

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016093.D
 Acq On : 26 Oct 2023 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:23:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	178765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	275036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98591	55.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.920%	
35) Dibromofluoromethane	7.728	113	99098	53.172	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.340%	
50) Toluene-d8	10.185	98	372802	54.001	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.000%	
62) 4-Bromofluorobenzene	12.483	95	131849	55.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	62833	50.929	ug/l	99
3) Chloromethane	2.119	50	80332	53.137	ug/l	97
4) Vinyl Chloride	2.260	62	88496	51.240	ug/l	97
5) Bromomethane	2.656	94	66924	52.133	ug/l	100
6) Chloroethane	2.802	64	60943	51.516	ug/l	95
7) Trichlorofluoromethane	3.131	101	136302	49.316	ug/l	99
8) Diethyl Ether	3.540	74	49864	53.828	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.906	101	80519	48.293	ug/l	95
10) Methyl Iodide	4.101	142	108120	50.751	ug/l	97
11) Tert butyl alcohol	4.966	59	41751	212.559	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	75196	49.226	ug/l	89
13) Acrolein	3.741	56	52368	236.535	ug/l	96
14) Allyl chloride	4.491	41	123237	51.609	ug/l	91
15) Acrylonitrile	5.174	53	130649	287.494	ug/l	97
16) Acetone	3.954	43	91217	189.324	ug/l	90
17) Carbon Disulfide	4.204	76	208920	49.443	ug/l	100
18) Methyl Acetate	4.491	43	106550	62.549	ug/l #	91
19) Methyl tert-butyl Ether	5.229	73	240641	55.240	ug/l	99
20) Methylene Chloride	4.723	84	116279	63.574	ug/l	92
21) trans-1,2-Dichloroethene	5.229	96	89720	50.669	ug/l	97
22) Diisopropyl ether	6.131	45	283866	54.365	ug/l	89
23) Vinyl Acetate	6.070	43	733576	262.216	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	163240	51.892	ug/l	98
25) 2-Butanone	6.990	43	164783	253.408	ug/l	95
26) 2,2-Dichloropropane	6.990	77	134915	46.135	ug/l	96
27) cis-1,2-Dichloroethene	6.997	96	108995	52.414	ug/l	91
28) Bromochloromethane	7.344	49	72590	56.405	ug/l	93
29) Tetrahydrofuran	7.356	42	110757	296.856	ug/l	91
30) Chloroform	7.515	83	176101	52.993	ug/l	96
31) Cyclohexane	7.795	56	130277	46.586	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	152341	51.109	ug/l	97
36) 1,1-Dichloropropene	7.923	75	125045	48.133	ug/l	99
37) Ethyl Acetate	7.082	43	72814	54.682	ug/l #	94
38) Carbon Tetrachloride	7.905	117	133617	48.636	ug/l	98
39) Methylcyclohexane	9.191	83	151690	47.929	ug/l	91
40) Benzene	8.167	78	373465	50.775	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	42509	60.998	ug/l #	86
42) 1,2-Dichloroethane	8.246	62	111600	52.510	ug/l	93
43) Isopropyl Acetate	8.277	43	137649	55.287	ug/l	93
44) Trichloroethene	8.947	130	103528	50.407	ug/l	100
45) 1,2-Dichloropropane	9.222	63	96885	52.045	ug/l	98
46) Dibromomethane	9.313	93	59169	54.208	ug/l	97
47) Bromodichloromethane	9.502	83	139340	52.784	ug/l	99
48) Methyl methacrylate	9.301	41	62470	54.463	ug/l	87
49) 1,4-Dioxane	9.301	88	15637	1145.026	ug/l #	55
51) 4-Methyl-2-Pentanone	10.075	43	381489	290.383	ug/l	92
52) Toluene	10.252	92	241079	51.042	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	145186	53.784	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	161909	53.037	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	85537	55.154	ug/l	97
56) Ethyl methacrylate	10.514	69	114887	57.642	ug/l #	84
57) 1,3-Dichloropropane	10.795	76	142111	54.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	286378	288.620	ug/l	94
59) 2-Hexanone	10.837	43	272859	281.953	ug/l	88
60) Dibromochloromethane	10.990	129	102802	54.131	ug/l	100
61) 1,2-Dibromoethane	11.093	107	82816	55.767	ug/l	99
64) Tetrachloroethene	10.728	164	99437	54.634	ug/l	98
65) Chlorobenzene	11.520	112	267849	49.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	103463	51.258	ug/l	98
67) Ethyl Benzene	11.599	91	472596	49.228	ug/l	98
68) m/p-Xylenes	11.709	106	365500	98.380	ug/l	95
69) o-Xylene	12.032	106	178473	50.179	ug/l	97
70) Styrene	12.050	104	307351	51.840	ug/l	95
71) Bromoform	12.215	173	66308	53.930	ug/l #	99
73) Isopropylbenzene	12.331	105	467475	47.986	ug/l	100
74) N-amyl acetate	12.148	43	127679	53.750	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	104977	52.715	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	129114	91.359	ug/l #	100
77) Bromobenzene	12.611	156	113493	49.918	ug/l	99
78) n-propylbenzene	12.678	91	565069	47.905	ug/l	99
79) 2-Chlorotoluene	12.764	91	320963	48.585	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	393986	48.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	34104	52.440	ug/l	91
82) 4-Chlorotoluene	12.861	91	330435	48.232	ug/l	98
83) tert-Butylbenzene	13.081	119	351158	48.844	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	390383	48.870	ug/l	99
85) sec-Butylbenzene	13.258	105	510930	47.715	ug/l	100
86) p-Isopropyltoluene	13.373	119	426532	47.737	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	223814	48.752	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	223148	49.181	ug/l	99
89) n-Butylbenzene	13.703	91	404101	48.483	ug/l	97
90) Hexachloroethane	13.965	117	83162	47.806	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	205005	50.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17180	54.952	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	128558	51.123	ug/l	99
94) Hexachlorobutadiene	15.117	225	70843	48.539	ug/l	97
95) Naphthalene	15.239	128	281125	57.322	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	113330	52.259	ug/l	99

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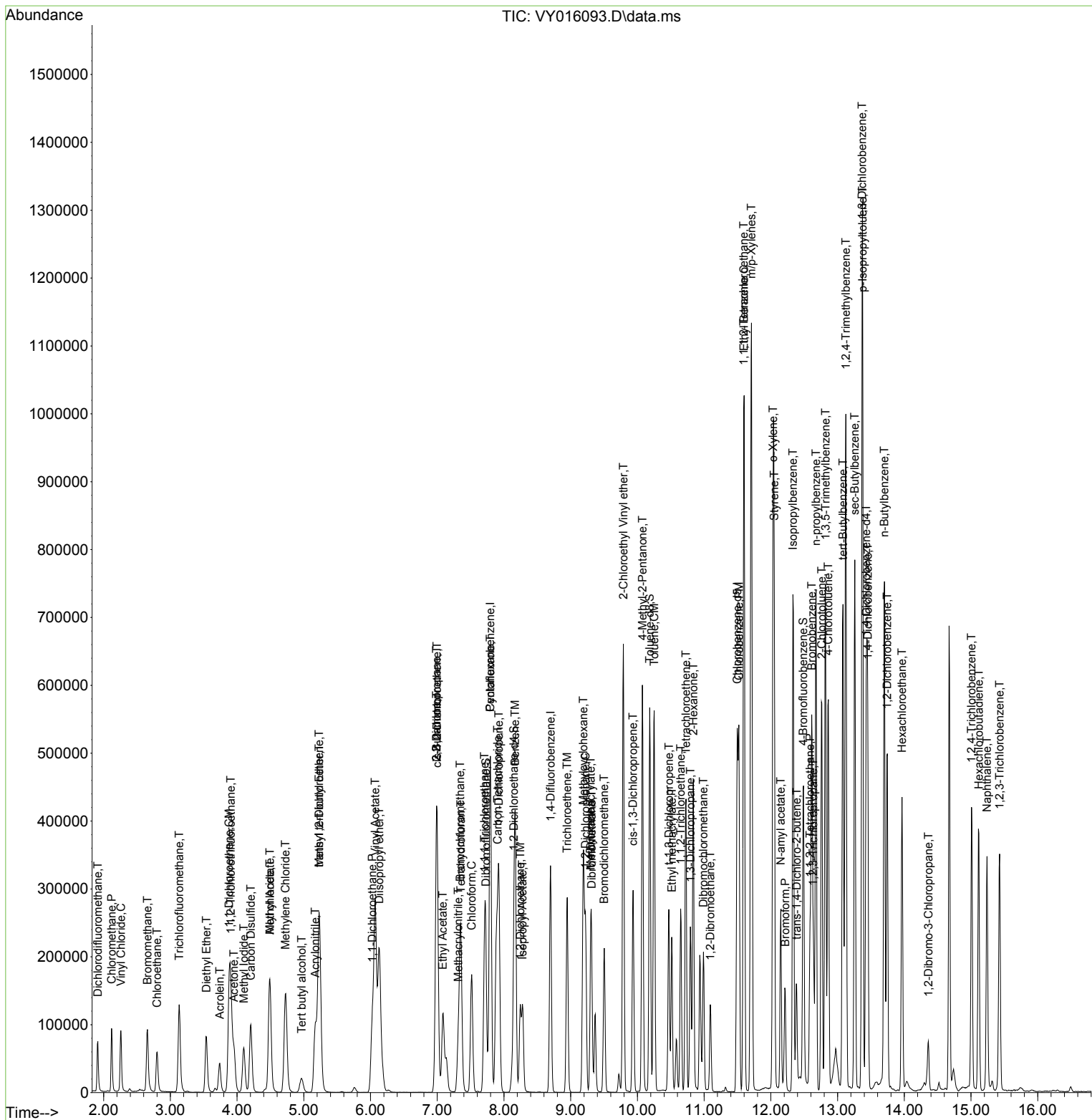
Instrument :
MSVOA_Y
ClientSampleId :

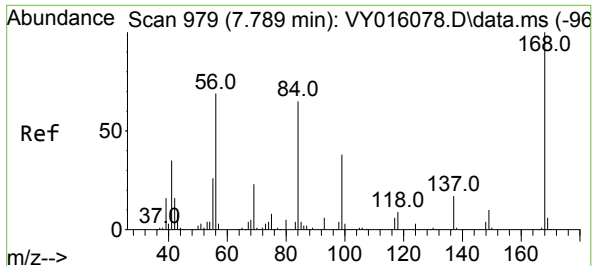
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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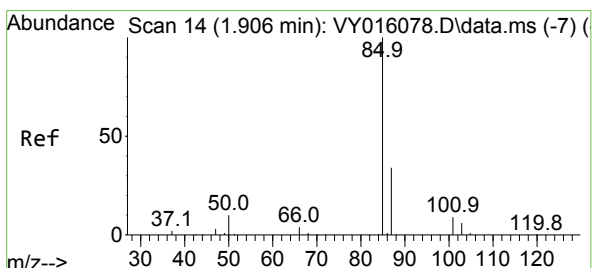
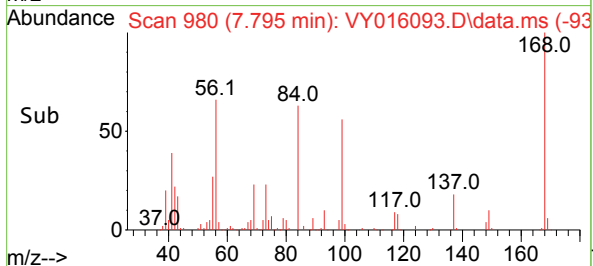
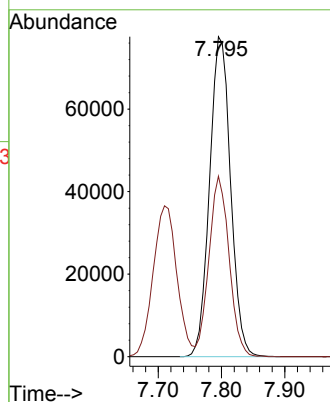
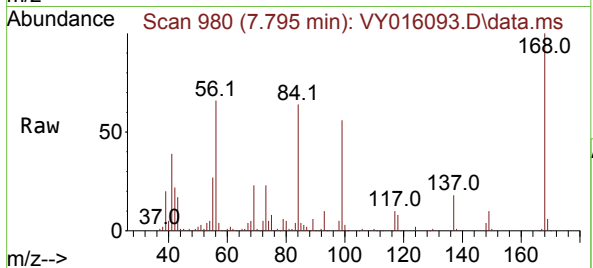




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016093.D
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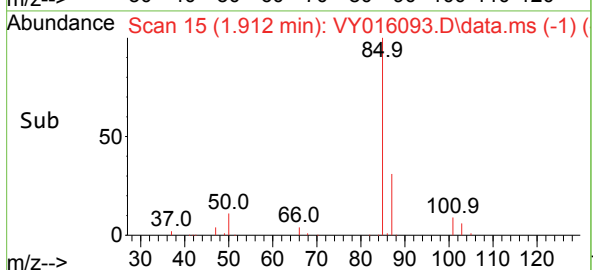
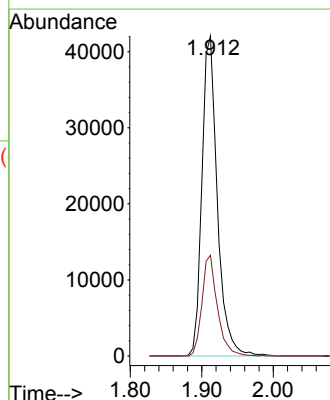
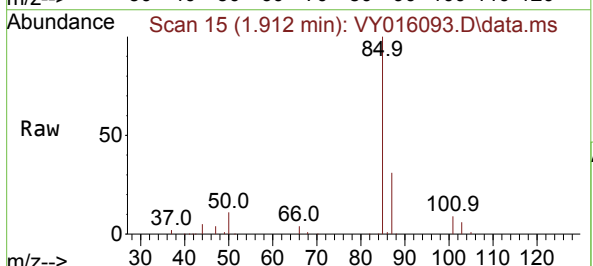
Instrument :
MSVOA_Y
ClientSampleId :

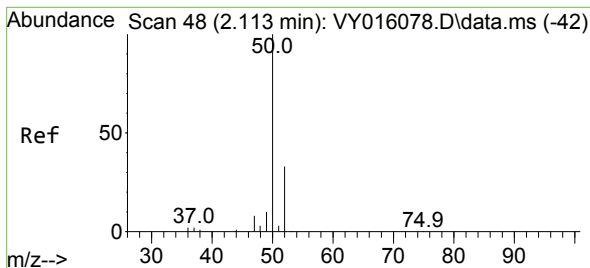
Tgt Ion:168 Resp: 178765
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.929 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 85 Resp: 62833
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8





#3

Chloromethane

Concen: 53.137 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

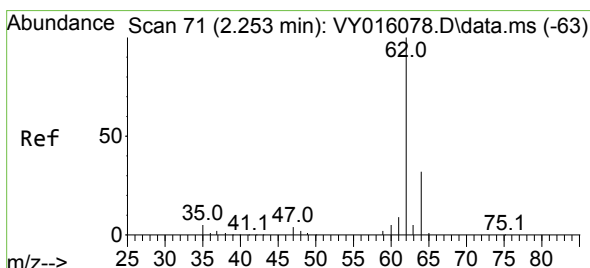
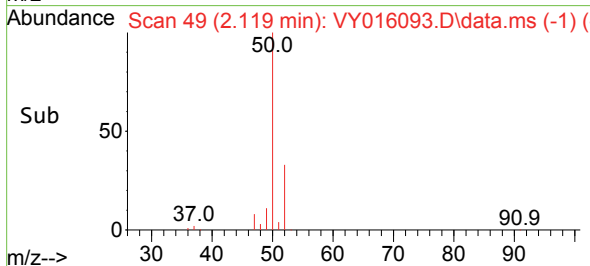
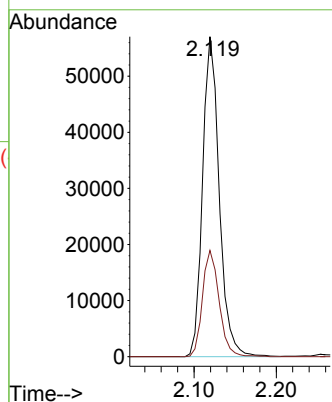
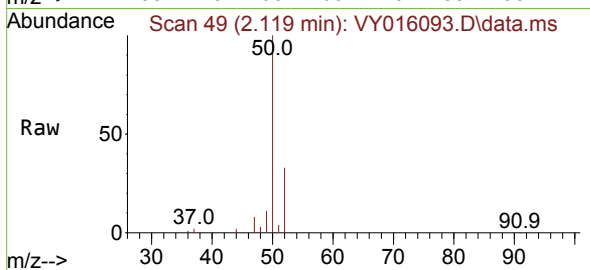
ClientSampleId :

Tgt Ion: 50 Resp: 80332

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 51.240 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY016093.D

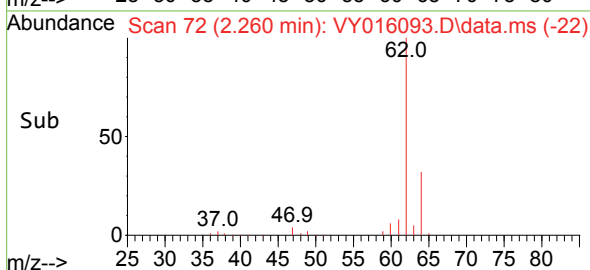
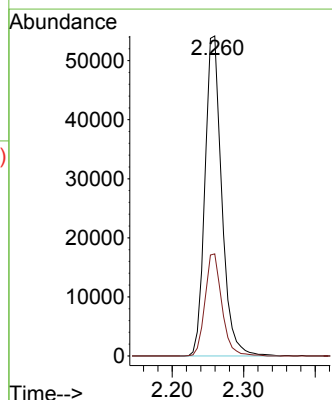
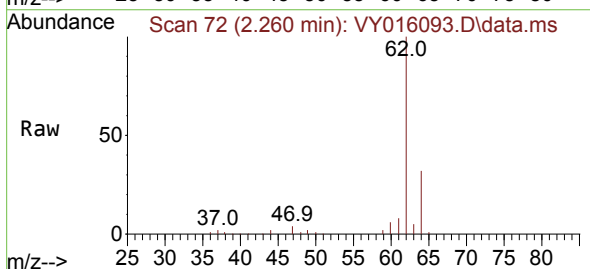
Acq: 26 Oct 2023 21:26

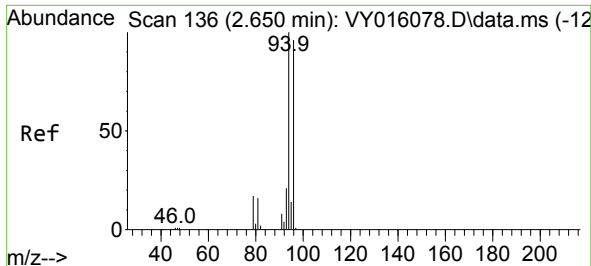
Tgt Ion: 62 Resp: 88496

Ion Ratio Lower Upper

62 100

64 31.9 24.3 36.5





#5

Bromomethane

Concen: 52.133 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

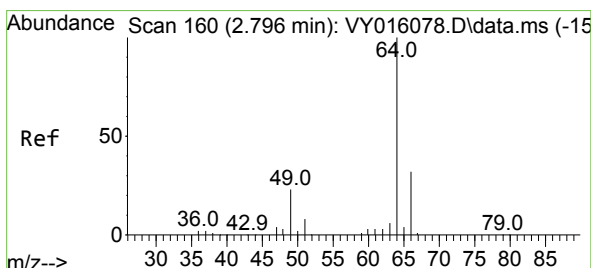
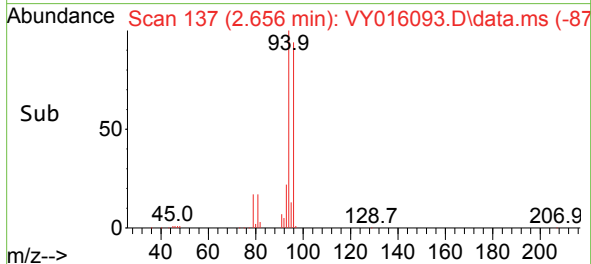
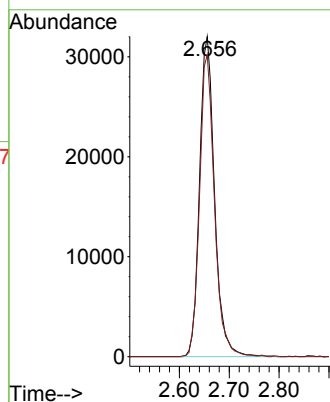
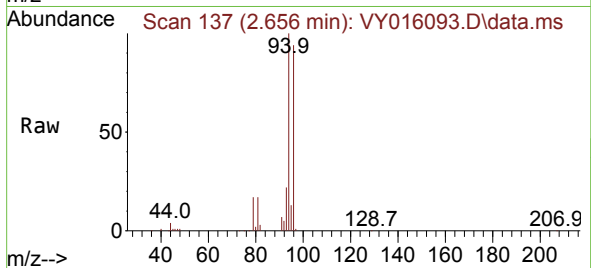
ClientSampleId :

Tgt Ion: 94 Resp: 66924

Ion Ratio Lower Upper

94 100

96 94.3 75.8 113.6



#6

Chloroethane

Concen: 51.516 ug/l

RT: 2.802 min Scan# 161

Delta R.T. 0.006 min

Lab File: VY016093.D

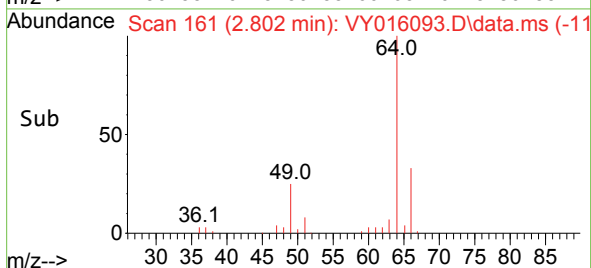
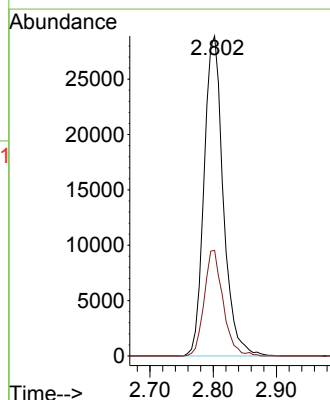
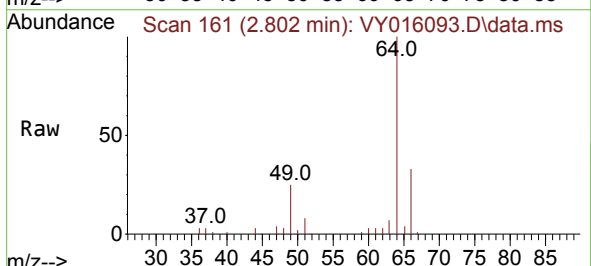
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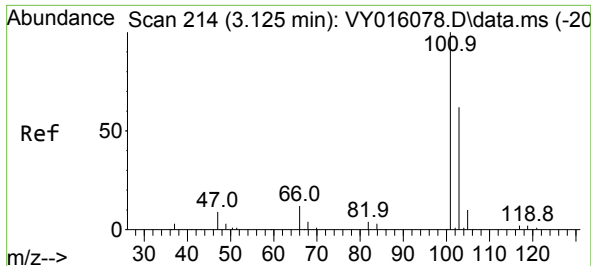
Tgt Ion: 64 Resp: 60943

Ion Ratio Lower Upper

64 100

66 33.0 24.4 36.6

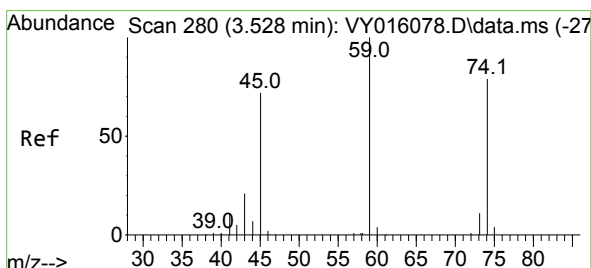
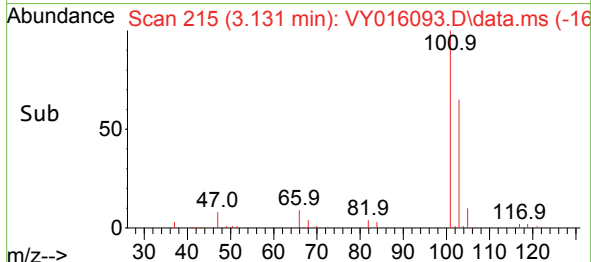
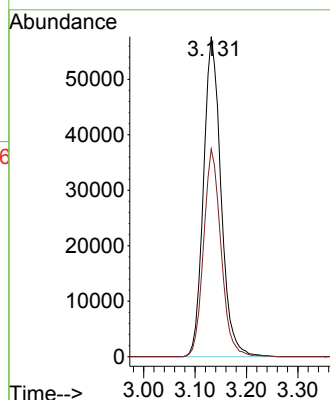
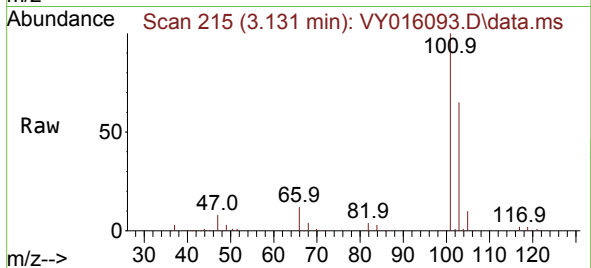




#7
Trichlorofluoromethane
Concen: 49.316 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

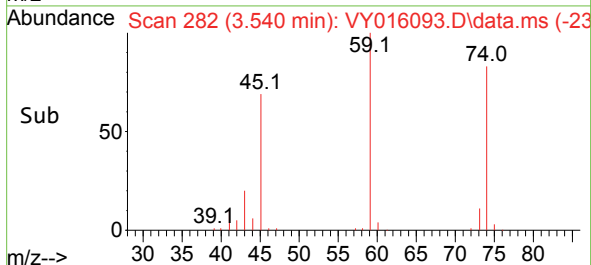
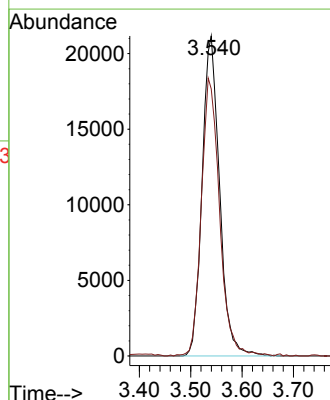
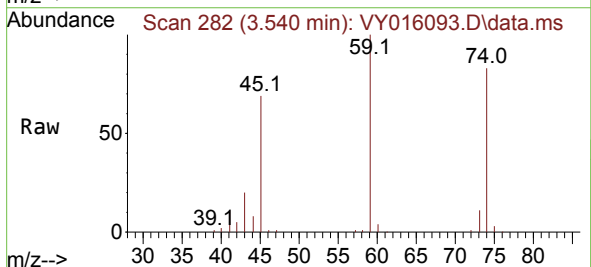
Instrument :
MSVOA_Y
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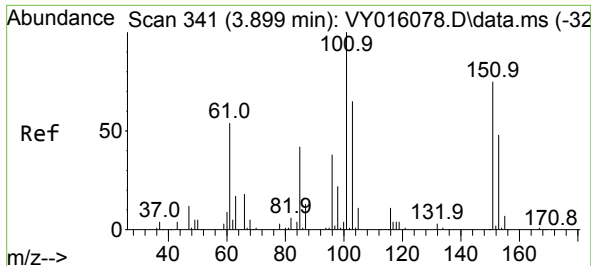
Tgt Ion:101 Resp: 136302
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8
Diethyl Ether
Concen: 53.828 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.012 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 74 Resp: 49864
Ion Ratio Lower Upper
74 100
45 91.0 51.5 154.5

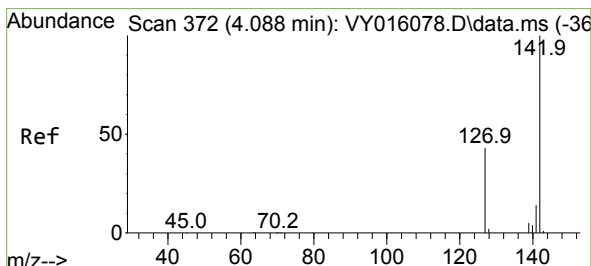
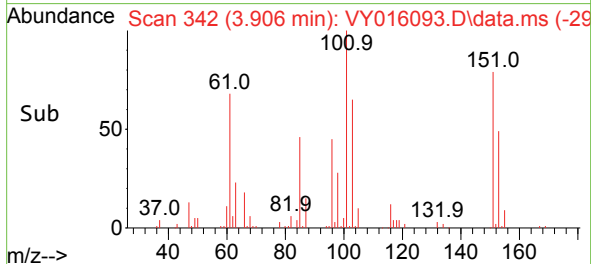
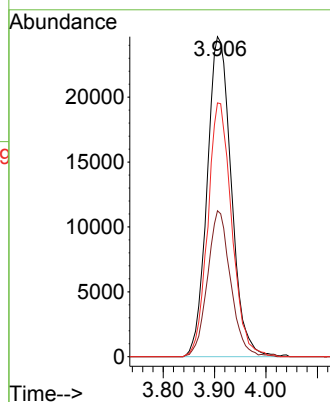
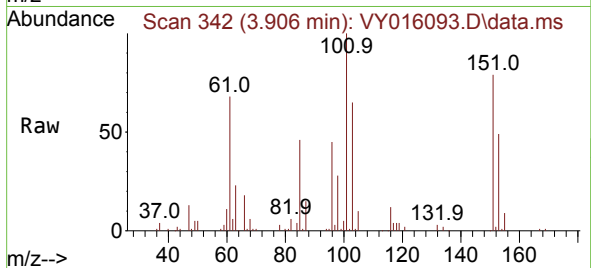




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.293 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

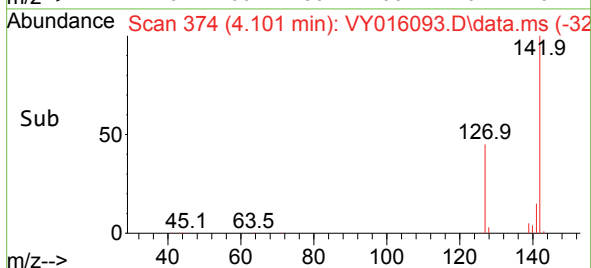
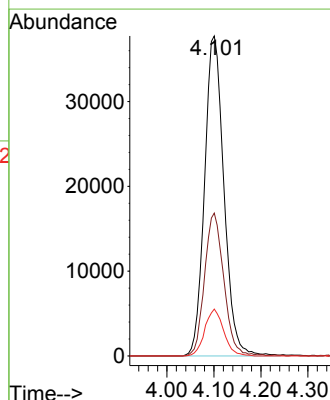
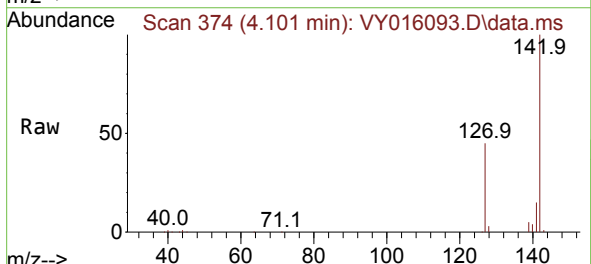
Instrument :
MSVOA_Y
ClientSampleId :

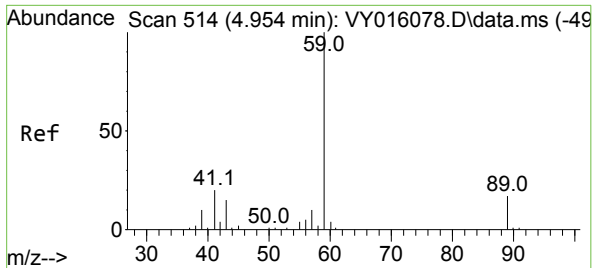
Tgt Ion:101 Resp: 80519
Ion Ratio Lower Upper
101 100
85 43.6 36.6 55.0
151 78.4 67.0 100.6



#10
Methyl Iodide
Concen: 50.751 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion:142 Resp: 108120
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.3 11.8 17.8

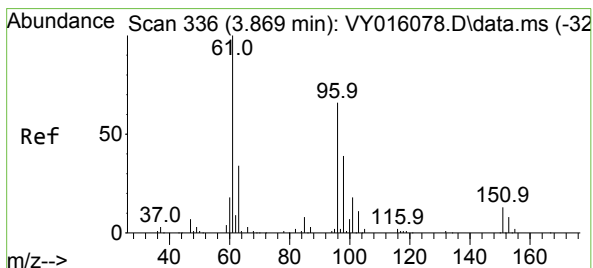
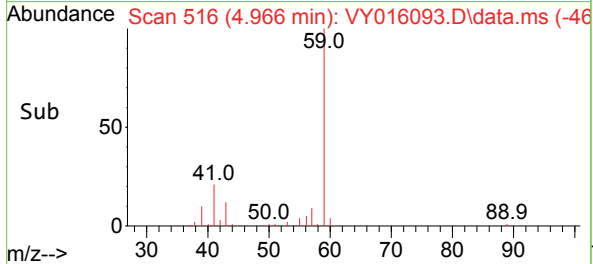
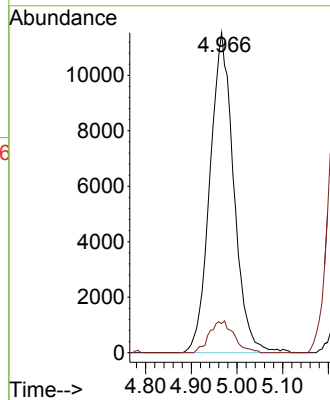
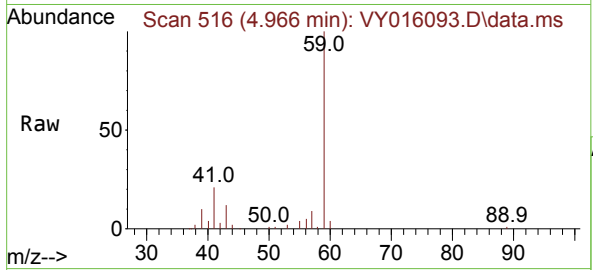




#11
Tert butyl alcohol
Concen: 212.559 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

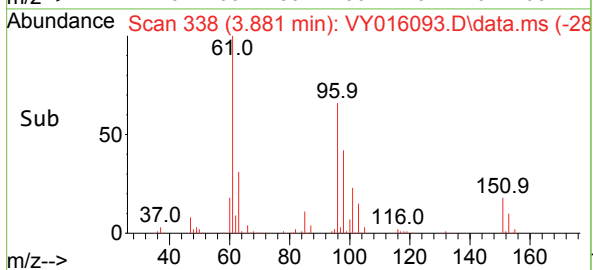
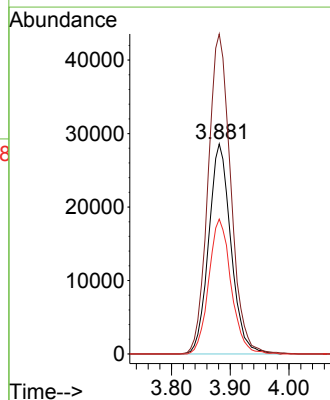
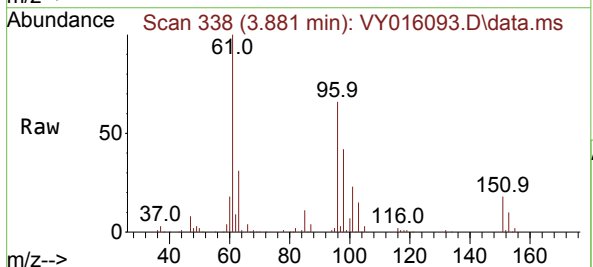
Instrument :
MSVOA_Y
ClientSampleId :

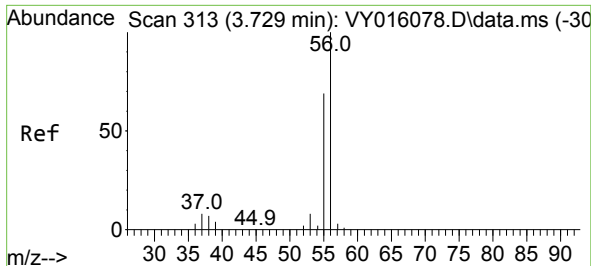
Tgt Ion: 59 Resp: 41751
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.226 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 96 Resp: 75196
Ion Ratio Lower Upper
96 100
61 152.3 136.4 204.6
98 64.2 49.4 74.2





#13

Acrolein

Concen: 236.535 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

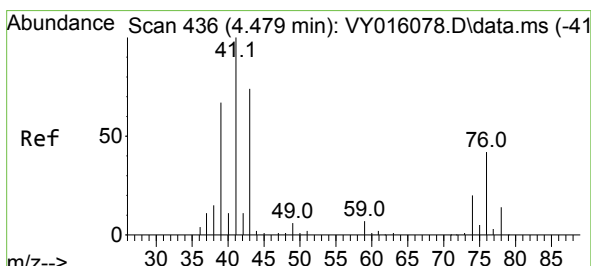
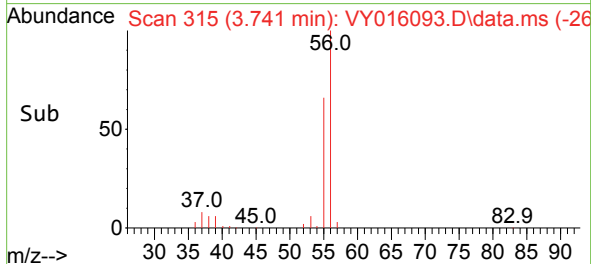
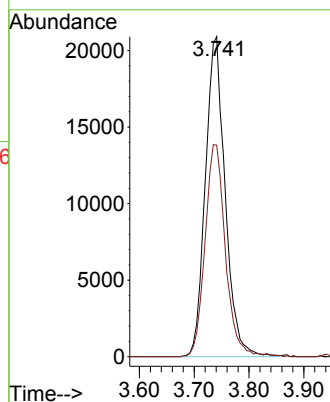
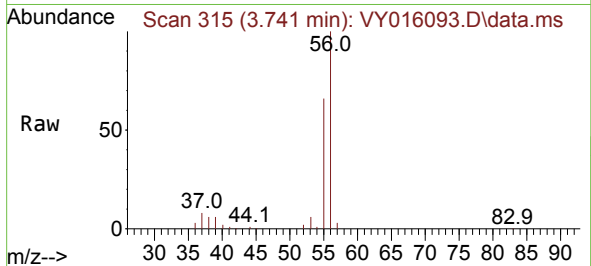
ClientSampleId :

Tgt Ion: 56 Resp: 52368

Ion Ratio Lower Upper

56 100

55 68.0 57.0 85.4



#14

Allyl chloride

Concen: 51.609 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

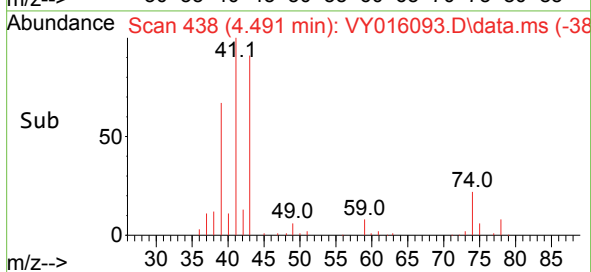
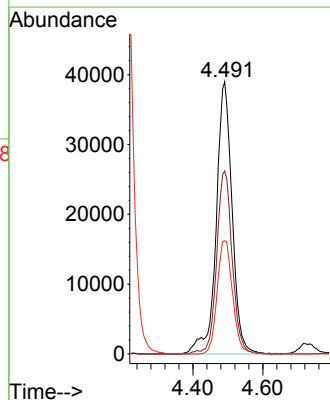
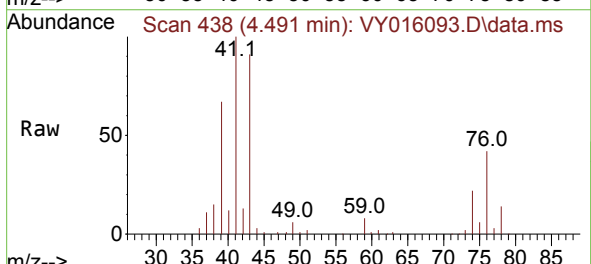
Tgt Ion: 41 Resp: 123237

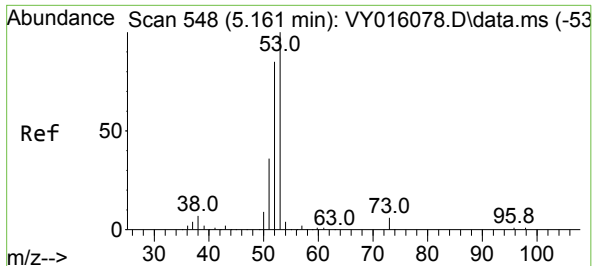
Ion Ratio Lower Upper

41 100

39 65.7 58.0 87.0

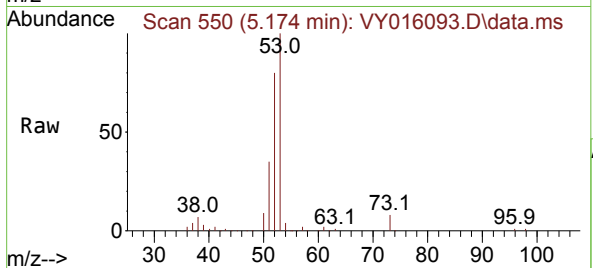
76 40.3 27.4 41.2



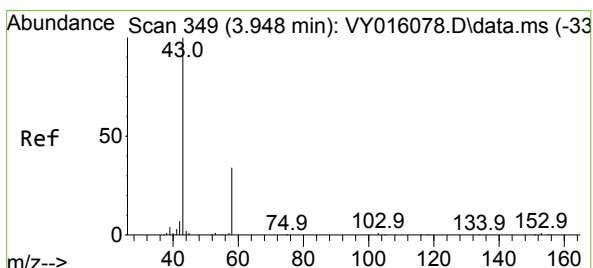
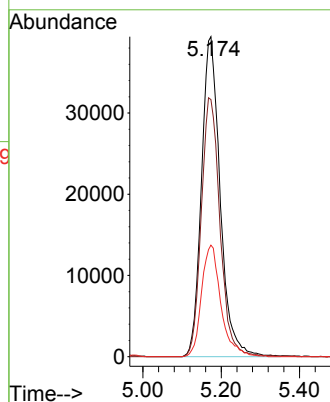
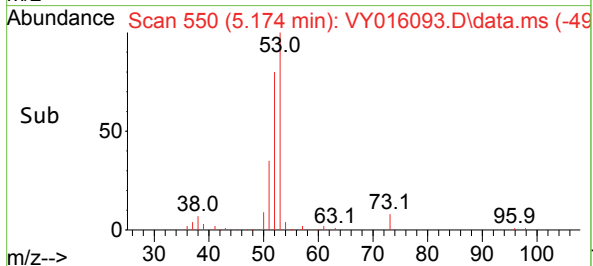


#15
Acrylonitrile
Concen: 287.494 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Instrument :
MSVOA_Y
ClientSampleId :

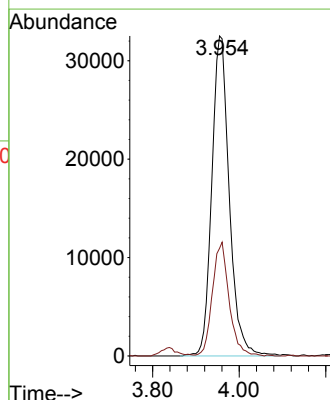
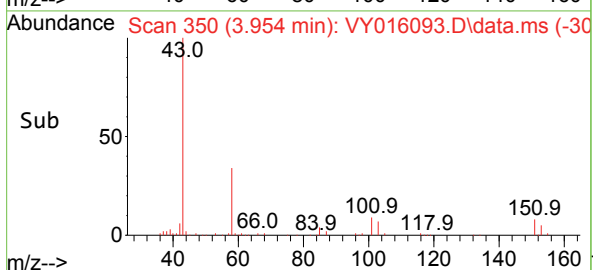
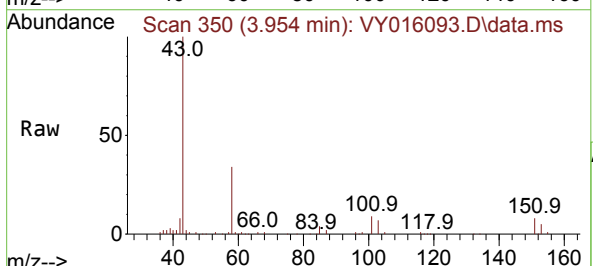


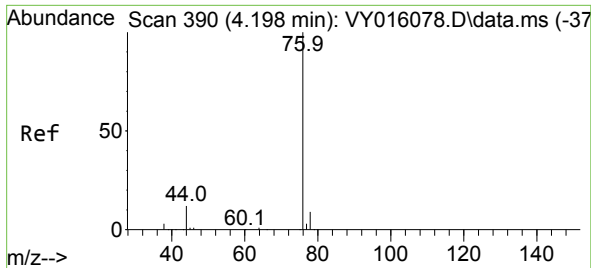
Tgt Ion: 53 Resp: 130649
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 189.324 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 43 Resp: 91217
Ion Ratio Lower Upper
43 100
58 33.6 22.7 34.1





#17

Carbon Disulfide

Concen: 49.443 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

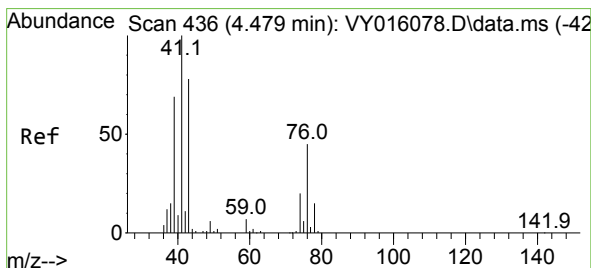
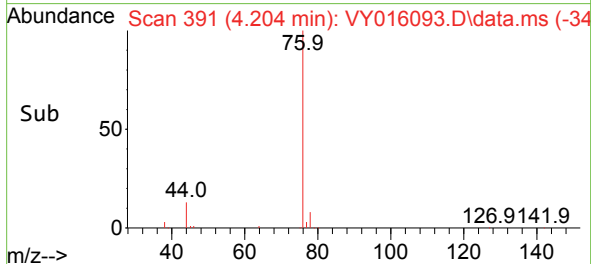
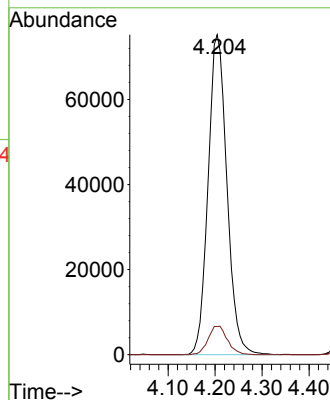
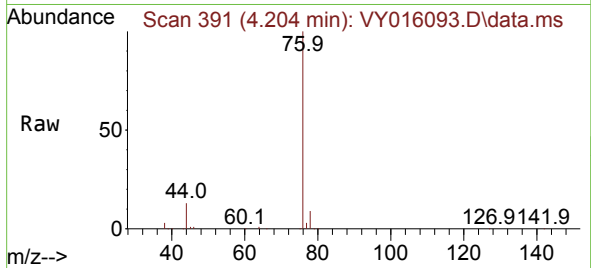
ClientSampleId :

Tgt Ion: 76 Resp: 208920

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



#18

Methyl Acetate

Concen: 62.549 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY016093.D

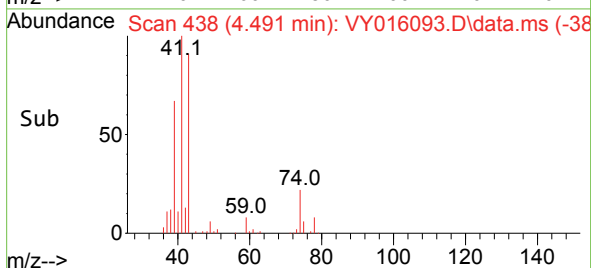
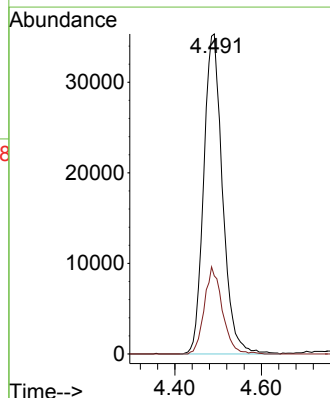
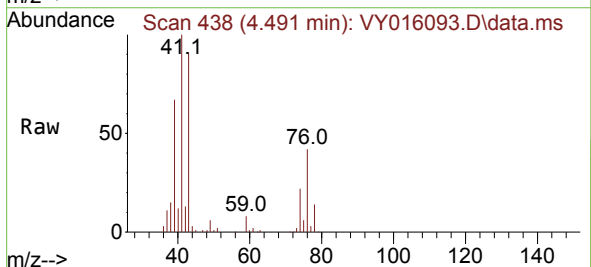
Acq: 26 Oct 2023 21:26

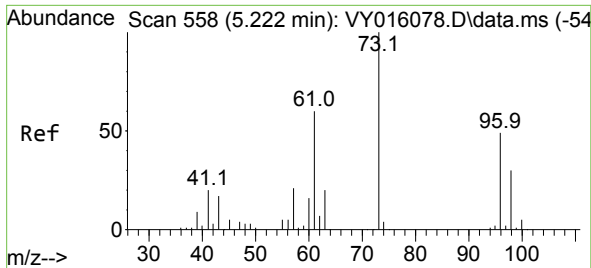
Tgt Ion: 43 Resp: 106550

Ion Ratio Lower Upper

43 100

74 26.1 17.4 26.0#

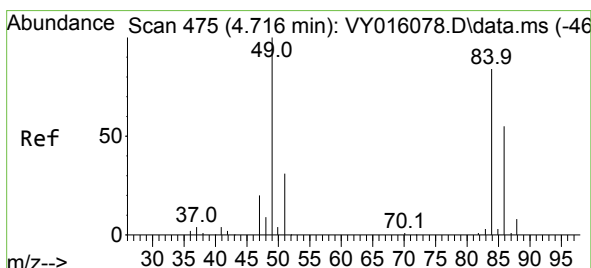
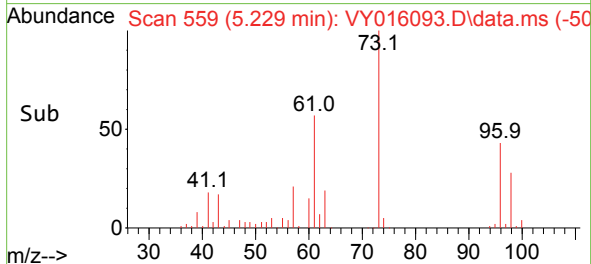
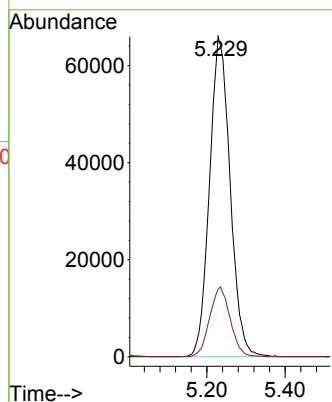
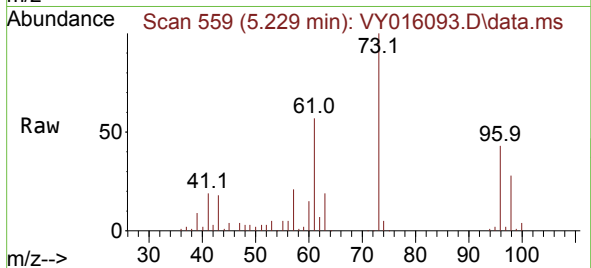




#19
Methyl tert-butyl Ether
Concen: 55.240 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

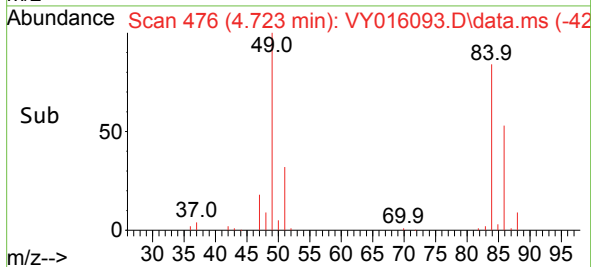
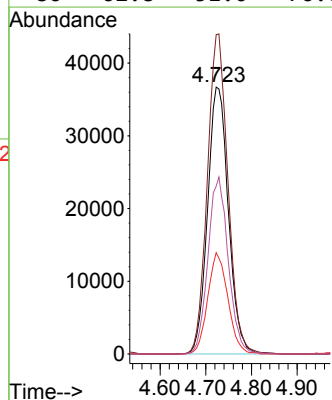
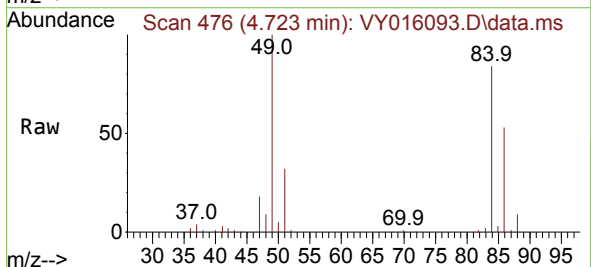
Instrument :
MSVOA_Y
ClientSampleId :

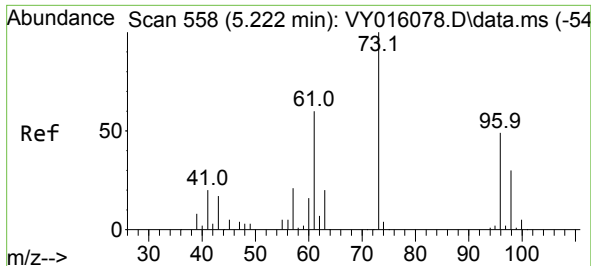
Tgt Ion: 73 Resp: 240641
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 63.574 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 84 Resp: 116279
Ion Ratio Lower Upper
84 100
49 119.6 106.9 160.3
51 37.9 33.2 49.8
86 62.8 51.0 76.6

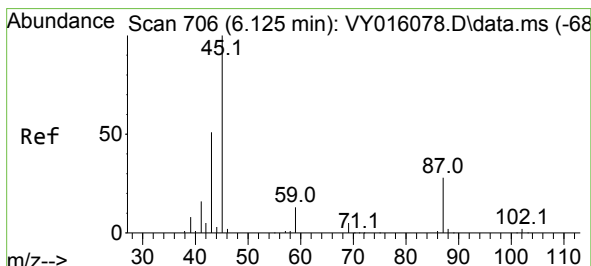
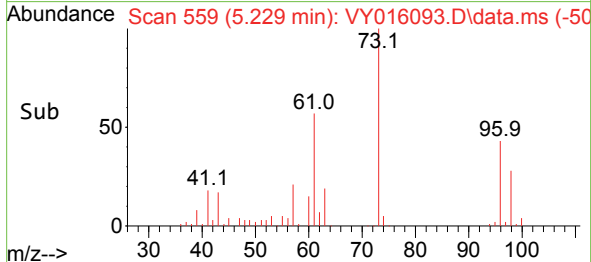
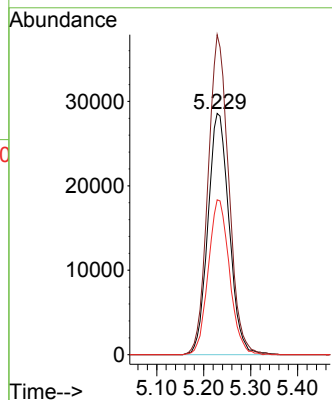
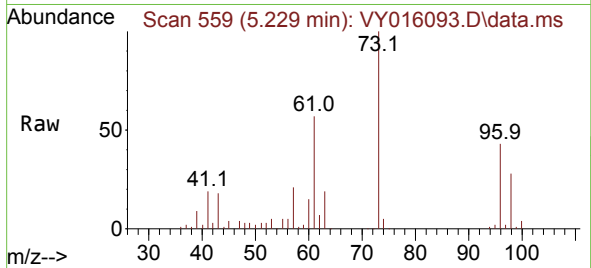




#21
trans-1,2-Dichloroethene
Concen: 50.669 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

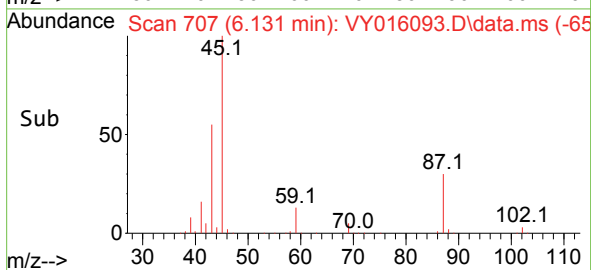
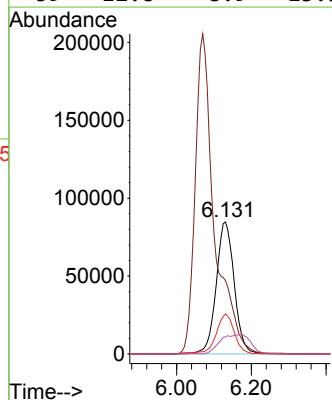
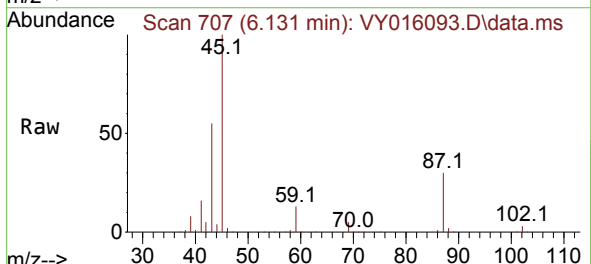
Instrument :
MSVOA_Y
ClientSampleId :

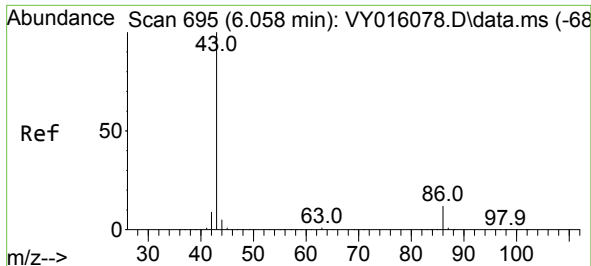
Tgt Ion: 96 Resp: 89720
Ion Ratio Lower Upper
96 100
61 132.6 110.2 165.4
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 54.365 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 45 Resp: 283866
Ion Ratio Lower Upper
45 100
43 54.9 52.2 78.4
87 30.5 21.0 31.6
59 12.8 8.9 13.3

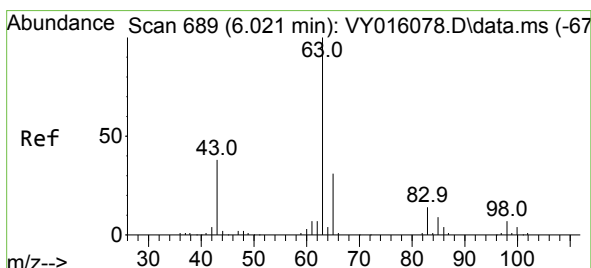
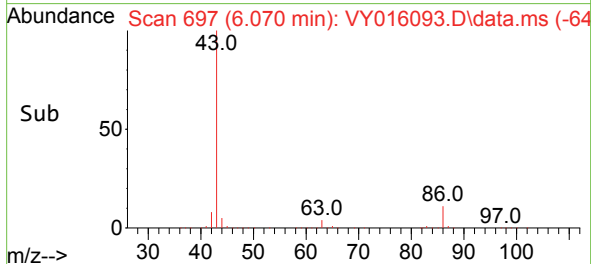
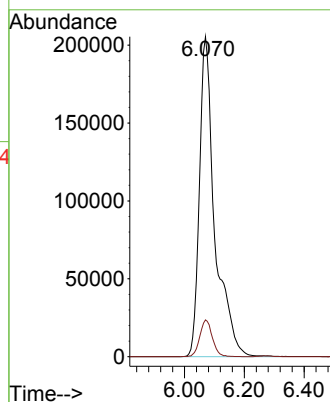
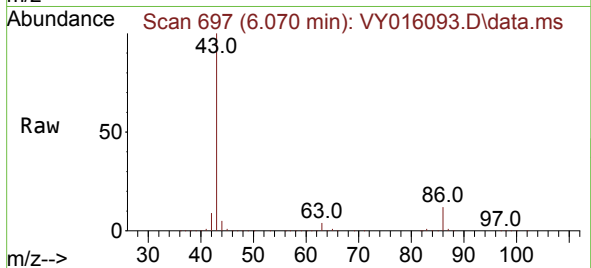




#23
 Vinyl Acetate
 Concen: 262.216 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY016093.D
 Acq: 26 Oct 2023 21:26

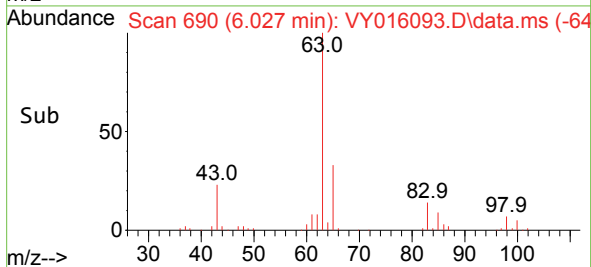
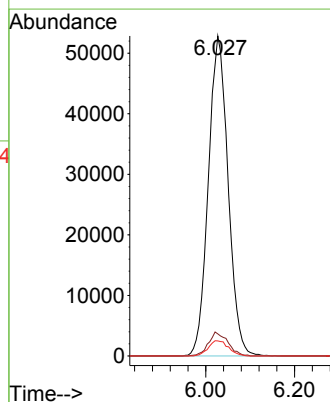
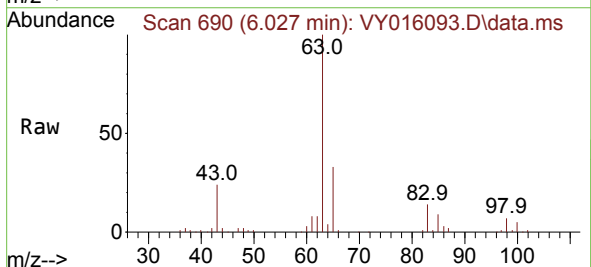
Instrument :
 MSVOA_Y
 ClientSampleId :

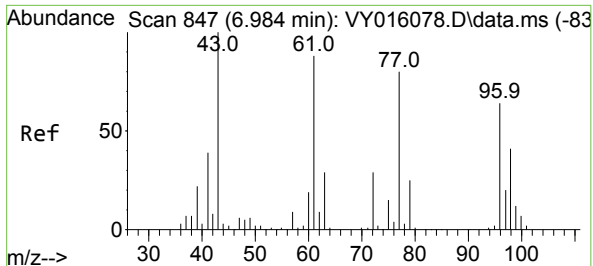
Tgt Ion: 43 Resp: 733576
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.892 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY016093.D
 Acq: 26 Oct 2023 21:26

Tgt Ion: 63 Resp: 163240
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 253.408 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

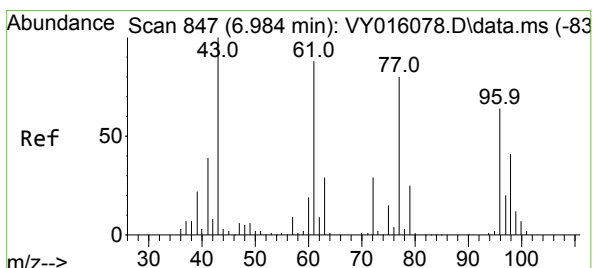
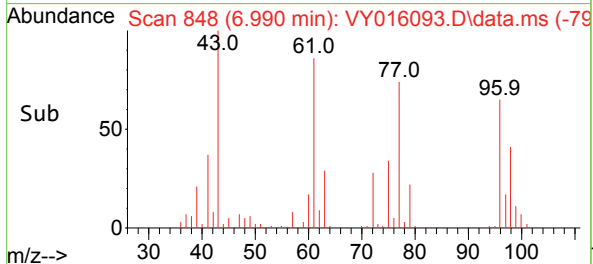
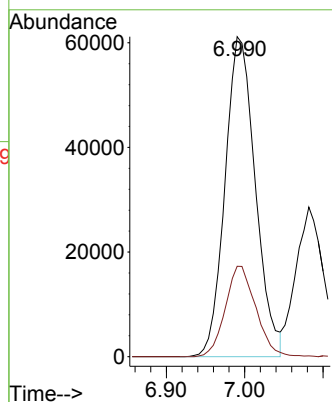
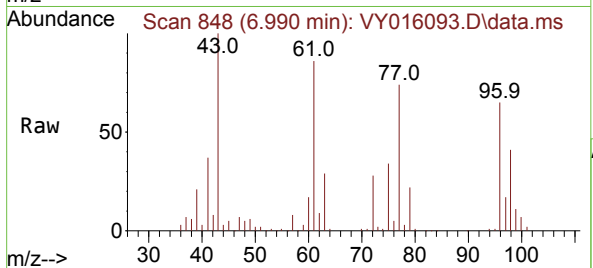
ClientSampleId :

Tgt Ion: 43 Resp: 164783

Ion Ratio Lower Upper

43 100

72 28.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 46.135 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY016093.D

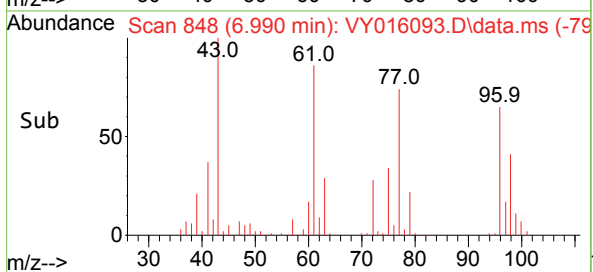
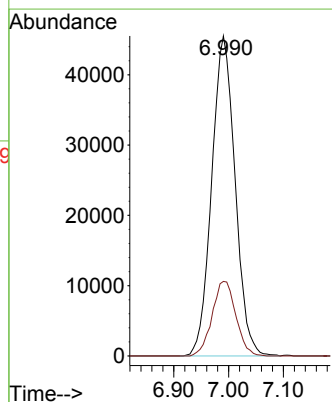
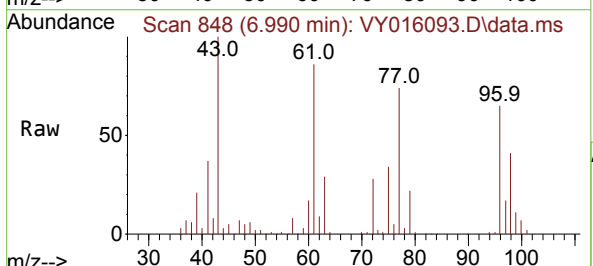
Acq: 26 Oct 2023 21:26

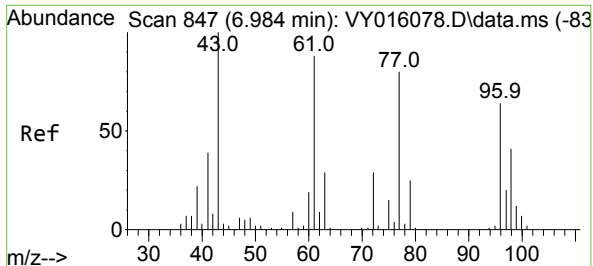
Tgt Ion: 77 Resp: 134915

Ion Ratio Lower Upper

77 100

97 23.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.414 ug/l

RT: 6.997 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

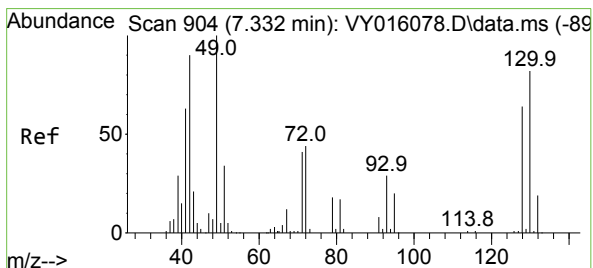
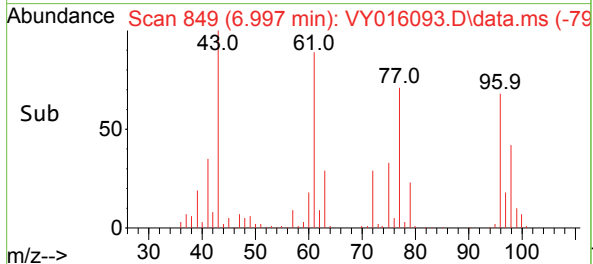
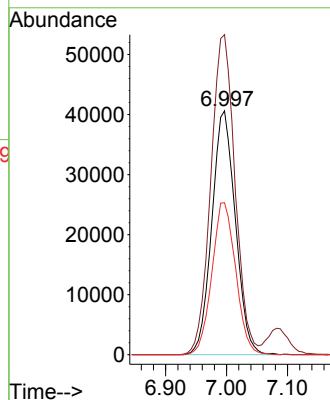
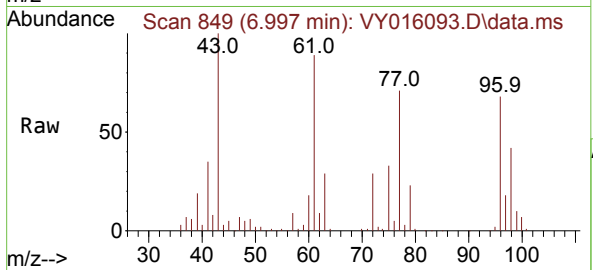
Tgt Ion: 96 Resp: 108995

Ion Ratio Lower Upper

96 100

61 135.2 0.0 301.4

98 63.0 0.0 130.4



#28

Bromochloromethane

Concen: 56.405 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

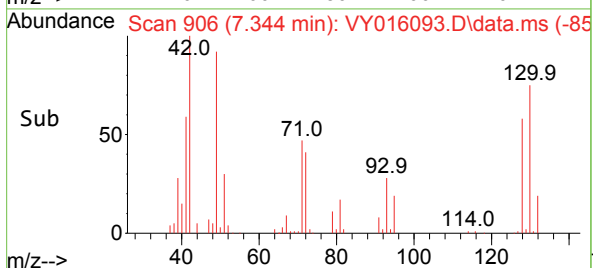
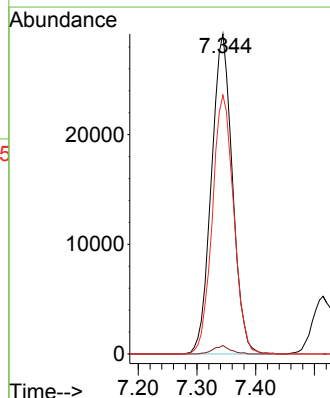
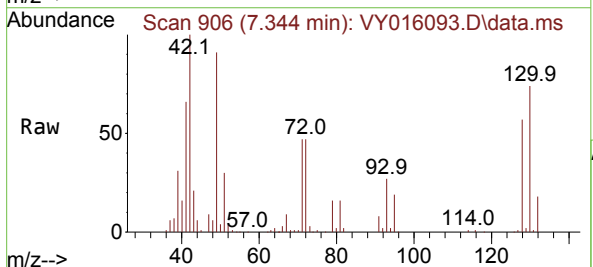
Tgt Ion: 49 Resp: 72590

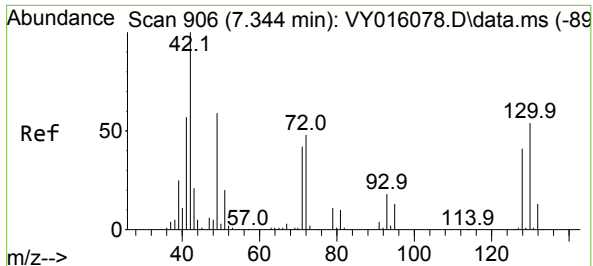
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 81.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 296.856 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

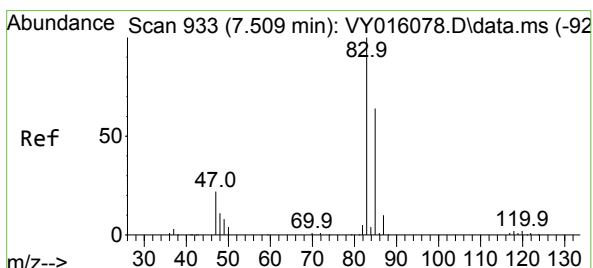
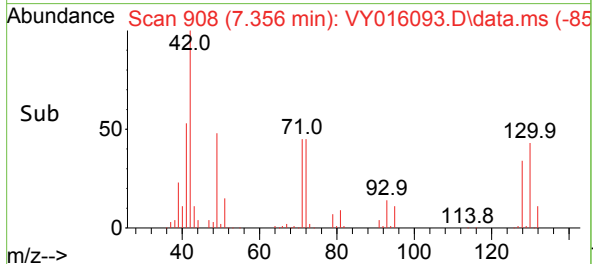
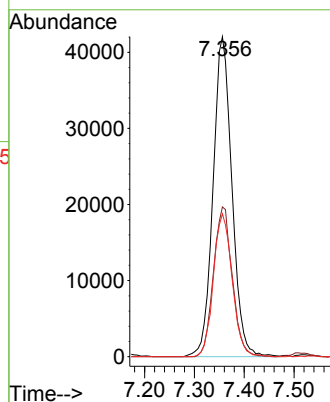
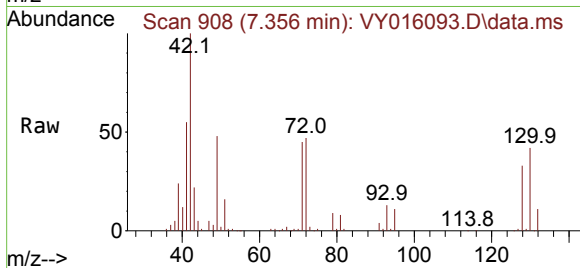
Tgt Ion: 42 Resp: 110757

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 44.4 31.0 46.4



#30

Chloroform

Concen: 52.993 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY016093.D

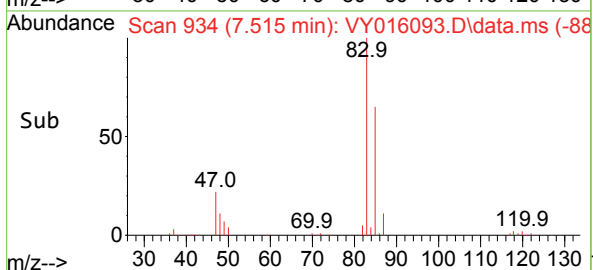
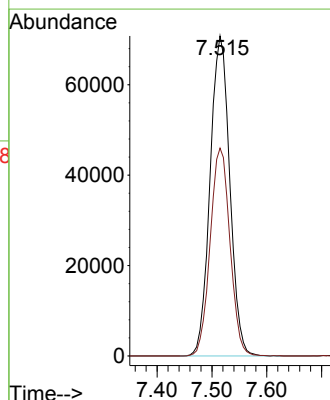
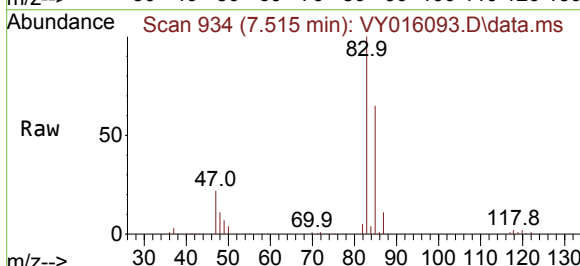
Acq: 26 Oct 2023 21:26

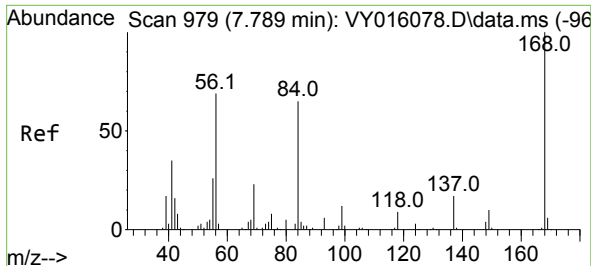
Tgt Ion: 83 Resp: 176101

Ion Ratio Lower Upper

83 100

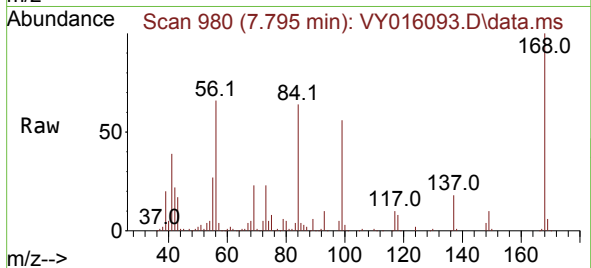
85 65.0 49.7 74.5



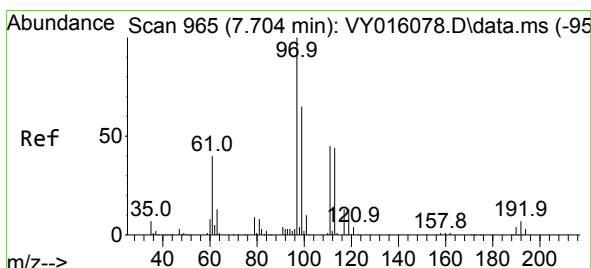
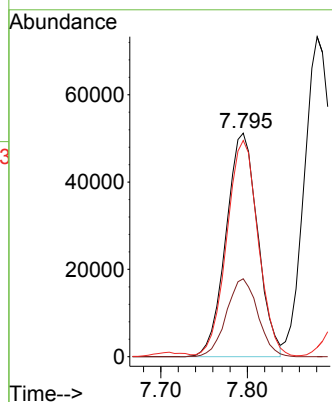
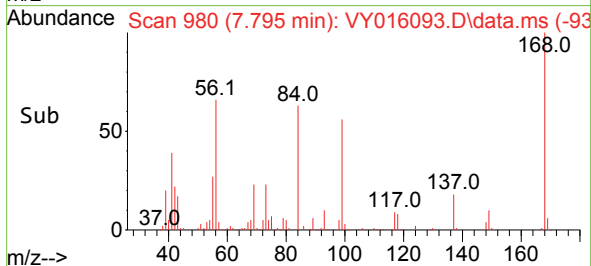


#31
Cyclohexane
Concen: 46.586 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

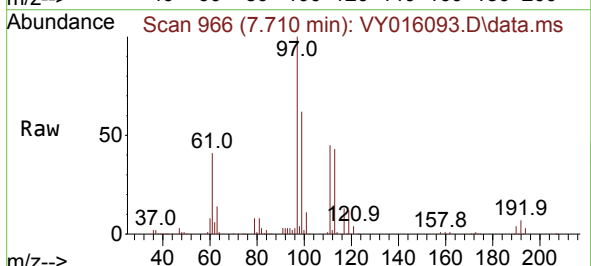
Instrument :
MSVOA_Y
ClientSampleId :



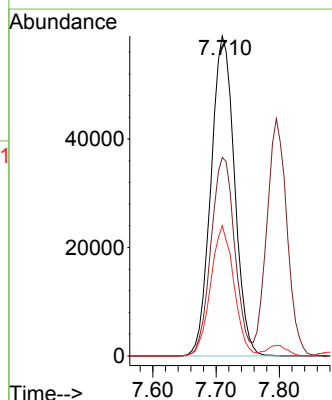
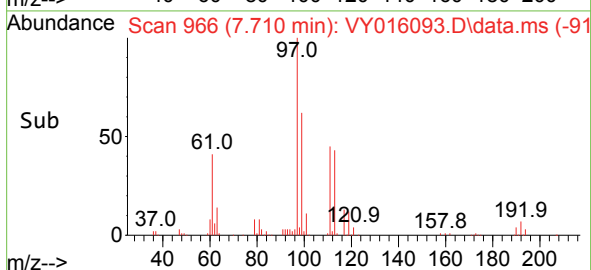
Tgt Ion: 56 Resp: 130277
Ion Ratio Lower Upper
56 100
69 34.9 27.8 41.6
84 95.2 66.4 99.6

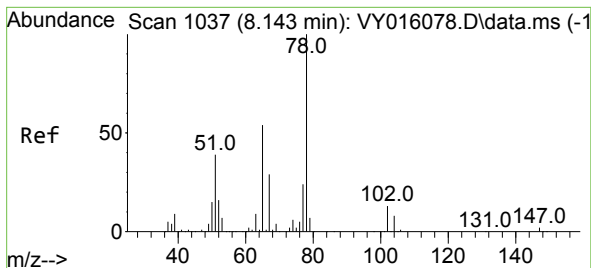


#32
1,1,1-Trichloroethane
Concen: 51.109 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26



Tgt Ion: 97 Resp: 152341
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 40.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.464 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

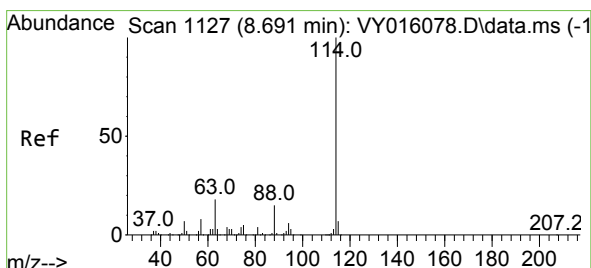
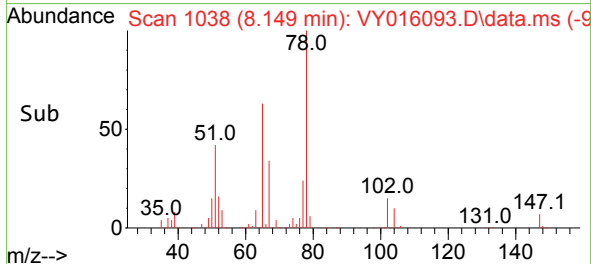
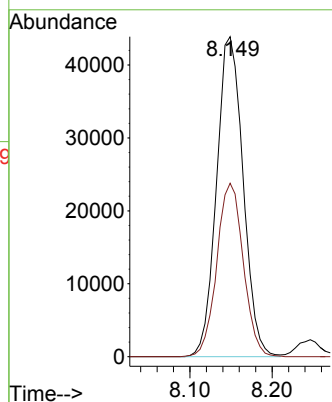
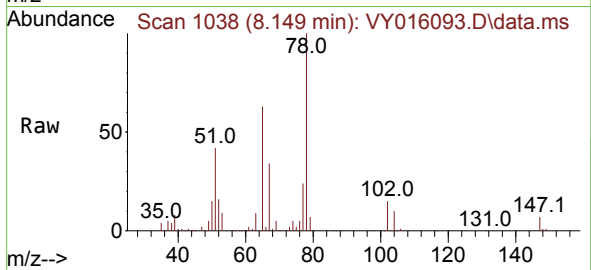
ClientSampleId :

Tgt Ion: 65 Resp: 98591

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

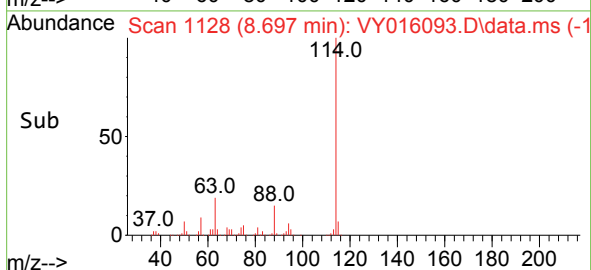
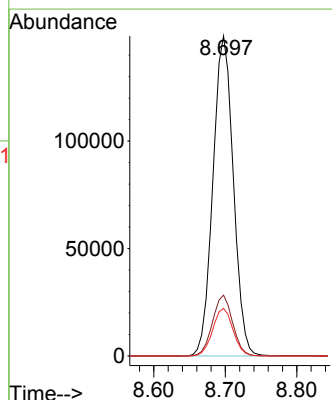
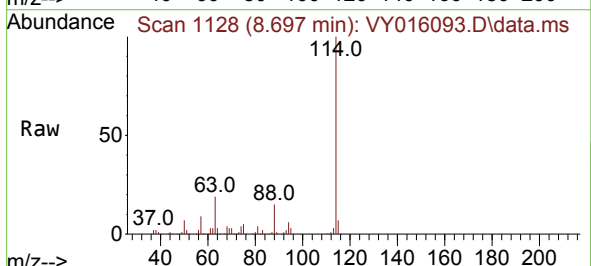
Tgt Ion: 114 Resp: 295225

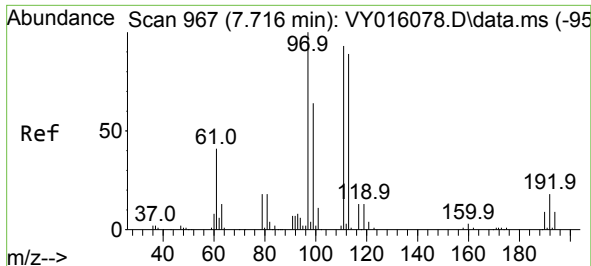
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

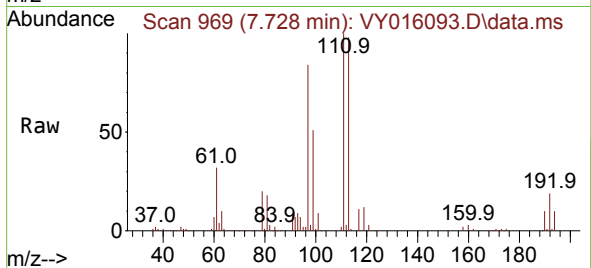
88 14.8 0.0 30.6



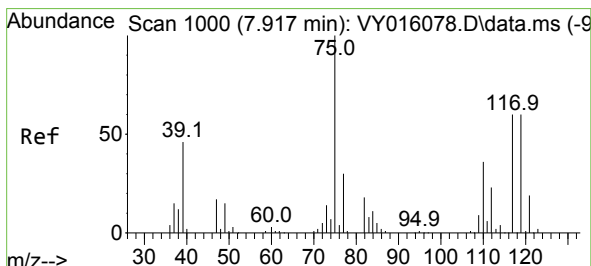
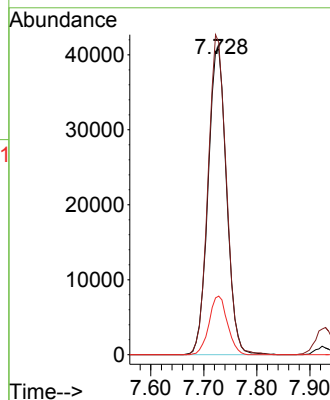
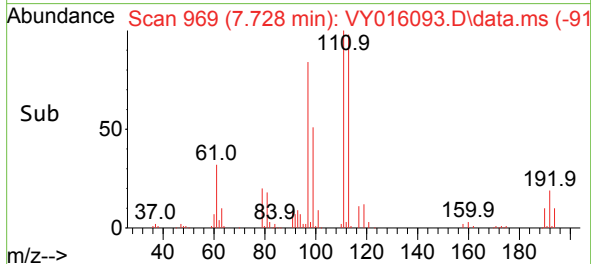


#35
Dibromofluoromethane
Concen: 53.172 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

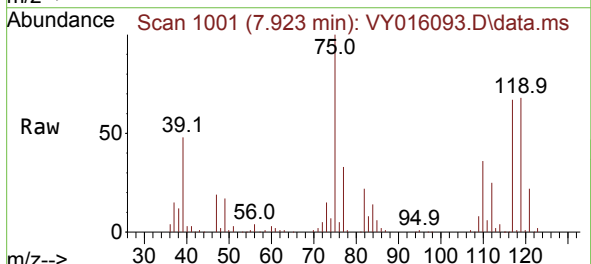
Instrument :
MSVOA_Y
ClientSampleId :



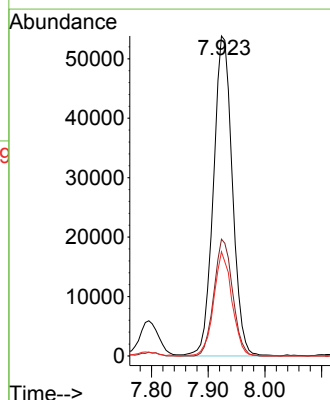
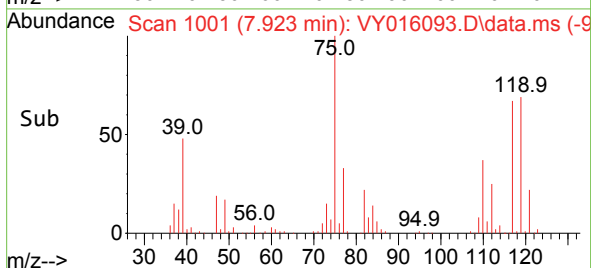
Tgt Ion:113 Resp: 99098
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.0 16.9 25.3

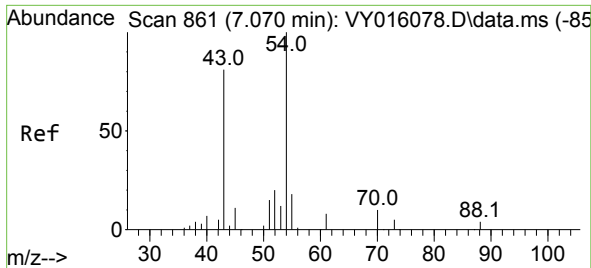


#36
1,1-Dichloropropene
Concen: 48.133 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26



Tgt Ion: 75 Resp: 125045
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 54.682 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.012 min

Lab File: VY016093.D

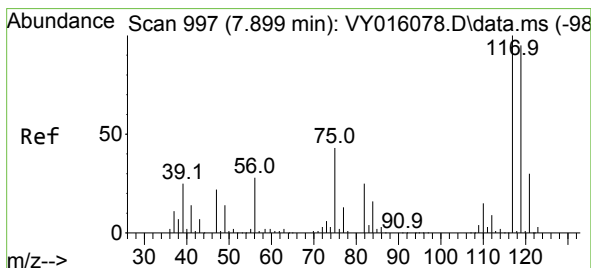
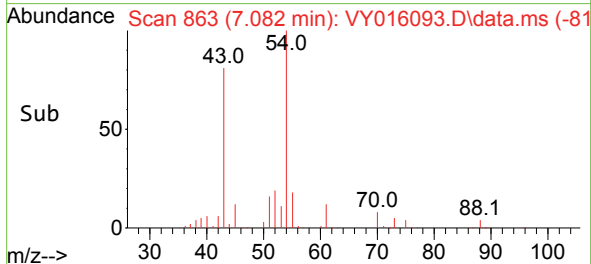
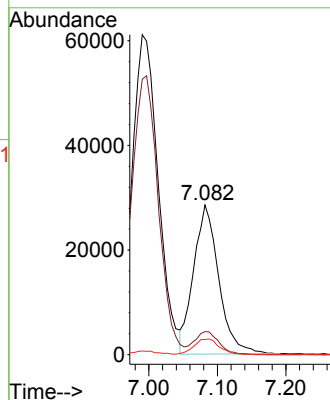
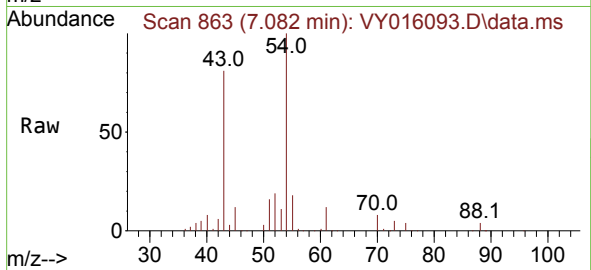
Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 72814
Ion Ratio	Lower Upper
43	100
61	15.4 10.1 15.1#
70	10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 48.636 ug/l

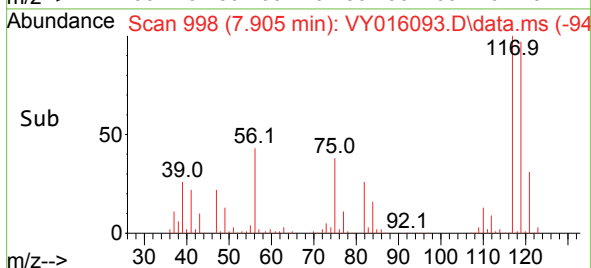
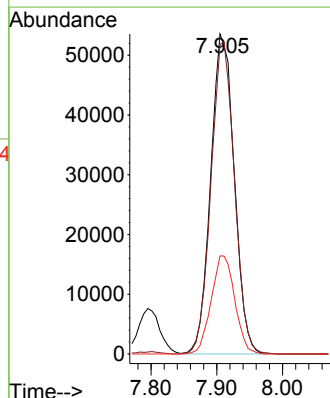
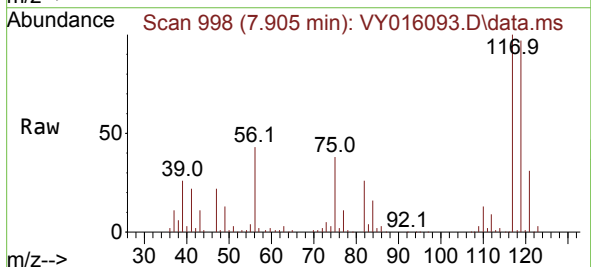
RT: 7.905 min Scan# 998

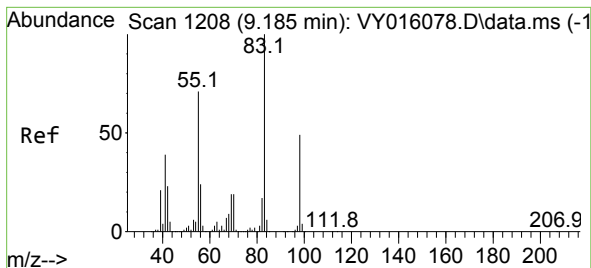
Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Tgt Ion: 117	Resp: 133617
Ion Ratio	Lower Upper
117	100
119	96.7 76.4 114.6
121	30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 47.929 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

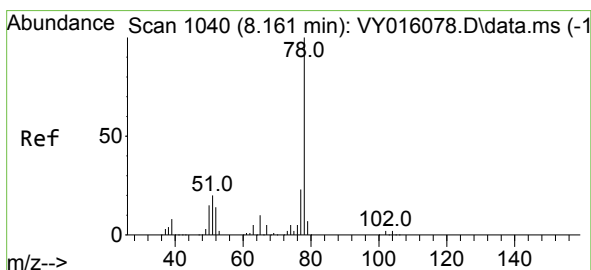
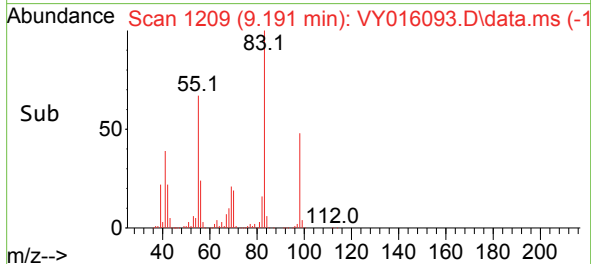
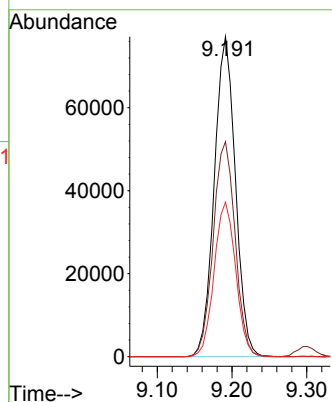
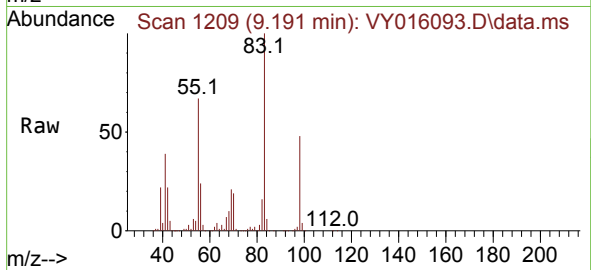
Tgt Ion: 83 Resp: 151690

Ion Ratio Lower Upper

83 100

55 67.2 63.0 94.4

98 48.3 37.4 56.2



#40

Benzene

Concen: 50.775 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY016093.D

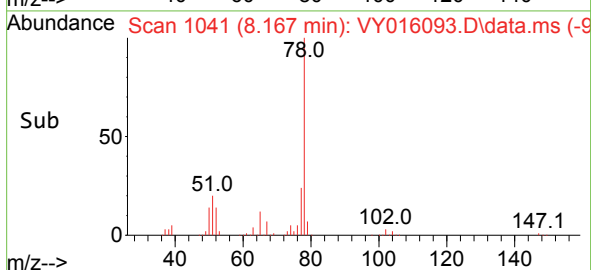
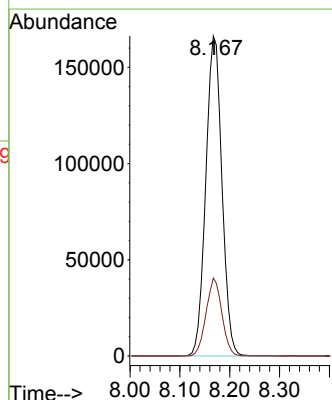
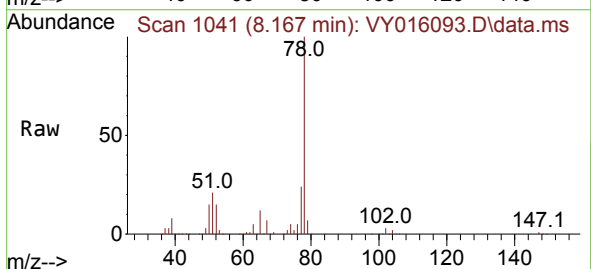
Acq: 26 Oct 2023 21:26

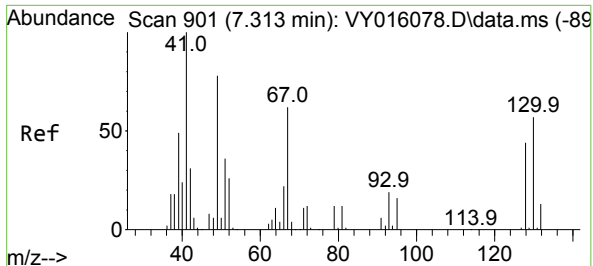
Tgt Ion: 78 Resp: 373465

Ion Ratio Lower Upper

78 100

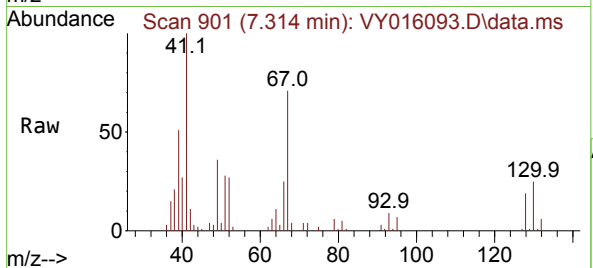
77 24.4 19.0 28.6



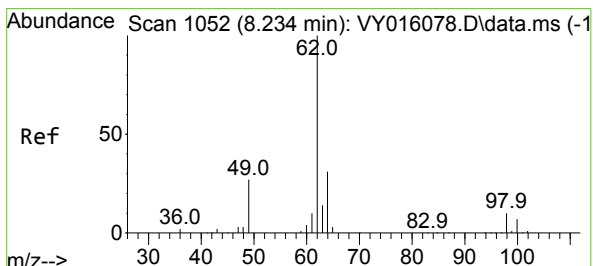
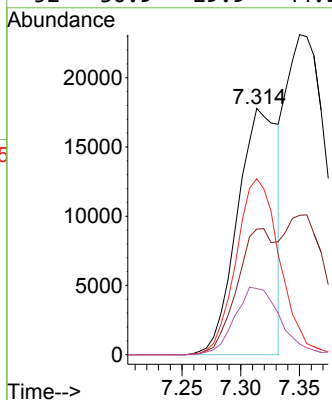
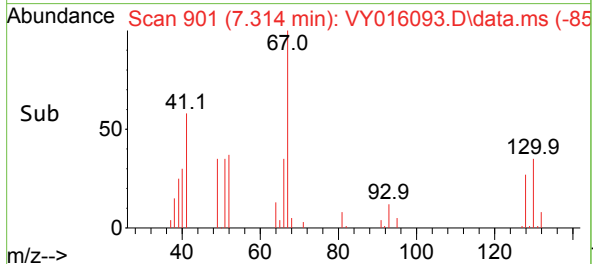


#41
Methacrylonitrile
Concen: 60.998 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

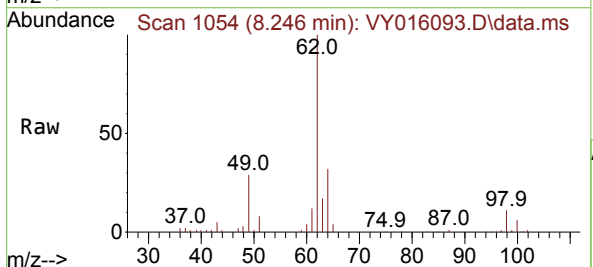
Instrument :
MSVOA_Y
ClientSampleId :



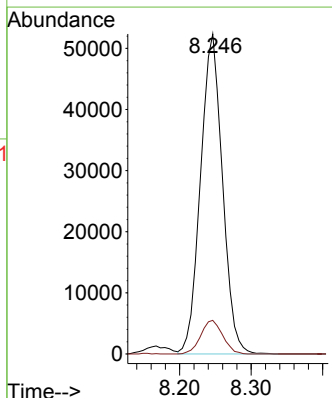
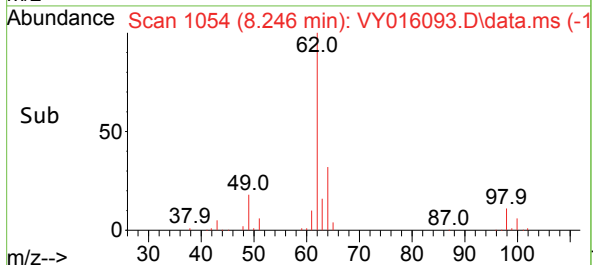
Tgt Ion:	41	Resp:	42509
Ion	Ratio	Lower	Upper
41	100		
39	43.9	52.1	78.1#
67	77.8	66.2	99.2
52	30.9	29.9	44.9

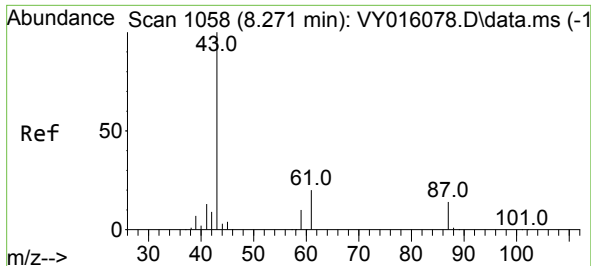


#42
1,2-Dichloroethane
Concen: 52.510 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26



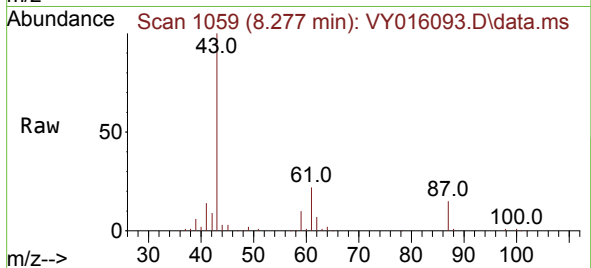
Tgt Ion:	62	Resp:	111600
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	15.8



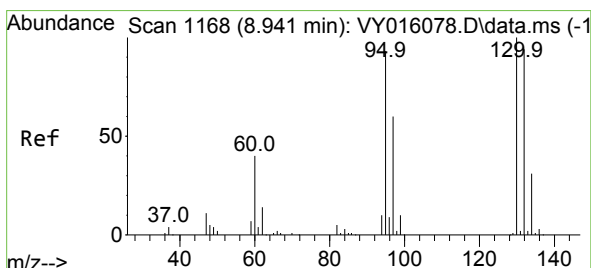
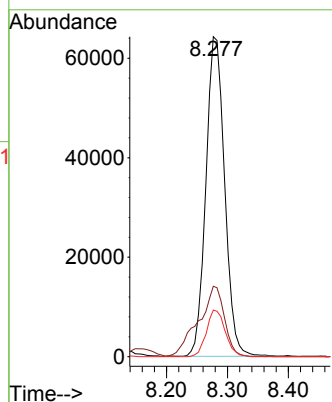
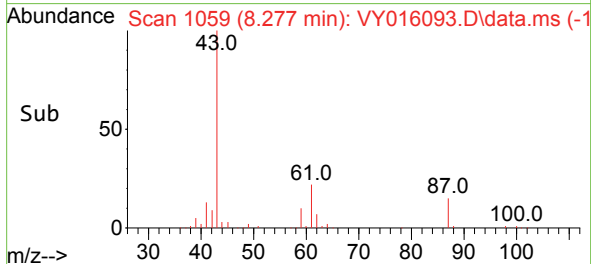


#43
Isopropyl Acetate
Concen: 55.287 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Instrument :
MSVOA_Y
ClientSampleId :

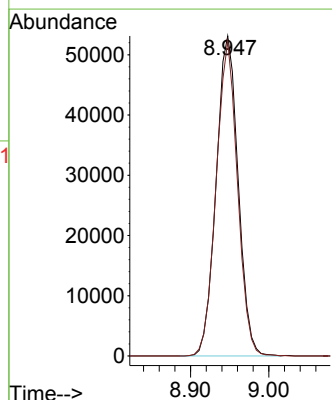
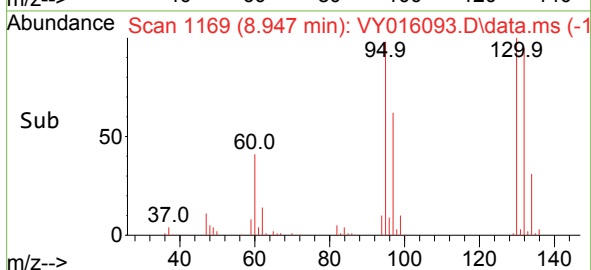
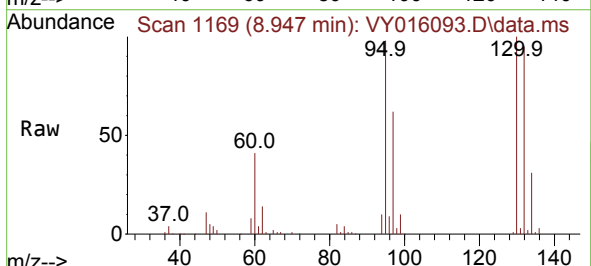


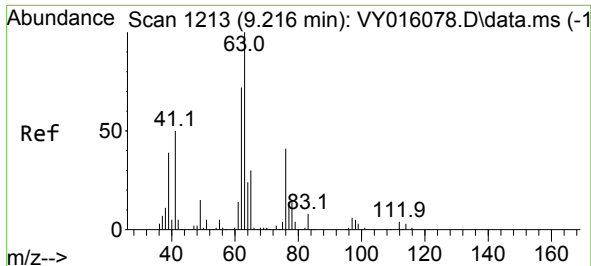
Tgt Ion: 43 Resp: 137649
Ion Ratio Lower Upper
43 100
61 30.5 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 50.407 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 130 Resp: 103528
Ion Ratio Lower Upper
130 100
95 98.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.045 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

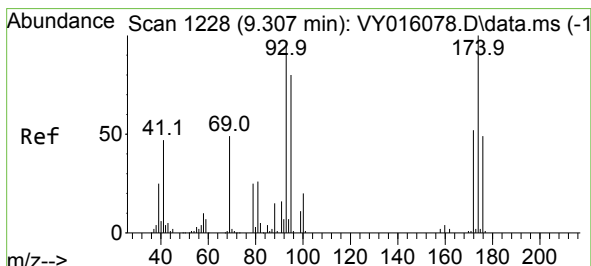
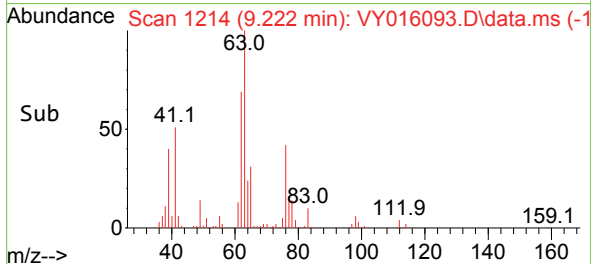
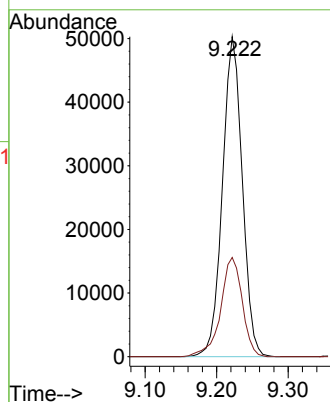
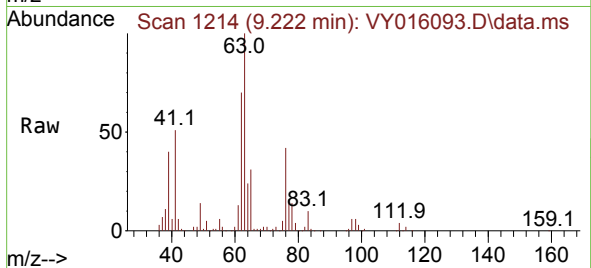
ClientSampleId :

Tgt Ion: 63 Resp: 96885

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 54.208 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

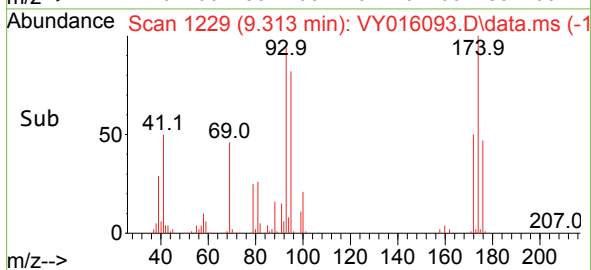
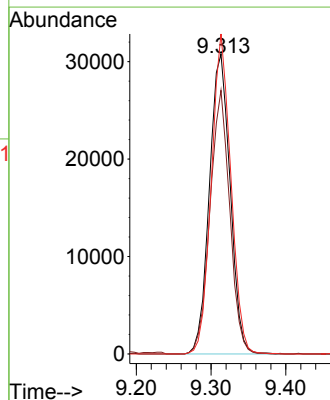
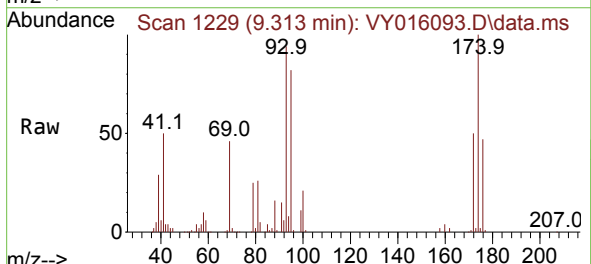
Tgt Ion: 93 Resp: 59169

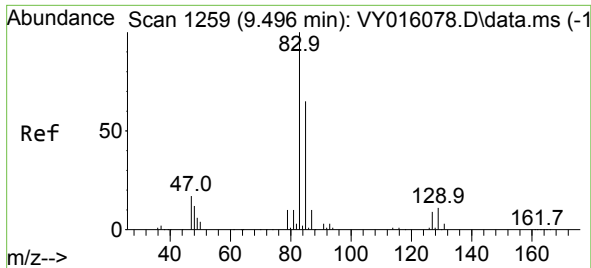
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

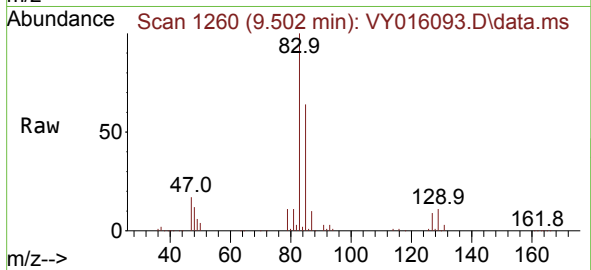
174 100.8 84.8 127.2



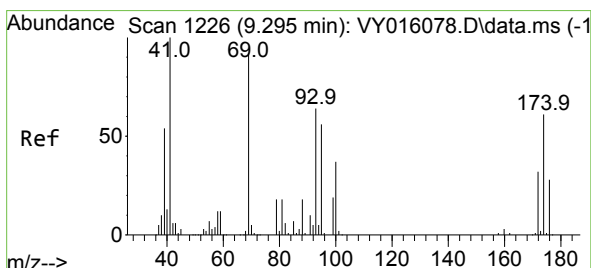
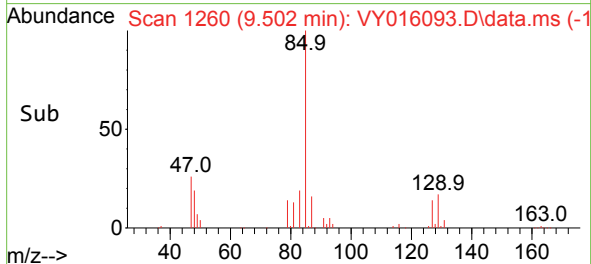
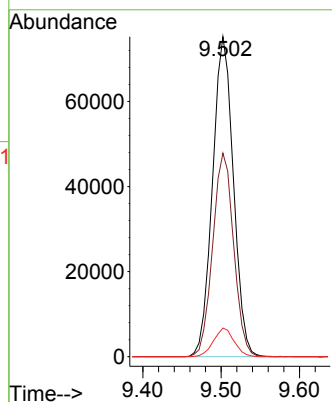


#47
Bromodichloromethane
Concen: 52.784 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Instrument :
MSVOA_Y
ClientSampleId :

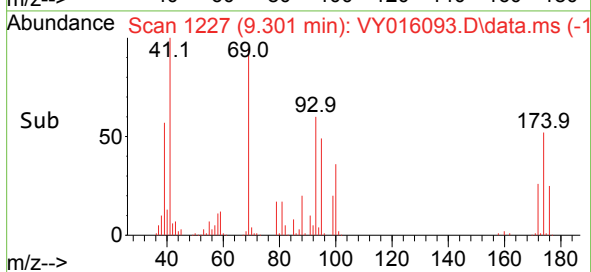
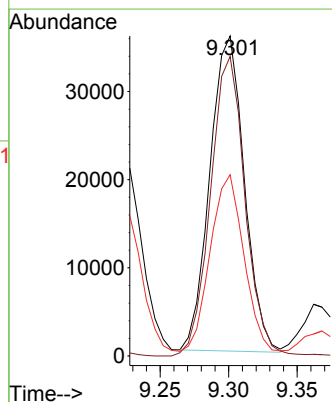
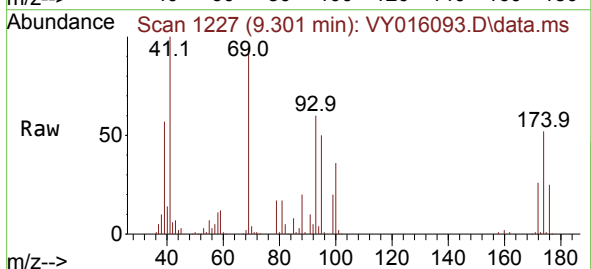


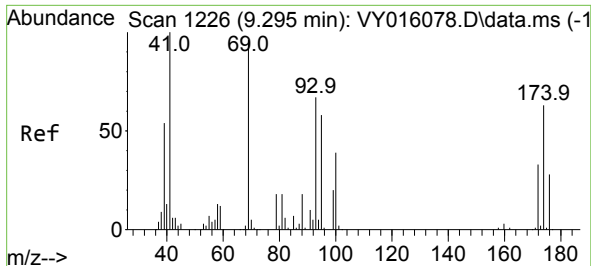
Tgt Ion: 83 Resp: 139340
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 54.463 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 41 Resp: 62470
Ion Ratio Lower Upper
41 100
69 95.7 64.5 96.7
39 57.7 50.8 76.2





#49

1,4-Dioxane

Concen: 1145.026 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

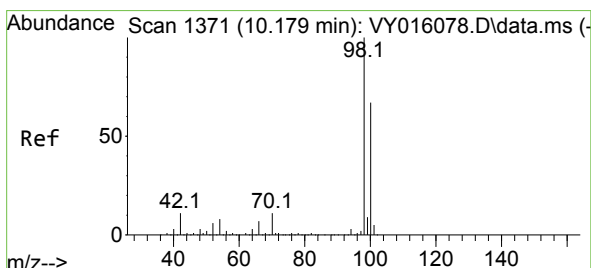
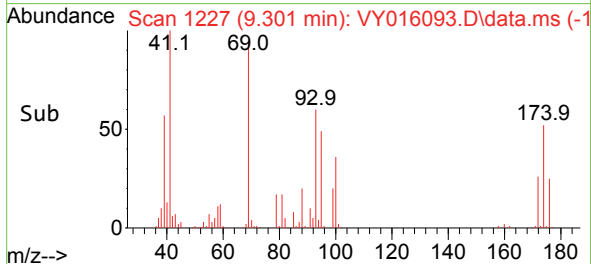
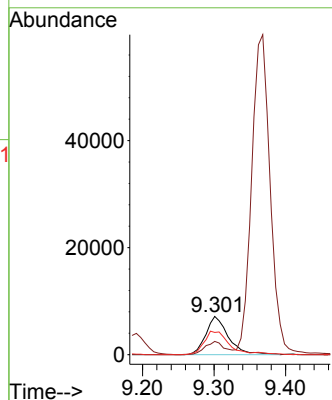
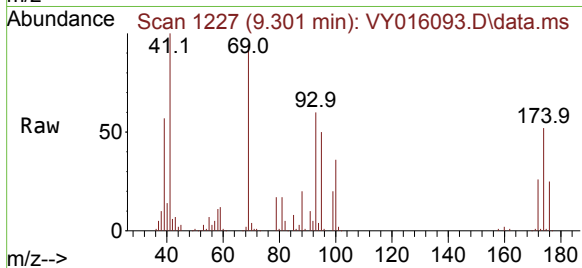
Tgt Ion: 88 Resp: 15637

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0#

58 65.8 30.9 46.3#



#50

Toluene-d8

Concen: 54.001 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY016093.D

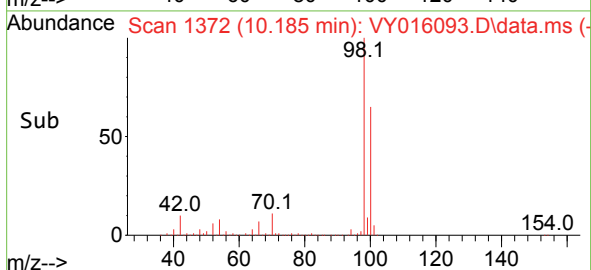
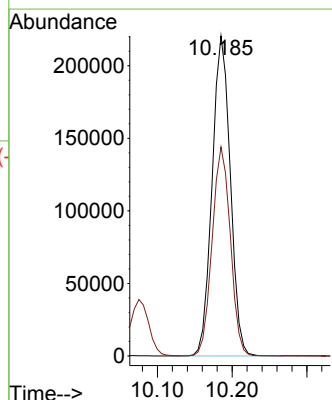
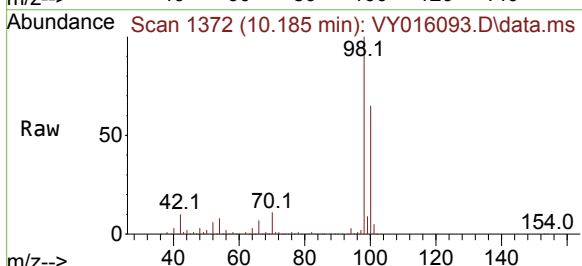
Acq: 26 Oct 2023 21:26

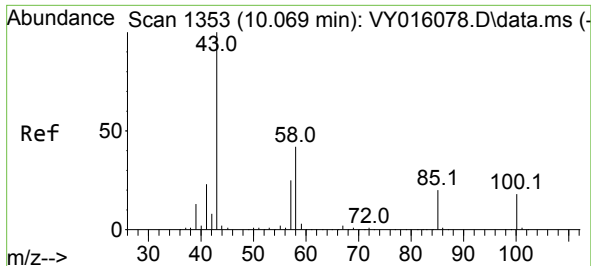
Tgt Ion: 98 Resp: 372802

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 290.383 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

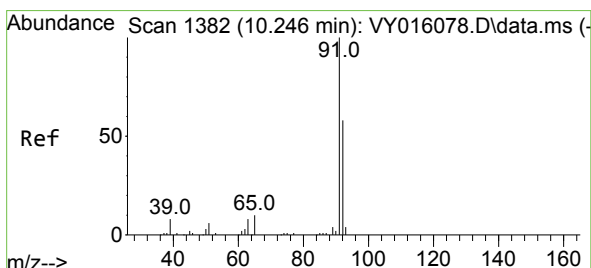
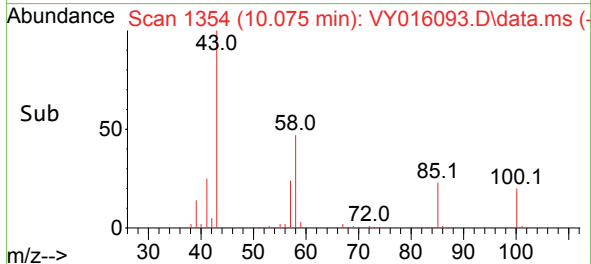
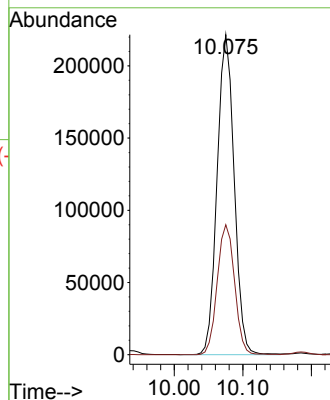
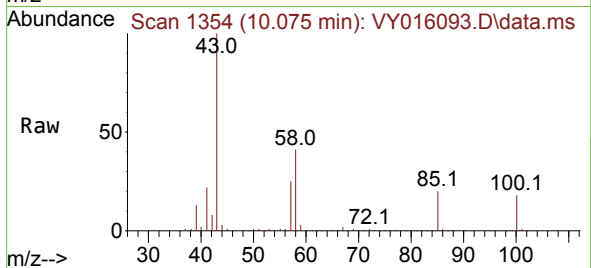
ClientSampleId :

Tgt Ion: 43 Resp: 381489

Ion Ratio Lower Upper

43 100

58 41.3 29.0 43.6



#52

Toluene

Concen: 51.042 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY016093.D

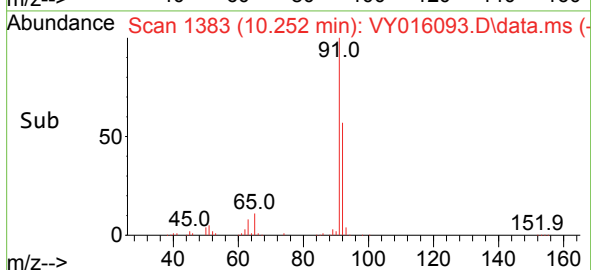
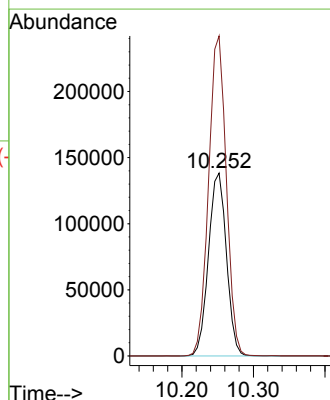
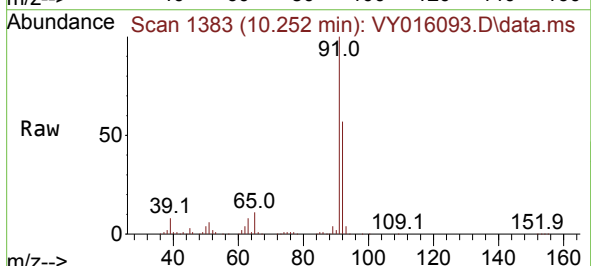
Acq: 26 Oct 2023 21:26

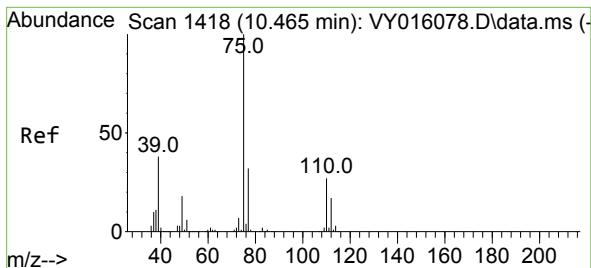
Tgt Ion: 92 Resp: 241079

Ion Ratio Lower Upper

92 100

91 172.8 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 53.784 ug/l

RT: 10.471 min Scan# 1418

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

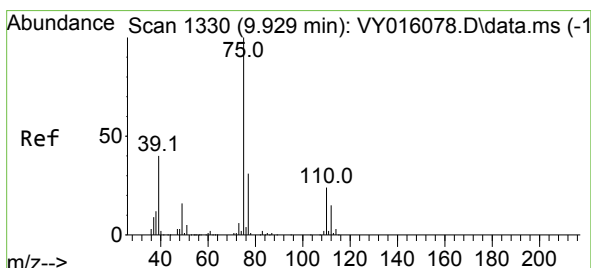
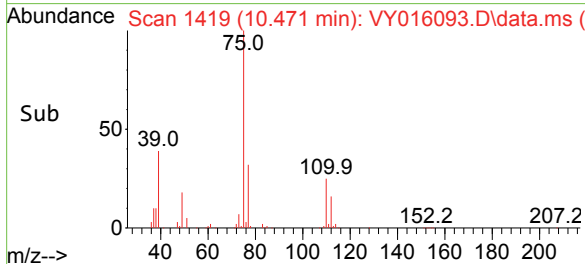
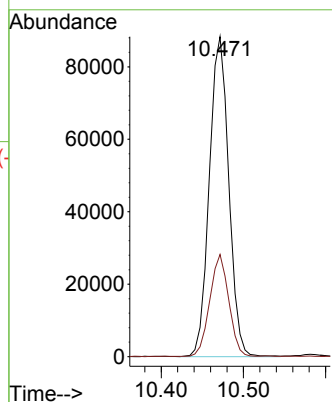
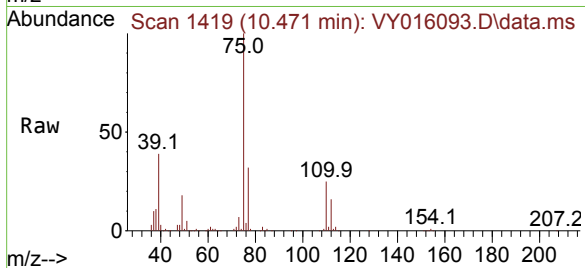
ClientSampleId :

Tgt Ion: 75 Resp: 145186

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 53.037 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

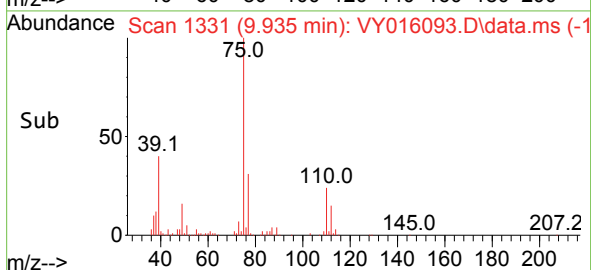
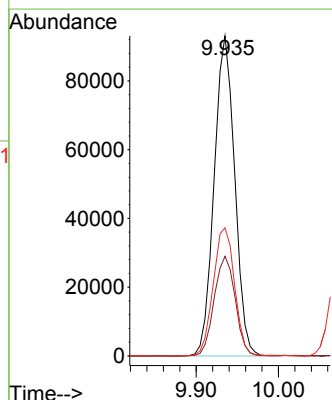
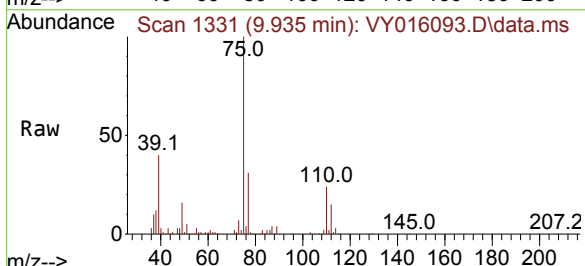
Tgt Ion: 75 Resp: 161909

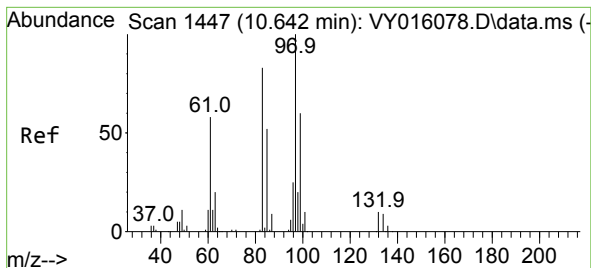
Ion Ratio Lower Upper

75 100

77 31.1 24.2 36.4

39 40.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 55.154 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 85537

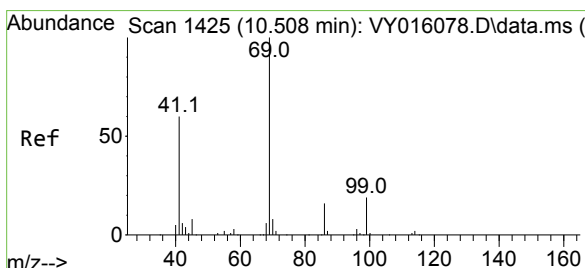
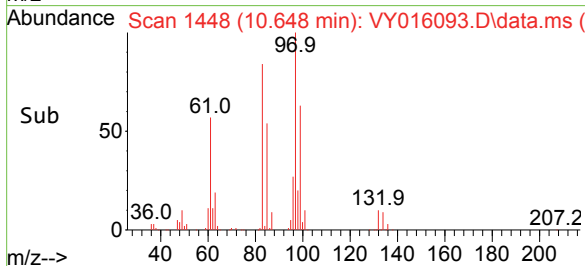
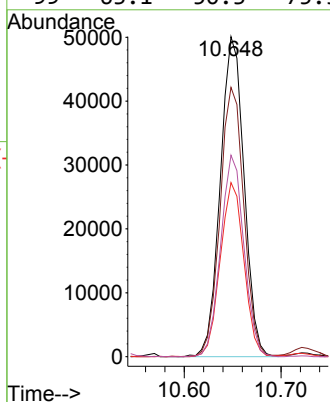
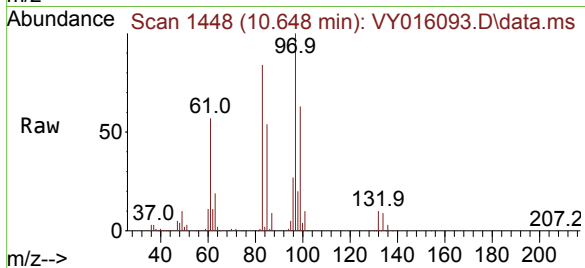
Ion Ratio Lower Upper

97 100

83 84.3 72.0 108.0

85 54.4 45.4 68.0

99 63.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 57.642 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

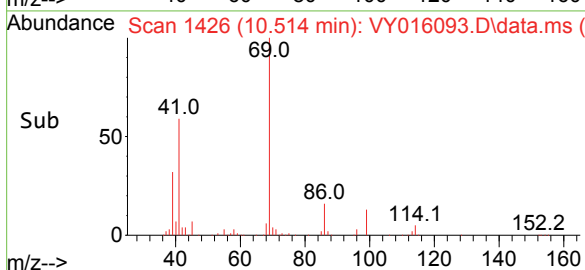
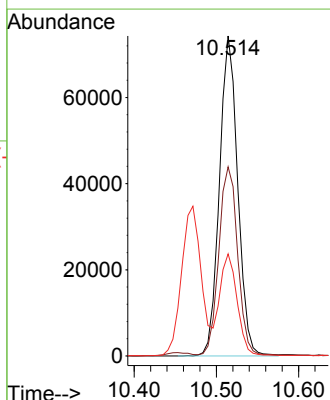
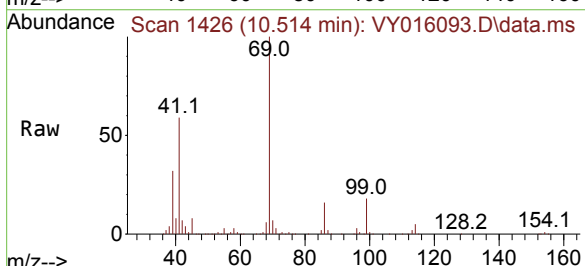
Tgt Ion: 69 Resp: 114887

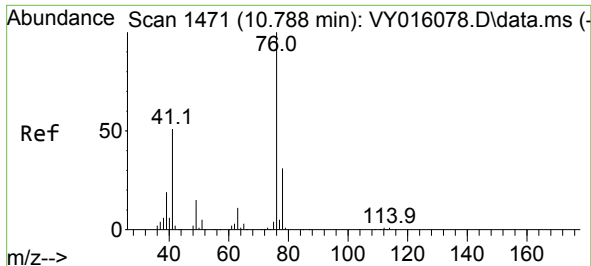
Ion Ratio Lower Upper

69 100

41 60.6 57.6 86.4

39 29.8 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 54.817 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

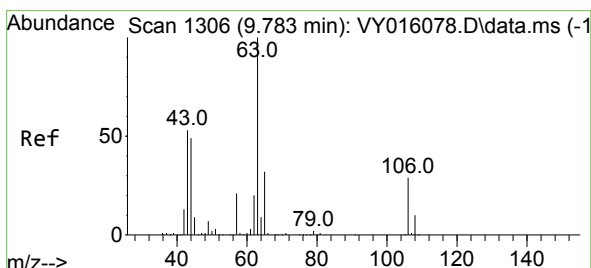
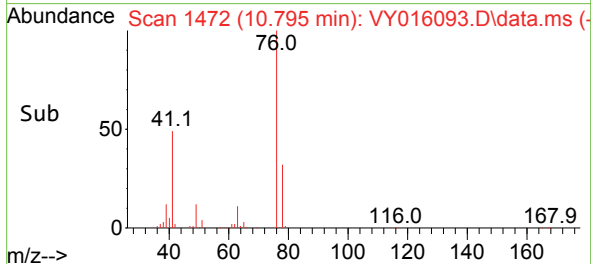
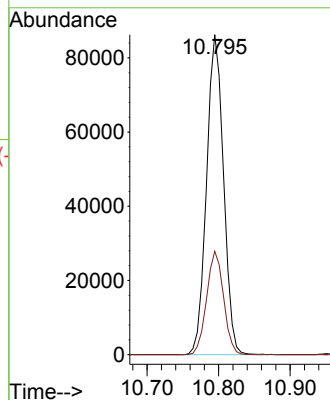
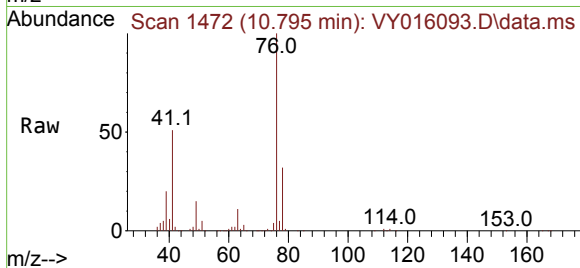
ClientSampleId :

Tgt Ion: 76 Resp: 142111

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 288.620 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY016093.D

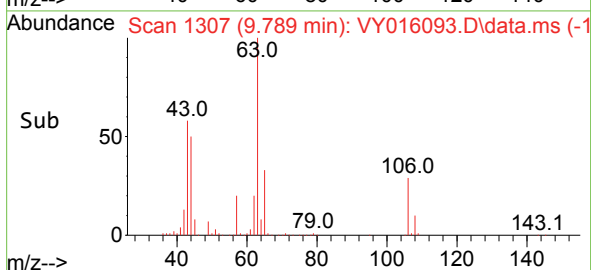
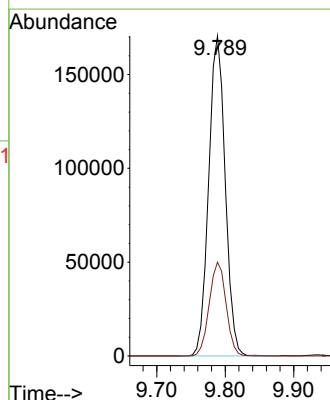
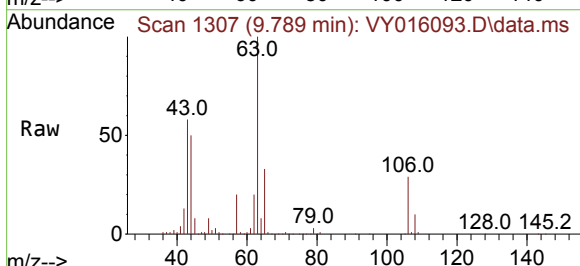
Acq: 26 Oct 2023 21:26

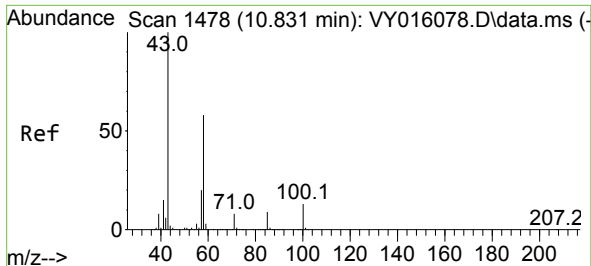
Tgt Ion: 63 Resp: 286378

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8

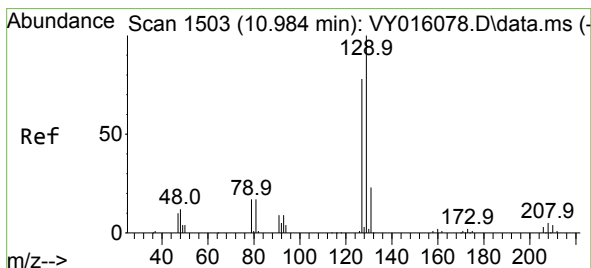
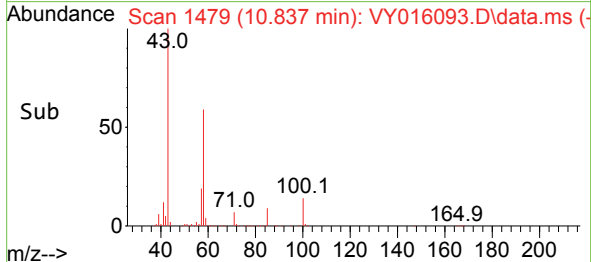
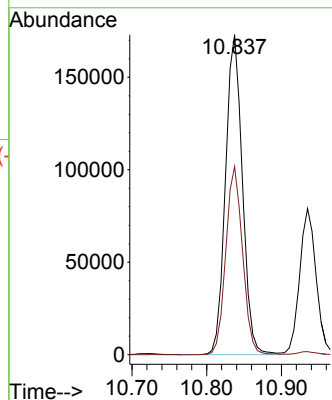
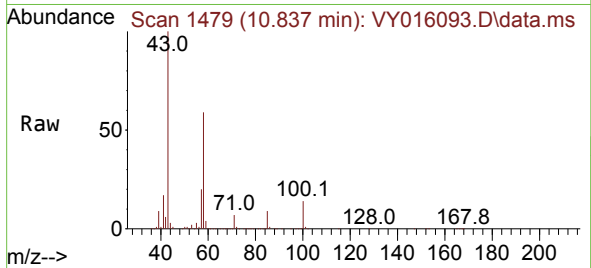




#59
2-Hexanone
Concen: 281.953 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

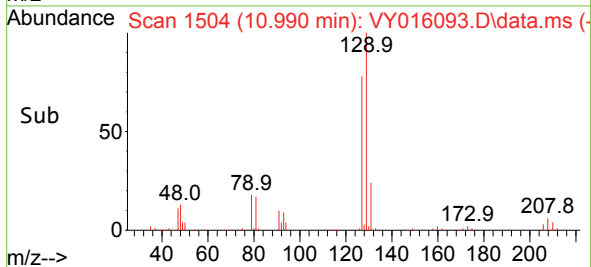
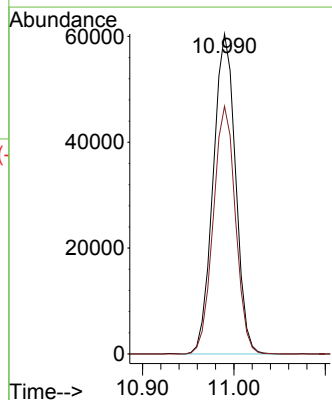
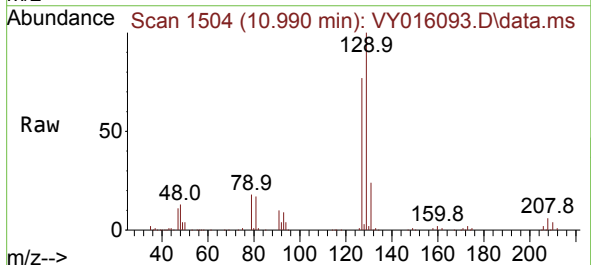
Instrument :
MSVOA_Y
ClientSampleId :

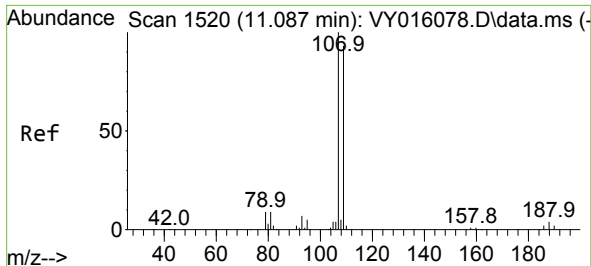
Tgt Ion: 43 Resp: 272859
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3



#60
Dibromochloromethane
Concen: 54.131 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 129 Resp: 102802
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

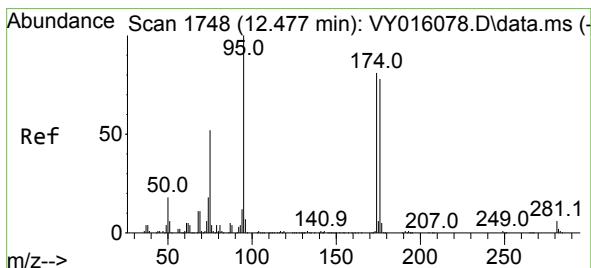
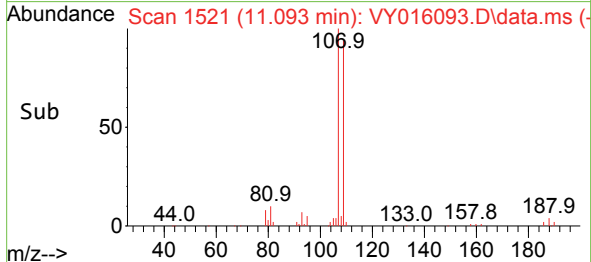
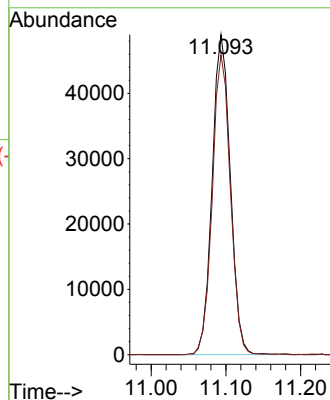
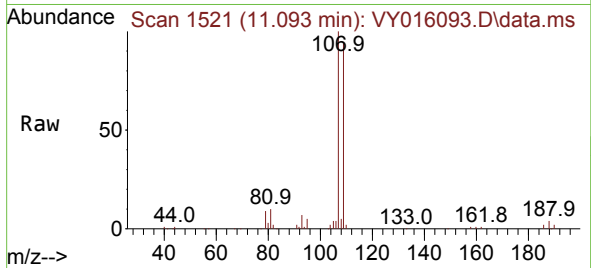




#61
1,2-Dibromoethane
Concen: 55.767 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

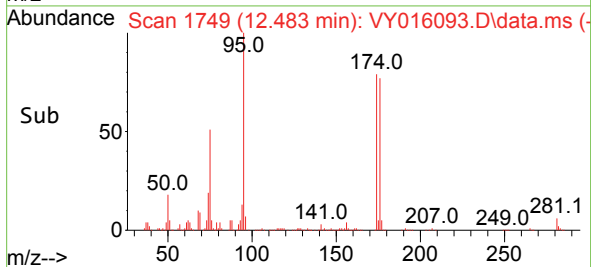
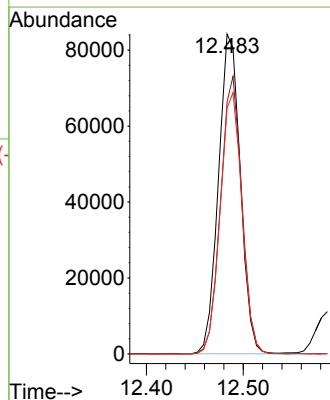
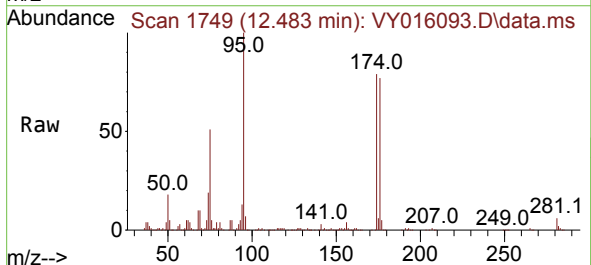
Instrument :
MSVOA_Y
ClientSampleId :

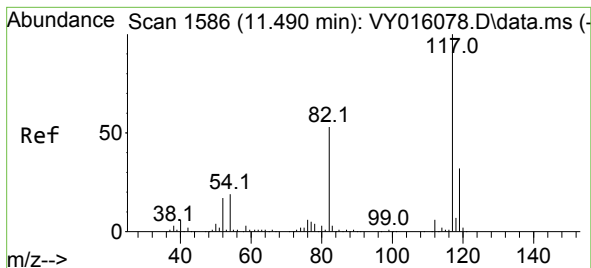
Tgt Ion:107 Resp: 82816
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.677 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 95 Resp: 131849
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

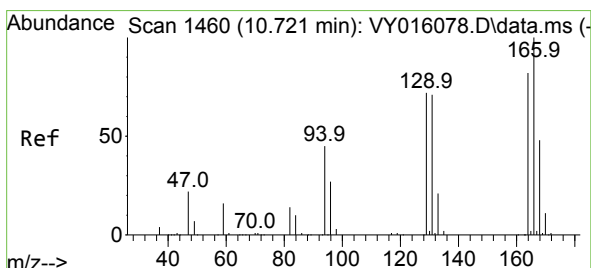
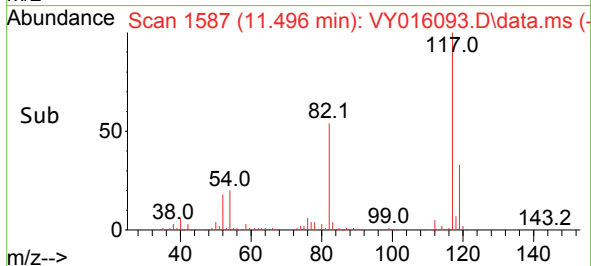
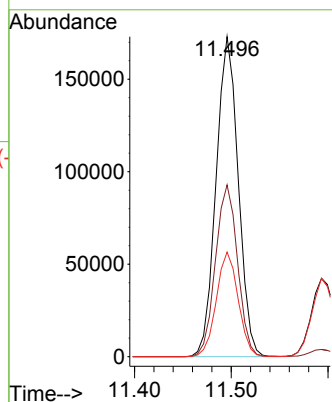
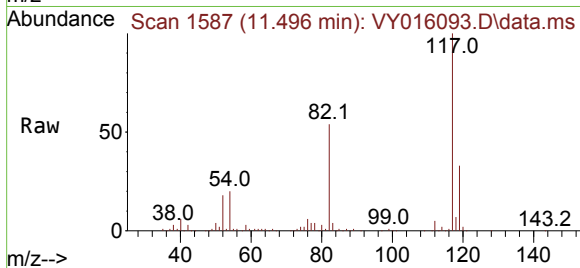
Tgt Ion:117 Resp: 275036

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 54.634 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Tgt Ion:164 Resp: 99437

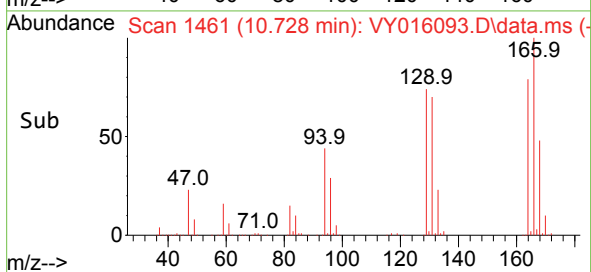
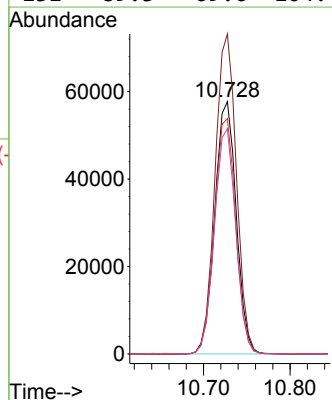
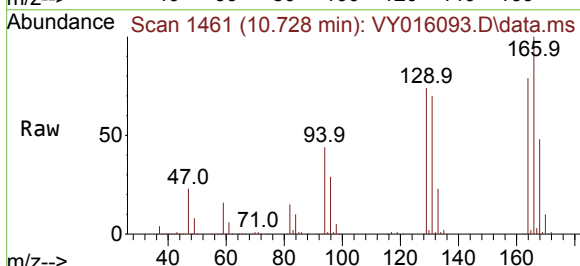
Ion Ratio Lower Upper

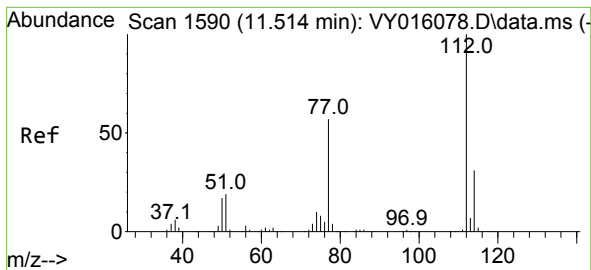
164 100

166 126.8 103.0 154.6

129 93.3 77.2 115.8

131 89.3 69.6 104.4





#65

Chlorobenzene

Concen: 49.557 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

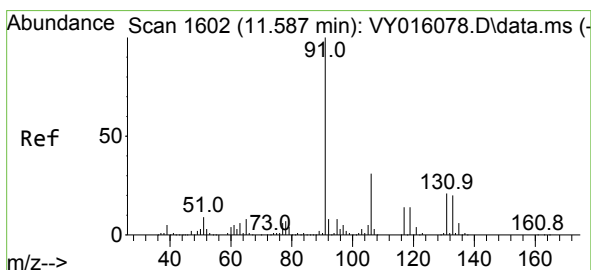
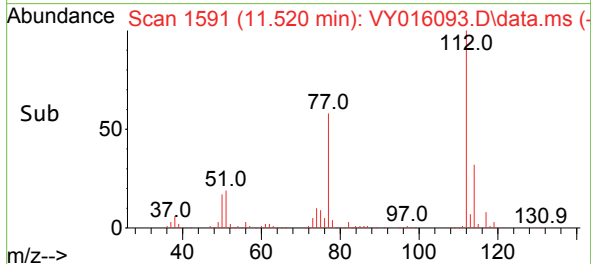
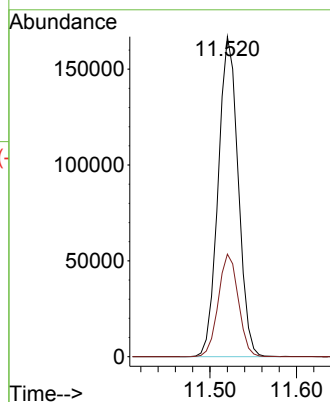
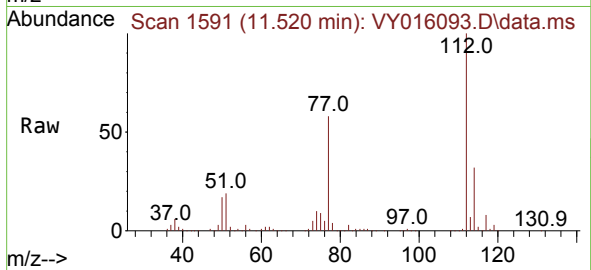
ClientSampleId :

Tgt Ion:112 Resp: 267849

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.258 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

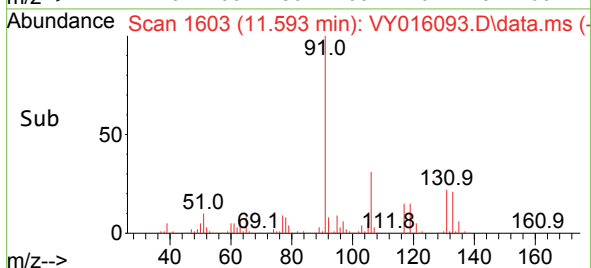
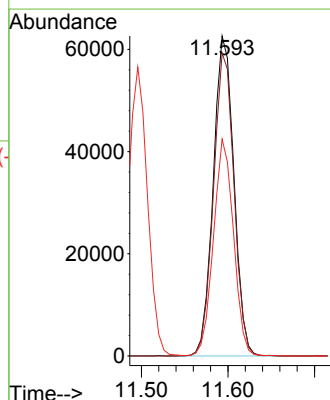
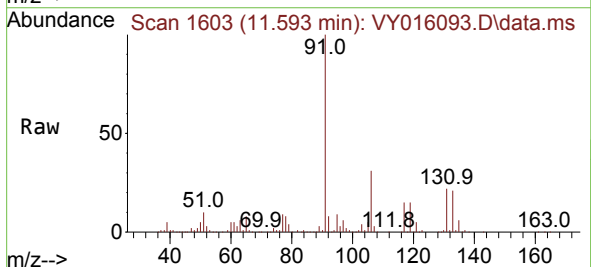
Tgt Ion:131 Resp: 103463

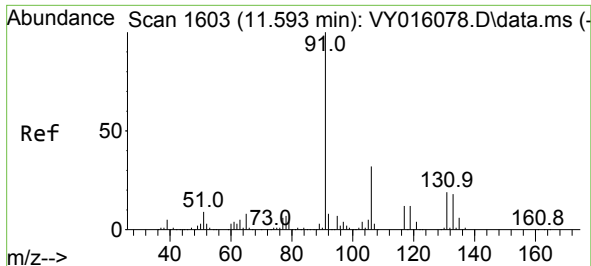
Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.6

119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 49.228 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

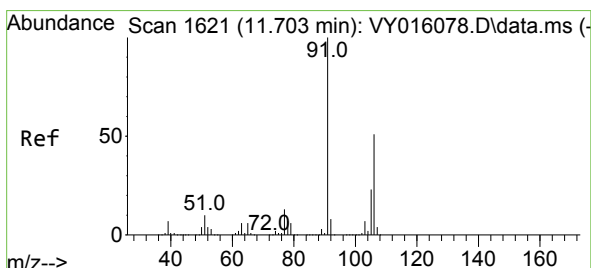
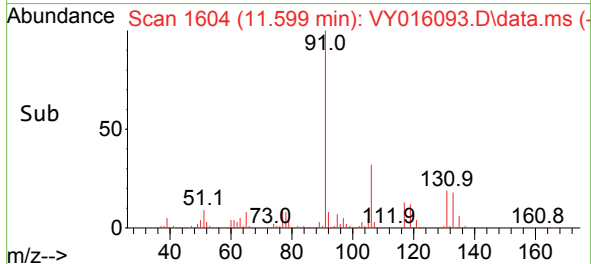
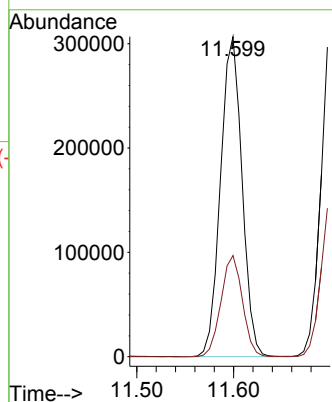
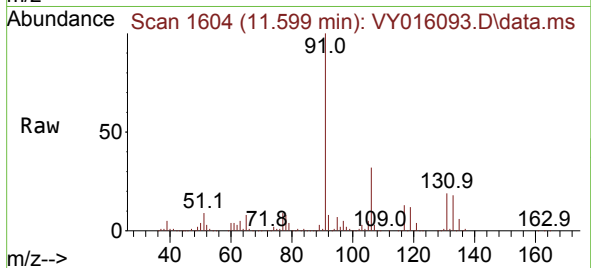
ClientSampleId :

Tgt Ion: 91 Resp: 472596

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 98.380 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY016093.D

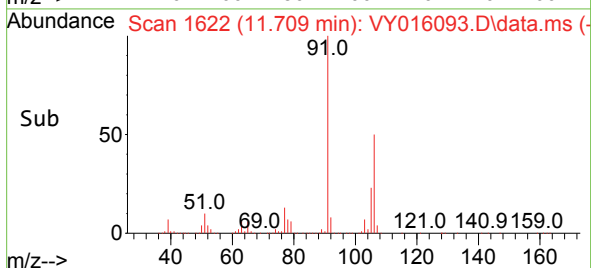
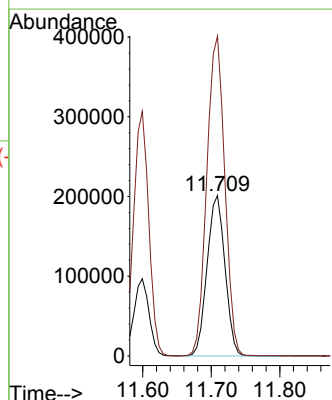
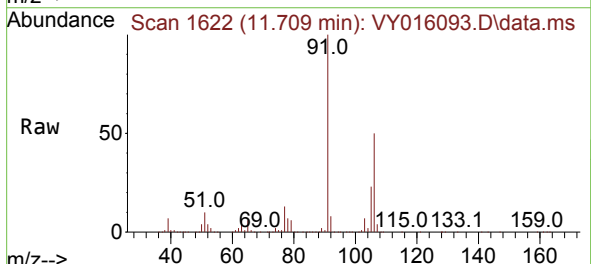
Acq: 26 Oct 2023 21:26

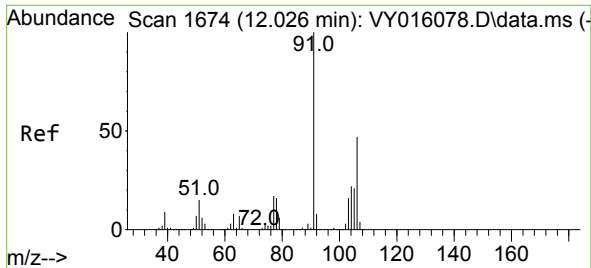
Tgt Ion:106 Resp: 365500

Ion Ratio Lower Upper

106 100

91 200.2 166.1 249.1

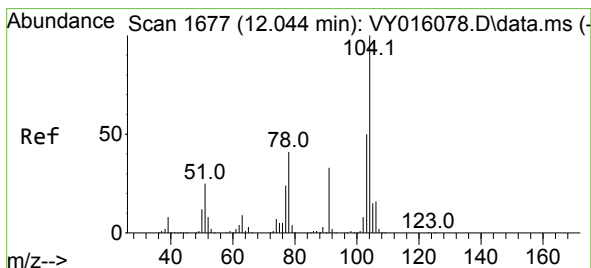
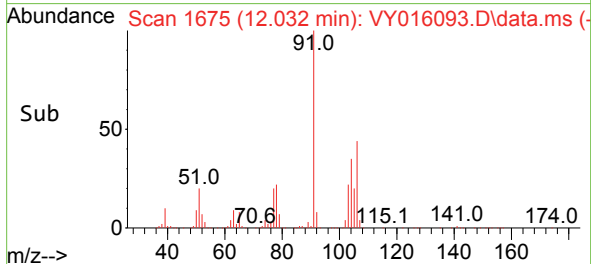
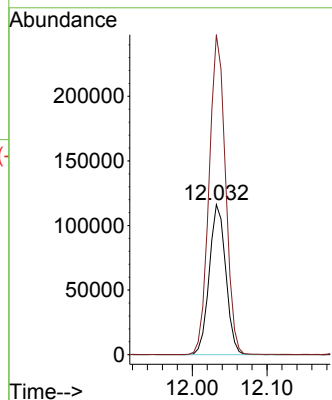
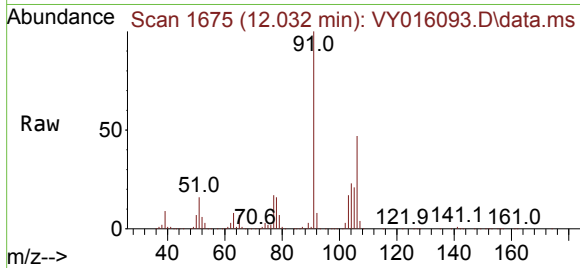




#69
o-Xylene
Concen: 50.179 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

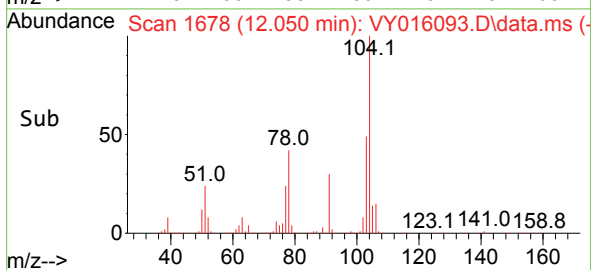
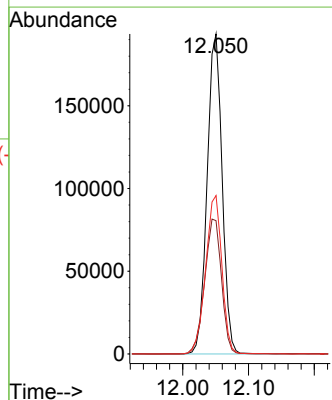
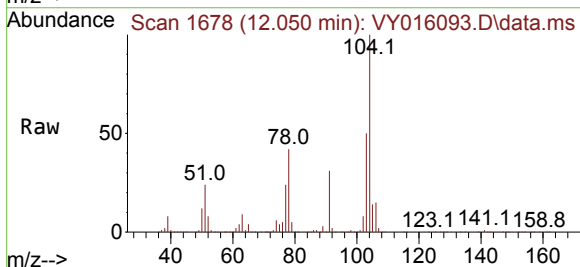
Instrument :
MSVOA_Y
ClientSampleId :

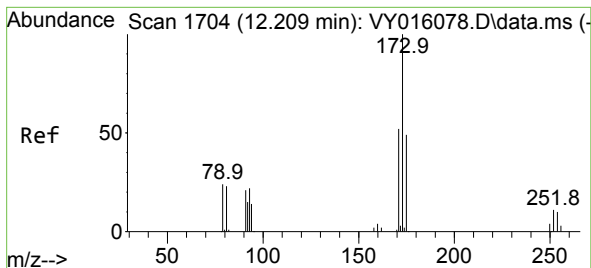
Tgt Ion:106 Resp: 178473
Ion Ratio Lower Upper
106 100
91 211.4 108.1 324.3



#70
Styrene
Concen: 51.840 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion:104 Resp: 307351
Ion Ratio Lower Upper
104 100
78 47.2 41.5 62.3
103 53.7 44.6 67.0





#71

Bromoform

Concen: 53.930 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

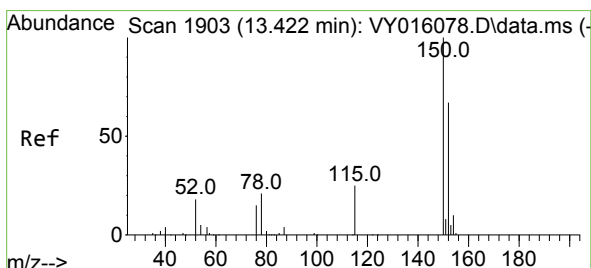
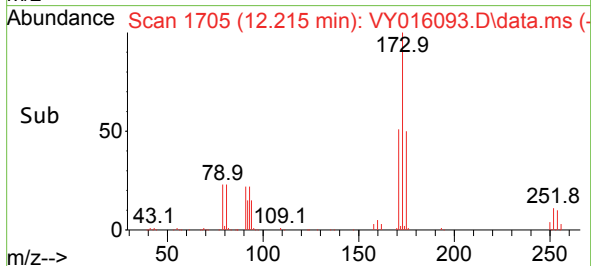
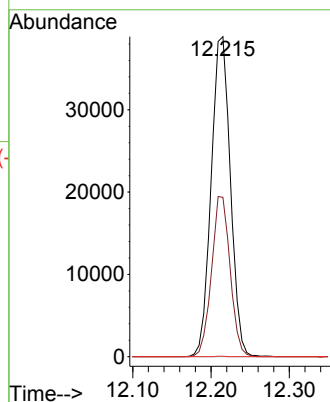
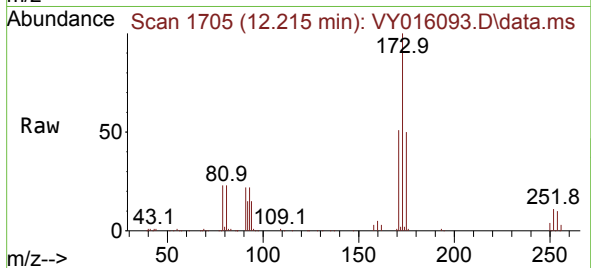
Tgt Ion:173 Resp: 66308

Ion Ratio Lower Upper

173 100

175 48.4 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: VY016093.D

Acq: 26 Oct 2023 21:26

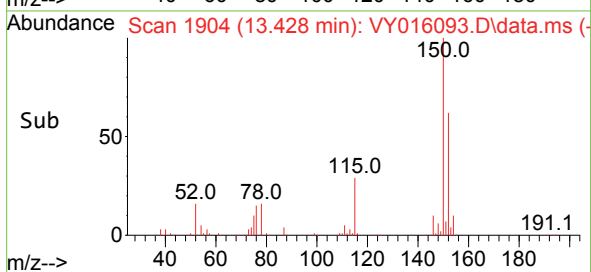
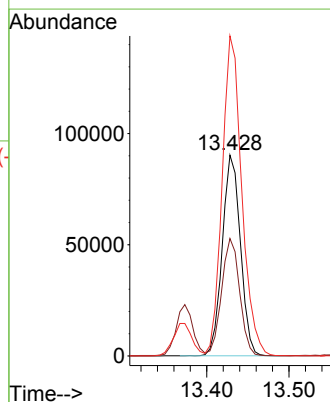
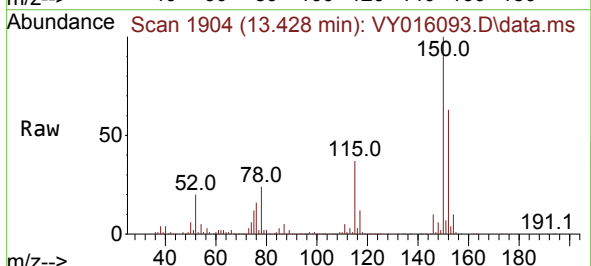
Tgt Ion:152 Resp: 138425

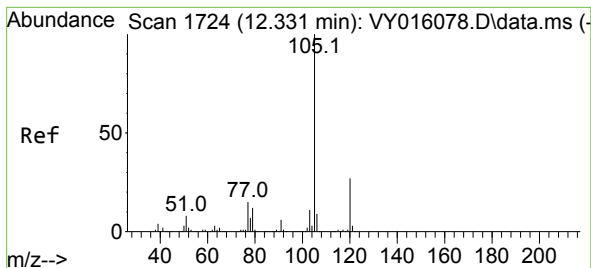
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 172.8 0.0 348.8





#73

Isopropylbenzene

Concen: 47.986 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

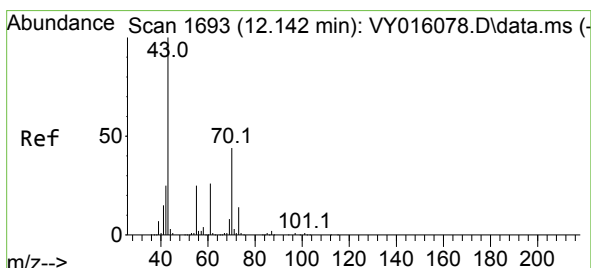
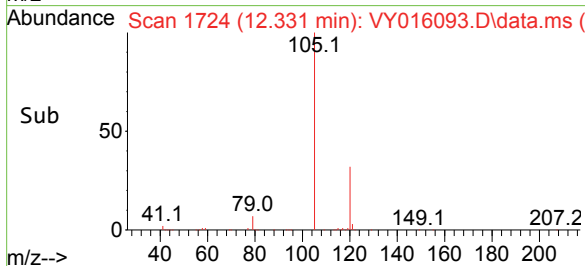
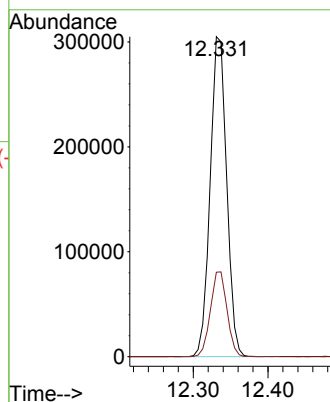
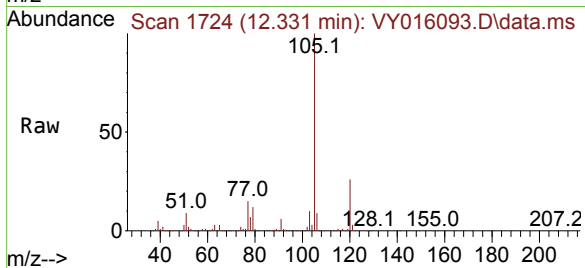
ClientSampleId :

Tgt Ion:105 Resp: 467475

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 53.750 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Tgt Ion: 43 Resp: 127679

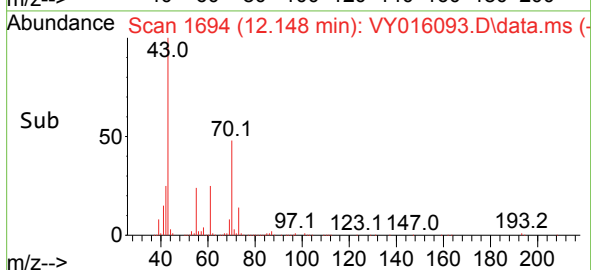
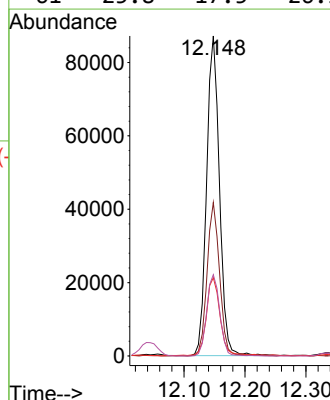
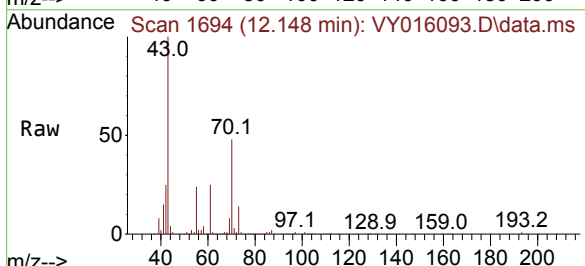
Ion Ratio Lower Upper

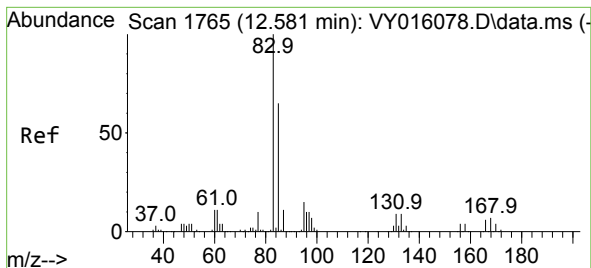
43 100

70 47.0 29.7 44.5#

55 26.8 18.3 27.5

61 25.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.715 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

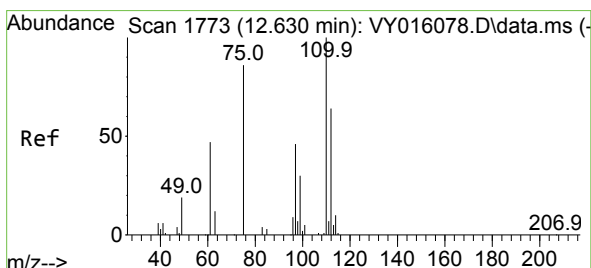
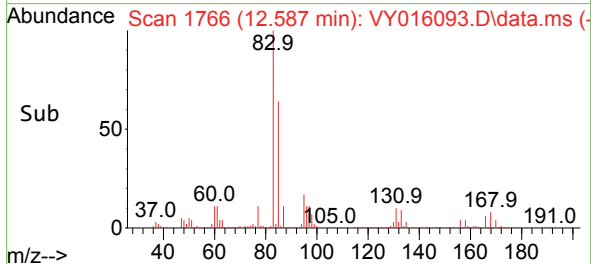
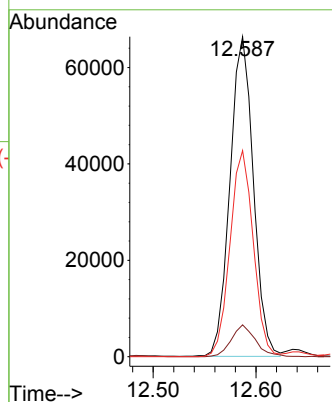
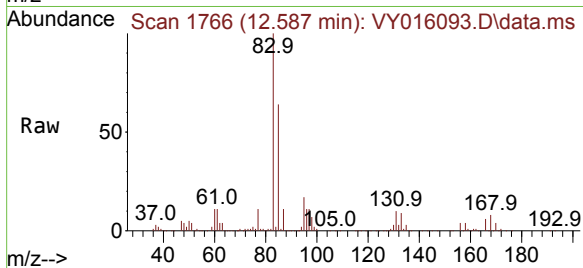
Tgt Ion: 83 Resp: 104977

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 91.359 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY016093.D

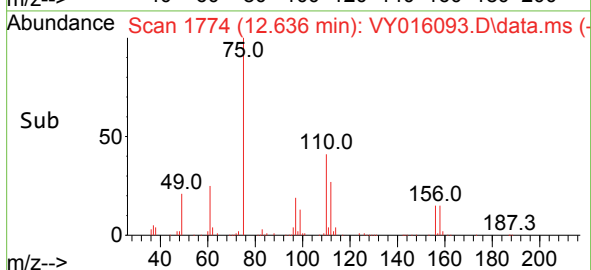
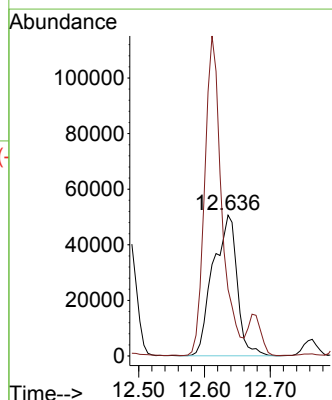
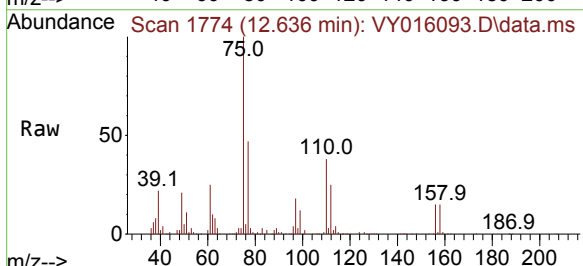
Acq: 26 Oct 2023 21:26

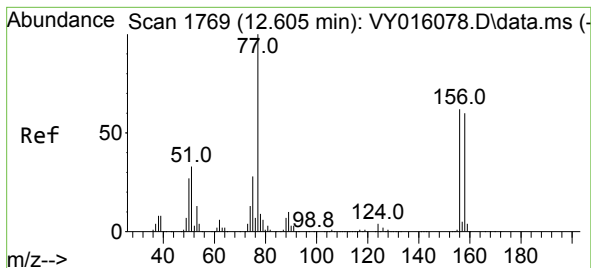
Tgt Ion: 75 Resp: 129114

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.918 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

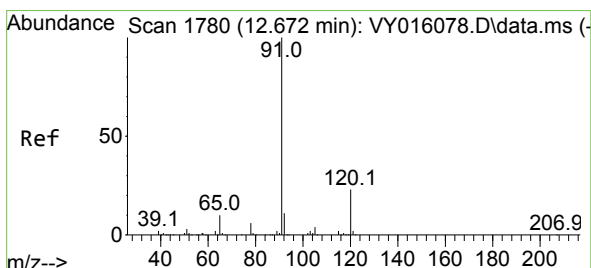
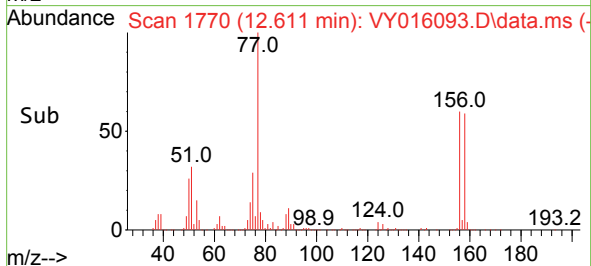
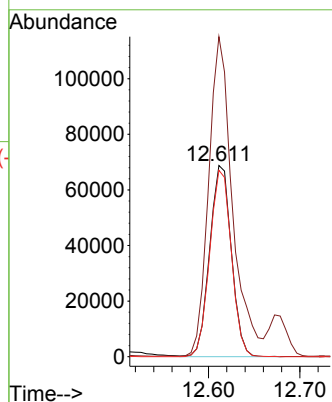
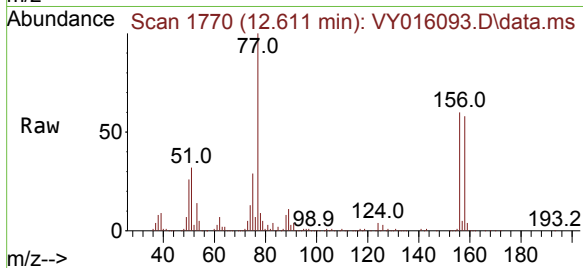
Tgt Ion:156 Resp: 113493

Ion Ratio Lower Upper

156 100

77 183.6 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 47.905 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY016093.D

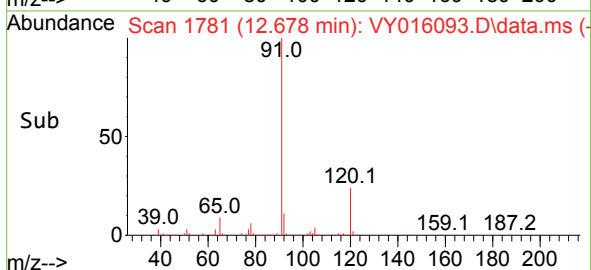
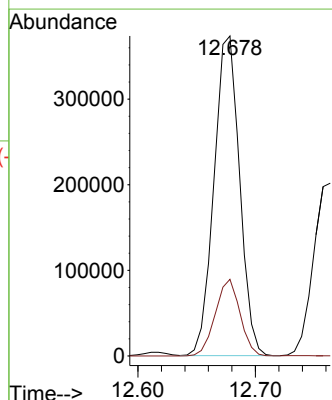
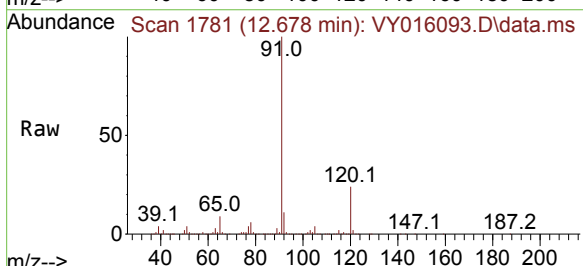
Acq: 26 Oct 2023 21:26

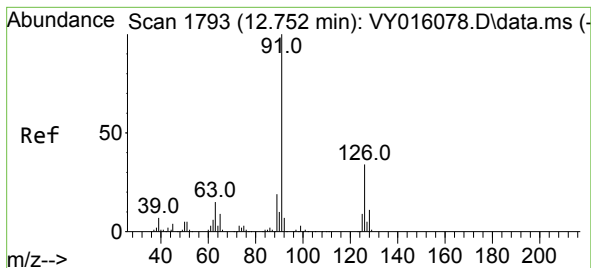
Tgt Ion: 91 Resp: 565069

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.585 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

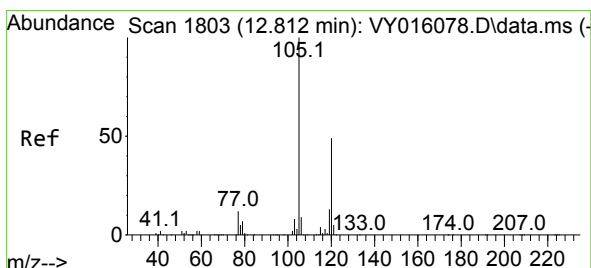
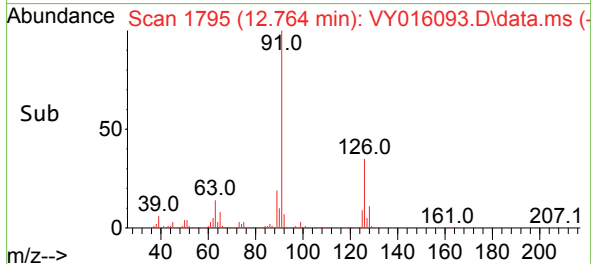
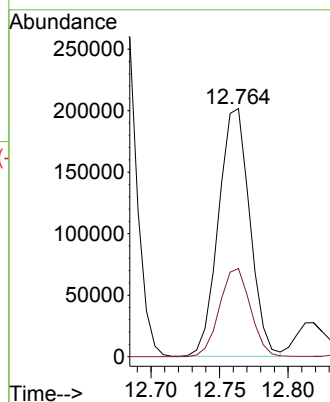
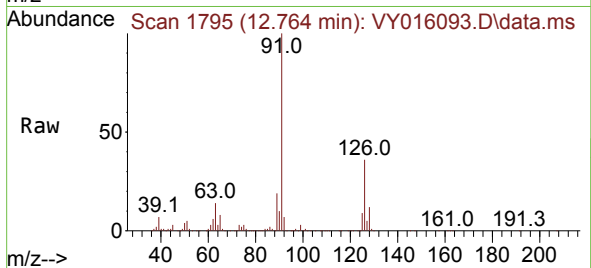
ClientSampleId :

Tgt Ion: 91 Resp: 320963

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 48.711 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY016093.D

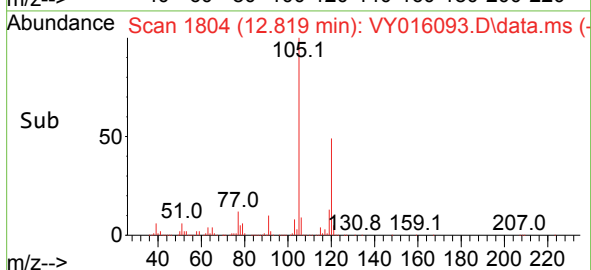
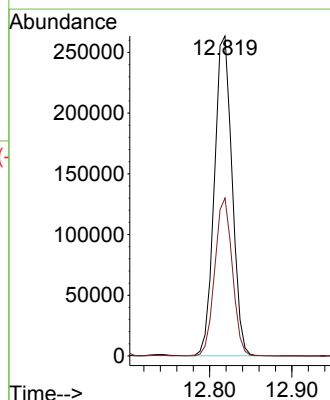
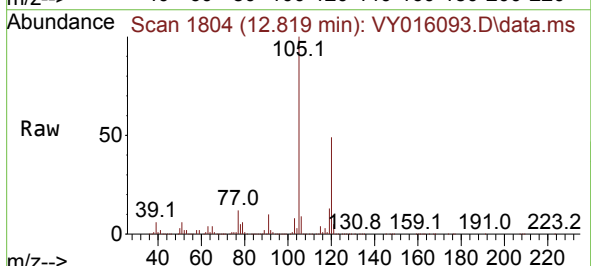
Acq: 26 Oct 2023 21:26

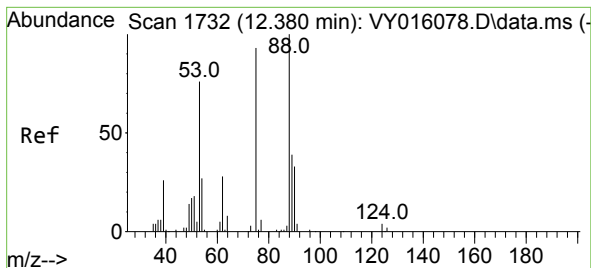
Tgt Ion:105 Resp: 393986

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7

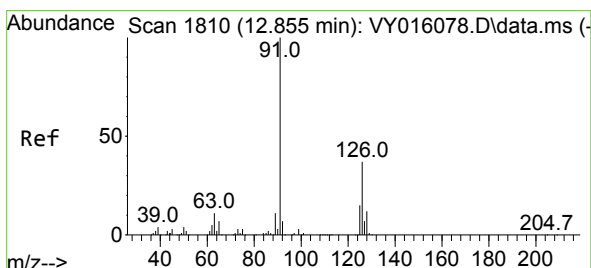
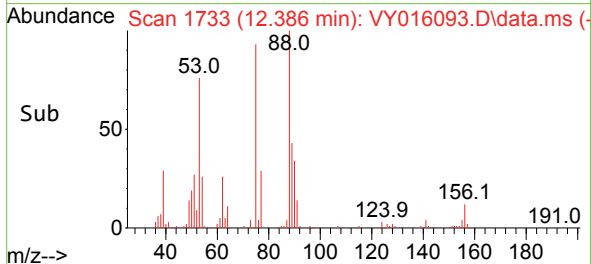
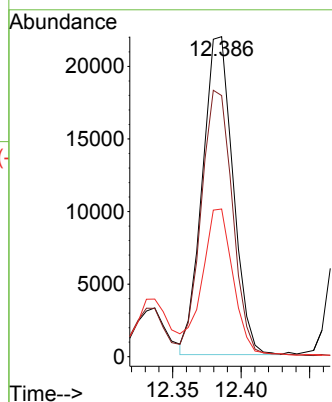
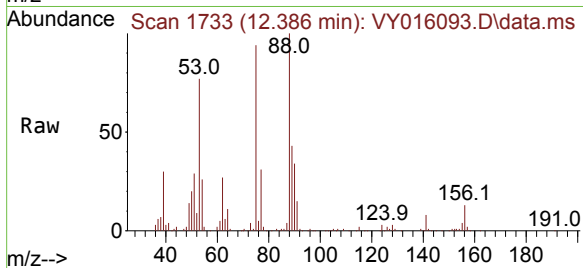




#81
trans-1,4-Dichloro-2-butene
Concen: 52.440 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

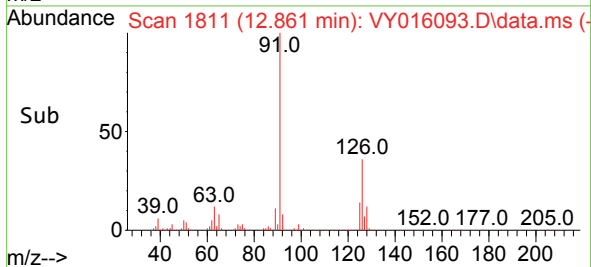
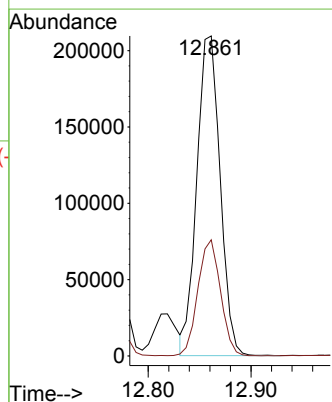
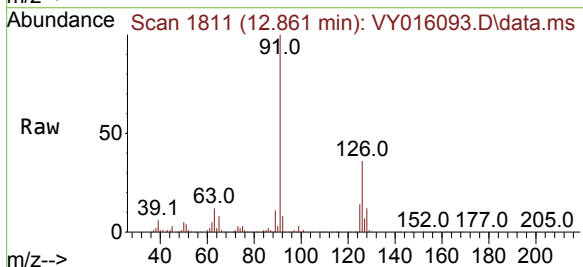
Instrument :
MSVOA_Y
ClientSampleId :

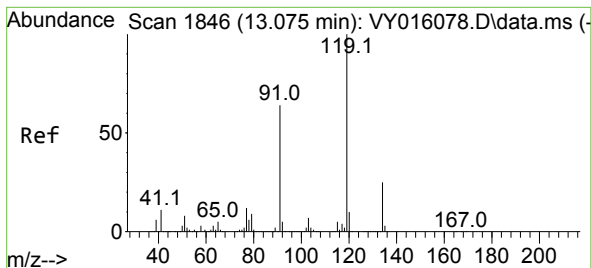
Tgt Ion: 75 Resp: 34104
Ion Ratio Lower Upper
75 100
53 85.6 77.8 116.8
89 47.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.232 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion: 91 Resp: 330435
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.844 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

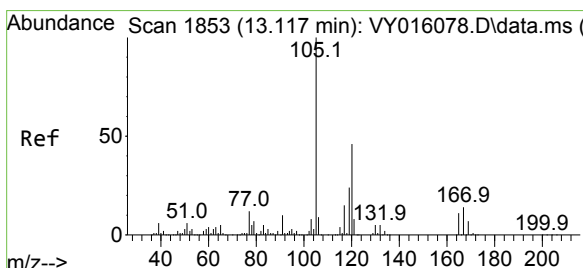
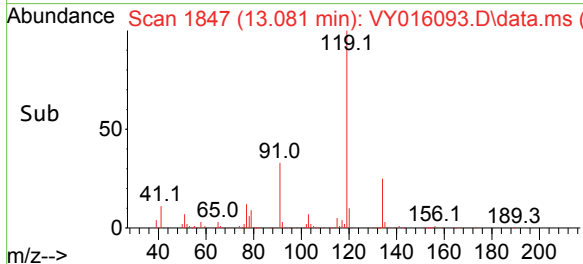
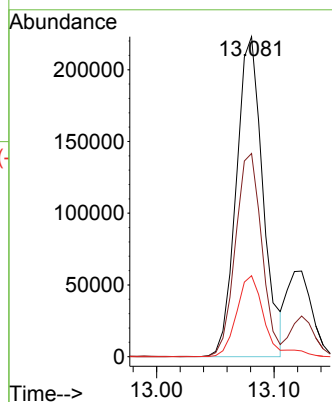
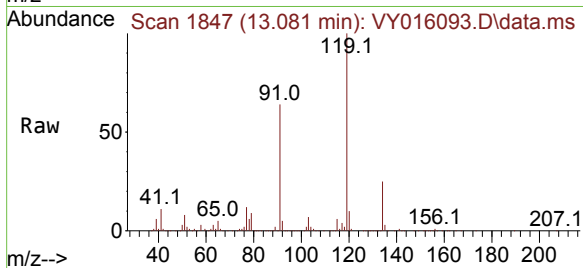
Tgt Ion:119 Resp: 351158

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.870 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016093.D

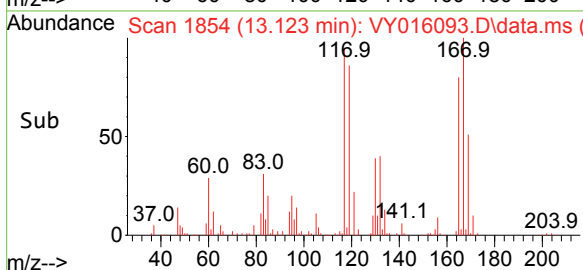
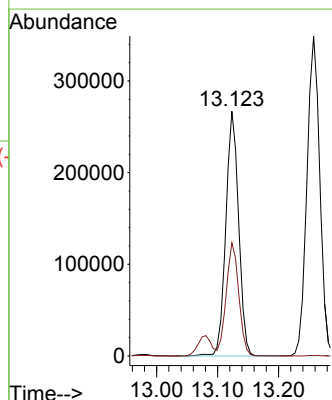
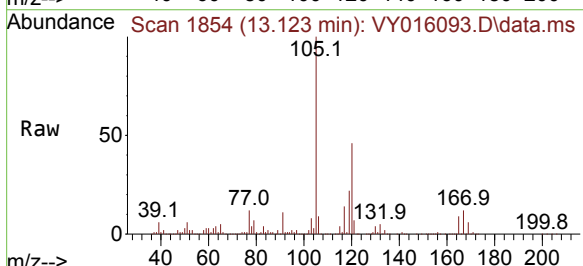
Acq: 26 Oct 2023 21:26

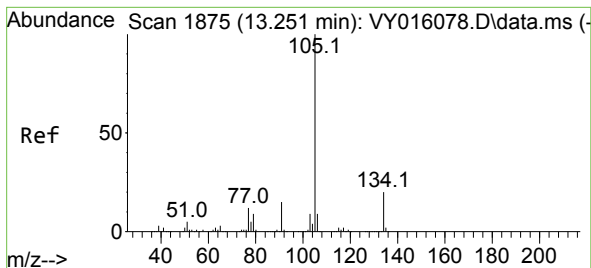
Tgt Ion:105 Resp: 390383

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.715 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

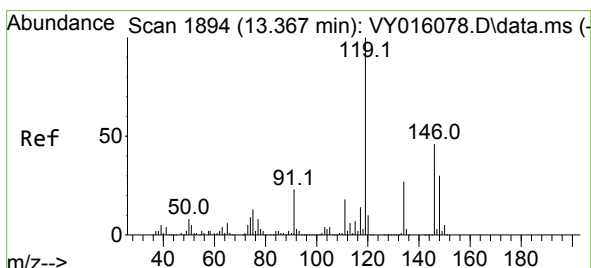
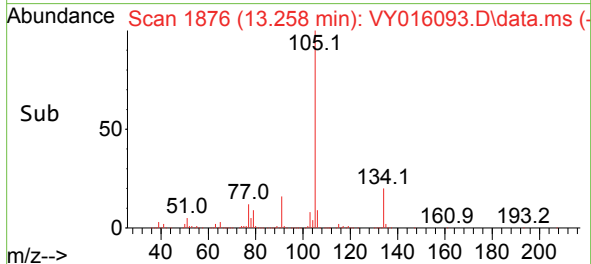
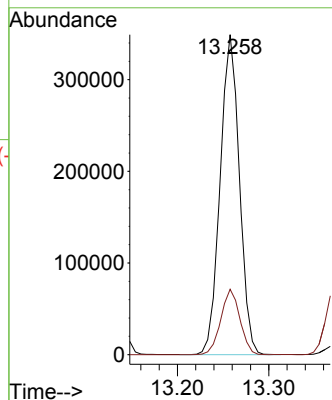
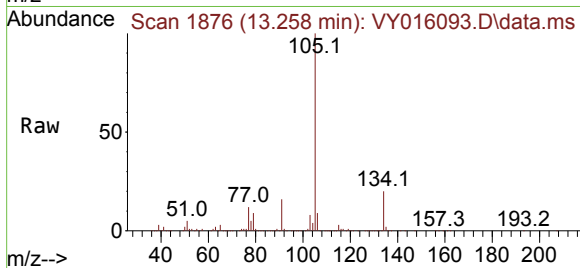
ClientSampleId :

Tgt Ion:105 Resp: 510930

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.737 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

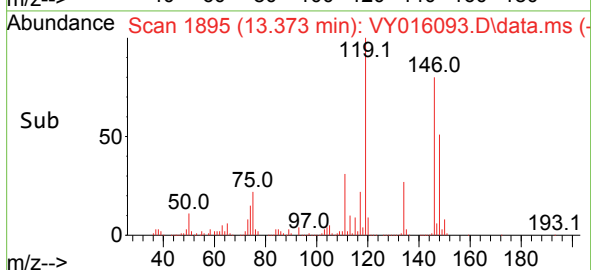
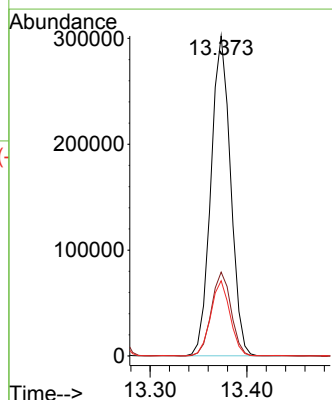
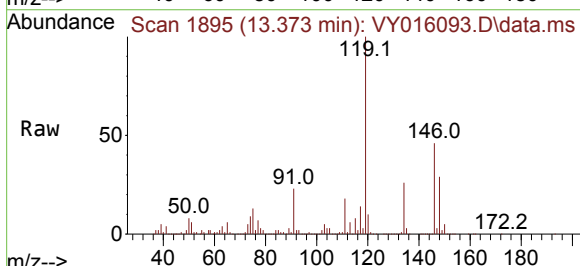
Tgt Ion:119 Resp: 426532

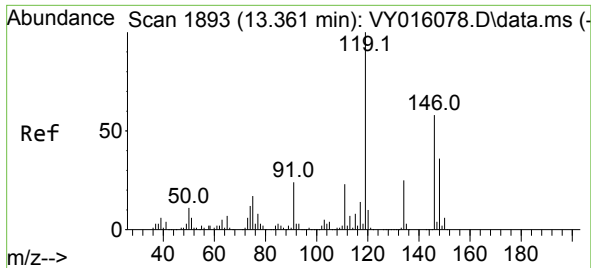
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.0 12.4 37.4

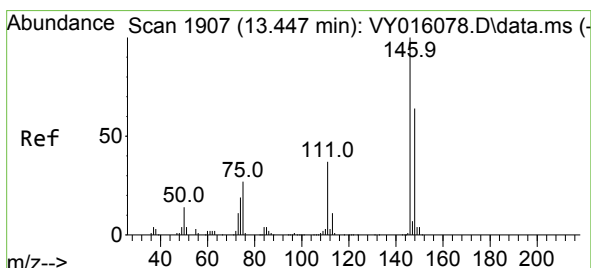
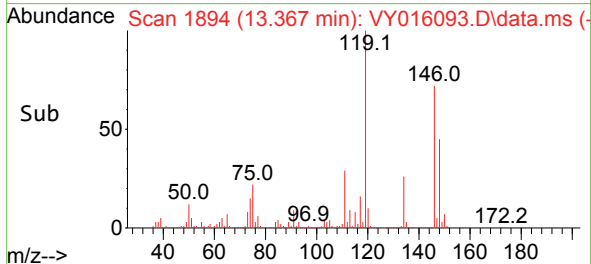
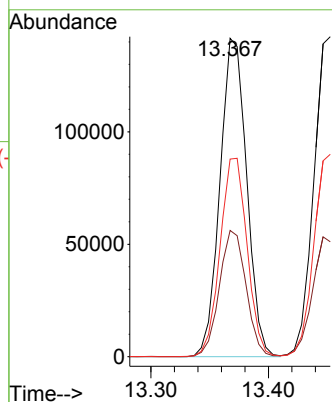
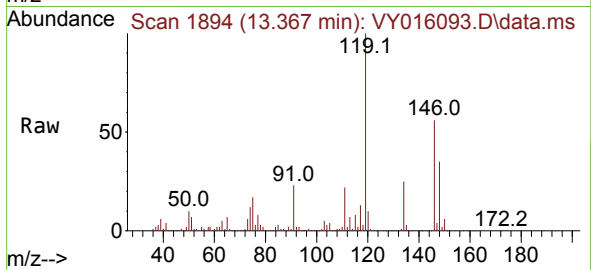




#87
1,3-Dichlorobenzene
Concen: 48.752 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

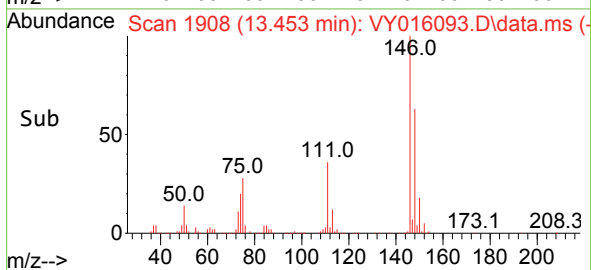
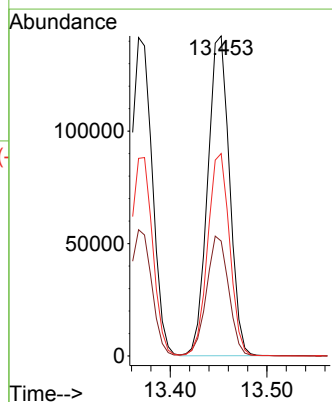
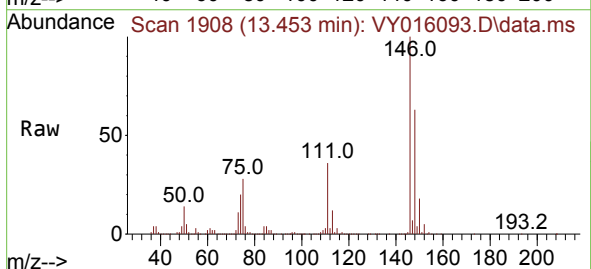
Instrument :
MSVOA_Y
ClientSampleId :

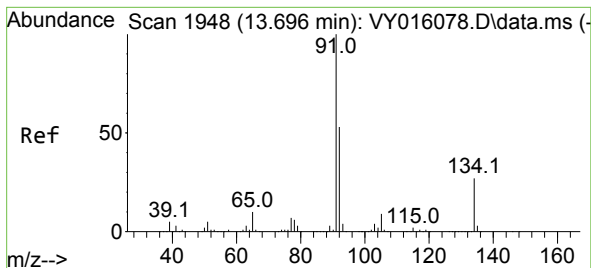
Tgt Ion:146 Resp: 223814
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 63.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.181 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY016093.D
Acq: 26 Oct 2023 21:26

Tgt Ion:146 Resp: 223148
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 48.483 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

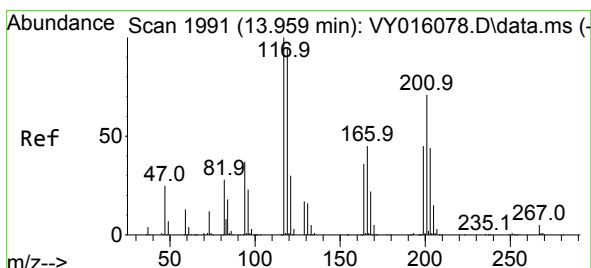
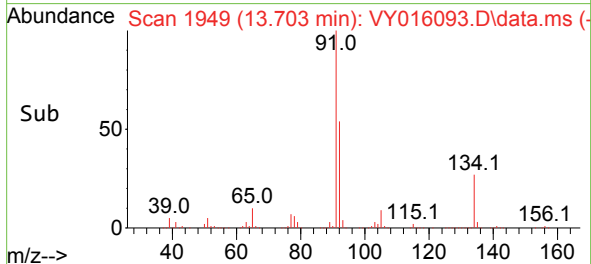
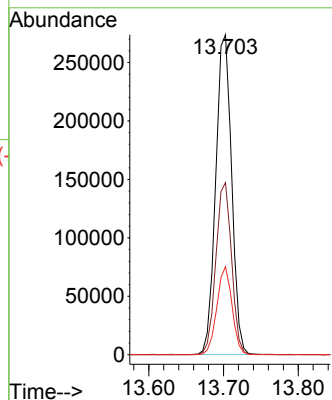
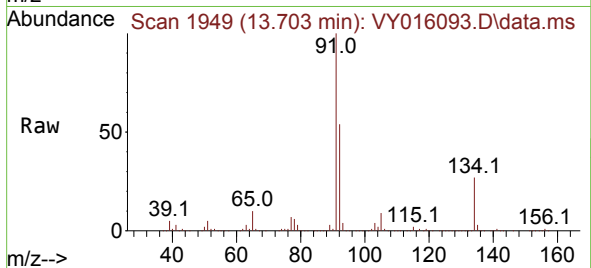
Tgt Ion: 91 Resp: 404101

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 47.806 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY016093.D

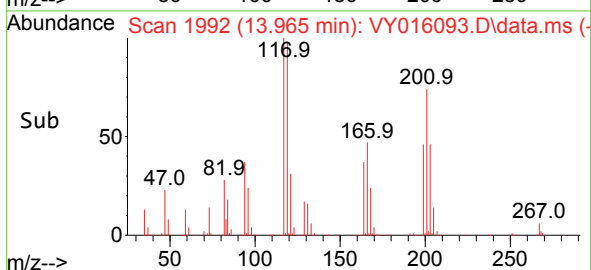
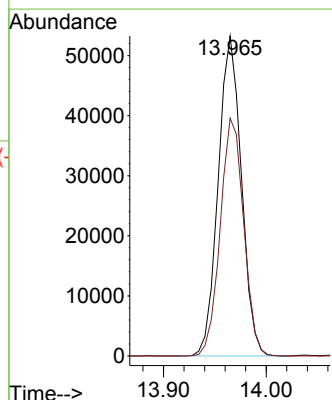
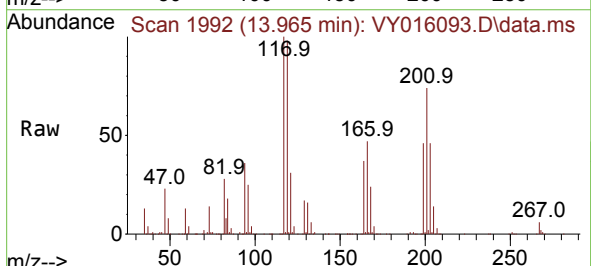
Acq: 26 Oct 2023 21:26

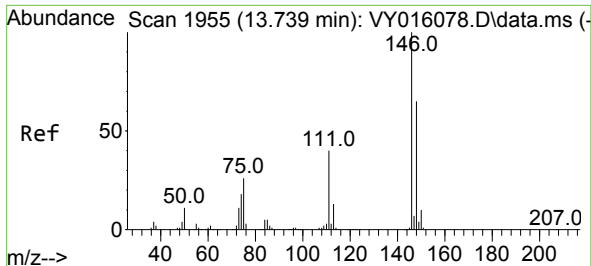
Tgt Ion: 117 Resp: 83162

Ion Ratio Lower Upper

117 100

201 75.3 41.6 124.8

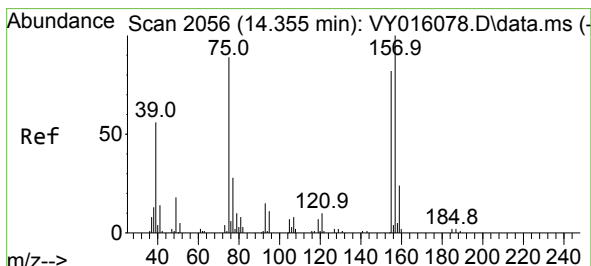
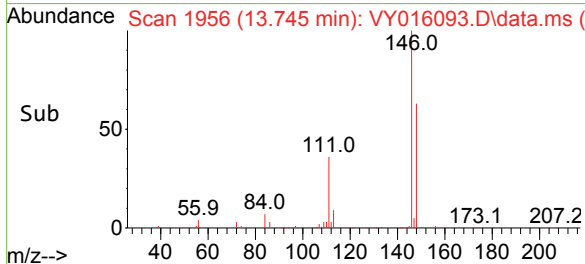
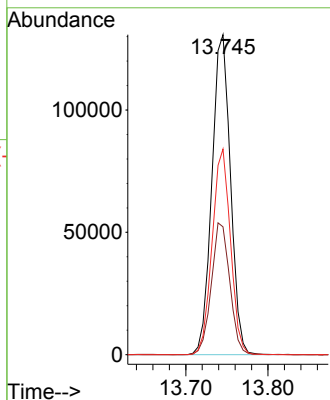
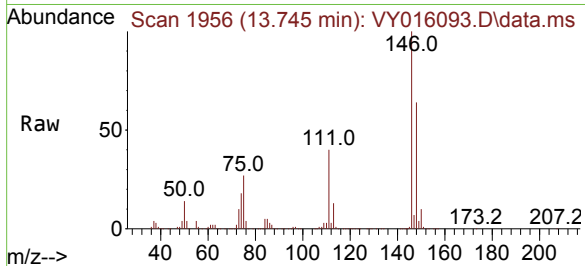




#91
 1,2-Dichlorobenzene
 Concen: 50.435 ug/l
 RT: 13.745 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY016093.D
 Acq: 26 Oct 2023 21:26

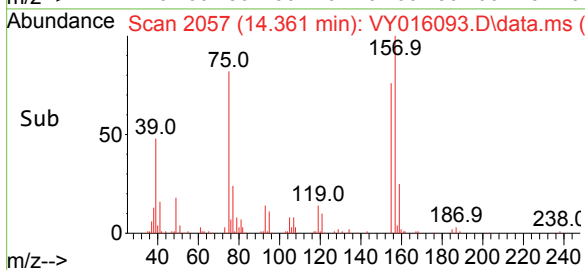
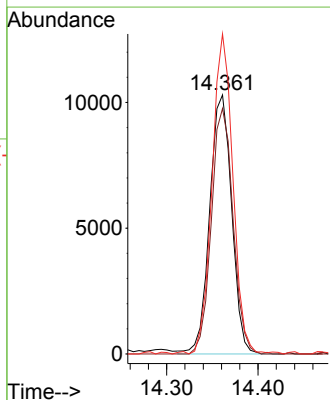
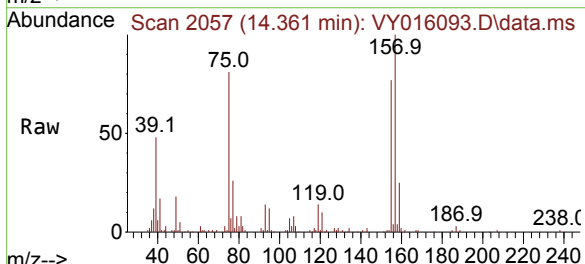
Instrument :
 MSVOA_Y
 ClientSampleId :

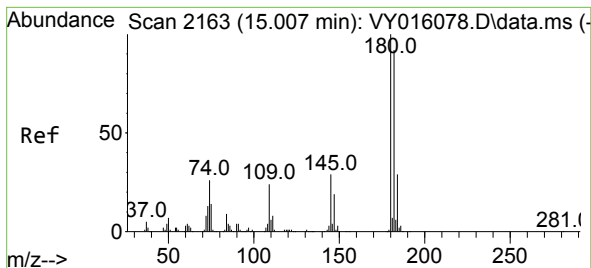
Tgt Ion:146 Resp: 205005
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.7 59.0
 148 63.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.952 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY016093.D
 Acq: 26 Oct 2023 21:26

Tgt Ion: 75 Resp: 17180
 Ion Ratio Lower Upper
 75 100
 155 93.4 41.5 124.6
 157 117.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.123 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

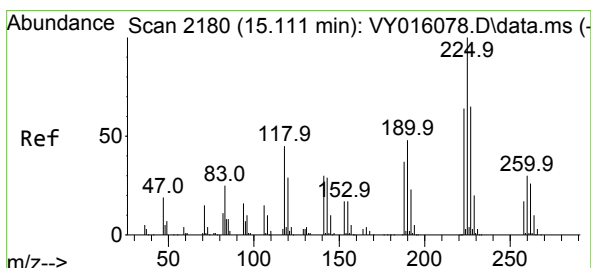
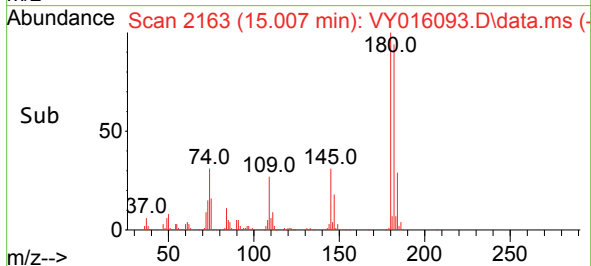
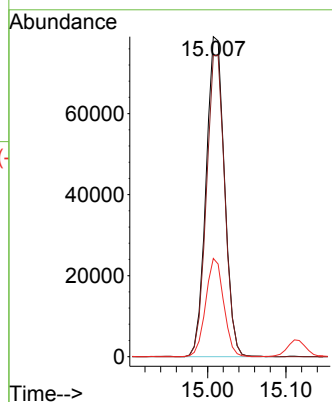
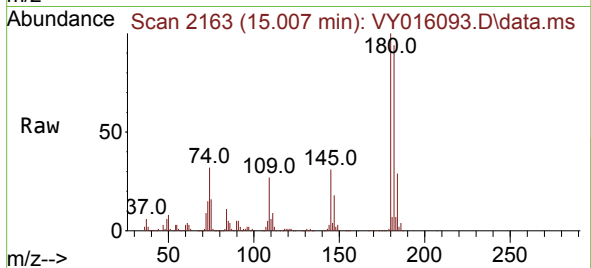
Tgt Ion:180 Resp: 128558

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.539 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

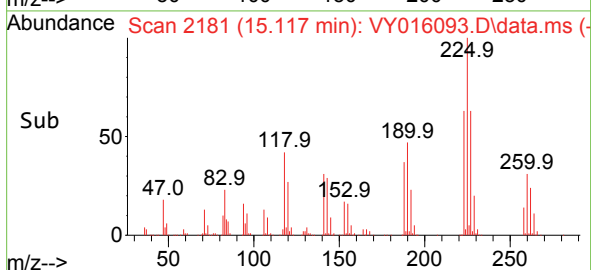
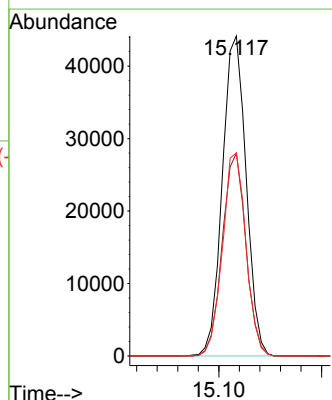
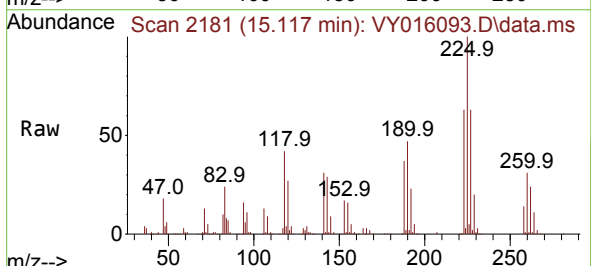
Tgt Ion:225 Resp: 70843

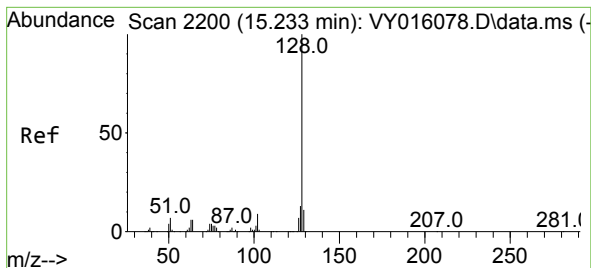
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 62.8 33.0 98.9





#95

Naphthalene

Concen: 57.322 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

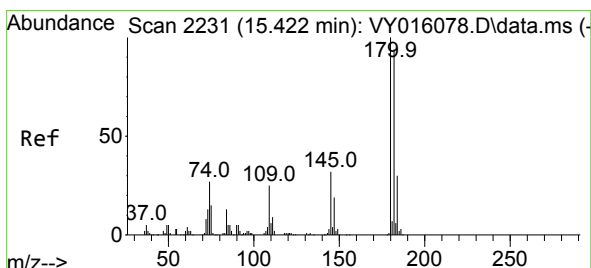
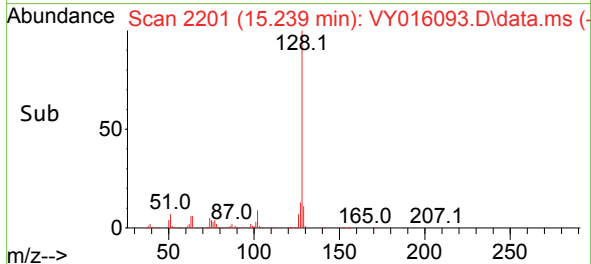
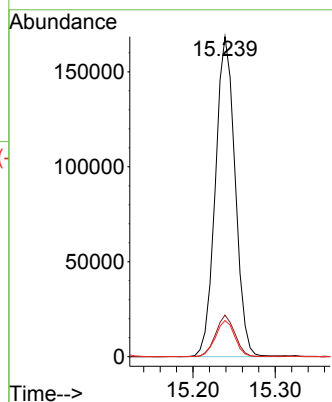
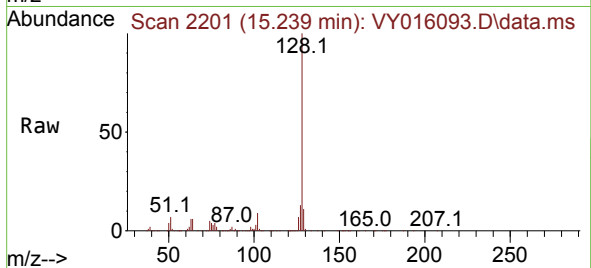
Tgt Ion:128 Resp: 281125

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.259 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016093.D

Acq: 26 Oct 2023 21:26

Tgt Ion:180 Resp: 113330

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 32.1 15.4 46.2

