

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021146.D
 Acq On : 07 Feb 2025 17:46
 Operator : SY/MD
 Sample : Q1287-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-A

Quant Time: Feb 08 02:44:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

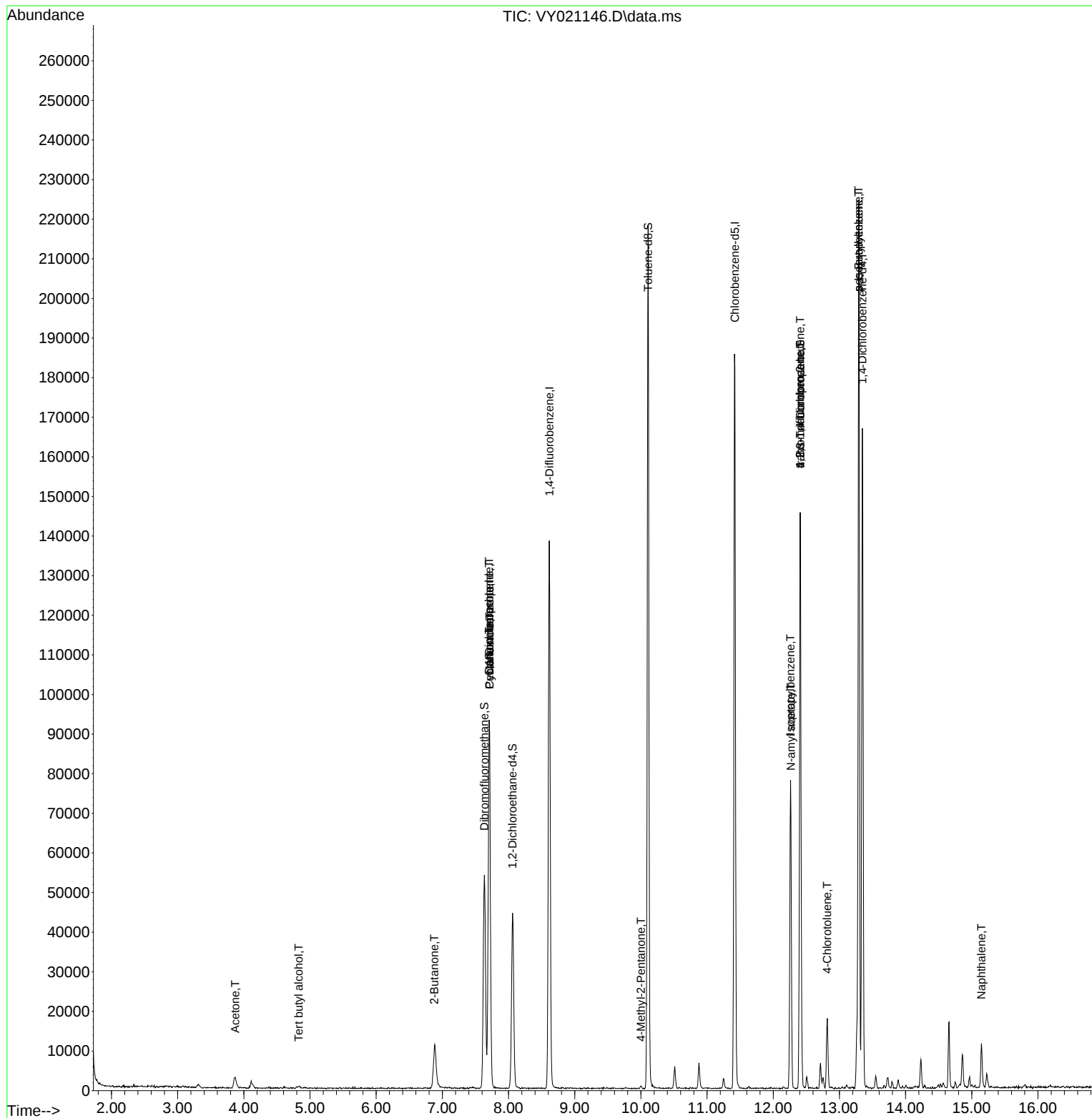
Internal Standards						
1) Pentafluorobenzene	7.713	168	70224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	115555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	97244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	36406	50.599	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.200%			
35) Dibromofluoromethane	7.634	113	38253	51.655	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.300%			
50) Toluene-d8	10.109	98	137728	48.851	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.700%			
62) 4-Bromofluorobenzene	12.407	95	41445	44.997	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.000%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.830	59	578	11.855	ug/l #	75
16) Acetone	3.872	43	5034	44.864	ug/l	97
25) 2-Butanone	6.878	43	470	2.549	ug/l #	48
31) Cyclohexane	7.713	56	1630	1.328	ug/l #	46
36) 1,1-Dichloropropene	7.707	75	5800	5.288	ug/l #	50
38) Carbon Tetrachloride	7.707	117	7463	5.823	ug/l #	16
51) 4-Methyl-2-Pentanone	9.999	43	547	1.138	ug/l	91
73) Isopropylbenzene	12.261	105	3396	1.077	ug/l #	65
74) N-amyl acetate	12.267	43	1521	2.206	ug/l #	12
76) 1,2,3-Trichloropropane	12.407	75	22597	61.707	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	22597	125.912	ug/l #	12
82) 4-Chlorotoluene	12.816	91	2341	1.068	ug/l #	41
85) sec-Butylbenzene	13.291	105	4930	1.474	ug/l #	1
86) p-Isopropyltoluene	13.291	119	111656	40.182	ug/l	98
95) Naphthalene	15.145	128	8403	7.737	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
Data File : VY021146.D
Acq On : 07 Feb 2025 17:46
Operator : SY/MD
Sample : Q1287-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

Quant Time: Feb 08 02:44:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

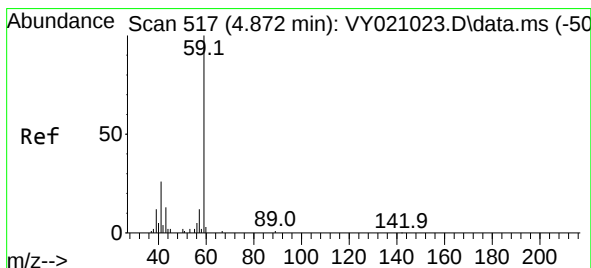
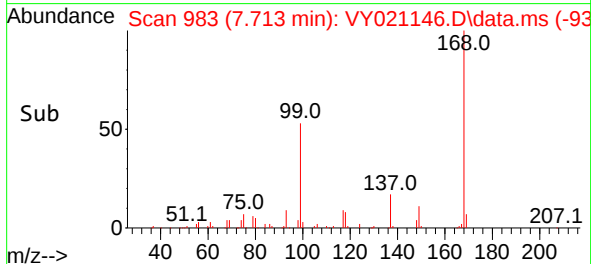
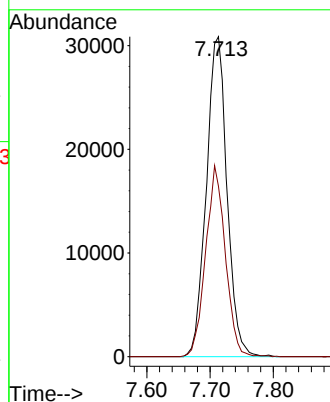
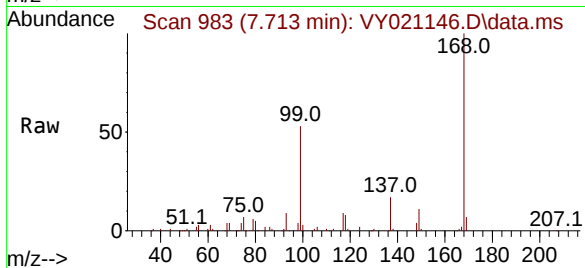




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

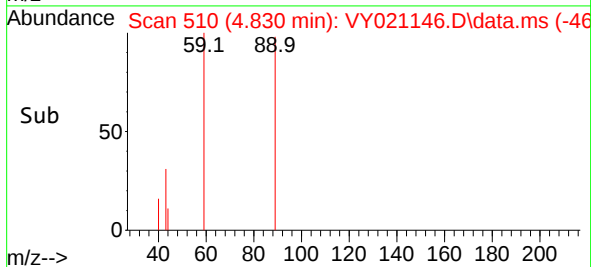
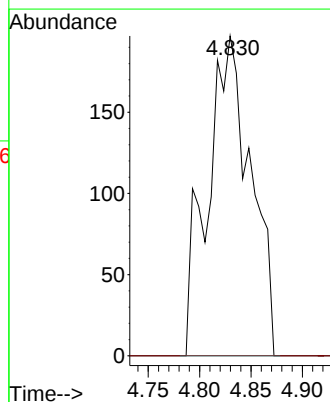
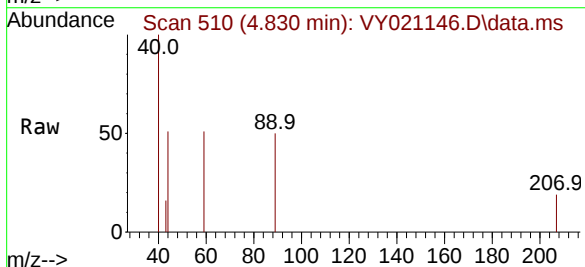
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

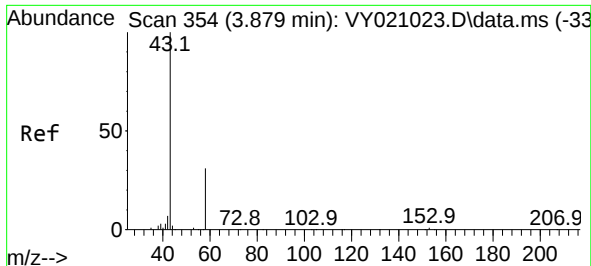
Tgt Ion:168 Resp: 70224
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 11.855 ug/l
RT: 4.830 min Scan# 510
Delta R.T. -0.043 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 59 Resp: 578
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

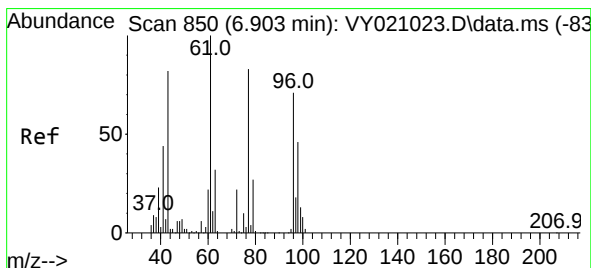
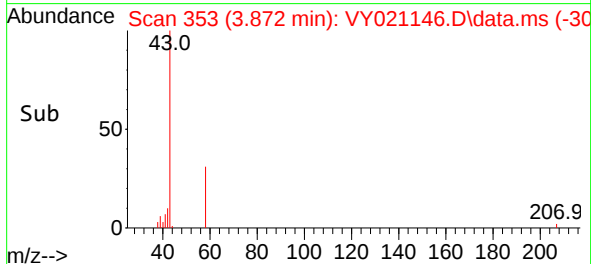
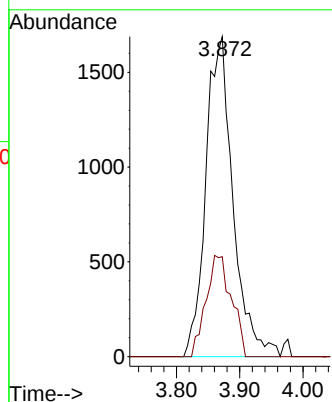
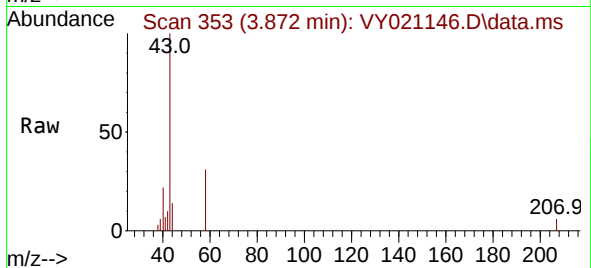




#16
Acetone
Concen: 44.864 ug/l
RT: 3.872 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

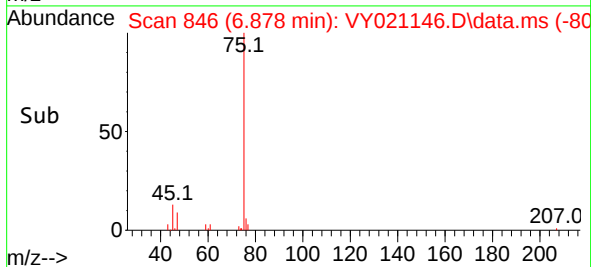
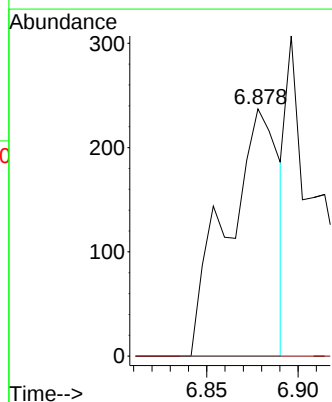
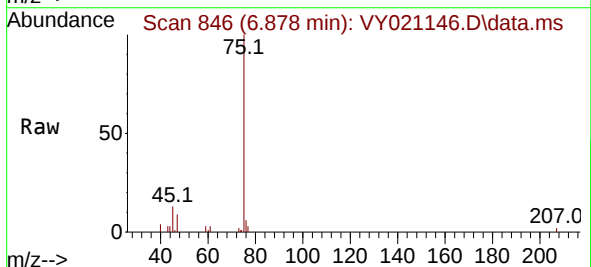
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

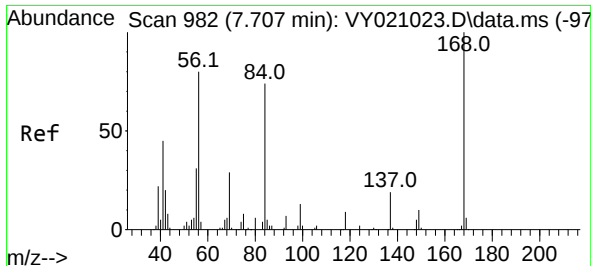
Tgt Ion: 43 Resp: 5034
Ion Ratio Lower Upper
43 100
58 31.2 26.6 39.8



#25
2-Butanone
Concen: 2.549 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.025 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#

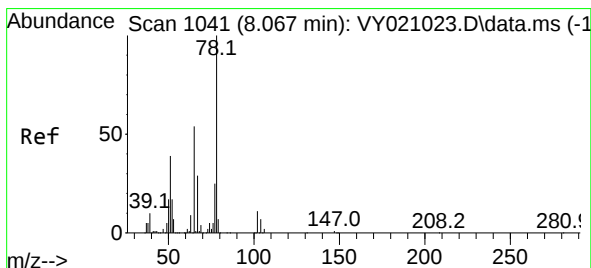
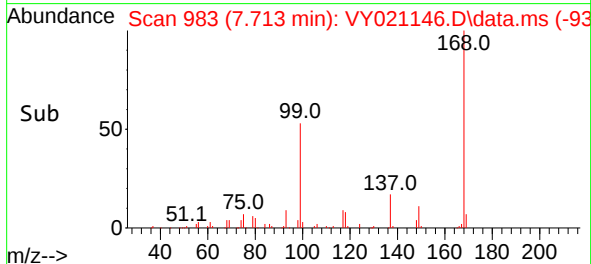
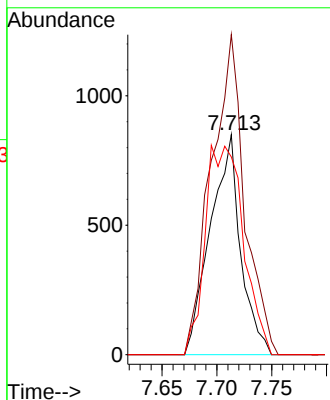
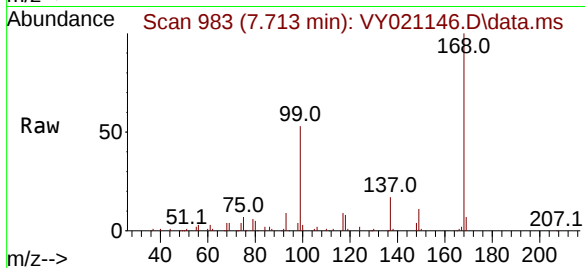




#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

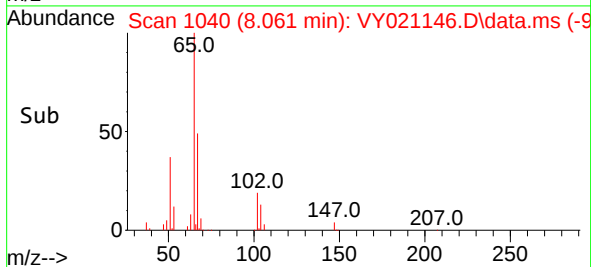
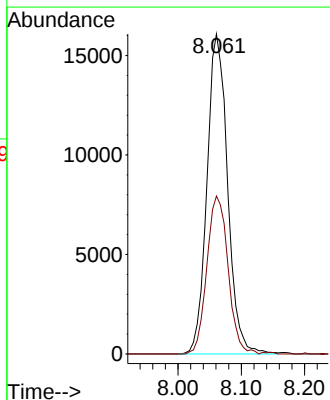
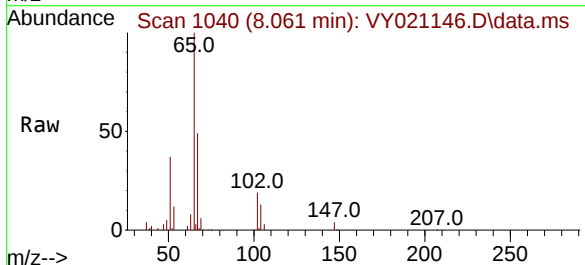
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

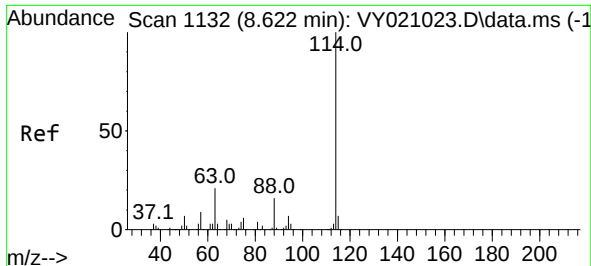
Tgt Ion: 56 Resp: 1630
Ion Ratio Lower Upper
56 100
69 145.4 27.0 40.6#
84 89.9 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 50.599 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 65 Resp: 36406
Ion Ratio Lower Upper
65 100
67 50.6 0.0 109.0

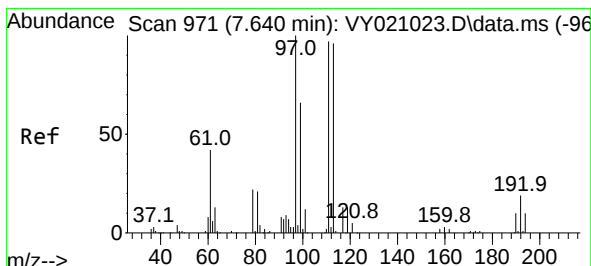
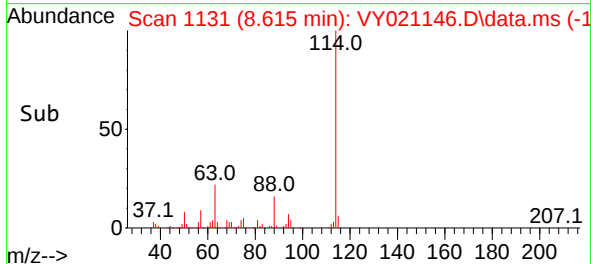
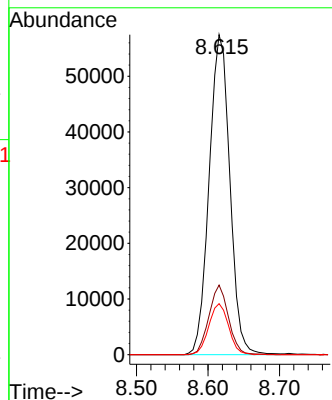
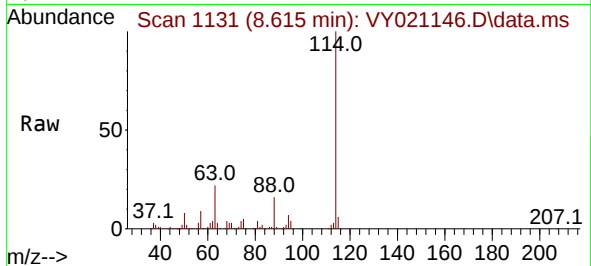




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

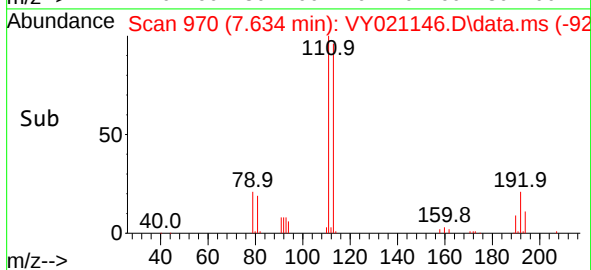
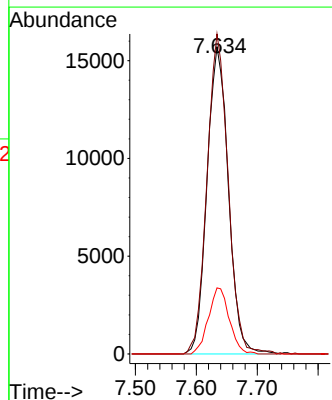
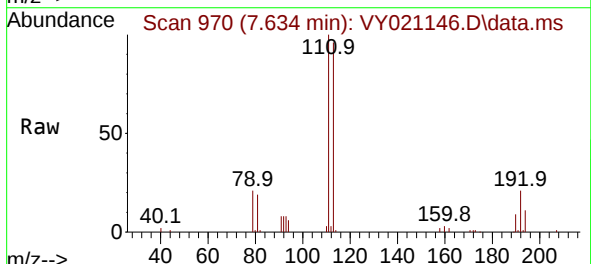
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

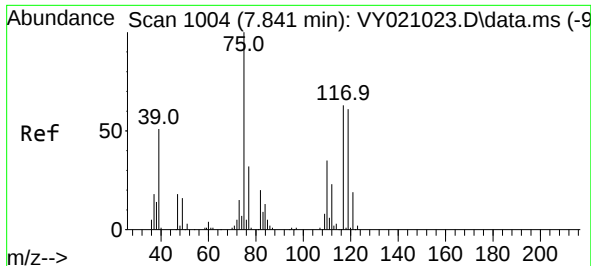
Tgt Ion:114 Resp: 115555
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.4
88 15.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.655 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion:113 Resp: 38253
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 21.0 14.5 21.7

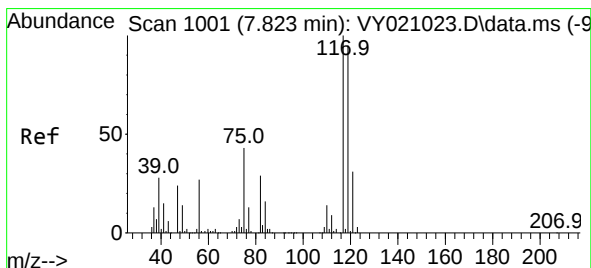
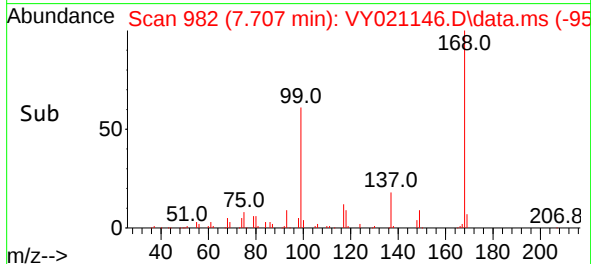
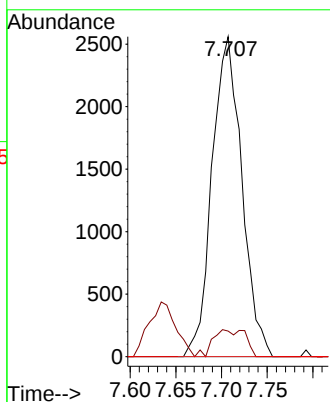
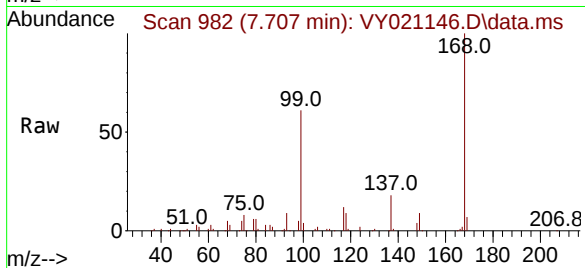




#36
1,1-Dichloropropene
Concen: 5.288 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

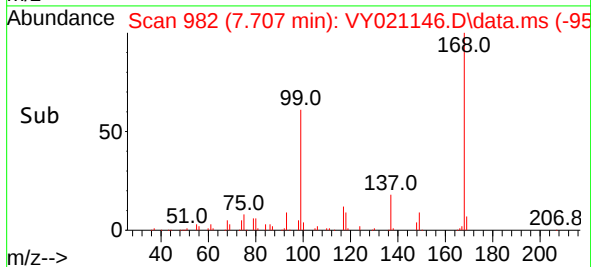
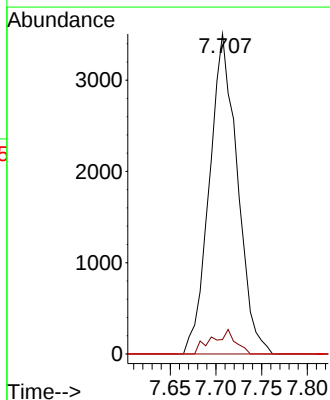
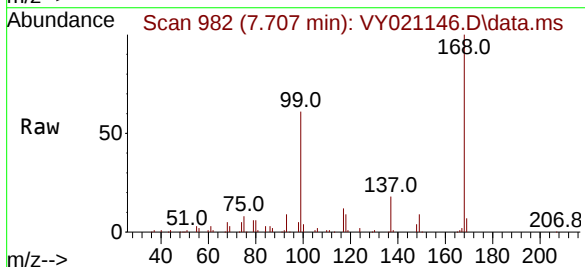
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

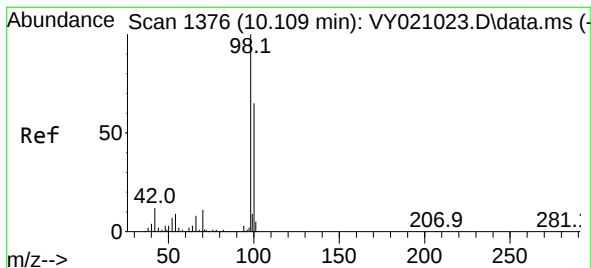
Tgt Ion: 75 Resp: 5800
Ion Ratio Lower Upper
75 100
110 9.2 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.823 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 117 Resp: 7463
Ion Ratio Lower Upper
117 100
119 4.5 76.0 114.0#
121 0.0 24.2 36.2#

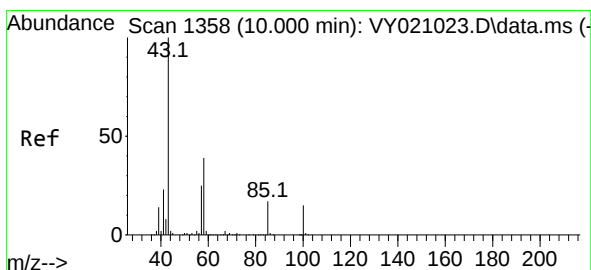
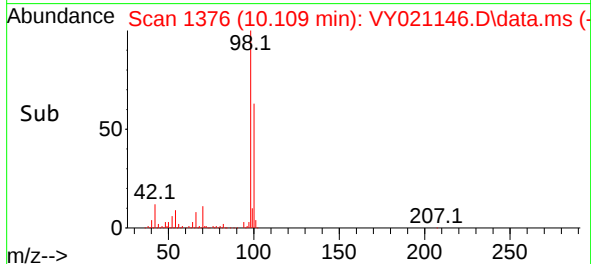
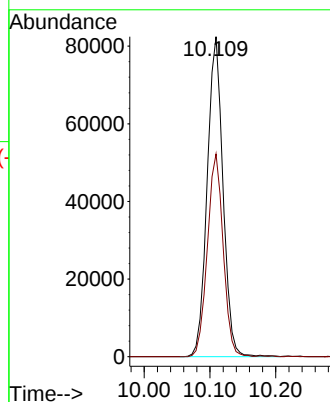
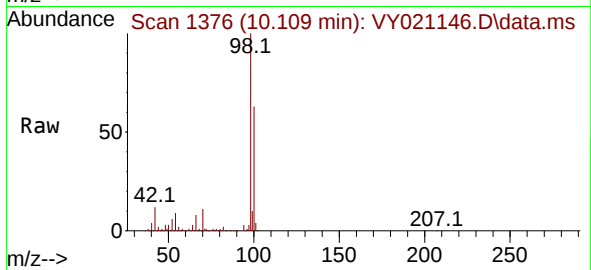




#50
Toluene-d8
Concen: 48.851 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

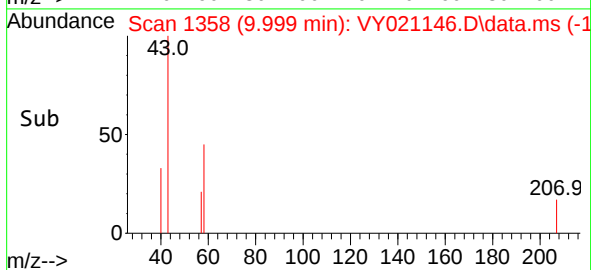
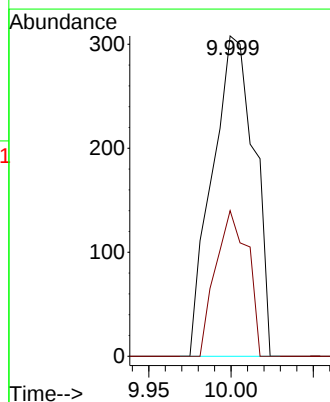
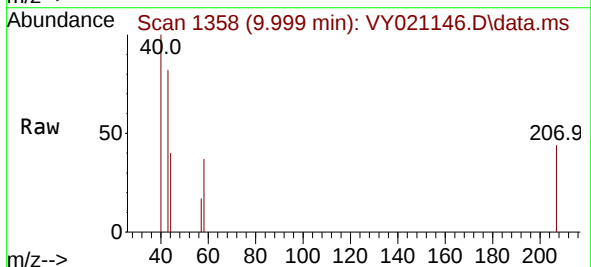
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

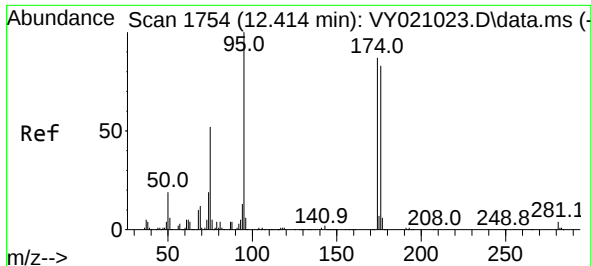
Tgt Ion: 98 Resp: 137728
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.138 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 34.9 32.2 48.2

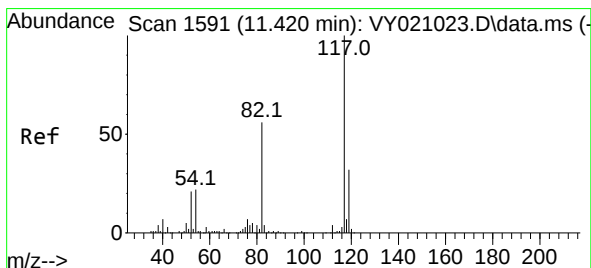
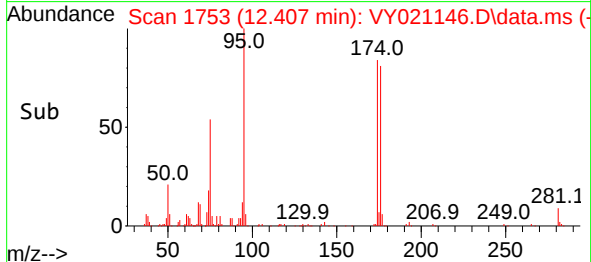
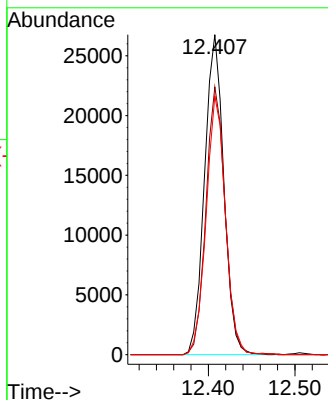
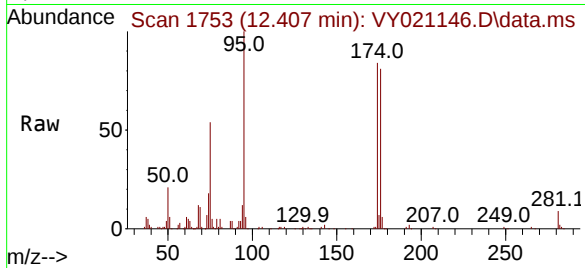




#62
4-Bromofluorobenzene
Concen: 44.997 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

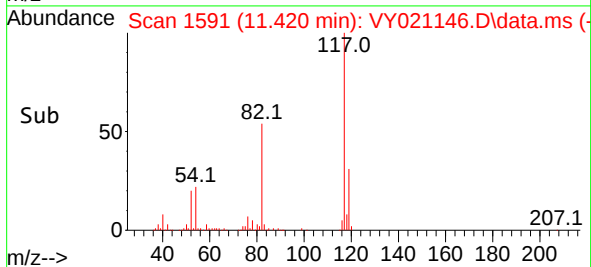
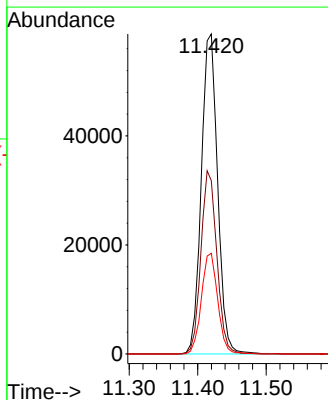
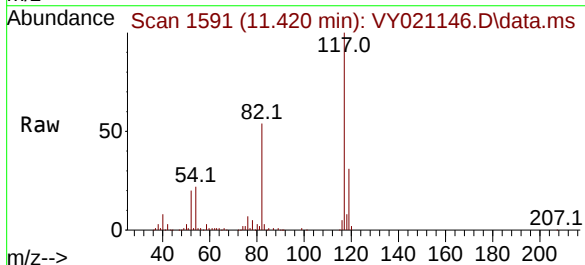
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

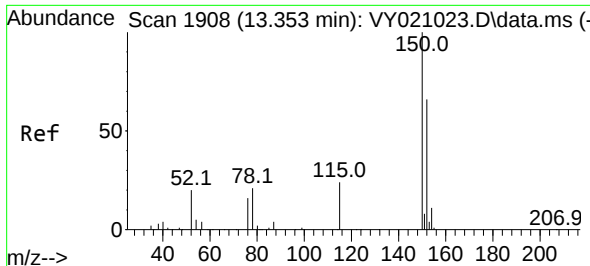
Tgt Ion: 95 Resp: 41445
Ion Ratio Lower Upper
95 100
174 83.1 0.0 160.0
176 81.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 117 Resp: 97244
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 31.5 26.5 39.7

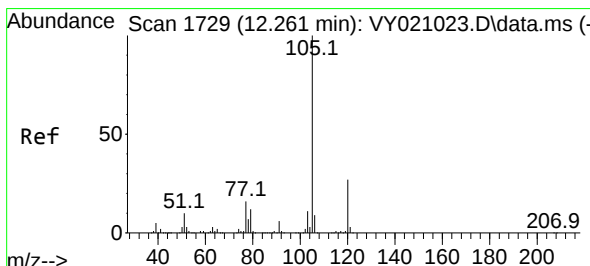
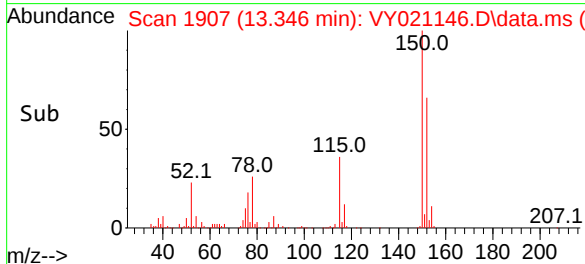
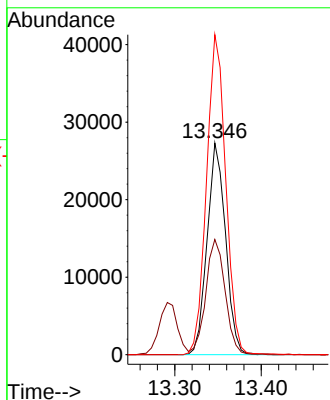
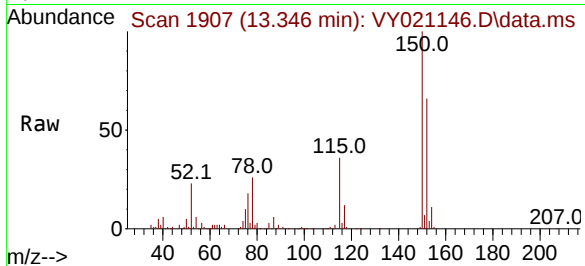




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021146.D
 Acq: 07 Feb 2025 17:46

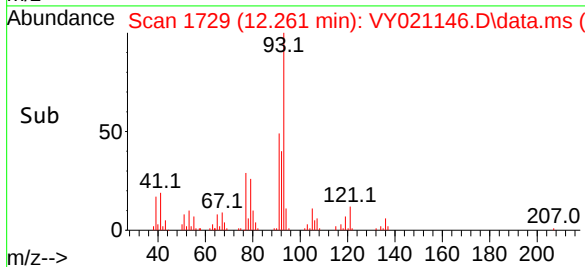
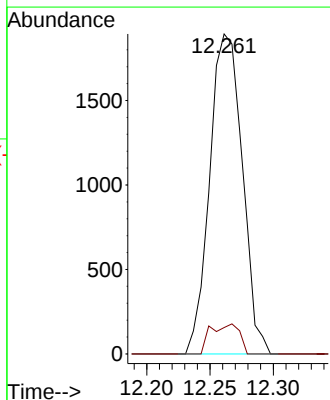
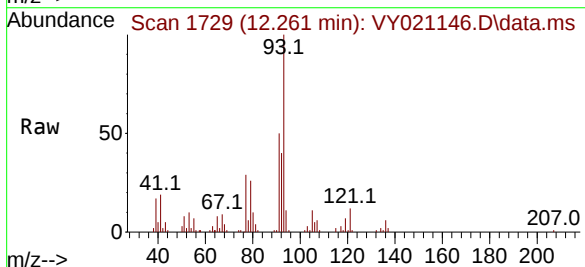
Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-A

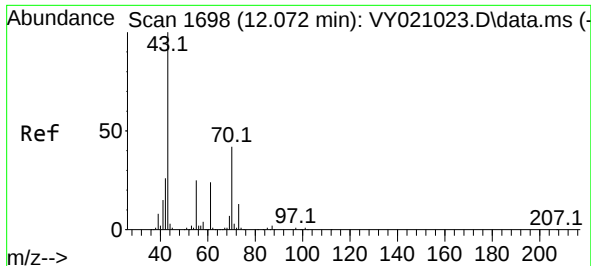
Tgt Ion:152 Resp: 40369
 Ion Ratio Lower Upper
 152 100
 115 57.1 30.0 90.0
 150 157.7 0.0 344.6



#73
 Isopropylbenzene
 Concen: 1.077 ug/l
 RT: 12.261 min Scan# 1729
 Delta R.T. -0.000 min
 Lab File: VY021146.D
 Acq: 07 Feb 2025 17:46

Tgt Ion:105 Resp: 3396
 Ion Ratio Lower Upper
 105 100
 120 8.3 13.0 39.0#

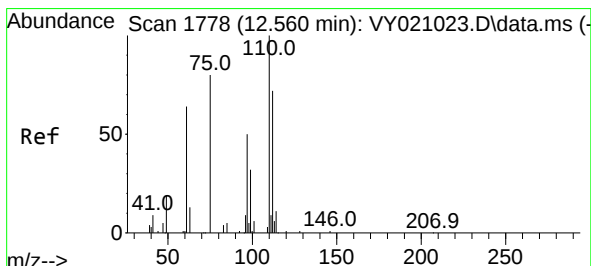
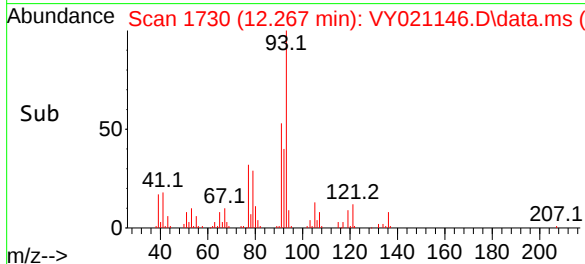
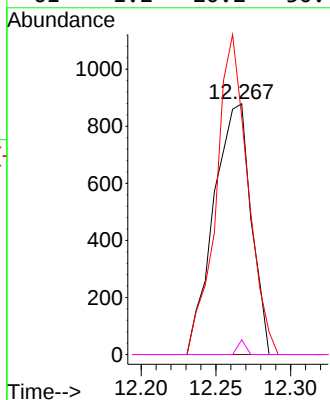
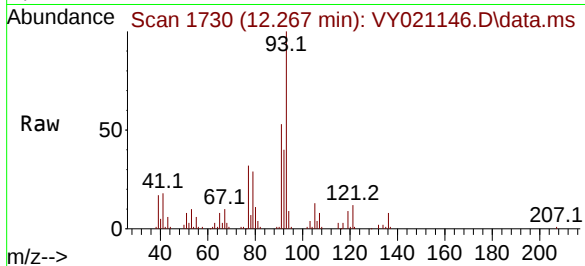




#74
N-amy1 acetate
Concen: 2.206 ug/l
RT: 12.267 min Scan# 1753
Delta R.T. 0.195 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

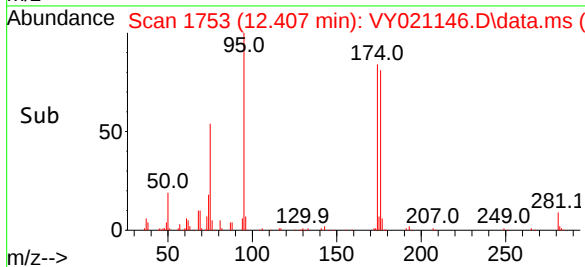
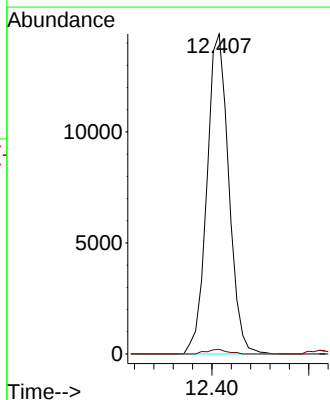
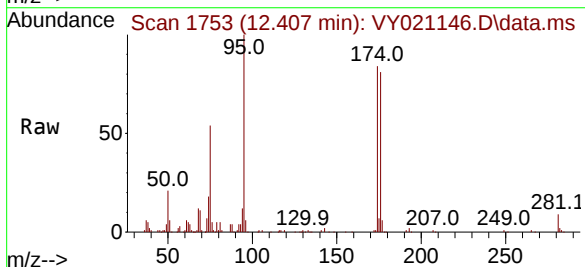
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

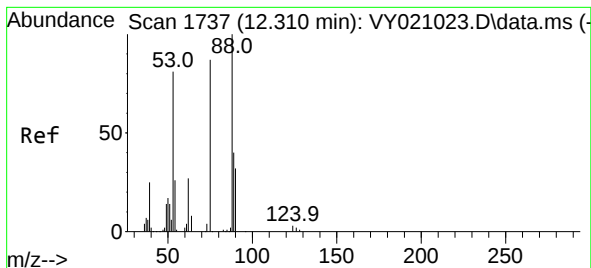
Tgt Ion: 43	Resp: 1521
Ion Ratio	Lower Upper
43 100	
70 0.0	36.6 55.0#
55 109.1	22.2 33.4#
61 1.2	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 61.707 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 75	Resp: 22597
Ion Ratio	Lower Upper
75 100	
77 1.4	0.0 0.0#

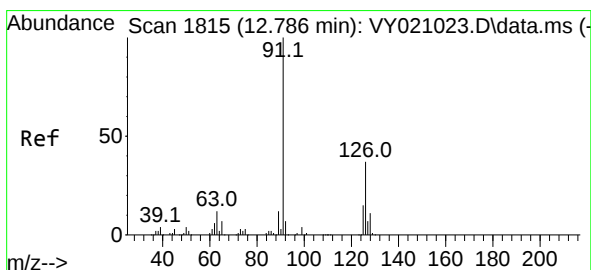
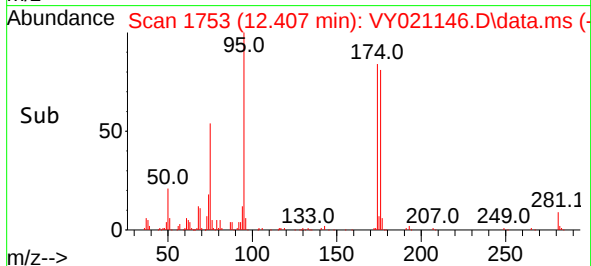
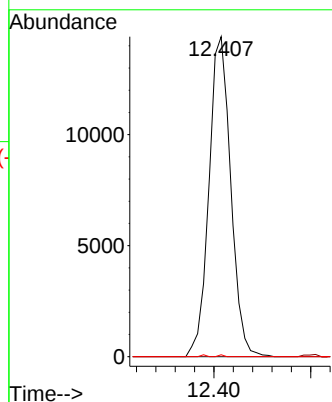
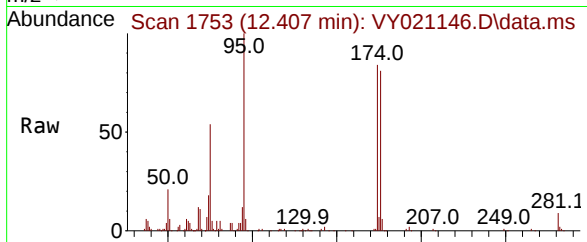




#81
trans-1,4-Dichloro-2-butene
Concen: 125.912 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

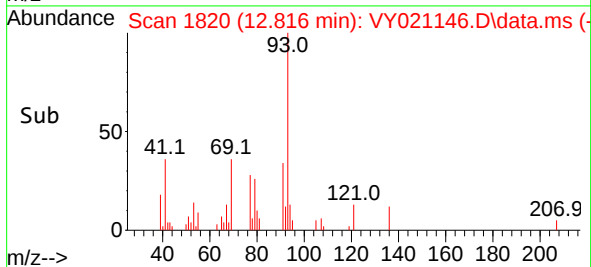
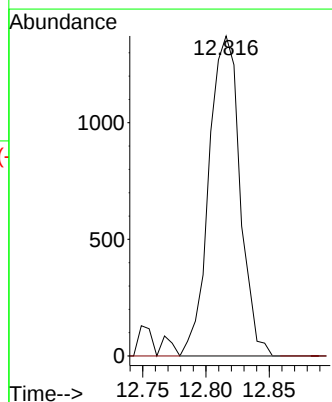
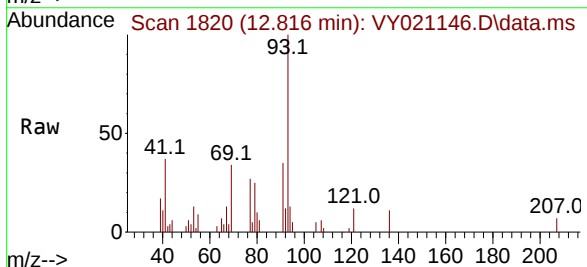
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

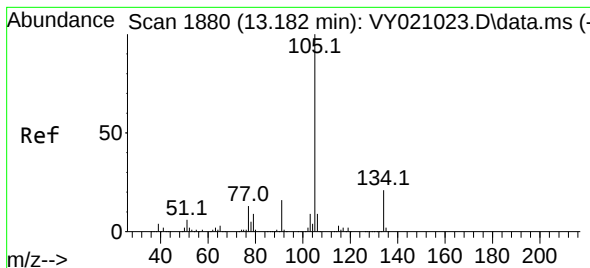
Tgt Ion: 75 Resp: 22597
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#82
4-Chlorotoluene
Concen: 1.068 ug/l
RT: 12.816 min Scan# 1820
Delta R.T. 0.030 min
Lab File: VY021146.D
Acq: 07 Feb 2025 17:46

Tgt Ion: 91 Resp: 2341
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#





#85

sec-Butylbenzene

Concen: 1.474 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.109 min

Lab File: VY021146.D

Acq: 07 Feb 2025 17:46

Instrument :

MSVOA_Y

ClientSampleId :

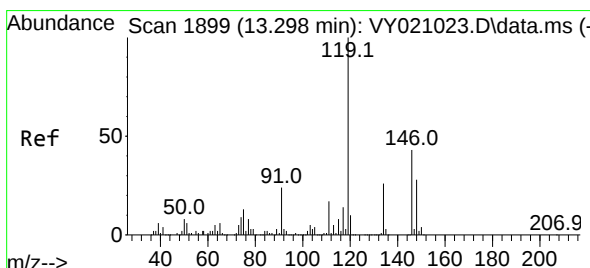
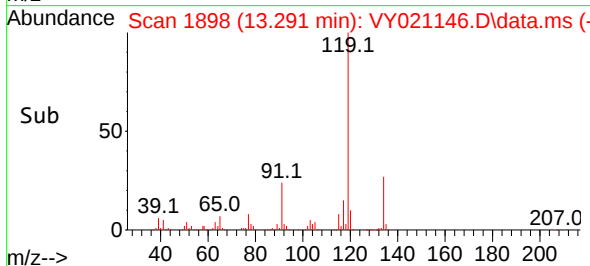
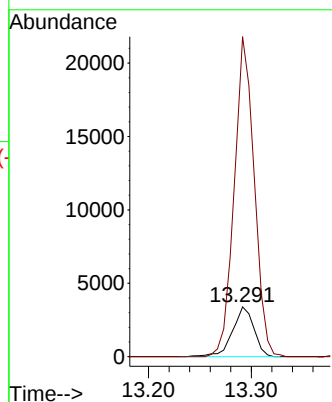
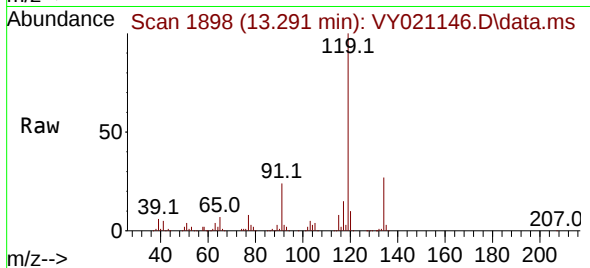
BAY-DRUMS-A

Tgt Ion:105 Resp: 4930

Ion Ratio Lower Upper

105 100

134 599.2 9.7 28.9#



#86

p-Isopropyltoluene

Concen: 40.182 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021146.D

Acq: 07 Feb 2025 17:46

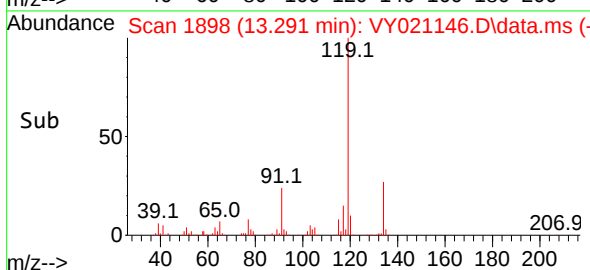
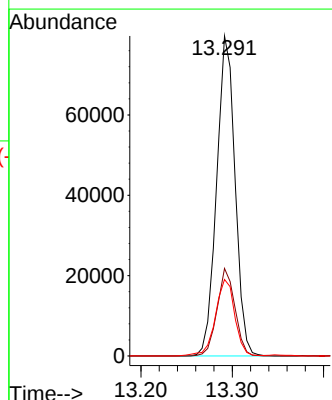
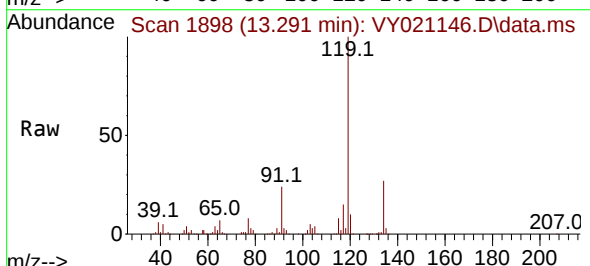
Tgt Ion:119 Resp: 111656

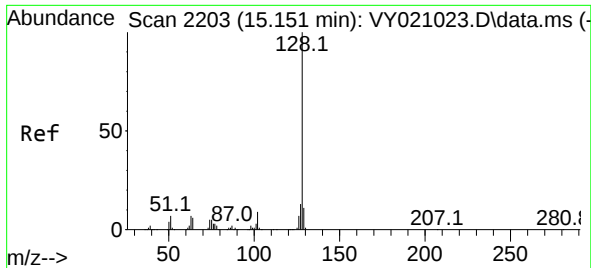
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 25.1 11.7 35.0





#95

Naphthalene

Concen: 7.737 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021146.D

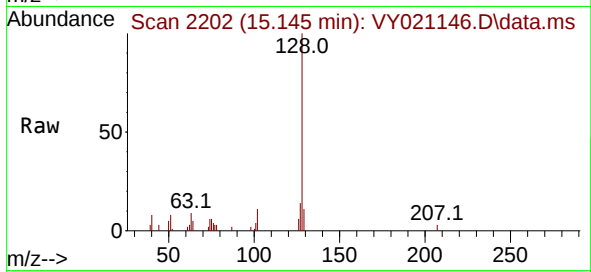
Acq: 07 Feb 2025 17:46

Instrument :

MSVOA_Y

ClientSampleId :

BAY-DRUMS-A



Tgt Ion:128 Resp: 8403

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 12.4 8.6 12.8

