

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016961.D
 Acq On : 09 Jan 2024 20:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:33:02 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	7.807	168	107718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	187768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	165024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	74404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61953	58.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.380%	
35) Dibromofluoromethane	7.740	113	64532	53.933	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.860%	
50) Toluene-d8	10.197	98	223572	54.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.495	95	76101	54.744	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30352	36.368	ug/l	97
3) Chloromethane	2.125	50	56303	44.495	ug/l	97
4) Vinyl Chloride	2.259	62	68760	46.068	ug/l	99
5) Bromomethane	2.662	94	53567	50.096	ug/l	96
6) Chloroethane	2.808	64	48902	48.434	ug/l	97
7) Trichlorofluoromethane	3.143	101	81327	44.222	ug/l	100
8) Diethyl Ether	3.546	74	30470	51.844	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.918	101	50862	42.535	ug/l	98
10) Methyl Iodide	4.113	142	47681	46.870	ug/l	98
11) Tert butyl alcohol	4.966	59	24354	324.319	ug/l	100
12) 1,1-Dichloroethene	3.893	96	45178	44.034	ug/l	99
13) Acrolein	3.747	56	28052	241.347	ug/l	100
14) Allyl chloride	4.503	41	77764	47.945	ug/l	98
15) Acrylonitrile	5.186	53	77198	280.814	ug/l	99
16) Acetone	3.966	43	71268	273.916	ug/l	99
17) Carbon Disulfide	4.216	76	100028	40.803	ug/l	99
18) Methyl Acetate	4.497	43	72093	63.205	ug/l	99
19) Methyl tert-butyl Ether	5.240	73	151239	56.660	ug/l	99
20) Methylene Chloride	4.741	84	71629	52.656	ug/l	96
21) trans-1,2-Dichloroethene	5.247	96	55910	47.581	ug/l	98
22) Diisopropyl ether	6.143	45	199751	53.270	ug/l	96
23) Vinyl Acetate	6.082	43	449480	261.422	ug/l	100
24) 1,1-Dichloroethane	6.039	63	112612	49.975	ug/l	98
25) 2-Butanone	7.008	43	103896	287.418	ug/l	98
26) 2,2-Dichloropropane	7.002	77	93214	47.710	ug/l	99
27) cis-1,2-Dichloroethene	7.008	96	70379	51.094	ug/l	98
28) Bromochloromethane	7.356	49	51477	60.851	ug/l	100
29) Tetrahydrofuran	7.368	42	63715	295.689	ug/l	100
30) Chloroform	7.527	83	120382	51.841	ug/l	99
31) Cyclohexane	7.807	56	74840	40.957	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	96398	48.959	ug/l	99
36) 1,1-Dichloropropene	7.941	75	77804	44.618	ug/l	100
37) Ethyl Acetate	7.094	43	43101	54.390	ug/l	100
38) Carbon Tetrachloride	7.923	117	81242	45.857	ug/l	98
39) Methylcyclohexane	9.203	83	80469	41.049	ug/l	98
40) Benzene	8.179	78	250534	47.895	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	24898	59.657	ug/l	94
42) 1,2-Dichloroethane	8.258	62	71912	51.784	ug/l	100
43) Isopropyl Acetate	8.289	43	84051	55.388	ug/l	99
44) Trichloroethene	8.959	130	62389	46.872	ug/l	94
45) 1,2-Dichloropropane	9.234	63	66797	49.567	ug/l	100
46) Dibromomethane	9.319	93	36263	52.762	ug/l	98
47) Bromodichloromethane	9.514	83	93532	50.679	ug/l	98
48) Methyl methacrylate	9.307	41	45303	55.318	ug/l	94
49) 1,4-Dioxane	9.319	88	8491	1193.170	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	235946	292.361	ug/l	99
52) Toluene	10.258	92	154733	49.014	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	84919	51.368	ug/l	94
54) cis-1,3-Dichloropropene	9.941	75	99647	50.192	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	52905	52.690	ug/l	97
56) Ethyl methacrylate	10.520	69	48947	57.554	ug/l	99
57) 1,3-Dichloropropane	10.807	76	87434	52.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	149953	278.097	ug/l	99
59) 2-Hexanone	10.843	43	164457	276.749	ug/l	100
60) Dibromochloromethane	11.002	129	60704	52.425	ug/l	99
61) 1,2-Dibromoethane	11.099	107	47118	54.011	ug/l	98
64) Tetrachloroethene	10.733	164	49489	46.257	ug/l	96
65) Chlorobenzene	11.532	112	165204	48.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	65067	49.790	ug/l	98
67) Ethyl Benzene	11.605	91	298466	48.224	ug/l	99
68) m/p-Xylenes	11.715	106	220263	96.956	ug/l	99
69) o-Xylene	12.044	106	104510	49.072	ug/l	98
70) Styrene	12.056	104	157236	50.727	ug/l	99
71) Bromoform	12.221	173	34266	53.263	ug/l #	98
73) Isopropylbenzene	12.343	105	280807	46.217	ug/l	100
74) N-amyl acetate	12.154	43	65791	53.895	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	63138	51.001	ug/l	96
76) 1,2,3-Trichloropropane	12.642	75	74071	91.738	ug/l #	100
77) Bromobenzene	12.623	156	63196	47.241	ug/l	98
78) n-propylbenzene	12.684	91	335796	45.461	ug/l	100
79) 2-Chlorotoluene	12.770	91	190749	46.570	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	225321	46.890	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	17970	50.538	ug/l	99
82) 4-Chlorotoluene	12.867	91	196796	47.029	ug/l	100
83) tert-Butylbenzene	13.087	119	194657	45.992	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	227477	48.069	ug/l	99
85) sec-Butylbenzene	13.263	105	280917	44.794	ug/l	100
86) p-Isopropyltoluene	13.379	119	236791	45.750	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	122149	46.558	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	119039	46.390	ug/l	99
89) n-Butylbenzene	13.708	91	219675	44.144	ug/l	100
90) Hexachloroethane	13.971	117	48610	43.707	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	107584	47.451	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7956	51.249	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	52615	46.733	ug/l	98
94) Hexachlorobutadiene	15.123	225	27738	39.328	ug/l	98
95) Naphthalene	15.251	128	109053	52.770	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	44787	46.849	ug/l	98

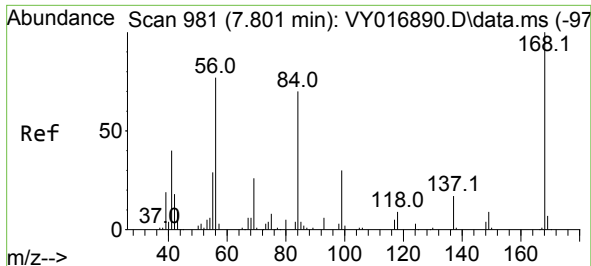
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
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Response via : Initial Calibration

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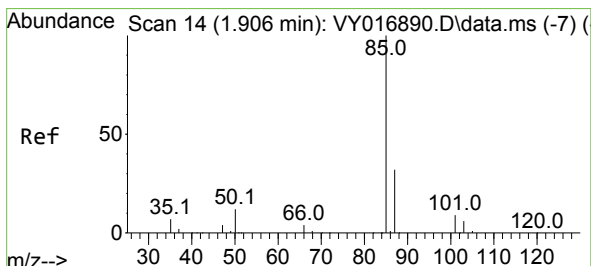
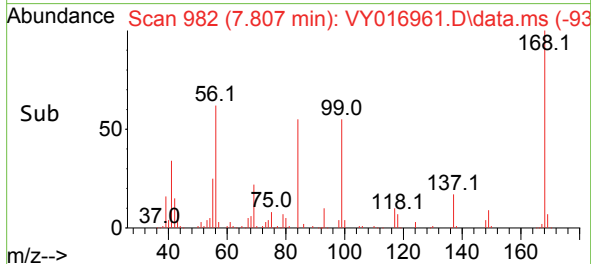
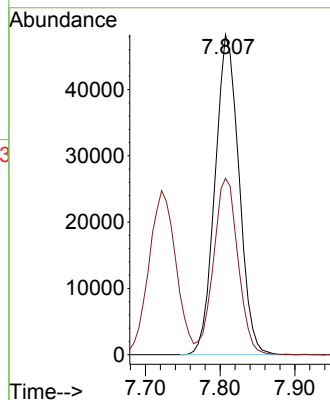
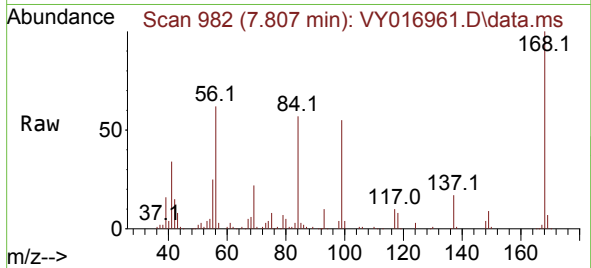
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

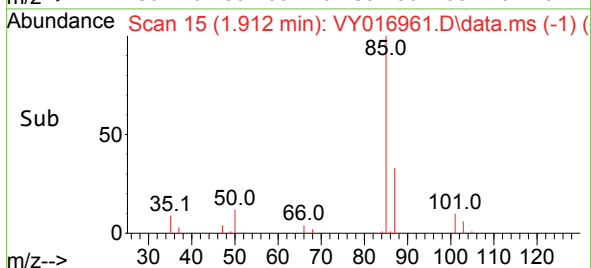
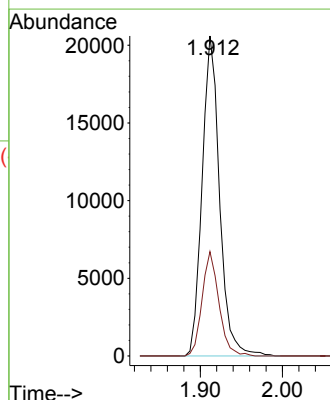
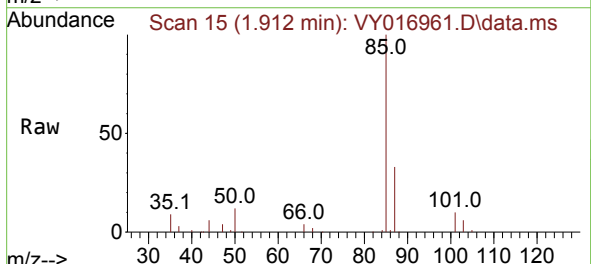
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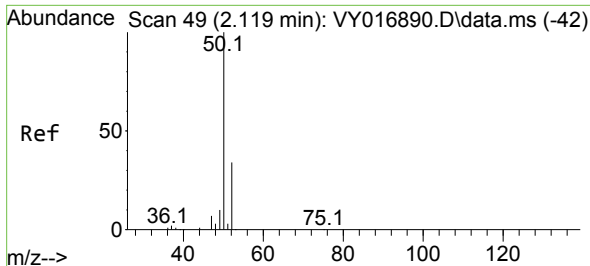
Tgt Ion:168 Resp: 107718
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 36.368 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 85 Resp: 30352
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3

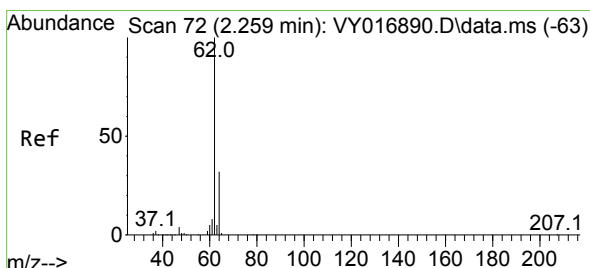
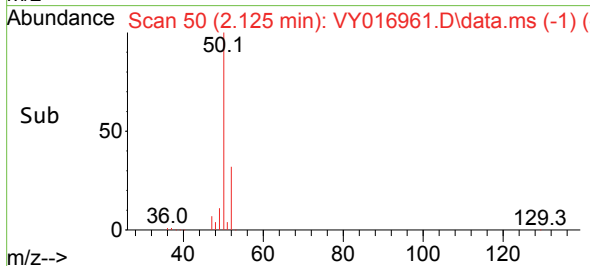
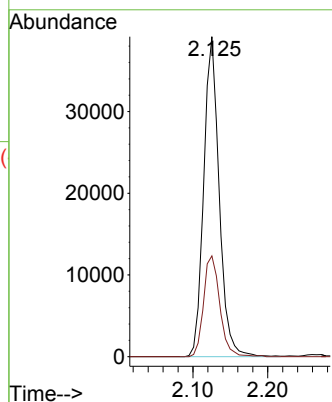
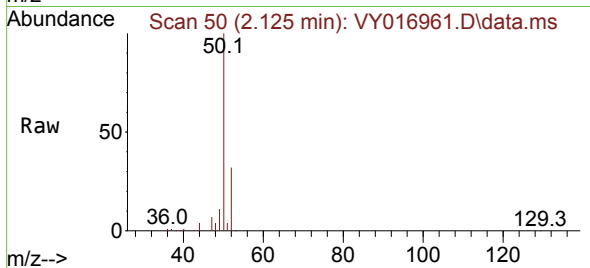




#3
Chloromethane
Concen: 44.495 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

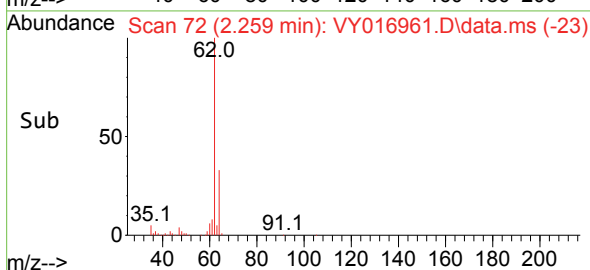
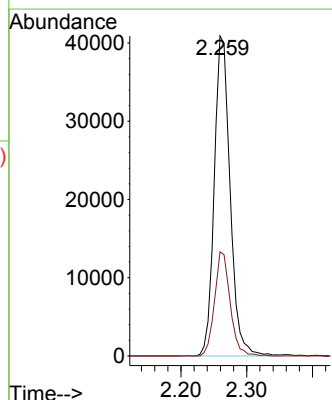
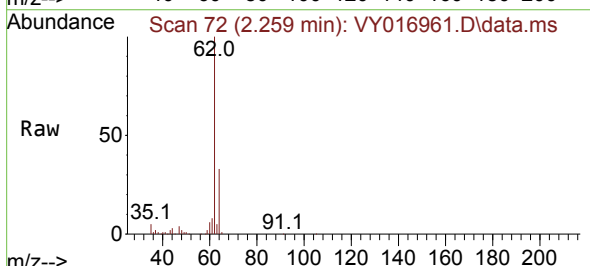
Instrument :
MSVOA_Y
ClientSampleId :

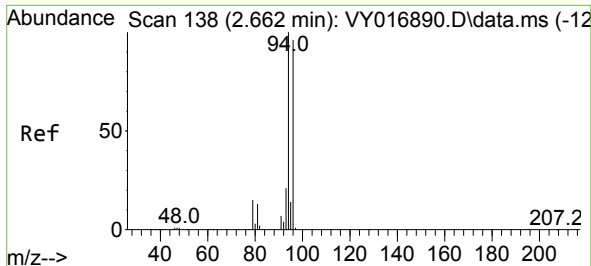
Tgt Ion: 50 Resp: 56303
Ion Ratio Lower Upper
50 100
52 31.5 26.7 40.1



#4
Vinyl Chloride
Concen: 46.068 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

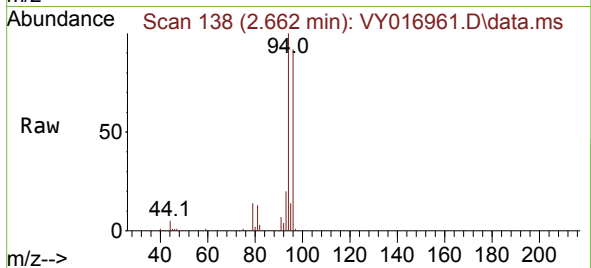
Tgt Ion: 62 Resp: 68760
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5



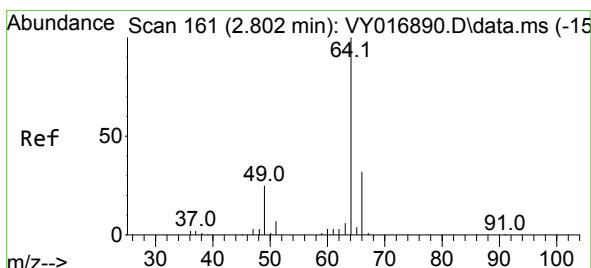
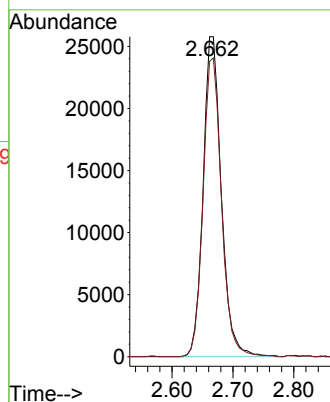
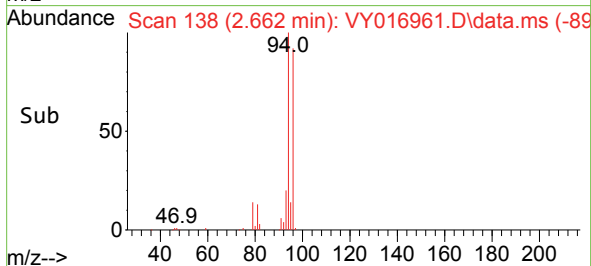


#5
Bromomethane
Concen: 50.096 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Instrument :
MSVOA_Y
ClientSampleId :

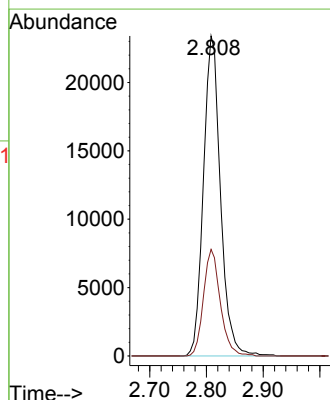
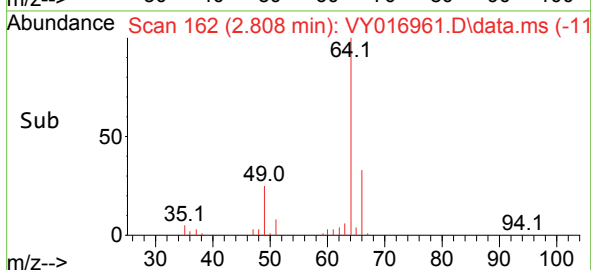
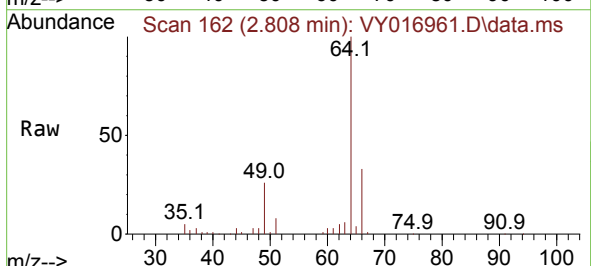


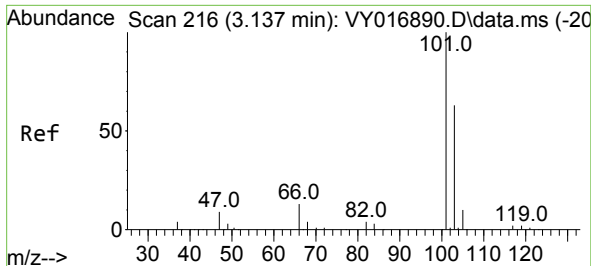
Tgt Ion: 94 Resp: 53567
Ion Ratio Lower Upper
94 100
96 92.4 77.3 115.9



#6
Chloroethane
Concen: 48.434 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 64 Resp: 48902
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7

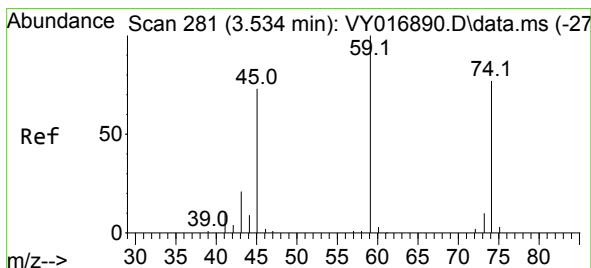
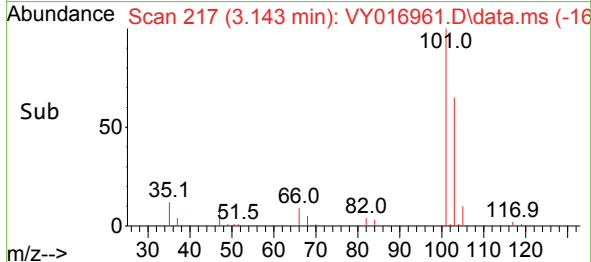
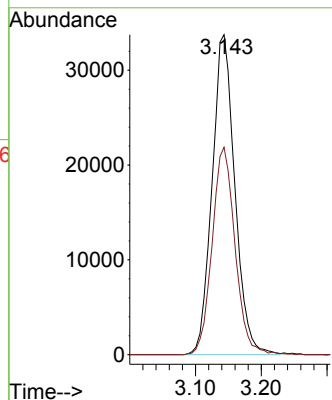
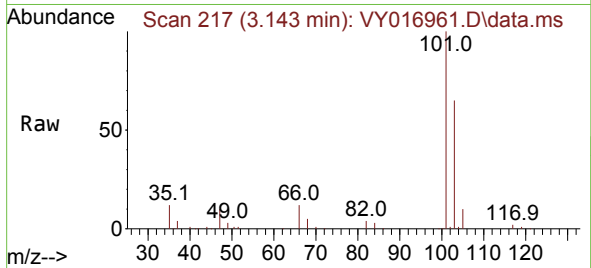




#7
 Trichlorofluoromethane
 Concen: 44.222 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016961.D
 Acq: 09 Jan 2024 20:04

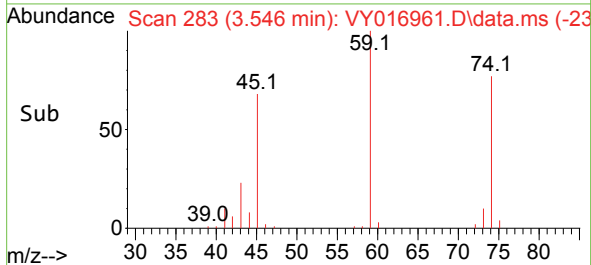
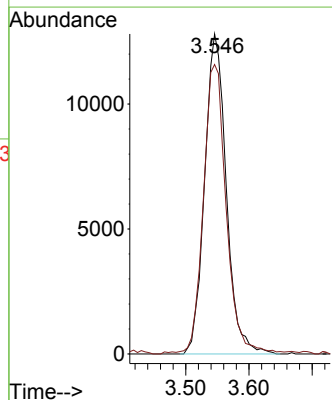
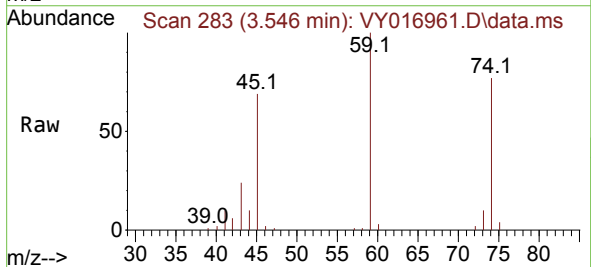
Instrument :
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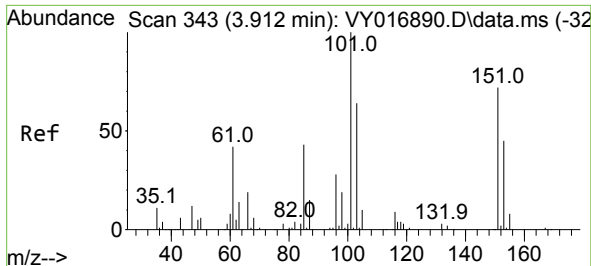
Tgt Ion:101 Resp: 81327
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 51.844 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016961.D
 Acq: 09 Jan 2024 20:04

Tgt Ion: 74 Resp: 30470
 Ion Ratio Lower Upper
 74 100
 45 95.7 47.9 143.7

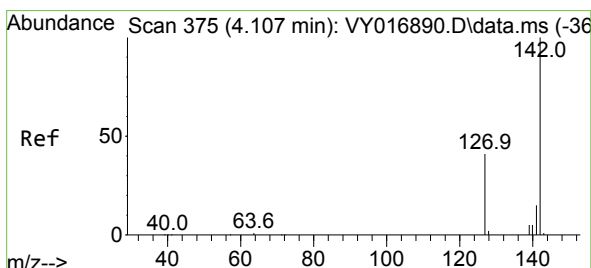
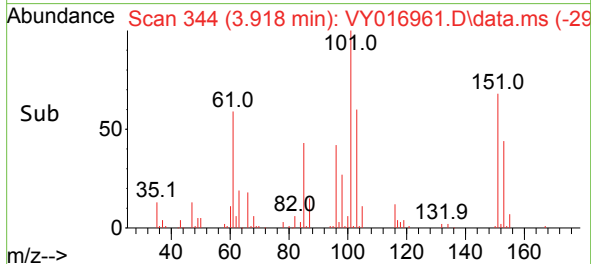
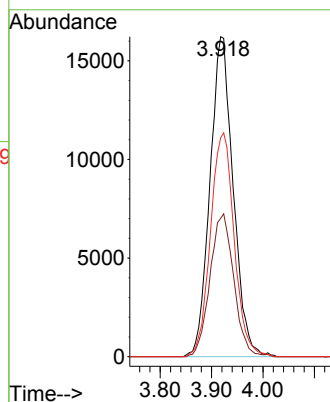
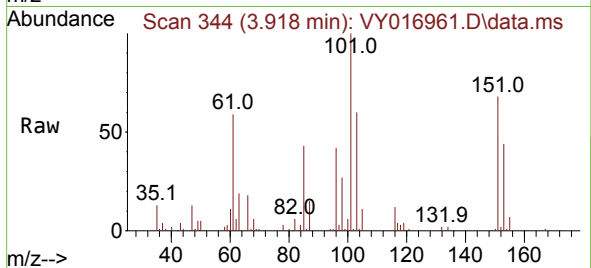




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.535 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.007 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

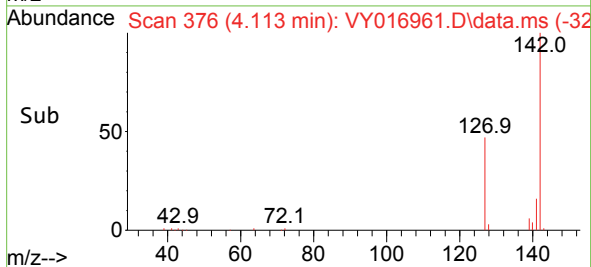
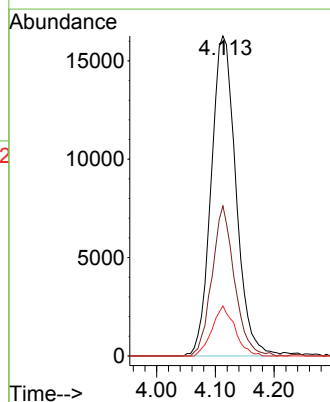
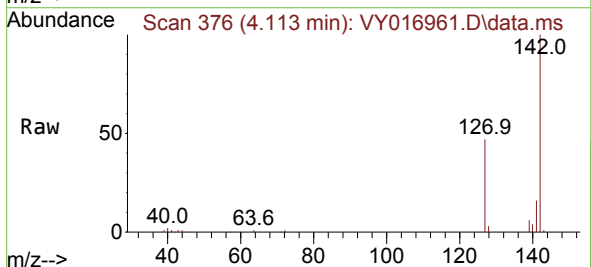
Instrument :
MSVOA_Y
ClientSampleId :

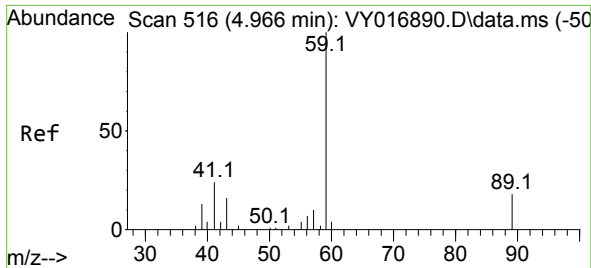
Tgt Ion:101 Resp: 50862
Ion Ratio Lower Upper
101 100
85 45.8 35.8 53.6
151 71.7 58.6 88.0



#10
Methyl Iodide
Concen: 46.870 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion:142 Resp: 47681
Ion Ratio Lower Upper
142 100
127 42.6 35.1 52.7
141 14.4 11.8 17.6

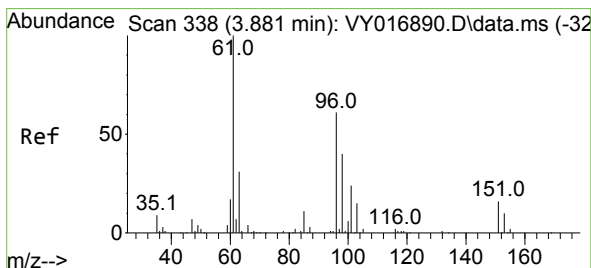
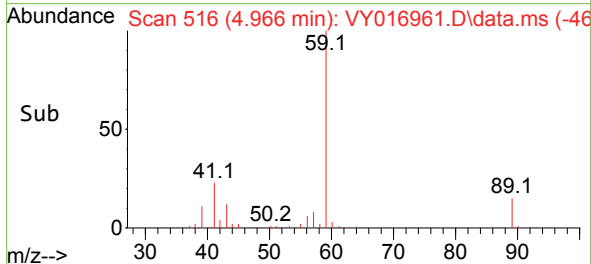
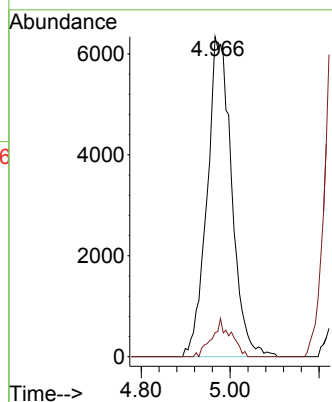
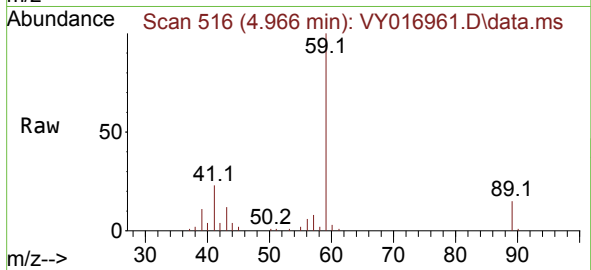




#11
Tert butyl alcohol
Concen: 324.319 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

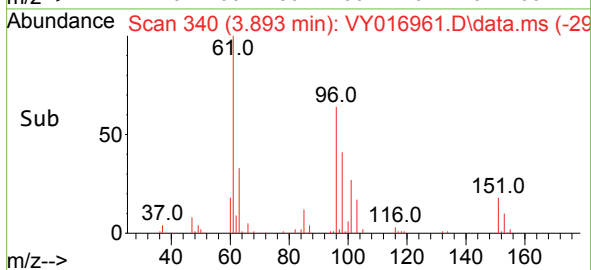
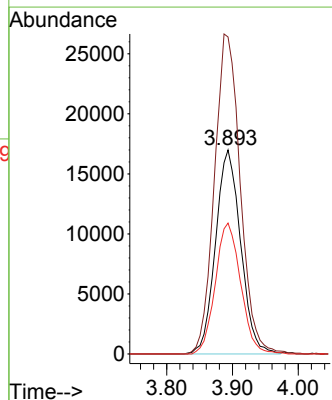
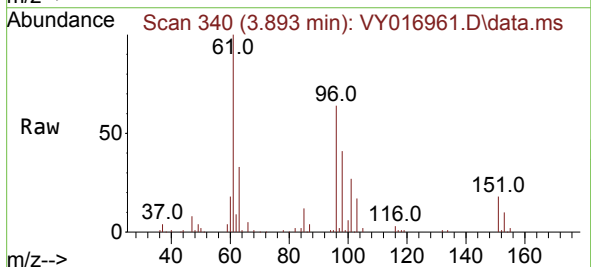
Instrument :
MSVOA_Y
ClientSampleId :

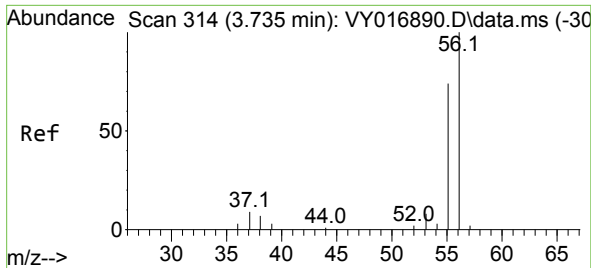
Tgt Ion: 59 Resp: 24354
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 44.034 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 96 Resp: 45178
Ion Ratio Lower Upper
96 100
61 155.4 124.2 186.2
98 64.2 52.6 79.0





#13

Acrolein

Concen: 241.347 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

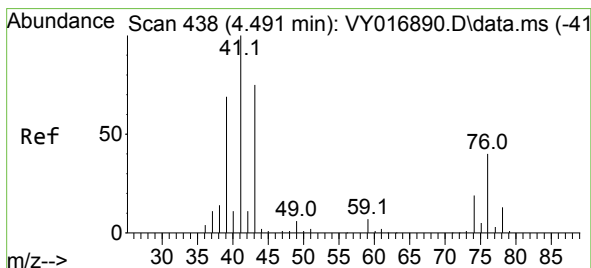
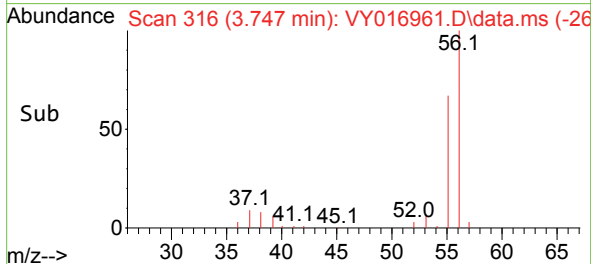
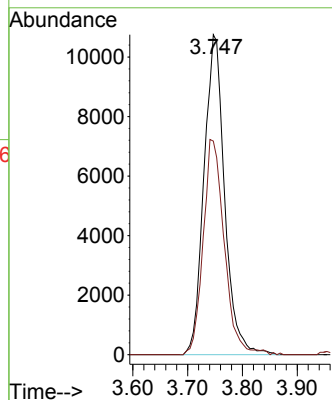
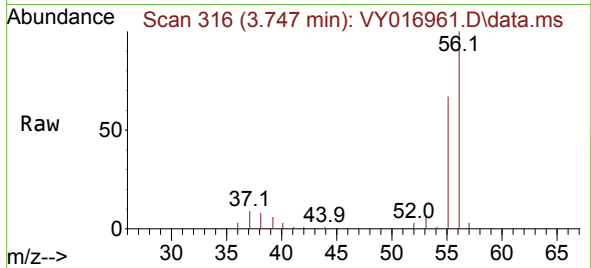
ClientSampleId :

Tgt Ion: 56 Resp: 28052

Ion Ratio Lower Upper

56 100

55 68.8 55.4 83.0



#14

Allyl chloride

Concen: 47.945 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

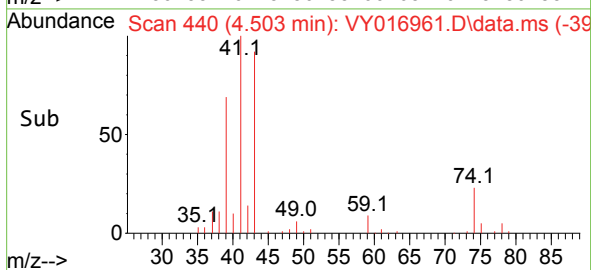
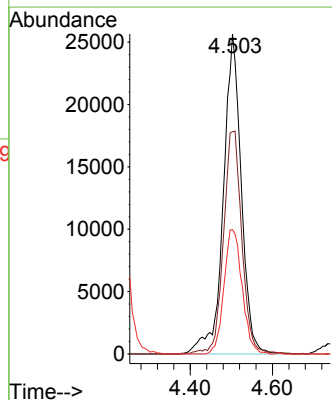
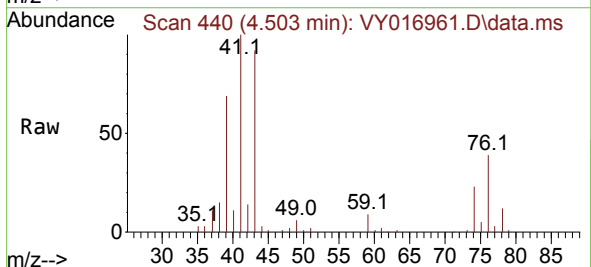
Tgt Ion: 41 Resp: 77764

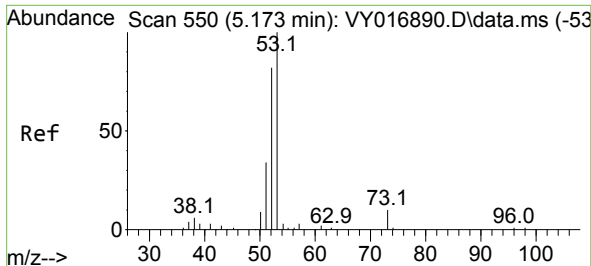
Ion Ratio Lower Upper

41 100

39 71.2 54.7 82.1

76 39.3 31.8 47.6





#15

Acrylonitrile

Concen: 280.814 ug/l

RT: 5.186 min Scan# 51

Delta R.T. 0.007 min

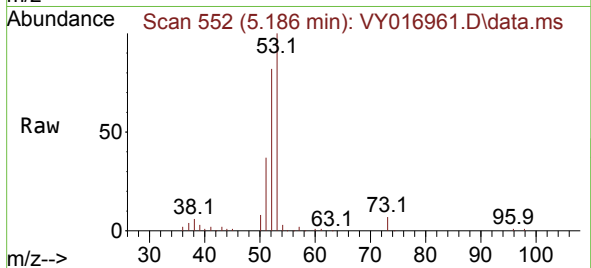
Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :



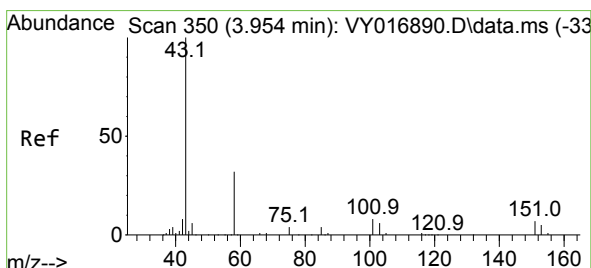
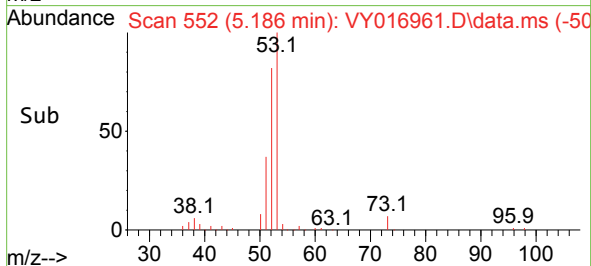
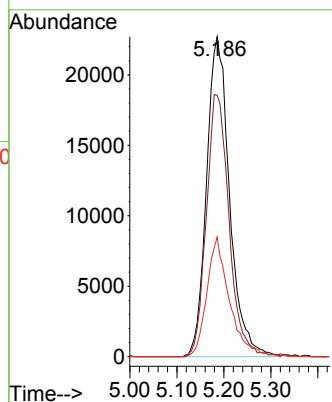
Tgt Ion: 53 Resp: 77198

Ion Ratio Lower Upper

53 100

52 80.6 65.1 97.7

51 36.6 29.0 43.4



#16

Acetone

Concen: 273.916 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.006 min

Lab File: VY016961.D

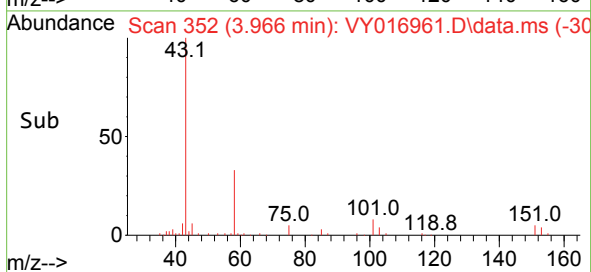
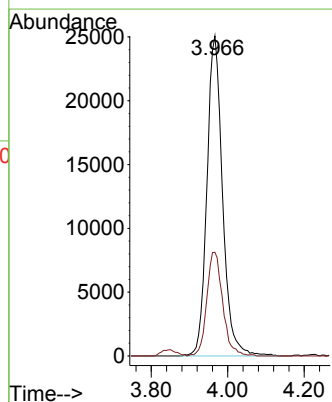
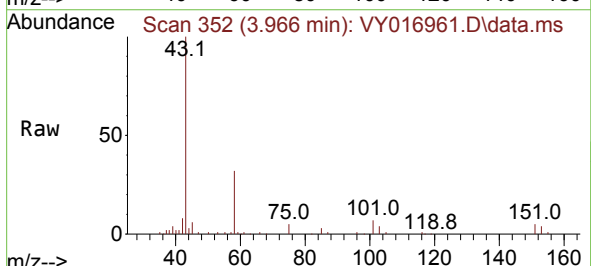
Acq: 09 Jan 2024 20:04

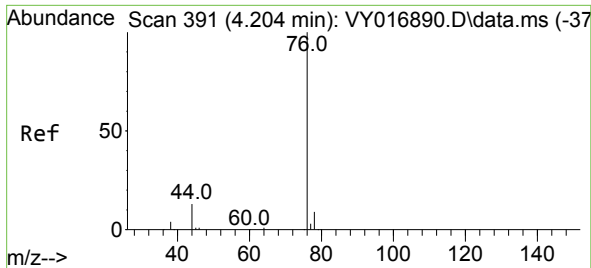
Tgt Ion: 43 Resp: 71268

Ion Ratio Lower Upper

43 100

58 32.4 26.6 39.8





#17

Carbon Disulfide

Concen: 40.803 ug/l

RT: 4.216 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

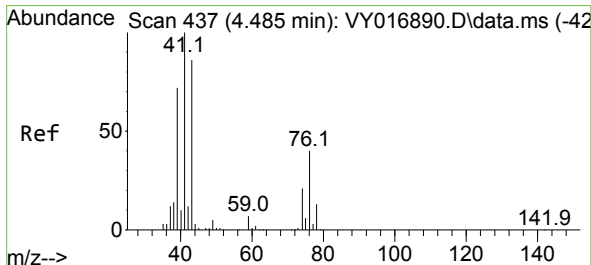
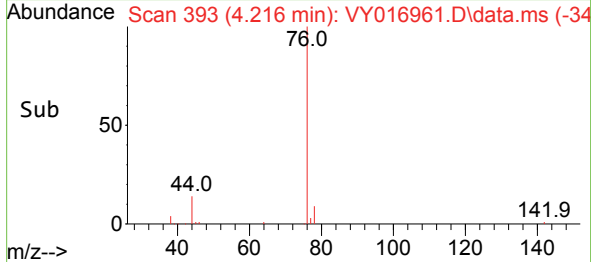
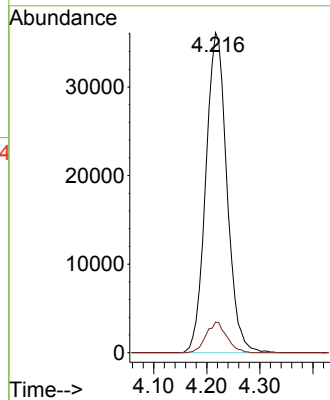
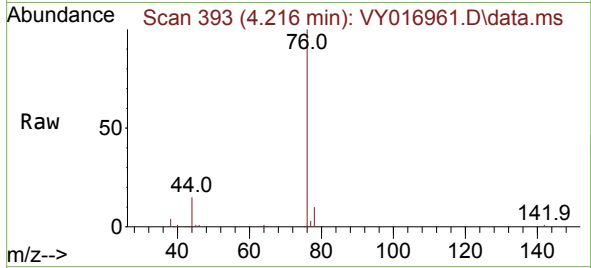
ClientSampleId :

Tgt Ion: 76 Resp: 100028

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



#18

Methyl Acetate

Concen: 63.205 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016961.D

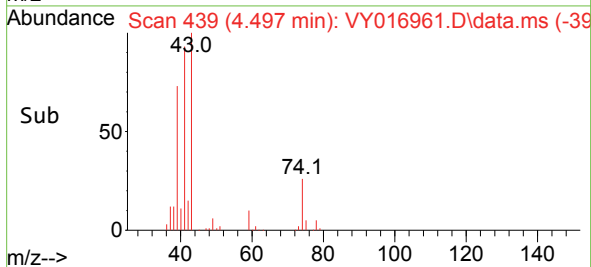
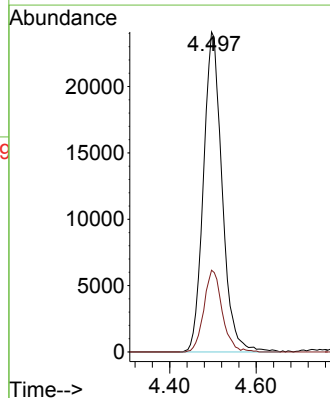
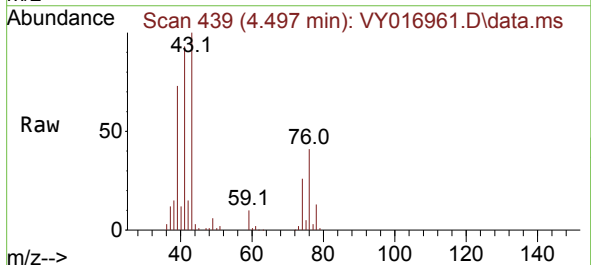
Acq: 09 Jan 2024 20:04

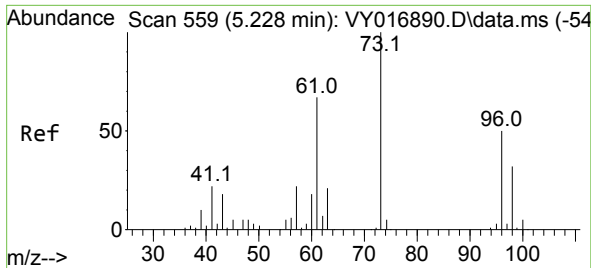
Tgt Ion: 43 Resp: 72093

Ion Ratio Lower Upper

43 100

74 25.1 19.8 29.6

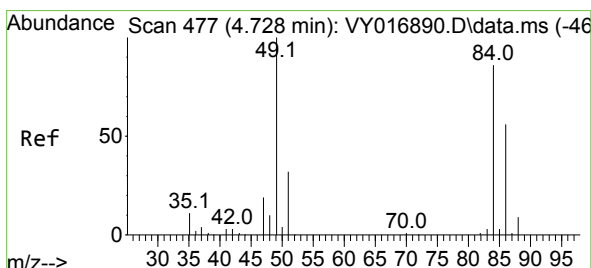
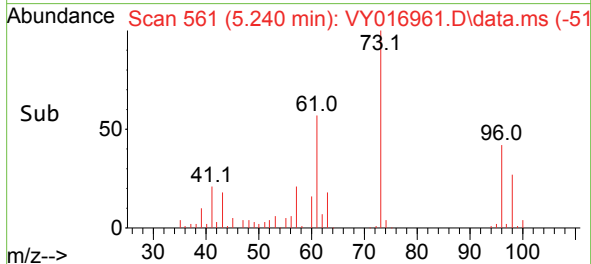
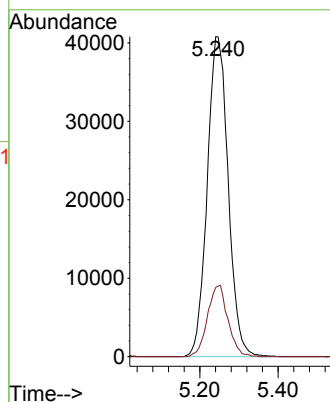
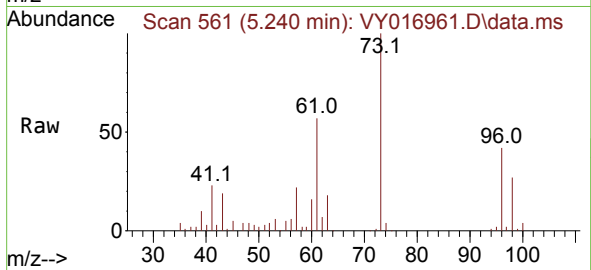




#19
Methyl tert-butyl Ether
Concen: 56.660 ug/l
RT: 5.240 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

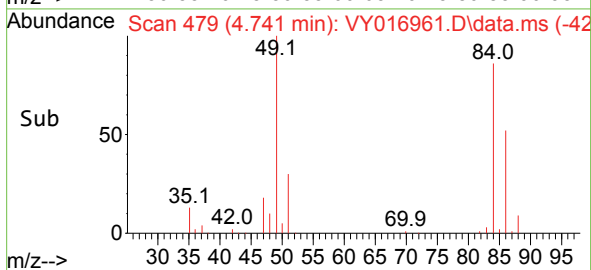
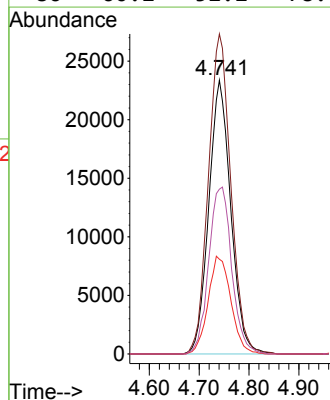
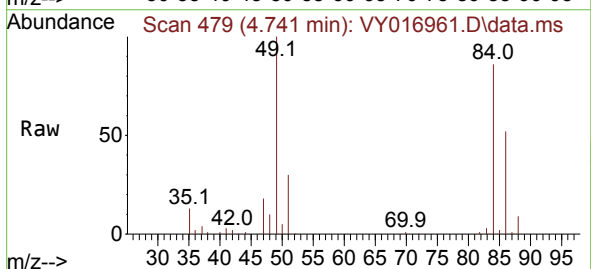
Instrument :
MSVOA_Y
ClientSampleId :

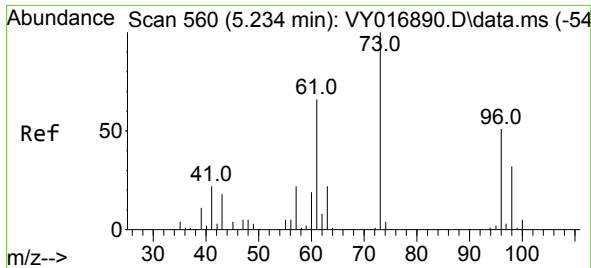
Tgt Ion: 73 Resp: 151239
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 52.656 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 84 Resp: 71629
Ion Ratio Lower Upper
84 100
49 116.9 95.2 142.8
51 34.6 29.9 44.9
86 60.2 52.2 78.4

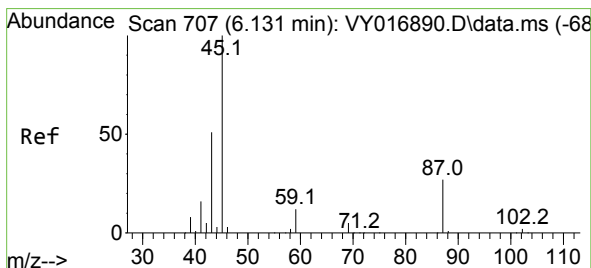
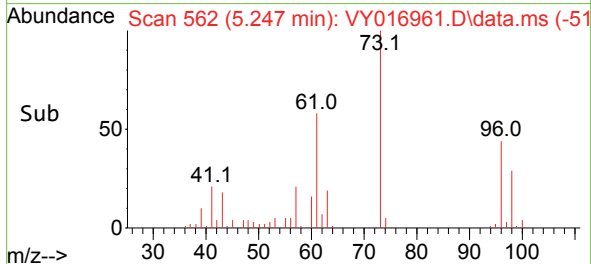
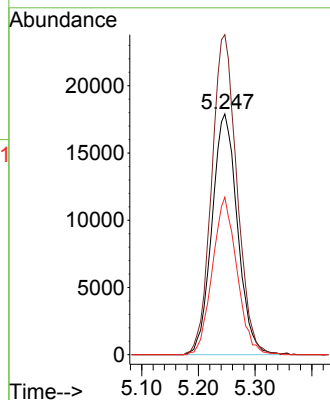
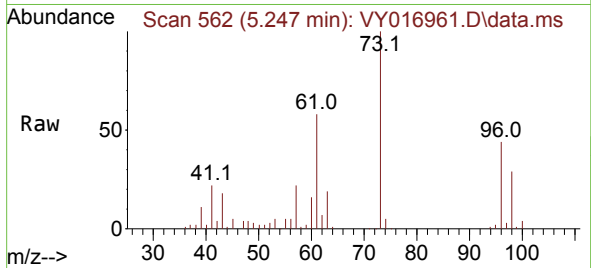




#21
trans-1,2-Dichloroethene
Concen: 47.581 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

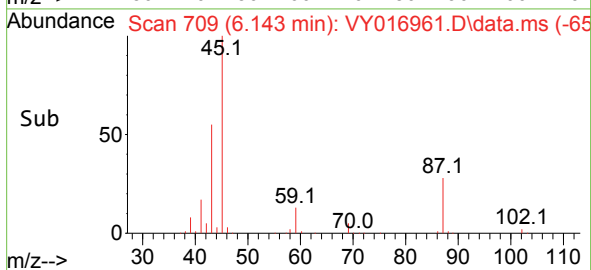
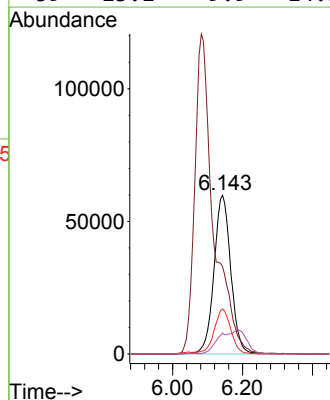
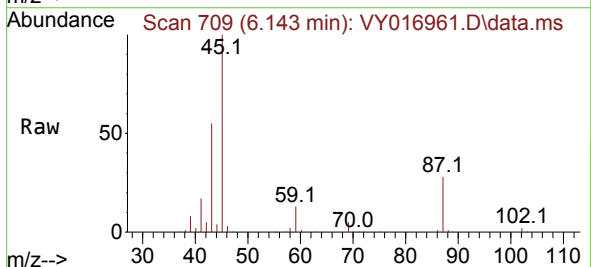
Instrument :
MSVOA_Y
ClientSampleId :

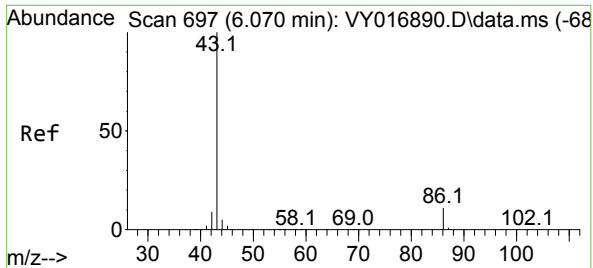
Tgt Ion: 96 Resp: 55910
Ion Ratio Lower Upper
96 100
61 132.9 104.6 156.8
98 65.4 50.9 76.3



#22
Diisopropyl ether
Concen: 53.270 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 45 Resp: 199751
Ion Ratio Lower Upper
45 100
43 54.6 46.8 70.2
87 28.3 22.2 33.2
59 13.1 9.9 14.9

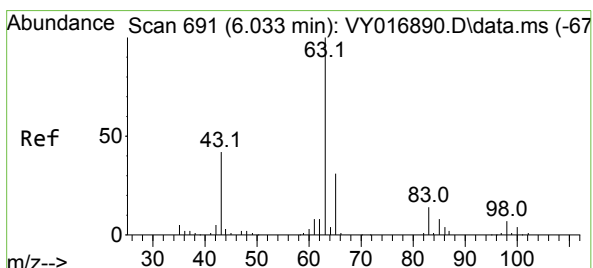
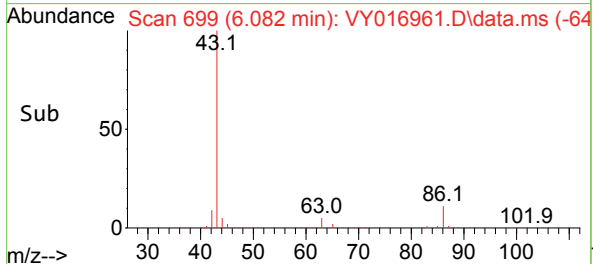
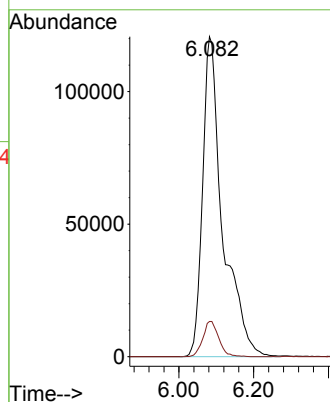
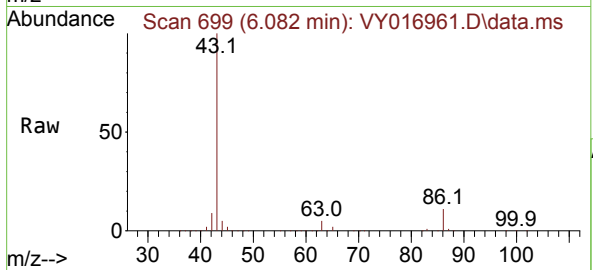




#23
 Vinyl Acetate
 Concen: 261.422 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016961.D
 Acq: 09 Jan 2024 20:04

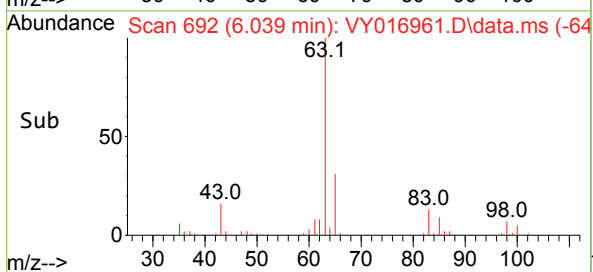
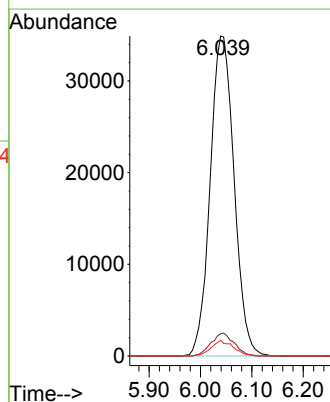
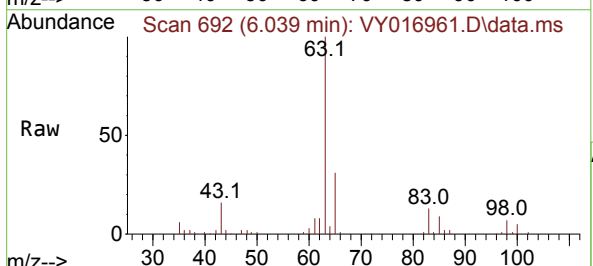
Instrument :
 MSVOA_Y
 ClientSampleId :

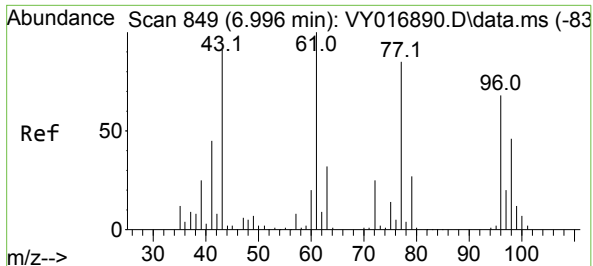
Tgt Ion: 43 Resp: 449480
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.975 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016961.D
 Acq: 09 Jan 2024 20:04

Tgt Ion: 63 Resp: 112612
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 287.418 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

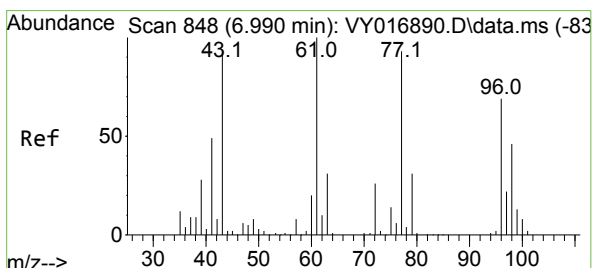
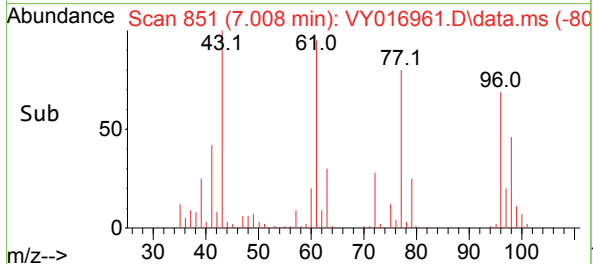
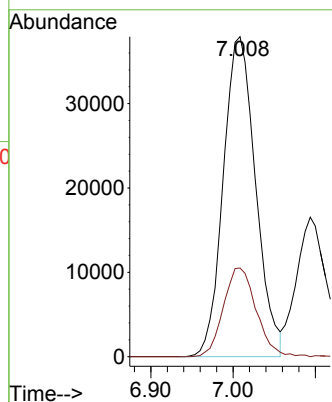
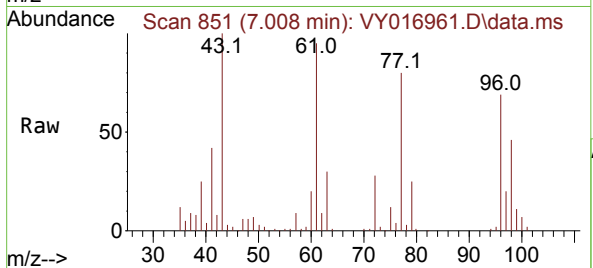
ClientSampleId :

Tgt Ion: 43 Resp: 103896

Ion Ratio Lower Upper

43 100

72 27.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 47.710 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016961.D

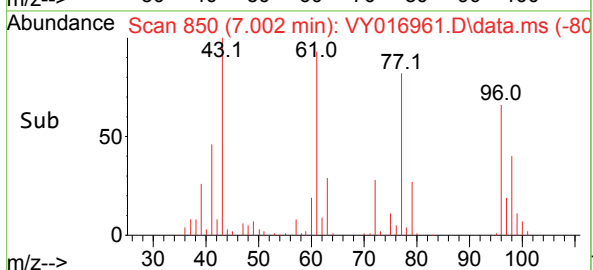
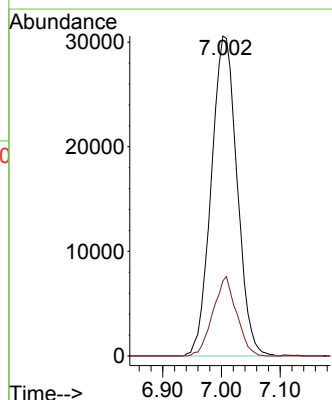
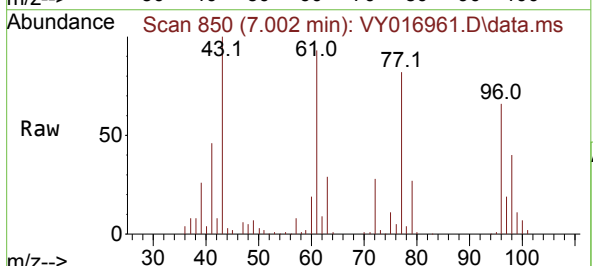
Acq: 09 Jan 2024 20:04

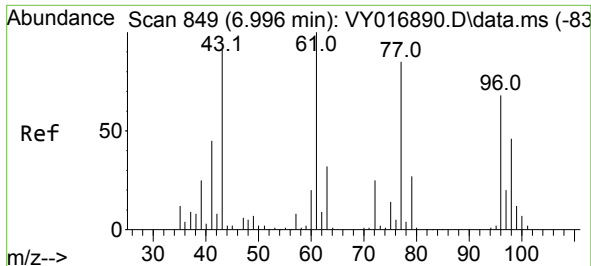
Tgt Ion: 77 Resp: 93214

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 51.094 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

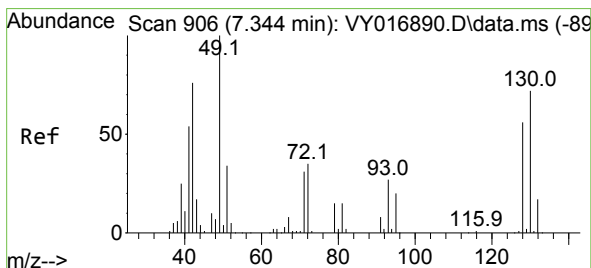
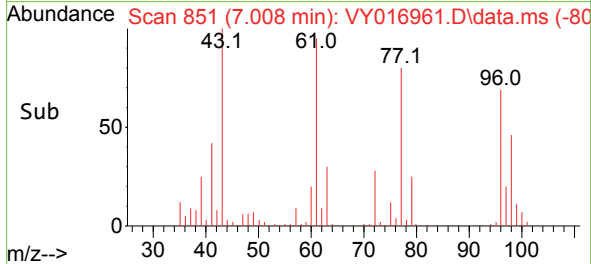
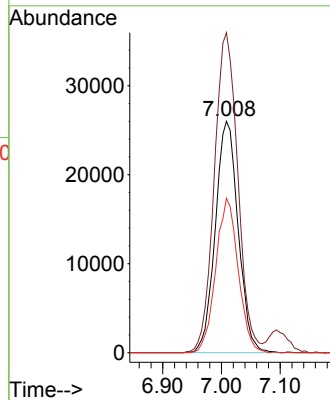
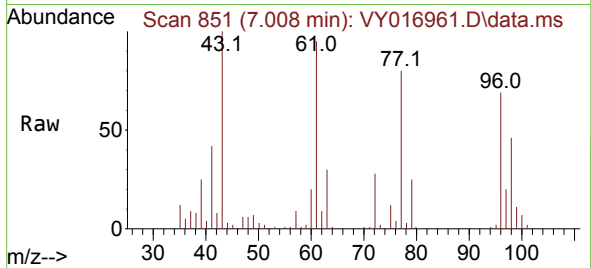
Tgt Ion: 96 Resp: 70379

Ion Ratio Lower Upper

96 100

61 142.1 0.0 278.8

98 65.3 0.0 127.0



#28

Bromochloromethane

Concen: 60.851 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

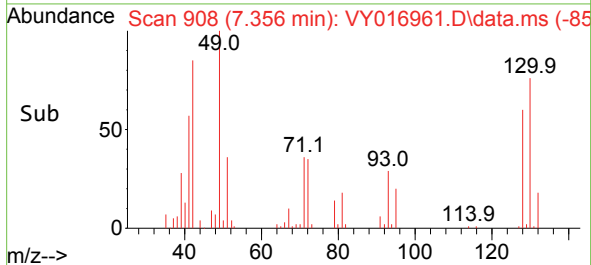
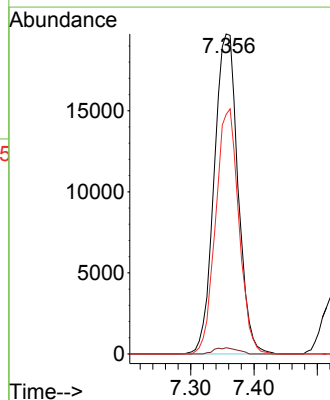
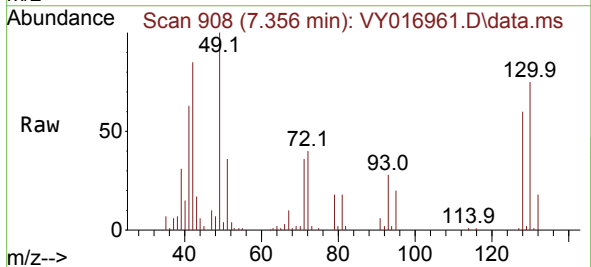
Tgt Ion: 49 Resp: 51477

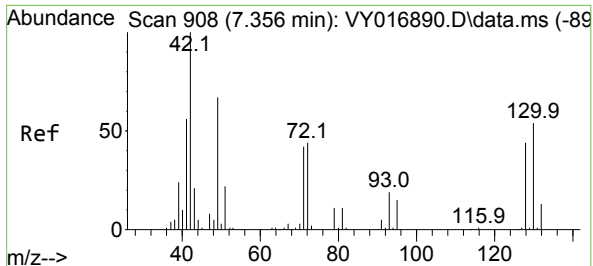
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.7 59.8 89.8





#29

Tetrahydrofuran

Concen: 295.689 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

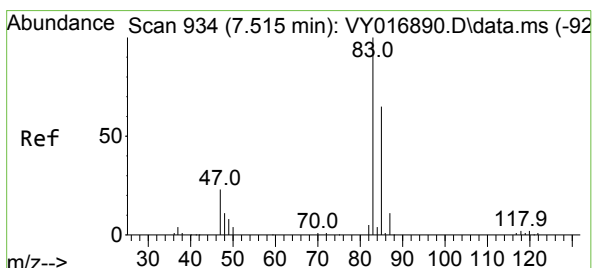
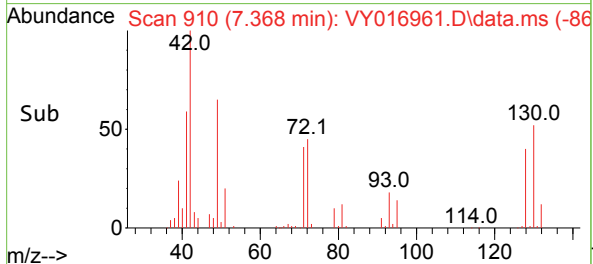
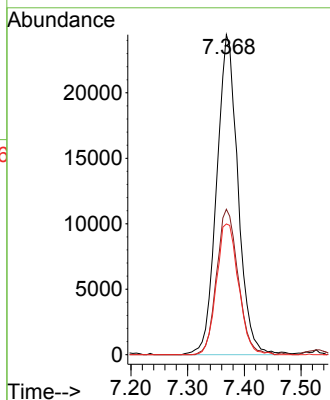
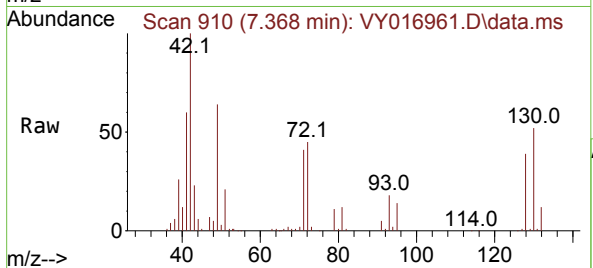
Tgt Ion: 42 Resp: 63715

Ion Ratio Lower Upper

42 100

72 45.9 36.6 54.8

71 42.3 33.8 50.6



#30

Chloroform

Concen: 51.841 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016961.D

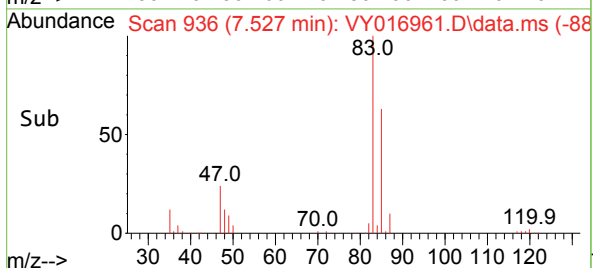
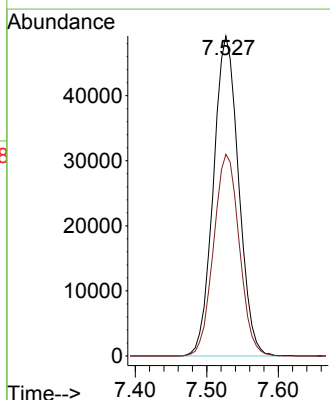
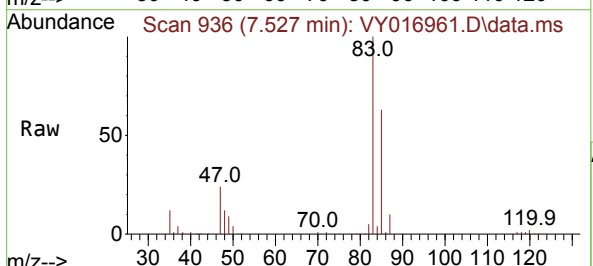
Acq: 09 Jan 2024 20:04

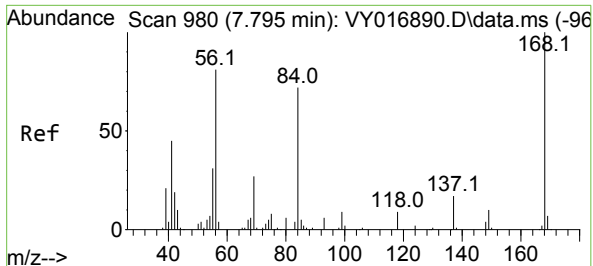
Tgt Ion: 83 Resp: 120382

Ion Ratio Lower Upper

83 100

85 63.0 51.2 76.8

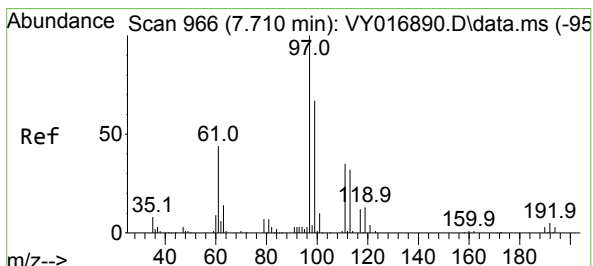
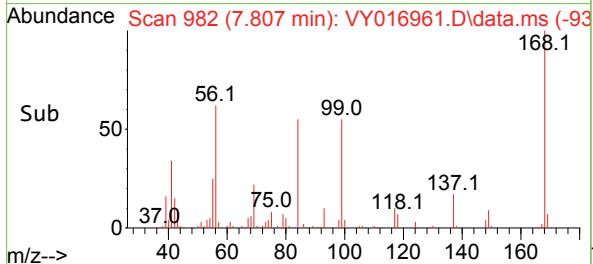
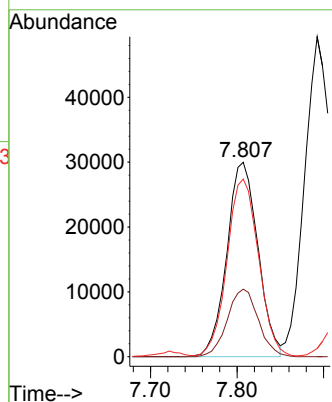
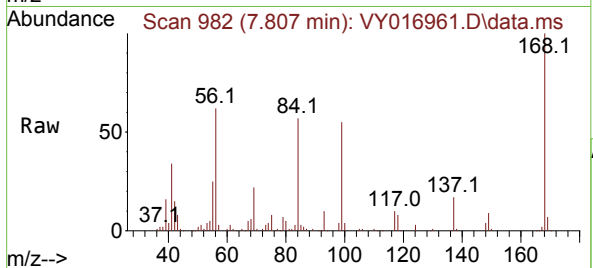




#31
Cyclohexane
Concen: 40.957 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

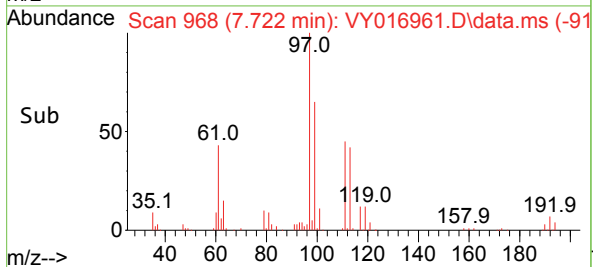
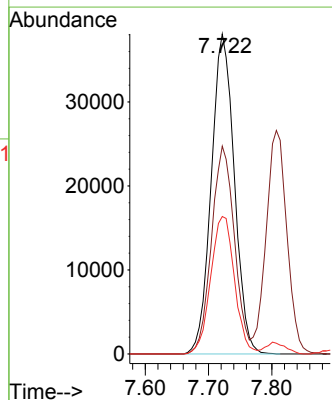
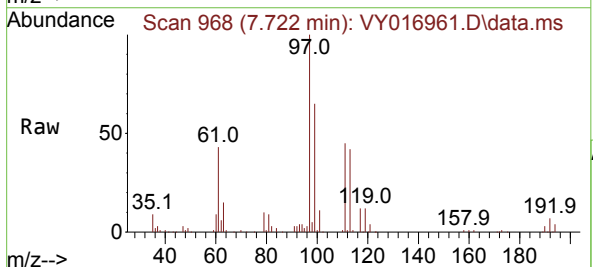
Instrument :
MSVOA_Y
ClientSampleId :

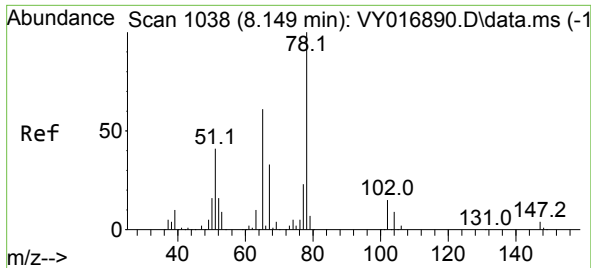
Tgt Ion: 56 Resp: 74840
Ion Ratio Lower Upper
56 100
69 34.8 27.0 40.6
84 89.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.959 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 97 Resp: 96398
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 44.4 35.0 52.6

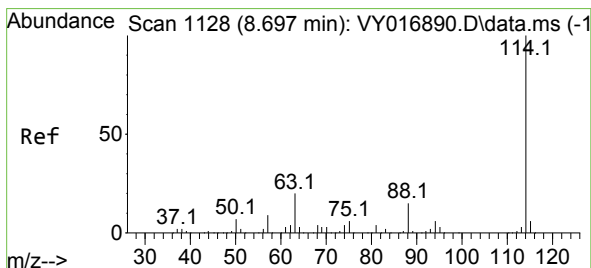
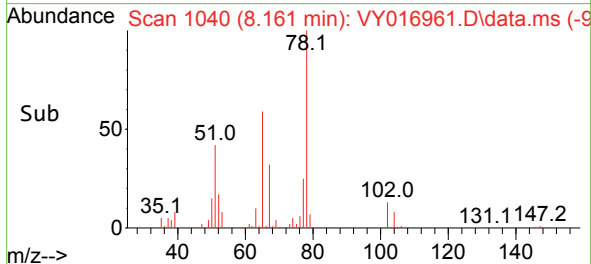
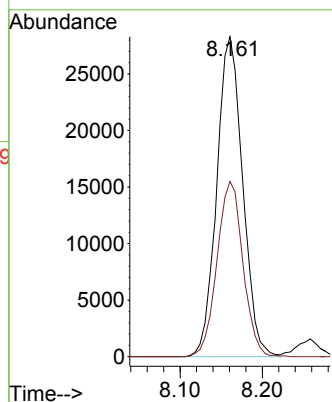
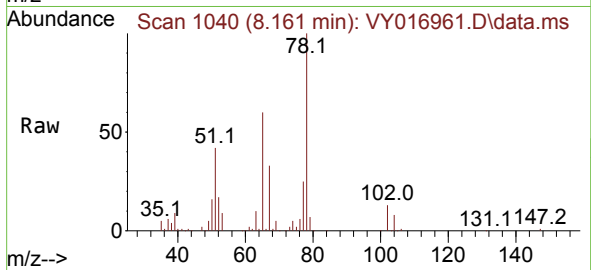




#33
1,2-Dichloroethane-d4
Concen: 58.191 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

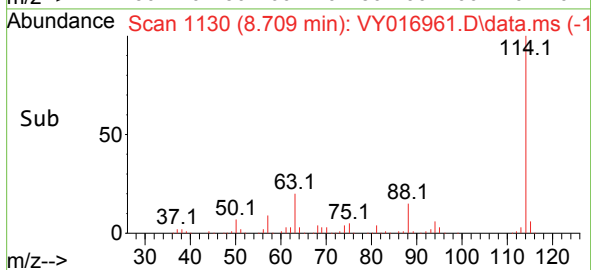
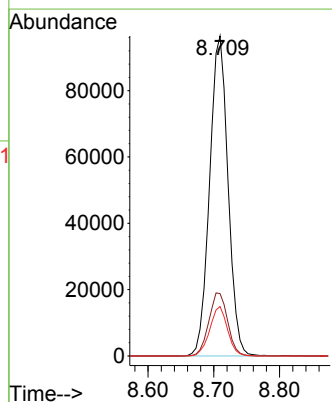
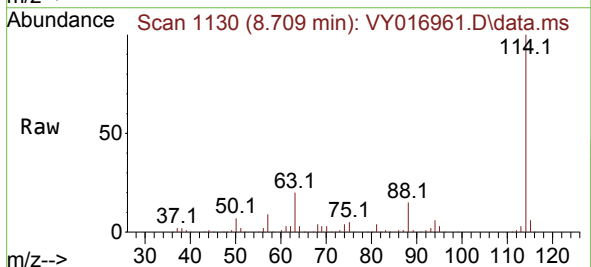
Instrument :
MSVOA_Y
ClientSampleId :

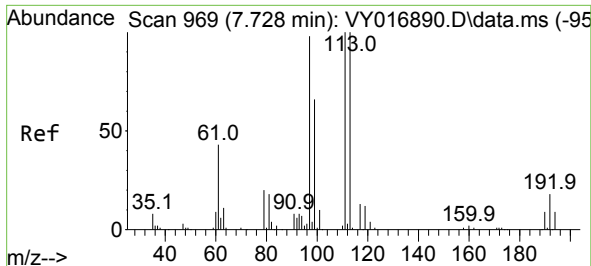
Tgt Ion: 65 Resp: 61953
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 114 Resp: 187768
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 15.5 0.0 29.0

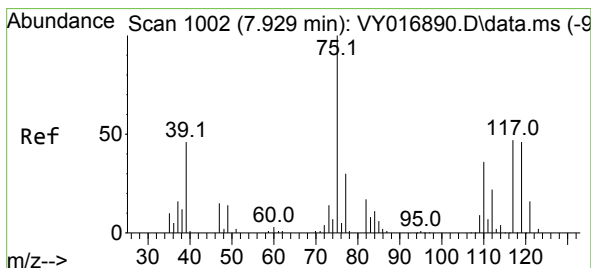
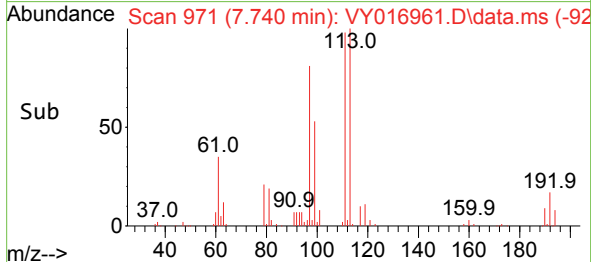
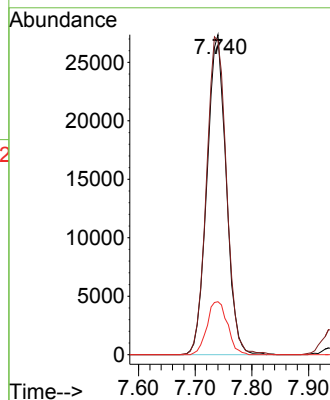
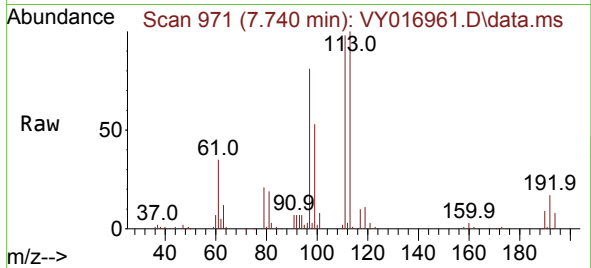




#35
Dibromofluoromethane
Concen: 53.933 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

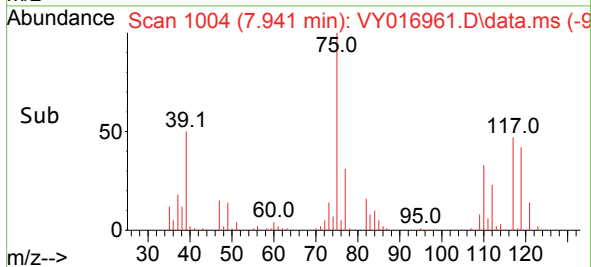
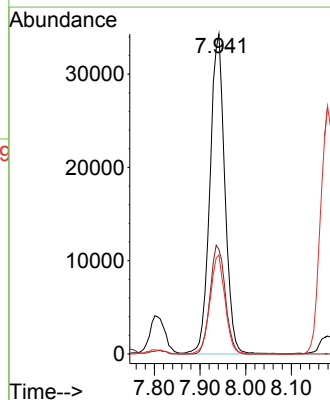
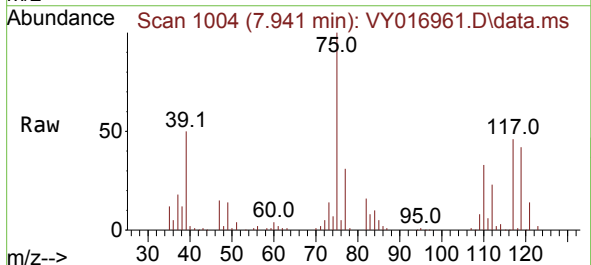
Instrument :
MSVOA_Y
ClientSampleId :

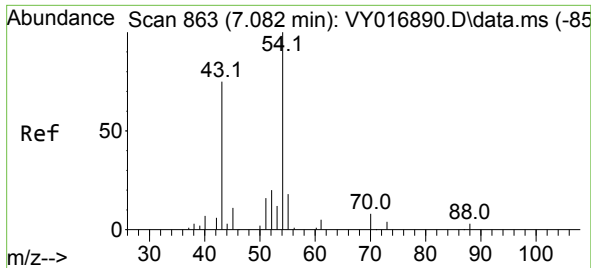
Tgt Ion:113 Resp: 64532
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 44.618 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 75 Resp: 77804
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 31.0 24.7 37.1

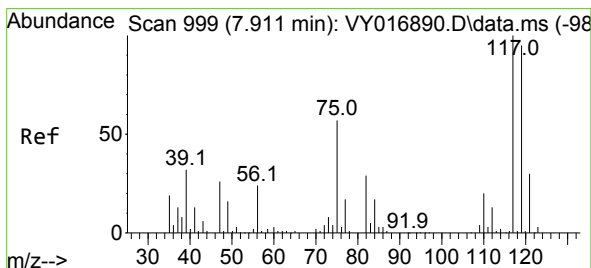
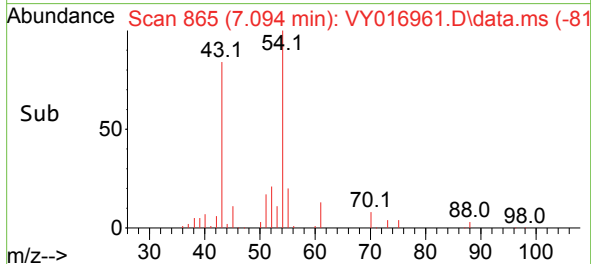
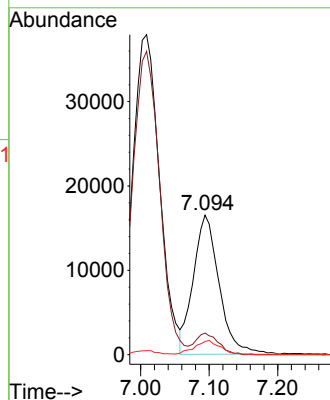
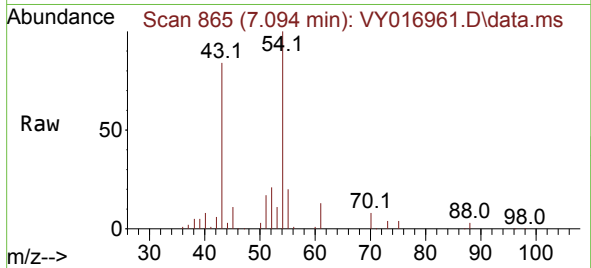




#37
Ethyl Acetate
Concen: 54.390 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

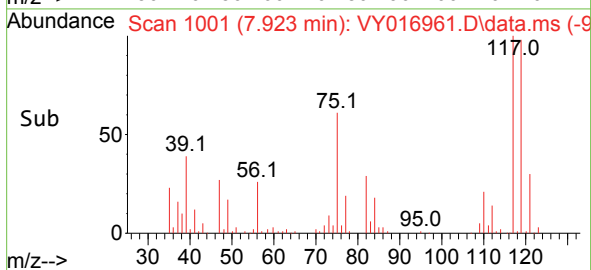
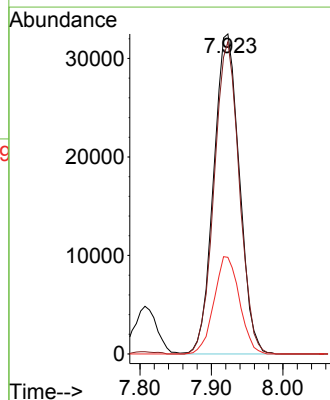
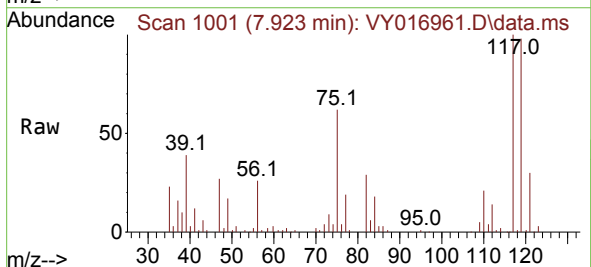
Instrument :
MSVOA_Y
ClientSampleId :

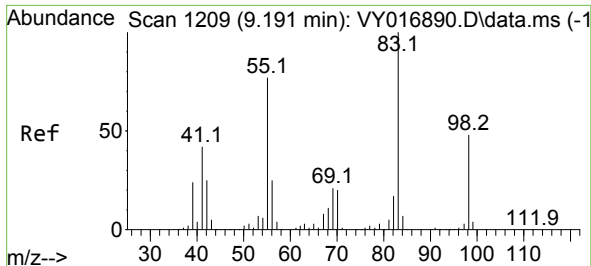
Tgt Ion: 43	Resp: 43101
Ion Ratio	Lower Upper
43	100
61	13.7 11.0 16.6
70	10.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 45.857 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 117	Resp: 81242
Ion Ratio	Lower Upper
117	100
119	97.6 76.0 114.0
121	30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 41.049 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

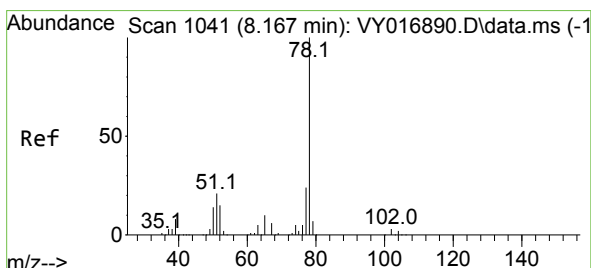
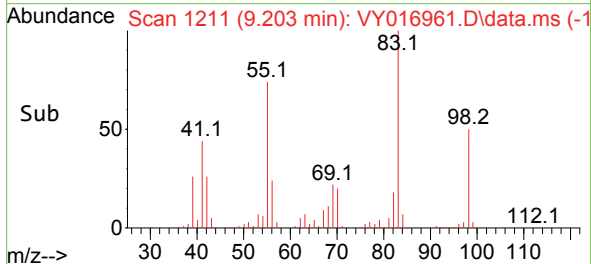
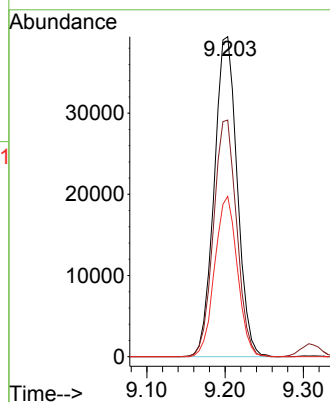
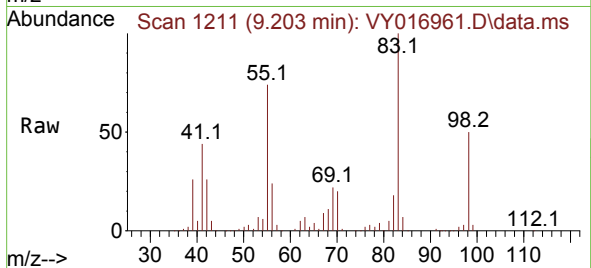
Tgt Ion: 83 Resp: 80469

Ion Ratio Lower Upper

83 100

55 74.0 59.7 89.5

98 50.1 38.0 57.0



#40

Benzene

Concen: 47.895 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016961.D

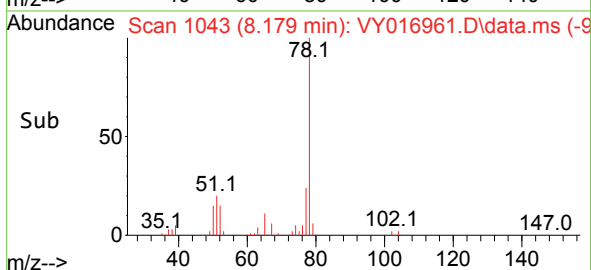
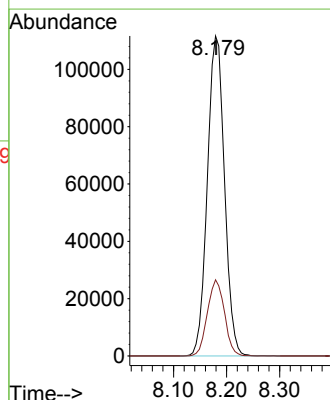
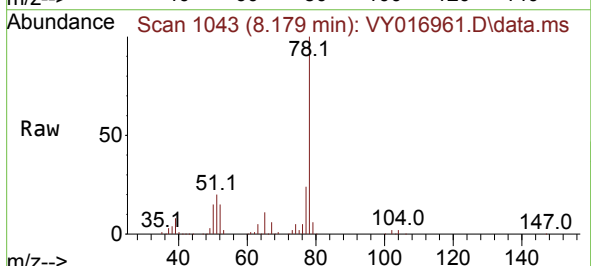
Acq: 09 Jan 2024 20:04

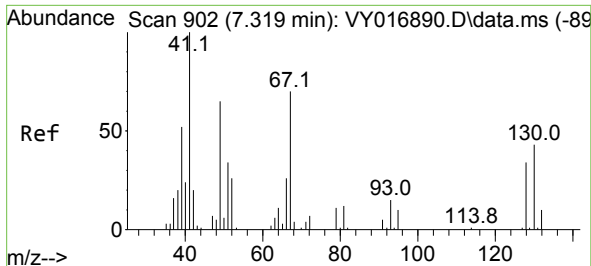
Tgt Ion: 78 Resp: 250534

Ion Ratio Lower Upper

78 100

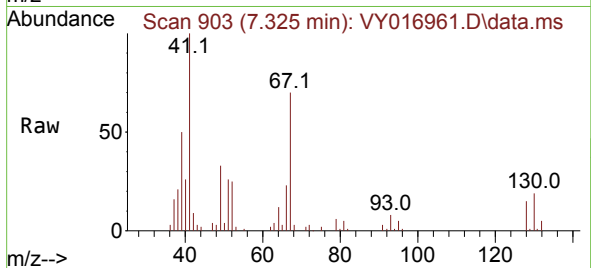
77 23.8 18.8 28.2



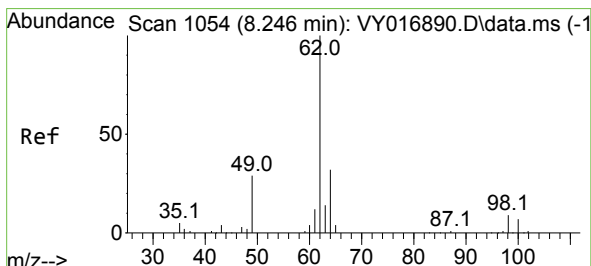
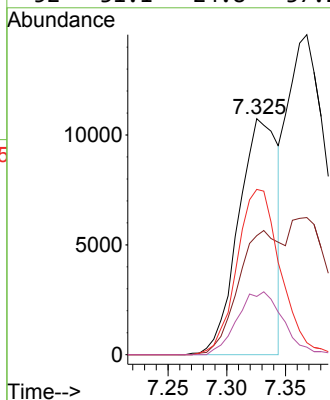
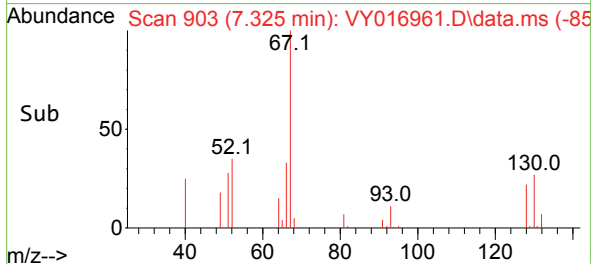


#41
Methacrylonitrile
Concen: 59.657 ug/l
RT: 7.325 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Instrument :
MSVOA_Y
ClientSampleId :

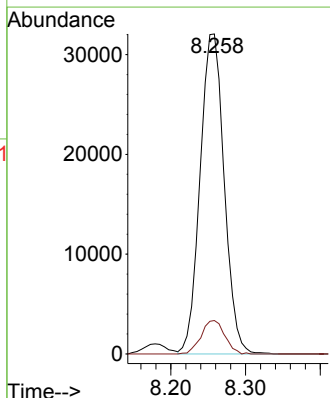
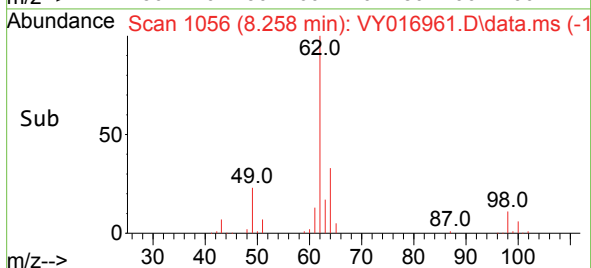
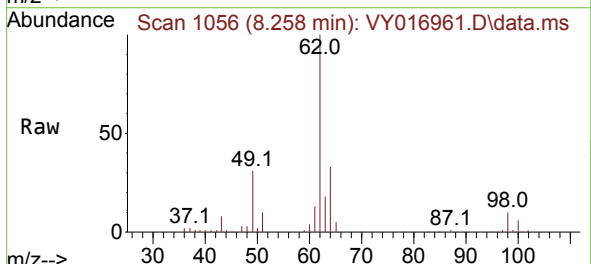


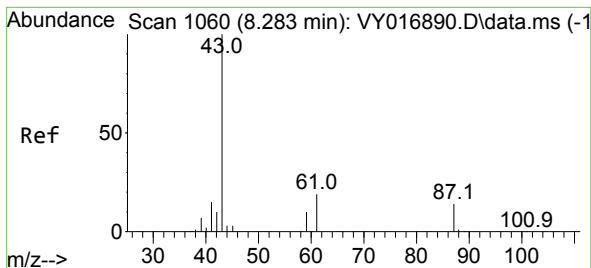
Tgt Ion:	41	Resp:	24898
Ion	Ratio	Lower	Upper
41	100		
39	60.6	41.9	62.9
67	78.1	59.8	89.6
52	31.1	24.8	37.2



#42
1,2-Dichloroethane
Concen: 51.784 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion:	62	Resp:	71912
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 55.388 ug/l

RT: 8.289 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

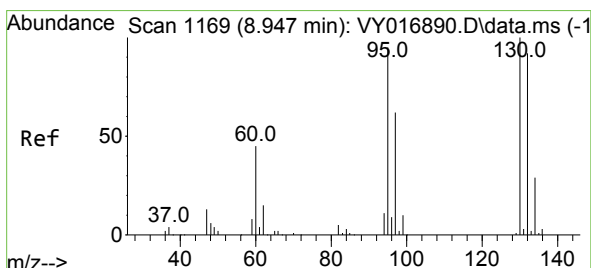
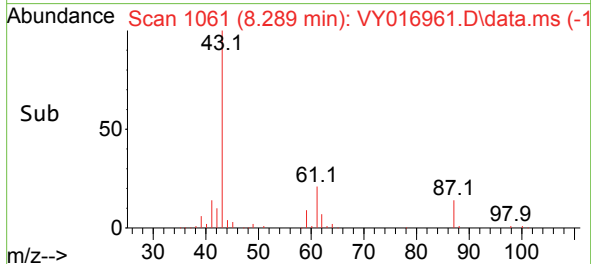
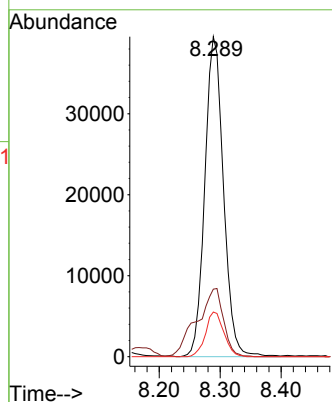
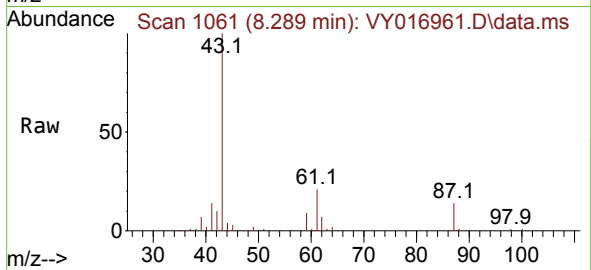
Tgt Ion: 43 Resp: 84051

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

87 13.7 10.7 16.1



#44

Trichloroethene

Concen: 46.872 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.012 min

Lab File: VY016961.D

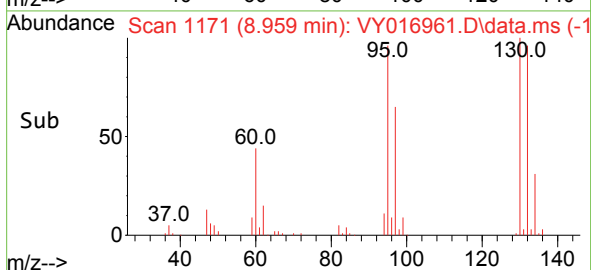
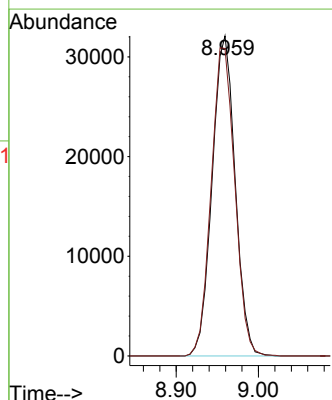
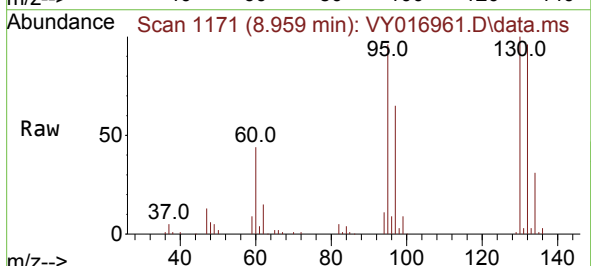
Acq: 09 Jan 2024 20:04

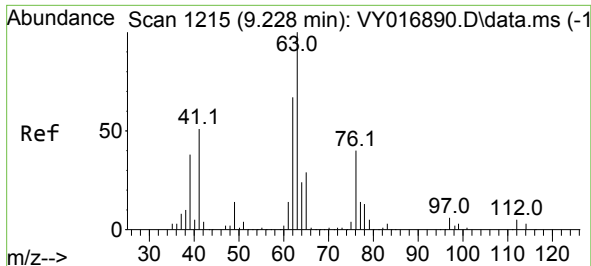
Tgt Ion:130 Resp: 62389

Ion Ratio Lower Upper

130 100

95 96.1 0.0 203.8

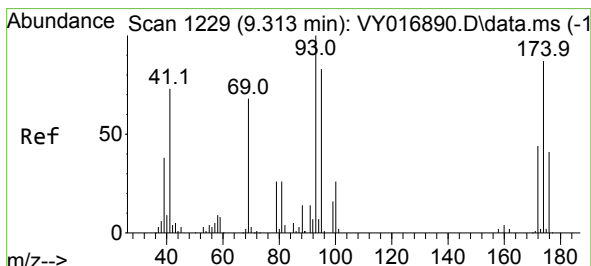
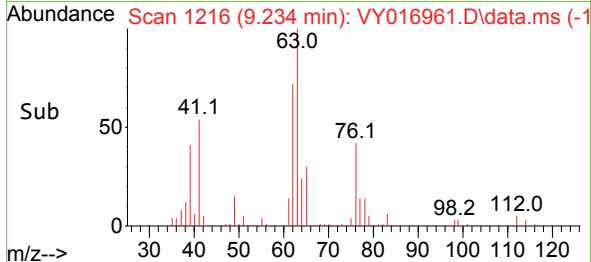
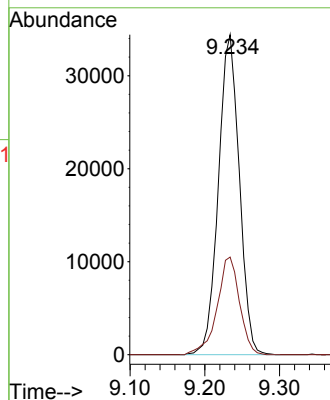
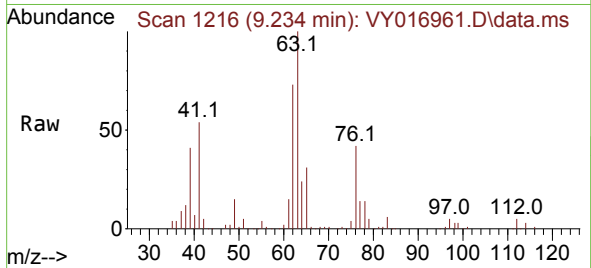




#45
1,2-Dichloropropane
Concen: 49.567 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

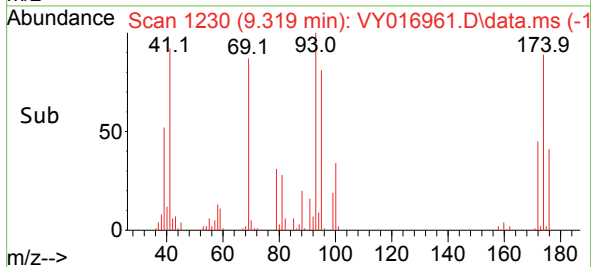
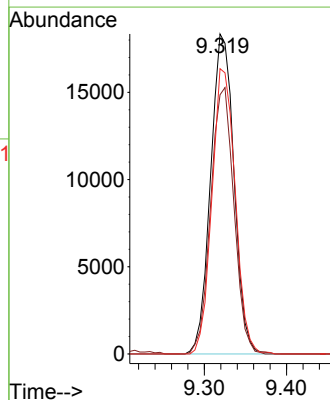
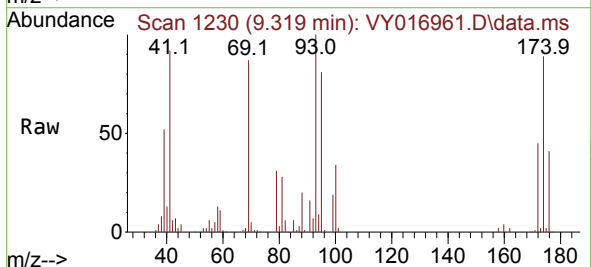
Instrument :
MSVOA_Y
ClientSampleId :

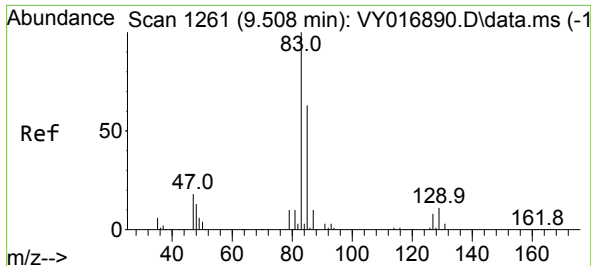
Tgt Ion: 63 Resp: 66797
Ion Ratio Lower Upper
63 100
65 30.5 24.6 36.8



#46
Dibromomethane
Concen: 52.762 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 93 Resp: 36263
Ion Ratio Lower Upper
93 100
95 82.6 66.6 99.8
174 88.6 73.8 110.6

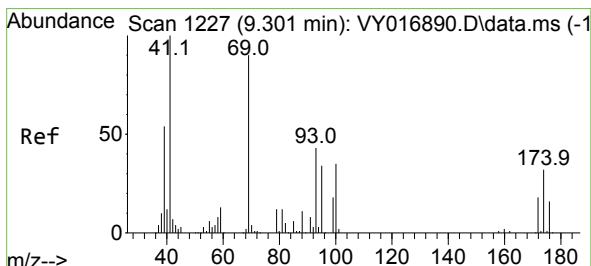
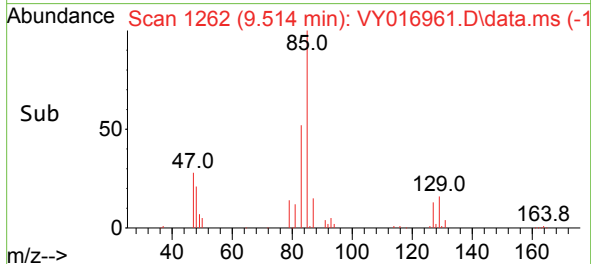
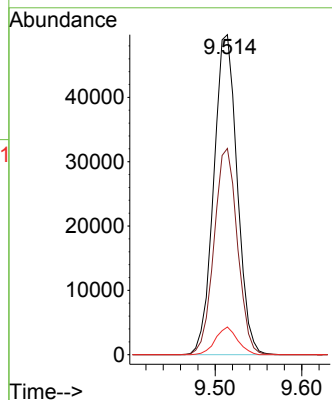
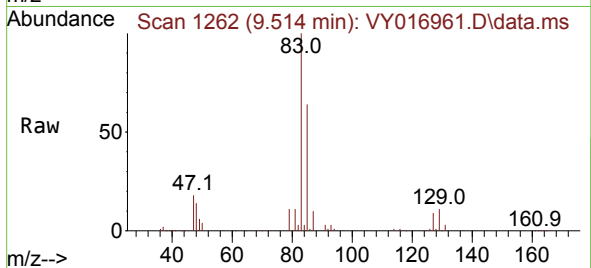




#47
Bromodichloromethane
Concen: 50.679 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

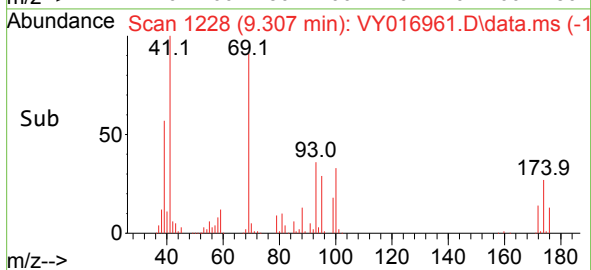
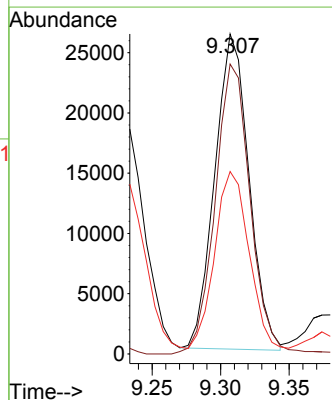
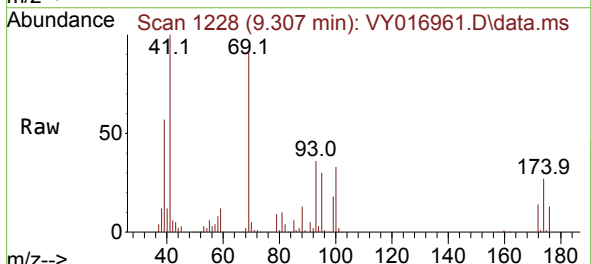
Instrument :
MSVOA_Y
ClientSampleId :

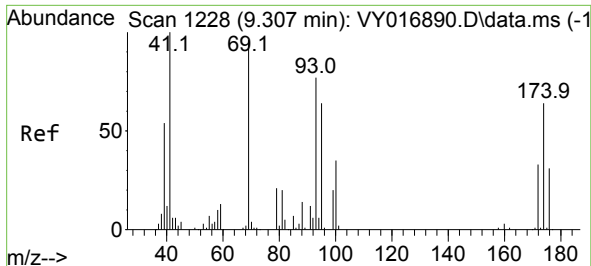
Tgt Ion: 83 Resp: 93532
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 8.6 6.4 9.6



#48
Methyl methacrylate
Concen: 55.318 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 41 Resp: 45303
Ion Ratio Lower Upper
41 100
69 94.9 72.1 108.1
39 59.5 42.8 64.2





#49

1,4-Dioxane

Concen: 1193.170 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

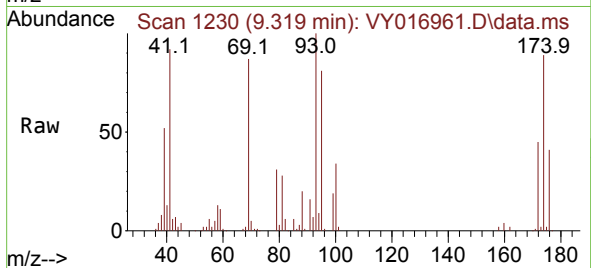
Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :



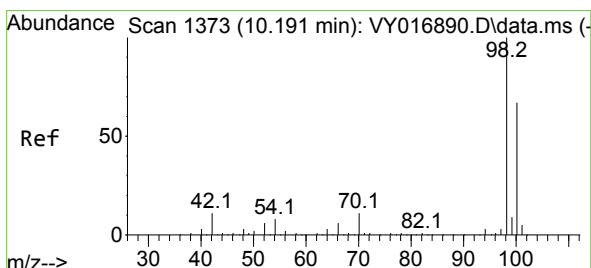
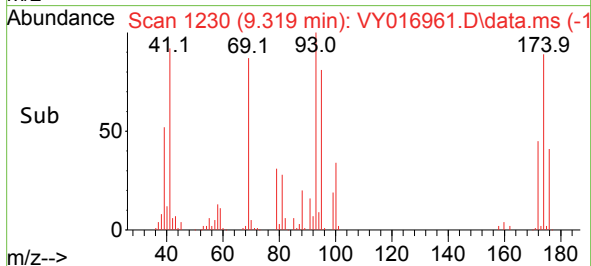
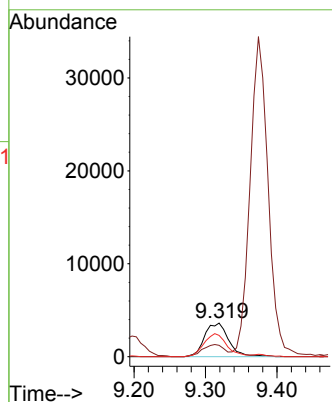
Tgt Ion: 88 Resp: 8491

Ion Ratio Lower Upper

88 100

43 32.1 28.2 42.4

58 65.3 52.2 78.2



#50

Toluene-d8

Concen: 54.262 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016961.D

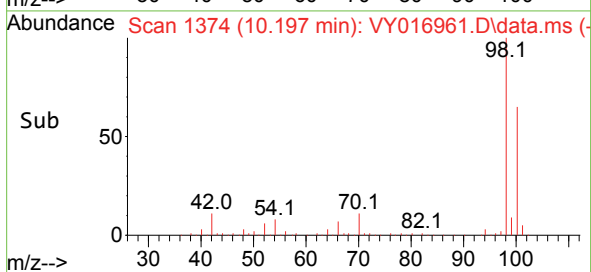
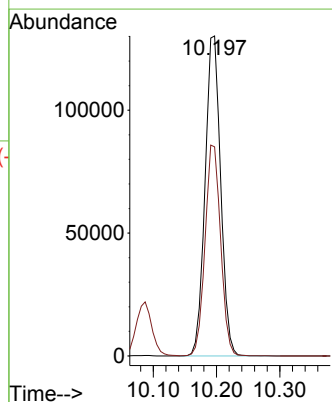
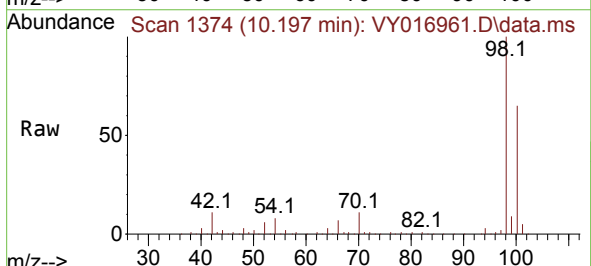
Acq: 09 Jan 2024 20:04

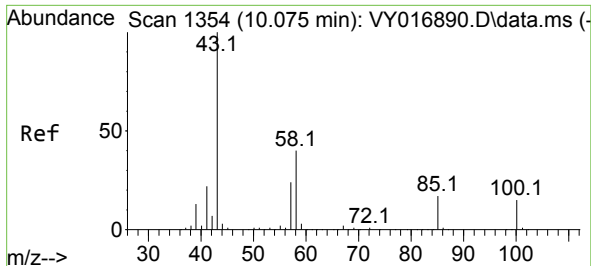
Tgt Ion: 98 Resp: 223572

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 292.361 ug/l

RT: 10.081 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

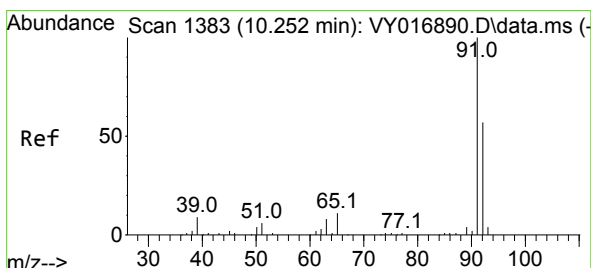
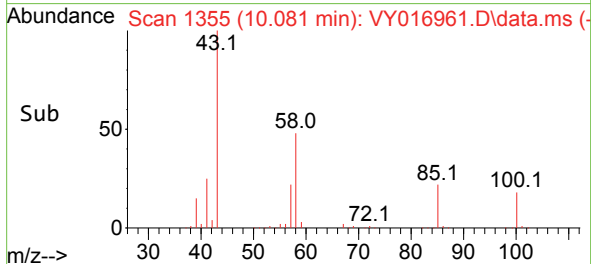
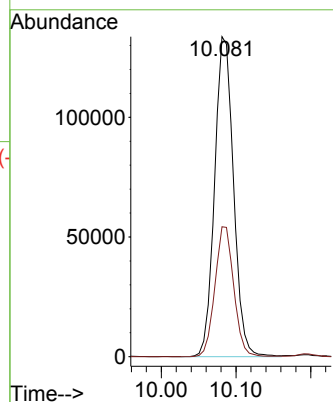
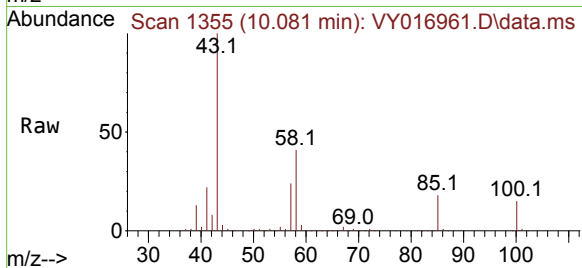
ClientSampleId :

Tgt Ion: 43 Resp: 235946

Ion Ratio Lower Upper

43 100

58 40.5 32.2 48.2



#52

Toluene

Concen: 49.014 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016961.D

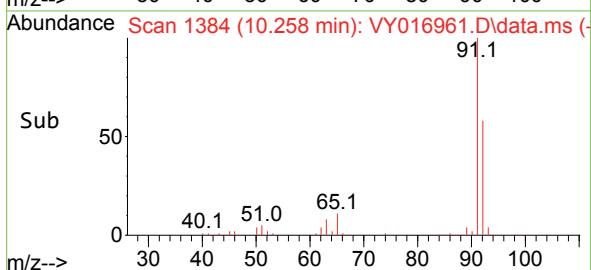
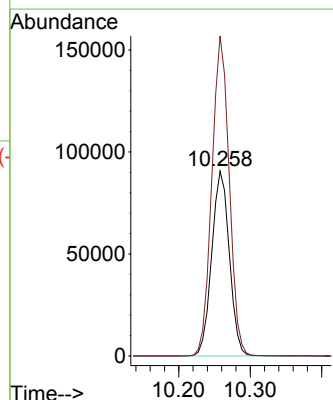
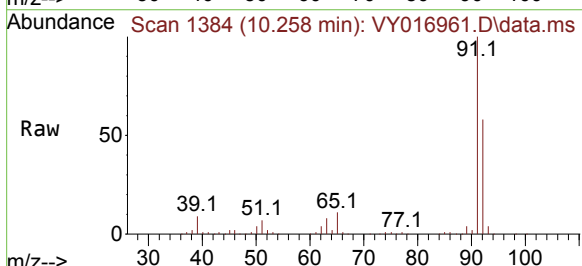
Acq: 09 Jan 2024 20:04

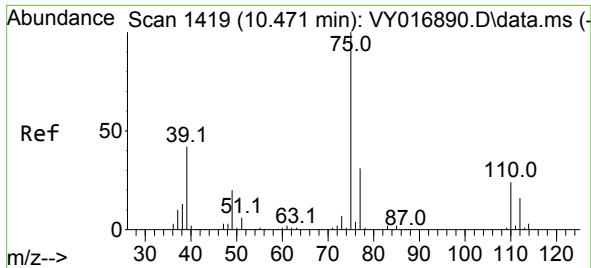
Tgt Ion: 92 Resp: 154733

Ion Ratio Lower Upper

92 100

91 171.2 137.6 206.4

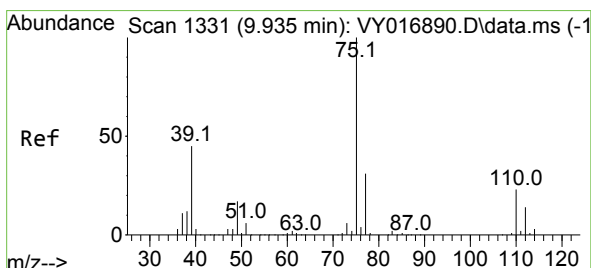
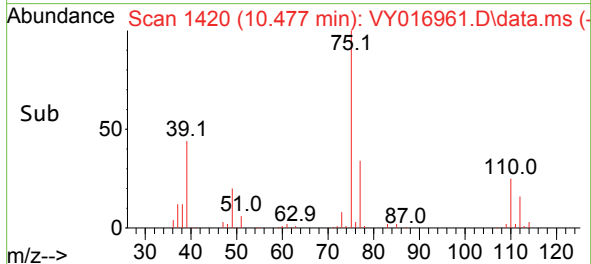
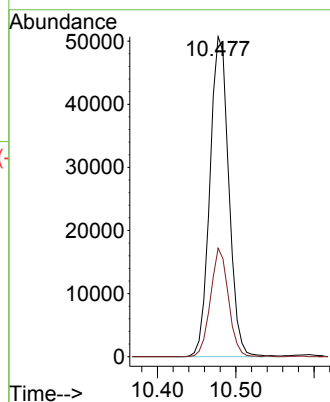
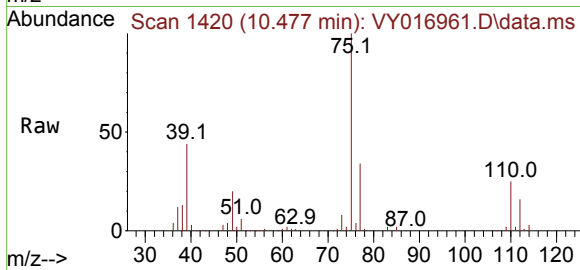




#53
 t-1,3-Dichloropropene
 Concen: 51.368 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016961.D
 Acq: 09 Jan 2024 20:04

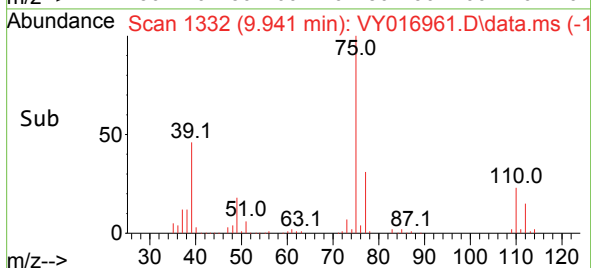
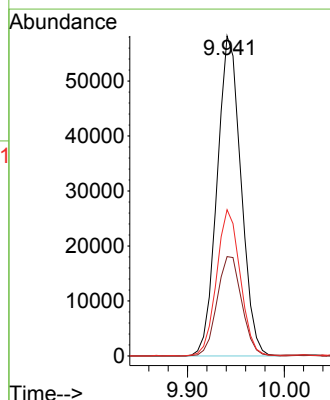
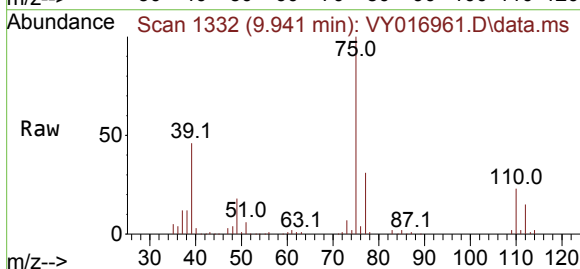
Instrument :
 MSVOA_Y
 ClientSampleId :

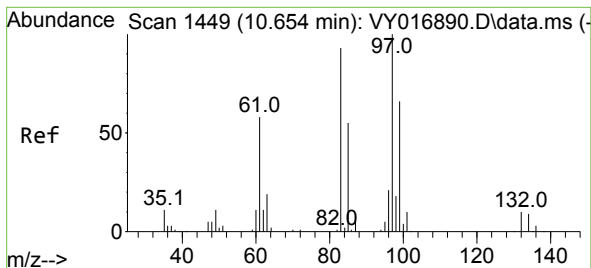
Tgt Ion: 75 Resp: 84919
 Ion Ratio Lower Upper
 75 100
 77 33.9 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.192 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016961.D
 Acq: 09 Jan 2024 20:04

Tgt Ion: 75 Resp: 99647
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8
 39 45.7 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 52.690 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

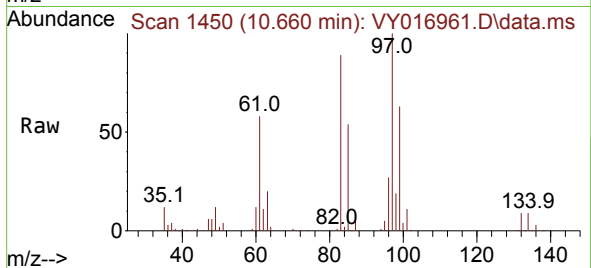
Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 52905

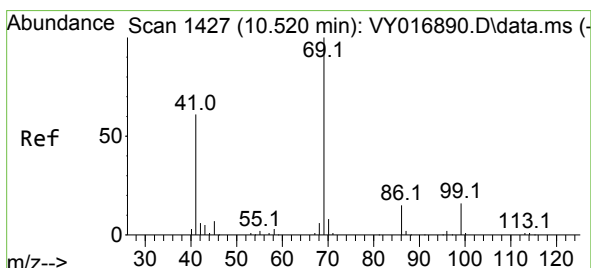
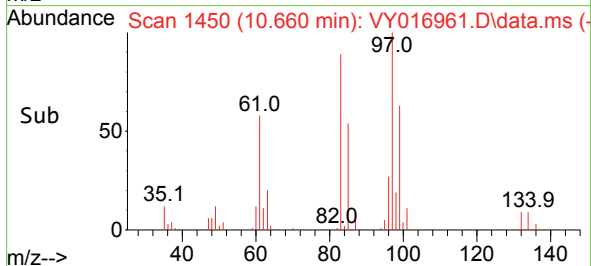
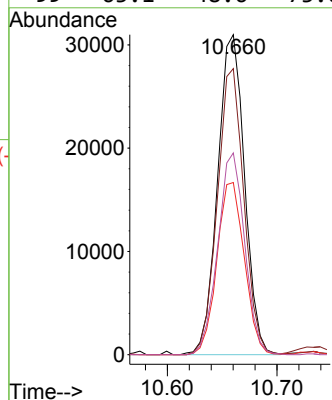
Ion Ratio Lower Upper

97 100

83 89.4 69.4 104.2

85 53.8 43.9 65.9

99 63.1 48.6 73.0



#56

Ethyl methacrylate

Concen: 57.554 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

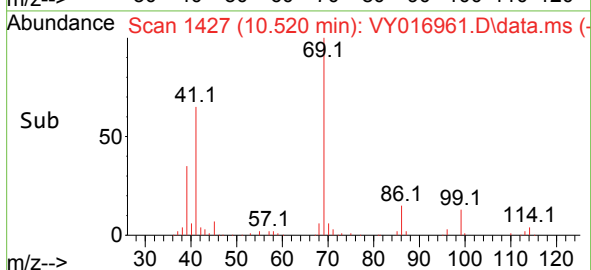
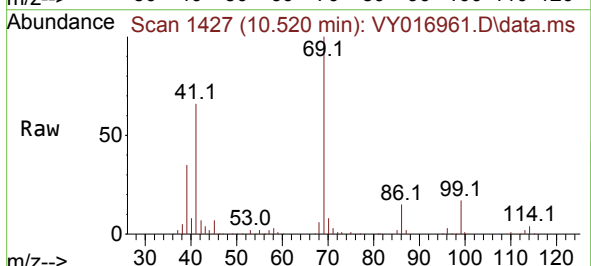
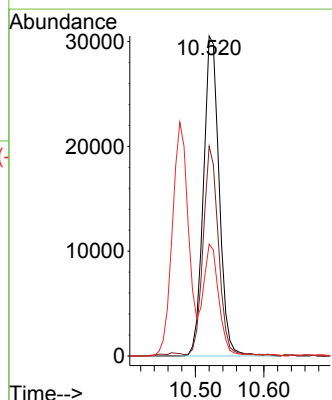
Tgt Ion: 69 Resp: 48947

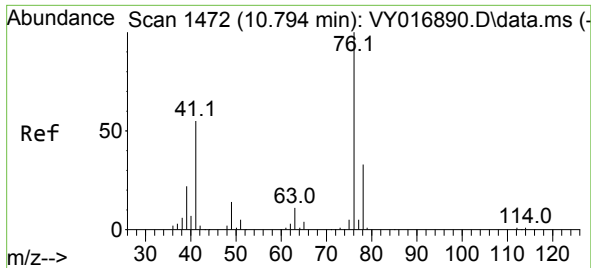
Ion Ratio Lower Upper

69 100

41 63.0 49.2 73.8

39 33.7 26.8 40.2

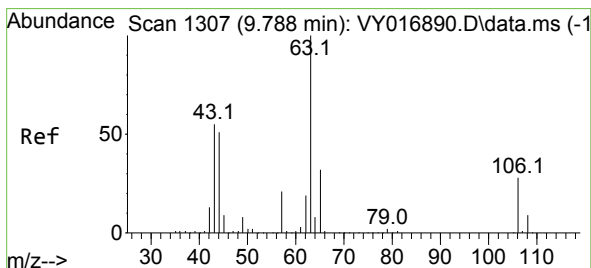
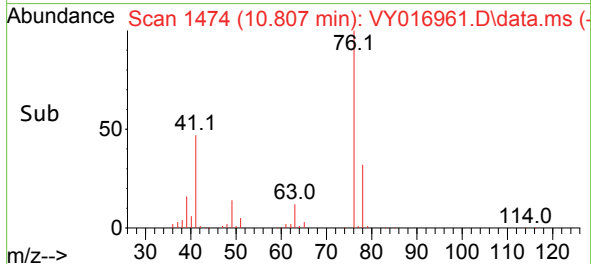
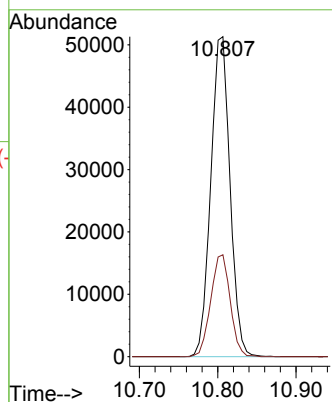
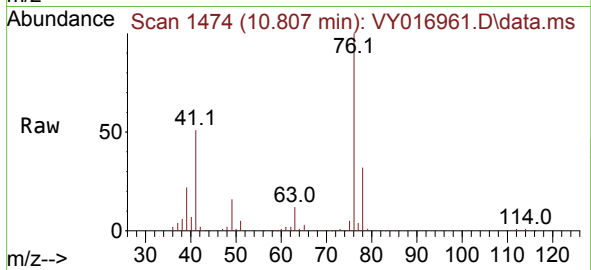




#57
1,3-Dichloropropane
Concen: 52.156 ug/l
RT: 10.807 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

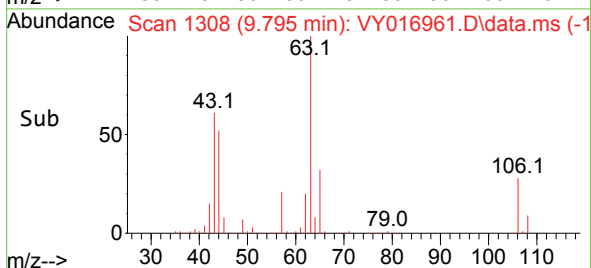
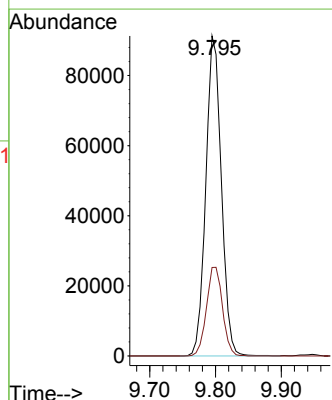
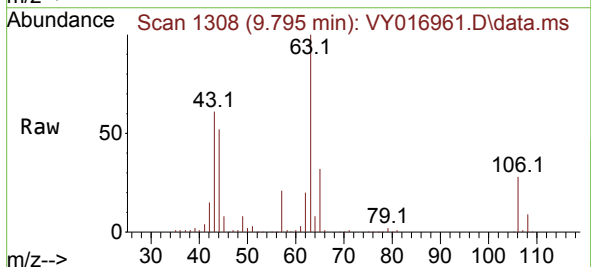
Instrument :
MSVOA_Y
ClientSampleId :

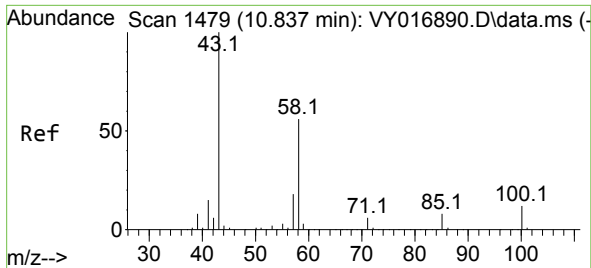
Tgt Ion: 76 Resp: 87434
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 278.097 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 63 Resp: 149953
Ion Ratio Lower Upper
63 100
106 28.7 22.4 33.6

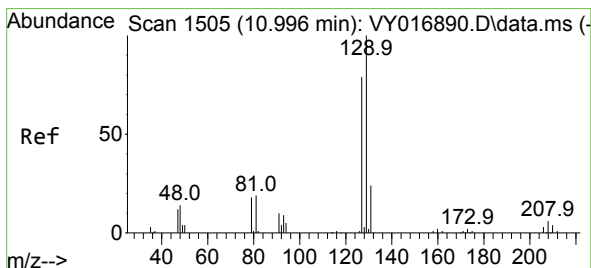
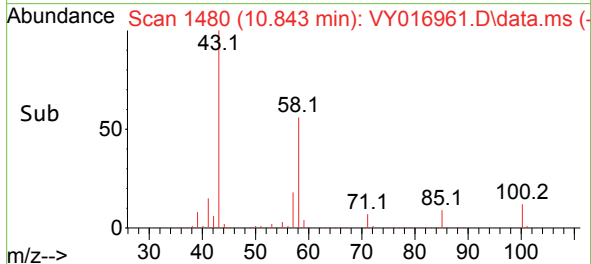
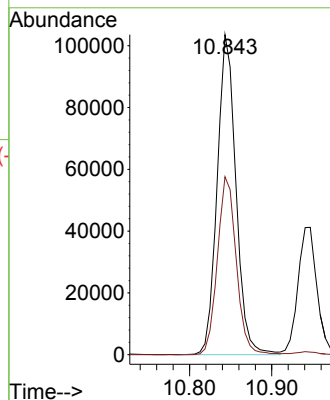
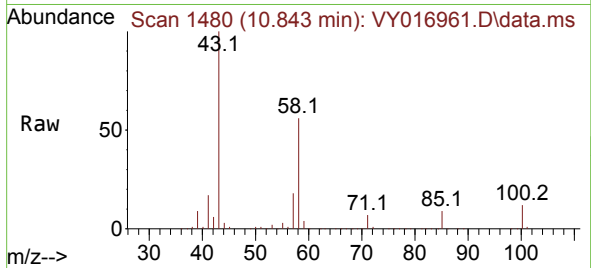




#59
2-Hexanone
Concen: 276.749 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

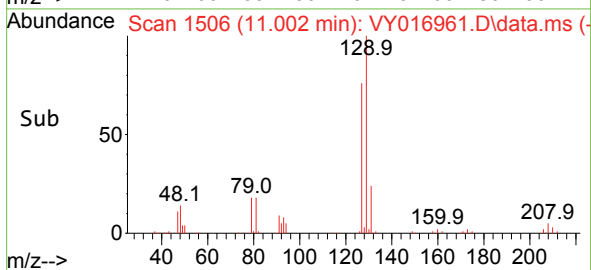
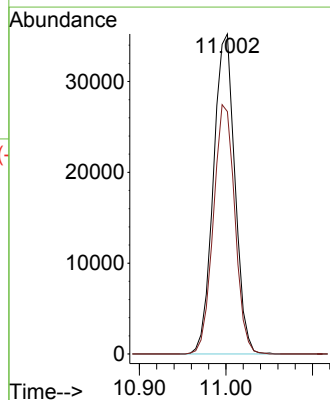
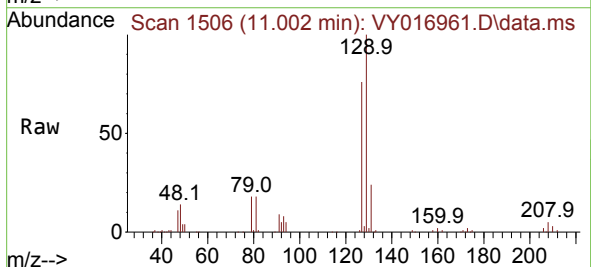
Instrument :
MSVOA_Y
ClientSampleId :

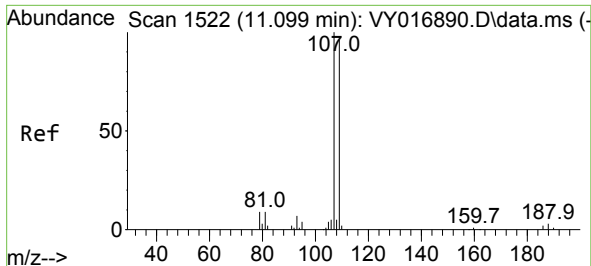
Tgt Ion: 43 Resp: 164457
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 52.425 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion:129 Resp: 60704
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6

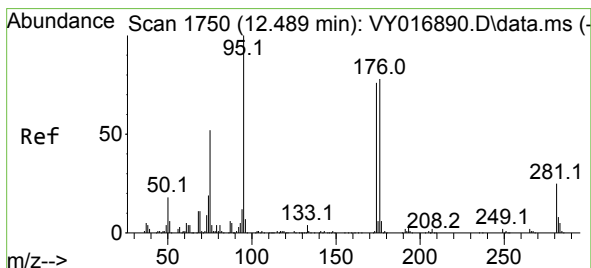
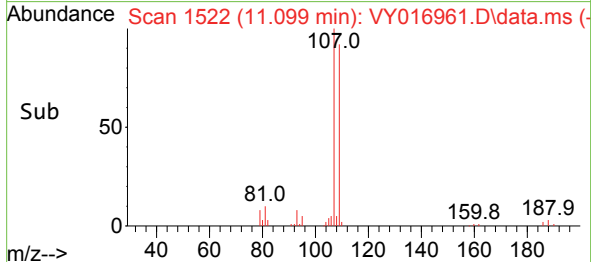
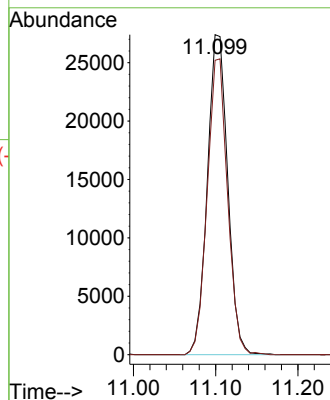
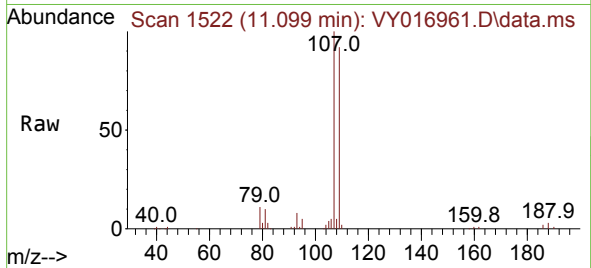




#61
1,2-Dibromoethane
Concen: 54.011 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

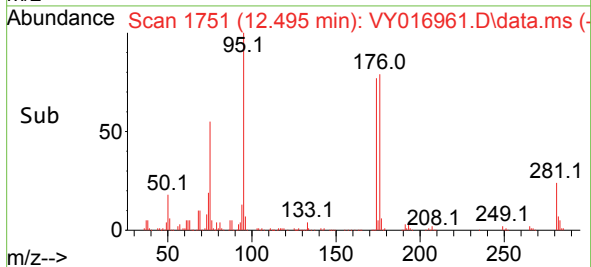
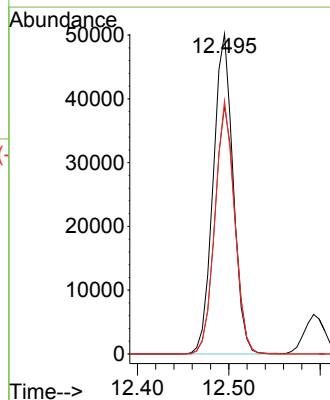
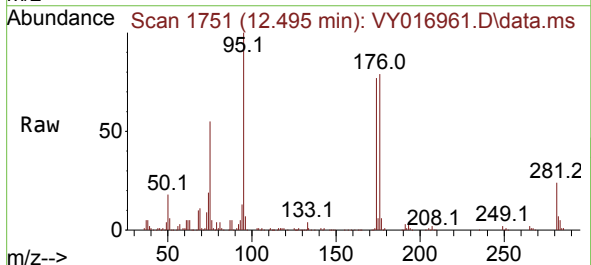
Instrument :
MSVOA_Y
ClientSampleId :

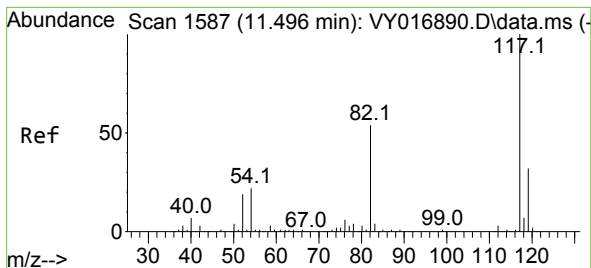
Tgt Ion:107 Resp: 47118
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.744 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 95 Resp: 76101
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.0
176 77.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

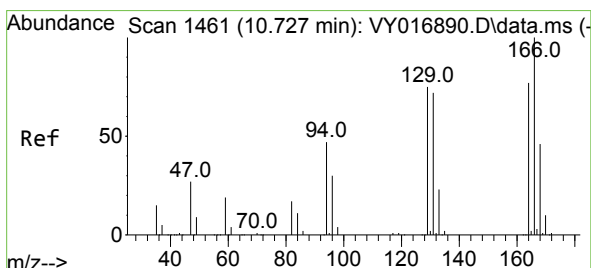
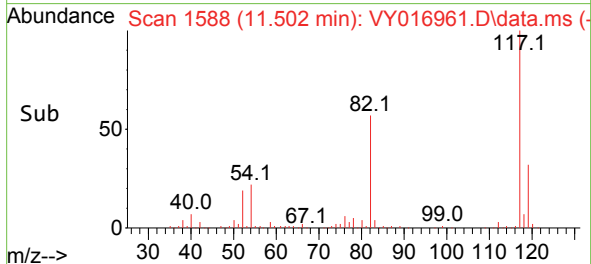
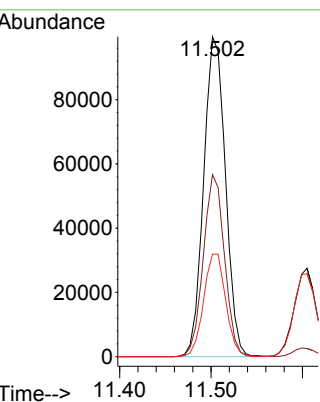
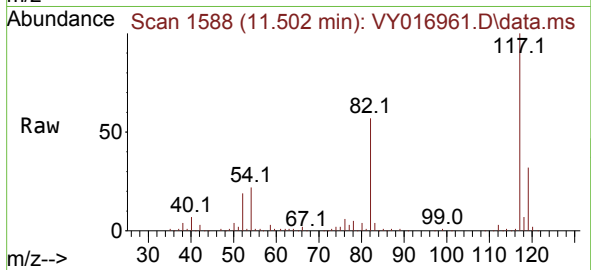
Tgt Ion:117 Resp: 165024

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 32.1 26.5 39.7



#64

Tetrachloroethene

Concen: 46.257 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Tgt Ion:164 Resp: 49489

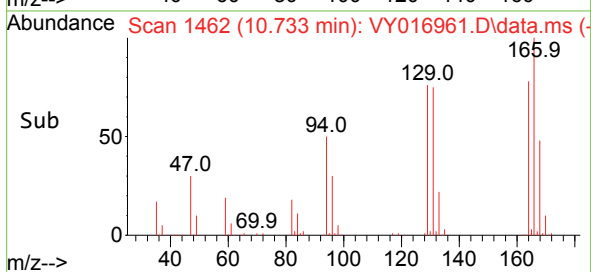
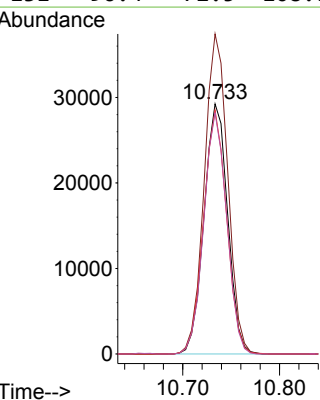
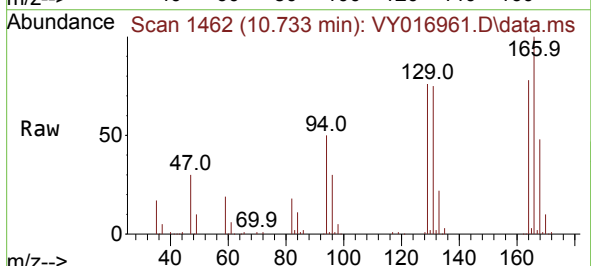
Ion Ratio Lower Upper

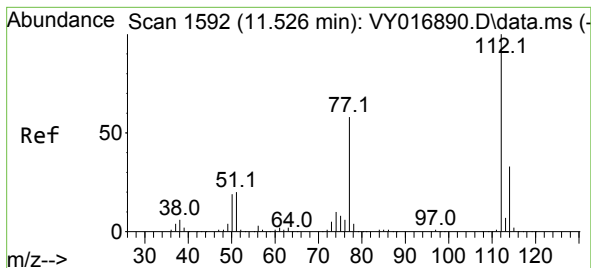
164 100

166 128.0 98.8 148.2

129 97.4 78.9 118.3

131 96.4 72.5 108.7





#65

Chlorobenzene

Concen: 48.056 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

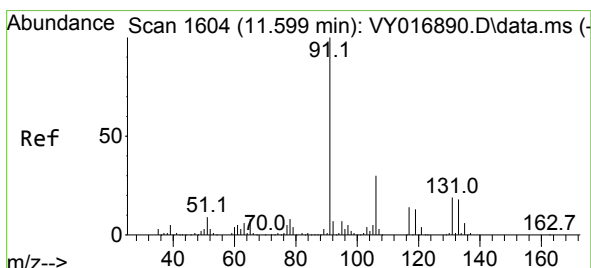
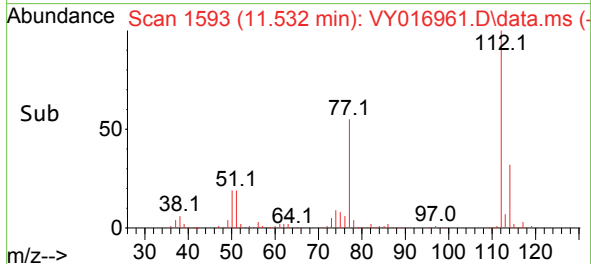
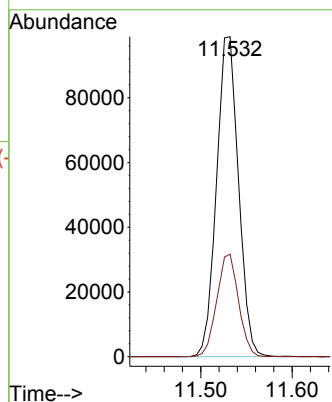
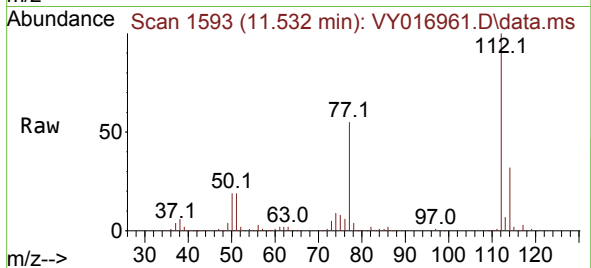
ClientSampleId :

Tgt Ion:112 Resp: 165204

Ion Ratio Lower Upper

112 100

114 32.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 49.790 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

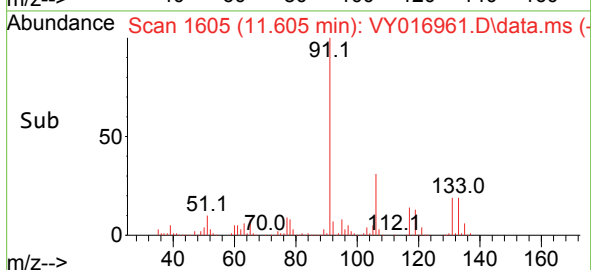
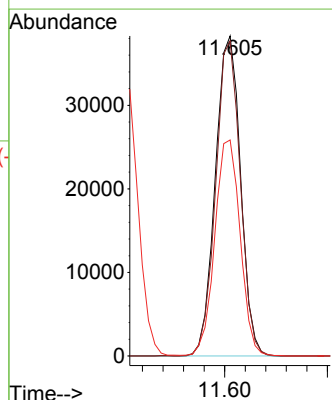
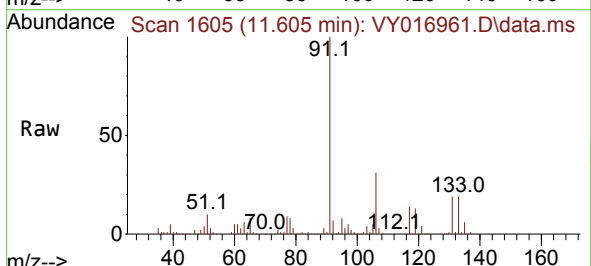
Tgt Ion:131 Resp: 65067

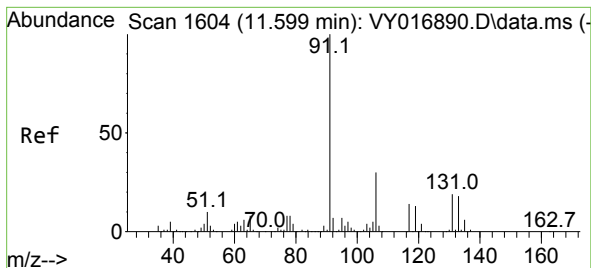
Ion Ratio Lower Upper

131 100

133 96.0 47.0 141.0

119 68.1 33.3 99.9





#67

Ethyl Benzene

Concen: 48.224 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

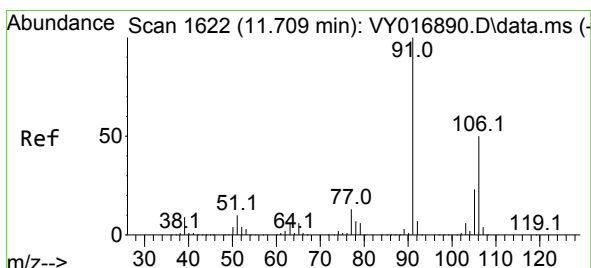
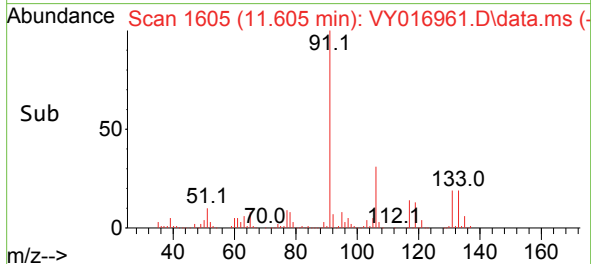
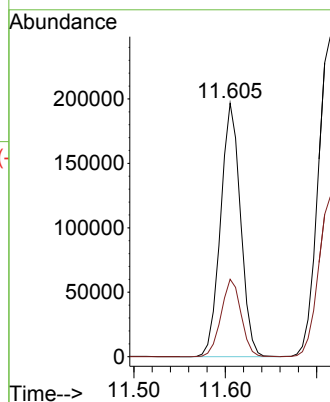
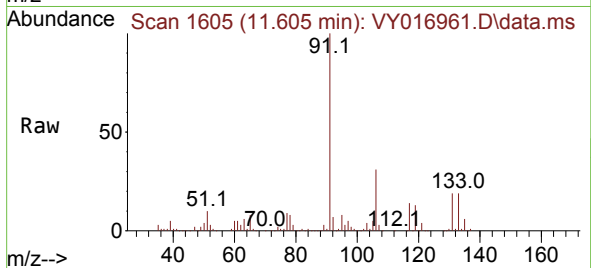
ClientSampleId :

Tgt Ion: 91 Resp: 298466

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 96.956 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016961.D

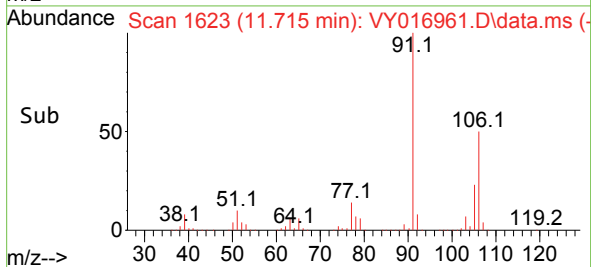
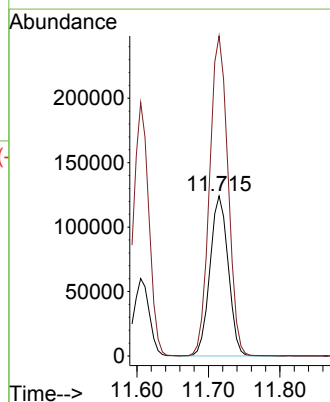
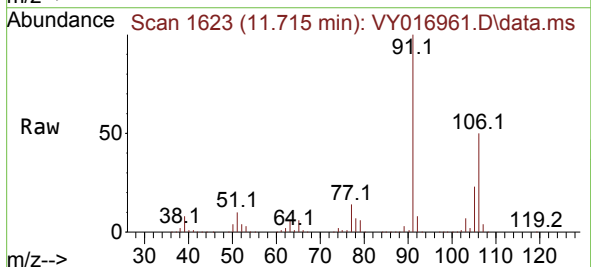
Acq: 09 Jan 2024 20:04

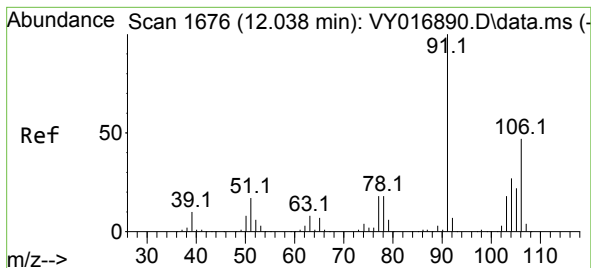
Tgt Ion:106 Resp: 220263

Ion Ratio Lower Upper

106 100

91 201.7 160.7 241.1





#69

o-Xylene

Concen: 49.072 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

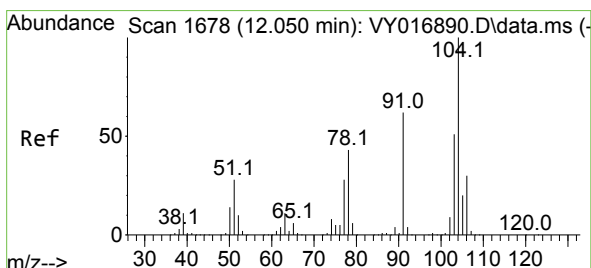
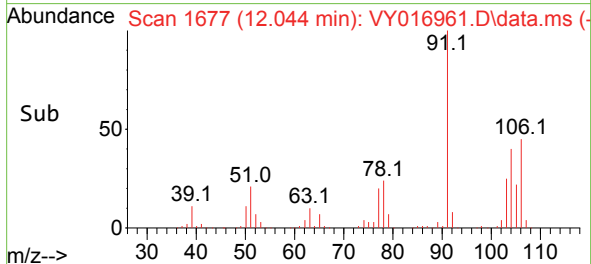
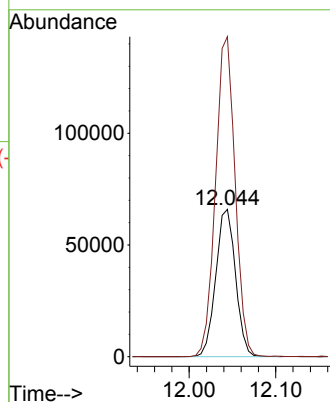
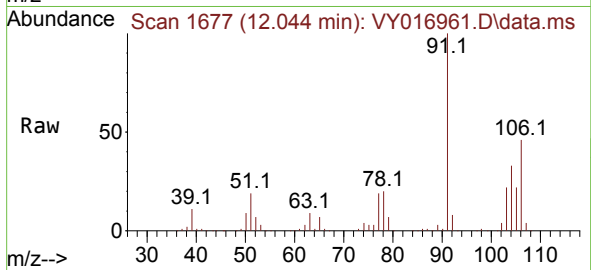
ClientSampleId :

Tgt Ion:106 Resp: 104510

Ion Ratio Lower Upper

106 100

91 215.5 106.5 319.5



#70

Styrene

Concen: 50.727 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

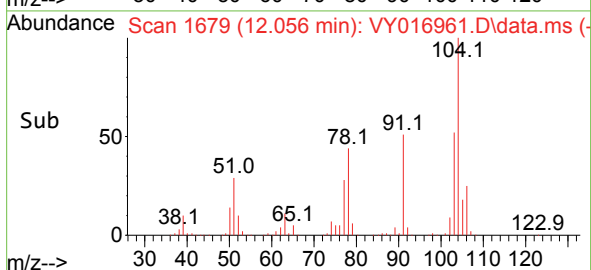
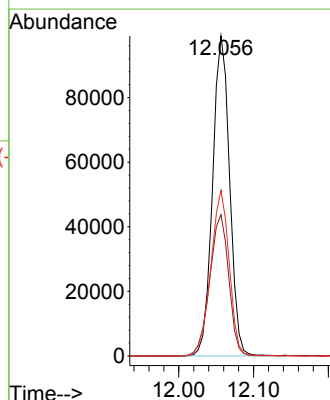
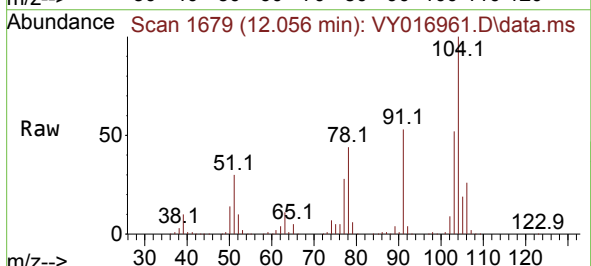
Tgt Ion:104 Resp: 157236

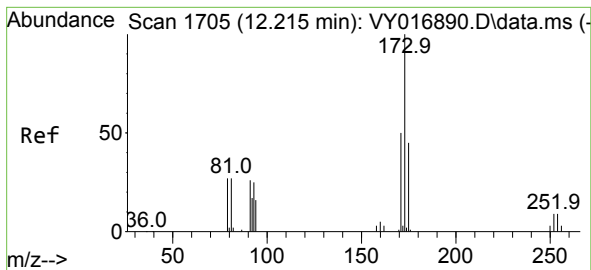
Ion Ratio Lower Upper

104 100

78 49.2 39.2 58.8

103 55.7 43.8 65.6





#71

Bromoform

Concen: 53.263 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

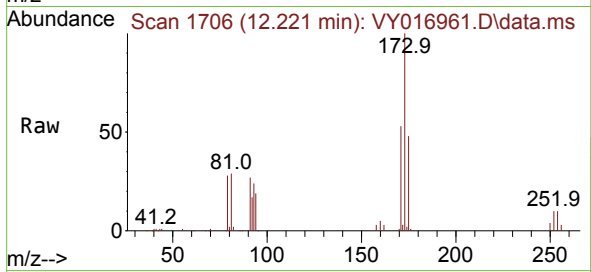
Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :



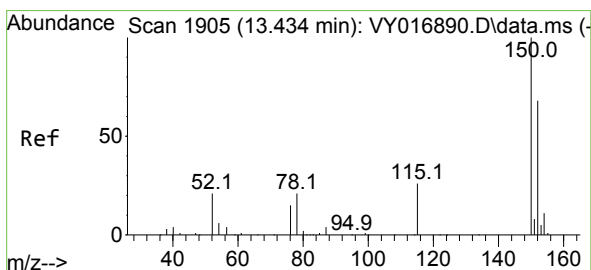
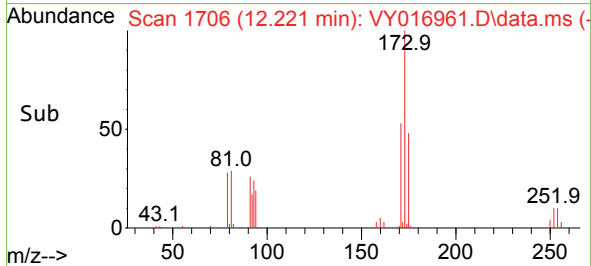
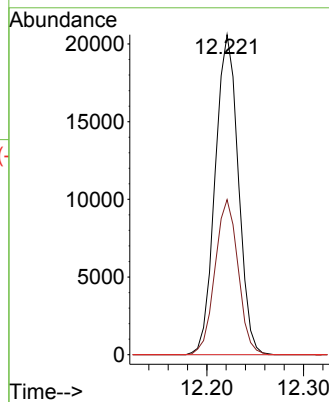
Tgt Ion:173 Resp: 34266

Ion Ratio Lower Upper

173 100

175 48.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

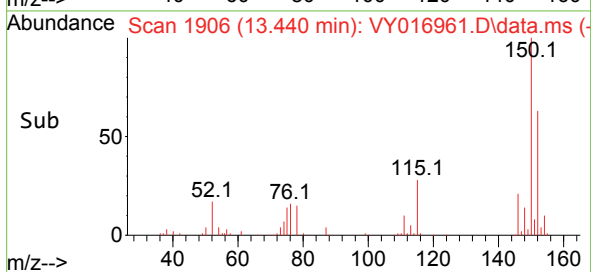
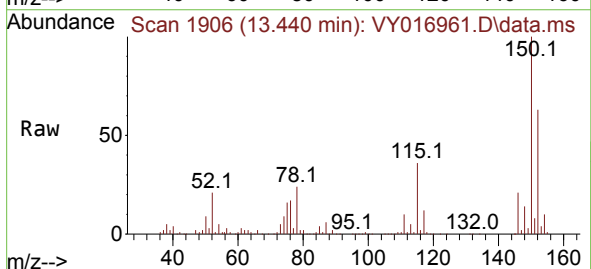
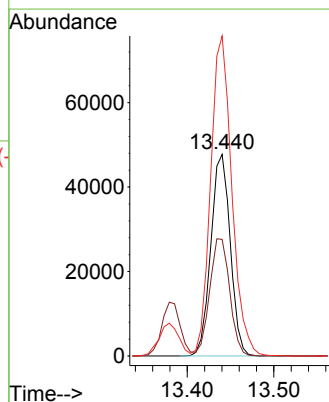
Tgt Ion:152 Resp: 74404

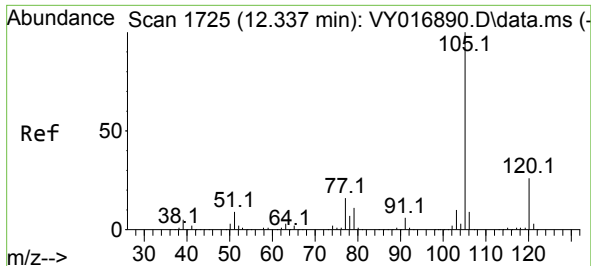
Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 173.0 0.0 344.6

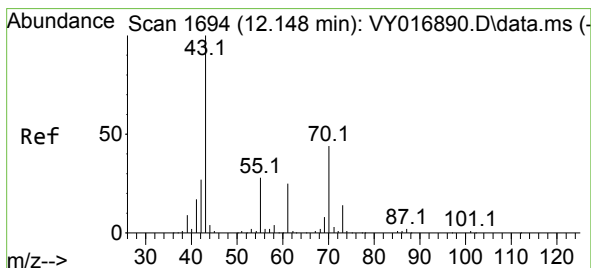
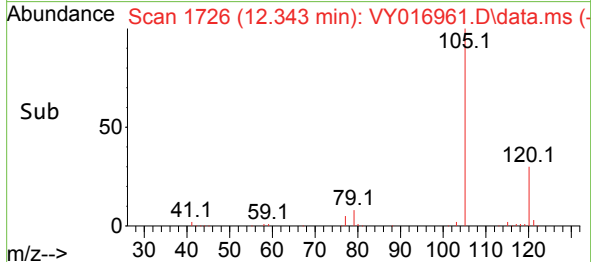
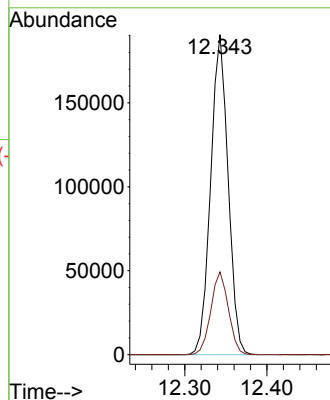
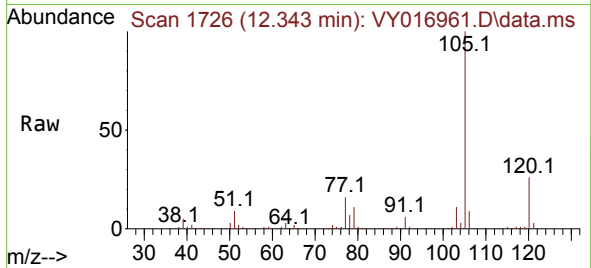




#73
Isopropylbenzene
Concen: 46.217 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

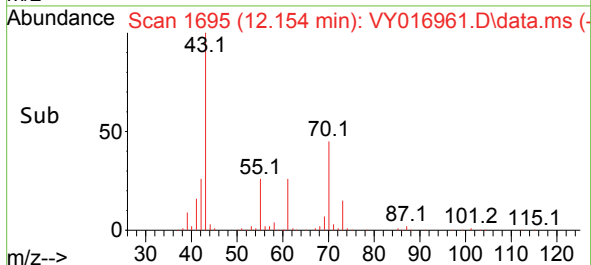
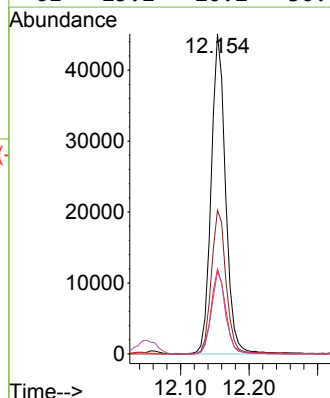
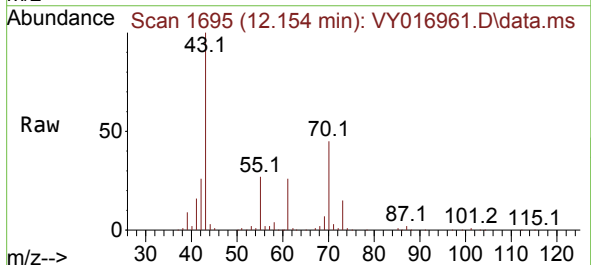
Instrument :
MSVOA_Y
ClientSampleId :

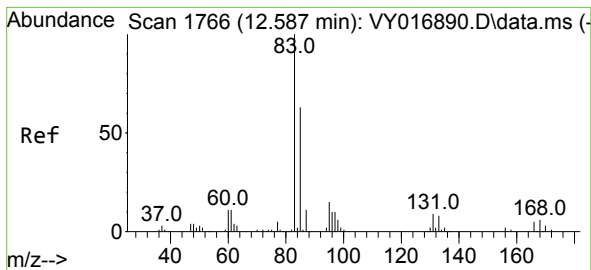
Tgt Ion:105 Resp: 280807
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 53.895 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 43 Resp: 65791
Ion Ratio Lower Upper
43 100
70 46.1 36.6 55.0
55 26.9 22.2 33.4
61 25.2 20.2 30.4

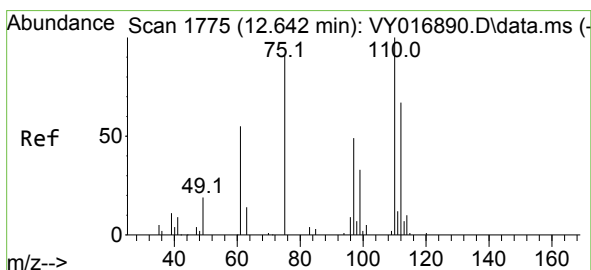
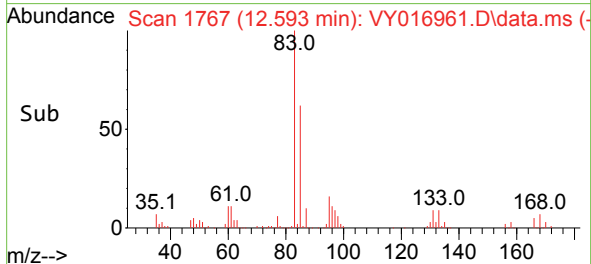
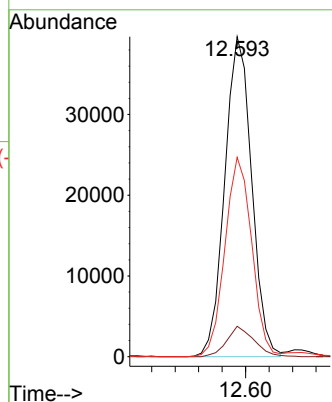
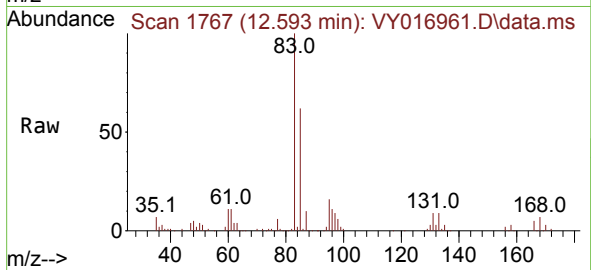




#75
1,1,2,2-Tetrachloroethane
Concen: 51.001 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

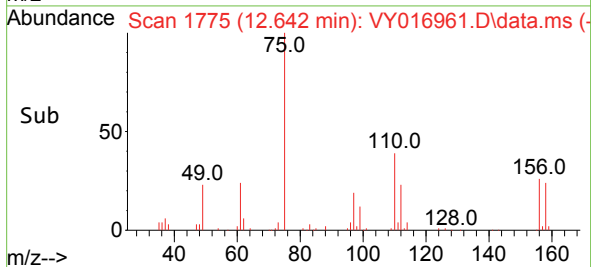
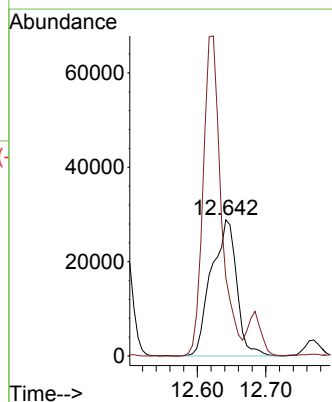
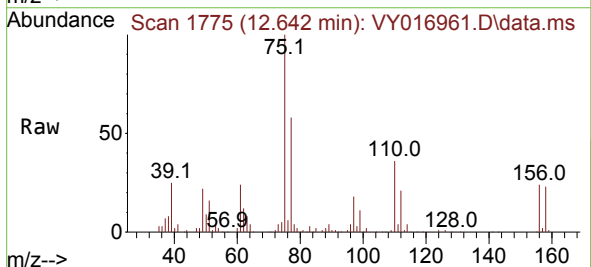
Instrument :
MSVOA_Y
ClientSampleId :

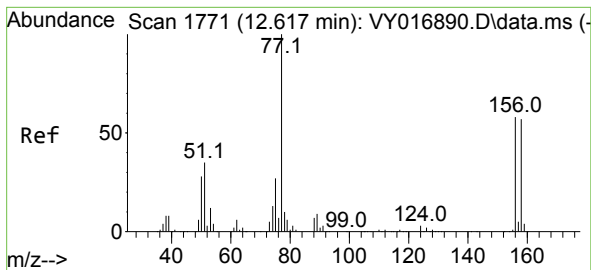
Tgt Ion: 83 Resp: 63138
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 62.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 91.738 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 75 Resp: 74071
Ion Ratio Lower Upper
75 100
77 169.4 0.0 0.0#





#77

Bromobenzene

Concen: 47.241 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016961.D

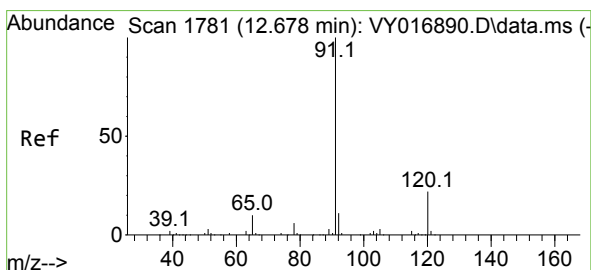
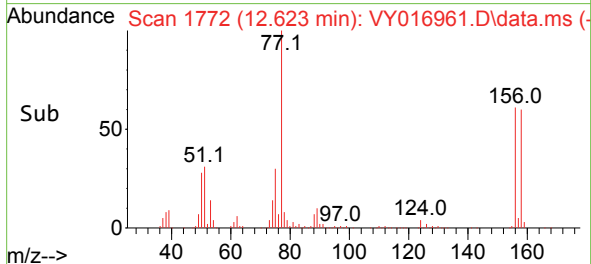
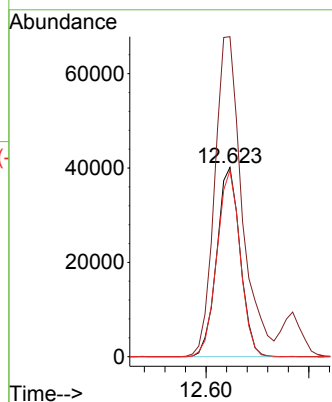
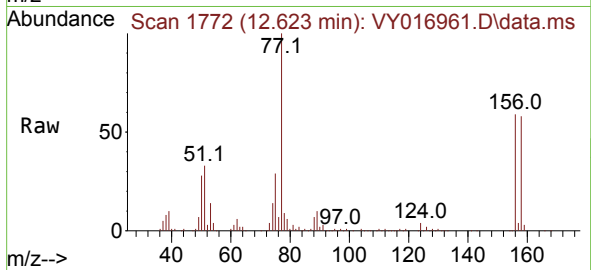
Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	63196
Ion Ratio	Lower	Upper	
156	100		
77	198.5	97.3	291.8
158	98.0	48.4	145.0



#78

n-propylbenzene

Concen: 45.461 ug/l

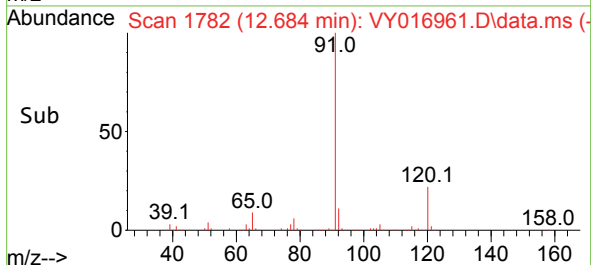
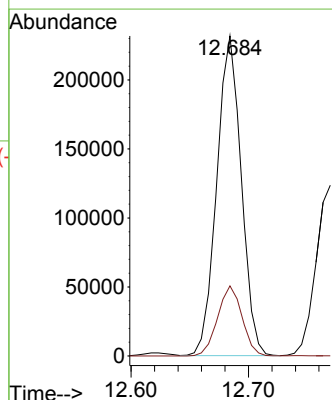
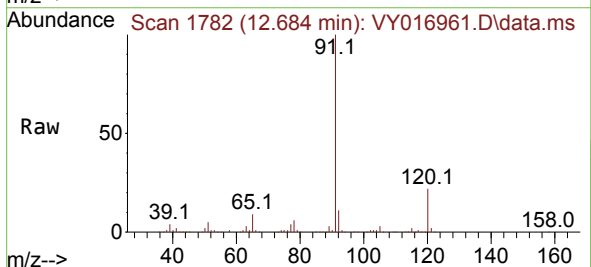
RT: 12.684 min Scan# 1782

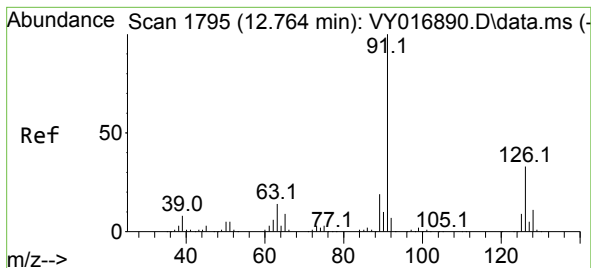
Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Tgt Ion:	91	Resp:	335796
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.0	33.0





#79

2-Chlorotoluene

Concen: 46.570 ug/l

RT: 12.770 min Scan# 1795

Delta R.T. 0.007 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

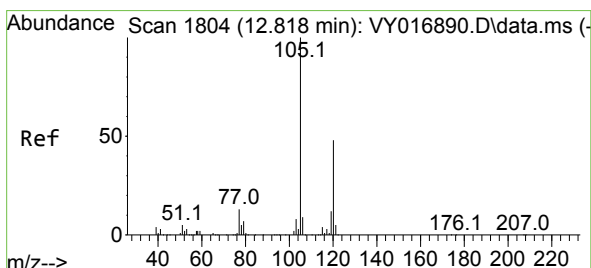
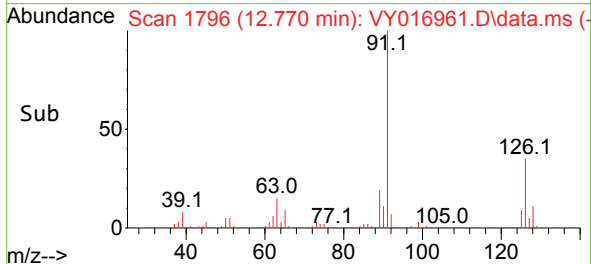
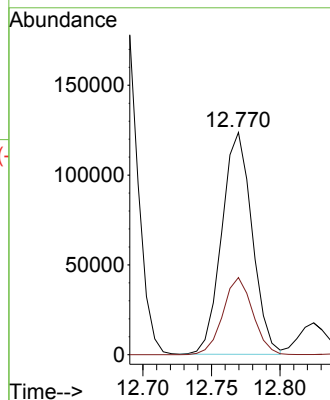
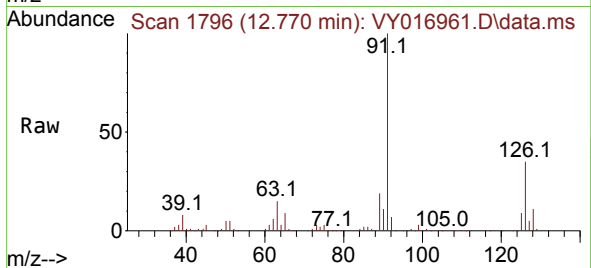
ClientSampleId :

Tgt Ion: 91 Resp: 190749

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 46.890 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016961.D

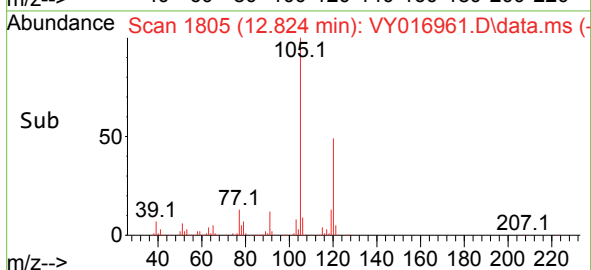
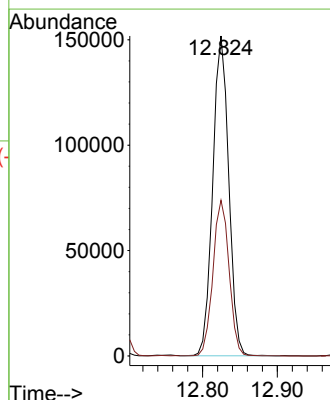
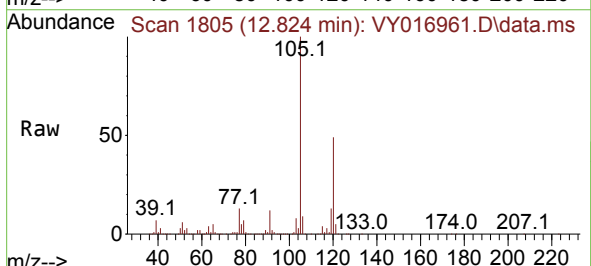
Acq: 09 Jan 2024 20:04

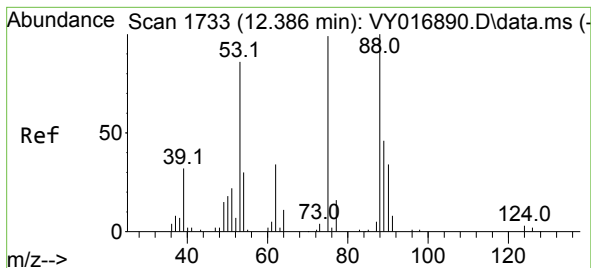
Tgt Ion:105 Resp: 225321

Ion Ratio Lower Upper

105 100

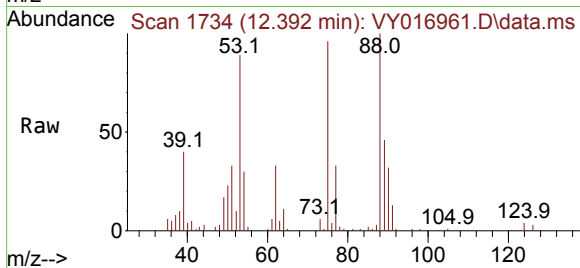
120 49.1 24.3 72.8



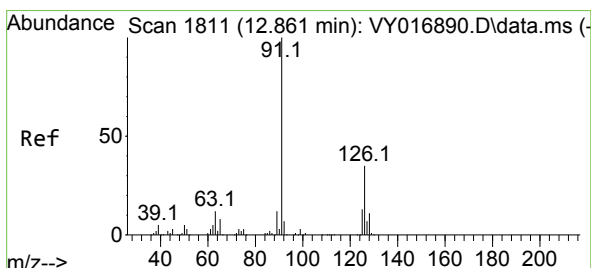
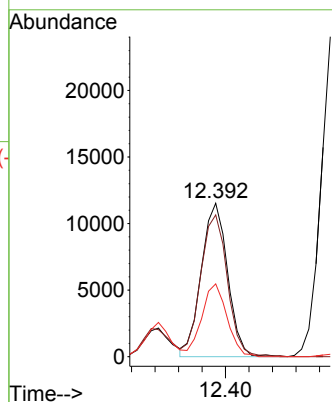
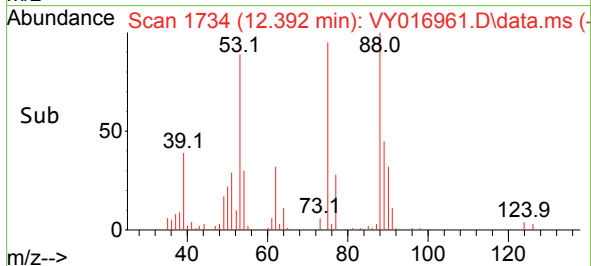


#81
trans-1,4-Dichloro-2-butene
Concen: 50.538 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

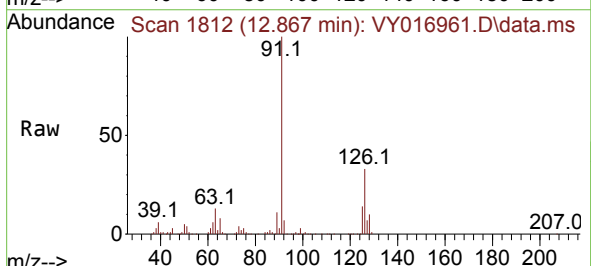
Instrument :
MSVOA_Y
ClientSampleId :



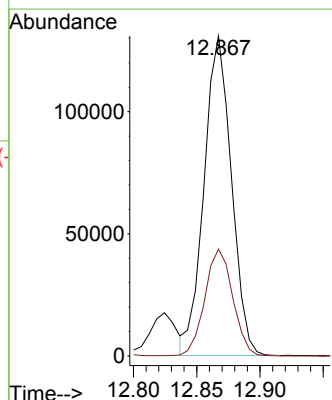
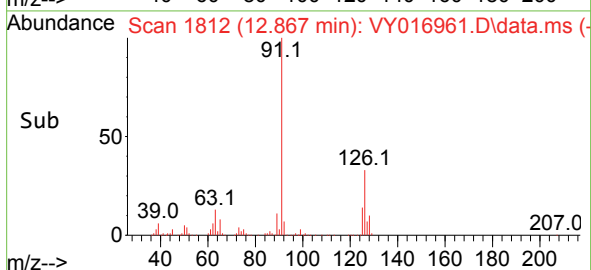
Tgt Ion: 75 Resp: 17970
Ion Ratio Lower Upper
75 100
53 94.0 74.0 111.0
89 44.9 36.5 54.7

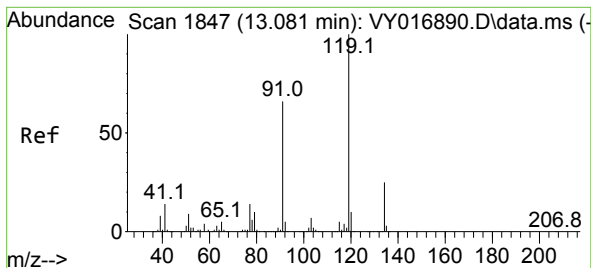


#82
4-Chlorotoluene
Concen: 47.029 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04



Tgt Ion: 91 Resp: 196796
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 45.992 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

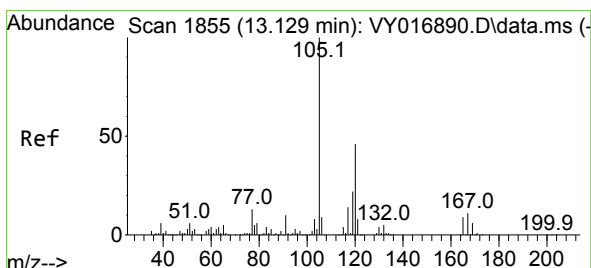
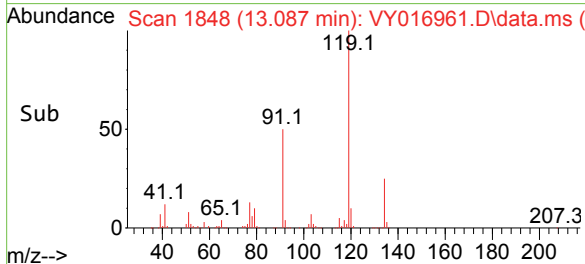
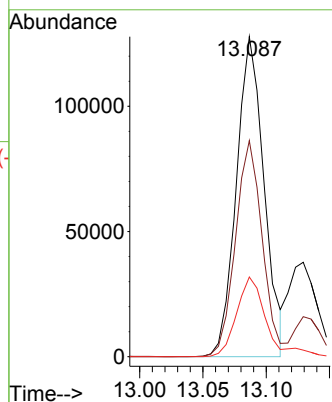
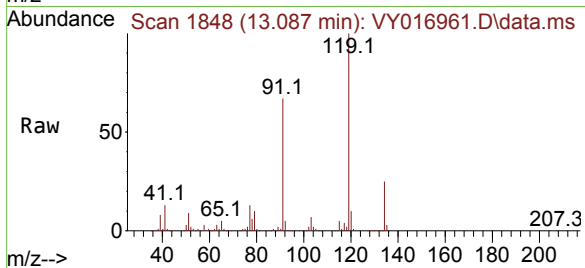
Tgt Ion:119 Resp: 194657

Ion Ratio Lower Upper

119 100

91 65.0 31.5 94.5

134 26.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 48.069 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016961.D

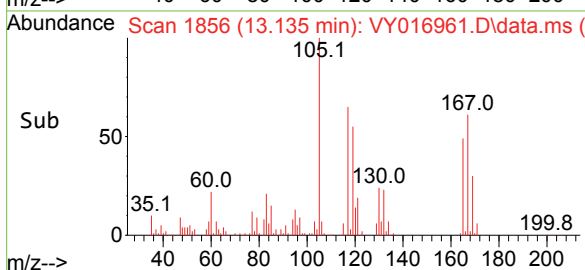
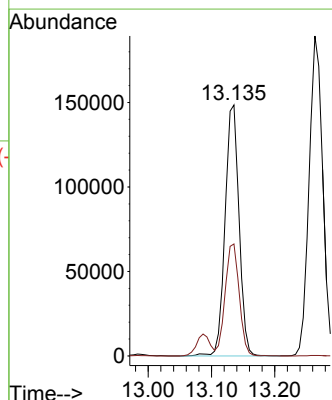
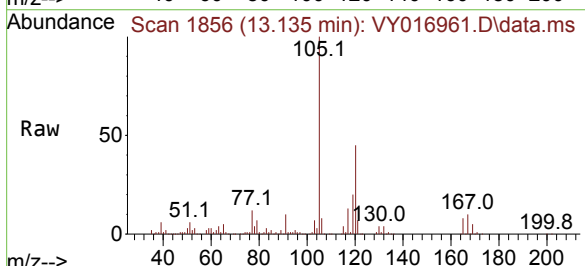
Acq: 09 Jan 2024 20:04

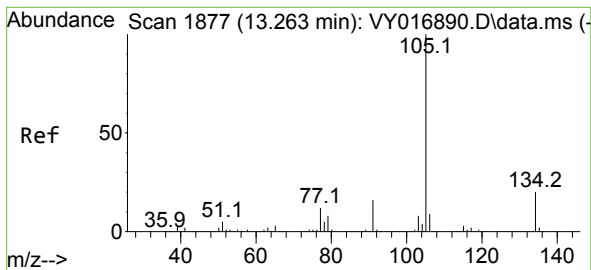
Tgt Ion:105 Resp: 227477

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 44.794 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

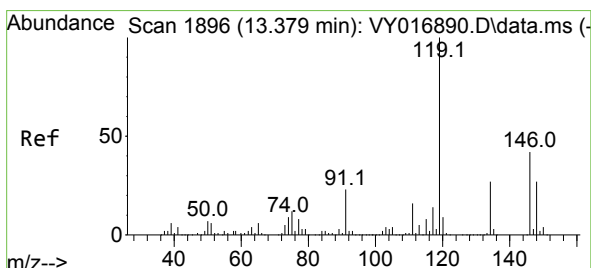
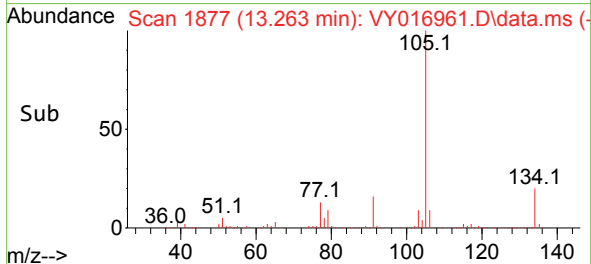
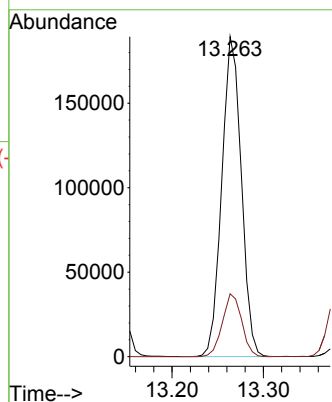
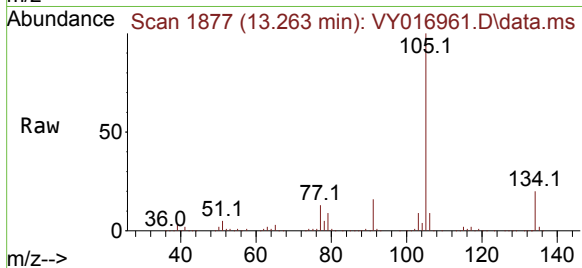
ClientSampleId :

Tgt Ion:105 Resp: 280917

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 45.750 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

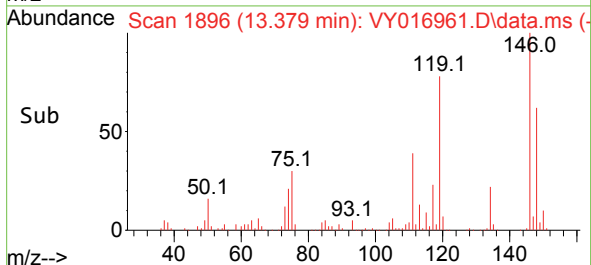
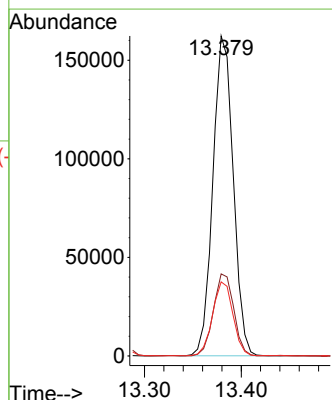
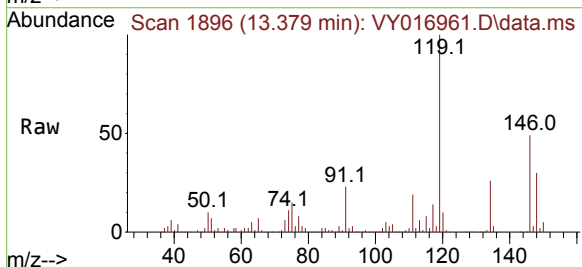
Tgt Ion:119 Resp: 236791

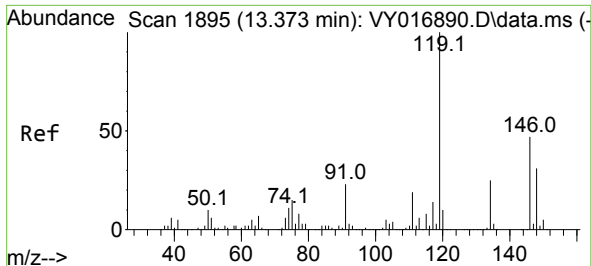
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 46.558 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

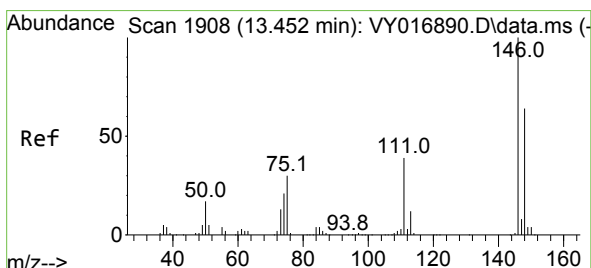
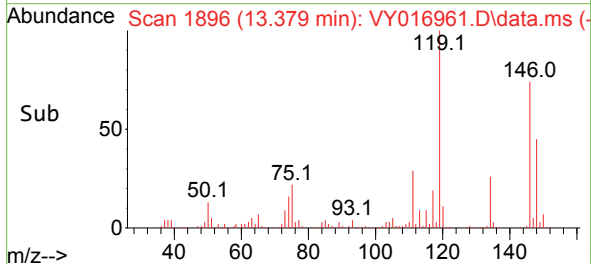
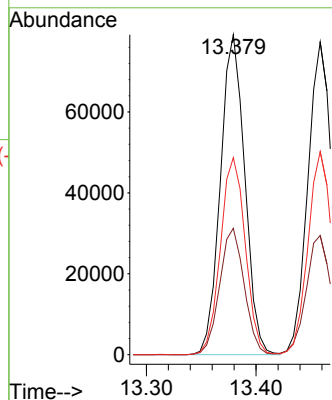
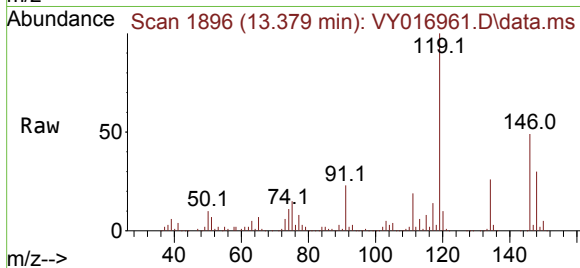
Tgt Ion:146 Resp: 122149

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.5

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 46.390 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

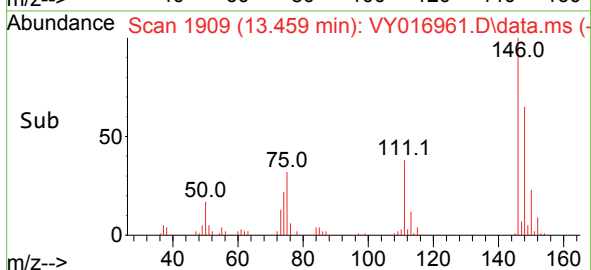
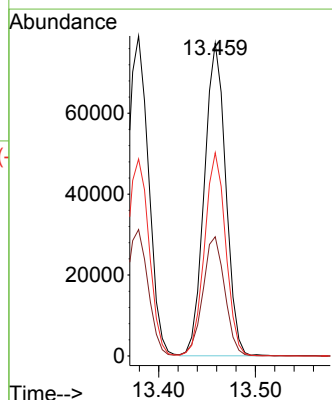
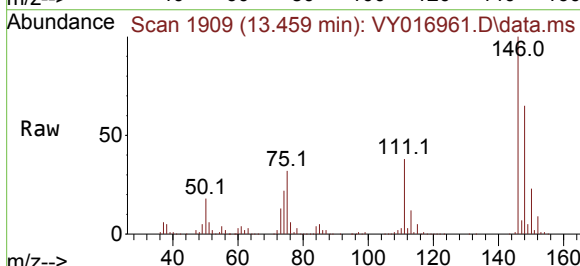
Tgt Ion:146 Resp: 119039

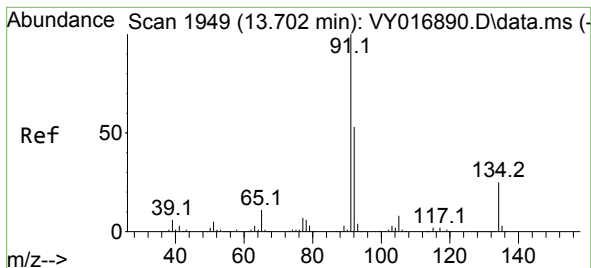
Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.9

148 64.5 31.6 94.7





#89

n-Butylbenzene

Concen: 44.144 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

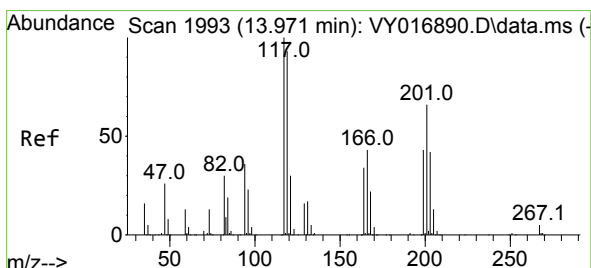
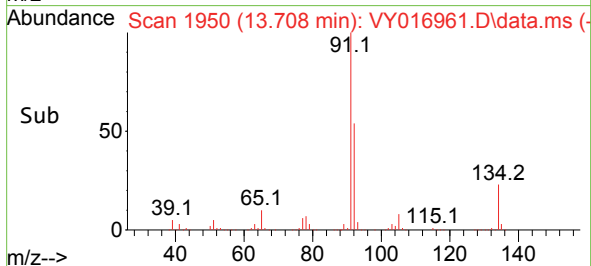
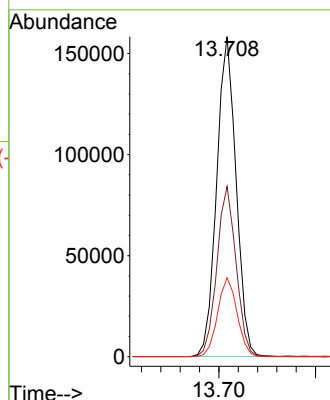
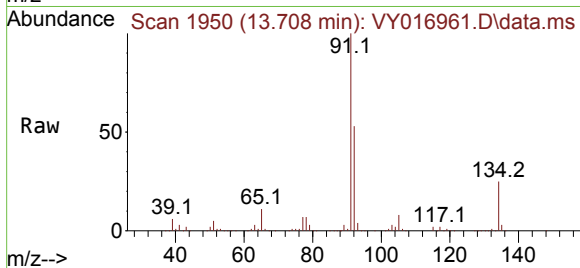
Tgt Ion: 91 Resp: 219675

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 24.8 12.3 36.8



#90

Hexachloroethane

Concen: 43.707 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016961.D

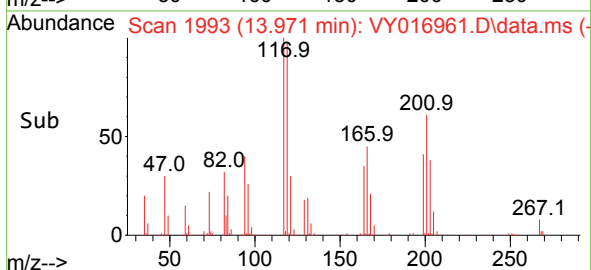
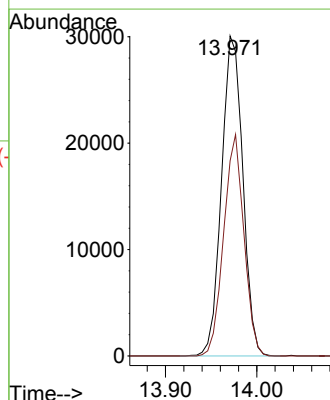
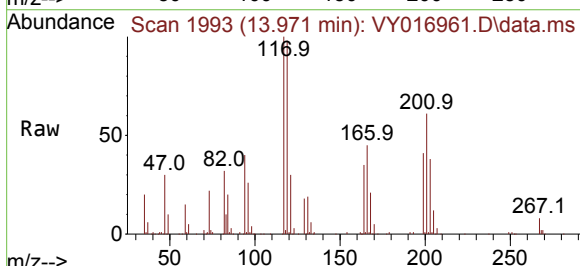
Acq: 09 Jan 2024 20:04

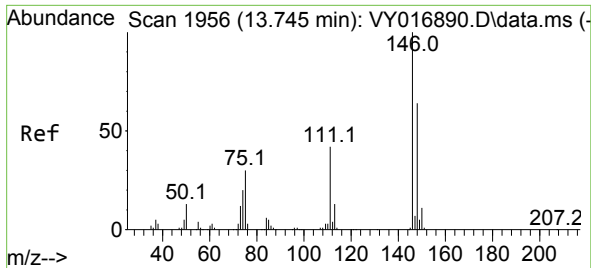
Tgt Ion: 117 Resp: 48610

Ion Ratio Lower Upper

117 100

201 66.0 33.4 100.1

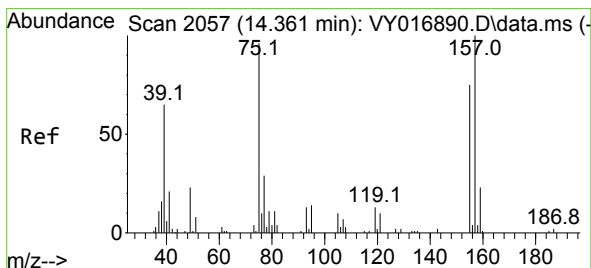
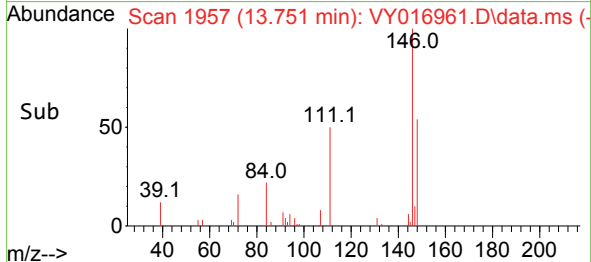
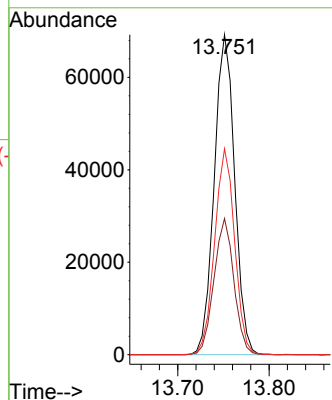
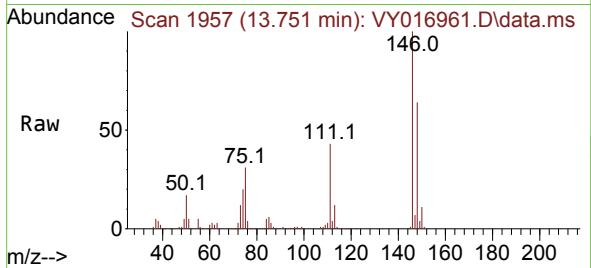




#91
1,2-Dichlorobenzene
Concen: 47.451 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

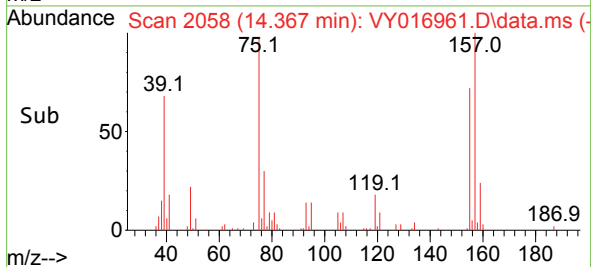
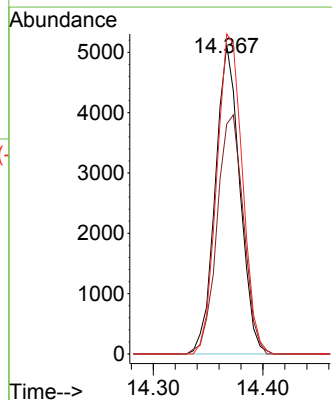
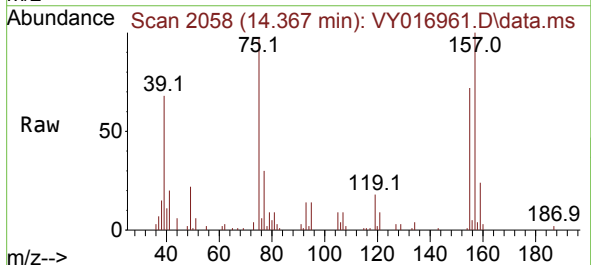
Instrument :
MSVOA_Y
ClientSampleId :

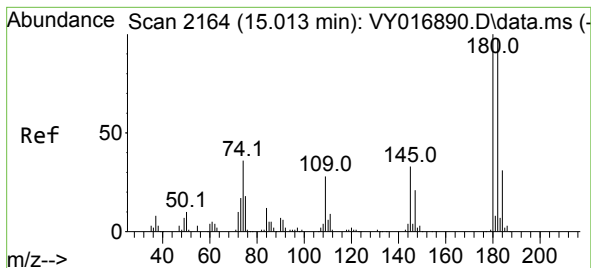
Tgt Ion:146 Resp: 107584
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 63.2 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.249 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016961.D
Acq: 09 Jan 2024 20:04

Tgt Ion: 75 Resp: 7956
Ion Ratio Lower Upper
75 100
155 83.1 42.1 126.3
157 108.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 46.733 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

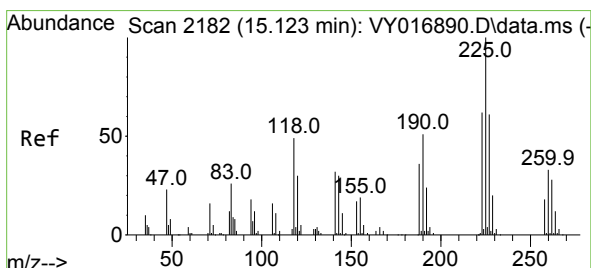
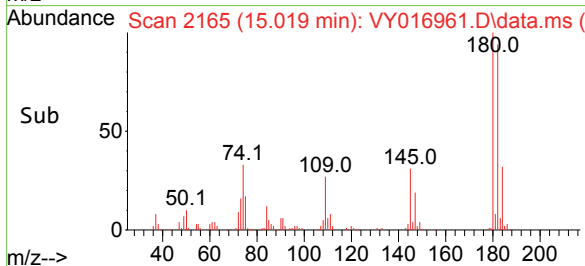
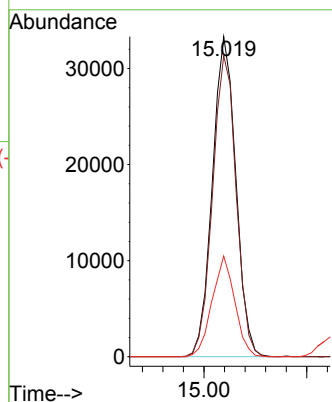
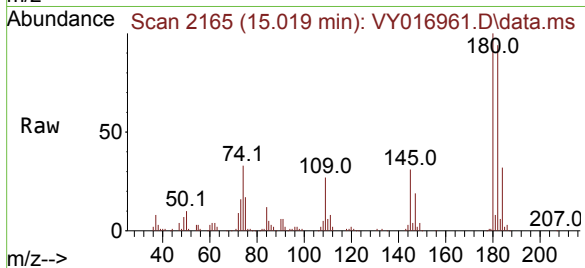
Tgt Ion:180 Resp: 52615

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 39.328 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

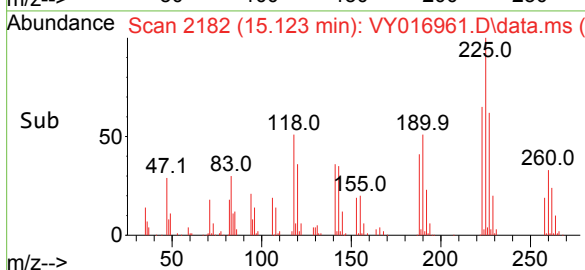
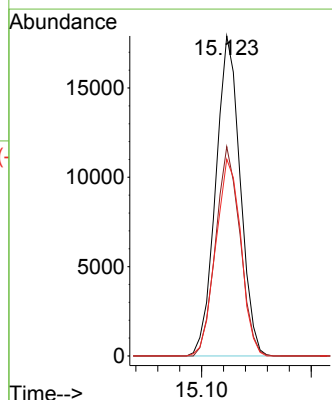
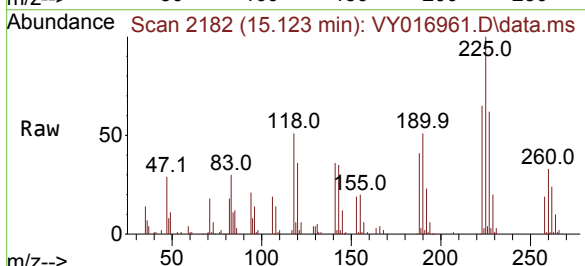
Tgt Ion:225 Resp: 27738

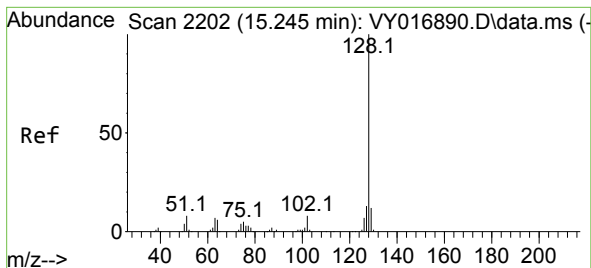
Ion Ratio Lower Upper

225 100

223 65.2 31.4 94.3

227 63.3 32.3 96.8





#95

Naphthalene

Concen: 52.770 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

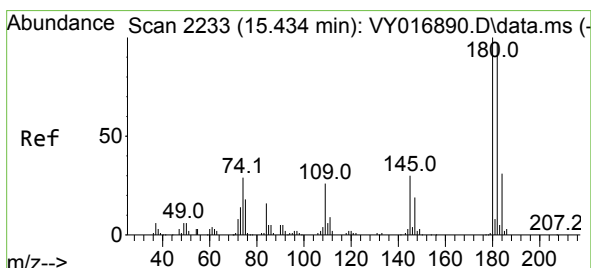
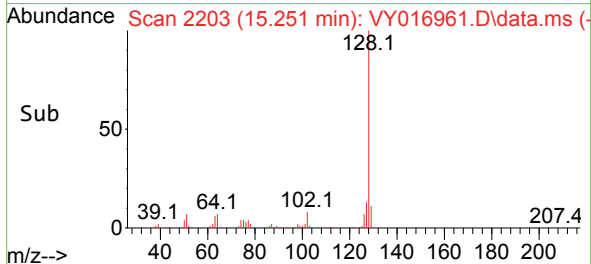
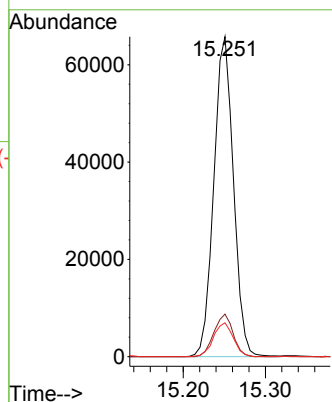
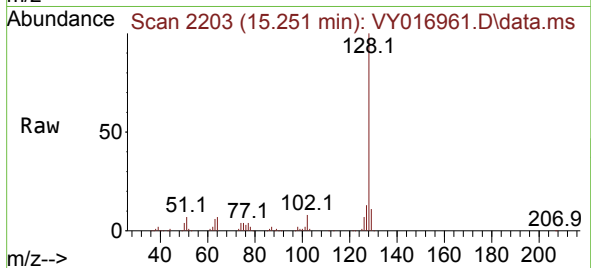
Tgt Ion:128 Resp: 109053

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.849 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016961.D

Acq: 09 Jan 2024 20:04

Tgt Ion:180 Resp: 44787

Ion Ratio Lower Upper

180 100

182 94.4 46.3 138.8

145 32.7 16.1 48.2

