

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015774.D
 Acq On : 02 Oct 2023 11:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:19:47 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	205432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	340040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154161	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97338	43.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.120%
35) Dibromofluoromethane	7.716	113	92534	45.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.940%
50) Toluene-d8	10.179	98	314828	45.622	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.240%
62) 4-Bromofluorobenzene	12.483	95	122538	45.248	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66048	48.775	ug/l	98
3) Chloromethane	2.113	50	73845	43.226	ug/l	94
4) Vinyl Chloride	2.247	62	94053	48.152	ug/l	98
5) Bromomethane	2.637	94	76325	45.485	ug/l	99
6) Chloroethane	2.790	64	71621	49.470	ug/l	100
7) Trichlorofluoromethane	3.119	101	163322	49.858	ug/l	99
8) Diethyl Ether	3.527	74	67875	48.589	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	105145	51.265	ug/l	95
10) Methyl Iodide	4.088	142	119789	49.685	ug/l	97
11) Tert butyl alcohol	4.942	59	135028	290.789	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	88933	49.207	ug/l	92
13) Acrolein	3.723	56	71685	207.084	ug/l	99
14) Allyl chloride	4.472	41	161349	48.828	ug/l	94
15) Acrylonitrile	5.155	53	227539	222.040	ug/l	98
16) Acetone	3.942	43	250190	206.833	ug/l #	88
17) Carbon Disulfide	4.192	76	159458	45.416	ug/l	98
18) Methyl Acetate	4.472	43	182439	44.952	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	368494	50.061	ug/l	98
20) Methylene Chloride	4.710	84	124875	46.832	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	103844	50.269	ug/l	95
22) Diisopropyl ether	6.112	45	401013	50.426	ug/l	94
23) Vinyl Acetate	6.057	43	1162013	236.734	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	217712	50.227	ug/l	97
25) 2-Butanone	6.978	43	349564	204.452	ug/l	97
26) 2,2-Dichloropropane	6.978	77	199921	50.462	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	138617	50.545	ug/l	96
28) Bromochloromethane	7.332	49	56600	48.129	ug/l	95
29) Tetrahydrofuran	7.344	42	206492	213.677	ug/l	94
30) Chloroform	7.502	83	236810	51.015	ug/l	98
31) Cyclohexane	7.783	56	143654	45.878	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	198942	51.916	ug/l	98
36) 1,1-Dichloropropene	7.917	75	151959	50.497	ug/l	99
37) Ethyl Acetate	7.069	43	129781	43.237	ug/l	96
38) Carbon Tetrachloride	7.899	117	173397	53.084	ug/l	98
39) Methylcyclohexane	9.185	83	169846	51.029	ug/l	92
40) Benzene	8.155	78	465621	50.738	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	184600	114.218	ug/l	# 28
42) 1,2-Dichloroethane	8.234	62	159243	50.667	ug/l	94
43) Isopropyl Acetate	8.270	43	240860	46.975	ug/l	97
44) Trichloroethene	8.941	130	131844	51.438	ug/l	95
45) 1,2-Dichloropropane	9.215	63	130867	51.136	ug/l	98
46) Dibromomethane	9.301	93	80855	49.391	ug/l	97
47) Bromodichloromethane	9.496	83	193184	52.943	ug/l	98
48) Methyl methacrylate	9.289	41	105744	46.985	ug/l	90
49) 1,4-Dioxane	9.295	88	29833	922.452	ug/l	# 52
51) 4-Methyl-2-Pentanone	10.069	43	709567	223.273	ug/l	93
52) Toluene	10.246	92	304780	51.515	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	204449	52.249	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	217580	51.657	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	120803	50.355	ug/l	98
56) Ethyl methacrylate	10.508	69	179435	50.753	ug/l	# 87
57) 1,3-Dichloropropane	10.788	76	200591	49.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	179442	159.787	ug/l	96
59) 2-Hexanone	10.831	43	533896	218.970	ug/l	91
60) Dibromochloromethane	10.983	129	147885	52.807	ug/l	100
61) 1,2-Dibromoethane	11.087	107	115337	49.143	ug/l	100
64) Tetrachloroethene	10.721	164	133443	50.712	ug/l	98
65) Chlorobenzene	11.514	112	350760	52.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	142192	54.679	ug/l	98
67) Ethyl Benzene	11.593	91	621233	53.090	ug/l	98
68) m/p-Xylenes	11.703	106	478117	107.500	ug/l	95
69) o-Xylene	12.026	106	236352	54.194	ug/l	97
70) Styrene	12.044	104	411697	55.150	ug/l	96
71) Bromoform	12.209	173	100480	53.321	ug/l	# 99
73) Isopropylbenzene	12.331	105	629362	54.421	ug/l	100
74) N-amyl acetate	12.142	43	218453	50.259	ug/l	# 92
75) 1,1,2,2-Tetrachloroethane	12.581	83	159552	49.572	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	209489	85.180	ug/l	# 100
77) Bromobenzene	12.611	156	153705	54.145	ug/l	97
78) n-propylbenzene	12.672	91	762993	54.307	ug/l	100
79) 2-Chlorotoluene	12.757	91	436752	54.536	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	532515	55.003	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	55226	50.567	ug/l	95
82) 4-Chlorotoluene	12.855	91	455177	54.445	ug/l	99
83) tert-Butylbenzene	13.075	119	475258	56.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	528105	54.516	ug/l	98
85) sec-Butylbenzene	13.251	105	706208	55.651	ug/l	100
86) p-Isopropyltoluene	13.367	119	596613	56.284	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	305299	54.211	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	304883	54.129	ug/l	99
89) n-Butylbenzene	13.696	91	560699	55.860	ug/l	97
90) Hexachloroethane	13.959	117	115221	56.321	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	284856	54.793	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29893	46.764	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	179933	54.977	ug/l	98
94) Hexachlorobutadiene	15.111	225	95807	57.162	ug/l	97
95) Naphthalene	15.233	128	445282	52.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	162255	53.713	ug/l	99

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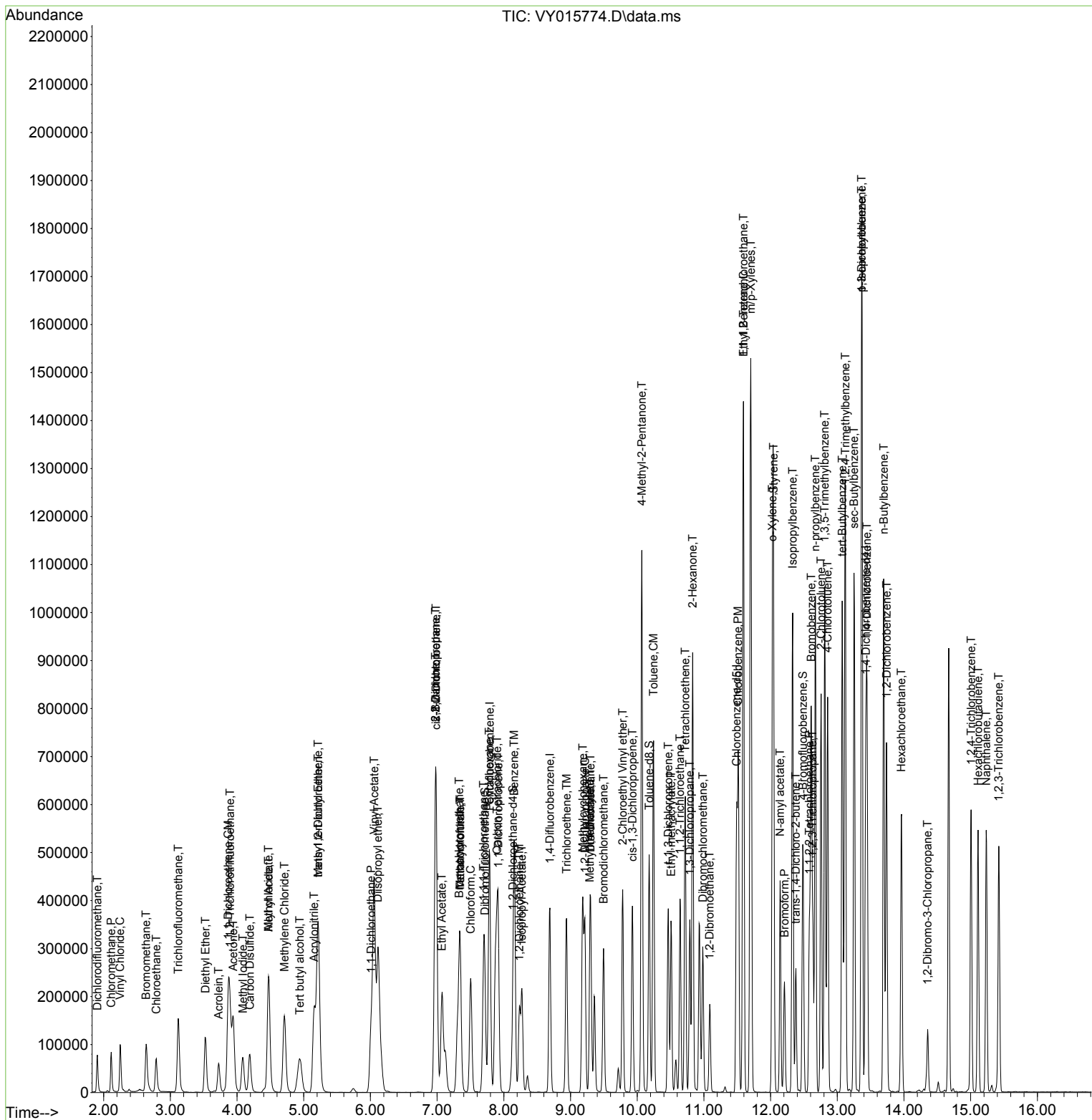
Instrument :
MSVOA_Y
ClientSampleId :

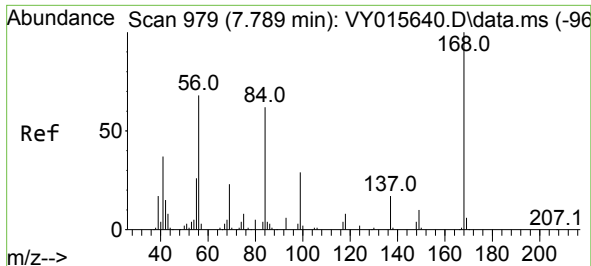
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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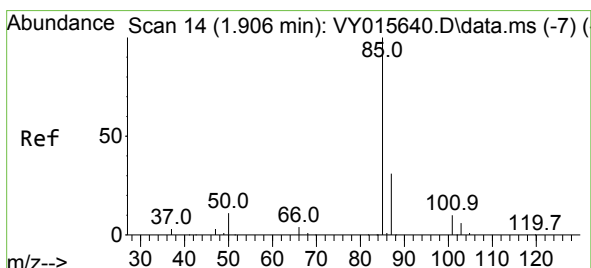
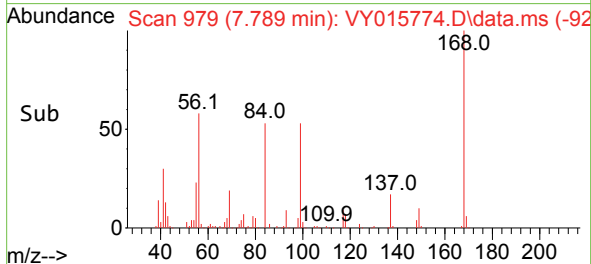
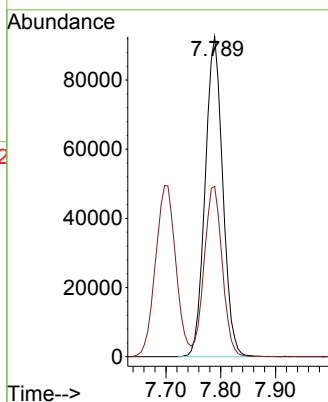
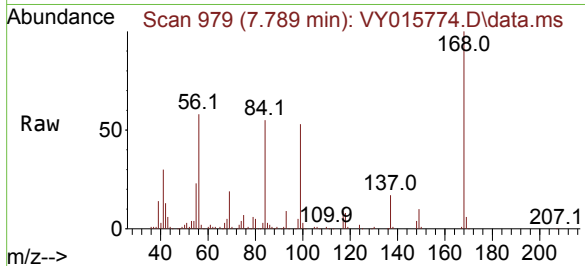




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015774.D
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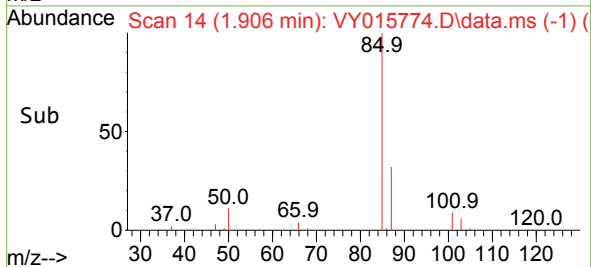
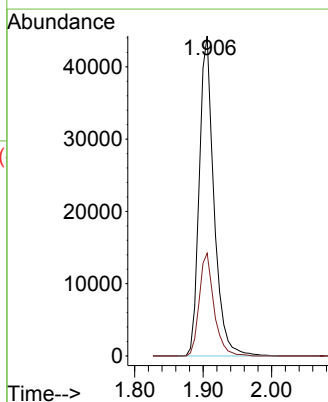
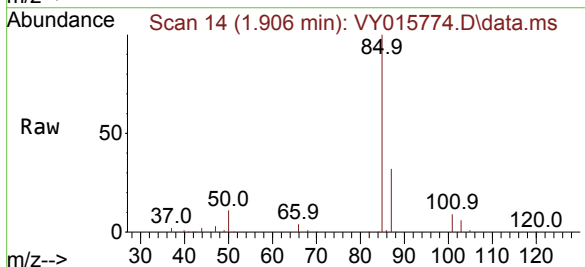
Instrument :
MSVOA_Y
ClientSampleId :

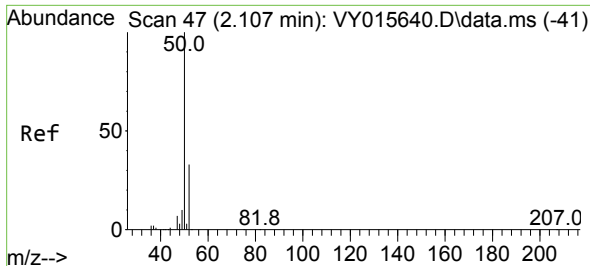
Tgt Ion:168 Resp: 205432
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.775 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 85 Resp: 66048
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8

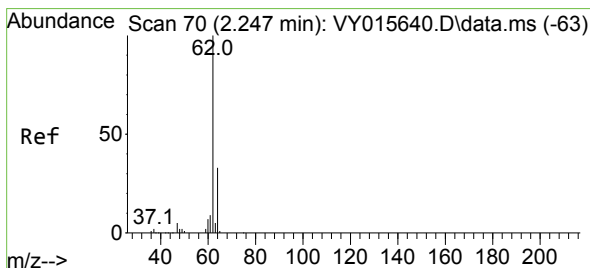
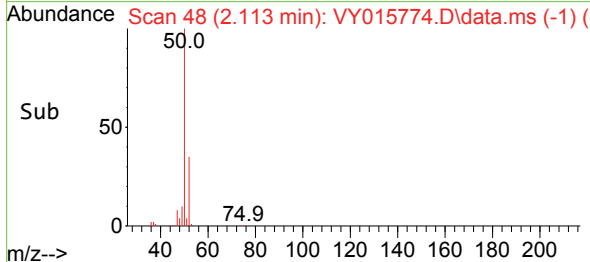
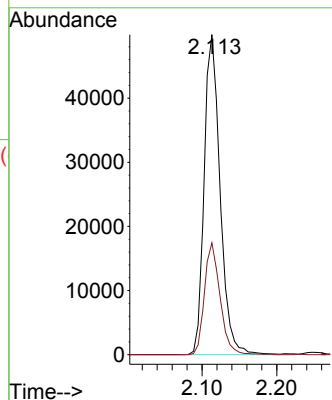
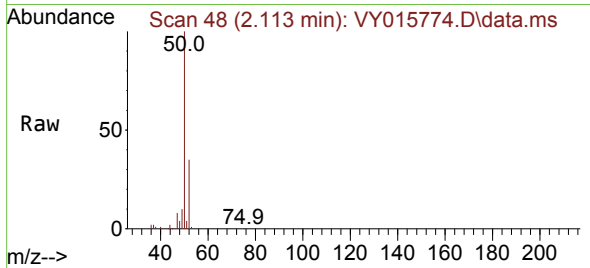




#3
Chloromethane
Concen: 43.226 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

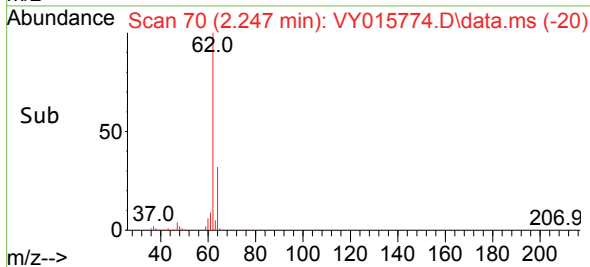
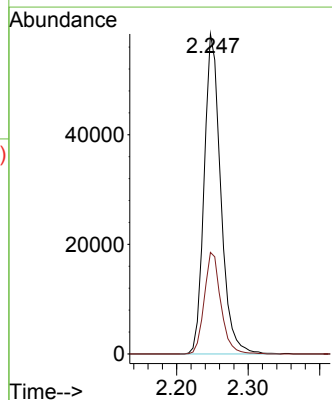
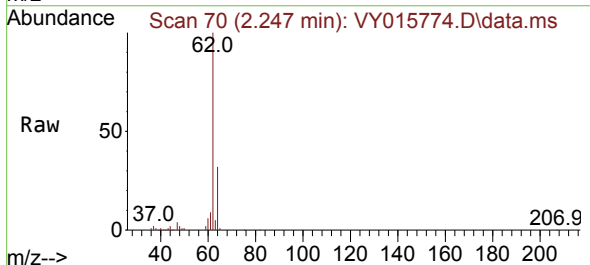
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MSVOA_Y
ClientSampleId :

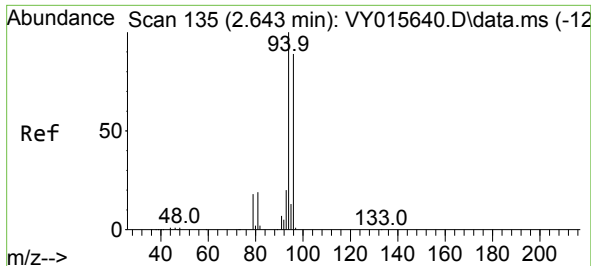
Tgt Ion: 50 Resp: 73845
Ion Ratio Lower Upper
50 100
52 34.9 25.4 38.2



#4
Vinyl Chloride
Concen: 48.152 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 62 Resp: 94053
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5

Bromomethane

Concen: 45.485 ug/l

RT: 2.637 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

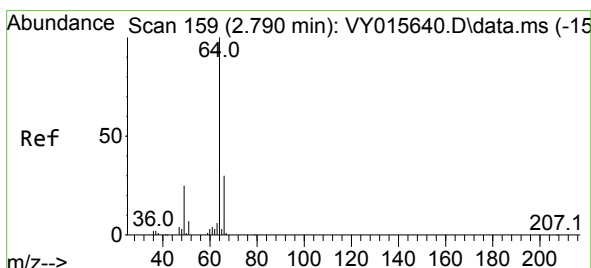
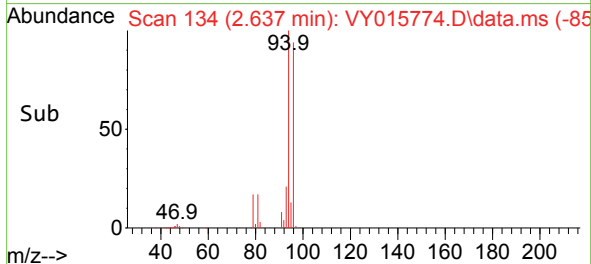
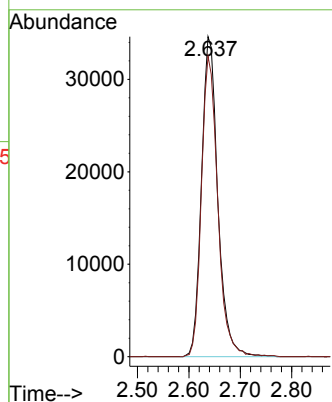
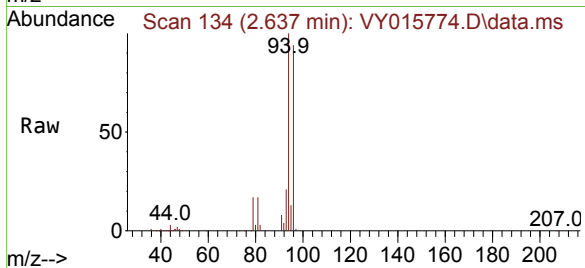
ClientSampleId :

Tgt Ion: 94 Resp: 76325

Ion Ratio Lower Upper

94 100

96 93.9 75.8 113.6



#6

Chloroethane

Concen: 49.470 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015774.D

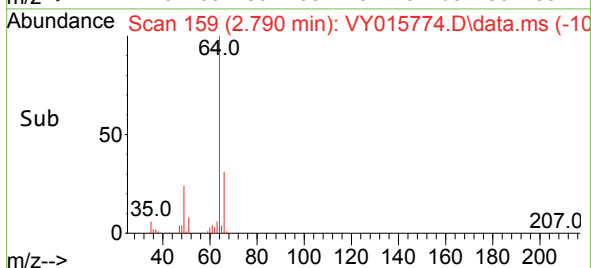
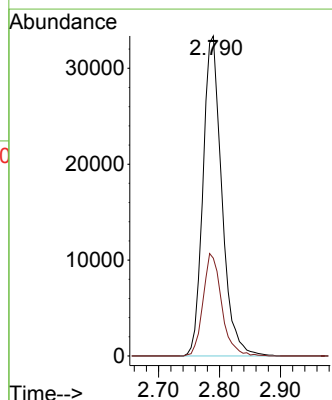
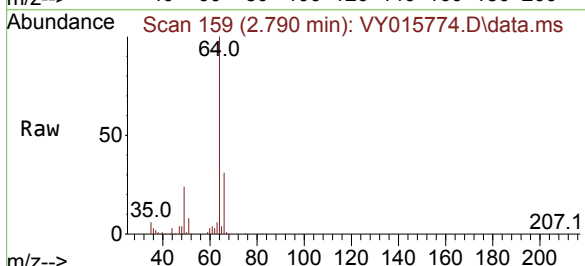
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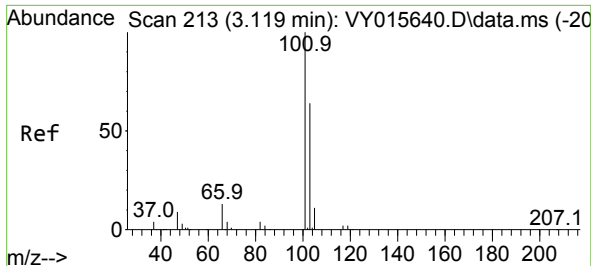
Tgt Ion: 64 Resp: 71621

Ion Ratio Lower Upper

64 100

66 30.6 24.4 36.6

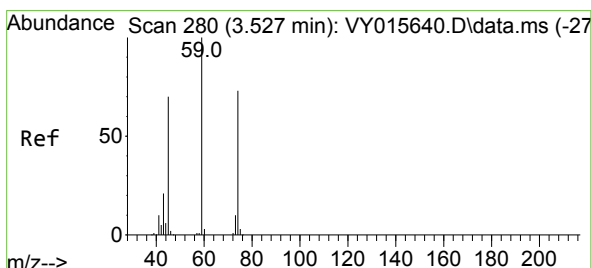
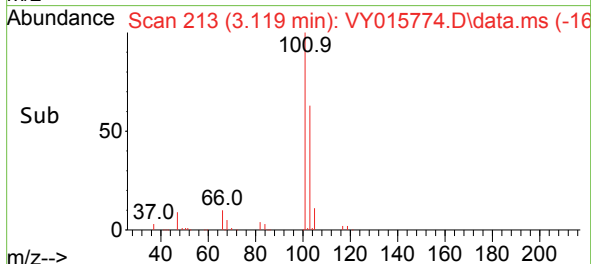
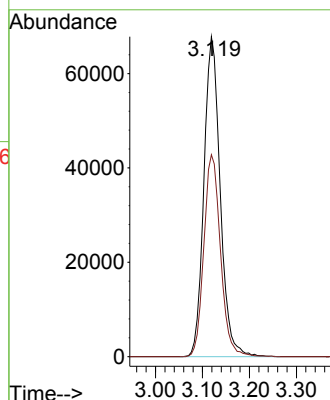
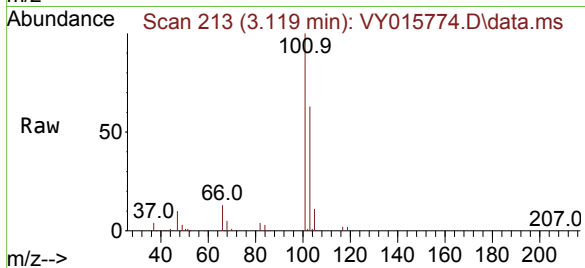




#7
 Trichlorofluoromethane
 Concen: 49.858 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

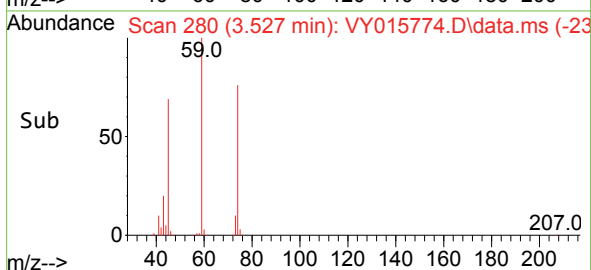
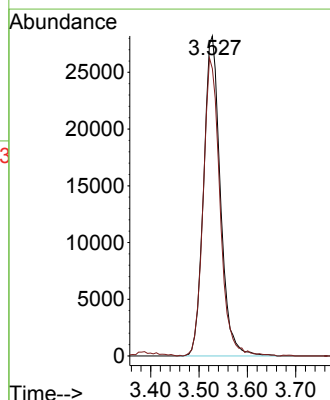
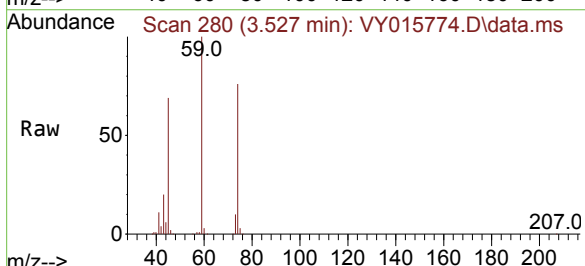
Instrument :
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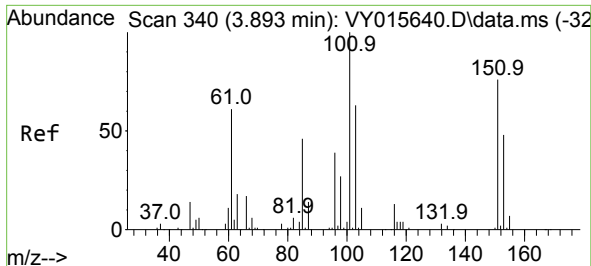
Tgt Ion:101 Resp: 163322
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.589 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015774.D
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Tgt Ion: 74 Resp: 67875
 Ion Ratio Lower Upper
 74 100
 45 93.2 51.5 154.5

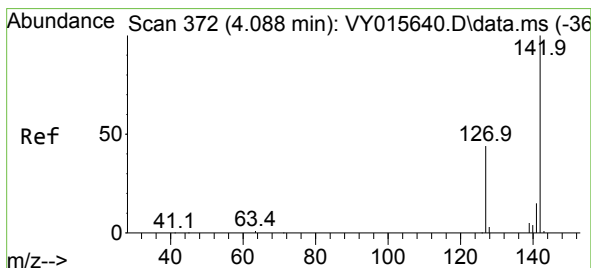
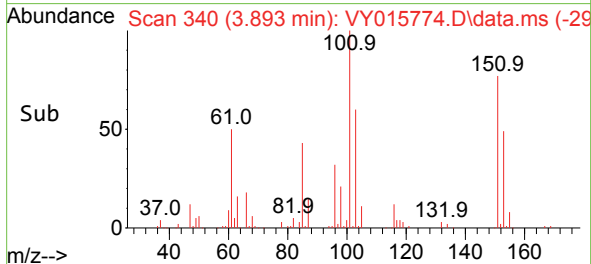
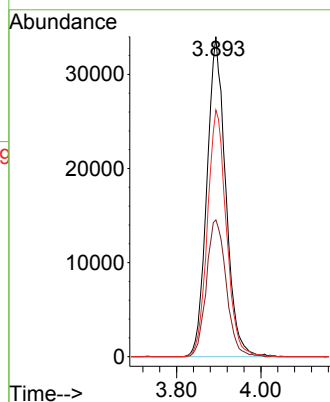
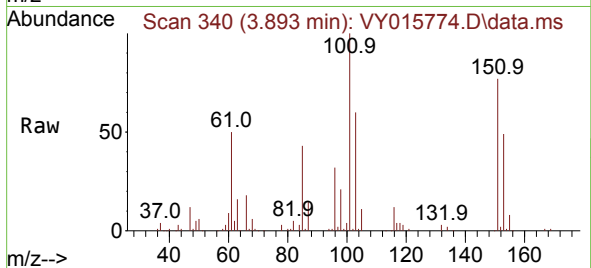




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.265 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

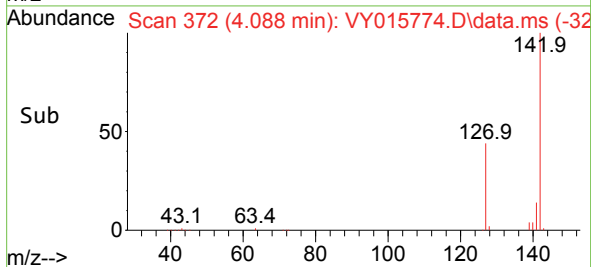
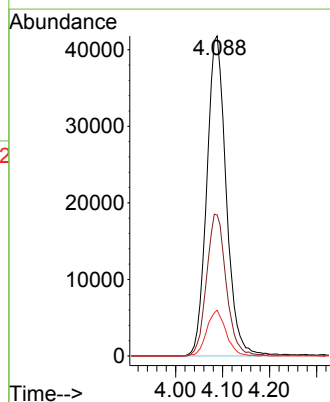
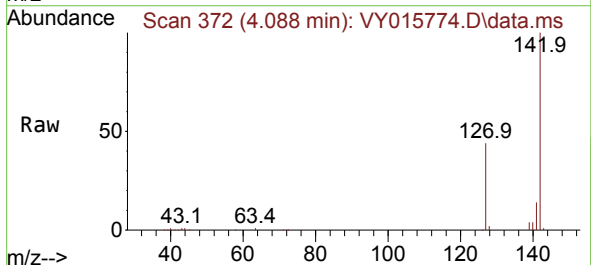
Instrument :
MSVOA_Y
ClientSampleId :

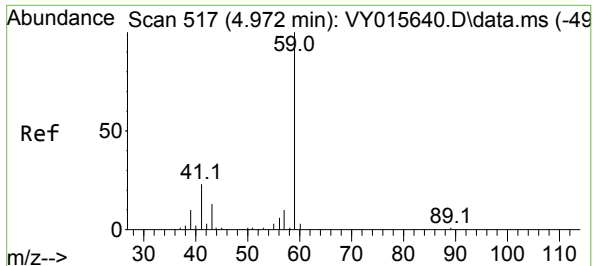
Tgt Ion:101 Resp: 105145
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 77.6 67.0 100.6



#10
Methyl Iodide
Concen: 49.685 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion:142 Resp: 119789
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.1 11.8 17.8

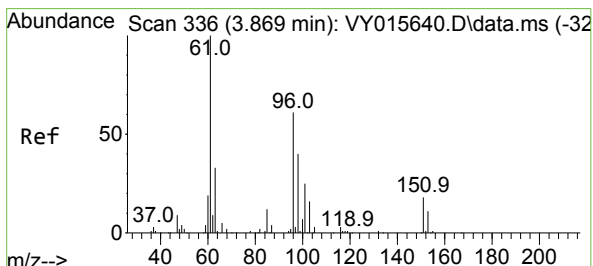
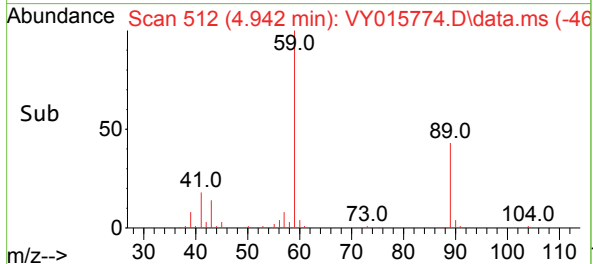
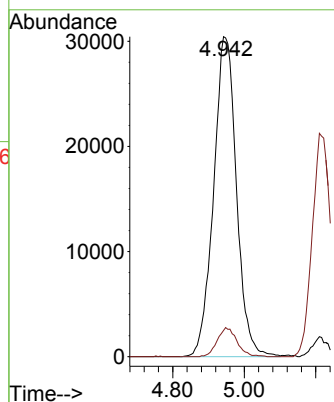
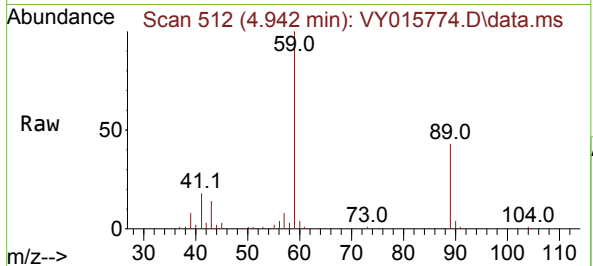




#11
Tert butyl alcohol
Concen: 290.789 ug/l
RT: 4.942 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

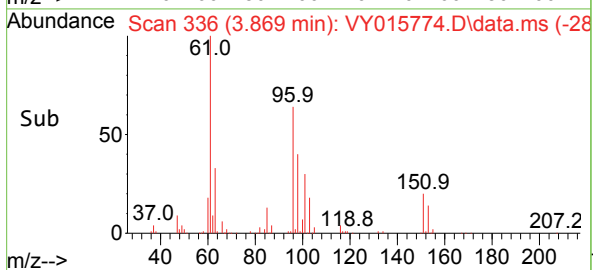
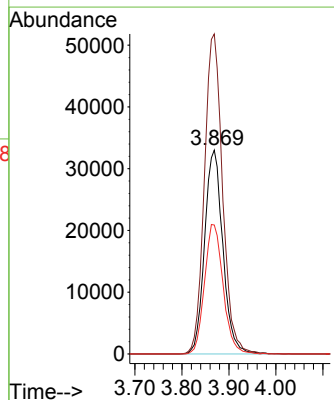
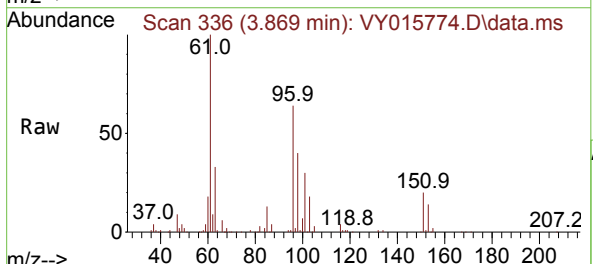
Instrument :
MSVOA_Y
ClientSampleId :

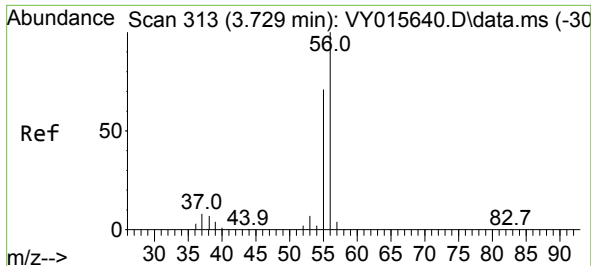
Tgt Ion: 59 Resp: 135028
Ion Ratio Lower Upper
59 100
57 7.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.207 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 96 Resp: 88933
Ion Ratio Lower Upper
96 100
61 157.0 136.4 204.6
98 63.2 49.4 74.2

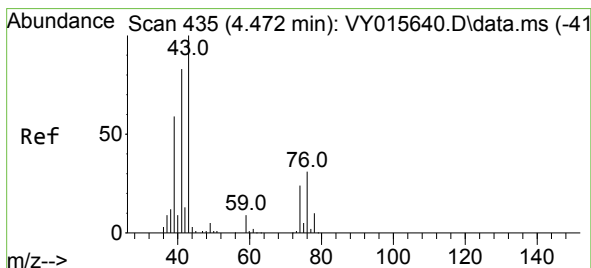
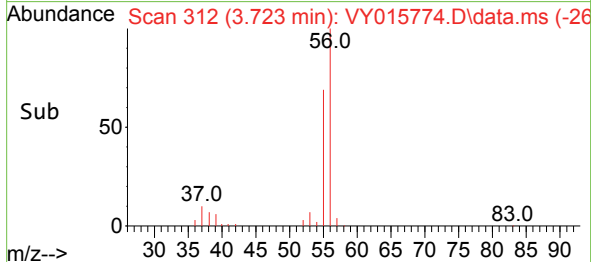
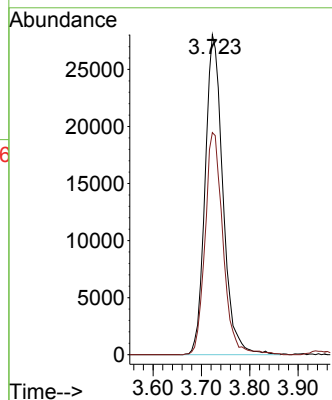
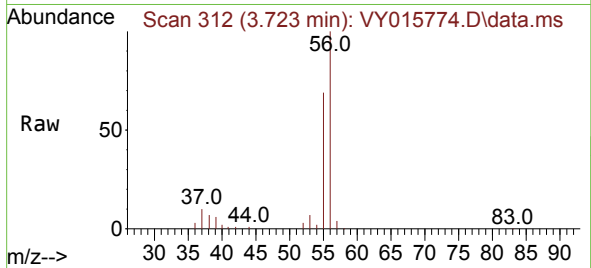




#13
Acrolein
Concen: 207.084 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

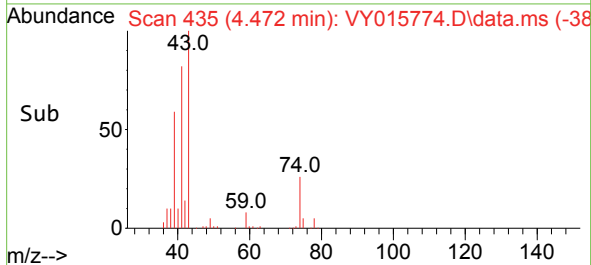
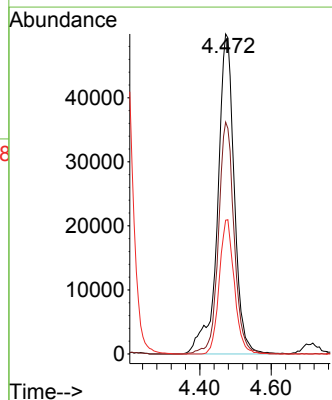
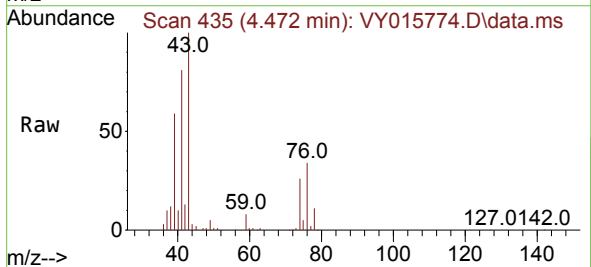
Instrument :
MSVOA_Y
ClientSampleId :

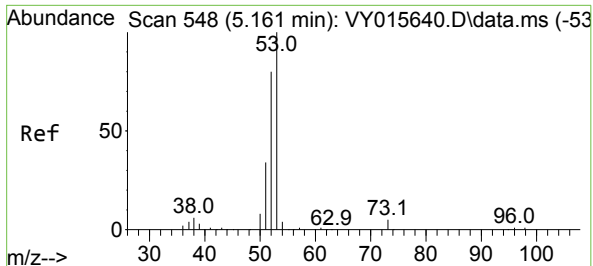
Tgt Ion: 56 Resp: 71685
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 48.828 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 41 Resp: 161349
Ion Ratio Lower Upper
41 100
39 68.2 58.0 87.0
76 37.9 27.4 41.2

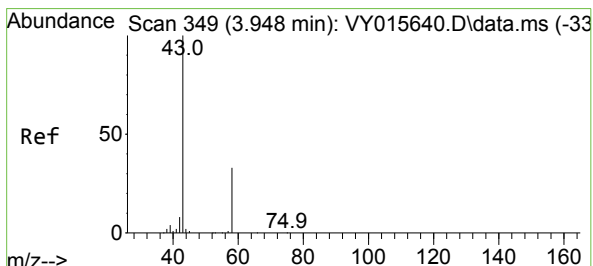
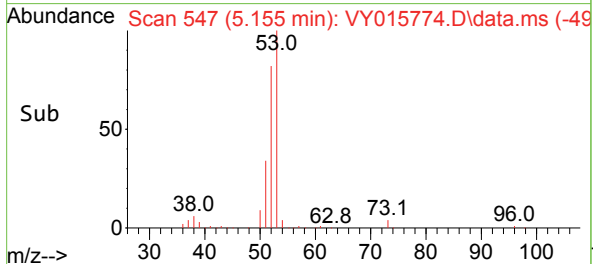
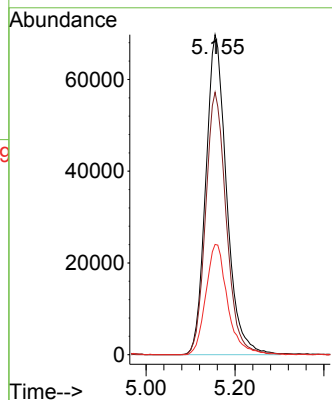
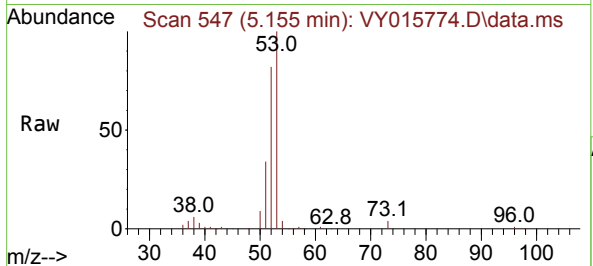




#15
Acrylonitrile
Concen: 222.040 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

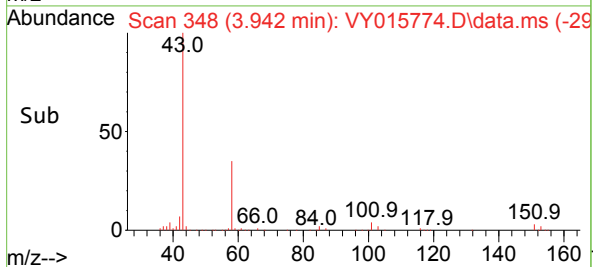
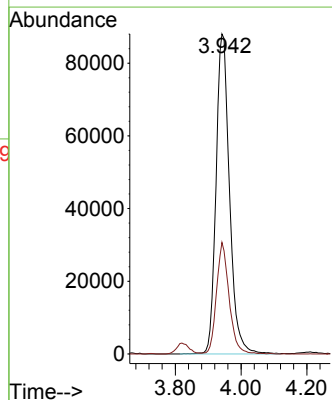
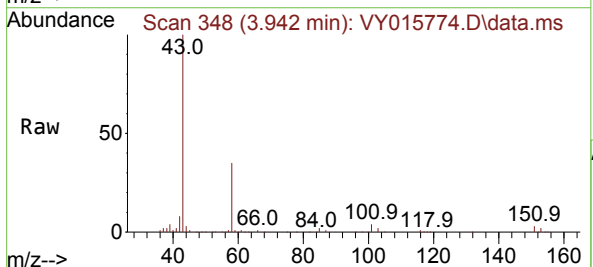
Instrument :
MSVOA_Y
ClientSampleId :

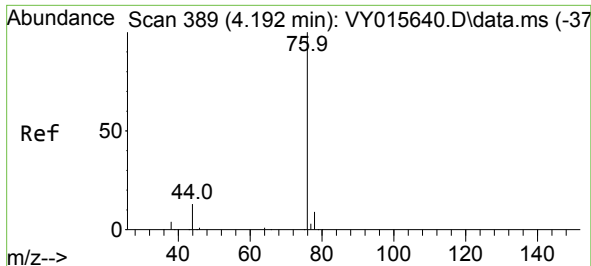
Tgt Ion: 53 Resp: 227539
Ion Ratio Lower Upper
53 100
52 81.2 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 206.833 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 43 Resp: 250190
Ion Ratio Lower Upper
43 100
58 34.9 22.7 34.1#

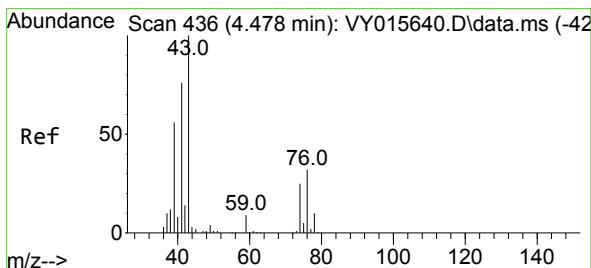
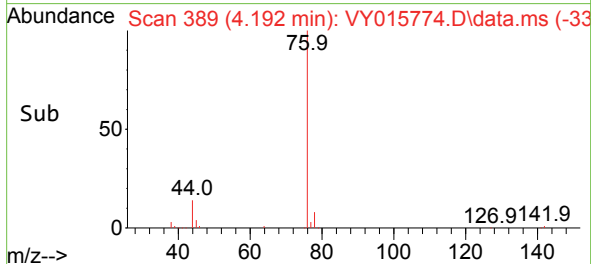
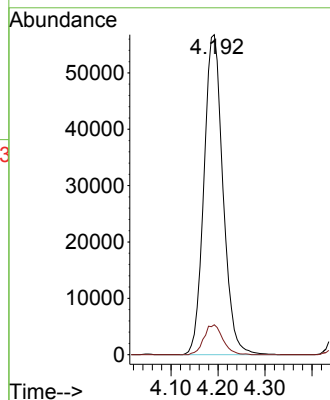
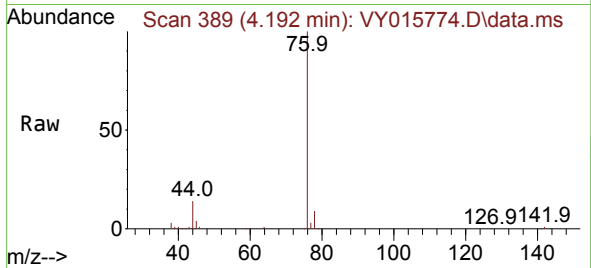




#17
Carbon Disulfide
Concen: 45.416 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

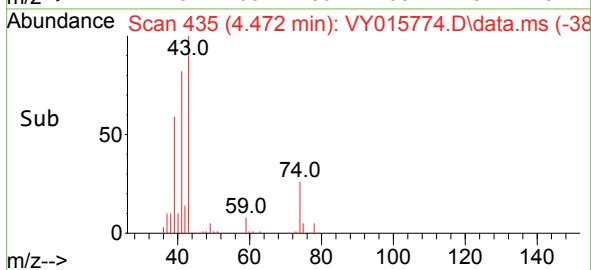
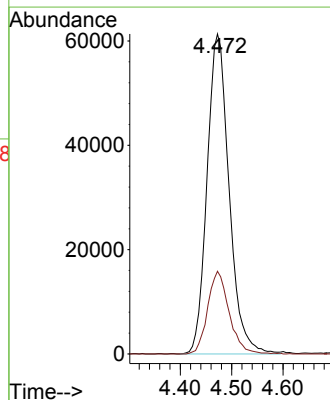
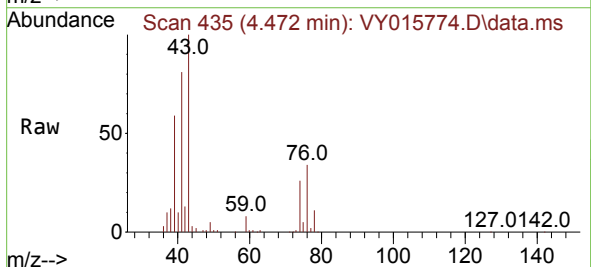
Instrument :
MSVOA_Y
ClientSampleId :

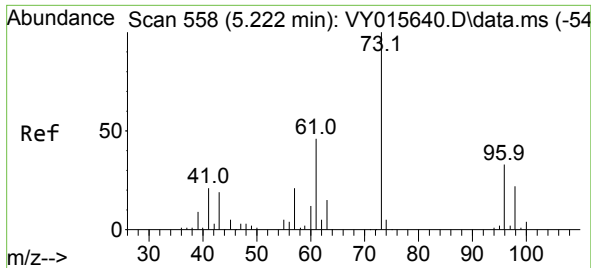
Tgt Ion: 76 Resp: 159458
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 44.952 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 43 Resp: 182439
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

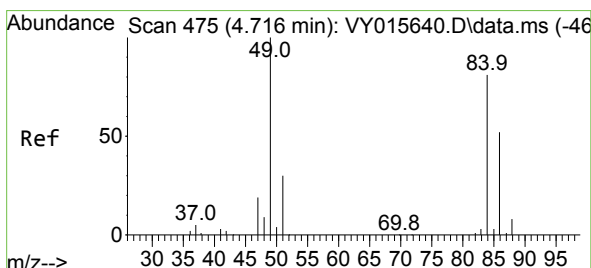
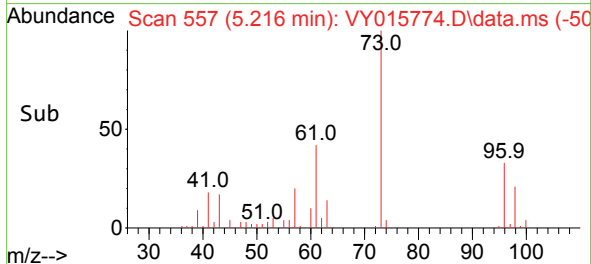
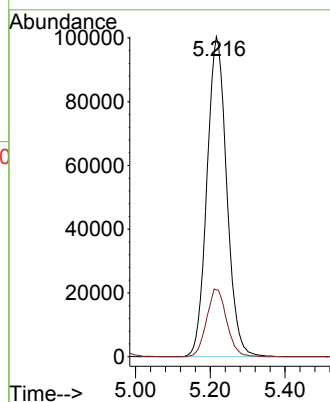
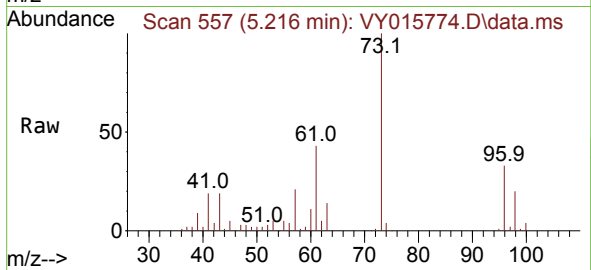




#19
Methyl tert-butyl Ether
Concen: 50.061 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

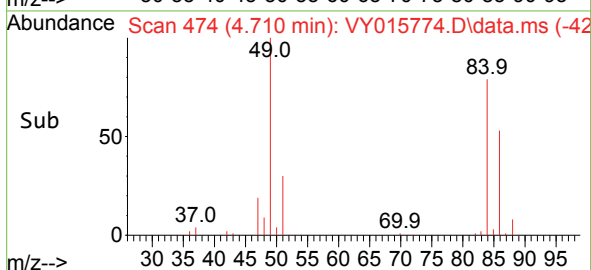
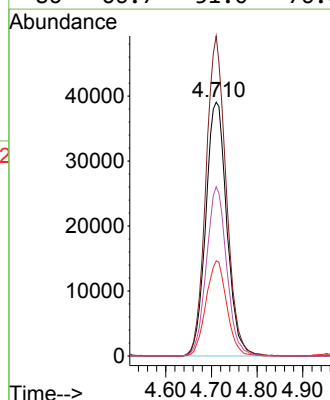
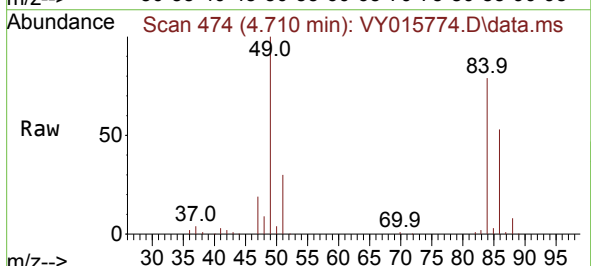
Instrument :
MSVOA_Y
ClientSampleId :

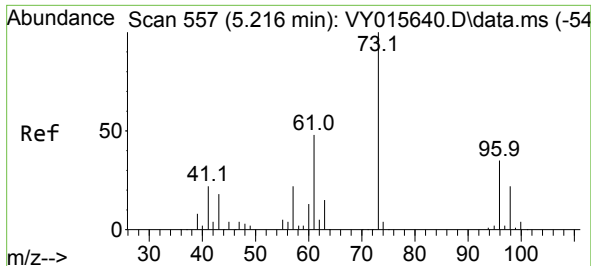
Tgt Ion: 73 Resp: 368494
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 46.832 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 84 Resp: 124875
Ion Ratio Lower Upper
84 100
49 126.1 106.9 160.3
51 37.5 33.2 49.8
86 66.7 51.0 76.6

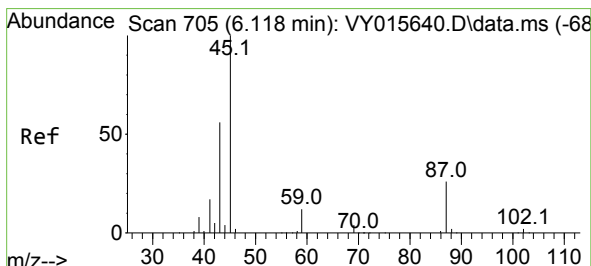
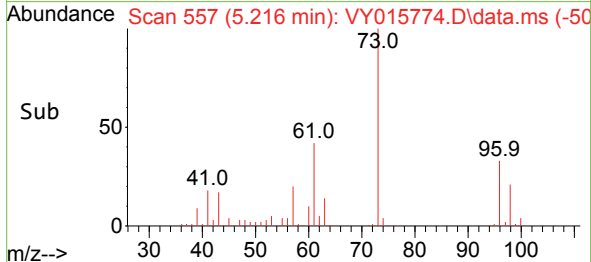
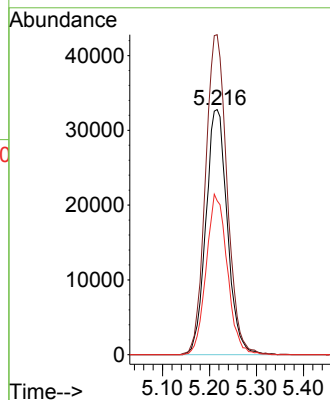
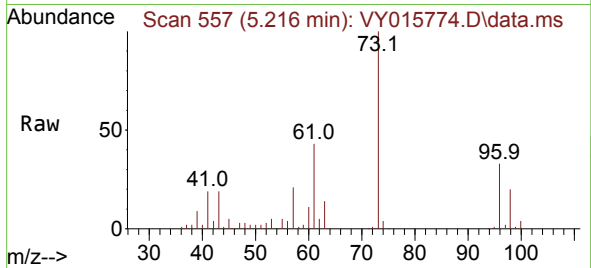




#21
trans-1,2-Dichloroethene
Concen: 50.269 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

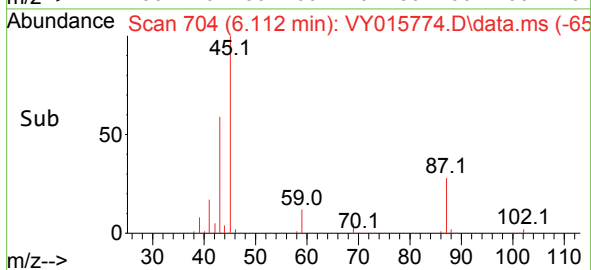
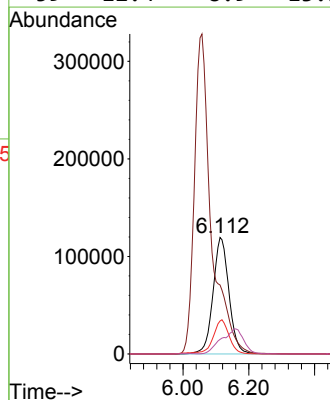
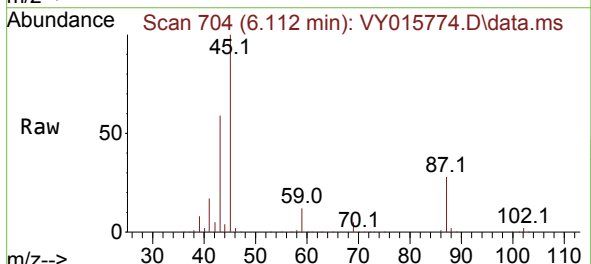
Instrument :
MSVOA_Y
ClientSampleId :

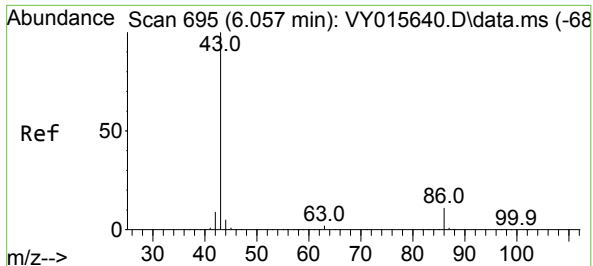
Tgt Ion: 96 Resp: 103844
Ion Ratio Lower Upper
96 100
61 130.6 110.2 165.4
98 62.8 51.8 77.6



#22
Diisopropyl ether
Concen: 50.426 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 45 Resp: 401013
Ion Ratio Lower Upper
45 100
43 58.9 52.2 78.4
87 28.3 21.0 31.6
59 12.4 8.9 13.3

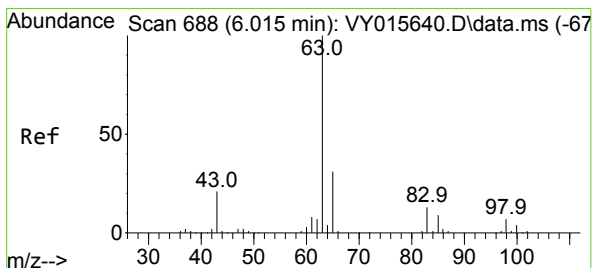
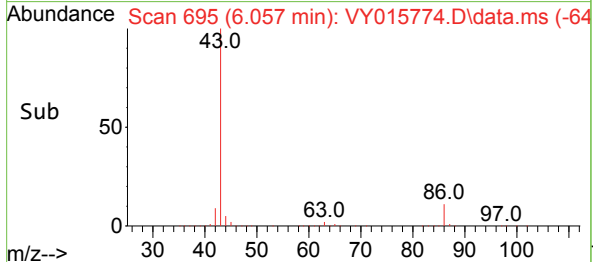
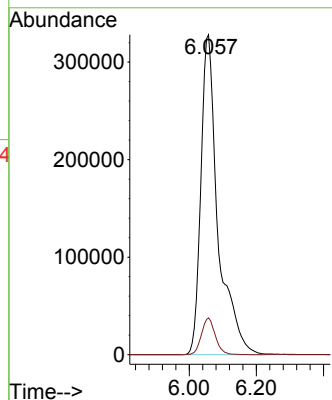
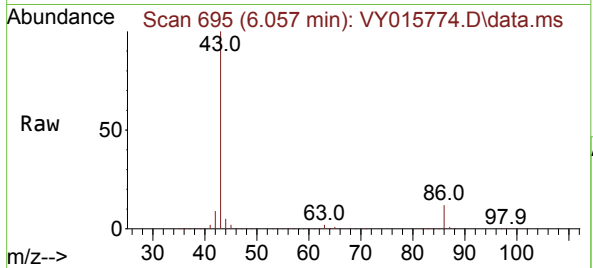




#23
 Vinyl Acetate
 Concen: 236.734 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

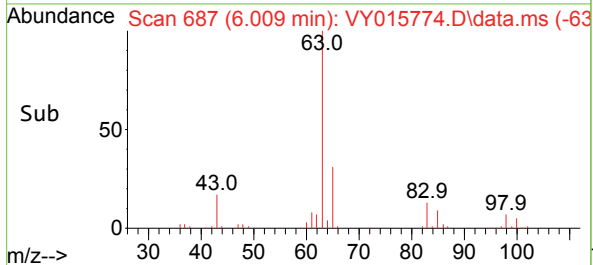
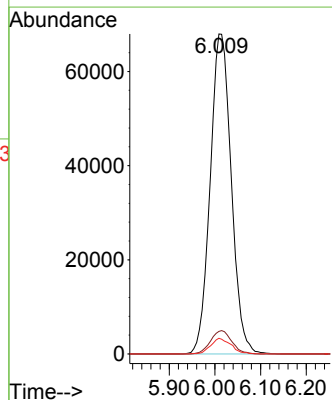
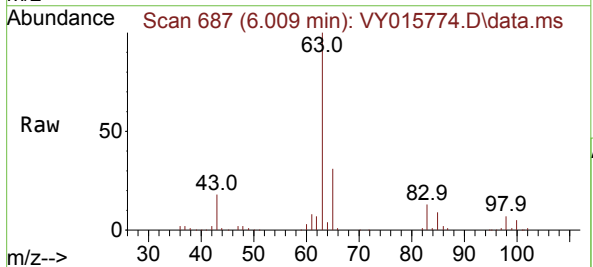
Instrument :
 MSVOA_Y
 ClientSampleId :

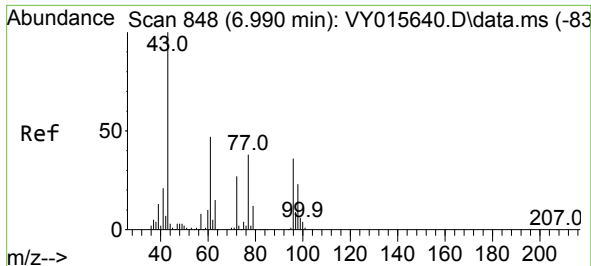
Tgt Ion: 43 Resp: 1162013
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.227 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

Tgt Ion: 63 Resp: 217712
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 204.452 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

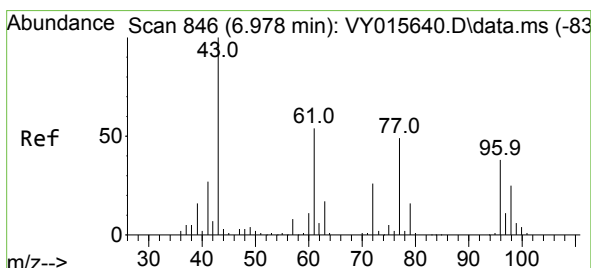
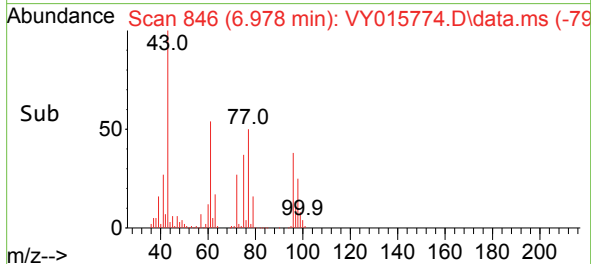
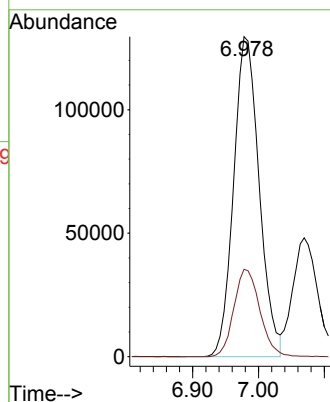
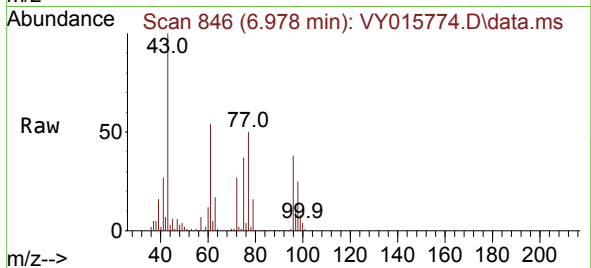
ClientSampleId :

Tgt Ion: 43 Resp: 349564

Ion Ratio Lower Upper

43 100

72 27.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 50.462 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015774.D

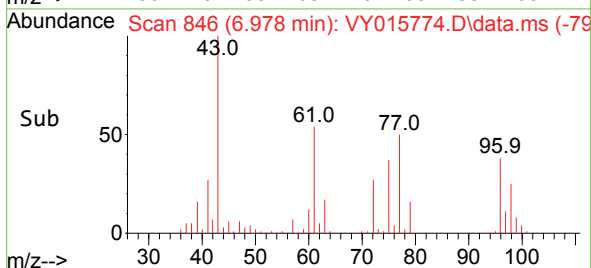
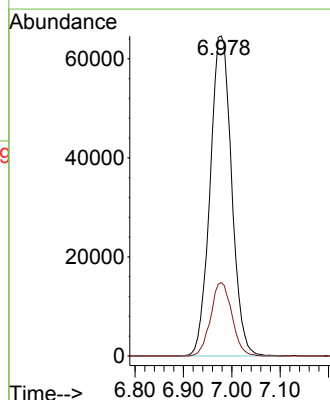
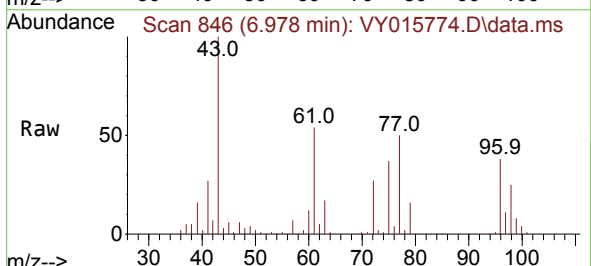
Acq: 02 Oct 2023 11:48

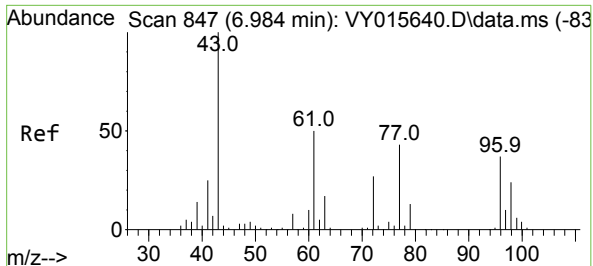
Tgt Ion: 77 Resp: 199921

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.545 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

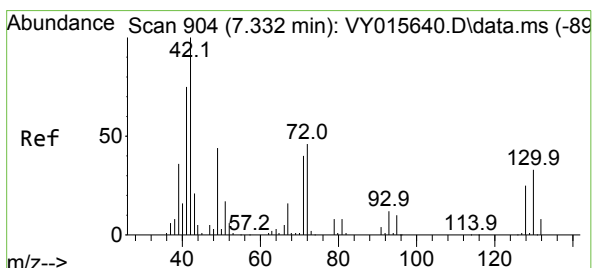
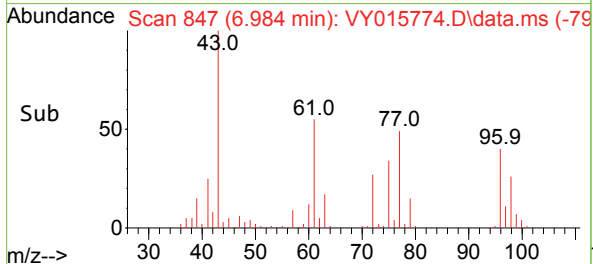
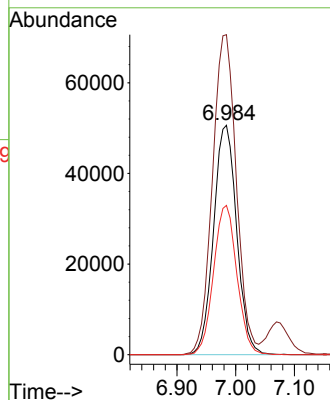
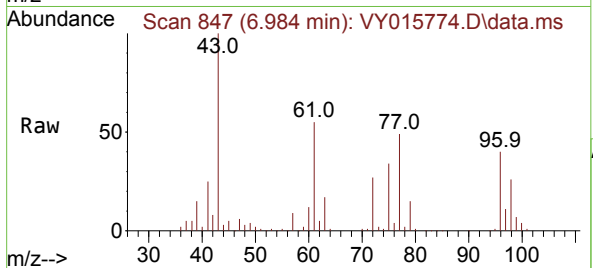
Tgt Ion: 96 Resp: 138617

Ion Ratio Lower Upper

96 100

61 144.3 0.0 301.4

98 65.7 0.0 130.4



#28

Bromochloromethane

Concen: 48.129 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

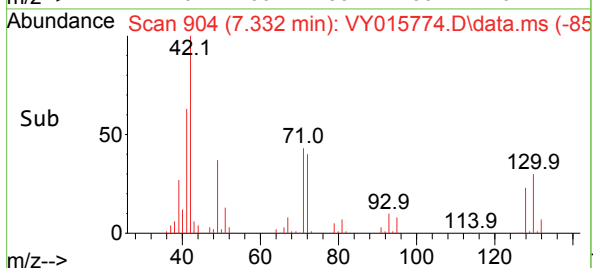
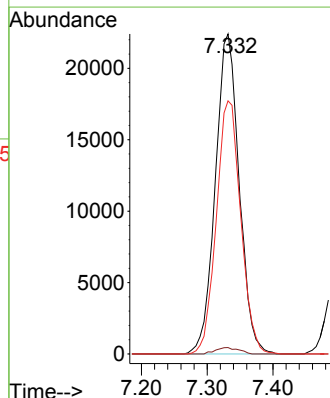
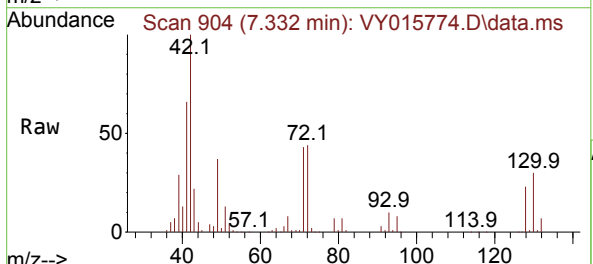
Tgt Ion: 49 Resp: 56600

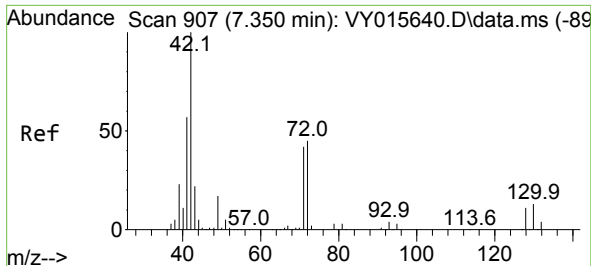
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 80.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 213.677 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

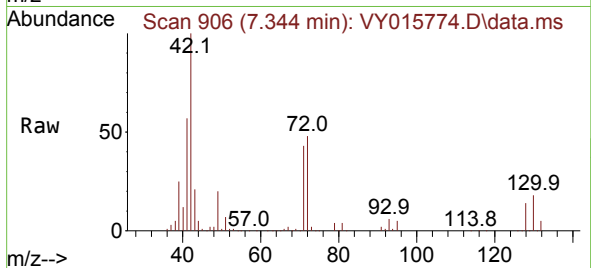
Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :



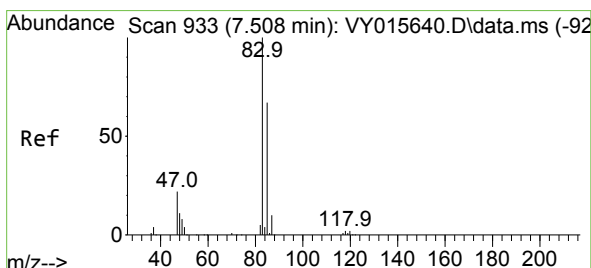
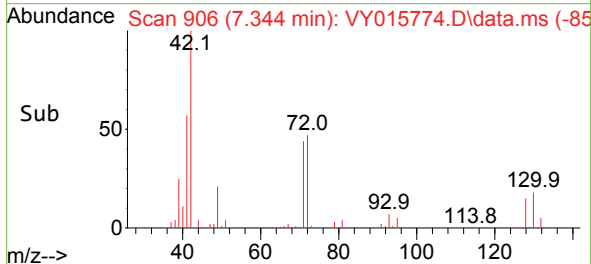
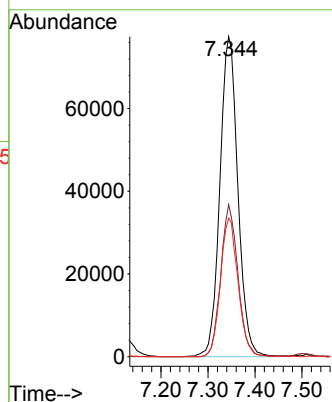
Tgt Ion: 42 Resp: 206492

Ion Ratio Lower Upper

42 100

72 45.3 32.8 49.2

71 42.4 31.0 46.4



#30

Chloroform

Concen: 51.015 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015774.D

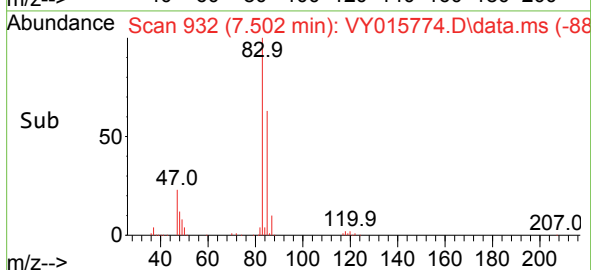
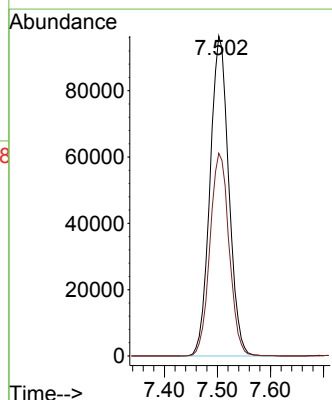
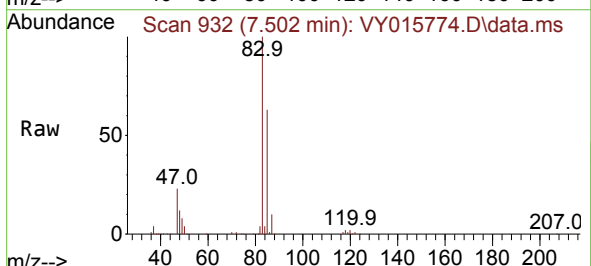
Acq: 02 Oct 2023 11:48

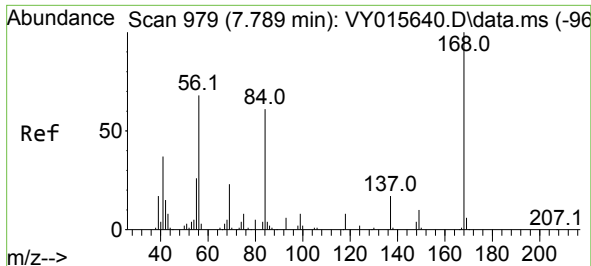
Tgt Ion: 83 Resp: 236810

Ion Ratio Lower Upper

83 100

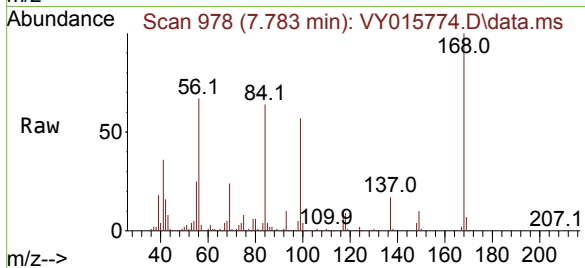
85 63.3 49.7 74.5



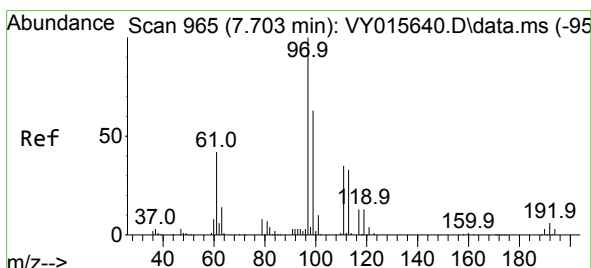
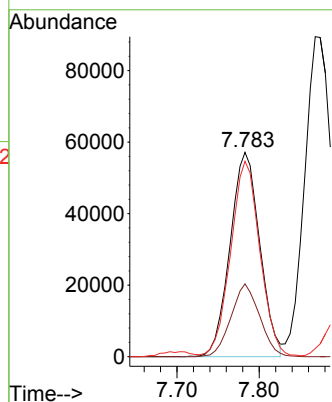
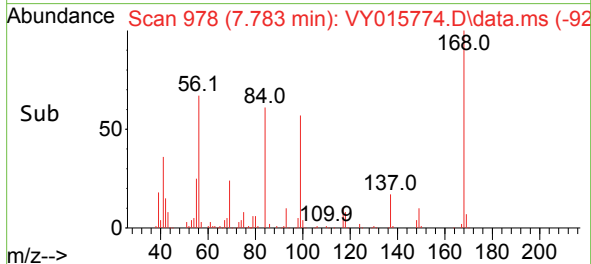


#31
Cyclohexane
Concen: 45.878 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Instrument :
MSVOA_Y
ClientSampleId :

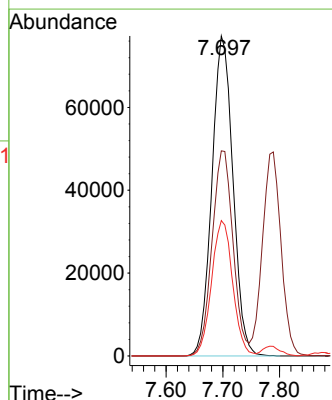
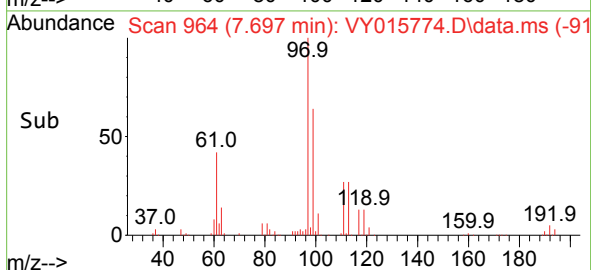
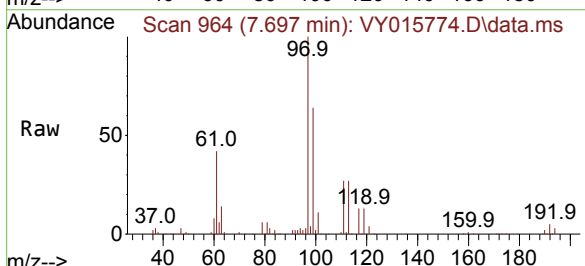


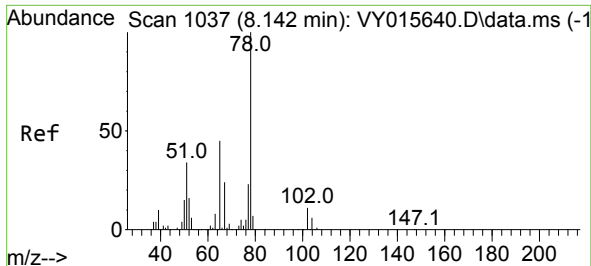
Tgt Ion: 56 Resp: 143654
Ion Ratio Lower Upper
56 100
69 35.6 27.8 41.6
84 93.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.916 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 97 Resp: 198942
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 42.5 35.1 52.7

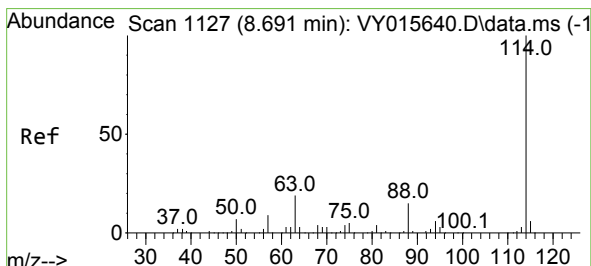
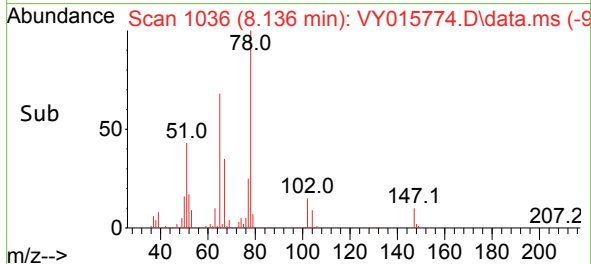
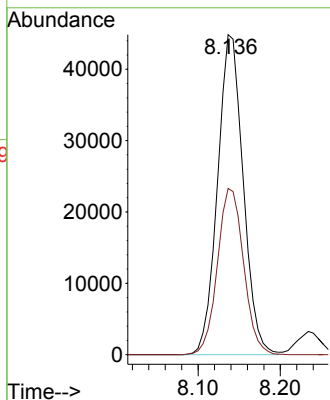
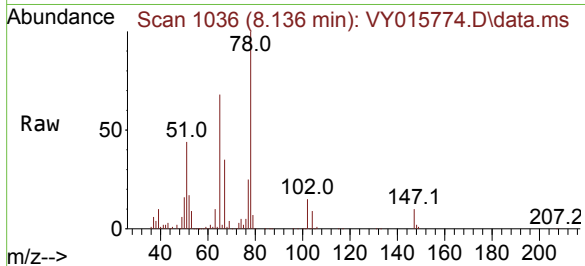




#33
 1,2-Dichloroethane-d4
 Concen: 43.064 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

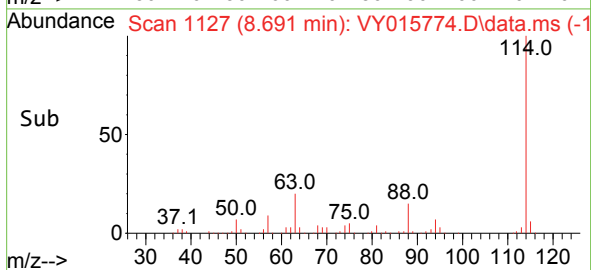
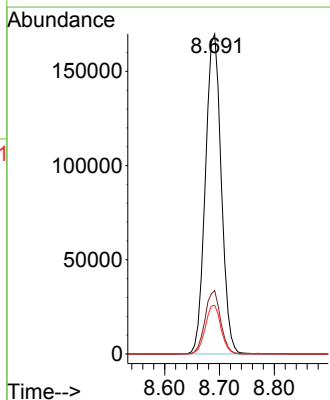
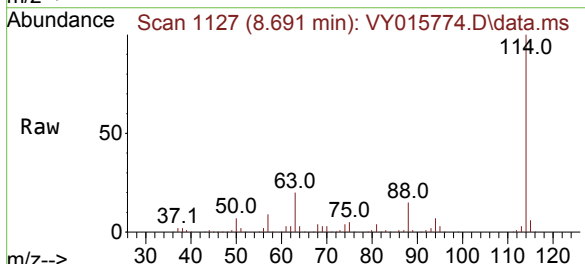
Instrument :
 MSVOA_Y
 ClientSampleId :

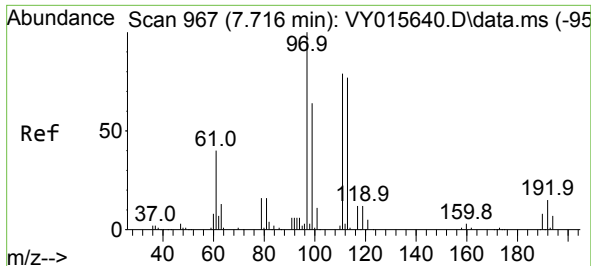
Tgt Ion: 65 Resp: 97338
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

Tgt Ion: 114 Resp: 340040
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.2 0.0 30.6

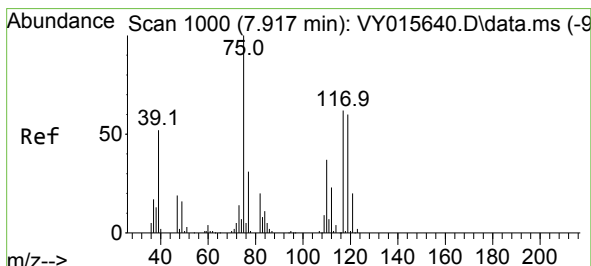
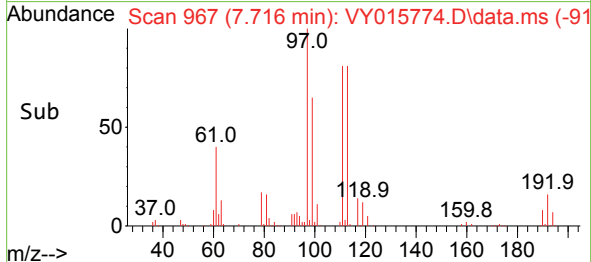
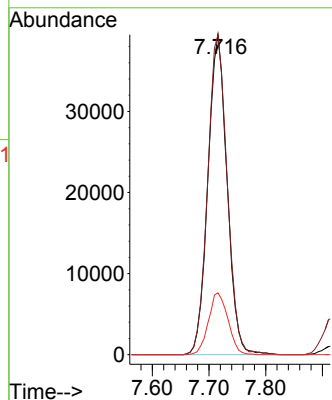
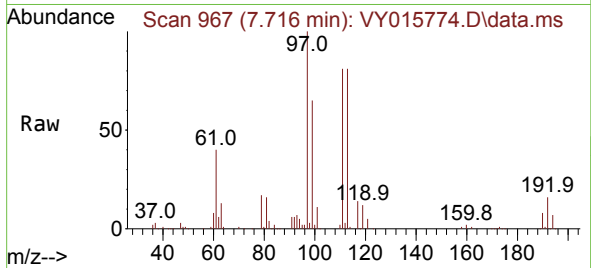




#35
Dibromofluoromethane
Concen: 45.466 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

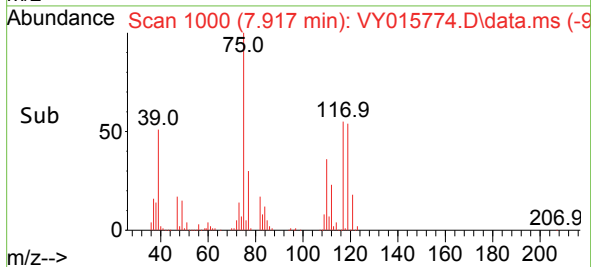
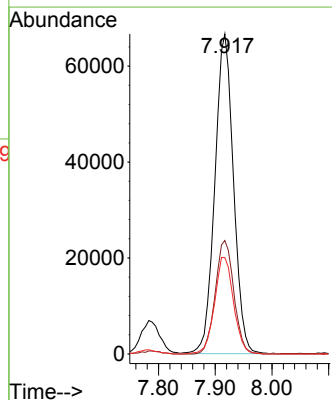
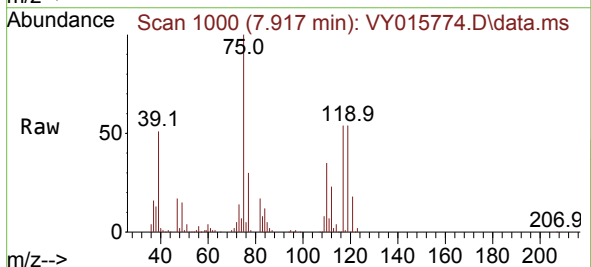
Instrument :
MSVOA_Y
ClientSampleId :

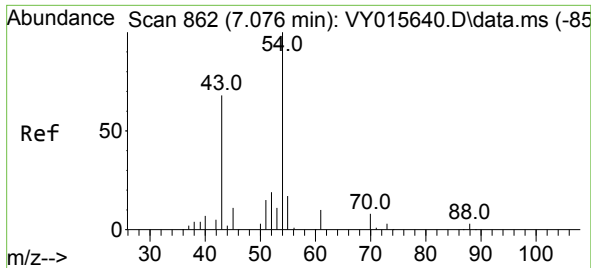
Tgt Ion:113 Resp: 92534
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.497 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 75 Resp: 151959
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 30.9 24.4 36.6

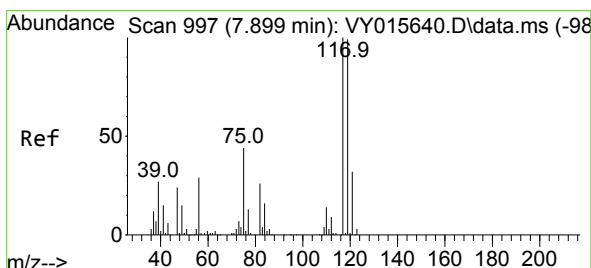
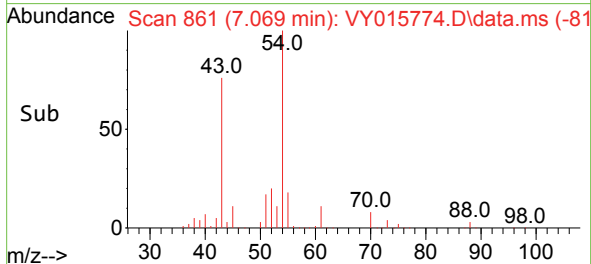
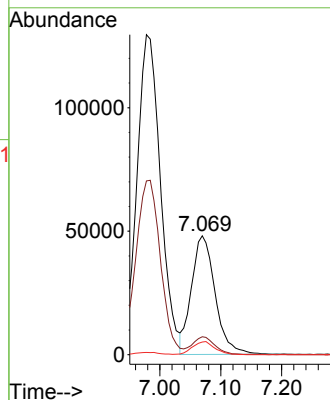
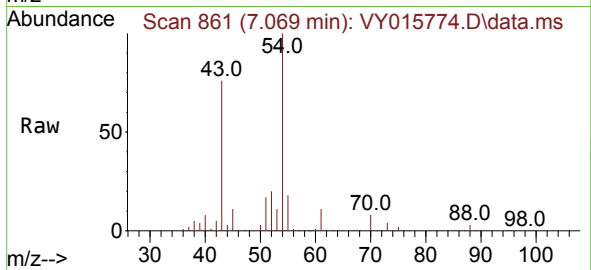




#37
Ethyl Acetate
Concen: 43.237 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

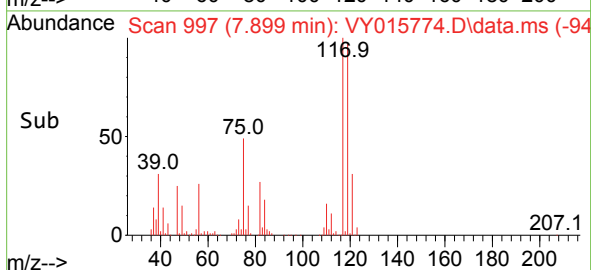
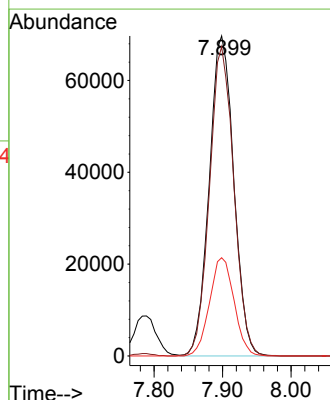
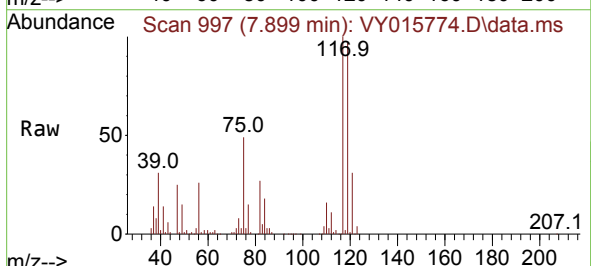
Instrument :
MSVOA_Y
ClientSampleId :

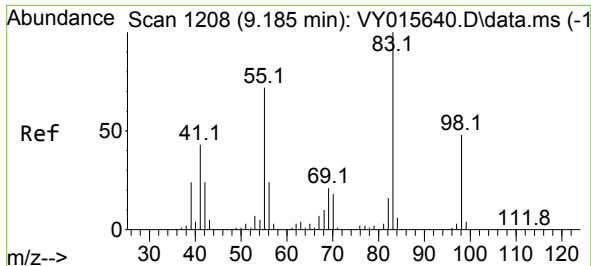
Tgt Ion: 43 Resp: 129781
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.084 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 117 Resp: 173397
Ion Ratio Lower Upper
117 100
119 96.7 76.4 114.6
121 30.7 25.8 38.6

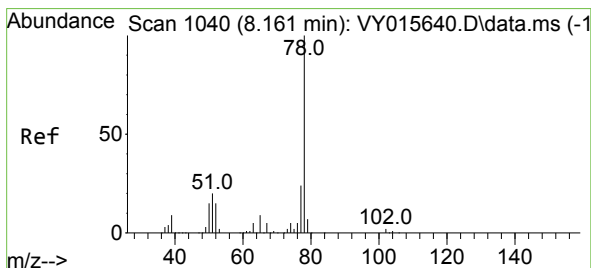
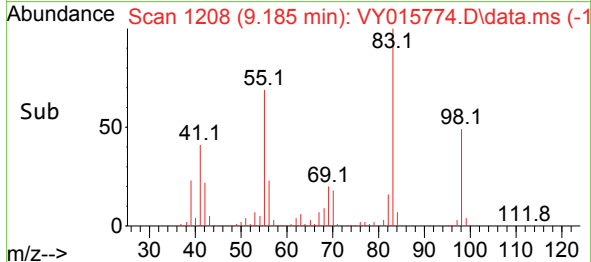
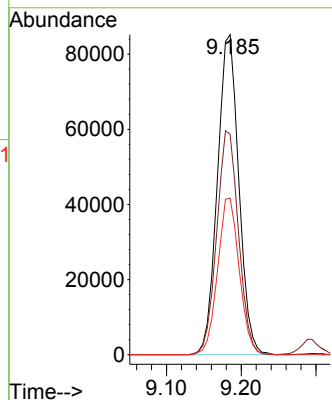
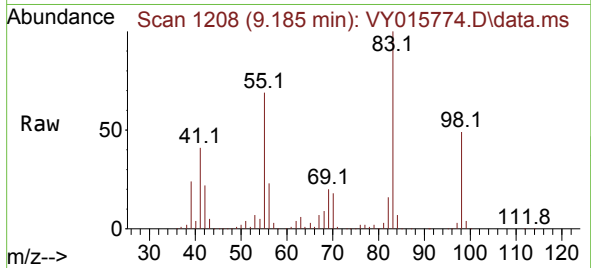




#39
Methylcyclohexane
Concen: 51.029 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

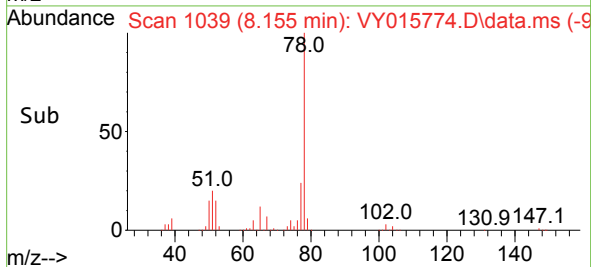
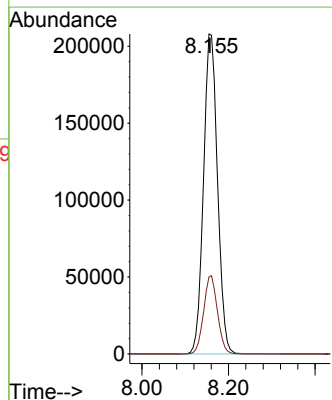
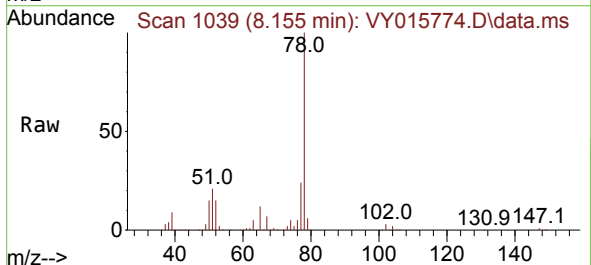
Instrument :
MSVOA_Y
ClientSampleId :

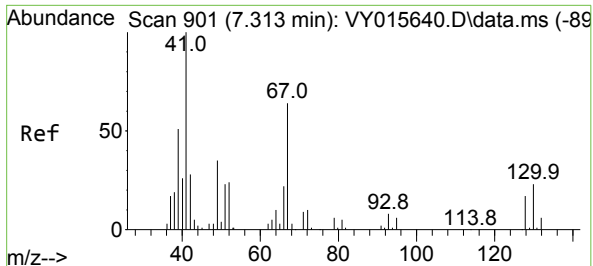
Tgt Ion: 83 Resp: 169846
Ion Ratio Lower Upper
83 100
55 68.9 63.0 94.4
98 48.9 37.4 56.2



#40
Benzene
Concen: 50.738 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 78 Resp: 465621
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

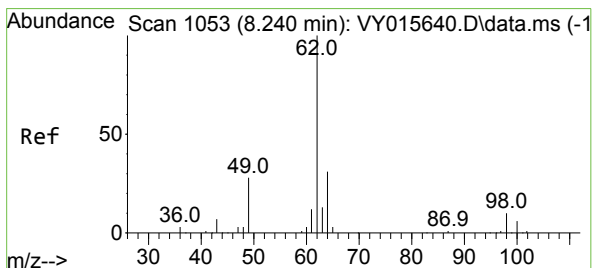
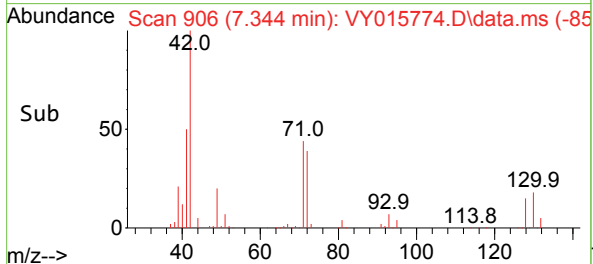
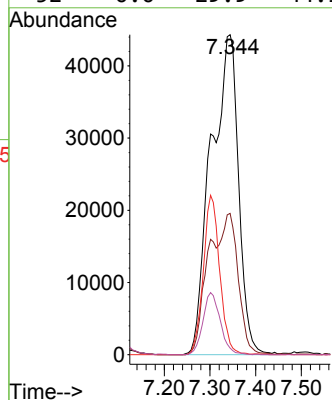
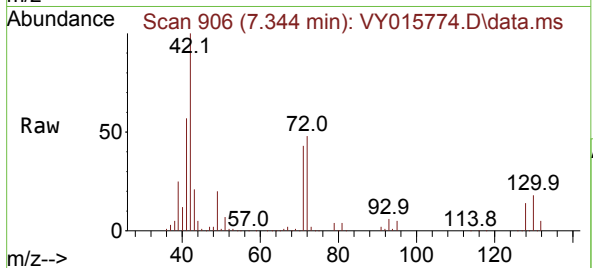




#41
Methacrylonitrile
Concen: 114.218 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

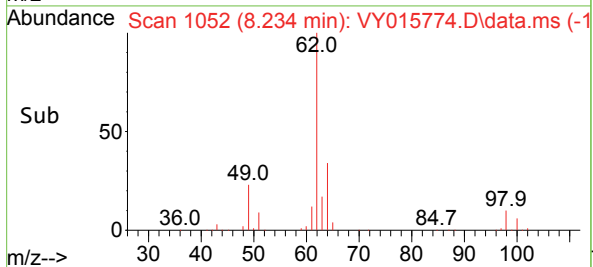
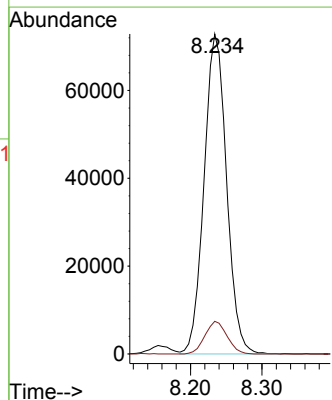
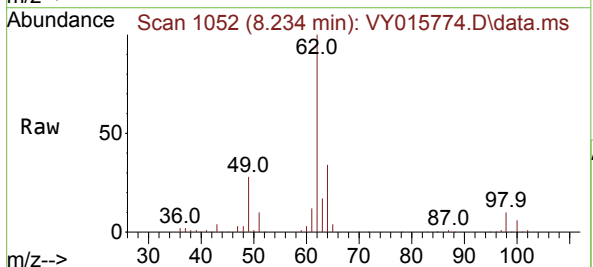
Instrument :
MSVOA_Y
ClientSampleId :

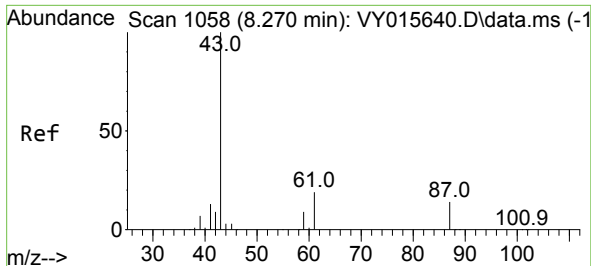
Tgt Ion: 41 Resp: 184600
Ion Ratio Lower Upper
41 100
39 23.2 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.667 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

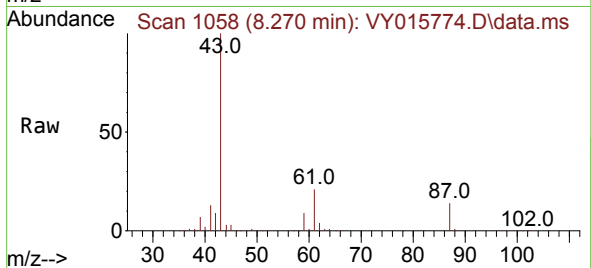
Tgt Ion: 62 Resp: 159243
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8



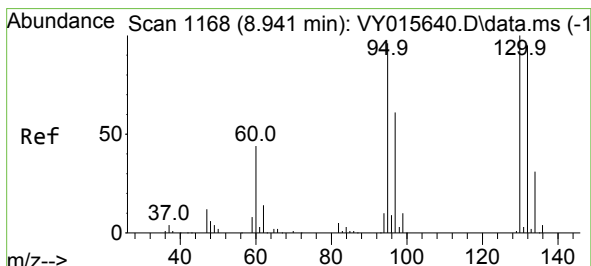
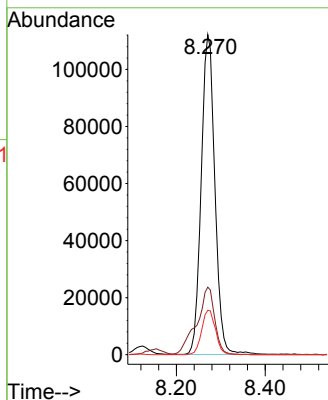
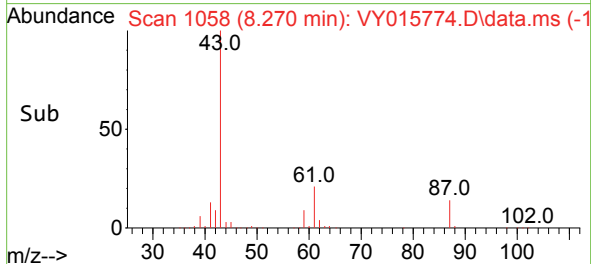


#43
Isopropyl Acetate
Concen: 46.975 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Instrument :
MSVOA_Y
ClientSampleId :

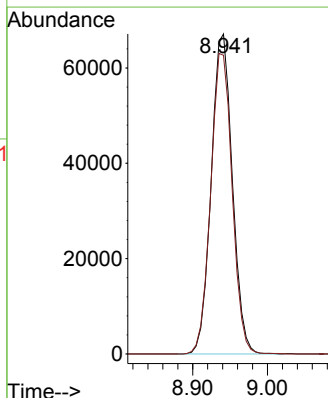
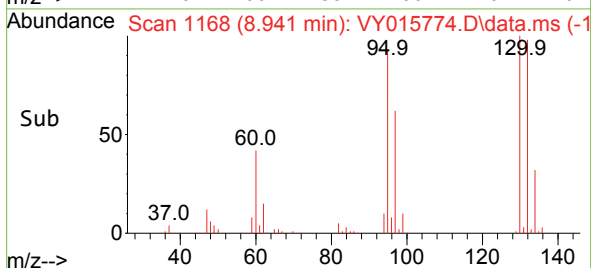
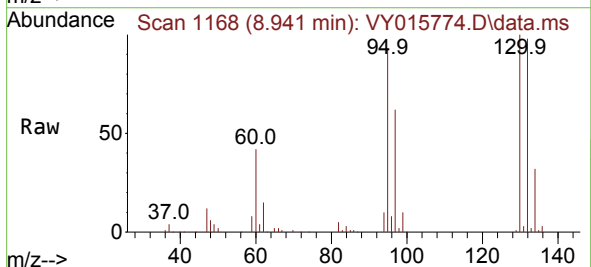


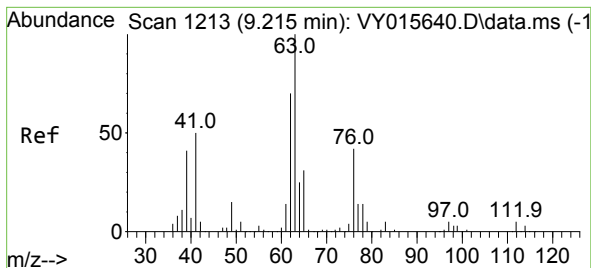
Tgt Ion: 43 Resp: 240860
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 51.438 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion:130 Resp: 131844
Ion Ratio Lower Upper
130 100
95 93.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.136 ug/l

RT: 9.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

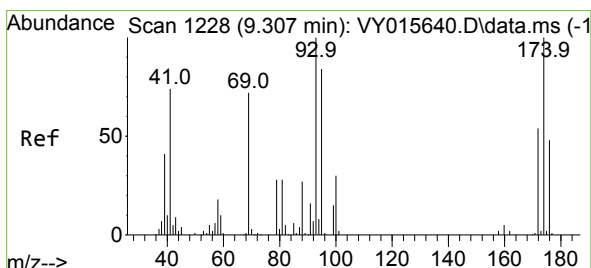
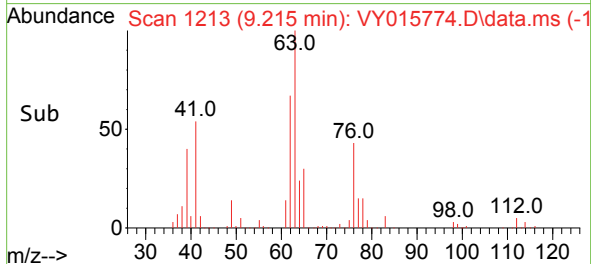
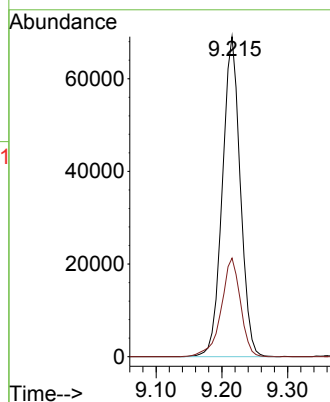
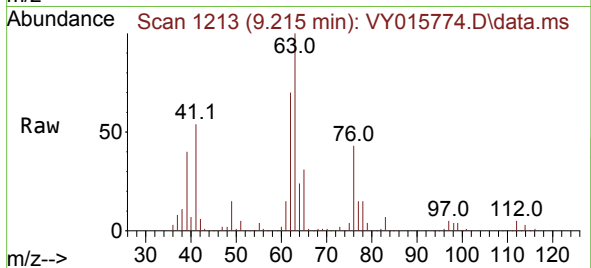
ClientSampleId :

Tgt Ion: 63 Resp: 130867

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 49.391 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

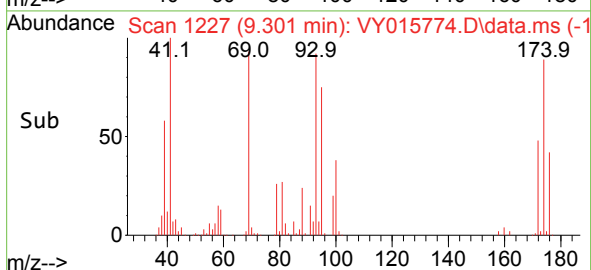
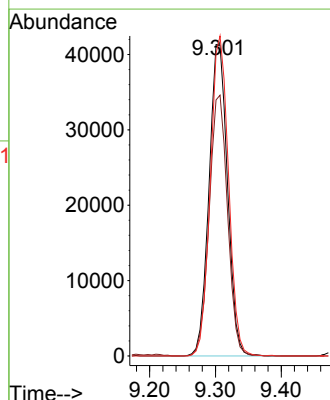
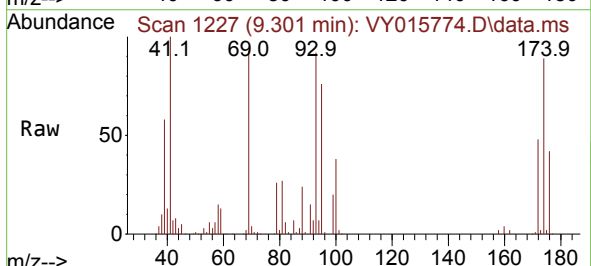
Tgt Ion: 93 Resp: 80855

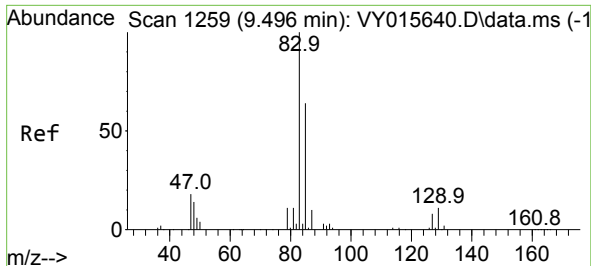
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 101.0 84.8 127.2

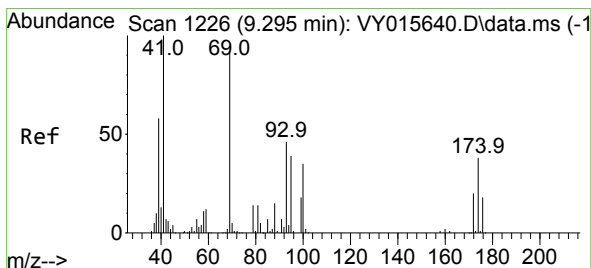
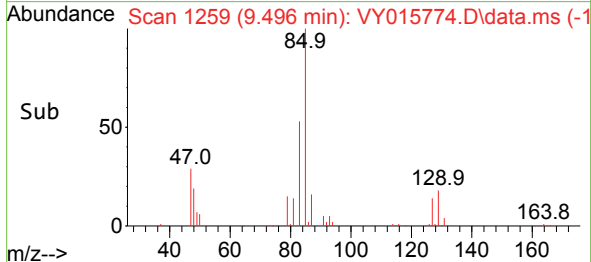
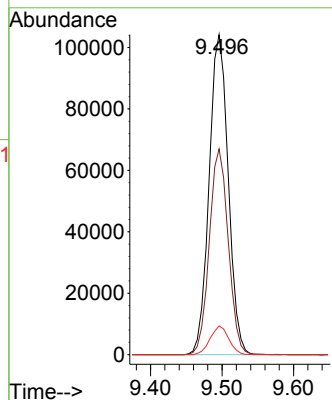
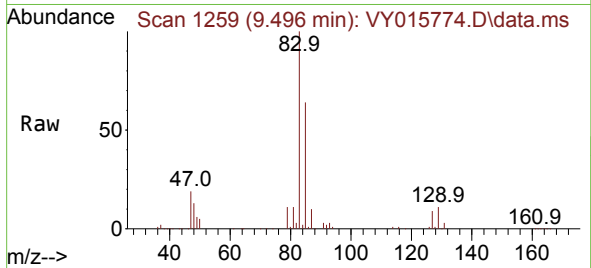




#47
Bromodichloromethane
Concen: 52.943 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

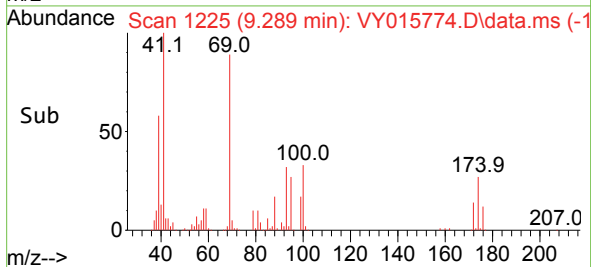
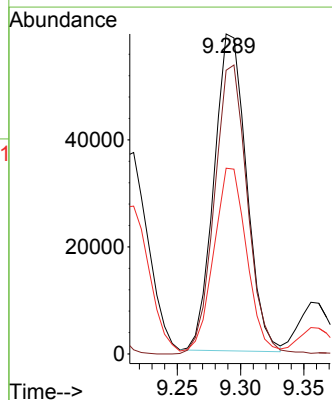
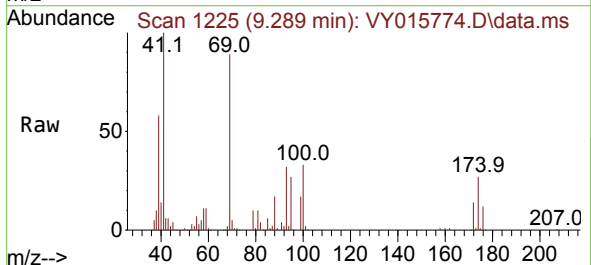
Instrument :
MSVOA_Y
ClientSampleId :

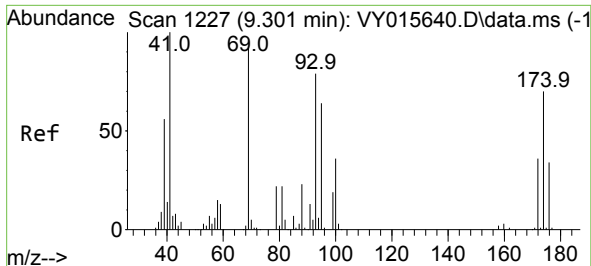
Tgt Ion: 83 Resp: 193184
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 46.985 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 41 Resp: 105744
Ion Ratio Lower Upper
41 100
69 92.8 64.5 96.7
39 60.0 50.8 76.2





#49

1,4-Dioxane

Concen: 922.452 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

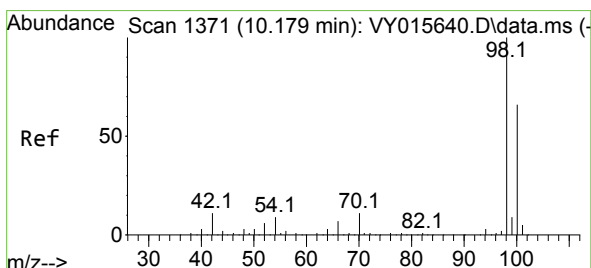
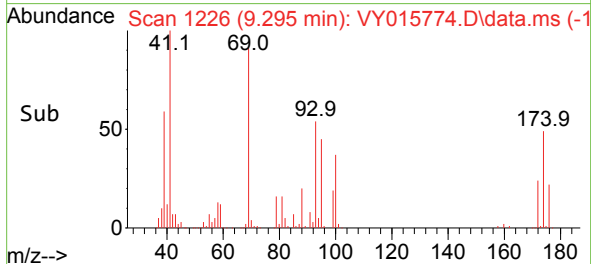
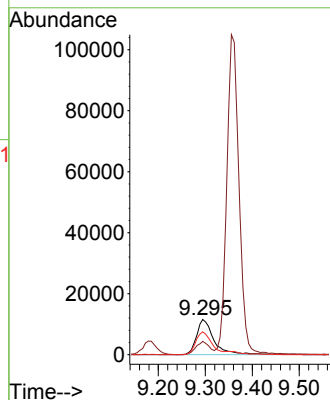
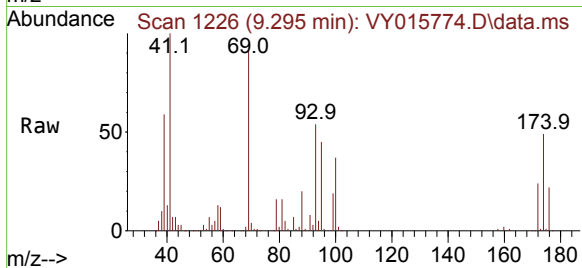
Tgt Ion: 88 Resp: 29833

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 67.7 30.9 46.3#



#50

Toluene-d8

Concen: 45.622 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015774.D

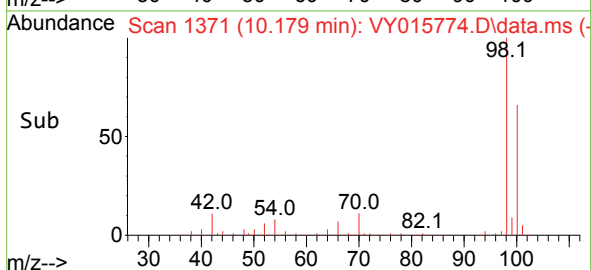
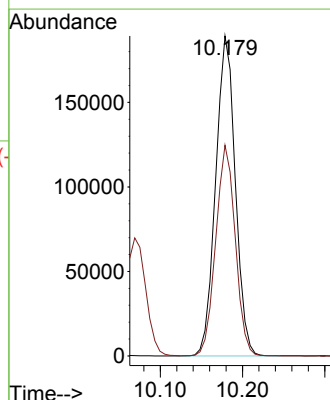
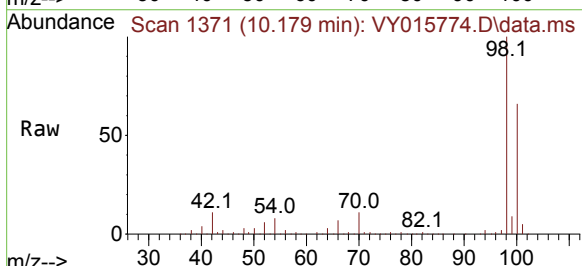
Acq: 02 Oct 2023 11:48

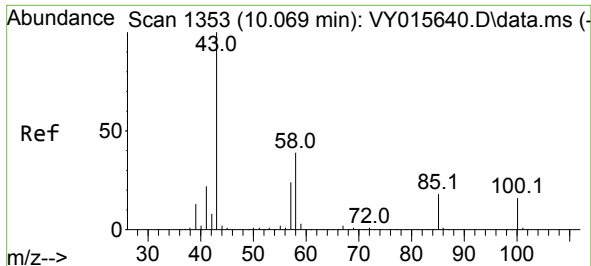
Tgt Ion: 98 Resp: 314828

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

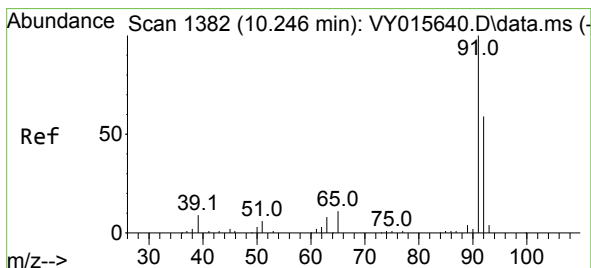
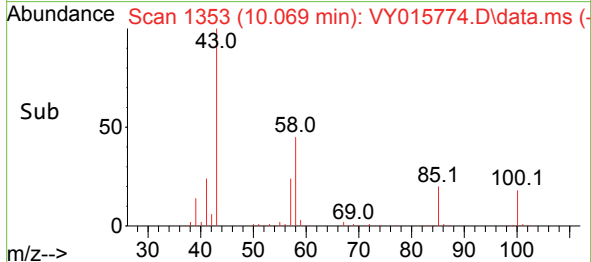
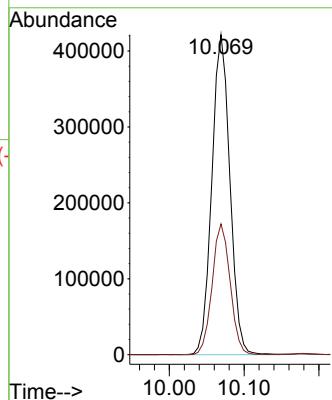
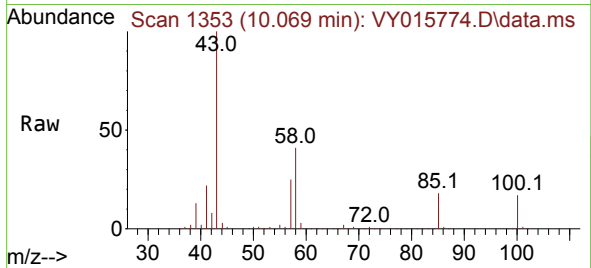




#51
4-Methyl-2-Pentanone
Concen: 223.273 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

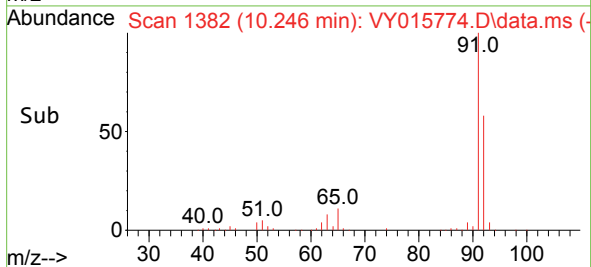
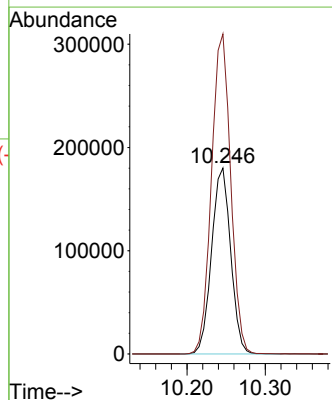
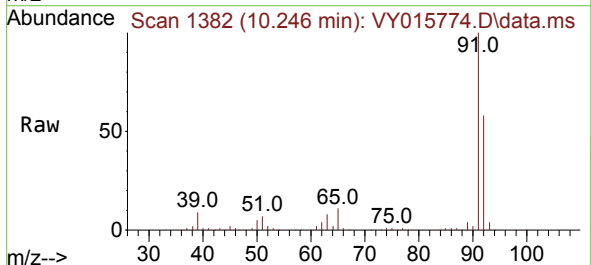
Instrument :
MSVOA_Y
ClientSampleId :

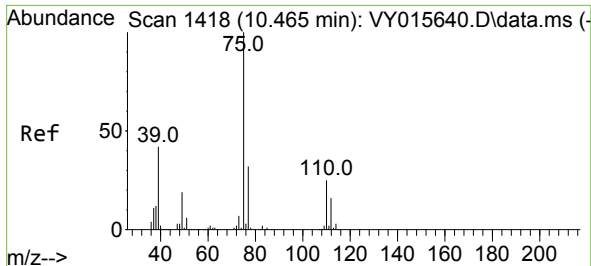
Tgt Ion: 43 Resp: 709567
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6



#52
Toluene
Concen: 51.515 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 92 Resp: 304780
Ion Ratio Lower Upper
92 100
91 173.3 143.8 215.6

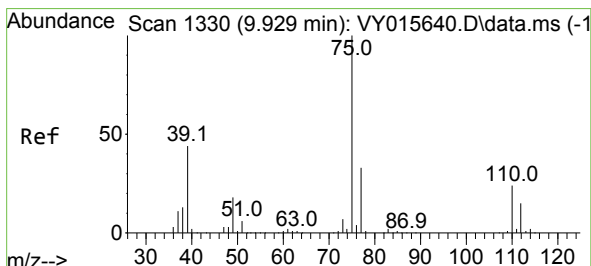
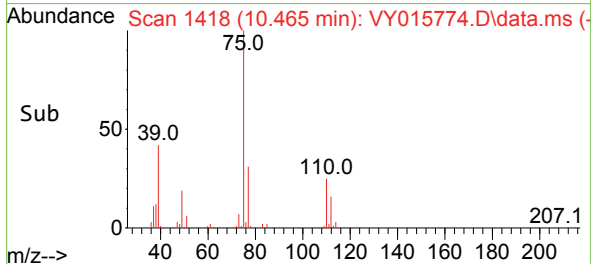
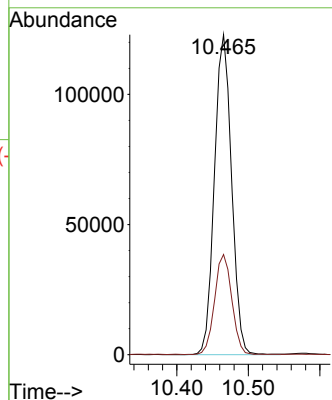
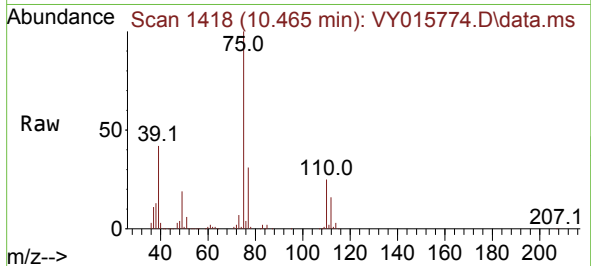




#53
 t-1,3-Dichloropropene
 Concen: 52.249 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

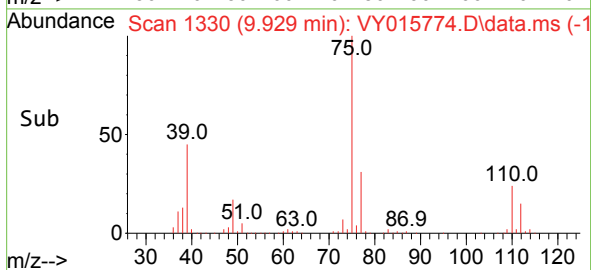
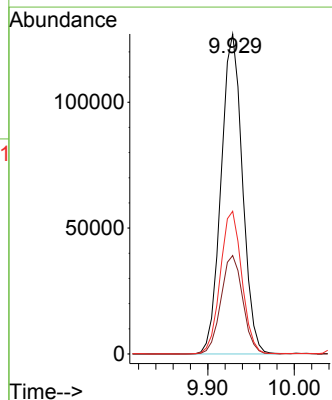
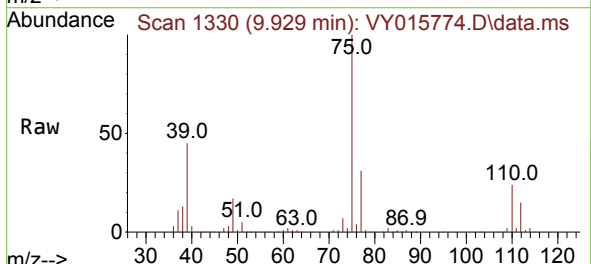
Instrument :
 MSVOA_Y
 ClientSampleId :

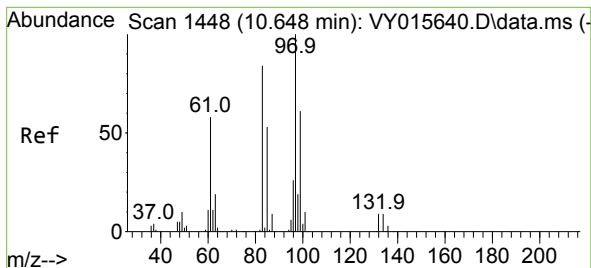
Tgt Ion: 75 Resp: 204449
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.657 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

Tgt Ion: 75 Resp: 217580
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 44.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 50.355 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 120803

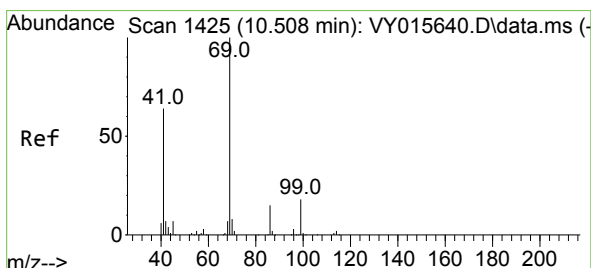
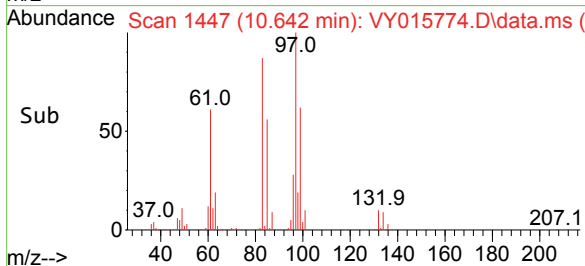
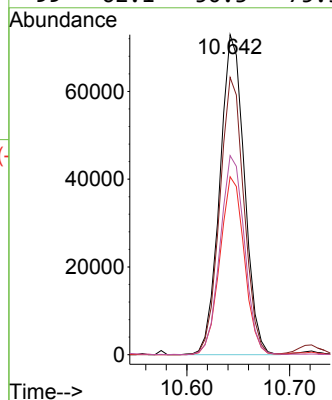
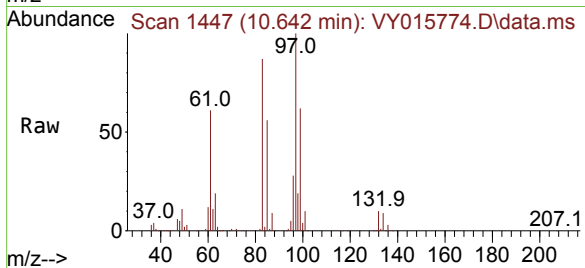
Ion Ratio Lower Upper

97 100

83 86.7 72.0 108.0

85 55.6 45.4 68.0

99 62.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.753 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

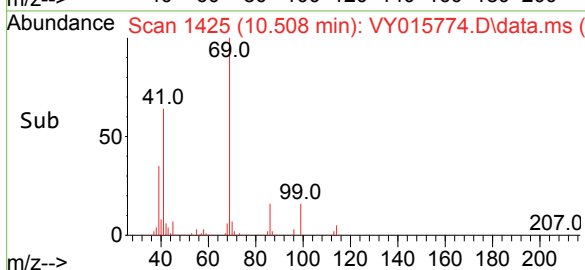
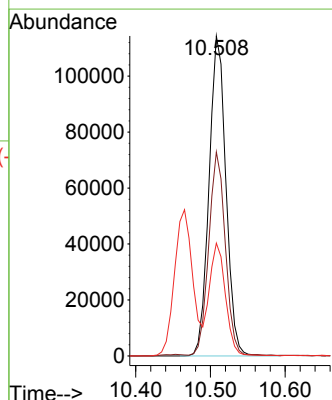
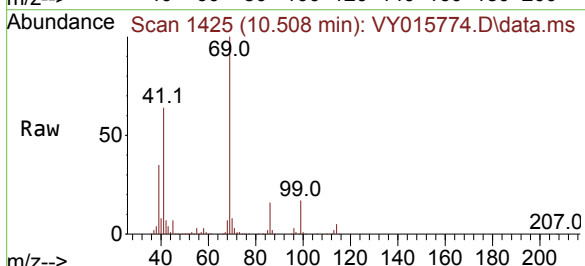
Tgt Ion: 69 Resp: 179435

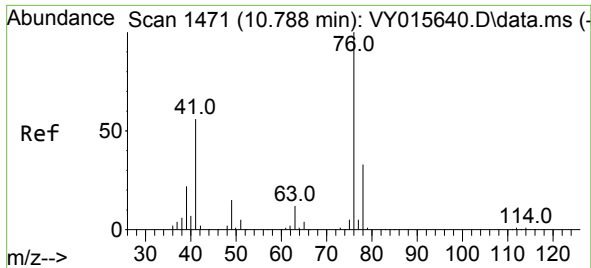
Ion Ratio Lower Upper

69 100

41 62.2 57.6 86.4

39 33.3 34.1 51.1#

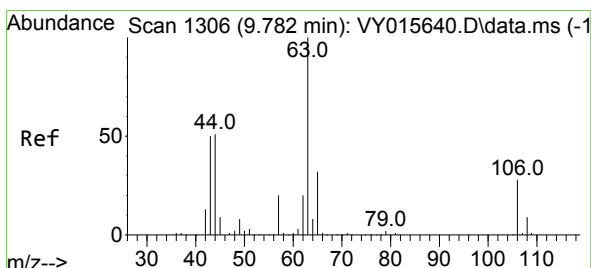
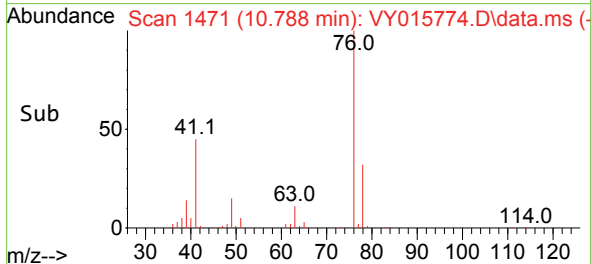
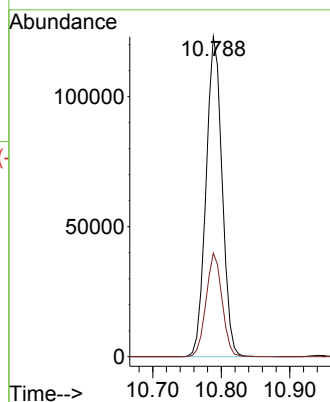
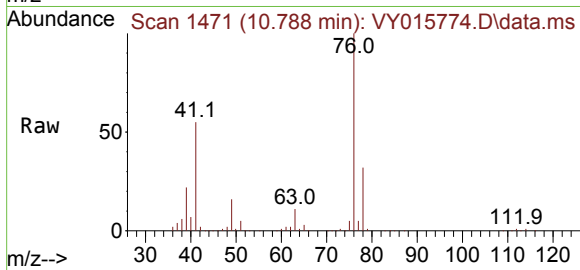




#57
1,3-Dichloropropane
Concen: 49.860 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

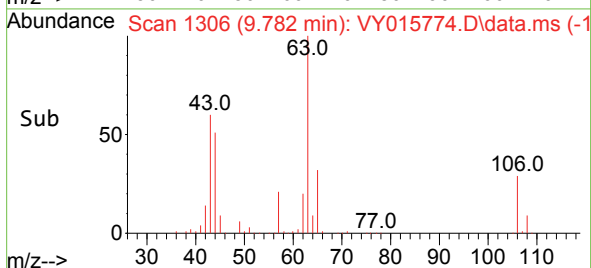
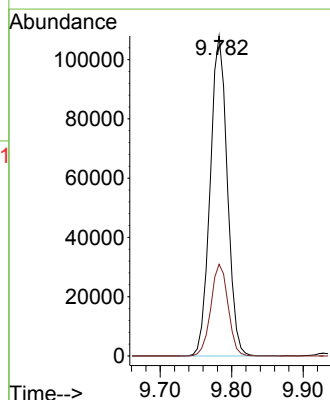
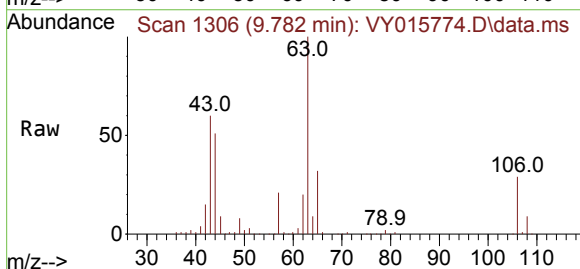
Instrument :
MSVOA_Y
ClientSampleId :

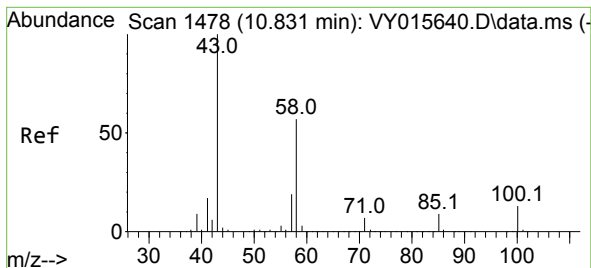
Tgt Ion: 76 Resp: 200591
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 159.787 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 63 Resp: 179442
Ion Ratio Lower Upper
63 100
106 28.7 21.2 31.8

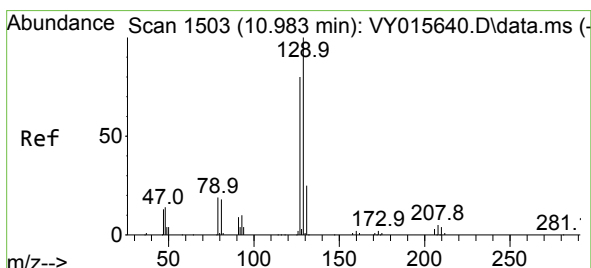
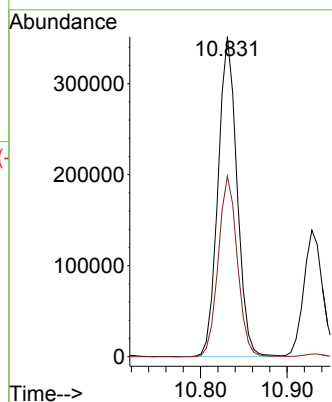
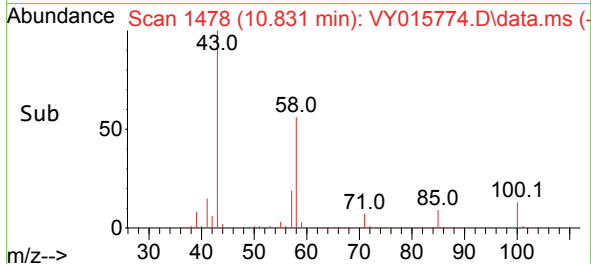
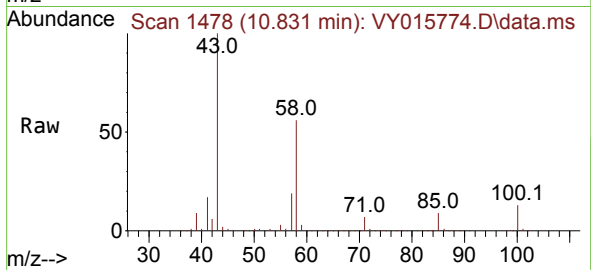




#59
2-Hexanone
Concen: 218.970 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

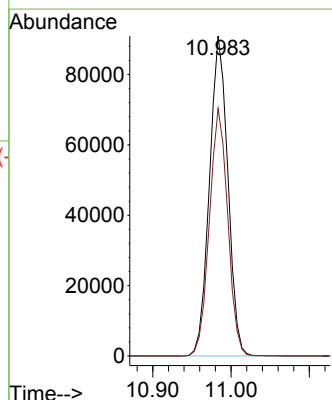
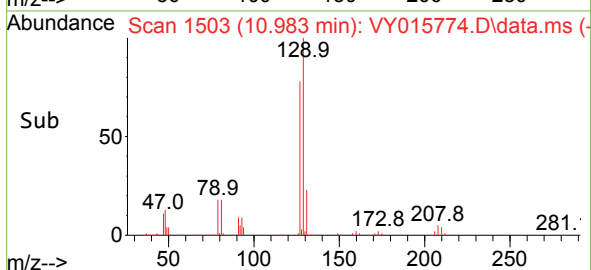
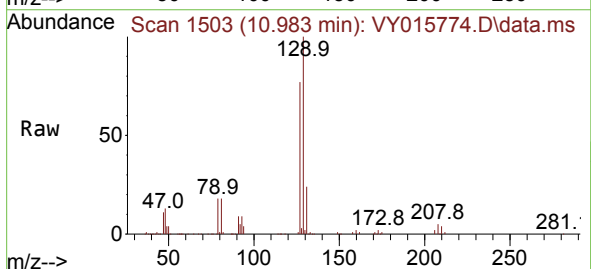
Instrument :
MSVOA_Y
ClientSampleId :

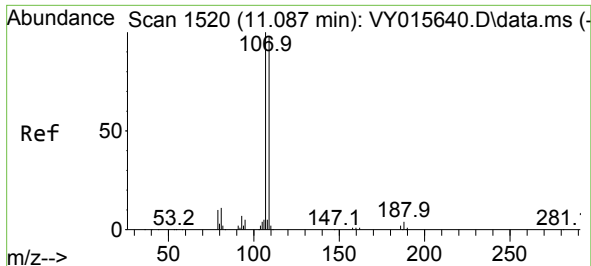
Tgt Ion: 43 Resp: 533896
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3



#60
Dibromochloromethane
Concen: 52.807 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 129 Resp: 147885
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

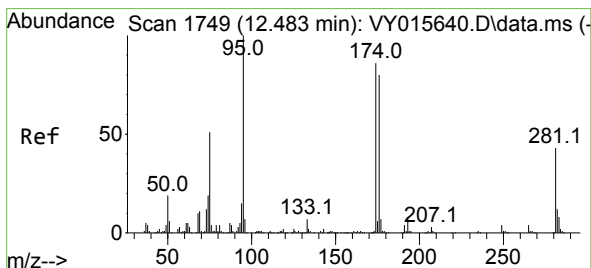
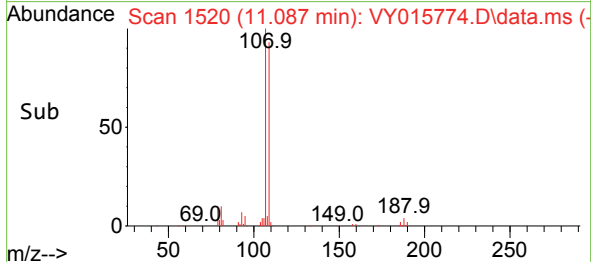
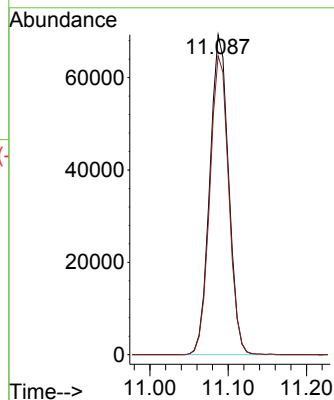
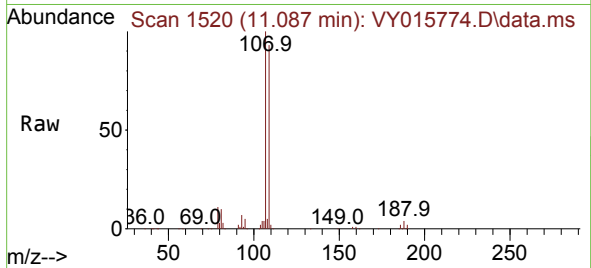




#61
1,2-Dibromoethane
Concen: 49.143 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

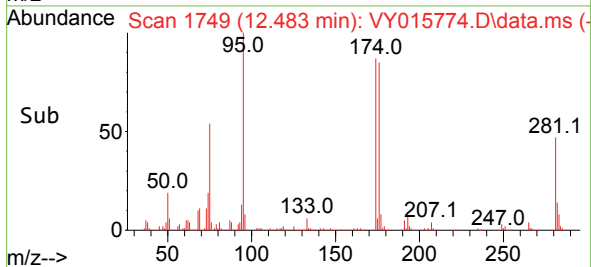
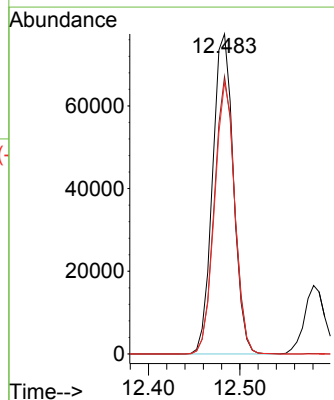
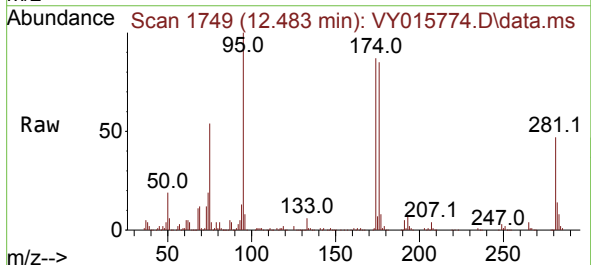
Instrument :
MSVOA_Y
ClientSampleId :

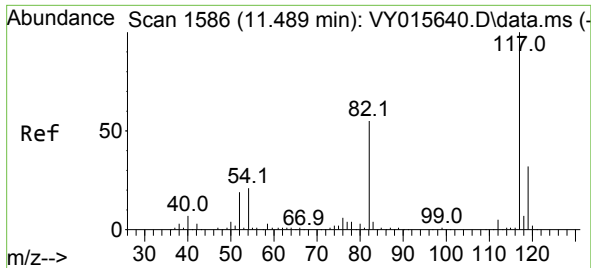
Tgt Ion:107 Resp: 115337
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.248 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 95 Resp: 122538
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 82.5 0.0 173.8

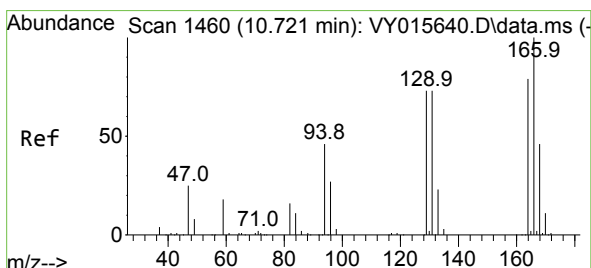
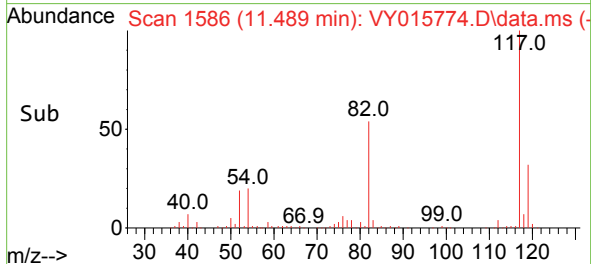
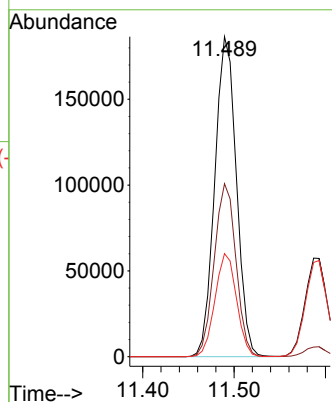
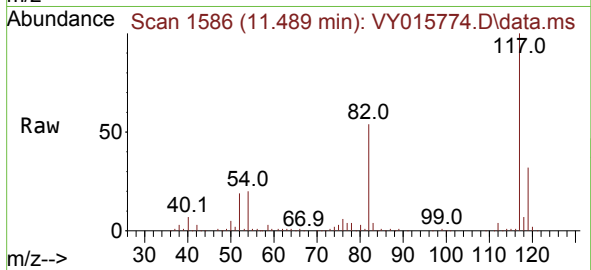




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

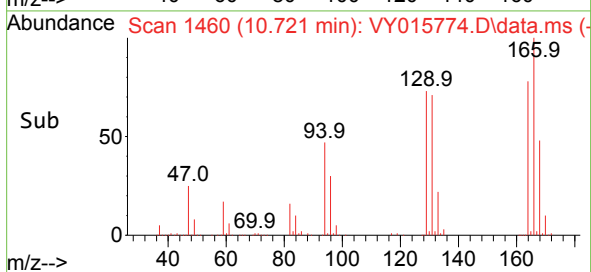
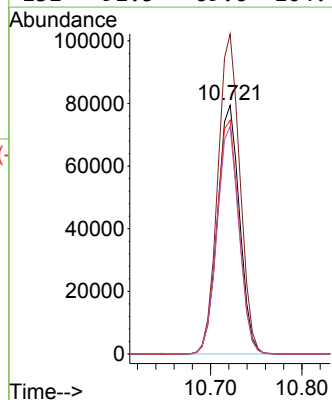
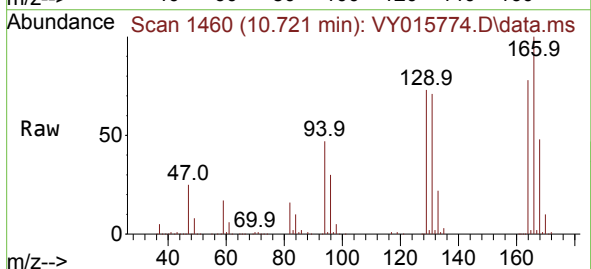
Instrument :
MSVOA_Y
ClientSampleId :

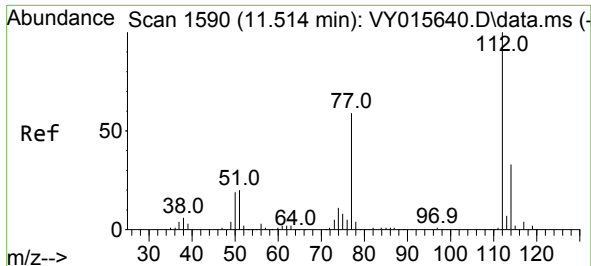
Tgt Ion:117 Resp: 306701
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 50.712 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion:164 Resp: 133443
Ion Ratio Lower Upper
164 100
166 128.7 103.0 154.6
129 94.0 77.2 115.8
131 91.5 69.6 104.4

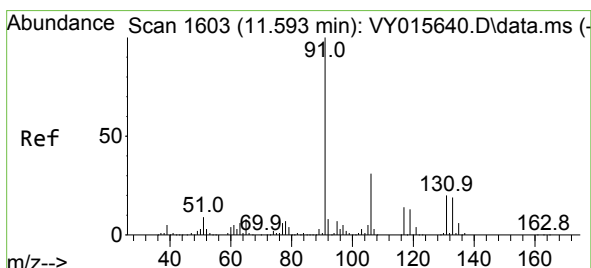
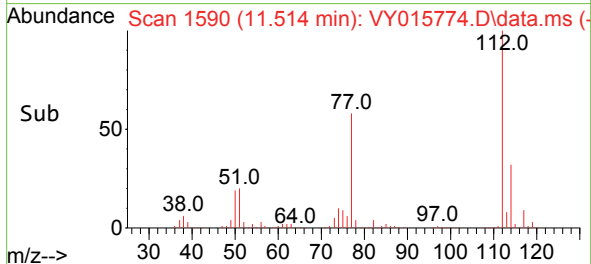
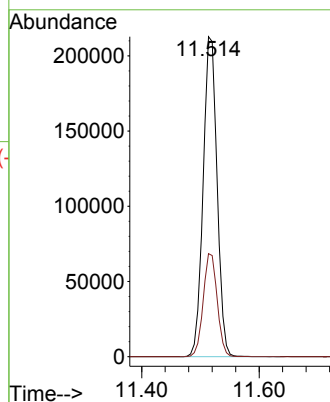
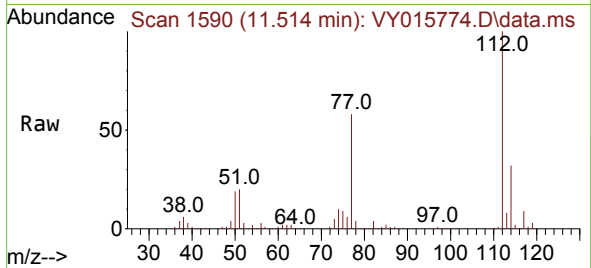




#65
Chlorobenzene
Concen: 52.394 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

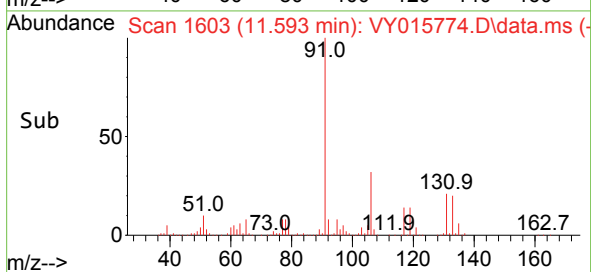
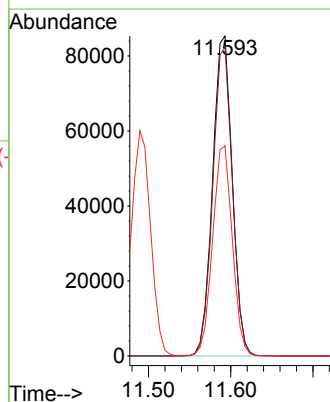
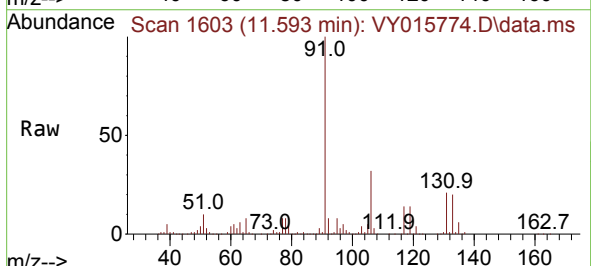
Instrument :
MSVOA_Y
ClientSampleId :

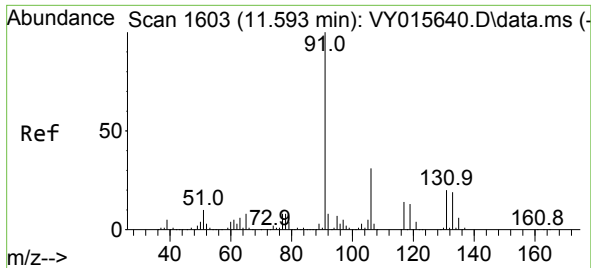
Tgt Ion:112 Resp: 350760
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.679 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion:131 Resp: 142192
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 65.7 31.6 94.7

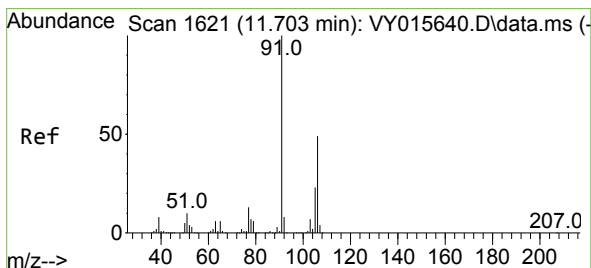
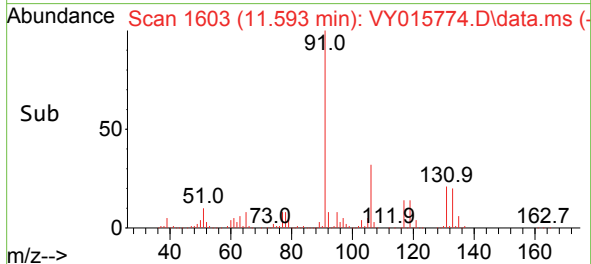
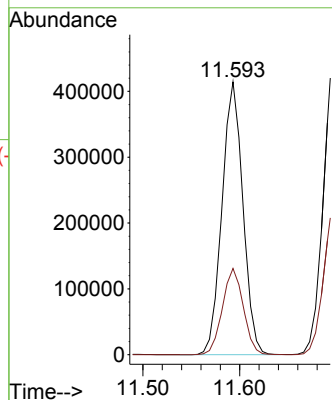
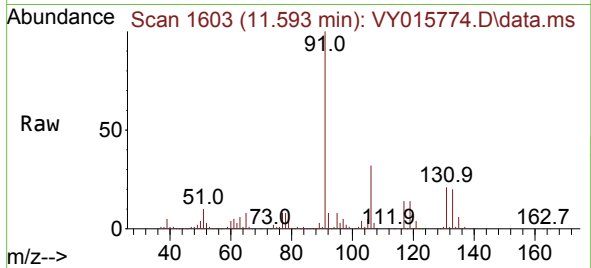




#67
Ethyl Benzene
Concen: 53.090 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

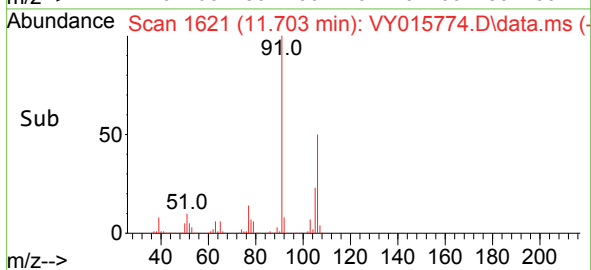
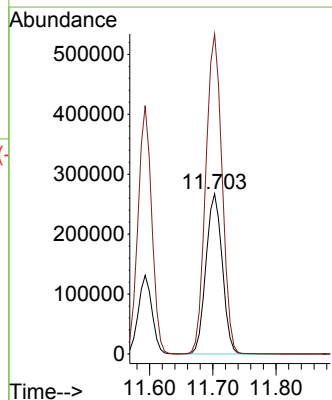
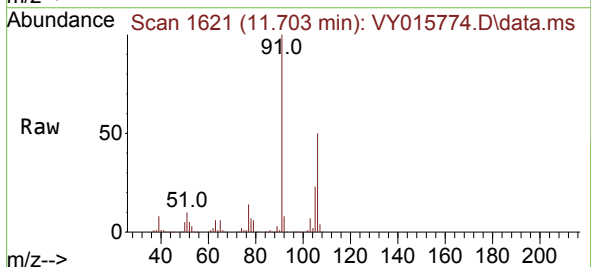
Instrument :
MSVOA_Y
ClientSampleId :

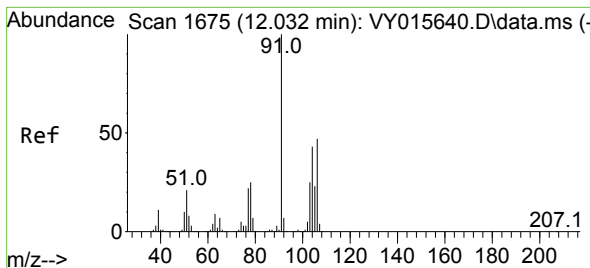
Tgt Ion: 91 Resp: 621233
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 107.500 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 106 Resp: 478117
Ion Ratio Lower Upper
106 100
91 200.4 166.1 249.1

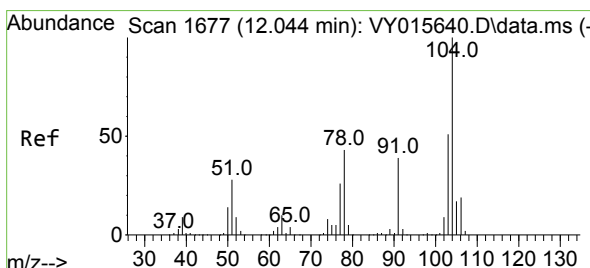
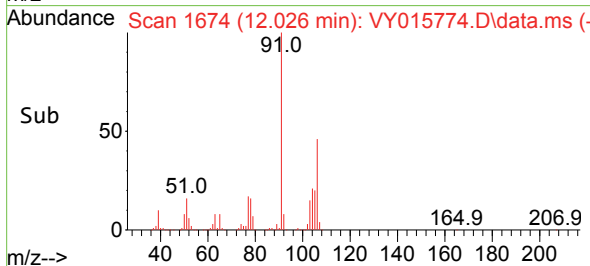
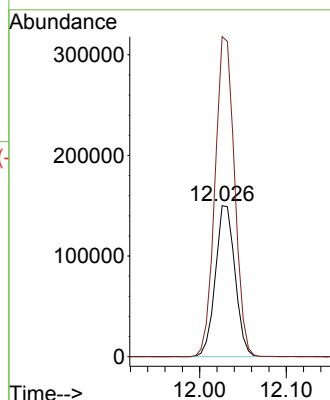
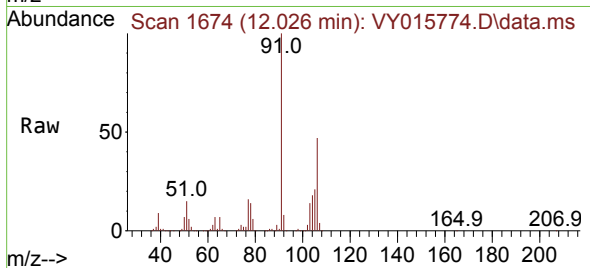




#69
o-Xylene
Concen: 54.194 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

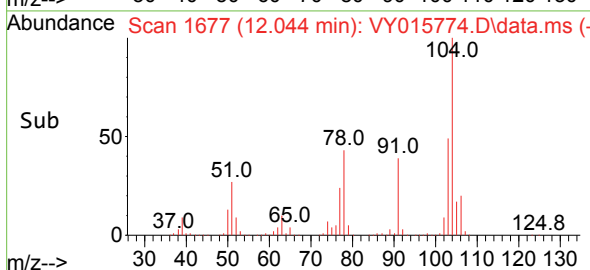
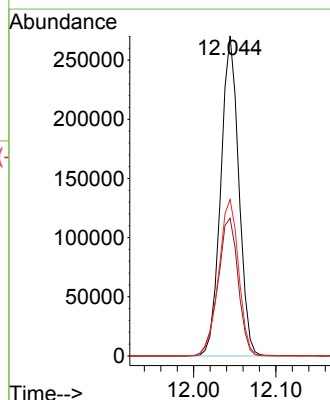
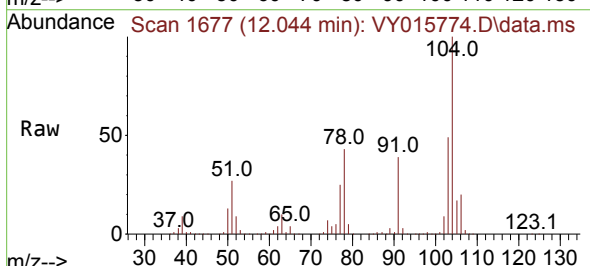
Instrument :
MSVOA_Y
ClientSampleId :

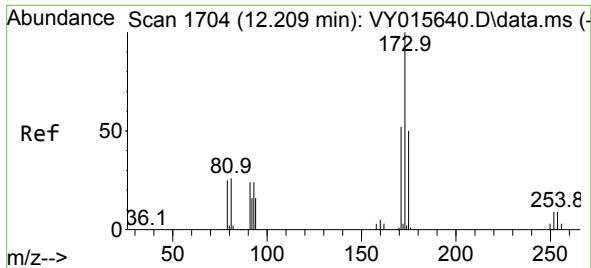
Tgt Ion:106 Resp: 236352
Ion Ratio Lower Upper
106 100
91 211.3 108.1 324.3



#70
Styrene
Concen: 55.150 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion:104 Resp: 411697
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 54.0 44.6 67.0

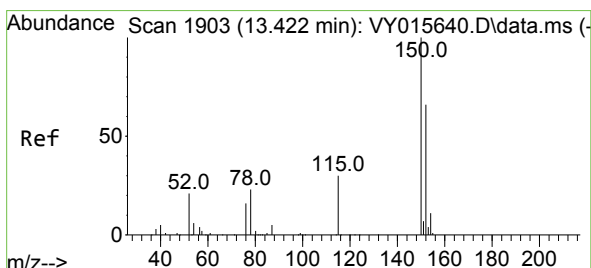
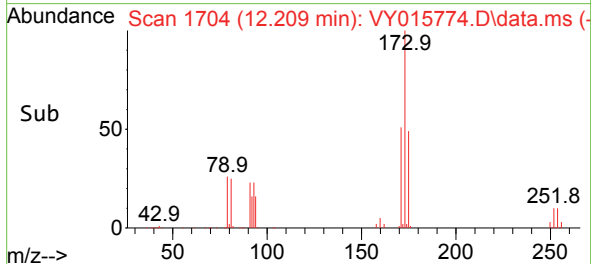
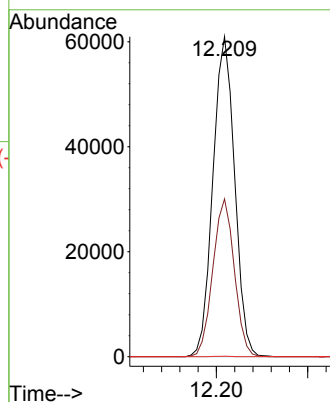
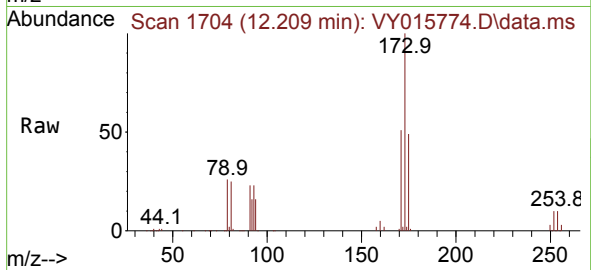




#71
Bromoform
Concen: 53.321 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

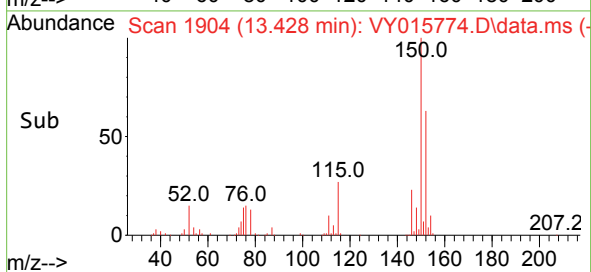
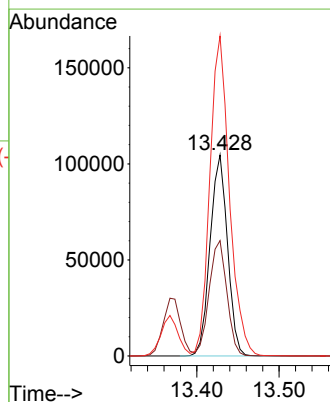
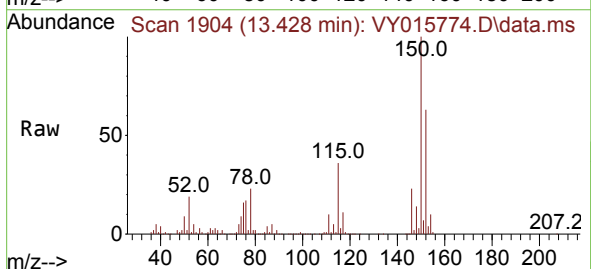
Instrument :
MSVOA_Y
ClientSampleId :

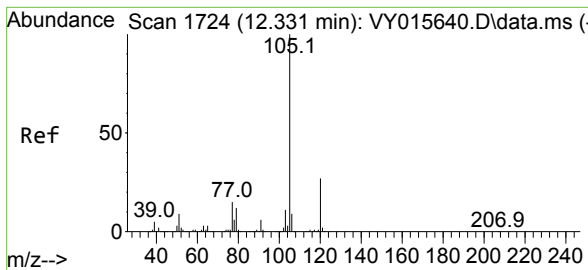
Tgt Ion:173 Resp: 100480
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion:152 Resp: 154161
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 178.7 0.0 348.8

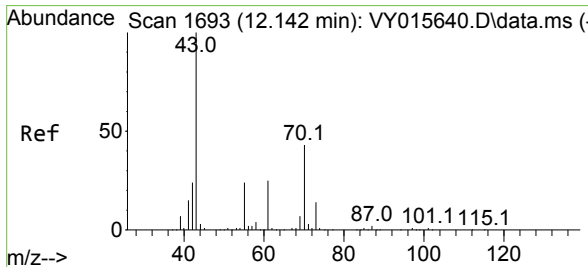
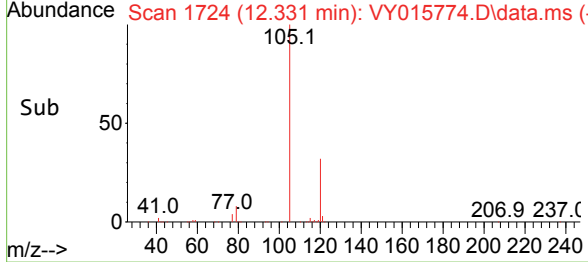
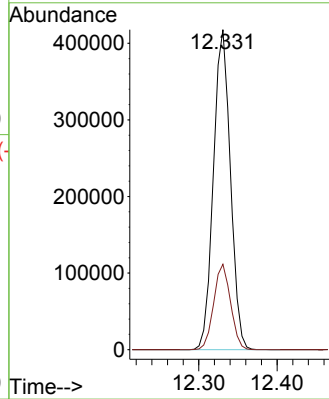
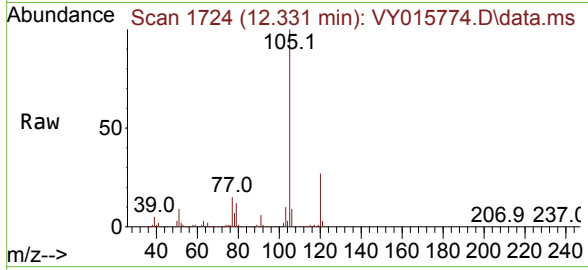




#73
Isopropylbenzene
Concen: 54.421 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

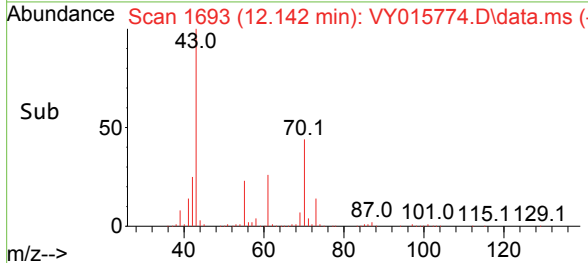
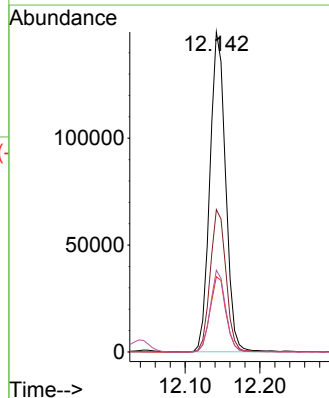
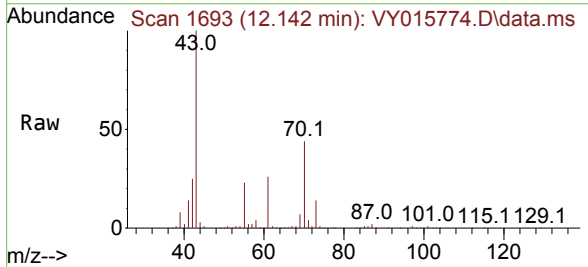
Instrument :
MSVOA_Y
ClientSampleId :

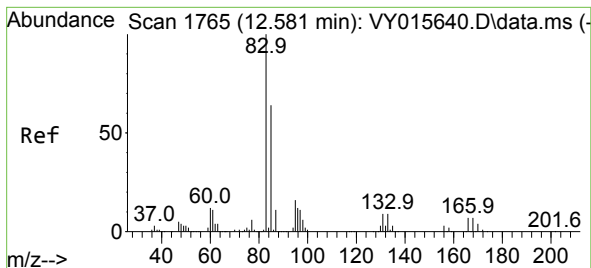
Tgt Ion:105 Resp: 629362
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 50.259 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 43 Resp: 218453
Ion Ratio Lower Upper
43 100
70 44.7 29.7 44.5#
55 23.8 18.3 27.5
61 25.1 17.5 26.3

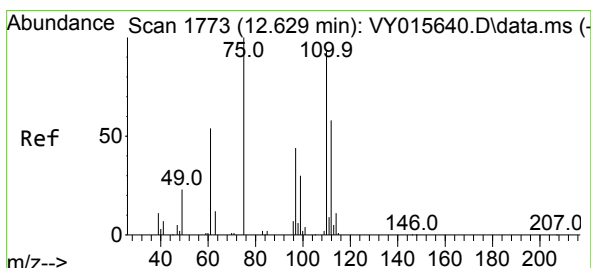
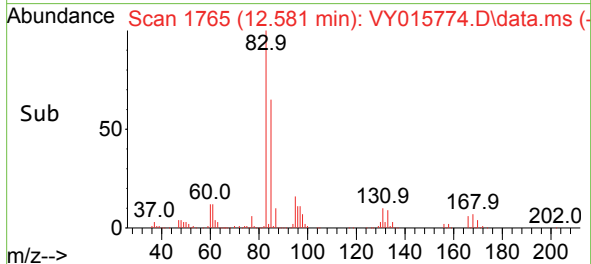
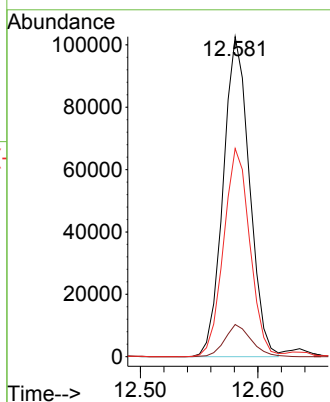
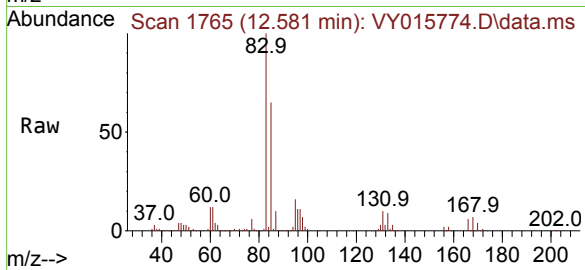




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.572 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

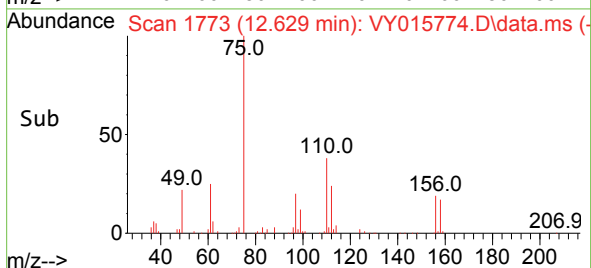
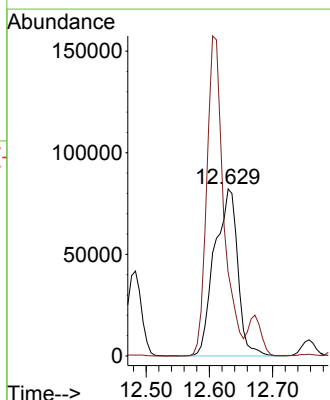
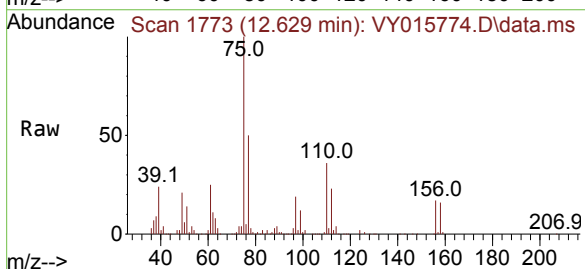
Instrument :
 MSVOA_Y
 ClientSampleId :

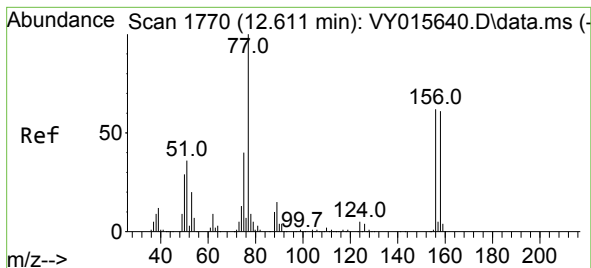
Tgt Ion: 83 Resp: 159552
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.4 16.2
 85 65.2 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 85.180 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

Tgt Ion: 75 Resp: 209489
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.145 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

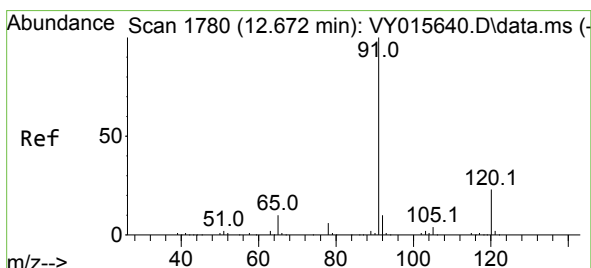
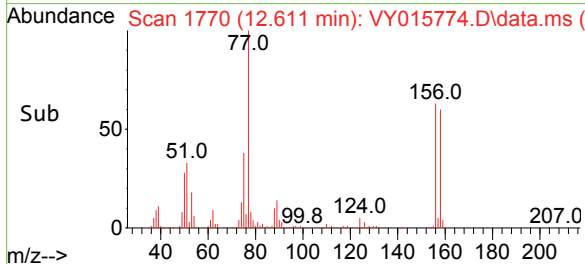
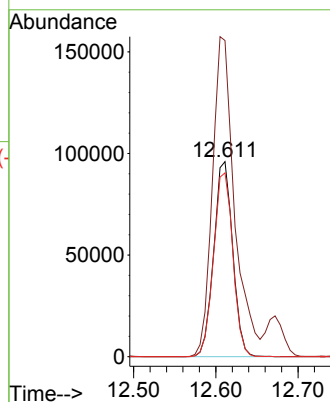
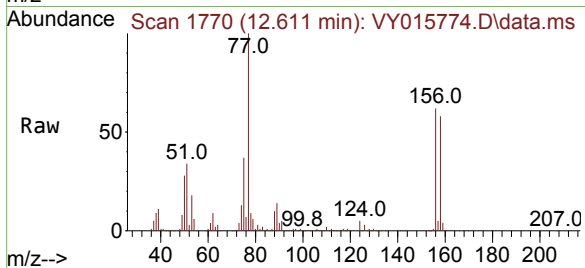
Tgt Ion:156 Resp: 153705

Ion Ratio Lower Upper

156 100

77 191.6 92.8 278.6

158 96.0 48.4 145.3



#78

n-propylbenzene

Concen: 54.307 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015774.D

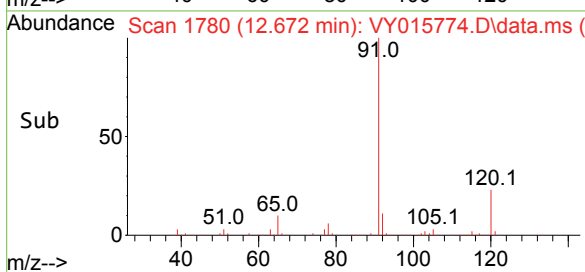
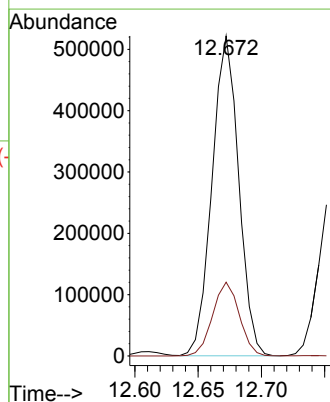
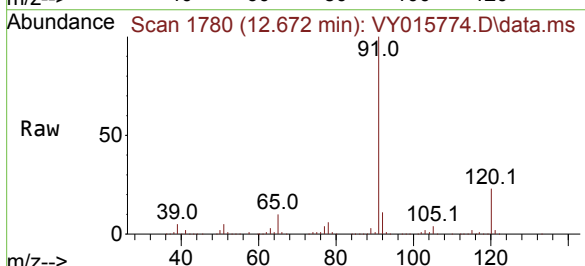
Acq: 02 Oct 2023 11:48

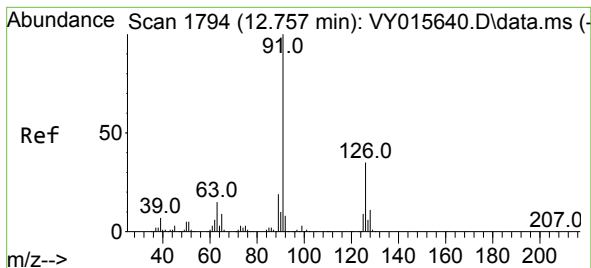
Tgt Ion: 91 Resp: 762993

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

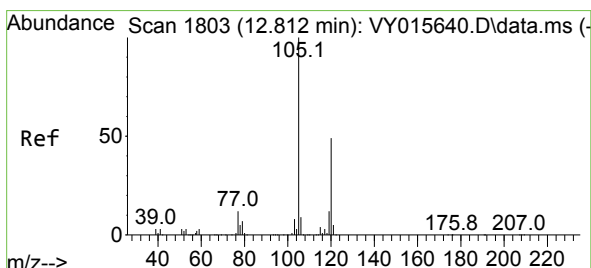
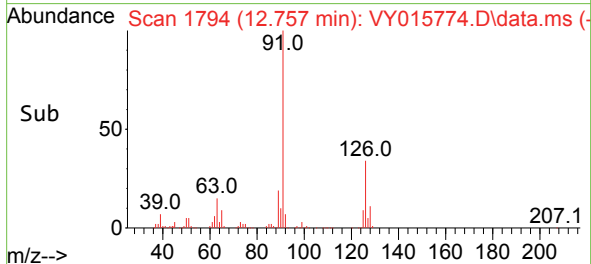
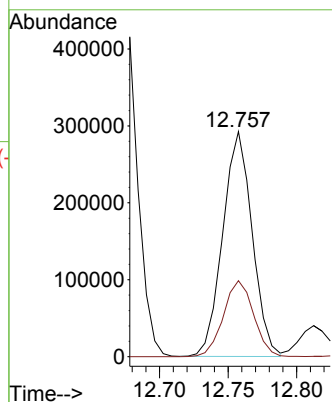
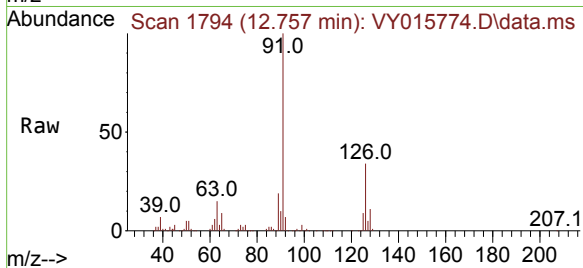




#79
2-Chlorotoluene
Concen: 54.536 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

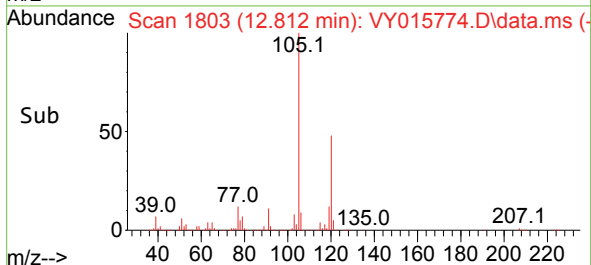
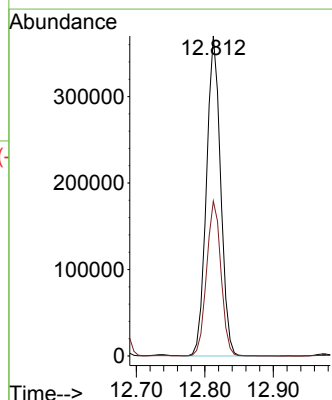
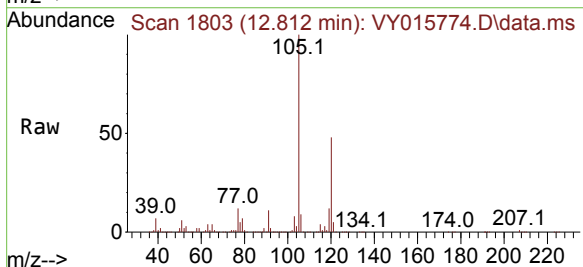
Instrument :
MSVOA_Y
ClientSampleId :

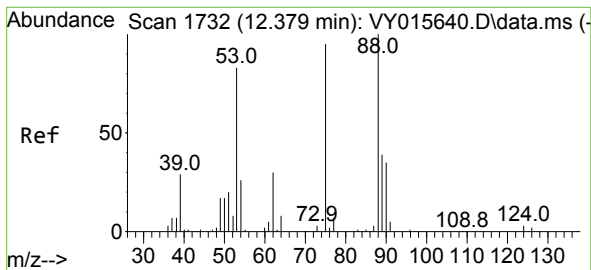
Tgt Ion: 91 Resp: 436752
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 55.003 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

Tgt Ion: 105 Resp: 532515
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

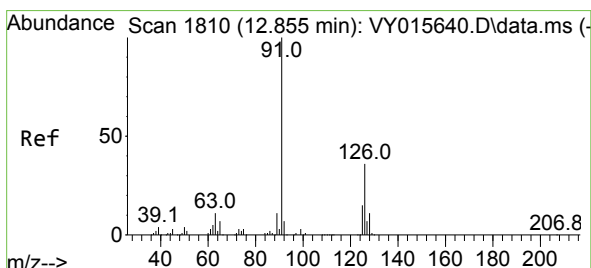
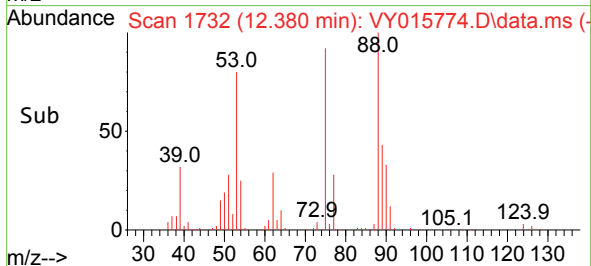
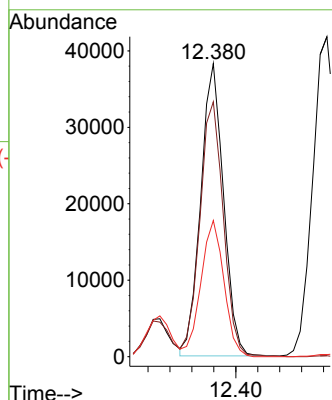
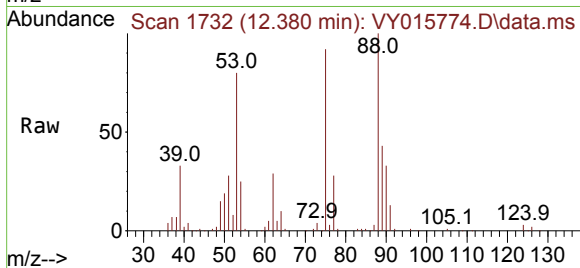




#81
trans-1,4-Dichloro-2-butene
Concen: 50.567 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

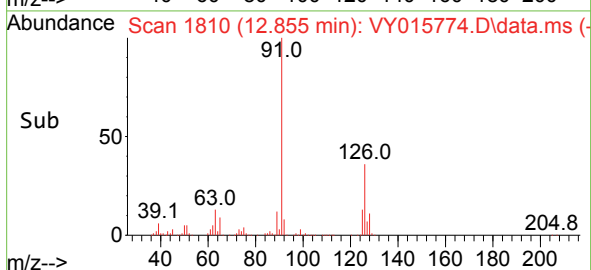
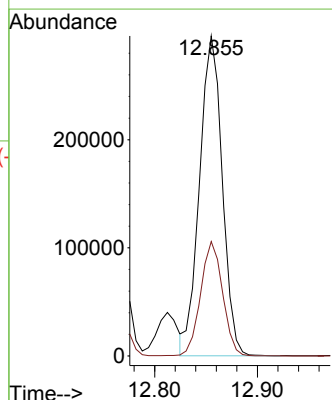
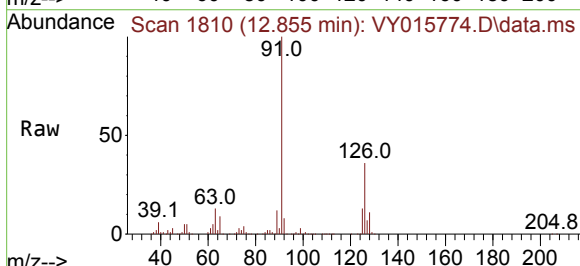
Instrument :
MSVOA_Y
ClientSampleId :

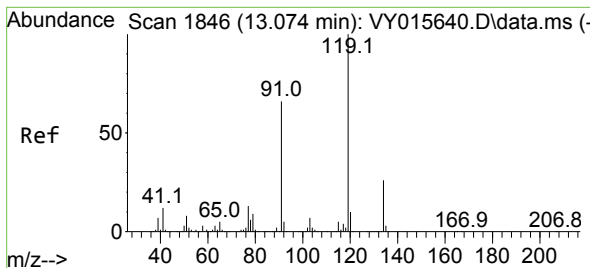
Tgt Ion: 75 Resp: 55226
Ion Ratio Lower Upper
75 100
53 89.9 77.8 116.8
89 47.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 54.445 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015774.D
Acq: 02 Oct 2023 11:48

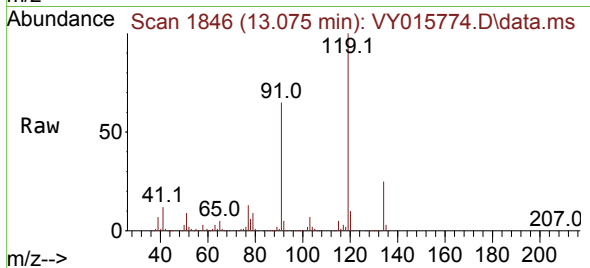
Tgt Ion: 91 Resp: 455177
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





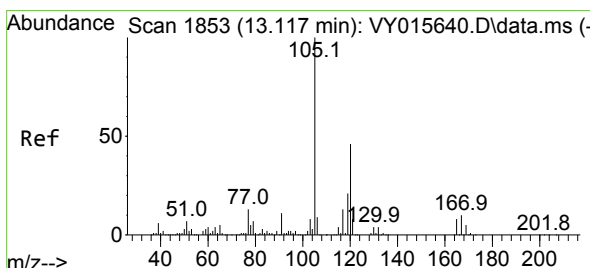
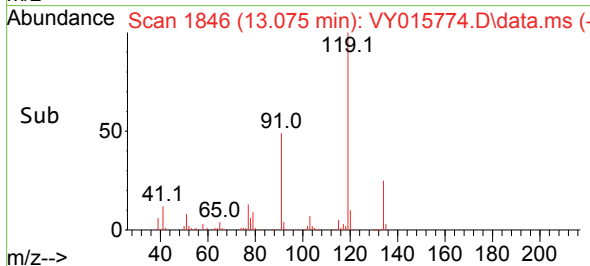
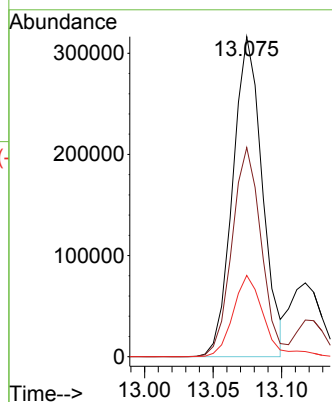
#83
 tert-Butylbenzene
 Concen: 56.048 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:119 Resp: 475258

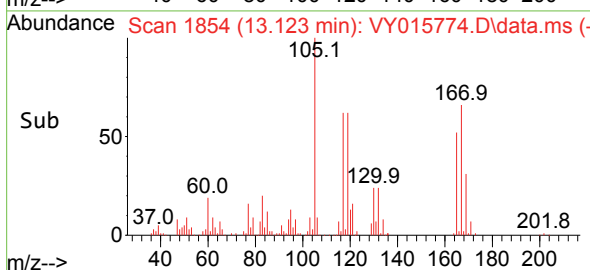
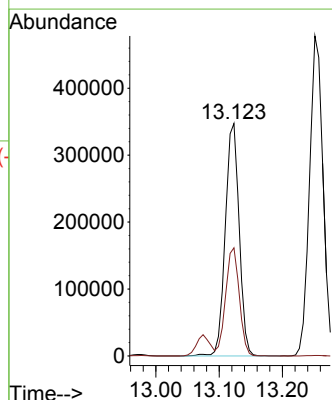
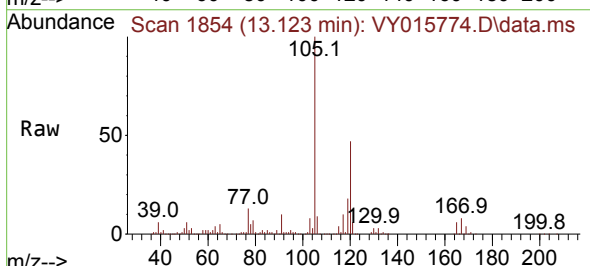
Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.9	98.6
134	26.5	13.0	38.9

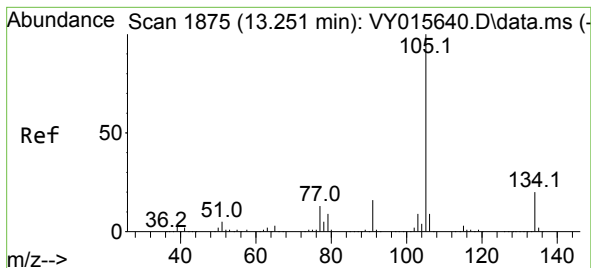


#84
 1,2,4-Trimethylbenzene
 Concen: 54.516 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY015774.D
 Acq: 02 Oct 2023 11:48

Tgt Ion:105 Resp: 528105

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.2	66.6





#85

sec-Butylbenzene

Concen: 55.651 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

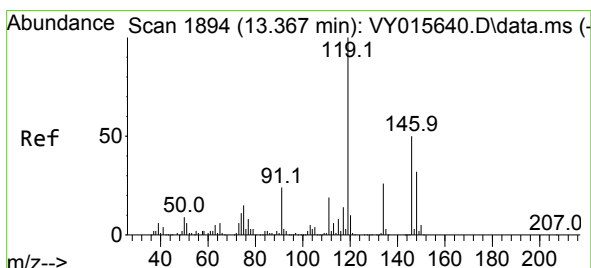
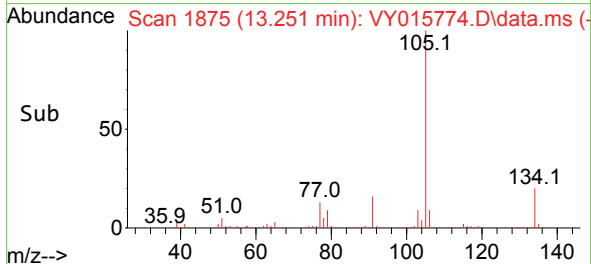
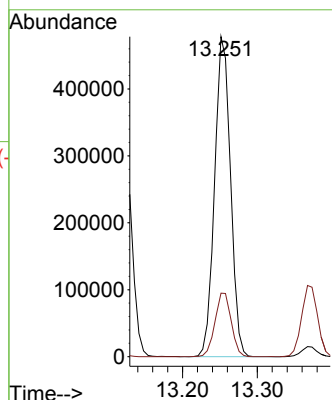
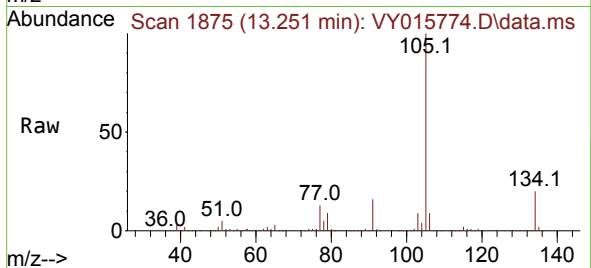
ClientSampleId :

Tgt Ion:105 Resp: 706208

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 56.284 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

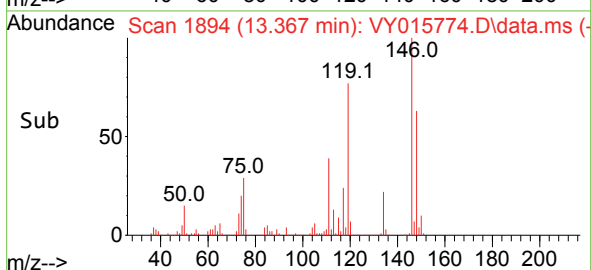
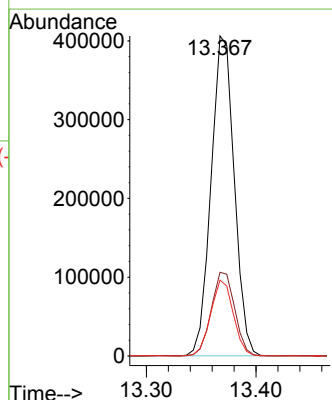
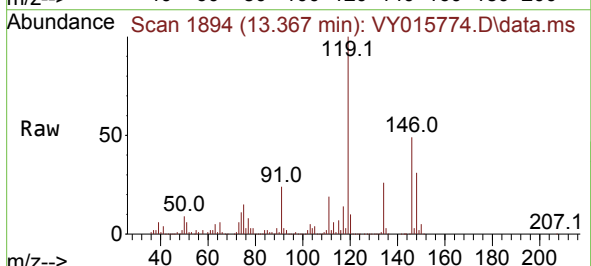
Tgt Ion:119 Resp: 596613

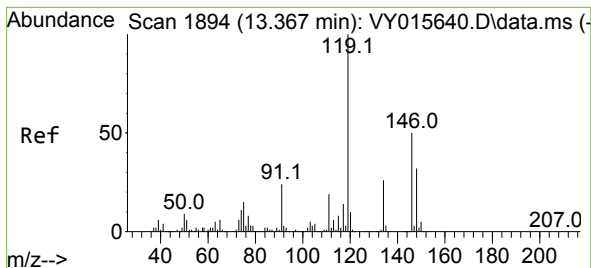
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 54.211 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

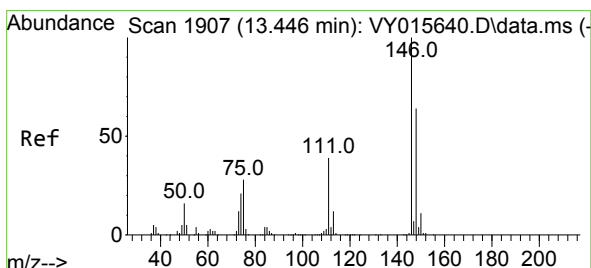
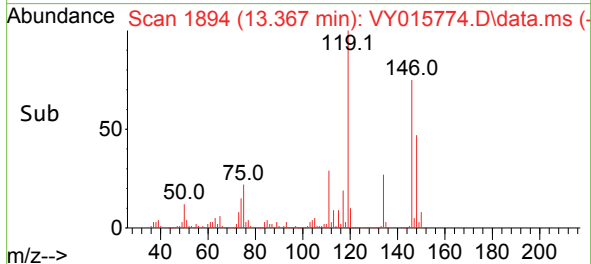
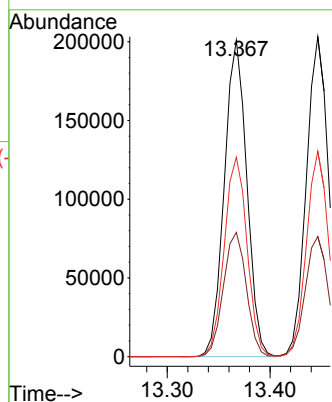
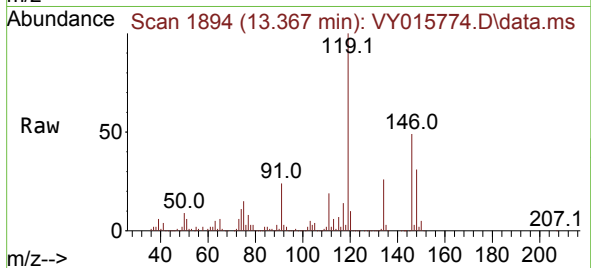
Tgt Ion:146 Resp: 305299

Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 54.129 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

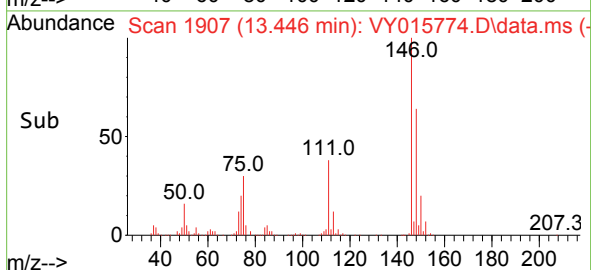
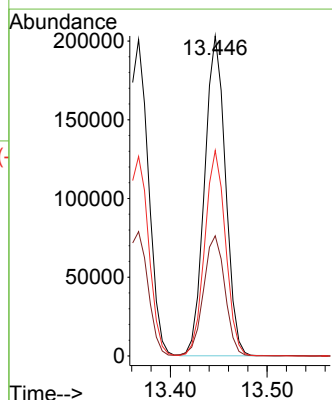
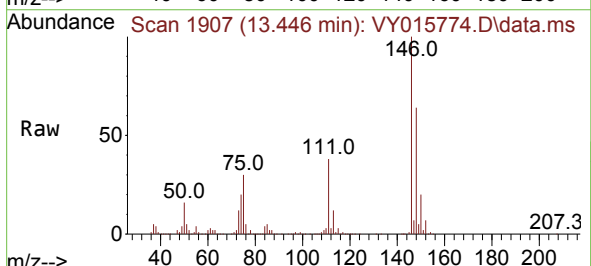
Tgt Ion:146 Resp: 304883

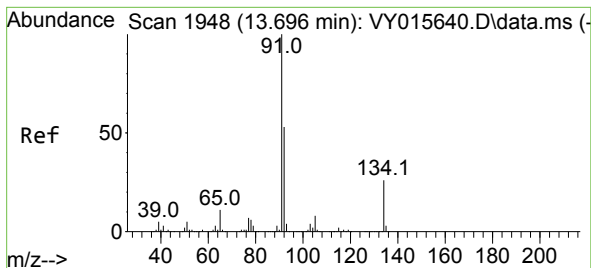
Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 55.860 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

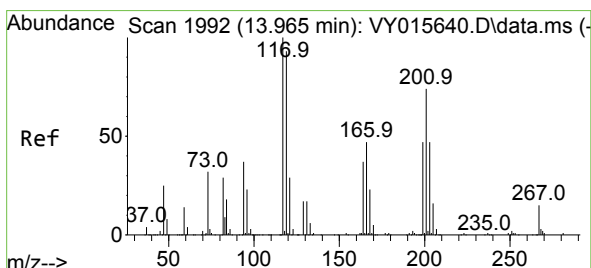
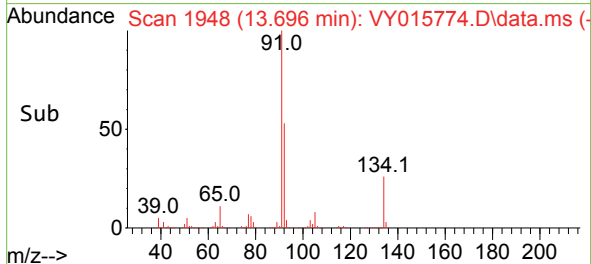
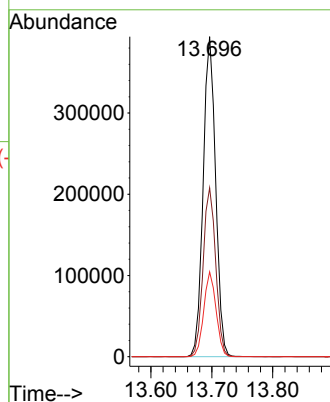
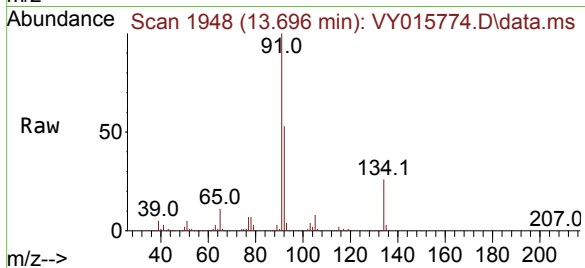
Tgt Ion: 91 Resp: 560699

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 56.321 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015774.D

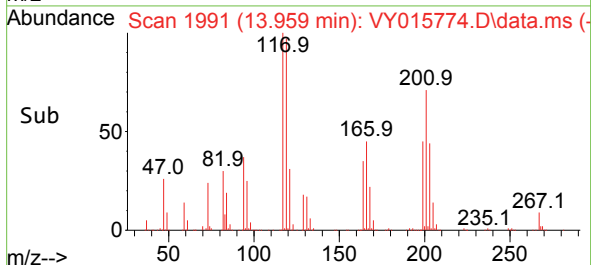
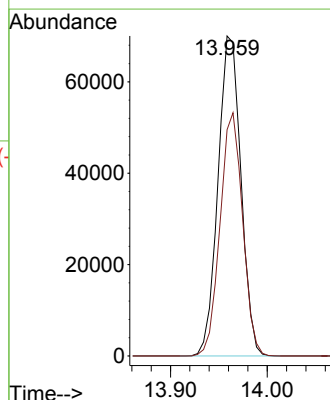
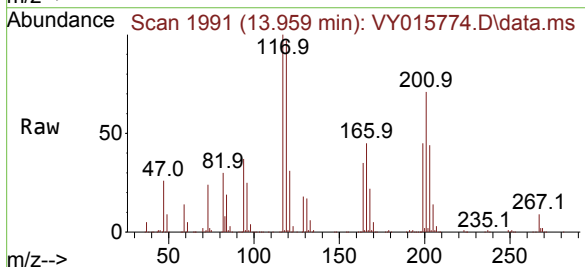
Acq: 02 Oct 2023 11:48

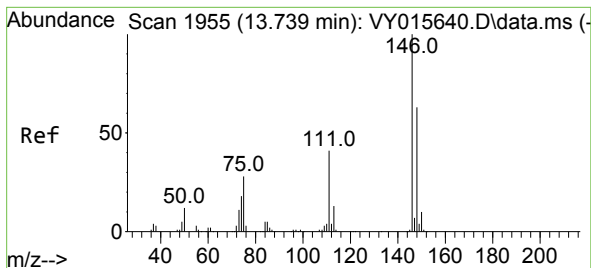
Tgt Ion: 117 Resp: 115221

Ion Ratio Lower Upper

117 100

201 74.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 54.793 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

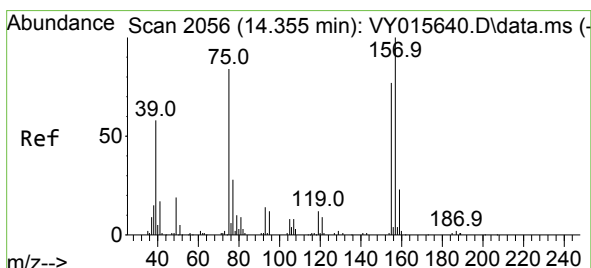
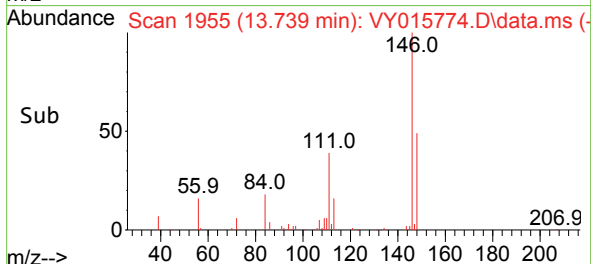
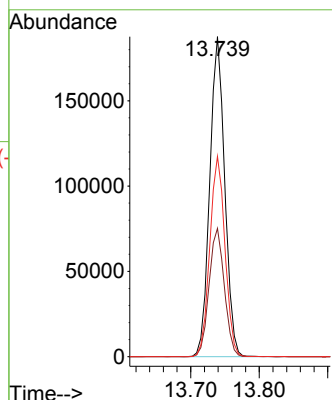
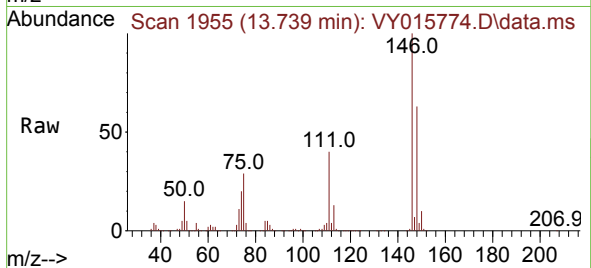
Tgt Ion:146 Resp: 284856

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.764 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

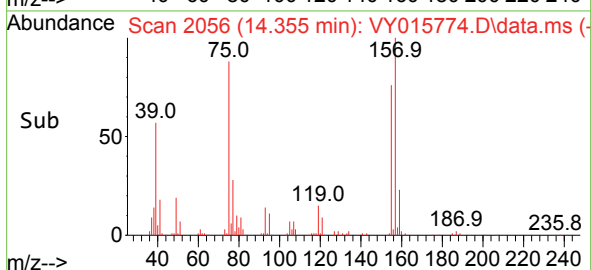
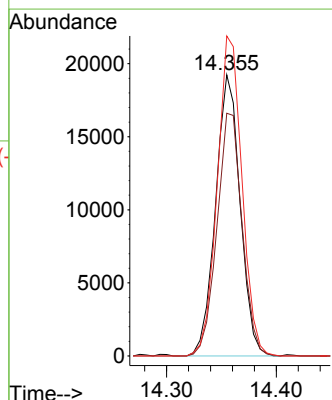
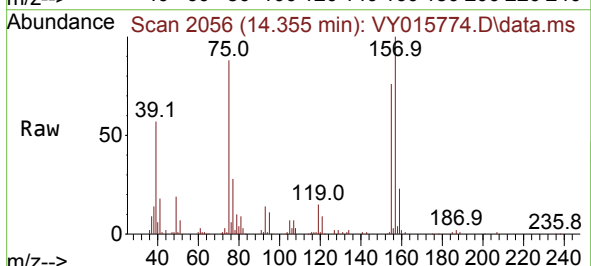
Tgt Ion: 75 Resp: 29893

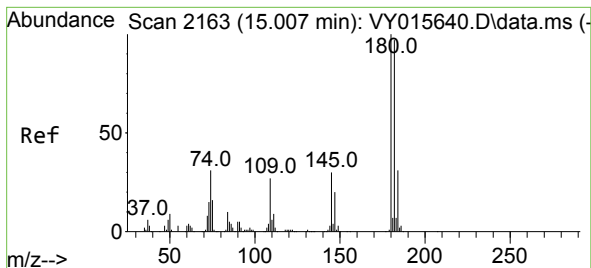
Ion Ratio Lower Upper

75 100

155 88.3 41.5 124.6

157 114.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.977 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

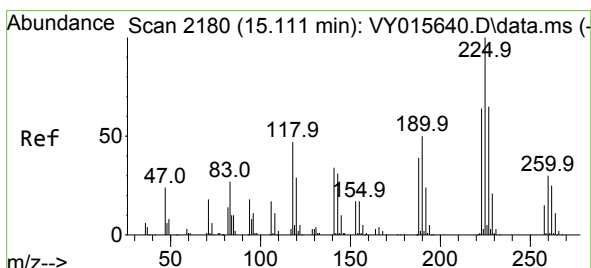
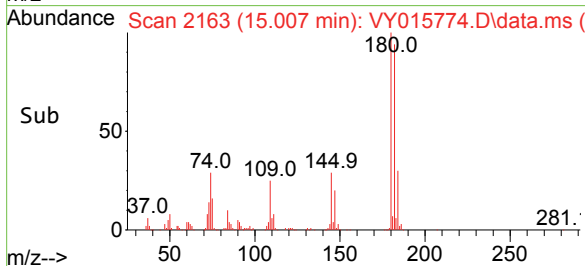
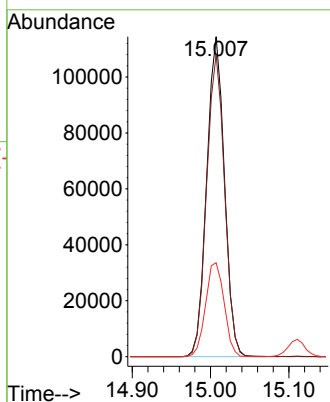
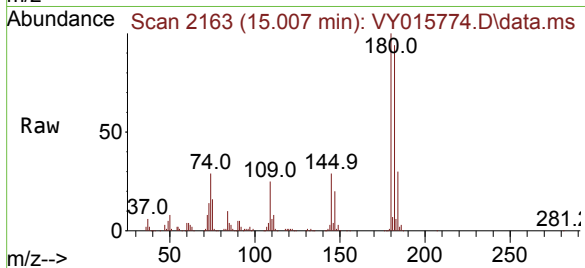
Tgt Ion:180 Resp: 179933

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 57.162 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

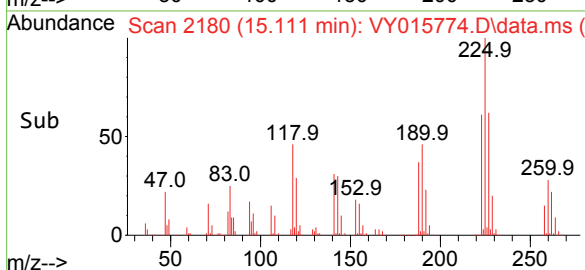
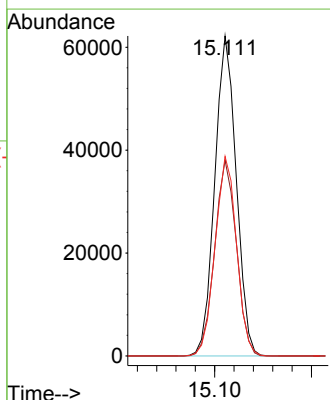
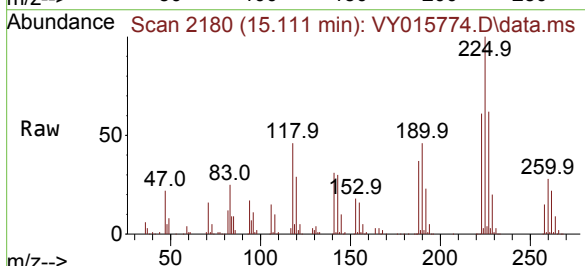
Tgt Ion:225 Resp: 95807

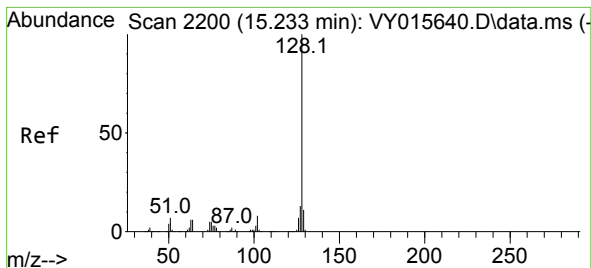
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.9

227 62.4 33.0 98.9





#95

Naphthalene

Concen: 52.177 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Instrument :

MSVOA_Y

ClientSampleId :

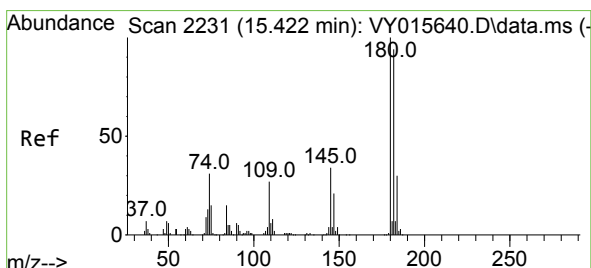
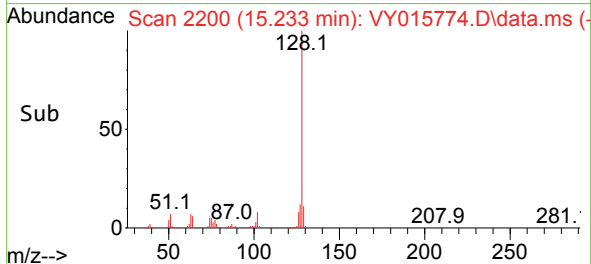
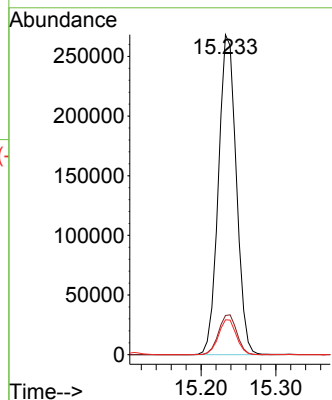
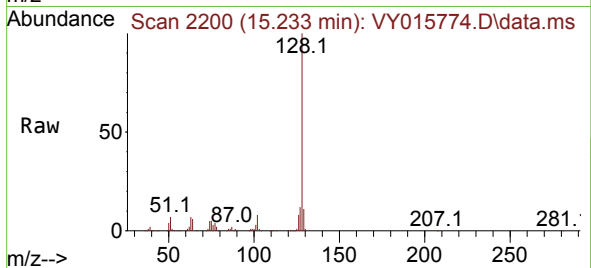
Tgt Ion:128 Resp: 445282

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.713 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015774.D

Acq: 02 Oct 2023 11:48

Tgt Ion:180 Resp: 162255

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.3 15.4 46.2

