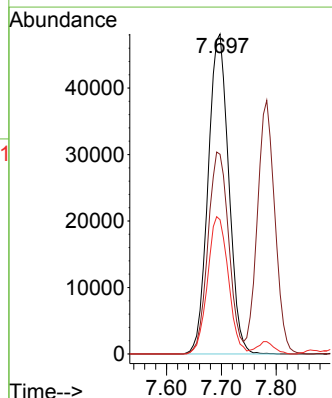
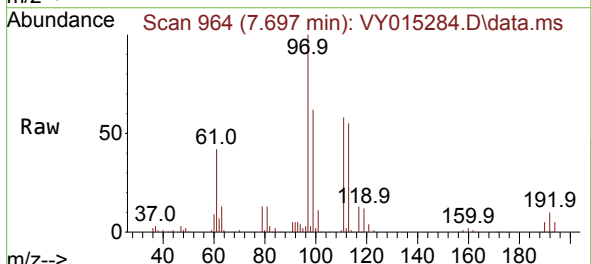
Instrument :
MSVOA_Y
ClientSampleId :

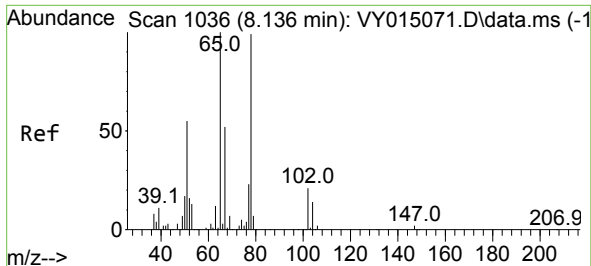
Tgt Ion: 56 Resp: 83817
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.6
84 89.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.714 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 97 Resp: 125154
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.721 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

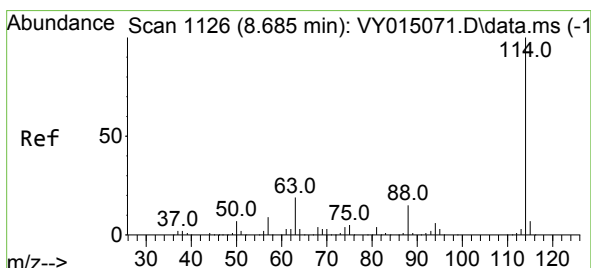
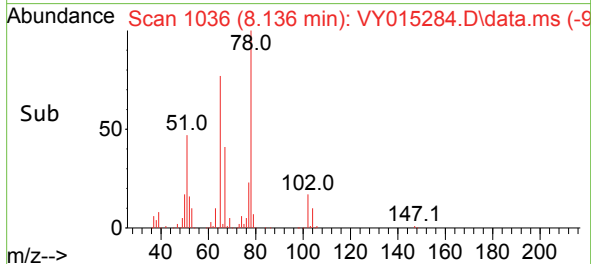
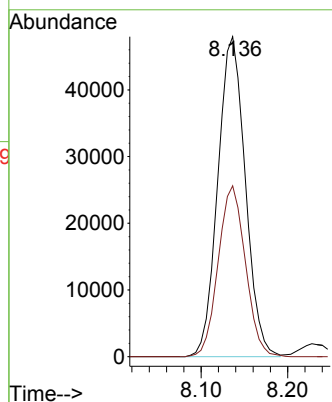
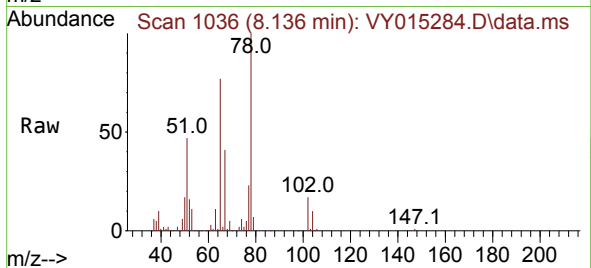
ClientSampleId :

Tgt Ion: 65 Resp: 105690

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

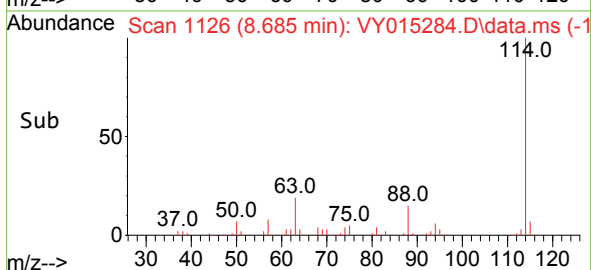
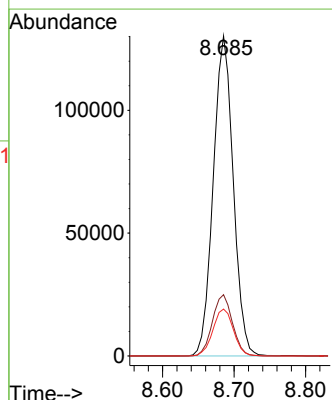
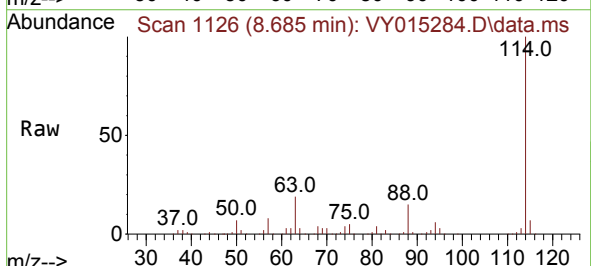
Tgt Ion: 114 Resp: 252785

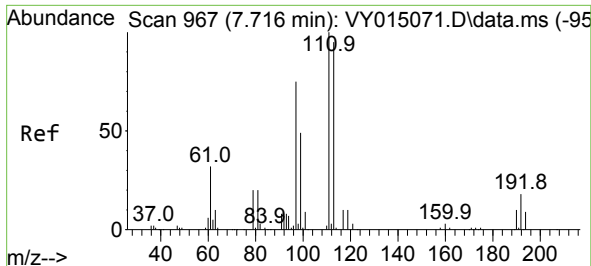
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.6 0.0 30.6

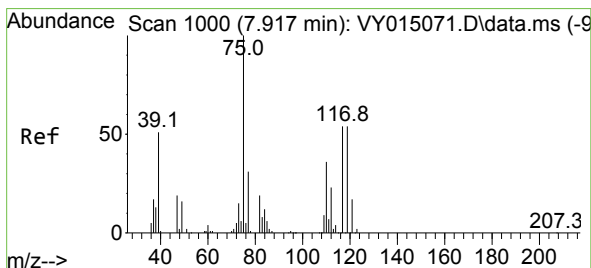
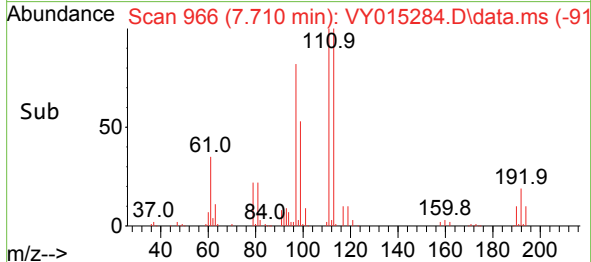
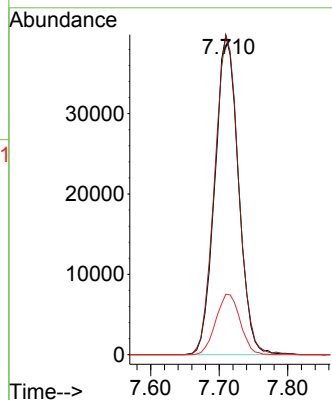
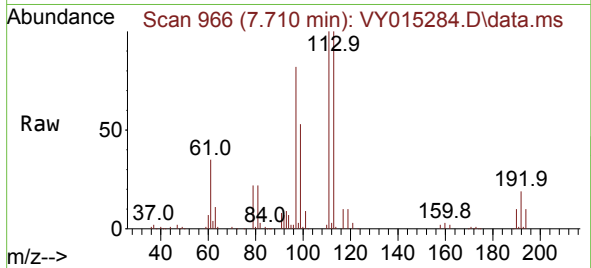




#35
Dibromofluoromethane
Concen: 58.146 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

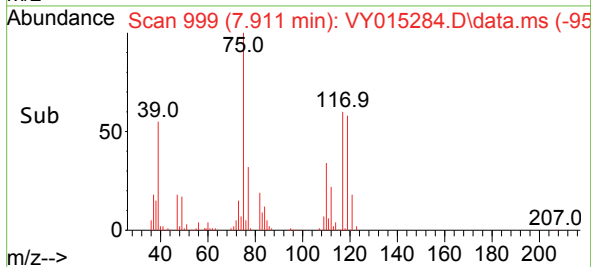
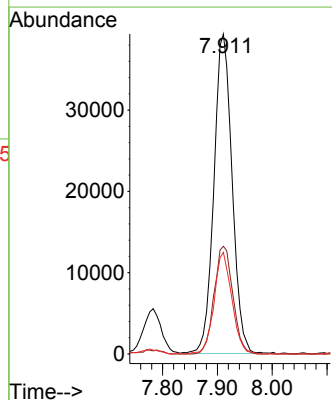
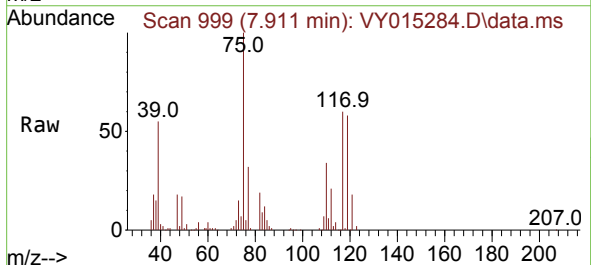
Instrument :
MSVOA_Y
ClientSampleId :

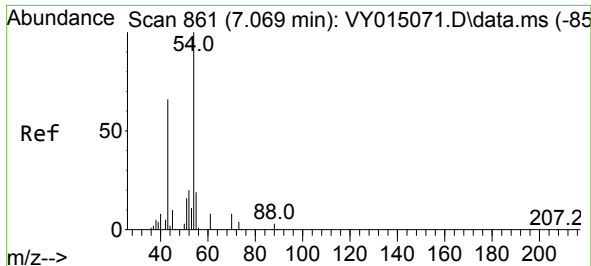
Tgt Ion:113 Resp: 94560
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.428 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 75 Resp: 90728
Ion Ratio Lower Upper
75 100
110 34.6 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 54.589 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

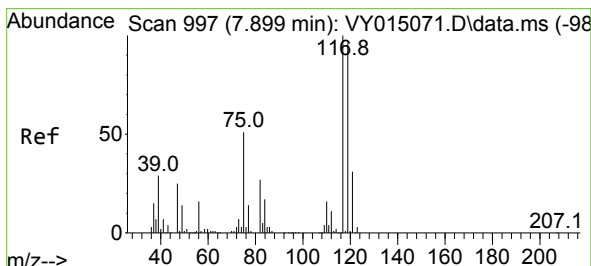
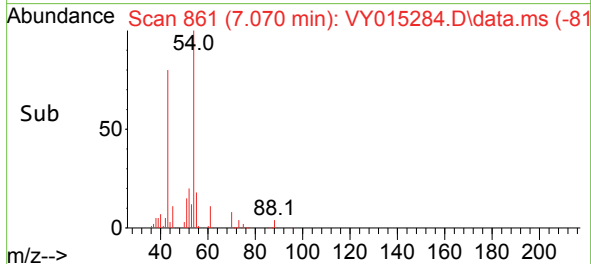
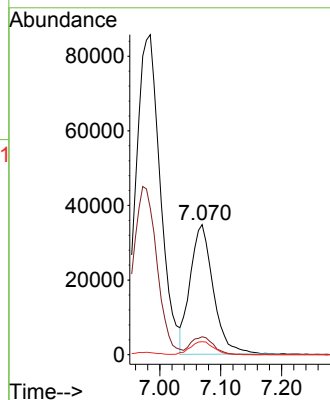
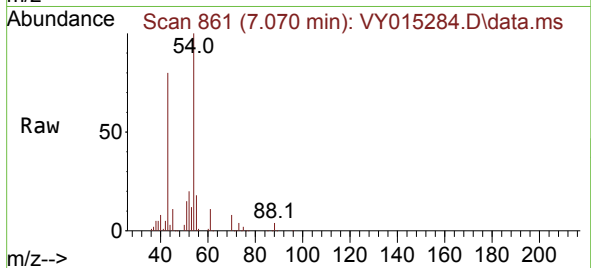
Tgt Ion: 43 Resp: 91548

Ion Ratio Lower Upper

43 100

61 13.6 10.1 15.1

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 49.264 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

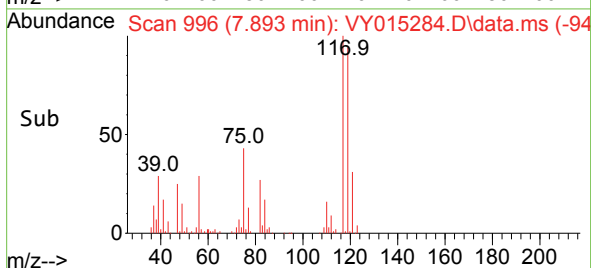
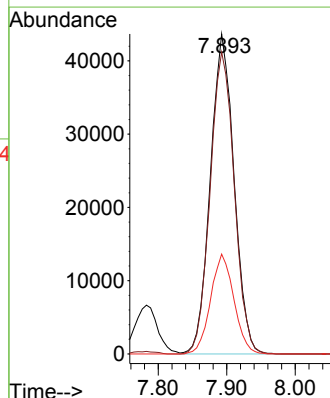
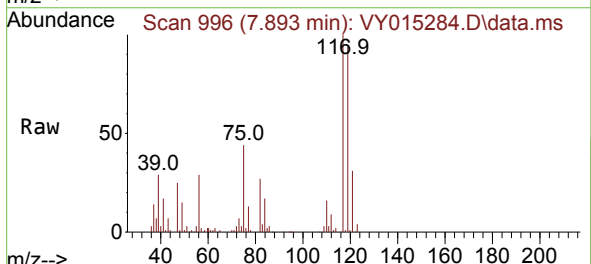
Tgt Ion: 117 Resp: 104898

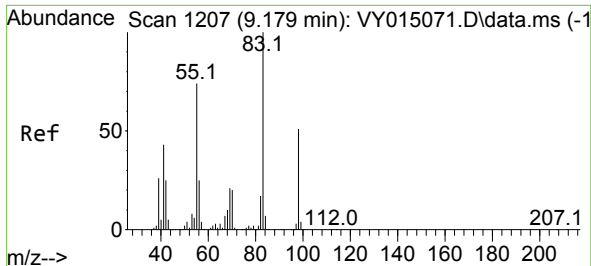
Ion Ratio Lower Upper

117 100

119 94.4 76.4 114.6

121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 48.031 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

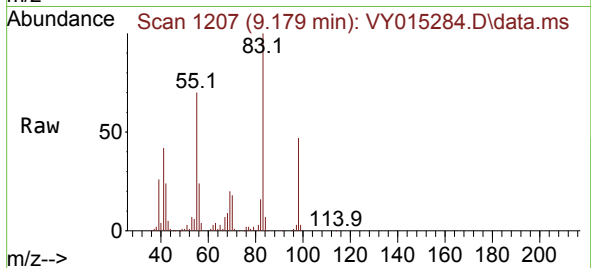
Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :



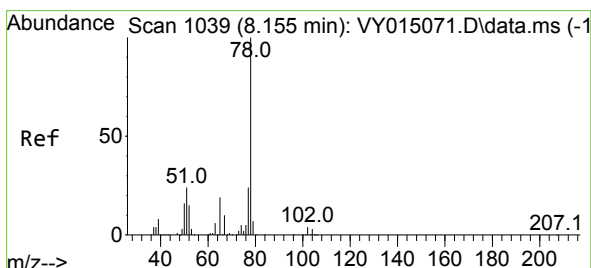
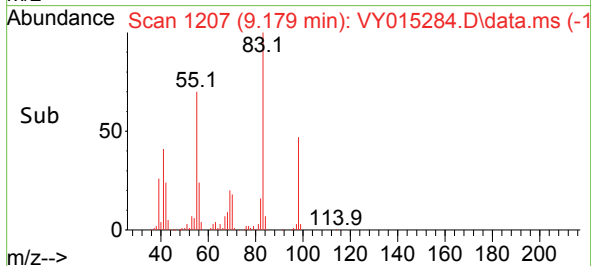
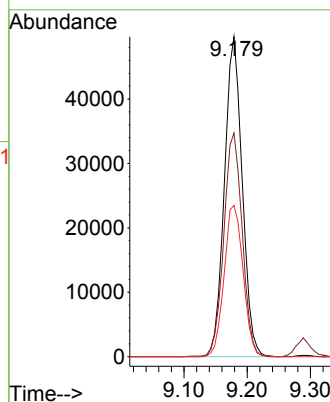
Tgt Ion: 83 Resp: 96875

Ion Ratio Lower Upper

83 100

55 69.9 63.0 94.4

98 47.2 37.4 56.2



#40

Benzene

Concen: 52.089 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015284.D

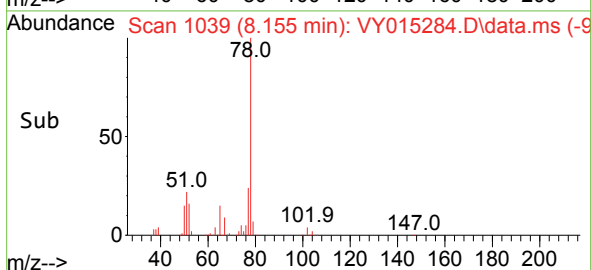
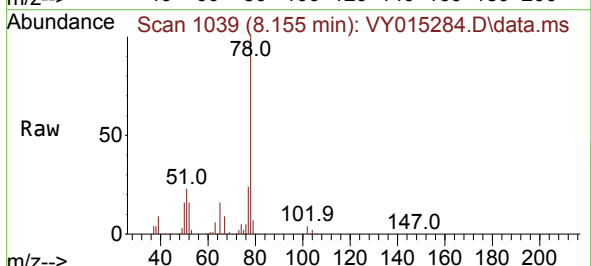
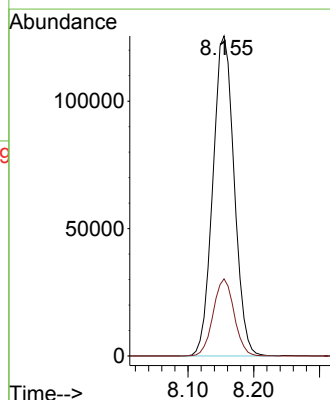
Acq: 23 Aug 2023 15:57

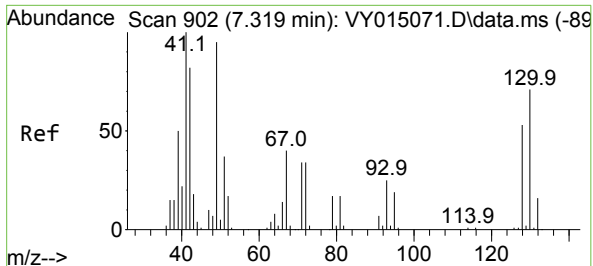
Tgt Ion: 78 Resp: 283338

Ion Ratio Lower Upper

78 100

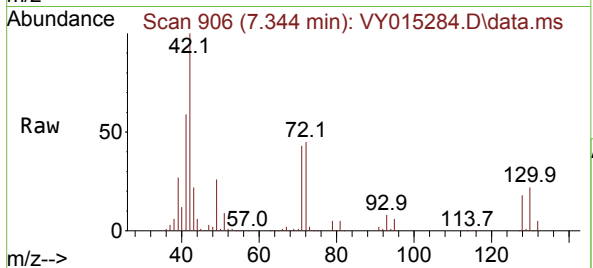
77 24.1 19.0 28.6



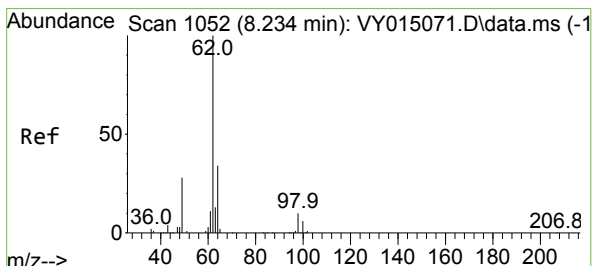
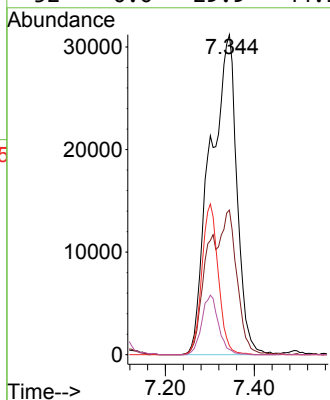
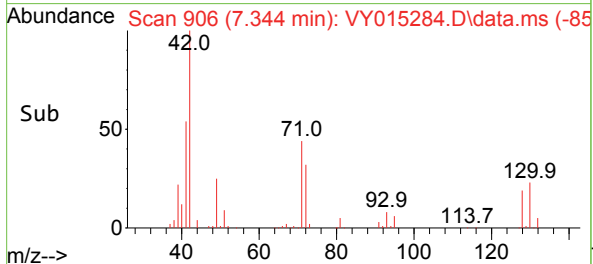


#41
Methacrylonitrile
Concen: 149.436 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Instrument :
MSVOA_Y
ClientSampleId :

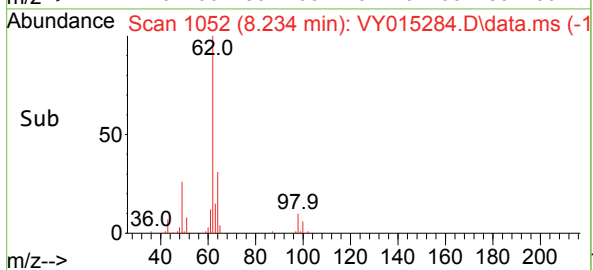
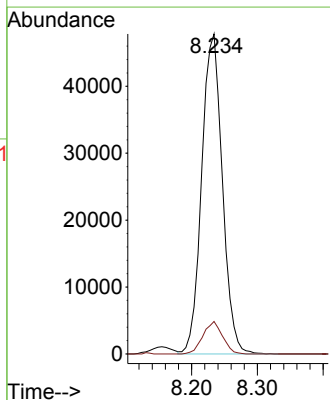
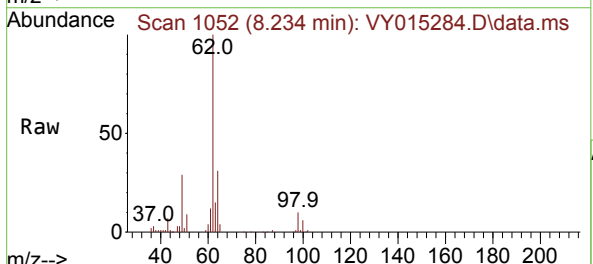


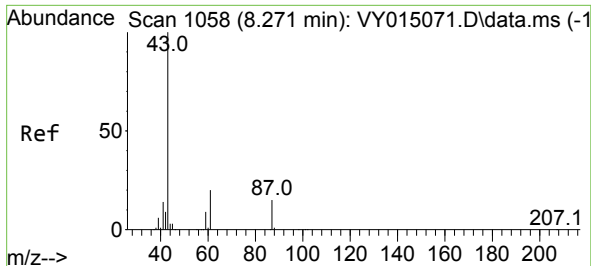
Tgt Ion: 41 Resp: 129226
Ion Ratio Lower Upper
41 100
39 23.2 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.992 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

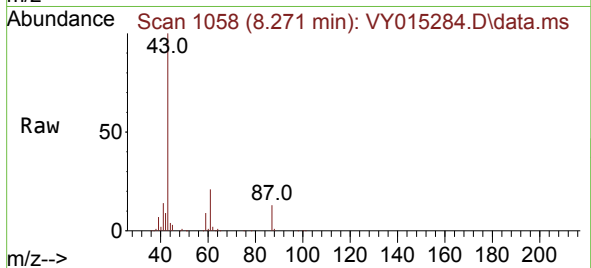
Tgt Ion: 62 Resp: 104684
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8



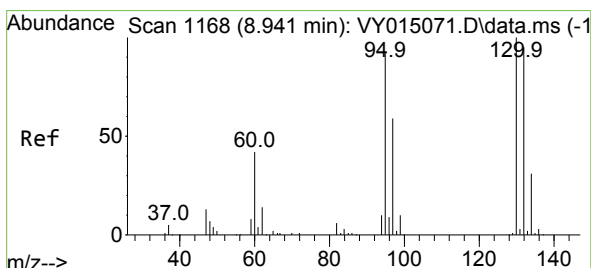
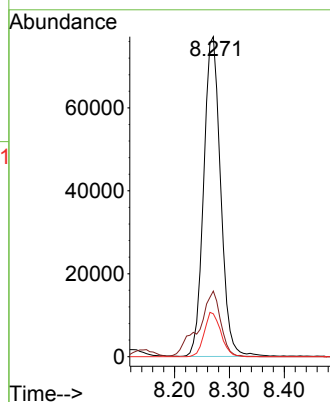
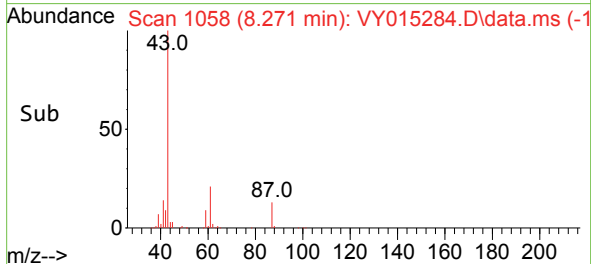


#43
Isopropyl Acetate
Concen: 54.033 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Instrument :
MSVOA_Y
ClientSampleId :

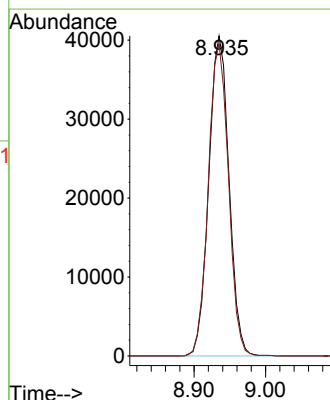
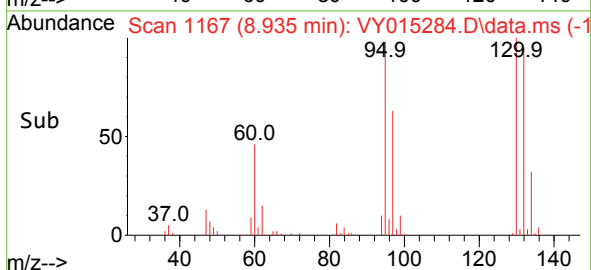
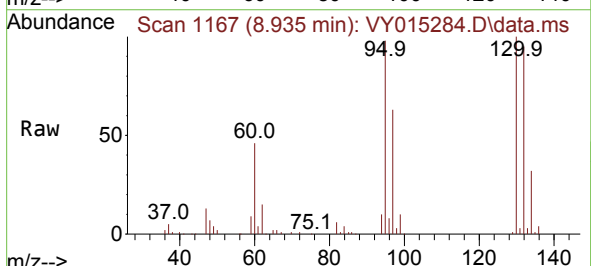


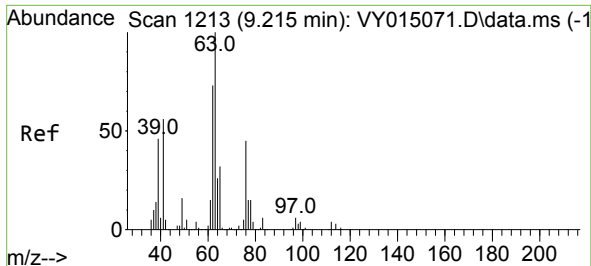
Tgt Ion: 43 Resp: 165015
Ion Ratio Lower Upper
43 100
61 26.7 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 50.864 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion:130 Resp: 79709
Ion Ratio Lower Upper
130 100
95 97.6 0.0 196.0

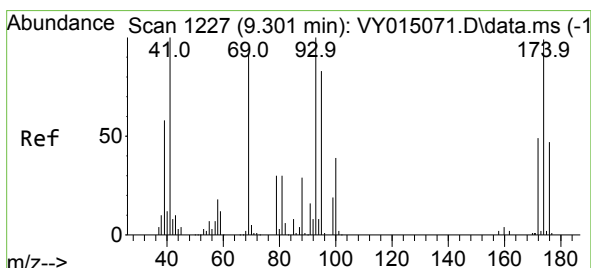
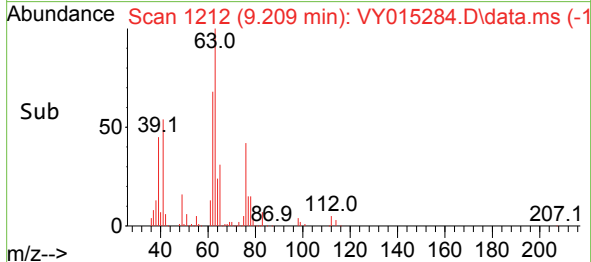
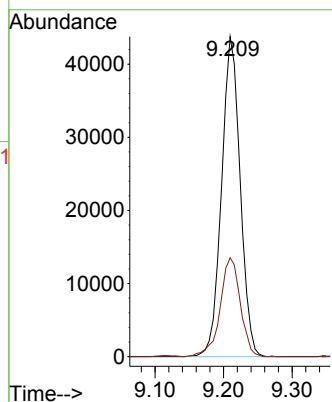
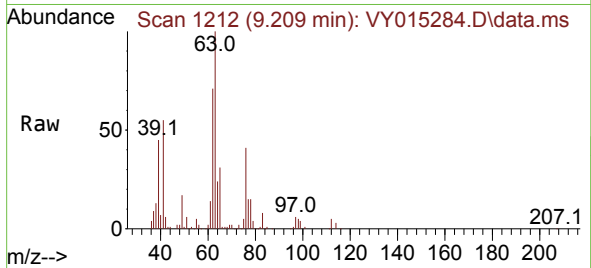




#45
1,2-Dichloropropane
Concen: 53.654 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

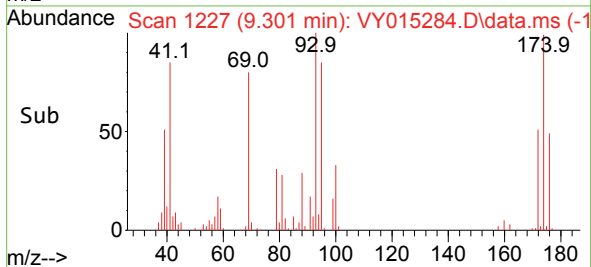
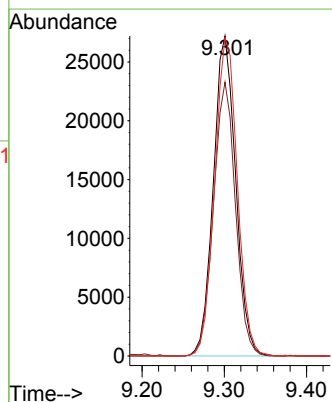
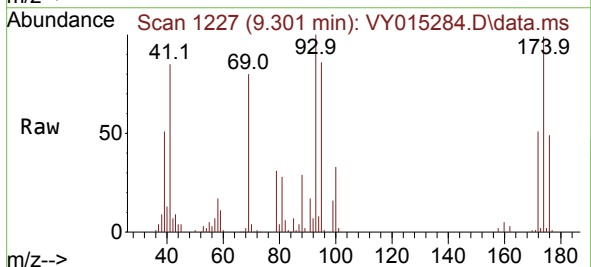
Instrument :
MSVOA_Y
ClientSampleId :

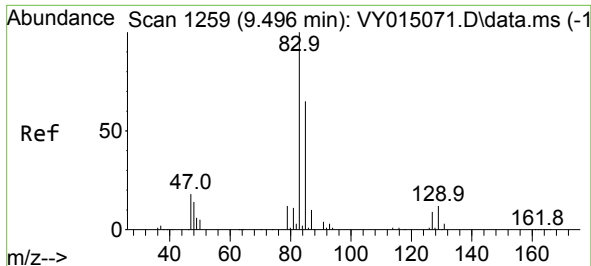
Tgt Ion: 63 Resp: 82298
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6



#46
Dibromomethane
Concen: 52.969 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 93 Resp: 51242
Ion Ratio Lower Upper
93 100
95 84.5 66.6 100.0
174 101.1 84.8 127.2

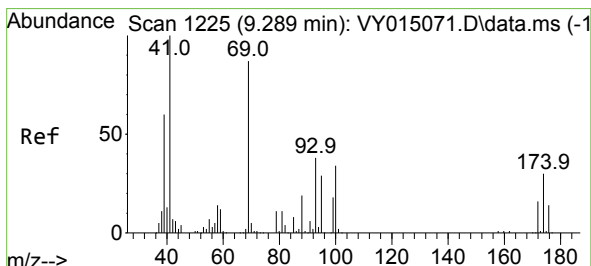
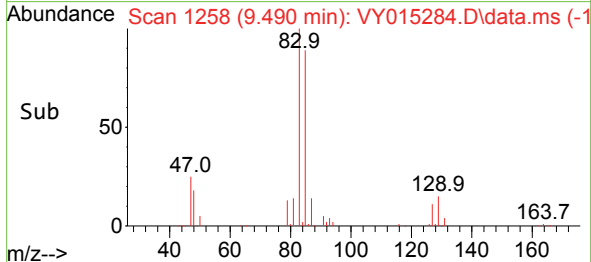
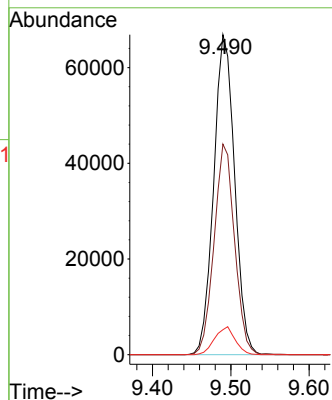
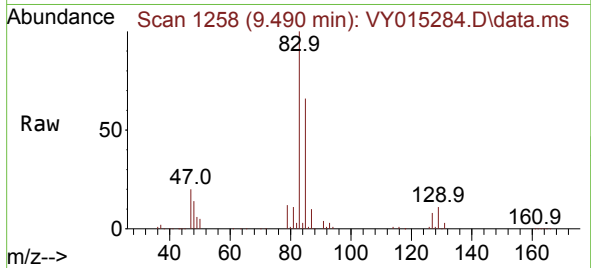




#47
Bromodichloromethane
Concen: 53.741 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

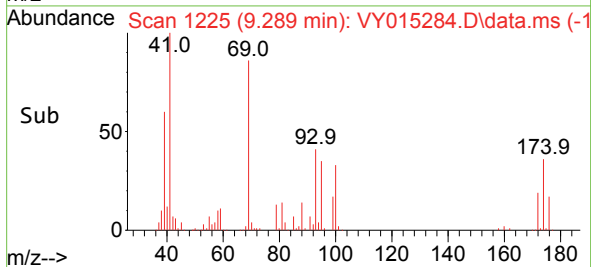
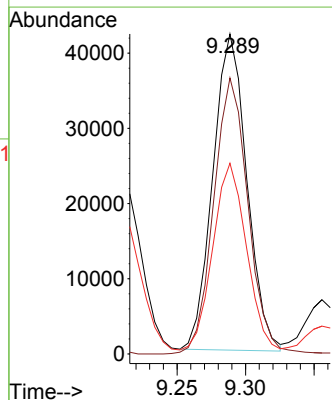
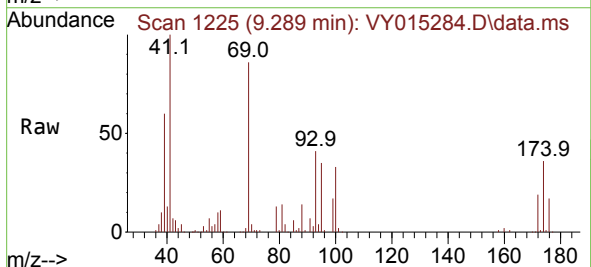
Instrument :
MSVOA_Y
ClientSampleId :

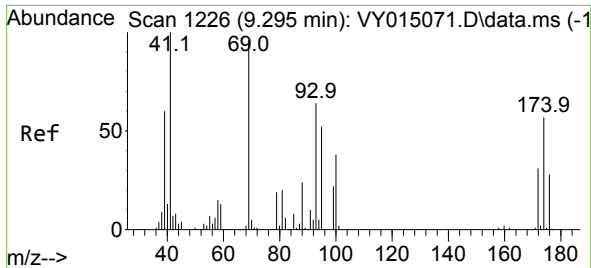
Tgt Ion: 83 Resp: 124061
Ion Ratio Lower Upper
83 100
85 65.8 50.1 75.1
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 55.477 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 41 Resp: 72476
Ion Ratio Lower Upper
41 100
69 88.5 64.5 96.7
39 60.8 50.8 76.2

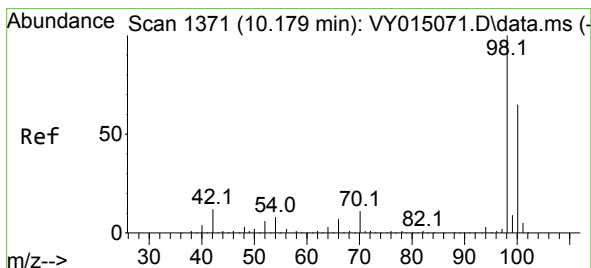
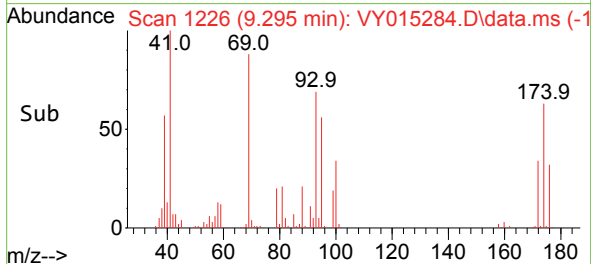
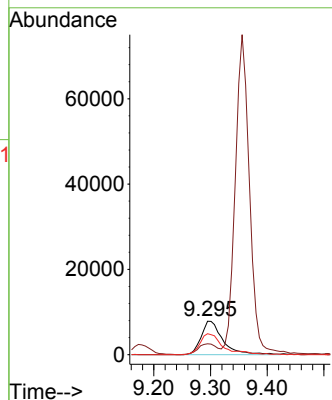
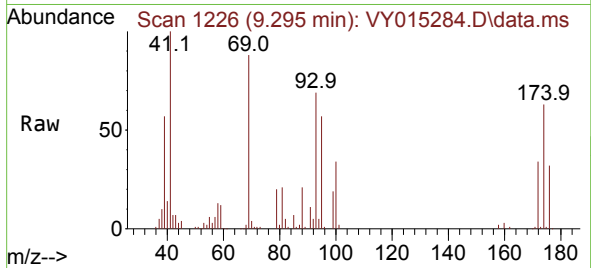




#49
1,4-Dioxane
Concen: 1081.063 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

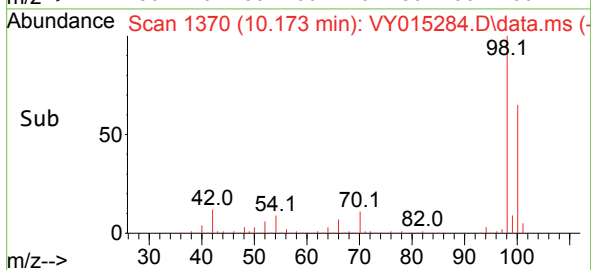
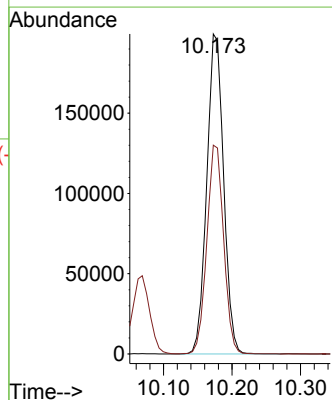
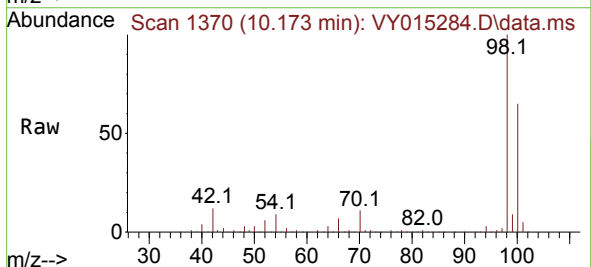
Instrument :
MSVOA_Y
ClientSampleId :

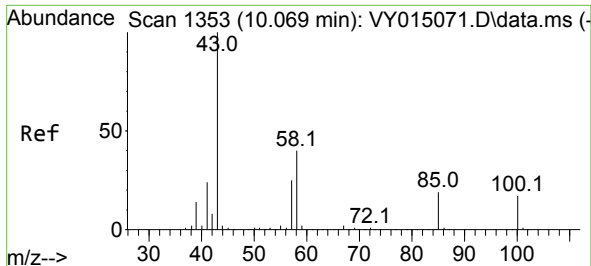
Tgt Ion: 88 Resp: 20913
Ion Ratio Lower Upper
88 100
43 29.2 0.0 0.0#
58 66.6 30.9 46.3#



#50
Toluene-d8
Concen: 56.287 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 98 Resp: 340752
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 288.112 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.006 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

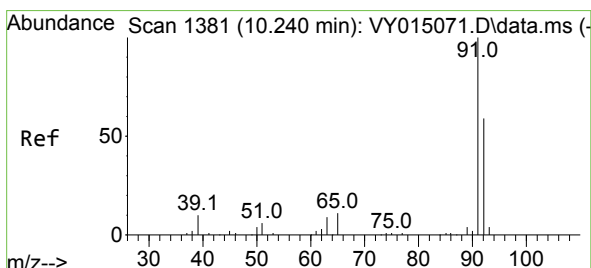
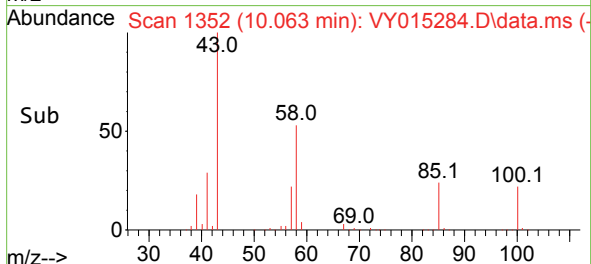
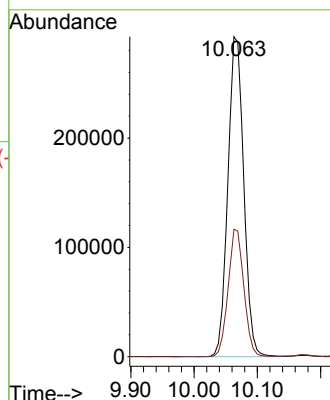
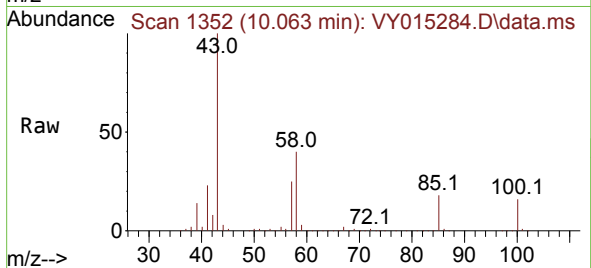
ClientSampleId :

Tgt Ion: 43 Resp: 509945

Ion Ratio Lower Upper

43 100

58 39.5 29.0 43.6



#52

Toluene

Concen: 51.881 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015284.D

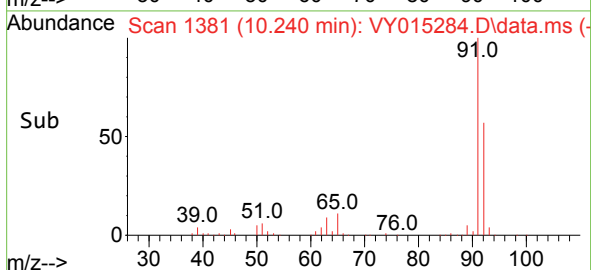
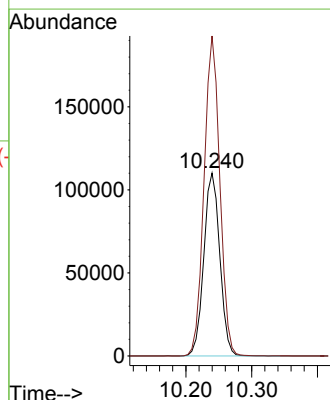
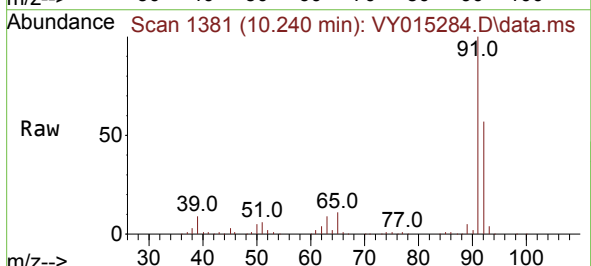
Acq: 23 Aug 2023 15:57

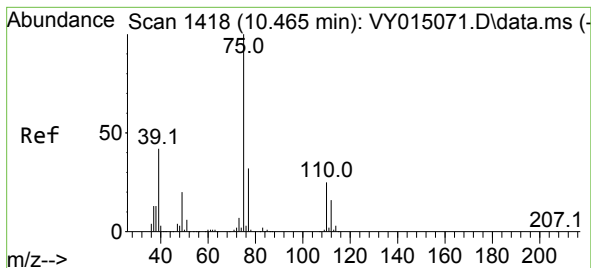
Tgt Ion: 92 Resp: 186004

Ion Ratio Lower Upper

92 100

91 172.7 143.8 215.6

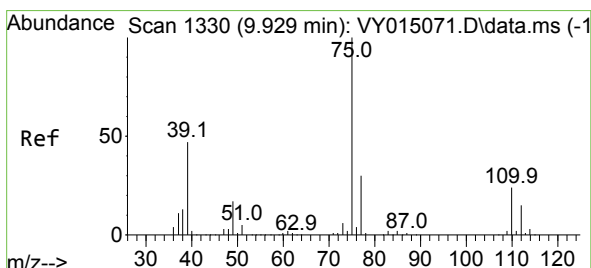
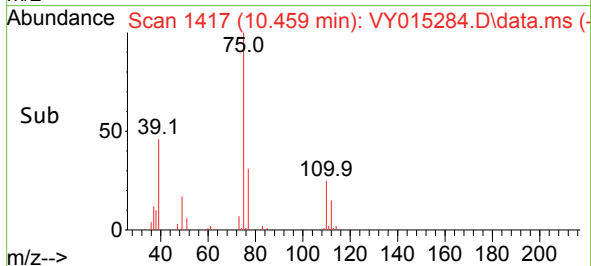
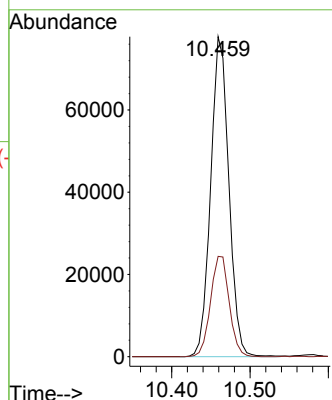
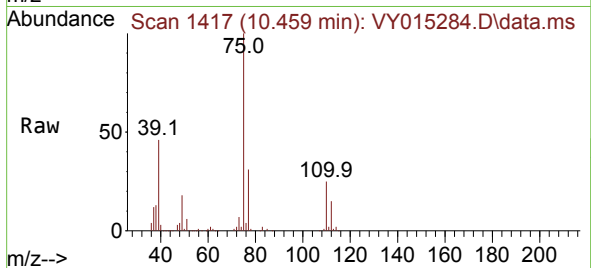




#53
 t-1,3-Dichloropropene
 Concen: 51.664 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY015284.D
 Acq: 23 Aug 2023 15:57

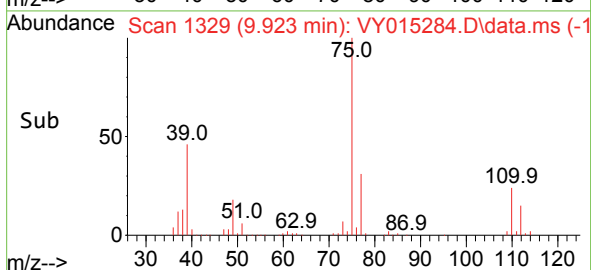
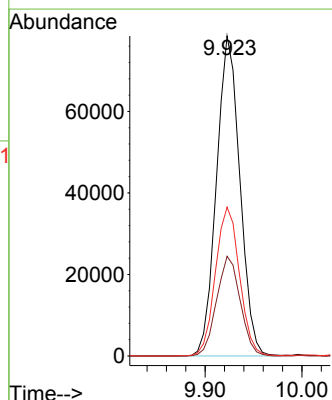
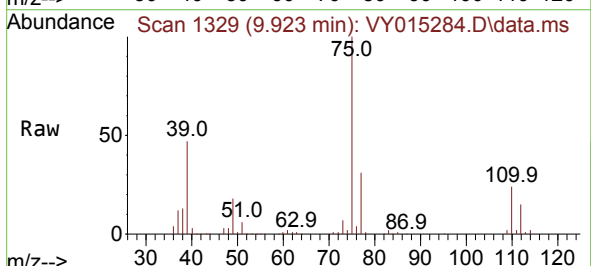
Instrument :
 MSVOA_Y
 ClientSampleId :

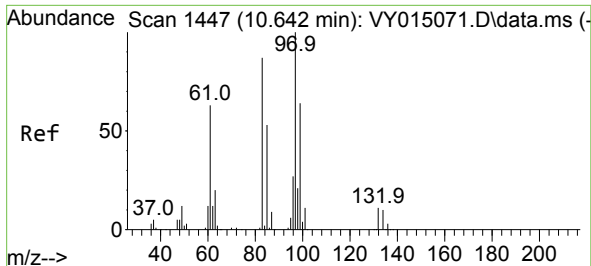
Tgt Ion: 75 Resp: 125342
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.650 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY015284.D
 Acq: 23 Aug 2023 15:57

Tgt Ion: 75 Resp: 131968
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.2 36.4
 39 46.4 42.2 63.4

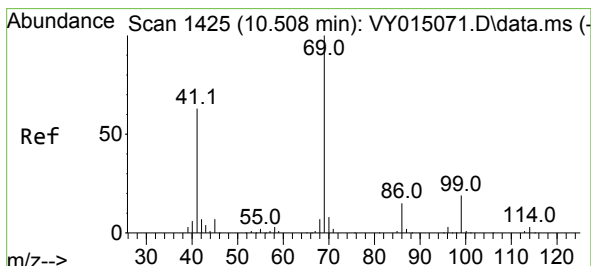
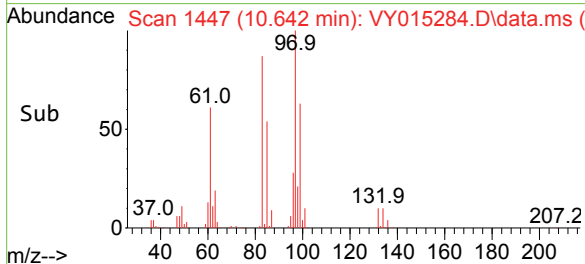
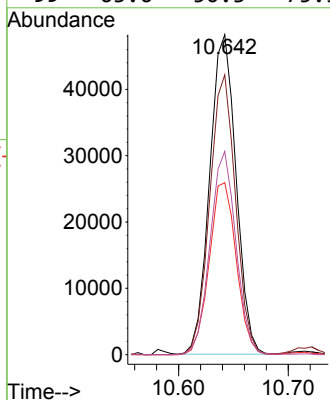
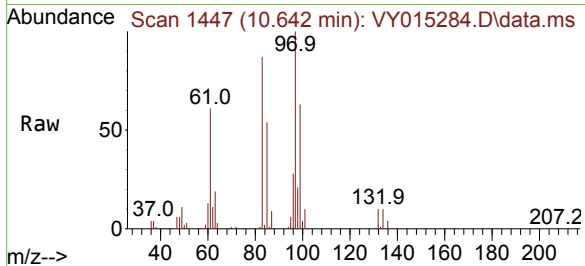




#55
1,1,2-Trichloroethane
Concen: 54.724 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

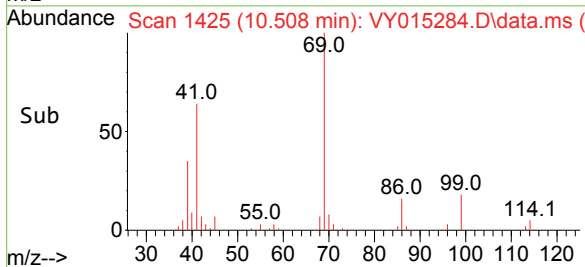
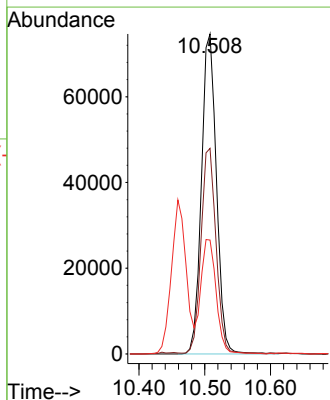
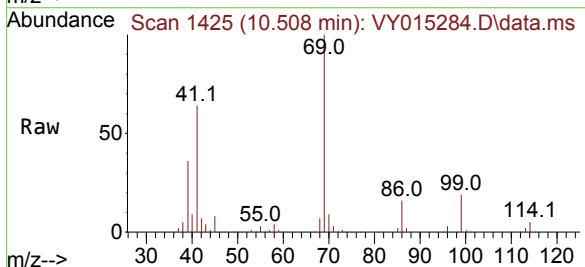
Instrument :
MSVOA_Y
ClientSampleId :

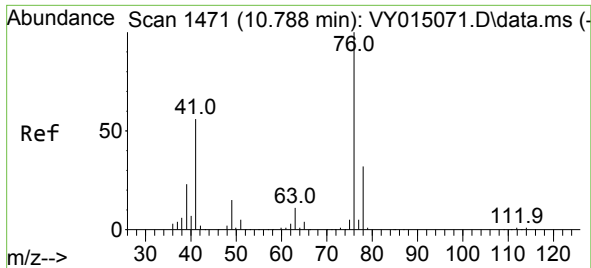
Tgt Ion:	97	Resp:	80496
Ion	Ratio	Lower	Upper
97	100		
83	87.5	72.0	108.0
85	53.8	45.4	68.0
99	63.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 55.002 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion:	69	Resp:	118405
Ion	Ratio	Lower	Upper
69	100		
41	63.7	57.6	86.4
39	36.7	34.1	51.1

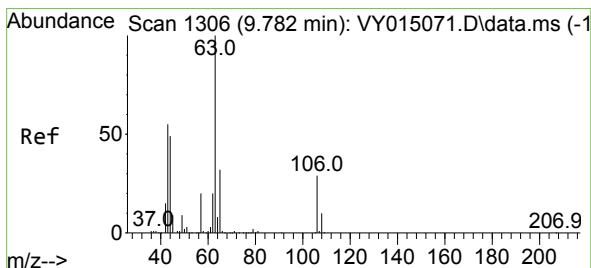
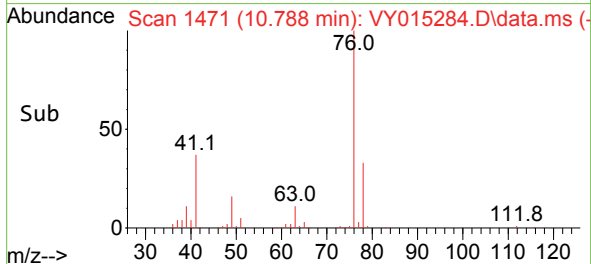
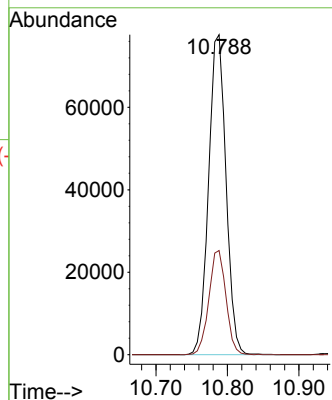
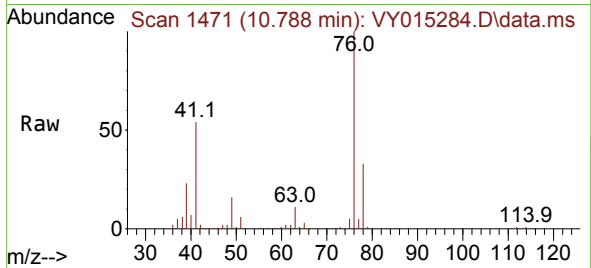




#57
1,3-Dichloropropane
Concen: 54.567 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

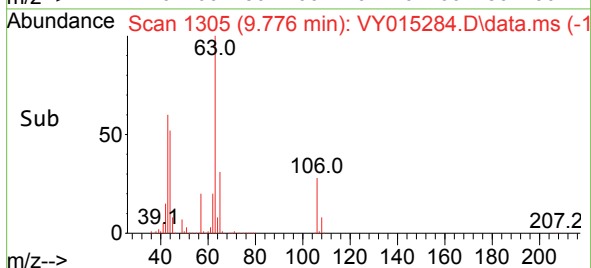
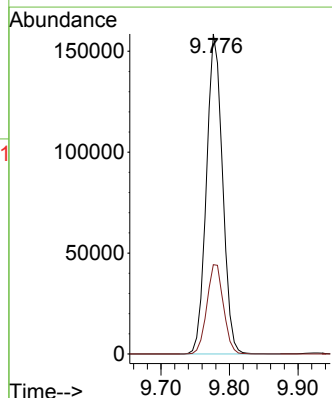
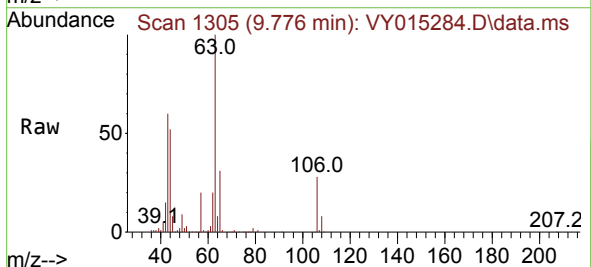
Instrument :
MSVOA_Y
ClientSampleId :

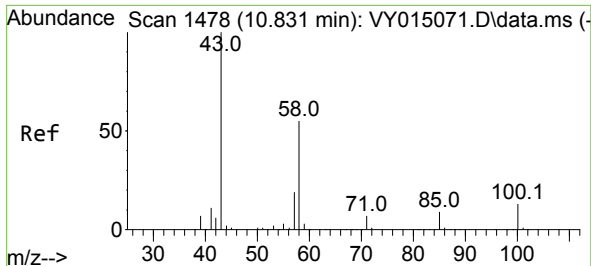
Tgt Ion: 76 Resp: 131136
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 258.971 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 63 Resp: 259446
Ion Ratio Lower Upper
63 100
106 28.7 21.2 31.8

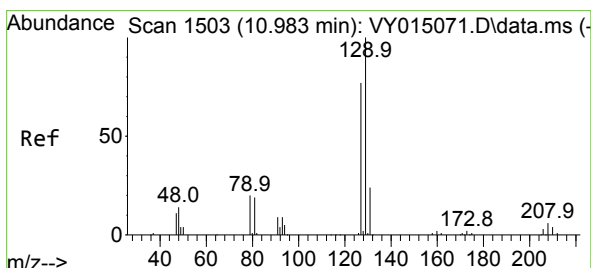
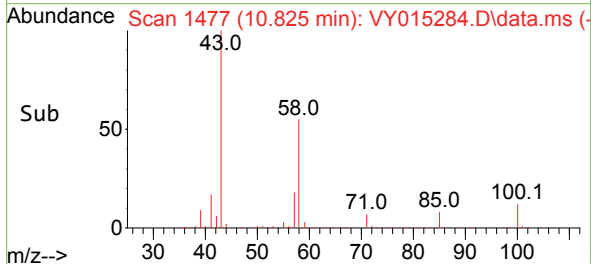
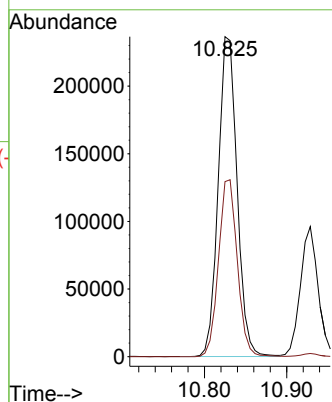
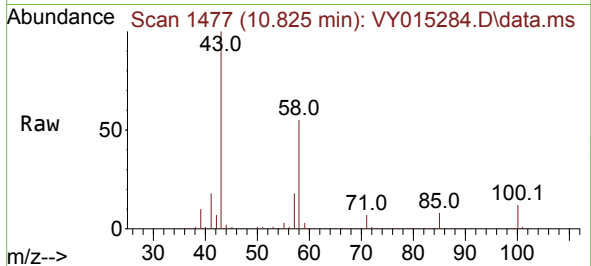




#59
2-Hexanone
Concen: 287.271 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

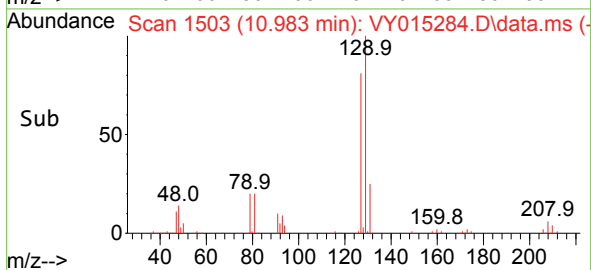
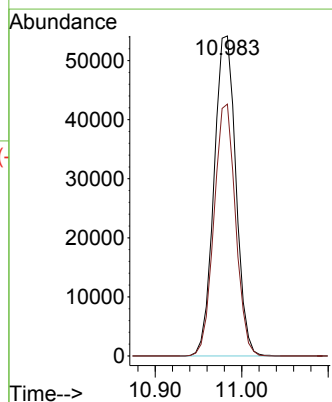
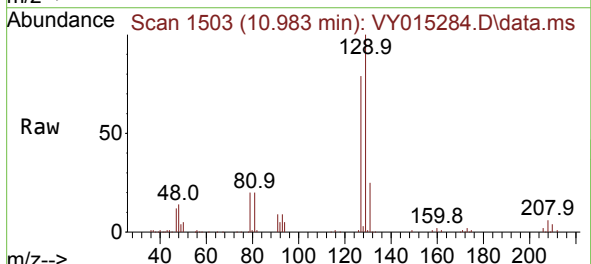
Instrument :
MSVOA_Y
ClientSampleId :

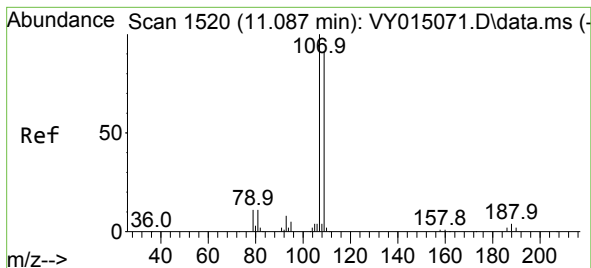
Tgt Ion: 43 Resp: 376312
Ion Ratio Lower Upper
43 100
58 55.2 25.1 75.3



#60
Dibromochloromethane
Concen: 54.158 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion:129 Resp: 95028
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

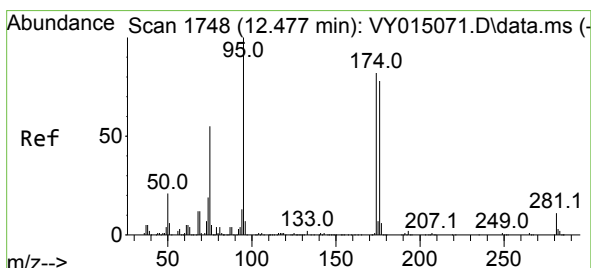
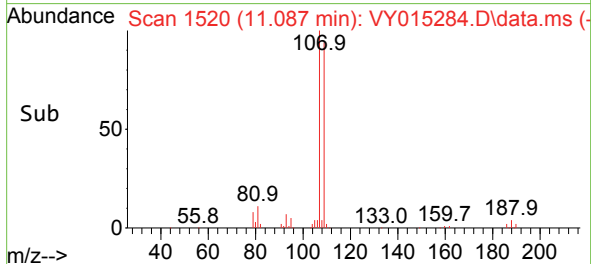
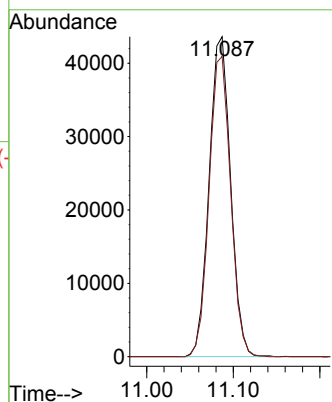
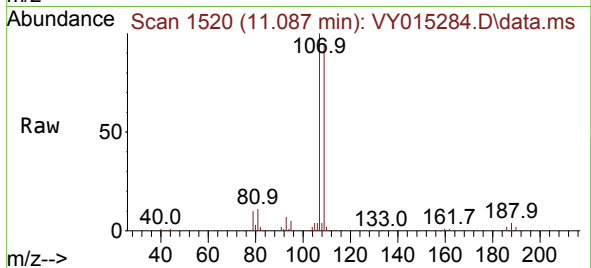




#61
1,2-Dibromoethane
Concen: 53.735 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

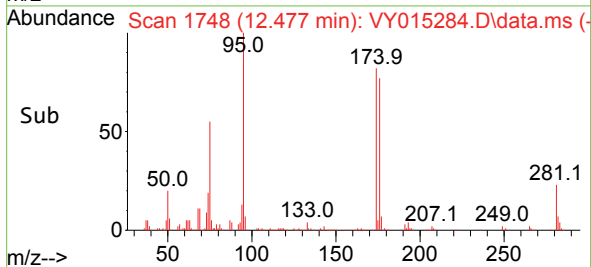
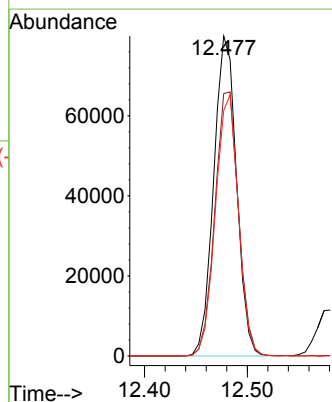
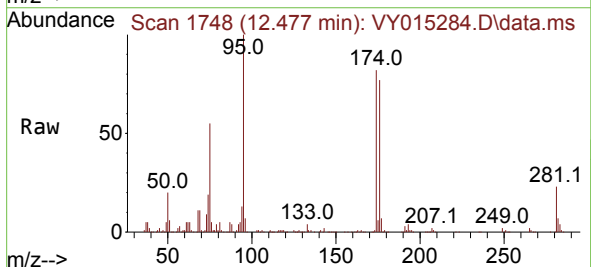
Instrument :
MSVOA_Y
ClientSampleId :

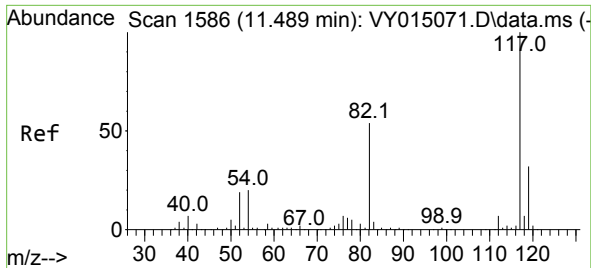
Tgt Ion:107 Resp: 75088
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.556 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 95 Resp: 122843
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 82.1 0.0 173.8

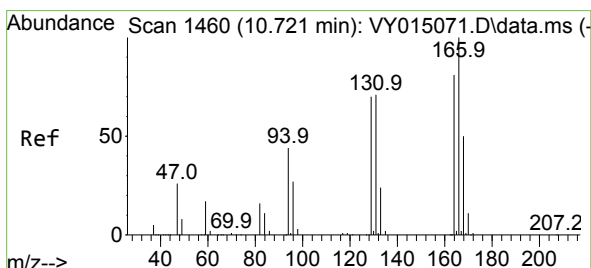
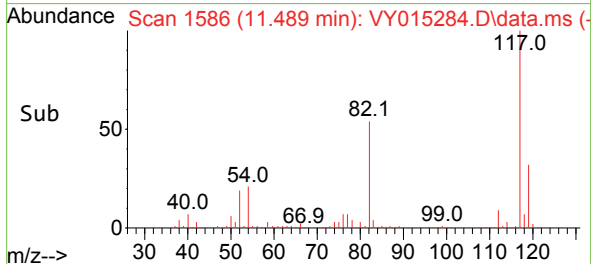
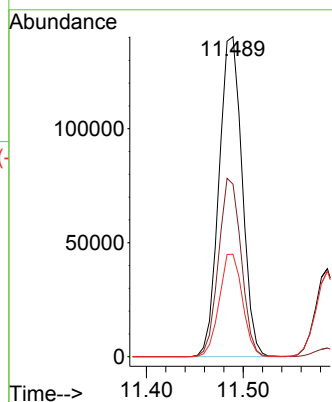
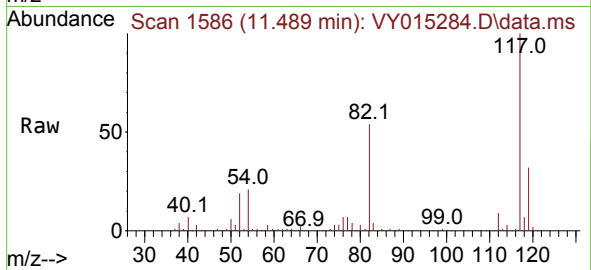




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

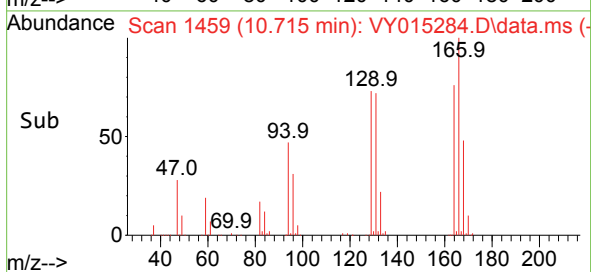
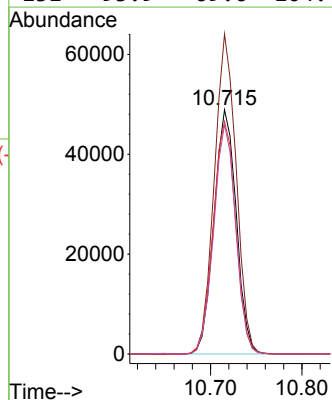
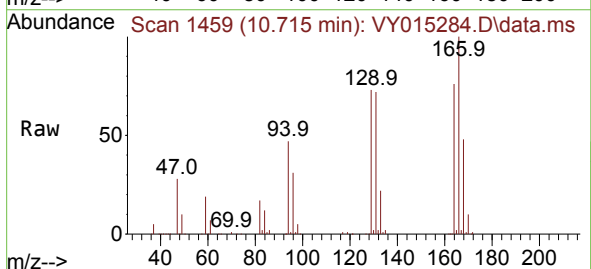
Instrument :
MSVOA_Y
ClientSampleId :

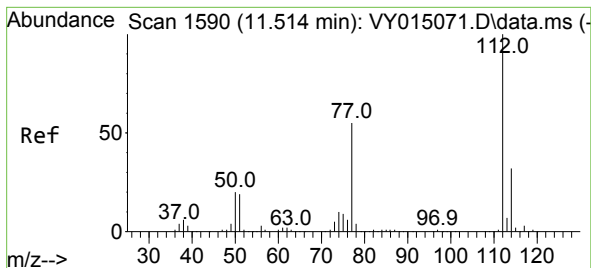
Tgt Ion:117 Resp: 232741
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 51.113 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion:164 Resp: 82880
Ion Ratio Lower Upper
164 100
166 131.0 103.0 154.6
129 95.2 77.2 115.8
131 93.9 69.6 104.4





#65

Chlorobenzene

Concen: 52.051 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

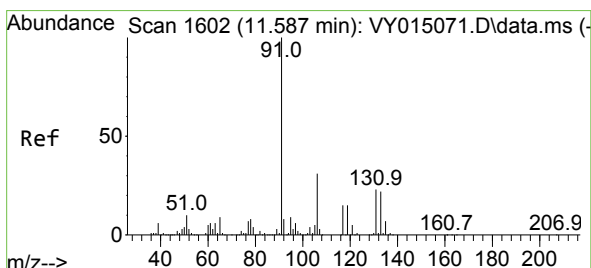
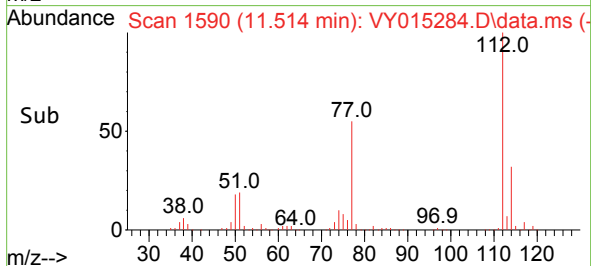
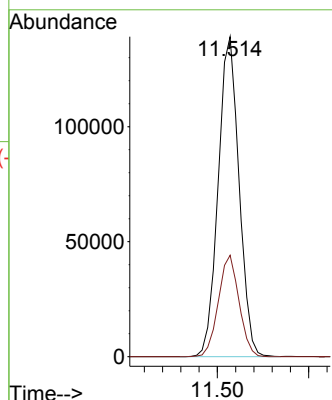
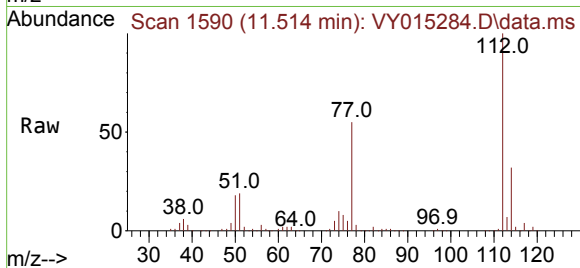
ClientSampleId :

Tgt Ion:112 Resp: 220729

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.524 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

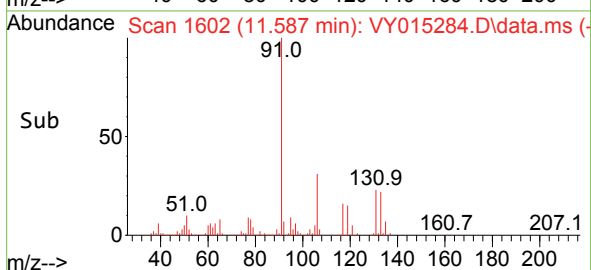
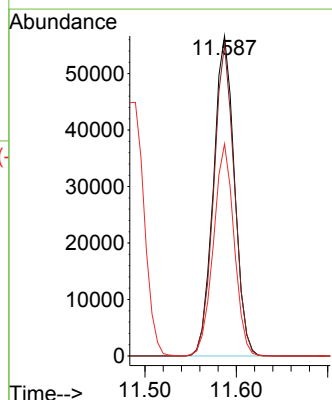
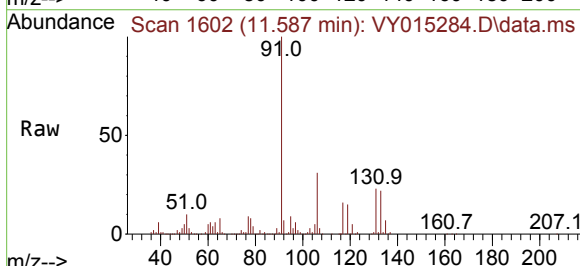
Tgt Ion:131 Resp: 90375

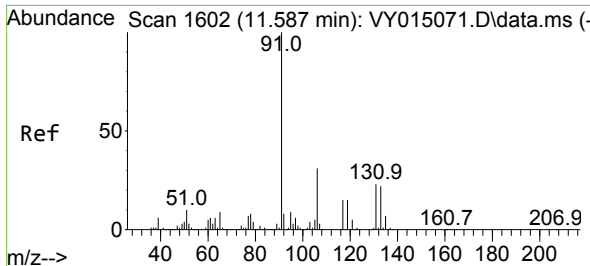
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 65.2 31.6 94.7

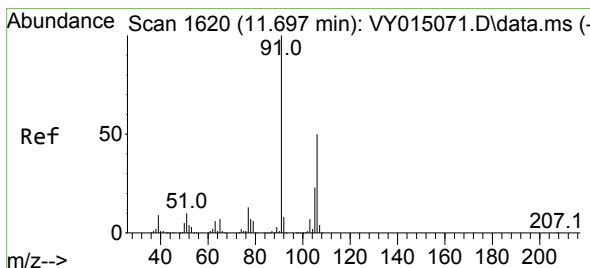
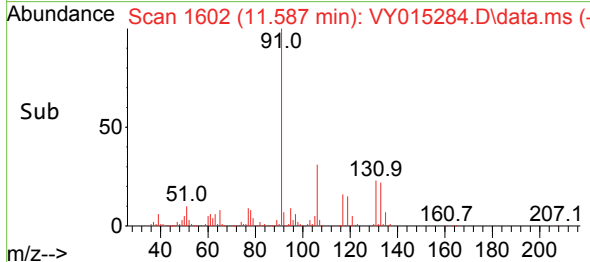
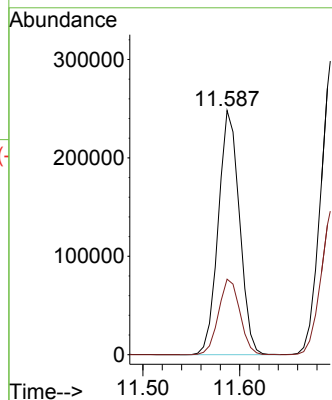
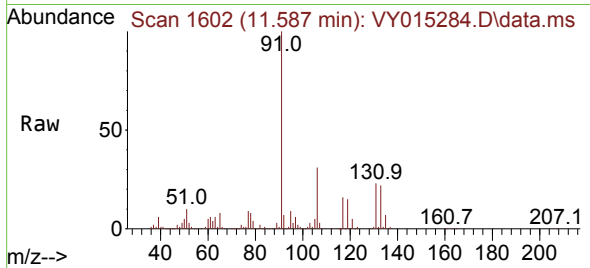




#67
Ethyl Benzene
Concen: 50.657 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

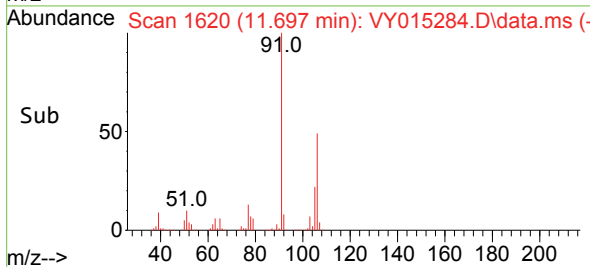
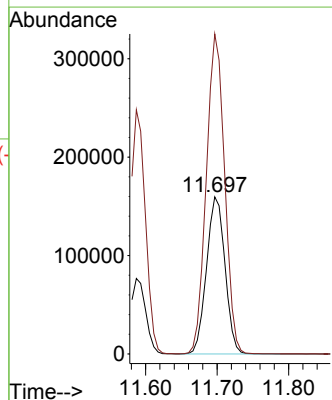
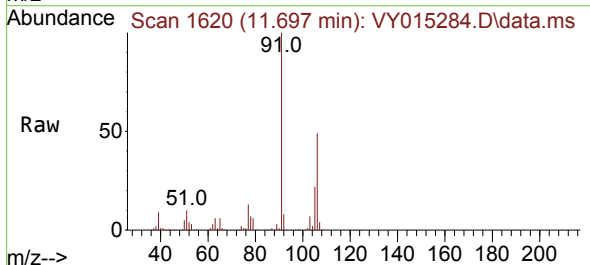
Instrument :
MSVOA_Y
ClientSampleId :

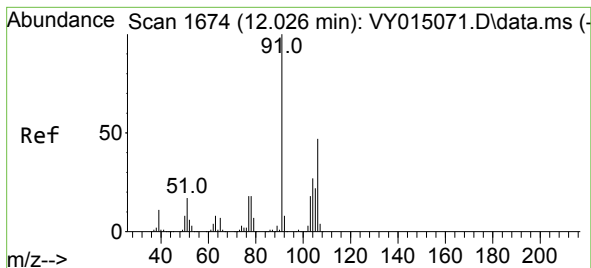
Tgt Ion: 91 Resp: 376374
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 101.491 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion:106 Resp: 286396
Ion Ratio Lower Upper
106 100
91 202.1 166.1 249.1





#69

o-Xylene

Concen: 51.221 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

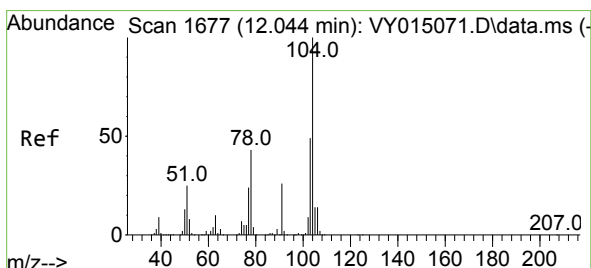
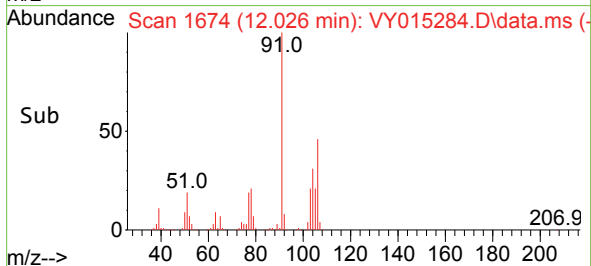
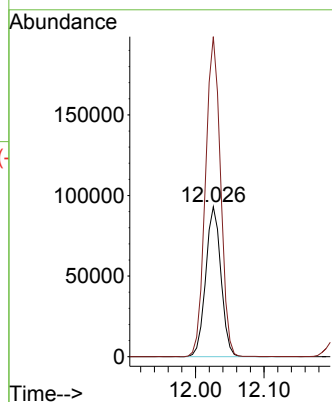
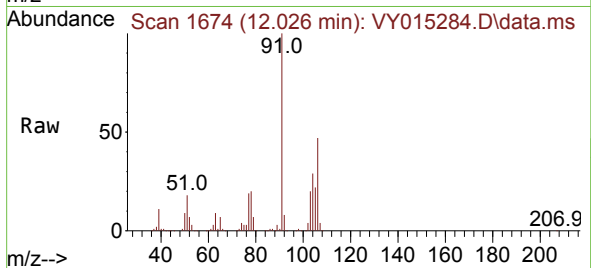
ClientSampleId :

Tgt Ion:106 Resp: 143988

Ion Ratio Lower Upper

106 100

91 212.0 108.1 324.3



#70

Styrene

Concen: 52.275 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

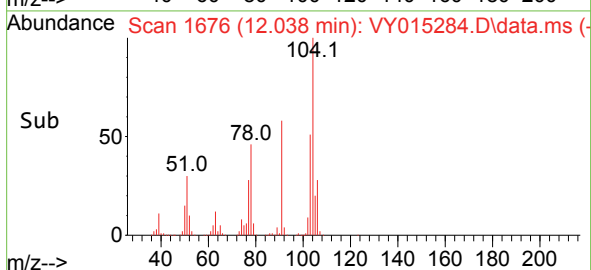
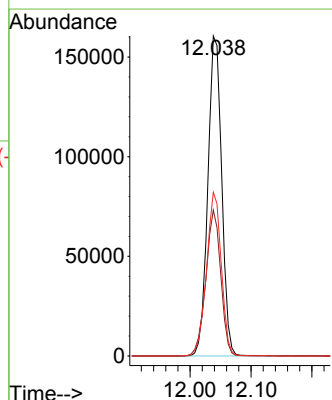
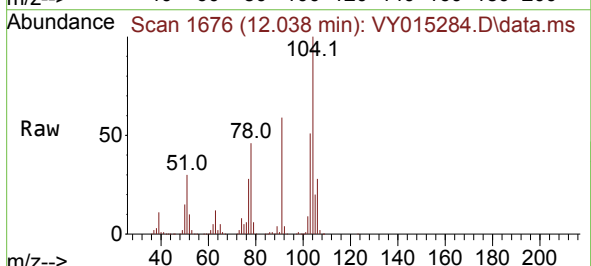
Tgt Ion:104 Resp: 254338

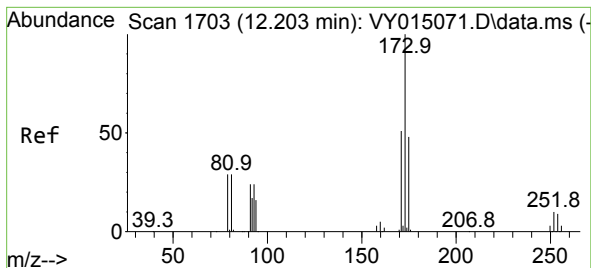
Ion Ratio Lower Upper

104 100

78 48.9 41.5 62.3

103 54.6 44.6 67.0





#71

Bromoform

Concen: 51.448 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015284.D

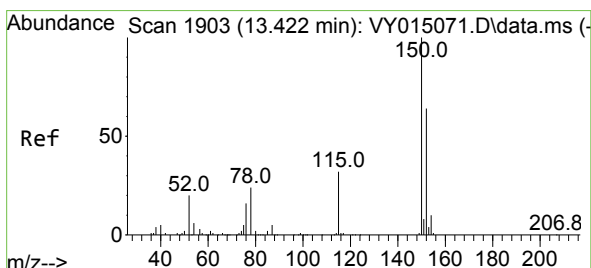
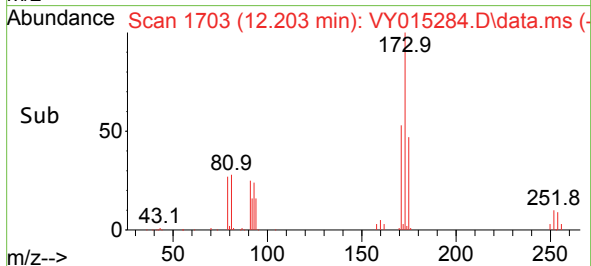
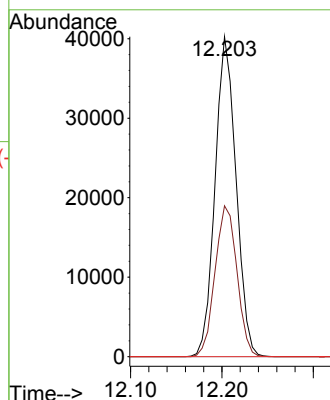
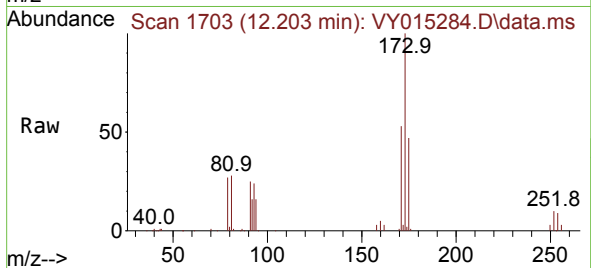
Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	64172
Ion Ratio	Lower	Upper
173	100	
175	49.3	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

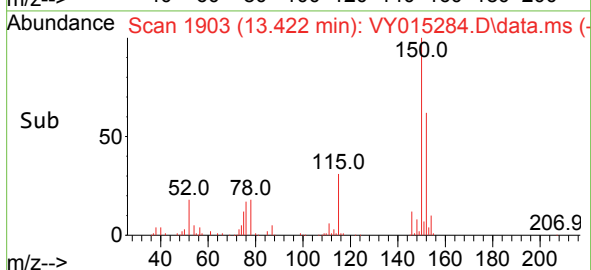
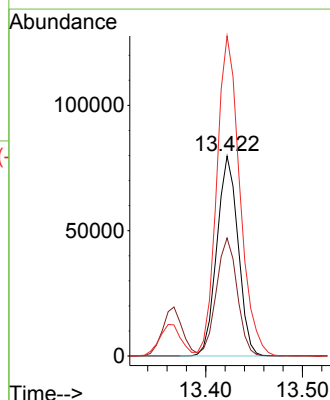
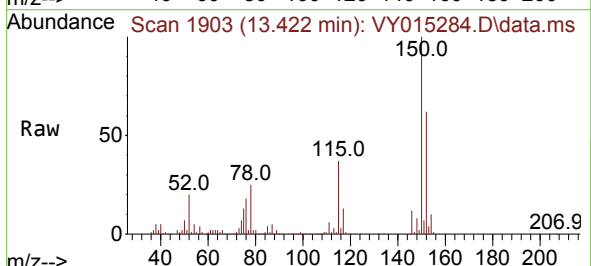
RT: 13.422 min Scan# 1903

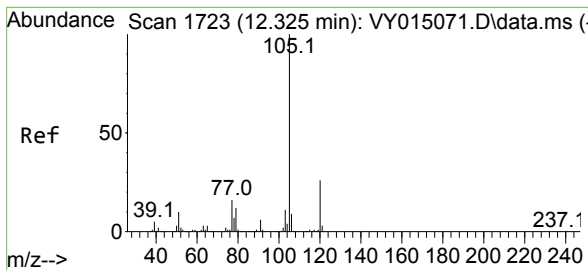
Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Tgt Ion:152	Resp:	121251
Ion Ratio	Lower	Upper
152	100	
115	58.3	28.8 86.5
150	174.7	0.0 348.8

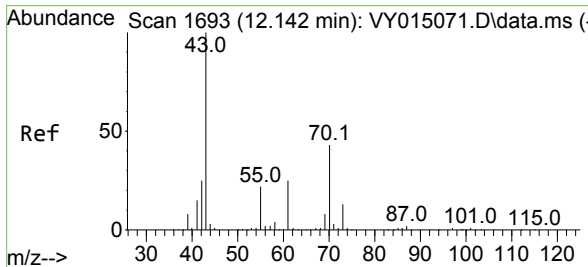
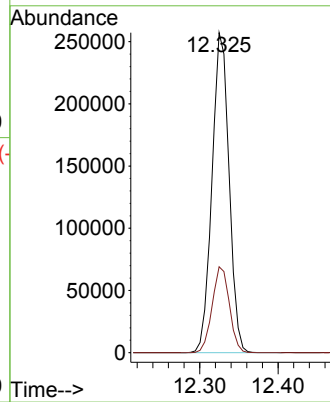
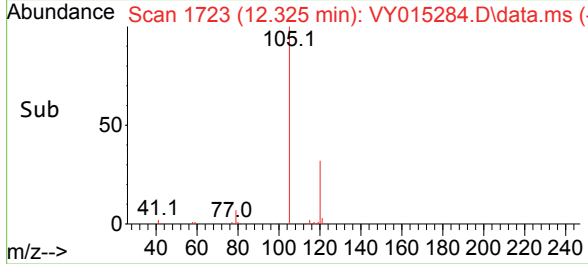
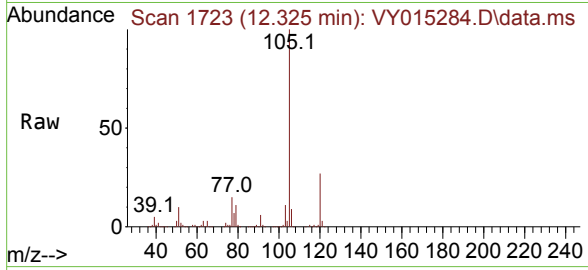




#73
Isopropylbenzene
Concen: 49.798 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

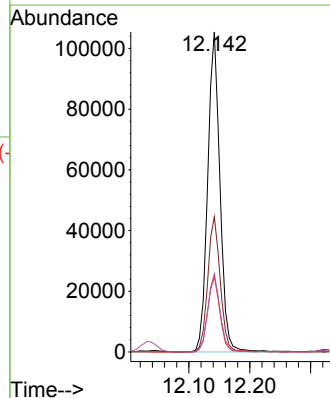
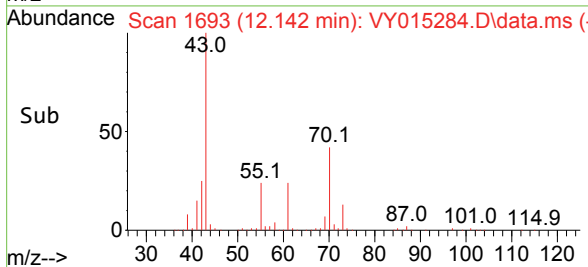
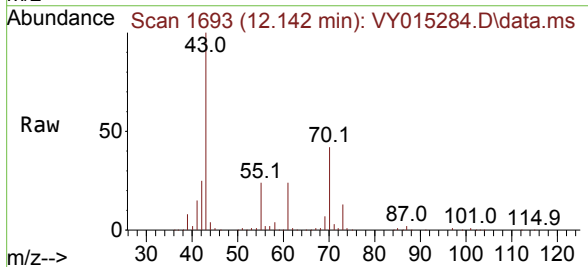
Instrument :
MSVOA_Y
ClientSampleId :

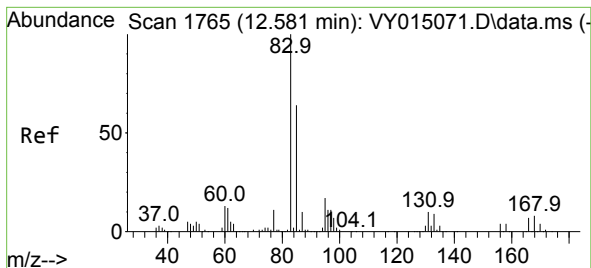
Tgt Ion:105 Resp: 388269
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#74
N-ethyl acetate
Concen: 52.525 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion: 43 Resp: 147860
Ion Ratio Lower Upper
43 100
70 43.2 29.7 44.5
55 23.6 18.3 27.5
61 24.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.667 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

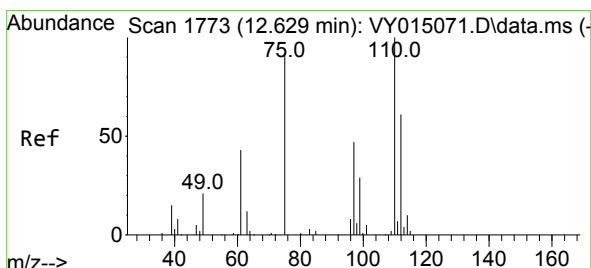
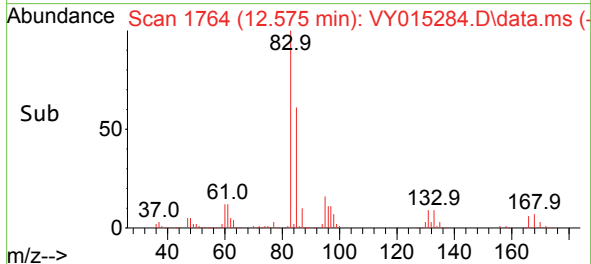
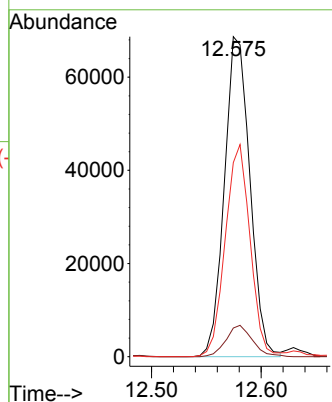
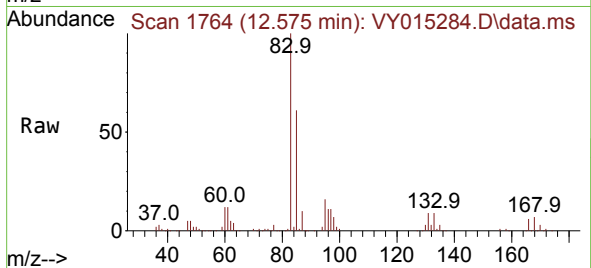
Tgt Ion: 83 Resp: 111010

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 94.755 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015284.D

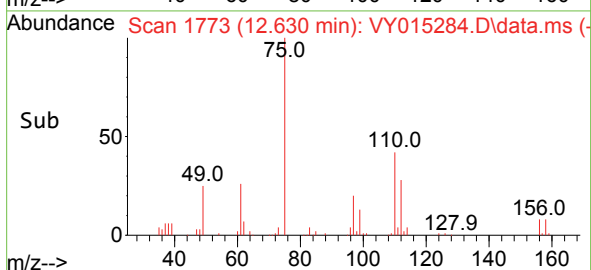
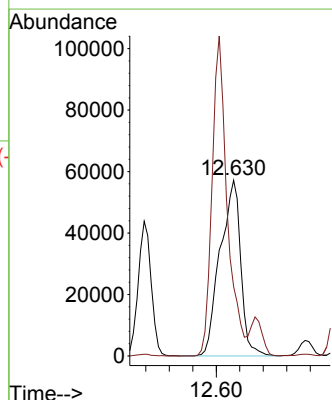
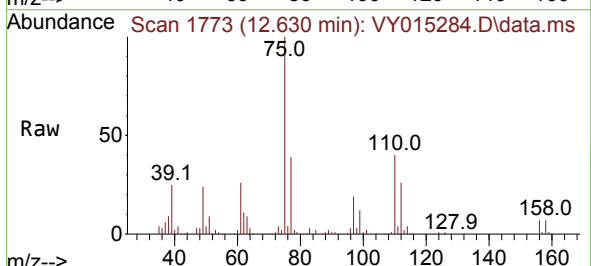
Acq: 23 Aug 2023 15:57

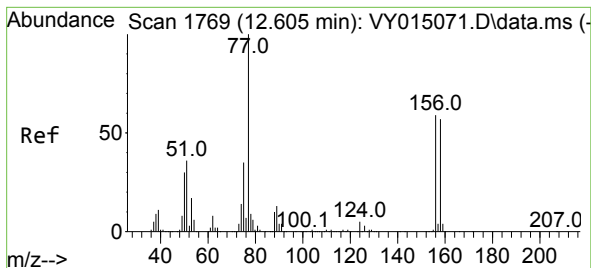
Tgt Ion: 75 Resp: 139585

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.257 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015284.D

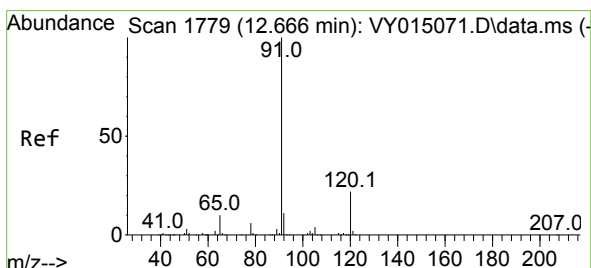
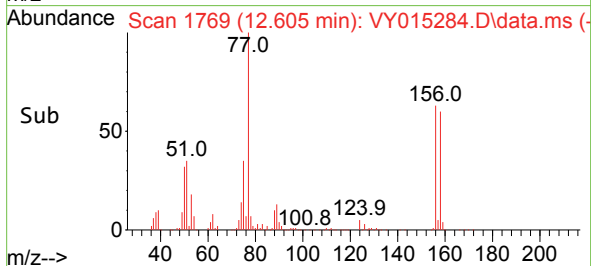
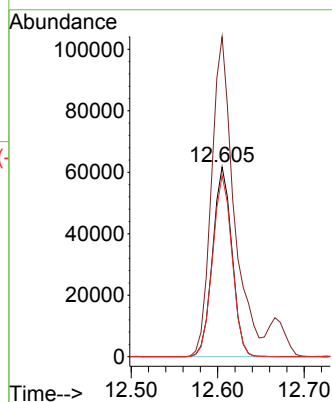
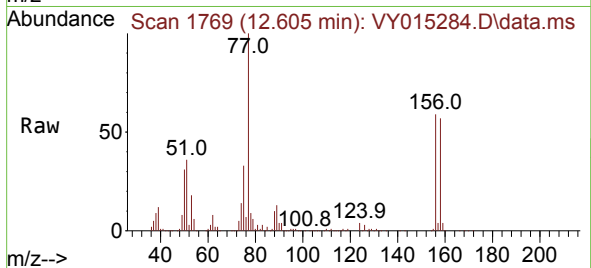
Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	95514
Ion Ratio	Lower	Upper	
156	100		
77	195.0	92.8	278.6
158	96.1	48.4	145.3



#78

n-propylbenzene

Concen: 50.285 ug/l

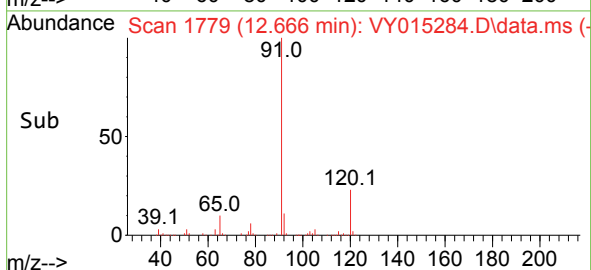
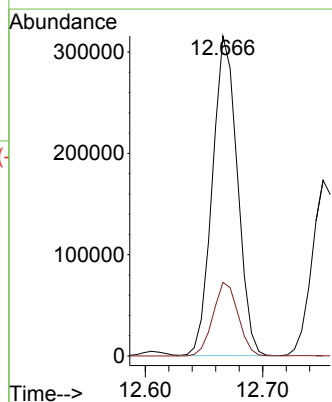
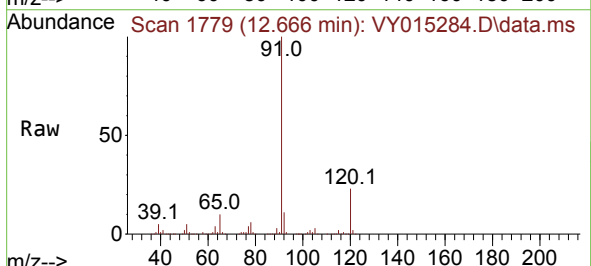
RT: 12.666 min Scan# 1779

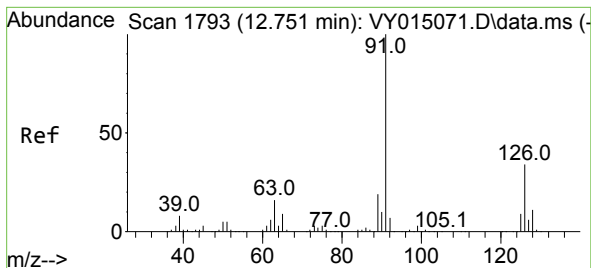
Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Tgt Ion:	91	Resp:	465576
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 50.058 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

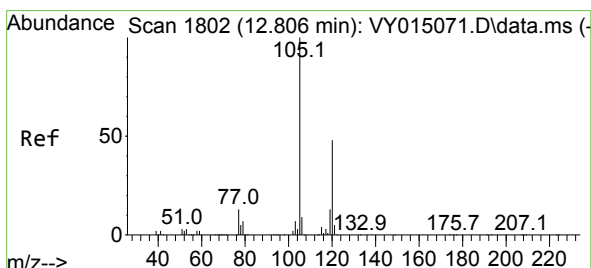
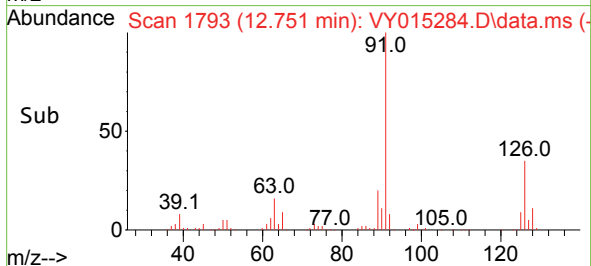
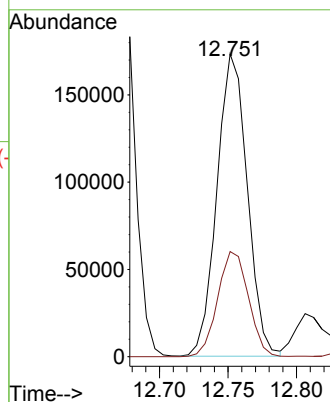
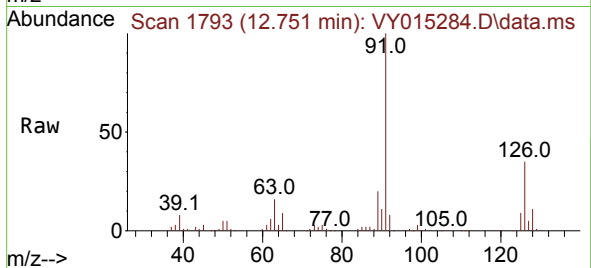
ClientSampleId :

Tgt Ion: 91 Resp: 267367

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.827 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY015284.D

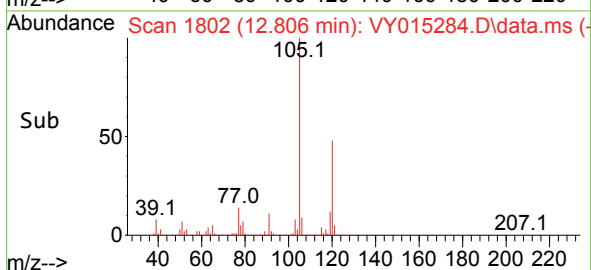
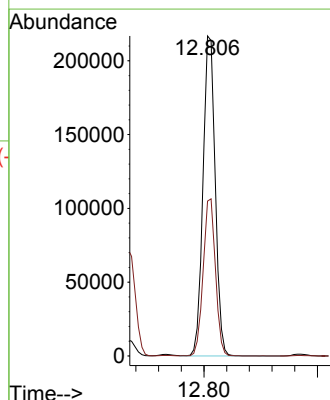
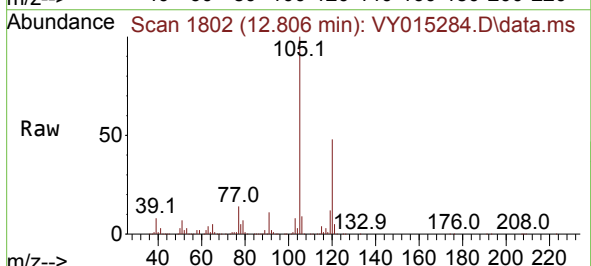
Acq: 23 Aug 2023 15:57

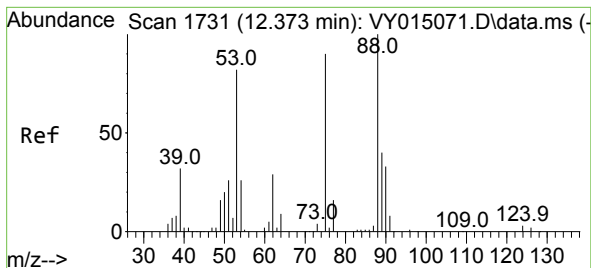
Tgt Ion: 105 Resp: 323838

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

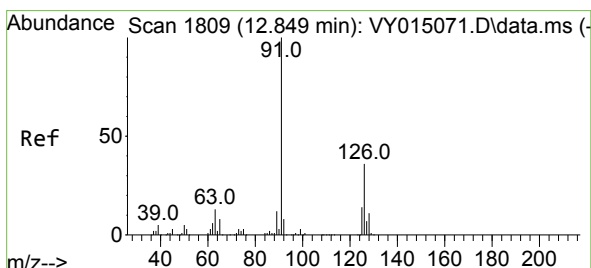
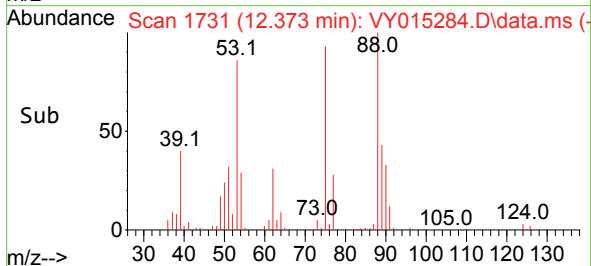
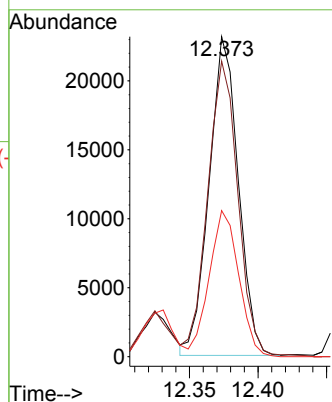
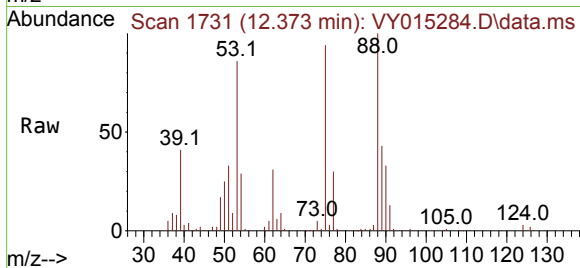




#81
trans-1,4-Dichloro-2-butene
Concen: 50.939 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

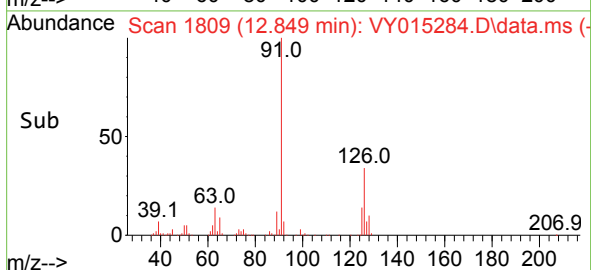
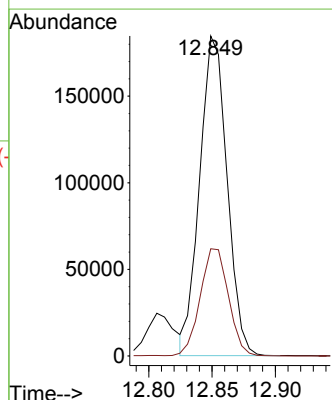
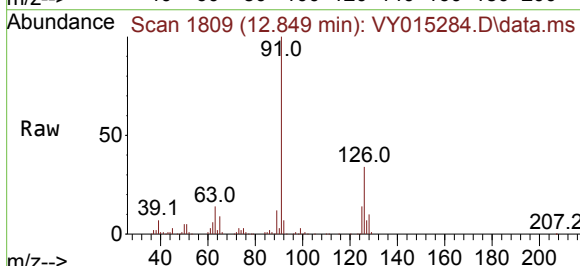
Instrument :
MSVOA_Y
ClientSampleId :

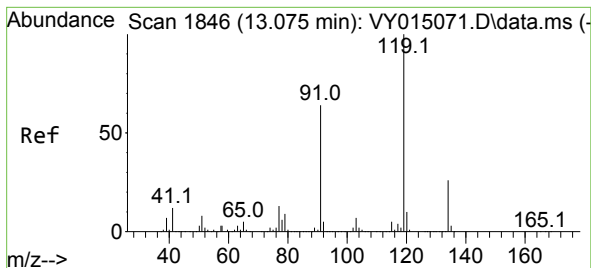
Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.6	77.8	116.8
89	46.5	37.4	56.0



#82
4-Chlorotoluene
Concen: 50.414 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.6





#83

tert-Butylbenzene

Concen: 50.578 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

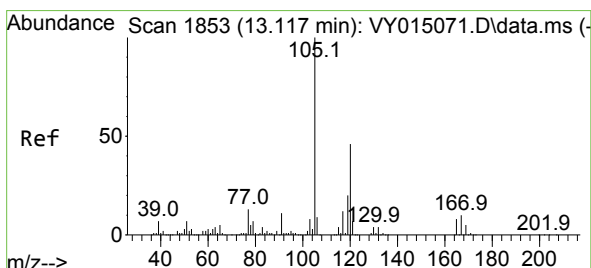
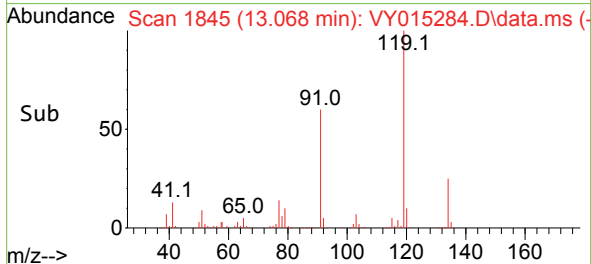
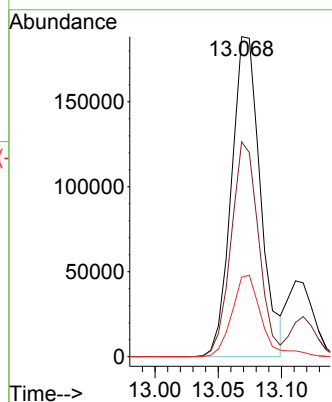
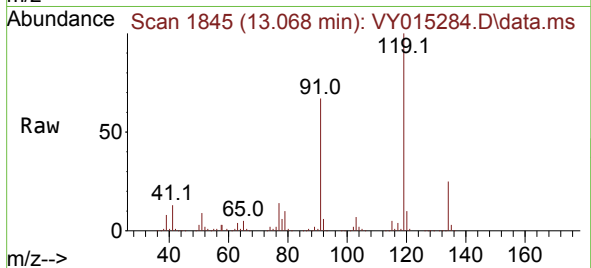
Tgt Ion:119 Resp: 300669

Ion Ratio Lower Upper

119 100

91 64.0 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.926 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015284.D

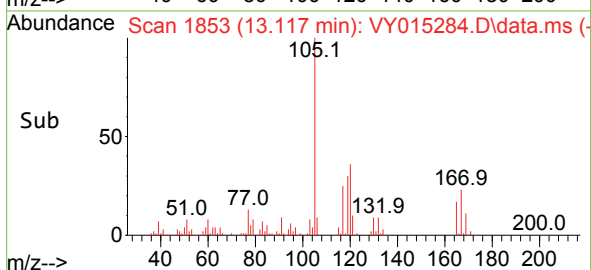
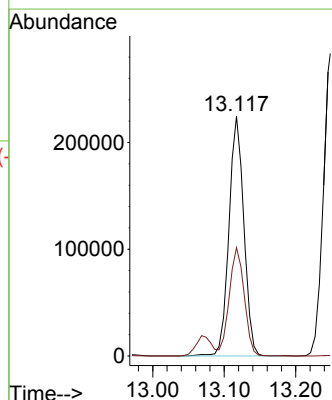
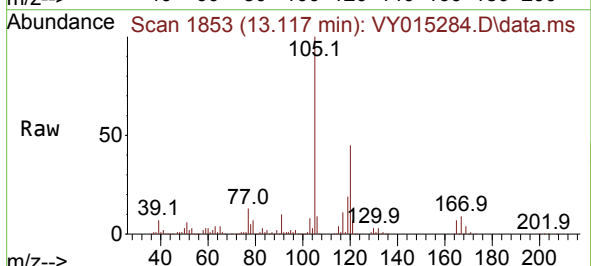
Acq: 23 Aug 2023 15:57

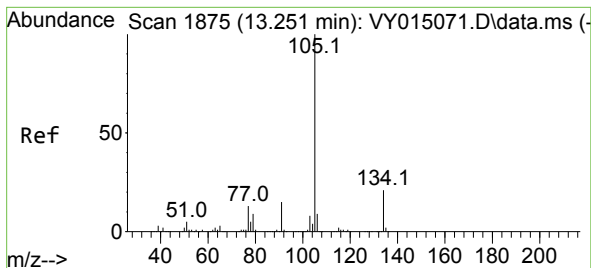
Tgt Ion:105 Resp: 324236

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.506 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

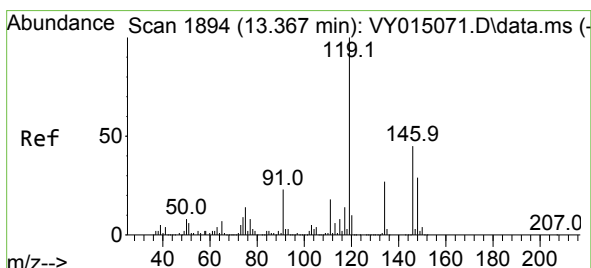
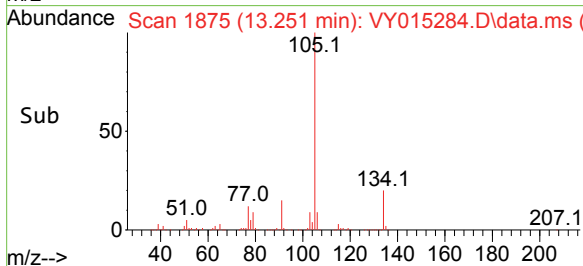
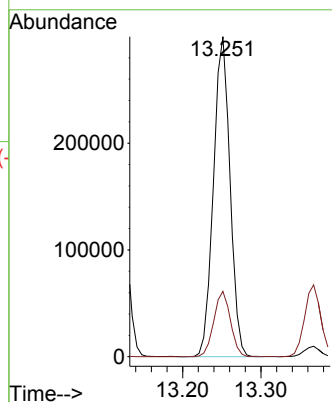
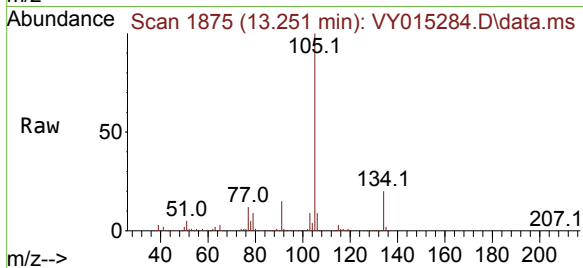
ClientSampleId :

Tgt Ion:105 Resp: 439912

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.193 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

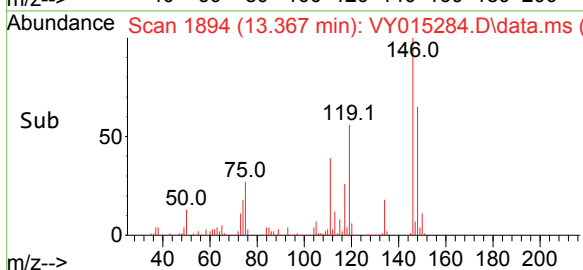
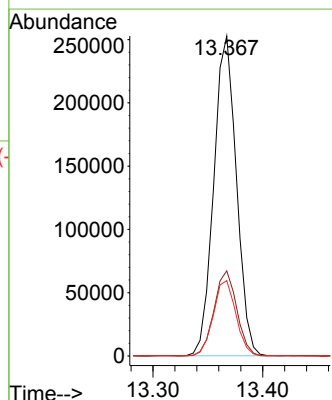
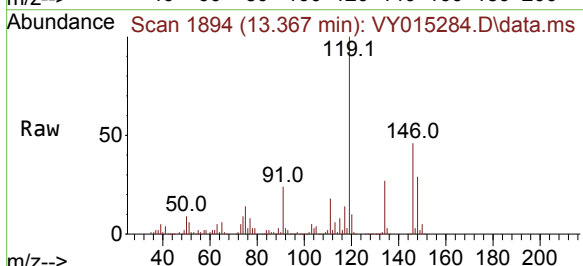
Tgt Ion:119 Resp: 362466

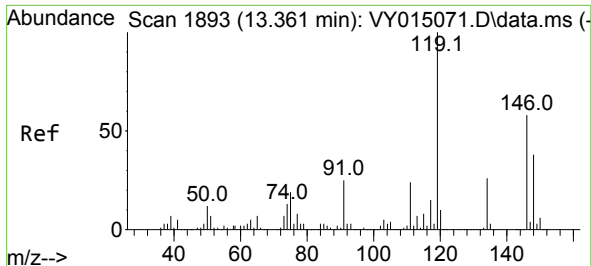
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.907 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

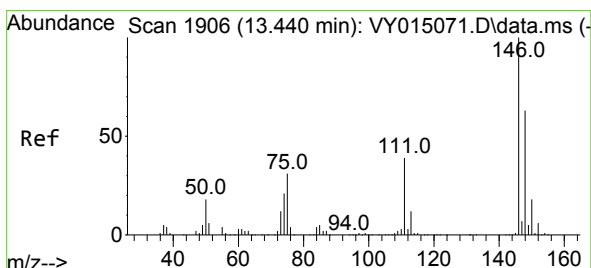
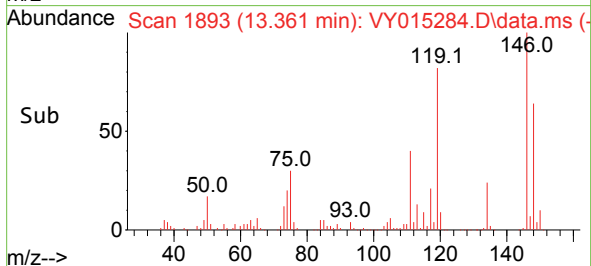
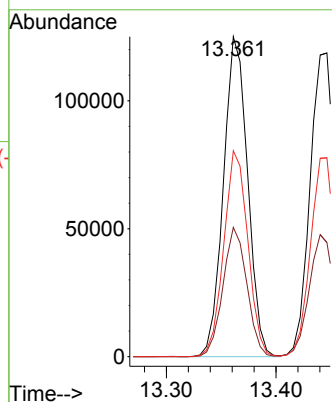
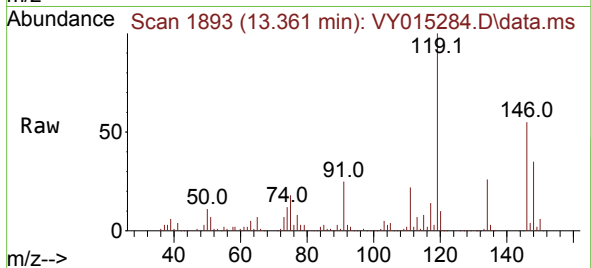
Tgt Ion:146 Resp: 191897

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.662 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

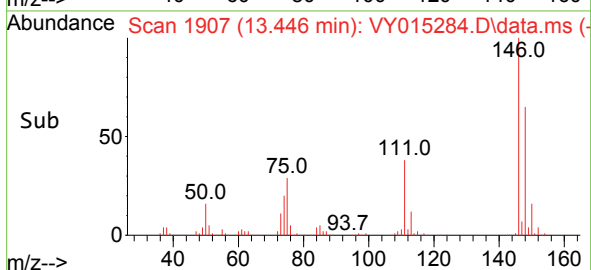
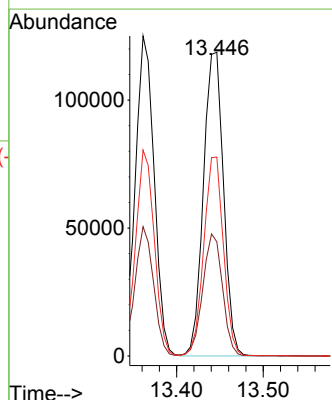
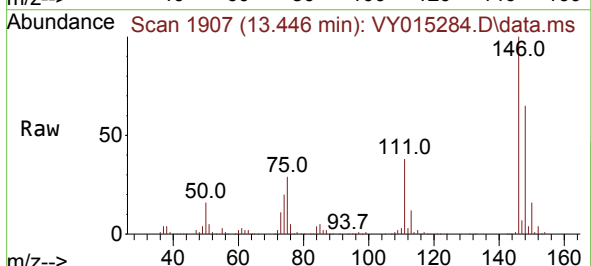
Tgt Ion:146 Resp: 191546

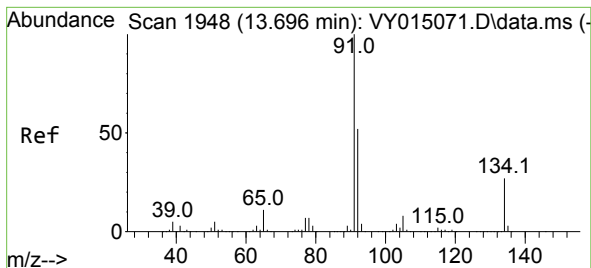
Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.7

148 64.0 32.1 96.5

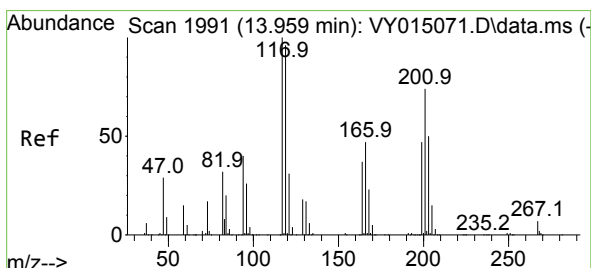
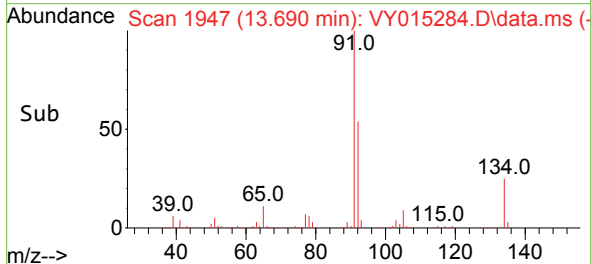
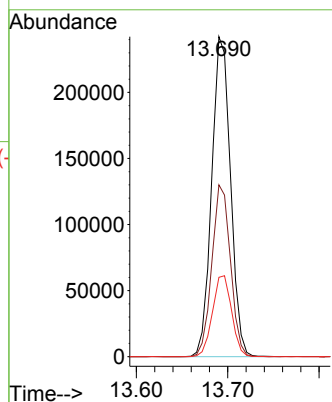
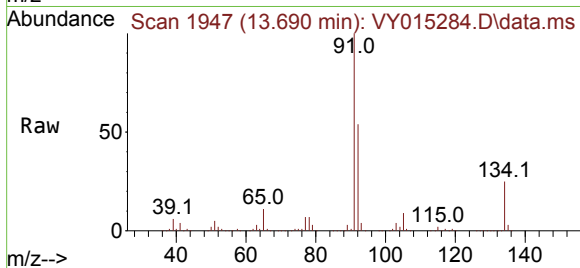




#89
n-Butylbenzene
Concen: 50.742 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

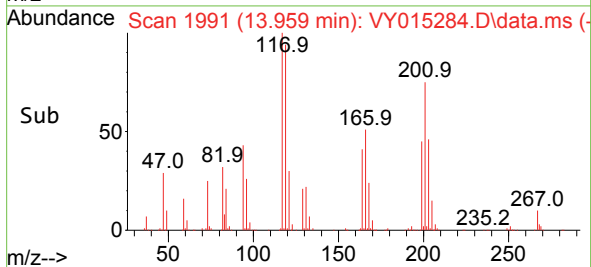
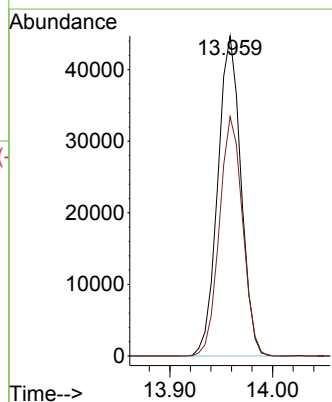
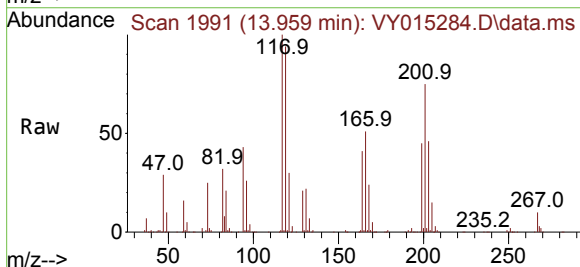
Instrument :
MSVOA_Y
ClientSampleId :

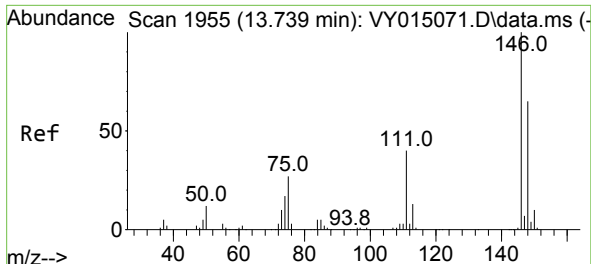
Tgt Ion: 91	Resp: 345494
Ion Ratio	Lower Upper
91 100	
92 53.1	25.4 76.0
134 25.8	12.6 37.6



#90
Hexachloroethane
Concen: 48.778 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

Tgt Ion:117	Resp:	69881	
Ion	Ratio	Lower	Upper
117	100		
201	75.0	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 51.793 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. 0.000 min

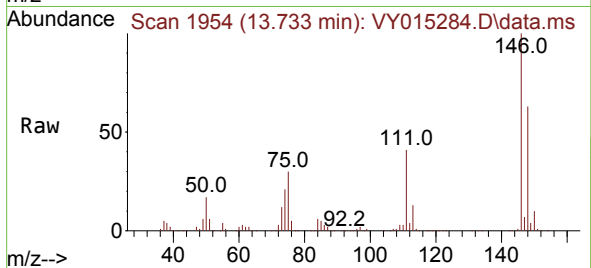
Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :



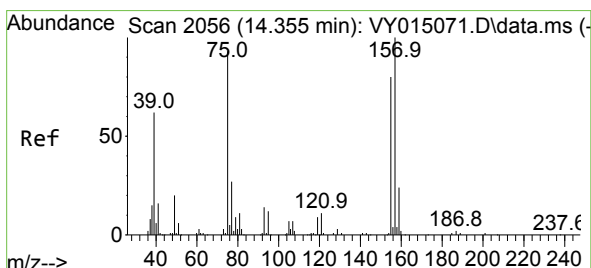
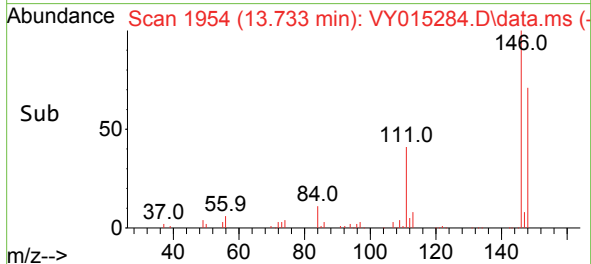
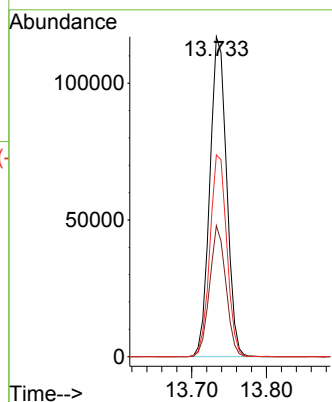
Tgt Ion:146 Resp: 182388

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.247 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

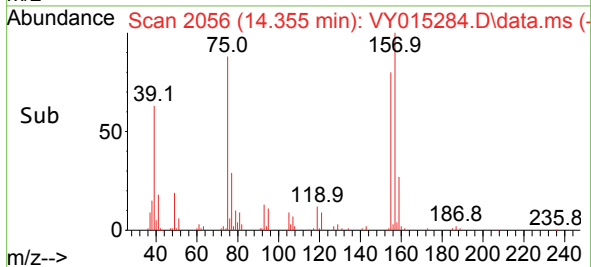
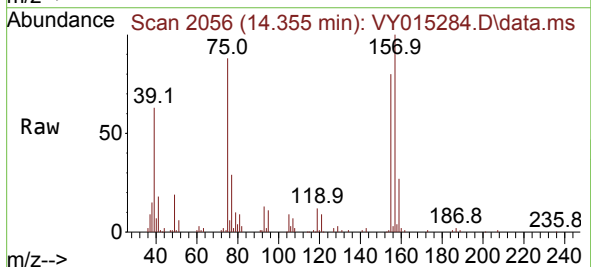
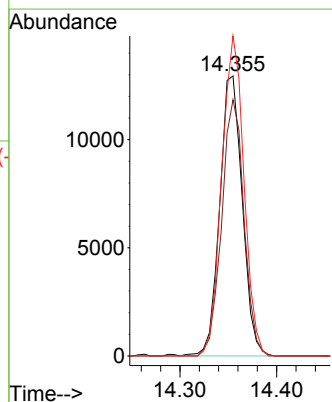
Tgt Ion: 75 Resp: 20946

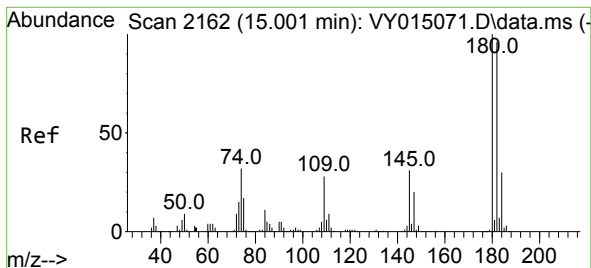
Ion Ratio Lower Upper

75 100

155 90.1 41.5 124.6

157 112.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.765 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

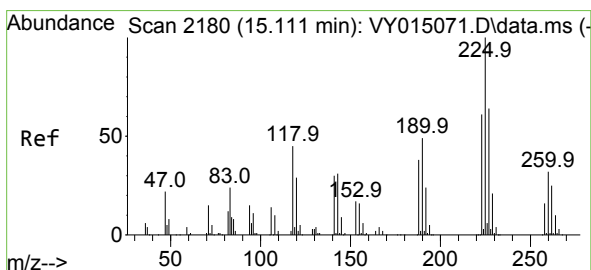
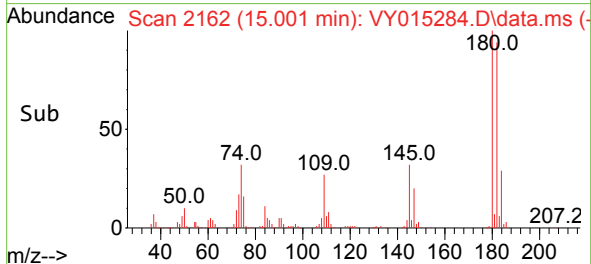
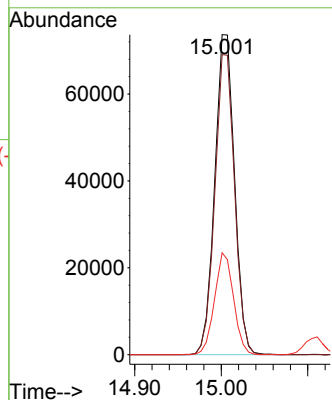
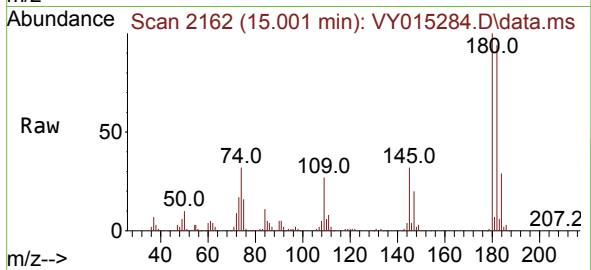
Tgt Ion:180 Resp: 117027

Ion Ratio Lower Upper

180 100

182 93.5 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.386 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015284.D

Acq: 23 Aug 2023 15:57

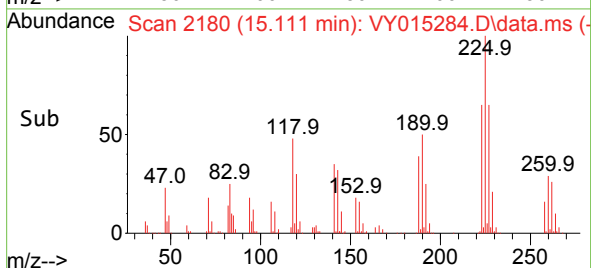
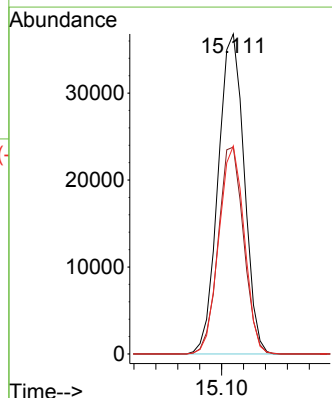
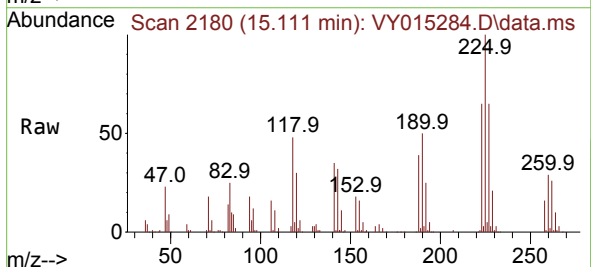
Tgt Ion:225 Resp: 60732

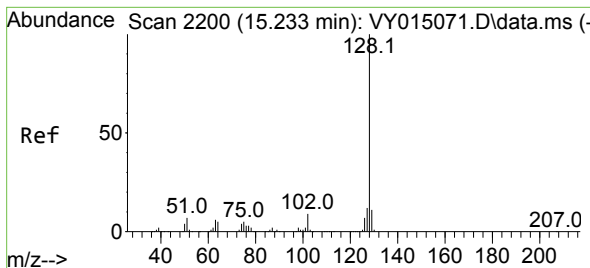
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

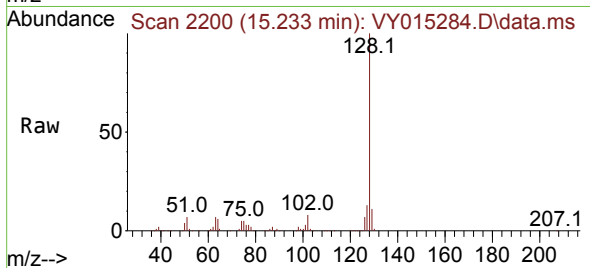
227 63.4 33.0 98.9



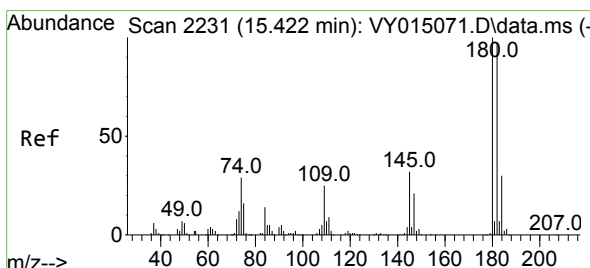
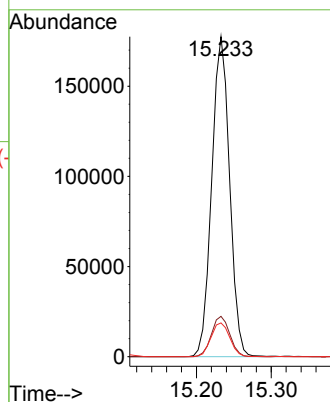
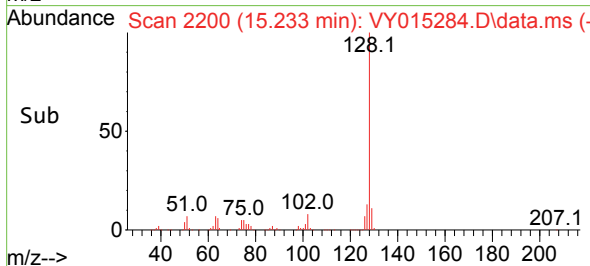


#95
Naphthalene
Concen: 52.278 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57

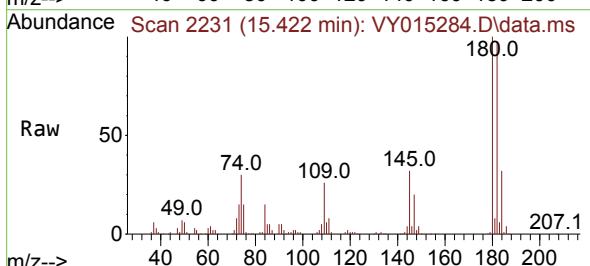
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 294414
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.493 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015284.D
Acq: 23 Aug 2023 15:57



Tgt Ion:180 Resp: 107176
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 32.7 15.4 46.2

