

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018002.D
 Acq On : 19 Apr 2024 16:34
 Operator : SY/MD
 Sample : P2195-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-041824

Quant Time: Apr 19 23:26:28 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)

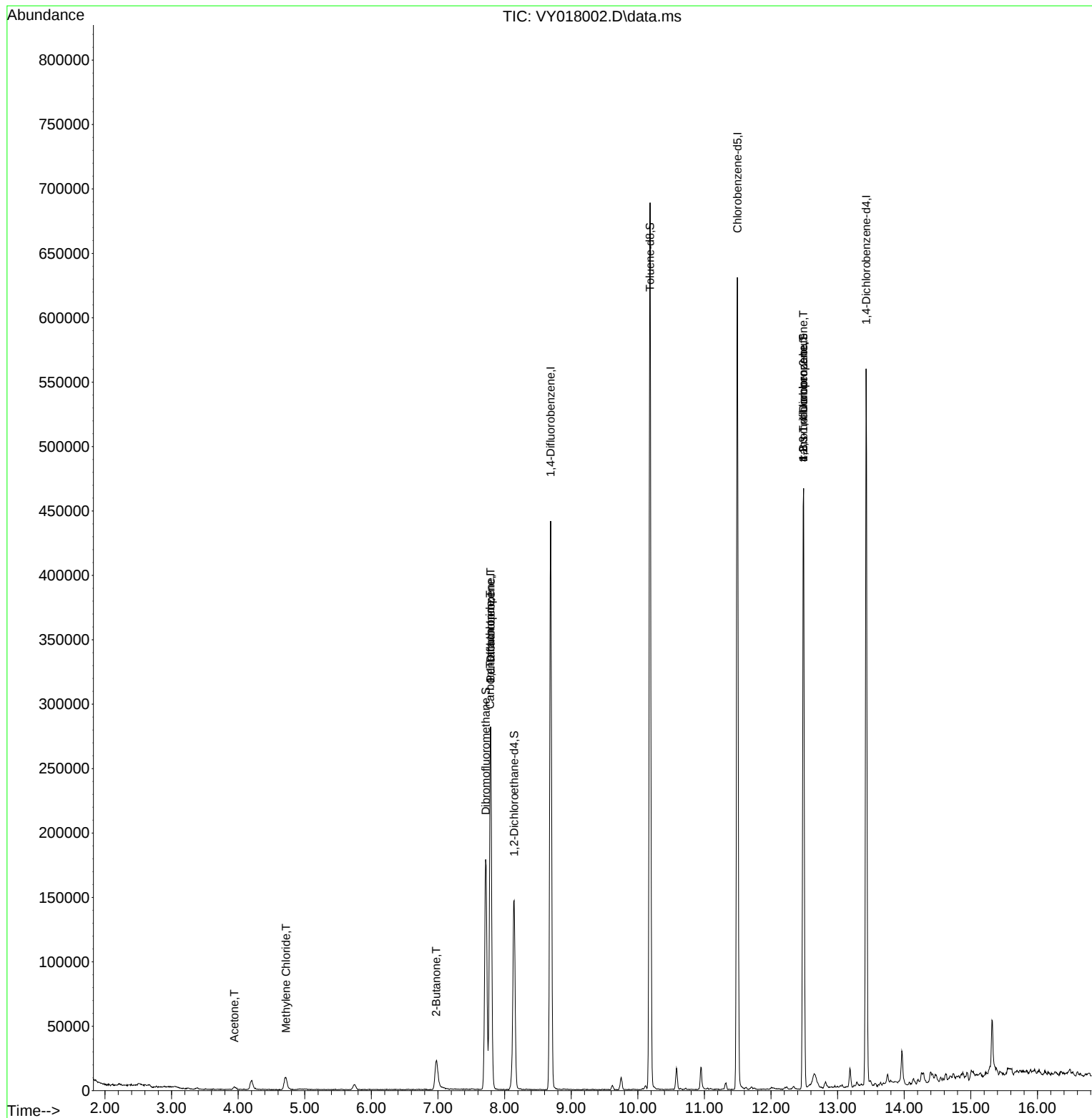
Internal Standards						
1) Pentafluorobenzene	7.789	168	245557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	411090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	377822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110231	51.87	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.74%			
35) Dibromofluoromethane	7.716	113	132119	52.09	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.18%			
50) Toluene-d8	10.185	98	468953	48.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.46%			
62) 4-Bromofluorobenzene	12.483	95	134205	45.03	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.06%			
Target Compounds						
11) Tert butyl alcohol	4.960	59	498	Below Cal	#	88
16) Acetone	3.942	43	3559	8.48	ug/l	99
20) Methylene Chloride	4.716	84	8172	2.87	ug/l	96
25) 2-Butanone	6.972	43	1235	2.00	ug/l	# 82
36) 1,1-Dichloropropene	7.789	75	16305	4.42	ug/l	# 47
38) Carbon Tetrachloride	7.783	117	21105	5.66	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	64494	43.38	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	64494	89.45	ug/l	# 16

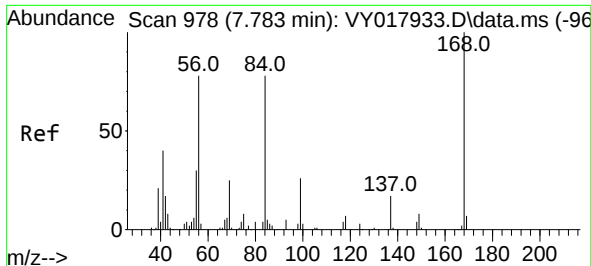
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
Data File : VY018002.D
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Operator : SY/MD
Sample : P2195-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-041824

Quant Time: Apr 19 23:26:28 2024
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

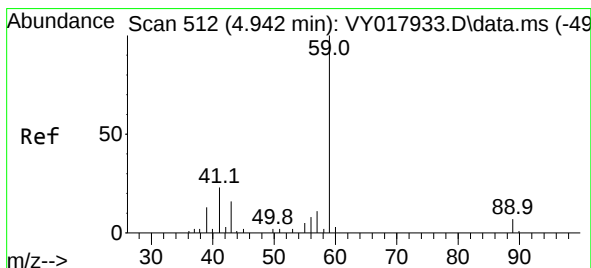
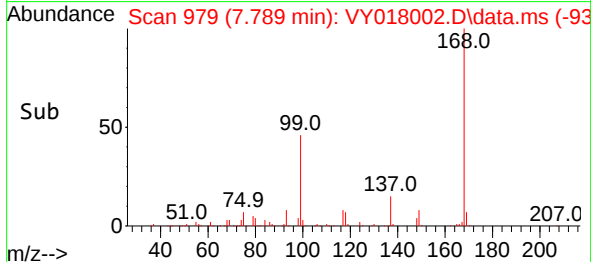
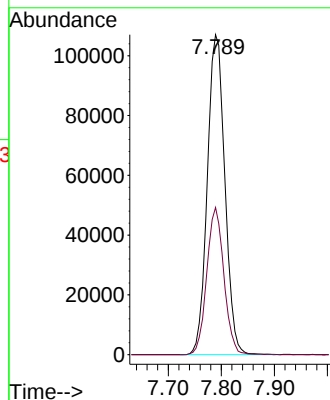
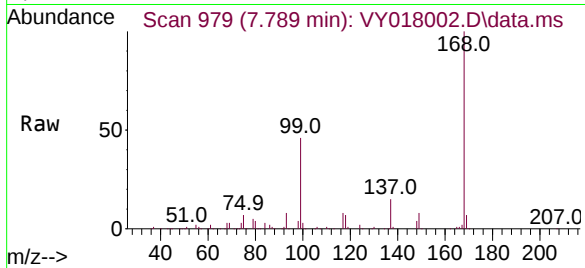




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

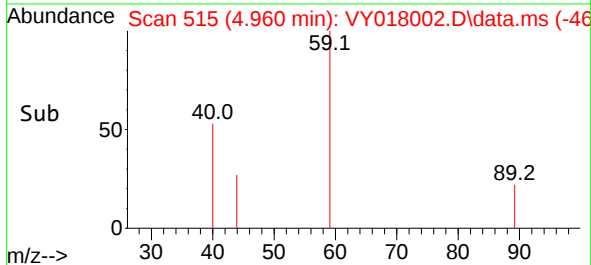
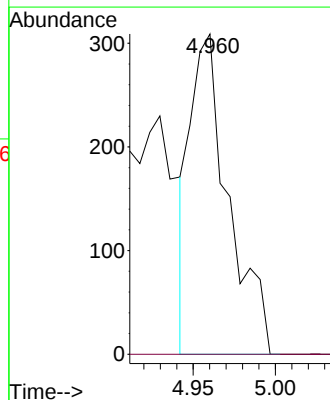
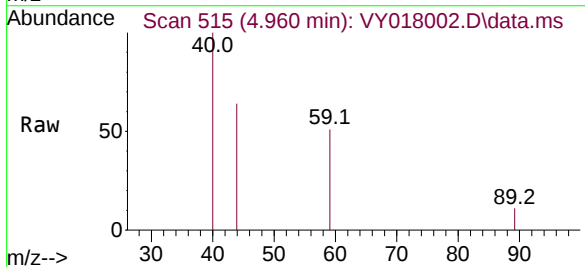
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-041824

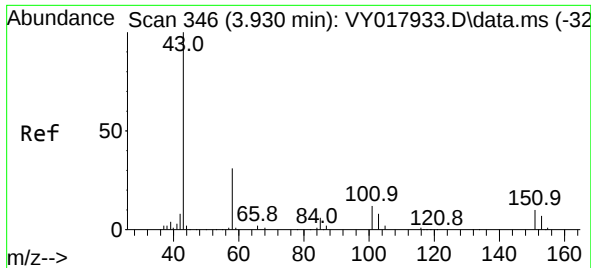
Tgt Ion:168 Resp: 245557
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion: 59 Resp: 498
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 8.48 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY018002.D

Acq: 19 Apr 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

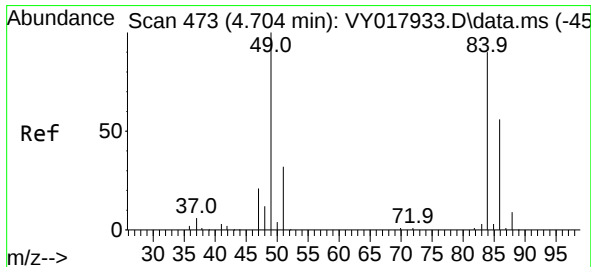
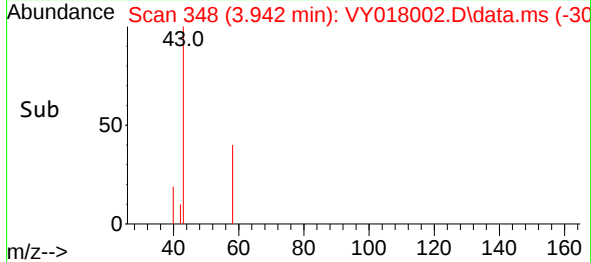
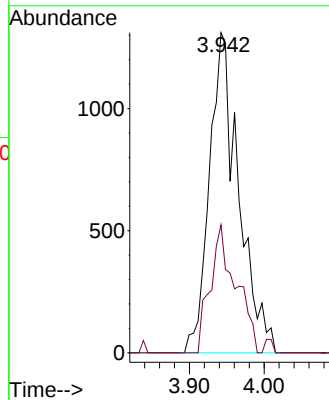
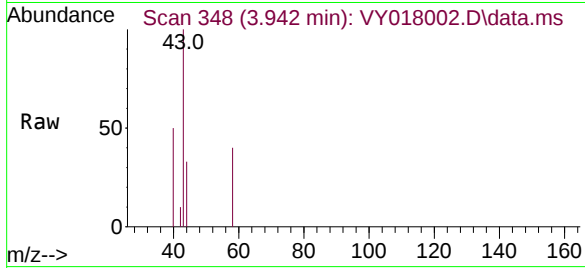
OK-01-041824

Tgt Ion: 43 Resp: 3559

Ion Ratio Lower Upper

43 100

58 40.0 31.7 47.5



#20

Methylene Chloride

Concen: 2.87 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY018002.D

Acq: 19 Apr 2024 16:34

Tgt Ion: 84 Resp: 8172

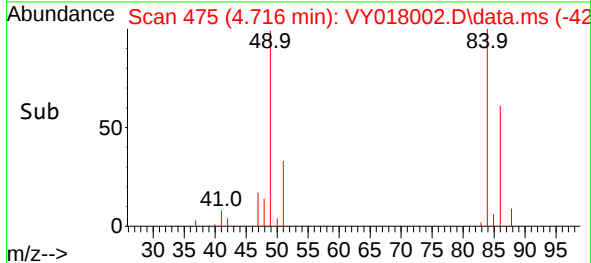
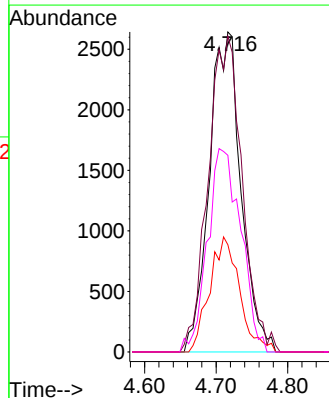
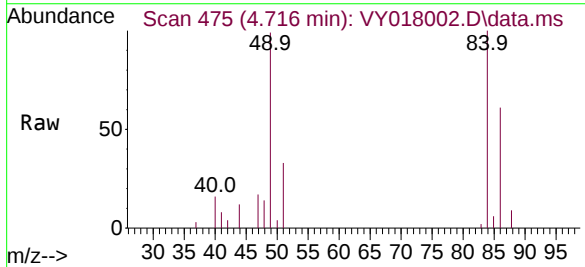
Ion Ratio Lower Upper

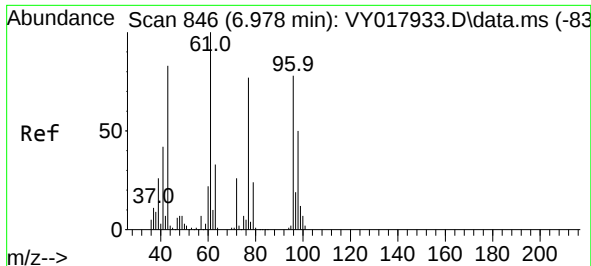
84 100

49 98.7 84.4 126.6

51 33.5 26.0 39.0

86 61.4 49.5 74.3

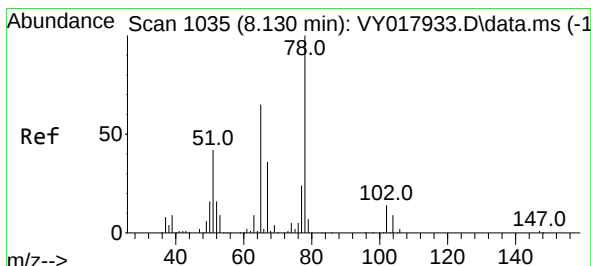
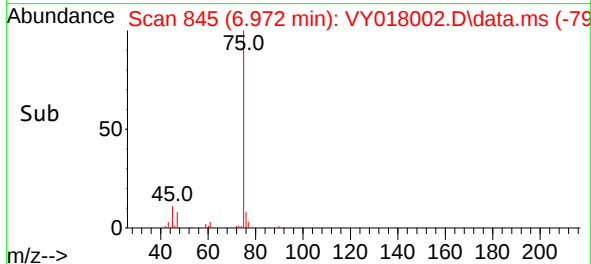
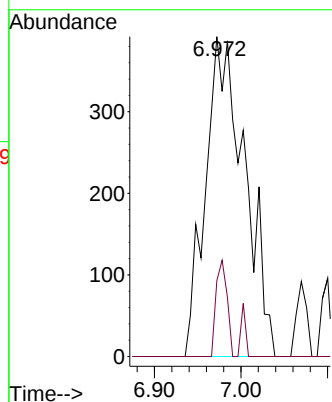
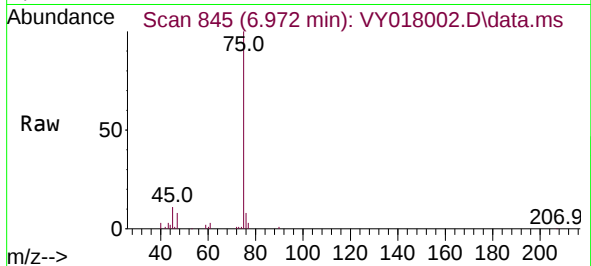




#25
2-Butanone
Concen: 2.00 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

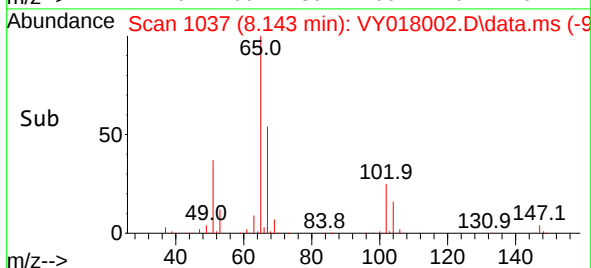
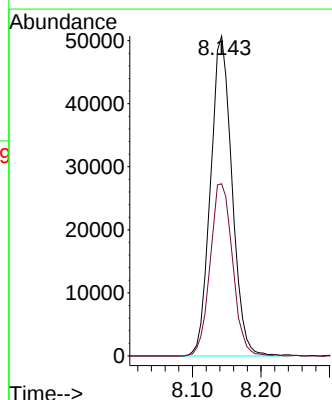
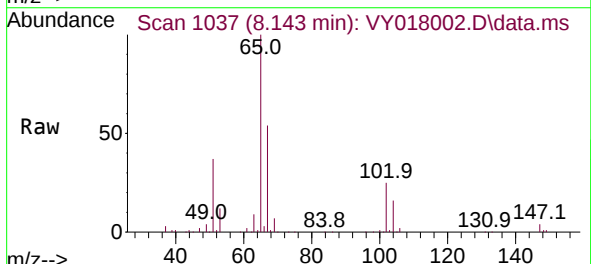
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-041824

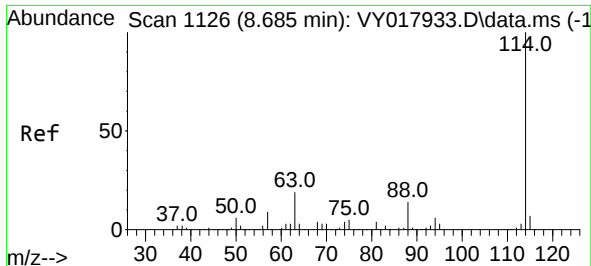
Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
72 23.7 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 51.87 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion: 65 Resp: 110231
Ion Ratio Lower Upper
65 100
67 56.4 0.0 109.6

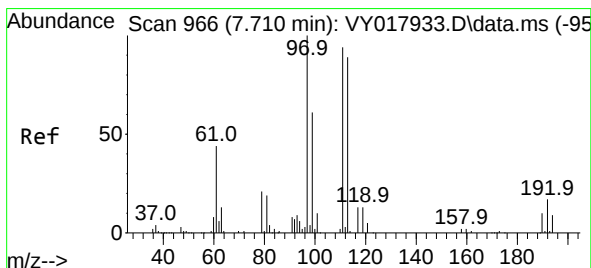
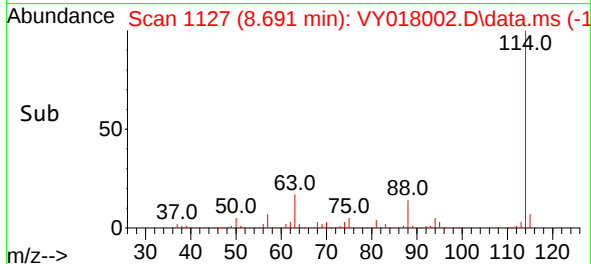
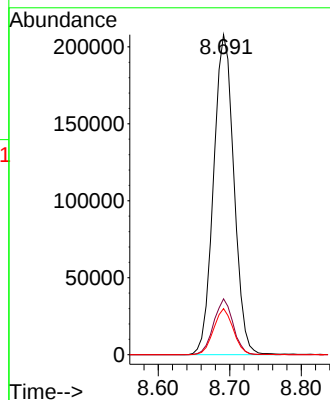
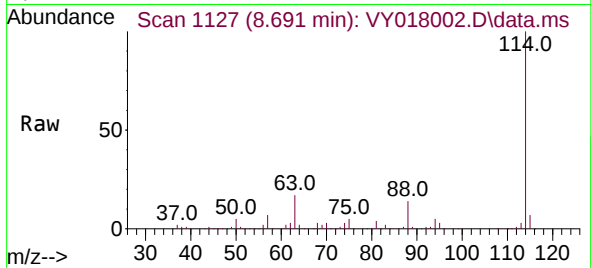




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

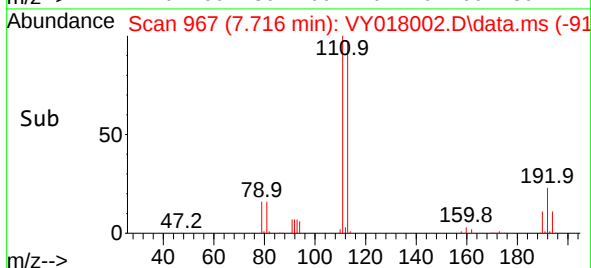
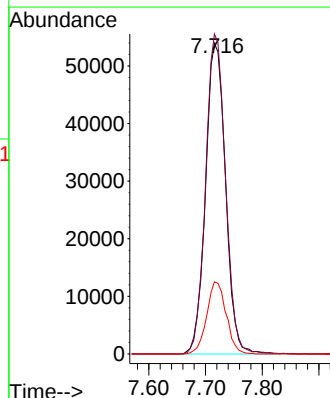
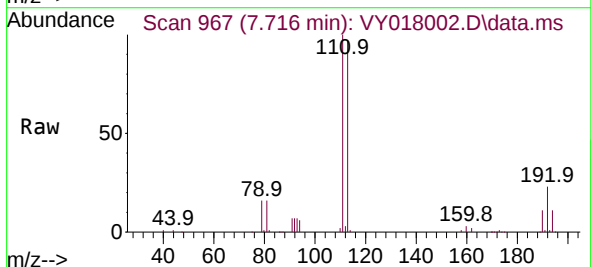
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-041824

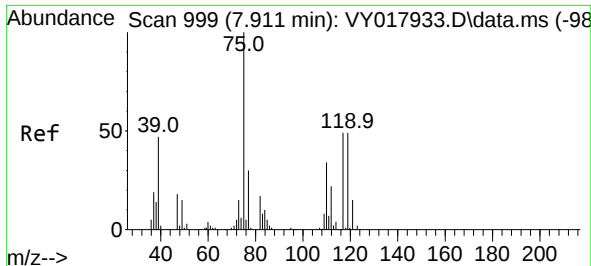
Tgt Ion:114 Resp: 411090
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.09 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion:113 Resp: 132119
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 22.6 15.9 23.9

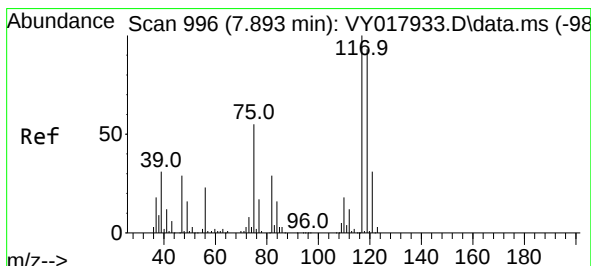
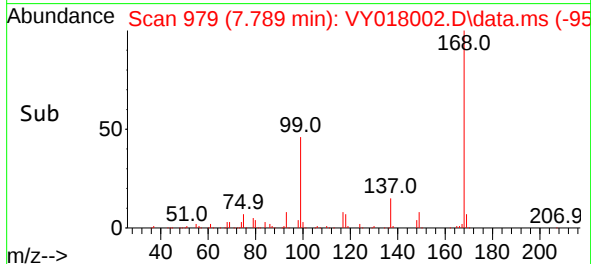
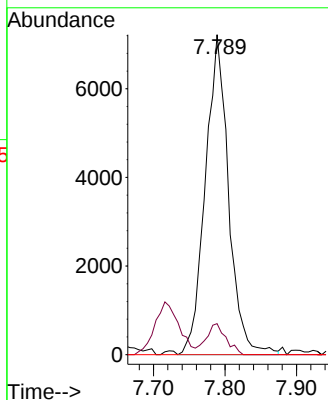
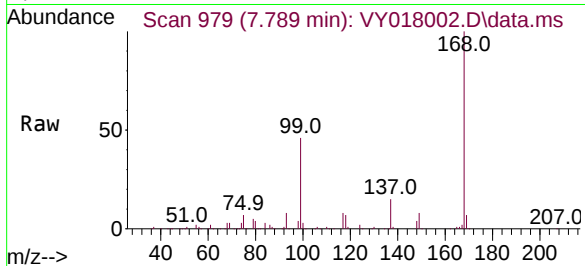




#36
1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

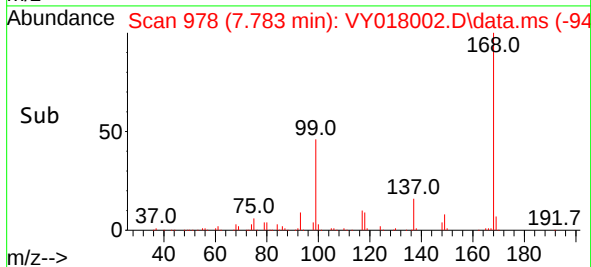
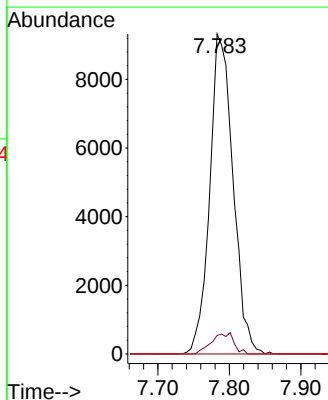
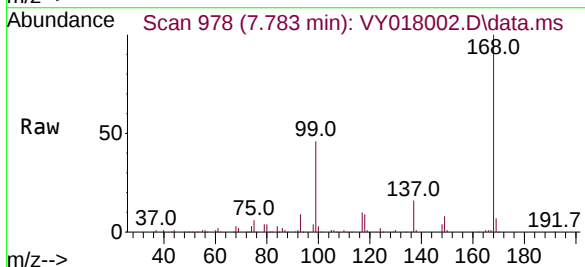
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-041824

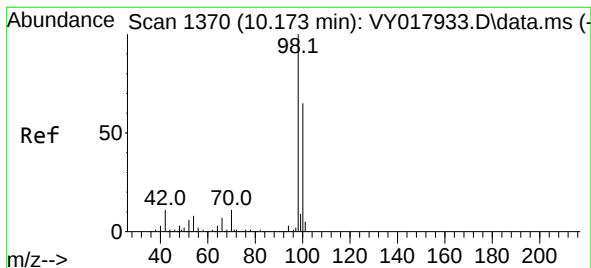
Tgt Ion: 75 Resp: 16305
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion: 117 Resp: 21105
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#

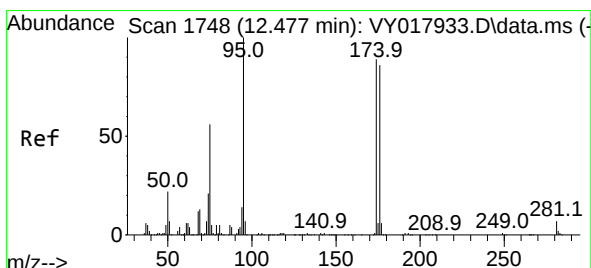
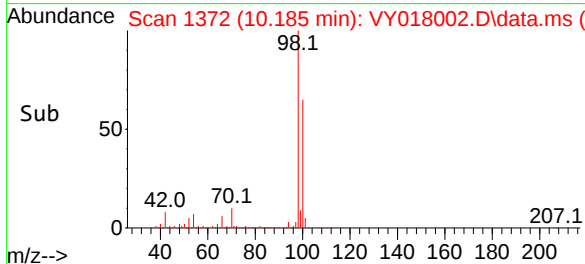
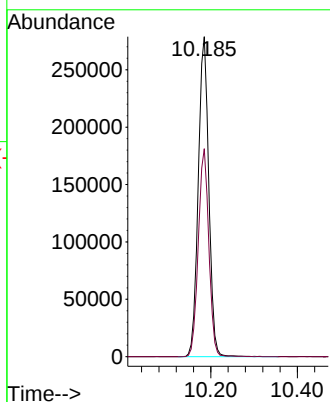
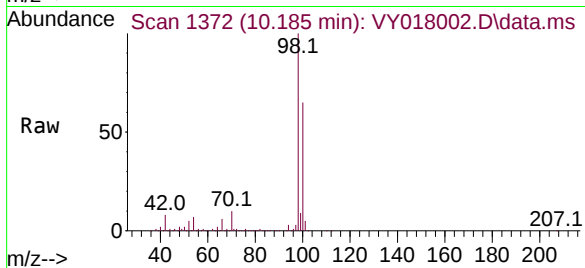




#50
Toluene-d8
Concen: 48.73 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

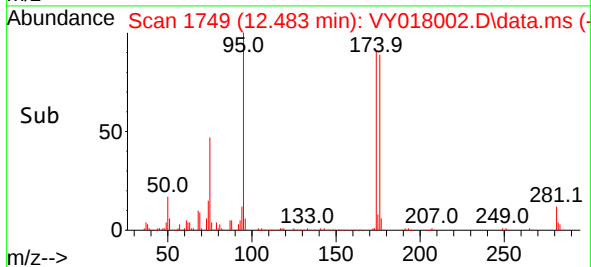
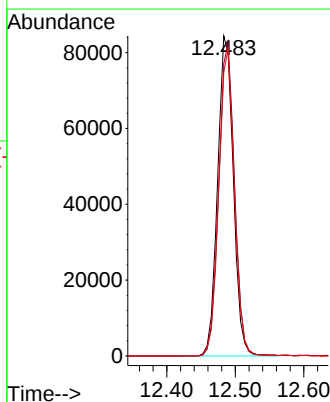
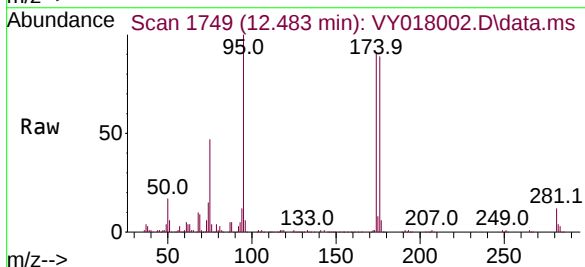
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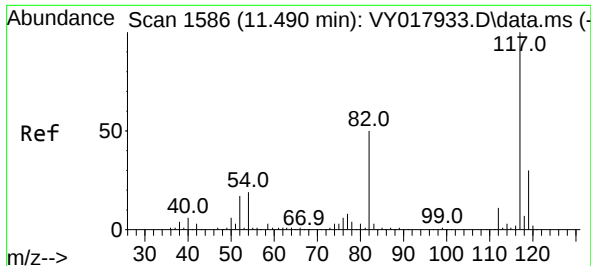
Tgt Ion: 98 Resp: 468953
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.03 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion: 95 Resp: 134205
Ion Ratio Lower Upper
95 100
174 98.3 0.0 175.6
176 95.1 0.0 171.4

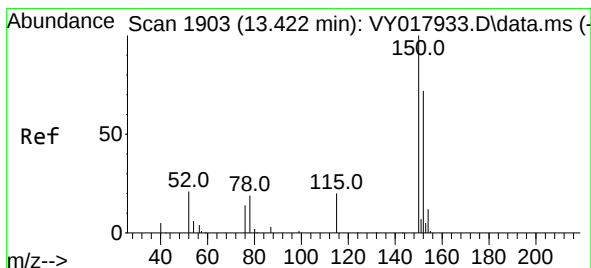
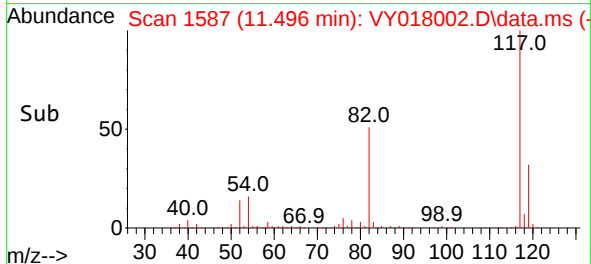
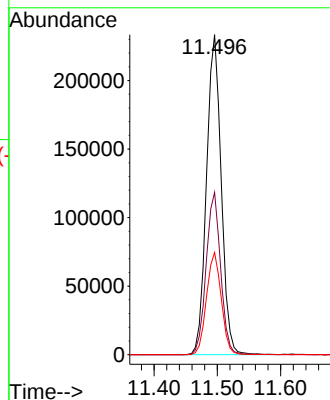
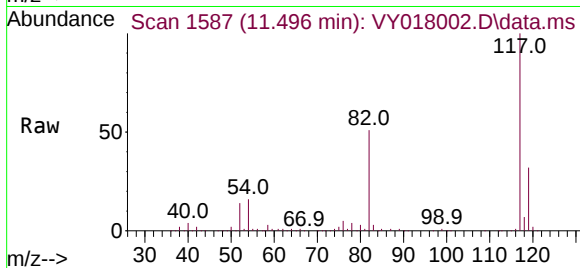




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

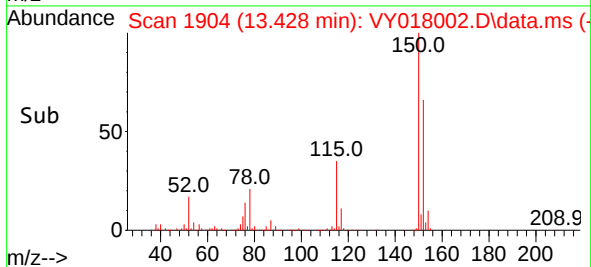
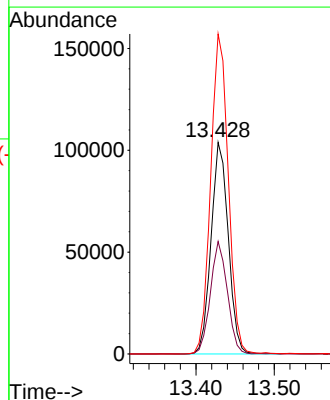
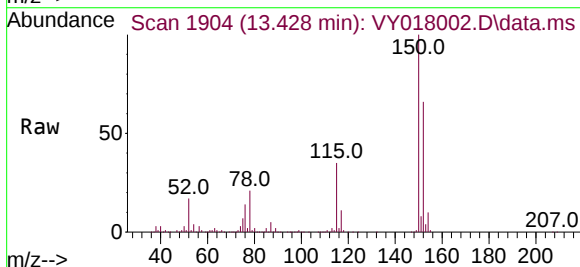
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-041824

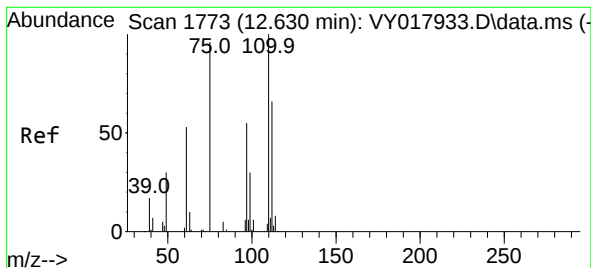
Tgt Ion:117 Resp: 377822
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion:152 Resp: 158428
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.7
150 154.4 0.0 345.6

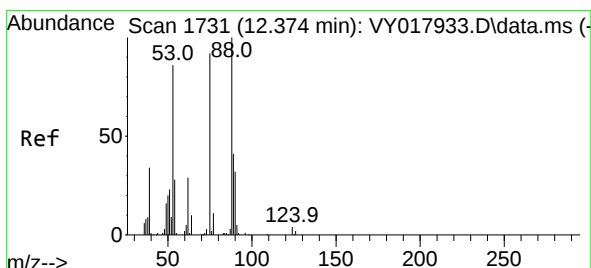
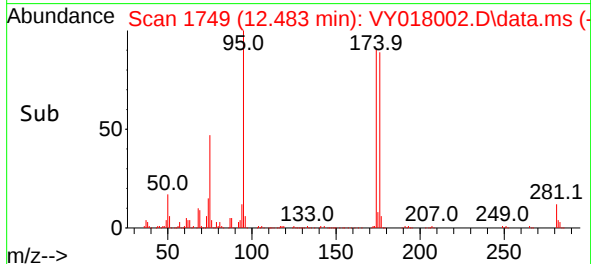
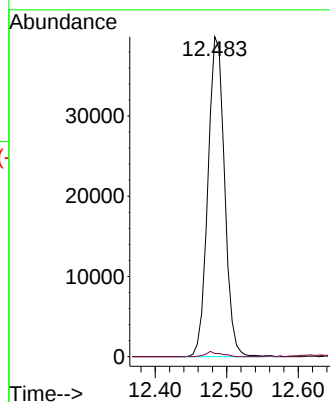
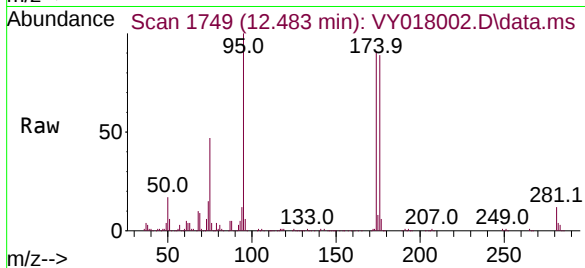




#76
1,2,3-Trichloropropane
Concen: 43.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-041824

Tgt Ion: 75 Resp: 64494
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion: 75 Resp: 64494
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

