

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015777.D
 Acq On : 02 Oct 2023 15:05
 Operator : SY/MD
 Sample : VY1002SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:22:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	188134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104086	50.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.560%	
35) Dibromofluoromethane	7.716	113	96371	50.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.140%	
50) Toluene-d8	10.179	98	330279	51.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.477	95	128398	50.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23366	18.842	ug/l	98
3) Chloromethane	2.113	50	29602	18.921	ug/l	97
4) Vinyl Chloride	2.247	62	35319	19.745	ug/l	99
5) Bromomethane	2.625	94	29859	19.352	ug/l	100
6) Chloroethane	2.784	64	27262	20.562	ug/l	96
7) Trichlorofluoromethane	3.113	101	61419	20.474	ug/l	95
8) Diethyl Ether	3.528	74	26950	21.066	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	39193	20.866	ug/l	95
10) Methyl Iodide	4.082	142	39280	19.542	ug/l	98
11) Tert butyl alcohol	4.942	59	105663	246.992	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	33630	20.319	ug/l	95
13) Acrolein	3.723	56	17806	56.167	ug/l	95
14) Allyl chloride	4.466	41	63186	20.880	ug/l	94
15) Acrylonitrile	5.155	53	101636	108.299	ug/l	98
16) Acetone	3.942	43	122381	110.475	ug/l	90
17) Carbon Disulfide	4.186	76	59531	18.514	ug/l	98
18) Methyl Acetate	4.472	43	84144	22.639	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	149088	22.116	ug/l	100
20) Methylene Chloride	4.704	84	96905	38.866	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	39001	20.615	ug/l	94
22) Diisopropyl ether	6.112	45	155105	21.297	ug/l	95
23) Vinyl Acetate	6.051	43	467551	104.011	ug/l	95
24) 1,1-Dichloroethane	6.009	63	83843	21.121	ug/l	98
25) 2-Butanone	6.978	43	167865	107.207	ug/l	98
26) 2,2-Dichloropropane	6.972	77	79750	21.981	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	54627	21.750	ug/l	98
28) Bromochloromethane	7.326	49	25765	23.923	ug/l	96
29) Tetrahydrofuran	7.344	42	95249	107.626	ug/l	93
30) Chloroform	7.502	83	92625	21.789	ug/l	96
31) Cyclohexane	7.777	56	54486	19.001	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	76583	21.823	ug/l	99
36) 1,1-Dichloropropene	7.911	75	57166	20.287	ug/l	99
37) Ethyl Acetate	7.070	43	58716	20.890	ug/l #	95
38) Carbon Tetrachloride	7.899	117	64564	21.108	ug/l	95
39) Methylcyclohexane	9.179	83	60906	19.542	ug/l	95
40) Benzene	8.155	78	180835	21.044	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	83527	55.192	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	63416	21.548	ug/l	93
43) Isopropyl Acetate	8.271	43	101532	21.147	ug/l	97
44) Trichloroethene	8.935	130	51820	21.591	ug/l	93
45) 1,2-Dichloropropane	9.216	63	51055	21.305	ug/l	95
46) Dibromomethane	9.301	93	33076	21.577	ug/l	96
47) Bromodichloromethane	9.496	83	74356	21.762	ug/l	93
48) Methyl methacrylate	9.289	41	44574	21.151	ug/l	91
49) 1,4-Dioxane	9.295	88	13877	458.231	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	322043	108.218	ug/l	93
52) Toluene	10.240	92	117921	21.285	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	79577	21.718	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	83684	21.218	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	48581	21.626	ug/l	98
56) Ethyl methacrylate	10.508	69	72487	21.896	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	82237	21.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	70421	66.967	ug/l	95
59) 2-Hexanone	10.831	43	247241	108.290	ug/l	91
60) Dibromochloromethane	10.983	129	58432	22.282	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48170	21.918	ug/l	98
64) Tetrachloroethene	10.715	164	57677	23.098	ug/l	95
65) Chlorobenzene	11.514	112	138032	21.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54640	22.142	ug/l	98
67) Ethyl Benzene	11.593	91	235732	21.229	ug/l	99
68) m/p-Xylenes	11.703	106	181064	42.901	ug/l	97
69) o-Xylene	12.026	106	90807	21.942	ug/l	97
70) Styrene	12.044	104	155482	21.948	ug/l	97
71) Bromoform	12.209	173	39656	22.176	ug/l #	99
73) Isopropylbenzene	12.331	105	238625	21.676	ug/l	100
74) N-amyl acetate	12.142	43	89492	21.629	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	66038	21.554	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	87662	37.445	ug/l #	100
77) Bromobenzene	12.605	156	59909	22.170	ug/l	95
78) n-propylbenzene	12.672	91	289357	21.636	ug/l	99
79) 2-Chlorotoluene	12.758	91	167065	21.915	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	202645	21.988	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22518	21.660	ug/l	96
82) 4-Chlorotoluene	12.855	91	176379	22.163	ug/l	99
83) tert-Butylbenzene	13.075	119	178919	22.166	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	203143	22.030	ug/l	99
85) sec-Butylbenzene	13.251	105	264784	21.920	ug/l	99
86) p-Isopropyltoluene	13.367	119	224140	22.213	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	119396	22.272	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	120534	22.481	ug/l	99
89) n-Butylbenzene	13.696	91	211299	22.114	ug/l	97
90) Hexachloroethane	13.959	117	43127	22.146	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	110984	22.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13355	21.948	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	71405	22.920	ug/l	98
94) Hexachlorobutadiene	15.111	225	37085	23.244	ug/l	99
95) Naphthalene	15.233	128	184317	22.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	65511	22.782	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

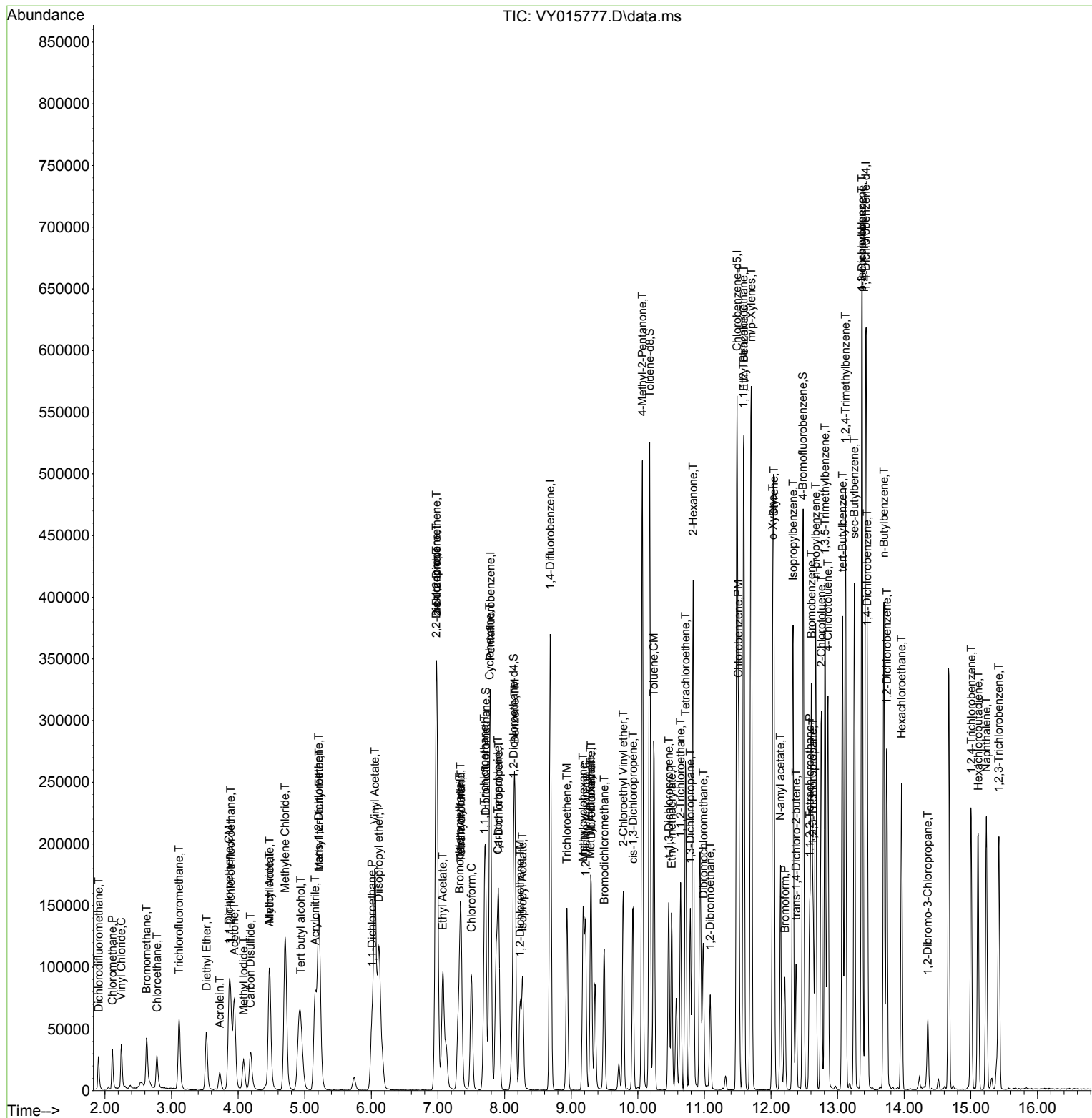
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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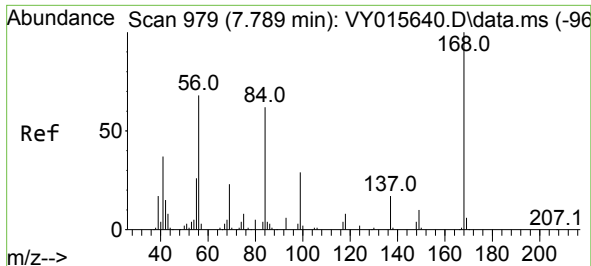
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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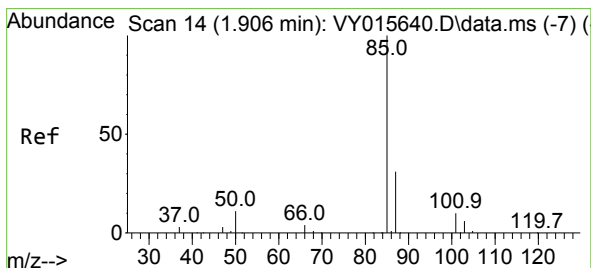
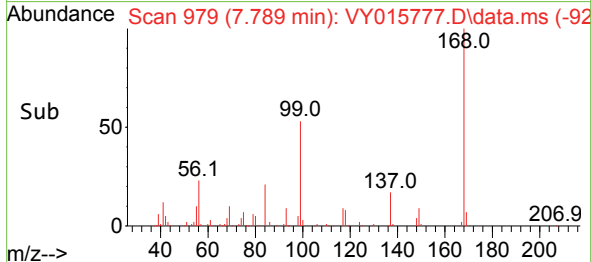
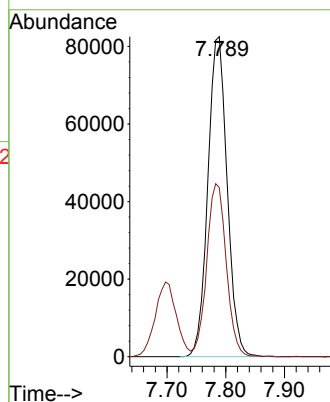
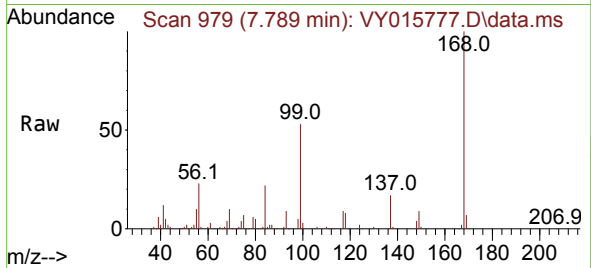




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015777.D
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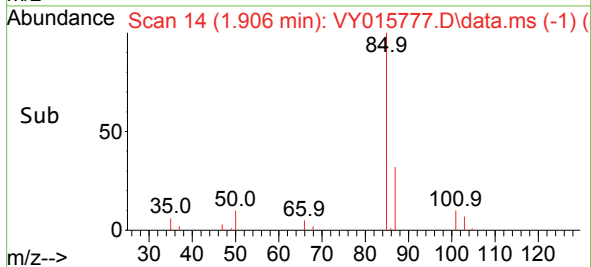
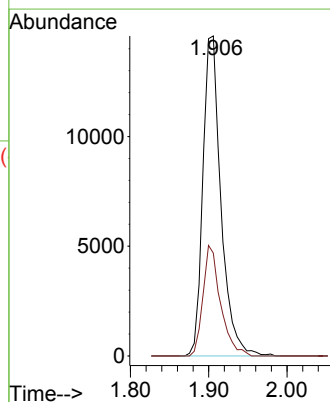
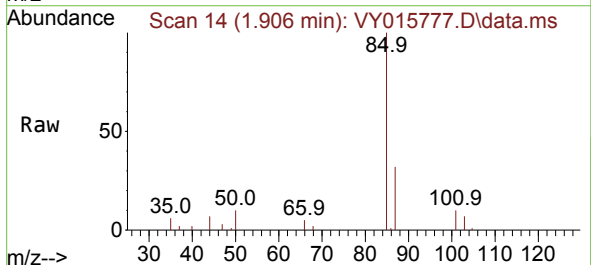
Instrument :
MSVOA_Y
ClientSampleId :

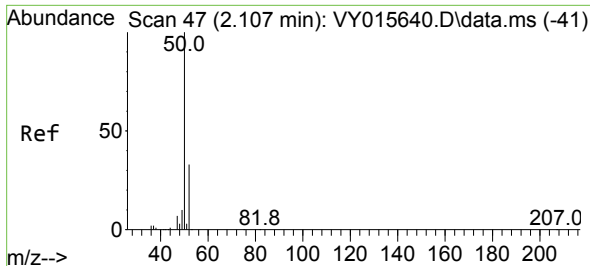
Tgt Ion:168 Resp: 188134
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.842 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 85 Resp: 23366
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8

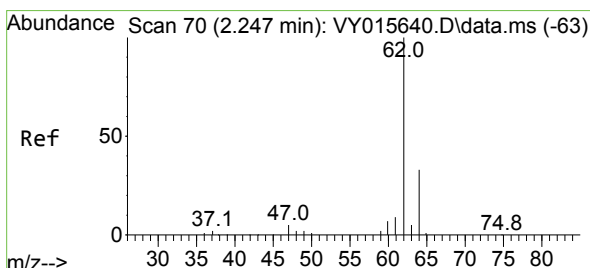
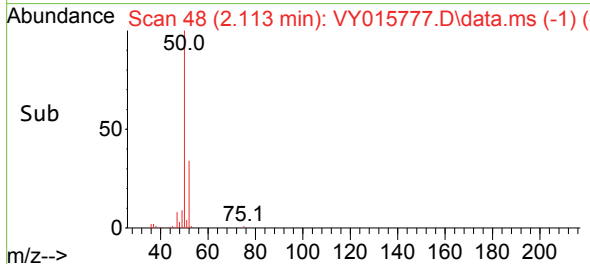
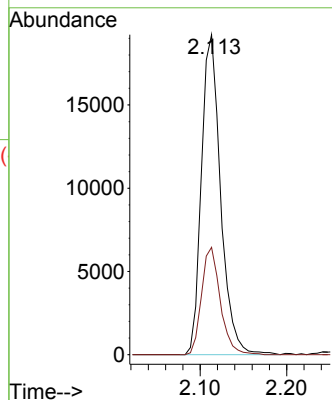
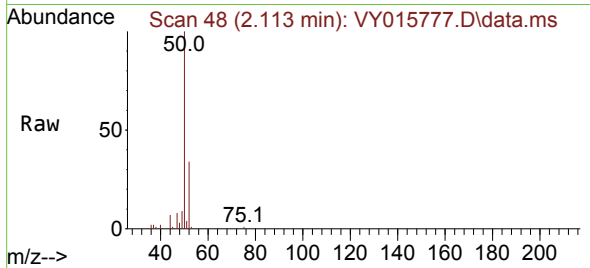




#3
Chloromethane
Concen: 18.921 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

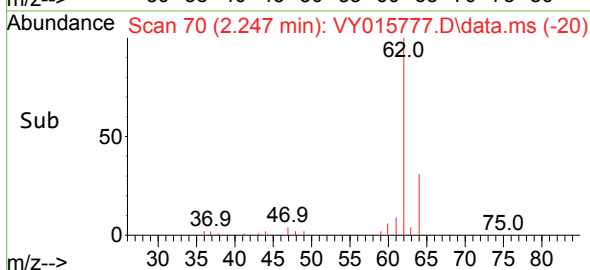
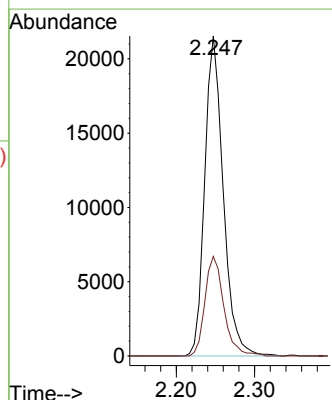
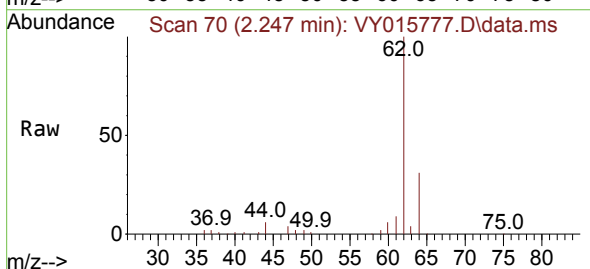
Instrument :
MSVOA_Y
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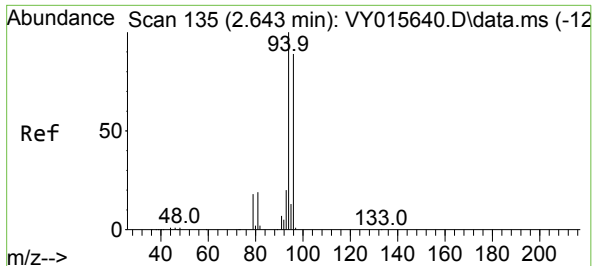
Tgt Ion: 50 Resp: 29602
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2



#4
Vinyl Chloride
Concen: 19.745 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 62 Resp: 35319
Ion Ratio Lower Upper
62 100
64 31.1 24.3 36.5

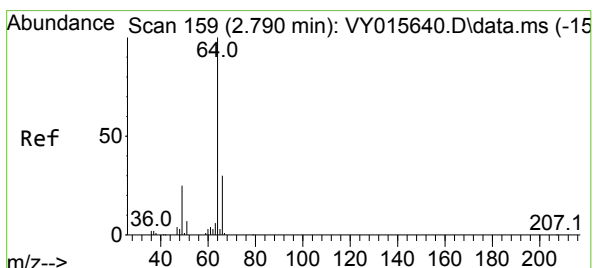
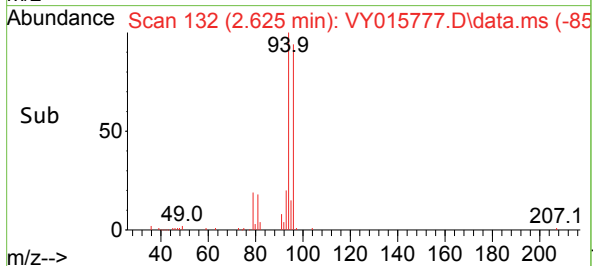
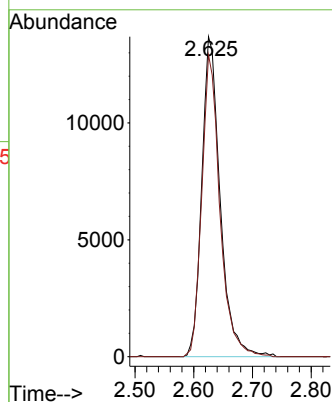
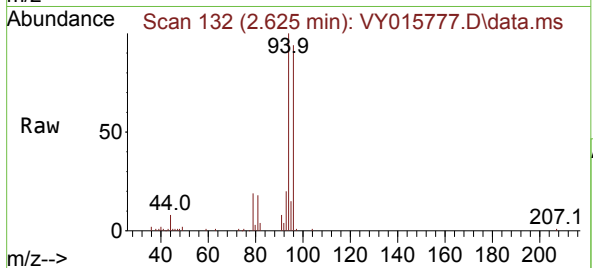




#5
Bromomethane
Concen: 19.352 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015777.D
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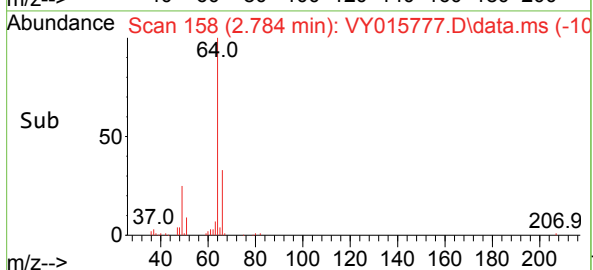
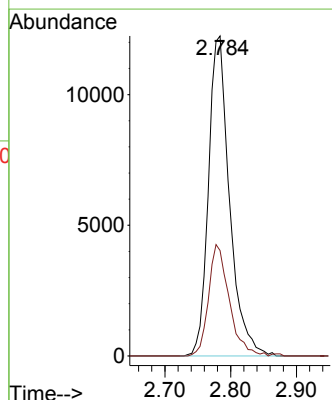
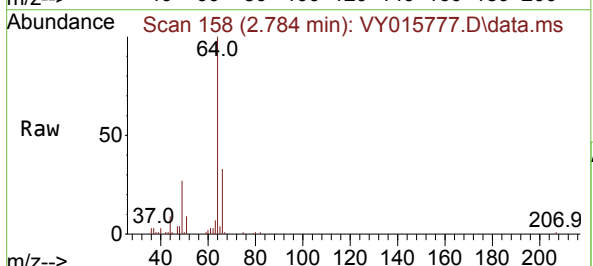
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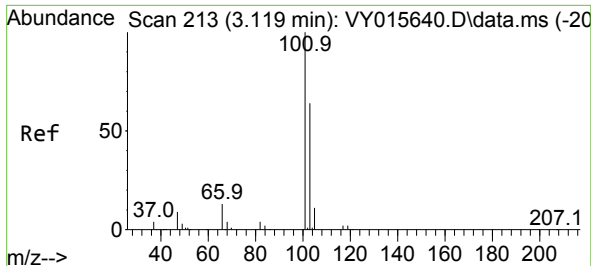
Tgt Ion: 94 Resp: 29859
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6



#6
Chloroethane
Concen: 20.562 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015777.D
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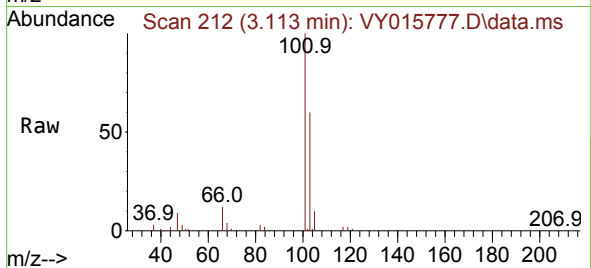
Tgt Ion: 64 Resp: 27262
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6



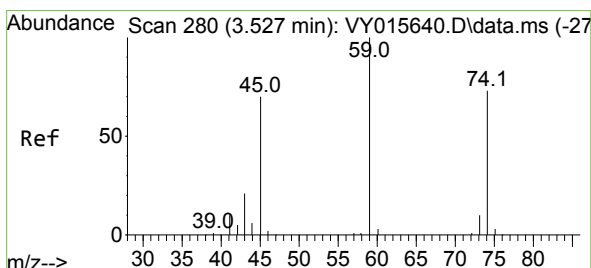
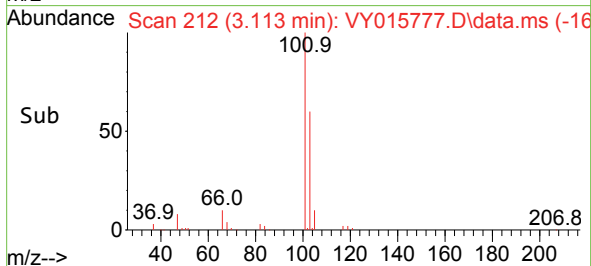
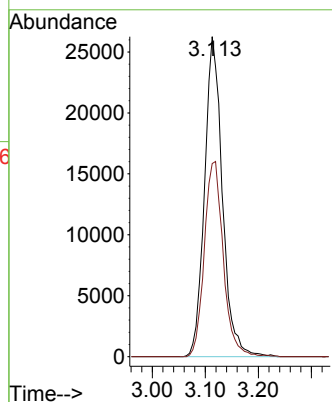


#7
 Trichlorofluoromethane
 Concen: 20.474 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY015777.D
 Acq: 02 Oct 2023 15:05

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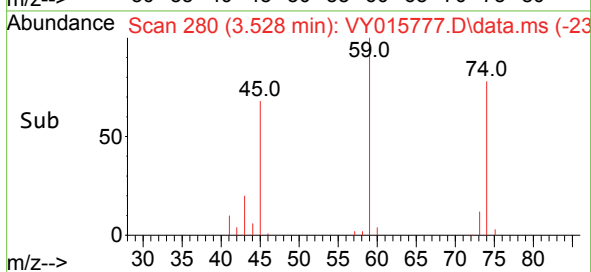
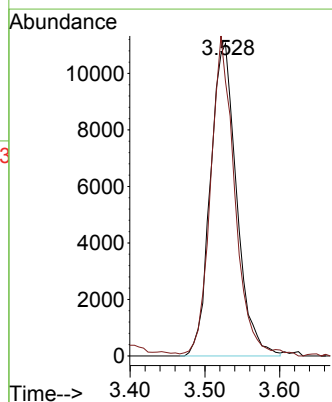
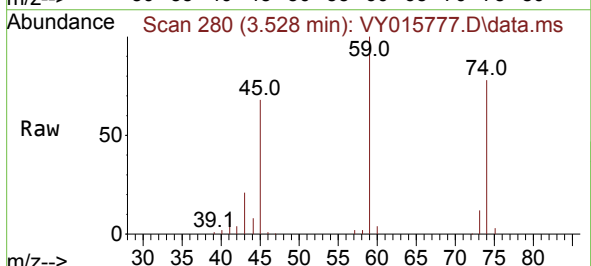


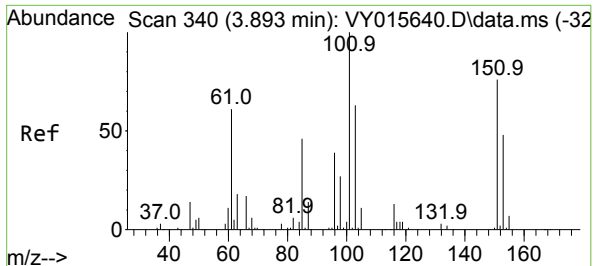
Tgt Ion:101 Resp: 61419
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.066 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 26950
 Ion Ratio Lower Upper
 74 100
 45 94.8 51.5 154.5

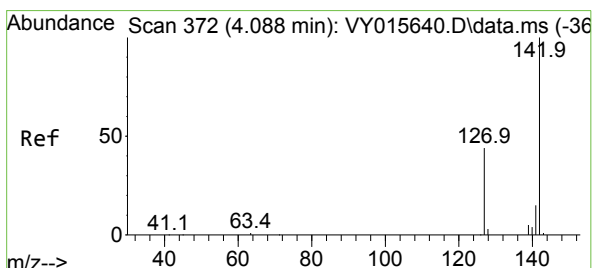
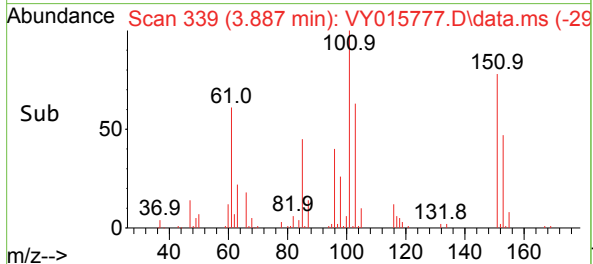
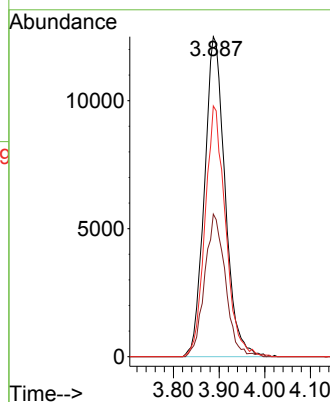
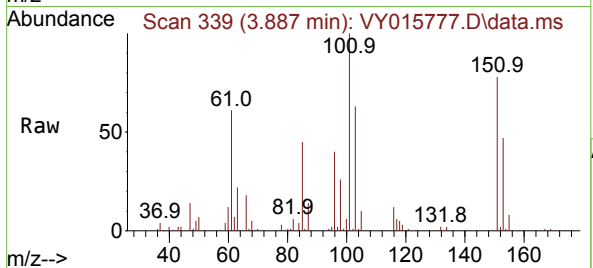




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.866 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

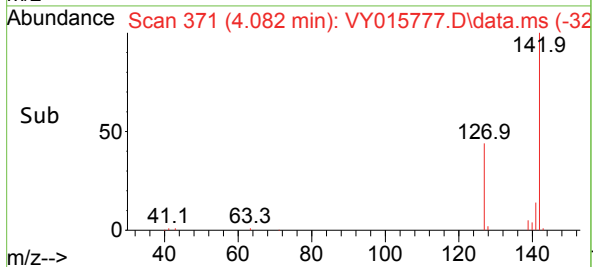
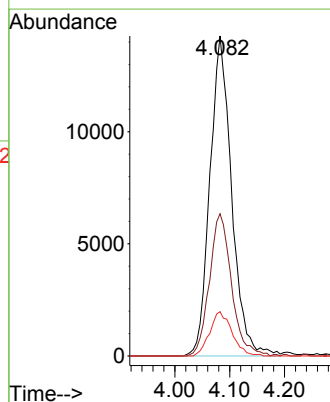
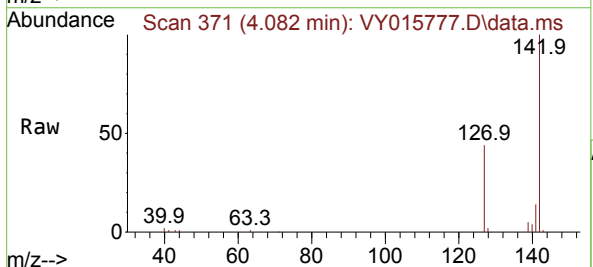
Instrument :
MSVOA_Y
ClientSampleId :

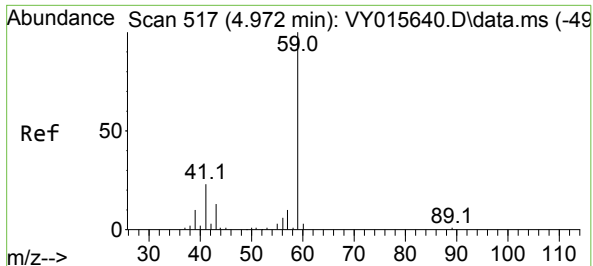
Tgt Ion:101 Resp: 39193
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 77.9 67.0 100.6



#10
Methyl Iodide
Concen: 19.542 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion:142 Resp: 39280
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.2 11.8 17.8

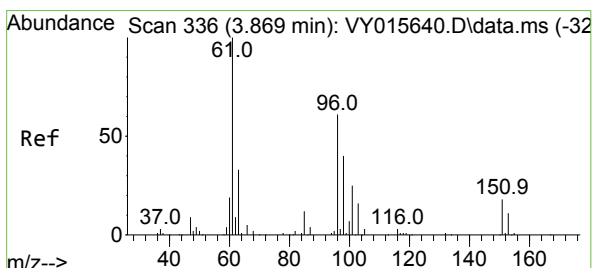
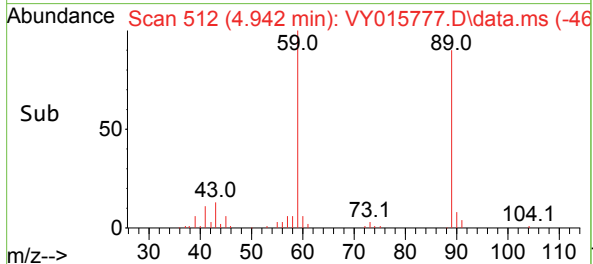
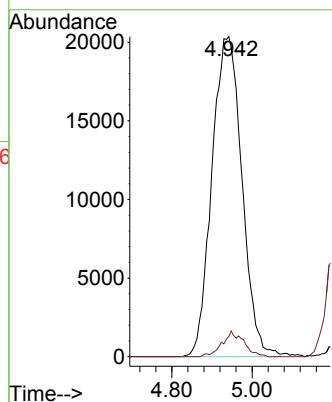
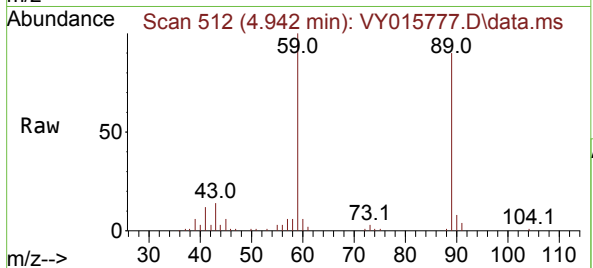




#11
Tert butyl alcohol
Concen: 246.992 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

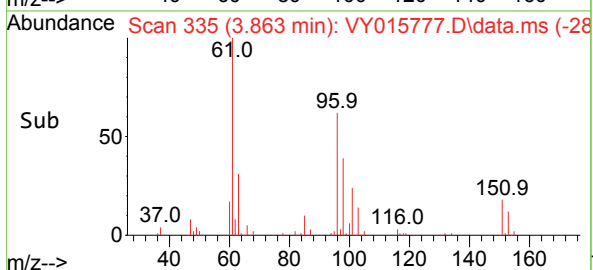
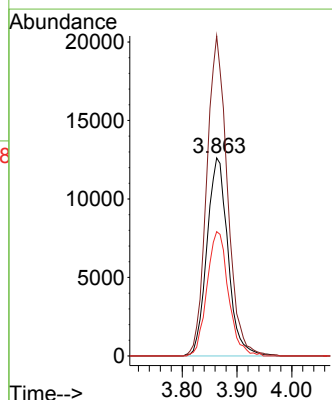
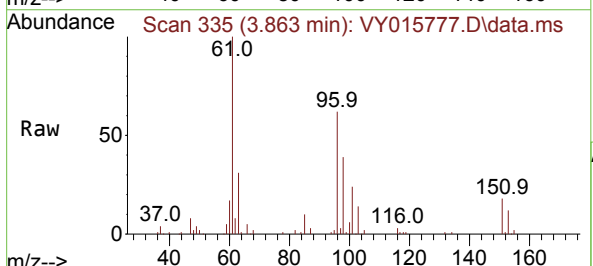
Instrument :
MSVOA_Y
ClientSampleId :

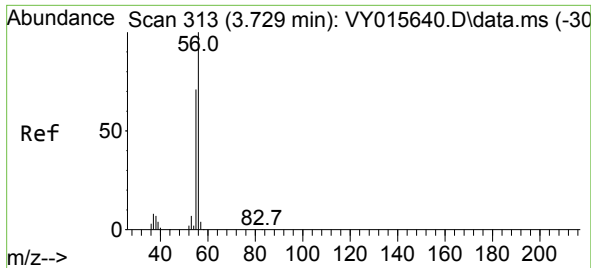
Tgt Ion: 59 Resp: 105663
Ion Ratio Lower Upper
59 100
57 5.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.319 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

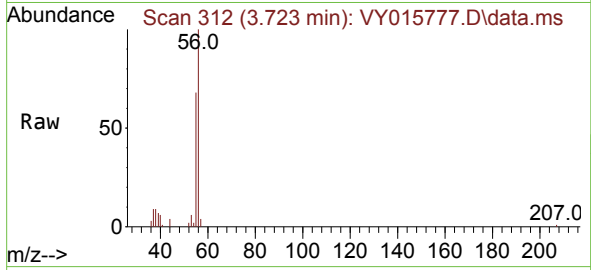
Tgt Ion: 96 Resp: 33630
Ion Ratio Lower Upper
96 100
61 161.5 136.4 204.6
98 62.8 49.4 74.2



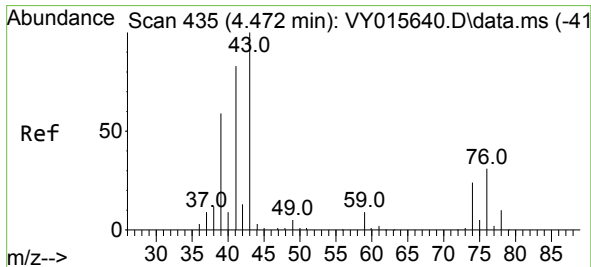
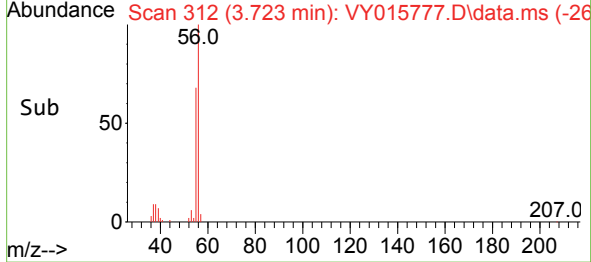
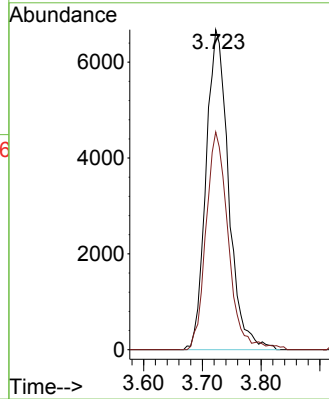


#13
Acrolein
Concen: 56.167 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :

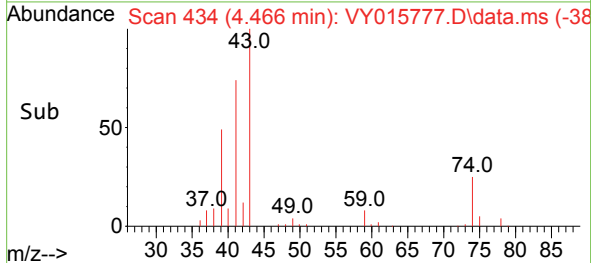
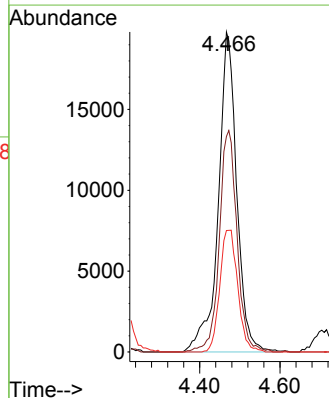
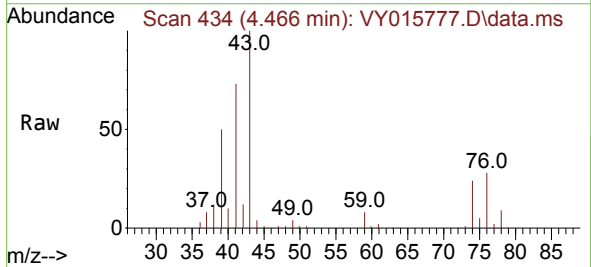


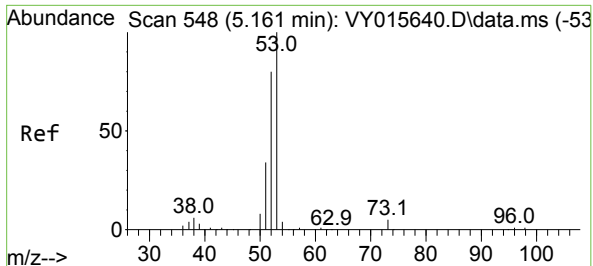
Tgt Ion: 56 Resp: 17806
Ion Ratio Lower Upper
56 100
55 67.3 57.0 85.4



#14
Allyl chloride
Concen: 20.880 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 41 Resp: 63186
Ion Ratio Lower Upper
41 100
39 66.6 58.0 87.0
76 36.9 27.4 41.2





#15

Acrylonitrile

Concen: 108.299 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

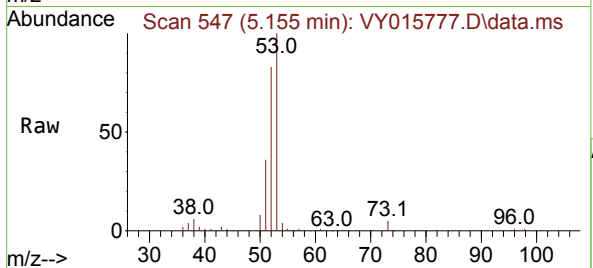
Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :



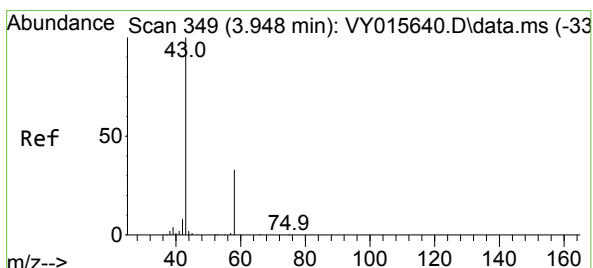
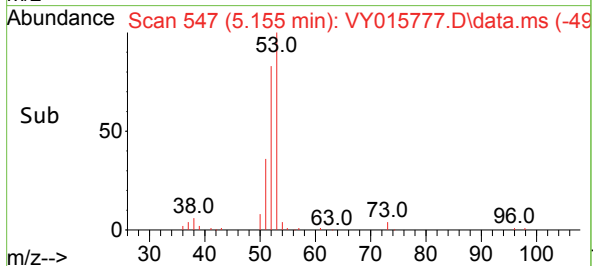
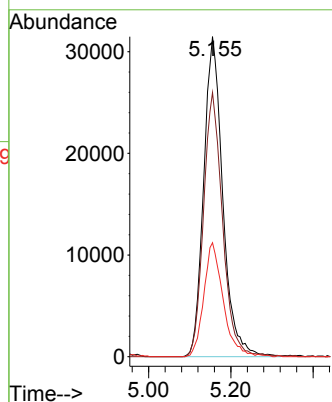
Tgt Ion: 53 Resp: 101636

Ion Ratio Lower Upper

53 100

52 82.2 66.9 100.3

51 35.9 29.8 44.6



#16

Acetone

Concen: 110.475 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY015777.D

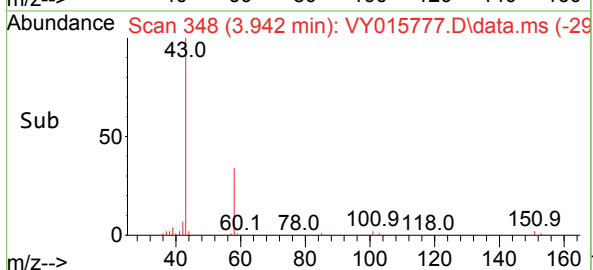
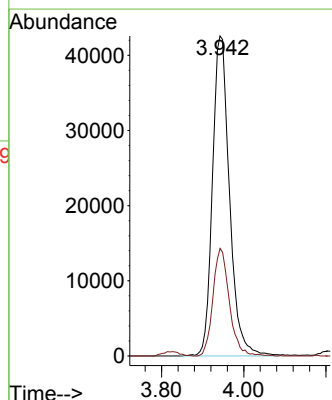
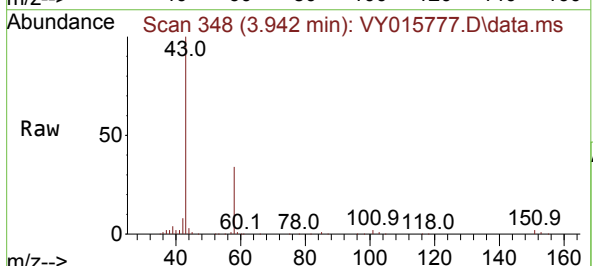
Acq: 02 Oct 2023 15:05

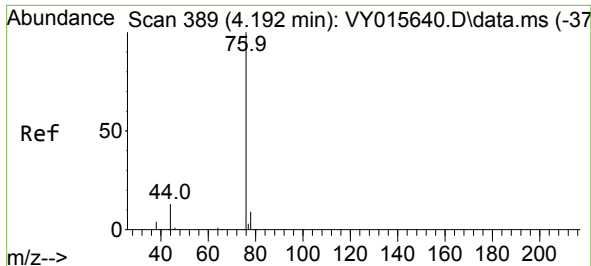
Tgt Ion: 43 Resp: 122381

Ion Ratio Lower Upper

43 100

58 33.5 22.7 34.1





#17

Carbon Disulfide

Concen: 18.514 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

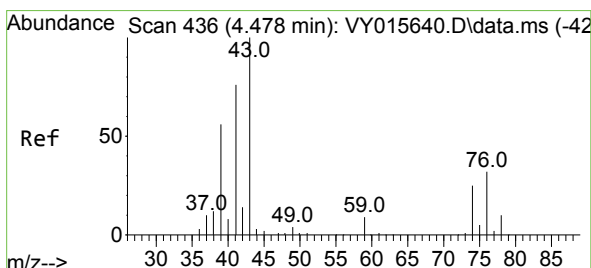
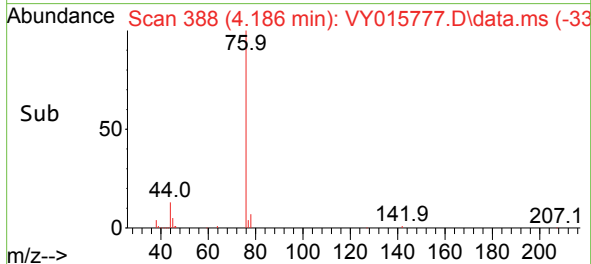
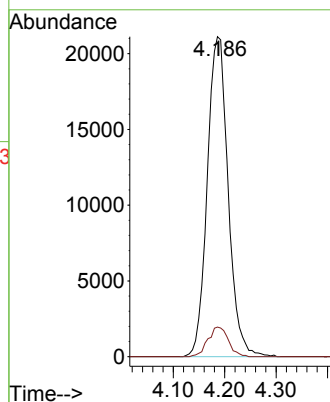
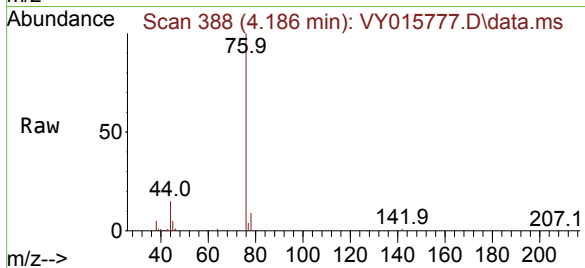
ClientSampleId :

Tgt Ion: 76 Resp: 59531

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 22.639 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015777.D

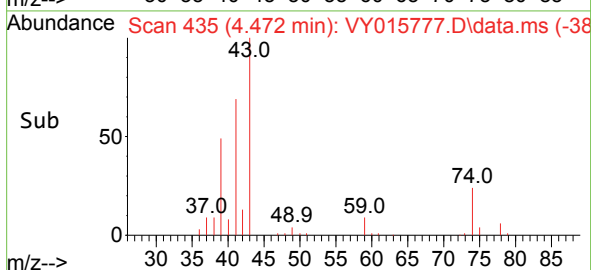
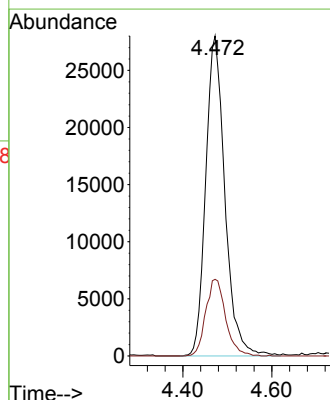
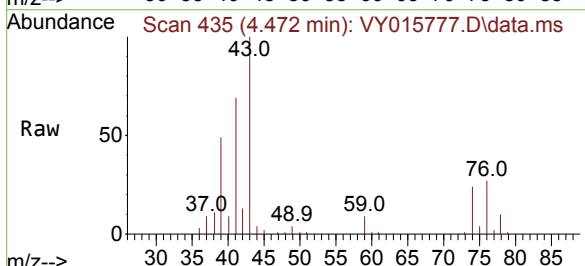
Acq: 02 Oct 2023 15:05

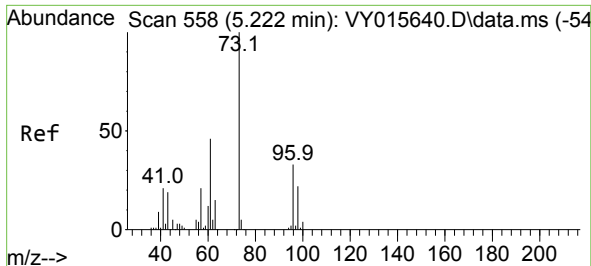
Tgt Ion: 43 Resp: 84144

Ion Ratio Lower Upper

43 100

74 24.8 17.4 26.0

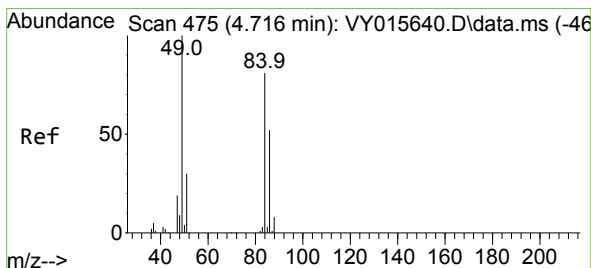
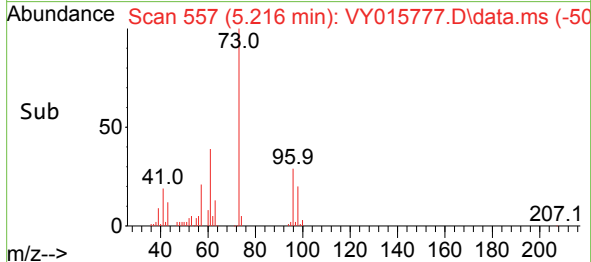
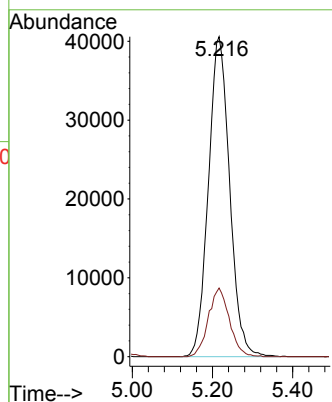
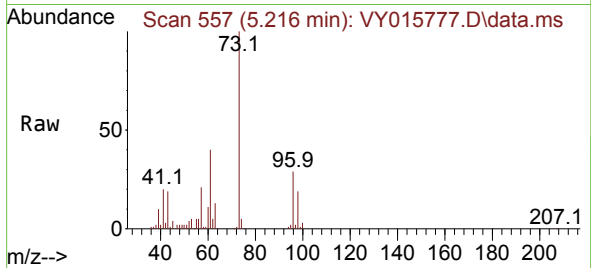




#19
Methyl tert-butyl Ether
Concen: 22.116 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

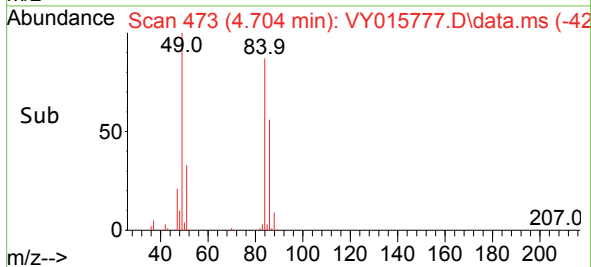
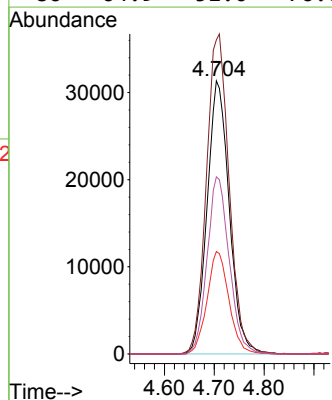
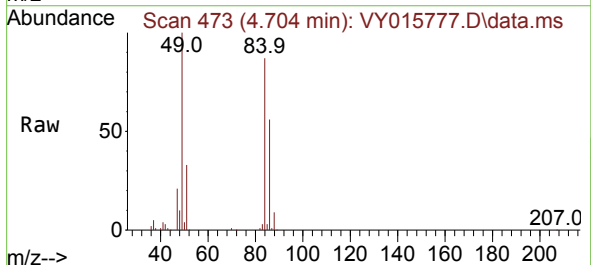
Instrument :
MSVOA_Y
ClientSampleId :

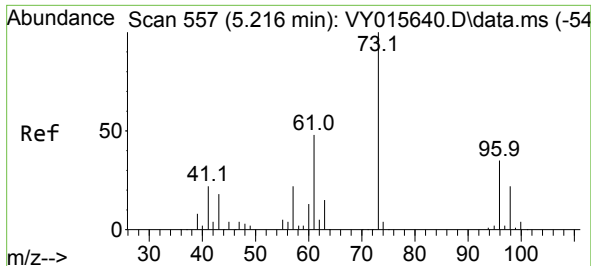
Tgt Ion: 73 Resp: 149088
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 38.866 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 84 Resp: 96905
Ion Ratio Lower Upper
84 100
49 115.0 106.9 160.3
51 37.5 33.2 49.8
86 64.9 51.0 76.6

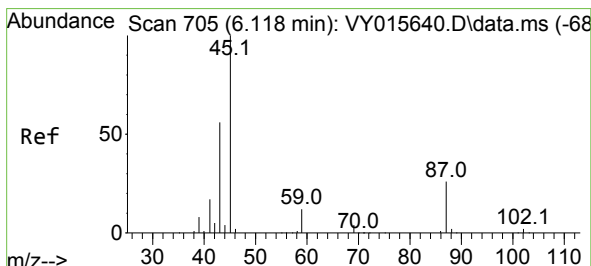
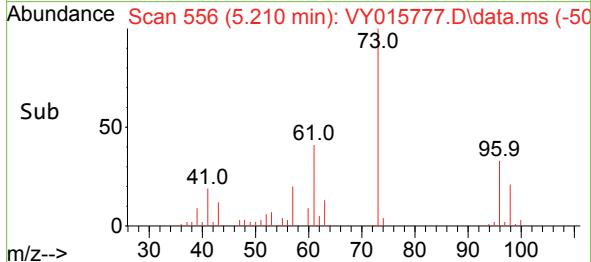
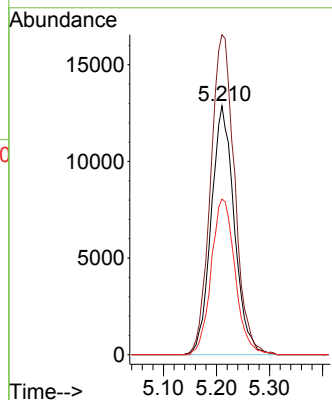
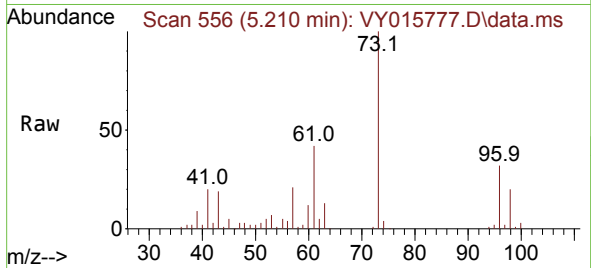




#21
trans-1,2-Dichloroethene
Concen: 20.615 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

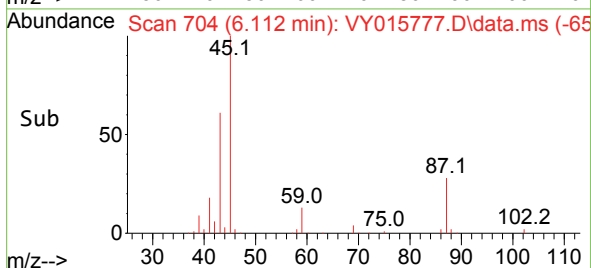
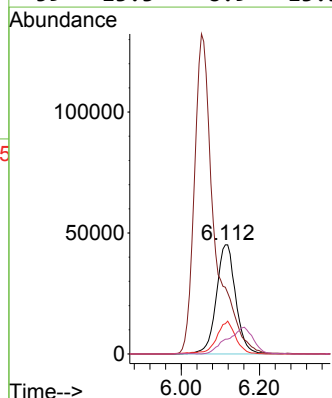
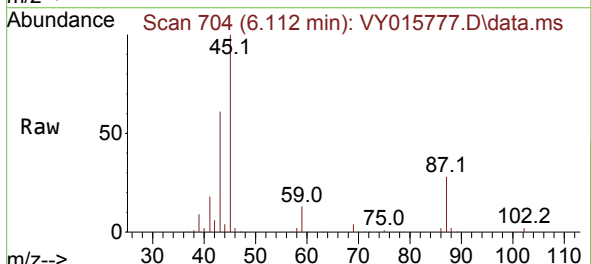
Instrument :
MSVOA_Y
ClientSampleId :

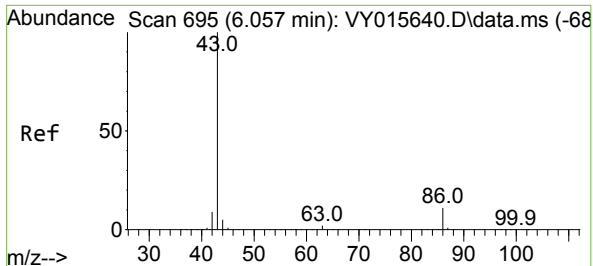
Tgt Ion: 96 Resp: 39001
Ion Ratio Lower Upper
96 100
61 128.6 110.2 165.4
98 62.5 51.8 77.6



#22
Diisopropyl ether
Concen: 21.297 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 45 Resp: 155105
Ion Ratio Lower Upper
45 100
43 60.5 52.2 78.4
87 27.7 21.0 31.6
59 13.3 8.9 13.3

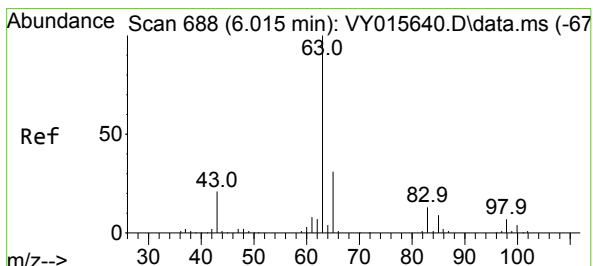
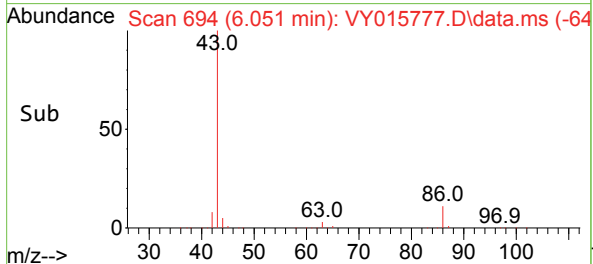
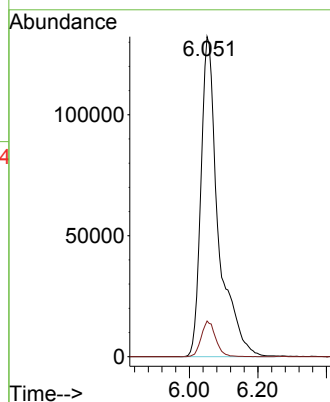
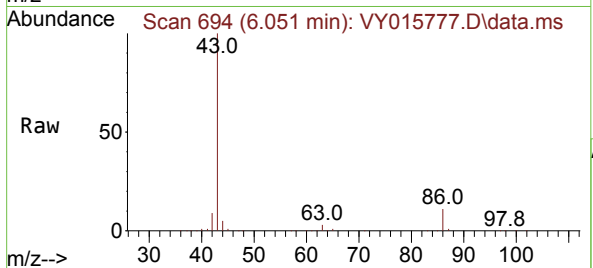




#23
 Vinyl Acetate
 Concen: 104.011 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015777.D
 Acq: 02 Oct 2023 15:05

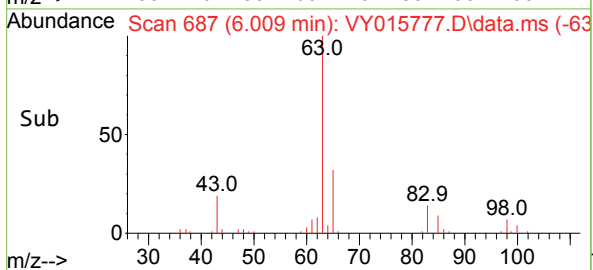
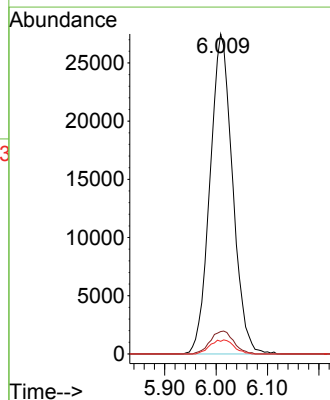
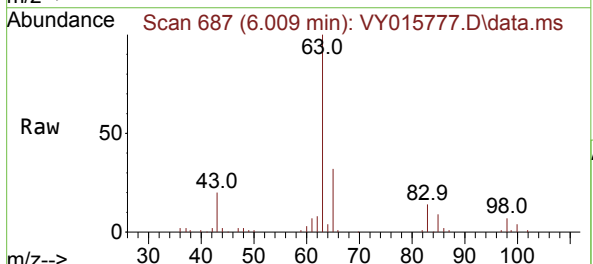
Instrument :
 MSVOA_Y
 ClientSampleId :

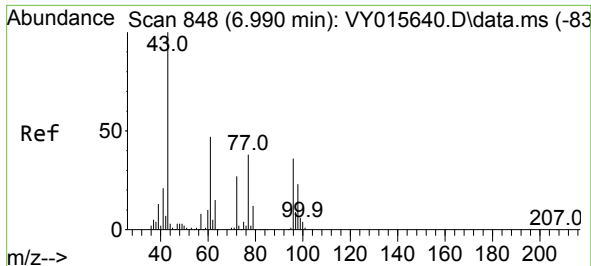
Tgt Ion: 43 Resp: 467551
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.121 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015777.D
 Acq: 02 Oct 2023 15:05

Tgt Ion: 63 Resp: 83843
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 107.207 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

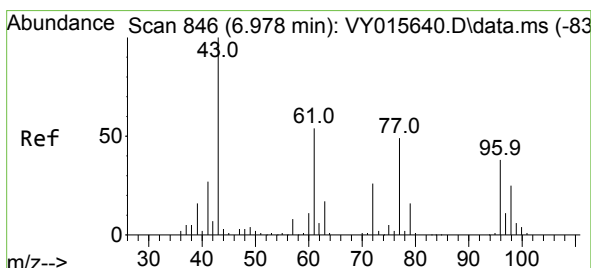
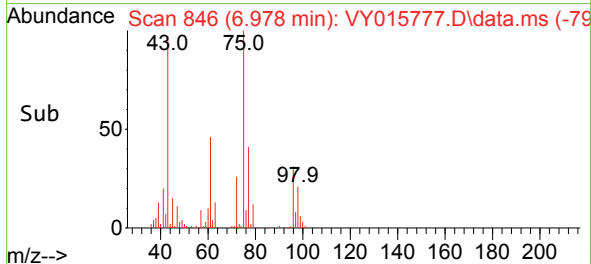
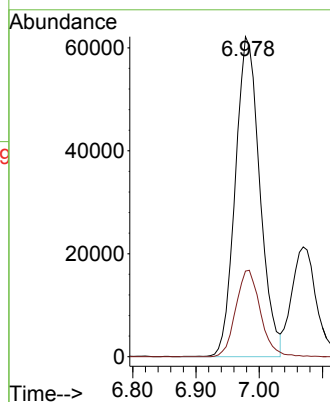
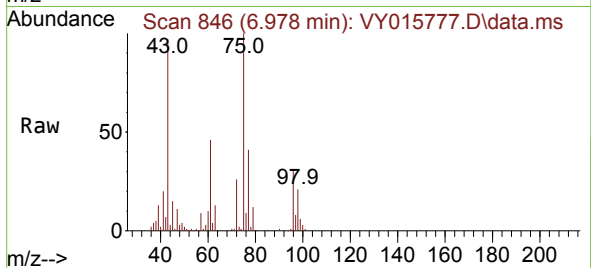
ClientSampleId :

Tgt Ion: 43 Resp: 167865

Ion Ratio Lower Upper

43 100

72 26.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 21.981 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015777.D

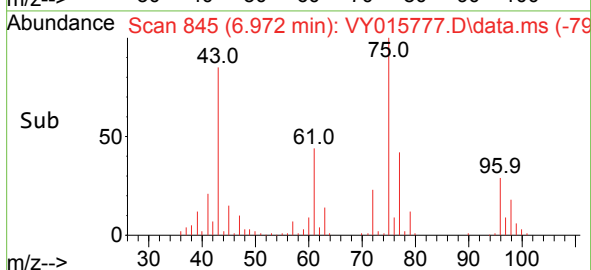
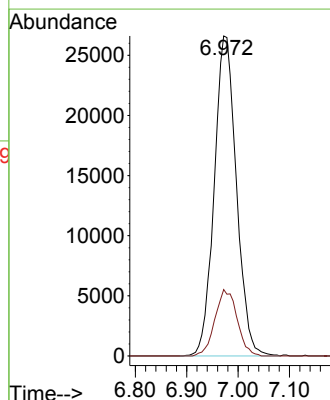
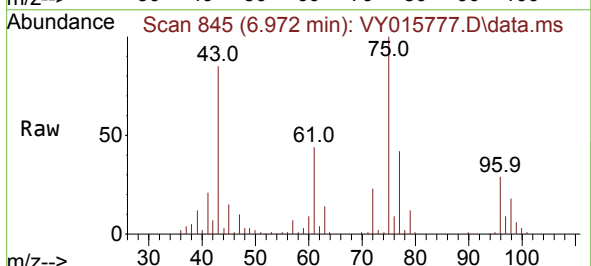
Acq: 02 Oct 2023 15:05

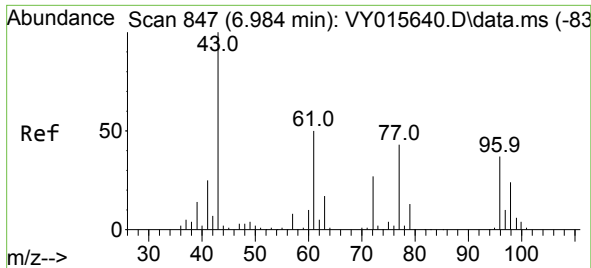
Tgt Ion: 77 Resp: 79750

Ion Ratio Lower Upper

77 100

97 20.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.750 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

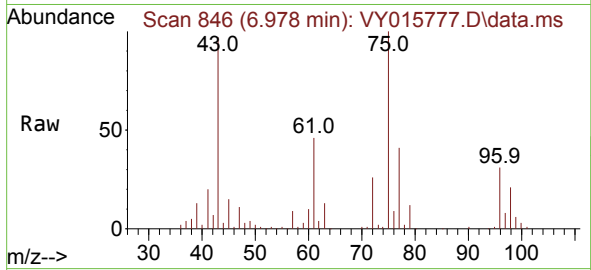
Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :



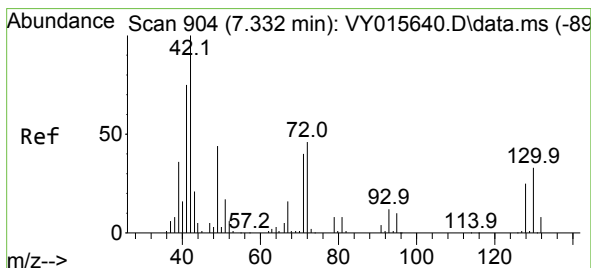
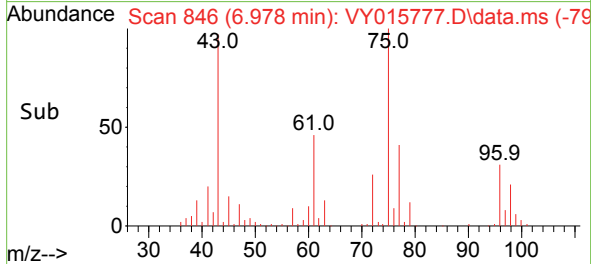
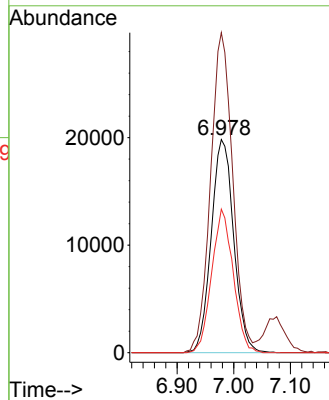
Tgt Ion: 96 Resp: 54627

Ion Ratio Lower Upper

96 100

61 147.4 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 23.923 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

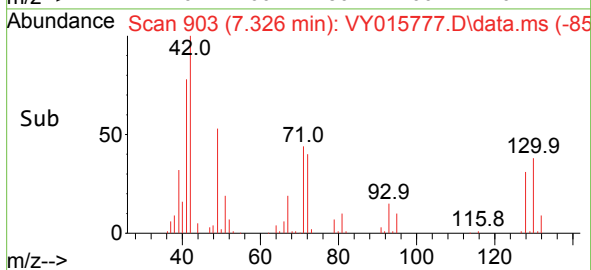
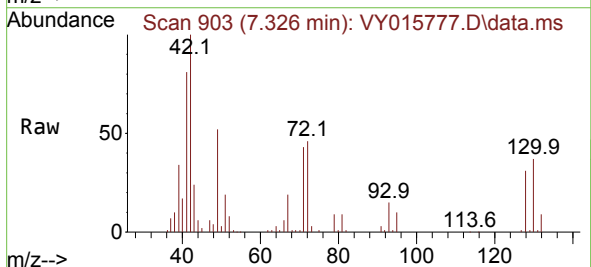
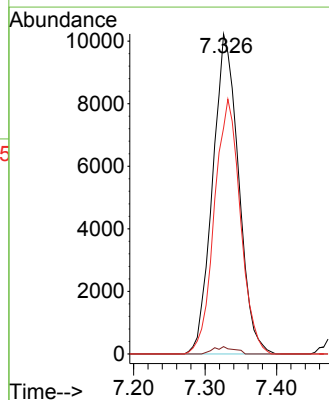
Tgt Ion: 49 Resp: 25765

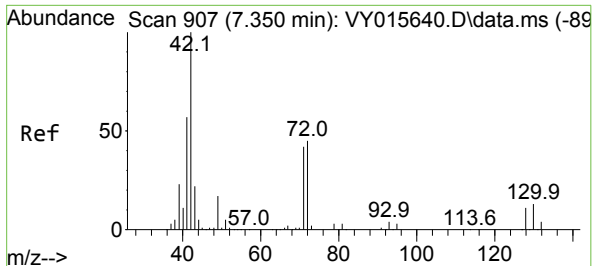
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 79.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.626 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

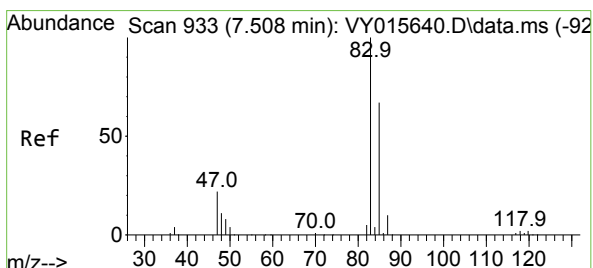
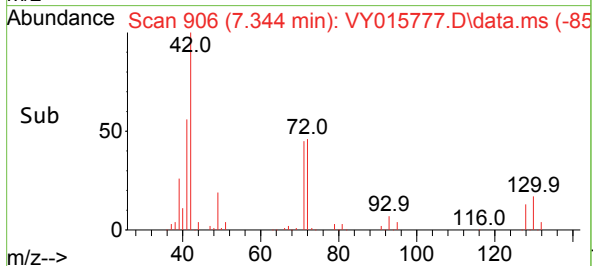
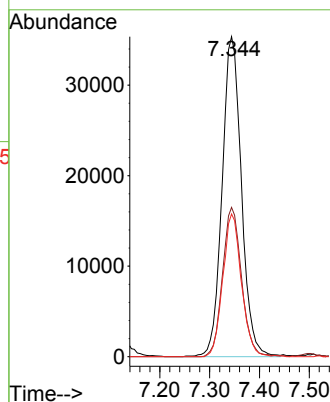
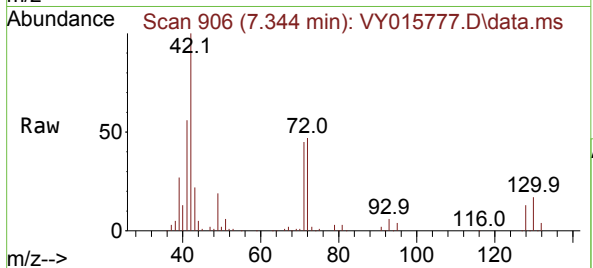
Tgt Ion: 42 Resp: 95249

Ion Ratio Lower Upper

42 100

72 45.9 32.8 49.2

71 42.9 31.0 46.4



#30

Chloroform

Concen: 21.789 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015777.D

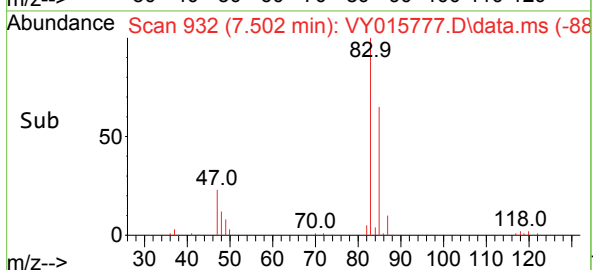
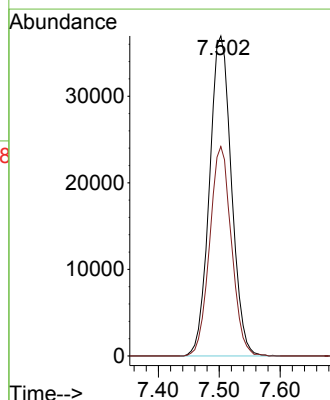
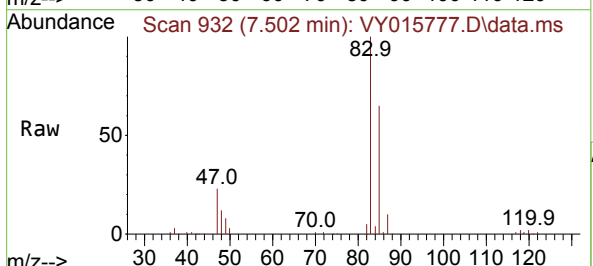
Acq: 02 Oct 2023 15:05

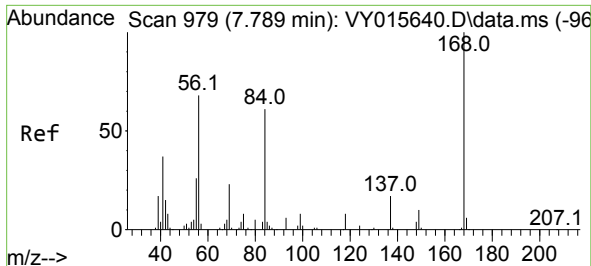
Tgt Ion: 83 Resp: 92625

Ion Ratio Lower Upper

83 100

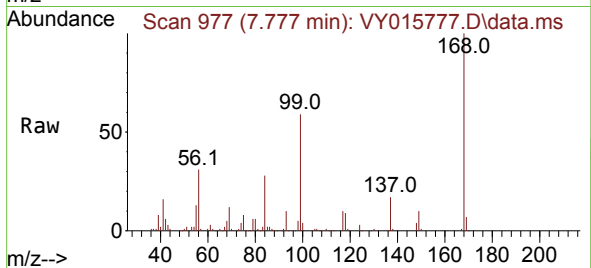
85 65.5 49.7 74.5



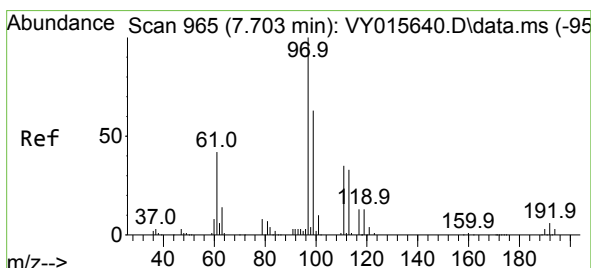
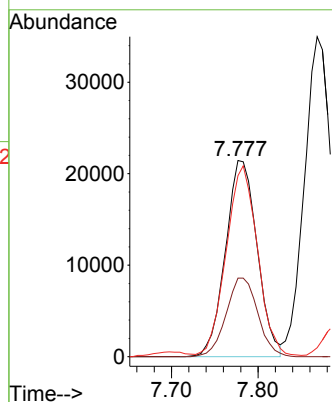
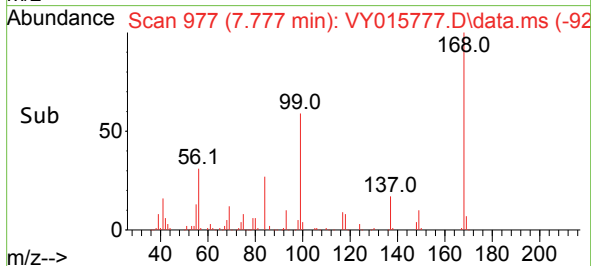


#31
Cyclohexane
Concen: 19.001 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :

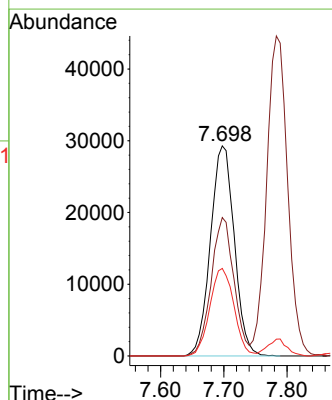
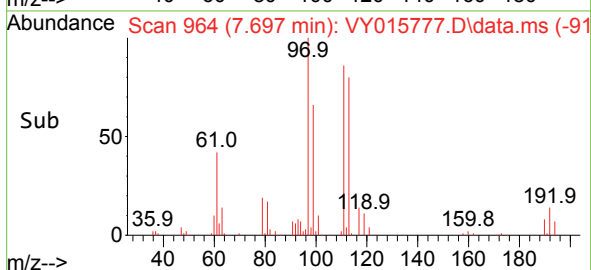
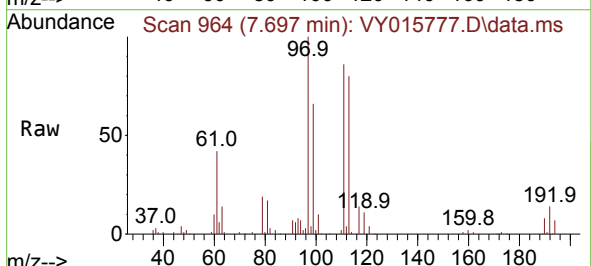


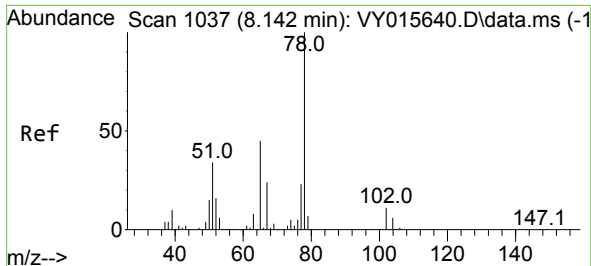
Tgt Ion: 56 Resp: 54486
Ion Ratio Lower Upper
56 100
69 40.1 27.8 41.6
84 89.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.823 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 97 Resp: 76583
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 42.3 35.1 52.7

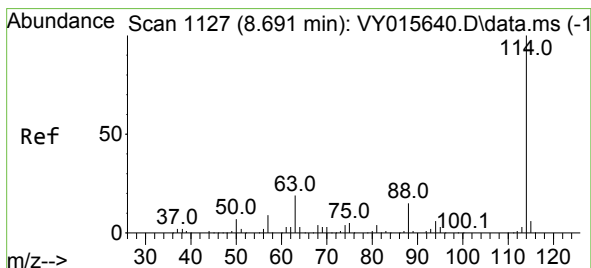
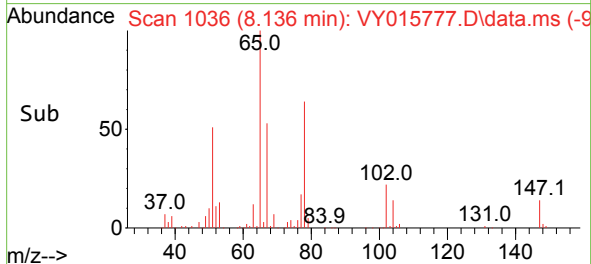
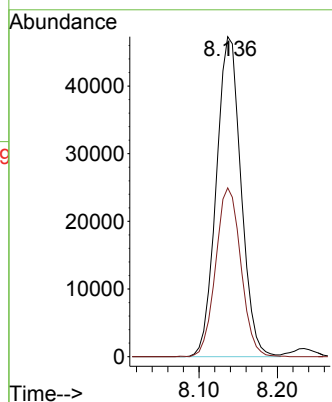
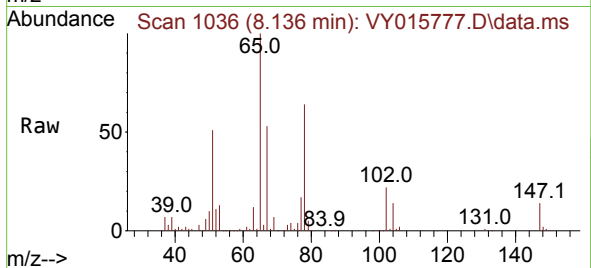




#33
 1,2-Dichloroethane-d4
 Concen: 50.283 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VY015777.D
 Acq: 02 Oct 2023 15:05

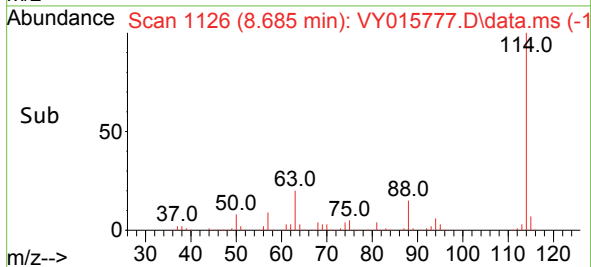
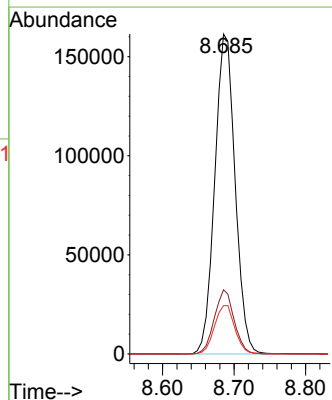
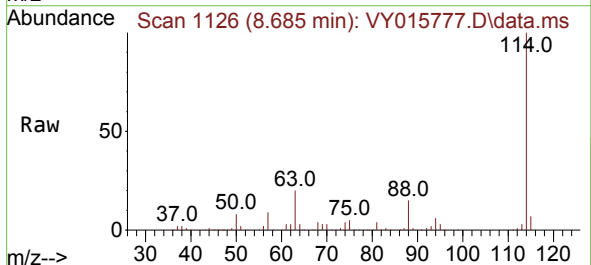
Instrument :
 MSVOA_Y
 ClientSampleId :

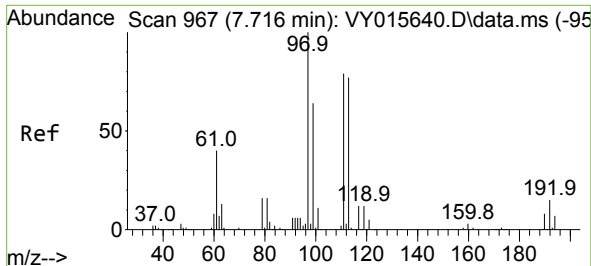
Tgt Ion: 65 Resp: 104086
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015777.D
 Acq: 02 Oct 2023 15:05

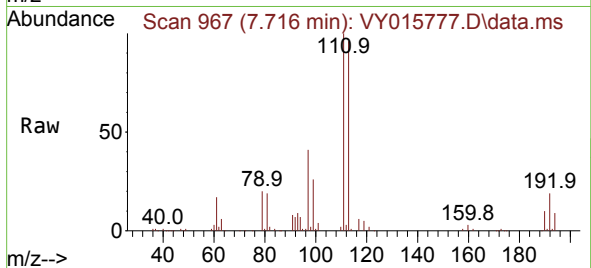
Tgt Ion: 114 Resp: 318411
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.1 0.0 30.6



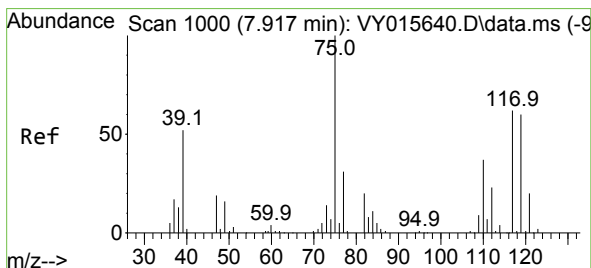
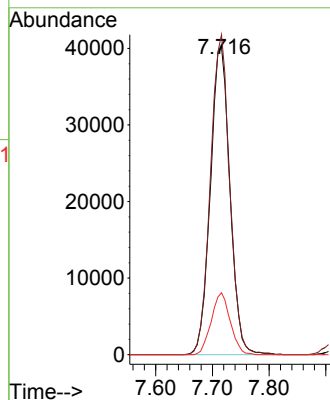
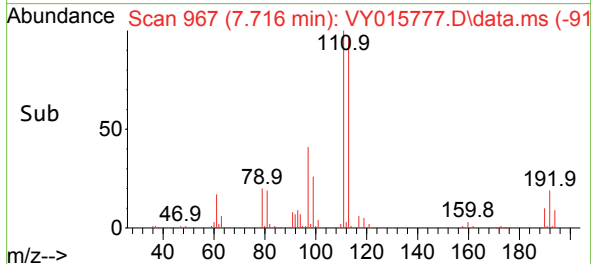


#35
Dibromofluoromethane
Concen: 50.567 ug/l
RT: 7.716 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :

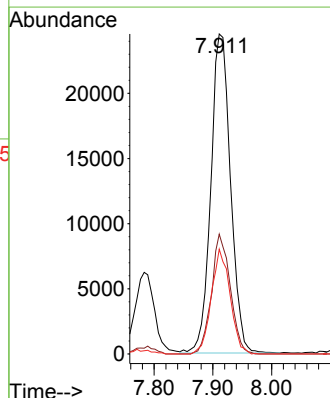
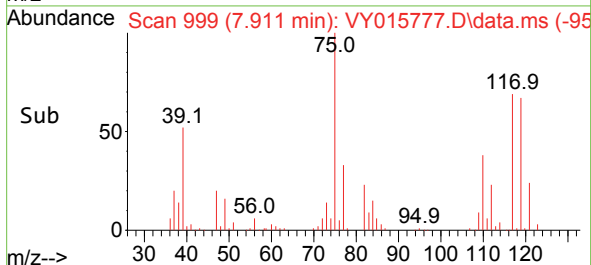
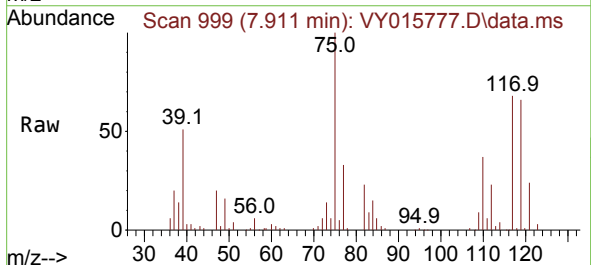


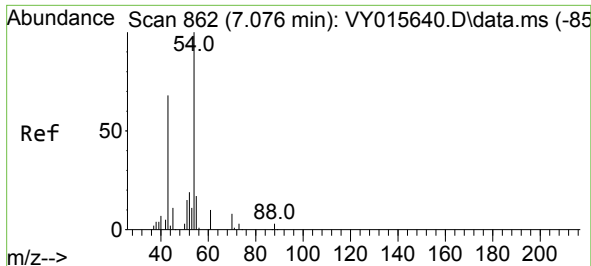
Tgt Ion:113 Resp: 96371
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.287 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 75 Resp: 57166
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 31.2 24.4 36.6

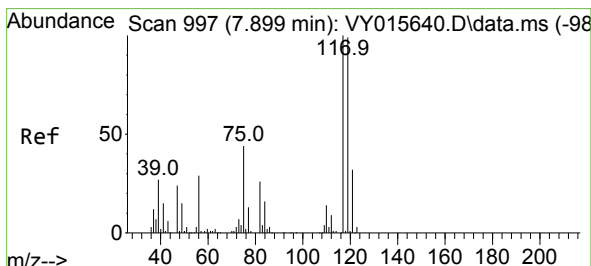
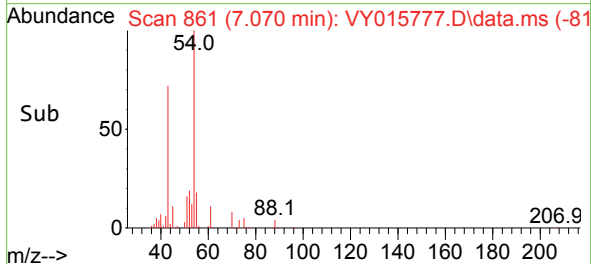
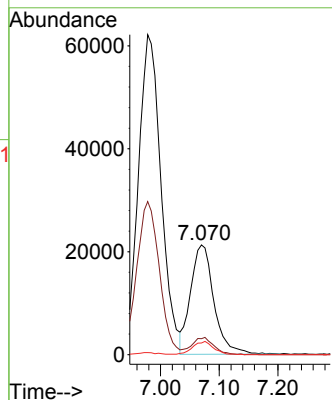
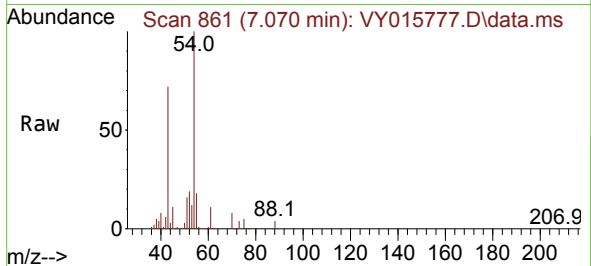




#37
Ethyl Acetate
Concen: 20.890 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

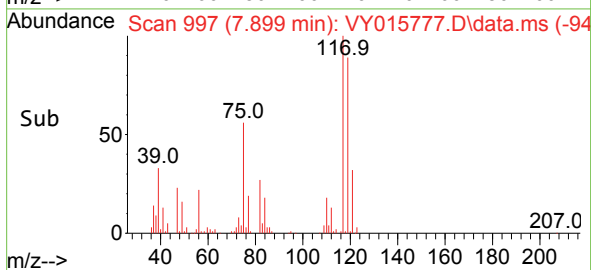
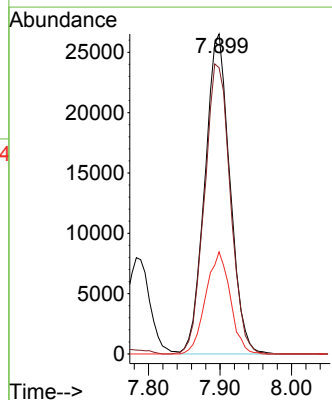
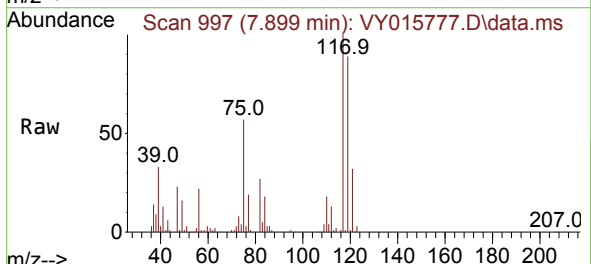
Instrument :
MSVOA_Y
ClientSampleId :

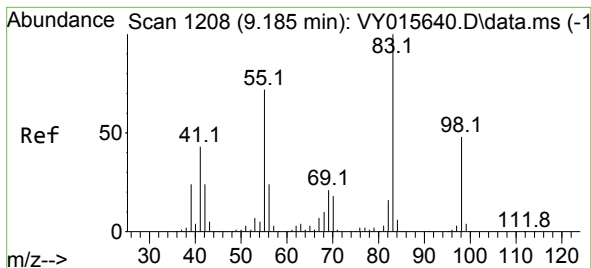
Tgt Ion: 43 Resp: 58716
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 11.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 21.108 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 117 Resp: 64564
Ion Ratio Lower Upper
117 100
119 89.4 76.4 114.6
121 31.9 25.8 38.6





#39

Methylcyclohexane

Concen: 19.542 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

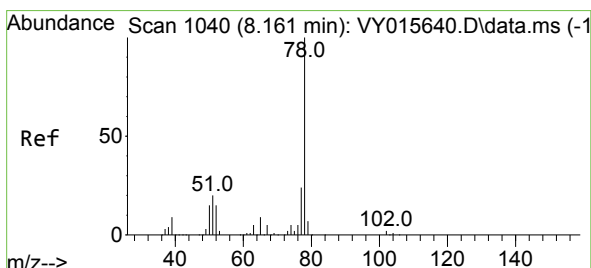
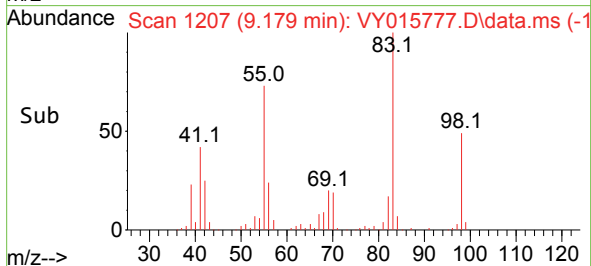
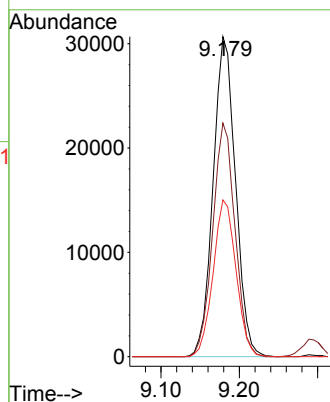
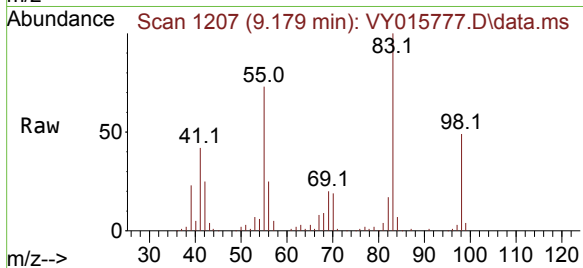
Tgt Ion: 83 Resp: 60906

Ion Ratio Lower Upper

83 100

55 73.0 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 21.044 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015777.D

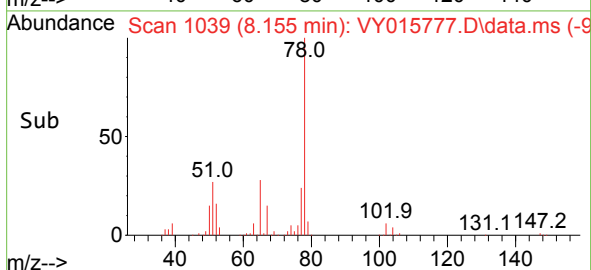
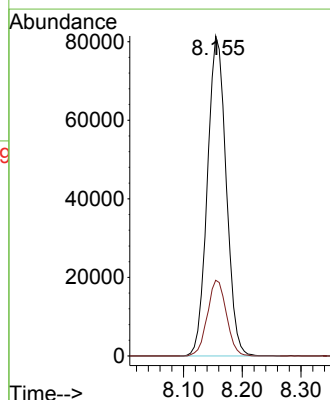
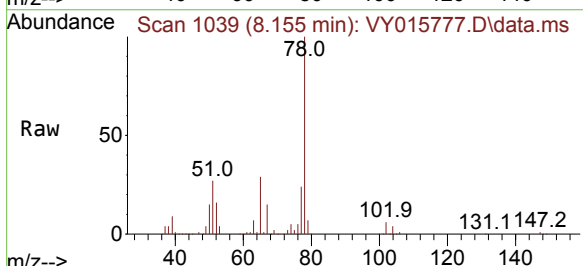
Acq: 02 Oct 2023 15:05

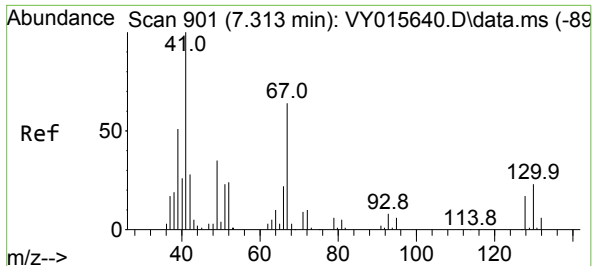
Tgt Ion: 78 Resp: 180835

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

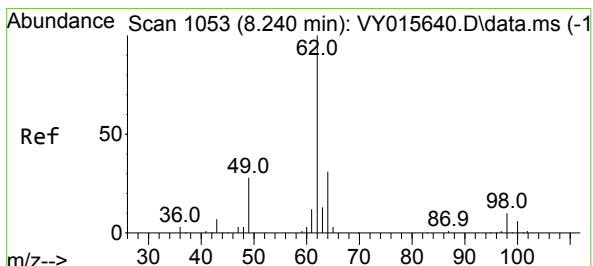
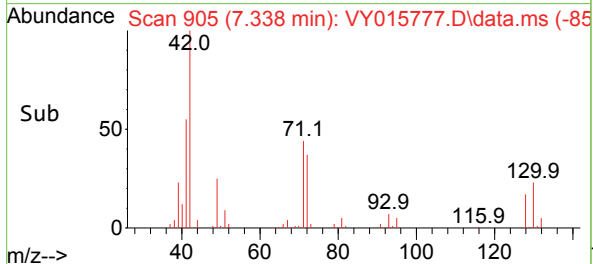
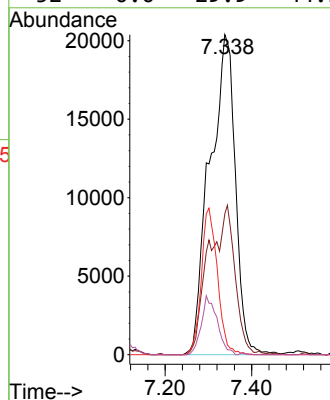
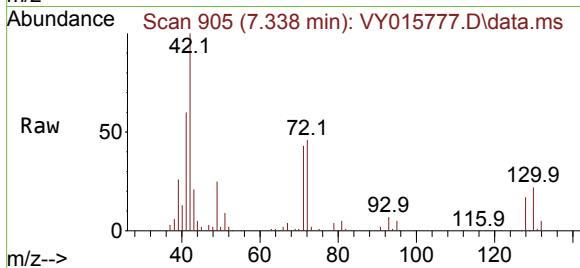




#41
Methacrylonitrile
Concen: 55.192 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

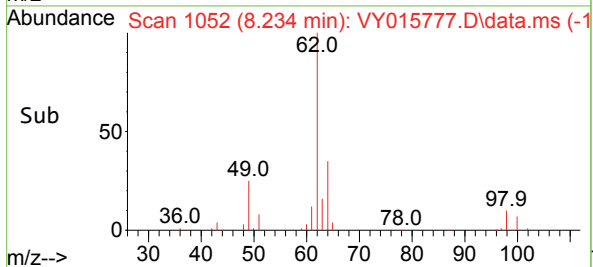
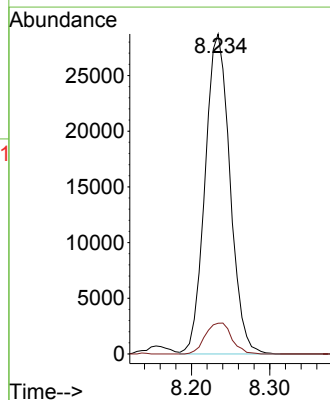
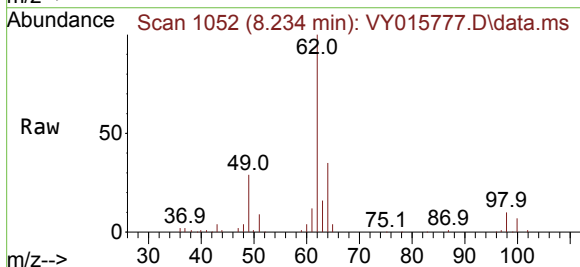
Instrument :
MSVOA_Y
ClientSampleId :

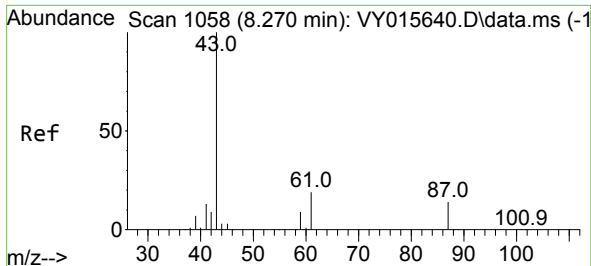
Tgt Ion: 41 Resp: 83527
Ion Ratio Lower Upper
41 100
39 23.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.548 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 62 Resp: 63416
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8

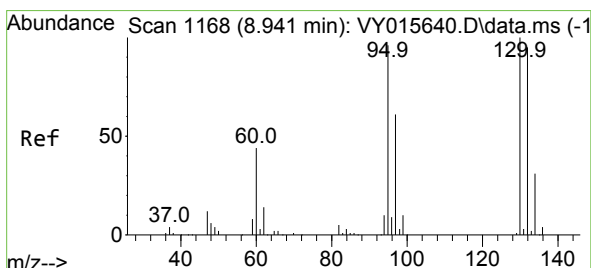
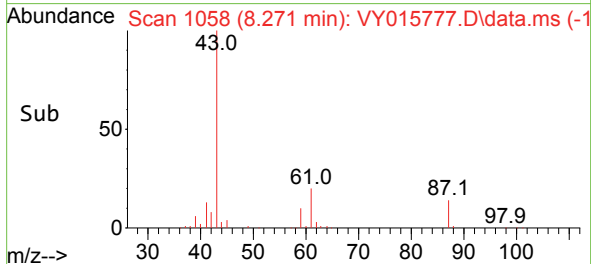
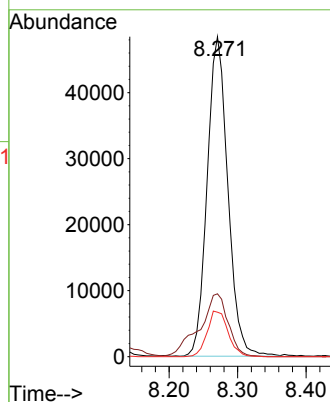
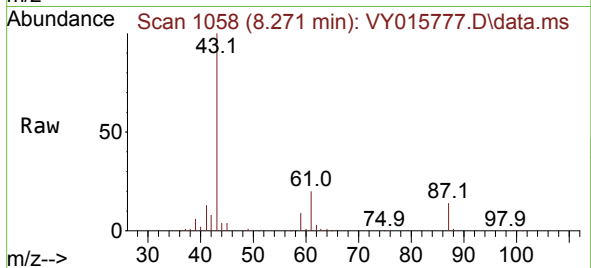




#43
Isopropyl Acetate
Concen: 21.147 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

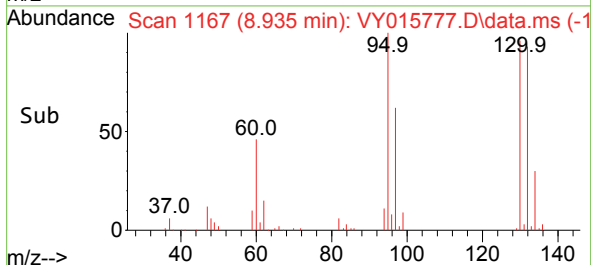
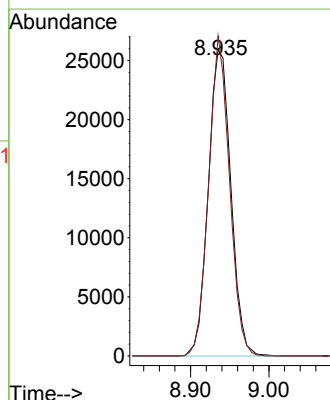
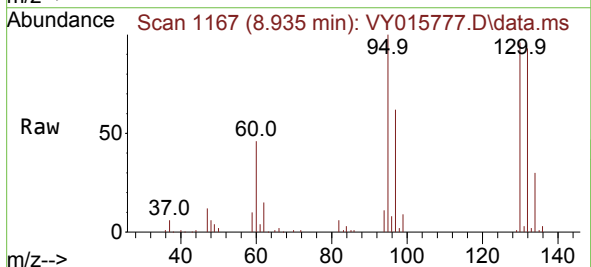
Instrument :
MSVOA_Y
ClientSampleId :

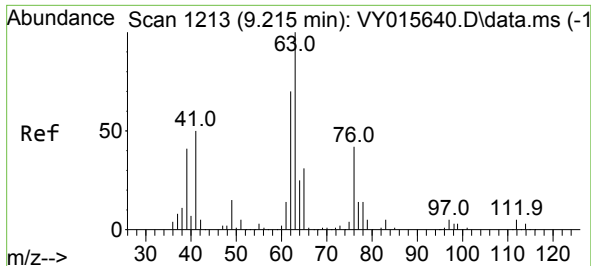
Tgt Ion: 43 Resp: 101532
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 21.591 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 130 Resp: 51820
Ion Ratio Lower Upper
130 100
95 104.4 0.0 196.0

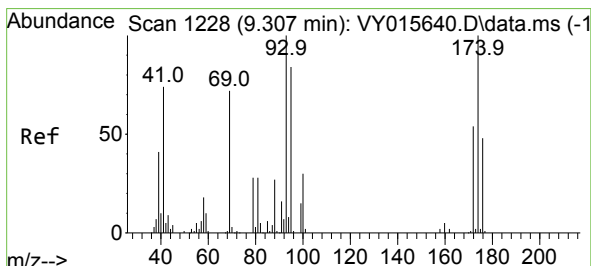
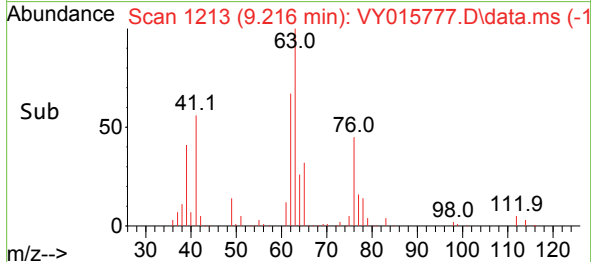
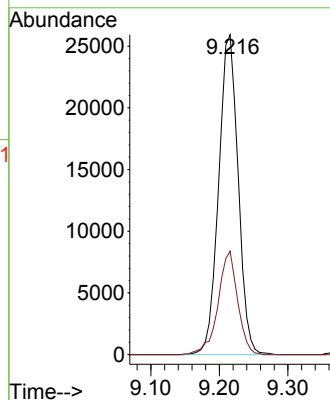
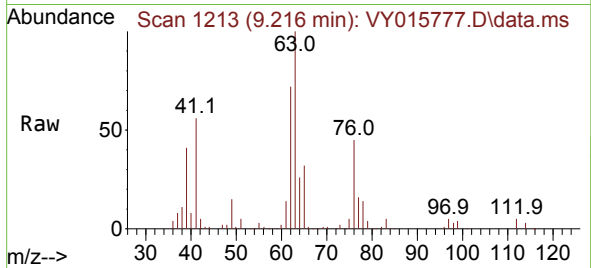




#45
1,2-Dichloropropane
Concen: 21.305 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

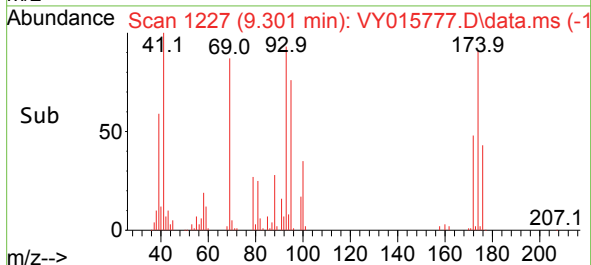
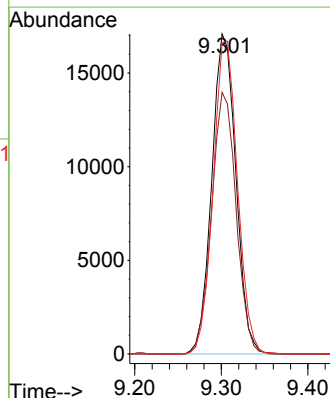
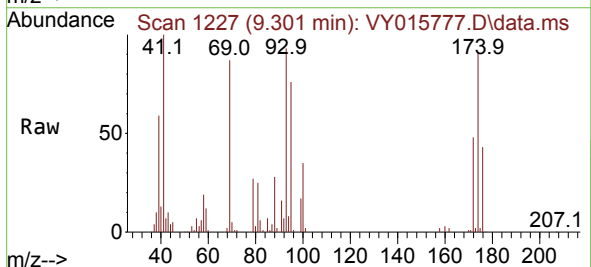
Instrument :
MSVOA_Y
ClientSampleId :

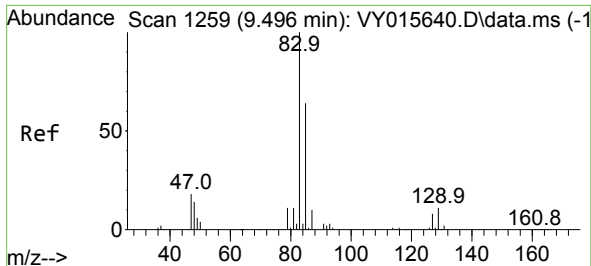
Tgt Ion: 63 Resp: 51055
Ion Ratio Lower Upper
63 100
65 32.3 23.8 35.6



#46
Dibromomethane
Concen: 21.577 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 93 Resp: 33076
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 98.9 84.8 127.2

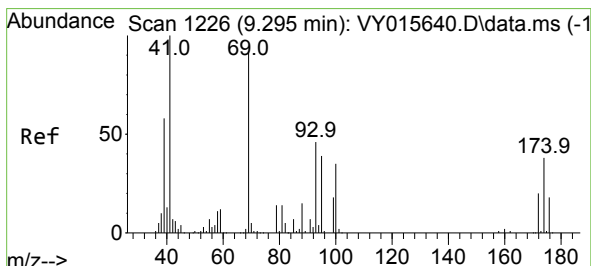
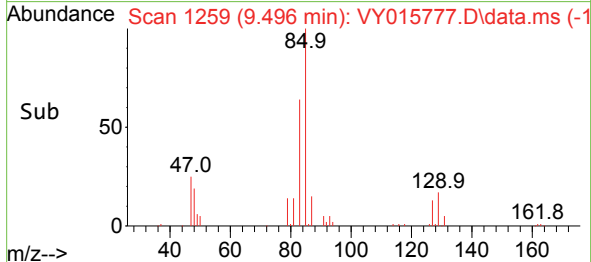
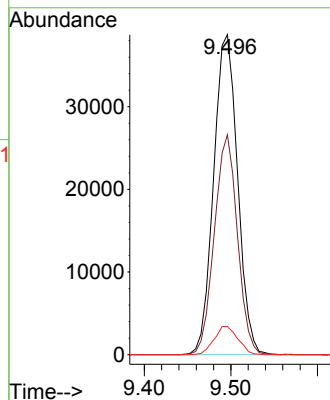
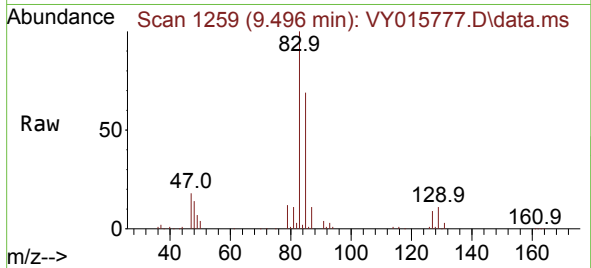




#47
Bromodichloromethane
Concen: 21.762 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

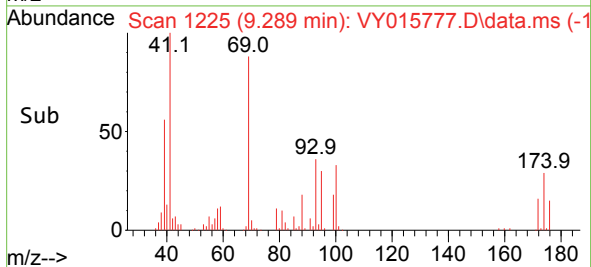
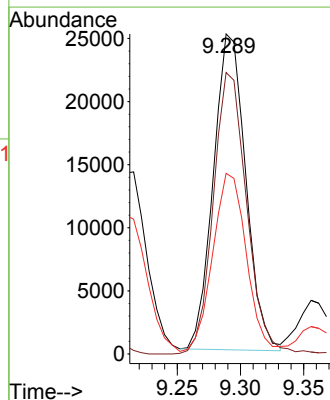
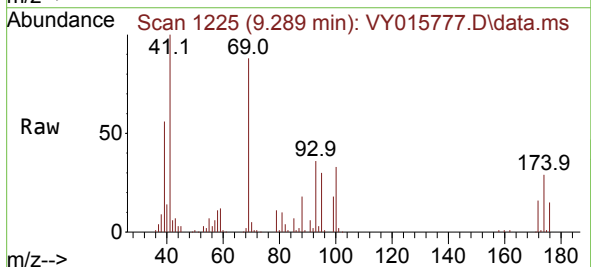
Instrument :
MSVOA_Y
ClientSampleId :

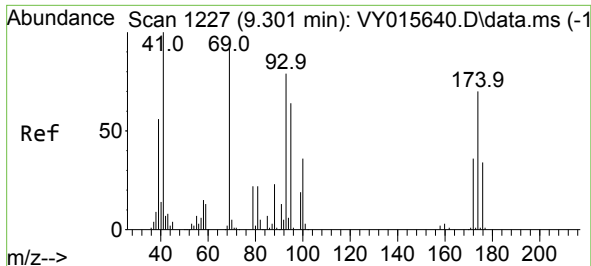
Tgt Ion: 83 Resp: 74356
Ion Ratio Lower Upper
83 100
85 68.7 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 21.151 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

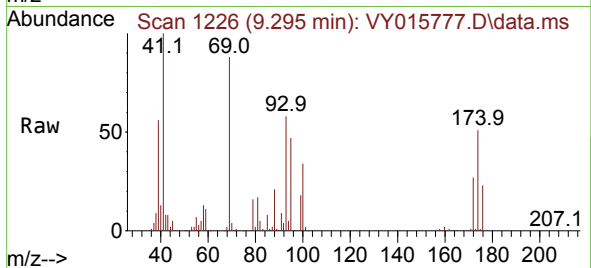
Tgt Ion: 41 Resp: 44574
Ion Ratio Lower Upper
41 100
69 91.9 64.5 96.7
39 60.2 50.8 76.2



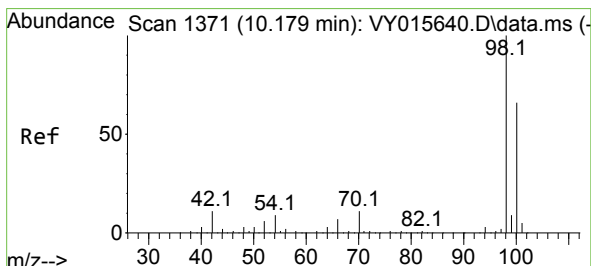
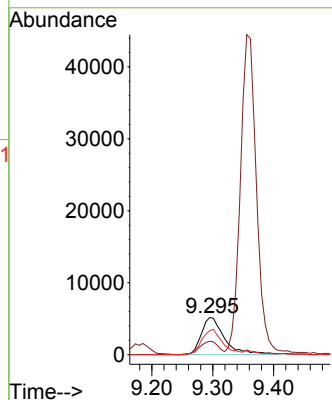
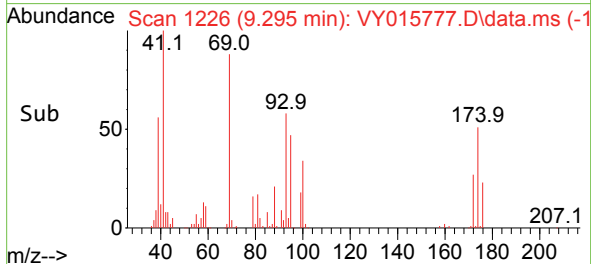


#49
1,4-Dioxane
Concen: 458.231 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :

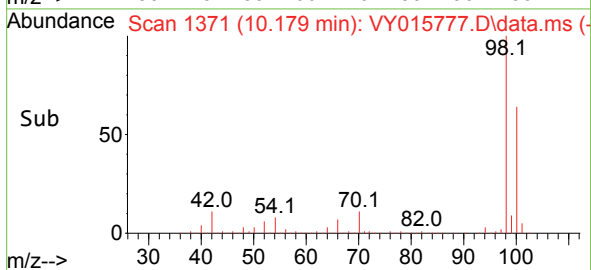
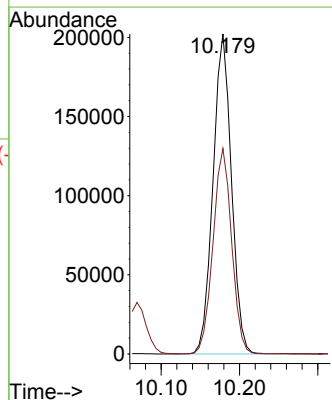
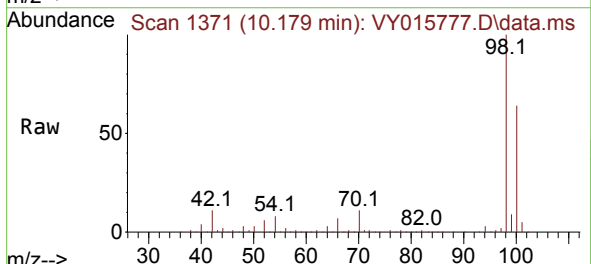


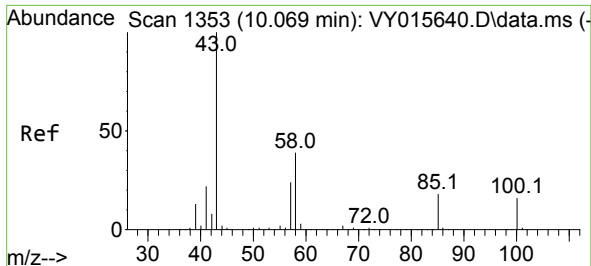
Tgt Ion: 88 Resp: 13877
Ion Ratio Lower Upper
88 100
43 28.8 0.0 0.0#
58 60.6 30.9 46.3#



#50
Toluene-d8
Concen: 51.112 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 98 Resp: 330279
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 108.218 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

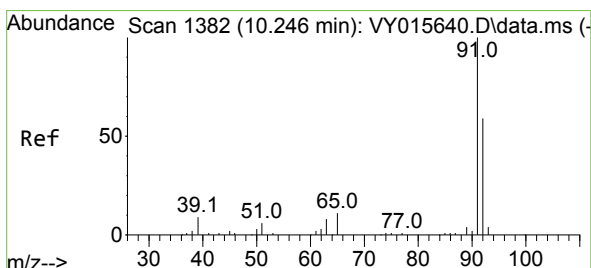
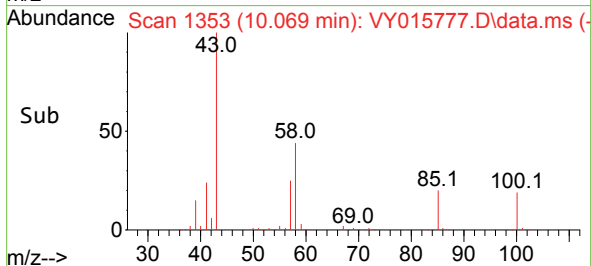
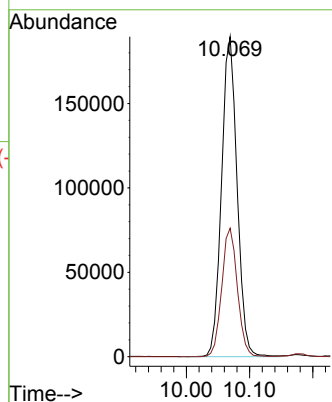
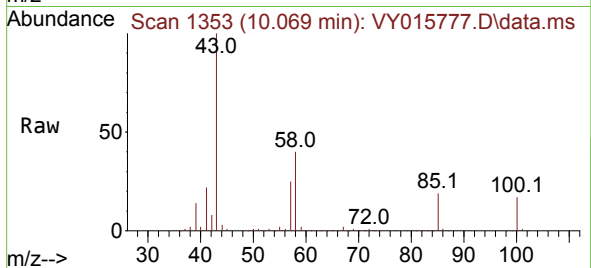
ClientSampleId :

Tgt Ion: 43 Resp: 322043

Ion Ratio Lower Upper

43 100

58 40.4 29.0 43.6



#52

Toluene

Concen: 21.285 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY015777.D

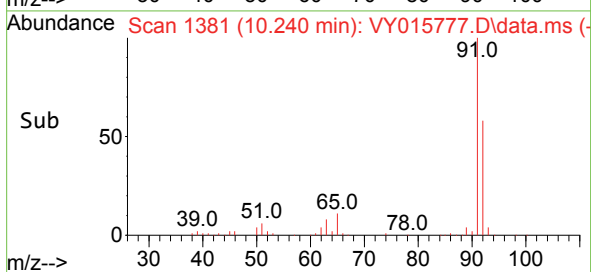
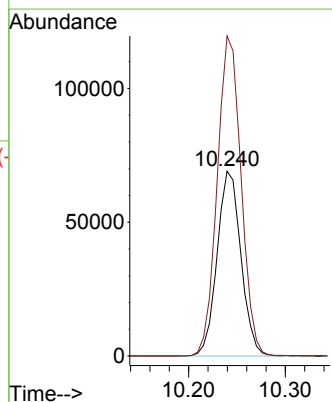
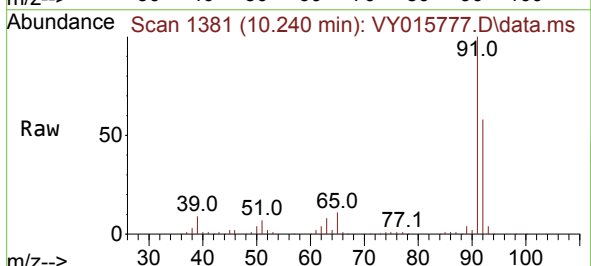
Acq: 02 Oct 2023 15:05

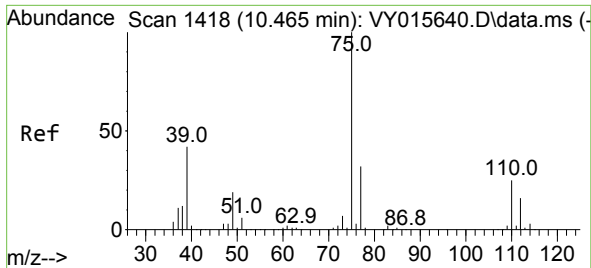
Tgt Ion: 92 Resp: 117921

Ion Ratio Lower Upper

92 100

91 174.1 143.8 215.6

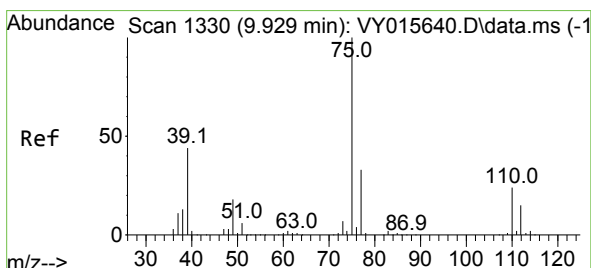
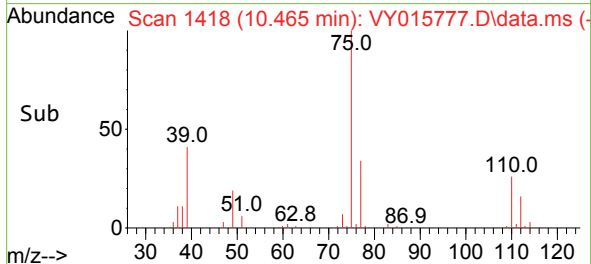
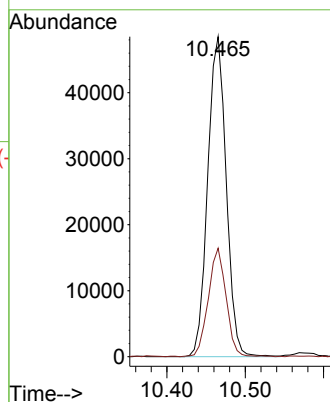
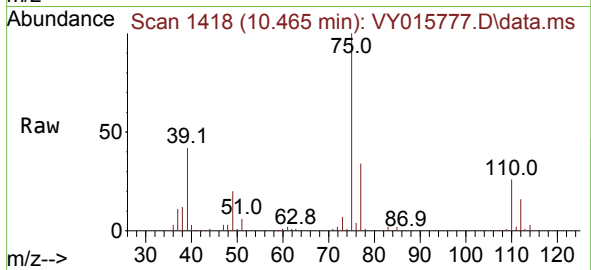




#53
 t-1,3-Dichloropropene
 Concen: 21.718 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015777.D
 Acq: 02 Oct 2023 15:05

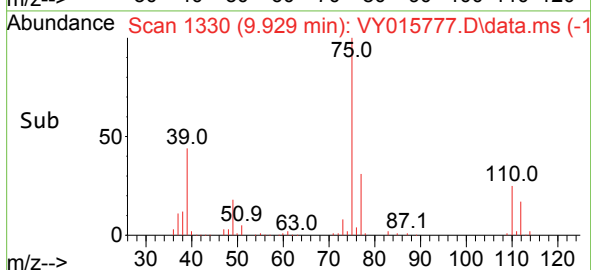
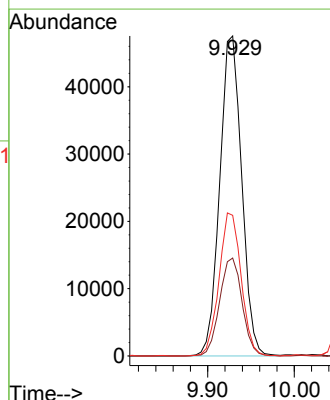
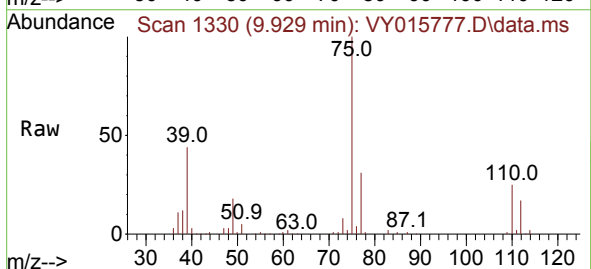
Instrument :
 MSVOA_Y
 ClientSampleId :

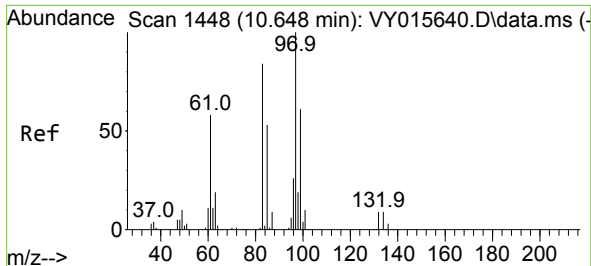
Tgt Ion: 75 Resp: 79577
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.218 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015777.D
 Acq: 02 Oct 2023 15:05

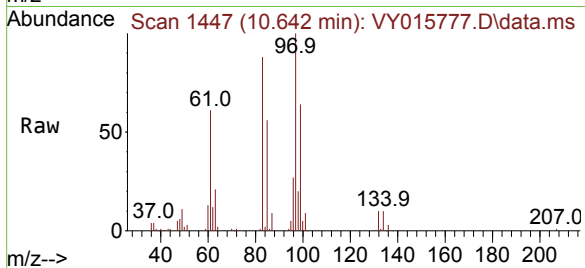
Tgt Ion: 75 Resp: 83684
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.2 36.4
 39 44.0 42.2 63.4



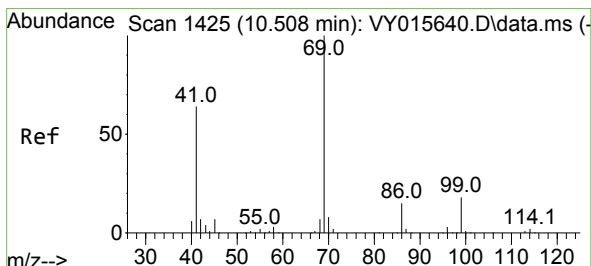
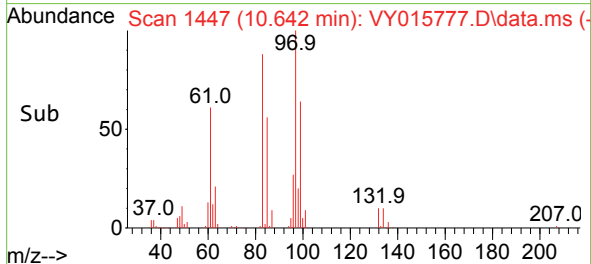
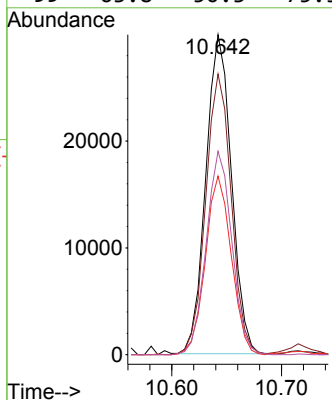


#55
1,1,2-Trichloroethane
Concen: 21.626 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :

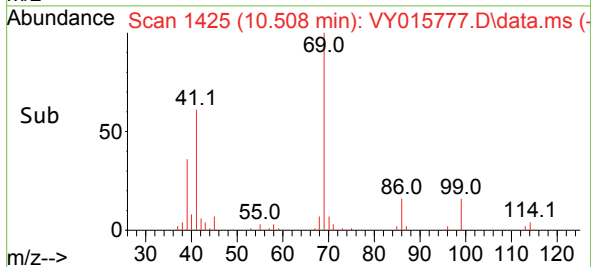
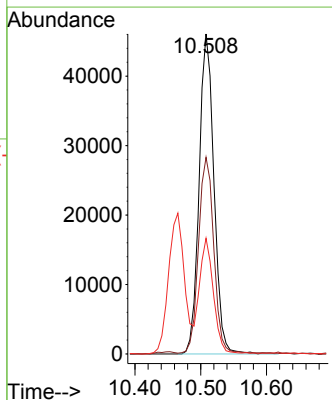
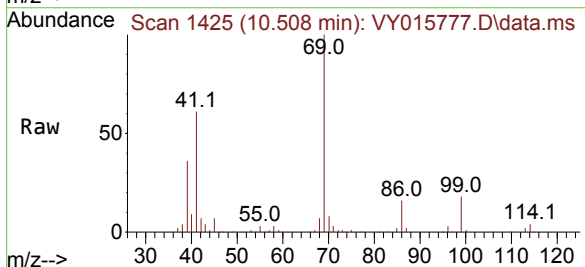


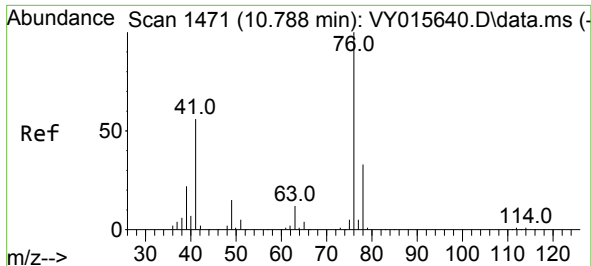
Tgt Ion:	97	Resp:	48581
Ion	Ratio	Lower	Upper
97	100		
83	87.6	72.0	108.0
85	55.8	45.4	68.0
99	63.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 21.896 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion:	69	Resp:	72487
Ion	Ratio	Lower	Upper
69	100		
41	63.5	57.6	86.4
39	33.0	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 21.830 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

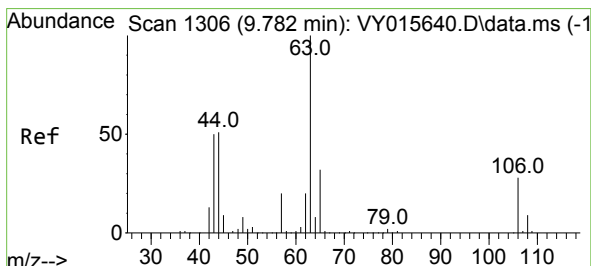
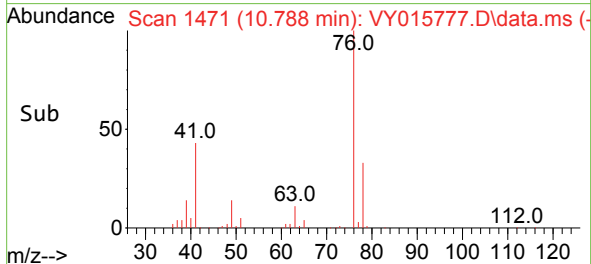
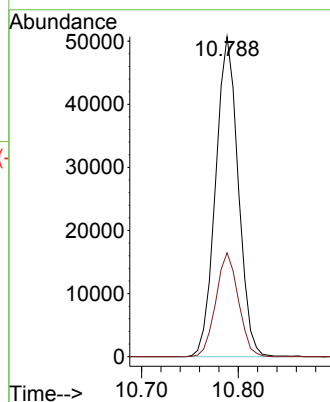
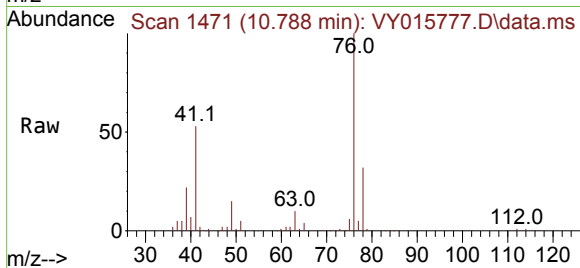
ClientSampleId :

Tgt Ion: 76 Resp: 82237

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 66.967 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY015777.D

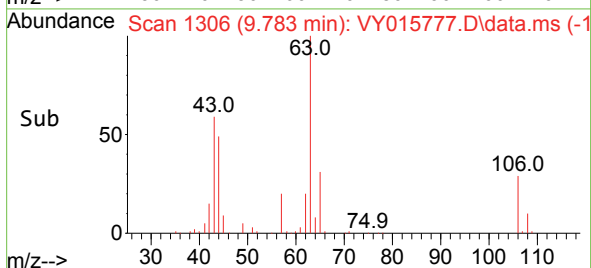
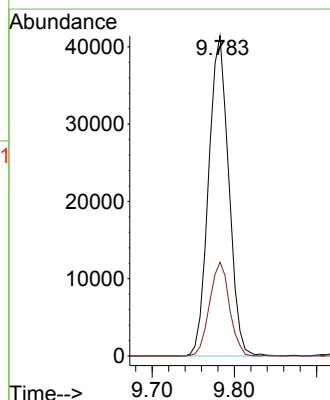
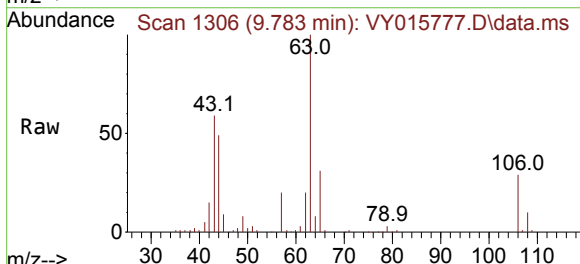
Acq: 02 Oct 2023 15:05

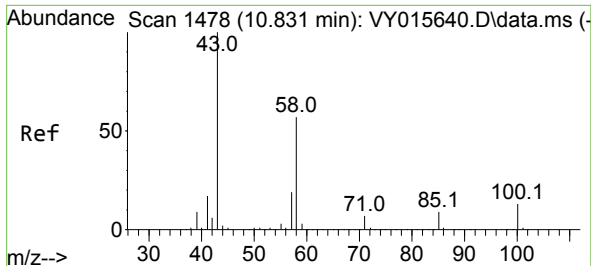
Tgt Ion: 63 Resp: 70421

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8

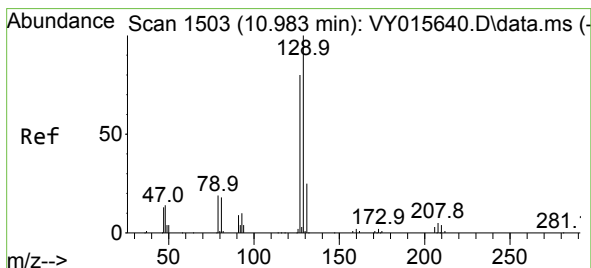
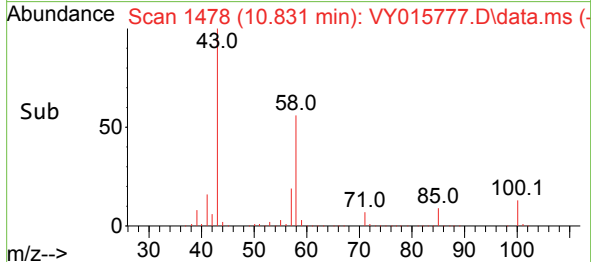
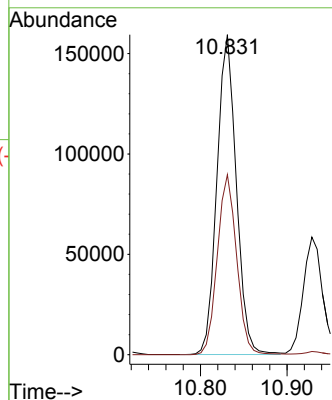
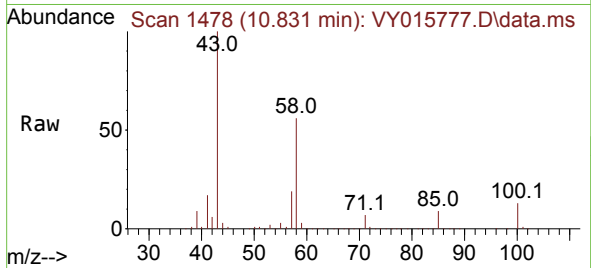




#59
2-Hexanone
Concen: 108.290 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

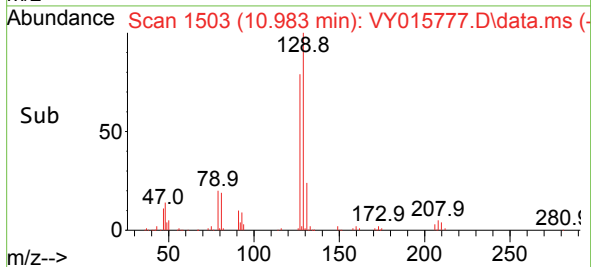
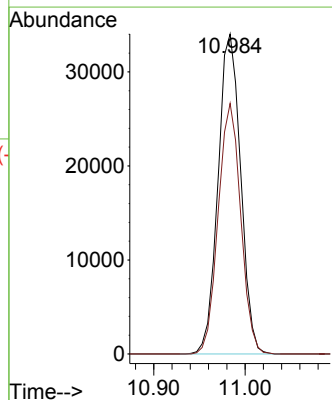
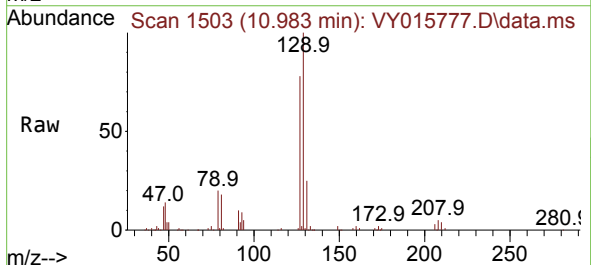
Instrument :
MSVOA_Y
ClientSampleId :

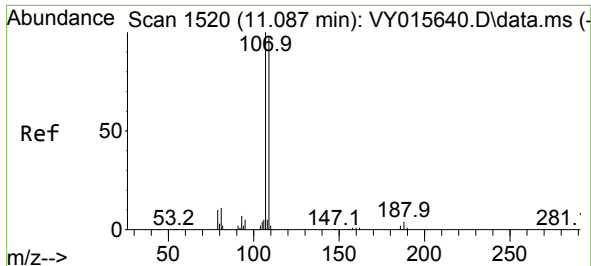
Tgt Ion: 43 Resp: 247241
Ion Ratio Lower Upper
43 100
58 56.3 25.1 75.3



#60
Dibromochloromethane
Concen: 22.282 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 129 Resp: 58432
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

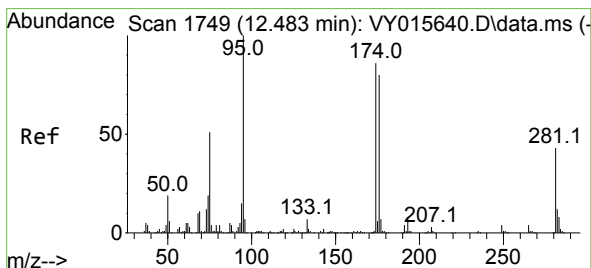
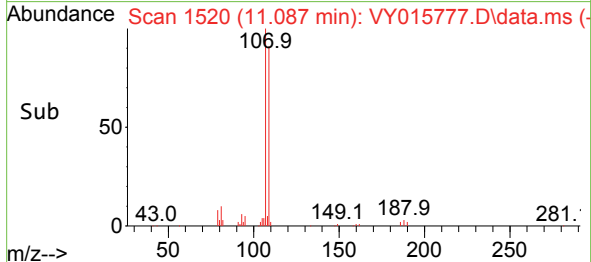
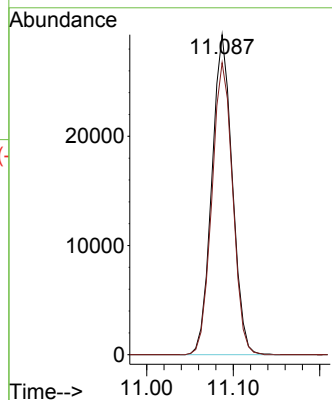
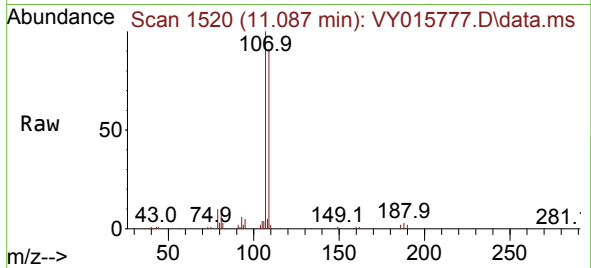




#61
1,2-Dibromoethane
Concen: 21.918 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

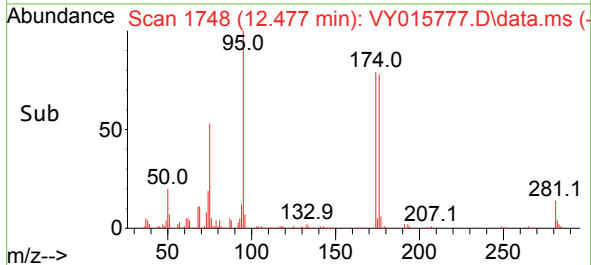
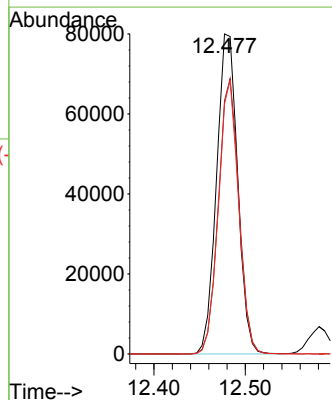
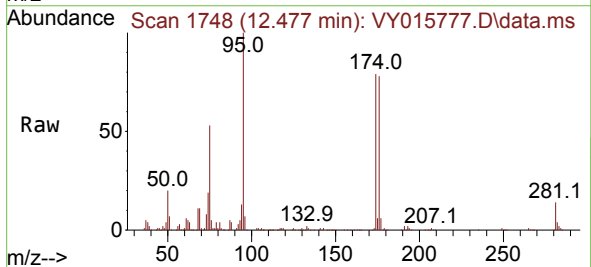
Instrument :
MSVOA_Y
ClientSampleId :

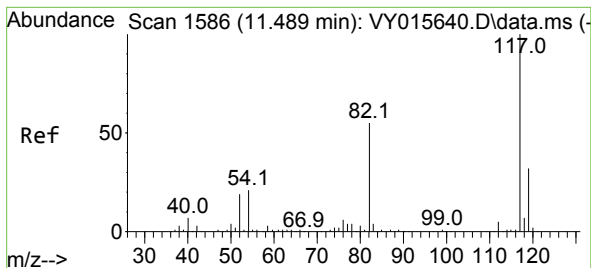
Tgt Ion:107 Resp: 48170
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.633 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 95 Resp: 128398
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

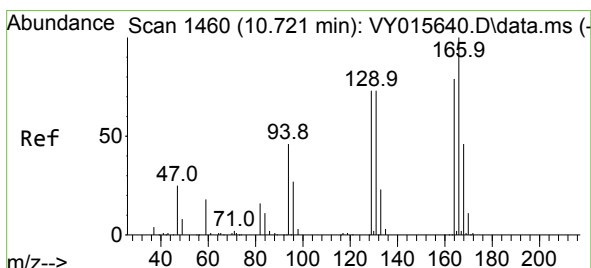
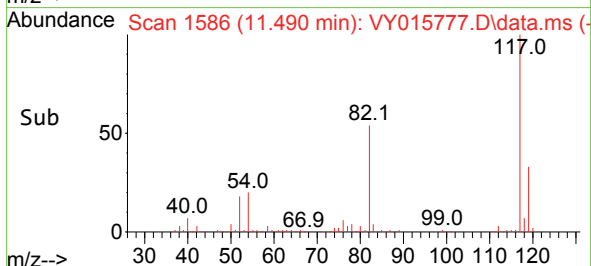
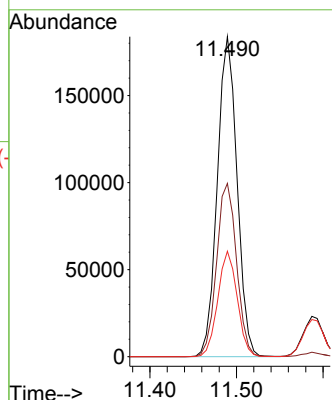
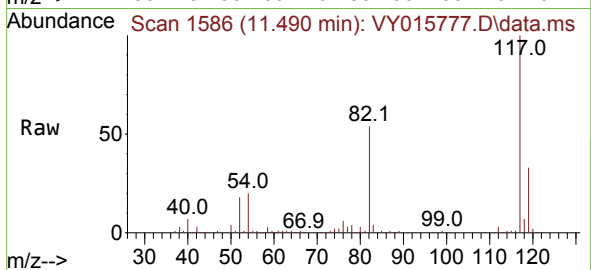
Tgt Ion:117 Resp: 291043

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.9 26.3 39.5



#64

Tetrachloroethene

Concen: 23.098 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Tgt Ion:164 Resp: 57677

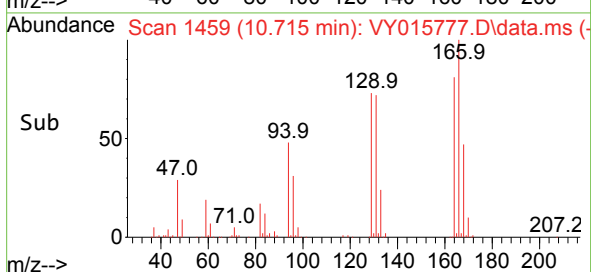
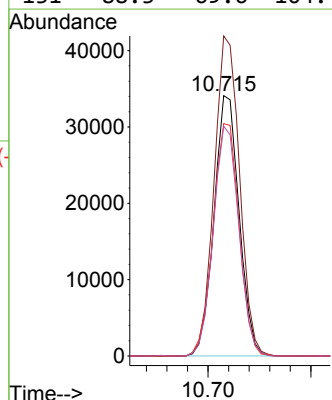
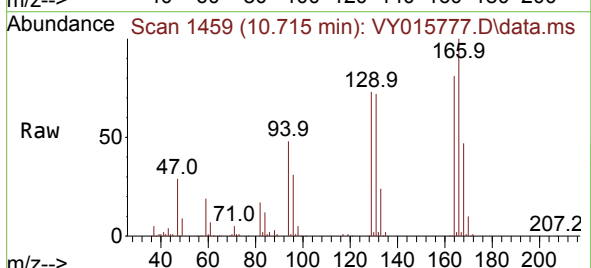
Ion Ratio Lower Upper

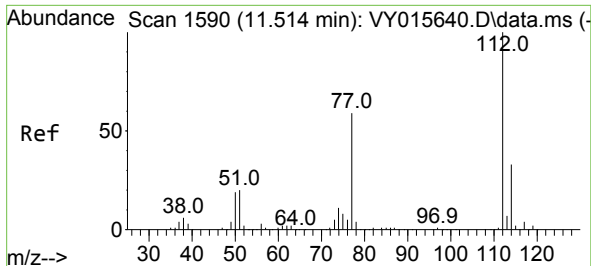
164 100

166 122.9 103.0 154.6

129 89.2 77.2 115.8

131 88.3 69.6 104.4

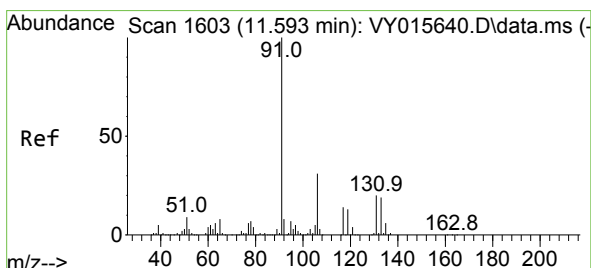
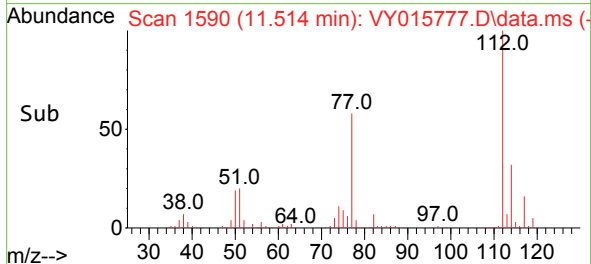
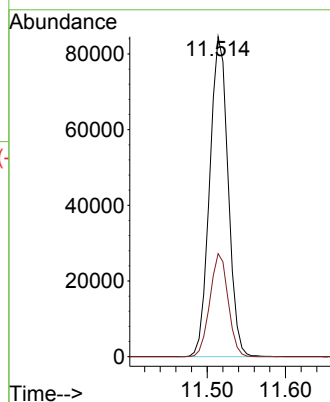
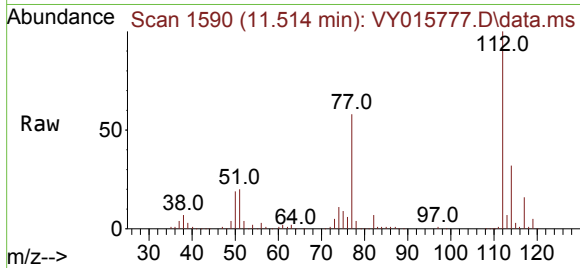




#65
Chlorobenzene
Concen: 21.727 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

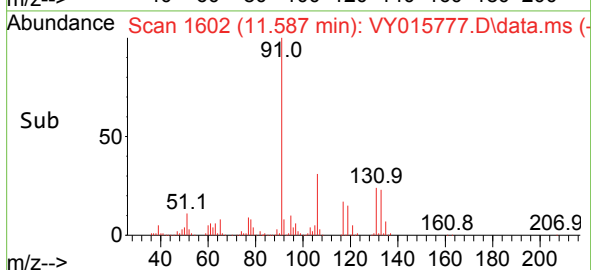
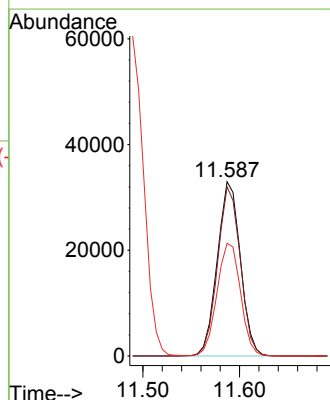
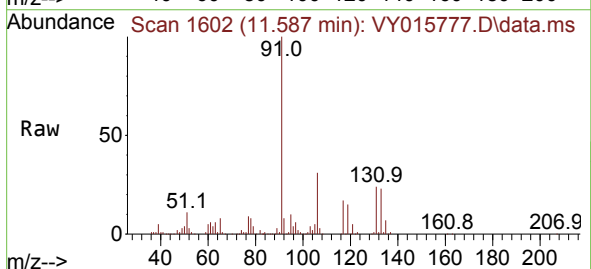
Instrument :
MSVOA_Y
ClientSampleId :

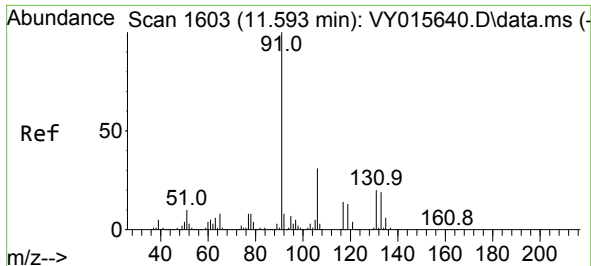
Tgt Ion:112 Resp: 138032
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.142 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion:131 Resp: 54640
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 66.1 31.6 94.7





#67

Ethyl Benzene

Concen: 21.229 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

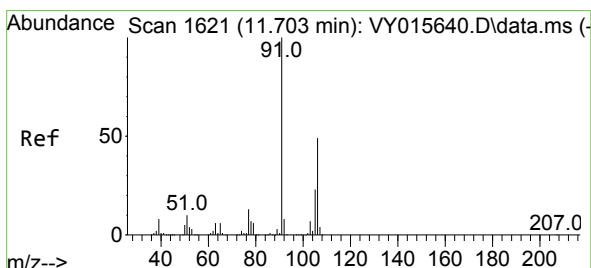
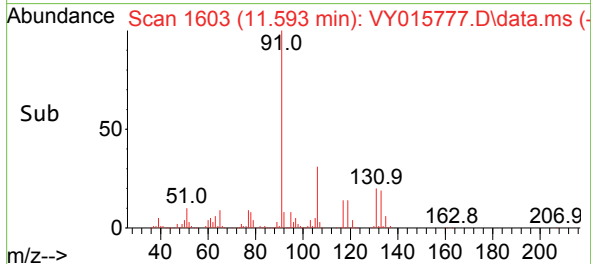
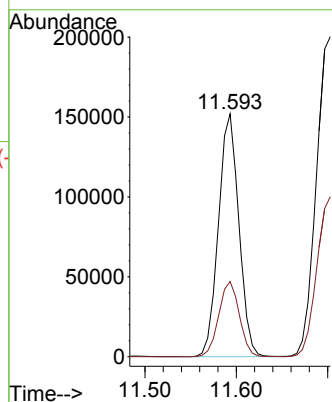
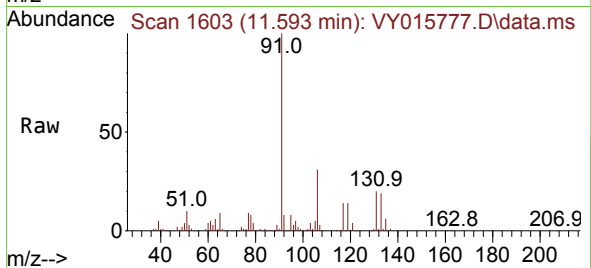
ClientSampleId :

Tgt Ion: 91 Resp: 235732

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 42.901 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015777.D

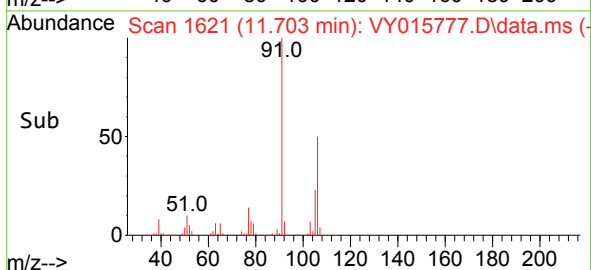
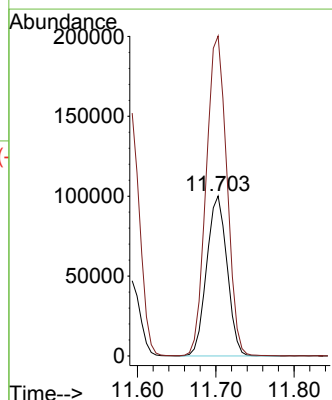
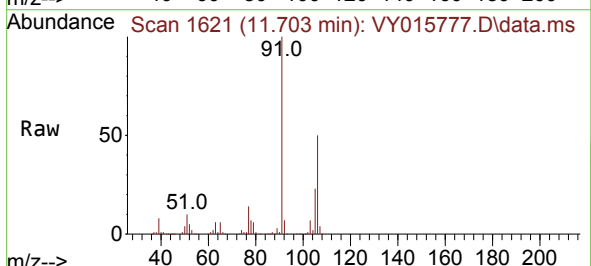
Acq: 02 Oct 2023 15:05

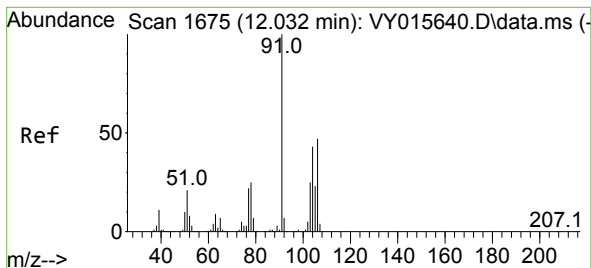
Tgt Ion:106 Resp: 181064

Ion Ratio Lower Upper

106 100

91 202.7 166.1 249.1

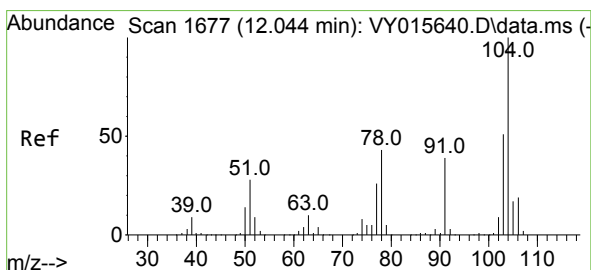
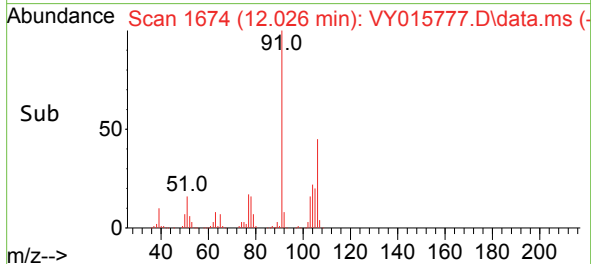
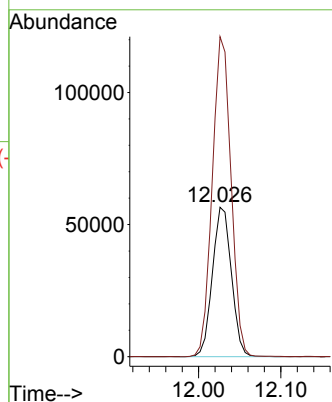
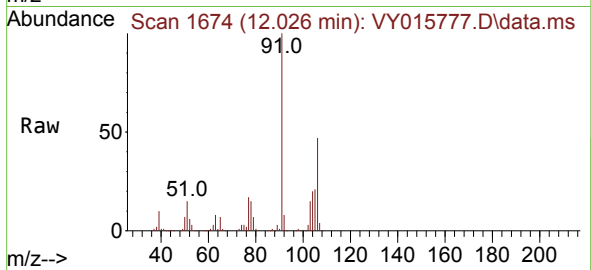




#69
o-Xylene
Concen: 21.942 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

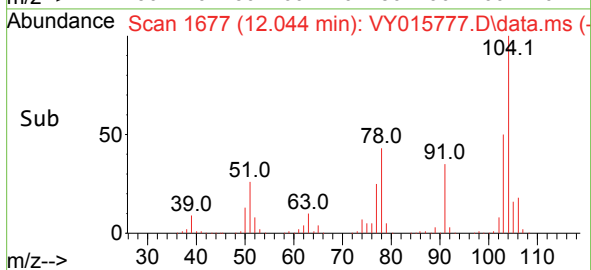
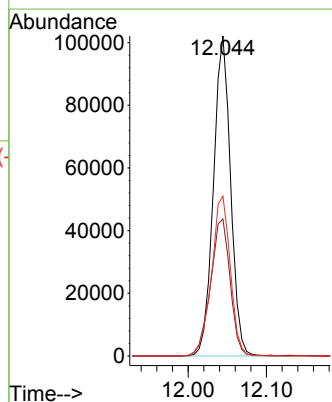
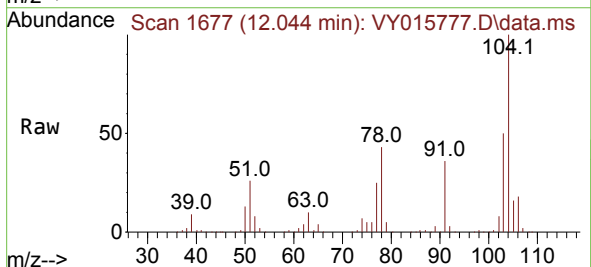
Instrument :
MSVOA_Y
ClientSampleId :

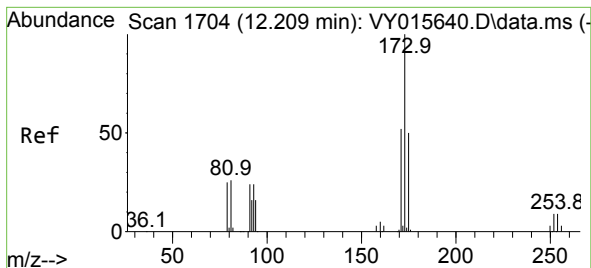
Tgt Ion:106 Resp: 90807
Ion Ratio Lower Upper
106 100
91 211.4 108.1 324.3



#70
Styrene
Concen: 21.948 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion:104 Resp: 155482
Ion Ratio Lower Upper
104 100
78 48.8 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 22.176 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015777.D

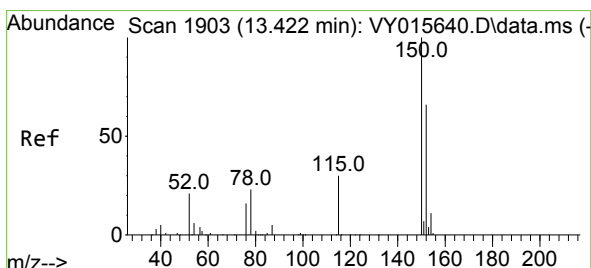
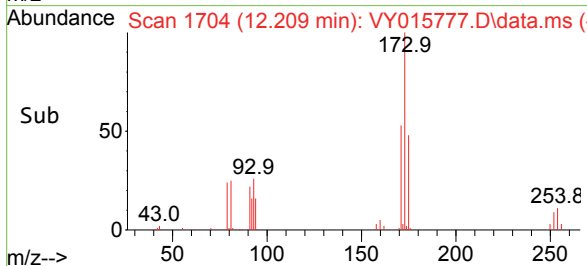
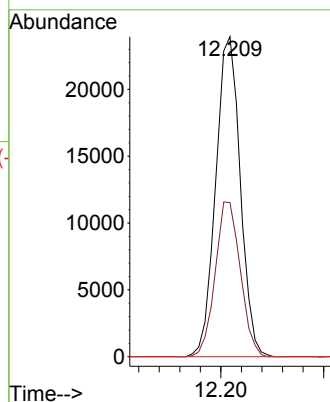
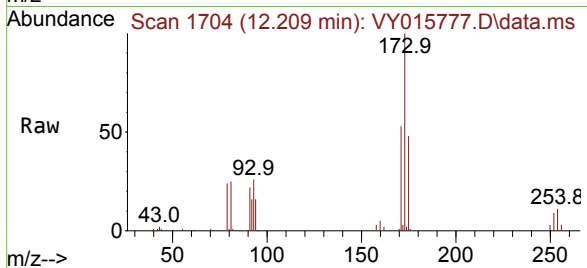
Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	39656
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

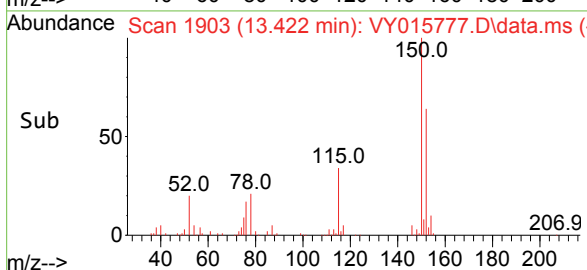
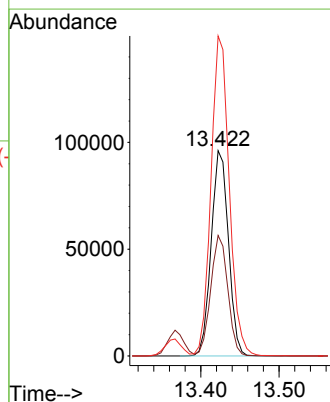
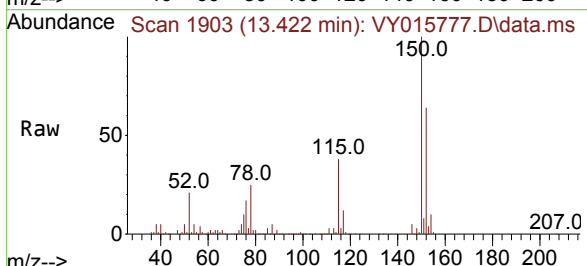
RT: 13.422 min Scan# 1903

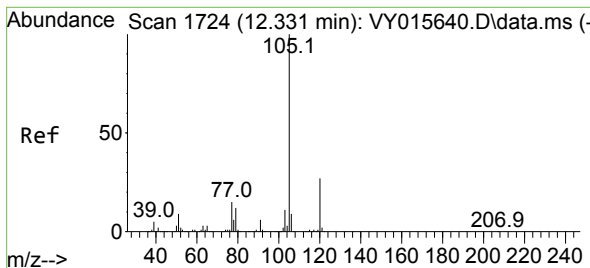
Delta R.T. 0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Tgt Ion:152	Resp:	146747
Ion Ratio	Lower	Upper
152	100	
115	58.2	28.8 86.5
150	164.8	0.0 348.8





#73

Isopropylbenzene

Concen: 21.676 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

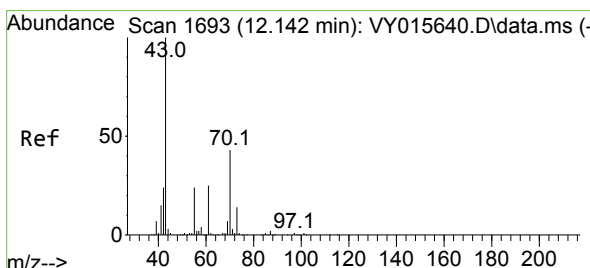
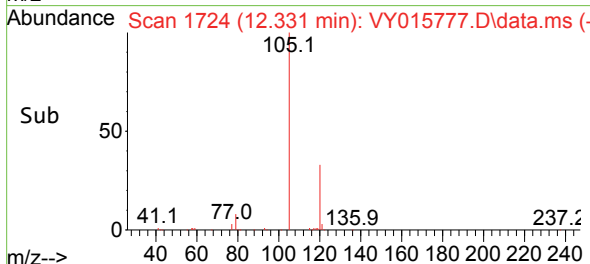
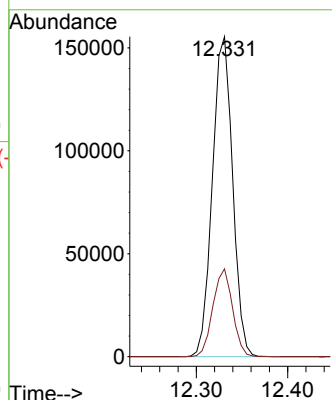
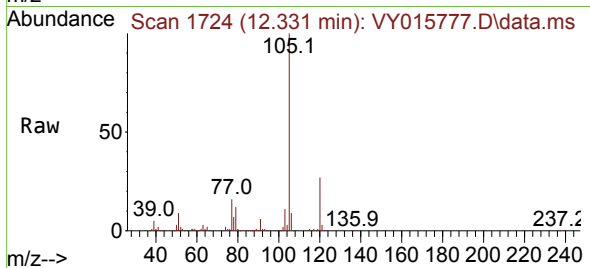
ClientSampleId :

Tgt Ion:105 Resp: 238625

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 21.629 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Tgt Ion: 43 Resp: 89492

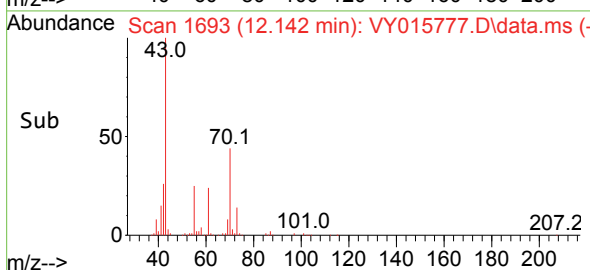
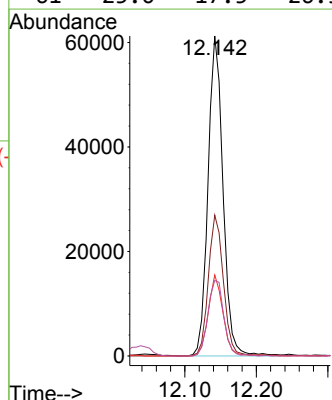
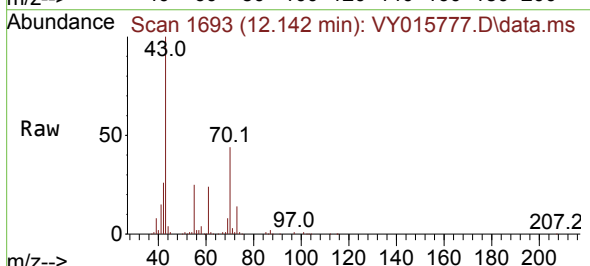
Ion Ratio Lower Upper

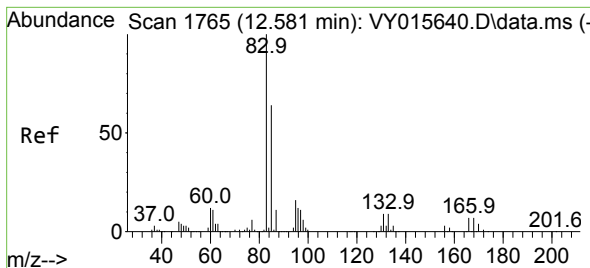
43 100

70 44.1 29.7 44.5

55 24.7 18.3 27.5

61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.554 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

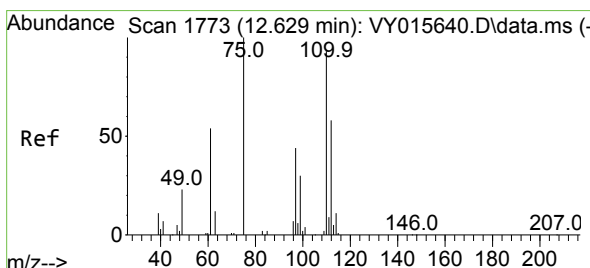
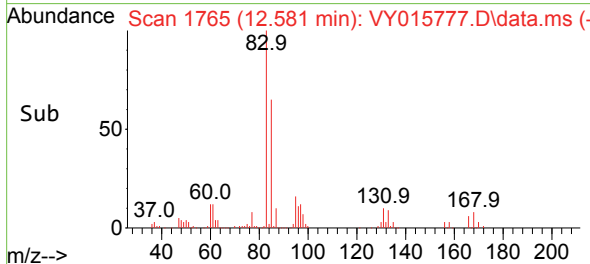
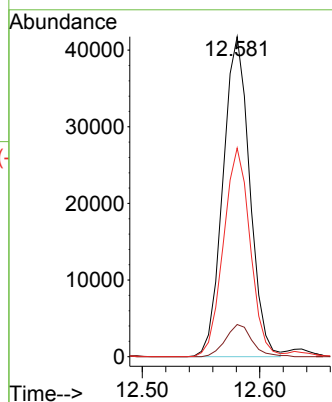
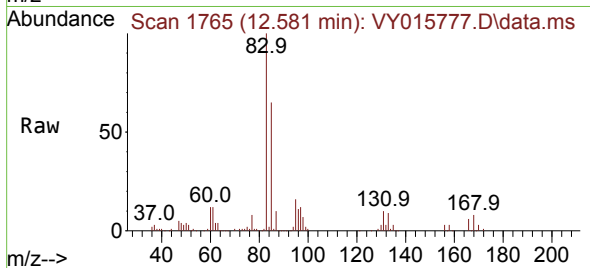
Tgt Ion: 83 Resp: 66038

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.445 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY015777.D

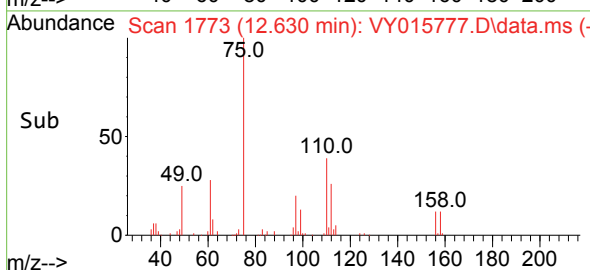
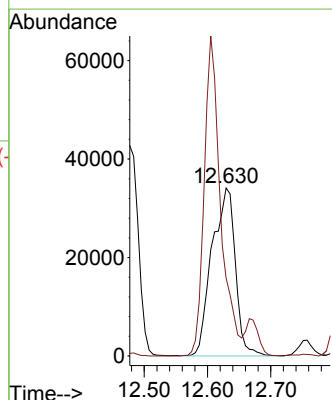
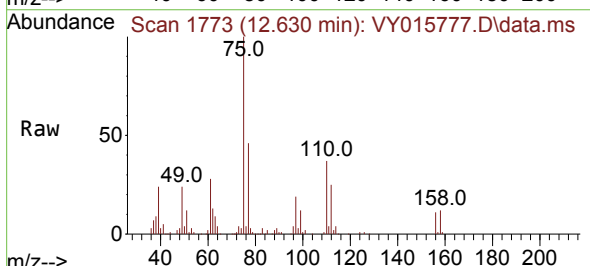
Acq: 02 Oct 2023 15:05

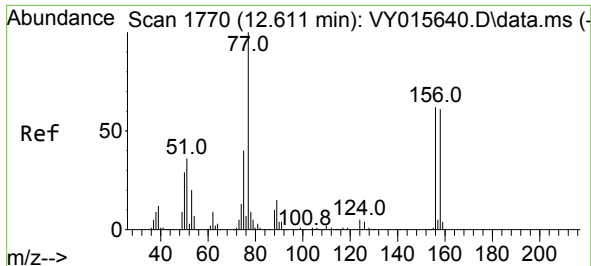
Tgt Ion: 75 Resp: 87662

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

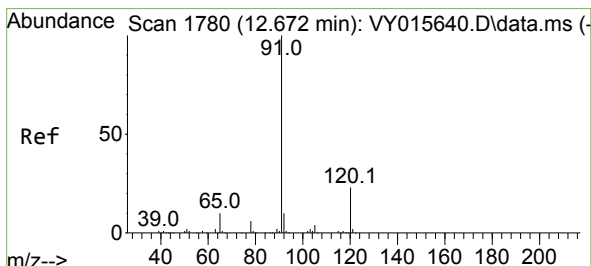
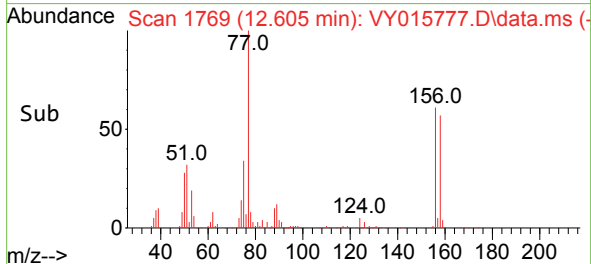
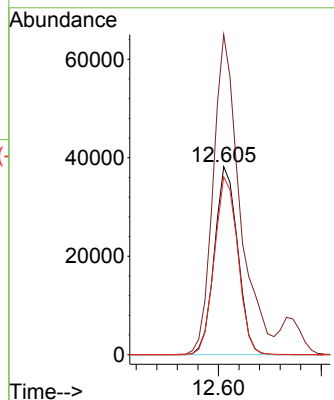
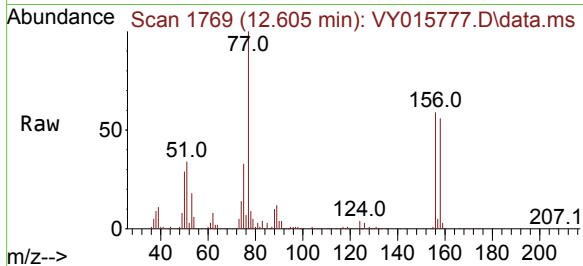




#77
Bromobenzene
Concen: 22.170 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

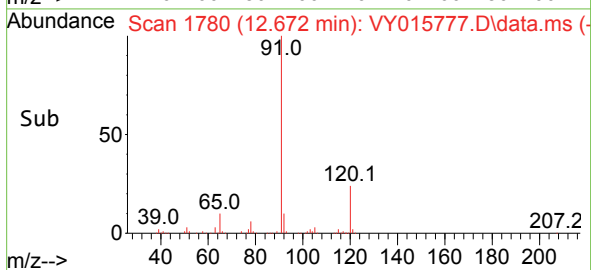
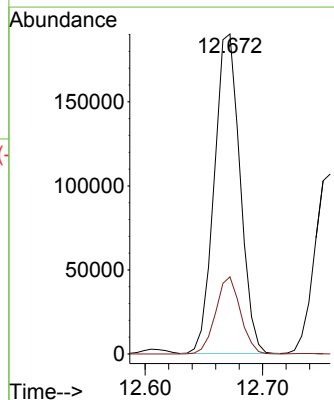
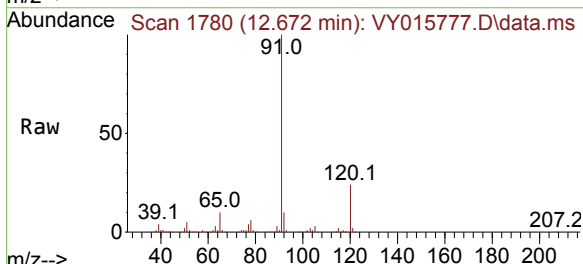
Instrument :
MSVOA_Y
ClientSampleId :

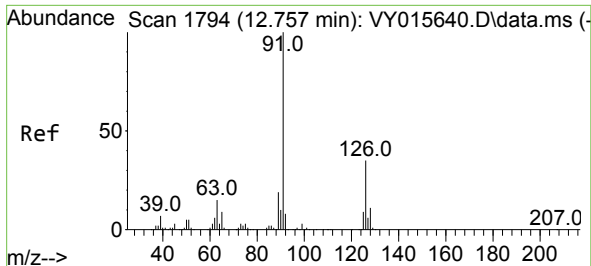
Tgt Ion:156 Resp: 59909
Ion Ratio Lower Upper
156 100
77 196.5 92.8 278.6
158 95.8 48.4 145.3



#78
n-propylbenzene
Concen: 21.636 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 91 Resp: 289357
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.915 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

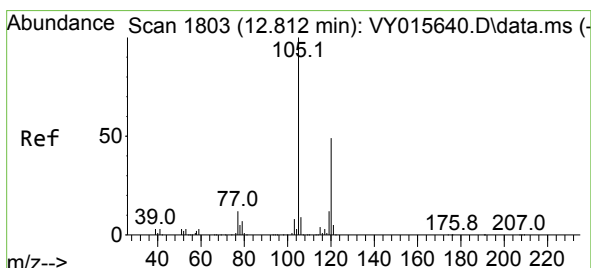
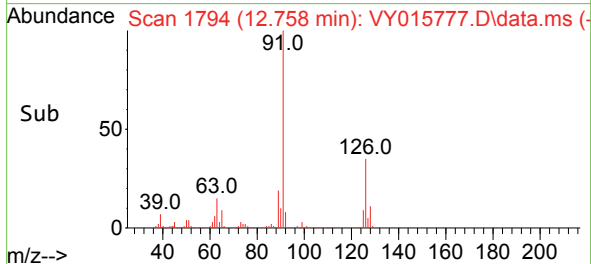
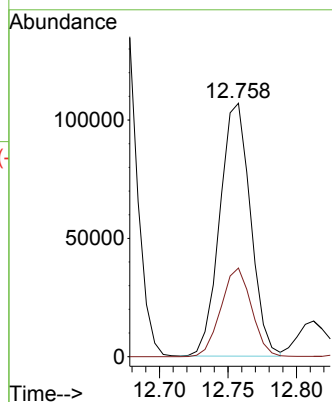
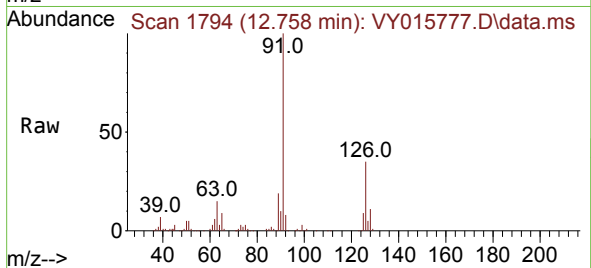
ClientSampleId :

Tgt Ion: 91 Resp: 167065

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.988 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015777.D

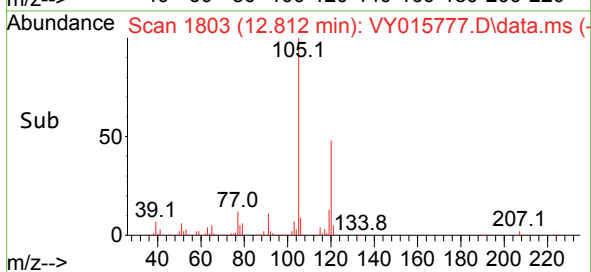
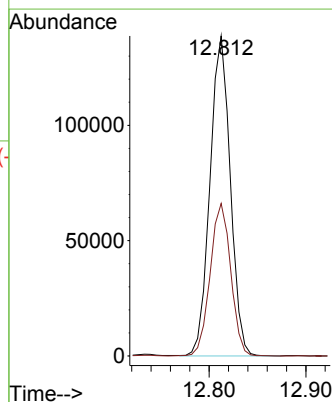
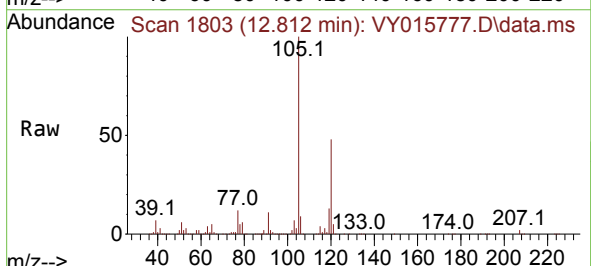
Acq: 02 Oct 2023 15:05

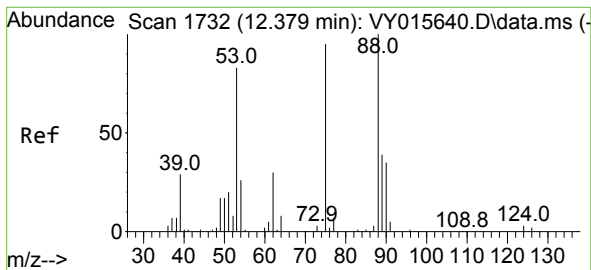
Tgt Ion:105 Resp: 202645

Ion Ratio Lower Upper

105 100

120 48.3 23.9 71.7

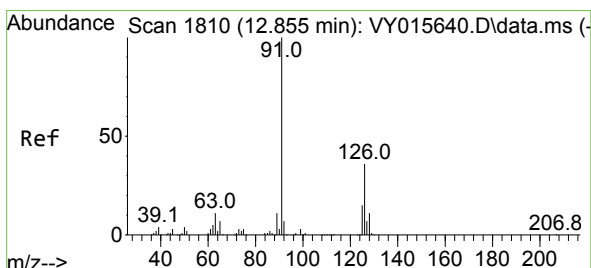
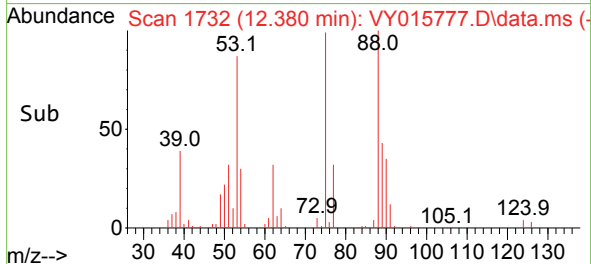
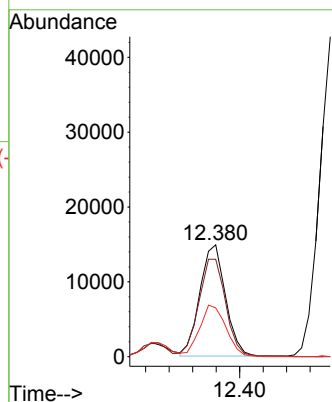
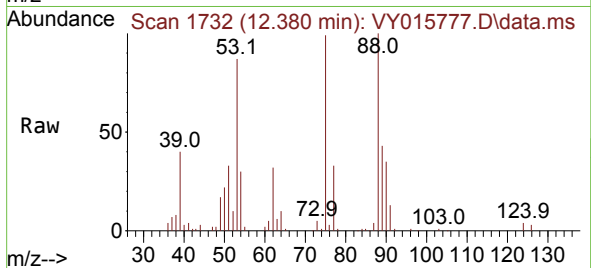




#81
trans-1,4-Dichloro-2-butene
Concen: 21.660 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

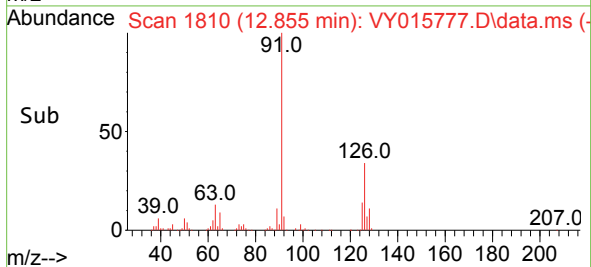
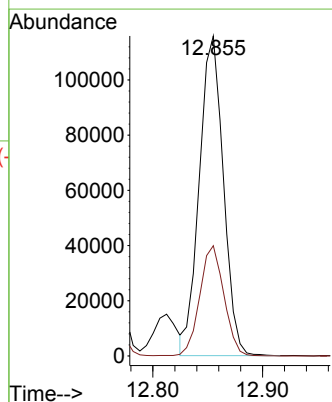
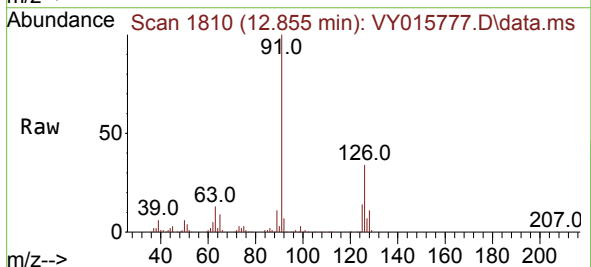
Instrument :
MSVOA_Y
ClientSampleId :

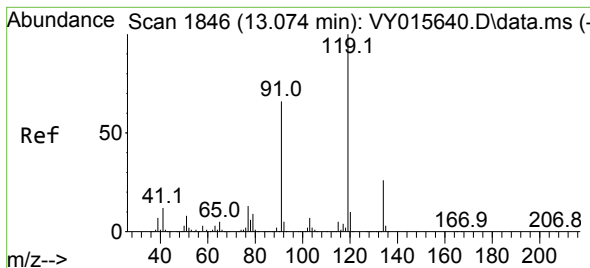
Tgt Ion: 75 Resp: 22518
Ion Ratio Lower Upper
75 100
53 93.0 77.8 116.8
89 47.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 22.163 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 91 Resp: 176379
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.166 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

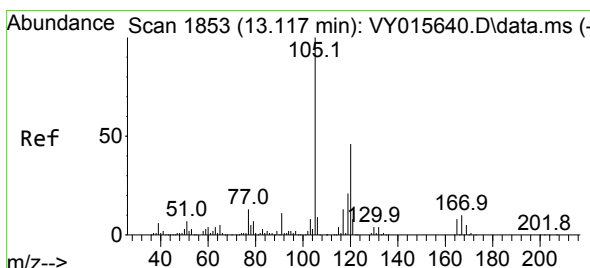
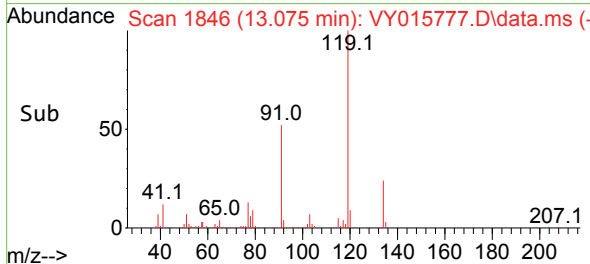
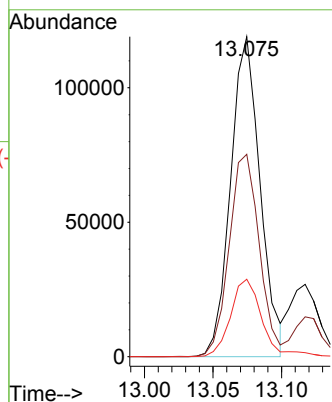
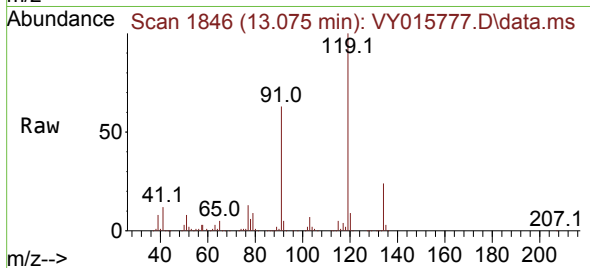
Tgt Ion:119 Resp: 178919

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.030 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015777.D

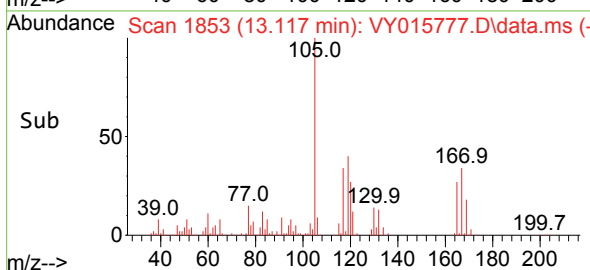
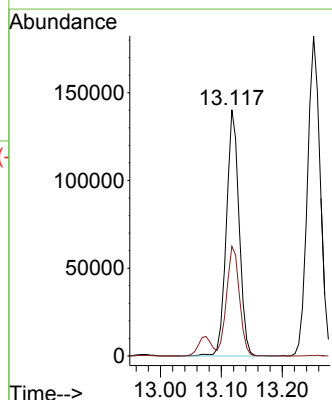
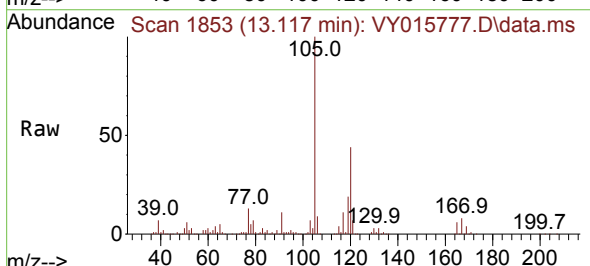
Acq: 02 Oct 2023 15:05

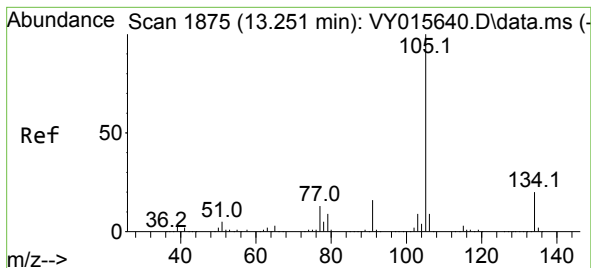
Tgt Ion:105 Resp: 203143

Ion Ratio Lower Upper

105 100

120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.920 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

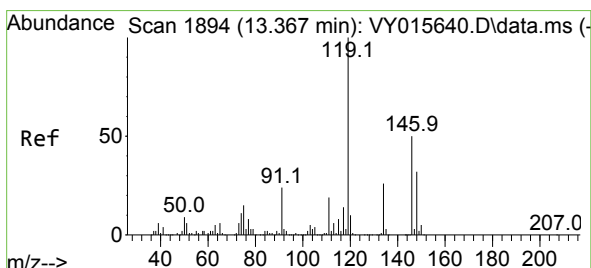
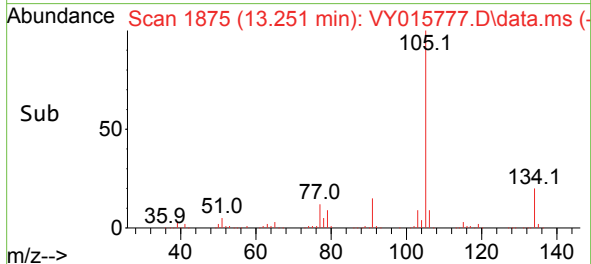
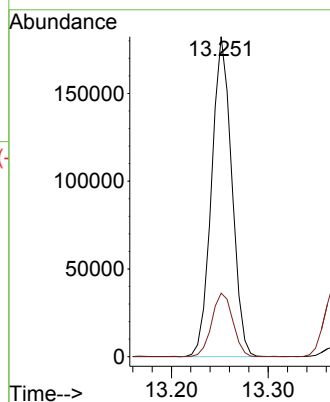
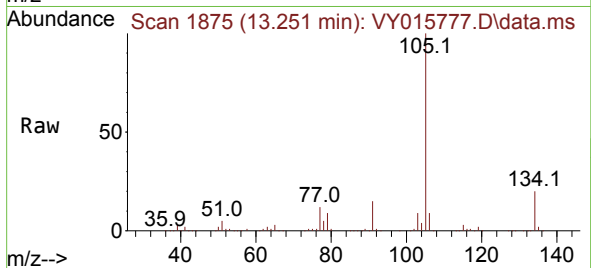
ClientSampleId :

Tgt Ion:105 Resp: 264784

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 22.213 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

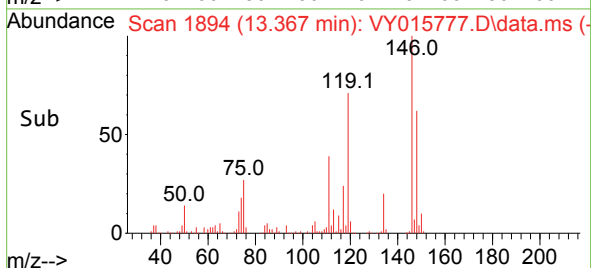
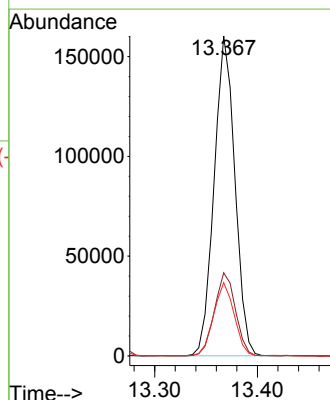
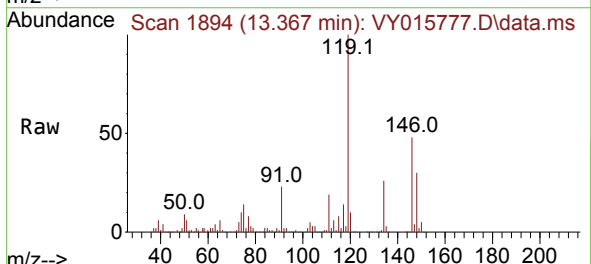
Tgt Ion:119 Resp: 224140

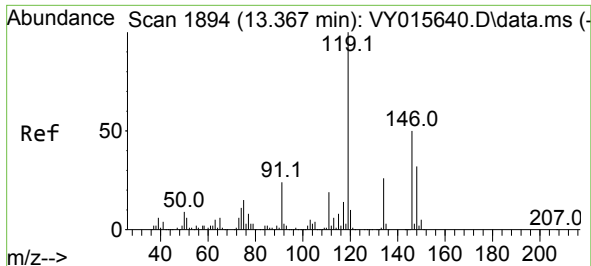
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.7 12.4 37.4

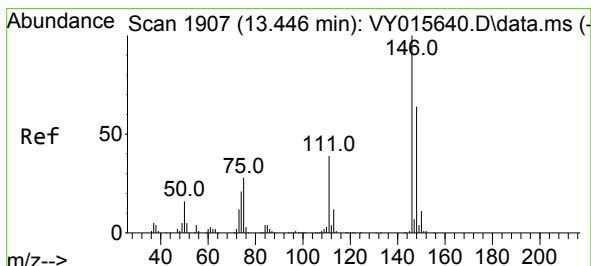
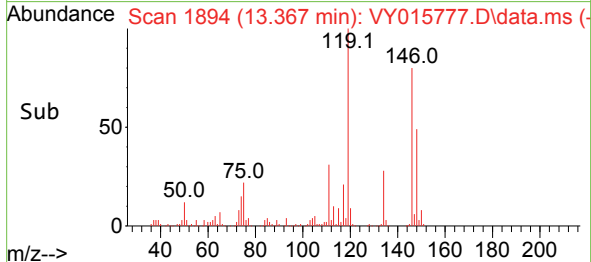
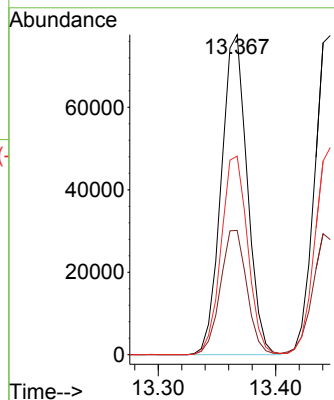
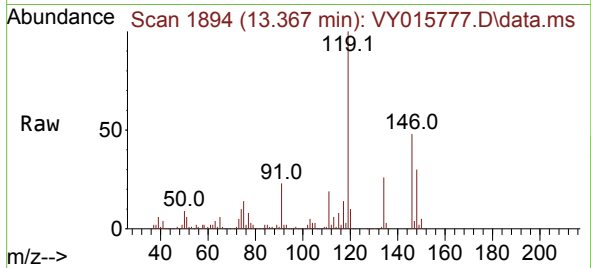




#87
1,3-Dichlorobenzene
Concen: 22.272 ug/l
RT: 13.367 min Scan# 119396
Delta R.T. 0.006 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

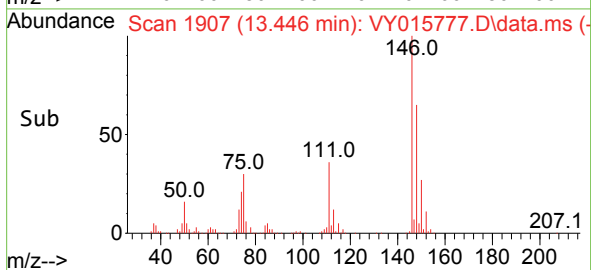
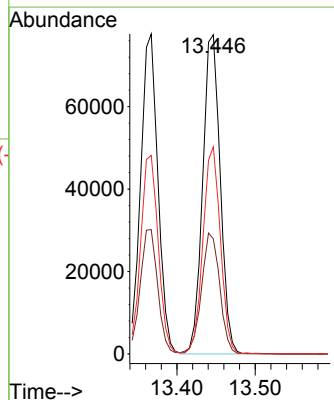
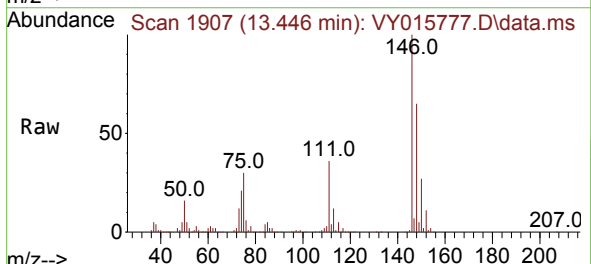
Instrument :
MSVOA_Y
ClientSampleId :

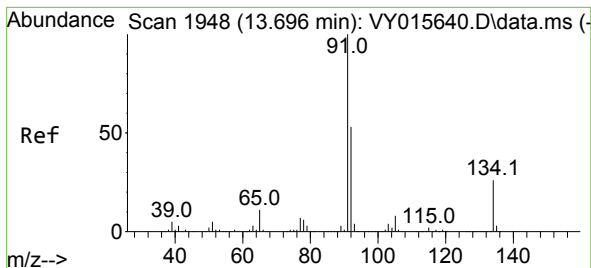
Tgt Ion:146 Resp: 119396
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 63.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 22.481 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion:146 Resp: 120534
Ion Ratio Lower Upper
146 100
111 39.3 18.9 56.7
148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 22.114 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

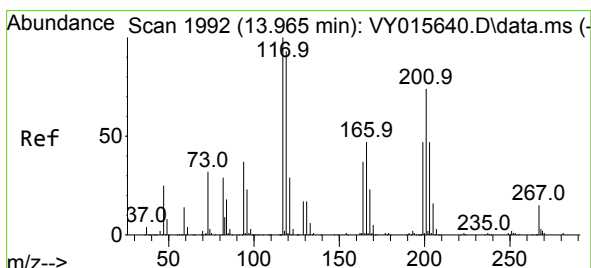
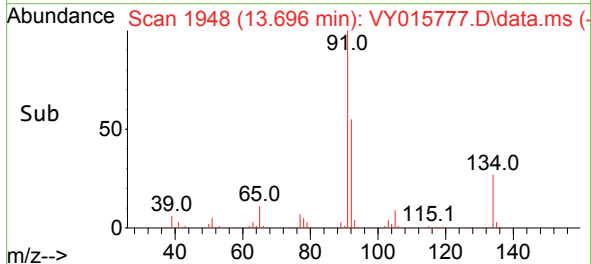
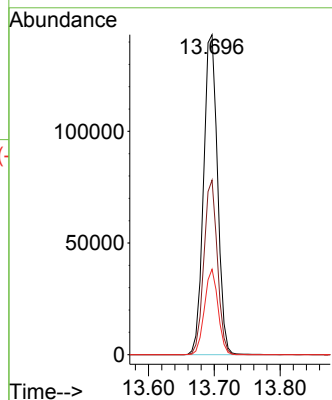
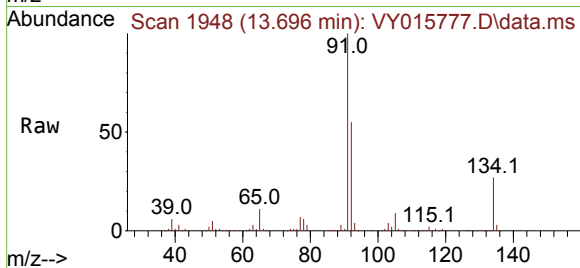
Tgt Ion: 91 Resp: 211299

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 22.146 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015777.D

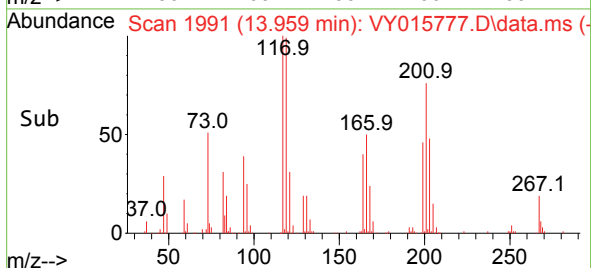
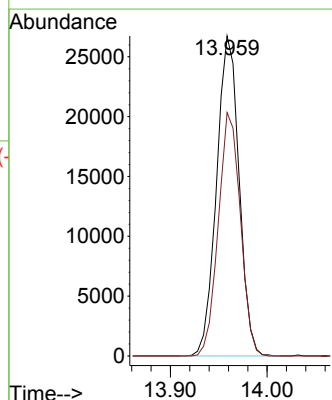
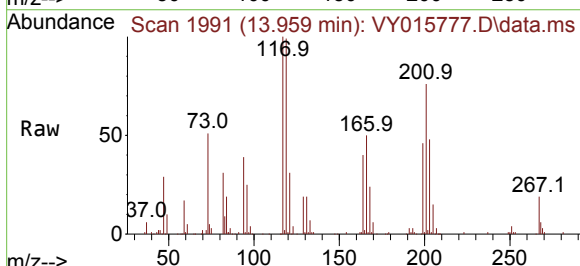
Acq: 02 Oct 2023 15:05

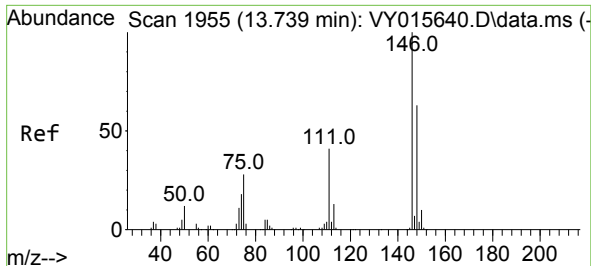
Tgt Ion: 117 Resp: 43127

Ion Ratio Lower Upper

117 100

201 74.6 41.6 124.8

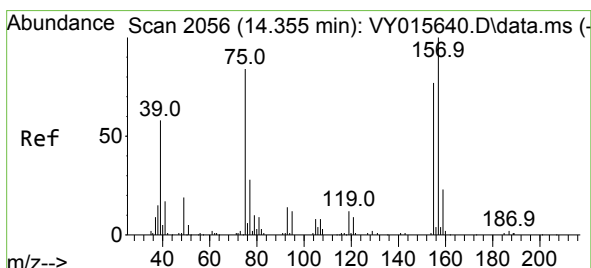
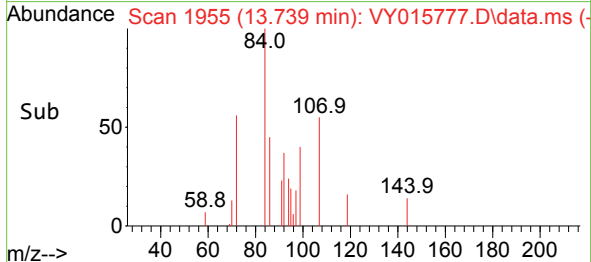
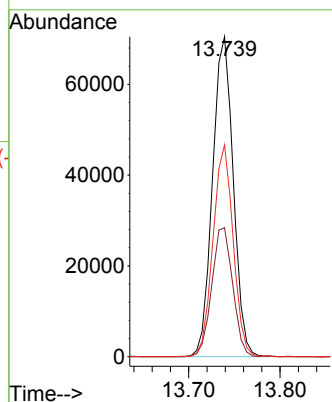
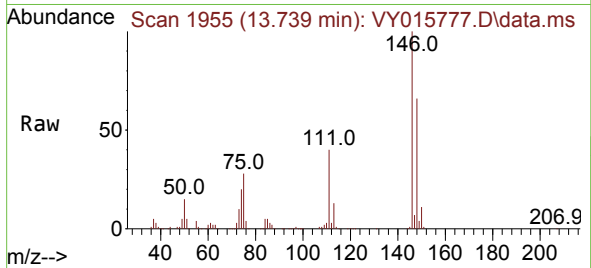




#91
1,2-Dichlorobenzene
Concen: 22.427 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

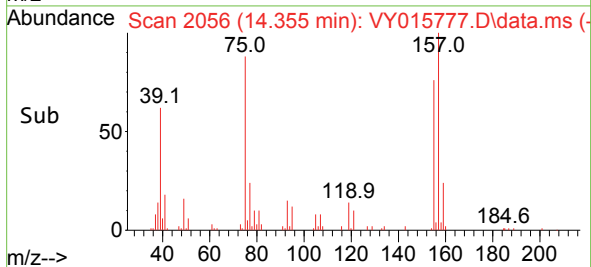
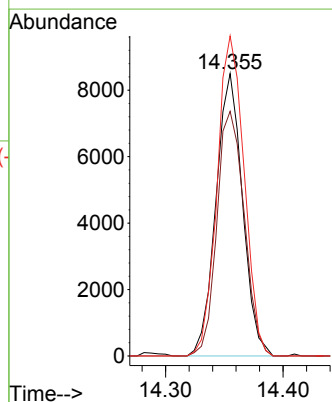
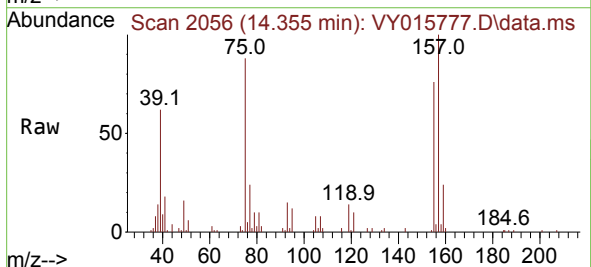
Instrument :
MSVOA_Y
ClientSampleId :

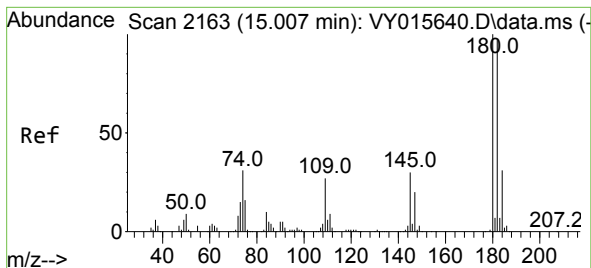
Tgt Ion:146 Resp: 110984
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.948 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015777.D
Acq: 02 Oct 2023 15:05

Tgt Ion: 75 Resp: 13355
Ion Ratio Lower Upper
75 100
155 89.0 41.5 124.6
157 115.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.920 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

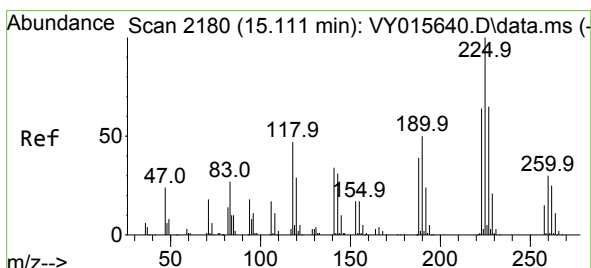
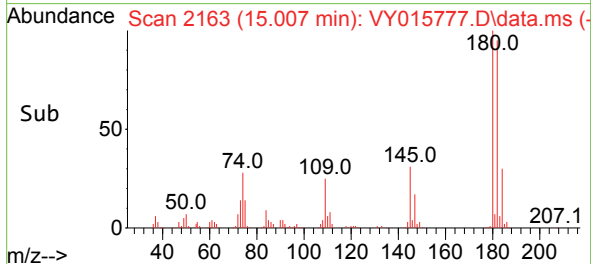
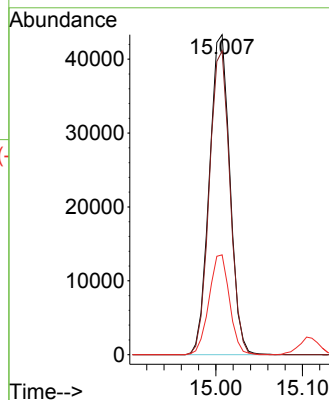
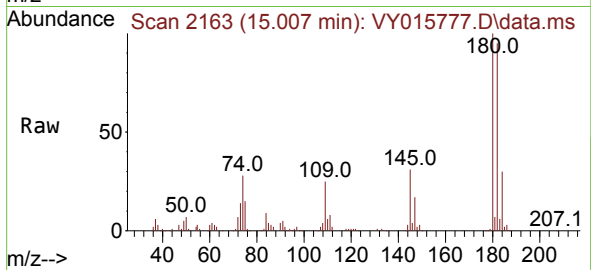
Tgt Ion:180 Resp: 71405

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 23.244 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

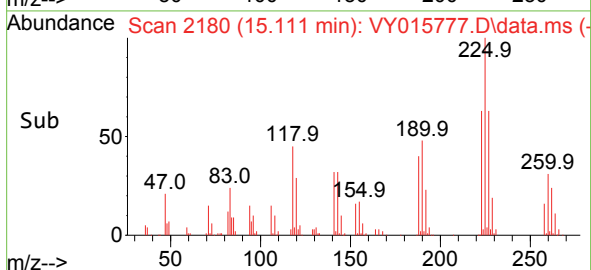
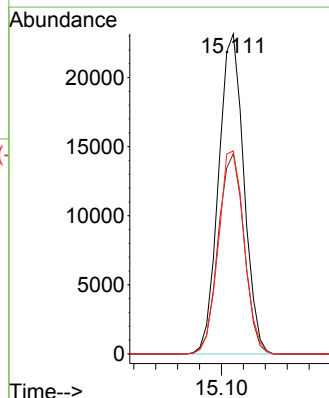
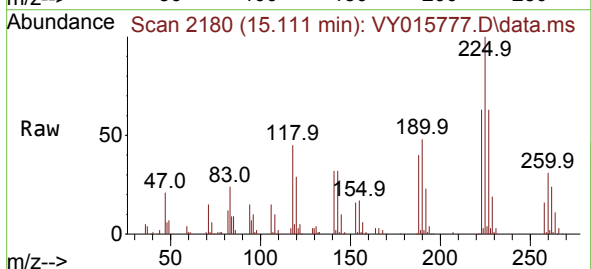
Tgt Ion:225 Resp: 37085

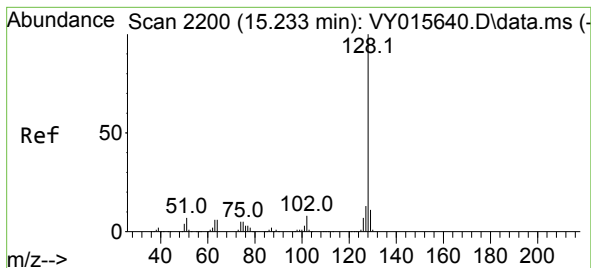
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 22.689 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

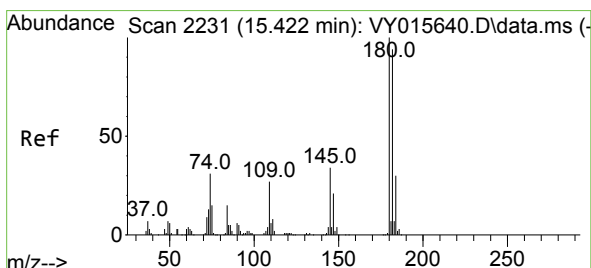
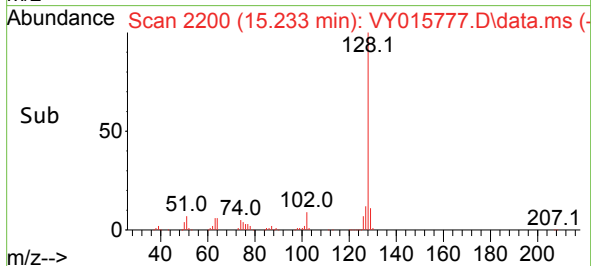
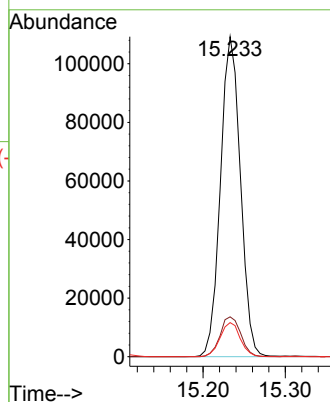
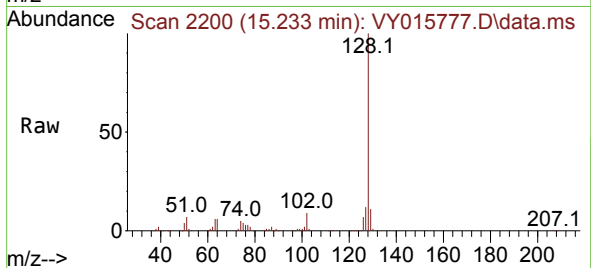
Tgt Ion:128 Resp: 184317

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.782 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015777.D

Acq: 02 Oct 2023 15:05

Tgt Ion:180 Resp: 65511

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 32.2 15.4 46.2

