

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018003.D
 Acq On : 19 Apr 2024 16:58
 Operator : SY/MD
 Sample : P2194-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-041824

Quant Time: Apr 19 23:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

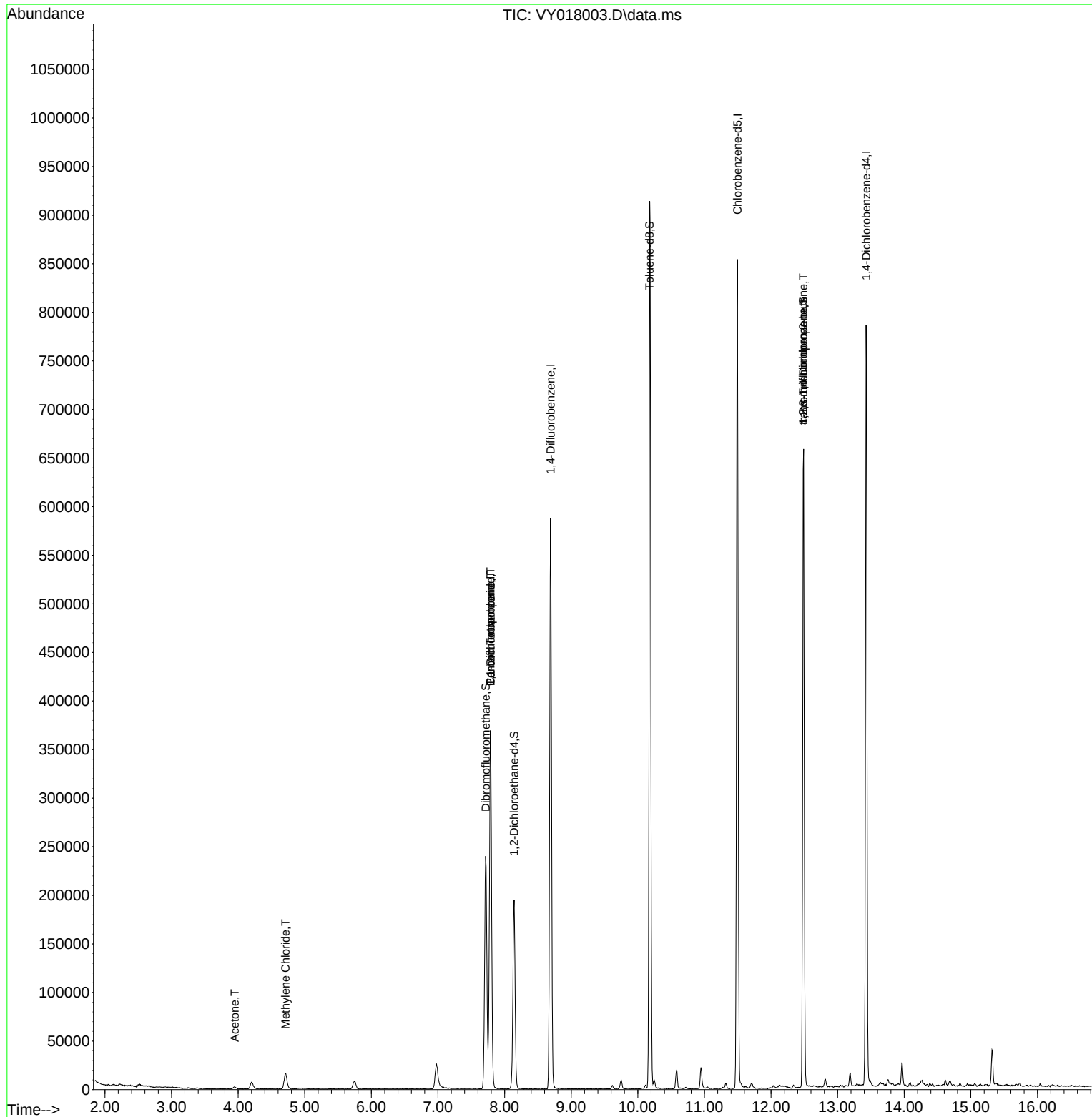
Internal Standards						
1) Pentafluorobenzene	7.789	168	318957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	544009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	514639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	221141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	147574	53.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.94%			
35) Dibromofluoromethane	7.716	113	174370	51.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.90%			
50) Toluene-d8	10.179	98	627723	49.29	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.58%			
62) 4-Bromofluorobenzene	12.483	95	192487	48.80	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.60%			
Target Compounds						
11) Tert butyl alcohol	4.917	59	548	Below Cal	#	88
16) Acetone	3.948	43	3933	7.21	ug/l #	79
20) Methylene Chloride	4.710	84	13356	3.61	ug/l #	86
36) 1,1-Dichloropropene	7.789	75	19672	4.03	ug/l #	49
38) Carbon Tetrachloride	7.789	117	27326	5.54	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	91571	44.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91571	90.98	ug/l #	16

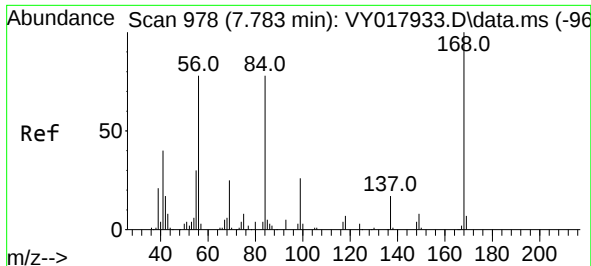
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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CL-01-041824

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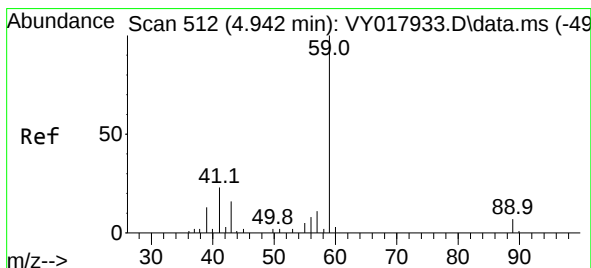
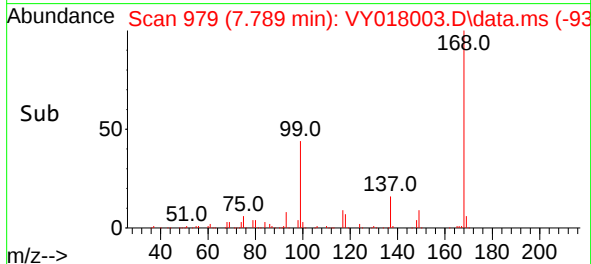
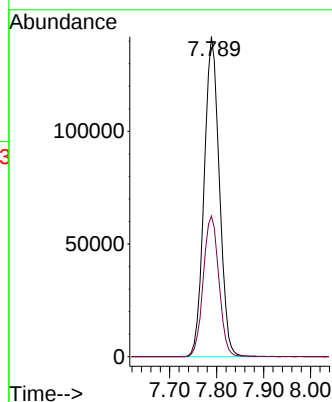
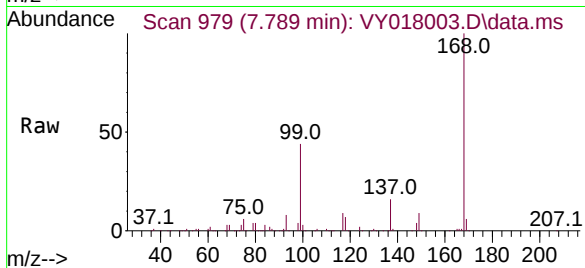




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

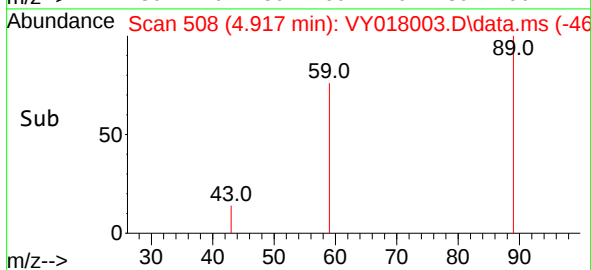
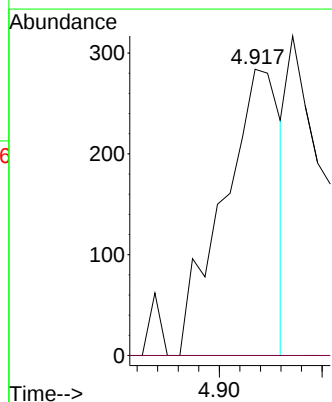
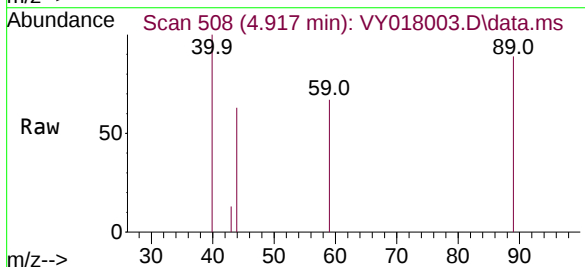
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-041824

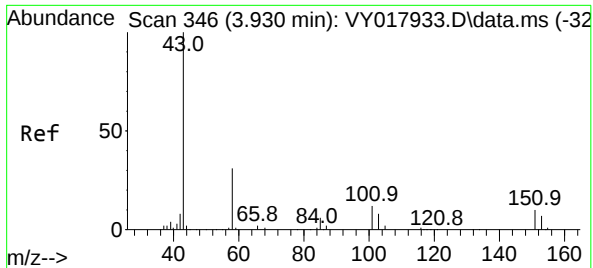
Tgt Ion:168 Resp: 318957
Ion Ratio Lower Upper
168 100
99 44.0 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

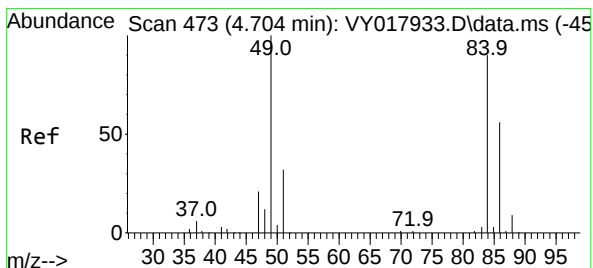
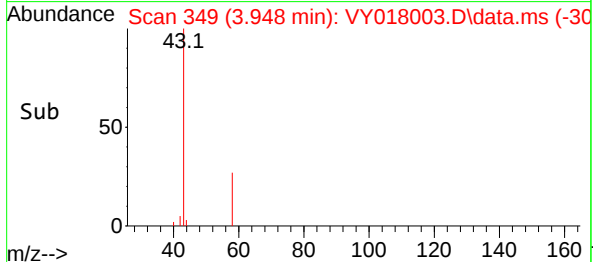
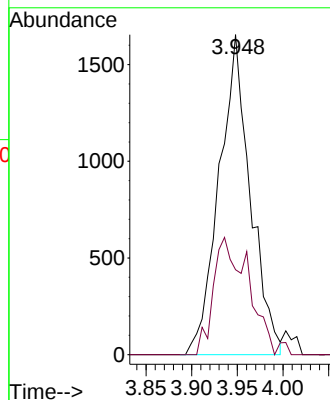
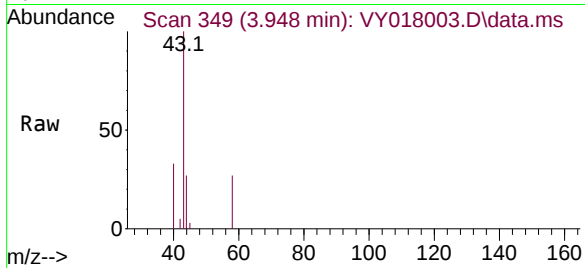
Tgt Ion: 59 Resp: 548
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





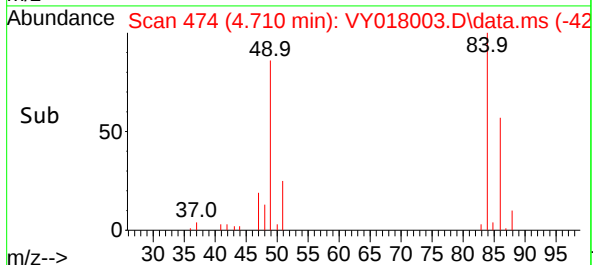
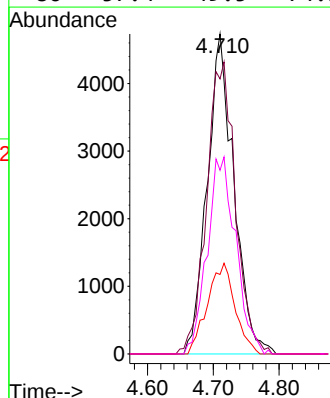
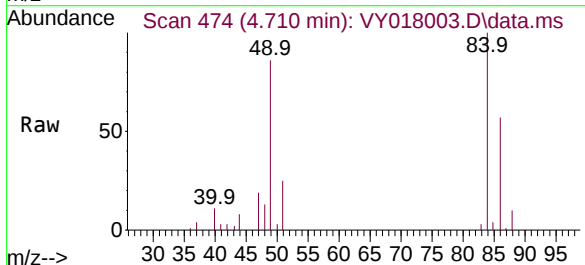
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#16
Acetone
Concen:      7.21 ug/l
RT:   3.948 min Scan# 34
Delta R.T.   0.000 min
Lab File:    VY018003.D
Acq: 19 Apr 2024 16:58
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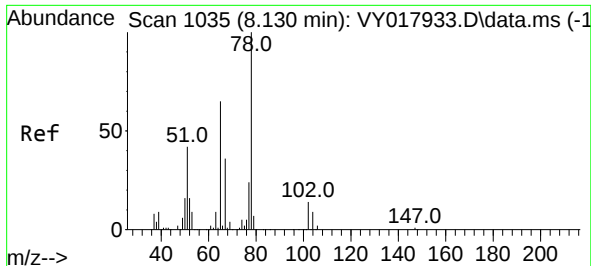
Tgt	Ion: 43	Resp:	3933
Ion	Ratio	Lower	Upper
43	100		
58	26.5	31.7	47.5#



```
#20
Methylene Chloride
Concen:      3.61 ug/l
RT:    4.710 min Scan# 474
Delta R.T.  -0.006 min
Lab File:    VY018003.D
Acq: 19 Apr 2024 16:58
```

Tgt	Ion: 84	Resp:	13356
Ion	Ratio	Lower	Upper
84	100		
49	85.9	84.4	126.6
51	24.9	26.0	39.0#
86	57.4	49.5	74.3





#33

1,2-Dichloroethane-d4

Concen: 53.47 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018003.D

Acq: 19 Apr 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

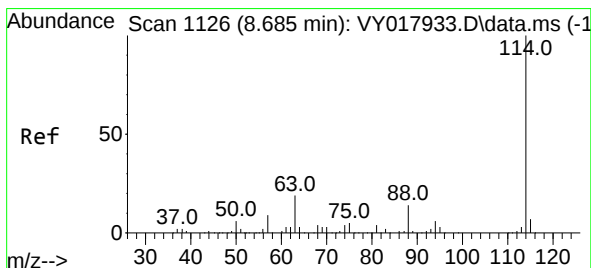
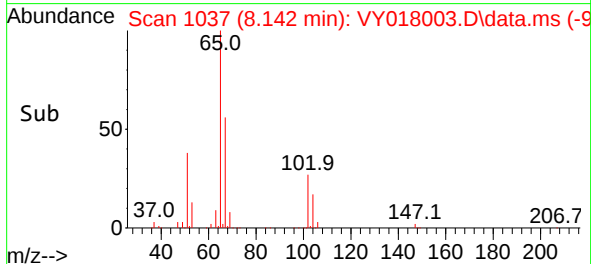
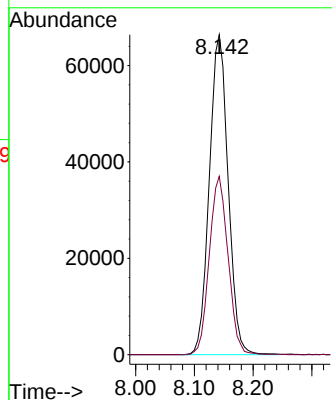
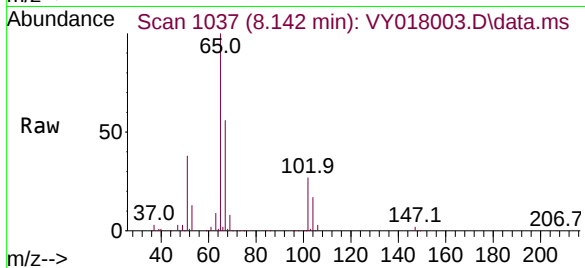
CL-01-041824

Tgt Ion: 65 Resp: 147574

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018003.D

Acq: 19 Apr 2024 16:58

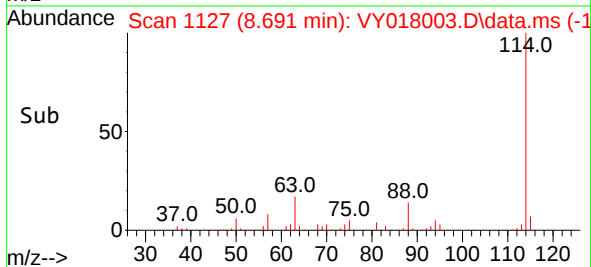
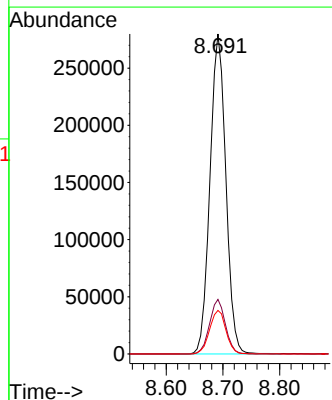
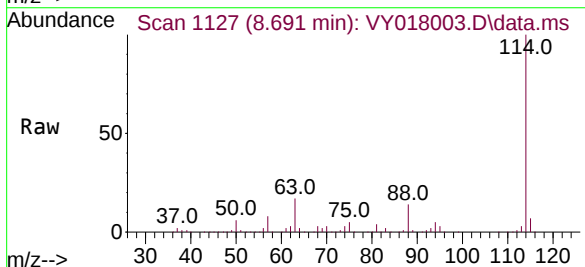
Tgt Ion: 114 Resp: 544009

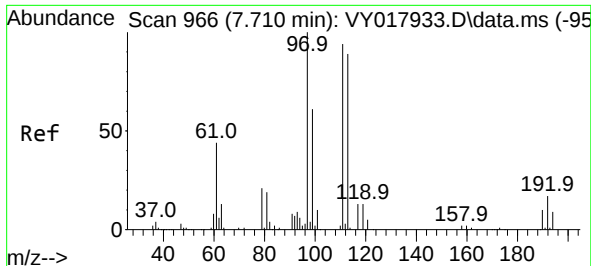
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.6 0.0 27.2

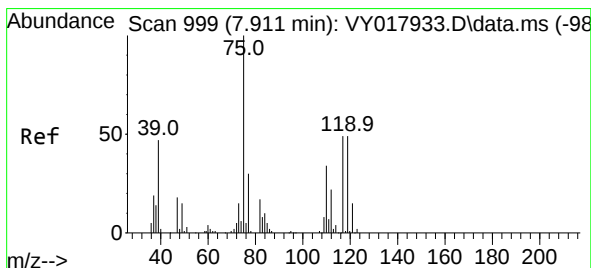
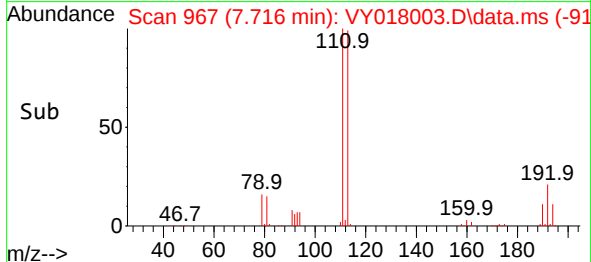
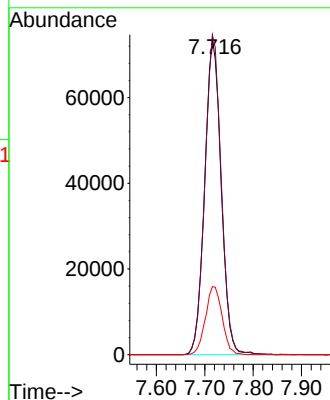
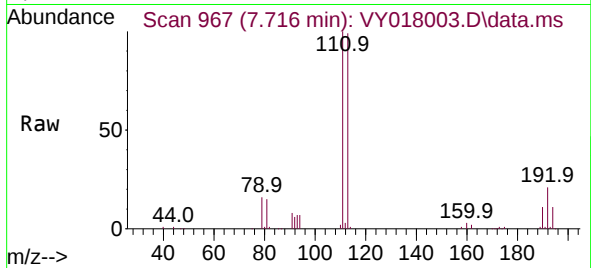




#35
Dibromofluoromethane
Concen: 51.95 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

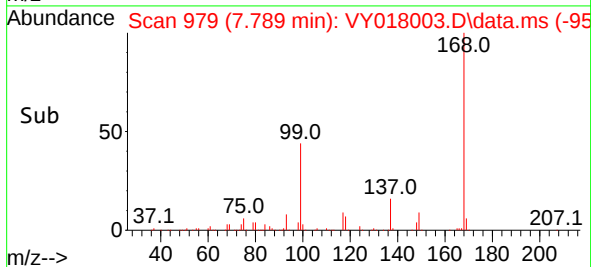
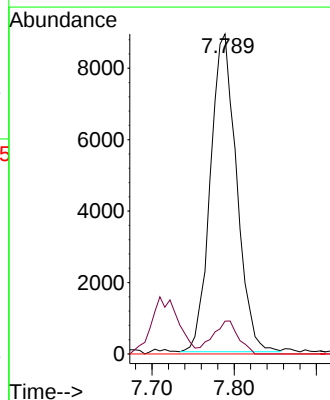
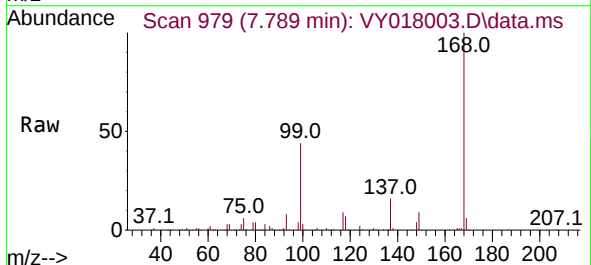
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-041824

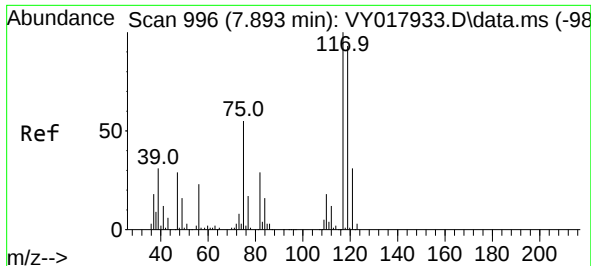
Tgt Ion:113 Resp: 174370
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 21.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.03 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

Tgt Ion: 75 Resp: 19672
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.0 25.3 37.9#

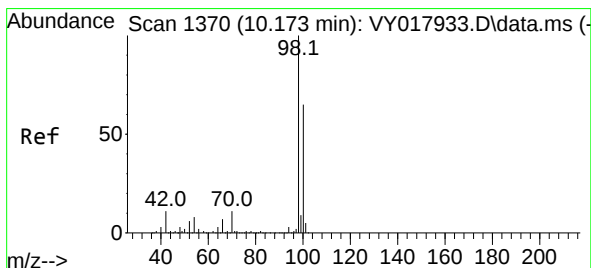
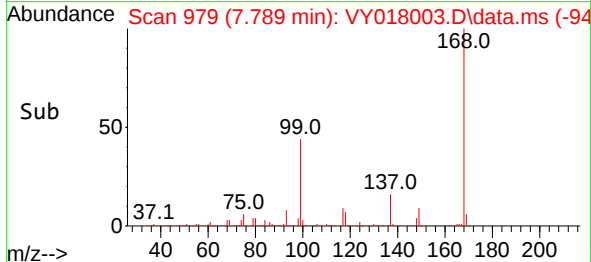
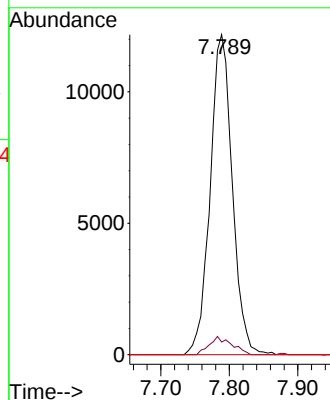
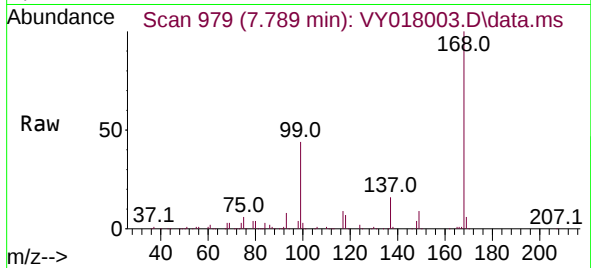




#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

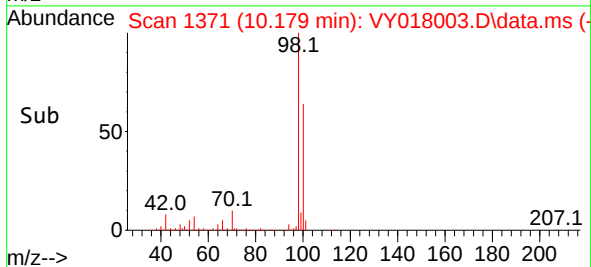
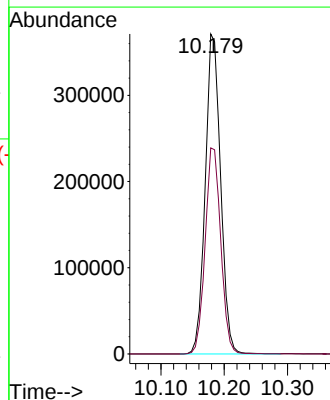
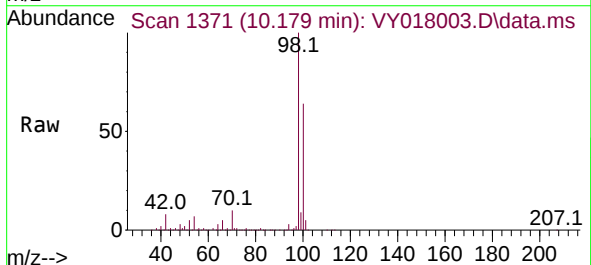
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ClientSampleId :
CL-01-041824

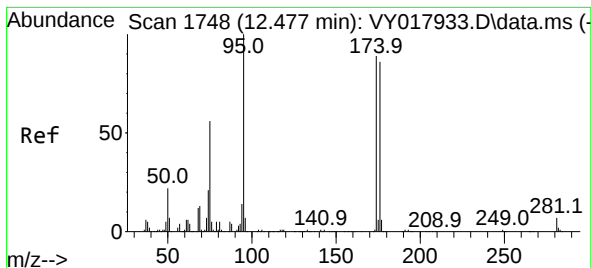
Tgt Ion:117 Resp: 27326
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.29 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

Tgt Ion: 98 Resp: 627723
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

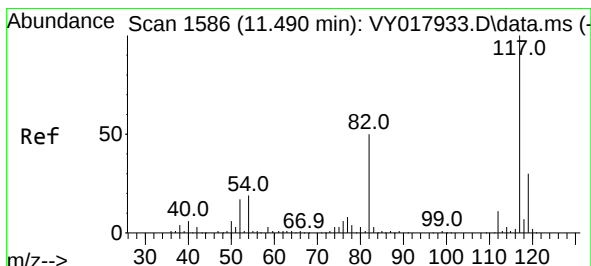
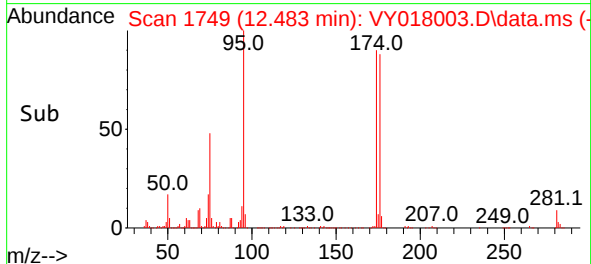
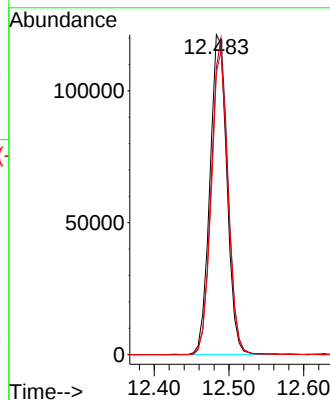
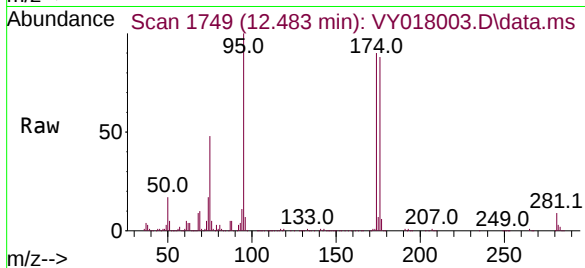




#62
4-Bromofluorobenzene
Concen: 48.80 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

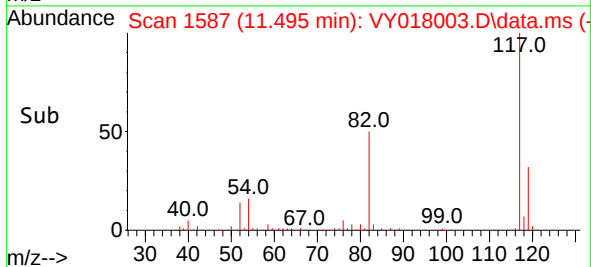
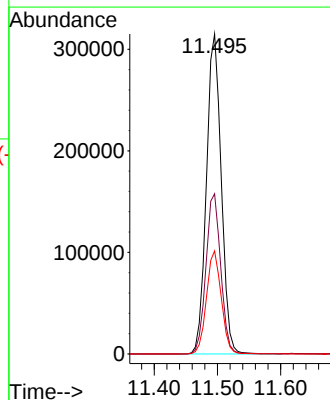
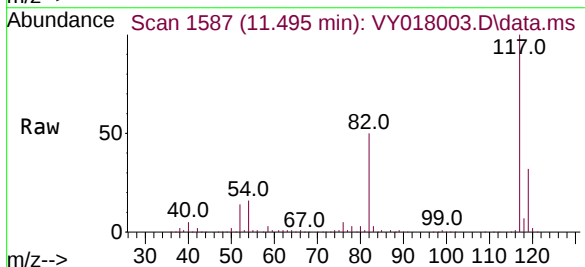
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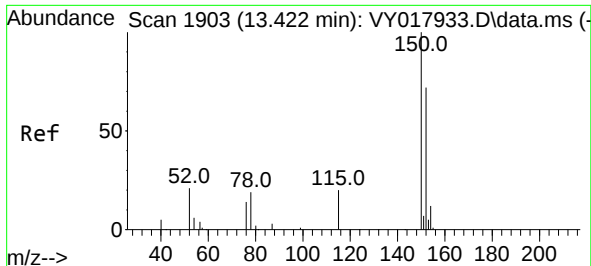
Tgt Ion: 95 Resp: 192487
Ion Ratio Lower Upper
95 100
174 97.2 0.0 175.6
176 93.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

Tgt Ion: 117 Resp: 514639
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 32.2 25.9 38.9

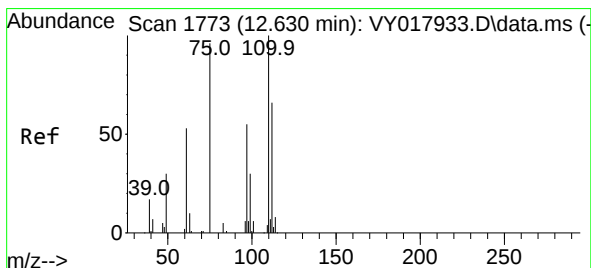
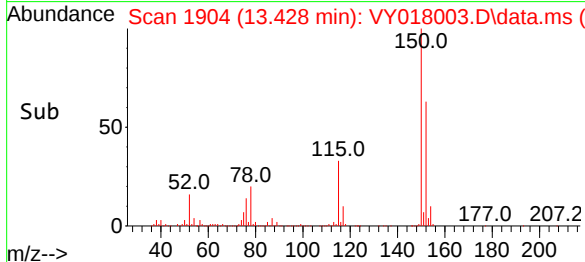
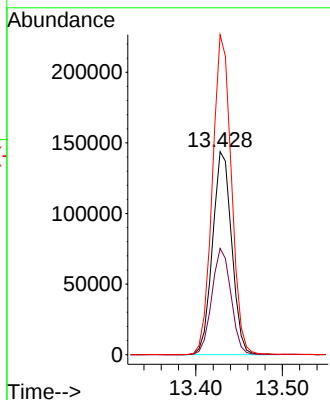
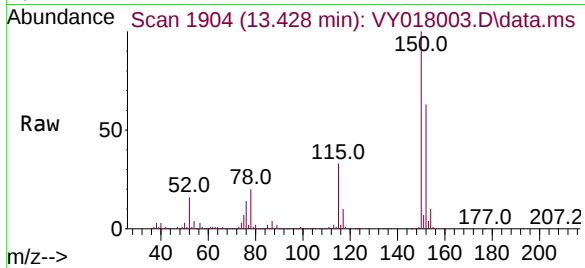




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018003.D
 Acq: 19 Apr 2024 16:58

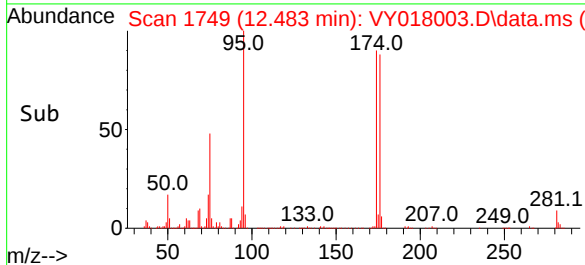
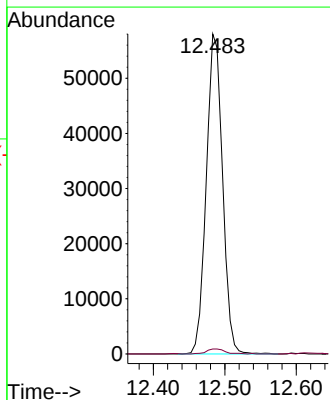
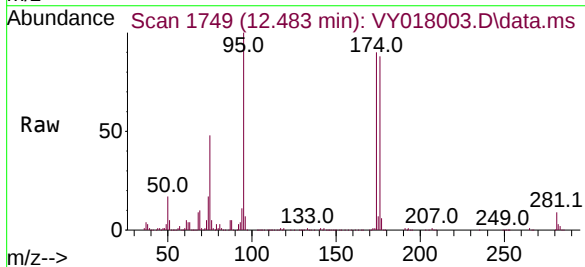
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-041824

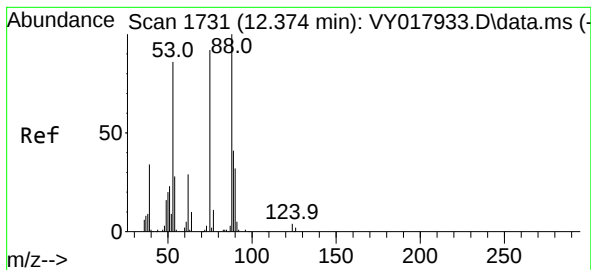
Tgt Ion:152 Resp: 221141
 Ion Ratio Lower Upper
 152 100
 115 52.3 28.2 84.7
 150 156.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 44.13 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY018003.D
 Acq: 19 Apr 2024 16:58

Tgt Ion: 75 Resp: 91571
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.98 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018003.D
 Acq: 19 Apr 2024 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-041824

Tgt Ion: 75 Resp: 91571
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.1 35.8 53.6#

