

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018436.D
 Acq On : 03 Jun 2024 13:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY060324

Quant Time: Jun 04 05:40:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : Sw846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	56585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	86804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	78101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	53017	47.710	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	95.420%	
35) Dibromofluoromethane	7.710	113	55339	50.275	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	100.540%	
50) Toluene-d8	10.173	98	228905	52.273	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.540%	
62) 4-Bromofluorobenzene	12.477	95	71076	52.130	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	104.260%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	37247	41.447	ug/l	92
3) Chloromethane	2.107	50	75612	45.116	ug/l	99
4) Vinyl Chloride	2.241	62	93468	46.626	ug/l	100
5) Bromomethane	2.638	94	61833	46.233	ug/l	94
6) Chloroethane	2.778	64	60922	48.134	ug/l	95
7) Trichlorofluoromethane	3.107	101	97421	46.970	ug/l	98
8) Diethyl Ether	3.515	74	27734	44.440	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.875	101	55677	46.100	ug/l	93
10) Methyl Iodide	4.076	142	52064	43.888	ug/l	95
11) Tert butyl alcohol	4.936	59	27503	211.107	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	54659	46.045	ug/l	94
13) Acrolein	3.717	56	32864	288.927	ug/l	100
14) Allyl chloride	4.460	41	82490	47.448	ug/l	95
15) Acrylonitrile	5.143	53	64448	225.818	ug/l	98
16) Acetone	3.930	43	59591	241.611	ug/l	88
17) Carbon Disulfide	4.180	76	155734	44.722	ug/l	98
18) Methyl Acetate	4.466	43	25963	42.096	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	131888	46.100	ug/l	97
20) Methylene Chloride	4.698	84	62051	45.086	ug/l	90
21) trans-1,2-Dichloroethene	5.198	96	59436	46.918	ug/l	96
22) Diisopropyl ether	6.100	45	174421	49.264	ug/l	91
23) Vinyl Acetate	6.045	43	564497	244.987	ug/l	96
24) 1,1-Dichloroethane	6.003	63	103382	46.814	ug/l	99
25) 2-Butanone	6.972	43	88626	234.559	ug/l	92
26) 2,2-Dichloropropane	6.966	77	90372	46.561	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	68550	46.519	ug/l	91
28) Bromochloromethane	7.320	49	55517	54.630	ug/l	83
29) Tetrahydrofuran	7.338	42	56169	228.903	ug/l	88
30) Chloroform	7.490	83	105750	47.745	ug/l	98
31) Cyclohexane	7.777	56	97060	46.846	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	92989	47.934	ug/l	97
36) 1,1-Dichloropropene	7.905	75	81937	48.820	ug/l	98
37) Ethyl Acetate	7.057	43	35796	42.693	ug/l	97
38) Carbon Tetrachloride	7.887	117	78904	46.914	ug/l	99
39) Methylcyclohexane	9.173	83	111010	48.927	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.149	78	242773	48.276	ug/l	98
41) Methacrylonitrile	7.301	41	20450	50.143	ug/l	92
42) 1,2-Dichloroethane	8.228	62	59173	48.399	ug/l	99
43) Isopropyl Acetate	8.265	43	74027	47.218	ug/l	93
44) Trichloroethene	8.935	130	58271	46.759	ug/l	95
45) 1,2-Dichloropropane	9.210	63	56530	49.154	ug/l	97
46) Dibromomethane	9.301	93	31385	47.598	ug/l	93
47) Bromodichloromethane	9.490	83	76628	48.413	ug/l	99
48) Methyl methacrylate	9.289	41	33924	47.031	ug/l	86
49) 1,4-Dioxane	9.283	88	7569	874.129	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	193735	237.982	ug/l	94
52) Toluene	10.240	92	154008	49.793	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	73171	50.340	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	88714	49.570	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	42949	50.065	ug/l	96
56) Ethyl methacrylate	10.502	69	60201	49.869	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	73770	50.655	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	157455	242.890	ug/l	96
59) 2-Hexanone	10.825	43	138725	246.596	ug/l	91
60) Dibromochloromethane	10.977	129	51414	49.057	ug/l	98
61) 1,2-Dibromoethane	11.081	107	39104	48.407	ug/l	99
64) Tetrachloroethene	10.715	164	52481	45.619	ug/l	93
65) Chlorobenzene	11.514	112	160730	47.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	51534	47.585	ug/l	98
67) Ethyl Benzene	11.587	91	300620	49.312	ug/l	99
68) m/p-Xylenes	11.697	106	226948	98.866	ug/l	97
69) o-Xylene	12.026	106	105452	47.722	ug/l	95
70) Styrene	12.038	104	180921	50.111	ug/l	98
71) Bromoform	12.203	173	26965	47.263	ug/l #	98
73) Isopropylbenzene	12.325	105	285177	46.662	ug/l	100
74) N-amyl acetate	12.142	43	64387	43.282	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	47880	44.505	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	62081	84.535	ug/l #	100
77) Bromobenzene	12.605	156	58600	45.160	ug/l	93
78) n-propylbenzene	12.666	91	344013	46.900	ug/l	99
79) 2-Chlorotoluene	12.752	91	184327	46.224	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	220871	46.402	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	15477	44.277	ug/l	92
82) 4-Chlorotoluene	12.849	91	179128	44.640	ug/l	99
83) tert-Butylbenzene	13.075	119	204488	46.458	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	215186	46.177	ug/l	99
85) sec-Butylbenzene	13.251	105	300654	46.382	ug/l	99
86) p-Isopropyltoluene	13.367	119	249608	47.711	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	118207	46.181	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	117504	46.728	ug/l	99
89) n-Butylbenzene	13.697	91	230797	46.424	ug/l	99
90) Hexachloroethane	13.959	117	45555	46.456	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	101665	45.644	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6541	39.954	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	55903	46.407	ug/l	97
94) Hexachlorobutadiene	15.111	225	29243	45.708	ug/l	97
95) Naphthalene	15.233	128	111660	46.153	ug/l	100

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ClientSampleId :
ICVVY060324

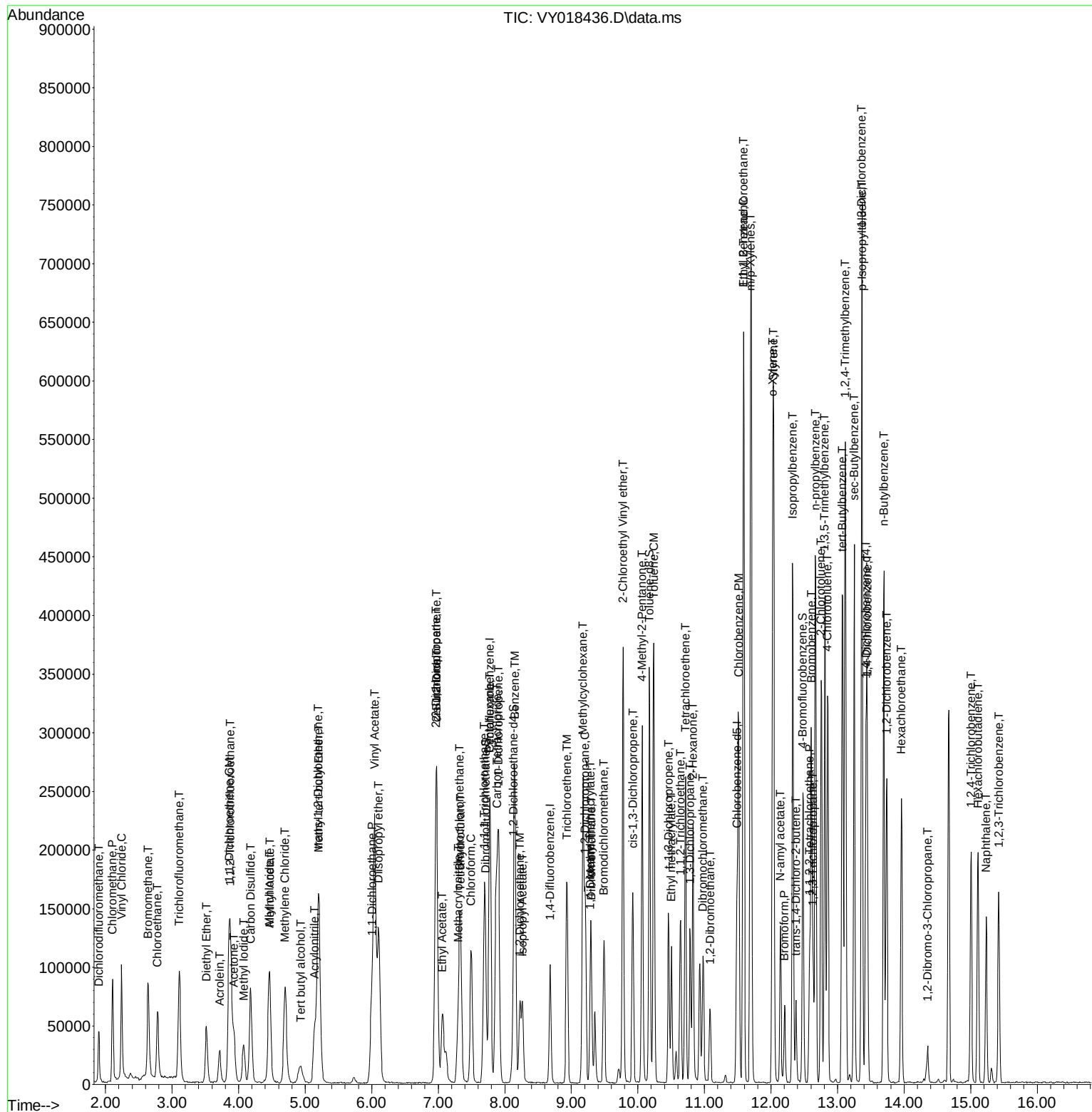
Quant Time: Jun 04 05:40:27 2024
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Response via : Initial Calibration

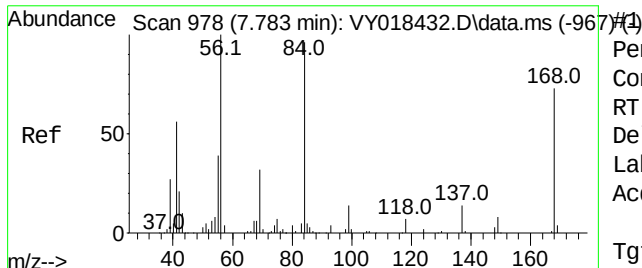
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.422	180	45668	44.807	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan# 1

Delta R.T. -0.006 min

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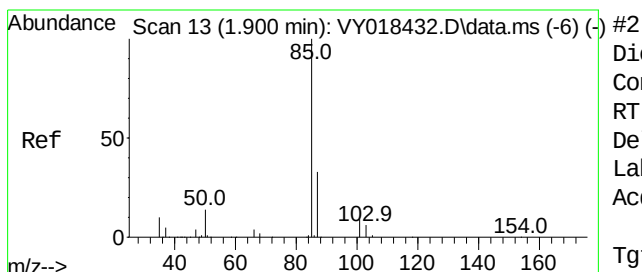
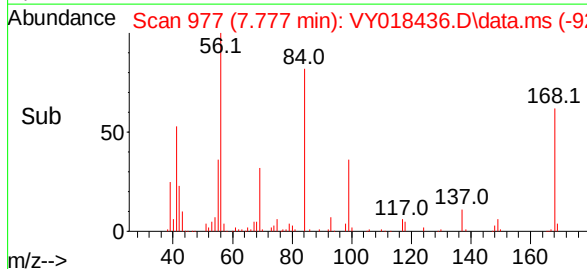
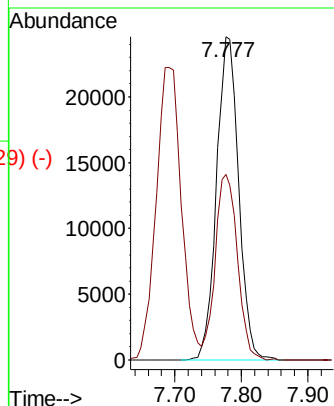
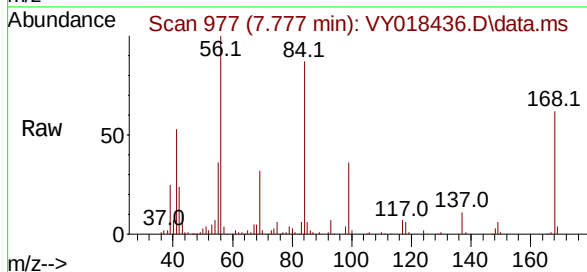
ICVY060324

Tgt Ion:168 Resp: 56585

Ion Ratio Lower Upper

168 100

99 57.4 39.1 58.7



Dichlorodifluoromethane

Concen: 41.447 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY018436.D

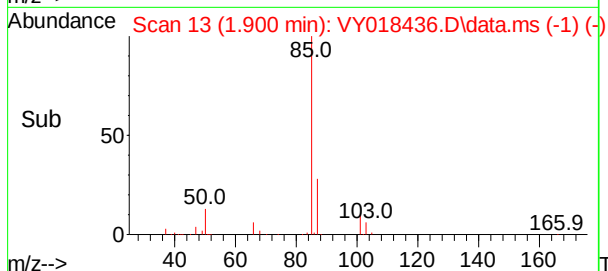
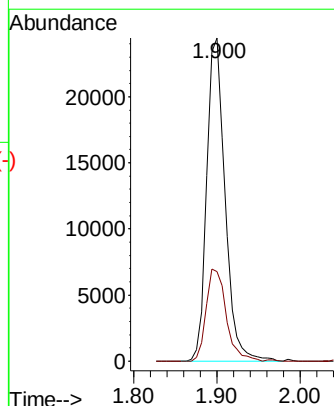
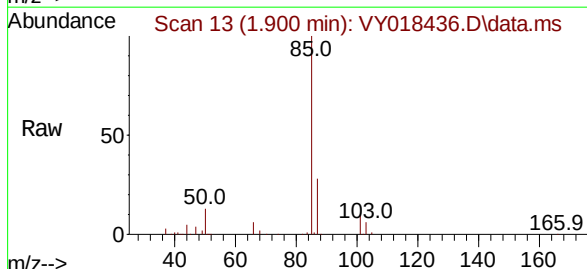
Acq: 03 Jun 2024 13:17

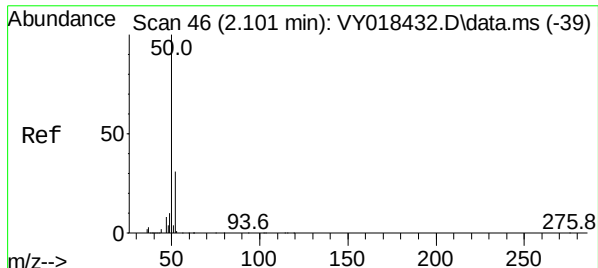
Tgt Ion: 85 Resp: 37247

Ion Ratio Lower Upper

85 100

87 27.6 16.0 48.0





Chloromethane

Concen: 45.116 ug/l

RT: 2.107 min Scan# 4

Delta R.T. 0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

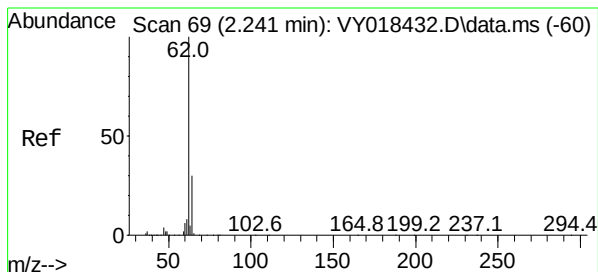
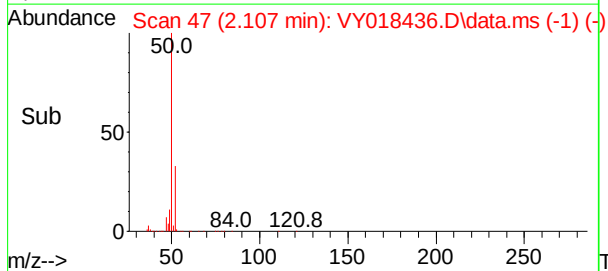
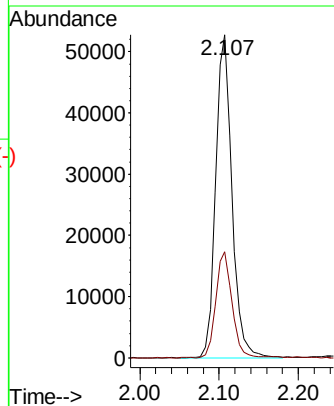
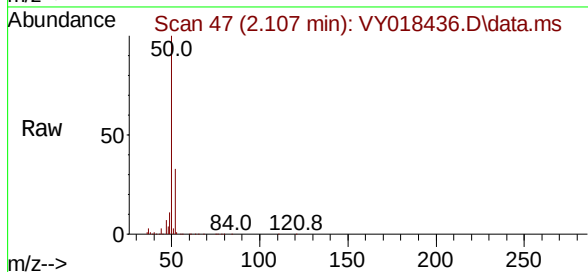
ICVY060324

Tgt Ion: 50 Resp: 75612

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



Vinyl Chloride

Concen: 46.626 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018436.D

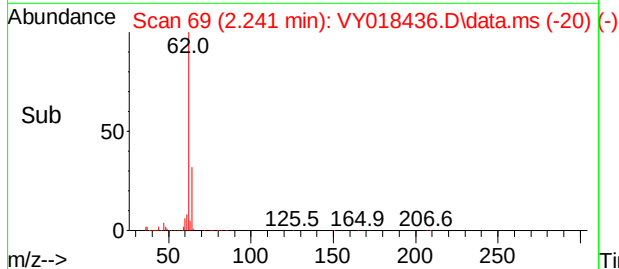
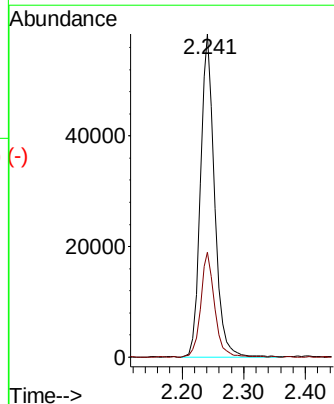
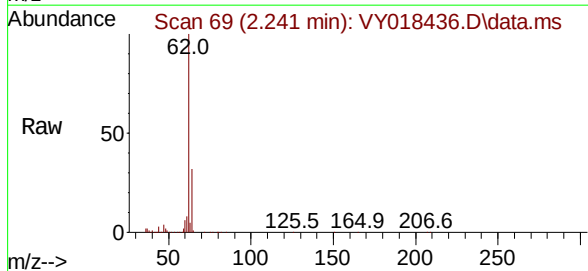
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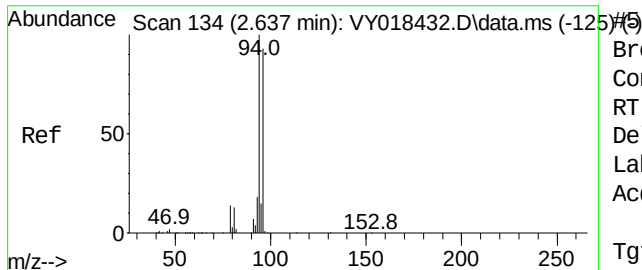
Tgt Ion: 62 Resp: 93468

Ion Ratio Lower Upper

62 100

64 32.5 26.1 39.1





Bromomethane

Concen: 46.233 ug/l

RT: 2.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

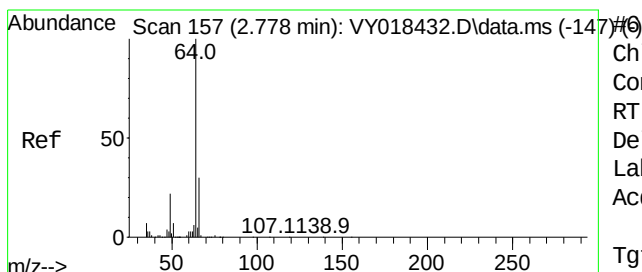
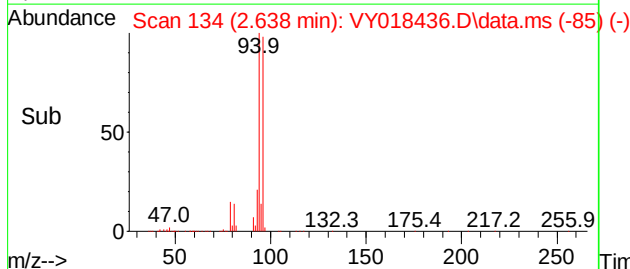
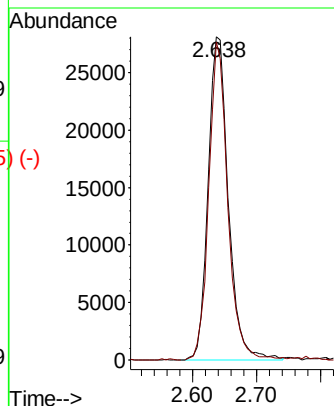
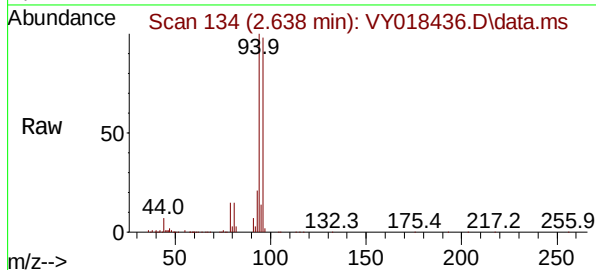
ICVVY060324

Tgt Ion: 94 Resp: 61833

Ion Ratio Lower Upper

94 100

96 98.5 74.1 111.1



Chloroethane

Concen: 48.134 ug/l

RT: 2.778 min Scan# 157

Delta R.T. 0.000 min

Lab File: VY018436.D

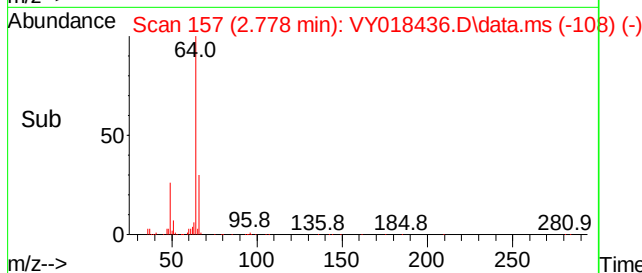
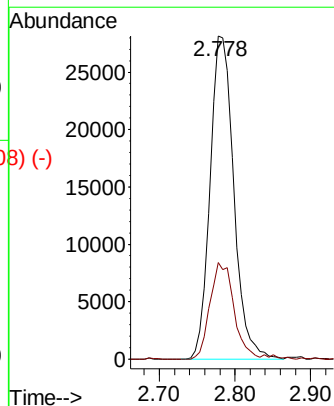
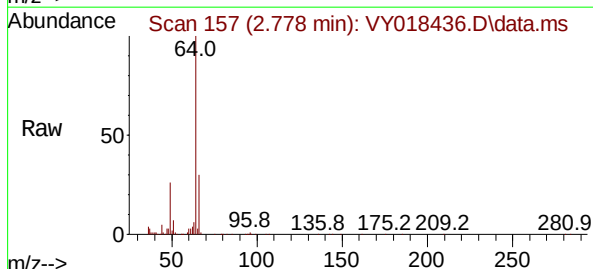
Acq: 03 Jun 2024 13:17

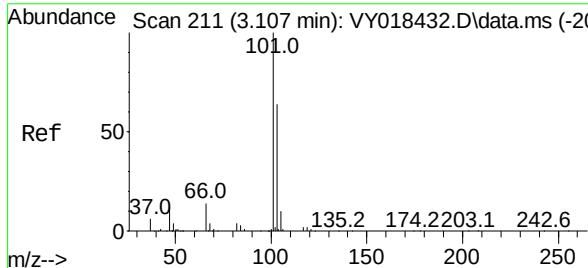
Tgt Ion: 64 Resp: 60922

Ion Ratio Lower Upper

64 100

66 29.9 26.1 39.1

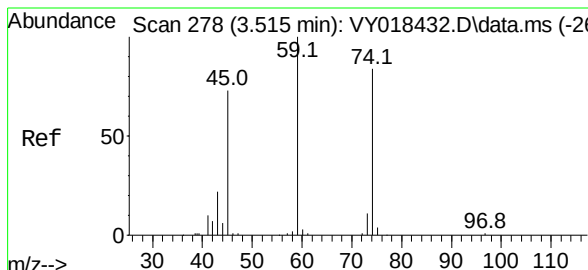
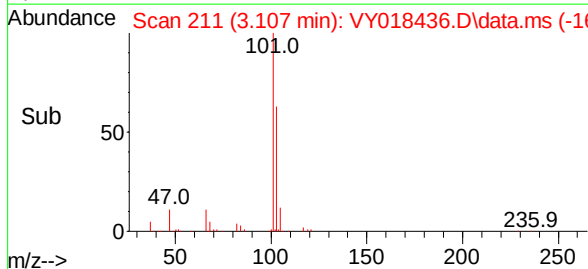
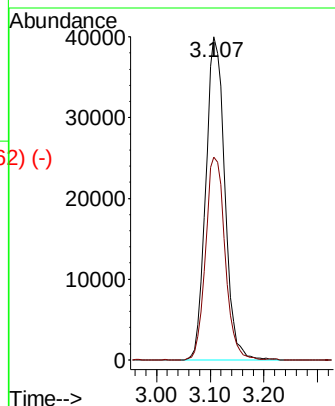
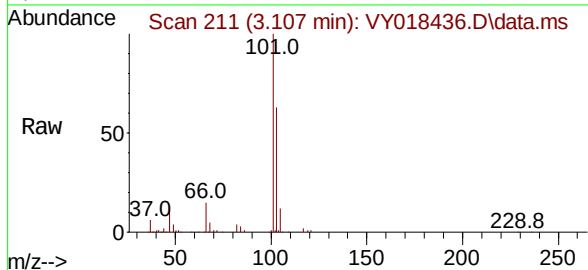




Trichlorofluoromethane
 Concen: 46.970 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY018436.D
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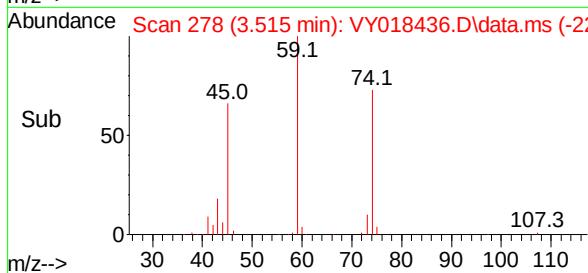
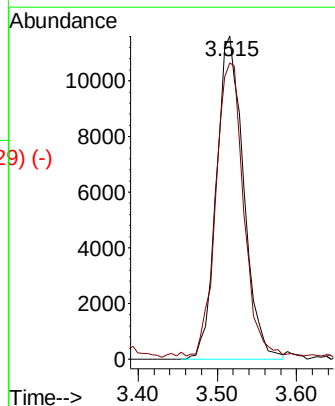
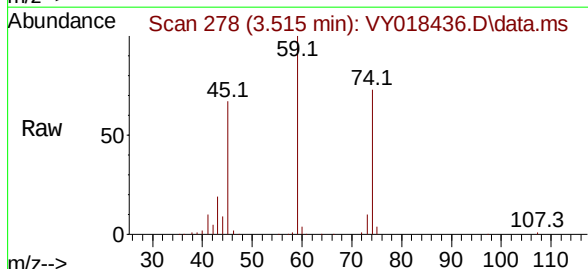
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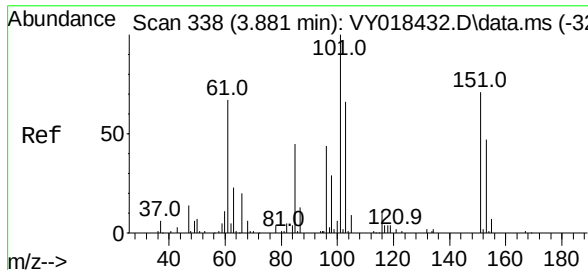
Tgt Ion: 101 Resp: 97421
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.3 73.9



Diethyl Ether
 Concen: 44.440 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

Tgt Ion: 74 Resp: 27734
 Ion Ratio Lower Upper
 74 100
 45 93.2 41.3 124.1





1,1,2-Trichlorotrifluoroethane

Concen: 46.100 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY018436.D

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Instrument :

MSVOA_Y

ClientSampleId :

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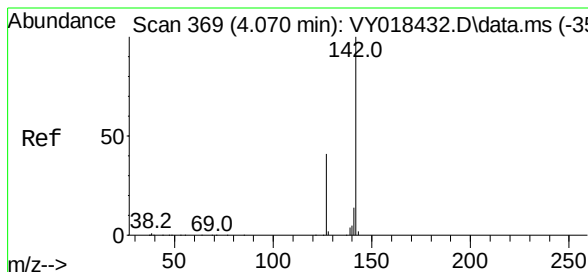
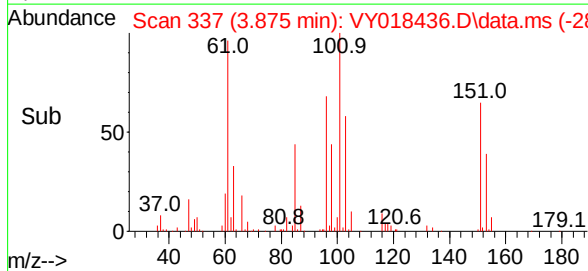
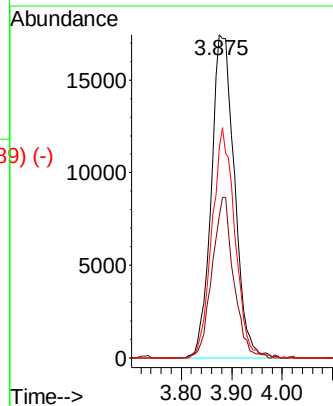
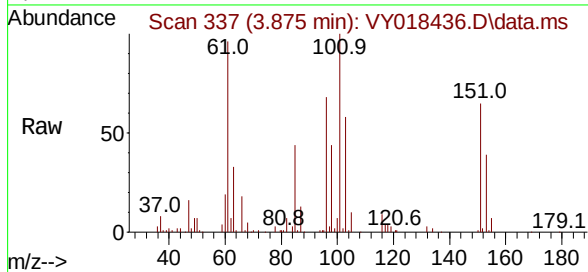
Tgt Ion:101 Resp: 55677

Ion Ratio Lower Upper

101 100

85 46.4 34.5 51.7

151 70.1 61.7 92.5



Methyl Iodide

Concen: 43.888 ug/l

RT: 4.076 min Scan# 370

Delta R.T. 0.006 min

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Acq: 03 Jun 2024 13:17

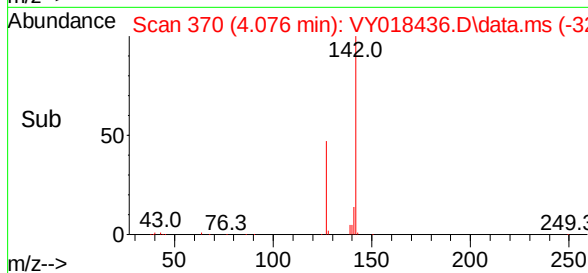
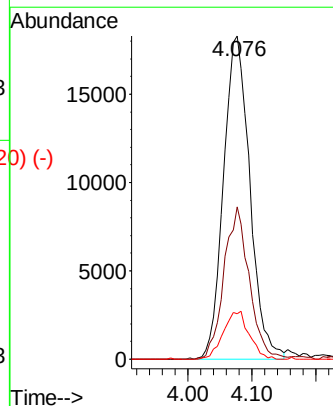
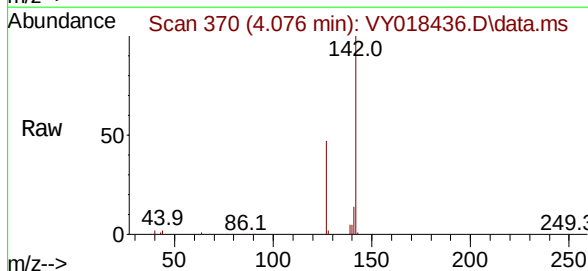
Tgt Ion:142 Resp: 52064

Ion Ratio Lower Upper

142 100

127 45.1 32.8 49.2

141 14.5 11.4 17.2



Abundance Scan 511 (4.936 min): VY018432.D\data.ms (-494) #1

Tert butyl alcohol

Concen: 211.107 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060324

Tgt Ion: 59 Resp: 27503

Ion Ratio Lower Upper

59 100

57 9.4 3.0 4.6#

m/z-->

Abundance Scan 511 (4.936 min): VY018436.D\data.ms

59.1

41.1 89.0 116.6 134.5 159.3

m/z-->

Abundance Scan 511 (4.936 min): VY018436.D\data.ms (-462) (-)

59.1

41.1 89.0 116.6 134.5 159.3

m/z-->

Abundance

4.936

6000

4000

2000

0

Time-->

Abundance Scan 335 (3.863 min): VY018432.D\data.ms (-323) #1

1,1-Dichloroethene

Concen: 46.045 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Tgt Ion: 96 Resp: 54659

Ion Ratio Lower Upper

96 100

61 151.3 114.6 171.8

98 60.9 50.8 76.2

m/z-->

Abundance Scan 334 (3.857 min): VY018436.D\data.ms

61.0

37.0 77.7 96.0 116.0 133.9 151.0

m/z-->

Abundance Scan 334 (3.857 min): VY018436.D\data.ms (-286) (-)

61.0

37.0 77.7 96.0 116.0 133.9 151.0

m/z-->

Abundance

3.857

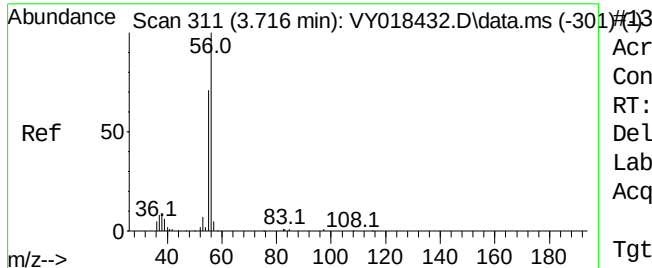
30000

20000

10000

0

Time-->



Acrolein

Concen: 288.927 ug/l

RT: 3.717 min Scan# 433

Delta R.T. 0.001 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

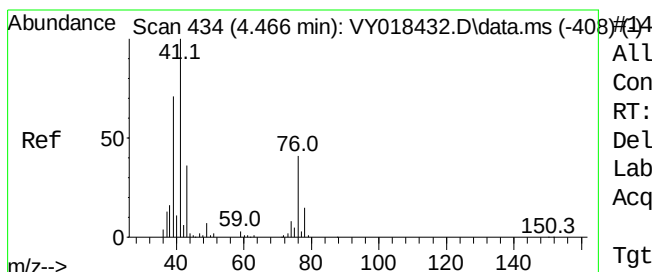
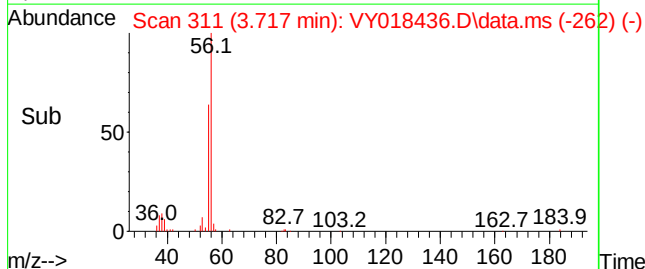
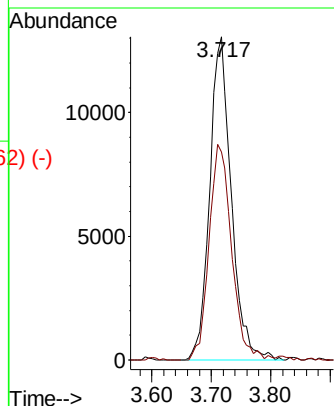
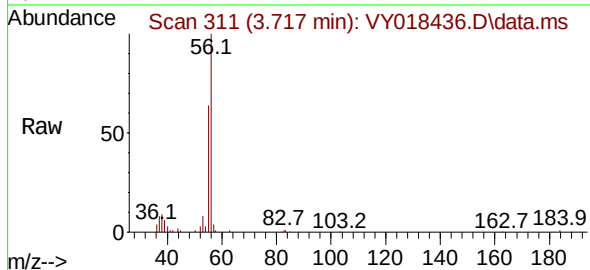
ICVVY060324

Tgt Ion: 56 Resp: 32864

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



Allyl chloride

Concen: 47.448 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

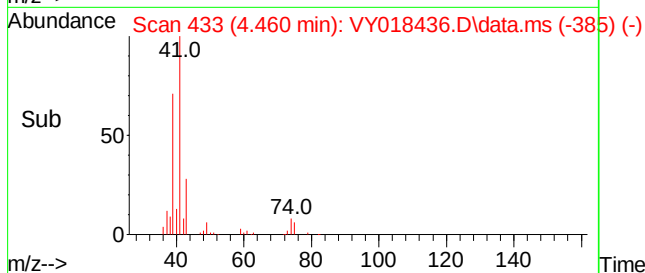
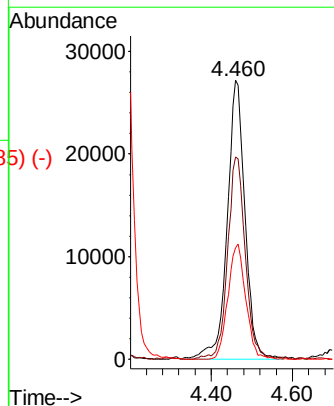
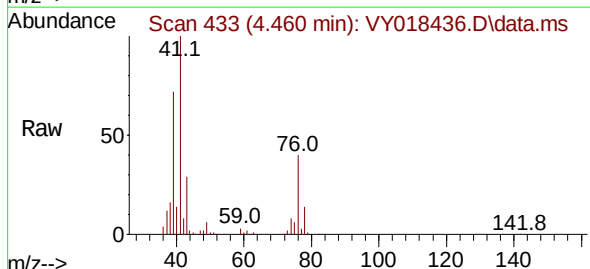
Tgt Ion: 41 Resp: 82490

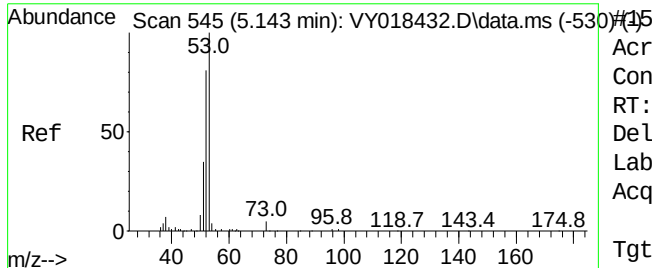
Ion Ratio Lower Upper

41 100

39 71.9 58.3 87.5

76 41.3 39.0 58.6





Acrylonitrile

Concen: 225.818 ug/l

RT: 5.143 min Scan# 415

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060324

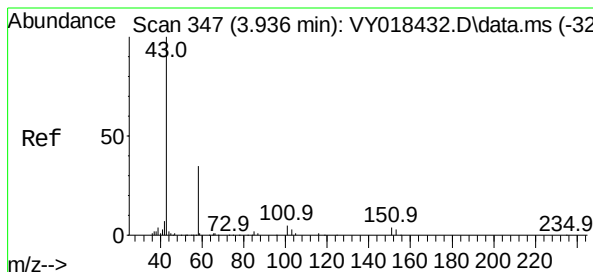
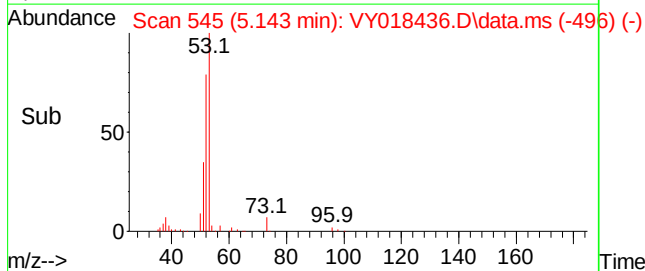
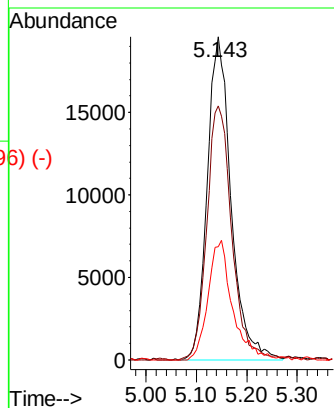
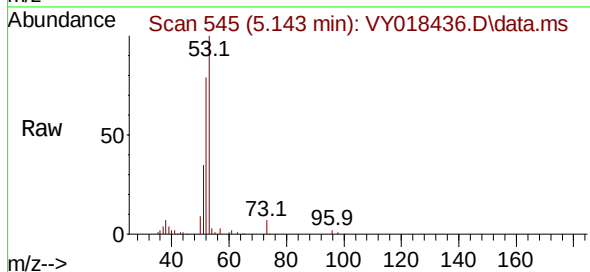
Tgt Ion: 53 Resp: 64448

Ion Ratio Lower Upper

53 100

52 81.8 64.7 97.1

51 37.7 28.4 42.6



Acetone

Concen: 241.611 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018436.D

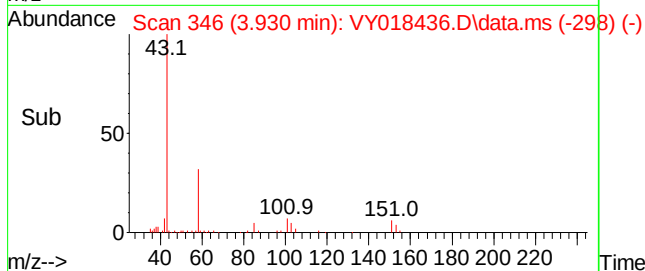
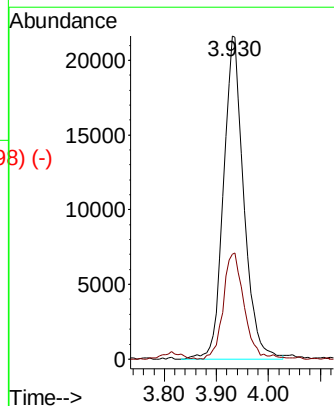
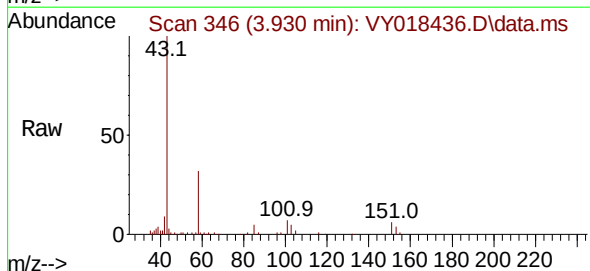
Acq: 03 Jun 2024 13:17

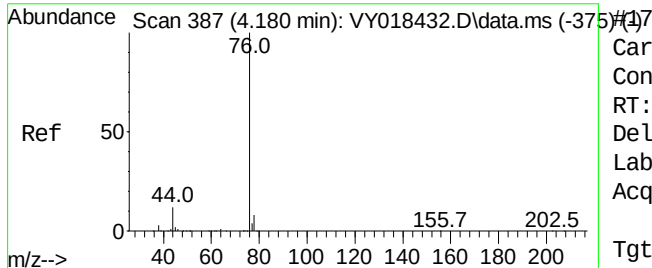
Tgt Ion: 43 Resp: 59591

Ion Ratio Lower Upper

43 100

58 31.9 31.7 47.5





Carbon Disulfide

Concen: 44.722 ug/l

RT: 4.180 min Scan# 417

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

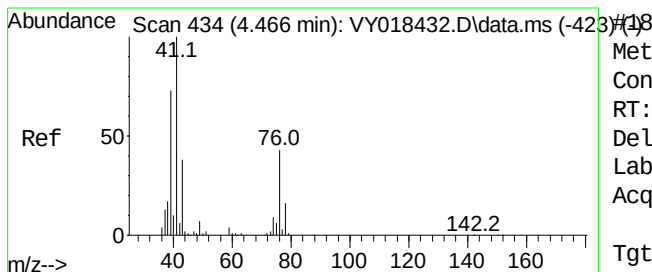
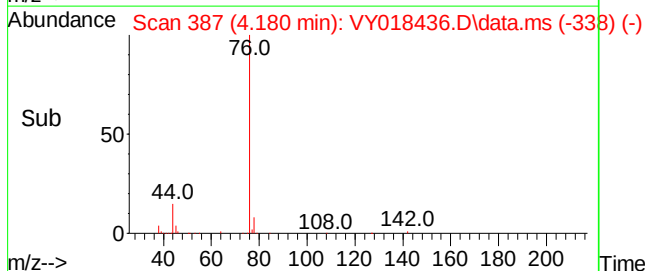
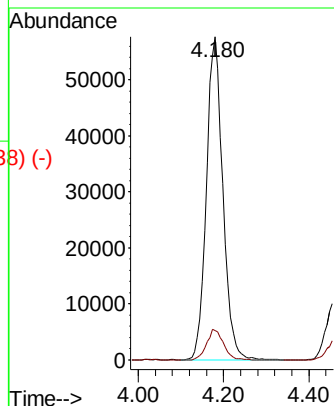
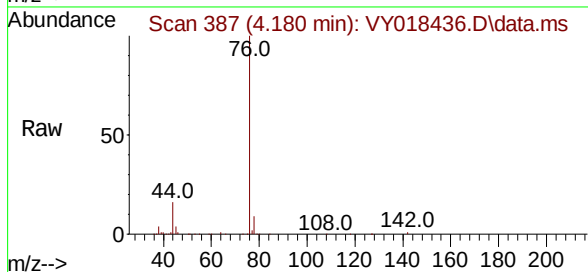
ICVY060324

Tgt Ion: 76 Resp: 155734

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2



Methyl Acetate

Concen: 42.096 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018436.D

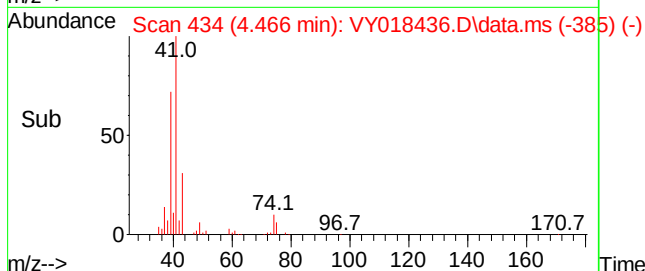
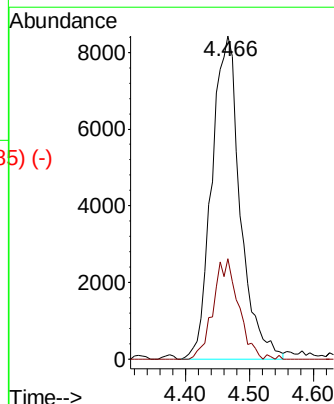
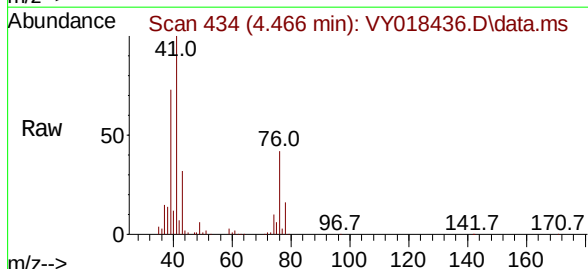
Acq: 03 Jun 2024 13:17

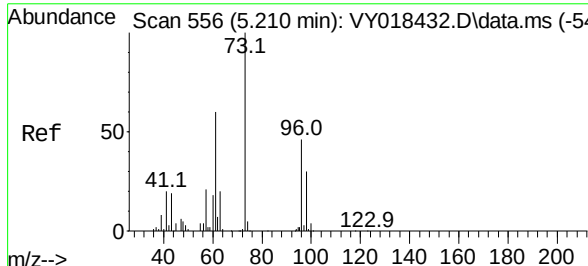
Tgt Ion: 43 Resp: 25963

Ion Ratio Lower Upper

43 100

74 27.3 23.3 34.9

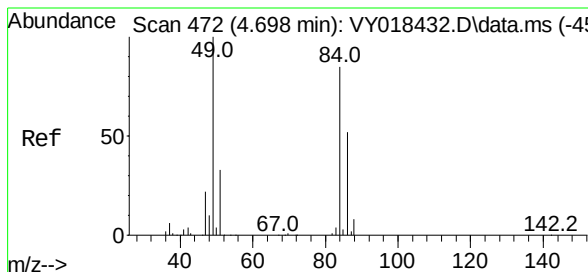
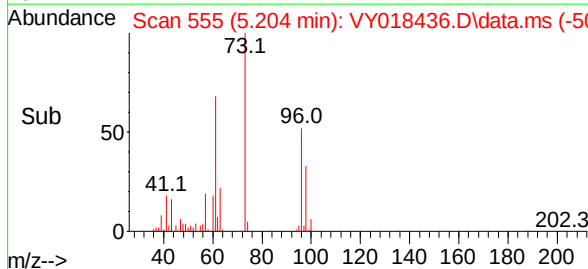
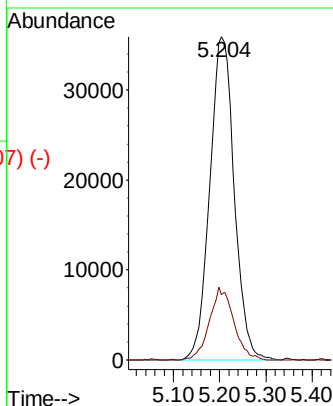
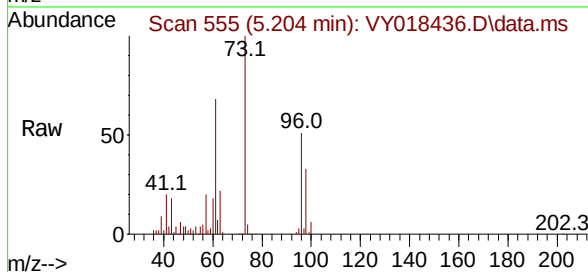




#19
Methyl tert-butyl Ether
Concen: 46.100 ug/l
RT: 5.204 min Scan# 419
Delta R.T. -0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

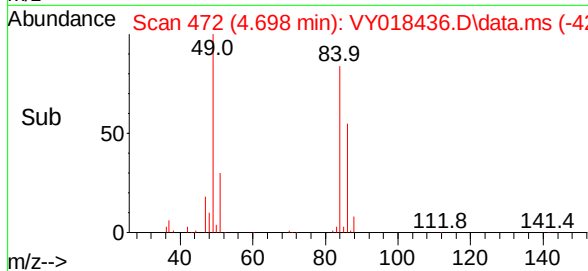
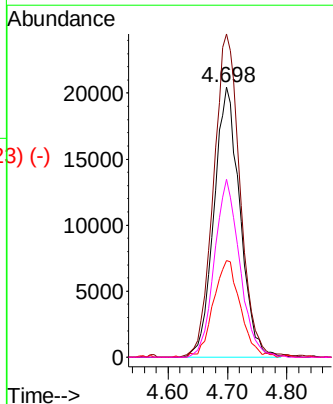
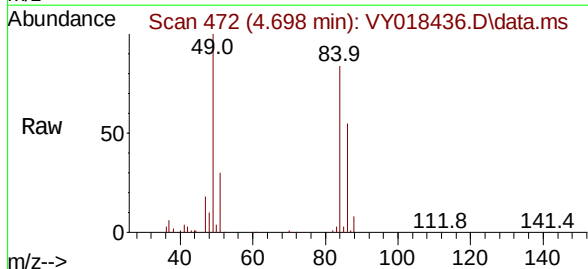
Instrument : MSVOA_Y
ClientSampleId : ICVVY060324

Tgt Ion: 73 Resp: 131888
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 45.086 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion: 84 Resp: 62051
Ion Ratio Lower Upper
84 100
49 119.5 84.4 126.6
51 35.8 26.0 39.0
86 65.7 49.5 74.3



Abundance Scan 554 (5.198 min): VY018432.D\data.ms (-542) #21

trans-1,2-Dichloroethene

Concen: 46.918 ug/l

RT: 5.198 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060324

Tgt Ion: 96 Resp: 59436

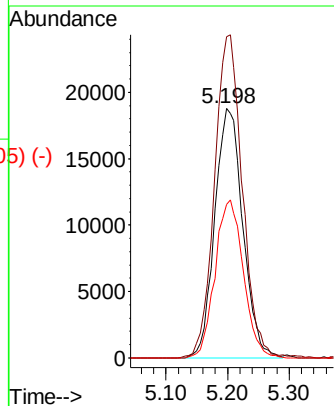
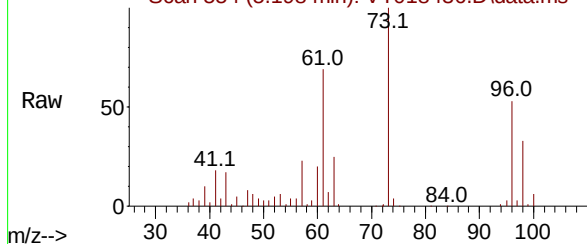
Ion Ratio Lower Upper

96 100

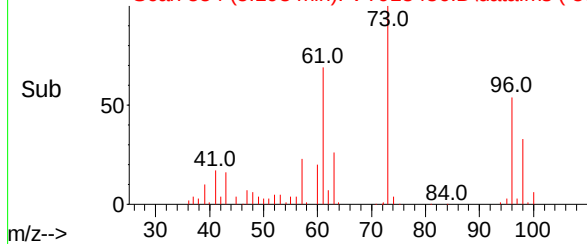
61 128.3 97.5 146.3

98 61.5 50.5 75.7

Abundance Scan 554 (5.198 min): VY018436.D\data.ms



Abundance Scan 554 (5.198 min): VY018436.D\data.ms (-505) (-)



Abundance Scan 703 (6.106 min): VY018432.D\data.ms (-683) #22

Diisopropyl ether

Concen: 49.264 ug/l

RT: 6.100 min Scan# 702

Delta R.T. -0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Tgt Ion: 45 Resp: 174421

Ion Ratio Lower Upper

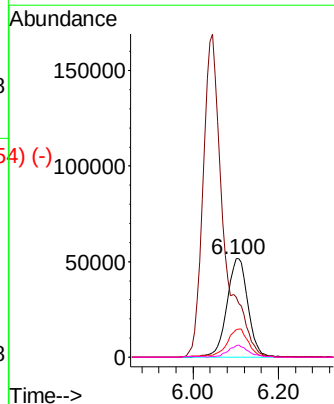
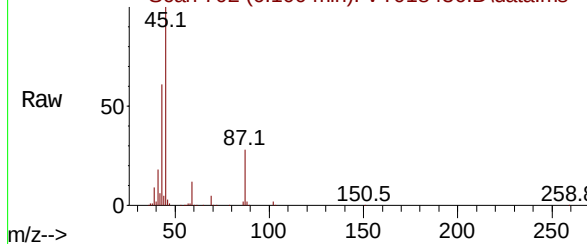
45 100

43 61.0 42.2 63.2

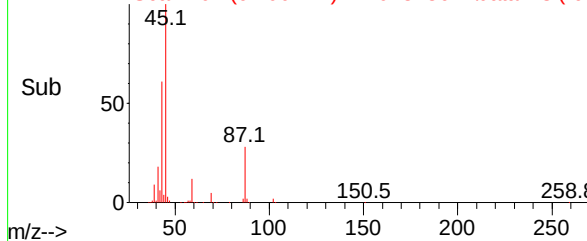
87 27.6 25.0 37.6

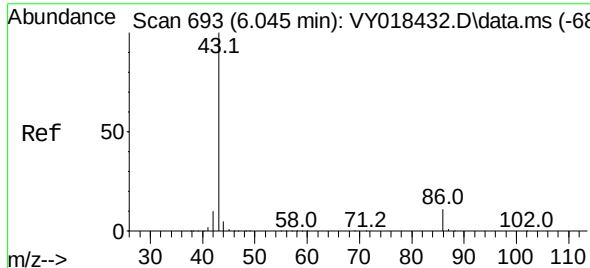
59 11.6 10.5 15.7

Abundance Scan 702 (6.100 min): VY018436.D\data.ms



Abundance Scan 702 (6.100 min): VY018436.D\data.ms (-654) (-)





Vinyl Acetate

Concen: 244.987 ug/l

RT: 6.045 min Scan# 693

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

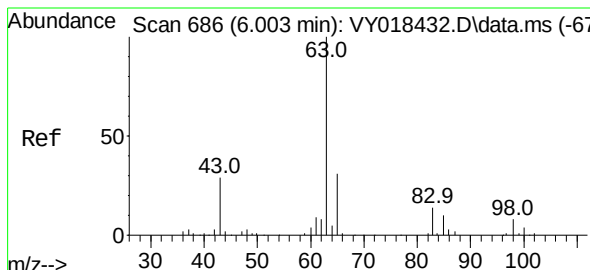
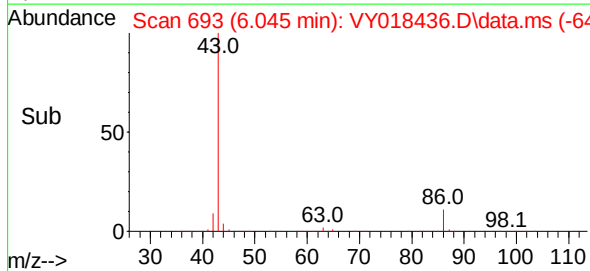
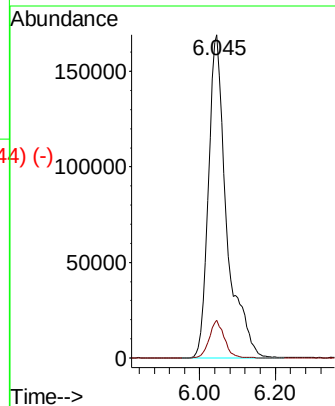
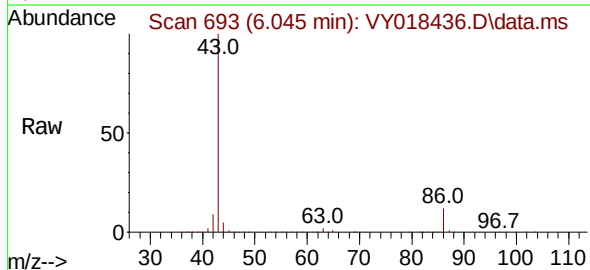
ICVVY060324

Tgt Ion: 43 Resp: 564497

Ion Ratio Lower Upper

43 100

86 11.6 10.6 16.0



1,1-Dichloroethane

Concen: 46.814 ug/l

RT: 6.003 min Scan# 686

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

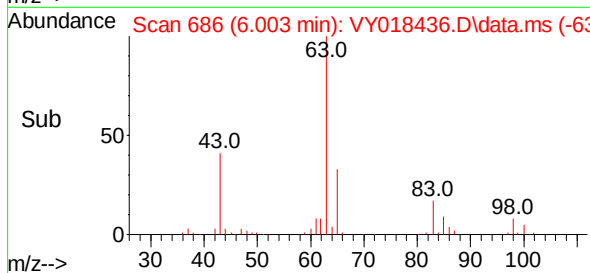
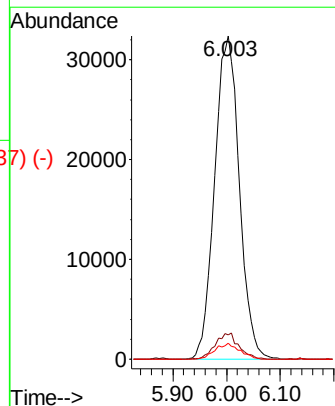
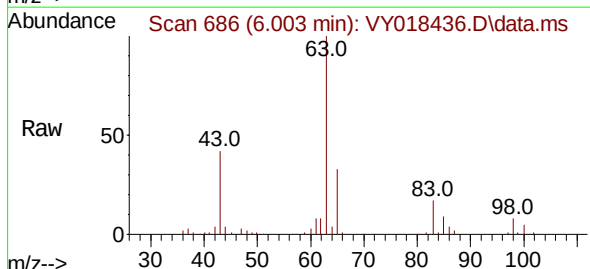
Tgt Ion: 63 Resp: 103382

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 5.0 2.6 8.0



Abundance Scan 846 (6.978 min): VY018432.D\data.ms (-833) #25

2-Butanone

Concen: 234.559 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060324

Tgt Ion: 43 Resp: 88626

Ion Ratio Lower Upper

43 100

72 29.4 27.3 40.9

Abundance Scan 845 (6.972 min): VY018436.D\data.ms

43.0 61.0

96.0

120.3

m/z-->

Ref

50

0

40 60 80 100 120 140 160

m/z-->

Abundance Scan 845 (6.972 min): VY018436.D\data.ms (-797) (-)

43.0 61.0

96.0

120.3

m/z-->

Sub

50

0

40 60 80 100 120 140 160

m/z-->

Abundance

30000

20000

10000

0

6.90 6.972 7.00

Time-->

Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-832) #26

2,2-Dichloropropane

Concen: 46.561 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Tgt Ion: 77 Resp: 90372

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1

Abundance Scan 844 (6.966 min): VY018436.D\data.ms

61.0

96.0

41.1

m/z-->

Ref

50

0

40 60 80 100 120 140 160

m/z-->

Abundance Scan 844 (6.966 min): VY018436.D\data.ms (-796) (-)

61.0

96.0

41.1

m/z-->

Sub

50

0

40 60 80 100 120 140 160

m/z-->

Abundance

30000

20000

10000

0

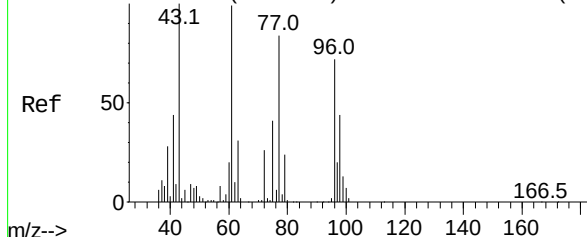
6.80 6.966 7.10

Time-->

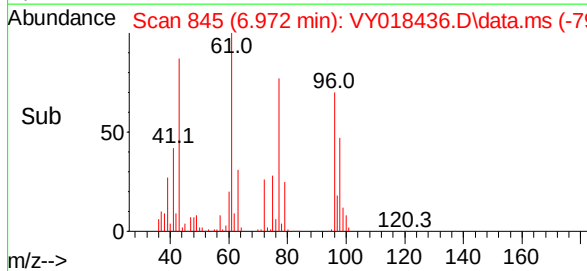
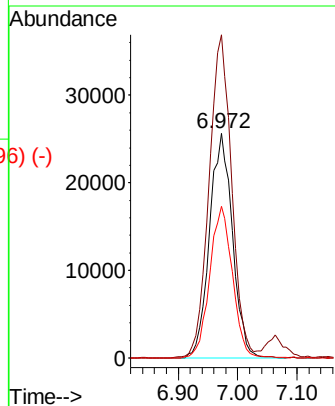
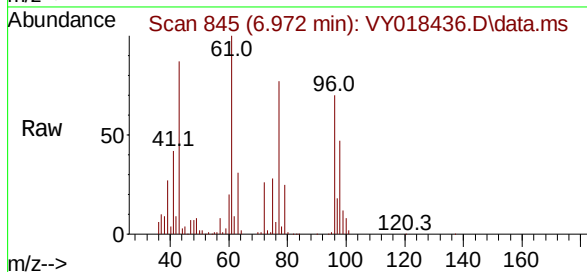
Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-833) #27

cis-1,2-Dichloroethene
Concen: 46.519 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060324



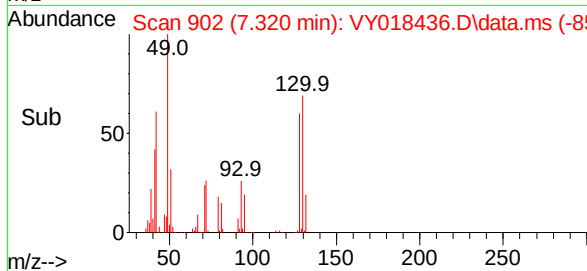
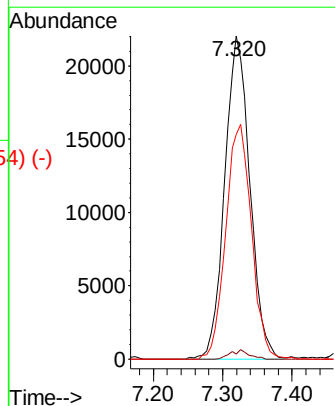
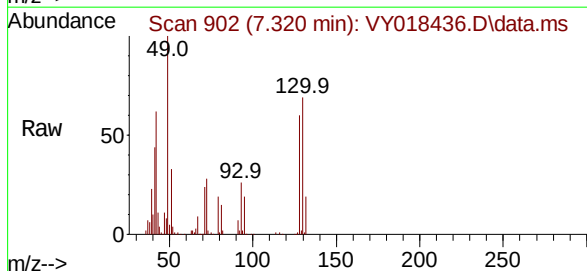
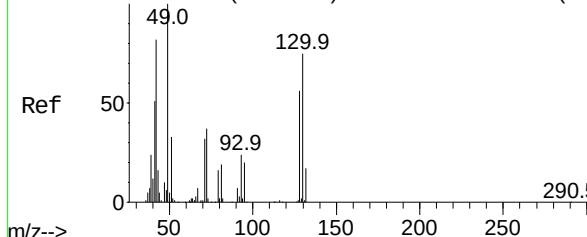
Tgt Ion:	96	Resp:	68550
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	256.2
98	66.9	0.0	130.0



Abundance Scan 903 (7.326 min): VY018432.D\data.ms (-891) #28

Bromochloromethane
Concen: 54.630 ug/l
RT: 7.320 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:	49	Resp:	55517
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	74.2	72.7	109.1



Abundance Scan 905 (7.338 min): VY018432.D\data.ms (-890) #29

Tetrahydrofuran

Concen: 228.903 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060324

Tgt Ion: 42 Resp: 56169

Ion Ratio Lower Upper

42 100

72 45.1 43.0 64.4

71 42.6 40.8 61.2

Abundance Scan 905 (7.338 min): VY018436.D\data.ms

Ref 50 42.0 72.1 129.9 206.8

m/z-->

Abundance Scan 905 (7.338 min): VY018436.D\data.ms

Raw 50 42.1 72.1 129.9 202.1 232.3

m/z-->

Abundance Scan 905 (7.338 min): VY018436.D\data.ms (-856) (-)

Sub 50 42.0 72.1 129.9 202.1 232.3

m/z-->

Abundance

7.338

20000

15000

10000

5000

0

Time-->

7.20 7.30 7.40 7.50

Abundance Scan 931 (7.496 min): VY018432.D\data.ms (-919) #30

Chloroform

Concen: 47.745 ug/l

RT: 7.490 min Scan# 930

Delta R.T. -0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Tgt Ion: 83 Resp: 105750

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.4

Abundance Scan 930 (7.490 min): VY018436.D\data.ms

Ref 50 47.0 83.0 119.9 152.1 262.8

m/z-->

Abundance Scan 930 (7.490 min): VY018436.D\data.ms

Raw 50 47.0 83.0 117.9 183.9

m/z-->

Abundance Scan 930 (7.490 min): VY018436.D\data.ms (-882) (-)

Sub 50 47.0 83.0 117.9 183.9

m/z-->

Abundance

7.490

40000

30000

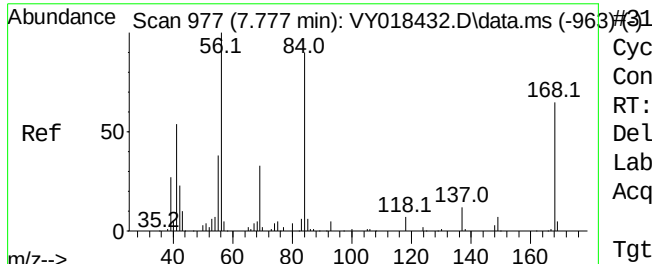
20000

10000

0

Time-->

7.40 7.50 7.60



Cyclohexane

Concen: 46.846 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060324

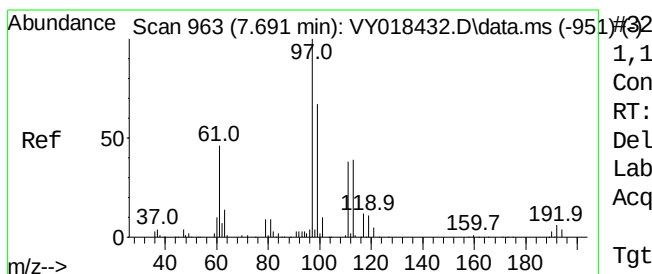
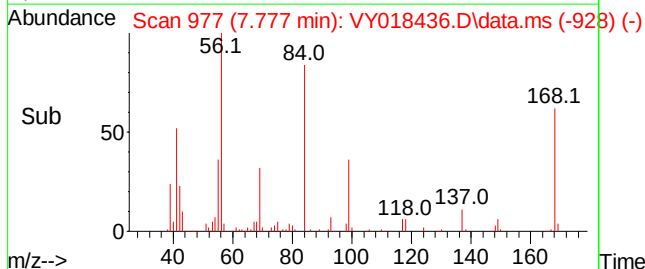
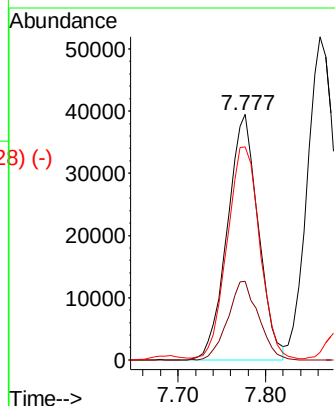
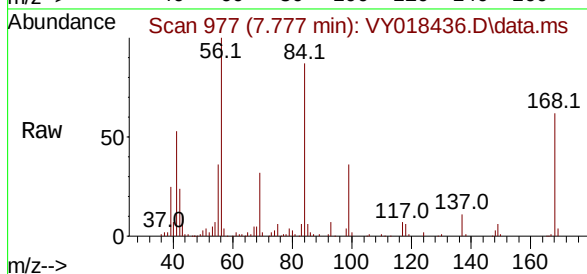
Tgt Ion: 56 Resp: 97060

Ion Ratio Lower Upper

56 100

69 32.0 28.7 43.1

84 85.5 77.7 116.5



1,1,1-Trichloroethane

Concen: 47.934 ug/l

RT: 7.691 min Scan# 963

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

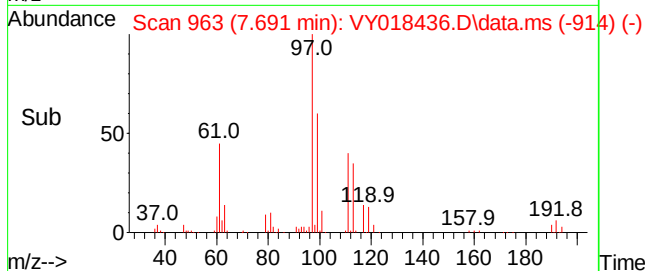
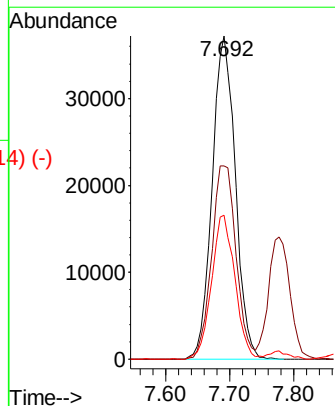
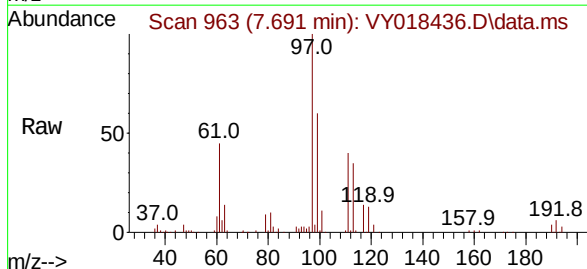
Tgt Ion: 97 Resp: 92989

Ion Ratio Lower Upper

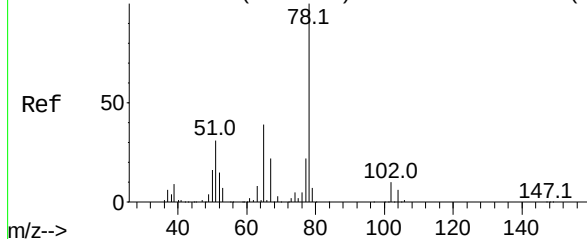
97 100

99 63.3 50.3 75.5

61 45.1 32.6 48.8



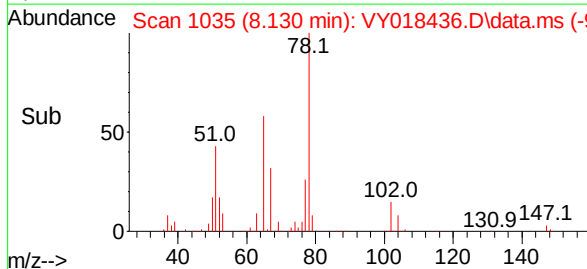
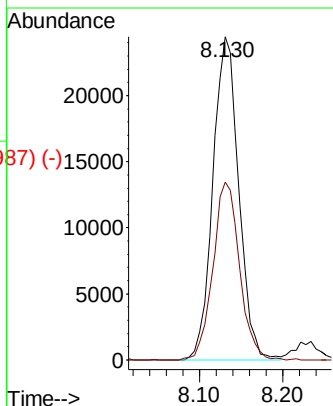
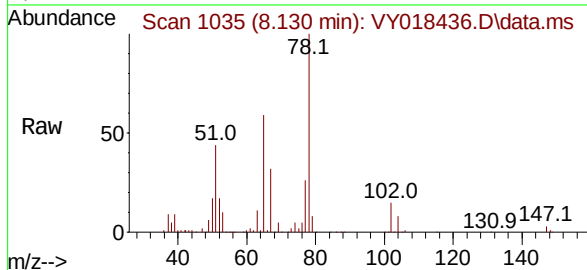
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



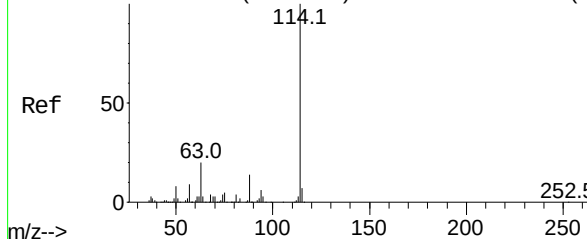
1,2-Dichloroethane-d4
Concen: 47.710 ug/l
RT: 8.130 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :
ICVY060324

Tgt Ion: 65 Resp: 53017
Ion Ratio Lower Upper
65 100
67 56.6 0.0 109.6

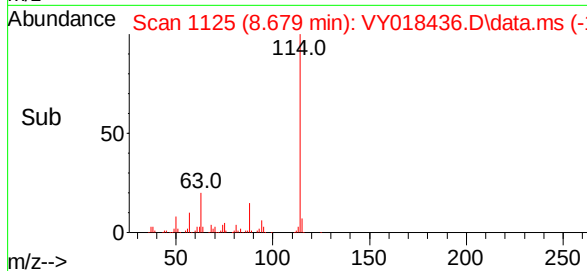
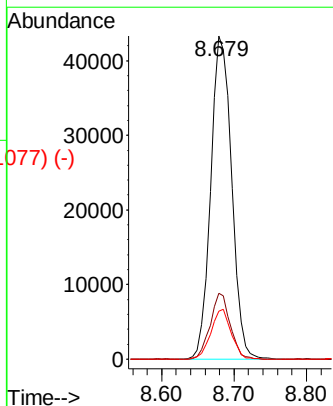
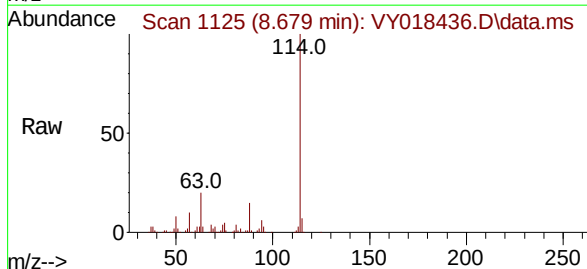


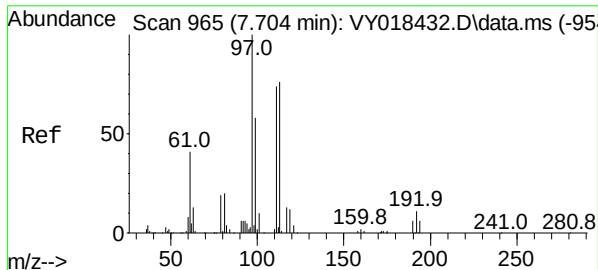
Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-11154)



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:114 Resp: 86804
Ion Ratio Lower Upper
114 100
63 20.3 0.0 35.0
88 14.9 0.0 27.2





Dibromofluoromethane

Concen: 50.275 ug/l

RT: 7.710 min Scan# 996

Delta R.T. 0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060324

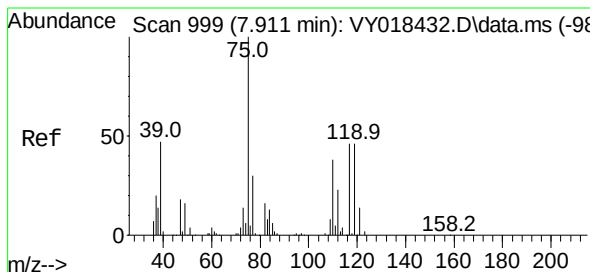
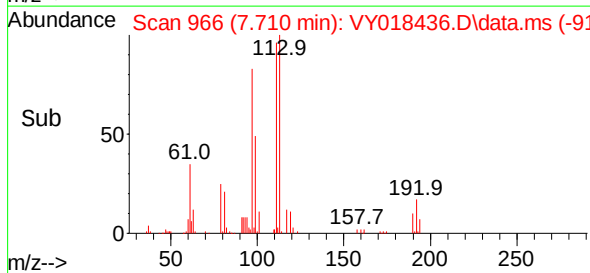
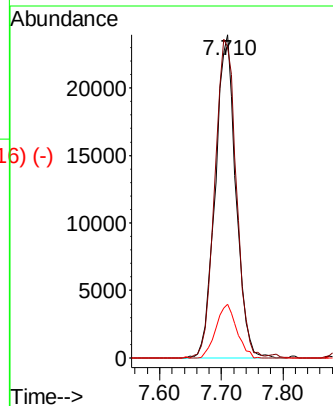
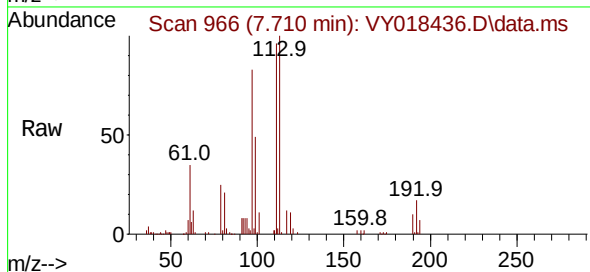
Tgt Ion:113 Resp: 55339

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 16.8 15.9 23.9



1,1-Dichloropropene

Concen: 48.820 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

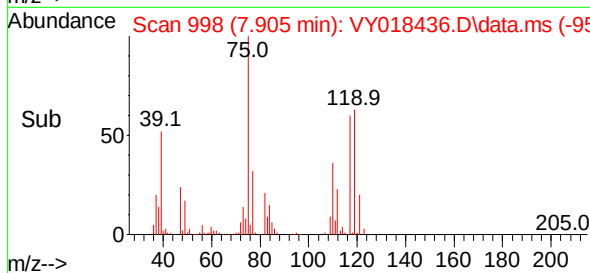
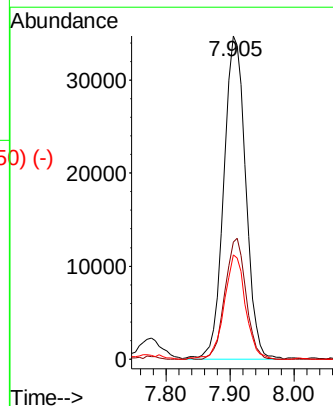
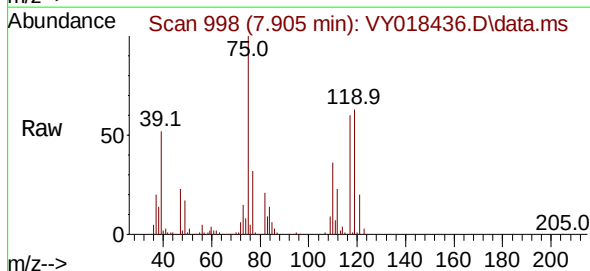
Tgt Ion: 75 Resp: 81937

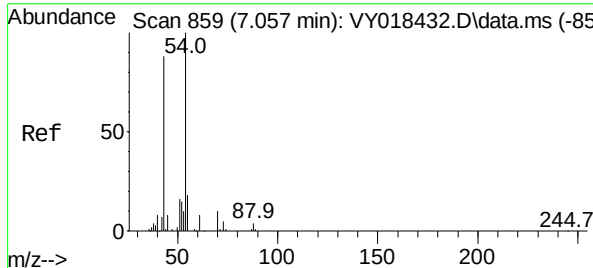
Ion Ratio Lower Upper

75 100

110 35.7 19.0 57.0

77 31.2 25.3 37.9





Ethyl Acetate

Concen: 42.693 ug/l

RT: 7.057 min Scan# 859

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060324

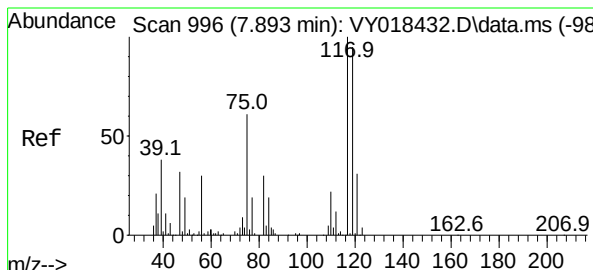
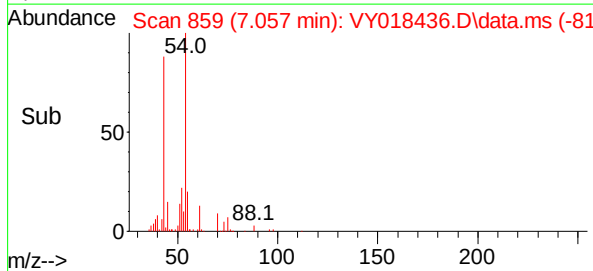
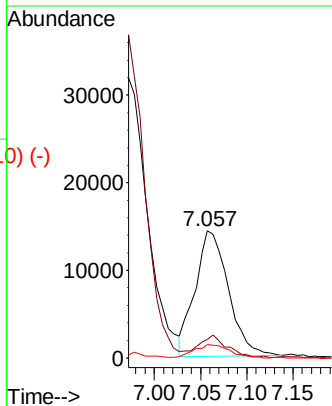
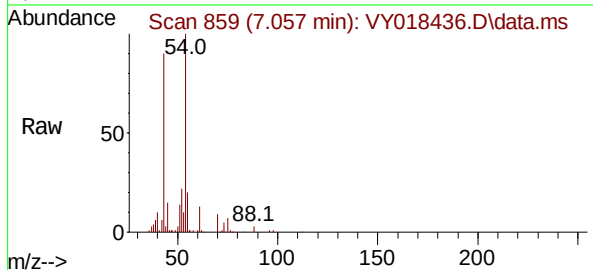
Tgt Ion: 43 Resp: 35796

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 11.4 7.8 11.8



Carbon Tetrachloride

Concen: 46.914 ug/l

RT: 7.887 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

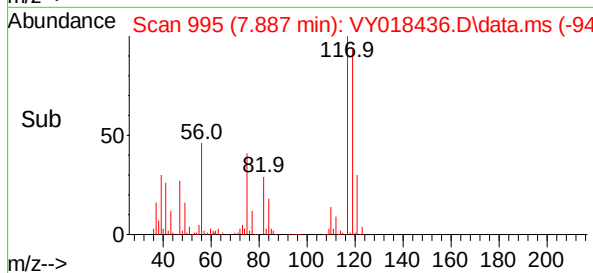
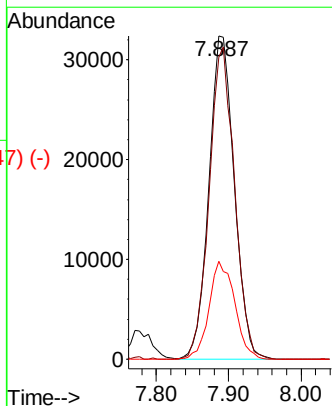
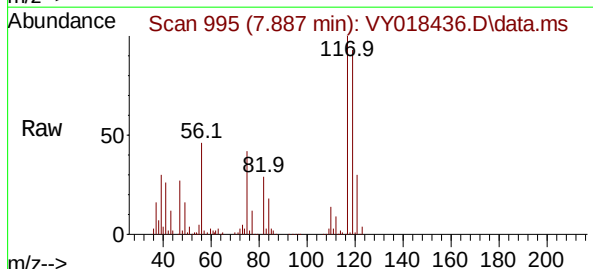
Tgt Ion: 117 Resp: 78904

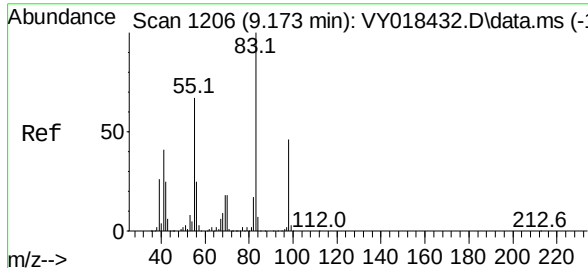
Ion Ratio Lower Upper

117 100

119 93.5 75.8 113.6

121 30.2 24.0 36.0





Methylcyclohexane

Concen: 48.927 ug/l

RT: 9.173 min Scan# 11939

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060324

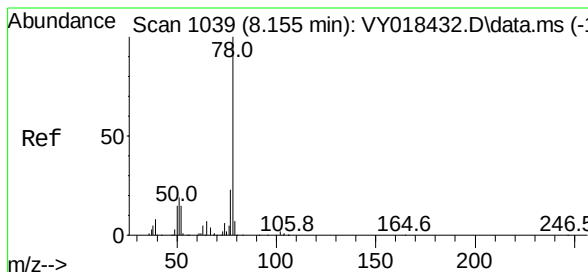
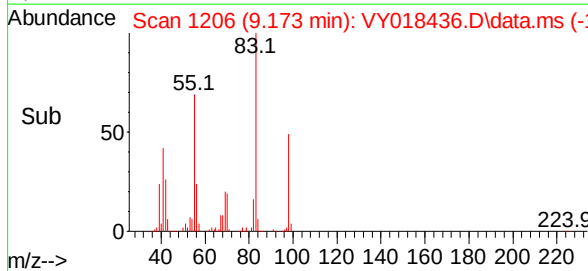
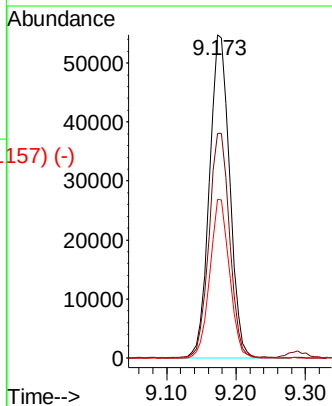
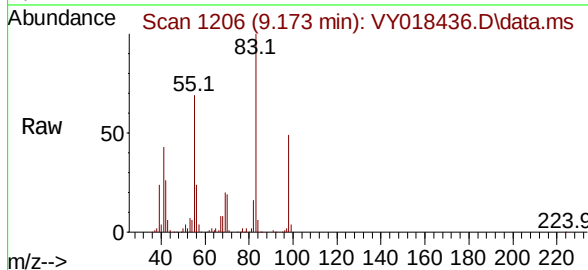
Tgt Ion: 83 Resp: 111010

Ion Ratio Lower Upper

83 100

55 69.2 51.5 77.3

98 49.2 40.5 60.7



Benzene

Concen: 48.276 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018436.D

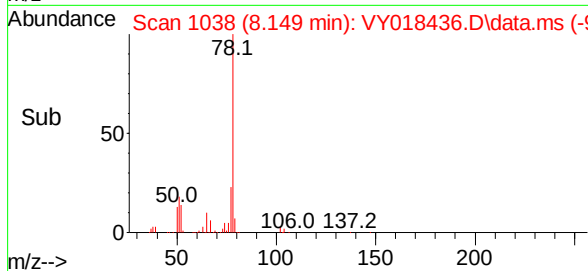
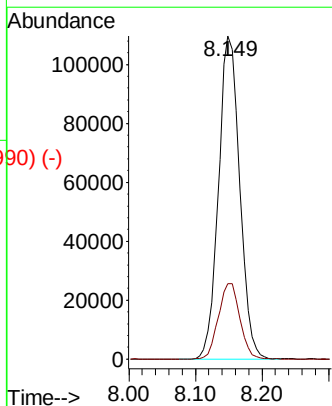
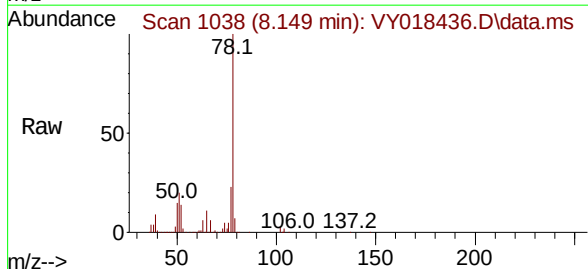
Acq: 03 Jun 2024 13:17

Tgt Ion: 78 Resp: 242773

Ion Ratio Lower Upper

78 100

77 23.4 19.5 29.3



Abundance Scan 898 (7.295 min): VY018432.D\data.ms (-883) #41

Methacrylonitrile

Concen: 50.143 ug/l

RT: 7.301 min Scan# 898

Delta R.T. 0.006 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060324

Tgt Ion: 41 Resp: 20450

Ion Ratio Lower Upper

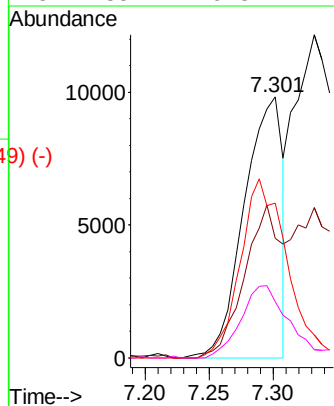
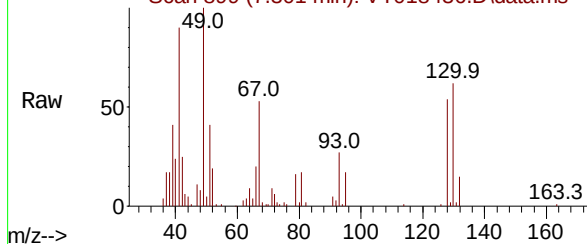
41 100

39 55.1 48.0 72.0

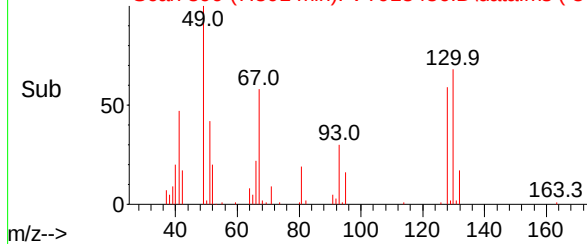
67 83.5 75.1 112.7

52 35.1 29.8 44.6

Abundance Scan 899 (7.301 min): VY018436.D\data.ms



Abundance Scan 899 (7.301 min): VY018436.D\data.ms (-849) (-)



Abundance Scan 1051 (8.228 min): VY018432.D\data.ms (-1044) #42

1,2-Dichloroethane

Concen: 48.399 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

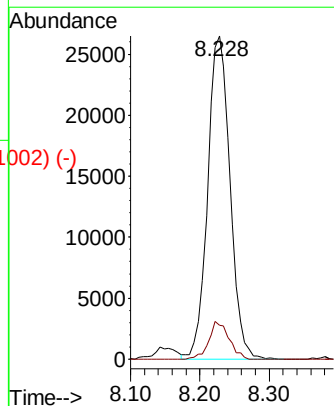
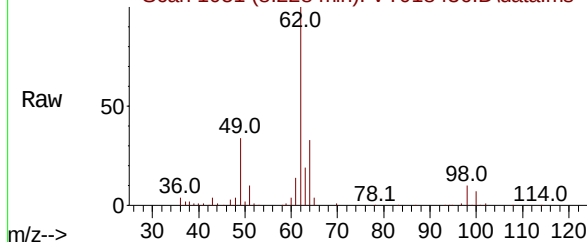
Tgt Ion: 62 Resp: 59173

Ion Ratio Lower Upper

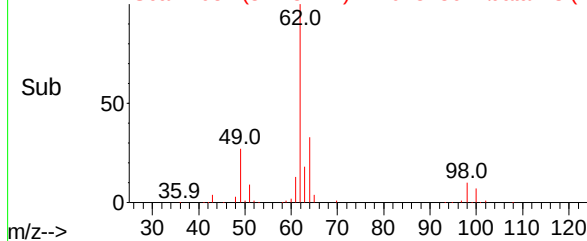
62 100

98 10.5 0.0 22.0

Abundance Scan 1051 (8.228 min): VY018436.D\data.ms



Abundance Scan 1051 (8.228 min): VY018436.D\data.ms (-1002) (-)



Abundance Scan 1057 (8.264 min): VY018432.D\data.ms (-1043)

Isopropyl Acetate

Concen: 47.218 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY018436.D

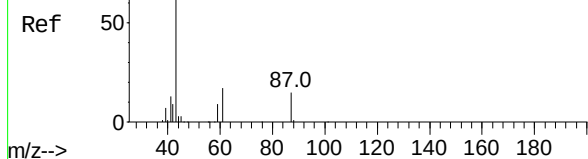
Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060324



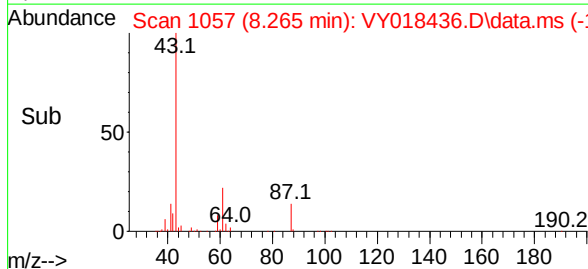
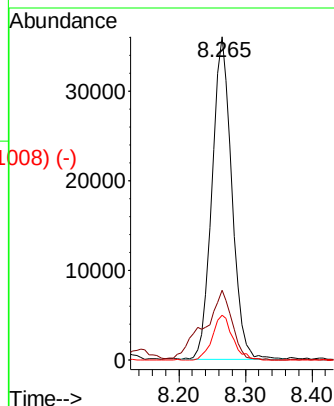
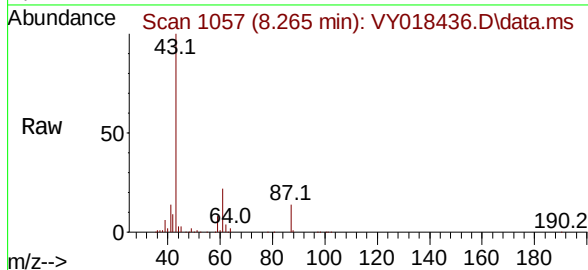
Tgt Ion: 43 Resp: 74027

Ion Ratio Lower Upper

43 100

61 30.6 27.9 41.9

87 14.3 13.1 19.7



Abundance Scan 1167 (8.935 min): VY018432.D\data.ms (-1154)

Trichloroethene

Concen: 46.759 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018436.D

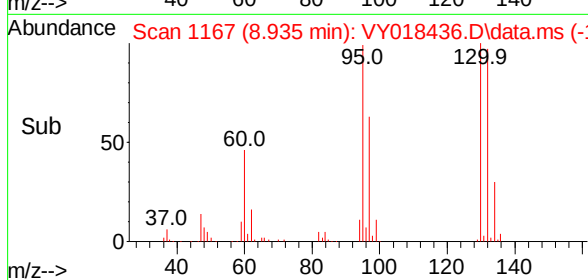
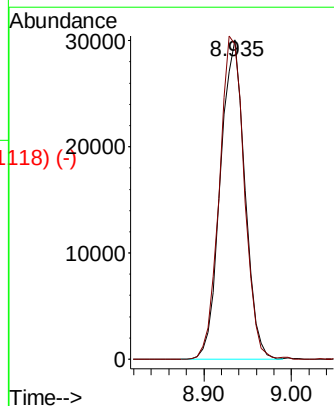
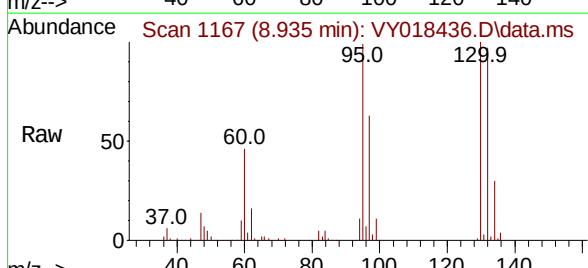
Acq: 03 Jun 2024 13:17

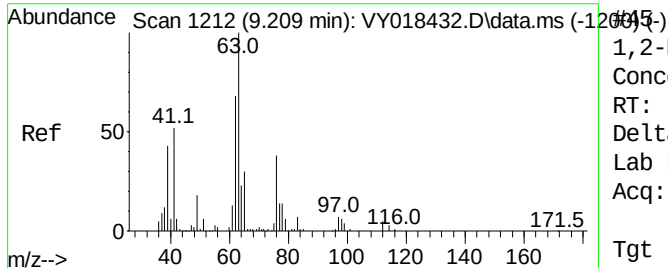
Tgt Ion:130 Resp: 58271

Ion Ratio Lower Upper

130 100

95 98.6 0.0 188.0

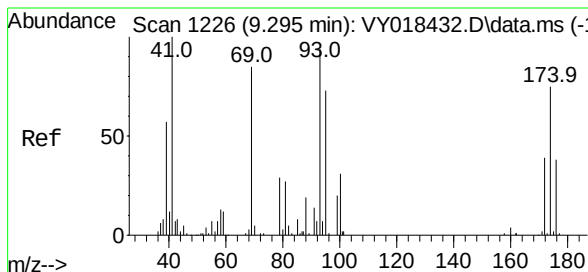
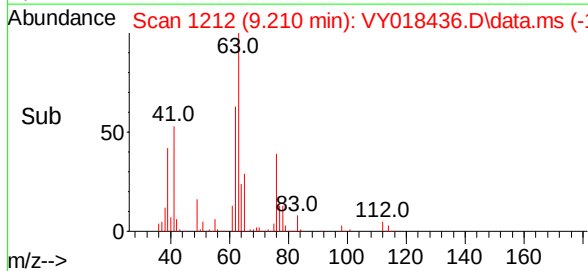
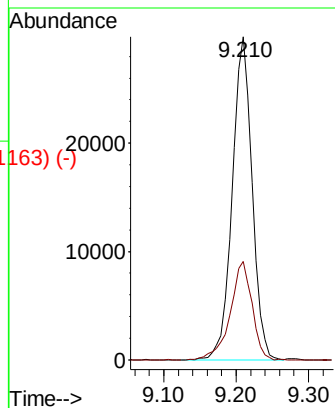
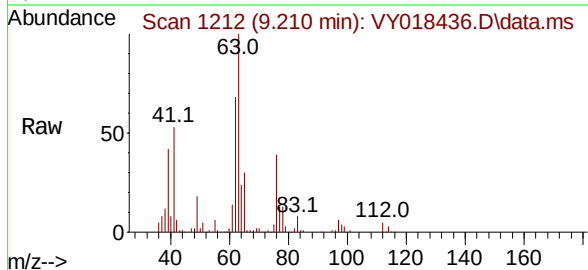




1,2-Dichloropropane
Concen: 49.154 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

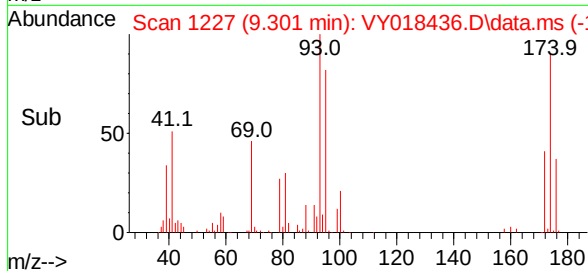
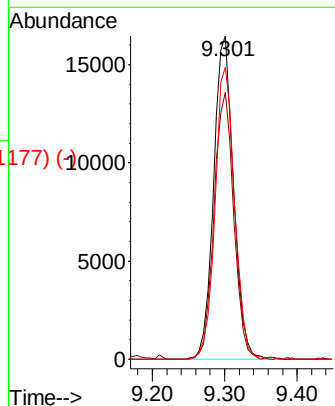
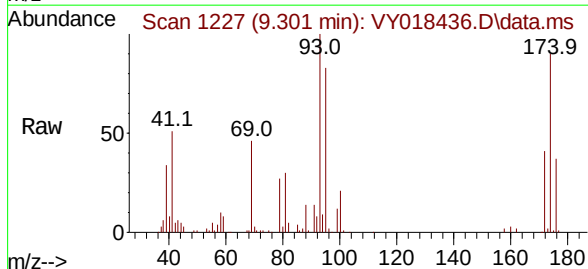
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060324

Tgt Ion: 63 Resp: 56530
Ion Ratio Lower Upper
63 100
65 30.4 25.4 38.2

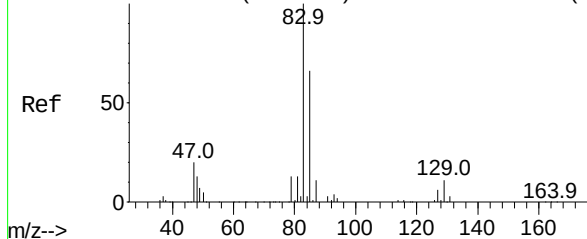


Dibromomethane
Concen: 47.598 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion: 93 Resp: 31385
Ion Ratio Lower Upper
93 100
95 82.1 66.2 99.4
174 88.7 80.9 121.3



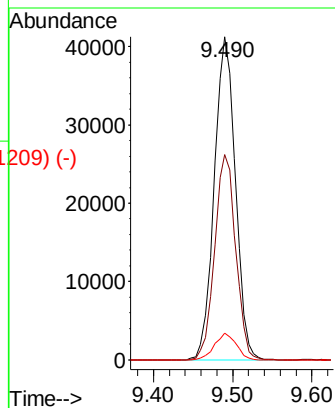
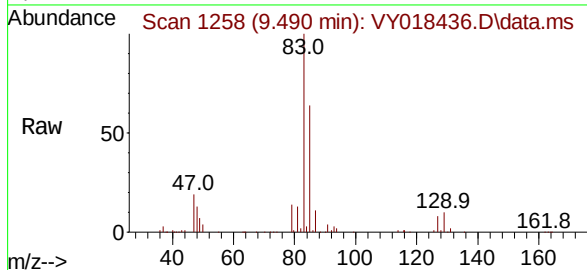
Abundance Scan 1258 (9.490 min): VY018432.D\data.ms (-1247-)



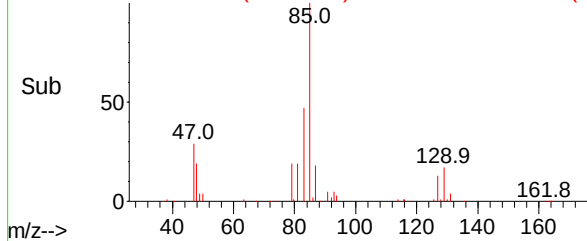
Bromodichloromethane
Concen: 48.413 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060324

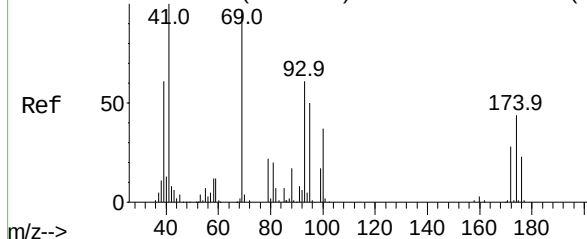
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.1	75.1
127	8.3	7.4	11.0



Abundance Scan 1258 (9.490 min): VY018436.D\data.ms (-1209-)

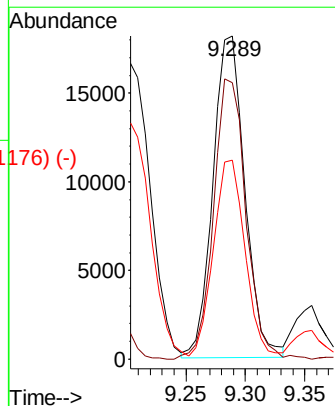
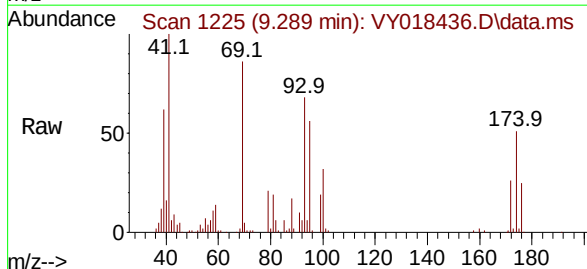


Abundance Scan 1225 (9.289 min): VY018432.D\data.ms (-1218-)

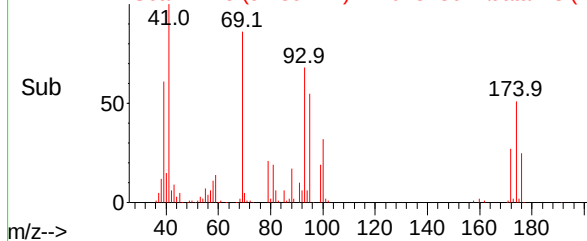


Methyl methacrylate
Concen: 47.031 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

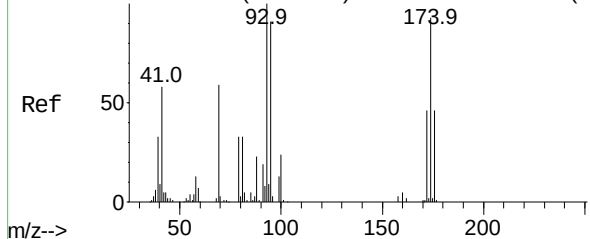
Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.1	84.1	126.1
39	60.1	43.6	65.4



Abundance Scan 1225 (9.289 min): VY018436.D\data.ms (-1176-)



Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-1216)



1,4-Dioxane

Concen: 874.129 ug/l

RT: 9.283 min Scan#

Delta R.T. -0.018 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060324

Tgt Ion: 88 Resp: 7569

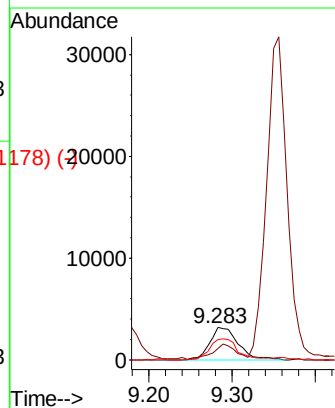
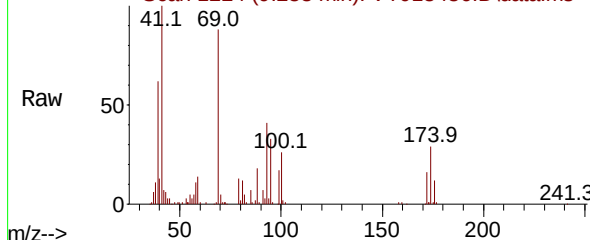
Ion Ratio Lower Upper

88 100

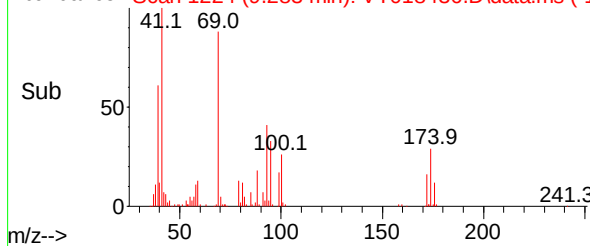
43 38.2 0.0 0.0#

58 64.6 49.3 73.9

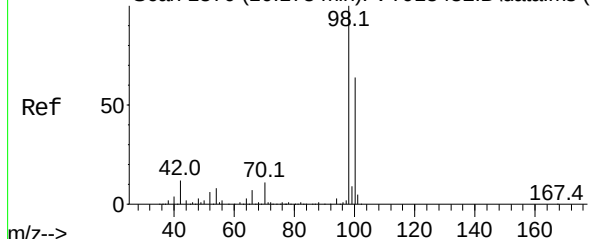
Abundance Scan 1224 (9.283 min): VY018436.D\data.ms



Abundance Scan 1224 (9.283 min): VY018436.D\data.ms (-1178)



Abundance Scan 1370 (10.173 min): VY018432.D\data.ms (-1359)



Toluene-d8

Concen: 52.273 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

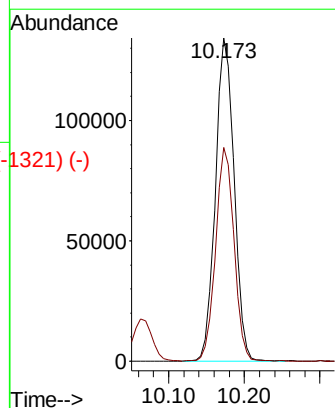
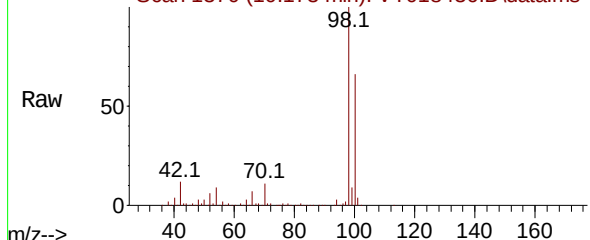
Tgt Ion: 98 Resp: 228905

Ion Ratio Lower Upper

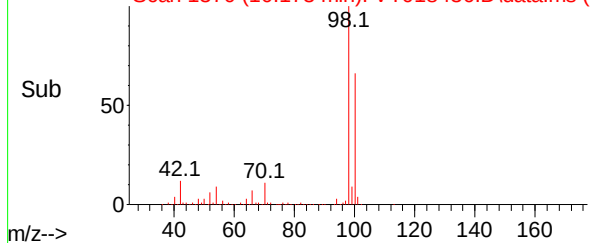
98 100

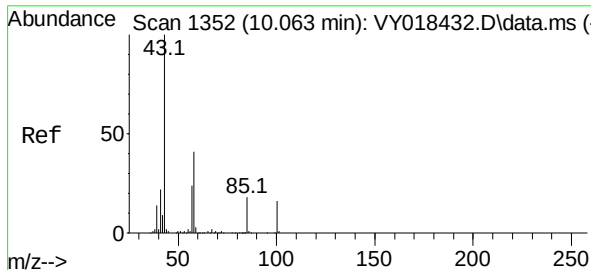
100 65.2 52.0 78.0

Abundance Scan 1370 (10.173 min): VY018436.D\data.ms



Abundance Scan 1370 (10.173 min): VY018436.D\data.ms (-1321)

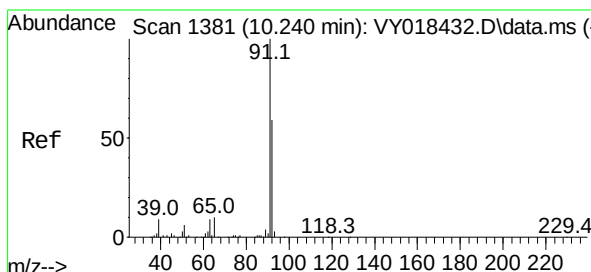
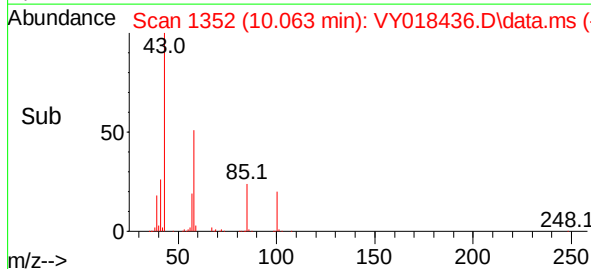
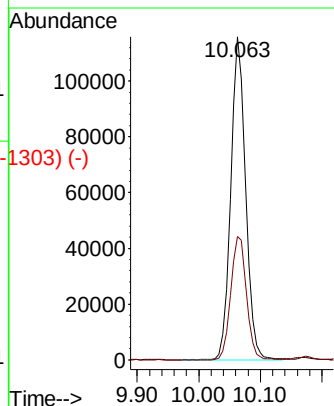
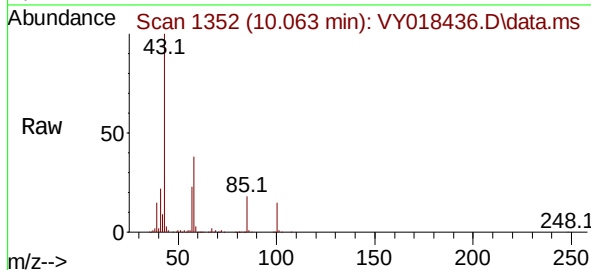




4-Methyl-2-Pentanone
Concen: 237.982 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

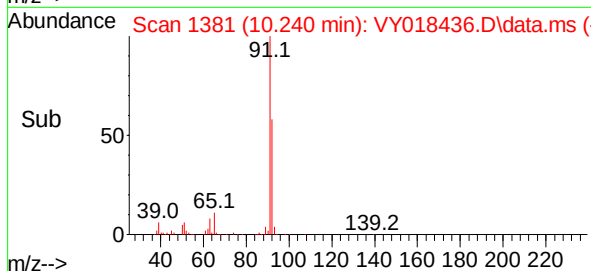
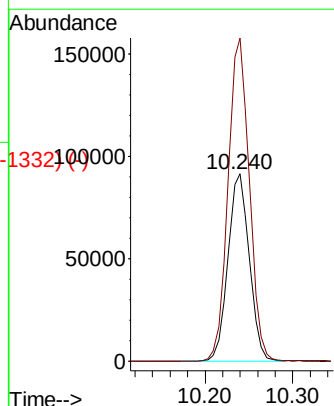
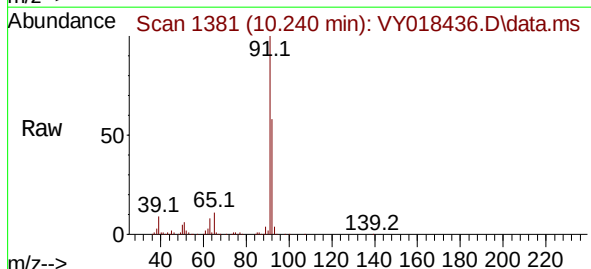
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060324

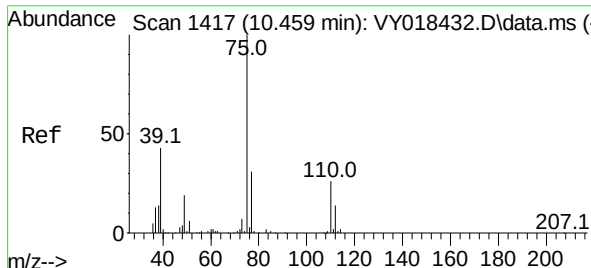
Tgt Ion: 43 Resp: 193735
Ion Ratio Lower Upper
43 100
58 40.4 35.7 53.5



Toluene
Concen: 49.793 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion: 92 Resp: 154008
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.6



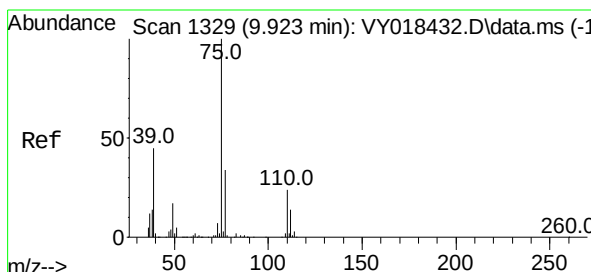
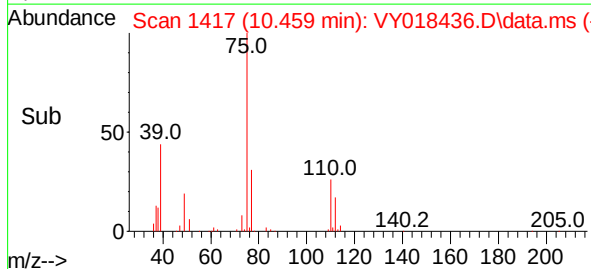
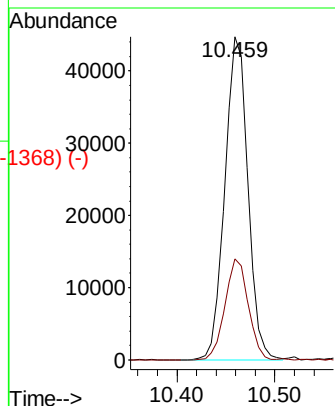
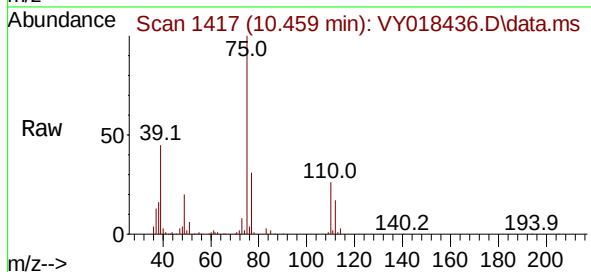


Scan 1417 (10.459 min): VY018432.D\data.ms (-1458) (-)
 t-1,3-Dichloropropene
 Concen: 50.340 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

Instrument : MSVOA_Y
 ClientSampleId : VCVY060324

Tgt Ion: 75 Resp: 73171

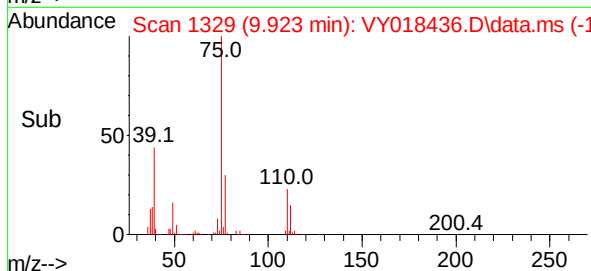
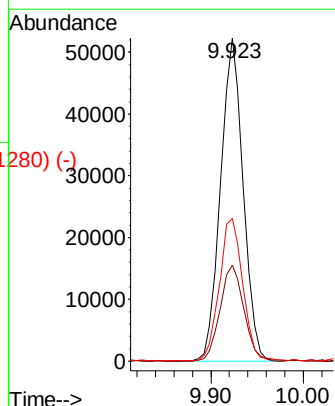
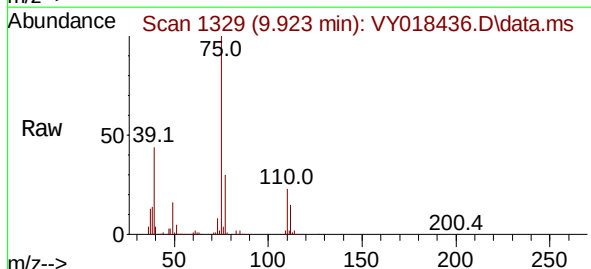
Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.1	36.1

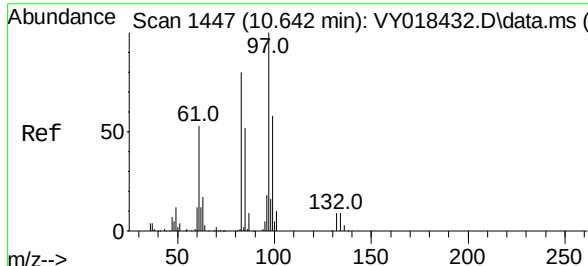


Scan 1329 (9.923 min): VY018432.D\data.ms (-1329) (-)
 cis-1,3-Dichloropropene
 Concen: 49.570 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

Tgt Ion: 75 Resp: 88714

Ion	Ratio	Lower	Upper
75	100		
77	29.8	25.4	38.0
39	44.0	29.8	44.6

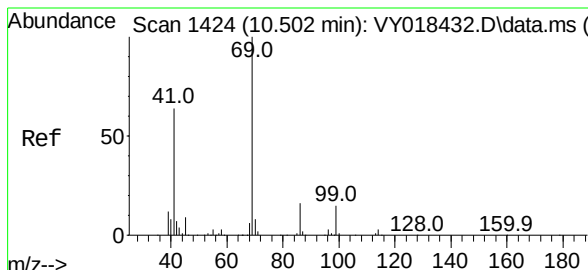
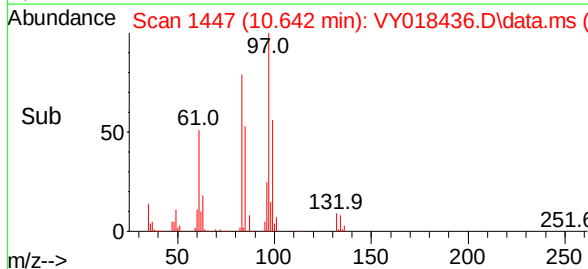
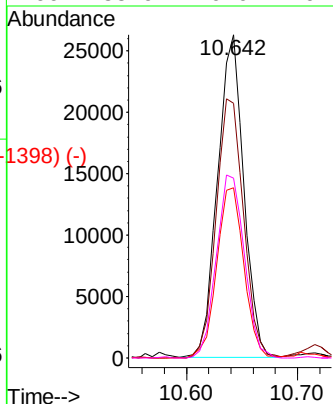
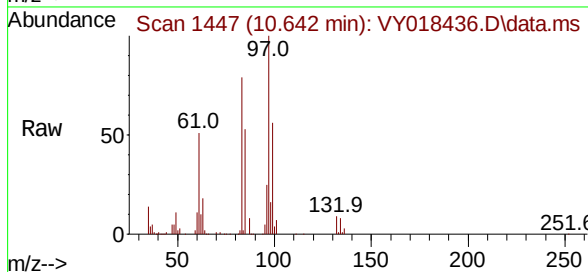




Scan 1447 (10.642 min): VY018432.D\data.ms (-1455) (-)
 1,1,2-Trichloroethane
 Concen: 50.065 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

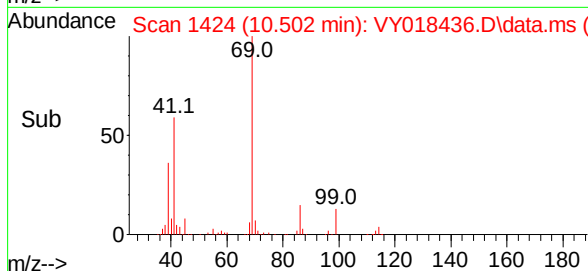
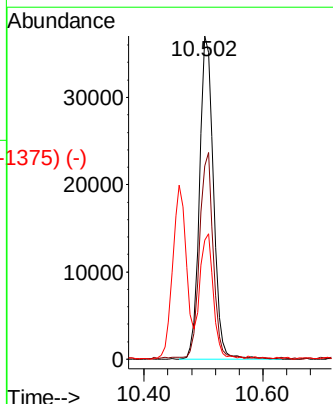
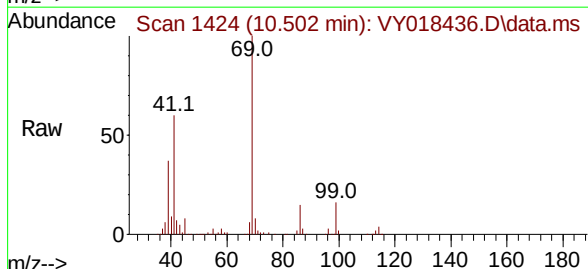
Instrument : MSVOA_Y
 ClientSampleId : ICVVY060324

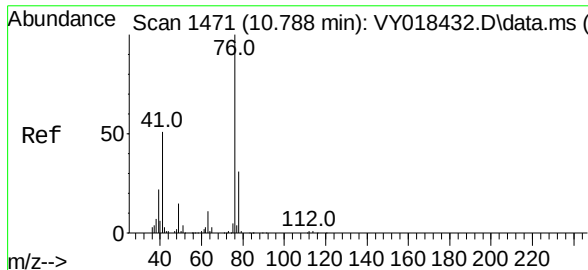
Tgt Ion:	97	Resp:	42949
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.5	101.3
85	52.9	42.9	64.3
99	55.9	46.6	70.0



Scan 1424 (10.502 min): VY018432.D\data.ms (-1455) (-)
 Ethyl methacrylate
 Concen: 49.869 ug/l
 RT: 10.502 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

Tgt Ion:	69	Resp:	60201
Ion	Ratio	Lower	Upper
69	100		
41	64.7	42.3	63.5#
39	36.8	22.9	34.3#

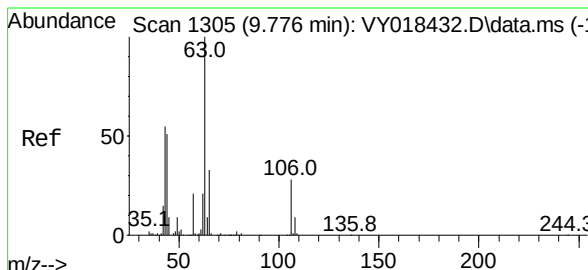
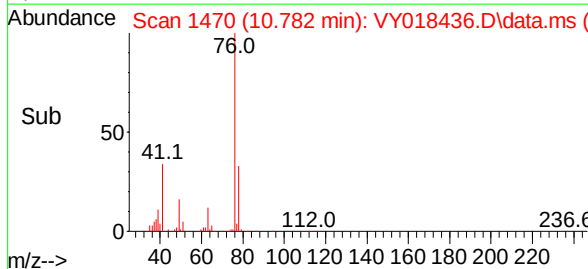
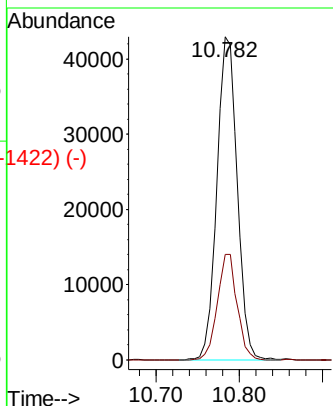
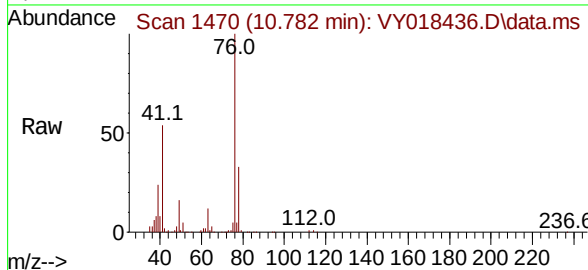




1,3-Dichloropropane
Concen: 50.655 ug/l
RT: 10.782 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

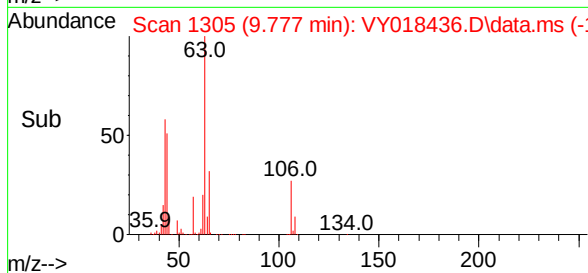
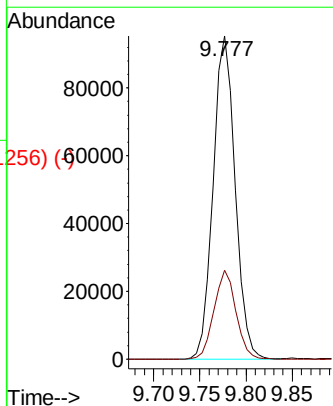
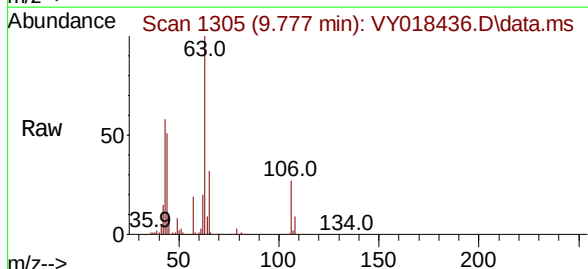
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060324

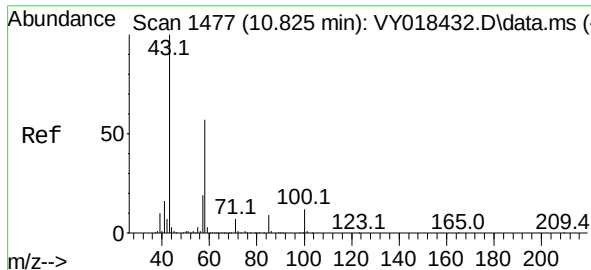
Tgt Ion: 76 Resp: 73770
Ion Ratio Lower Upper
76 100
78 31.7 26.2 39.4



2-Chloroethyl Vinyl ether
Concen: 242.890 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion: 63 Resp: 157455
Ion Ratio Lower Upper
63 100
106 27.5 23.7 35.5

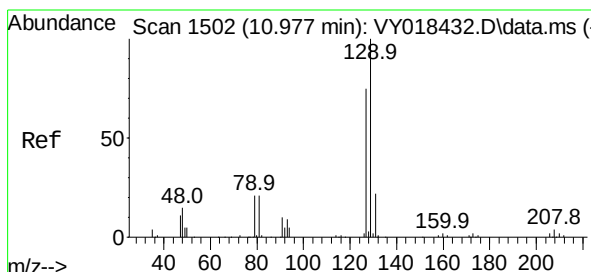
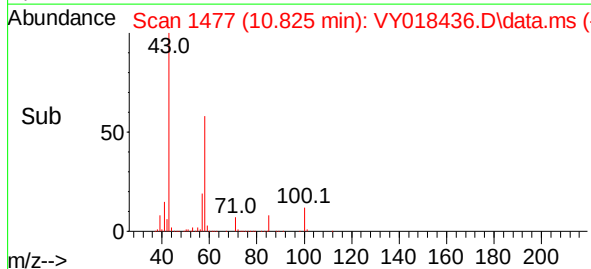
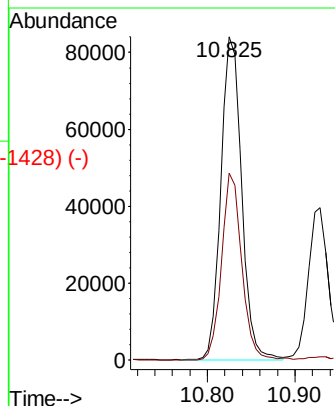
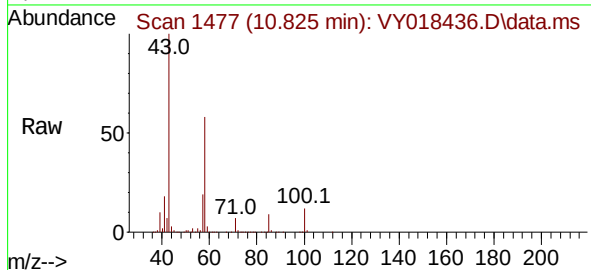




2-Hexanone
Concen: 246.596 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

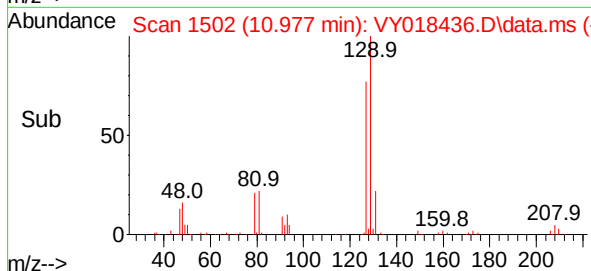
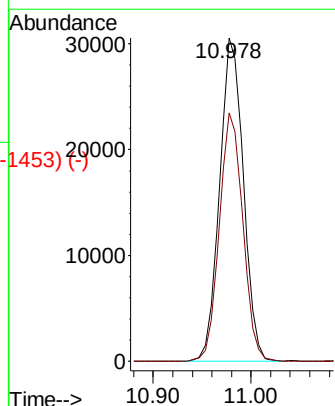
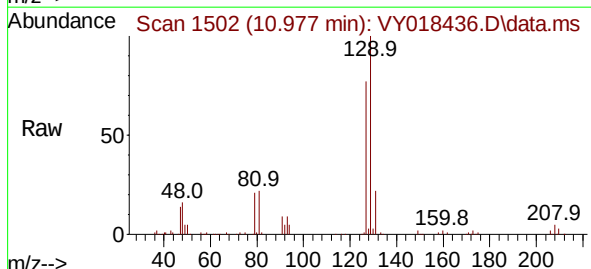
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060324

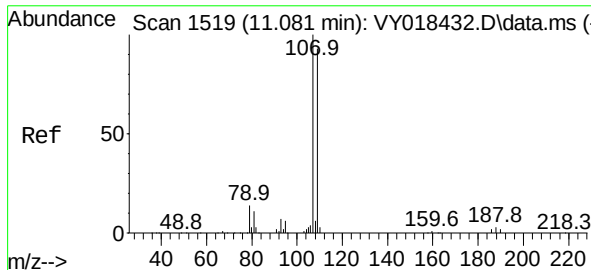
Tgt Ion: 43 Resp: 138725
Ion Ratio Lower Upper
43 100
58 56.1 31.4 94.0



Dibromochloromethane
Concen: 49.057 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion: 129 Resp: 51414
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0





1,2-Dibromoethane

Concen: 48.407 ug/l

RT: 11.081 min Scan# 1519

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

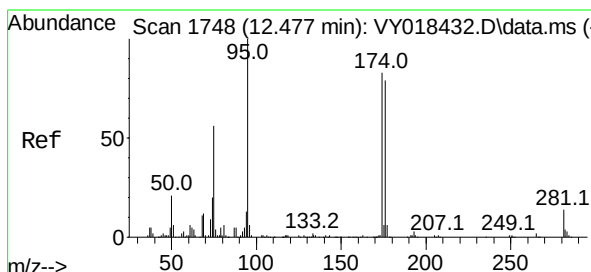
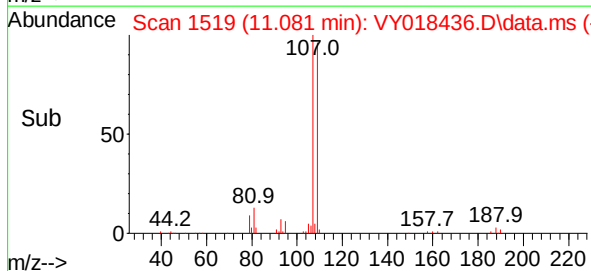
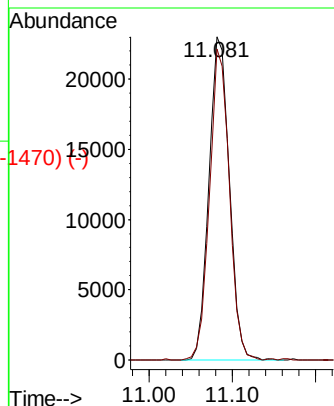
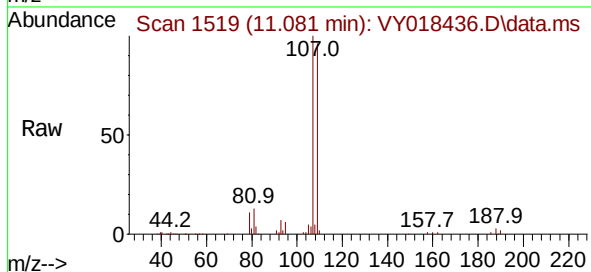
ICVVY060324

Tgt Ion:107 Resp: 39104

Ion Ratio Lower Upper

107 100

109 93.5 75.9 113.9



4-Bromofluorobenzene

Concen: 52.130 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

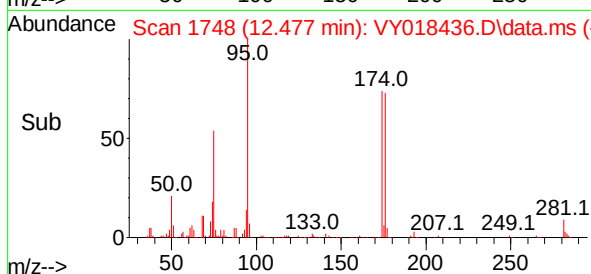
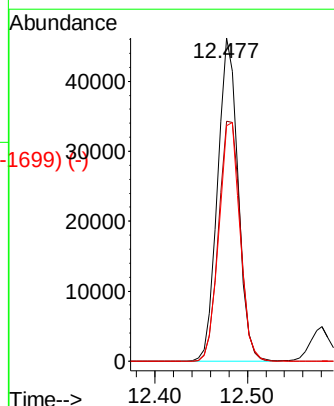
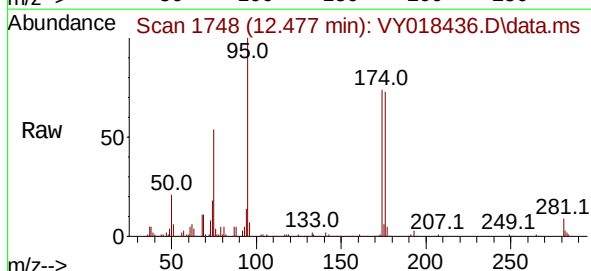
Tgt Ion: 95 Resp: 71076

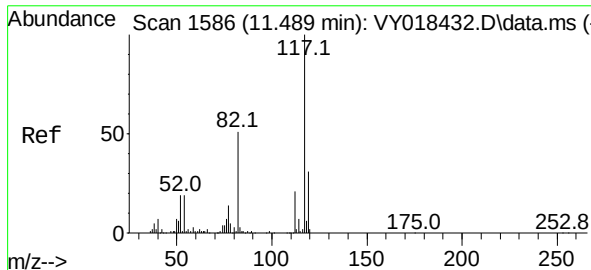
Ion Ratio Lower Upper

95 100

174 78.7 0.0 175.6

176 76.1 0.0 171.4

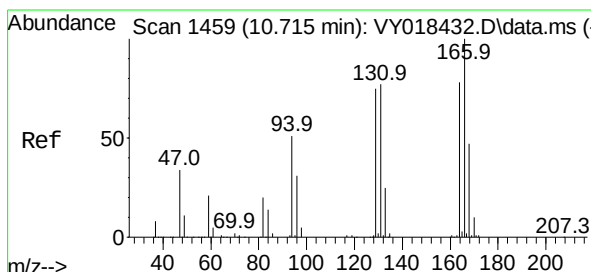
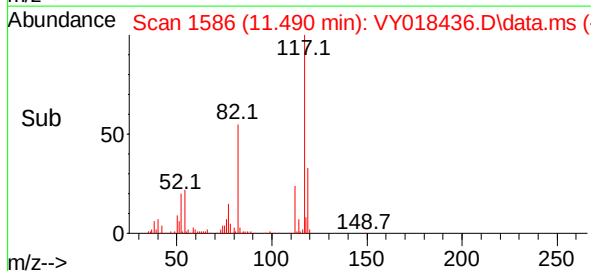
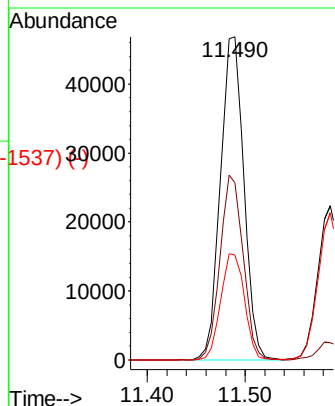
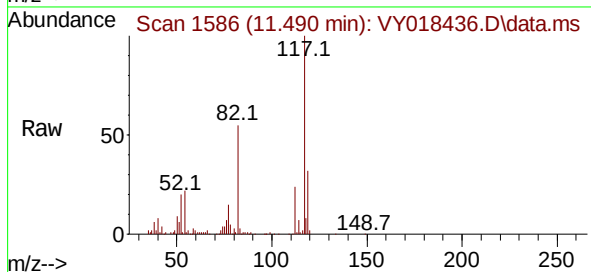




#63 (-)
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

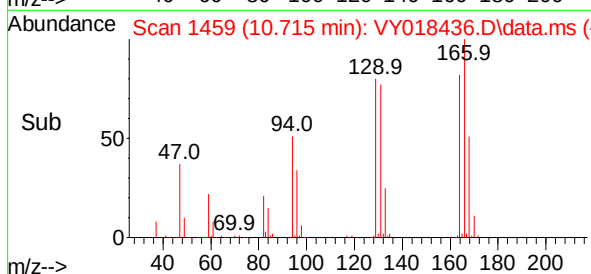
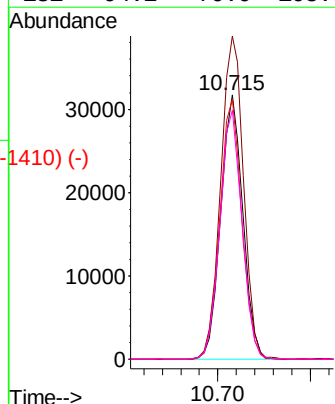
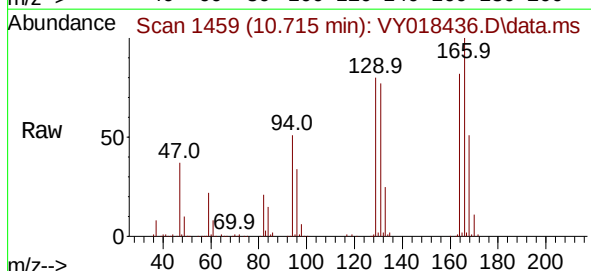
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060324

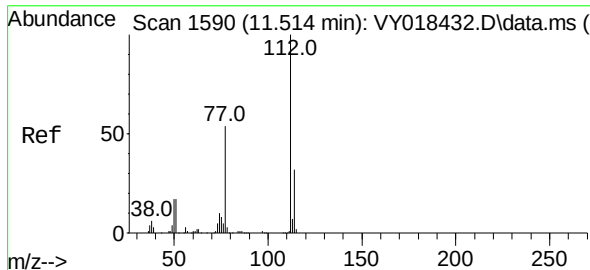
Tgt Ion:	117	Resp:	78101
Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.4	63.6
119	32.5	25.9	38.9



#64 (-)
Tetrachloroethene
Concen: 45.619 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:	164	Resp:	52481
Ion	Ratio	Lower	Upper
164	100		
166	122.2	102.6	154.0
129	98.1	72.0	108.0
131	94.2	70.0	105.0

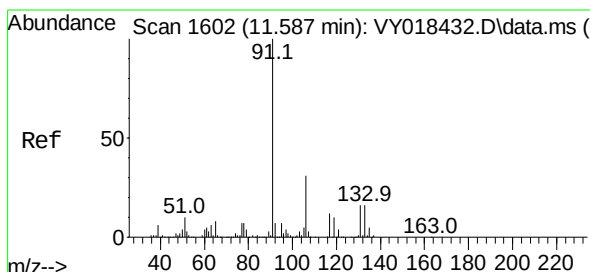
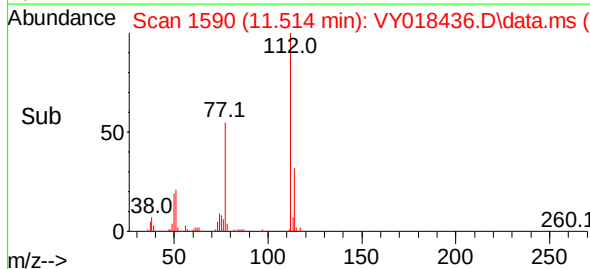
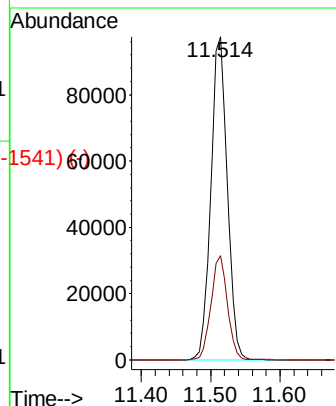
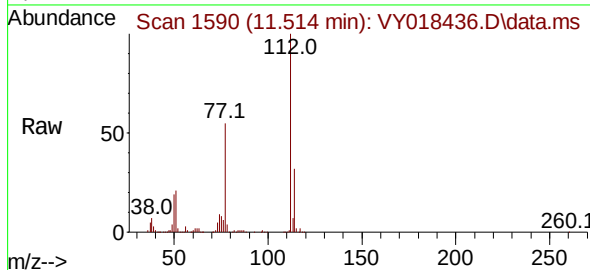




Chlorobenzene
Concen: 47.989 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

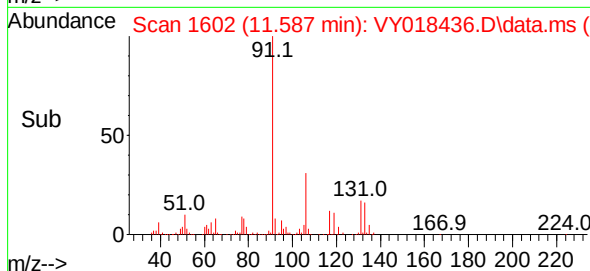
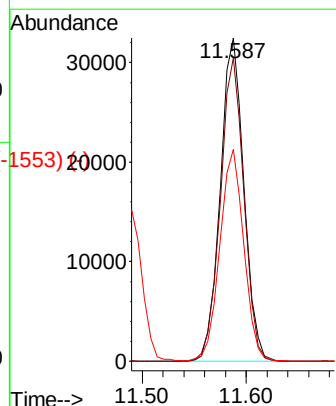
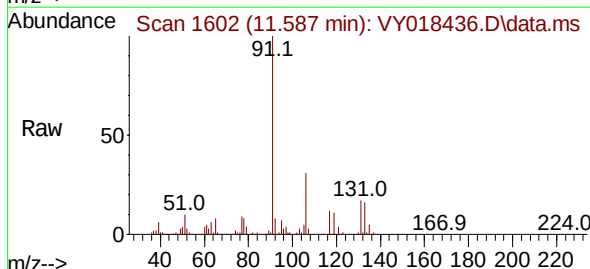
Instrument : MSVOA_Y
ClientSampleId : VCVY060324

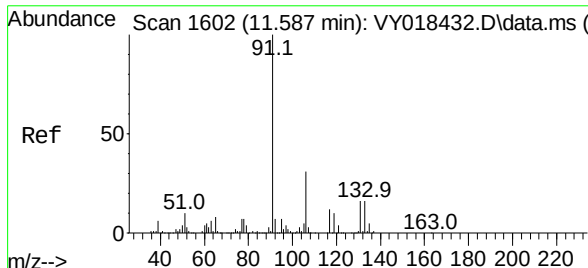
Tgt Ion:112 Resp: 160730
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



1,1,1,2-Tetrachloroethane
Concen: 47.585 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:131 Resp: 51534
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.3
119 66.7 34.1 102.2

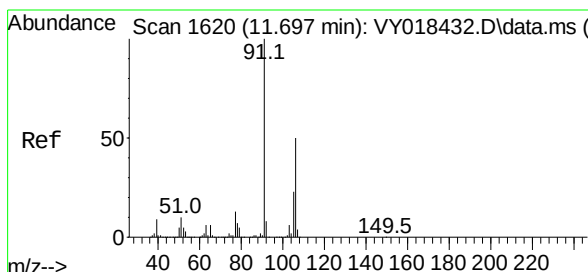
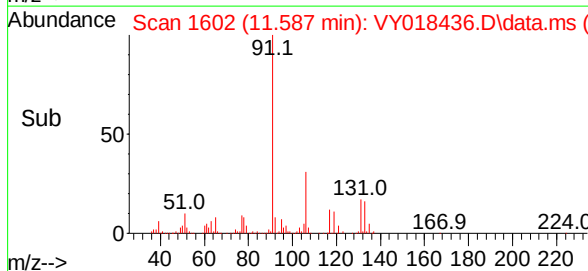
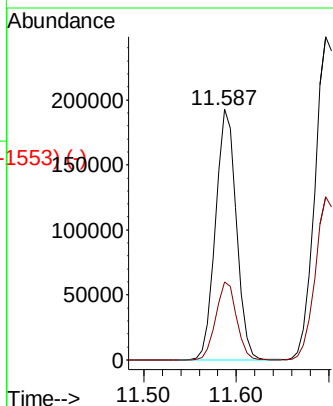
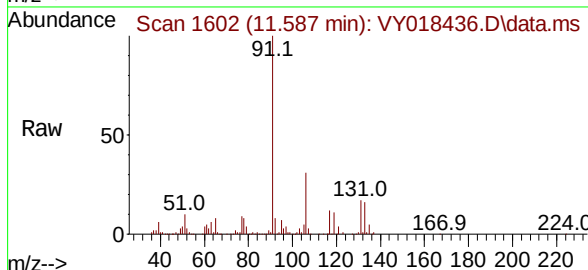




Ethyl Benzene
Concen: 49.312 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

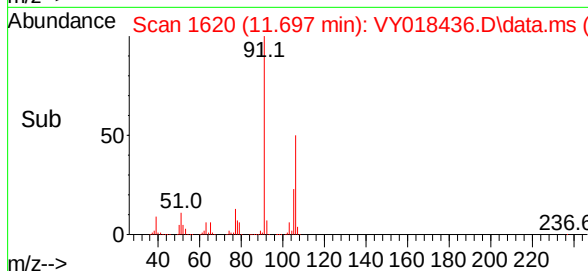
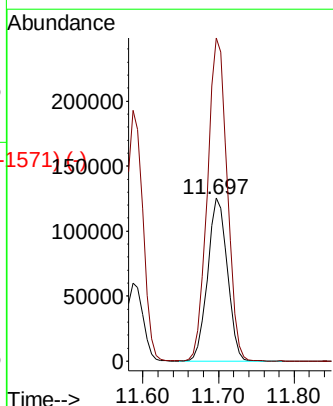
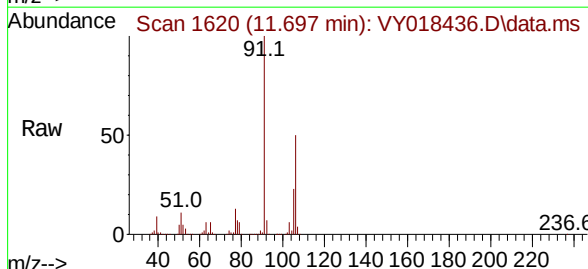
Instrument : MSVOA_Y
ClientSampleId : VCVY060324

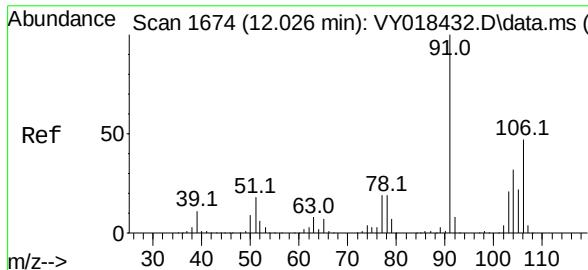
Tgt Ion: 91 Resp: 300620
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



m/p-Xylenes
Concen: 98.866 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion: 106 Resp: 226948
Ion Ratio Lower Upper
106 100
91 199.0 156.0 234.0

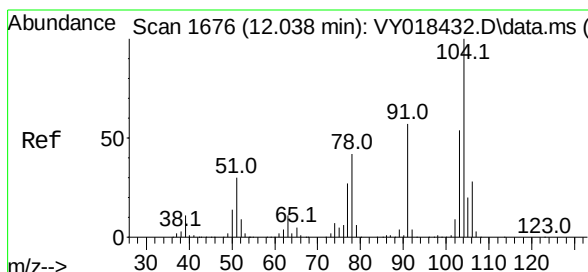
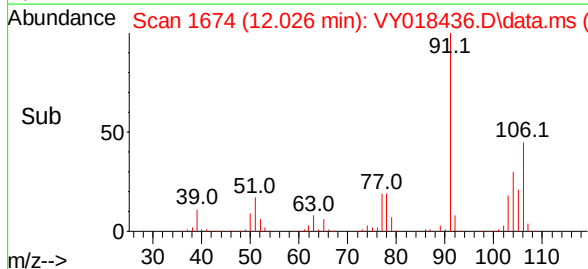
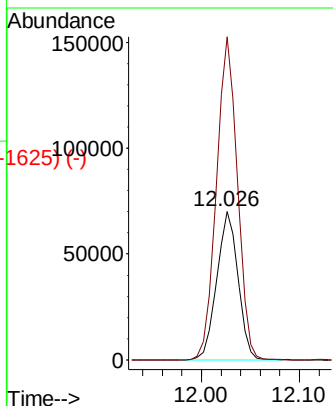
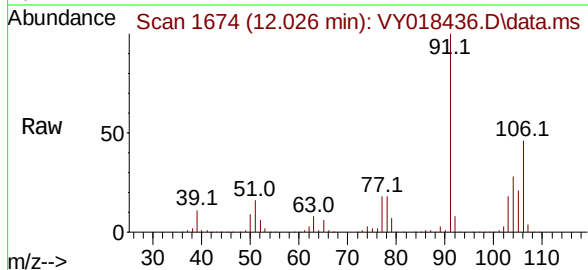




Scan 1674 (12.026 min): VY018432.D\data.ms (-1669) (-)
 o-Xylene
 Concen: 47.722 ug/l
 RT: 12.026 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

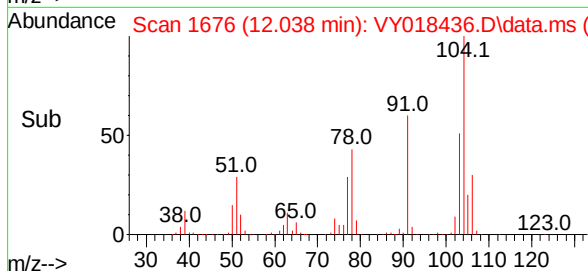
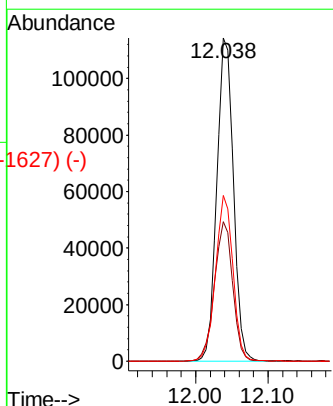
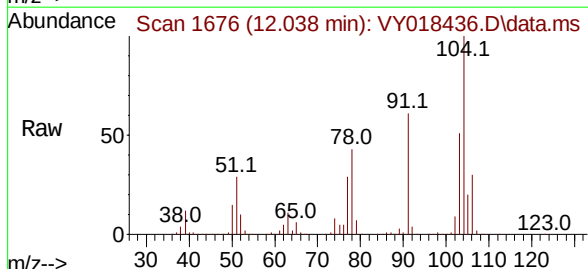
Instrument : MSVOA_Y
 ClientSampleId : VY060324

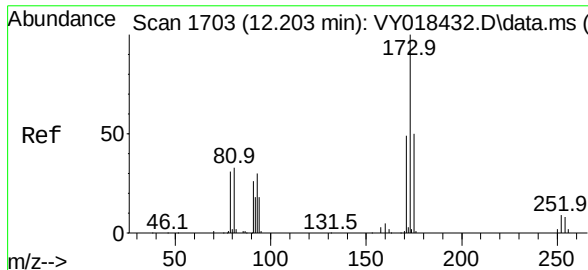
Tgt Ion:106 Resp: 105452
 Ion Ratio Lower Upper
 106 100
 91 215.4 103.6 310.8



Scan 1676 (12.038 min): VY018432.D\data.ms (-1679) (-)
 Styrene
 Concen: 50.111 ug/l
 RT: 12.038 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

Tgt Ion:104 Resp: 180921
 Ion Ratio Lower Upper
 104 100
 78 47.5 37.0 55.4
 103 54.0 44.2 66.2

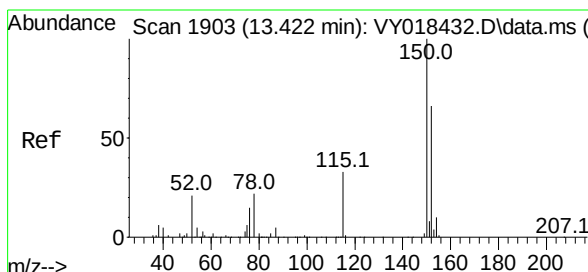
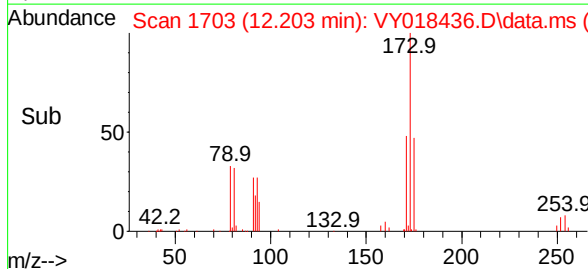
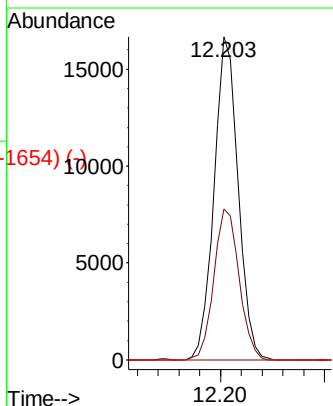
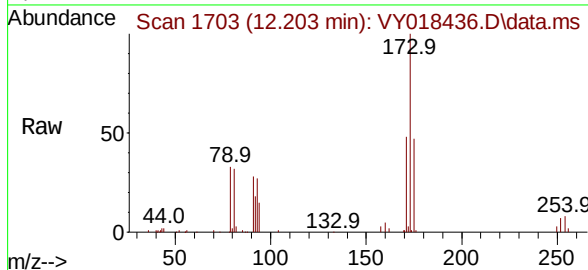




Bromoform
Concen: 47.263 ug/l
RT: 12.203 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

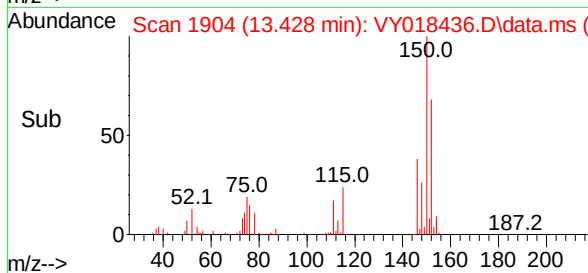
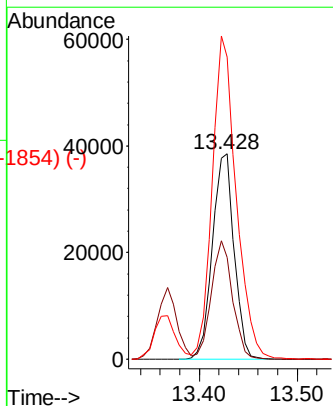
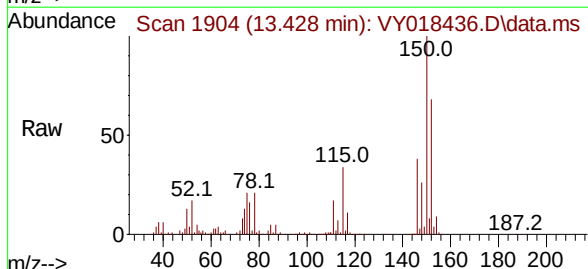
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060324

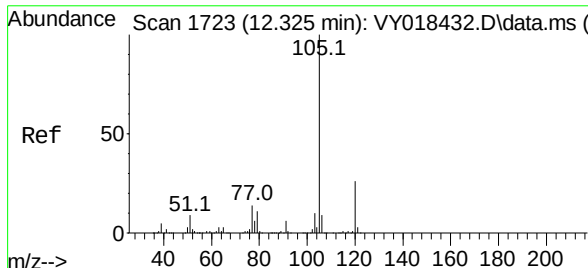
Tgt Ion:	173	Resp:	26965
Ion	Ratio	Lower	Upper
173	100		
175	48.9	25.1	75.3
254	0.0	0.0	0.0



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:	152	Resp:	59224
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.2	84.7
150	173.8	0.0	345.6

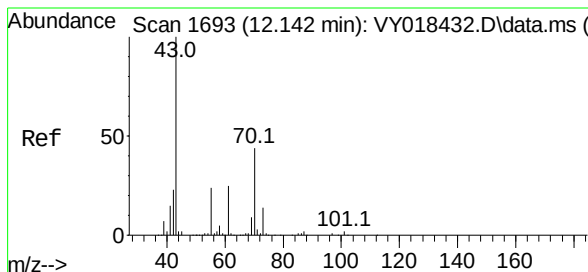
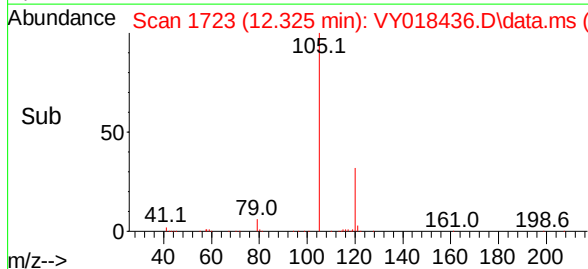
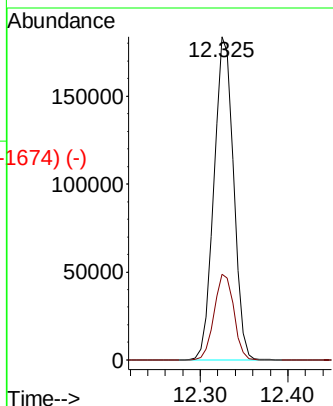
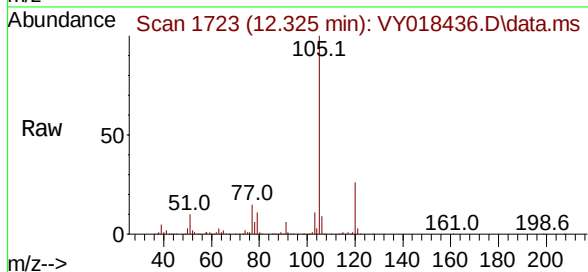




Isopropylbenzene
Concen: 46.662 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

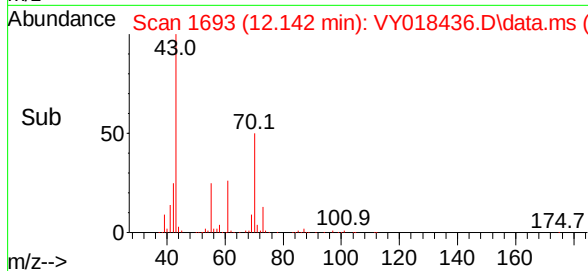
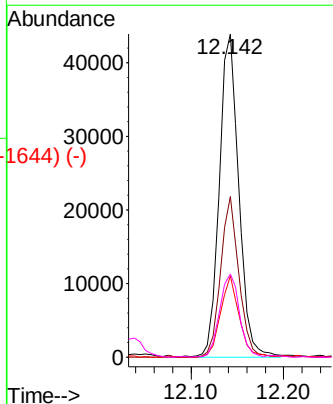
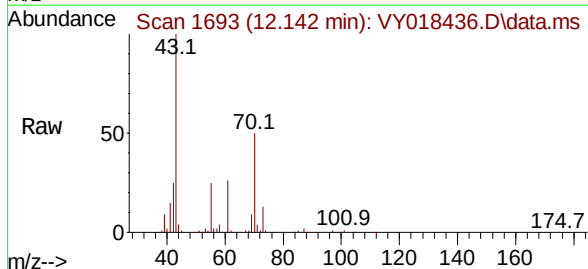
Instrument : MSVOA_Y
ClientSampleId : ICVVY060324

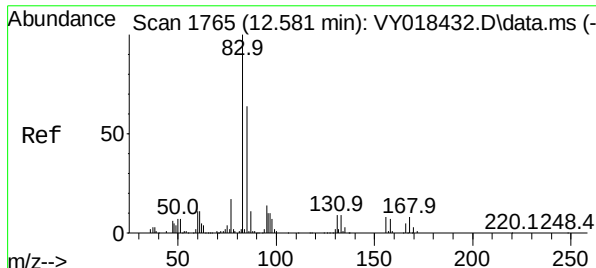
Tgt Ion: 105 Resp: 285177
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



N-amyI acetate
Concen: 43.282 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion: 43 Resp: 64387
Ion Ratio Lower Upper
43 100
70 47.0 41.4 62.2
55 24.2 23.3 34.9
61 26.2 22.6 33.8

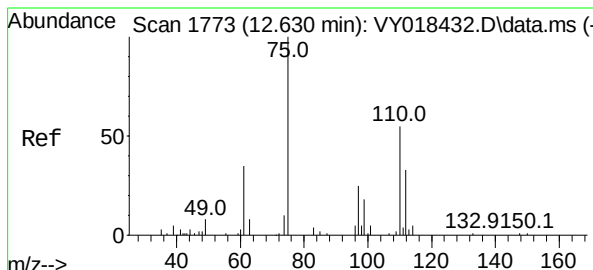
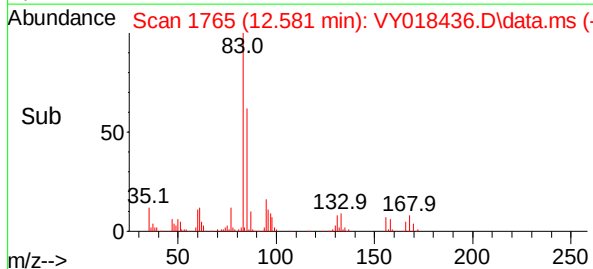
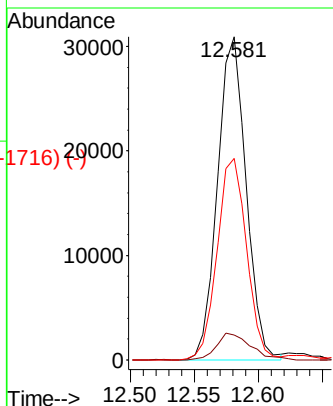
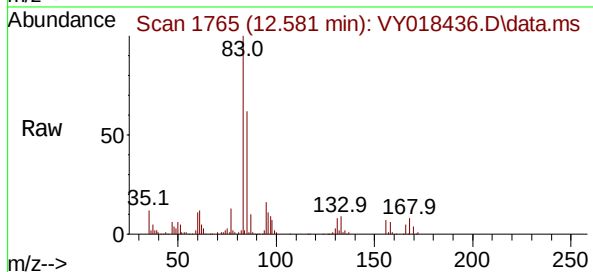




1,1,2,2-Tetrachloroethane
 Concen: 44.505 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

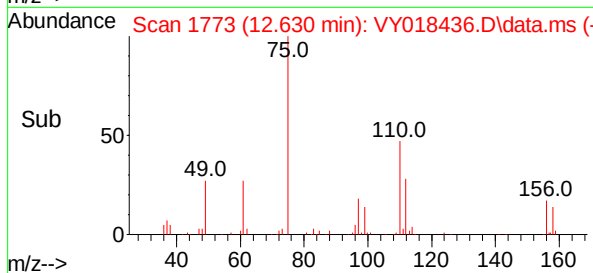
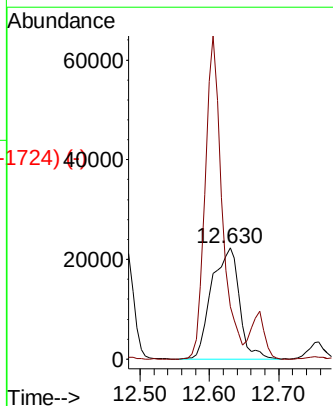
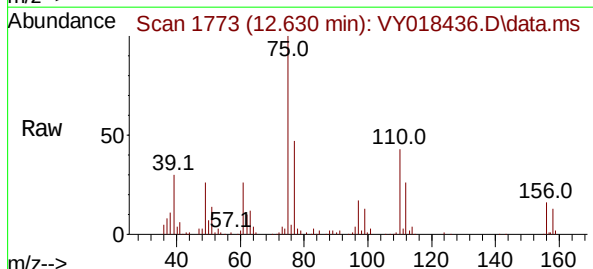
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060324

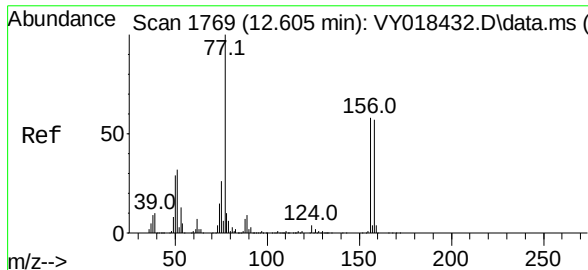
Tgt Ion:	83	Resp:	47880
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.4	32.0	96.0



1,2,3-Trichloropropane
 Concen: 84.535 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

Tgt Ion:	75	Resp:	62081
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

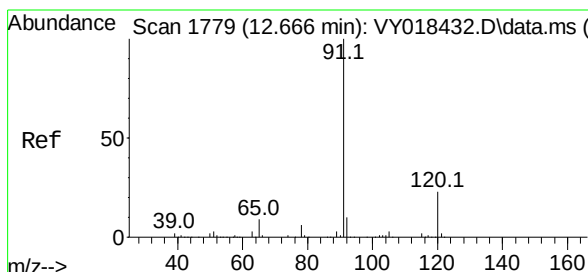
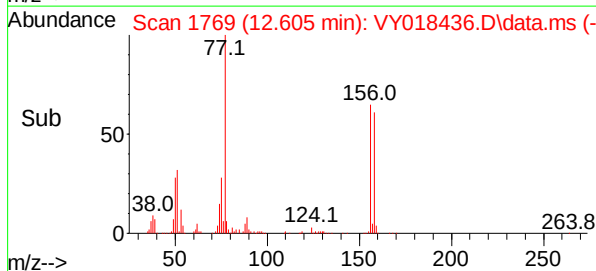
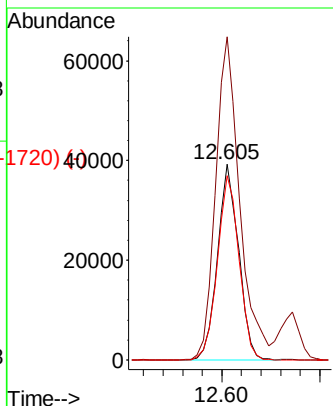
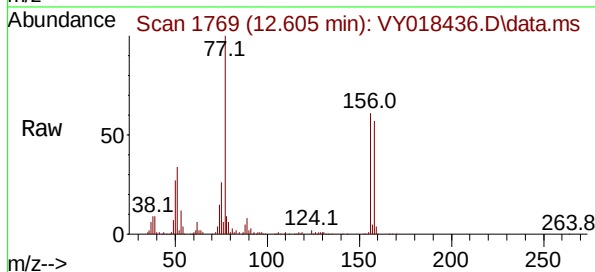




Bromobenzene
Concen: 45.160 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

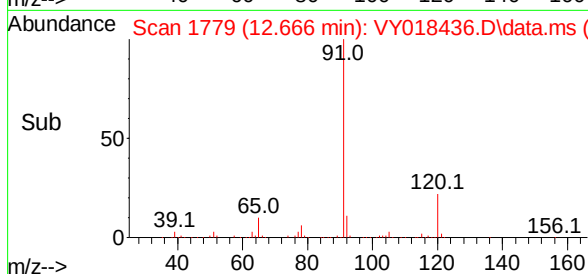
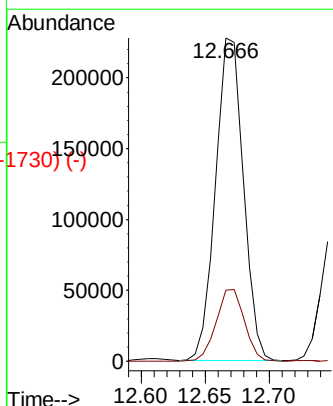
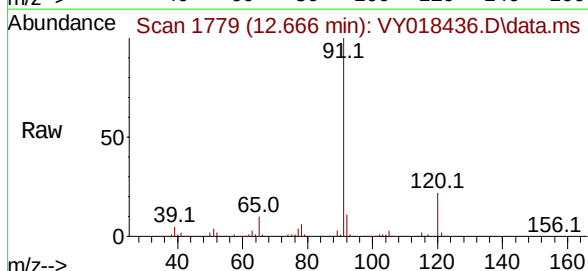
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060324

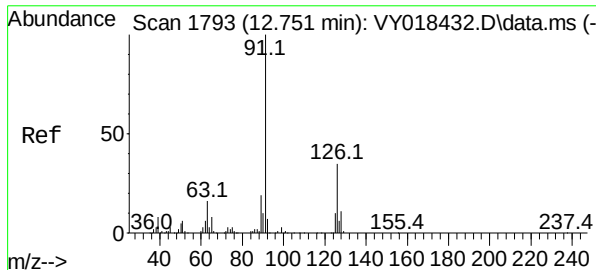
Tgt Ion:	156	Resp:	58600
Ion	Ratio	Lower	Upper
156	100		
77	188.3	87.1	261.3
158	96.5	48.6	145.9



n-propylbenzene
Concen: 46.900 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:	91	Resp:	344013
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.4

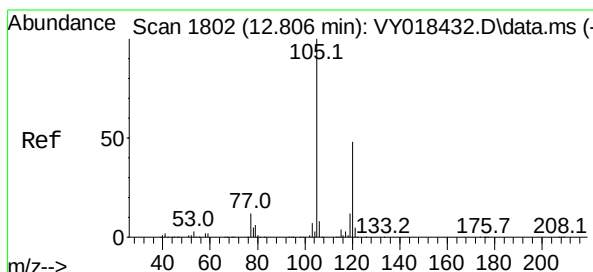
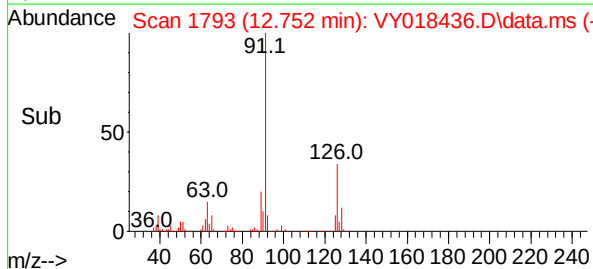
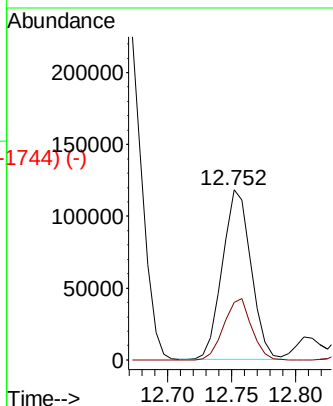
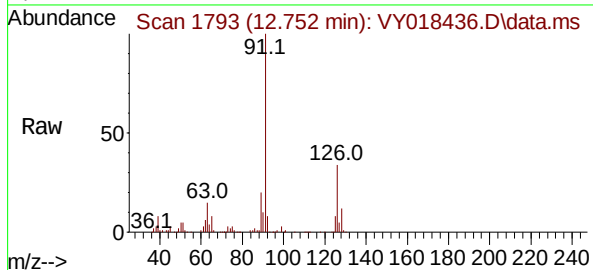




Scan 1793 (12.751 min): VY018432.D\data.ms (-1779) (-)
 2-Chlorotoluene
 Concen: 46.224 ug/l
 RT: 12.752 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

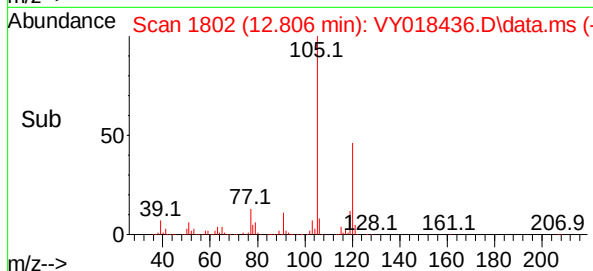
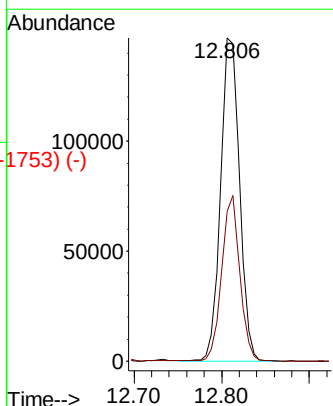
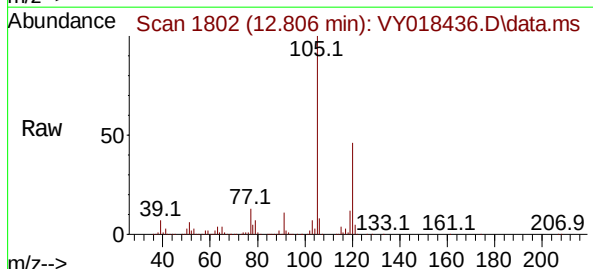
Instrument : MSVOA_Y
 ClientSampleId : VCVY060324

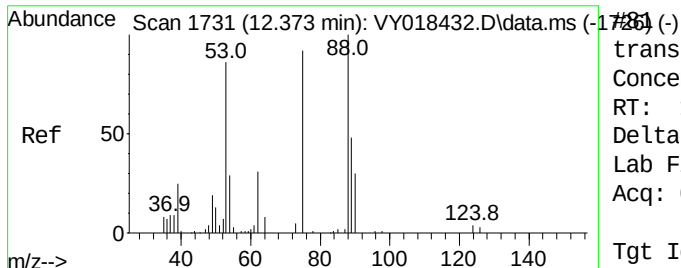
Tgt Ion: 91 Resp: 184327
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.8 53.5



Scan 1802 (12.806 min): VY018432.D\data.ms (-1789) (-)
 1,3,5-Trimethylbenzene
 Concen: 46.402 ug/l
 RT: 12.806 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

Tgt Ion: 105 Resp: 220871
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.2



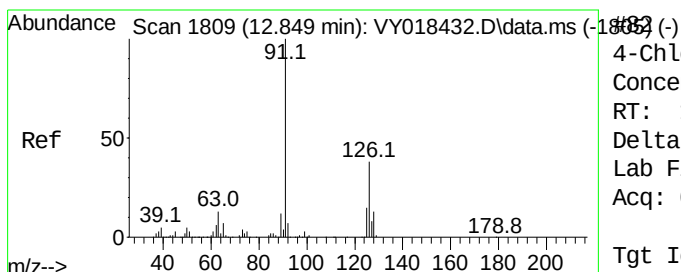
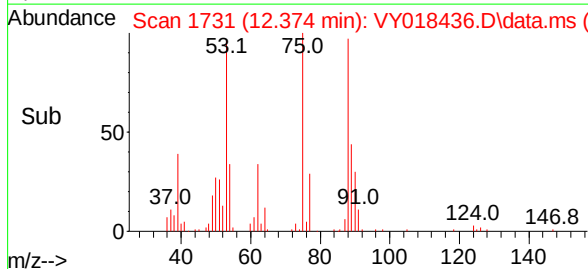
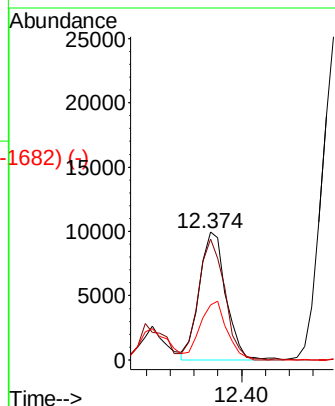
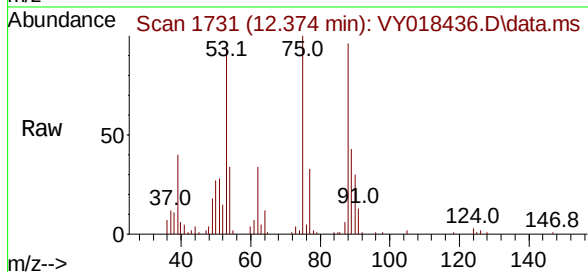


trans-1,4-Dichloro-2-butene
Concen: 44.277 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :
ICVY060324

Tgt Ion: 75 Resp: 15477

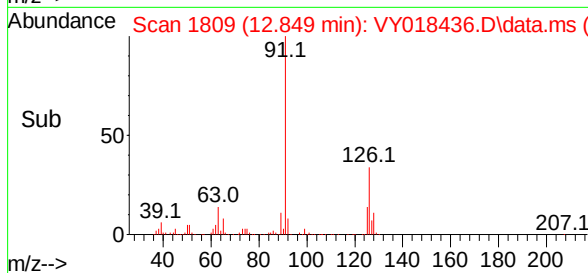
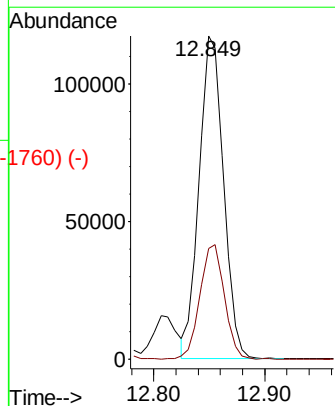
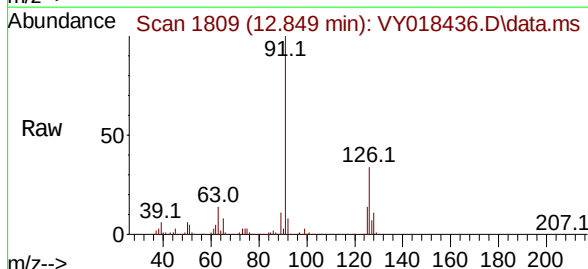
Ion	Ratio	Lower	Upper
75	100		
53	93.7	66.8	100.2
89	45.9	35.8	53.6

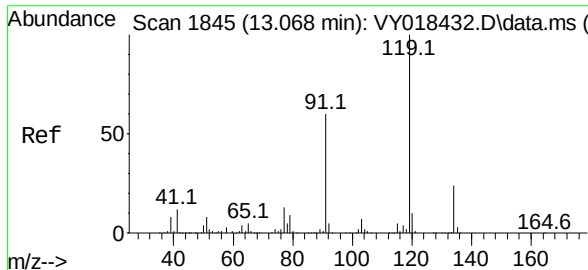


4-Chlorotoluene
Concen: 44.640 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion: 91 Resp: 179128

Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.6	52.9

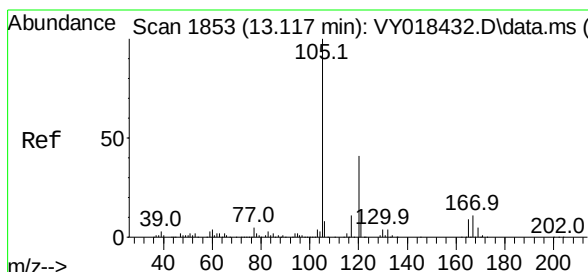
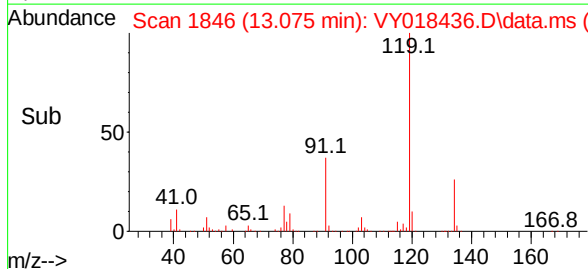
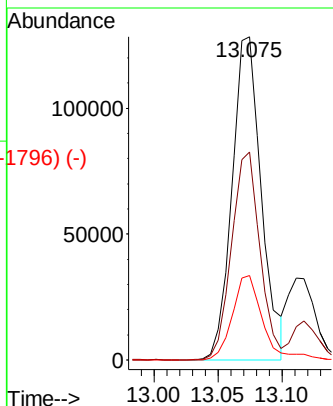
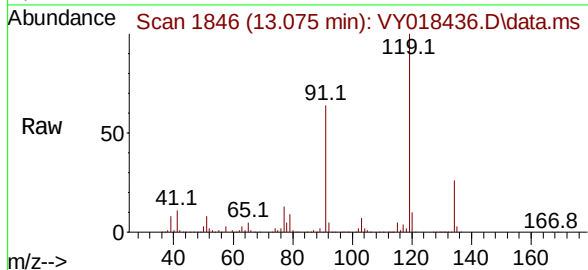




tert-Butylbenzene
Concen: 46.458 ug/l
RT: 13.075 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

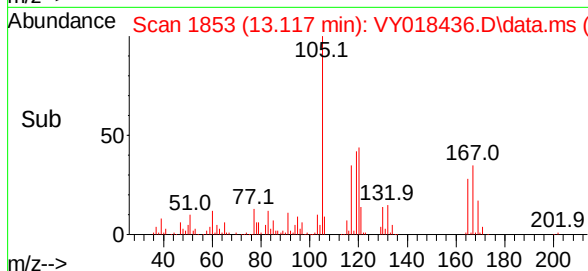
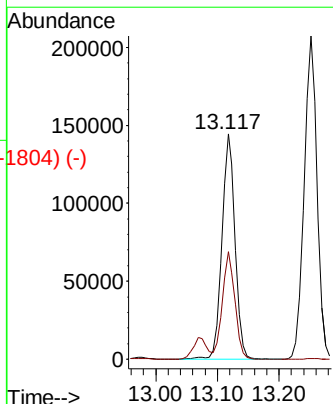
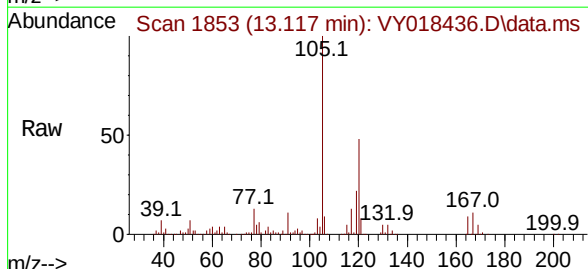
Instrument : MSVOA_Y
ClientSampleId : ICVVY060324

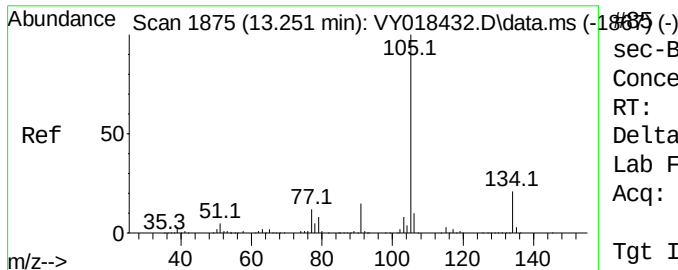
Tgt Ion:	119	Resp:	204488
Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.3	93.8
134	27.2	13.4	40.1



1,2,4-Trimethylbenzene
Concen: 46.177 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:	105	Resp:	215186
Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.2	69.6





sec-Butylbenzene

Concen: 46.382 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

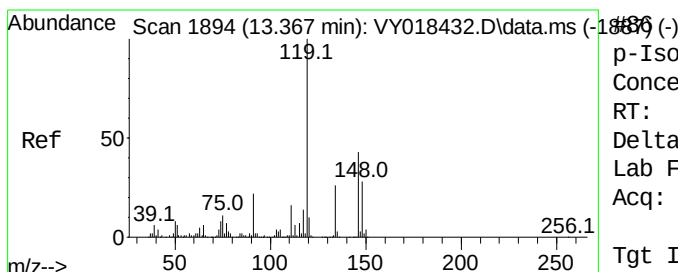
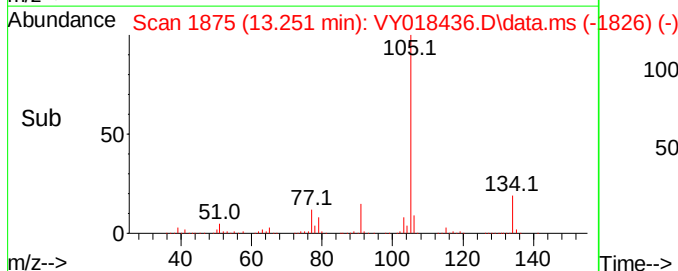
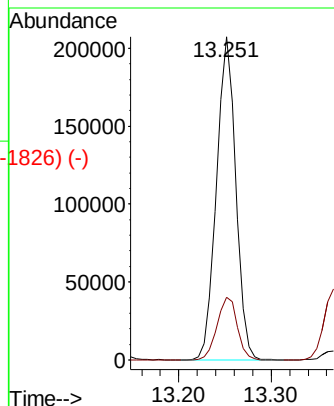
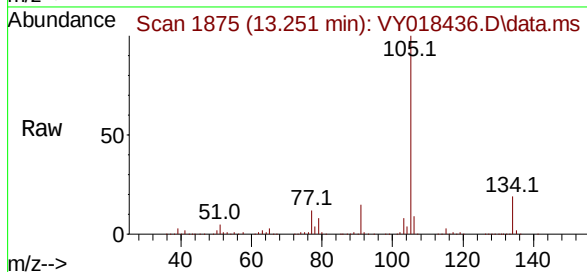
ICVY060324

Tgt Ion:105 Resp: 300654

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



p-Isopropyltoluene

Concen: 47.711 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018436.D

Acq: 03 Jun 2024 13:17

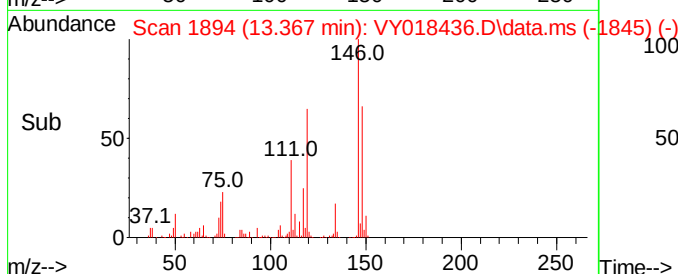
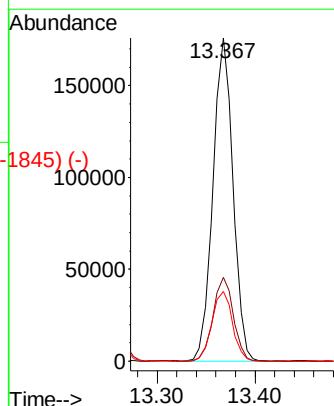
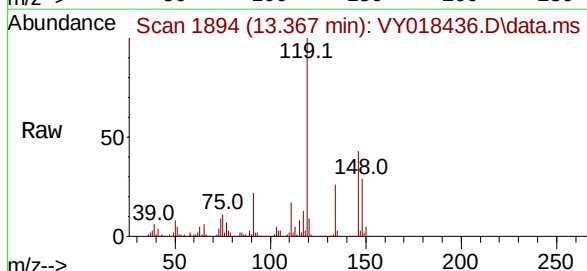
Tgt Ion:119 Resp: 249608

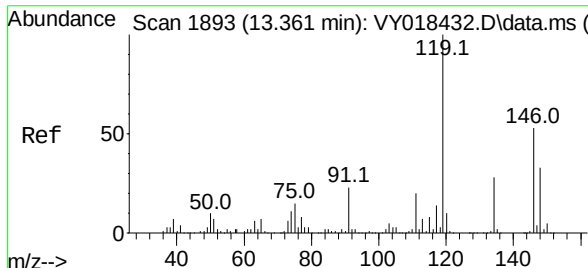
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.1 10.7 32.1

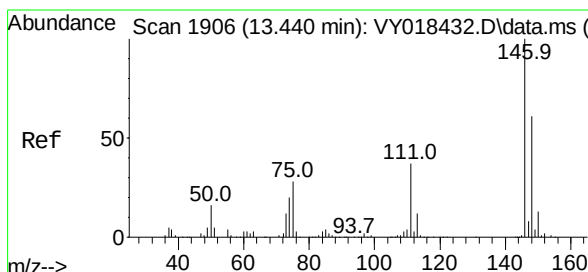
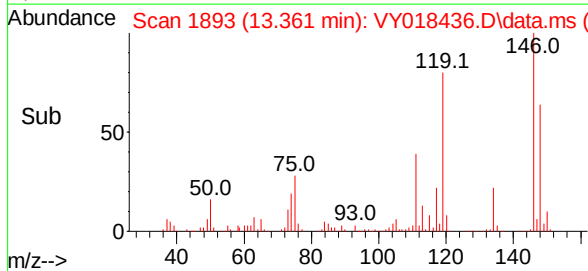
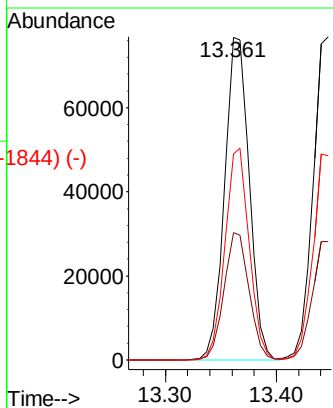
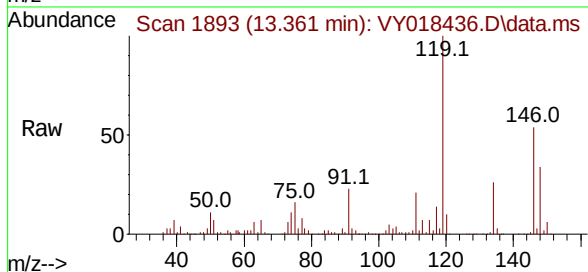




1,3-Dichlorobenzene
Concen: 46.181 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

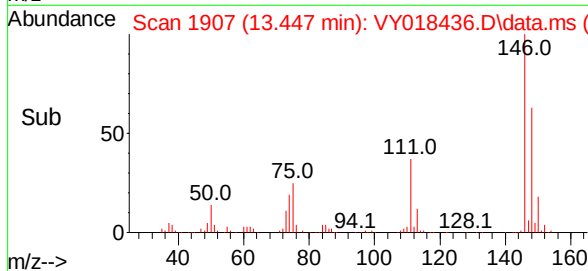
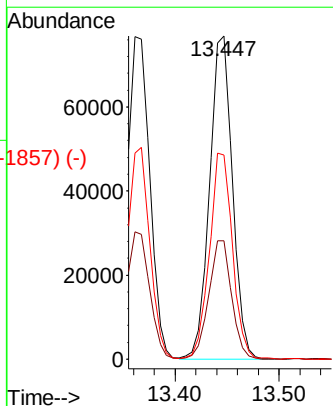
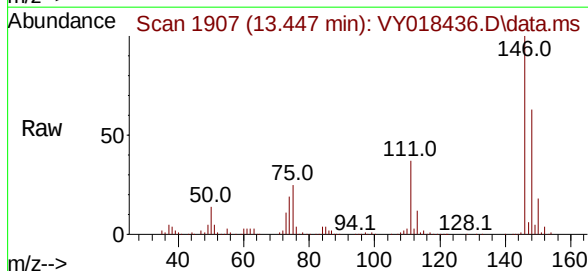
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060324

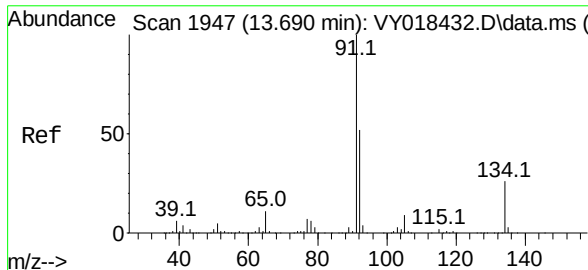
Tgt Ion:	146	Resp:	118207
Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.0	57.0
148	64.5	31.7	95.1



1,4-Dichlorobenzene
Concen: 46.728 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:	146	Resp:	117504
Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.4
148	64.1	32.4	97.2

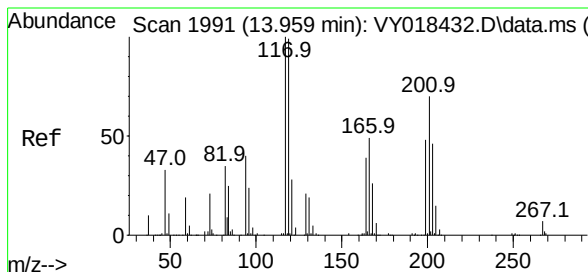
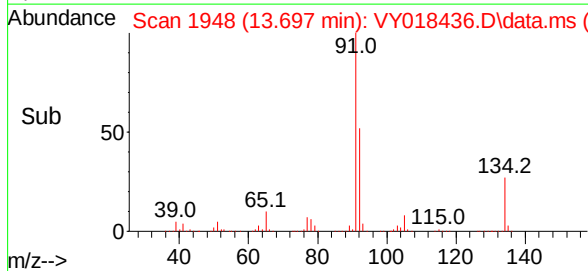
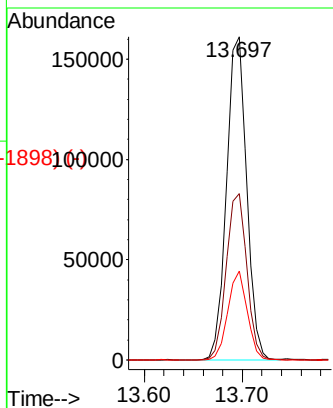
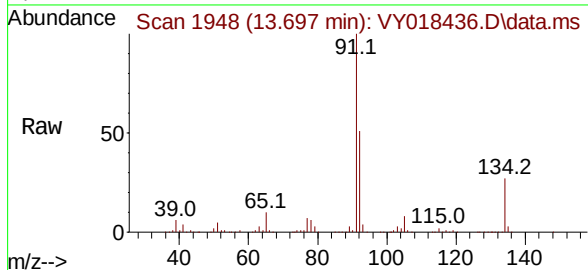




Scan 1947 (13.690 min): VY018432.D\data.ms (-1947)
 n-Butylbenzene
 Concen: 46.424 ug/l
 RT: 13.697 min Scan# 1947
 Delta R.T. 0.006 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

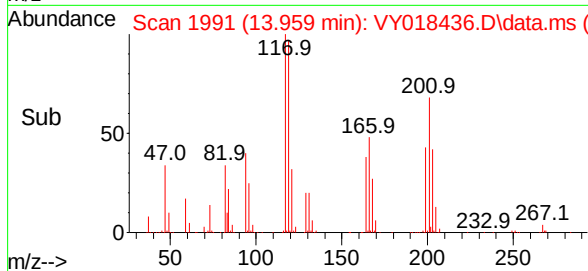
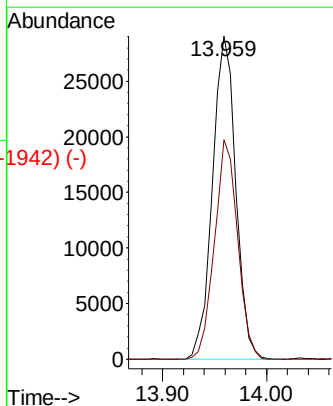
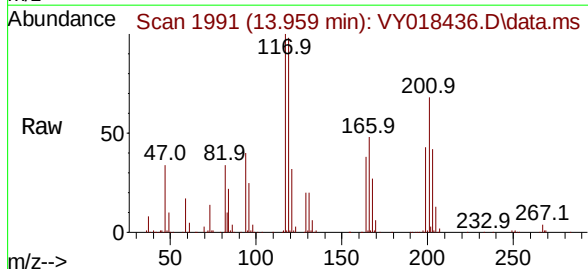
Instrument : MSVOA_Y
 ClientSampleId : VCVY060324

Tgt Ion:	91	Resp:	230797
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	26.4	12.9	38.7

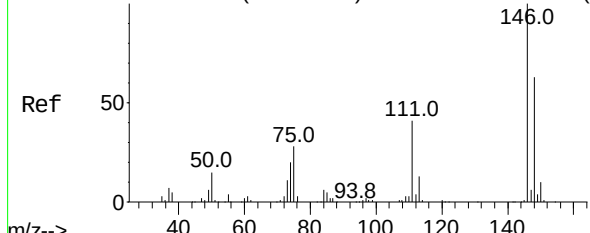


Scan 1991 (13.959 min): VY018432.D\data.ms (-1991)
 Hexachloroethane
 Concen: 46.456 ug/l
 RT: 13.959 min Scan# 1991
 Delta R.T. 0.000 min
 Lab File: VY018436.D
 Acq: 03 Jun 2024 13:17

Tgt Ion:	117	Resp:	45555
Ion	Ratio	Lower	Upper
117	100		
201	67.4	37.4	112.2



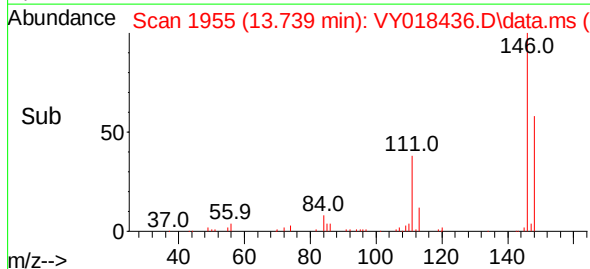
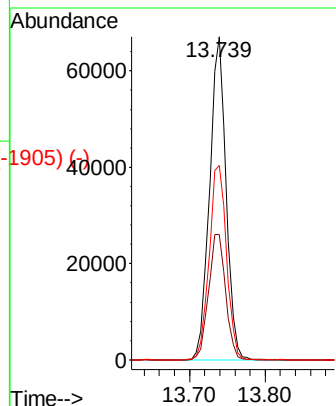
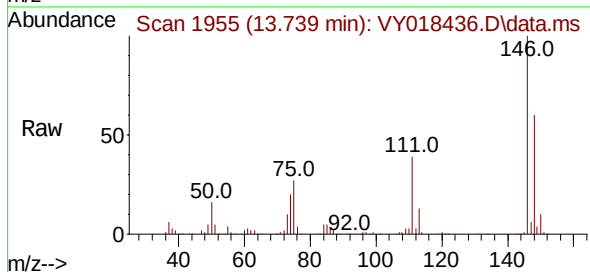
Abundance Scan 1954 (13.733 min): VY018432.D\data.ms (-1905) (-)



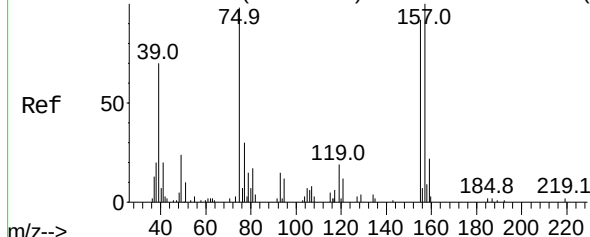
1,2-Dichlorobenzene
Concen: 45.644 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060324

Tgt Ion:	146	Resp:	101665
Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.9	59.7
148	63.6	31.8	95.4

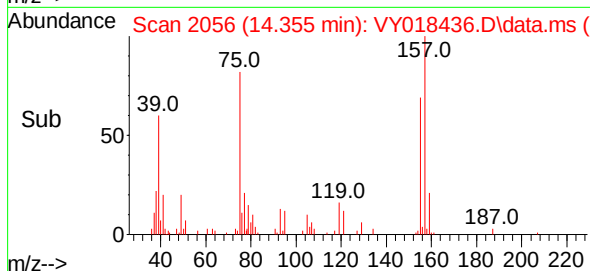
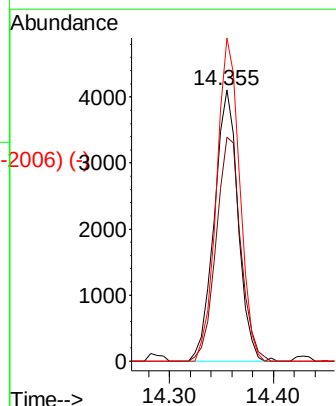
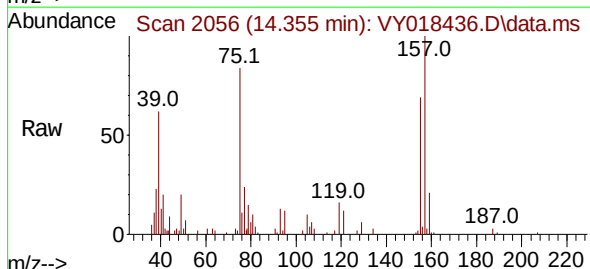


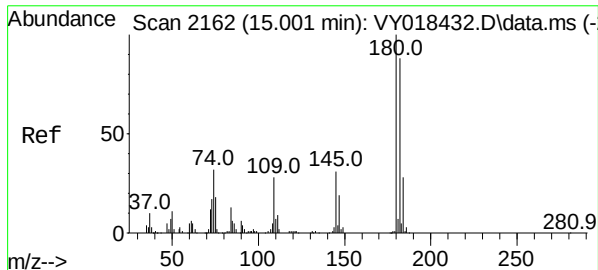
Abundance Scan 2055 (14.349 min): VY018432.D\data.ms (-2006) (-)



1,2-Dibromo-3-Chloropropane
Concen: 39.954 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:	75	Resp:	6541
Ion	Ratio	Lower	Upper
75	100		
155	85.7	48.6	145.8
157	116.0	62.7	188.2

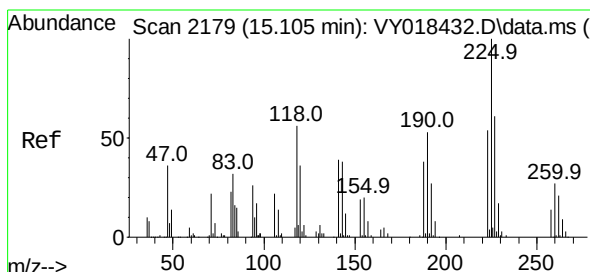
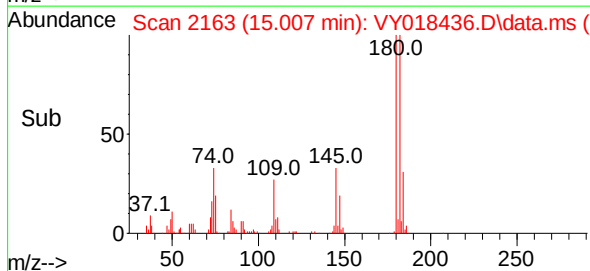
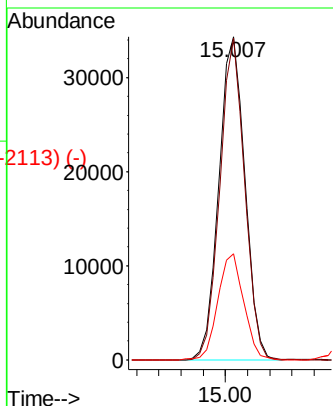
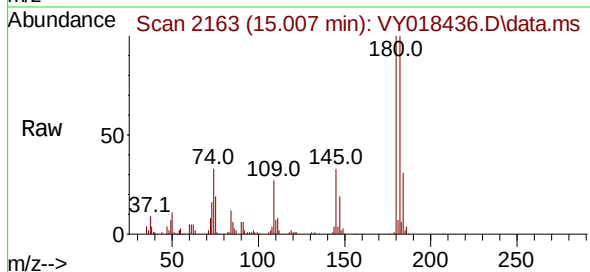




1,2,4-Trichlorobenzene
Concen: 46.407 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

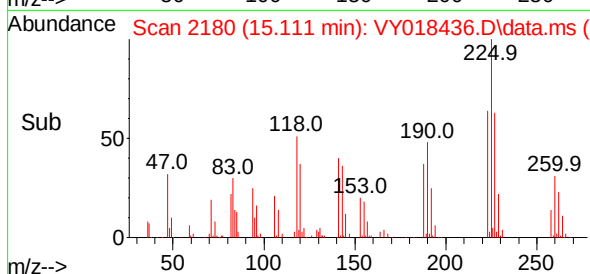
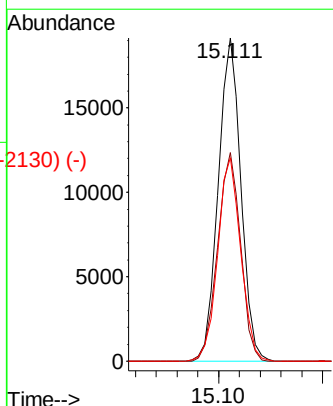
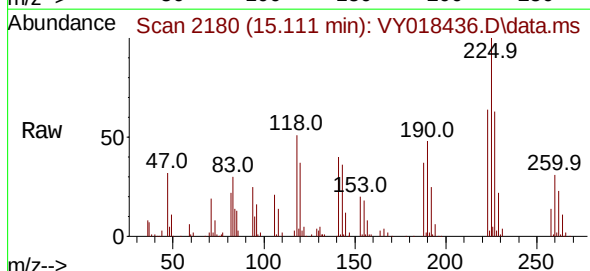
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060324

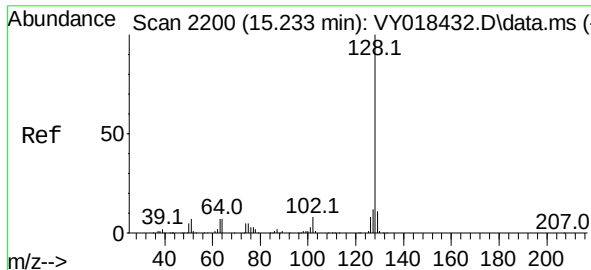
Tgt Ion:	180	Resp:	55903
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.8
145	32.7	14.2	42.6



Hexachlorobutadiene
Concen: 45.708 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:	225	Resp:	29243
Ion	Ratio	Lower	Upper
225	100		
223	65.2	30.4	91.2
227	63.8	31.9	95.9

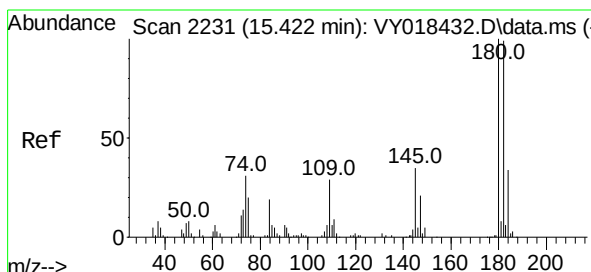
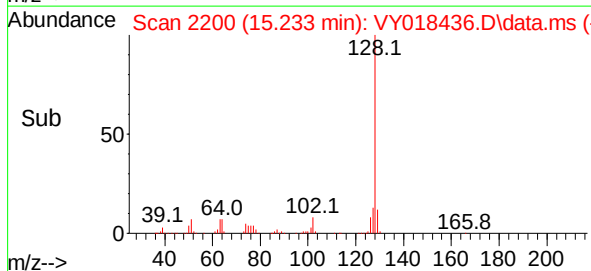
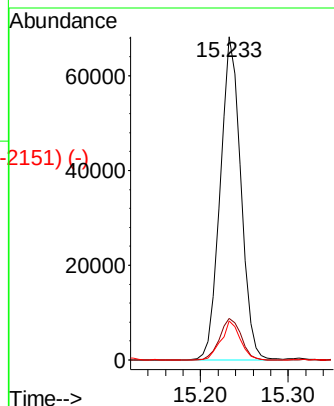
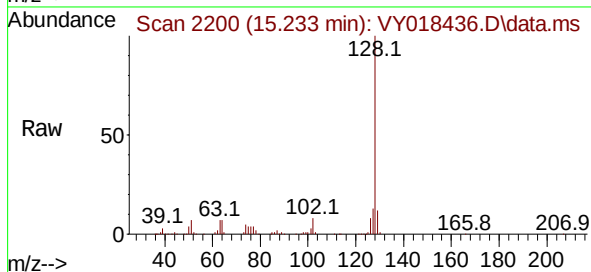




Naphthalene
Concen: 46.153 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060324

Tgt Ion:	128	Resp:	111660
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.1	8.6	13.0



1,2,3-Trichlorobenzene
Concen: 44.807 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY018436.D
Acq: 03 Jun 2024 13:17

Tgt Ion:	180	Resp:	45668
Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.6	142.9
145	34.3	15.4	46.1

