

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017081.D
 Acq On : 22 Jan 2024 18:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:48:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	142254	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	236137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	201439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	92527	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	66079	46.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.000%
35) Dibromofluoromethane	7.740	113	76633	50.927	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.860%
50) Toluene-d8	10.197	98	244925	47.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.501	95	88846	50.821	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	63219	60.255	ug/l	96
3) Chloromethane	2.125	50	95852	57.359	ug/l	100
4) Vinyl Chloride	2.265	62	115412	58.551	ug/l	99
5) Bromomethane	2.668	94	82059	58.111	ug/l	99
6) Chloroethane	2.808	64	74217	55.661	ug/l	97
7) Trichlorofluoromethane	3.143	101	129917	53.493	ug/l	99
8) Diethyl Ether	3.546	74	41063	52.905	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.924	101	79651	50.439	ug/l	100
10) Methyl Iodide	4.119	142	80853	60.183	ug/l	97
11) Tert butyl alcohol	4.978	59	25972	254.528	ug/l	98
12) 1,1-Dichloroethene	3.893	96	74889	55.272	ug/l	97
13) Acrolein	3.741	56	29292	189.132	ug/l	100
14) Allyl chloride	4.503	41	111145	51.889	ug/l	98
15) Acrylonitrile	5.186	53	89268	245.885	ug/l	99
16) Acetone	3.966	43	96809	282.513	ug/l	99
17) Carbon Disulfide	4.216	76	218966	67.636	ug/l	100
18) Methyl Acetate	4.497	43	87184	57.879	ug/l	97
19) Methyl tert-butyl Ether	5.253	73	181574	51.510	ug/l	98
20) Methylene Chloride	4.747	84	86478	47.122	ug/l	96
21) trans-1,2-Dichloroethene	5.247	96	86943	56.027	ug/l	98
22) Diisopropyl ether	6.149	45	248452	50.172	ug/l	94
23) Vinyl Acetate	6.088	43	552604	243.372	ug/l	98
24) 1,1-Dichloroethane	6.045	63	148705	49.971	ug/l	99
25) 2-Butanone	7.009	43	120216	250.577	ug/l	98
26) 2,2-Dichloropropane	7.009	77	128427	49.775	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	96787	53.207	ug/l	98
28) Bromochloromethane	7.356	49	62563	56.001	ug/l	94
29) Tetrahydrofuran	7.374	42	72542	254.922	ug/l	99
30) Chloroform	7.533	83	152925	49.867	ug/l	96
31) Cyclohexane	7.807	56	131674	54.566	ug/l	97
32) 1,1,1-Trichloroethane	7.728	97	134363	51.674	ug/l	99
36) 1,1-Dichloropropene	7.941	75	119882	54.667	ug/l	99
37) Ethyl Acetate	7.094	43	48085	48.250	ug/l	98
38) Carbon Tetrachloride	7.929	117	119726	53.736	ug/l	97
39) Methylcyclohexane	9.203	83	144106	58.454	ug/l	98
40) Benzene	8.185	78	350807	53.327	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	26400	50.299	ug/l	93
42) 1,2-Dichloroethane	8.258	62	89735	51.382	ug/l	99
43) Isopropyl Acetate	8.295	43	93589	49.040	ug/l	99
44) Trichloroethene	8.959	130	91698	54.780	ug/l	95
45) 1,2-Dichloropropane	9.234	63	84793	50.032	ug/l	97
46) Dibromomethane	9.325	93	45113	52.194	ug/l	98
47) Bromodichloromethane	9.514	83	115706	49.852	ug/l	95
48) Methyl methacrylate	9.313	41	54625	53.038	ug/l	98
49) 1,4-Dioxane	9.319	88	9492	1060.618	ug/l	92
51) 4-Methyl-2-Pentanone	10.087	43	257022	253.241	ug/l	99
52) Toluene	10.264	92	217621	54.815	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	108455	52.167	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	131751	52.770	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	63381	50.194	ug/l	99
56) Ethyl methacrylate	10.526	69	58675	54.860	ug/l	100
57) 1,3-Dichloropropane	10.807	76	108576	51.501	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	150697	225.733	ug/l	100
59) 2-Hexanone	10.849	43	182277	243.906	ug/l	97
60) Dibromochloromethane	11.002	129	74439	51.119	ug/l	99
61) 1,2-Dibromoethane	11.105	107	58338	53.175	ug/l	99
64) Tetrachloroethene	10.740	164	73412	56.213	ug/l	97
65) Chlorobenzene	11.532	112	224113	53.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.611	131	82945	51.997	ug/l	99
67) Ethyl Benzene	11.611	91	414891	54.917	ug/l	99
68) m/p-Xylenes	11.721	106	312623	112.734	ug/l	99
69) o-Xylene	12.044	106	143623	55.246	ug/l	100
70) Styrene	12.063	104	215079	56.844	ug/l	100
71) Bromoform	12.227	173	41488	52.831	ug/l #	97
73) Isopropylbenzene	12.349	105	393286	52.051	ug/l	99
74) N-amyl acetate	12.160	43	75630	49.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	70216	45.609	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	85837	85.488	ug/l #	100
77) Bromobenzene	12.623	156	84820	50.987	ug/l	97
78) n-propylbenzene	12.690	91	477699	52.005	ug/l	99
79) 2-Chlorotoluene	12.776	91	258100	50.671	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	316077	52.893	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	21303	48.177	ug/l	96
82) 4-Chlorotoluene	12.873	91	266447	51.202	ug/l	98
83) tert-Butylbenzene	13.093	119	274517	52.157	ug/l	100
84) 1,2,4-Trimethylbenzene	13.135	105	314968	53.521	ug/l	98
85) sec-Butylbenzene	13.270	105	402181	51.569	ug/l	99
86) p-Isopropyltoluene	13.385	119	342708	53.245	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	166073	50.902	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	162806	51.019	ug/l	99
89) n-Butylbenzene	13.715	91	326949	52.832	ug/l	99
90) Hexachloroethane	13.977	117	67213	48.597	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	142239	50.448	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9319	48.271	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	78682	56.197	ug/l	98
94) Hexachlorobutadiene	15.129	225	46198	52.671	ug/l	100
95) Naphthalene	15.251	128	145336	56.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	64781	54.491	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

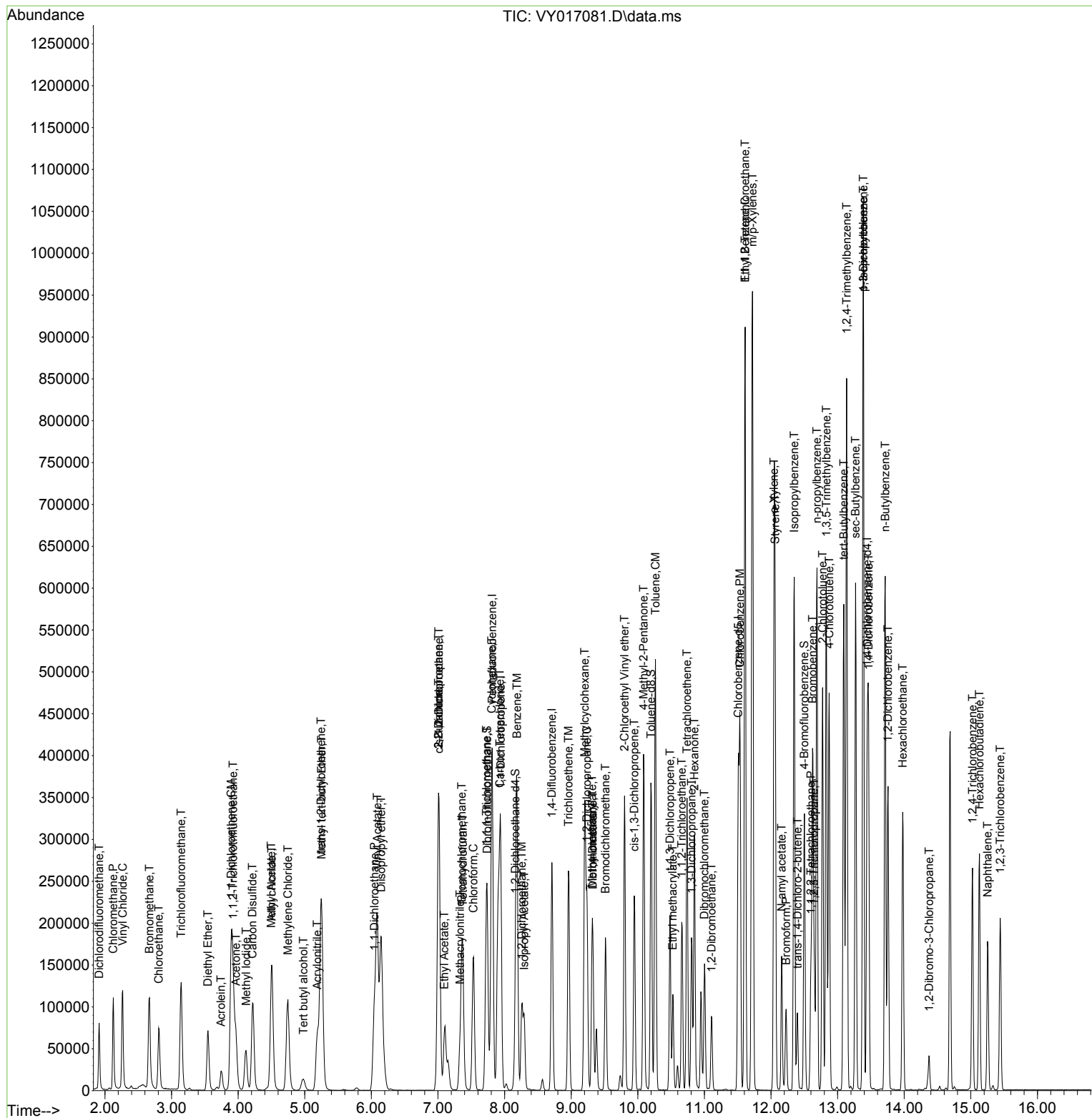
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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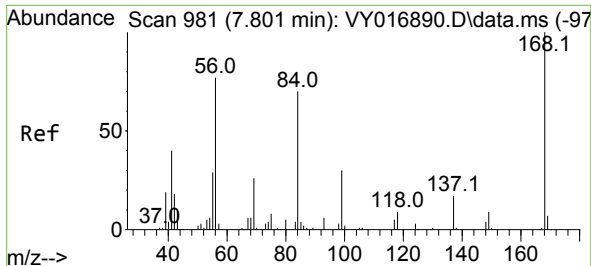
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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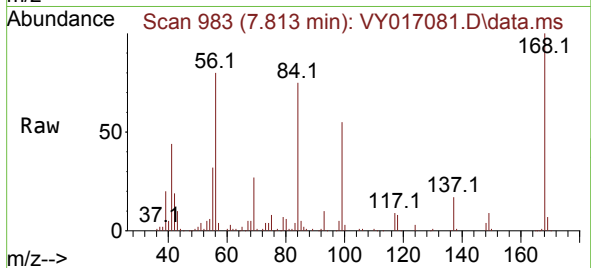
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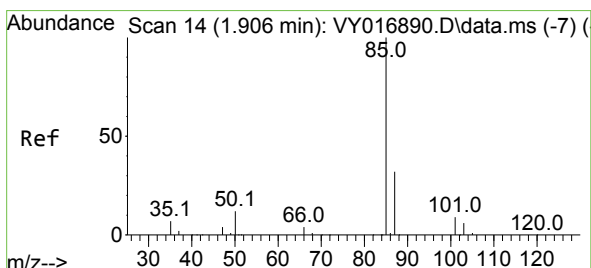
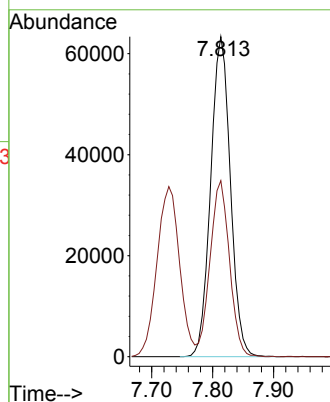
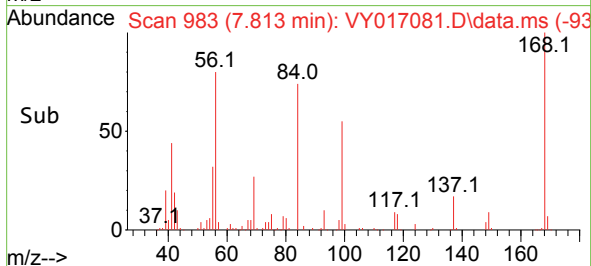


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
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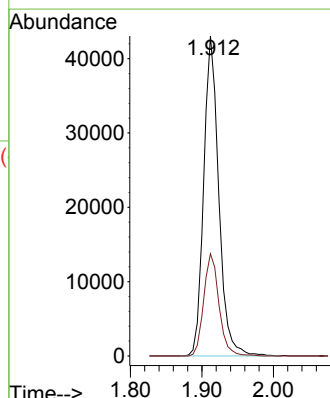
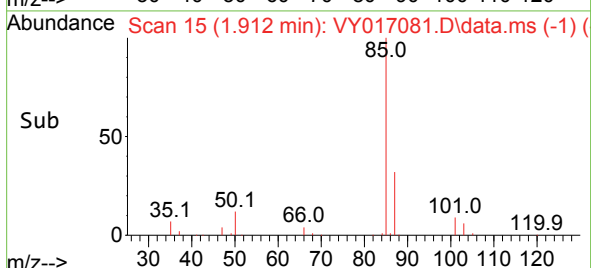
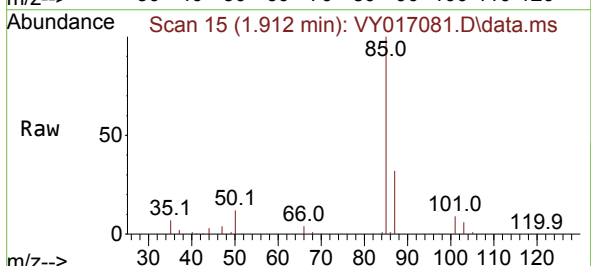


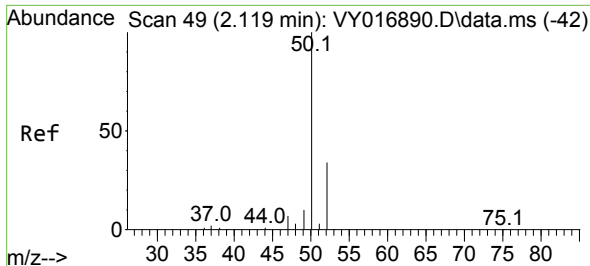
Tgt Ion:168 Resp: 142254
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 60.255 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 85 Resp: 63219
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.3

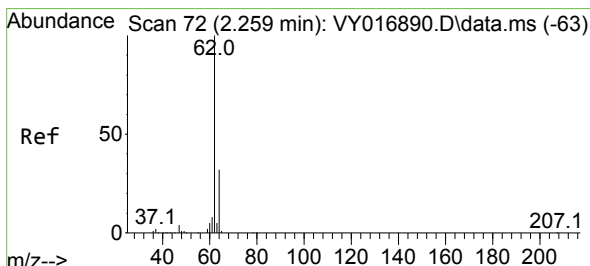
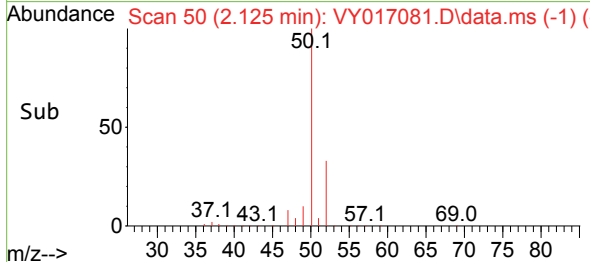
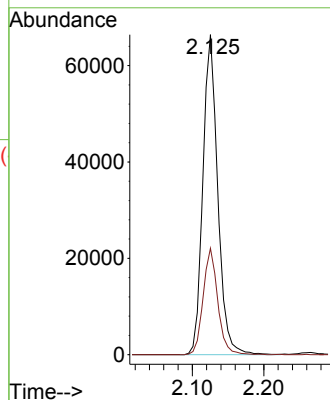
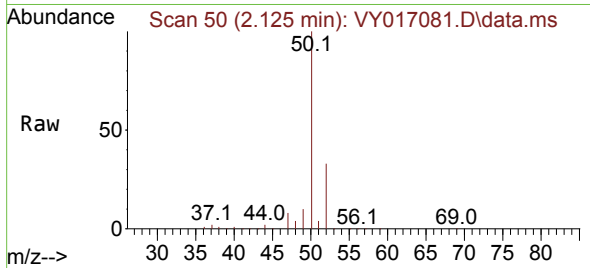




#3
Chloromethane
Concen: 57.359 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

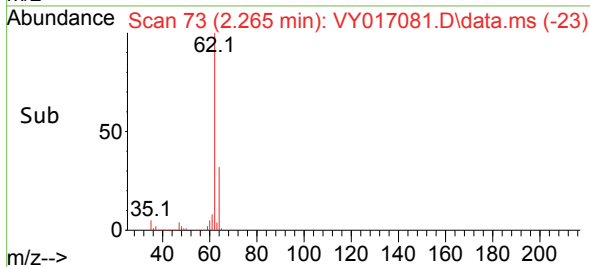
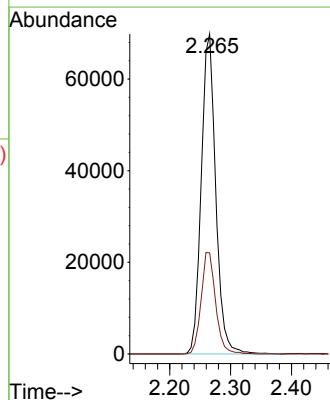
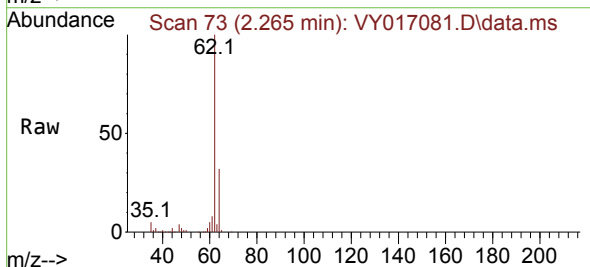
Instrument :
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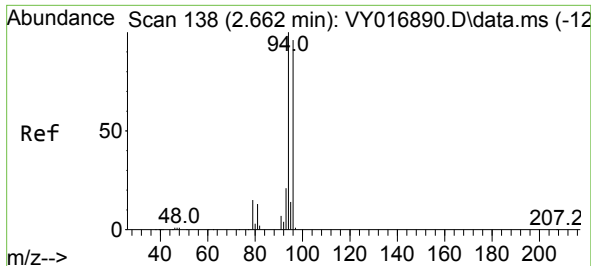
Tgt Ion: 50 Resp: 95852
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1



#4
Vinyl Chloride
Concen: 58.551 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 62 Resp: 115412
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5

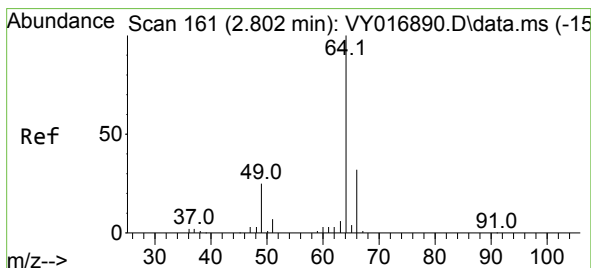
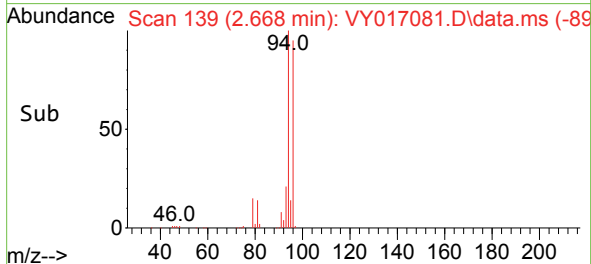
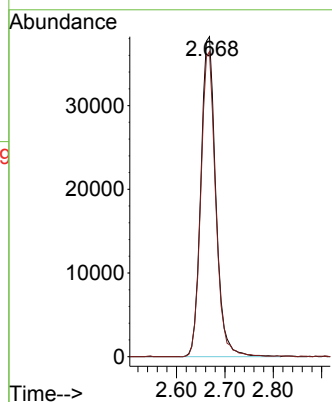
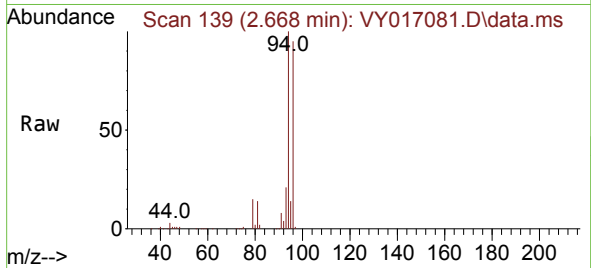




#5
Bromomethane
Concen: 58.111 ug/l
RT: 2.668 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

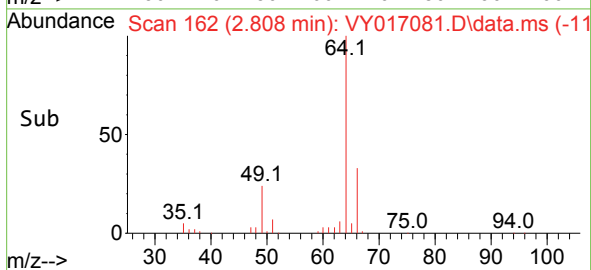
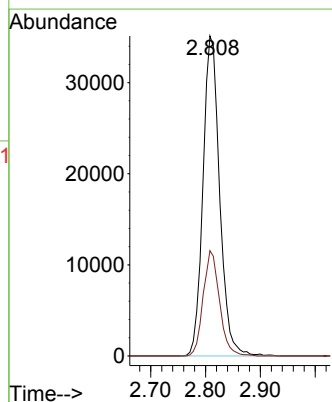
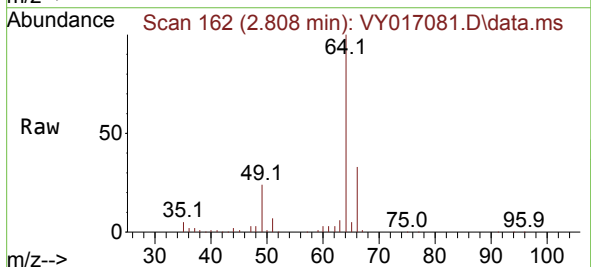
Instrument :
MSVOA_Y
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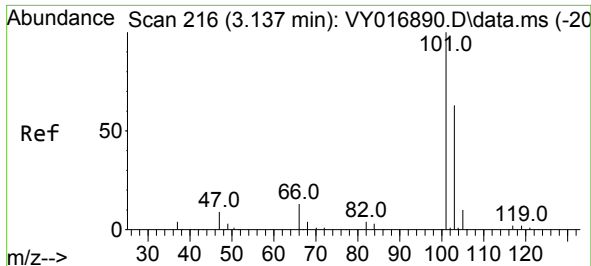
Tgt Ion: 94 Resp: 82059
Ion Ratio Lower Upper
94 100
96 95.3 77.3 115.9



#6
Chloroethane
Concen: 55.661 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

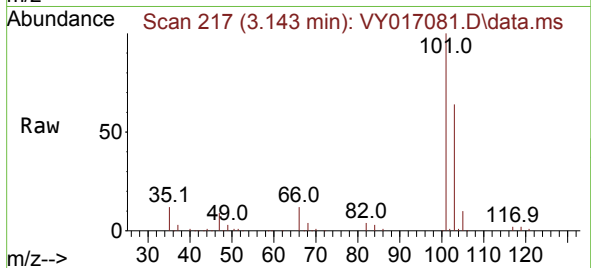
Tgt Ion: 64 Resp: 74217
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7



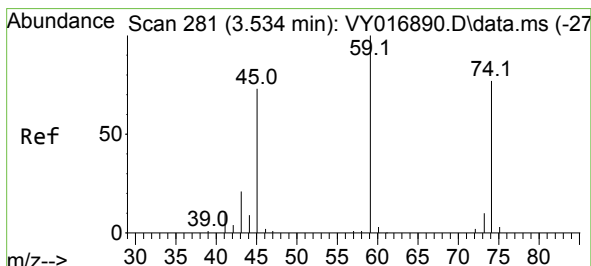
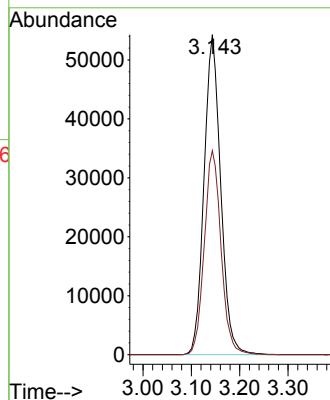
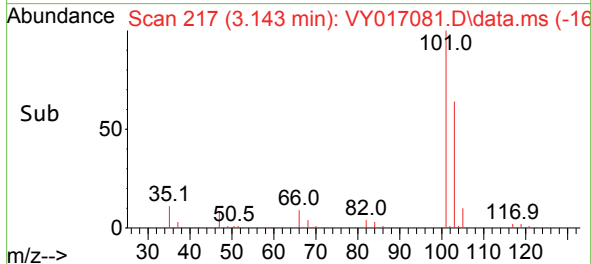


#7
 Trichlorofluoromethane
 Concen: 53.493 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY017081.D
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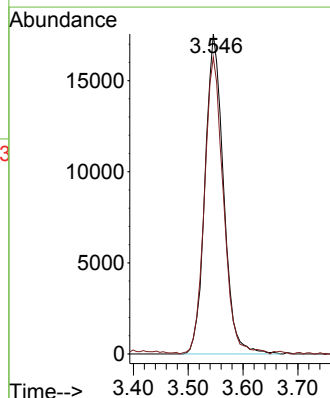
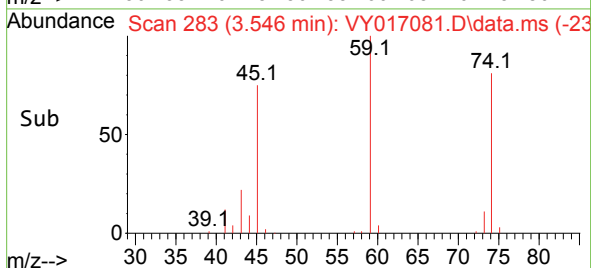
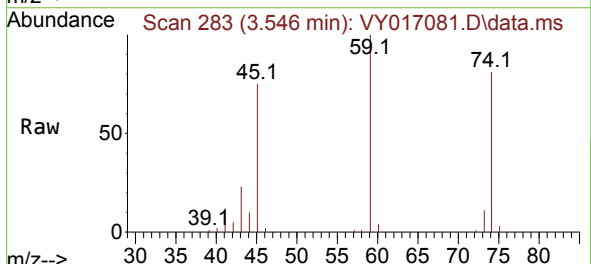


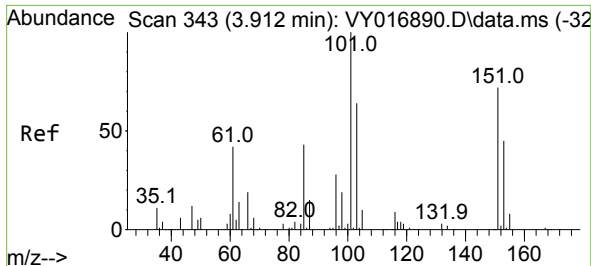
Tgt Ion:101 Resp: 129917
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.9 77.9



#8
 Diethyl Ether
 Concen: 52.905 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 41063
 Ion Ratio Lower Upper
 74 100
 45 95.0 47.9 143.7

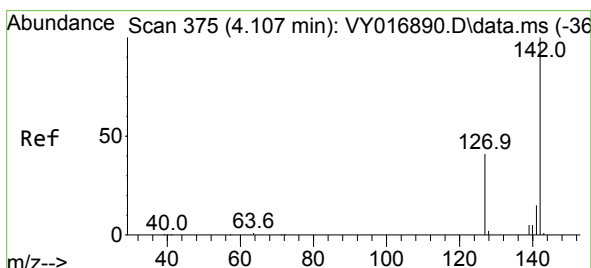
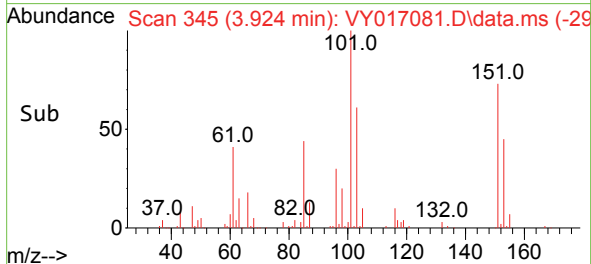
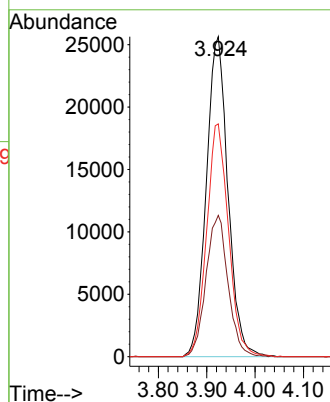
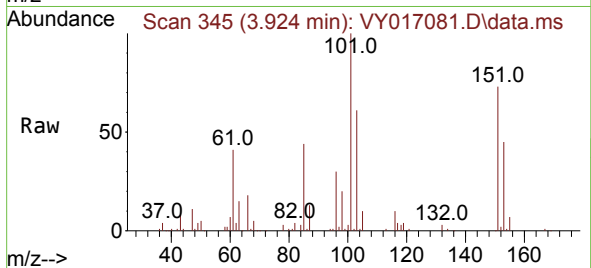




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.439 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.013 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

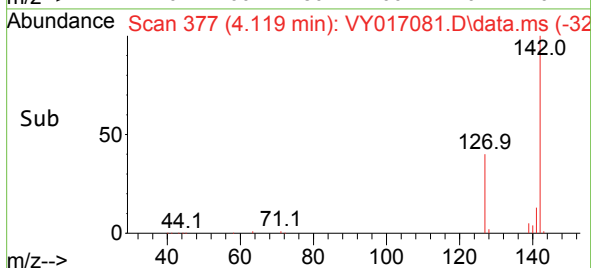
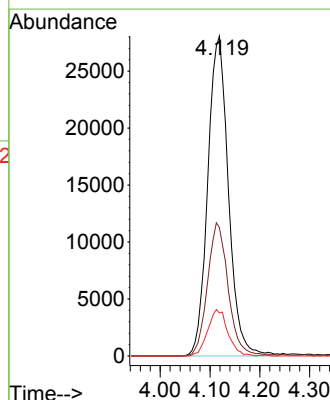
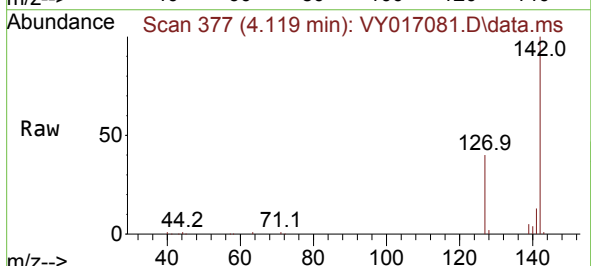
Instrument :
MSVOA_Y
ClientSampleId :

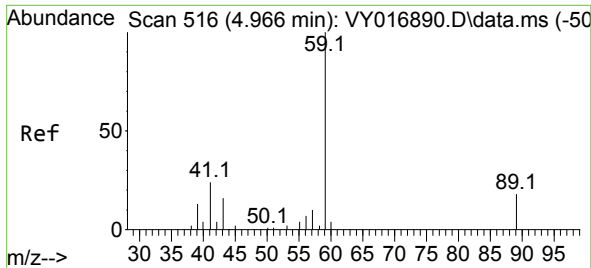
Tgt Ion:101 Resp: 79651
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 73.4 58.6 88.0



#10
Methyl Iodide
Concen: 60.183 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion:142 Resp: 80853
Ion Ratio Lower Upper
142 100
127 41.8 35.1 52.7
141 14.1 11.8 17.6

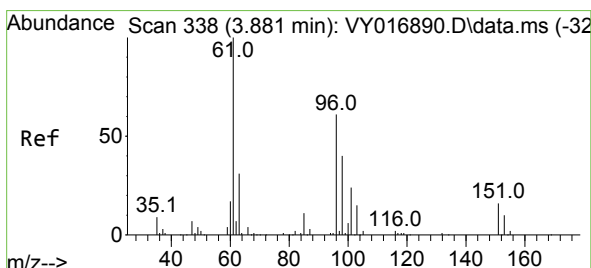
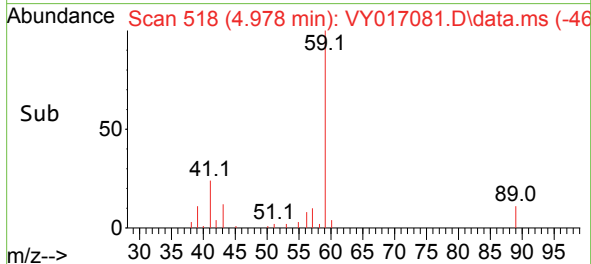
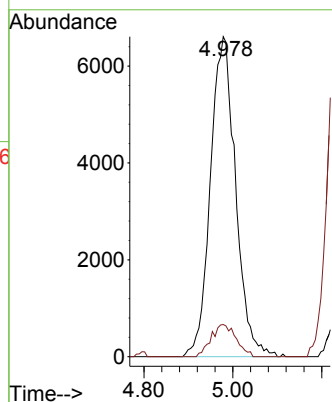
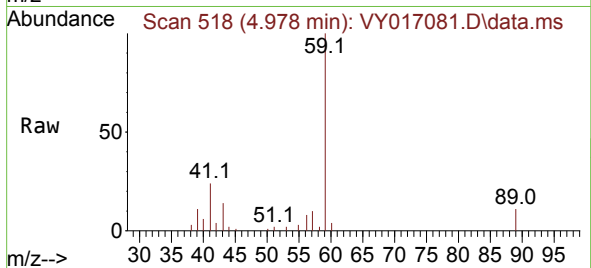




#11
Tert butyl alcohol
Concen: 254.528 ug/l
RT: 4.978 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

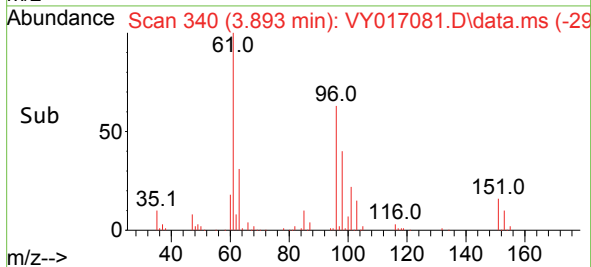
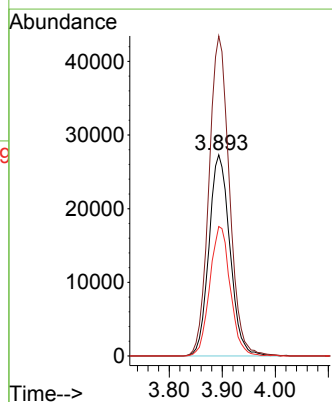
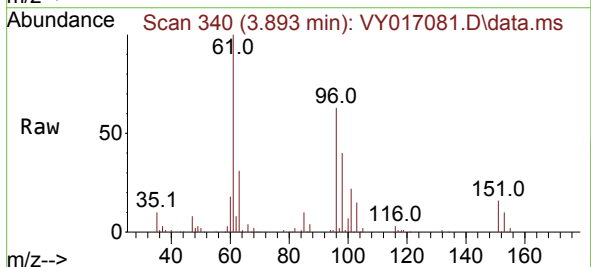
Instrument :
MSVOA_Y
ClientSampleId :

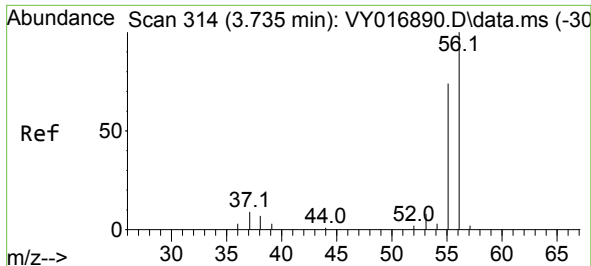
Tgt Ion: 59 Resp: 25972
Ion Ratio Lower Upper
59 100
57 10.0 7.4 11.0



#12
1,1-Dichloroethene
Concen: 55.272 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

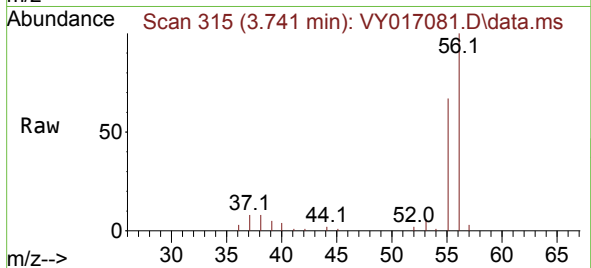
Tgt Ion: 96 Resp: 74889
Ion Ratio Lower Upper
96 100
61 159.1 124.2 186.2
98 64.3 52.6 79.0



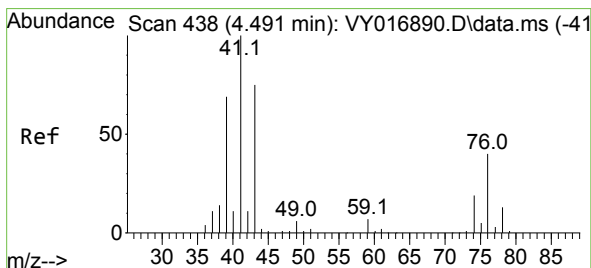
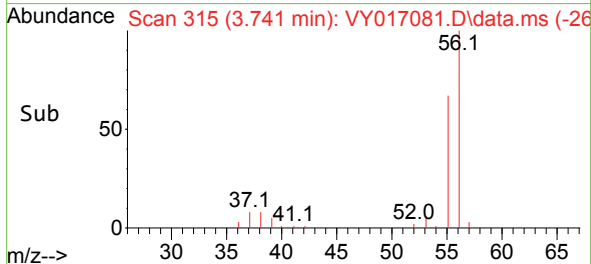
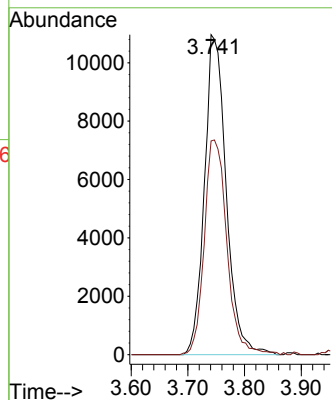


#13
Acrolein
Concen: 189.132 ug/l
RT: 3.741 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :

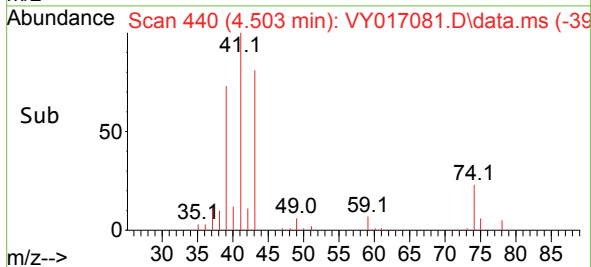
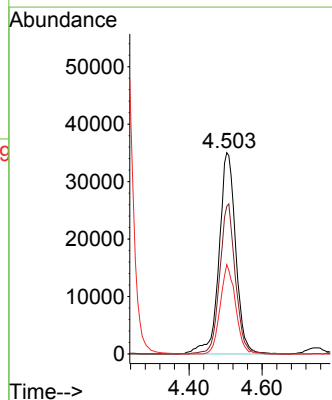
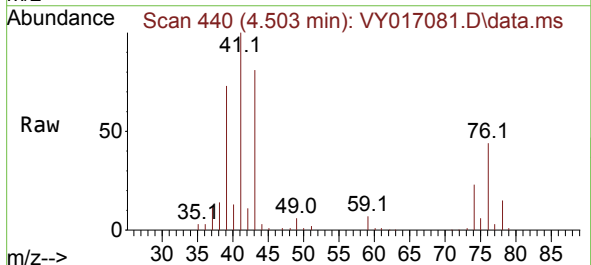


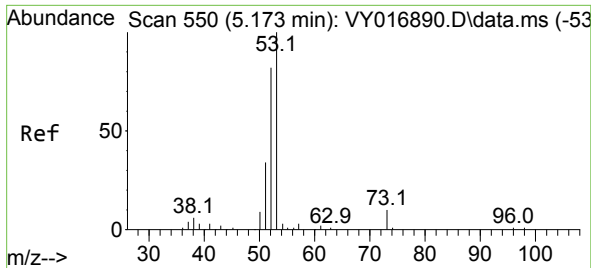
Tgt Ion: 56 Resp: 29292
Ion Ratio Lower Upper
56 100
55 69.6 55.4 83.0



#14
Allyl chloride
Concen: 51.889 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

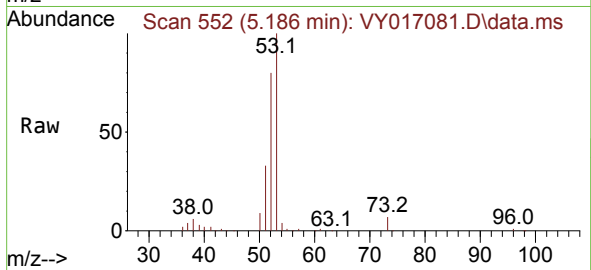
Tgt Ion: 41 Resp: 111145
Ion Ratio Lower Upper
41 100
39 70.0 54.7 82.1
76 40.8 31.8 47.6



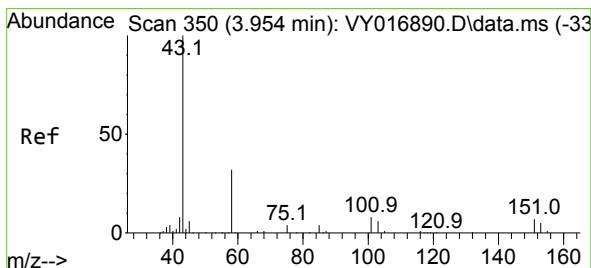
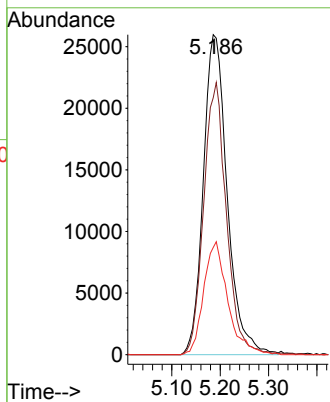
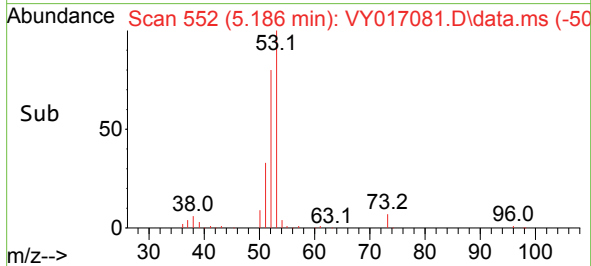


#15
Acrylonitrile
Concen: 245.885 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :

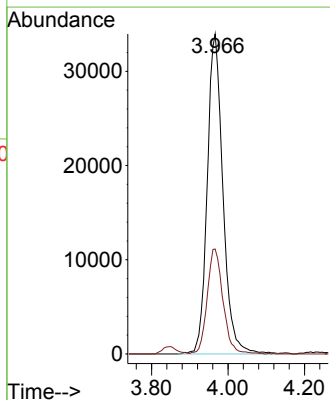
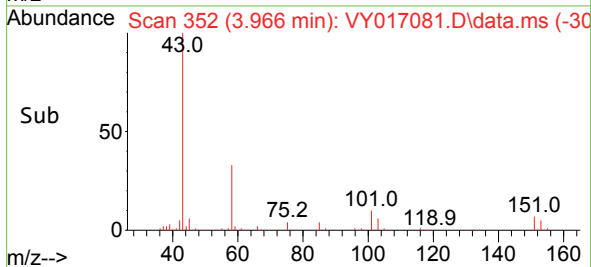
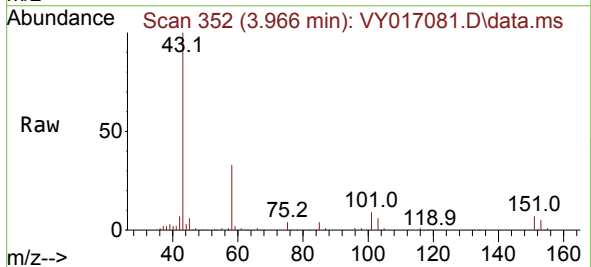


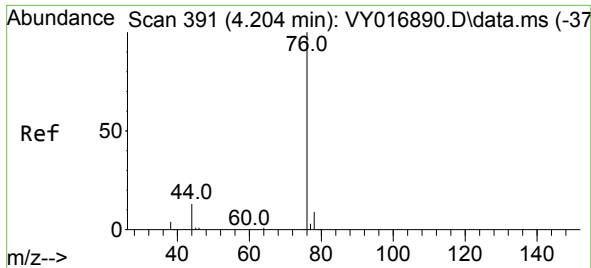
Tgt Ion: 53 Resp: 89268
Ion Ratio Lower Upper
53 100
52 80.8 65.1 97.7
51 35.7 29.0 43.4



#16
Acetone
Concen: 282.513 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 43 Resp: 96809
Ion Ratio Lower Upper
43 100
58 32.8 26.6 39.8





#17

Carbon Disulfide

Concen: 67.636 ug/l

RT: 4.216 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

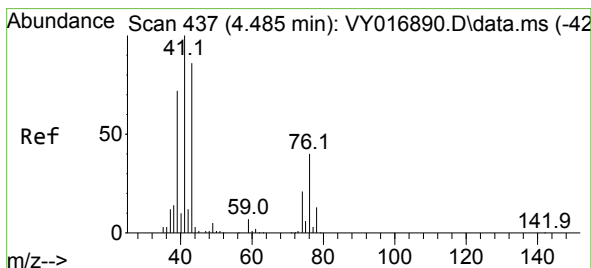
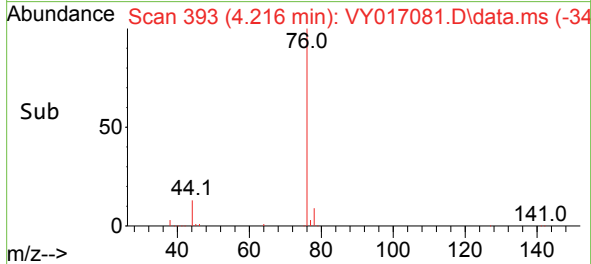
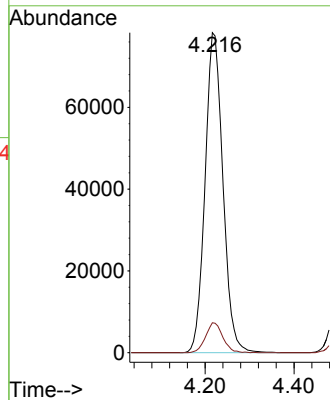
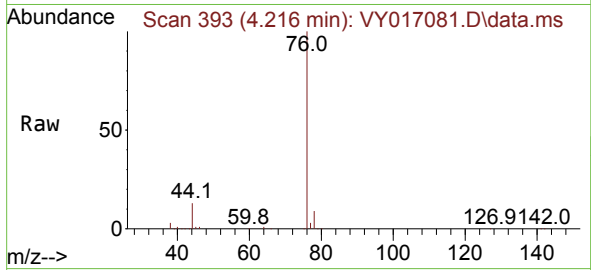
ClientSampleId :

Tgt Ion: 76 Resp: 218966

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 57.879 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017081.D

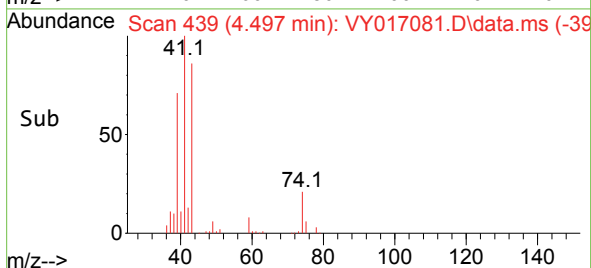
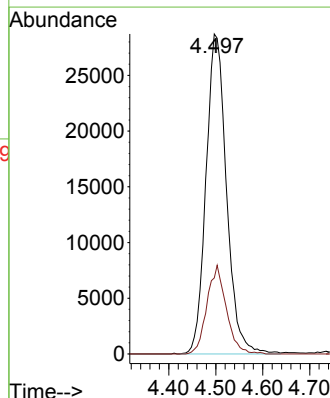
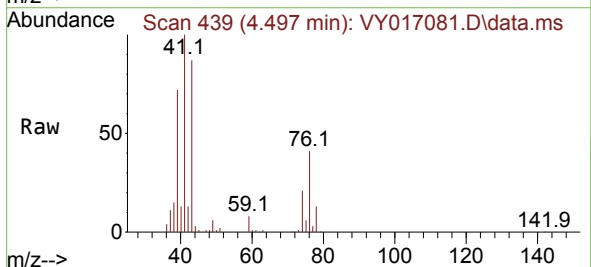
Acq: 22 Jan 2024 18:01

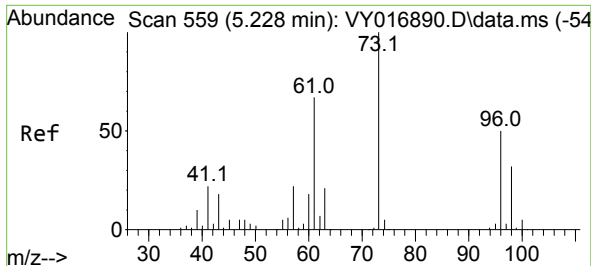
Tgt Ion: 43 Resp: 87184

Ion Ratio Lower Upper

43 100

74 26.1 19.8 29.6

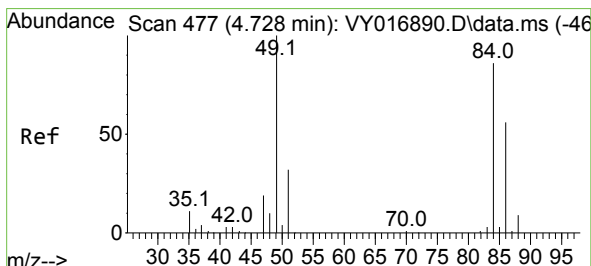
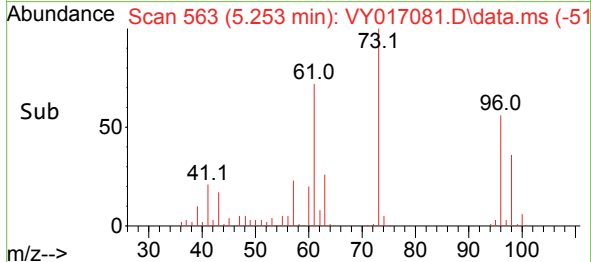
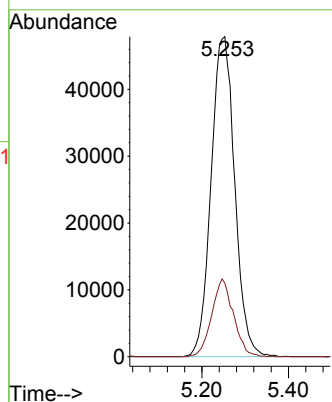
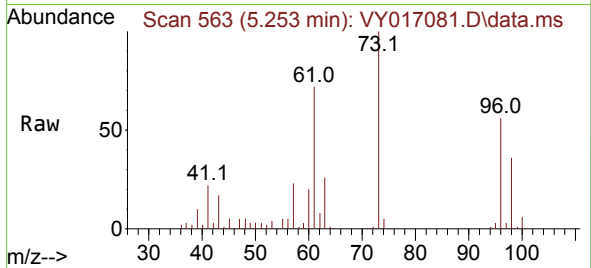




#19
Methyl tert-butyl Ether
Concen: 51.510 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

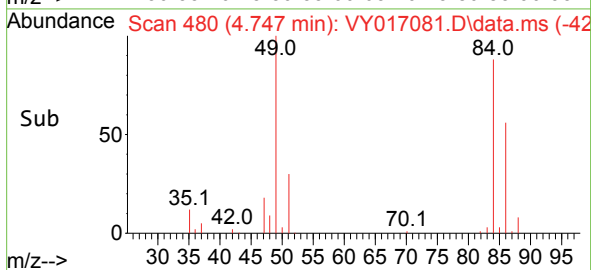
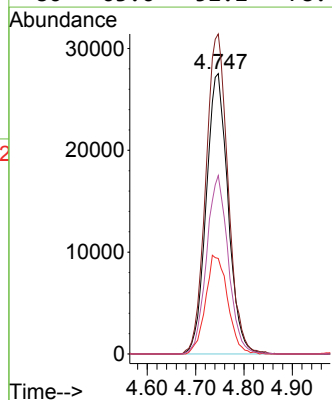
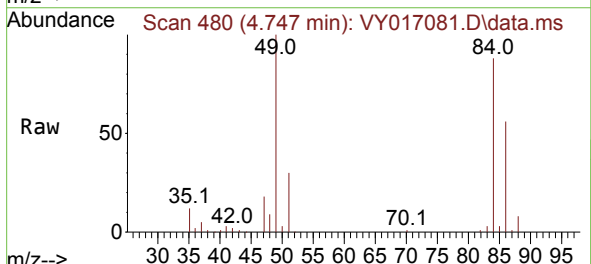
Instrument :
MSVOA_Y
ClientSampleId :

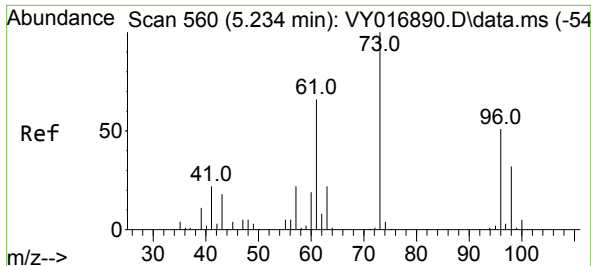
Tgt Ion: 73 Resp: 181574
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5



#20
Methylene Chloride
Concen: 47.122 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 84 Resp: 86478
Ion Ratio Lower Upper
84 100
49 114.2 95.2 142.8
51 34.1 29.9 44.9
86 63.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 56.027 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.007 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

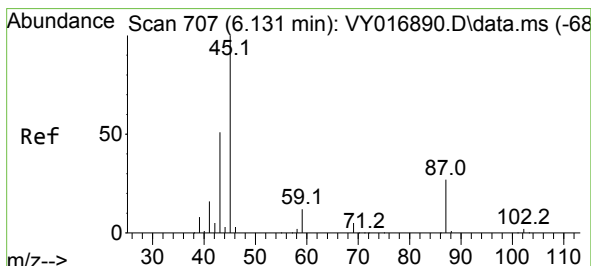
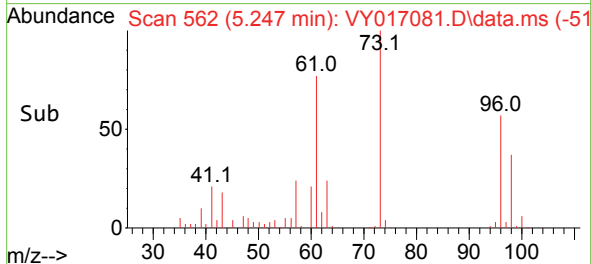
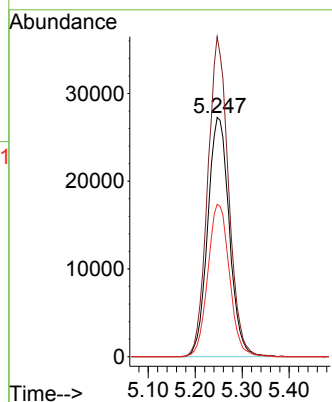
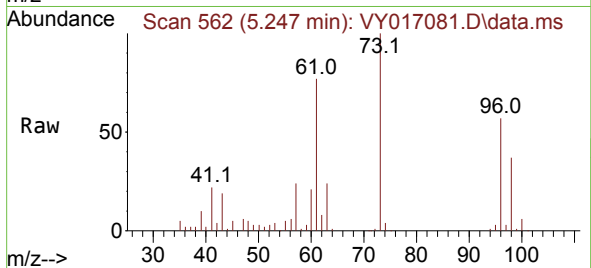
Tgt Ion: 96 Resp: 86943

Ion Ratio Lower Upper

96 100

61 133.8 104.6 156.8

98 63.7 50.9 76.3



#22

Diisopropyl ether

Concen: 50.172 ug/l

RT: 6.149 min Scan# 710

Delta R.T. 0.018 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Tgt Ion: 45 Resp: 248452

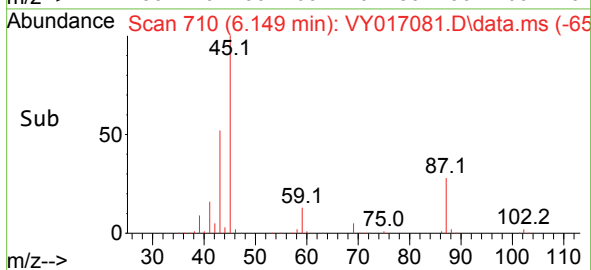
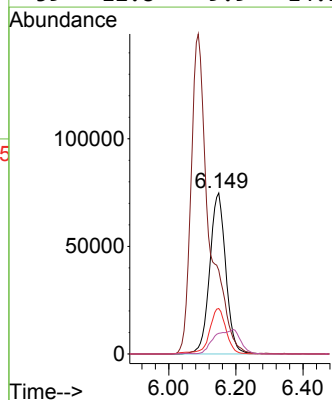
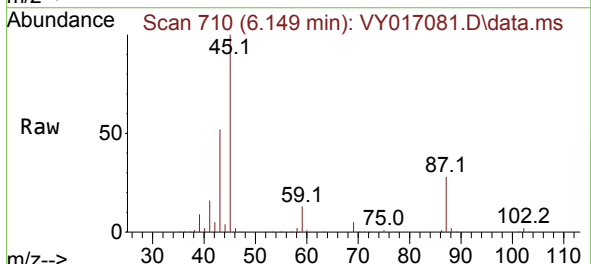
Ion Ratio Lower Upper

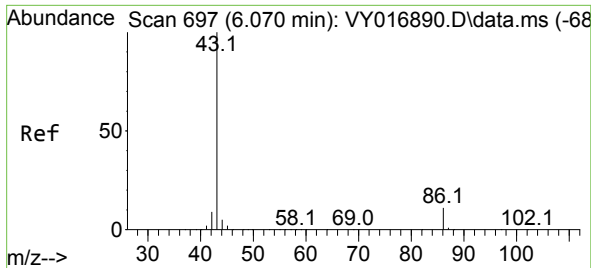
45 100

43 51.8 46.8 70.2

87 28.2 22.2 33.2

59 12.8 9.9 14.9

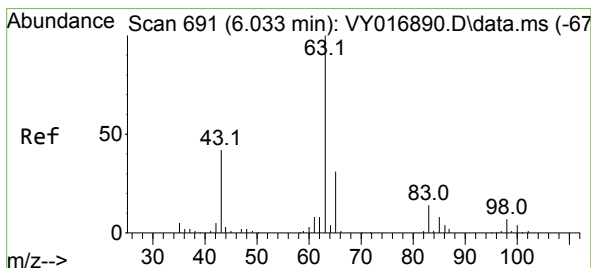
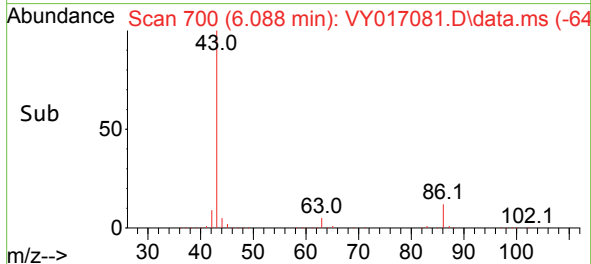
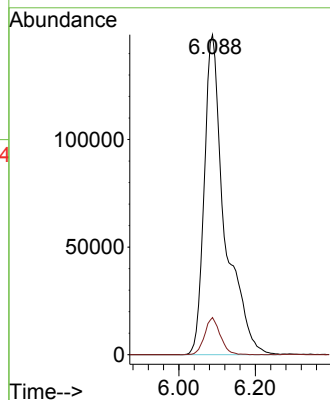
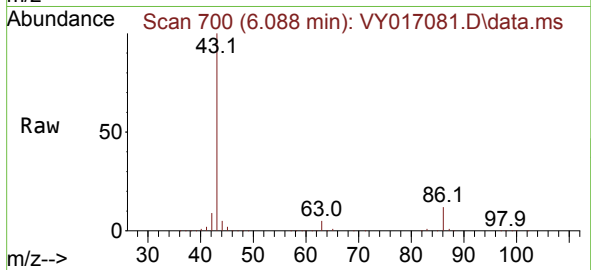




#23
 Vinyl Acetate
 Concen: 243.372 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY017081.D
 Acq: 22 Jan 2024 18:01

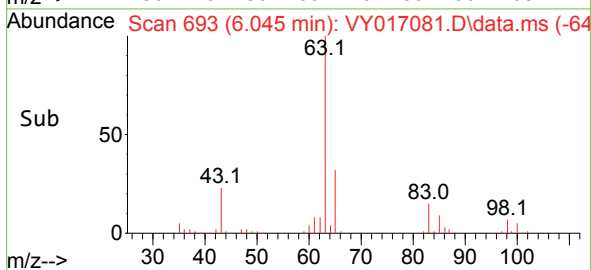
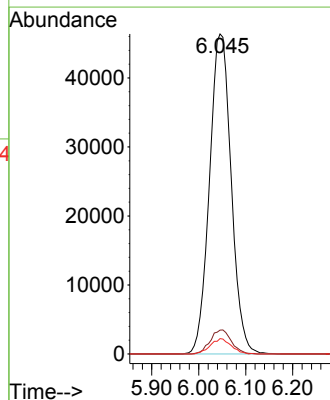
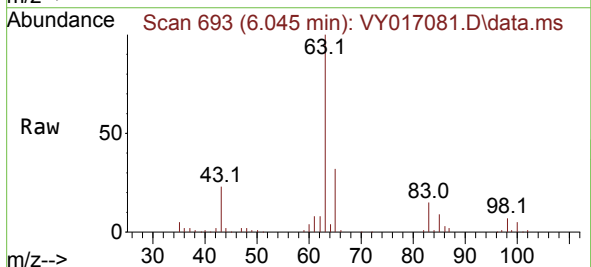
Instrument :
 MSVOA_Y
 ClientSampleId :

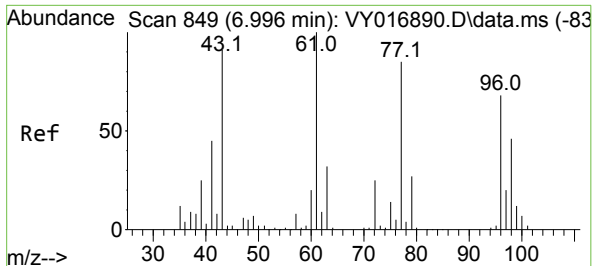
Tgt Ion: 43 Resp: 552604
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.971 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY017081.D
 Acq: 22 Jan 2024 18:01

Tgt Ion: 63 Resp: 148705
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 250.577 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

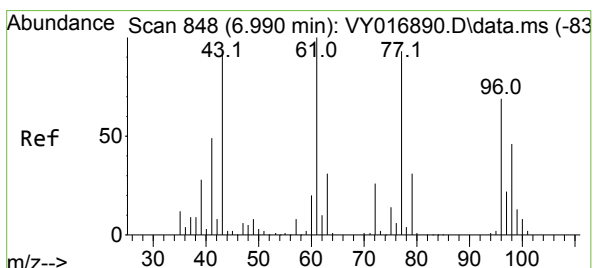
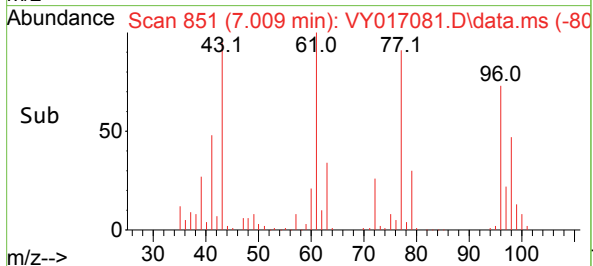
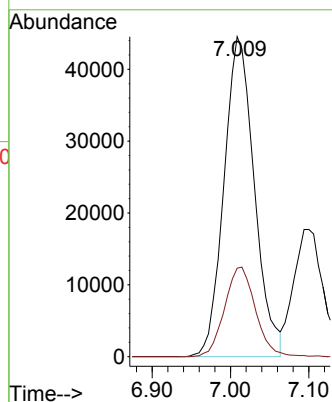
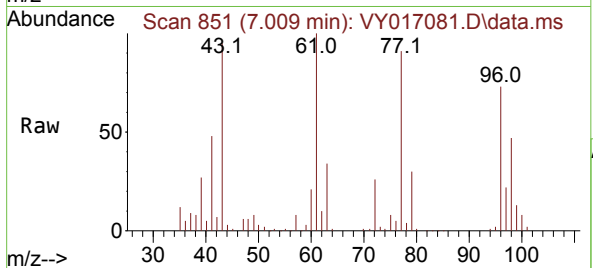
ClientSampleId :

Tgt Ion: 43 Resp: 120216

Ion Ratio Lower Upper

43 100

72 27.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 49.775 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY017081.D

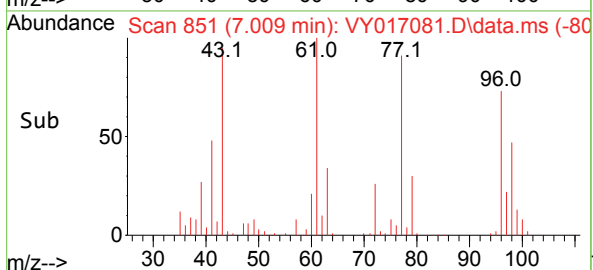
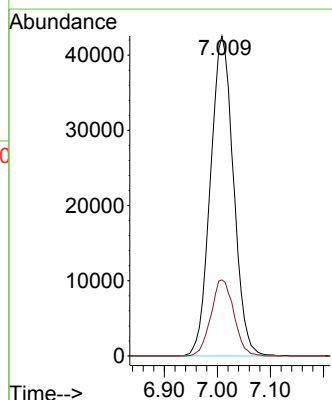
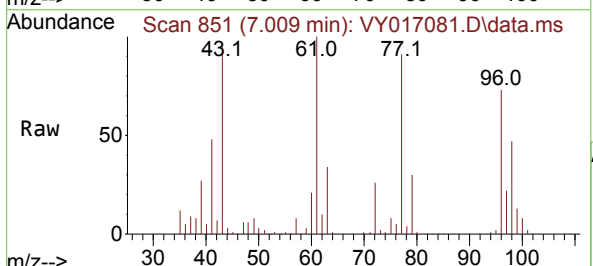
Acq: 22 Jan 2024 18:01

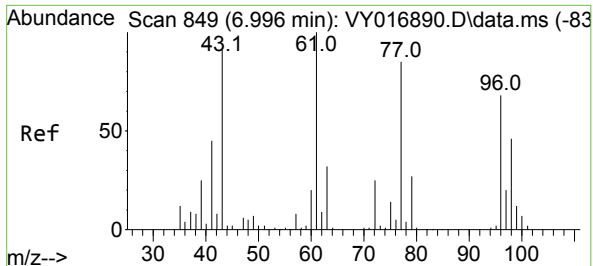
Tgt Ion: 77 Resp: 128427

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.207 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

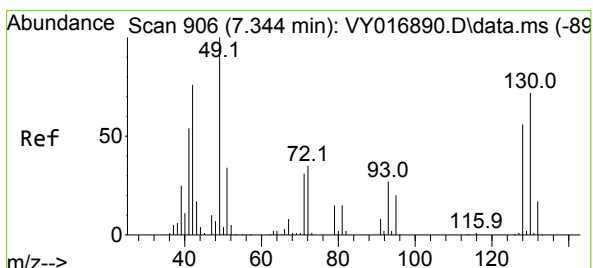
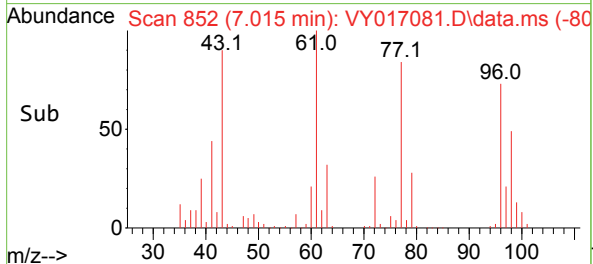
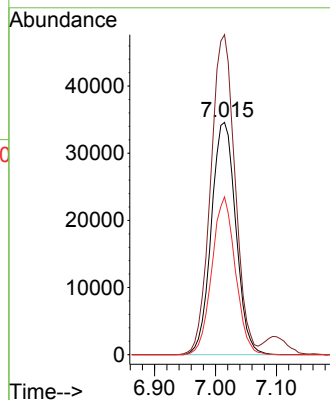
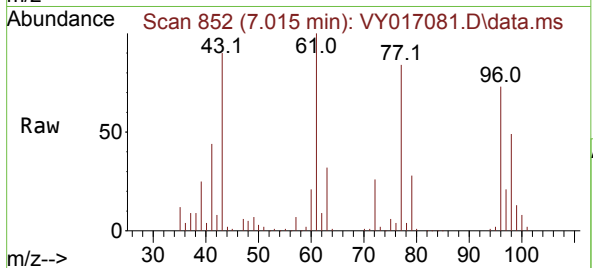
Tgt Ion: 96 Resp: 96787

Ion Ratio Lower Upper

96 100

61 137.0 0.0 278.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 56.001 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

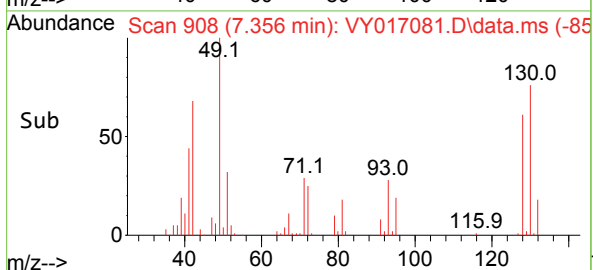
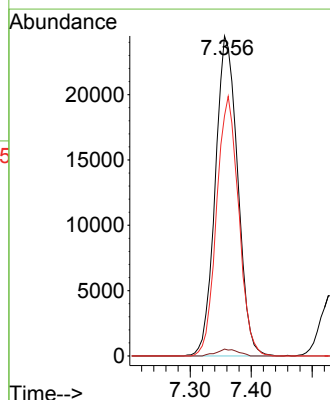
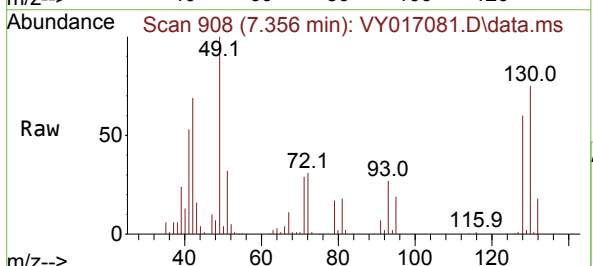
Tgt Ion: 49 Resp: 62563

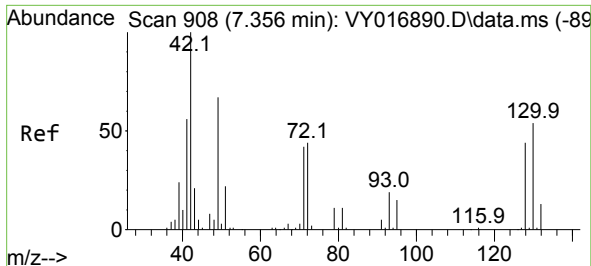
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 80.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 254.922 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

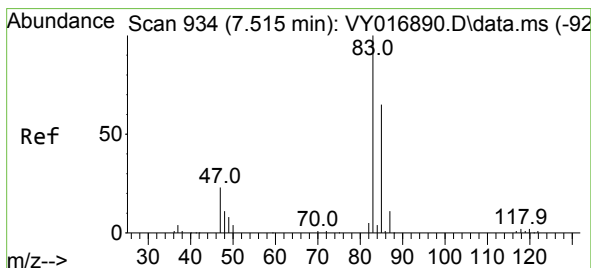
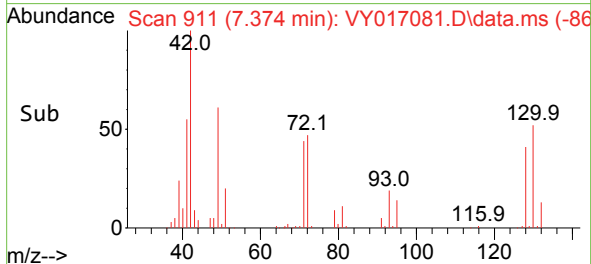
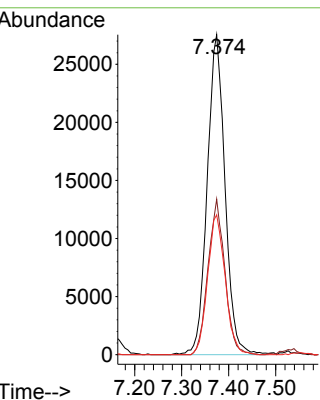
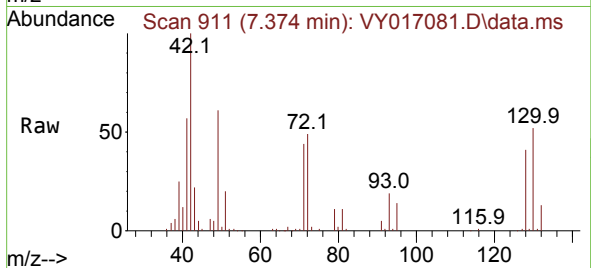
Tgt Ion: 42 Resp: 72542

Ion Ratio Lower Upper

42 100

72 46.0 36.6 54.8

71 43.2 33.8 50.6



#30

Chloroform

Concen: 49.867 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY017081.D

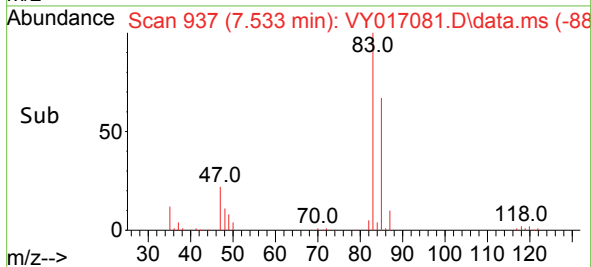
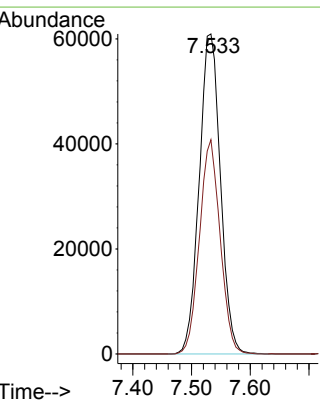
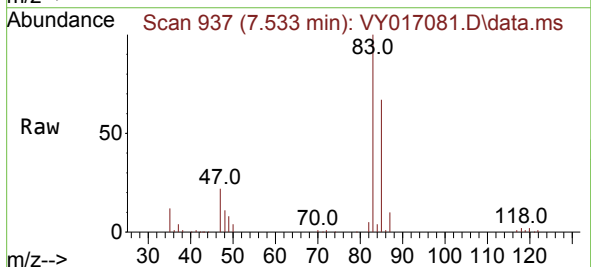
Acq: 22 Jan 2024 18:01

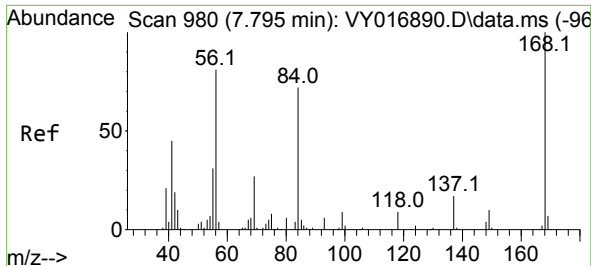
Tgt Ion: 83 Resp: 152925

Ion Ratio Lower Upper

83 100

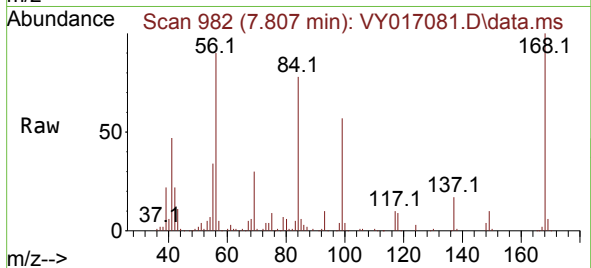
85 66.9 51.2 76.8



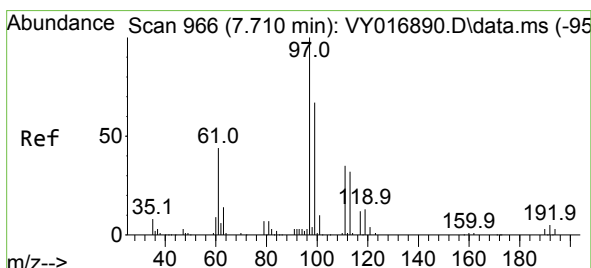
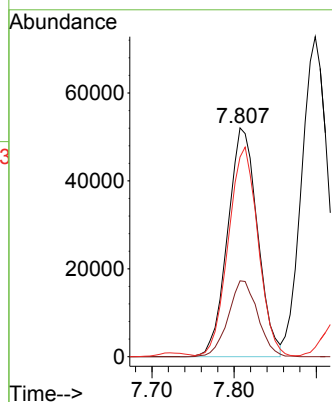
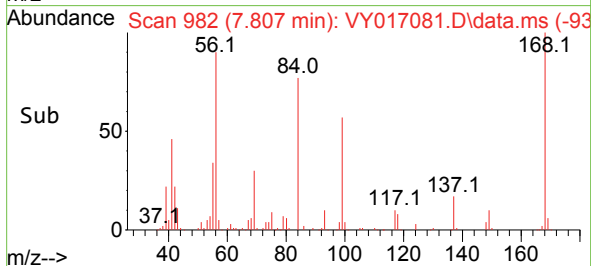


#31
Cyclohexane
Concen: 54.566 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

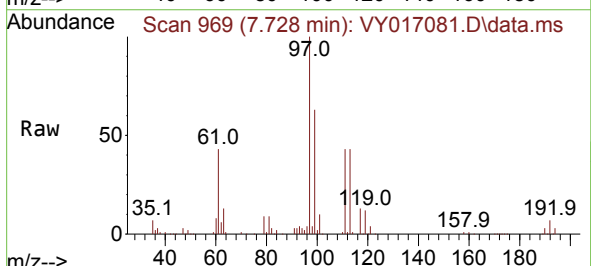
Instrument :
MSVOA_Y
ClientSampleId :



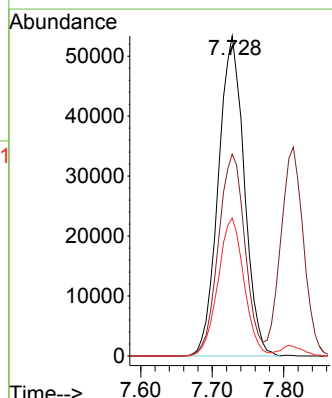
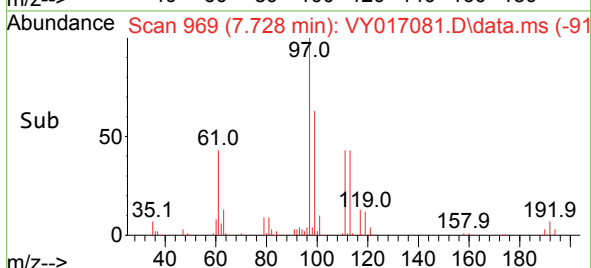
Tgt Ion: 56 Resp: 131674
Ion Ratio Lower Upper
56 100
69 33.2 27.0 40.6
84 85.8 71.8 107.6

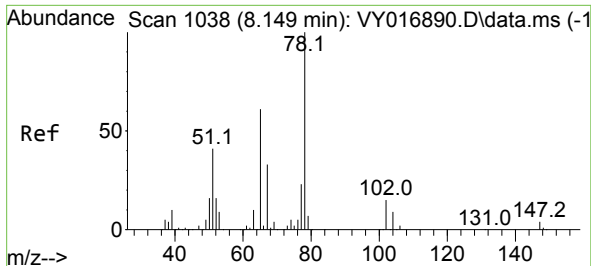


#32
1,1,1-Trichloroethane
Concen: 51.674 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01



Tgt Ion: 97 Resp: 134363
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 43.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 46.998 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

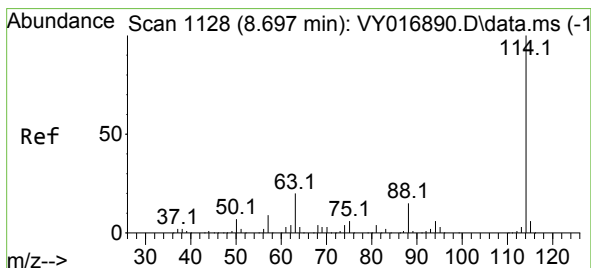
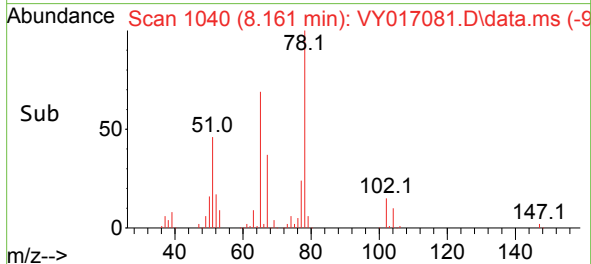
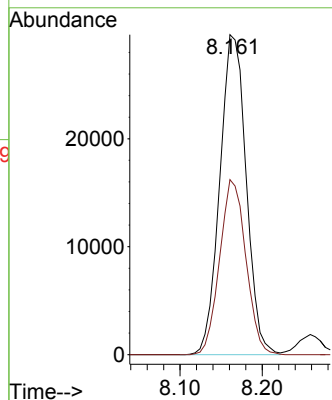
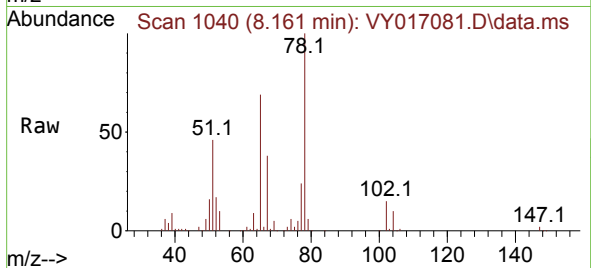
ClientSampleId :

Tgt Ion: 65 Resp: 66079

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

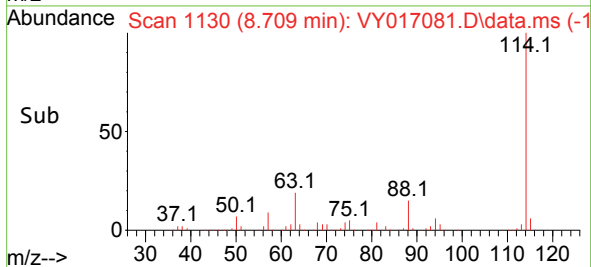
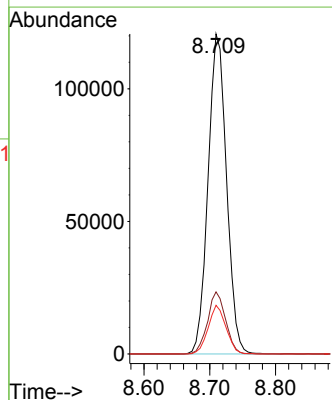
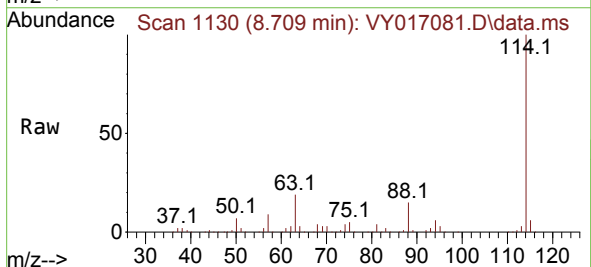
Tgt Ion: 114 Resp: 236137

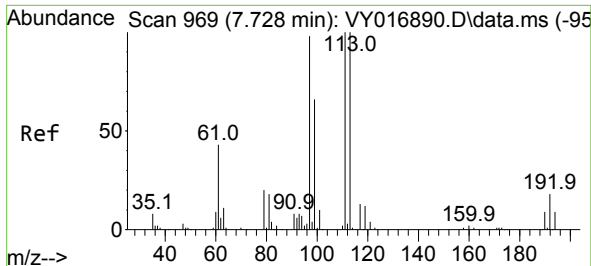
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 15.2 0.0 29.0

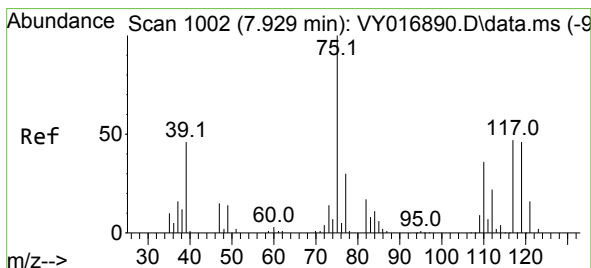
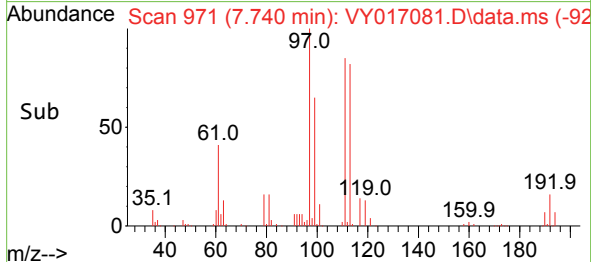
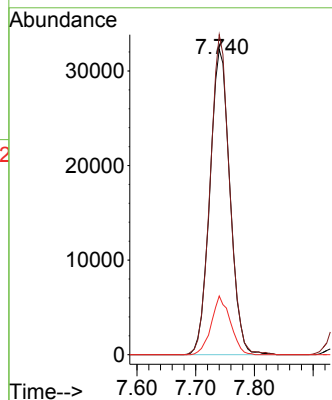
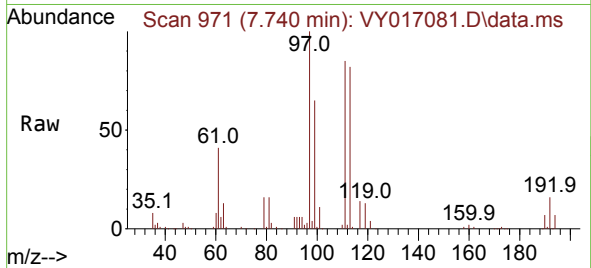




#35
Dibromofluoromethane
Concen: 50.927 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

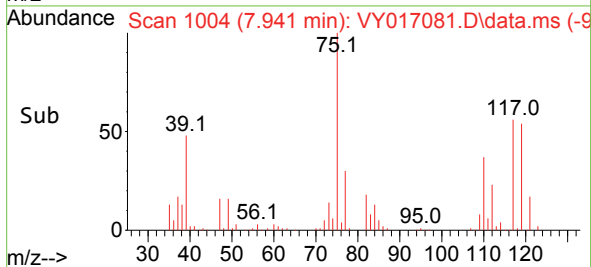
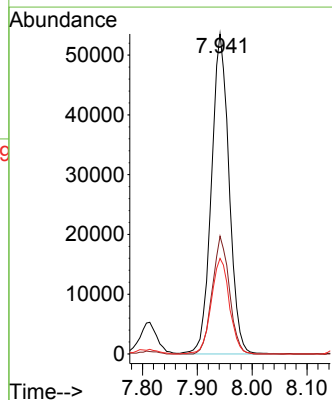
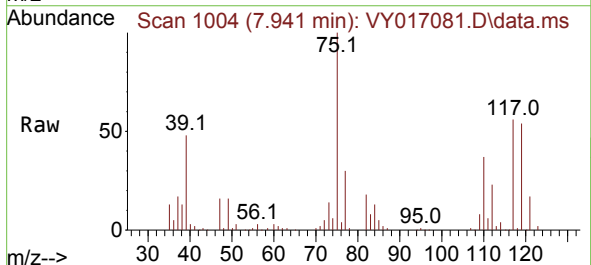
Instrument :
MSVOA_Y
ClientSampleId :

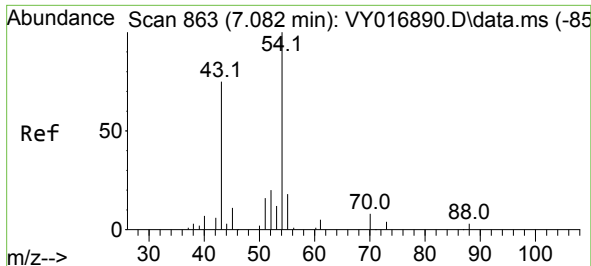
Tgt Ion:113 Resp: 76633
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 54.667 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 75 Resp: 119882
Ion Ratio Lower Upper
75 100
110 35.6 17.4 52.3
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 48.250 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017081.D

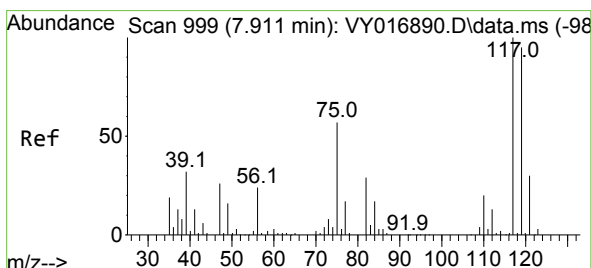
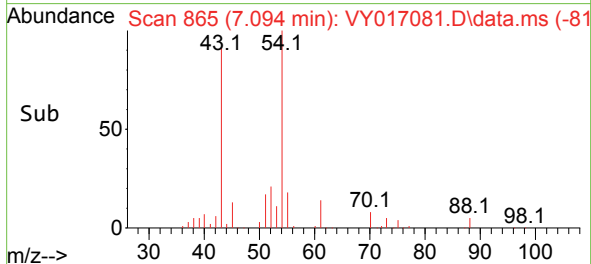
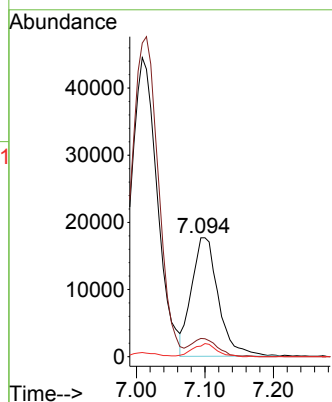
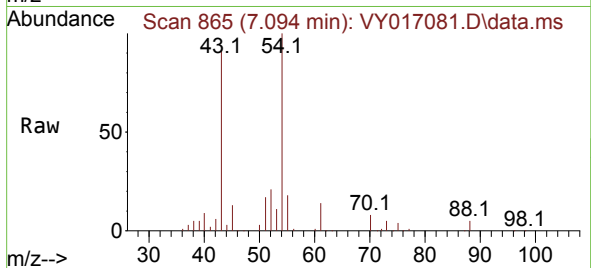
Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	48085
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.0	16.6
70	9.8	8.1	12.1



#38

Carbon Tetrachloride

Concen: 53.736 ug/l

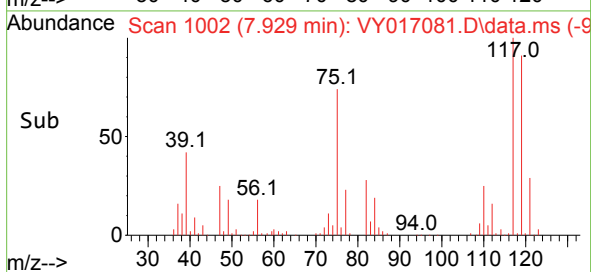
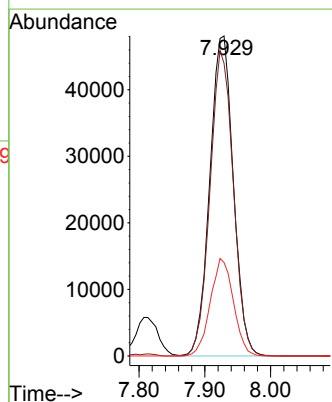
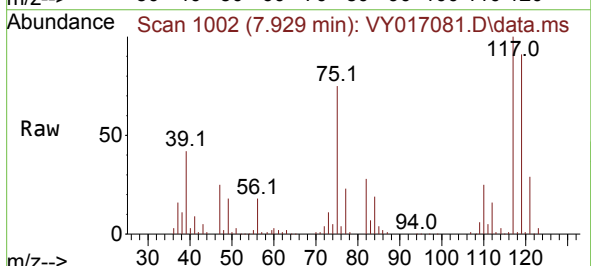
RT: 7.929 min Scan# 1002

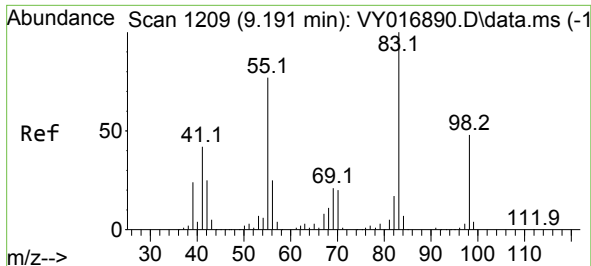
Delta R.T. 0.012 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Tgt Ion:	117	Resp:	119726
Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.0	114.0
121	29.2	24.2	36.2





#39

Methylcyclohexane

Concen: 58.454 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

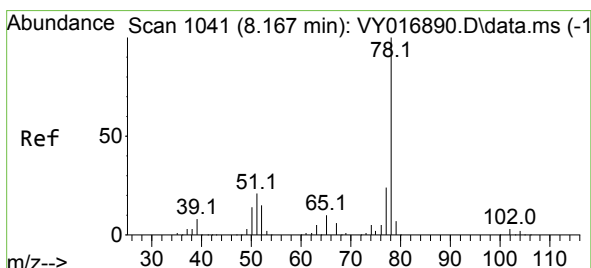
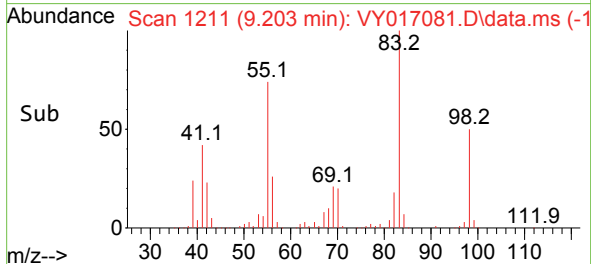
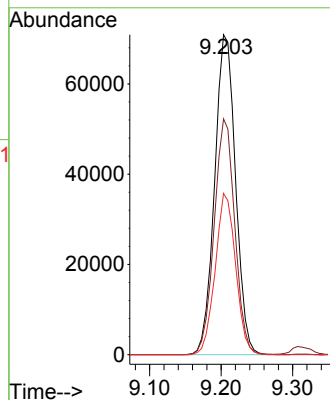
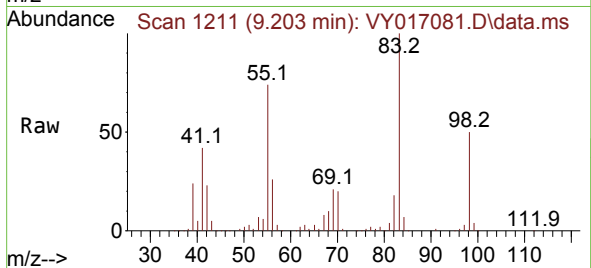
Tgt Ion: 83 Resp: 144106

Ion Ratio Lower Upper

83 100

55 73.7 59.7 89.5

98 50.4 38.0 57.0



#40

Benzene

Concen: 53.327 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY017081.D

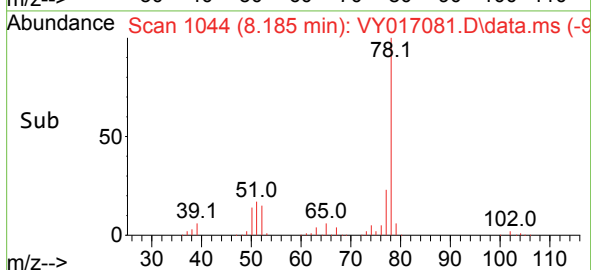
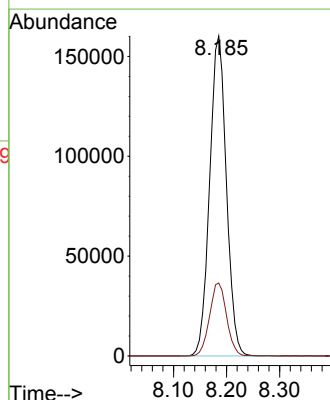
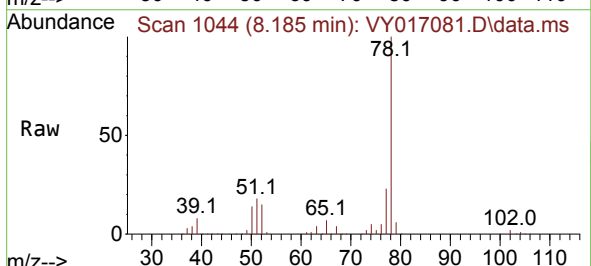
Acq: 22 Jan 2024 18:01

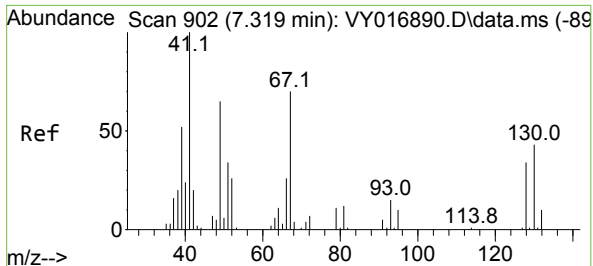
Tgt Ion: 78 Resp: 350807

Ion Ratio Lower Upper

78 100

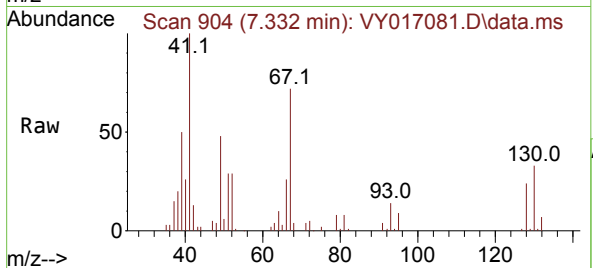
77 22.8 18.8 28.2



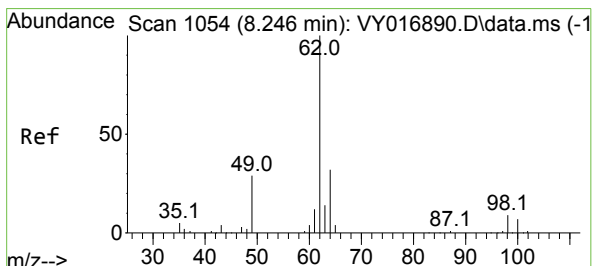
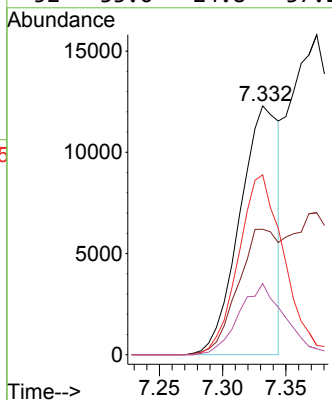
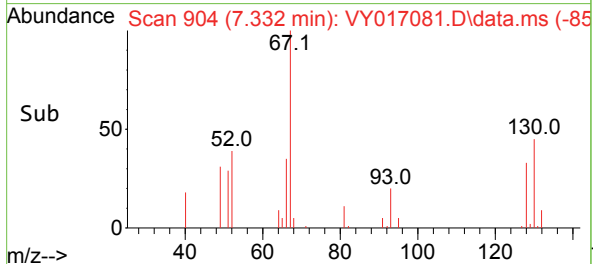


#41
Methacrylonitrile
Concen: 50.299 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

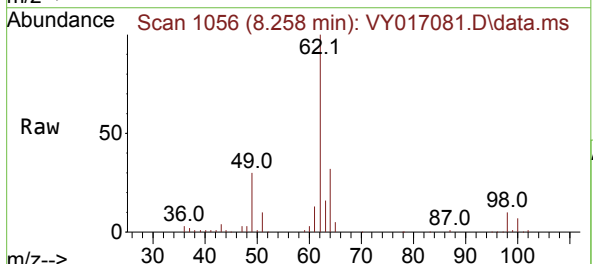
Instrument :
MSVOA_Y
ClientSampleId :



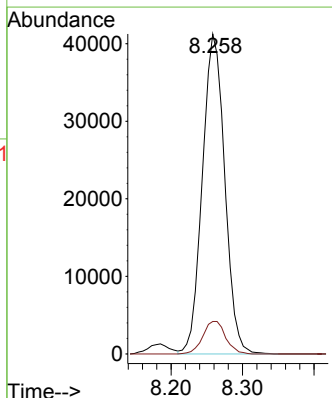
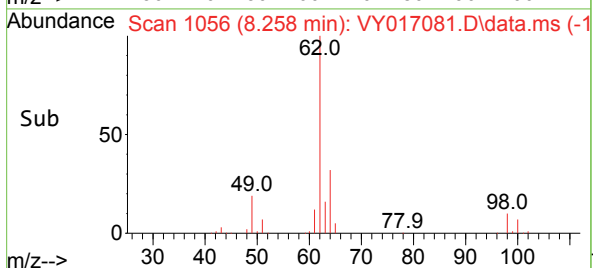
Tgt Ion: 41 Resp: 26400
Ion Ratio Lower Upper
41 100
39 52.0 41.9 62.9
67 84.5 59.8 89.6
52 33.6 24.8 37.2

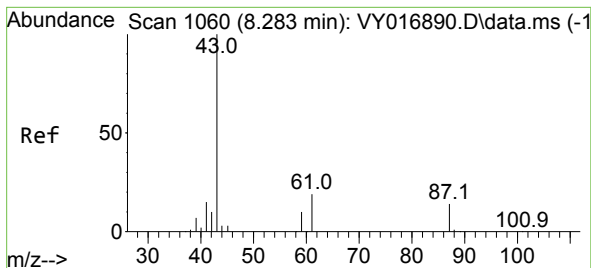


#42
1,2-Dichloroethane
Concen: 51.382 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01



Tgt Ion: 62 Resp: 89735
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2





#43

Isopropyl Acetate

Concen: 49.040 ug/l

RT: 8.295 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

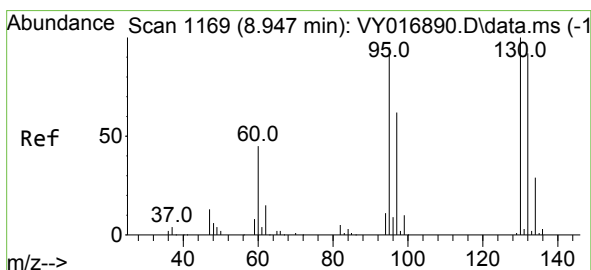
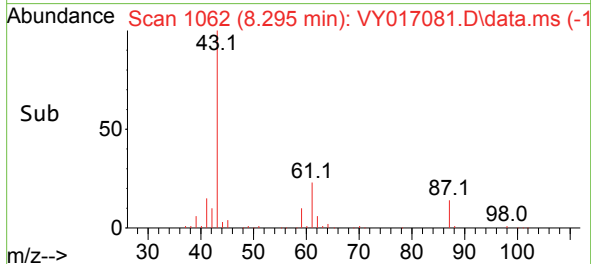
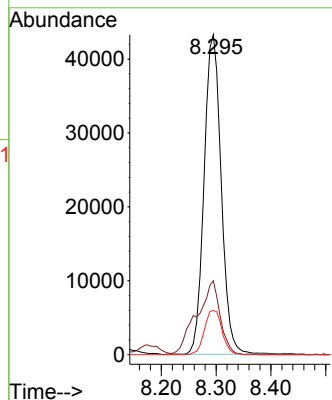
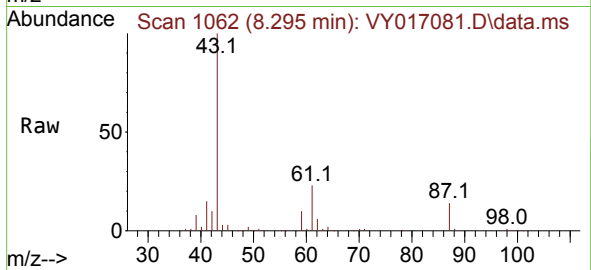
Tgt Ion: 43 Resp: 93589

Ion Ratio Lower Upper

43 100

61 31.3 24.8 37.2

87 14.3 10.7 16.1



#44

Trichloroethene

Concen: 54.780 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.012 min

Lab File: VY017081.D

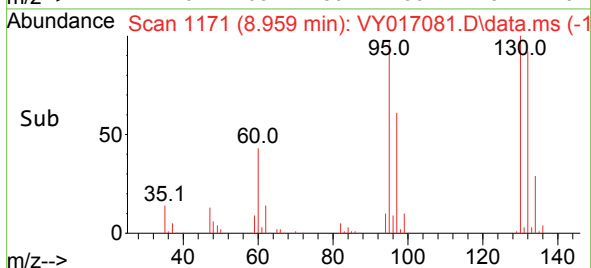
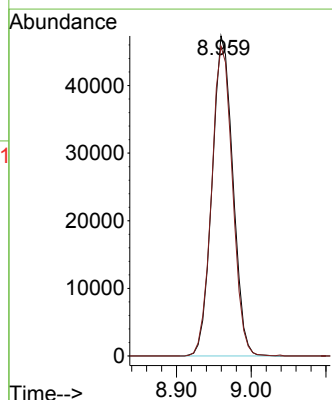
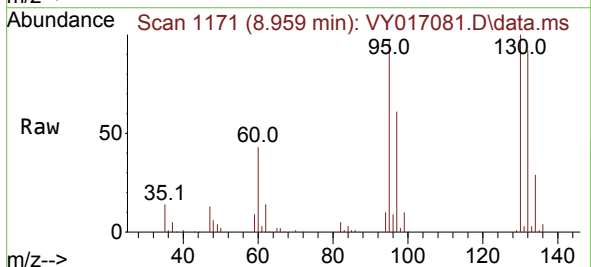
Acq: 22 Jan 2024 18:01

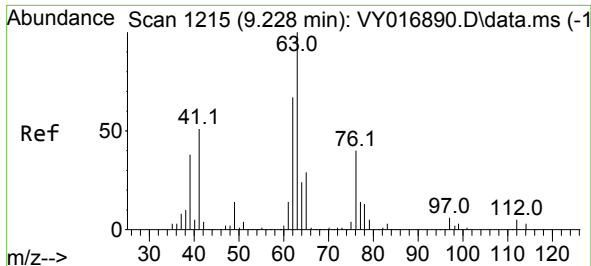
Tgt Ion:130 Resp: 91698

Ion Ratio Lower Upper

130 100

95 96.8 0.0 203.8

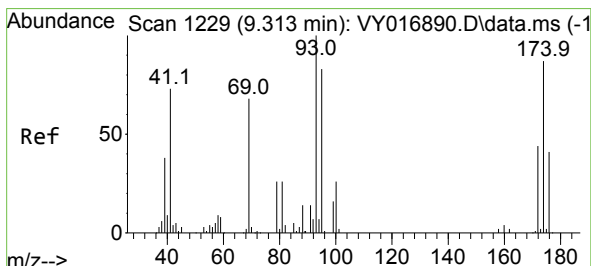
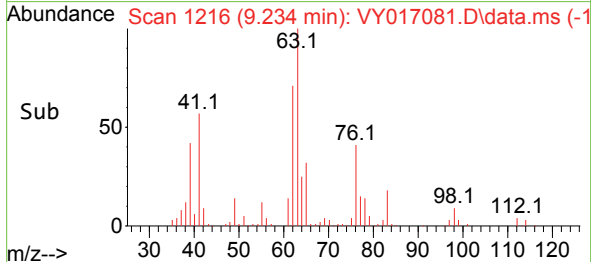
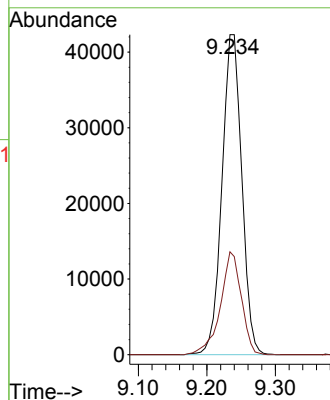
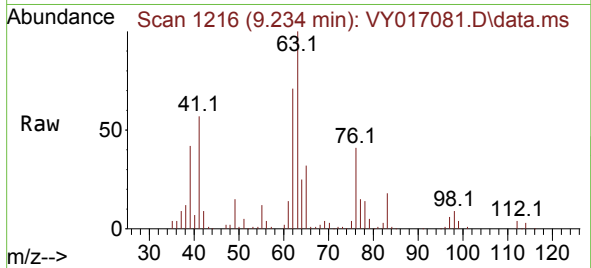




#45
1,2-Dichloropropane
Concen: 50.032 ug/l
RT: 9.234 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

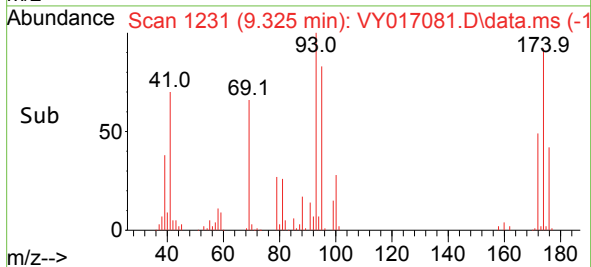
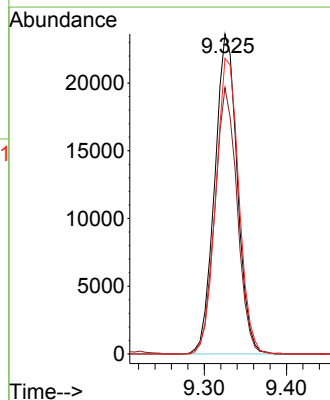
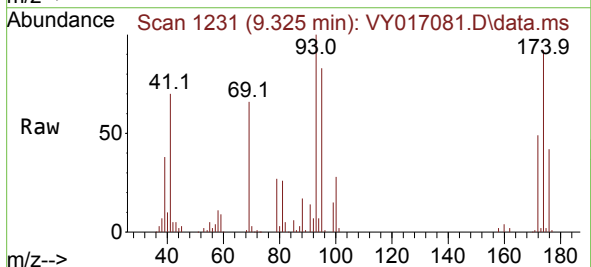
Instrument :
MSVOA_Y
ClientSampleId :

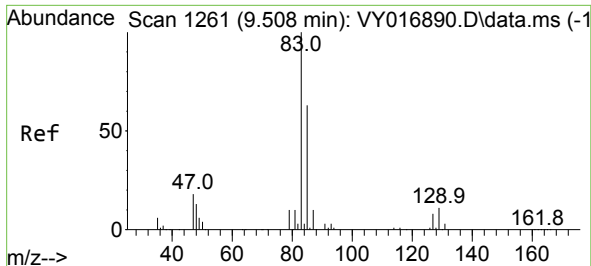
Tgt Ion: 63 Resp: 84793
Ion Ratio Lower Upper
63 100
65 32.1 24.6 36.8



#46
Dibromomethane
Concen: 52.194 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 93 Resp: 45113
Ion Ratio Lower Upper
93 100
95 82.2 66.6 99.8
174 94.0 73.8 110.6

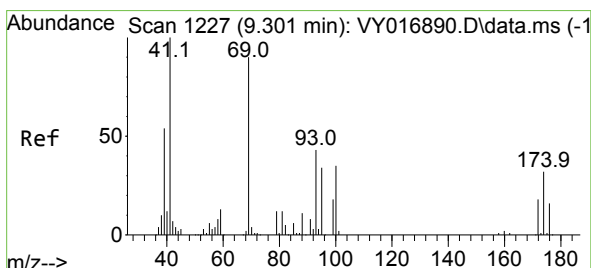
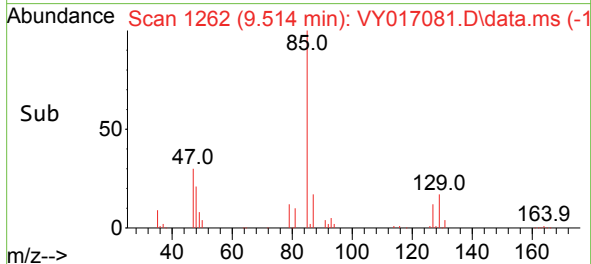
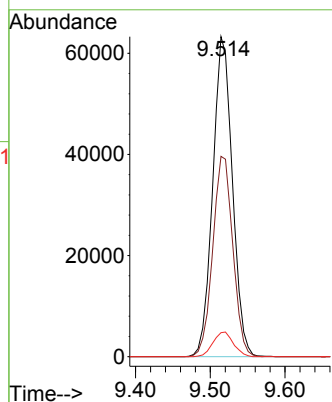
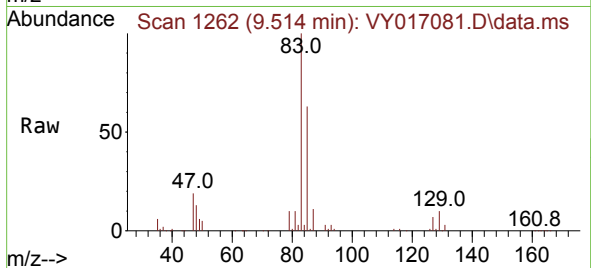




#47
Bromodichloromethane
Concen: 49.852 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

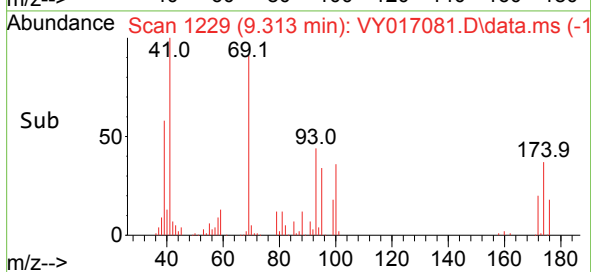
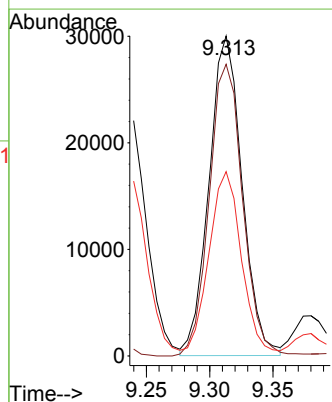
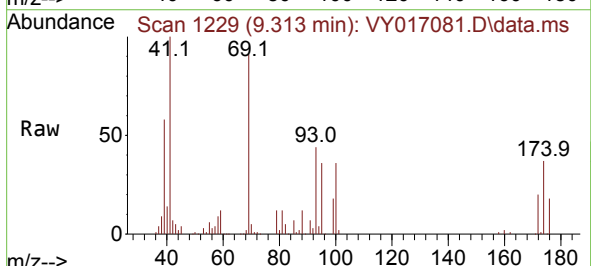
Instrument :
MSVOA_Y
ClientSampleId :

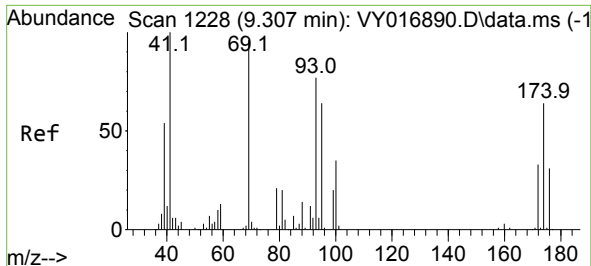
Tgt Ion: 83 Resp: 115706
Ion Ratio Lower Upper
83 100
85 62.6 53.2 79.8
127 7.5 6.4 9.6



#48
Methyl methacrylate
Concen: 53.038 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 41 Resp: 54625
Ion Ratio Lower Upper
41 100
69 92.4 72.1 108.1
39 53.9 42.8 64.2





#49

1,4-Dioxane

Concen: 1060.618 ug/l

RT: 9.319 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

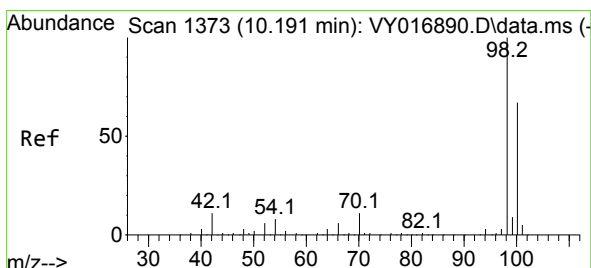
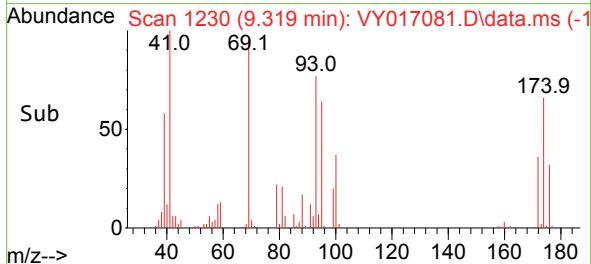
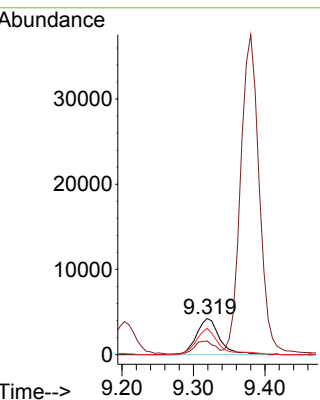
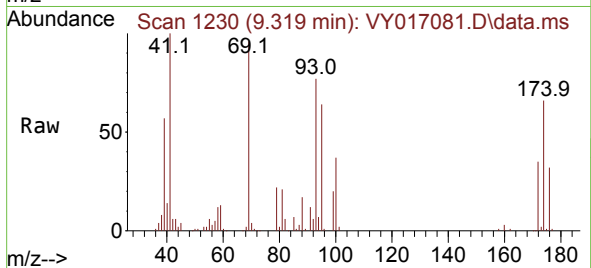
Tgt Ion: 88 Resp: 9492

Ion Ratio Lower Upper

88 100

43 32.8 28.2 42.4

58 72.5 52.2 78.2



#50

Toluene-d8

Concen: 47.268 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017081.D

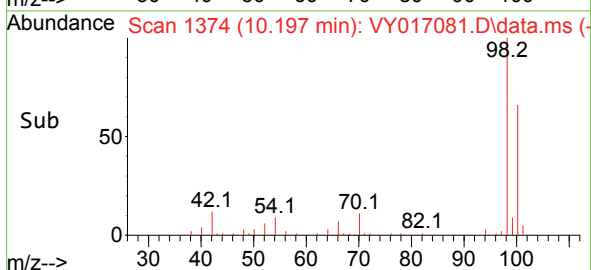
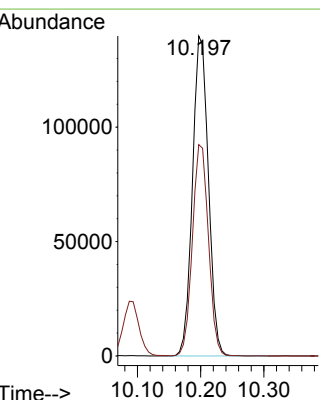
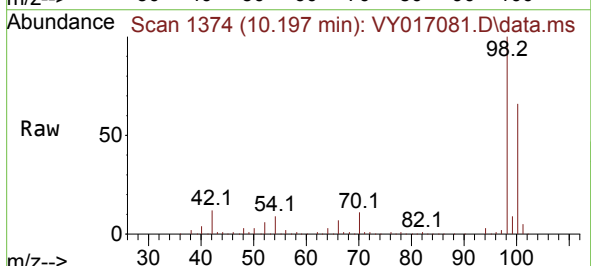
Acq: 22 Jan 2024 18:01

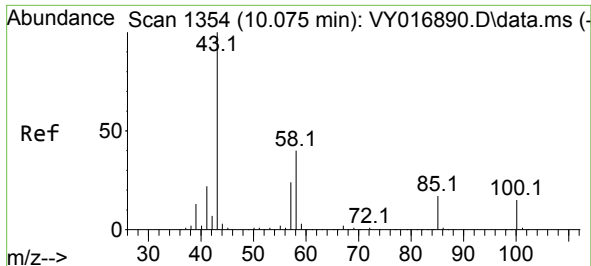
Tgt Ion: 98 Resp: 244925

Ion Ratio Lower Upper

98 100

100 66.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 253.241 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

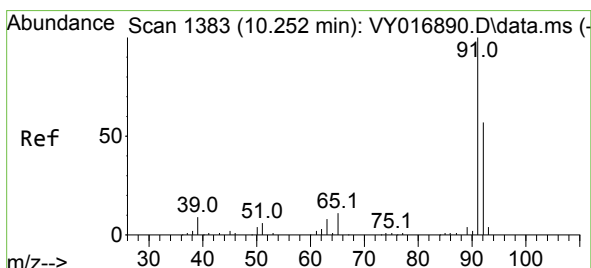
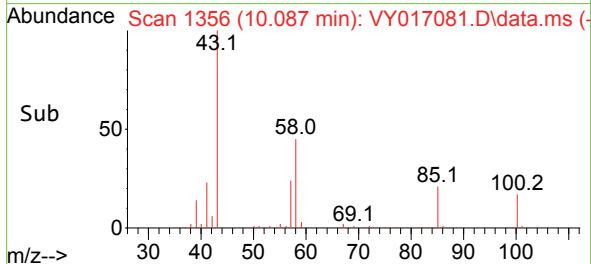
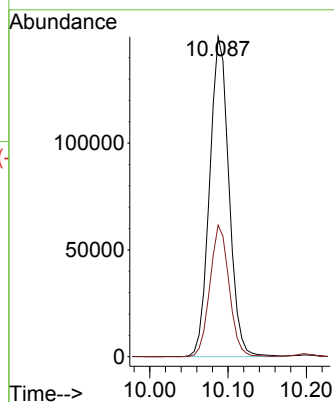
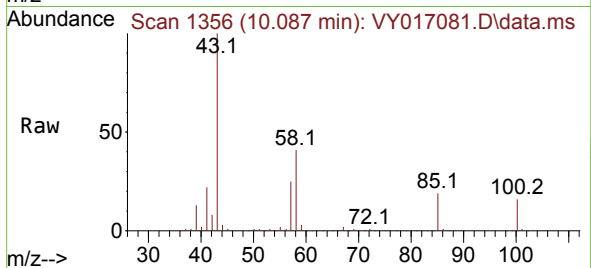
ClientSampleId :

Tgt Ion: 43 Resp: 257022

Ion Ratio Lower Upper

43 100

58 40.8 32.2 48.2



#52

Toluene

Concen: 54.815 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY017081.D

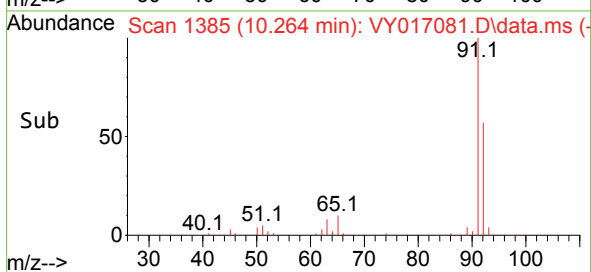
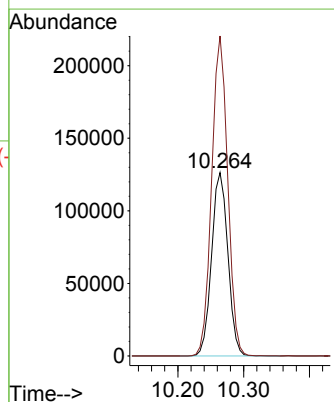
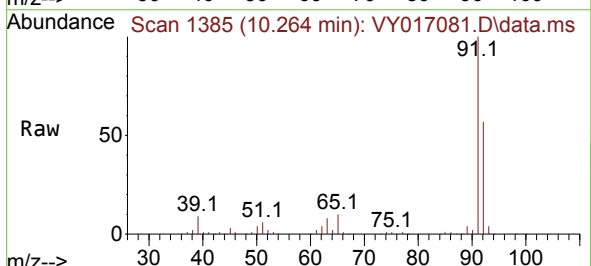
Acq: 22 Jan 2024 18:01

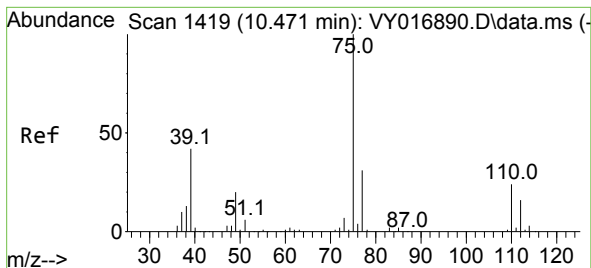
Tgt Ion: 92 Resp: 217621

Ion Ratio Lower Upper

92 100

91 172.0 137.6 206.4

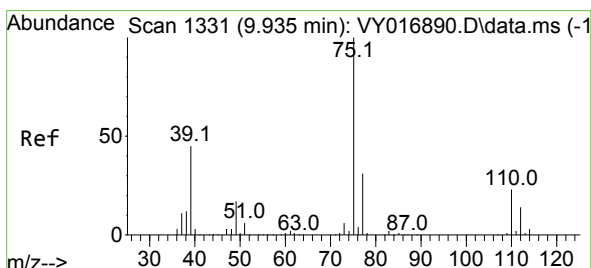
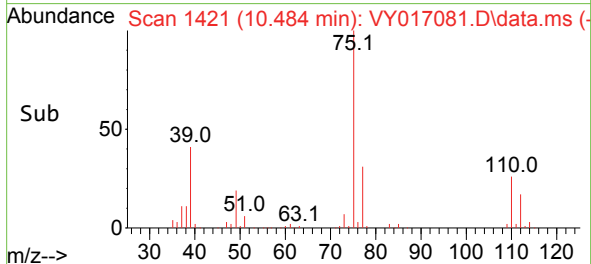
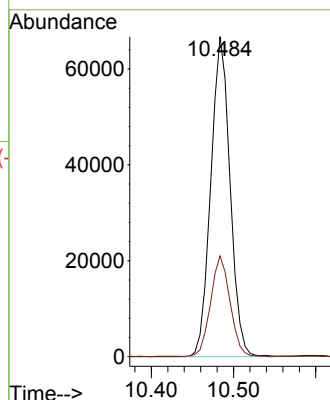
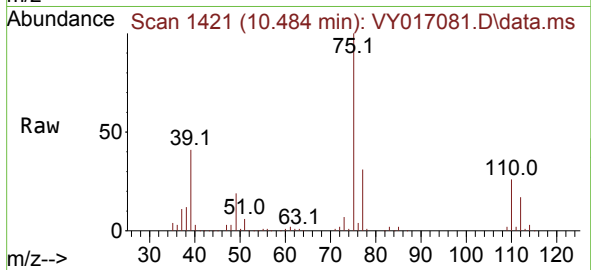




#53
 t-1,3-Dichloropropene
 Concen: 52.167 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.013 min
 Lab File: VY017081.D
 Acq: 22 Jan 2024 18:01

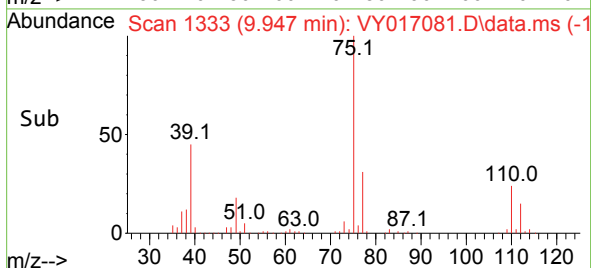
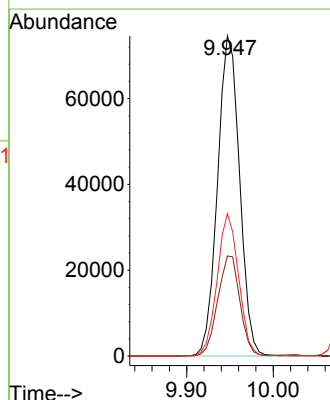
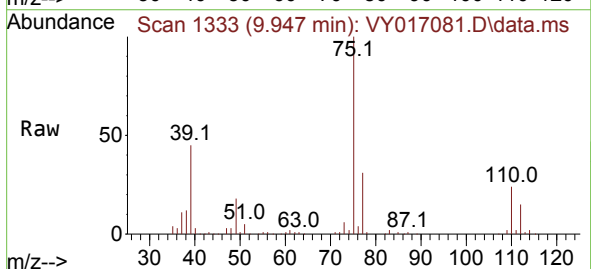
Instrument :
 MSVOA_Y
 ClientSampleId :

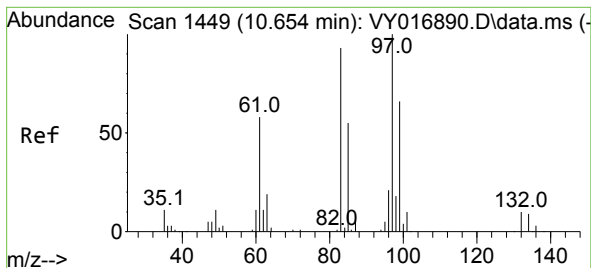
Tgt Ion: 75 Resp: 108455
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.770 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017081.D
 Acq: 22 Jan 2024 18:01

Tgt Ion: 75 Resp: 131751
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 36.8
 39 44.5 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 50.194 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 63381

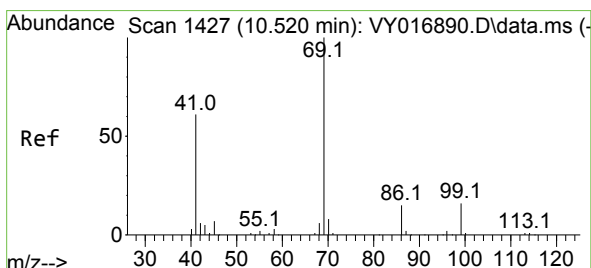
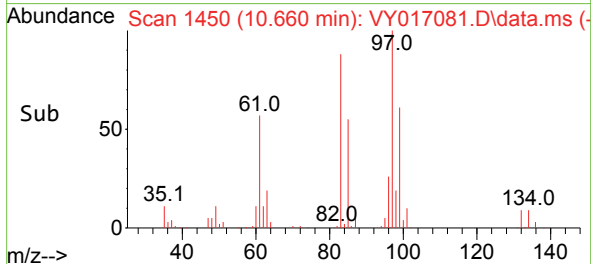
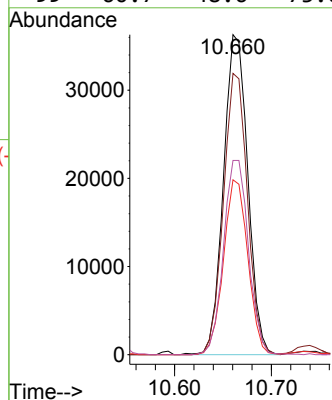
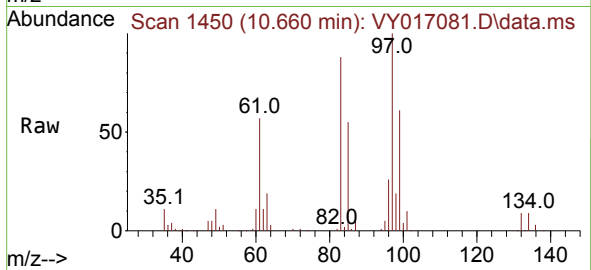
Ion Ratio Lower Upper

97 100

83 87.9 69.4 104.2

85 54.7 43.9 65.9

99 60.7 48.6 73.0



#56

Ethyl methacrylate

Concen: 54.860 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

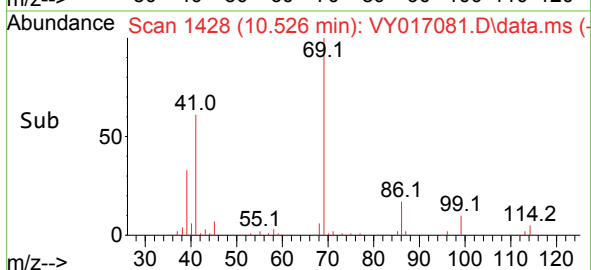
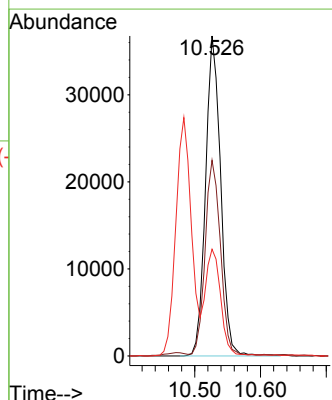
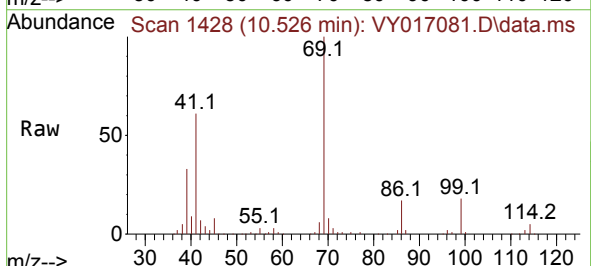
Tgt Ion: 69 Resp: 58675

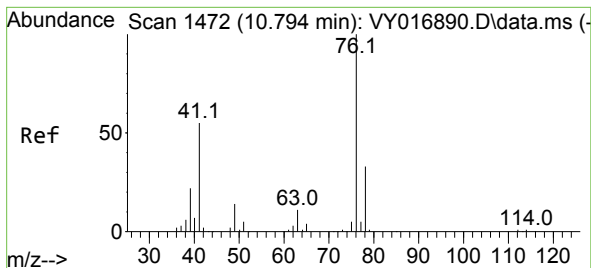
Ion Ratio Lower Upper

69 100

41 61.5 49.2 73.8

39 33.4 26.8 40.2





#57

1,3-Dichloropropane

Concen: 51.501 ug/l

RT: 10.807 min Scan# 1472

Delta R.T. 0.007 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

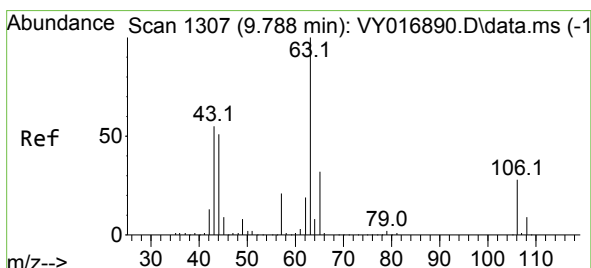
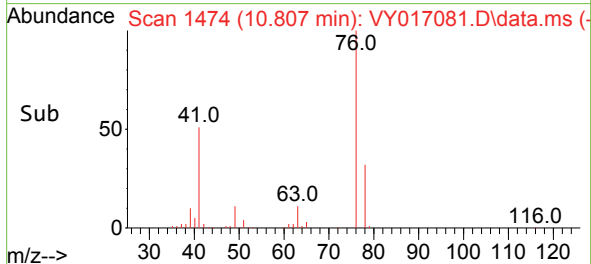
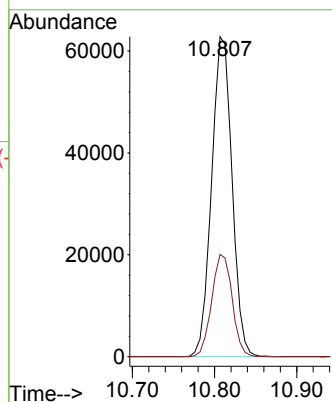
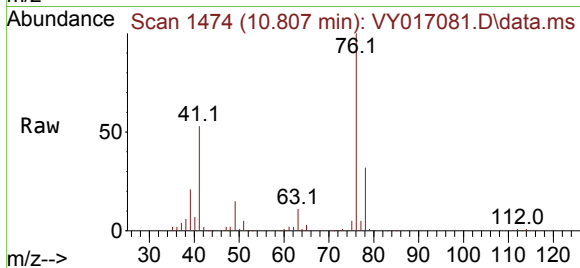
ClientSampleId :

Tgt Ion: 76 Resp: 108576

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 225.733 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VY017081.D

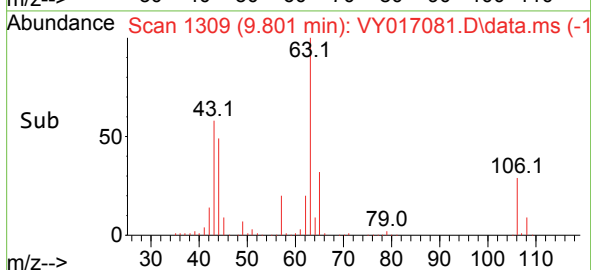
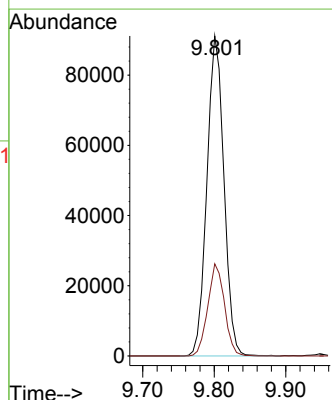
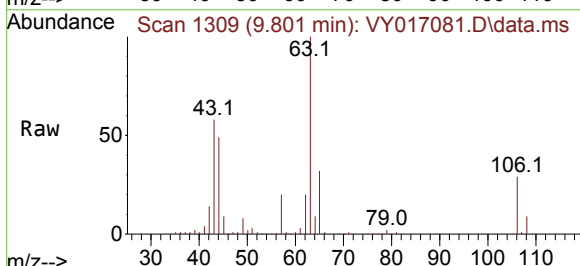
Acq: 22 Jan 2024 18:01

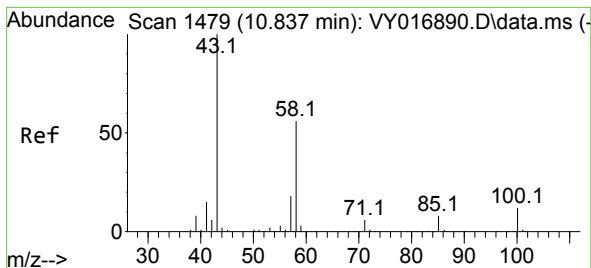
Tgt Ion: 63 Resp: 150697

Ion Ratio Lower Upper

63 100

106 28.2 22.4 33.6

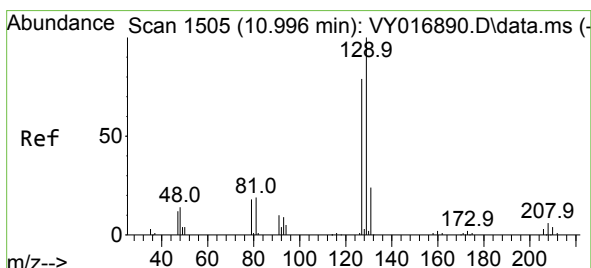
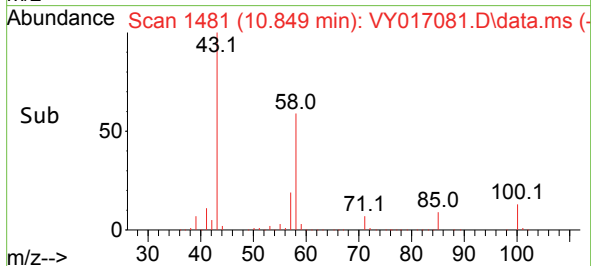
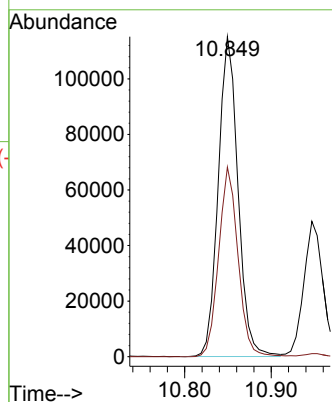
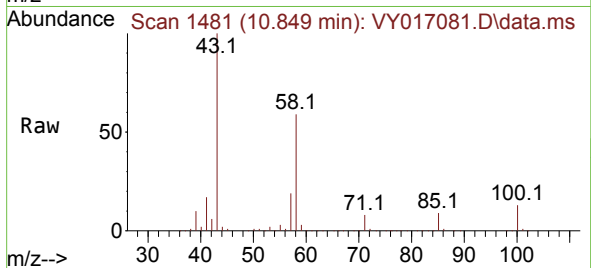




#59
2-Hexanone
Concen: 243.906 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

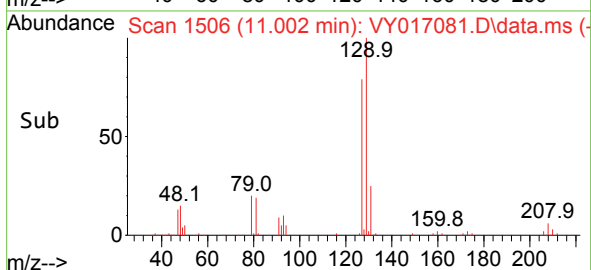
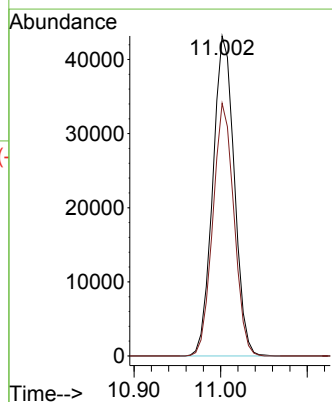
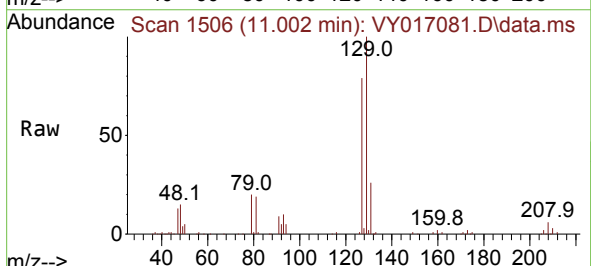
Instrument :
MSVOA_Y
ClientSampleId :

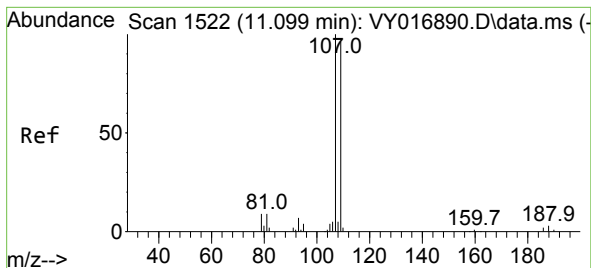
Tgt Ion: 43 Resp: 182277
Ion Ratio Lower Upper
43 100
58 58.2 28.1 84.3



#60
Dibromochloromethane
Concen: 51.119 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion:129 Resp: 74439
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 53.175 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

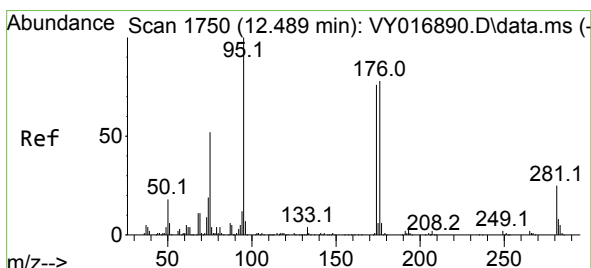
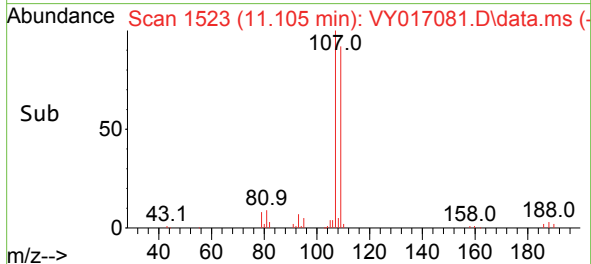
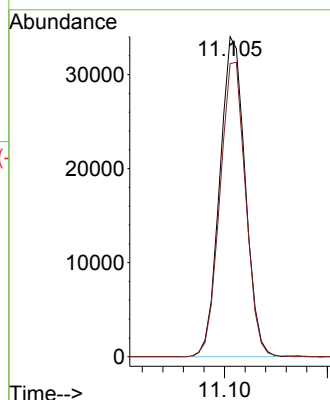
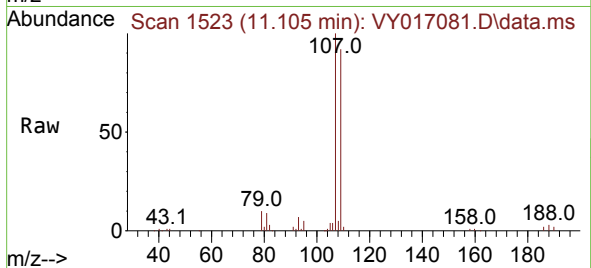
ClientSampleId :

Tgt Ion:107 Resp: 58338

Ion Ratio Lower Upper

107 100

109 93.1 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.821 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

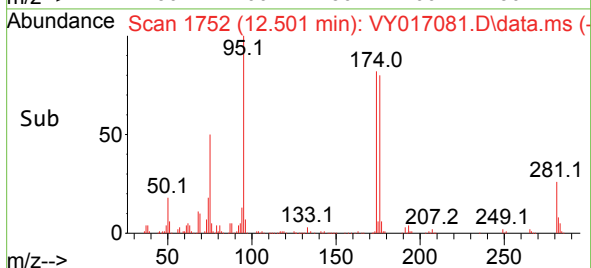
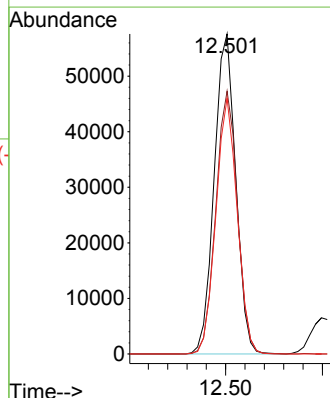
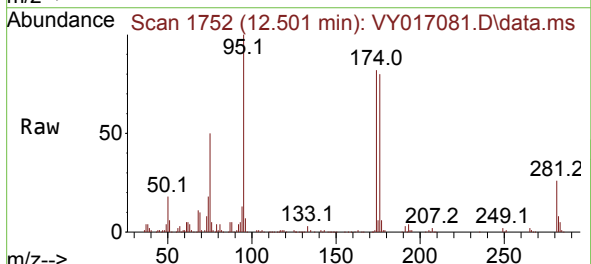
Tgt Ion: 95 Resp: 88846

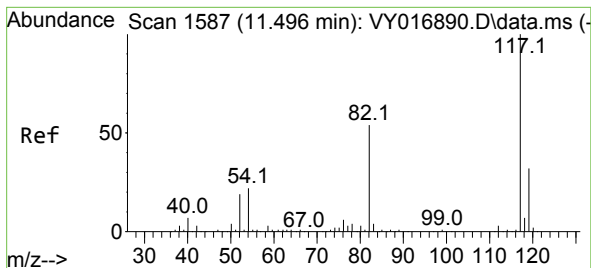
Ion Ratio Lower Upper

95 100

174 82.6 0.0 160.0

176 79.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

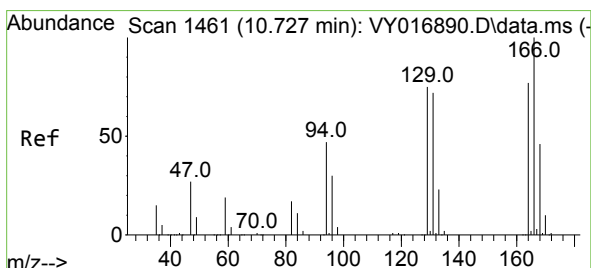
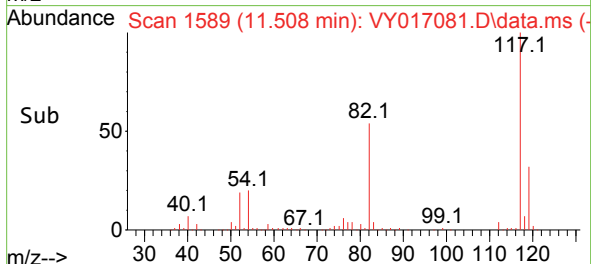
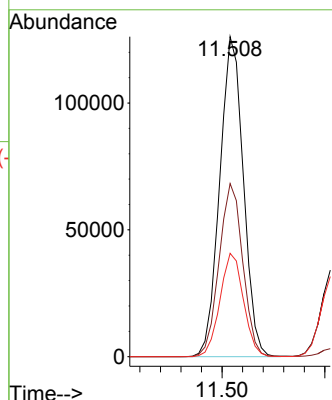
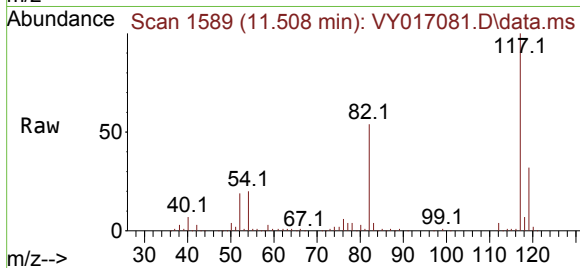
Tgt Ion:117 Resp: 201439

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

119 32.3 26.5 39.7



#64

Tetrachloroethene

Concen: 56.213 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Tgt Ion:164 Resp: 73412

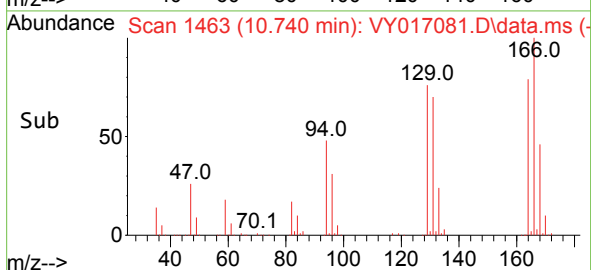
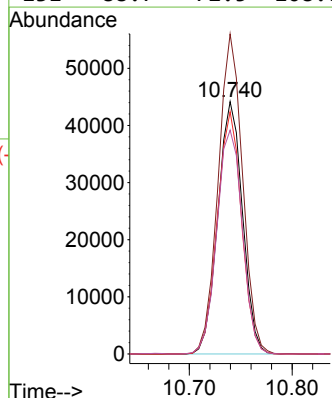
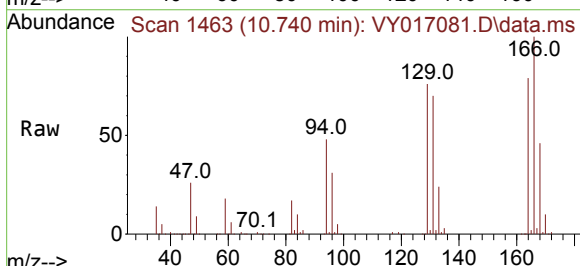
Ion Ratio Lower Upper

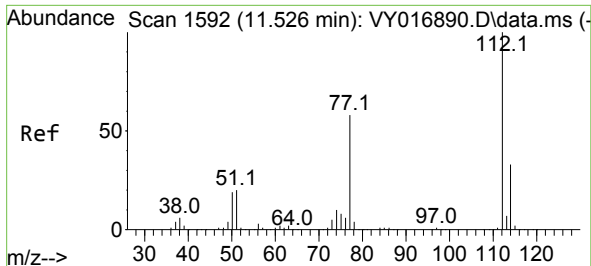
164 100

166 126.9 98.8 148.2

129 96.0 78.9 118.3

131 88.7 72.5 108.7

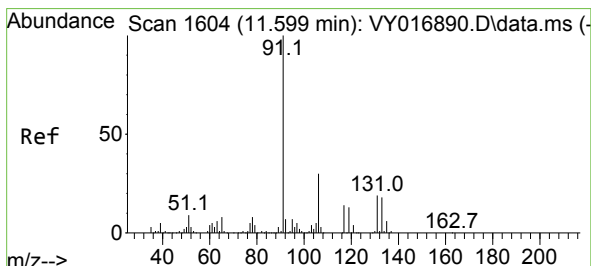
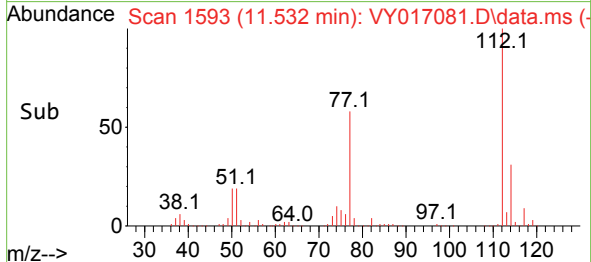
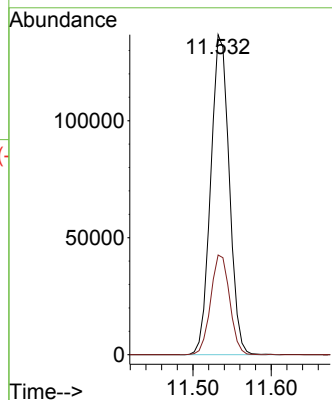
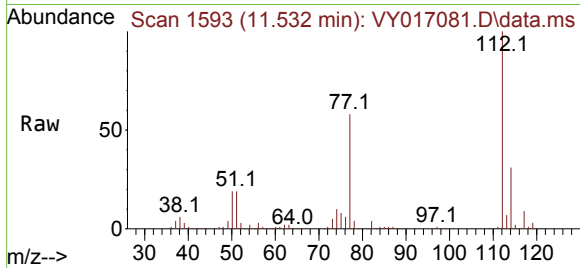




#65
Chlorobenzene
Concen: 53.407 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

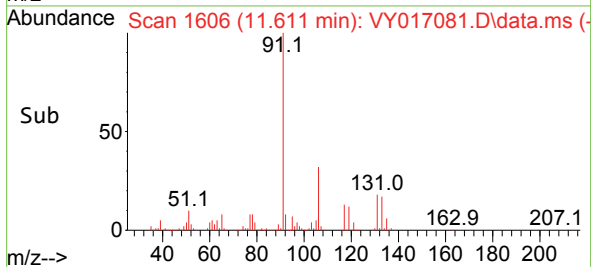
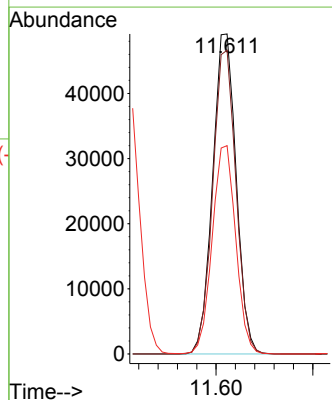
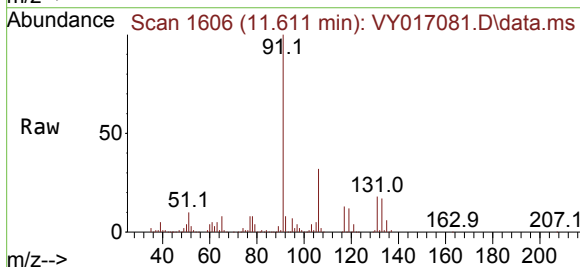
Instrument :
MSVOA_Y
ClientSampleId :

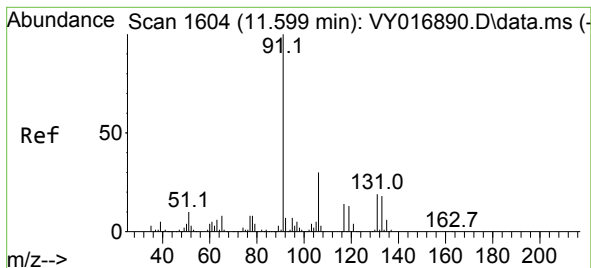
Tgt Ion:112 Resp: 224113
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.997 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion:131 Resp: 82945
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.0
119 65.2 33.3 99.9





#67

Ethyl Benzene

Concen: 54.917 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

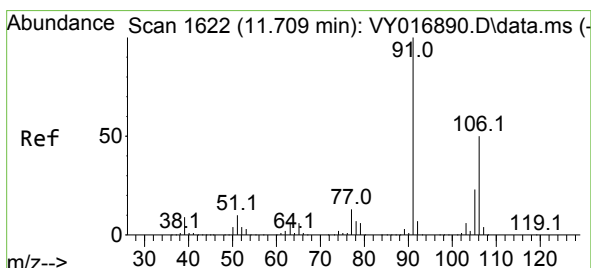
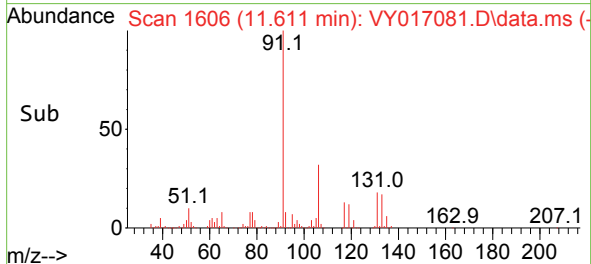
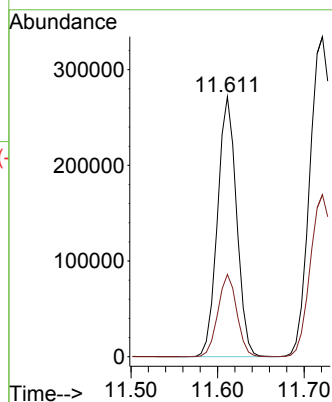
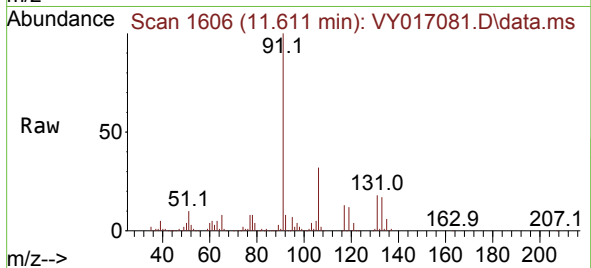
ClientSampleId :

Tgt Ion: 91 Resp: 414891

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 112.734 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017081.D

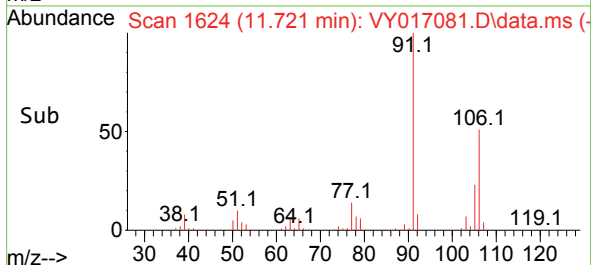
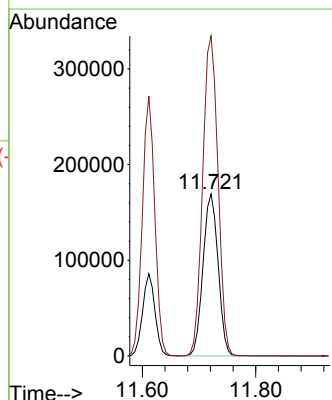
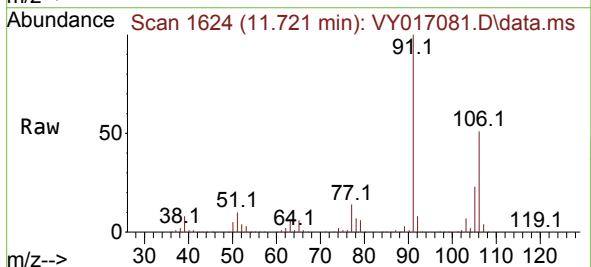
Acq: 22 Jan 2024 18:01

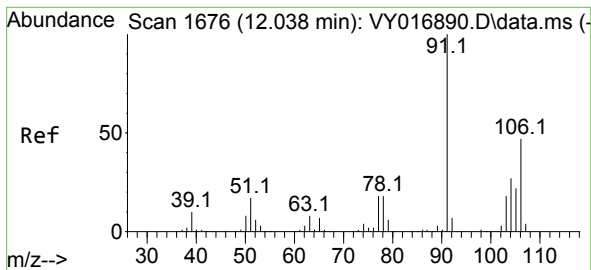
Tgt Ion:106 Resp: 312623

Ion Ratio Lower Upper

106 100

91 200.0 160.7 241.1





#69

o-Xylene

Concen: 55.246 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

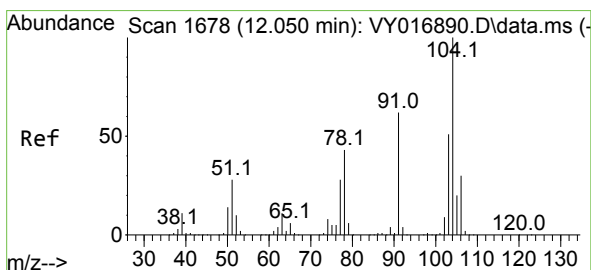
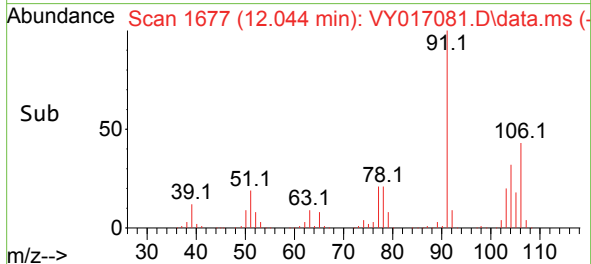
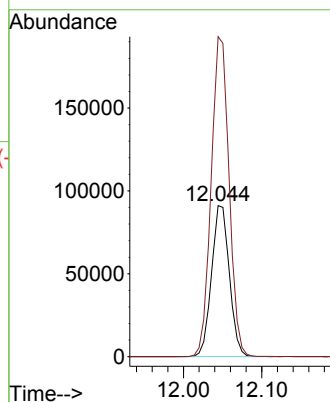
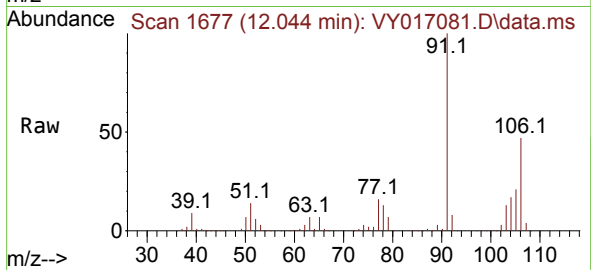
ClientSampleId :

Tgt Ion:106 Resp: 143623

Ion Ratio Lower Upper

106 100

91 213.3 106.5 319.5



#70

Styrene

Concen: 56.844 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

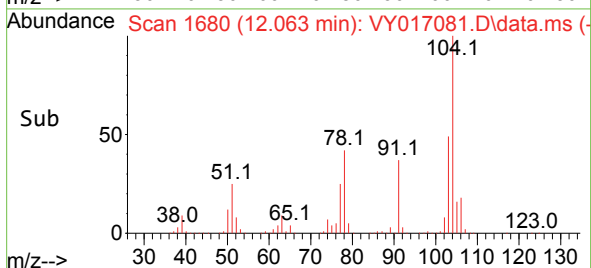
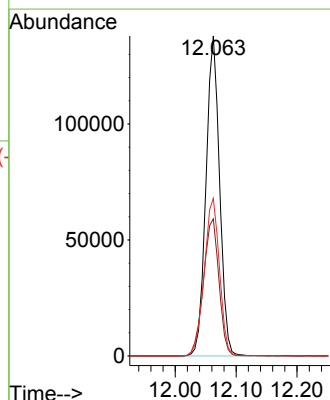
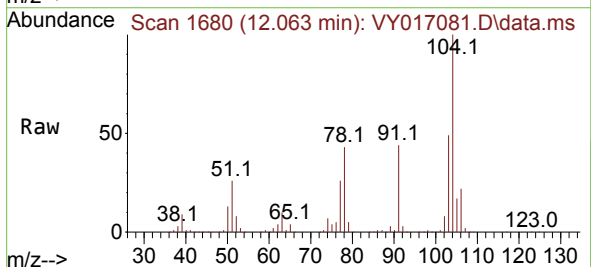
Tgt Ion:104 Resp: 215079

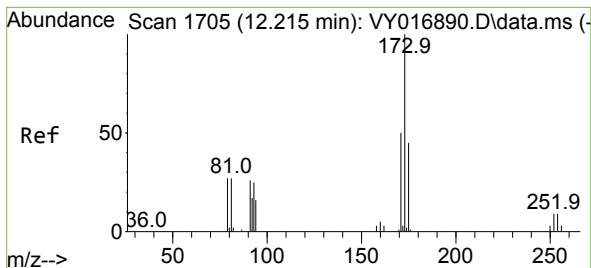
Ion Ratio Lower Upper

104 100

78 48.8 39.2 58.8

103 54.8 43.8 65.6





#71

Bromoform

Concen: 52.831 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

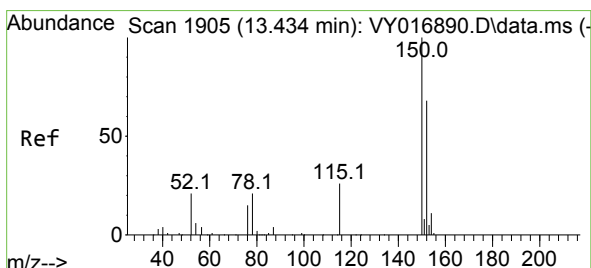
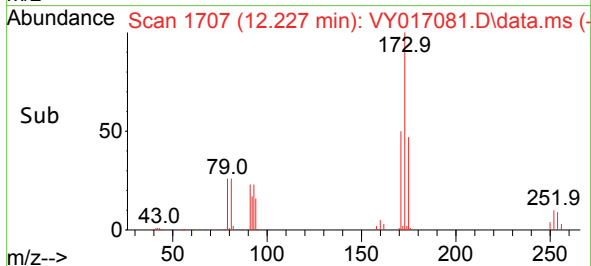
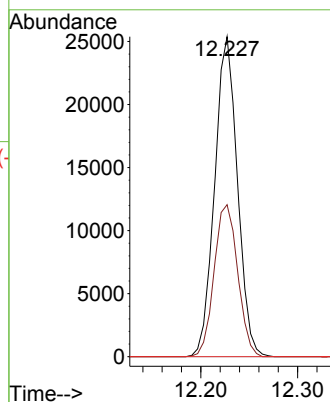
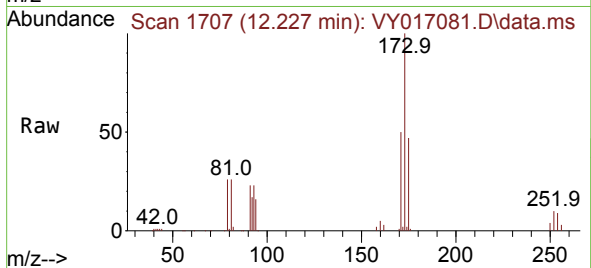
Tgt Ion:173 Resp: 41488

Ion Ratio Lower Upper

173 100

175 49.2 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

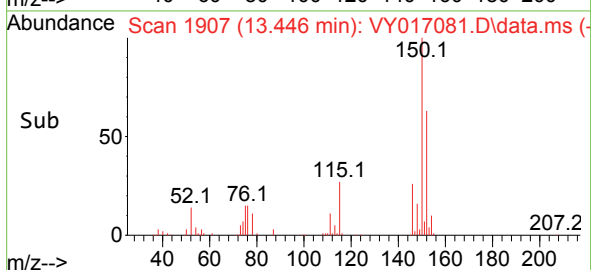
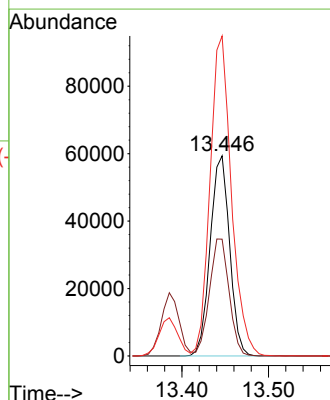
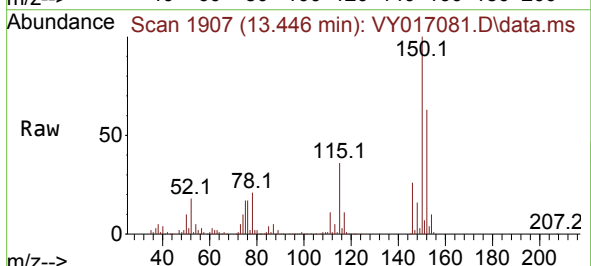
Tgt Ion:152 Resp: 92527

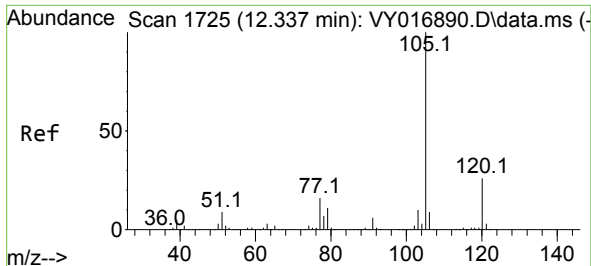
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 175.4 0.0 344.6

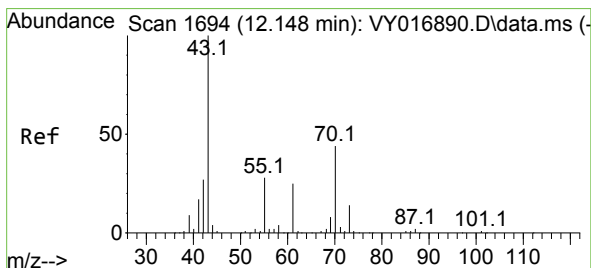
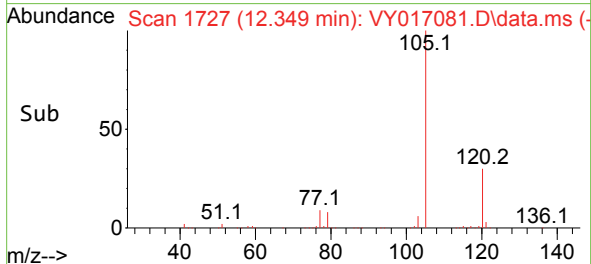
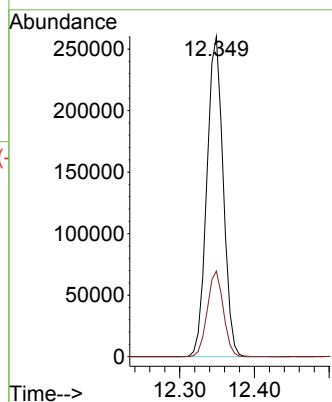
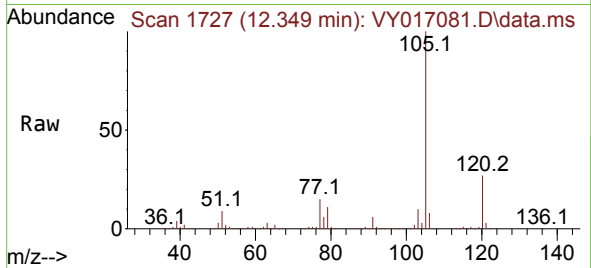




#73
Isopropylbenzene
Concen: 52.051 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

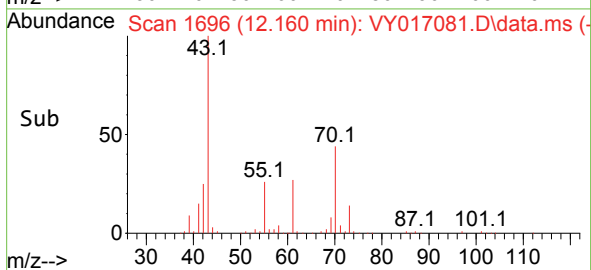
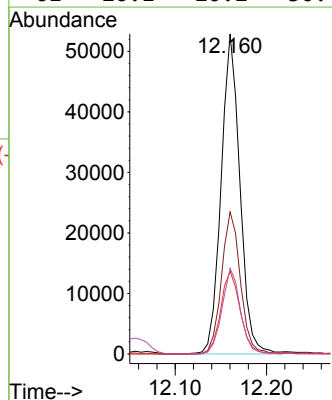
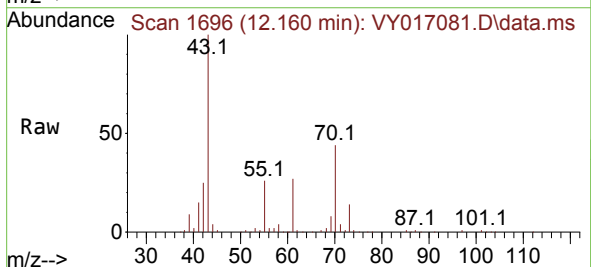
Instrument :
MSVOA_Y
ClientSampleId :

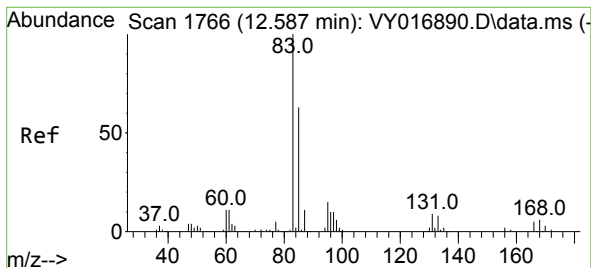
Tgt Ion:105 Resp: 393286
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 49.820 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 43 Resp: 75630
Ion Ratio Lower Upper
43 100
70 45.0 36.6 55.0
55 27.1 22.2 33.4
61 26.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.609 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

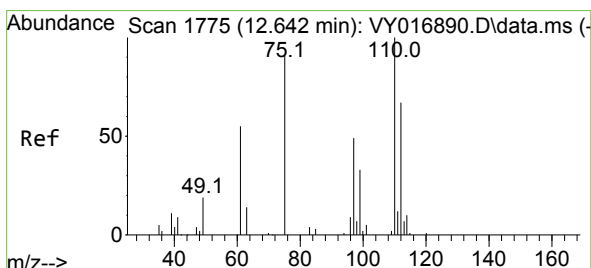
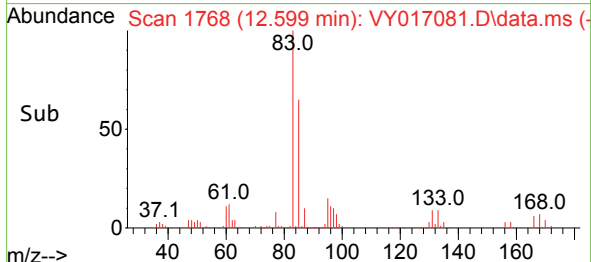
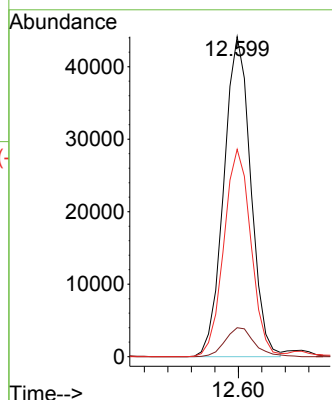
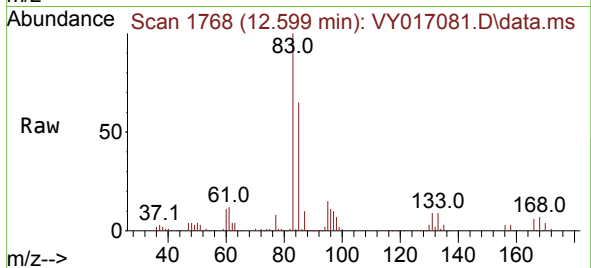
Tgt Ion: 83 Resp: 70216

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

85 65.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 85.488 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017081.D

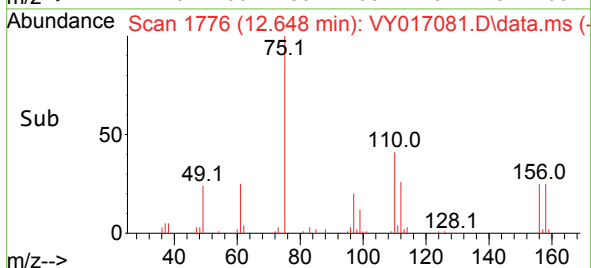
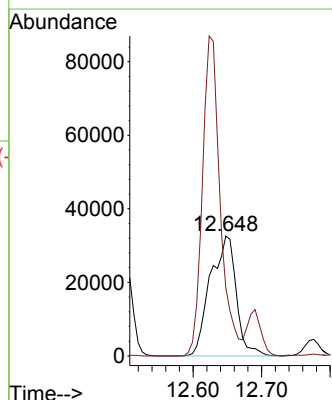
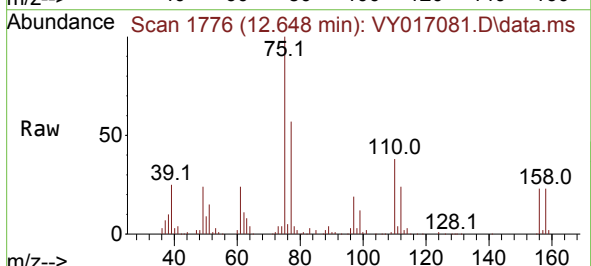
Acq: 22 Jan 2024 18:01

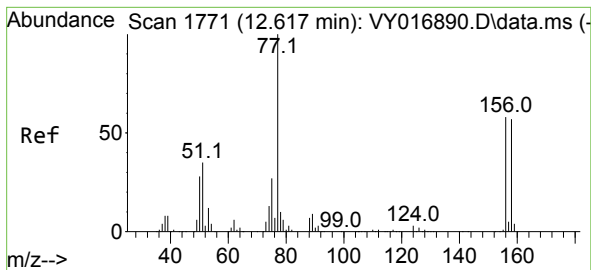
Tgt Ion: 75 Resp: 85837

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.987 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

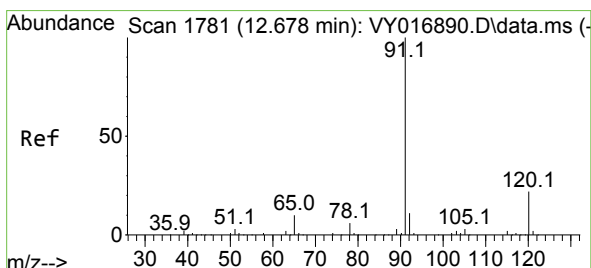
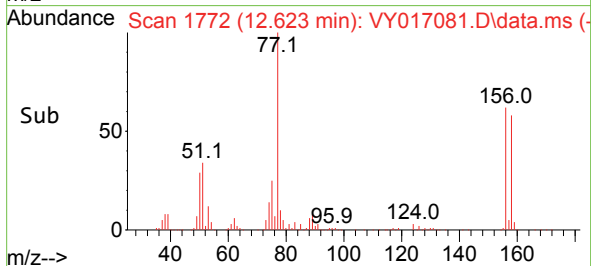
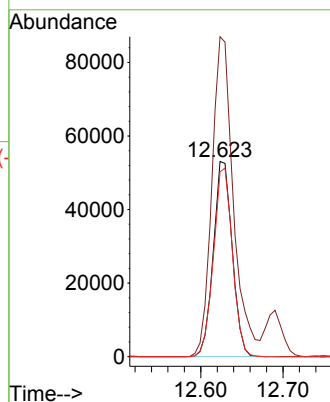
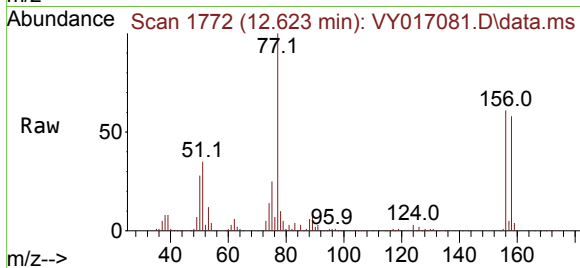
Tgt Ion:156 Resp: 84820

Ion Ratio Lower Upper

156 100

77 186.8 97.3 291.8

158 96.7 48.4 145.0



#78

n-propylbenzene

Concen: 52.005 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY017081.D

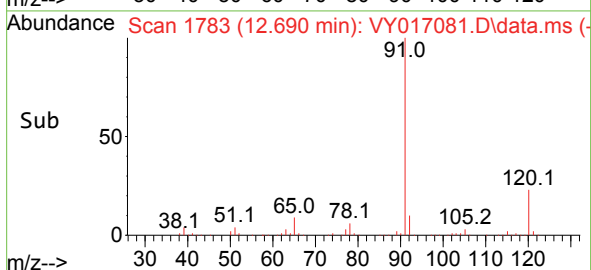
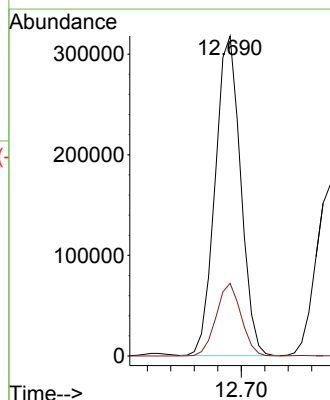
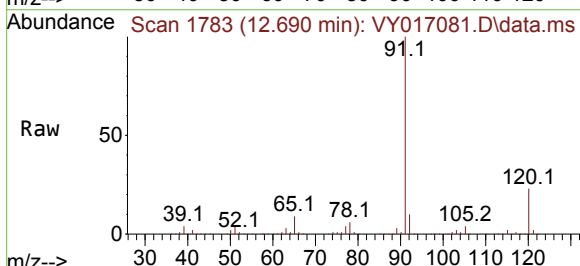
Acq: 22 Jan 2024 18:01

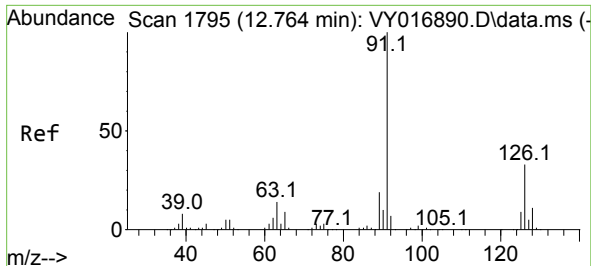
Tgt Ion: 91 Resp: 477699

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0

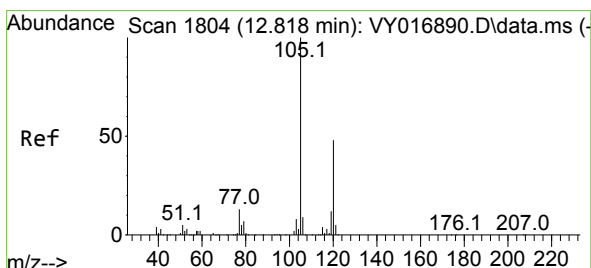
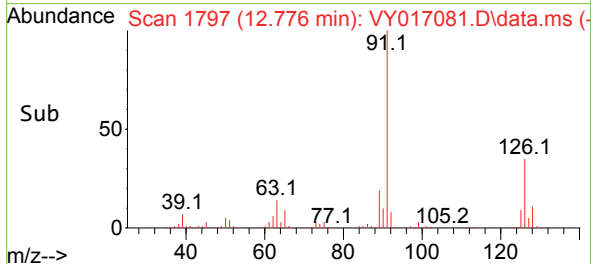
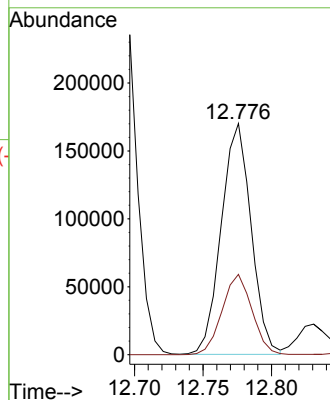
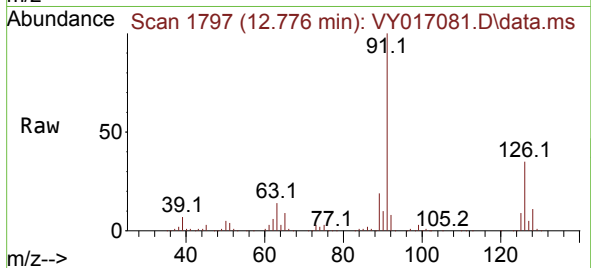




#79
2-Chlorotoluene
Concen: 50.671 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

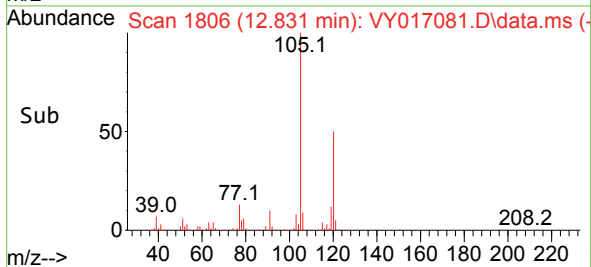
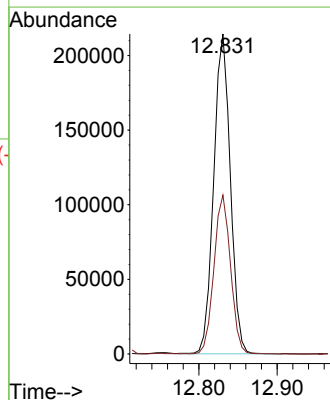
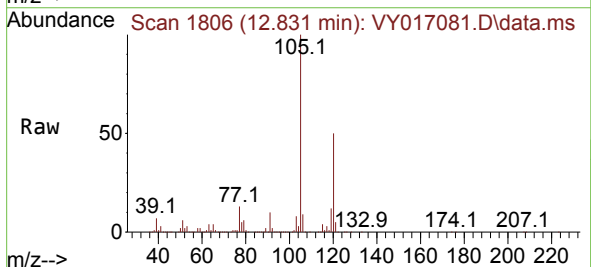
Instrument :
MSVOA_Y
ClientSampleId :

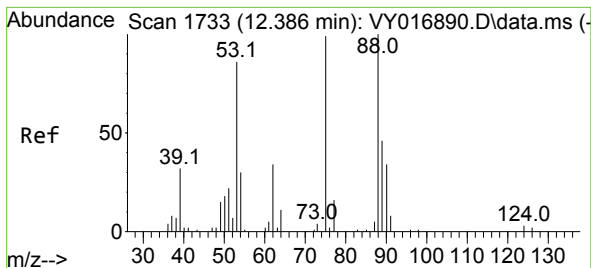
Tgt Ion: 91 Resp: 258100
Ion Ratio Lower Upper
91 100
126 34.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 52.893 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.013 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 105 Resp: 316077
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

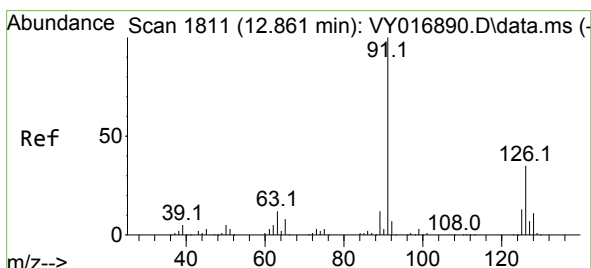
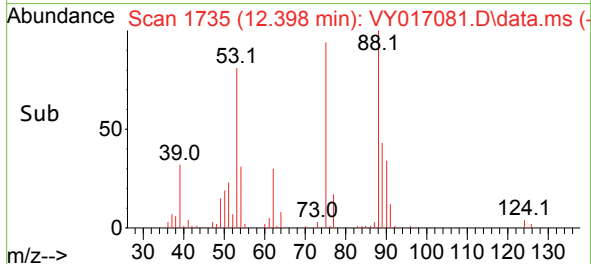
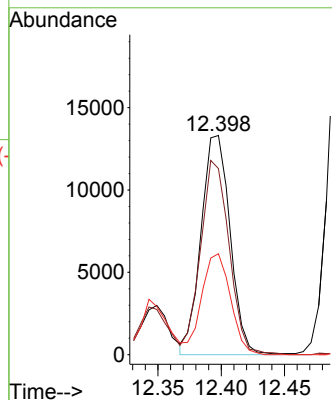
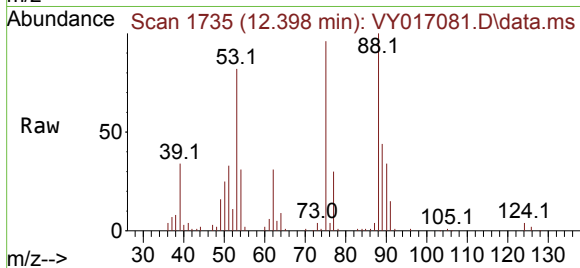




#81
trans-1,4-Dichloro-2-butene
Concen: 48.177 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

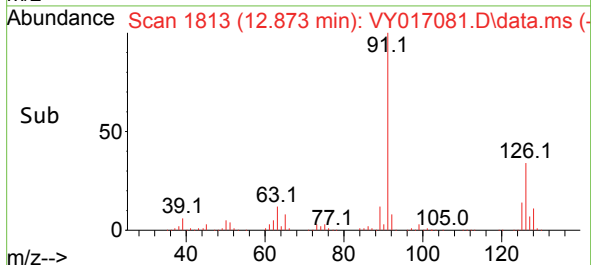
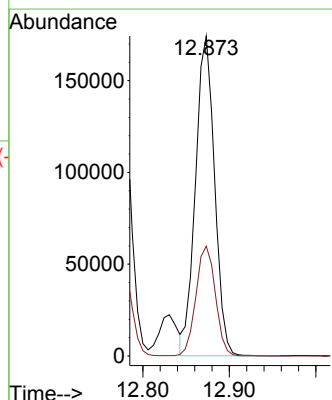
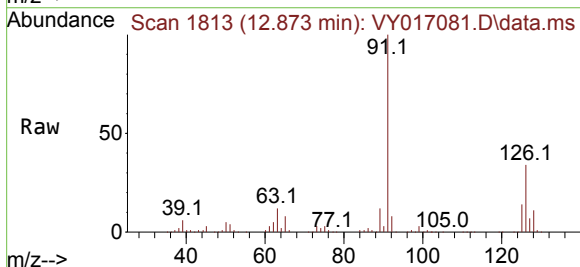
Instrument :
MSVOA_Y
ClientSampleId :

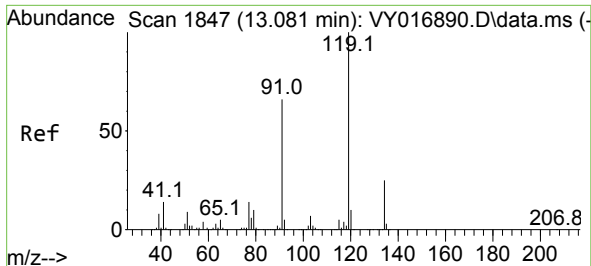
Tgt Ion: 75 Resp: 21303
Ion Ratio Lower Upper
75 100
53 87.3 74.0 111.0
89 46.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 51.202 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

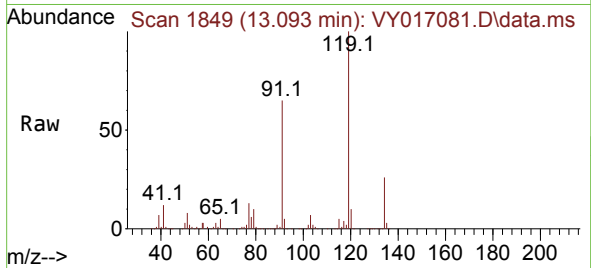
Tgt Ion: 91 Resp: 266447
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2



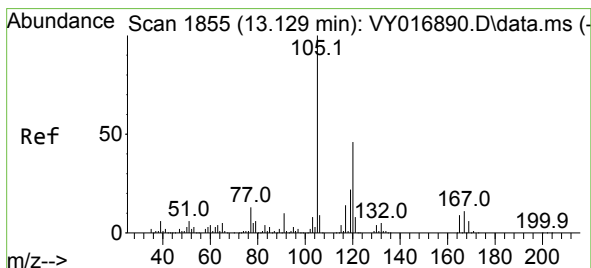
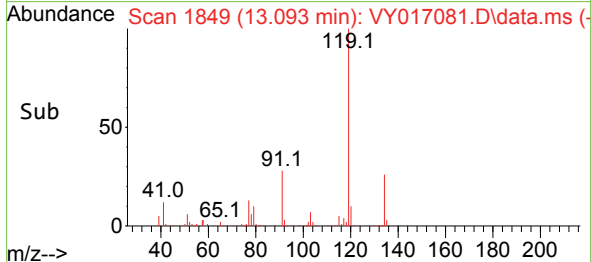
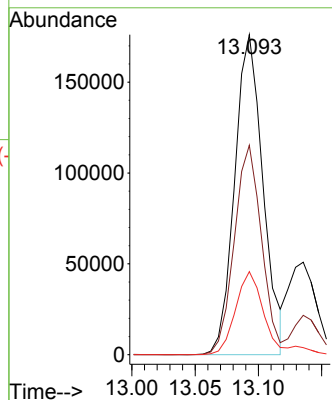


#83
tert-Butylbenzene
Concen: 52.157 ug/l
RT: 13.093 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :

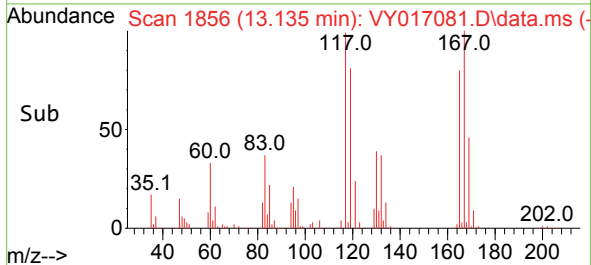
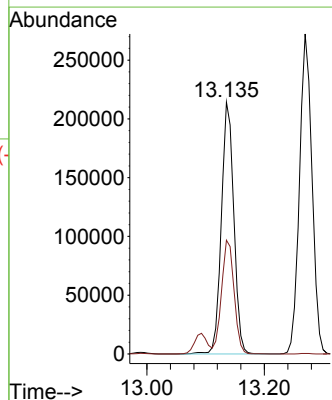
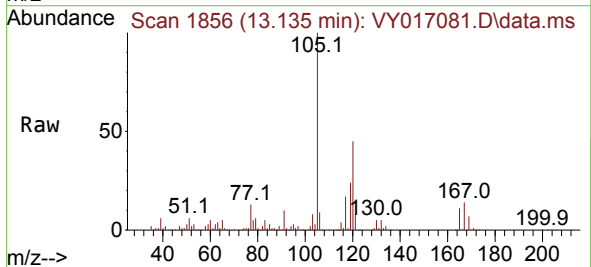


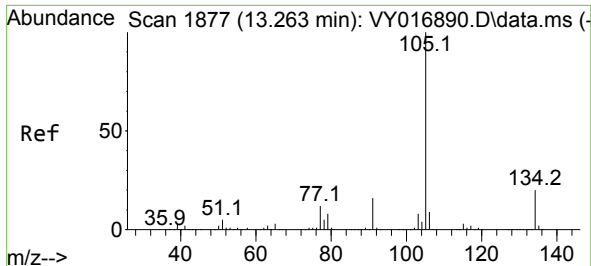
Tgt Ion:119 Resp: 274517
Ion Ratio Lower Upper
119 100
91 63.0 31.5 94.5
134 25.4 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 53.521 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion:105 Resp: 314968
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.3

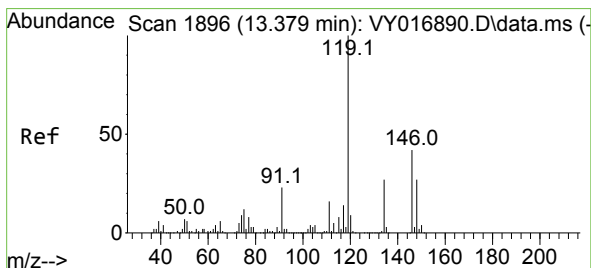
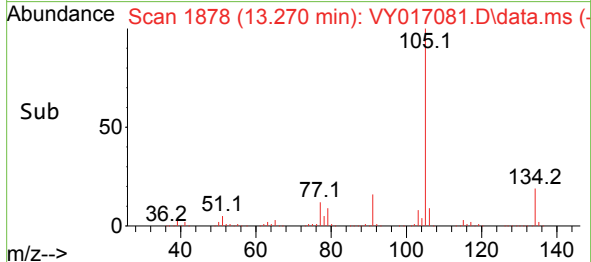
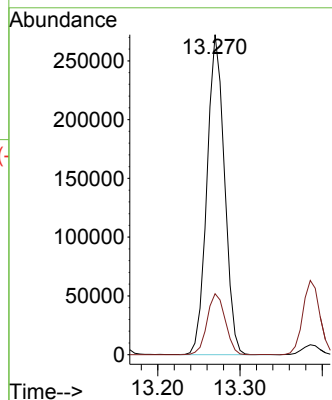
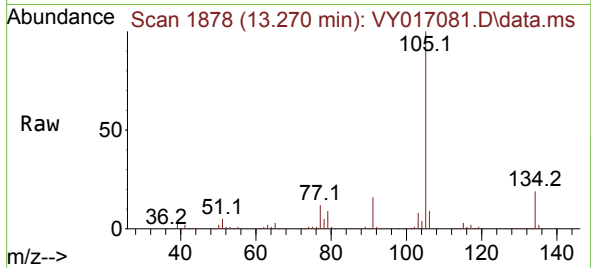




#85
 sec-Butylbenzene
 Concen: 51.569 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY017081.D
 Acq: 22 Jan 2024 18:01

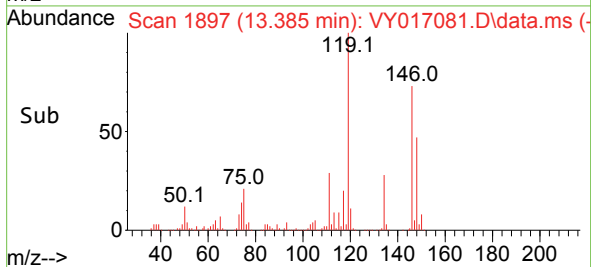
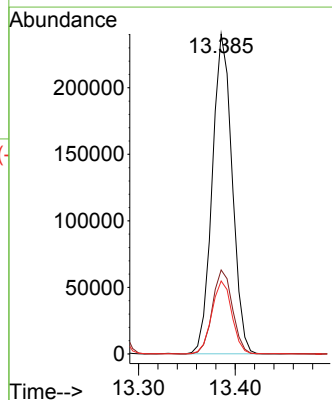
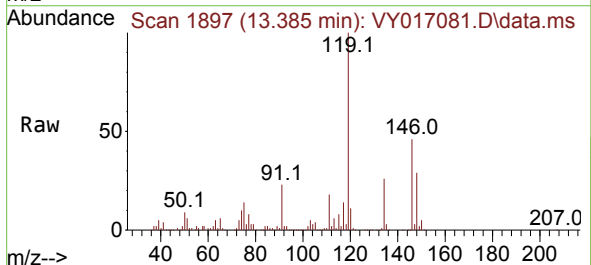
Instrument :
 MSVOA_Y
 ClientSampleId :

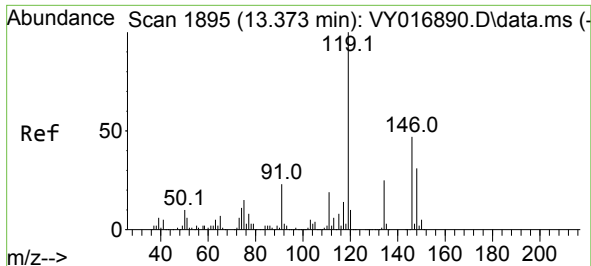
Tgt Ion:105 Resp: 402181
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.245 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY017081.D
 Acq: 22 Jan 2024 18:01

Tgt Ion:119 Resp: 342708
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.0 11.7 35.0

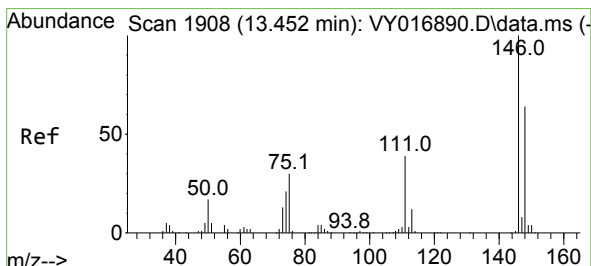
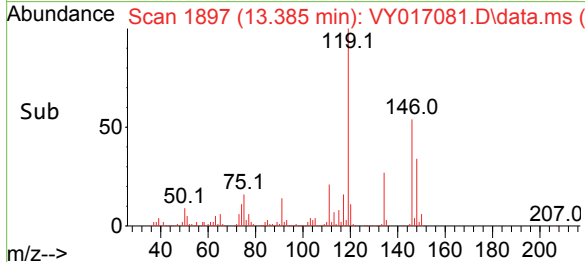
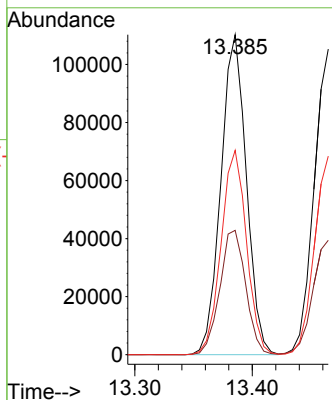
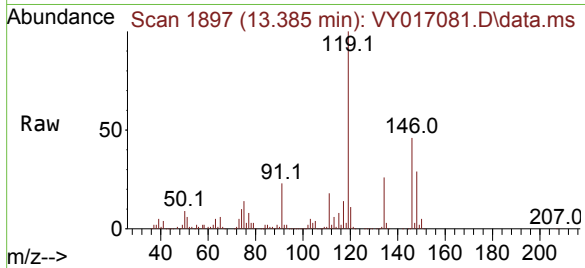




#87
1,3-Dichlorobenzene
Concen: 50.902 ug/l
RT: 13.385 min Scan# 1897
Delta R.T. 0.012 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

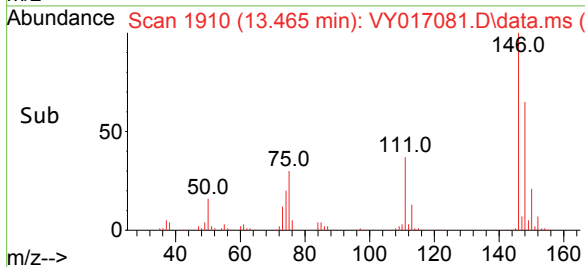
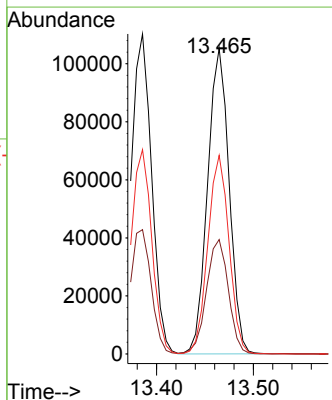
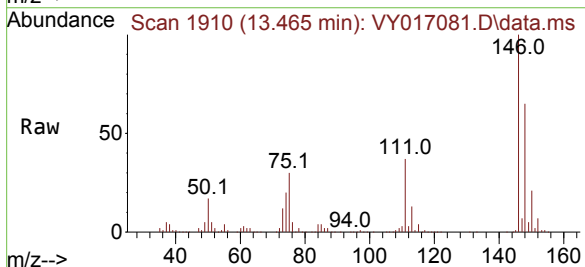
Instrument :
MSVOA_Y
ClientSampleId :

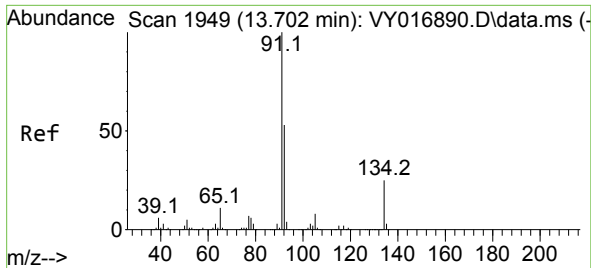
Tgt Ion:146 Resp: 166073
Ion Ratio Lower Upper
146 100
111 39.6 20.2 60.5
148 63.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 51.019 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. 0.013 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion:146 Resp: 162806
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.9
148 64.0 31.6 94.7

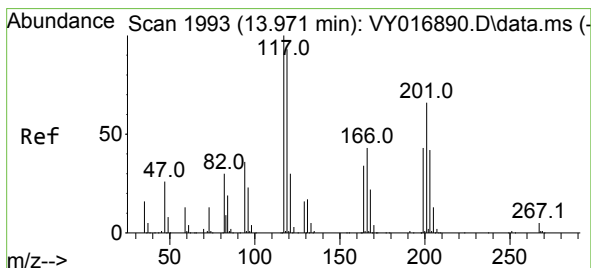
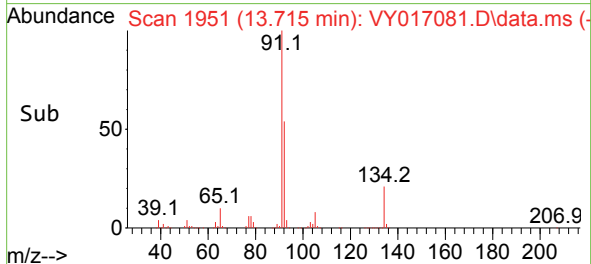
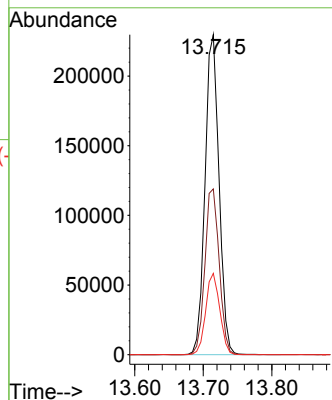
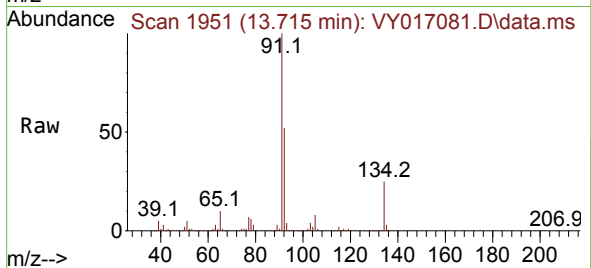




#89
n-Butylbenzene
Concen: 52.832 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.013 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

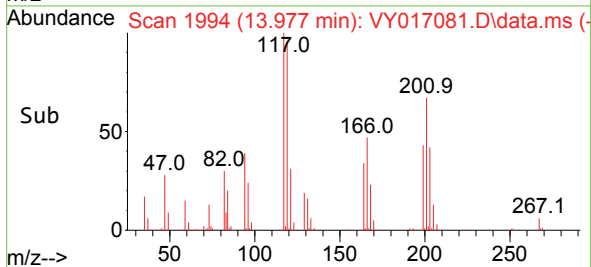
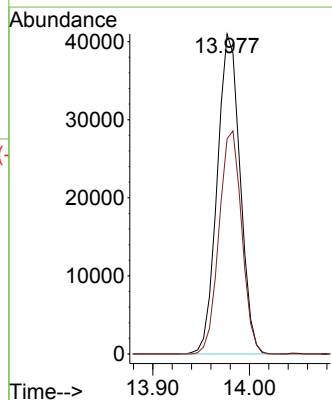
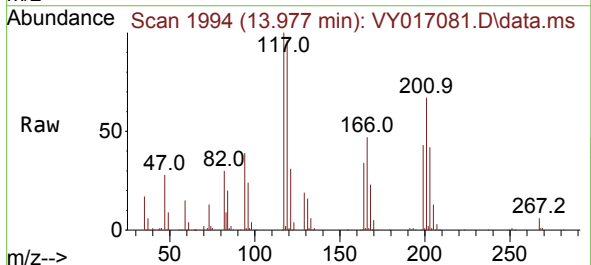
Instrument :
MSVOA_Y
ClientSampleId :

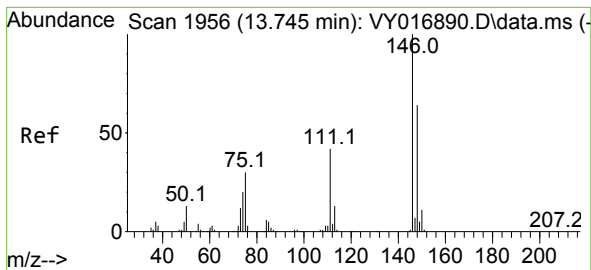
Tgt Ion: 91 Resp: 326949
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 25.5 12.3 36.8



#90
Hexachloroethane
Concen: 48.597 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion: 117 Resp: 67213
Ion Ratio Lower Upper
117 100
201 69.2 33.4 100.1

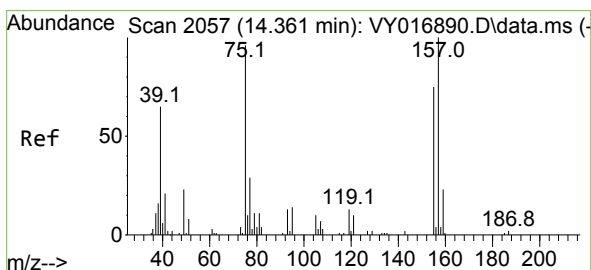
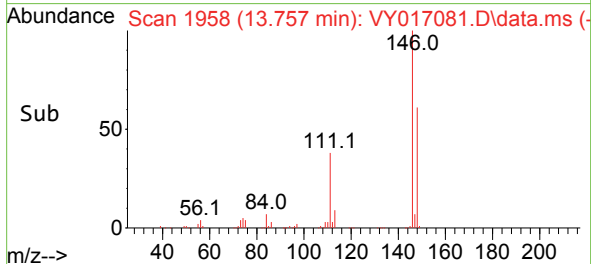
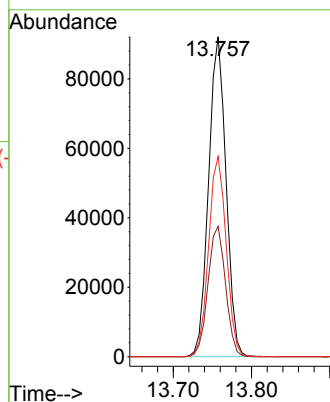
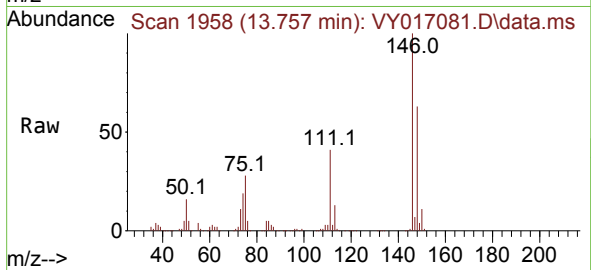




#91
1,2-Dichlorobenzene
Concen: 50.448 ug/l
RT: 13.757 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

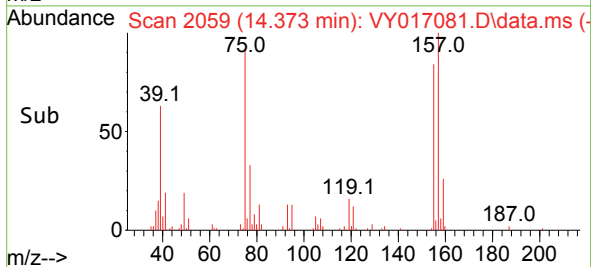
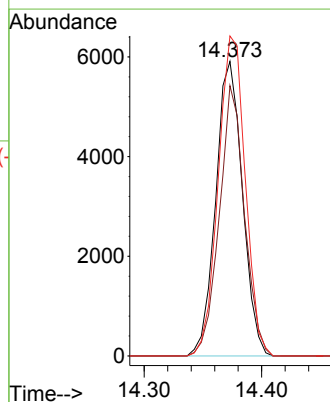
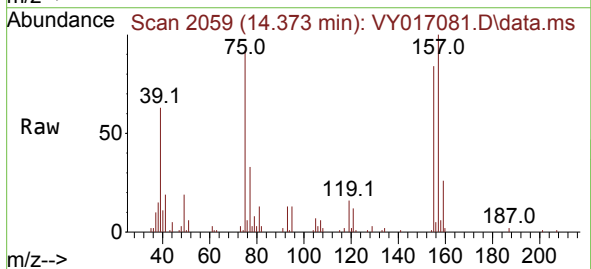
Instrument :
MSVOA_Y
ClientSampleId :

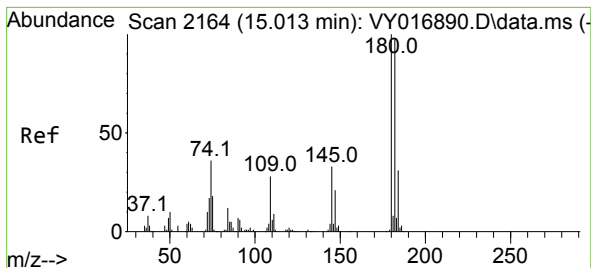
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	63.3	31.4	94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.271 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY017081.D
Acq: 22 Jan 2024 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	42.1	126.3
157	110.2	55.8	167.4





#93

1,2,4-Trichlorobenzene

Concen: 56.197 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

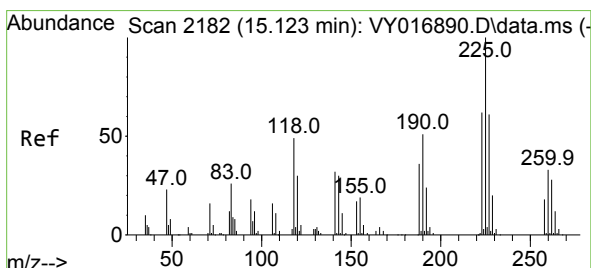
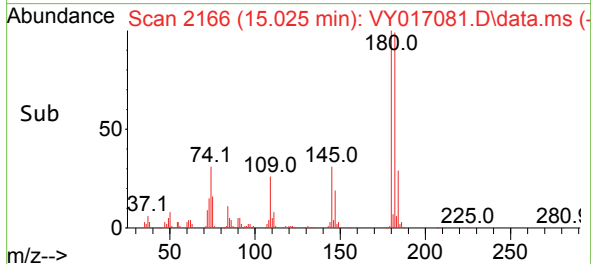
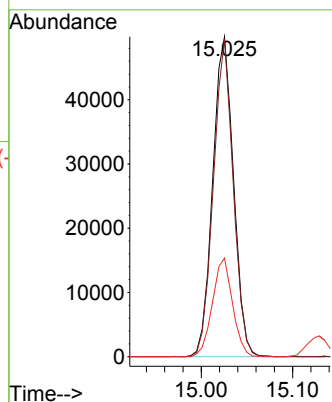
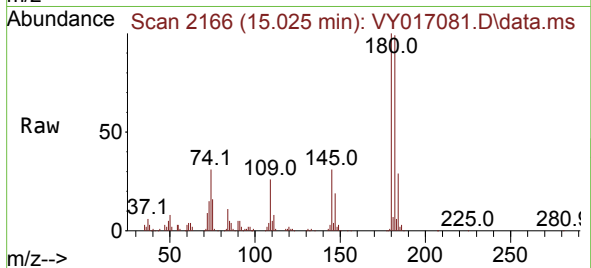
Tgt Ion:180 Resp: 78682

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 29.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 52.671 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

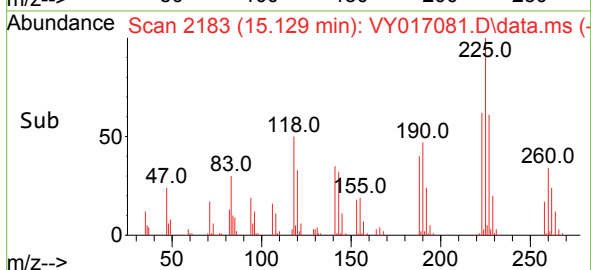
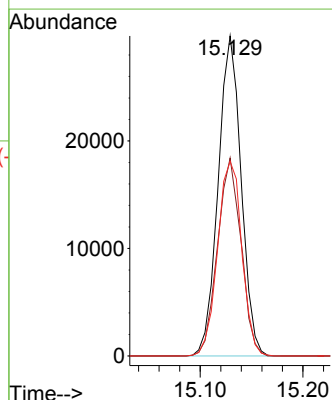
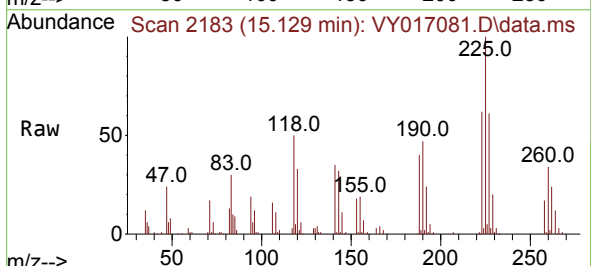
Tgt Ion:225 Resp: 46198

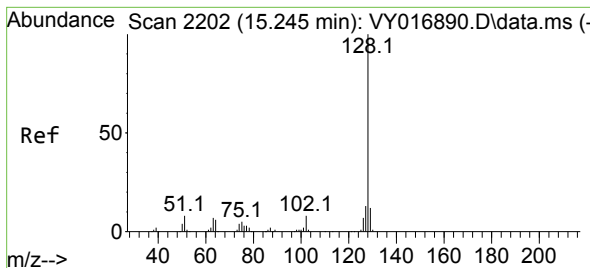
Ion Ratio Lower Upper

225 100

223 63.1 31.4 94.3

227 64.1 32.3 96.8





#95

Naphthalene

Concen: 56.097 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017081.D

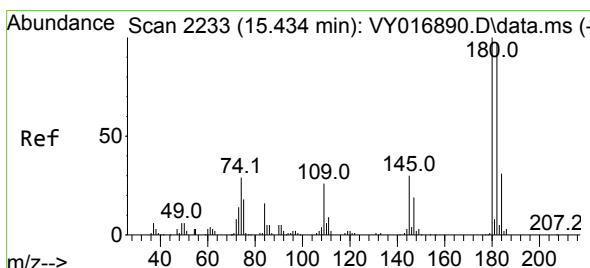
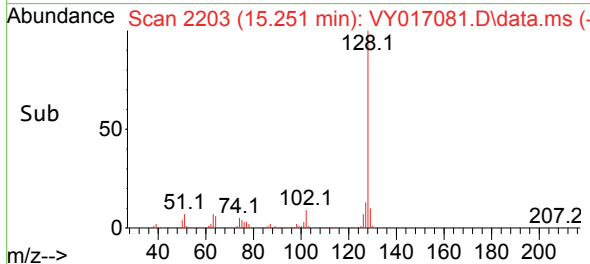
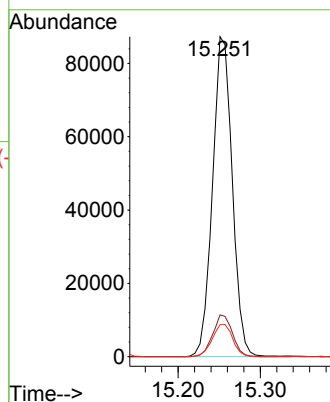
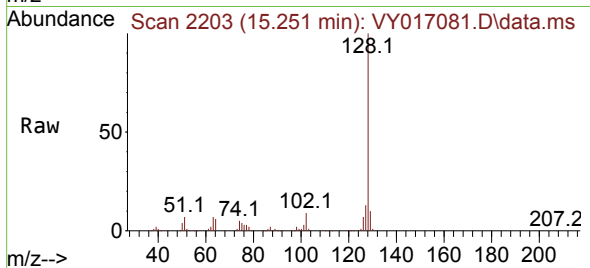
Acq: 22 Jan 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 145336
Ion Ratio	Lower Upper
128	100
127	13.1 10.2 15.4
129	10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 54.491 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017081.D

Acq: 22 Jan 2024 18:01

Tgt Ion:180	Resp: 64781
Ion Ratio	Lower Upper
180	100
182	94.4 46.3 138.8
145	31.8 16.1 48.2

