

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016966.D
 Acq On : 10 Jan 2024 12:07
 Operator : SY/MD
 Sample : VY0110SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:10:24 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	115859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	195254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	165492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71598	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59396	51.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.740%	
35) Dibromofluoromethane	7.734	113	63763	51.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.500%	
50) Toluene-d8	10.191	98	227807	53.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.489	95	74715	51.686	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19515	20.465	ug/l	99
3) Chloromethane	2.125	50	28083	20.634	ug/l	99
4) Vinyl Chloride	2.259	62	35710	22.244	ug/l	96
5) Bromomethane	2.656	94	24989	21.728	ug/l	93
6) Chloroethane	2.808	64	23780	21.898	ug/l	99
7) Trichlorofluoromethane	3.137	101	43017	21.747	ug/l	100
8) Diethyl Ether	3.540	74	13587	21.493	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	28129	21.871	ug/l	99
10) Methyl Iodide	4.107	142	22047	20.149	ug/l	99
11) Tert butyl alcohol	4.966	59	10335	104.777	ug/l	99
12) 1,1-Dichloroethene	3.887	96	23715	21.490	ug/l	97
13) Acrolein	3.741	56	13636	104.623	ug/l	97
14) Allyl chloride	4.497	41	37278	21.368	ug/l	99
15) Acrylonitrile	5.180	53	31729	107.307	ug/l	98
16) Acetone	3.954	43	41710	136.866	ug/l	94
17) Carbon Disulfide	4.216	76	47699	18.090	ug/l	98
18) Methyl Acetate	4.497	43	23322	19.010	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	62528	21.780	ug/l	96
20) Methylene Chloride	4.735	84	40699	23.152	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	26065	20.623	ug/l	98
22) Diisopropyl ether	6.137	45	88299	21.893	ug/l	99
23) Vinyl Acetate	6.082	43	205903	111.341	ug/l	99
24) 1,1-Dichloroethane	6.033	63	53100	21.909	ug/l	99
25) 2-Butanone	7.003	43	49887	122.724	ug/l	98
26) 2,2-Dichloropropane	7.003	77	46457	22.107	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	32219	21.747	ug/l	96
28) Bromochloromethane	7.350	49	19792	21.752	ug/l	99
29) Tetrahydrofuran	7.368	42	24107	104.015	ug/l	98
30) Chloroform	7.521	83	55646	22.280	ug/l	100
31) Cyclohexane	7.801	56	39107	19.898	ug/l #	94
32) 1,1,1-Trichloroethane	7.722	97	46475	21.946	ug/l	97
36) 1,1-Dichloropropene	7.935	75	38942	21.476	ug/l	100
37) Ethyl Acetate	7.088	43	17384	21.096	ug/l	99
38) Carbon Tetrachloride	7.917	117	40259	21.853	ug/l	99
39) Methylcyclohexane	9.197	83	42117	20.661	ug/l	96
40) Benzene	8.179	78	116434	21.405	ug/l	100

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:10:24 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)
41) Methacrylonitrile	7.320	41	7684	17.706	ug/l #	75
42) 1,2-Dichloroethane	8.252	62	31735	21.976	ug/l	98
43) Isopropyl Acetate	8.289	43	33178	21.025	ug/l	99
44) Trichloroethene	8.953	130	29740	21.487	ug/l	97
45) 1,2-Dichloropropane	9.228	63	30343	21.653	ug/l	100
46) Dibromomethane	9.319	93	15264	21.358	ug/l	99
47) Bromodichloromethane	9.508	83	41831	21.796	ug/l	97
48) Methyl methacrylate	9.307	41	17453	20.494	ug/l	96
49) 1,4-Dioxane	9.313	88	3107	419.862	ug/l	90
51) 4-Methyl-2-Pentanone	10.081	43	90434	107.760	ug/l	100
52) Toluene	10.258	92	72425	22.062	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	37050	21.553	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	45089	21.841	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	22683	21.725	ug/l	96
56) Ethyl methacrylate	10.520	69	18876	21.344	ug/l	100
57) 1,3-Dichloropropane	10.801	76	37452	21.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	46355	94.926	ug/l	99
59) 2-Hexanone	10.843	43	69763	112.896	ug/l	99
60) Dibromochloromethane	10.996	129	25809	21.435	ug/l	97
61) 1,2-Dibromoethane	11.099	107	19705	21.722	ug/l	99
64) Tetrachloroethene	10.734	164	23309	21.725	ug/l	98
65) Chlorobenzene	11.526	112	75319	21.847	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	29456	22.476	ug/l	99
67) Ethyl Benzene	11.605	91	136363	21.970	ug/l	99
68) m/p-Xylenes	11.715	106	101631	44.610	ug/l	99
69) o-Xylene	12.038	106	46572	21.806	ug/l	98
70) Styrene	12.056	104	68627	22.077	ug/l	98
71) Bromoform	12.221	173	14039	21.760	ug/l #	100
73) Isopropylbenzene	12.343	105	132066	22.588	ug/l	99
74) N-amyl acetate	12.154	43	26748	22.770	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	25738	21.605	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	29562	38.048	ug/l #	100
77) Bromobenzene	12.617	156	28049	21.789	ug/l	99
78) n-propylbenzene	12.678	91	161610	22.737	ug/l	99
79) 2-Chlorotoluene	12.770	91	88012	22.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	104730	22.649	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	7047	20.595	ug/l	98
82) 4-Chlorotoluene	12.867	91	91272	22.666	ug/l	99
83) tert-Butylbenzene	13.087	119	95108	23.352	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	104240	22.891	ug/l	98
85) sec-Butylbenzene	13.264	105	138344	22.924	ug/l	100
86) p-Isopropyltoluene	13.379	119	113868	22.863	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	55685	22.057	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	54718	22.160	ug/l	99
89) n-Butylbenzene	13.709	91	110876	23.154	ug/l	99
90) Hexachloroethane	13.971	117	24071	22.491	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	48122	22.056	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3118	20.872	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	24310	22.438	ug/l	98
94) Hexachlorobutadiene	15.123	225	15312	22.561	ug/l	98
95) Naphthalene	15.245	128	40550	22.207	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	20013	21.755	ug/l	99

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Sample : VY0110SBSD01
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ALS Vial : 6 Sample Multiplier: 1

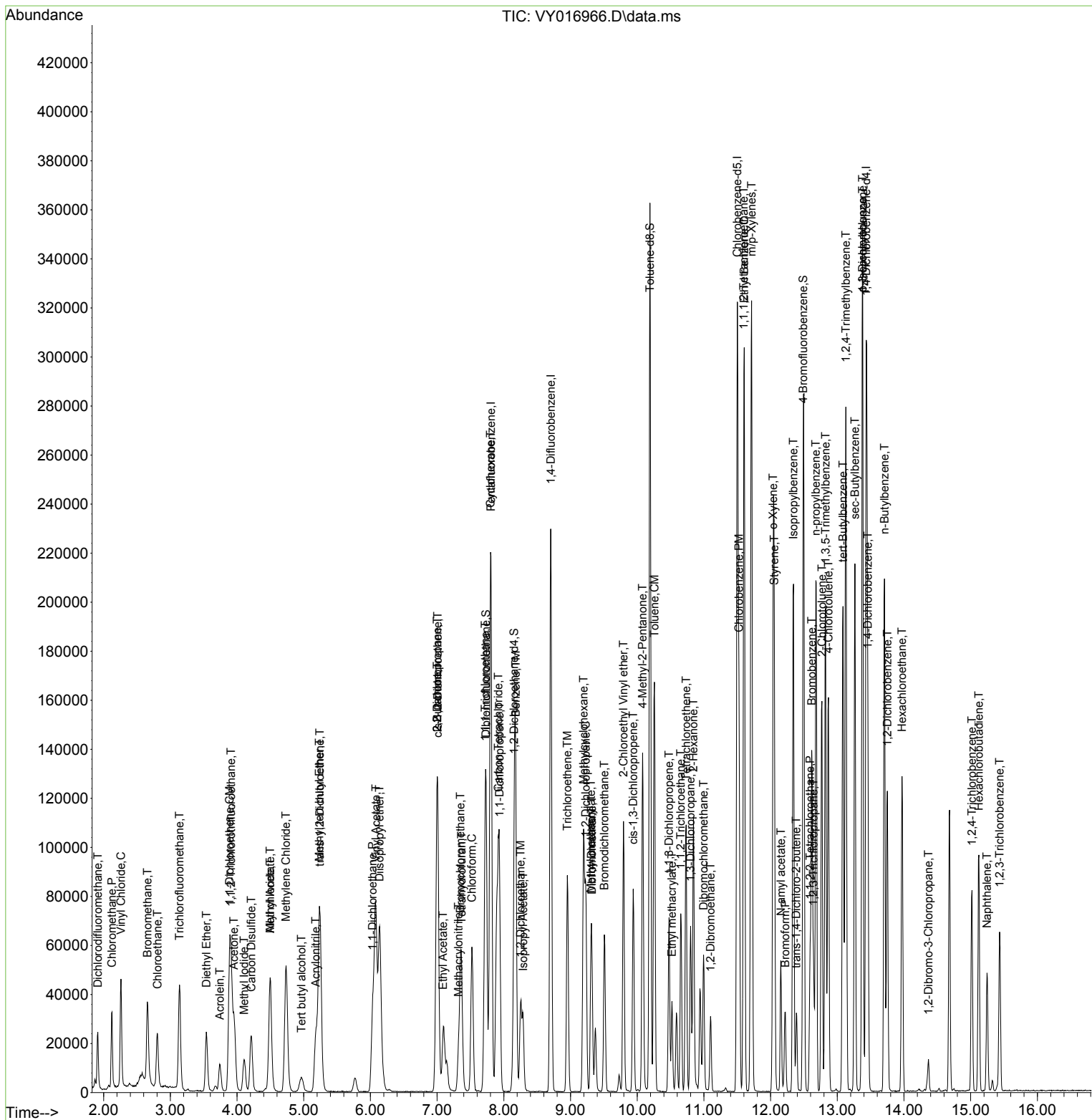
Instrument :
MSVOA_Y
ClientSampleId :

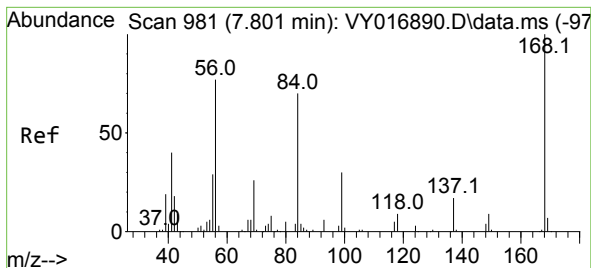
Quant Time: Jan 11 00:10:24 2024
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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

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

Quant Time: Jan 11 00:10:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

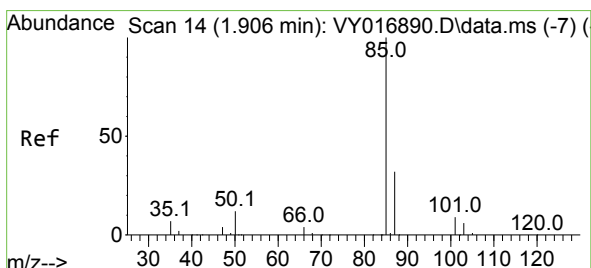
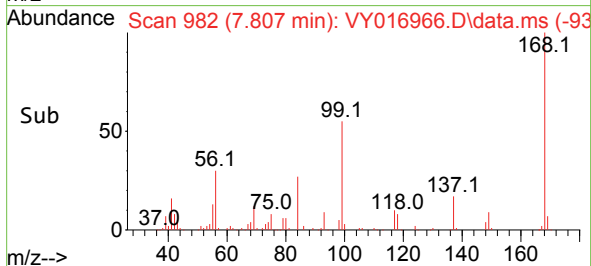
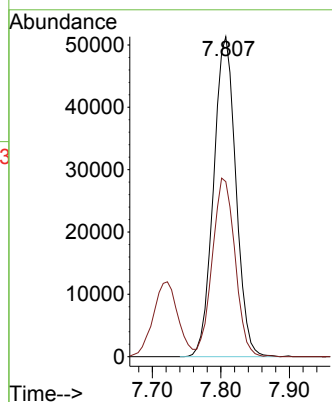
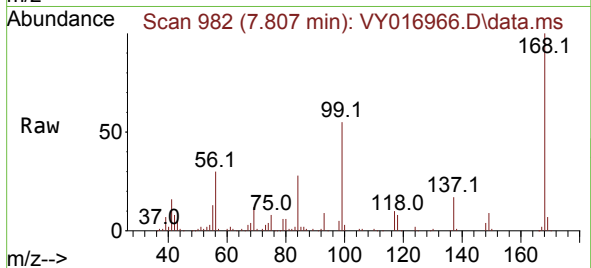
ClientSampleId :

Tgt Ion:168 Resp: 115859

Ion Ratio Lower Upper

168 100

99 54.7 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 20.465 ug/l

RT: 1.912 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY016966.D

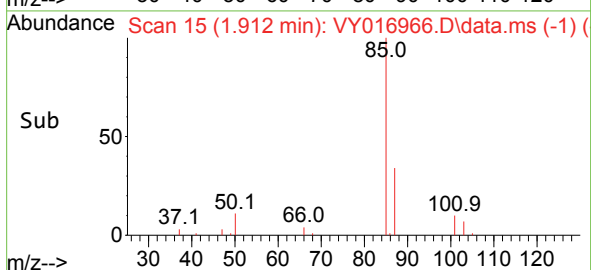
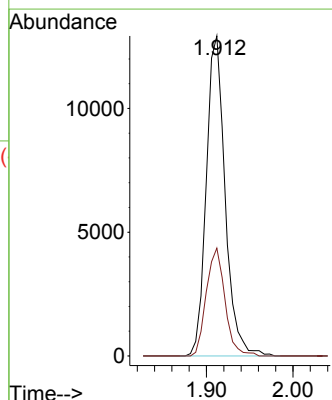
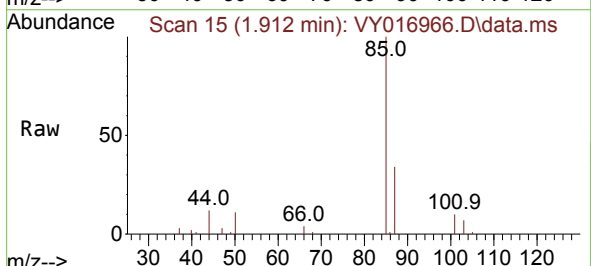
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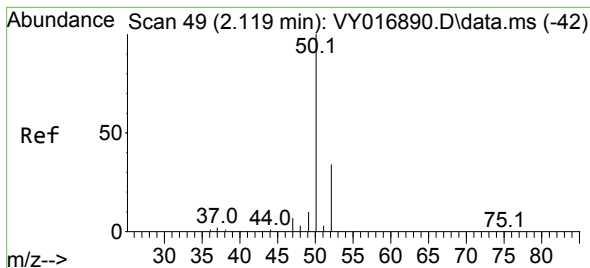
Tgt Ion: 85 Resp: 19515

Ion Ratio Lower Upper

85 100

87 33.7 17.1 51.3





#3

Chloromethane

Concen: 20.634 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

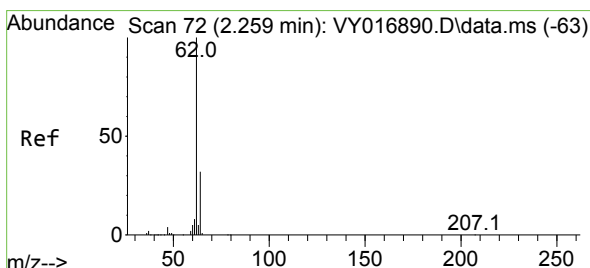
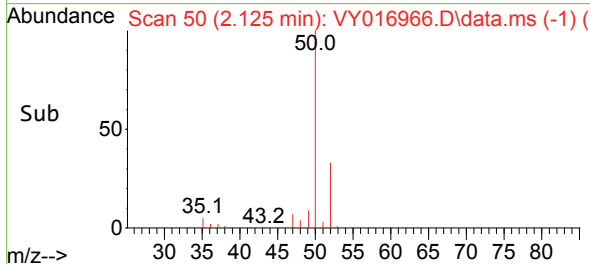
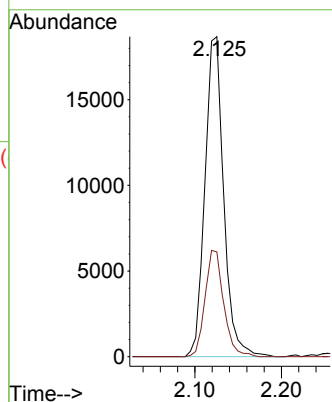
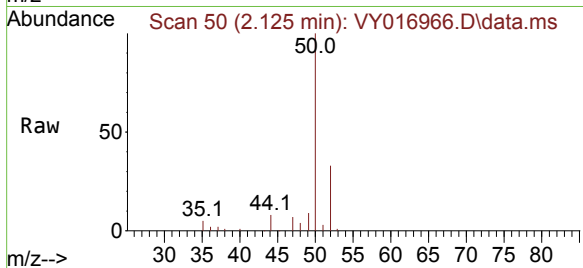
ClientSampleId :

Tgt Ion: 50 Resp: 28083

Ion Ratio Lower Upper

50 100

52 32.7 26.7 40.1



#4

Vinyl Chloride

Concen: 22.244 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016966.D

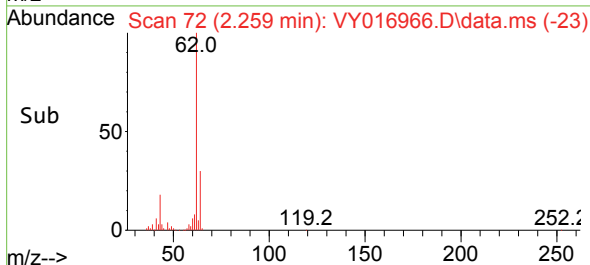
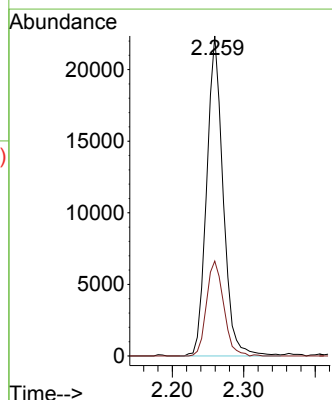
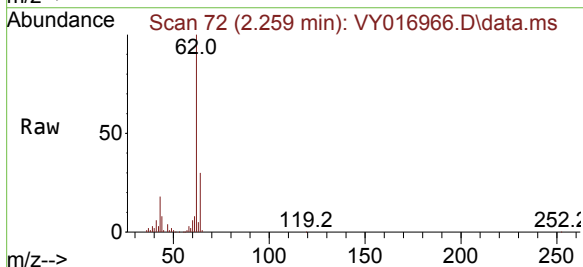
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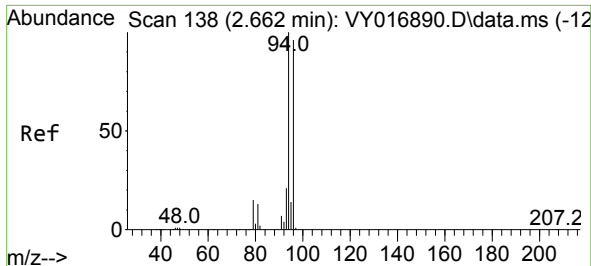
Tgt Ion: 62 Resp: 35710

Ion Ratio Lower Upper

62 100

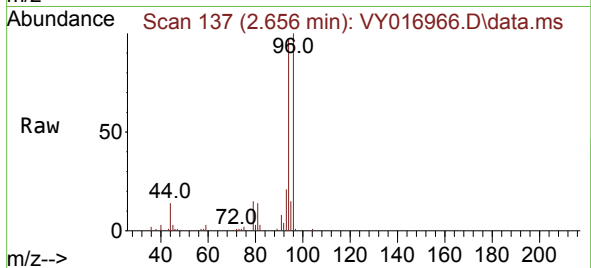
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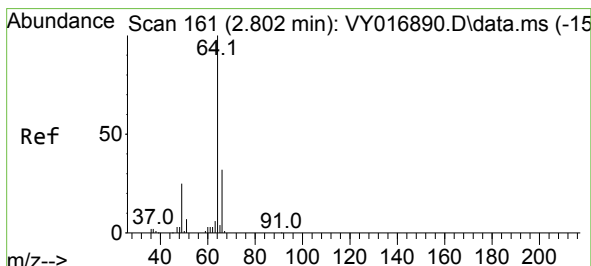
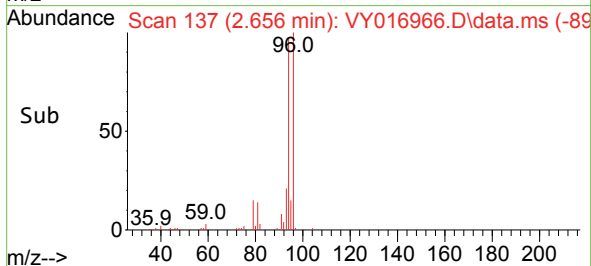
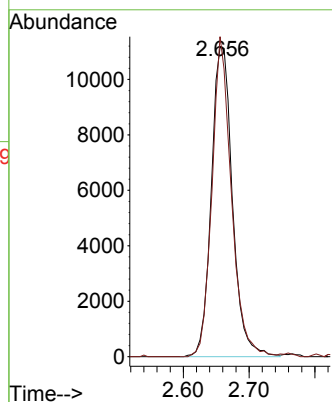


#5
Bromomethane
Concen: 21.728 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Instrument :
MSVOA_Y
ClientSampleId :

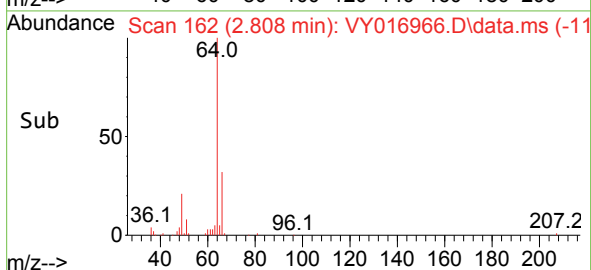
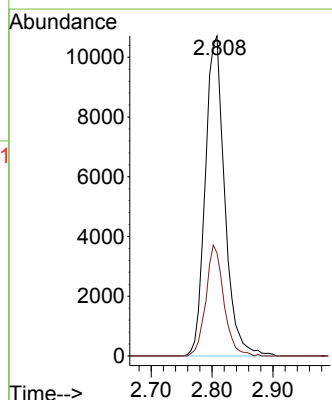
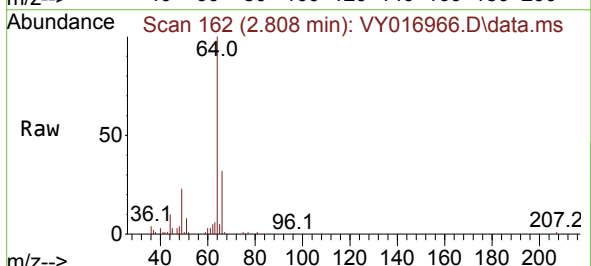


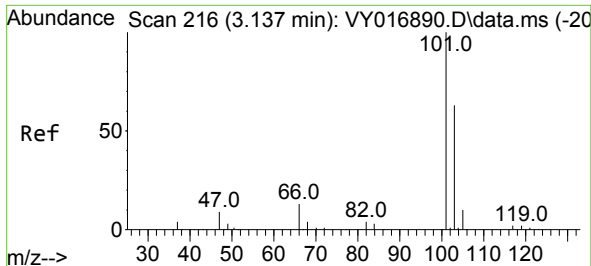
Tgt Ion: 94 Resp: 24989
Ion Ratio Lower Upper
94 100
96 103.5 77.3 115.9



#6
Chloroethane
Concen: 21.898 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

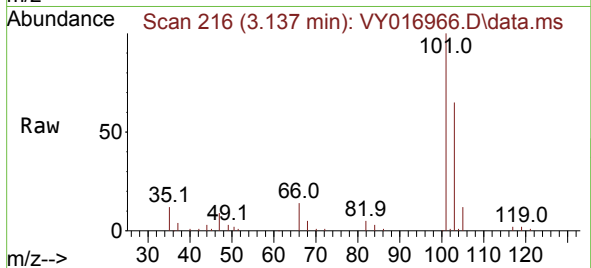
Tgt Ion: 64 Resp: 23780
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7



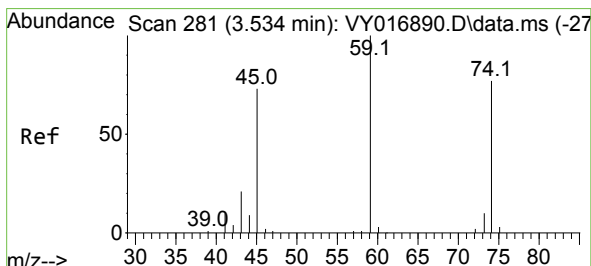
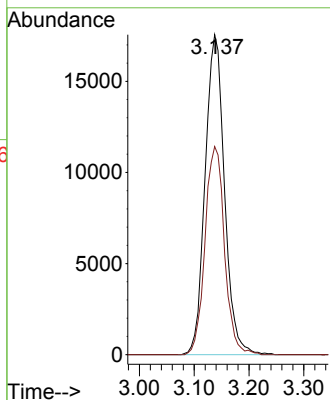
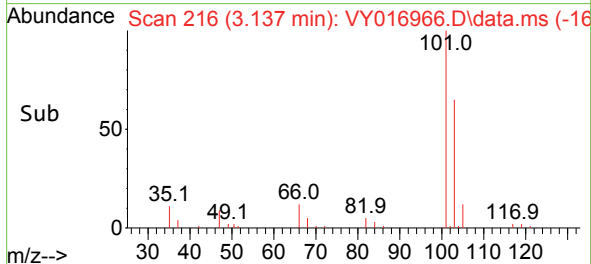


#7
 Trichlorofluoromethane
 Concen: 21.747 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016966.D
 Acq: 10 Jan 2024 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :

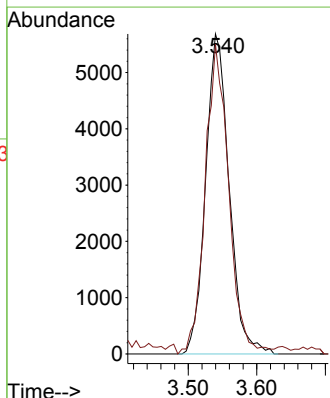
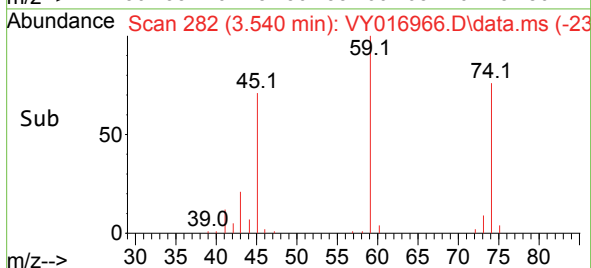
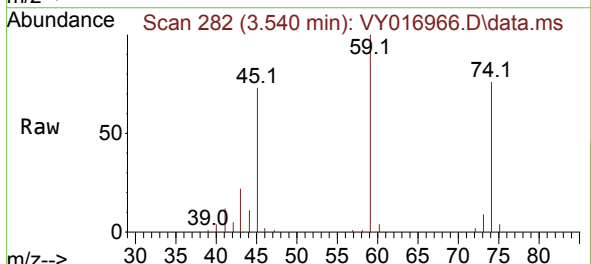


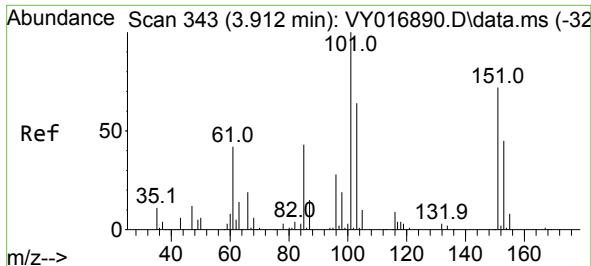
Tgt Ion:101 Resp: 43017
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 21.493 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016966.D
 Acq: 10 Jan 2024 12:07

Tgt Ion: 74 Resp: 13587
 Ion Ratio Lower Upper
 74 100
 45 96.4 47.9 143.7

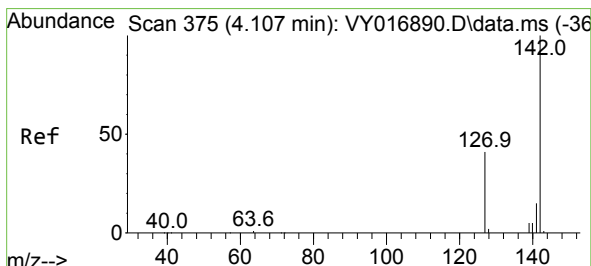
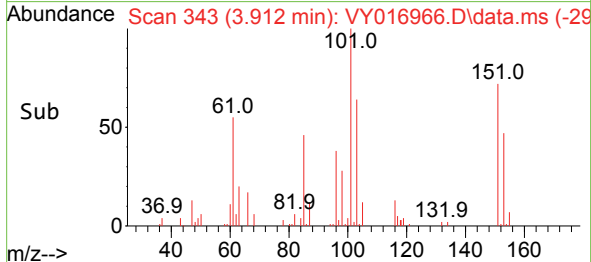
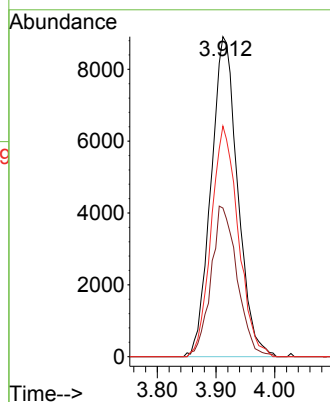
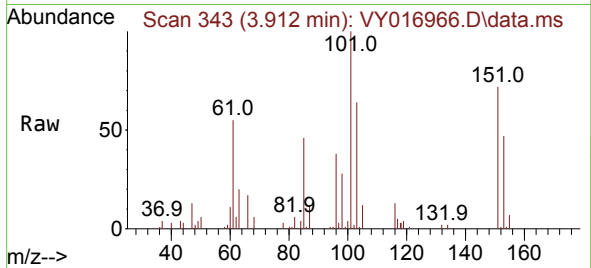




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.871 ug/l
 RT: 3.912 min Scan# 343
 Delta R.T. 0.001 min
 Lab File: VY016966.D
 Acq: 10 Jan 2024 12:07

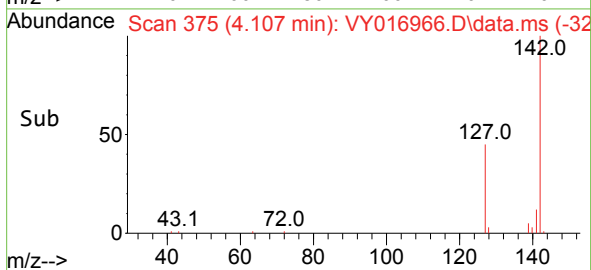
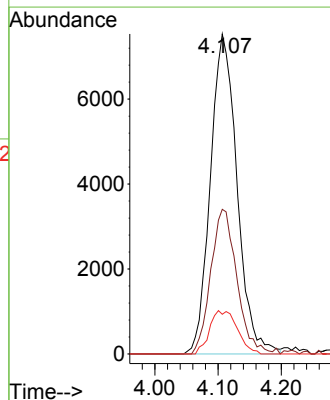
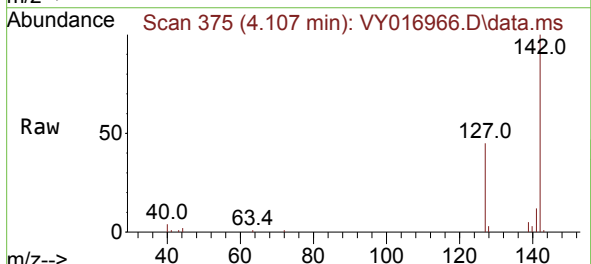
Instrument :
 MSVOA_Y
 ClientSampleId :

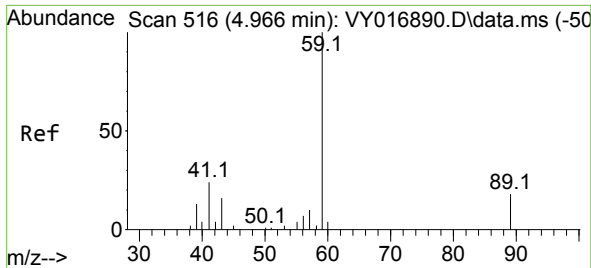
Tgt Ion:	101	Resp:	28129
Ion	Ratio	Lower	Upper
101	100		
85	46.0	35.8	53.6
151	73.0	58.6	88.0



#10
 Methyl Iodide
 Concen: 20.149 ug/l
 RT: 4.107 min Scan# 375
 Delta R.T. 0.001 min
 Lab File: VY016966.D
 Acq: 10 Jan 2024 12:07

Tgt Ion:	142	Resp:	22047
Ion	Ratio	Lower	Upper
142	100		
127	44.1	35.1	52.7
141	14.0	11.8	17.6

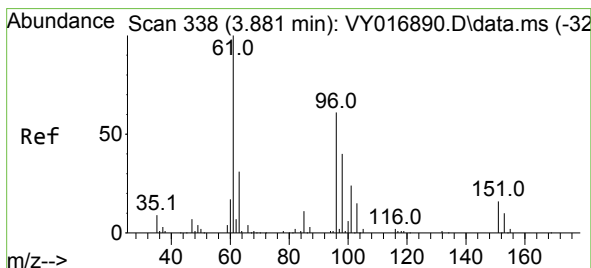
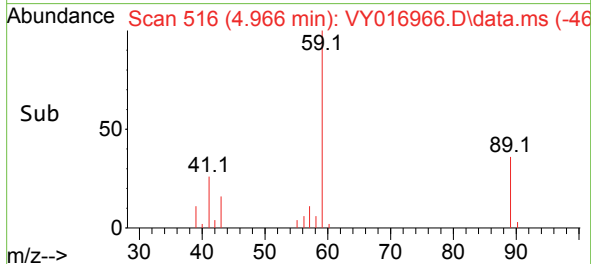
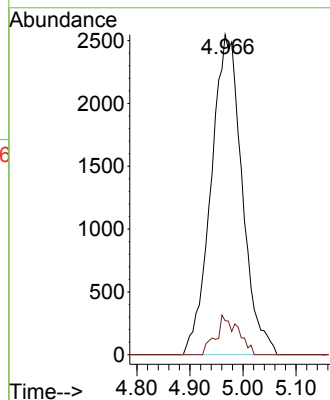
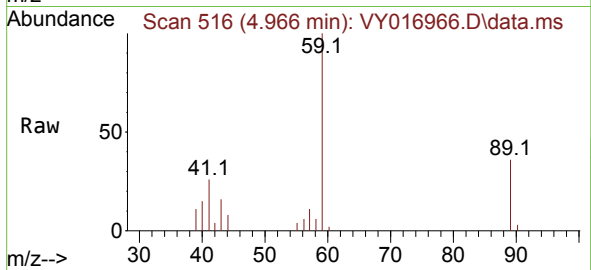




#11
Tert butyl alcohol
Concen: 104.777 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

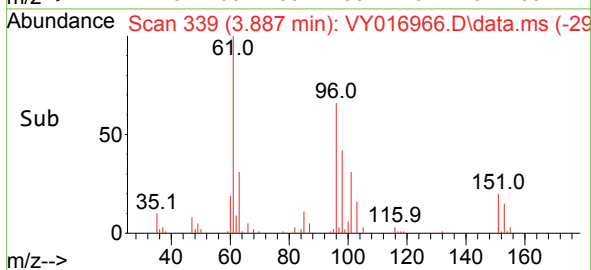
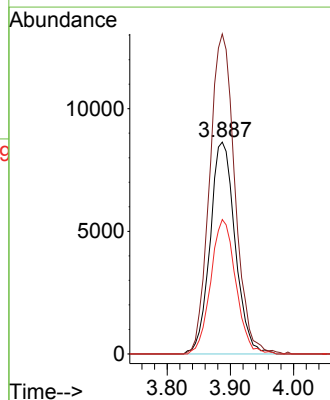
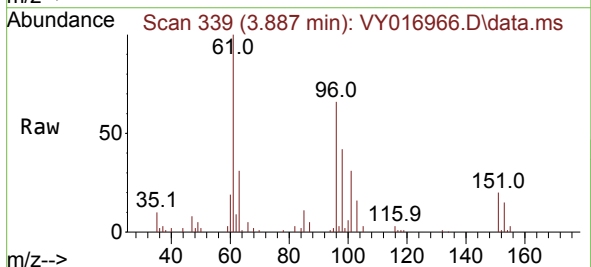
Instrument :
MSVOA_Y
ClientSampleId :

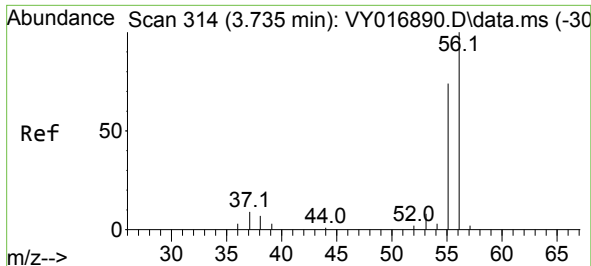
Tgt Ion: 59 Resp: 10335
Ion Ratio Lower Upper
59 100
57 8.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 21.490 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 96 Resp: 23715
Ion Ratio Lower Upper
96 100
61 151.0 124.2 186.2
98 63.4 52.6 79.0





#13

Acrolein

Concen: 104.623 ug/l

RT: 3.741 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

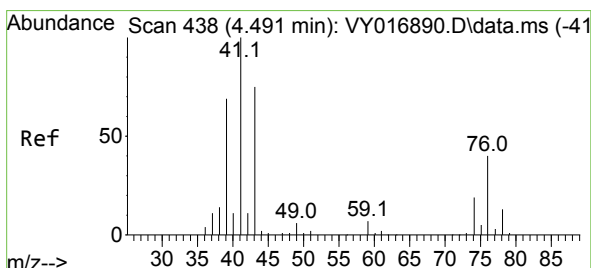
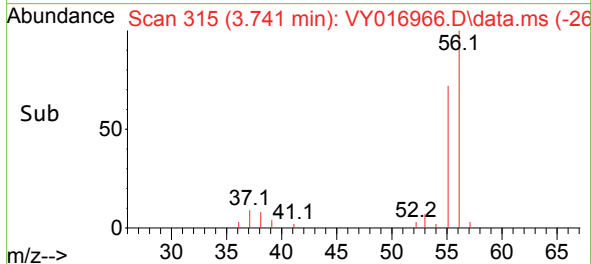
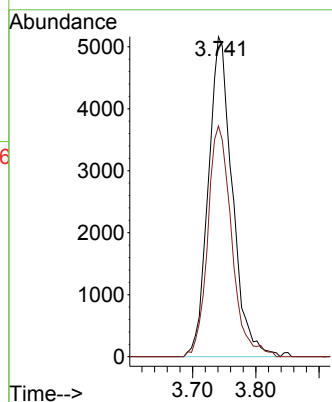
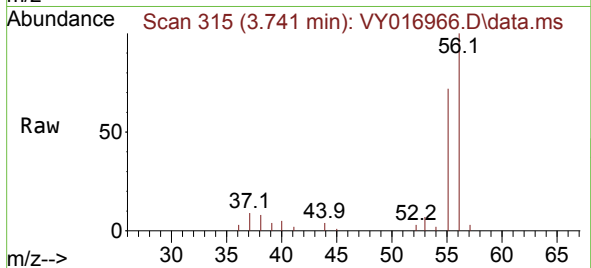
ClientSampleId :

Tgt Ion: 56 Resp: 13636

Ion Ratio Lower Upper

56 100

55 71.7 55.4 83.0



#14

Allyl chloride

Concen: 21.368 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

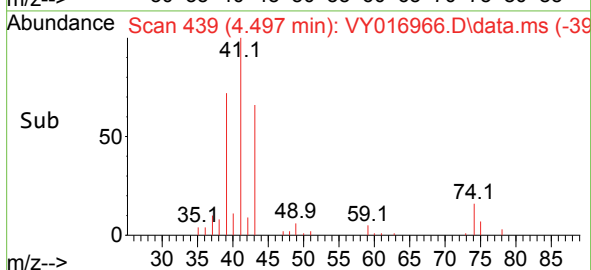
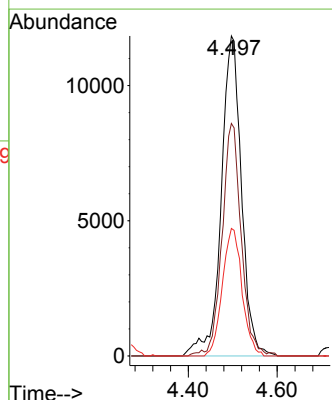
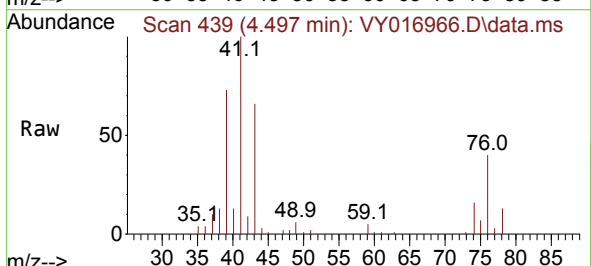
Tgt Ion: 41 Resp: 37278

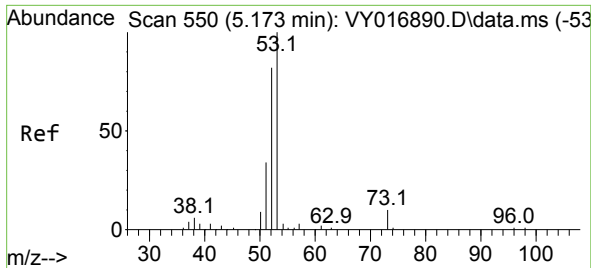
Ion Ratio Lower Upper

41 100

39 68.6 54.7 82.1

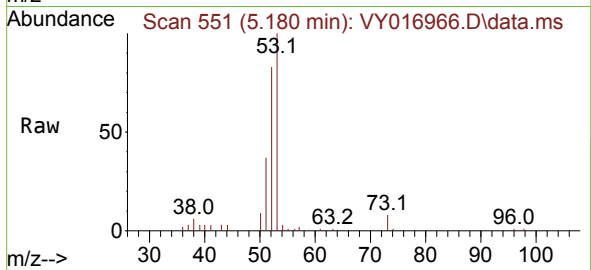
76 38.8 31.8 47.6



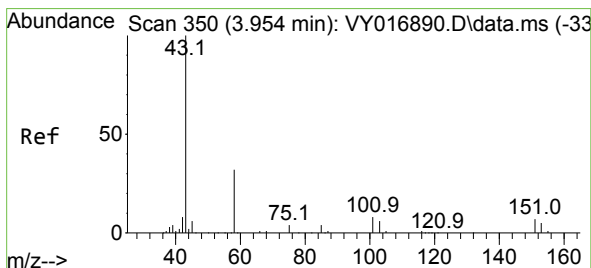
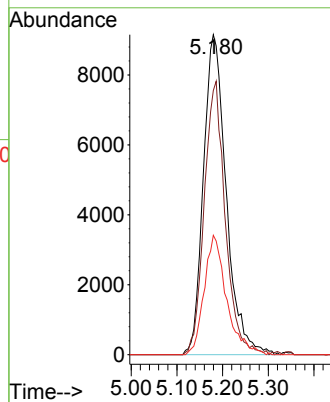
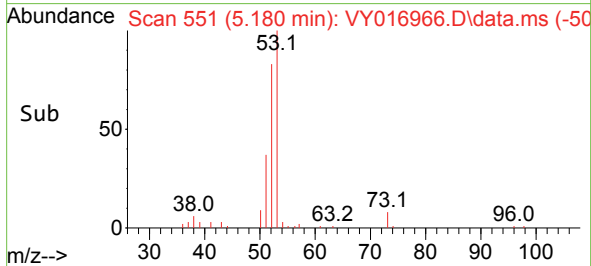


#15
Acrylonitrile
Concen: 107.307 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Instrument :
MSVOA_Y
ClientSampleId :

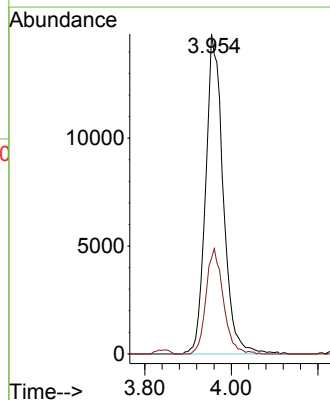
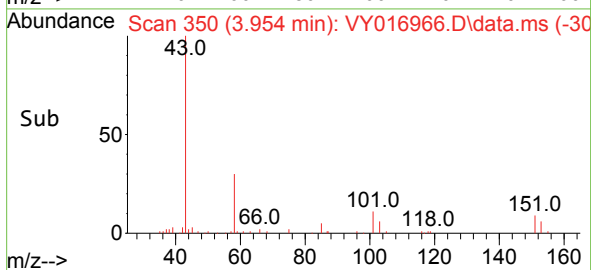
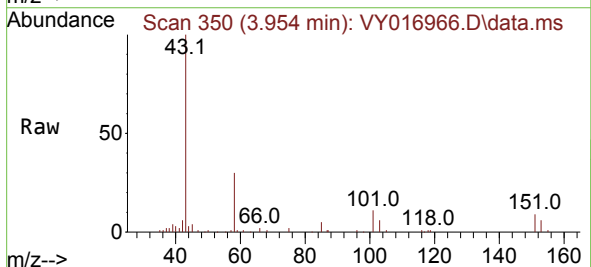


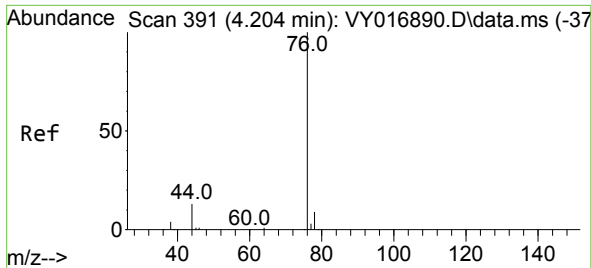
Tgt Ion: 53 Resp: 31729
Ion Ratio Lower Upper
53 100
52 78.8 65.1 97.7
51 36.7 29.0 43.4



#16
Acetone
Concen: 136.866 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 43 Resp: 41710
Ion Ratio Lower Upper
43 100
58 29.9 26.6 39.8

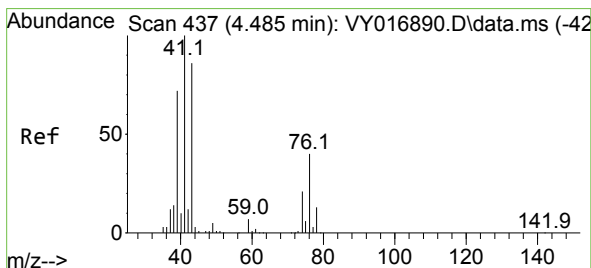
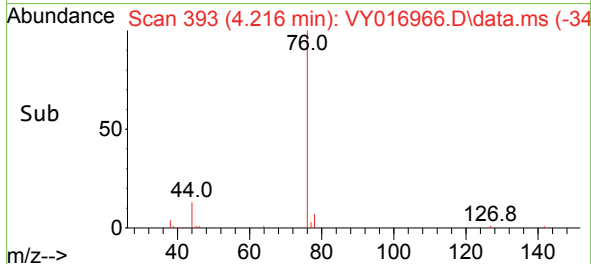
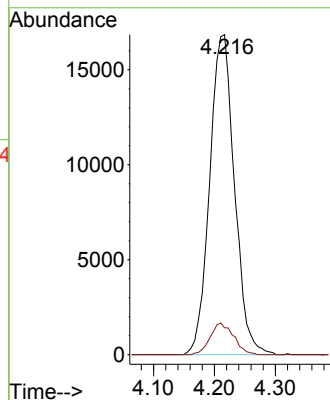
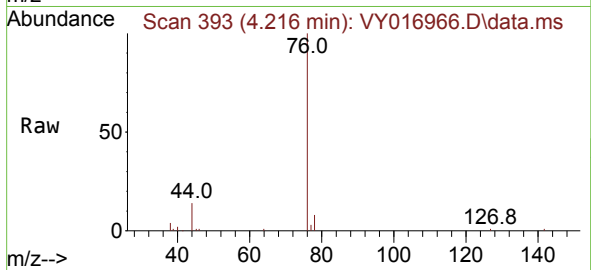




#17
Carbon Disulfide
Concen: 18.090 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

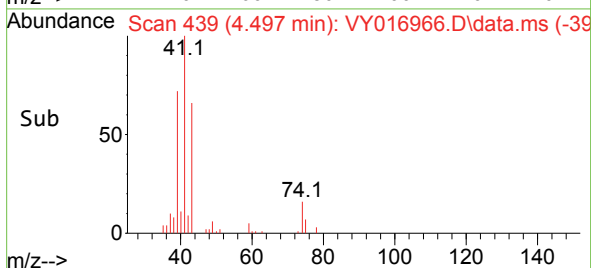
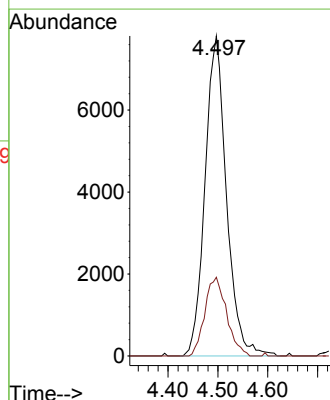
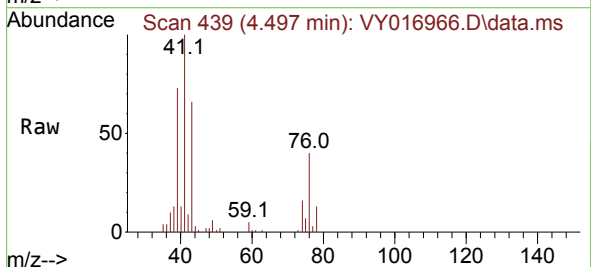
Instrument :
MSVOA_Y
ClientSampleId :

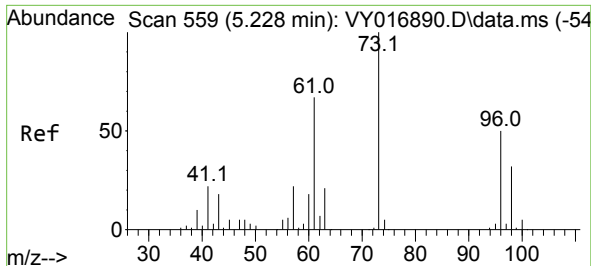
Tgt Ion: 76 Resp: 47699
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 19.010 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 43 Resp: 23322
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 21.780 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.001 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

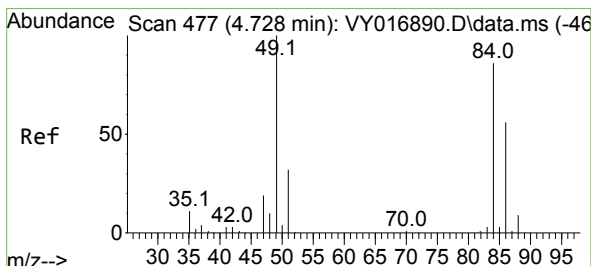
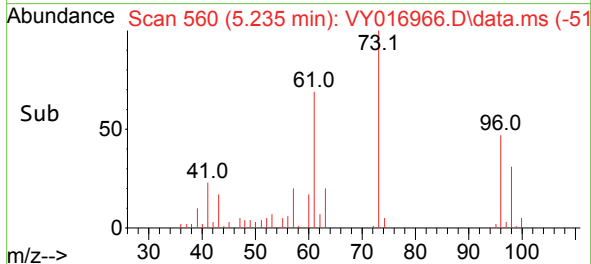
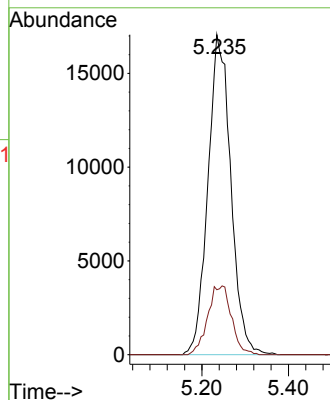
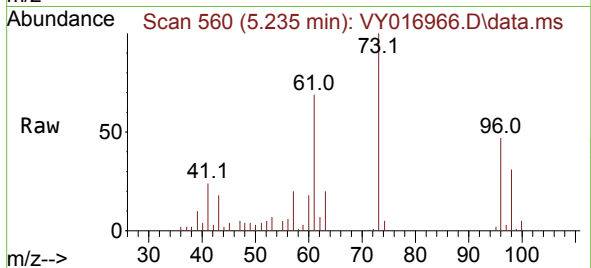
ClientSampleId :

Tgt Ion: 73 Resp: 62528

Ion Ratio Lower Upper

73 100

57 20.3 17.7 26.5



#20

Methylene Chloride

Concen: 23.152 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.001 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Tgt Ion: 84 Resp: 40699

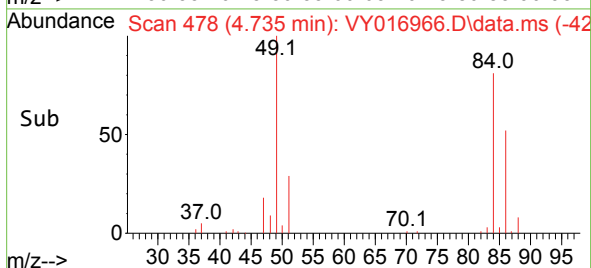
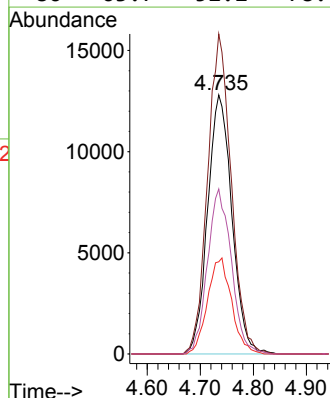
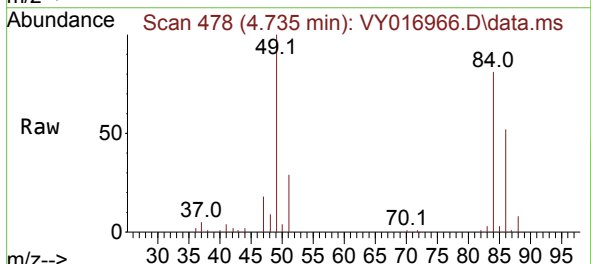
Ion Ratio Lower Upper

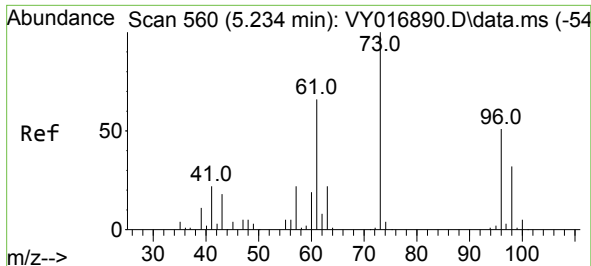
84 100

49 123.6 95.2 142.8

51 35.6 29.9 44.9

86 63.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.623 ug/l

RT: 5.241 min Scan# 5

Delta R.T. 0.001 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

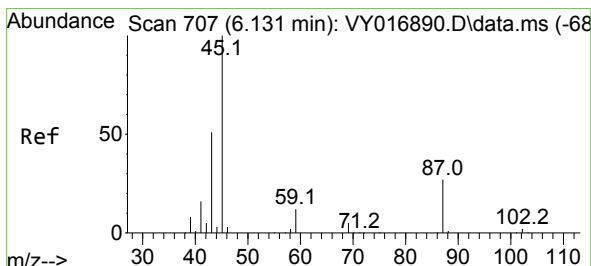
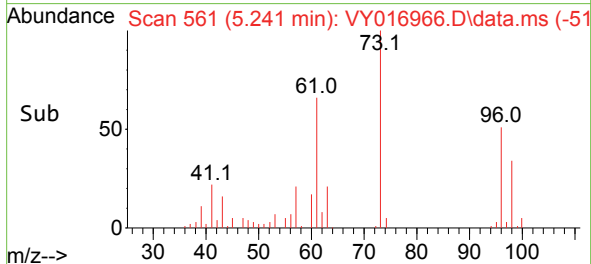
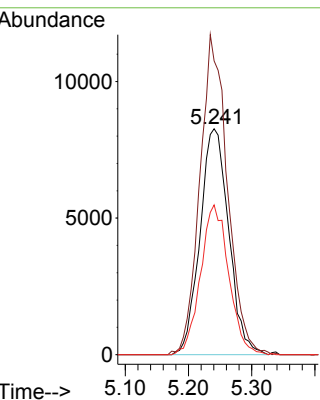
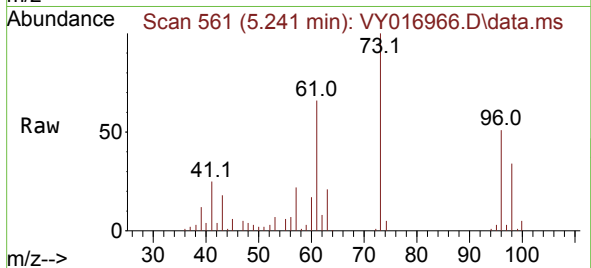
Tgt Ion: 96 Resp: 26065

Ion Ratio Lower Upper

96 100

61 130.0 104.6 156.8

98 66.3 50.9 76.3



#22

Diisopropyl ether

Concen: 21.893 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Tgt Ion: 45 Resp: 88299

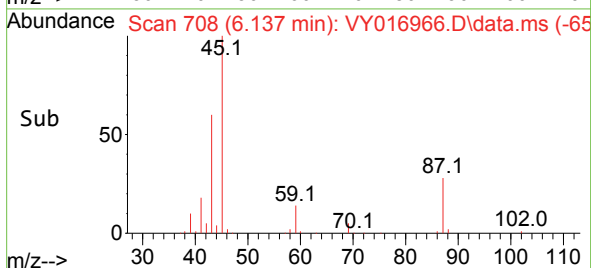
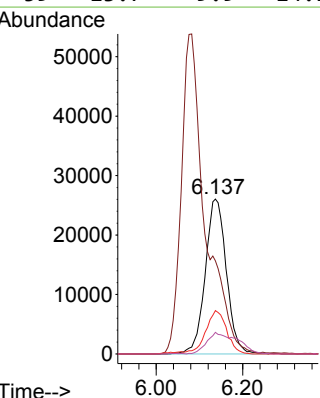
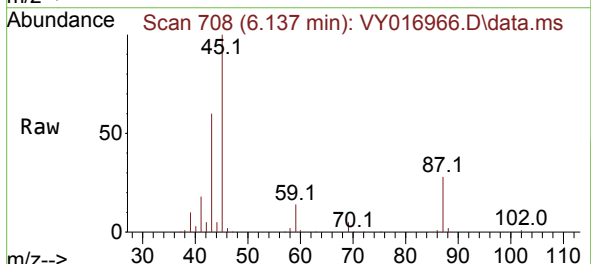
Ion Ratio Lower Upper

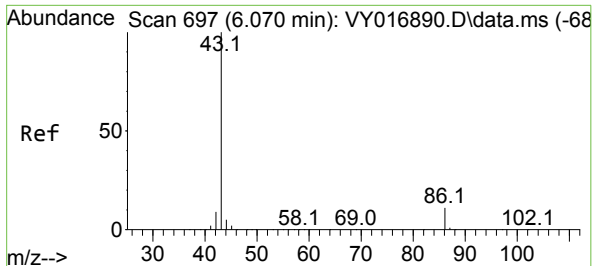
45 100

43 59.4 46.8 70.2

87 28.0 22.2 33.2

59 13.7 9.9 14.9

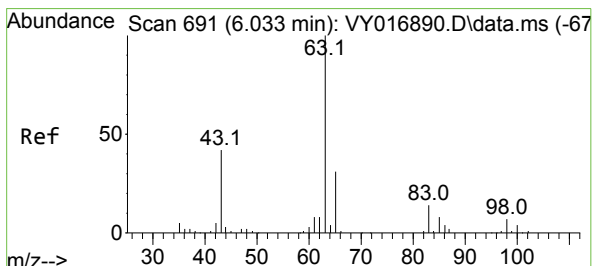
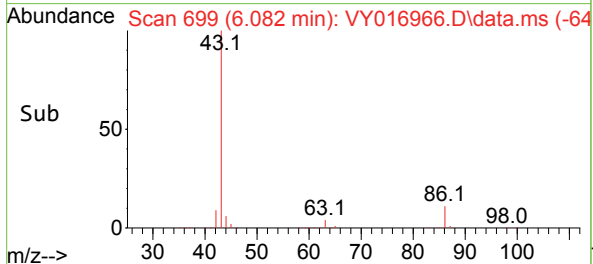
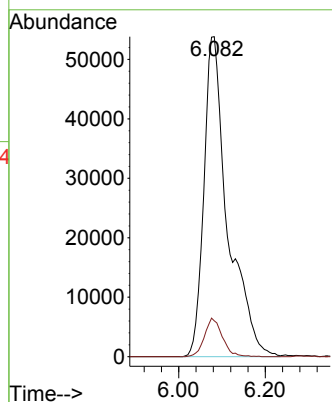
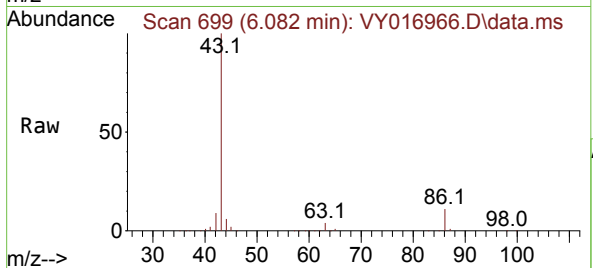




#23
 Vinyl Acetate
 Concen: 111.341 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016966.D
 Acq: 10 Jan 2024 12:07

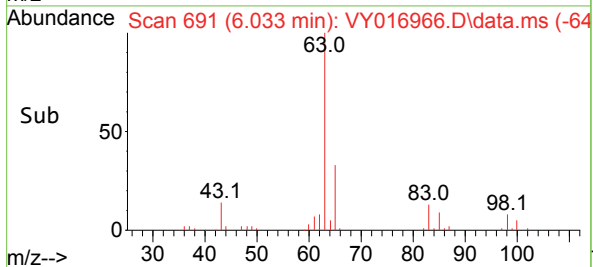
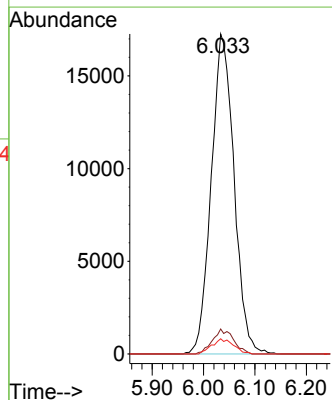
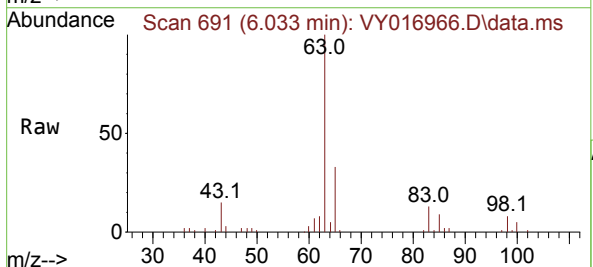
Instrument :
 MSVOA_Y
 ClientSampleId :

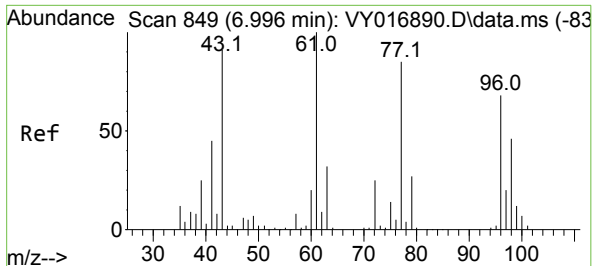
Tgt Ion: 43 Resp: 205903
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.909 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016966.D
 Acq: 10 Jan 2024 12:07

Tgt Ion: 63 Resp: 53100
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 122.724 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

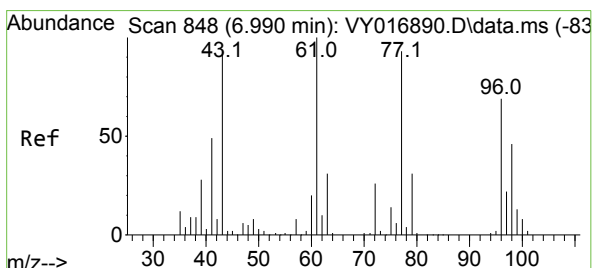
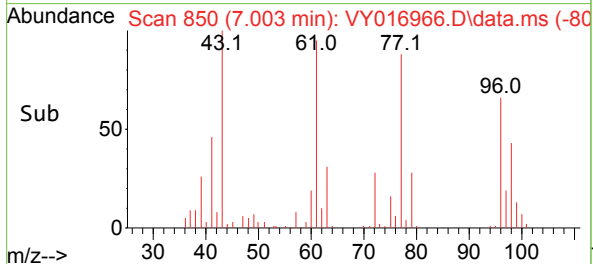
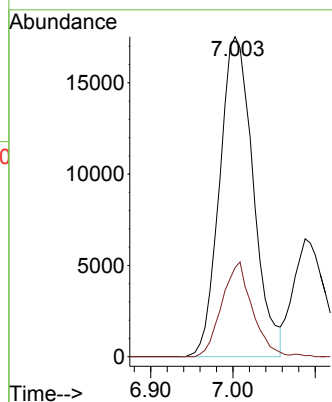
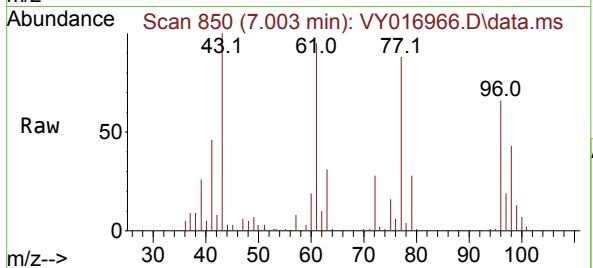
ClientSampleId :

Tgt Ion: 43 Resp: 49887

Ion Ratio Lower Upper

43 100

72 27.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.107 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY016966.D

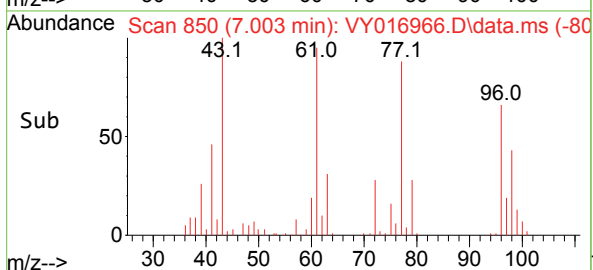
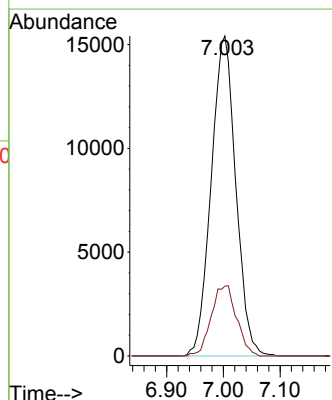
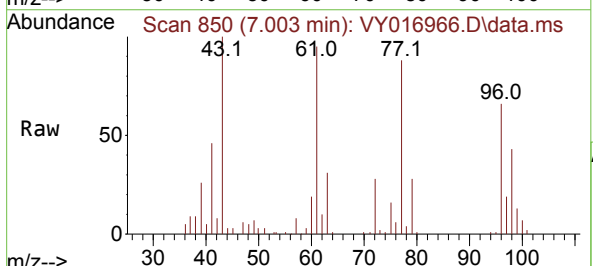
Acq: 10 Jan 2024 12:07

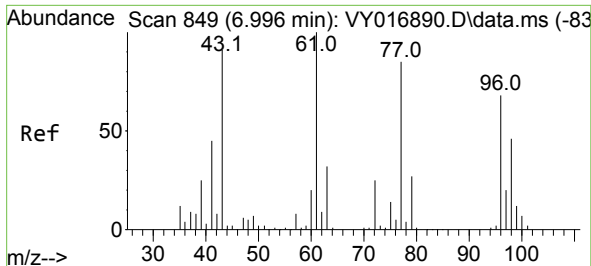
Tgt Ion: 77 Resp: 46457

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.747 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

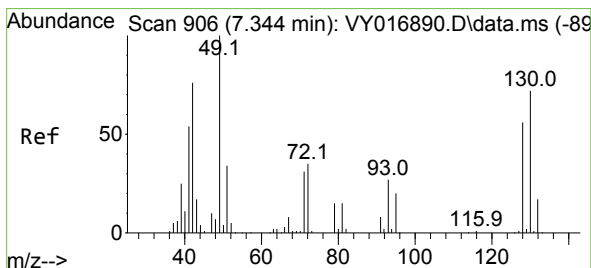
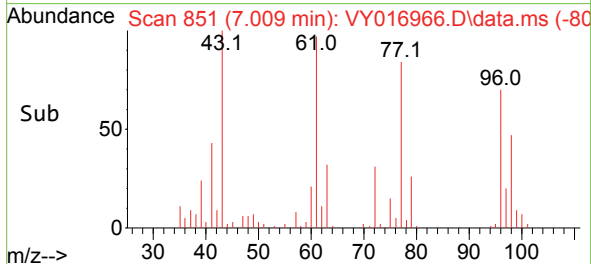
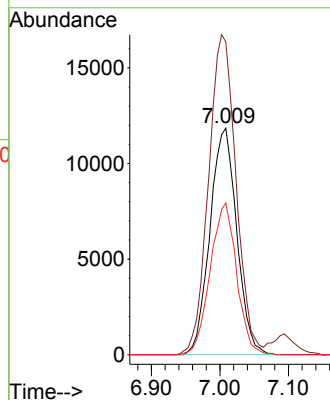
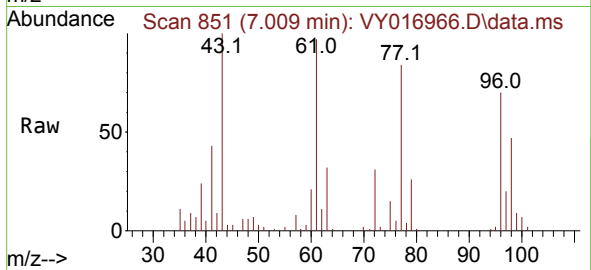
Tgt Ion: 96 Resp: 32219

Ion Ratio Lower Upper

96 100

61 144.9 0.0 278.8

98 66.0 0.0 127.0



#28

Bromochloromethane

Concen: 21.752 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

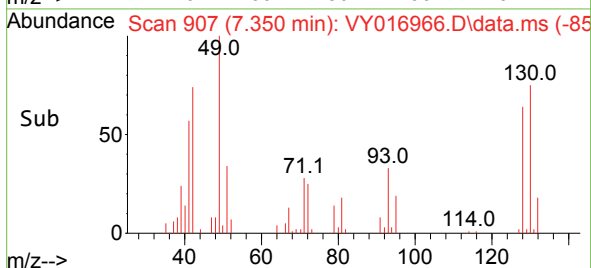
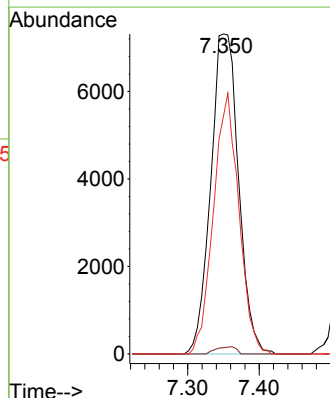
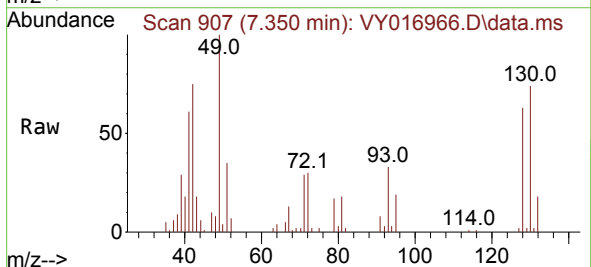
Tgt Ion: 49 Resp: 19792

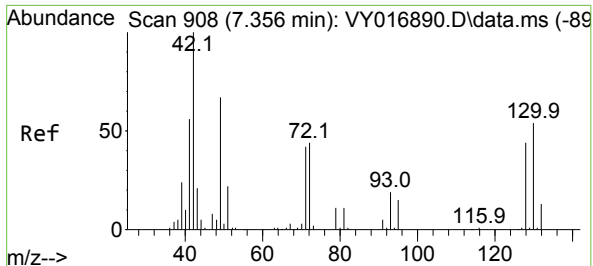
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 74.3 59.8 89.8

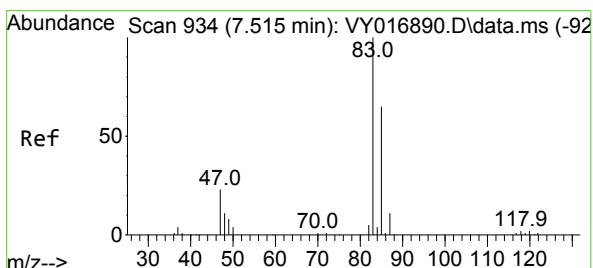
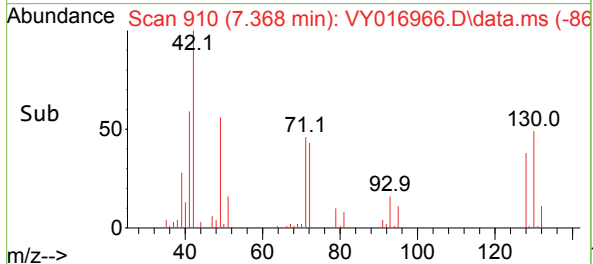
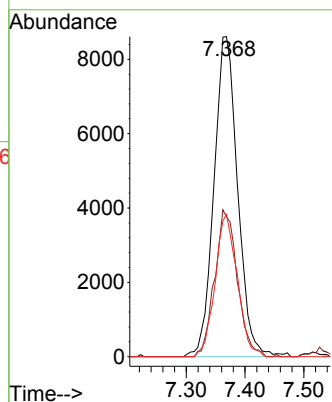
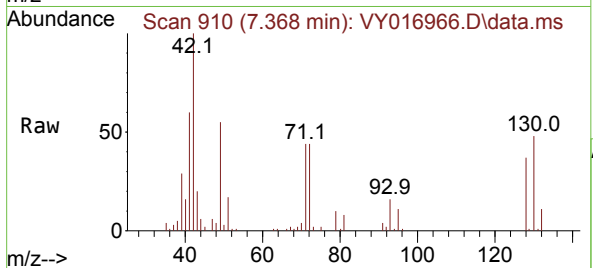




#29
Tetrahydrofuran
Concen: 104.015 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

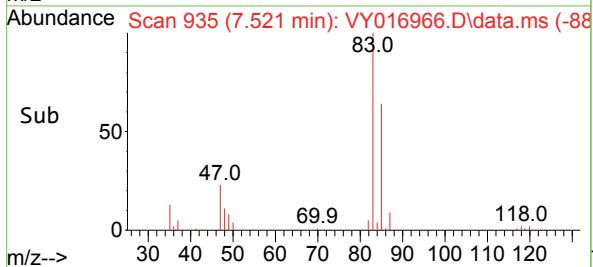
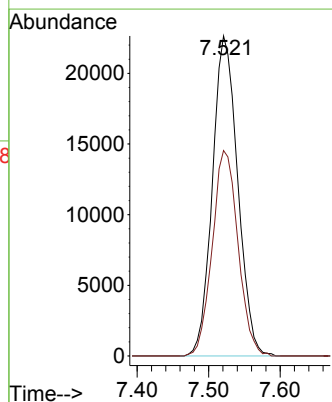
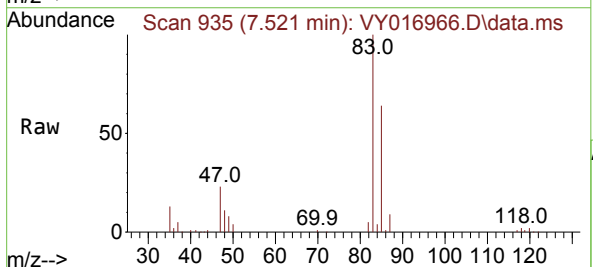
Instrument :
MSVOA_Y
ClientSampleId :

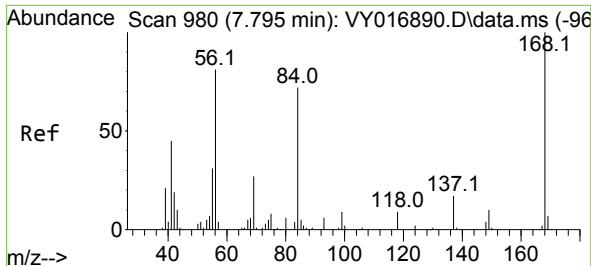
Tgt Ion: 42 Resp: 24107
Ion Ratio Lower Upper
42 100
72 43.9 36.6 54.8
71 41.7 33.8 50.6



#30
Chloroform
Concen: 22.280 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 83 Resp: 55646
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8

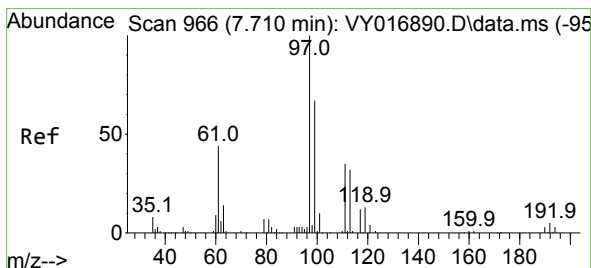
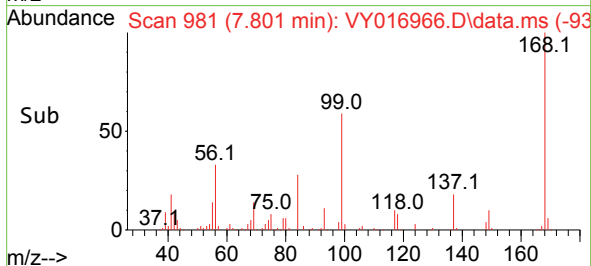
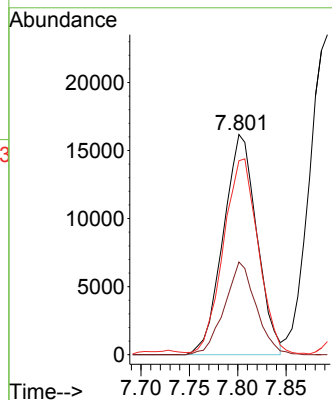
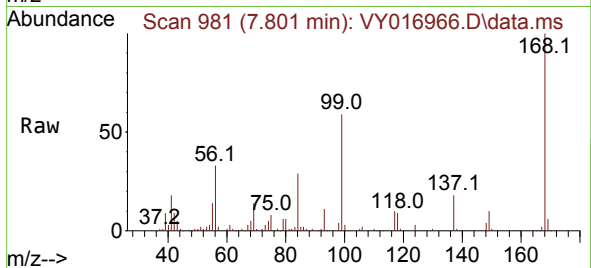




#31
Cyclohexane
Concen: 19.898 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

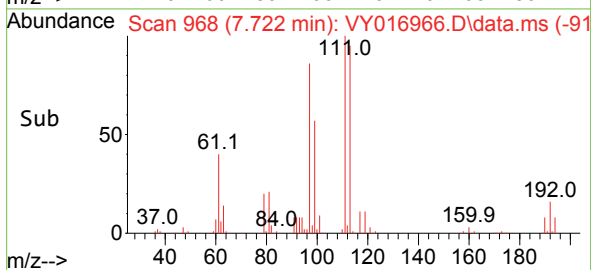
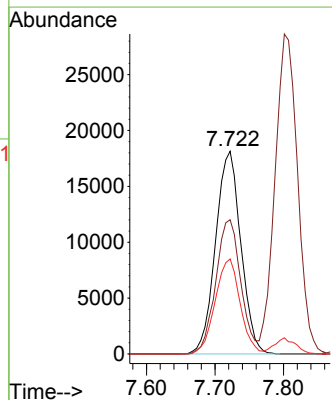
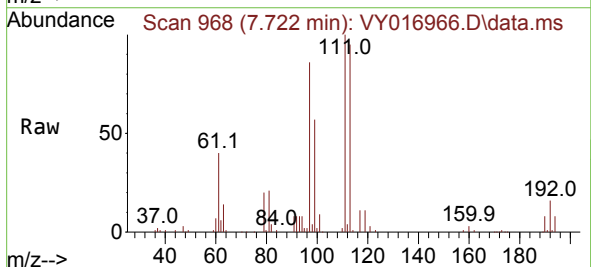
Instrument :
MSVOA_Y
ClientSampleId :

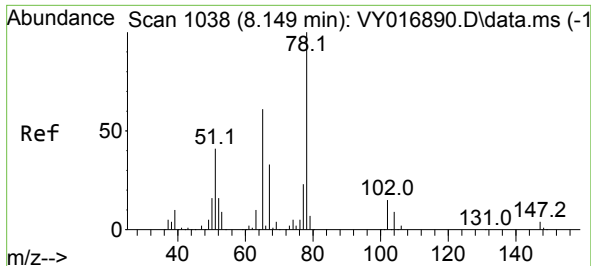
Tgt Ion: 56 Resp: 39107
Ion Ratio Lower Upper
56 100
69 42.1 27.0 40.6#
84 87.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.946 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 97 Resp: 46475
Ion Ratio Lower Upper
97 100
99 66.1 51.2 76.8
61 46.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.869 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

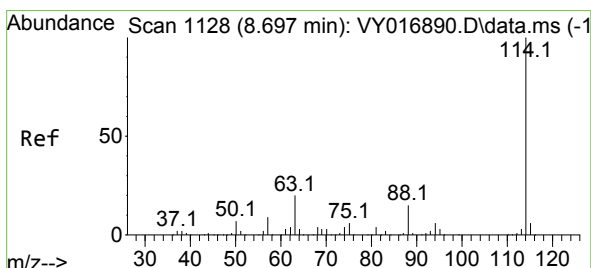
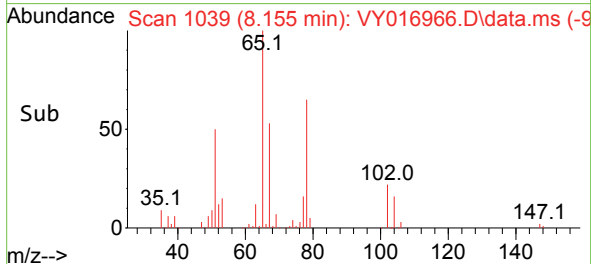
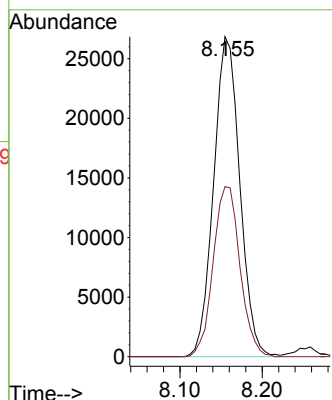
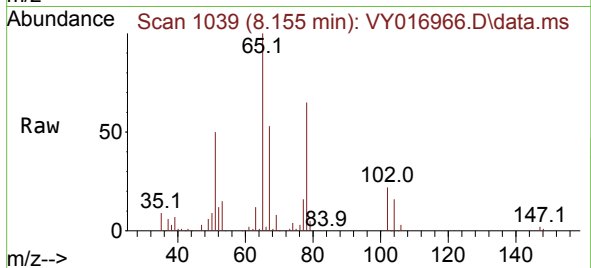
ClientSampleId :

Tgt Ion: 65 Resp: 59396

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

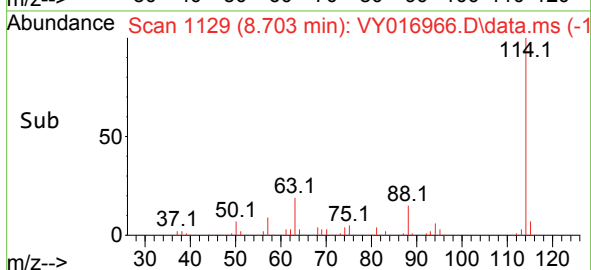
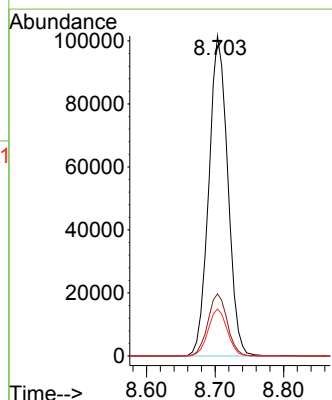
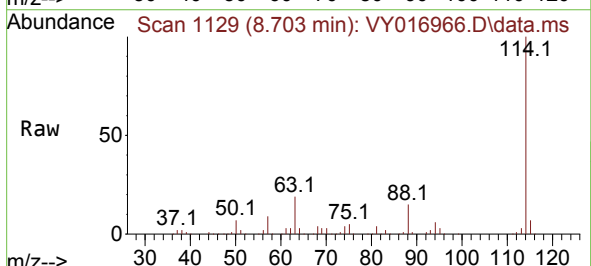
Tgt Ion: 114 Resp: 195254

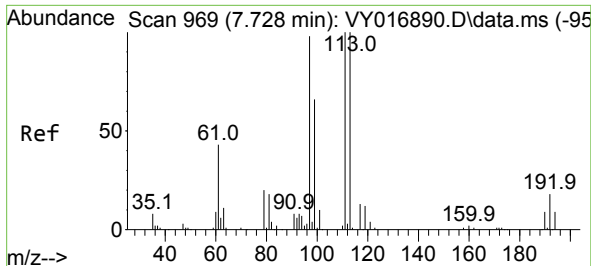
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.6 0.0 29.0

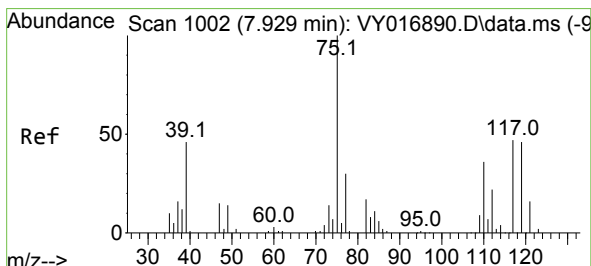
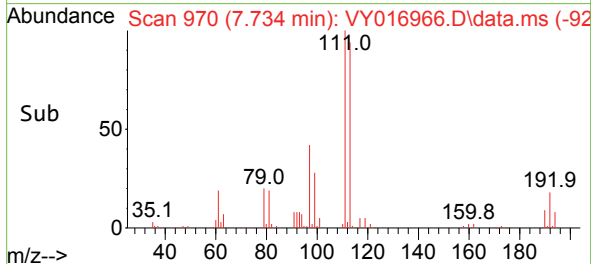
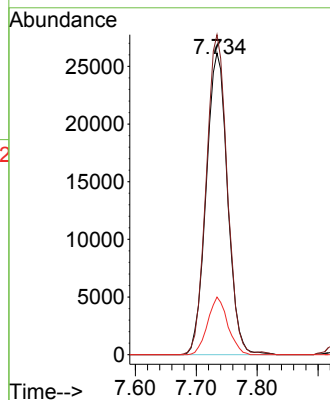
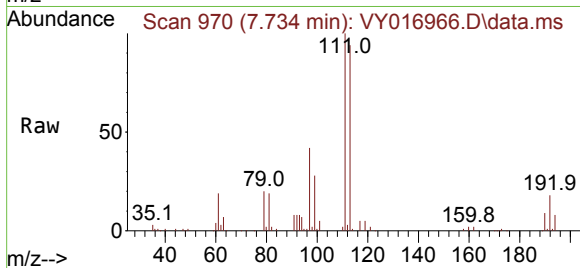




#35
Dibromofluoromethane
Concen: 51.247 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

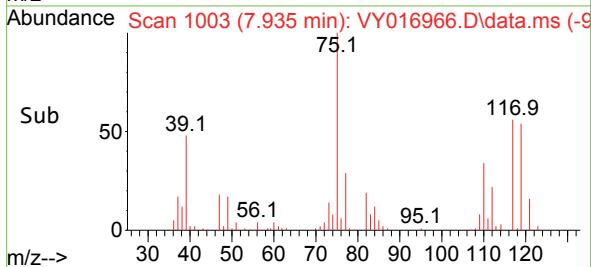
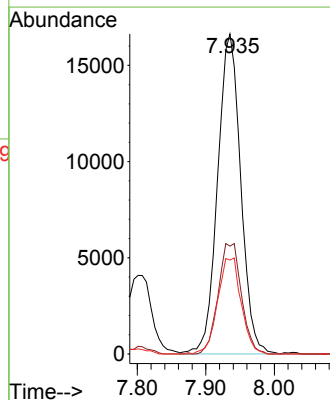
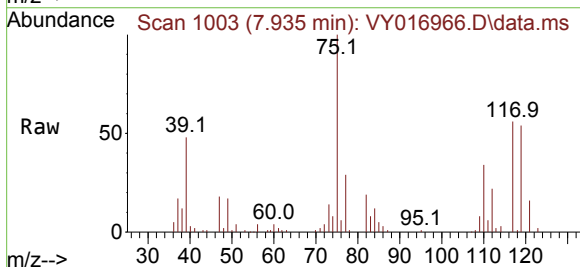
Instrument :
MSVOA_Y
ClientSampleId :

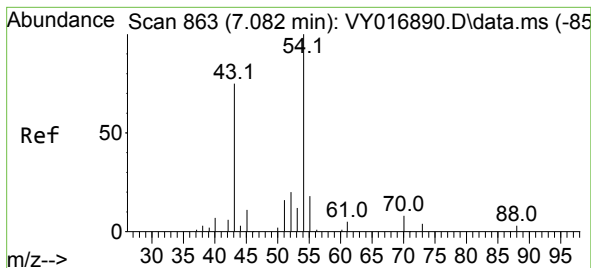
Tgt Ion:113 Resp: 63763
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.476 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 75 Resp: 38942
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 21.096 ug/l

RT: 7.088 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

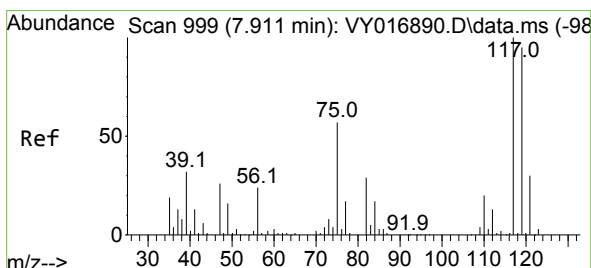
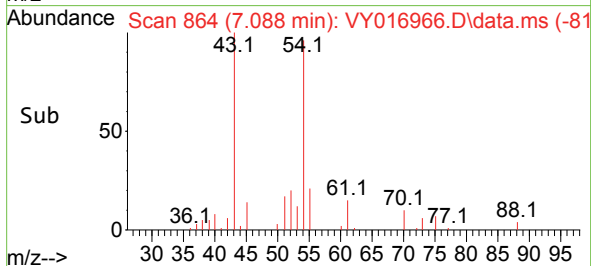
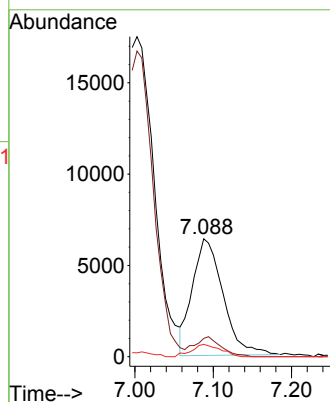
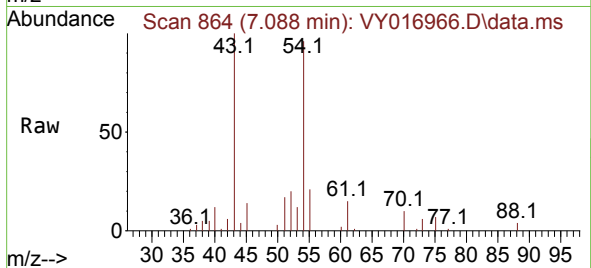
Tgt Ion: 43 Resp: 17384

Ion Ratio Lower Upper

43 100

61 14.5 11.0 16.6

70 9.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.853 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

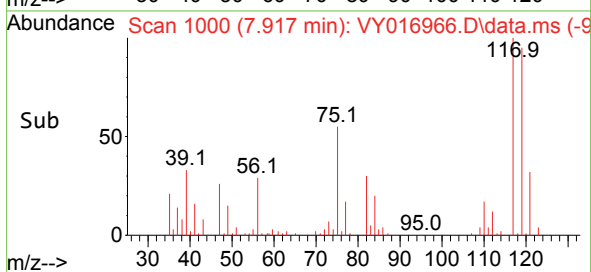
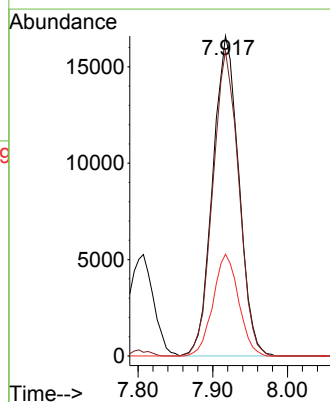
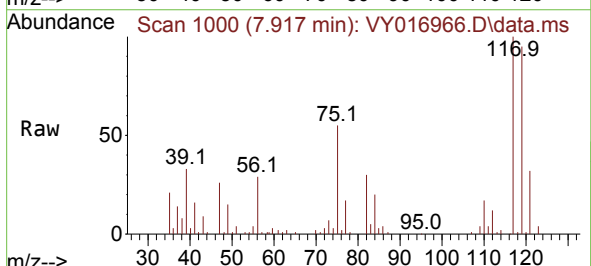
Tgt Ion: 117 Resp: 40259

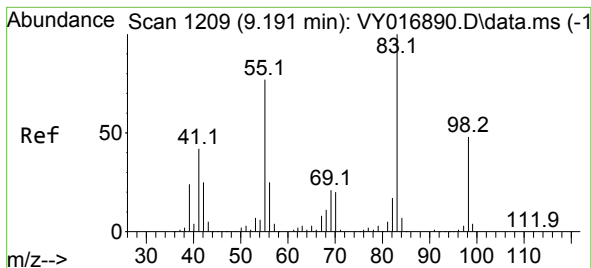
Ion Ratio Lower Upper

117 100

119 95.3 76.0 114.0

121 31.8 24.2 36.2





#39

Methylcyclohexane

Concen: 20.661 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

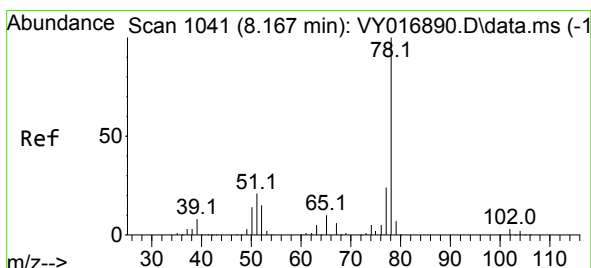
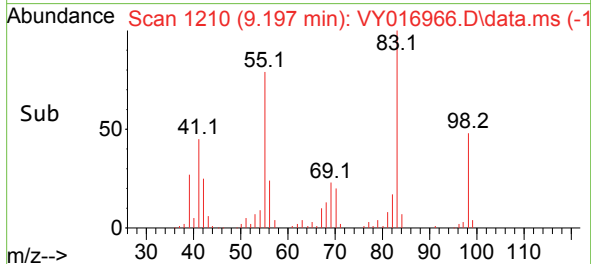
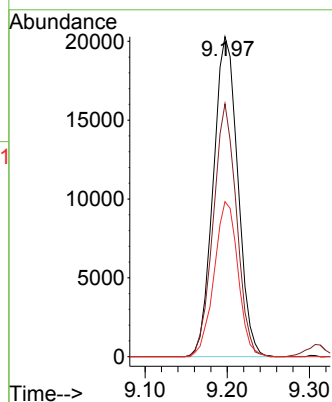
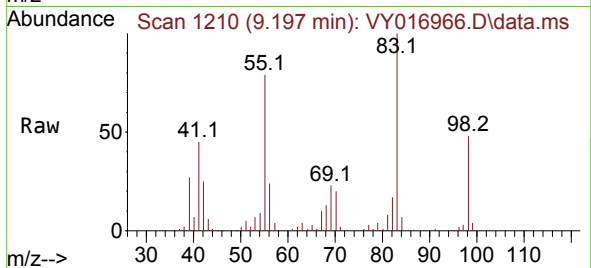
Tgt Ion: 83 Resp: 42117

Ion Ratio Lower Upper

83 100

55 79.1 59.7 89.5

98 48.4 38.0 57.0



#40

Benzene

Concen: 21.405 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016966.D

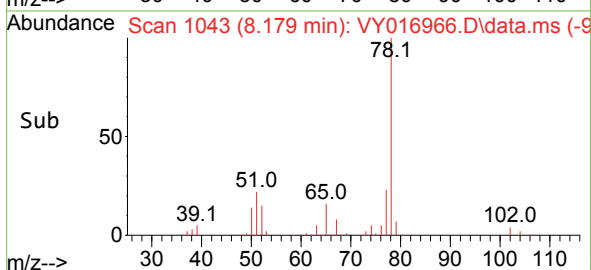
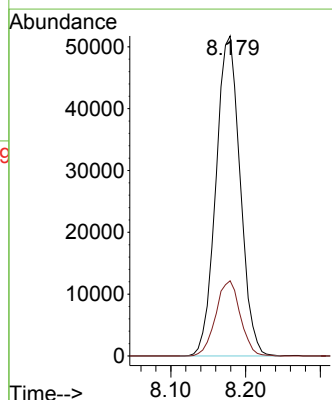
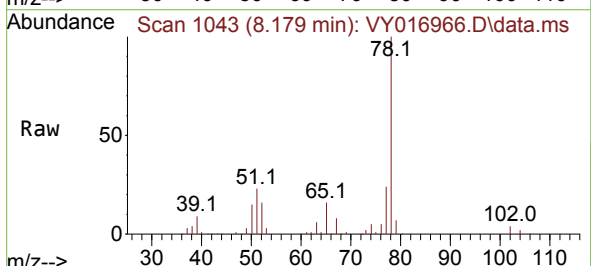
Acq: 10 Jan 2024 12:07

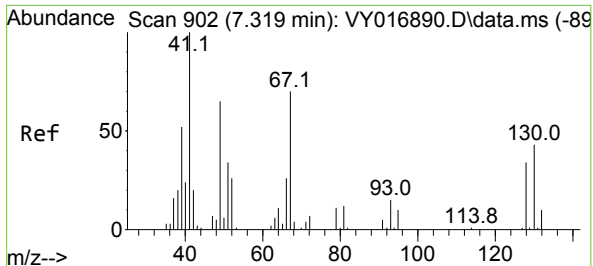
Tgt Ion: 78 Resp: 116434

Ion Ratio Lower Upper

78 100

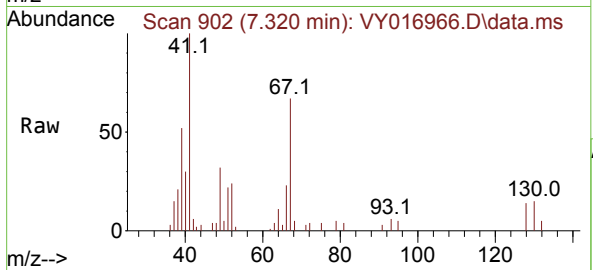
77 23.5 18.8 28.2



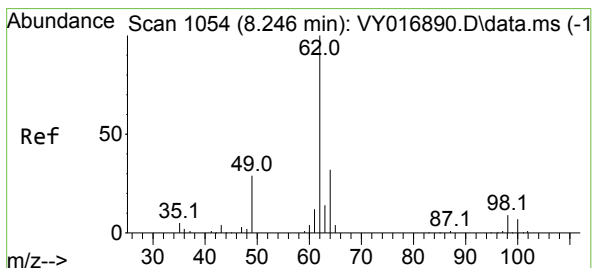
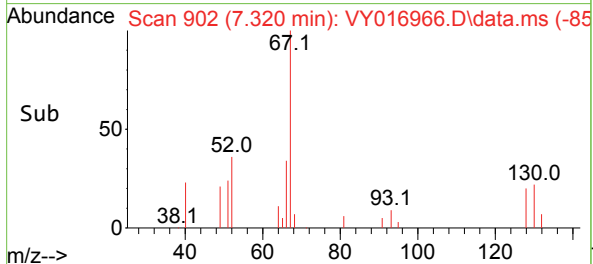
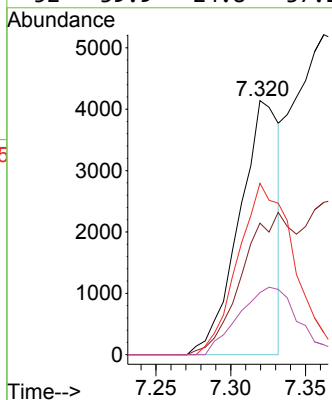


#41
Methacrylonitrile
Concen: 17.706 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.001 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Instrument :
MSVOA_Y
ClientSampleId :

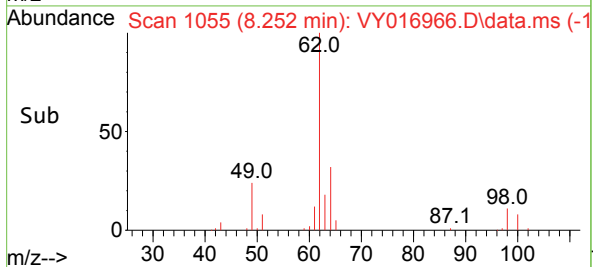
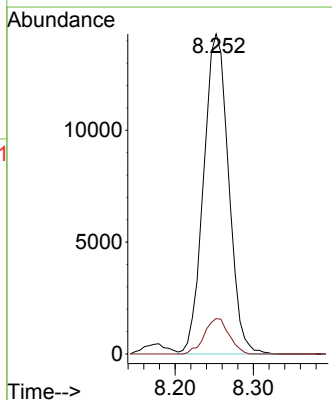
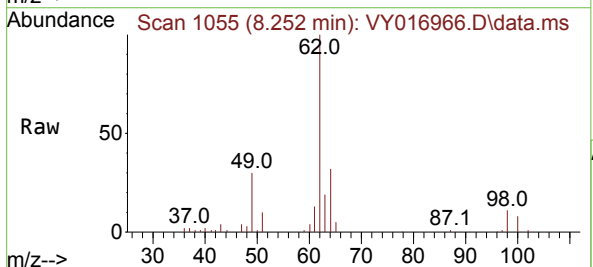


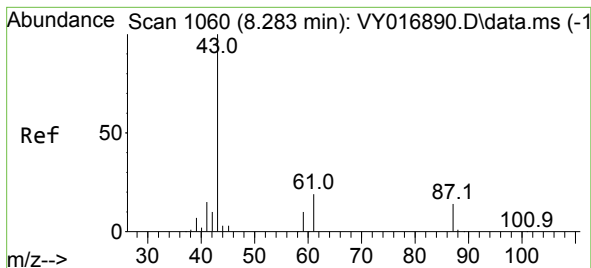
Tgt Ion:	41	Resp:	7684
Ion	Ratio	Lower	Upper
41	100		
39	73.6	41.9	62.9#
67	96.7	59.8	89.6#
52	39.9	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 21.976 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion:	62	Resp:	31735
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 21.025 ug/l

RT: 8.289 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

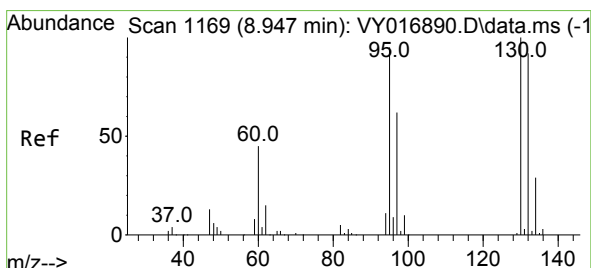
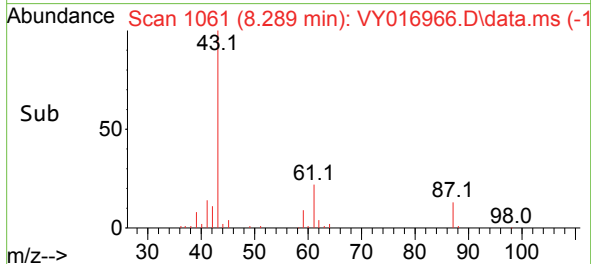
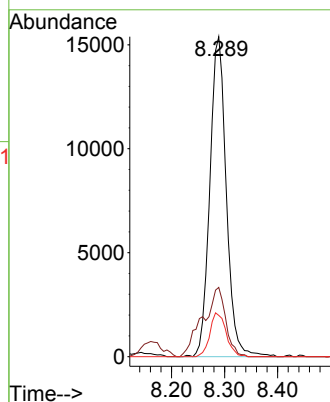
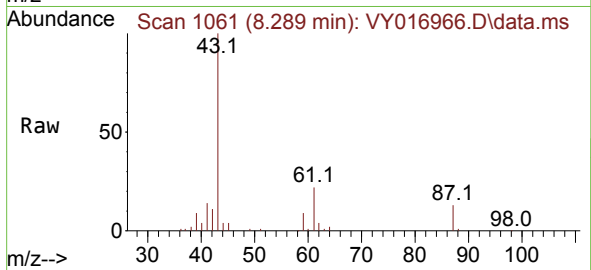
Tgt Ion: 43 Resp: 33178

Ion Ratio Lower Upper

43 100

61 30.1 24.8 37.2

87 13.5 10.7 16.1



#44

Trichloroethene

Concen: 21.487 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VY016966.D

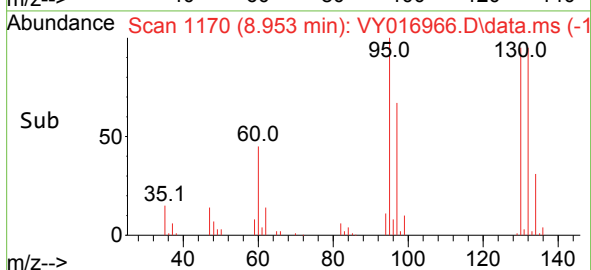
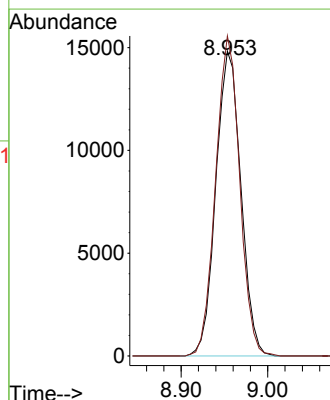
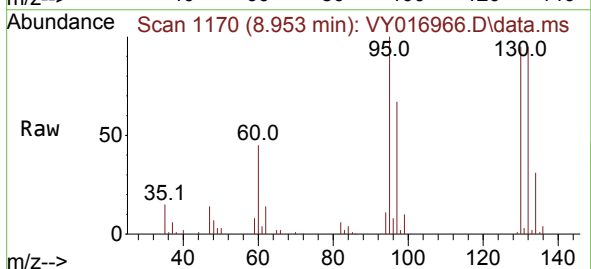
Acq: 10 Jan 2024 12:07

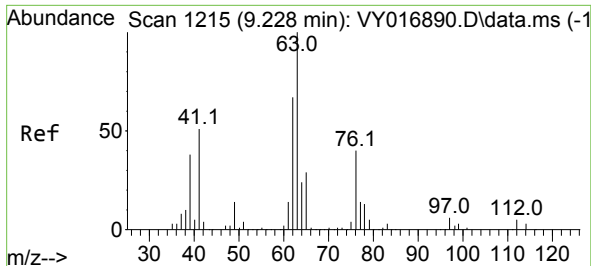
Tgt Ion:130 Resp: 29740

Ion Ratio Lower Upper

130 100

95 105.0 0.0 203.8

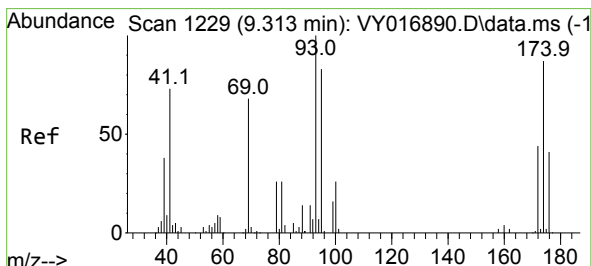
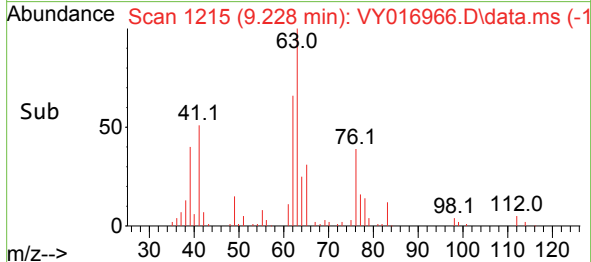
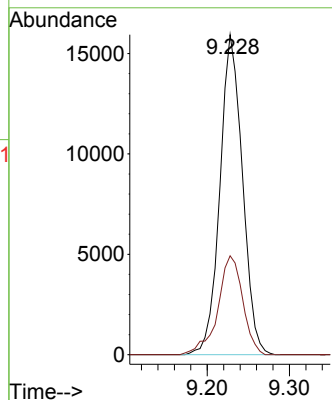
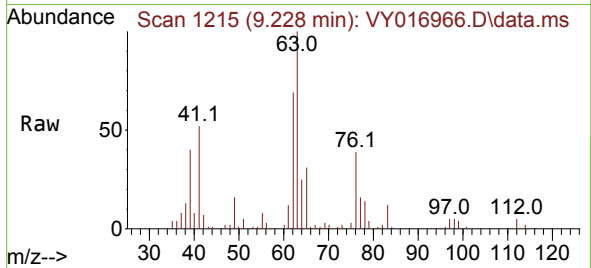




#45
1,2-Dichloropropane
Concen: 21.653 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

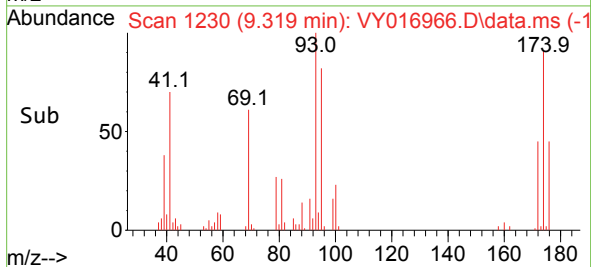
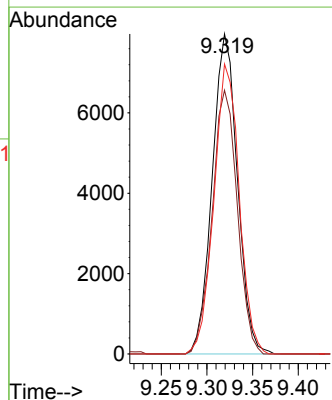
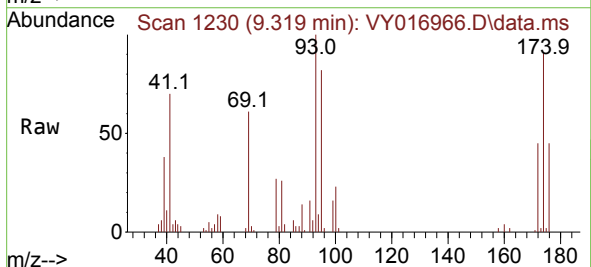
Instrument :
MSVOA_Y
ClientSampleId :

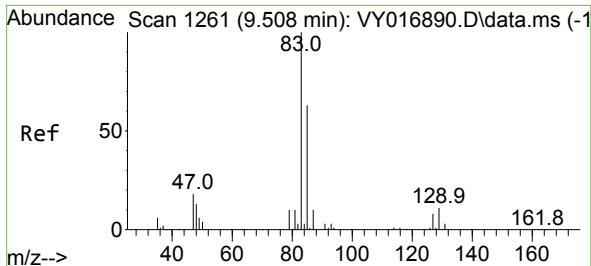
Tgt Ion: 63 Resp: 30343
Ion Ratio Lower Upper
63 100
65 30.9 24.6 36.8



#46
Dibromomethane
Concen: 21.358 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 93 Resp: 15264
Ion Ratio Lower Upper
93 100
95 82.3 66.6 99.8
174 91.1 73.8 110.6

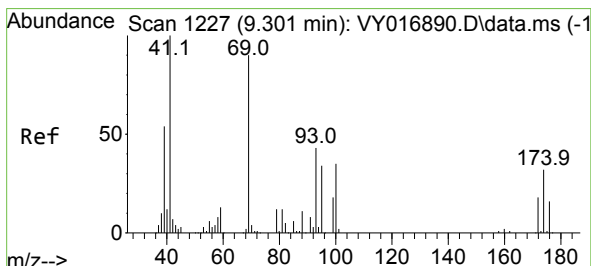
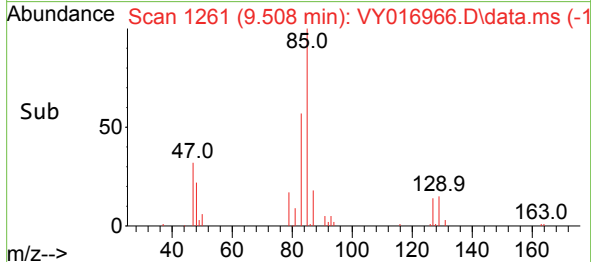
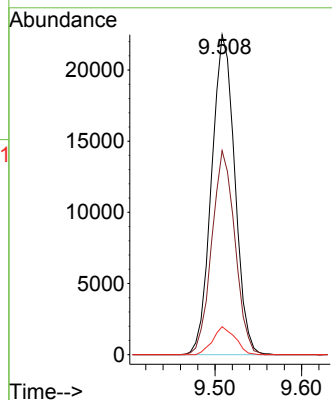
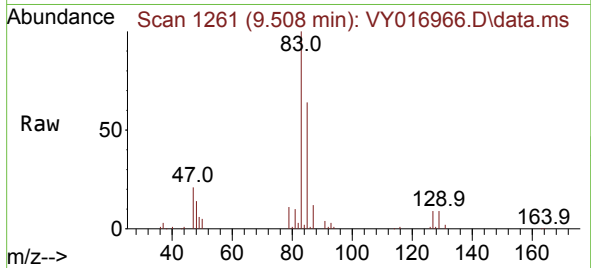




#47
Bromodichloromethane
Concen: 21.796 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

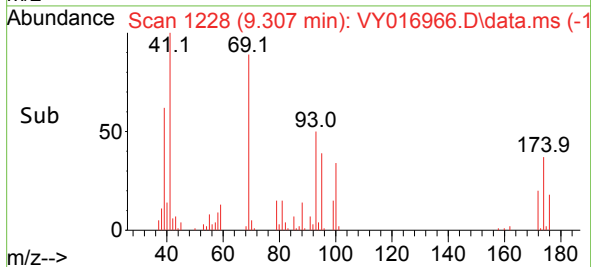
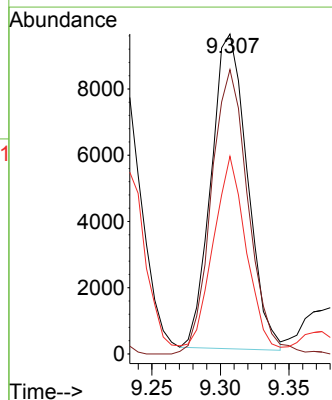
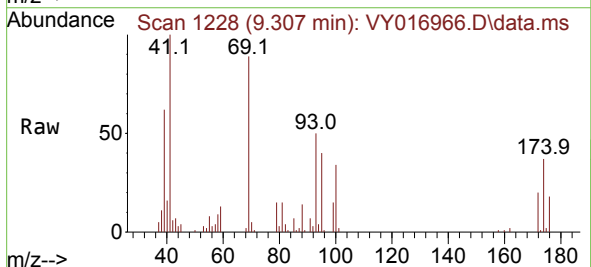
Instrument :
MSVOA_Y
ClientSampleId :

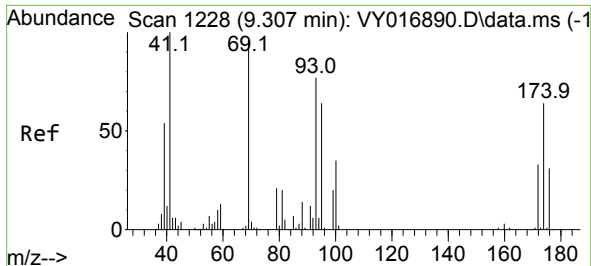
Tgt Ion: 83 Resp: 41831
Ion Ratio Lower Upper
83 100
85 63.8 53.2 79.8
127 8.7 6.4 9.6



#48
Methyl methacrylate
Concen: 20.494 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

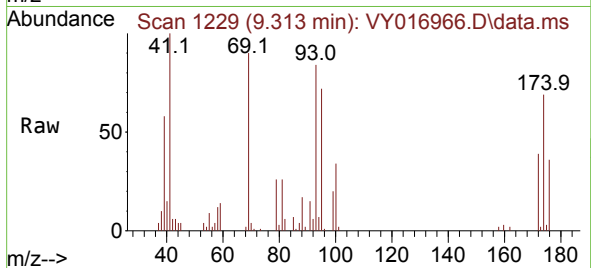
Tgt Ion: 41 Resp: 17453
Ion Ratio Lower Upper
41 100
69 92.5 72.1 108.1
39 58.8 42.8 64.2



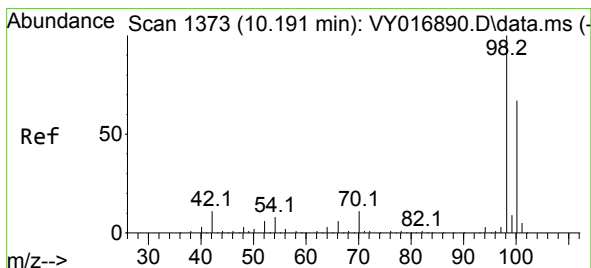
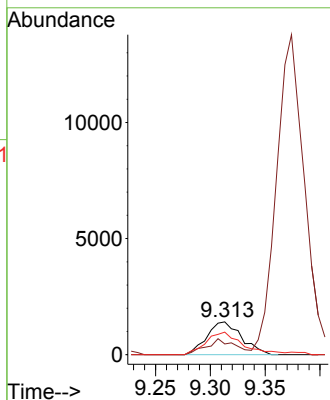
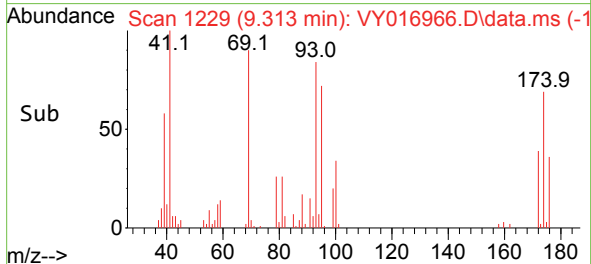


#49
1,4-Dioxane
Concen: 419.862 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Instrument :
MSVOA_Y
ClientSampleId :

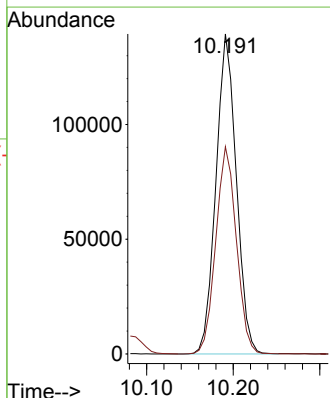
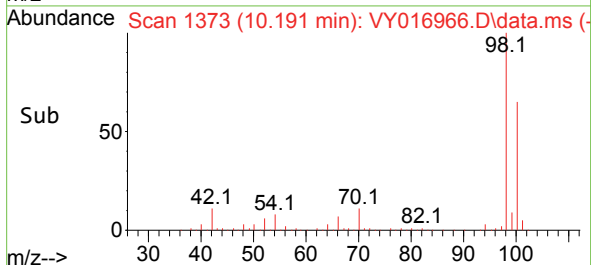
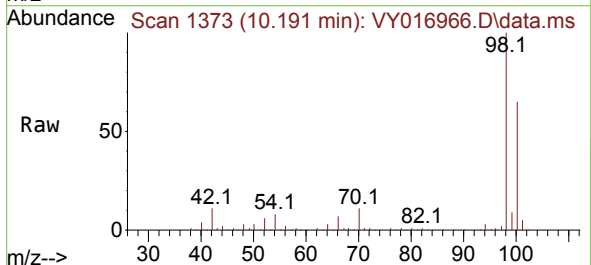


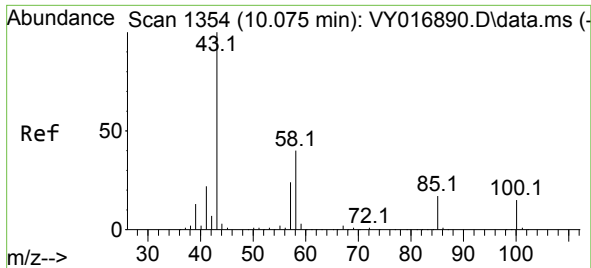
Tgt Ion: 88 Resp: 3107
Ion Ratio Lower Upper
88 100
43 40.9 28.2 42.4
58 72.8 52.2 78.2



#50
Toluene-d8
Concen: 53.170 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 98 Resp: 227807
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

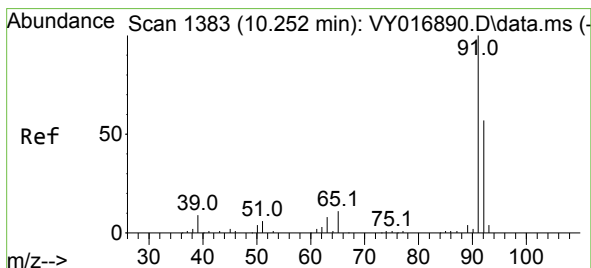
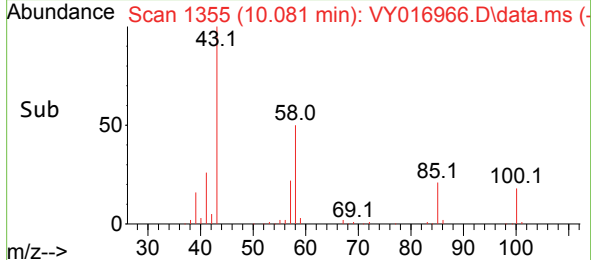
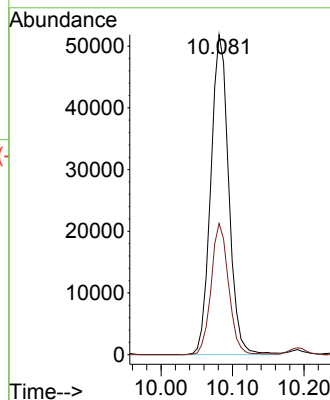
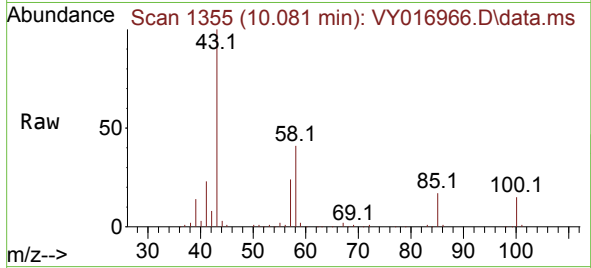




#51
4-Methyl-2-Pentanone
Concen: 107.760 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

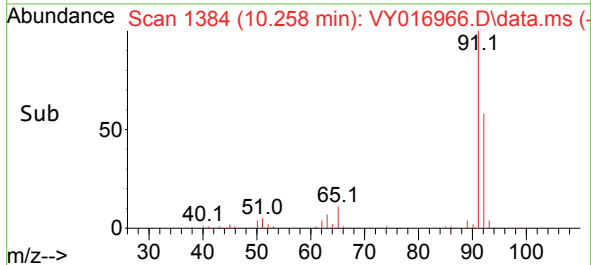
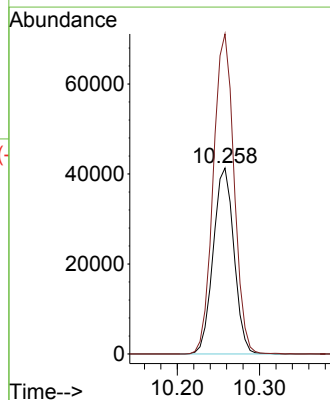
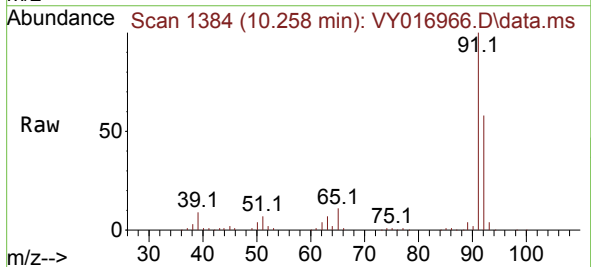
Instrument :
MSVOA_Y
ClientSampleId :

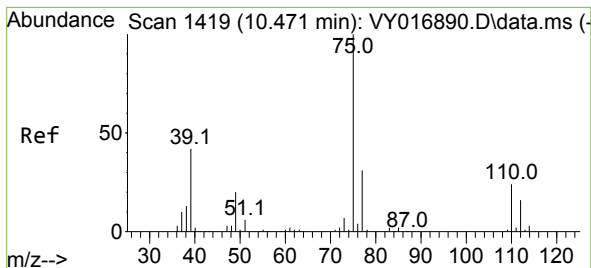
Tgt Ion: 43 Resp: 90434
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2



#52
Toluene
Concen: 22.062 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 92 Resp: 72425
Ion Ratio Lower Upper
92 100
91 172.4 137.6 206.4

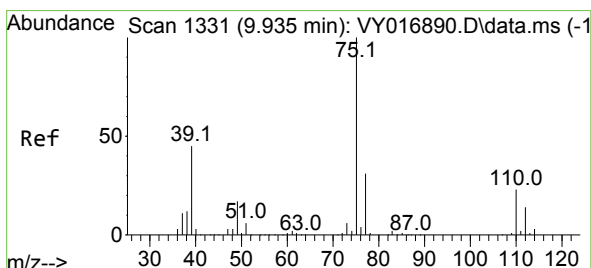
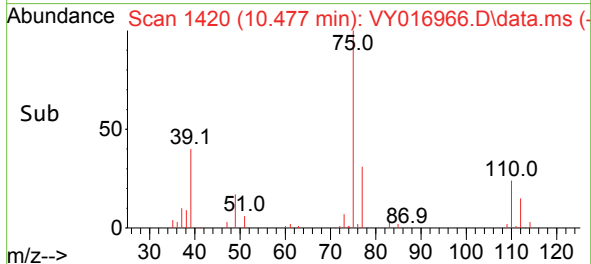
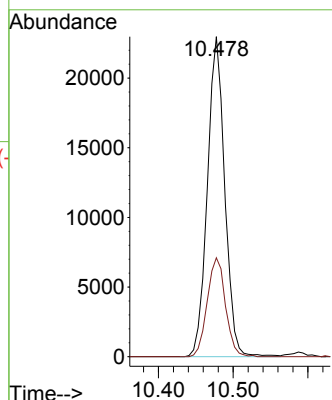
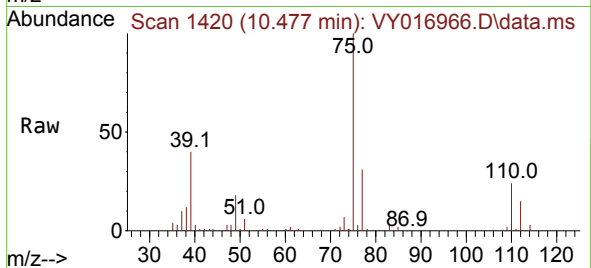




#53
t-1,3-Dichloropropene
Concen: 21.553 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

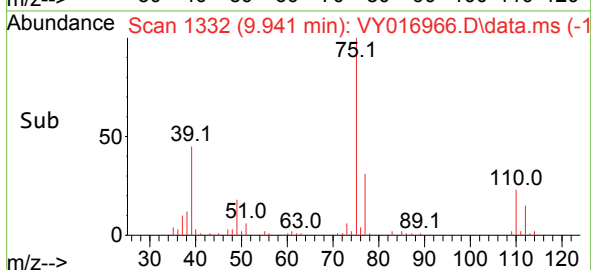
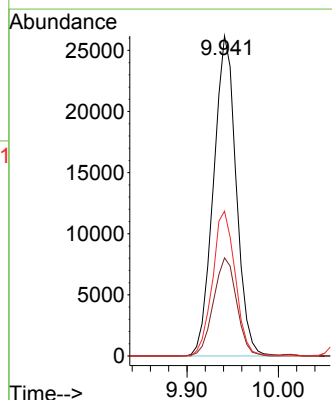
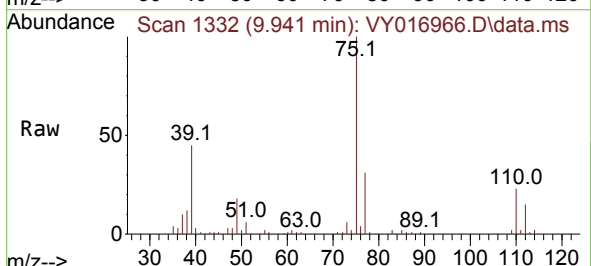
Instrument :
MSVOA_Y
ClientSampleId :

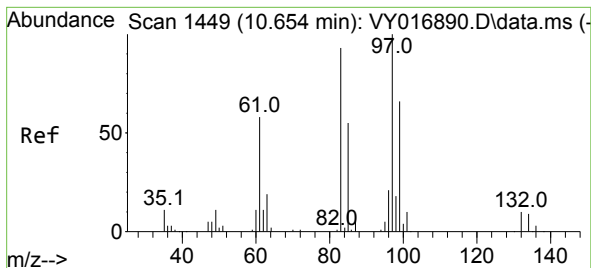
Tgt Ion: 75 Resp: 37050
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 21.841 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 75 Resp: 45089
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8
39 45.3 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.725 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

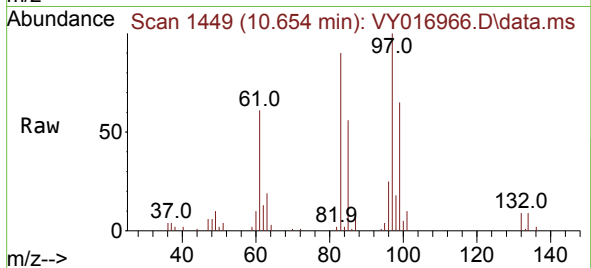
Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 22683

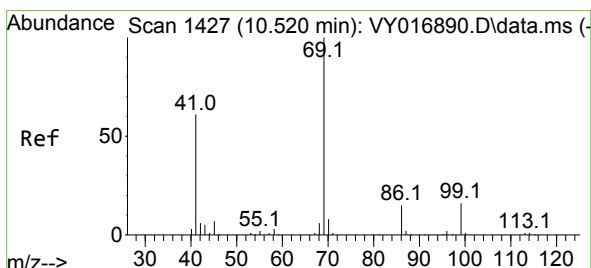
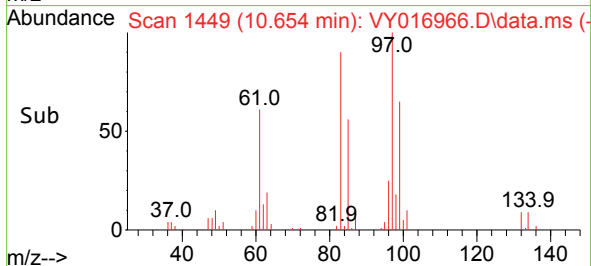
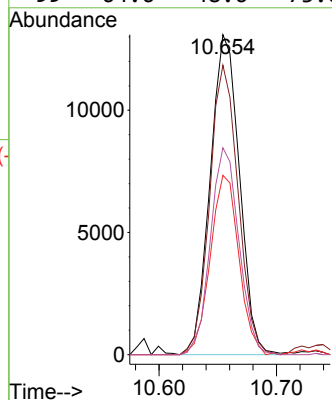
Ion Ratio Lower Upper

97 100

83 90.5 69.4 104.2

85 56.1 43.9 65.9

99 64.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 21.344 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

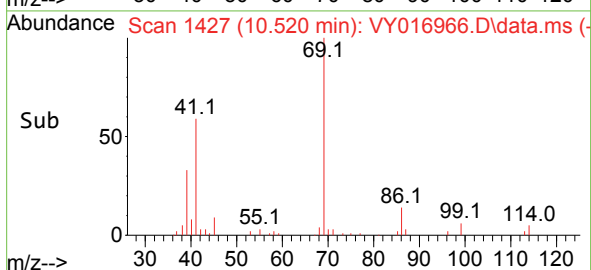
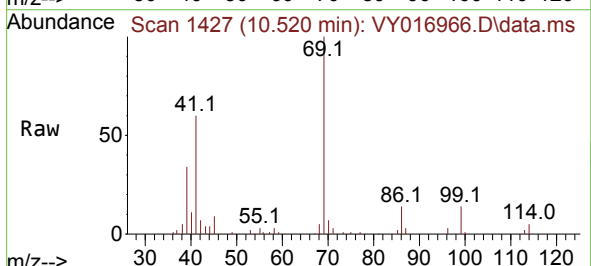
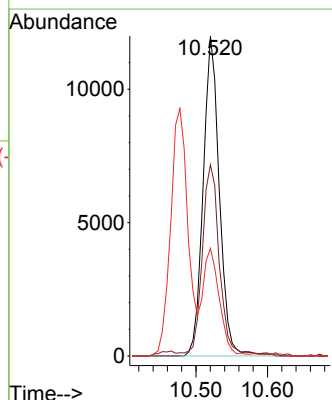
Tgt Ion: 69 Resp: 18876

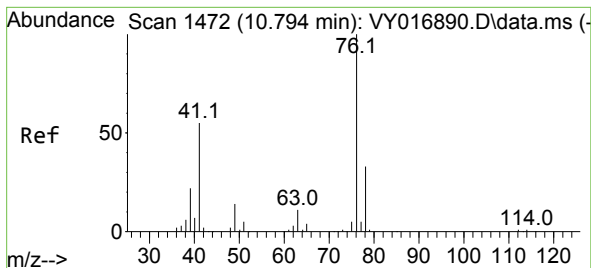
Ion Ratio Lower Upper

69 100

41 61.5 49.2 73.8

39 32.7 26.8 40.2





#57

1,3-Dichloropropane

Concen: 21.484 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.001 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

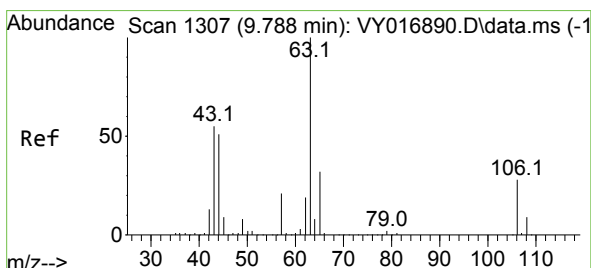
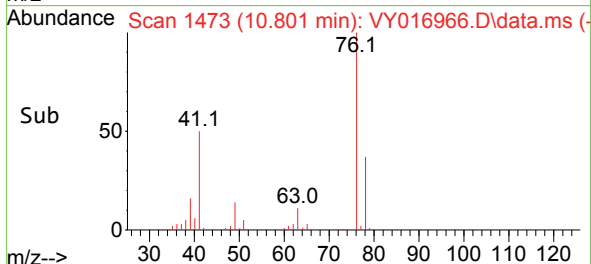
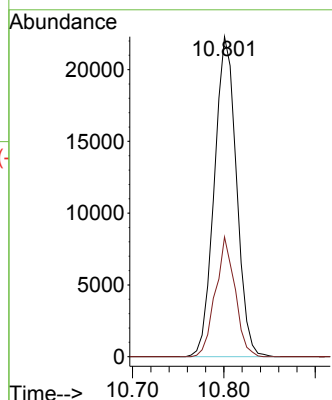
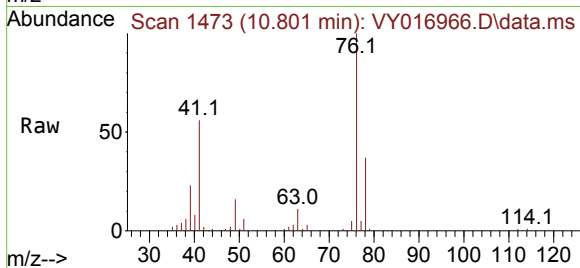
ClientSampleId :

Tgt Ion: 76 Resp: 37452

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 94.926 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY016966.D

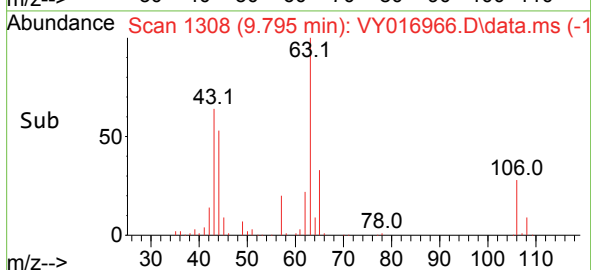
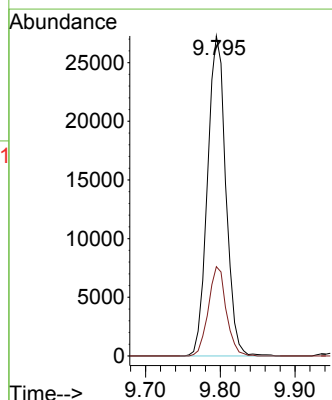
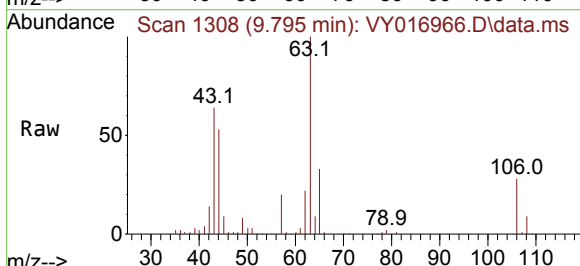
Acq: 10 Jan 2024 12:07

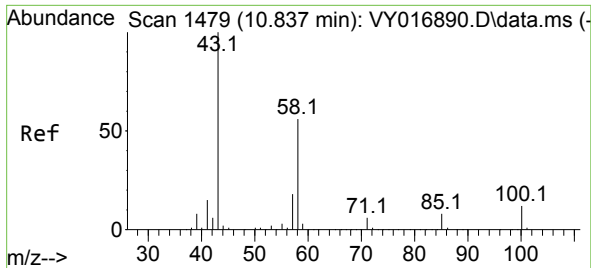
Tgt Ion: 63 Resp: 46355

Ion Ratio Lower Upper

63 100

106 27.2 22.4 33.6

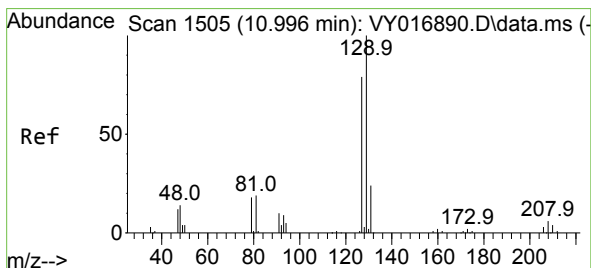
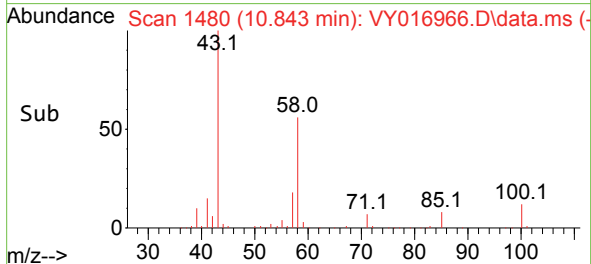
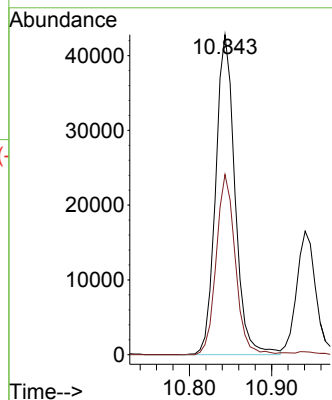
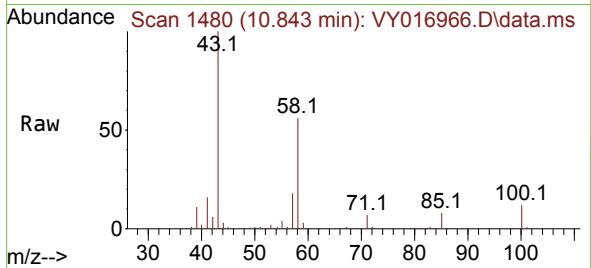




#59
2-Hexanone
Concen: 112.896 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

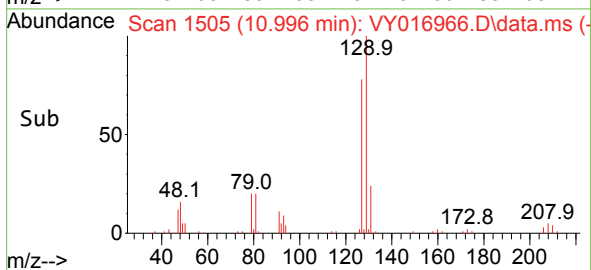
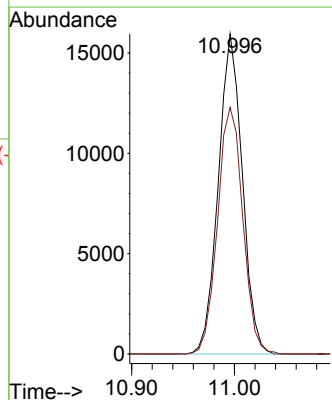
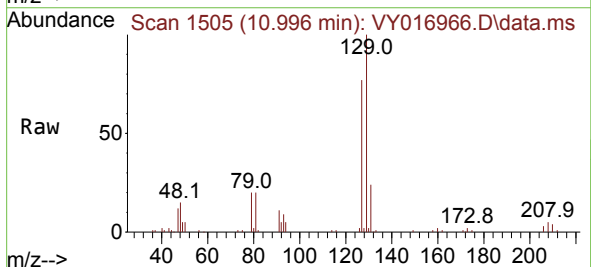
Instrument :
MSVOA_Y
ClientSampleId :

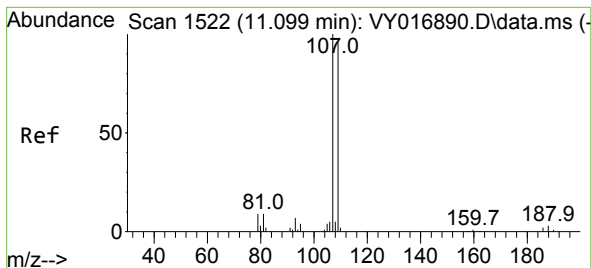
Tgt Ion: 43 Resp: 69763
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.3



#60
Dibromochloromethane
Concen: 21.435 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 129 Resp: 25809
Ion Ratio Lower Upper
129 100
127 81.1 39.2 117.6

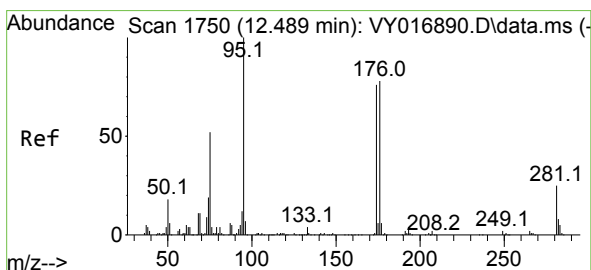
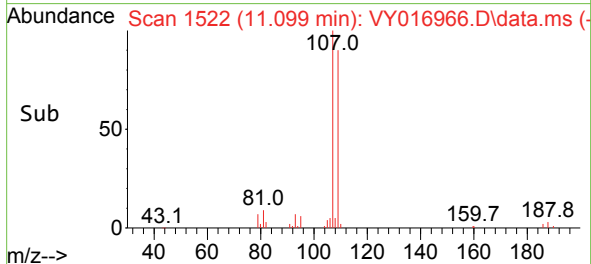
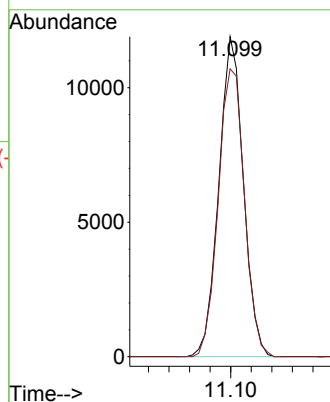
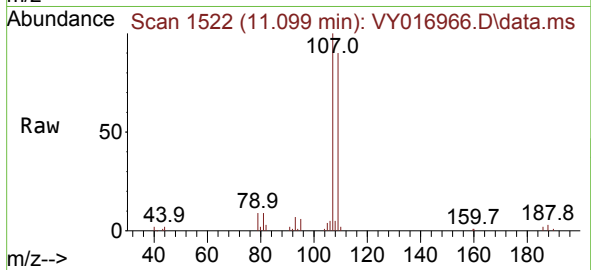




#61
1,2-Dibromoethane
Concen: 21.722 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

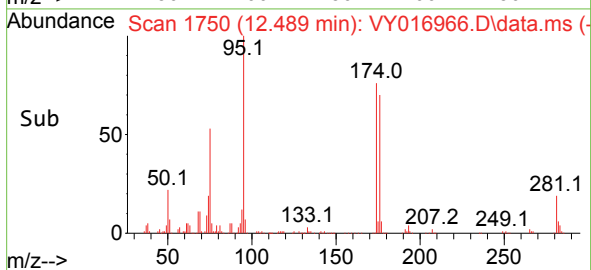
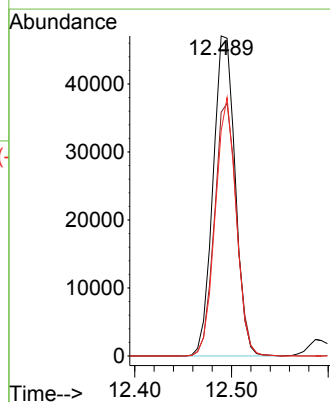
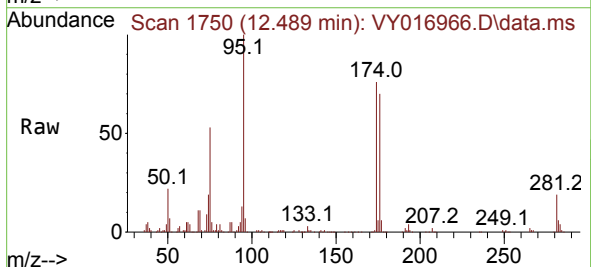
Instrument :
MSVOA_Y
ClientSampleId :

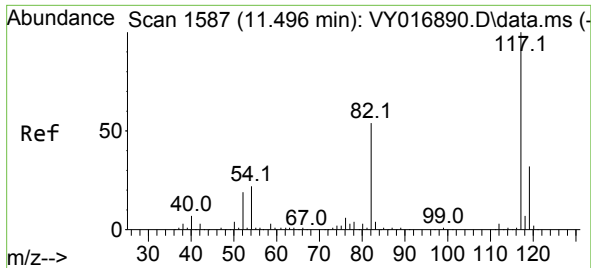
Tgt Ion:107 Resp: 19705
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.686 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 95 Resp: 74715
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 76.4 0.0 151.8

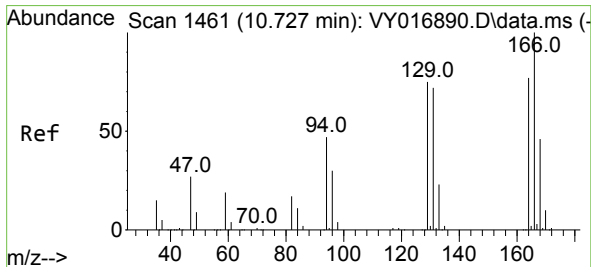
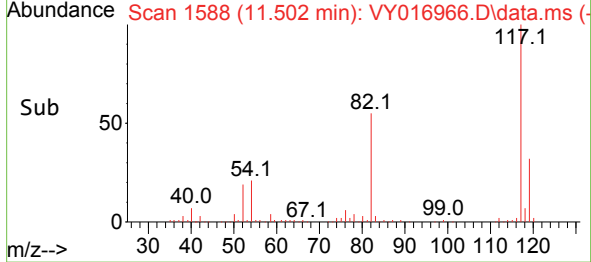
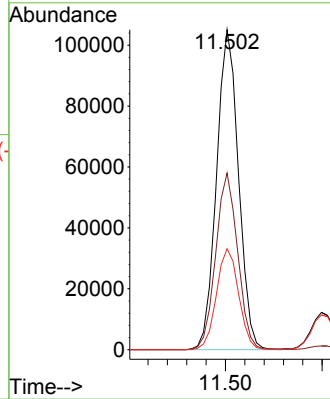
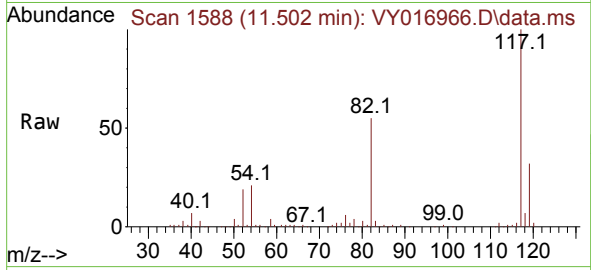




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

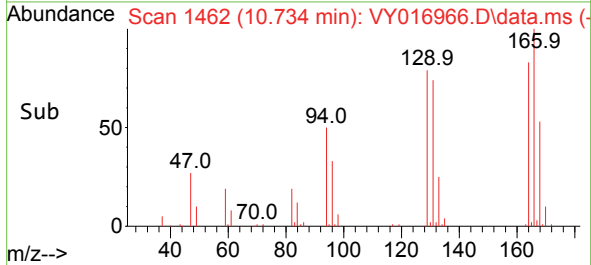
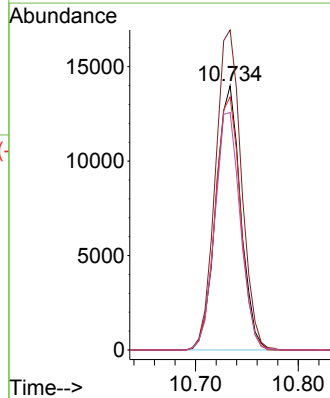
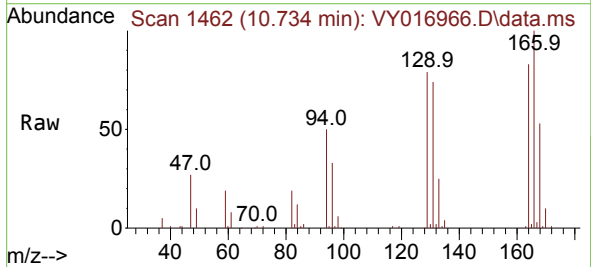
Instrument :
MSVOA_Y
ClientSampleId :

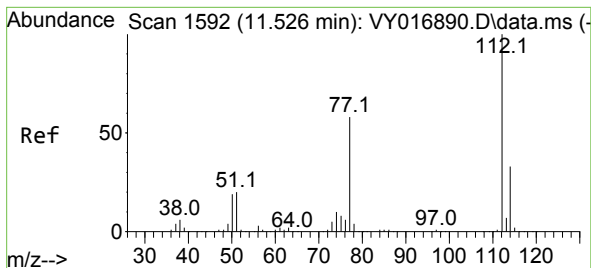
Tgt Ion:117 Resp: 165492
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 31.6 26.5 39.7



#64
Tetrachloroethene
Concen: 21.725 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.007 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion:164 Resp: 23309
Ion Ratio Lower Upper
164 100
166 121.1 98.8 148.2
129 95.8 78.9 118.3
131 89.9 72.5 108.7

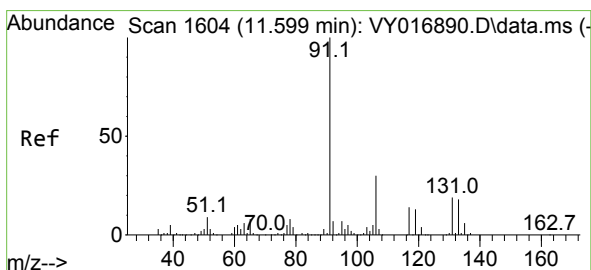
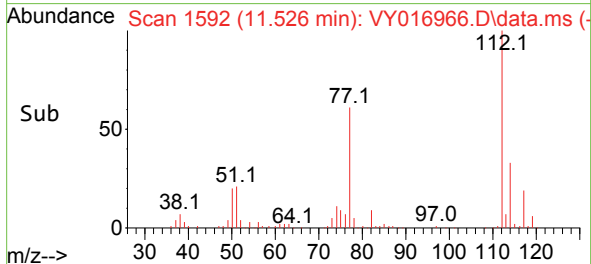
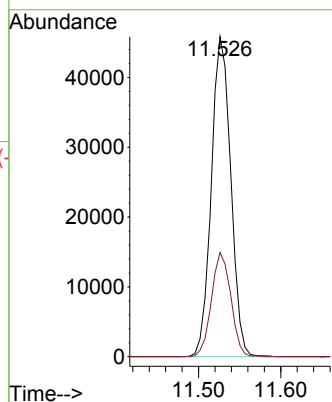
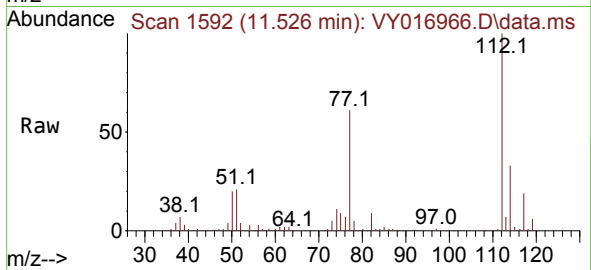




#65
Chlorobenzene
Concen: 21.847 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

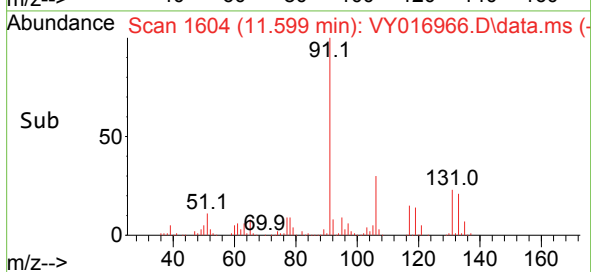
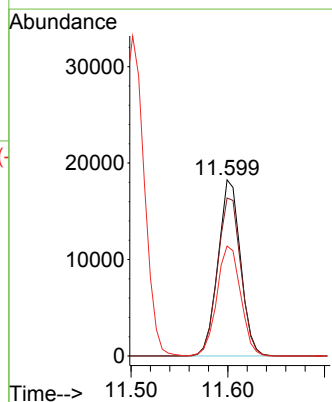
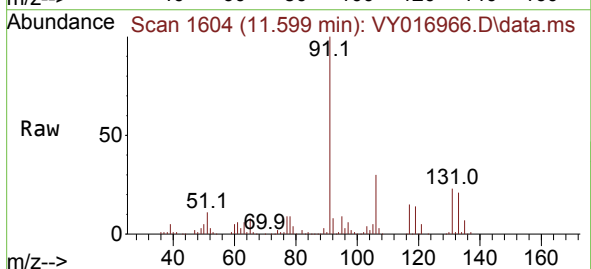
Instrument :
MSVOA_Y
ClientSampleId :

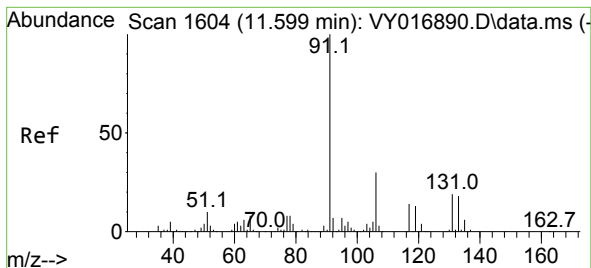
Tgt Ion:112 Resp: 75319
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.476 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion:131 Resp: 29456
Ion Ratio Lower Upper
131 100
133 93.5 47.0 141.0
119 66.2 33.3 99.9





#67

Ethyl Benzene

Concen: 21.970 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

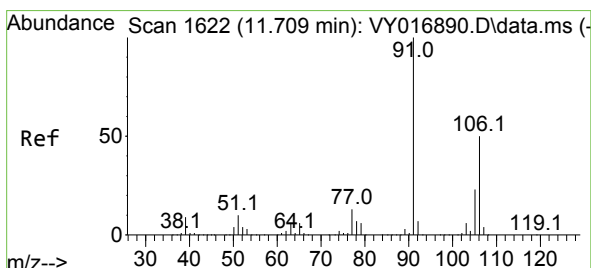
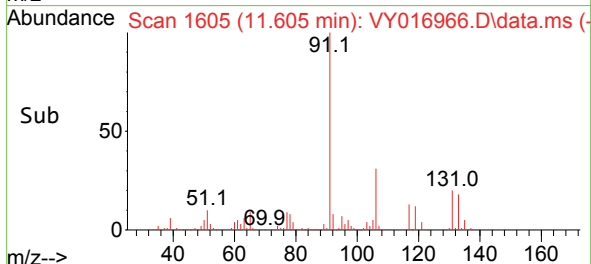
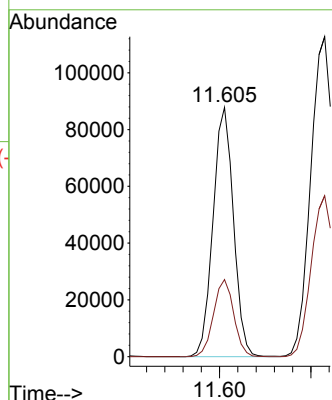
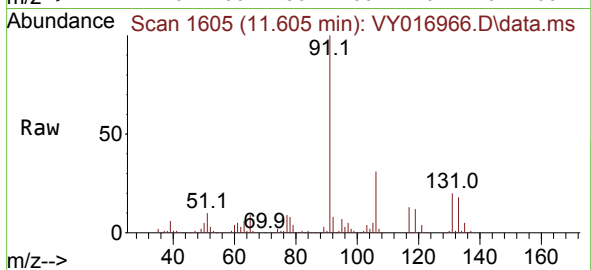
ClientSampleId :

Tgt Ion: 91 Resp: 136363

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 44.610 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016966.D

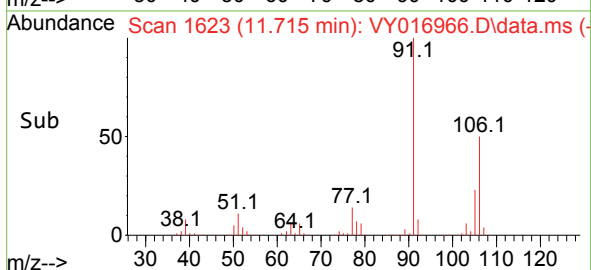
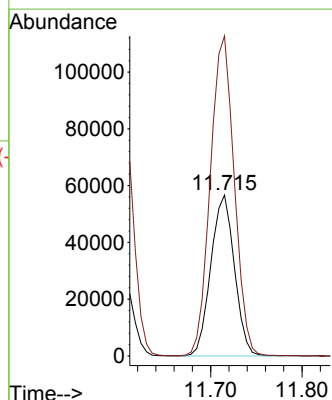
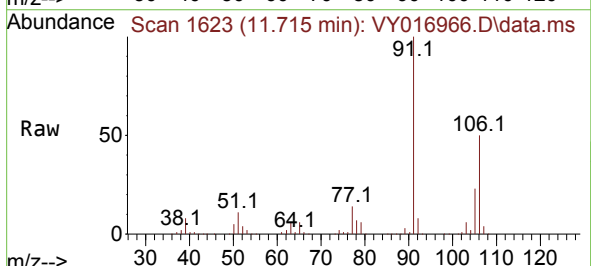
Acq: 10 Jan 2024 12:07

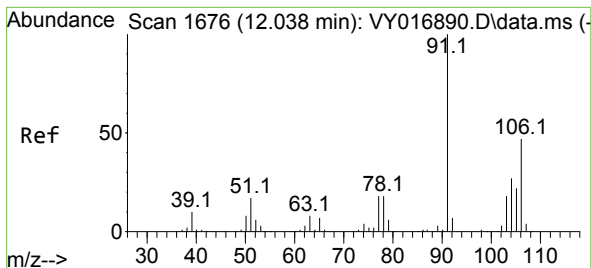
Tgt Ion:106 Resp: 101631

Ion Ratio Lower Upper

106 100

91 202.3 160.7 241.1





#69

o-Xylene

Concen: 21.806 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

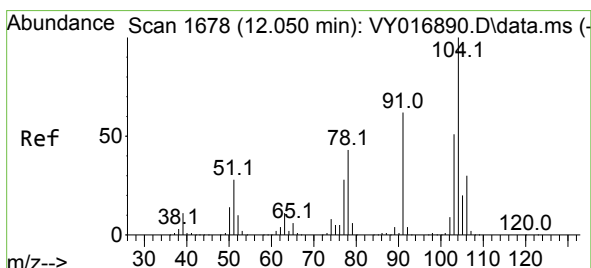
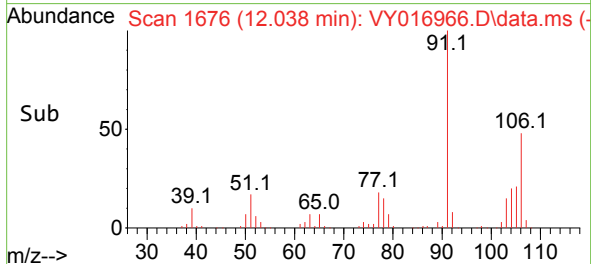
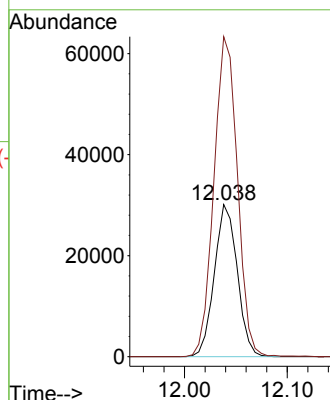
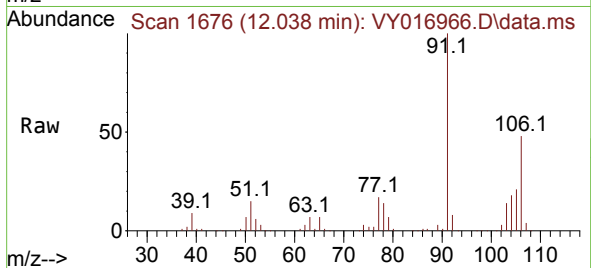
ClientSampleId :

Tgt Ion:106 Resp: 46572

Ion Ratio Lower Upper

106 100

91 216.2 106.5 319.5



#70

Styrene

Concen: 22.077 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

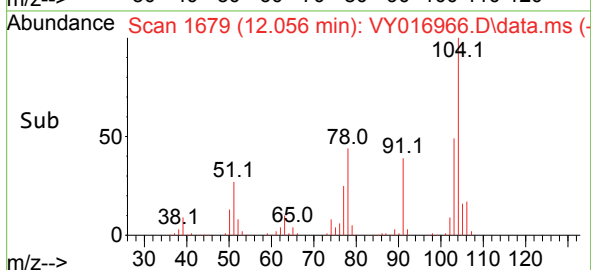
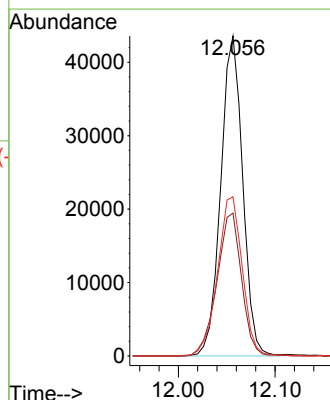
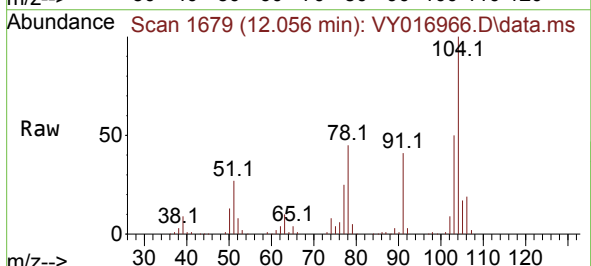
Tgt Ion:104 Resp: 68627

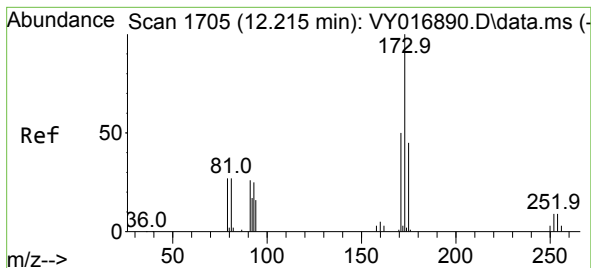
Ion Ratio Lower Upper

104 100

78 50.0 39.2 58.8

103 56.0 43.8 65.6





#71

Bromoform

Concen: 21.760 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

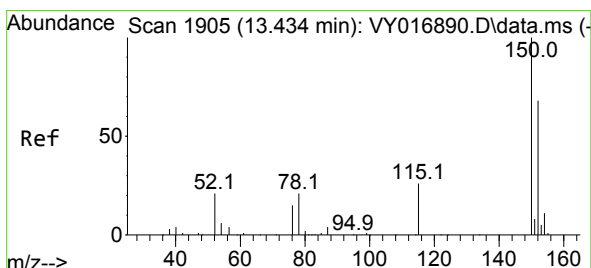
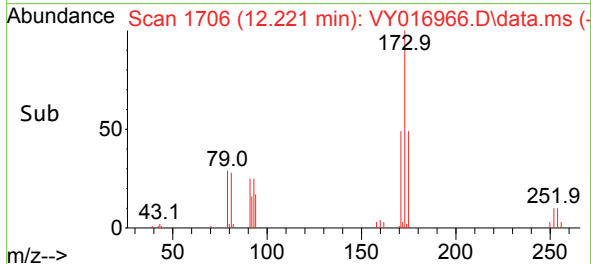
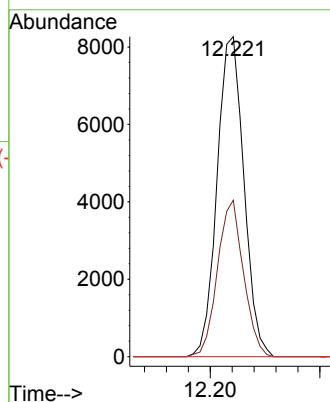
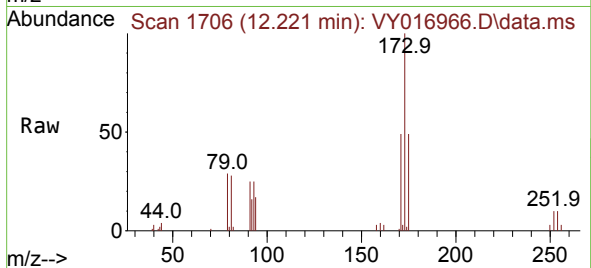
Tgt Ion:173 Resp: 14039

Ion Ratio Lower Upper

173 100

175 47.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

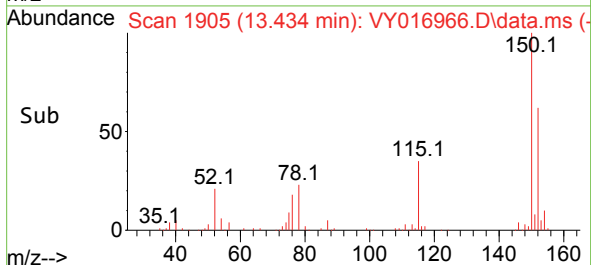
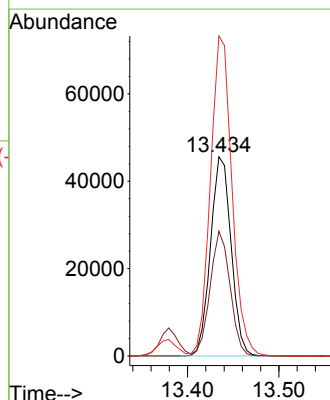
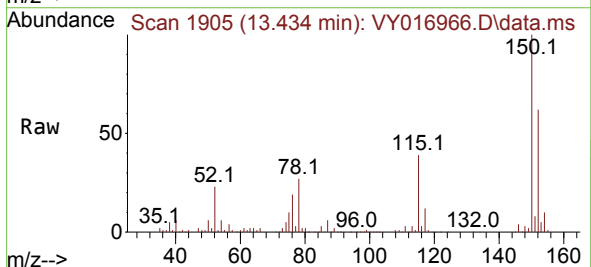
Tgt Ion:152 Resp: 71598

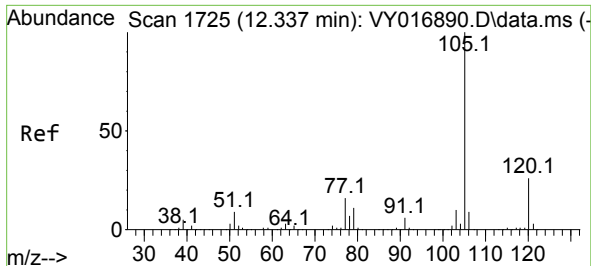
Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 167.3 0.0 344.6

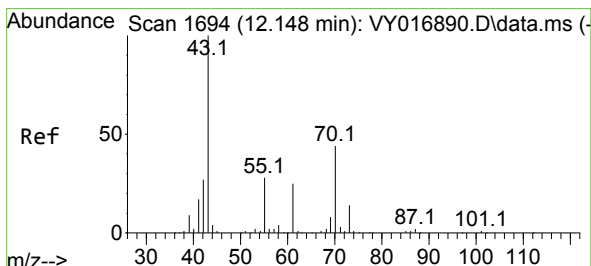
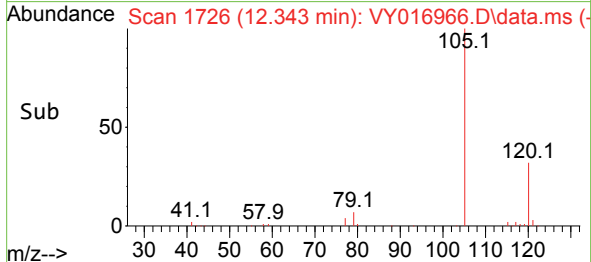
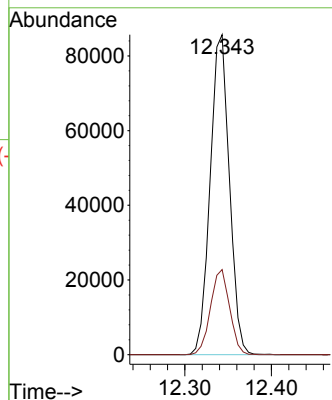
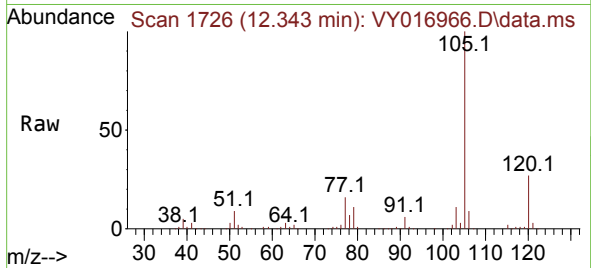




#73
Isopropylbenzene
Concen: 22.588 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

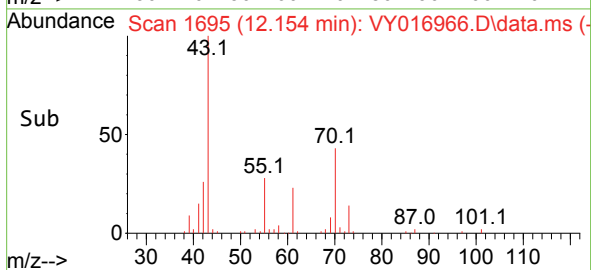
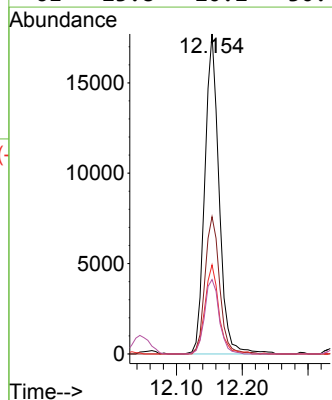
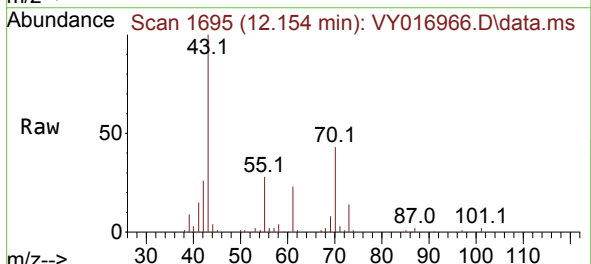
Instrument :
MSVOA_Y
ClientSampleId :

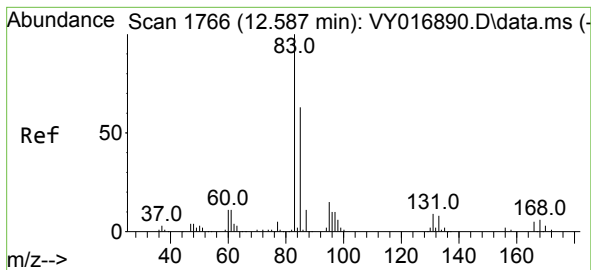
Tgt Ion:105 Resp: 132066
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 22.770 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 43 Resp: 26748
Ion Ratio Lower Upper
43 100
70 43.9 36.6 55.0
55 27.4 22.2 33.4
61 23.8 20.2 30.4

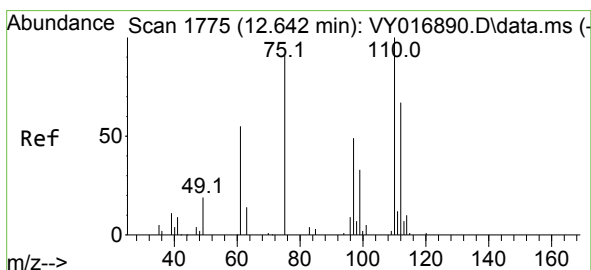
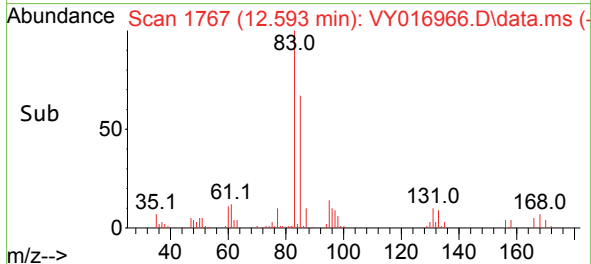
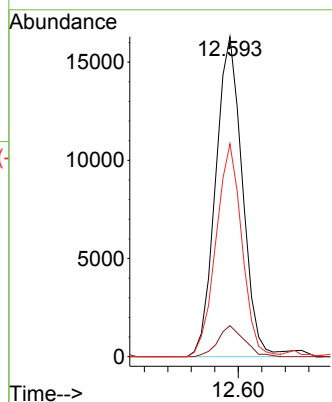
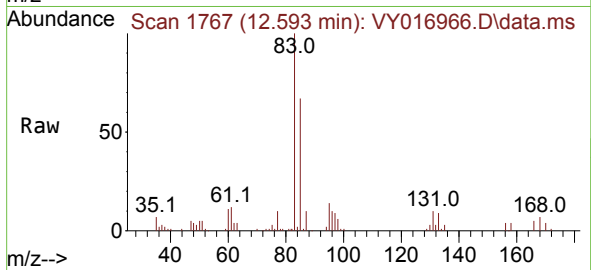




#75
1,1,2,2-Tetrachloroethane
Concen: 21.605 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

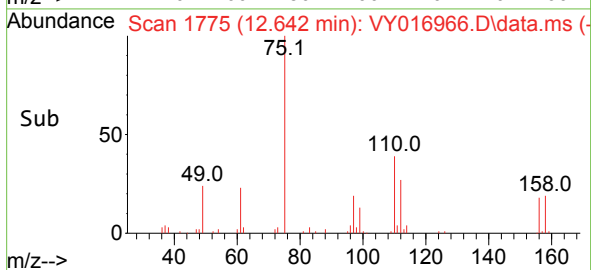
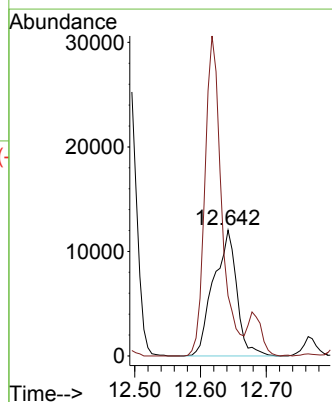
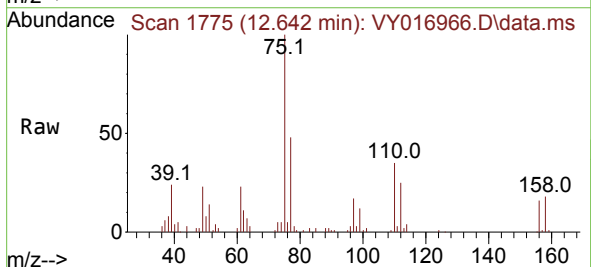
Instrument :
MSVOA_Y
ClientSampleId :

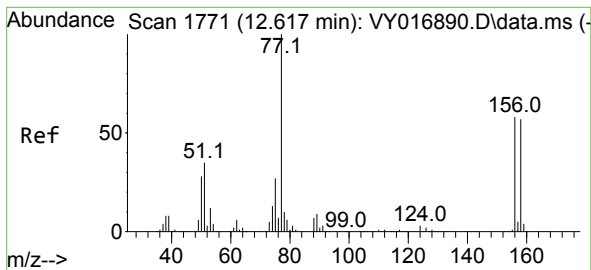
Tgt Ion: 83 Resp: 25738
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 64.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 38.048 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 75 Resp: 29562
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.789 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

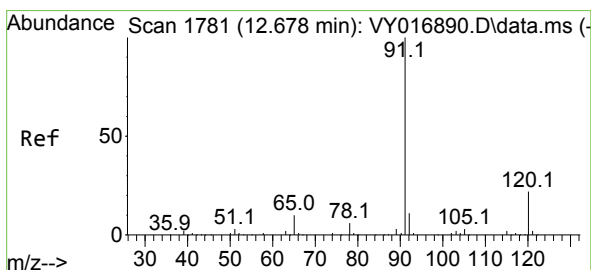
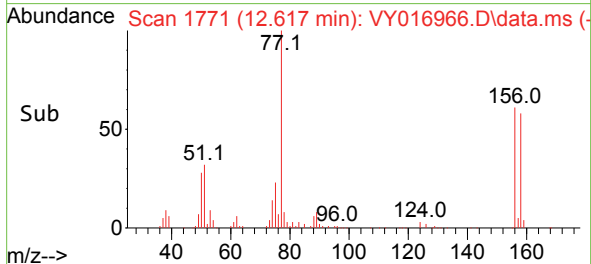
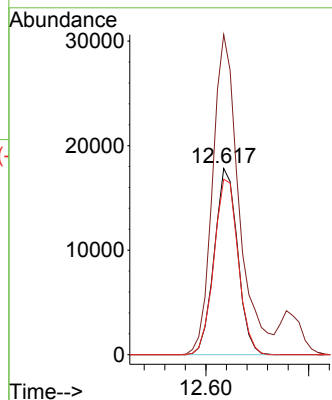
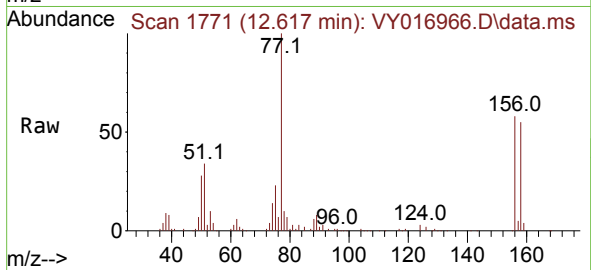
Tgt Ion:156 Resp: 28049

Ion Ratio Lower Upper

156 100

77 194.8 97.3 291.8

158 98.0 48.4 145.0



#78

n-propylbenzene

Concen: 22.737 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016966.D

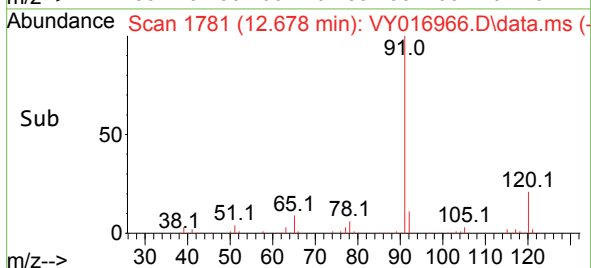
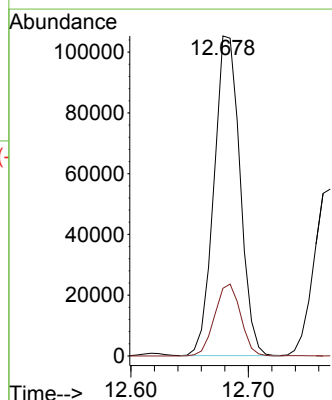
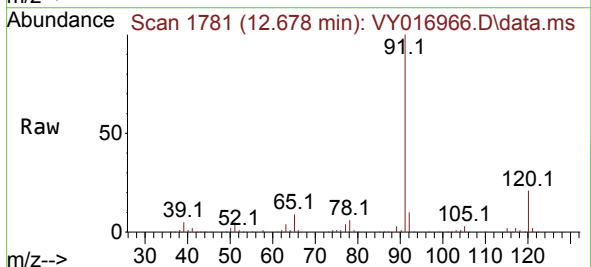
Acq: 10 Jan 2024 12:07

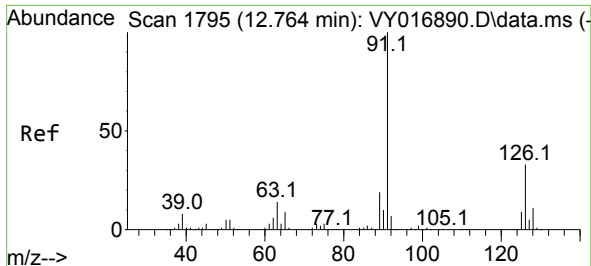
Tgt Ion: 91 Resp: 161610

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0

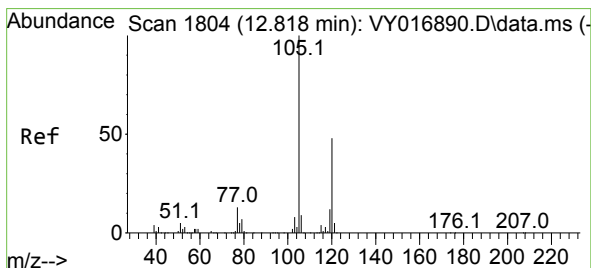
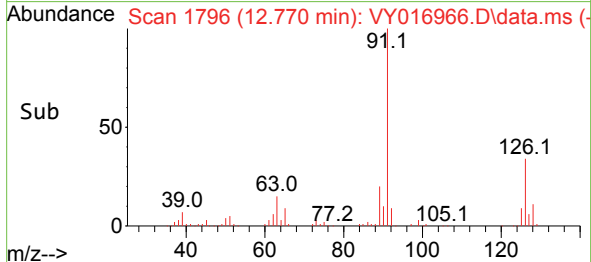
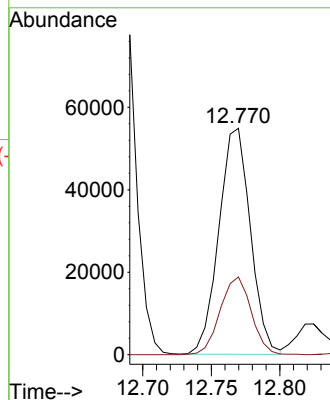
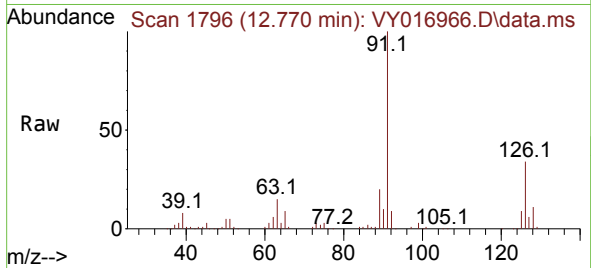




#79
2-Chlorotoluene
Concen: 22.329 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

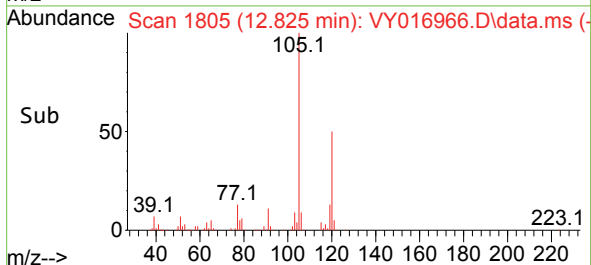
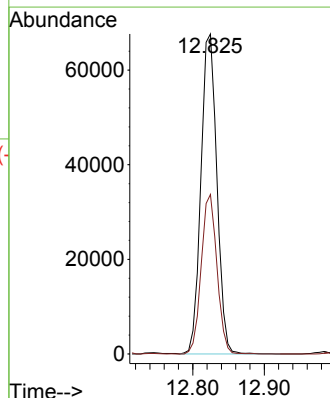
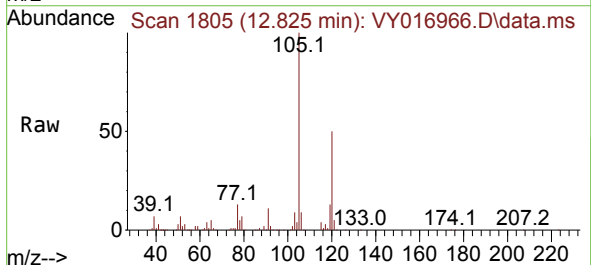
Instrument :
MSVOA_Y
ClientSampleId :

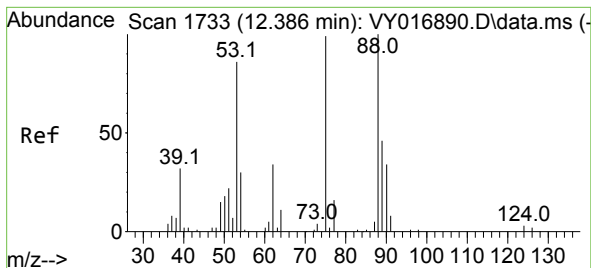
Tgt Ion: 91 Resp: 88012
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 22.649 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 105 Resp: 104730
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

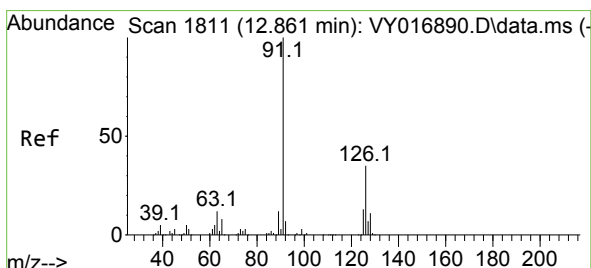
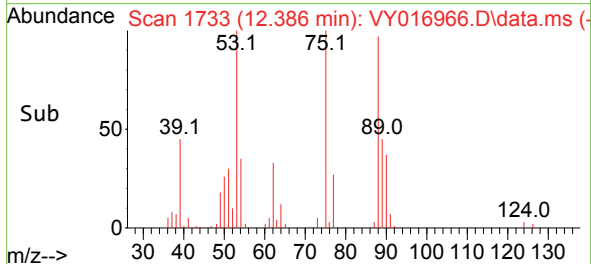
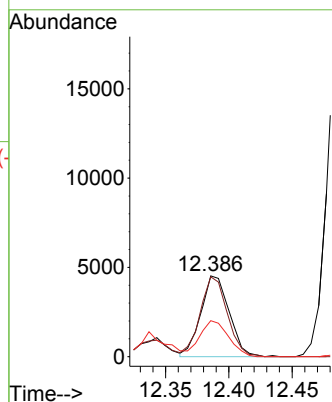
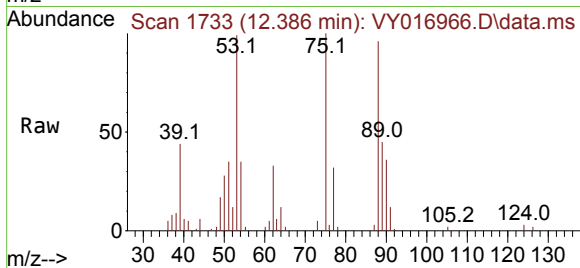




#81
trans-1,4-Dichloro-2-butene
Concen: 20.595 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

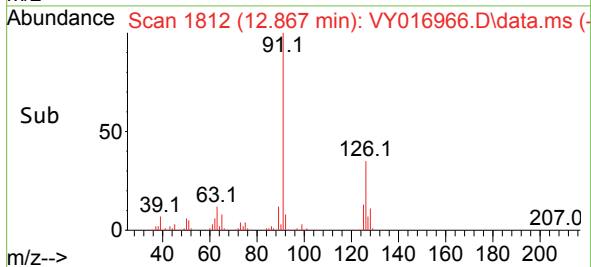
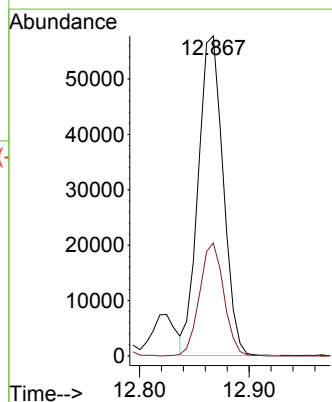
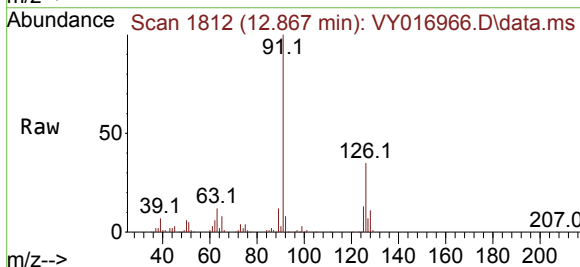
Instrument :
MSVOA_Y
ClientSampleId :

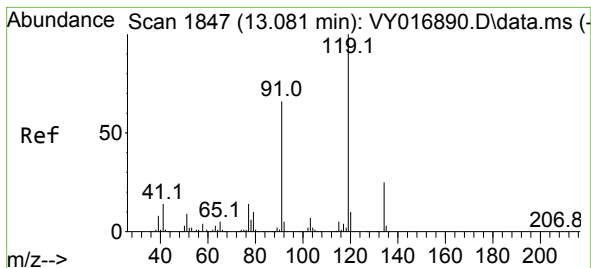
Tgt Ion: 75 Resp: 7047
Ion Ratio Lower Upper
75 100
53 94.9 74.0 111.0
89 44.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 22.666 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016966.D
Acq: 10 Jan 2024 12:07

Tgt Ion: 91 Resp: 91272
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 23.352 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

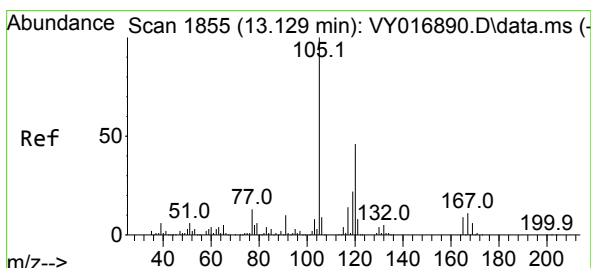
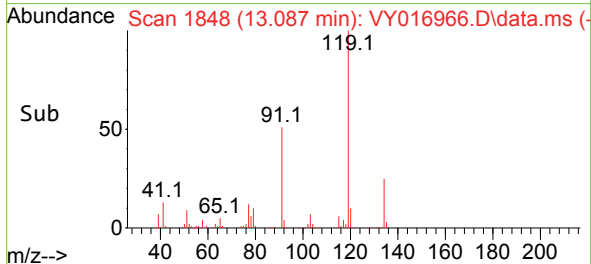
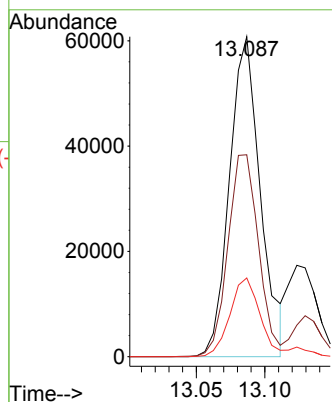
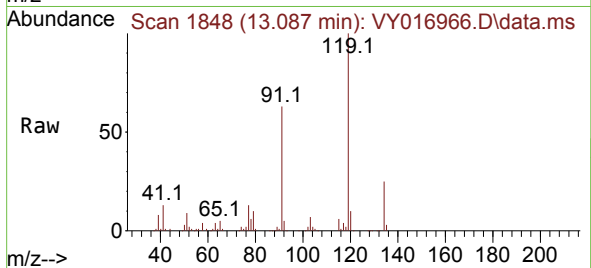
Tgt Ion:119 Resp: 95108

Ion Ratio Lower Upper

119 100

91 62.8 31.5 94.5

134 24.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 22.891 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016966.D

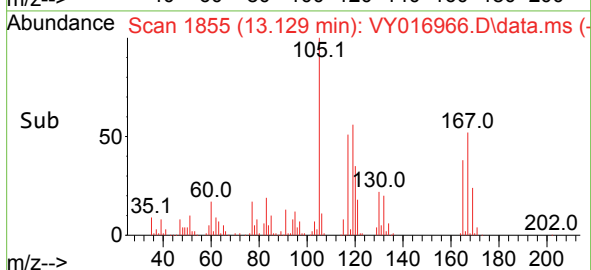
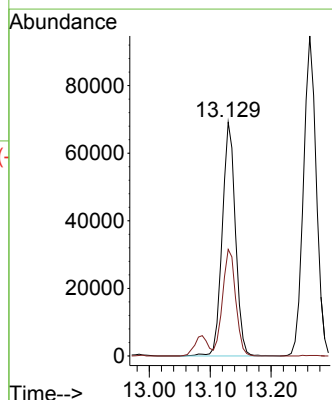
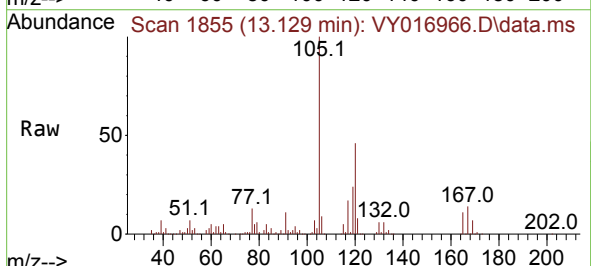
Acq: 10 Jan 2024 12:07

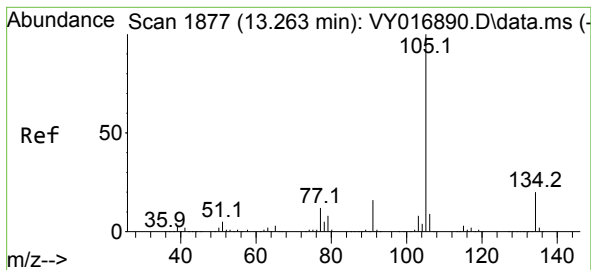
Tgt Ion:105 Resp: 104240

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 22.924 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

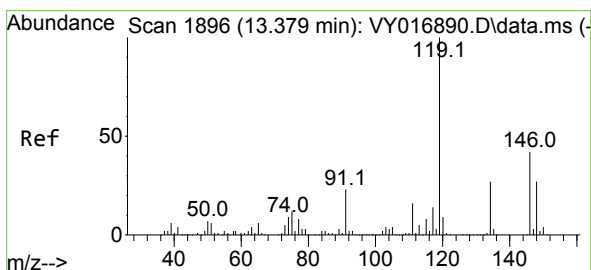
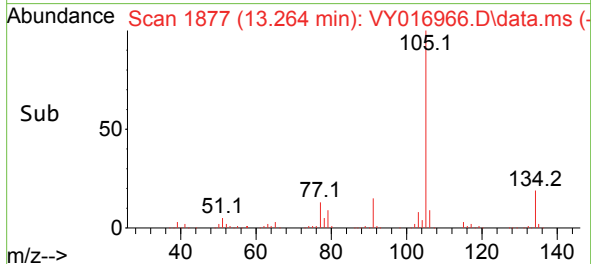
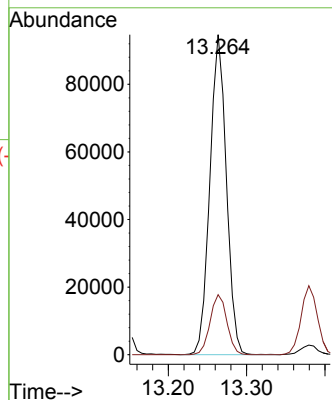
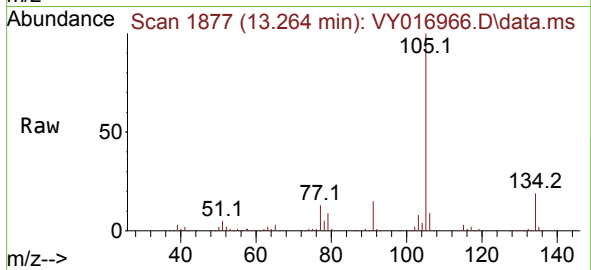
ClientSampleId :

Tgt Ion:105 Resp: 138344

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 22.863 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

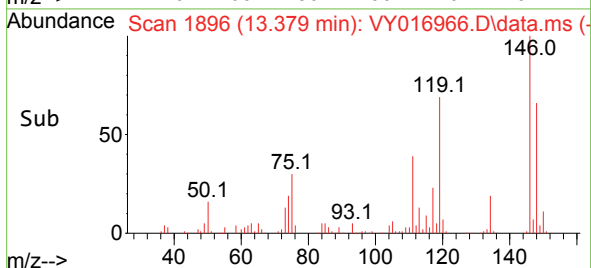
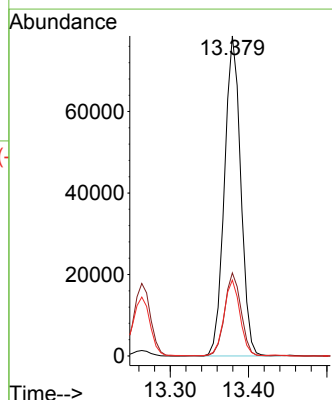
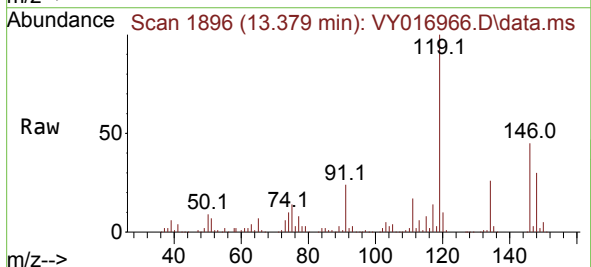
Tgt Ion:119 Resp: 113868

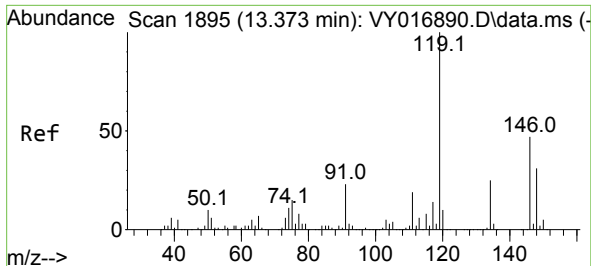
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 22.057 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

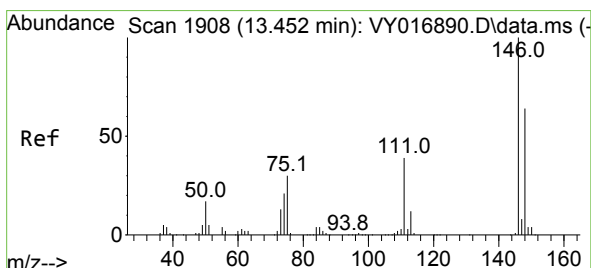
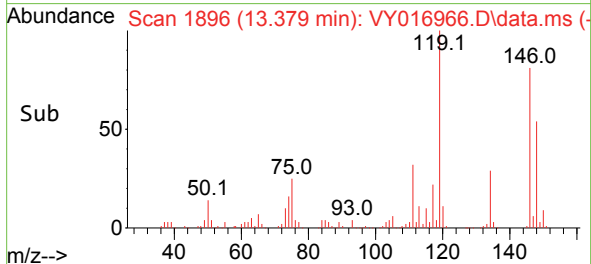
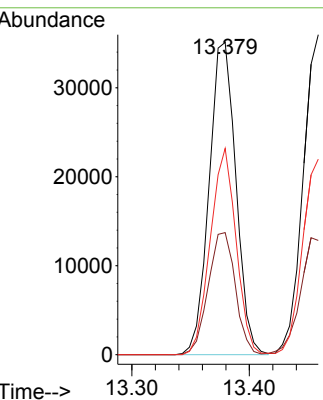
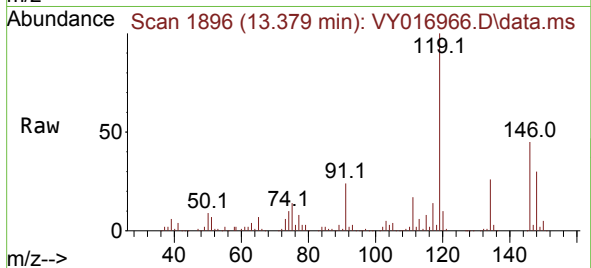
Tgt Ion:146 Resp: 55685

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 22.160 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

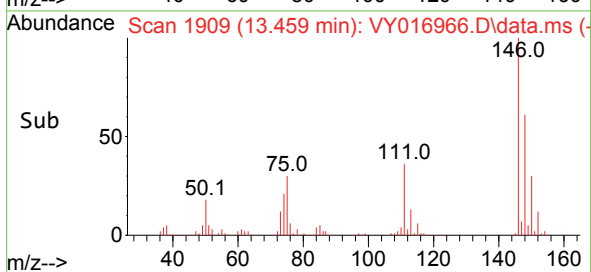
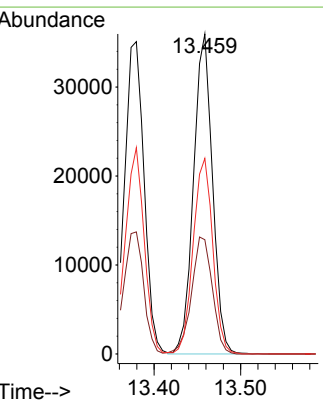
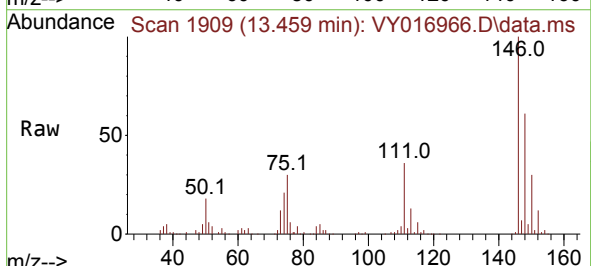
Tgt Ion:146 Resp: 54718

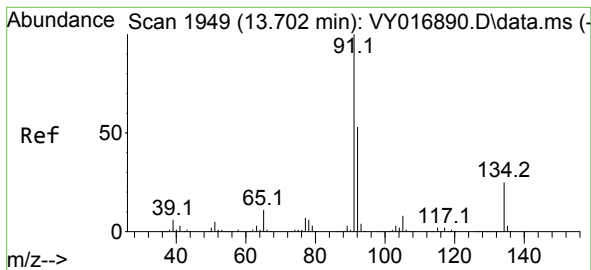
Ion Ratio Lower Upper

146 100

111 40.1 19.3 57.9

148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 23.154 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

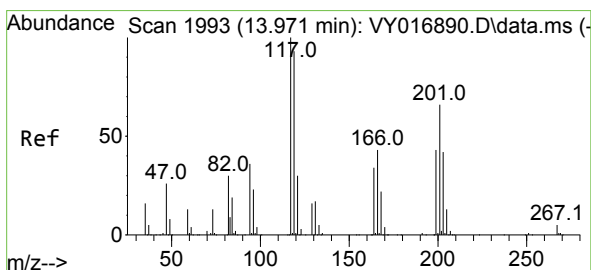
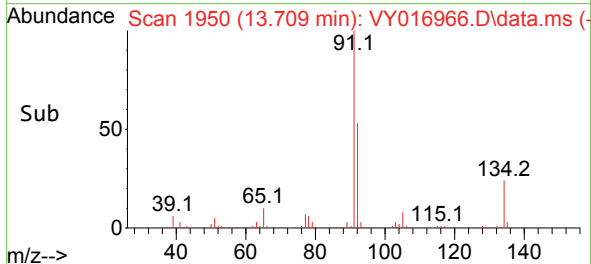
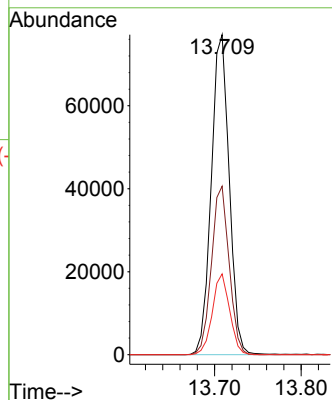
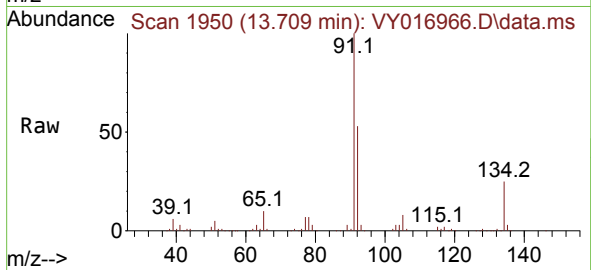
Tgt Ion: 91 Resp: 110876

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.2

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 22.491 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016966.D

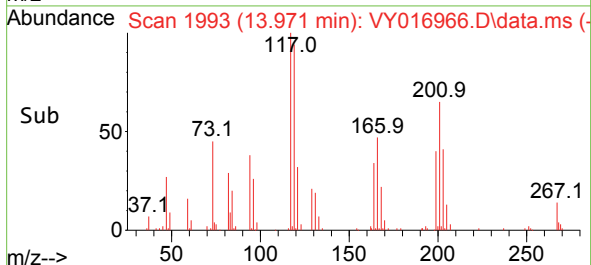
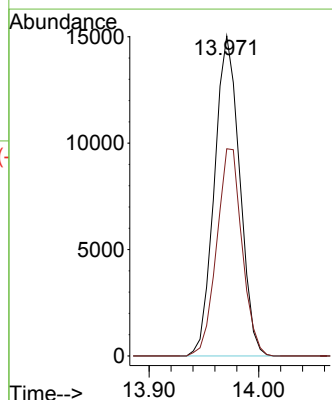
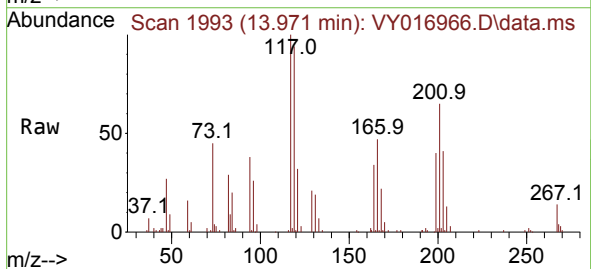
Acq: 10 Jan 2024 12:07

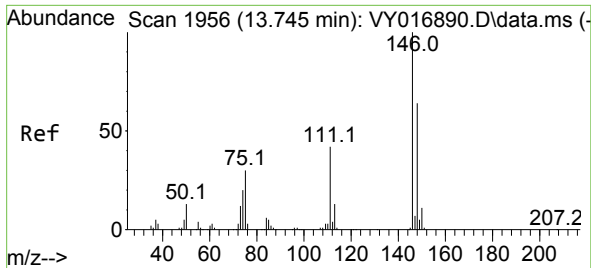
Tgt Ion: 117 Resp: 24071

Ion Ratio Lower Upper

117 100

201 65.3 33.4 100.1

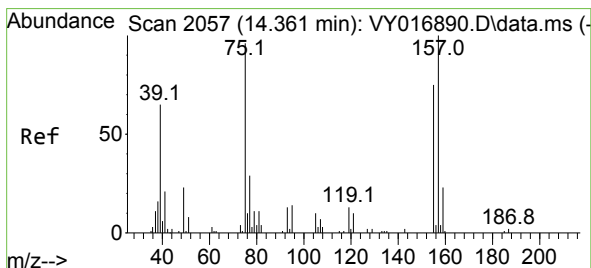
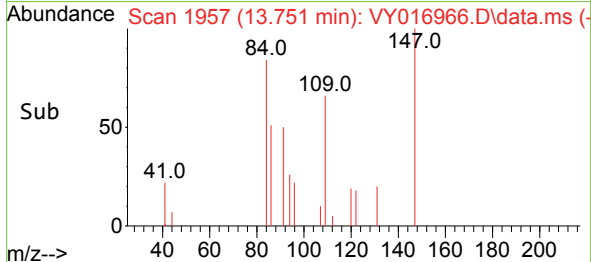
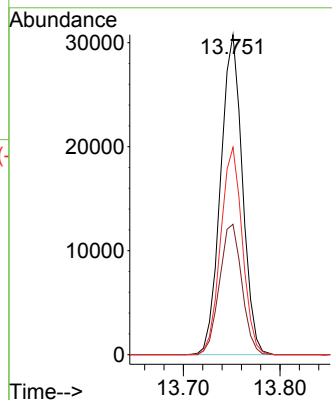
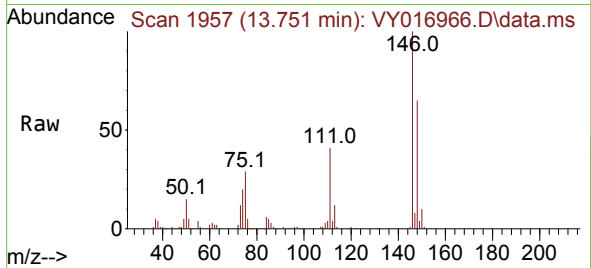




#91
 1,2-Dichlorobenzene
 Concen: 22.056 ug/l
 RT: 13.751 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VY016966.D
 Acq: 10 Jan 2024 12:07

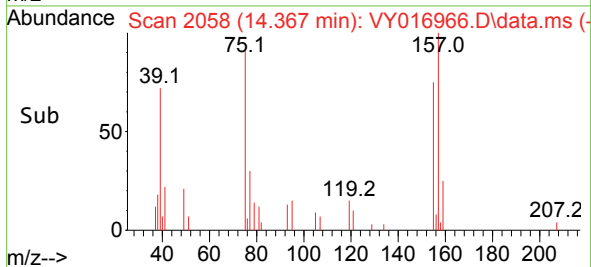
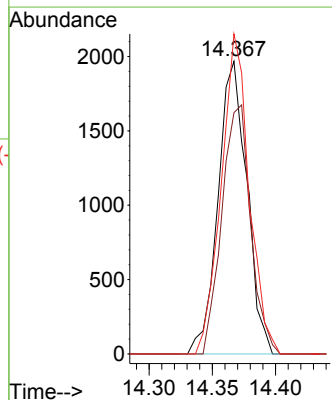
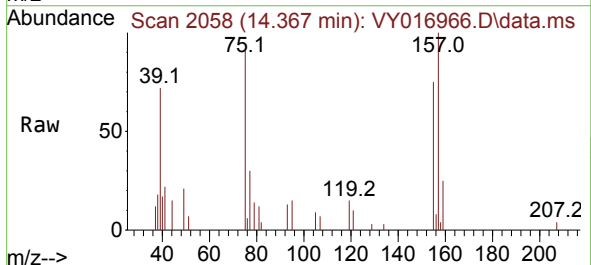
Instrument :
 MSVOA_Y
 ClientSampleId :

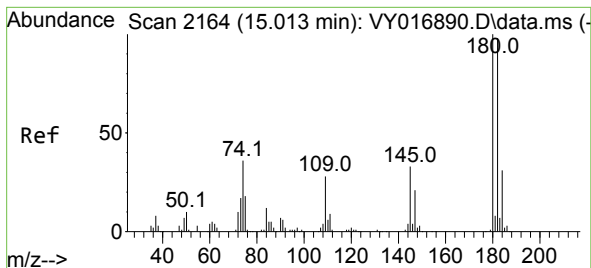
Tgt Ion:146 Resp: 48122
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.5 61.6
 148 64.5 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.872 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY016966.D
 Acq: 10 Jan 2024 12:07

Tgt Ion: 75 Resp: 3118
 Ion Ratio Lower Upper
 75 100
 155 84.9 42.1 126.3
 157 105.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.438 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016966.D

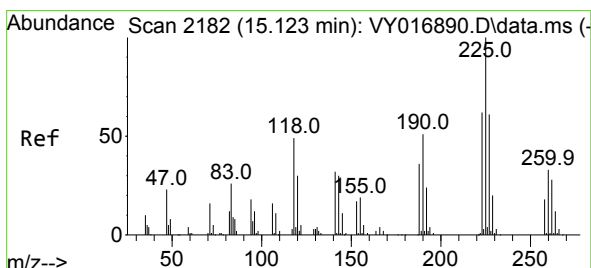
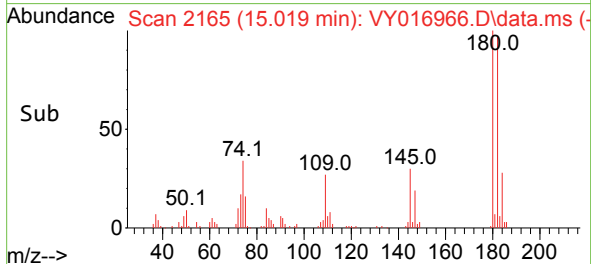
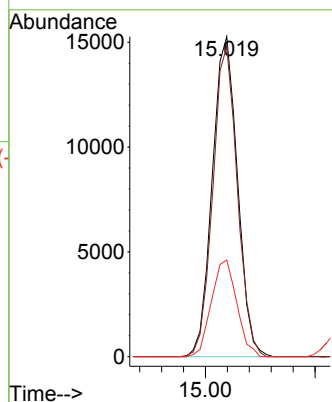
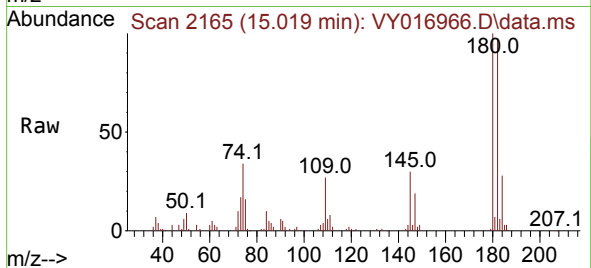
Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	24310
Ion Ratio	Lower	Upper
180	100	
182	94.3	47.9 143.7
145	30.5	15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.561 ug/l

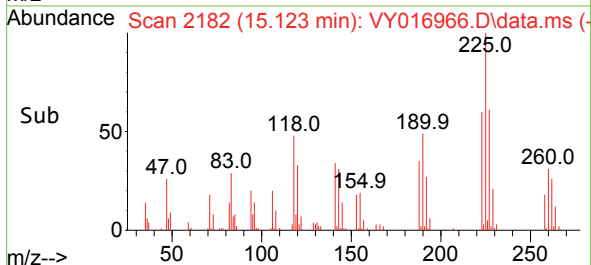
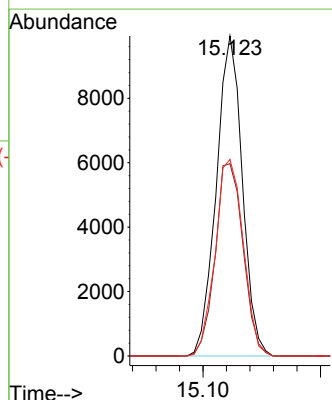
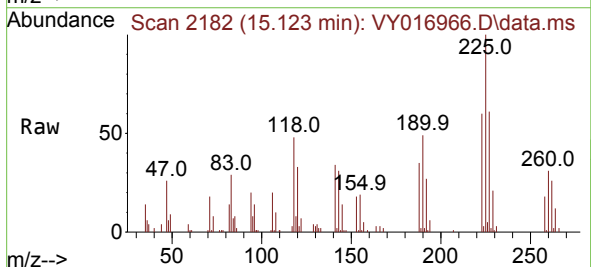
RT: 15.123 min Scan# 2182

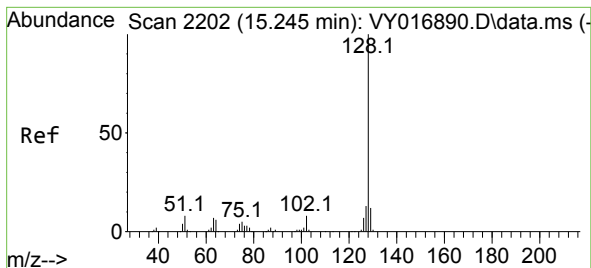
Delta R.T. 0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Tgt Ion:225	Resp:	15312
Ion Ratio	Lower	Upper
225	100	
223	64.3	31.4 94.3
227	65.9	32.3 96.8





#95

Naphthalene

Concen: 22.207 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016966.D

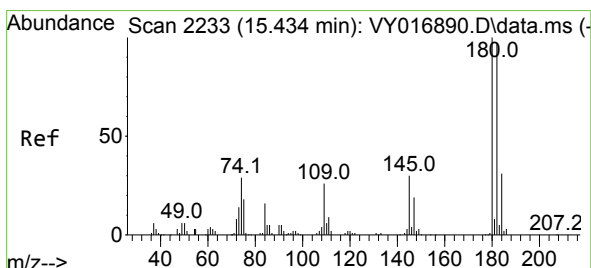
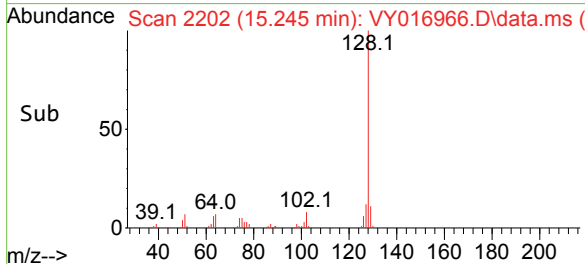
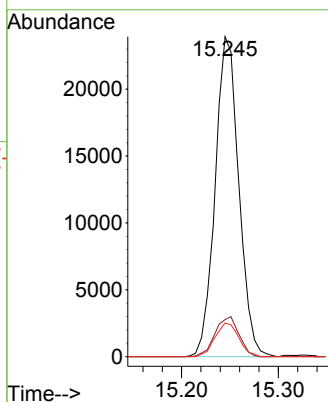
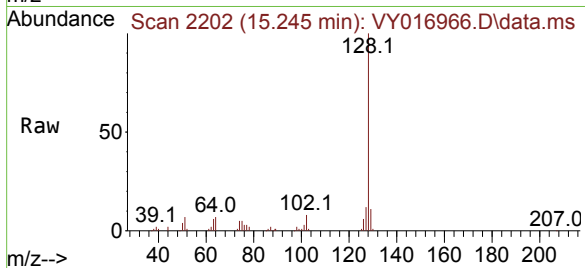
Acq: 10 Jan 2024 12:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	40550
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.2 15.4
129	10.6	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.755 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016966.D

Acq: 10 Jan 2024 12:07

Tgt Ion:180	Resp:	20013
Ion Ratio	Lower	Upper
180	100	
182	93.7	46.3 138.8
145	32.6	16.1 48.2

