

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017499.D
 Acq On : 27 Feb 2024 16:17
 Operator : SY/MD
 Sample : P1564-15RE
 Misc : 3.36g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-16

Quant Time: Feb 28 00:17:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

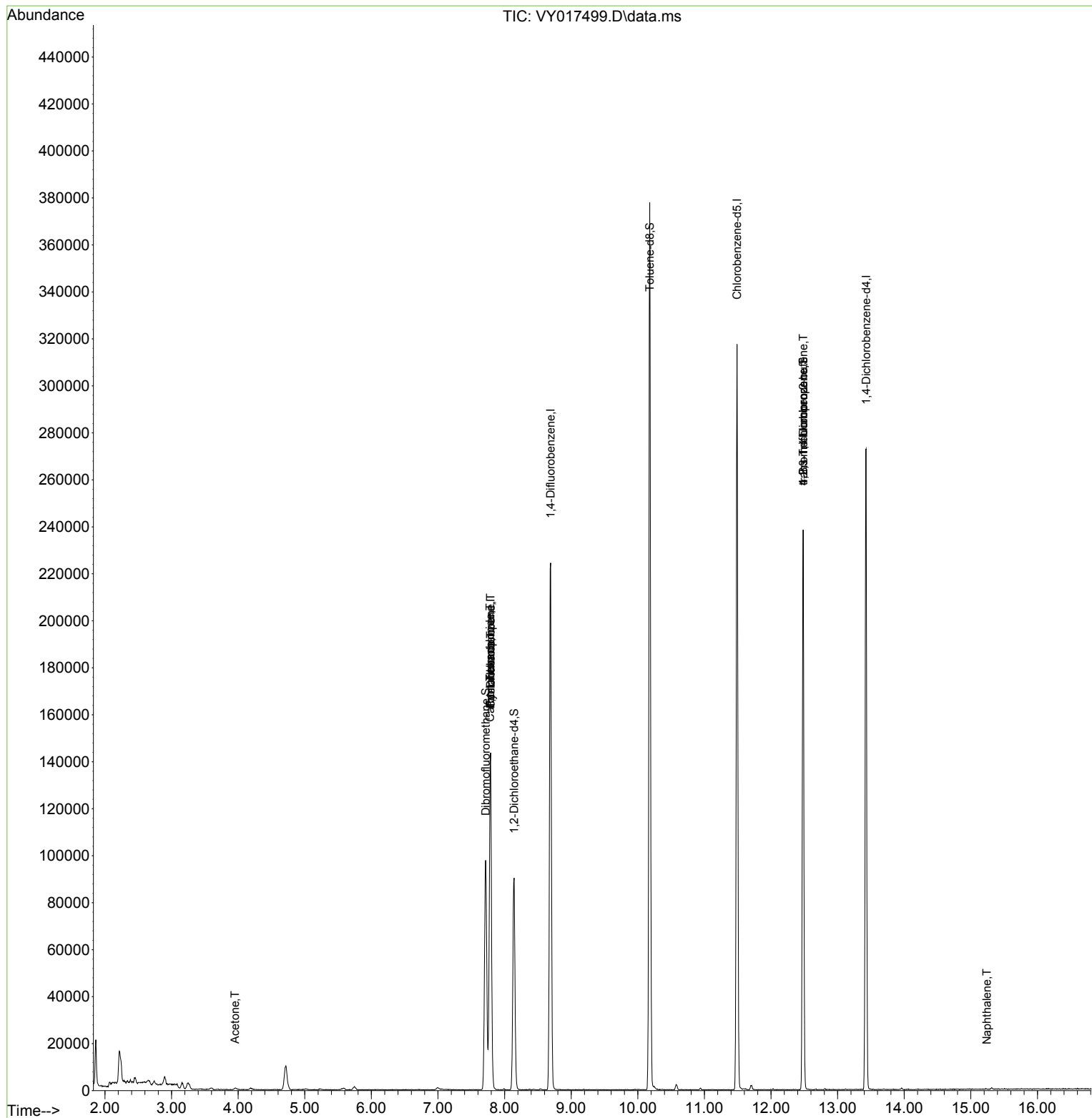
Internal Standards						
1) Pentafluorobenzene	7.789	168	119922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66690	58.678	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.360%			
35) Dibromofluoromethane	7.716	113	71171	49.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.060%			
50) Toluene-d8	10.179	98	253075	50.372	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.483	95	70848	44.870	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.740%			
Target Compounds						Qvalue
16) Acetone	3.954	43	1299	5.893	ug/l #	78
31) Cyclohexane	7.789	56	2183	1.180	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8207	4.233	ug/l #	46
38) Carbon Tetrachloride	7.783	117	10711	5.512	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	34773	48.208	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34773	110.770	ug/l #	16
95) Naphthalene	15.239	128	189	3.987	ug/l #	69

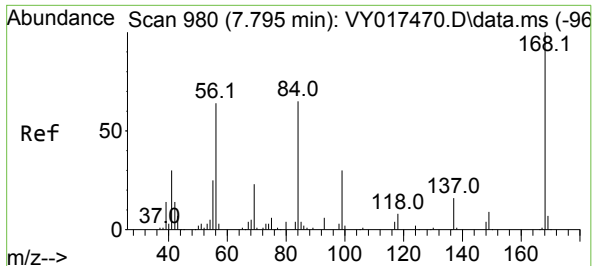
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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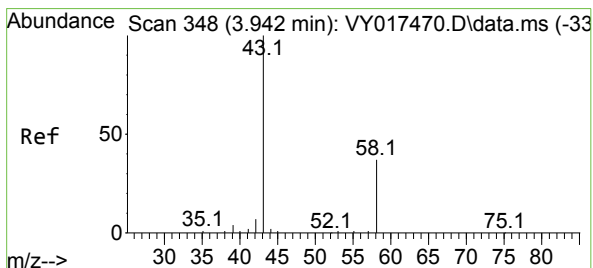
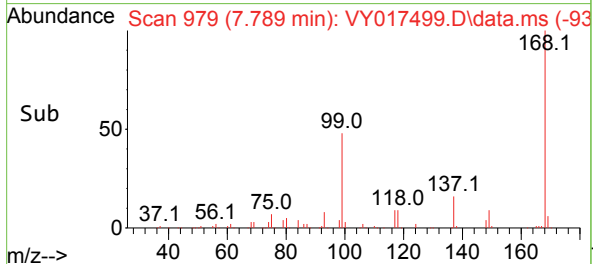
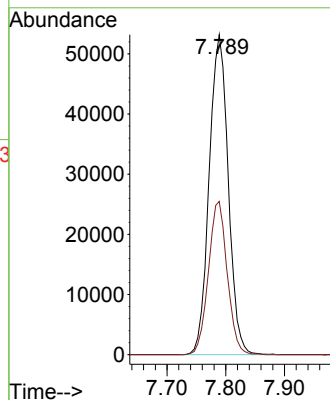
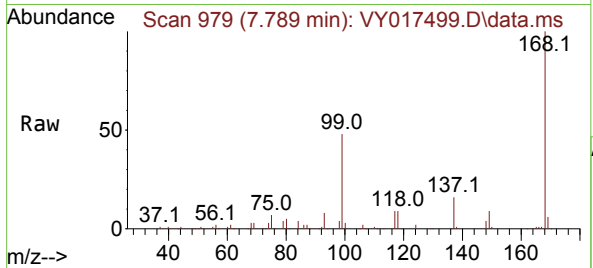




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

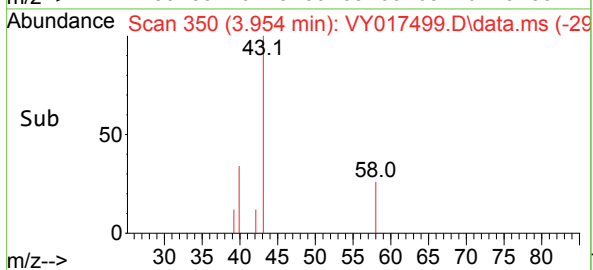
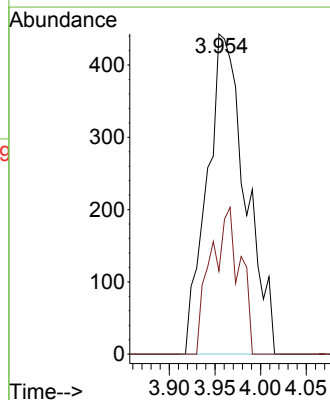
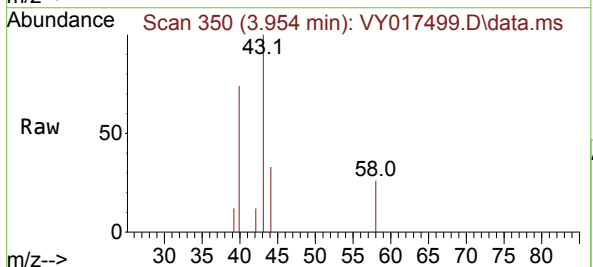
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-16

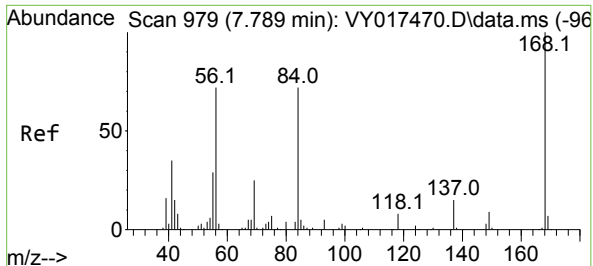
Tgt Ion:168 Resp: 119922
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#16
Acetone
Concen: 5.893 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
58 26.0 31.7 47.5#

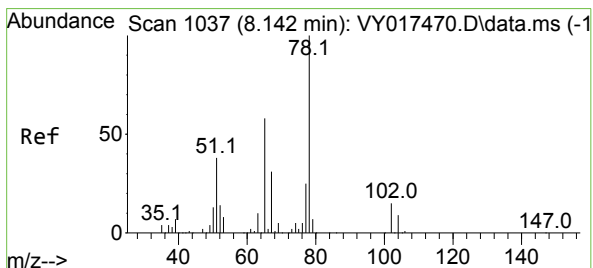
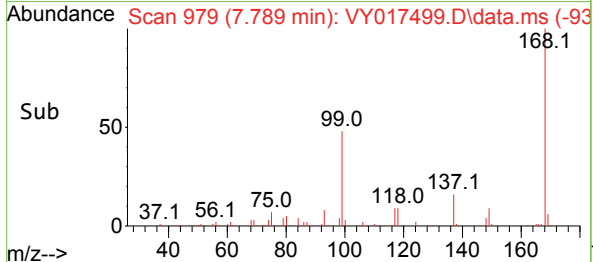
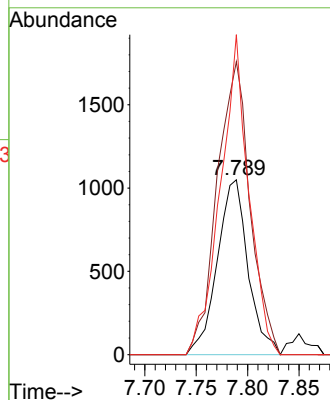
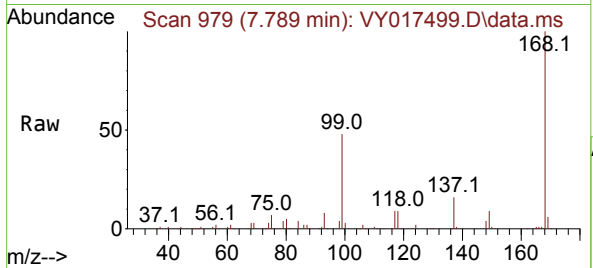




#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

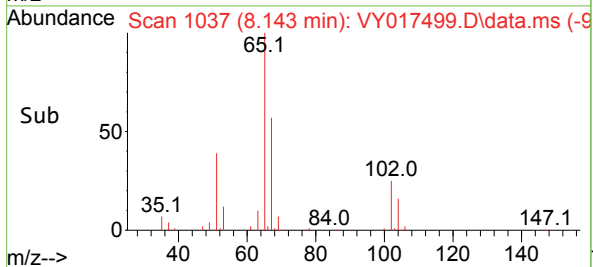
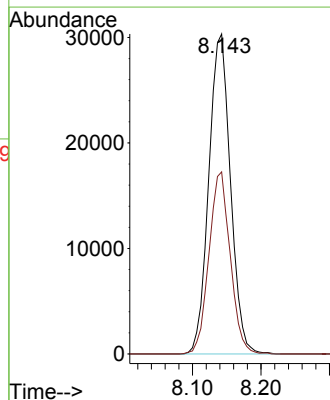
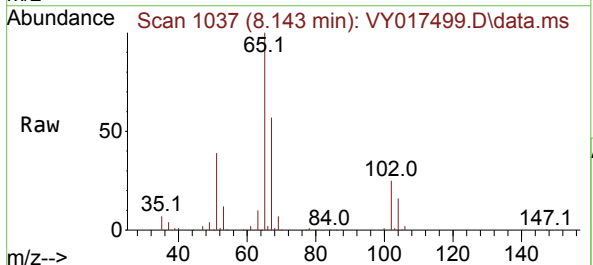
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ClientSampleId :
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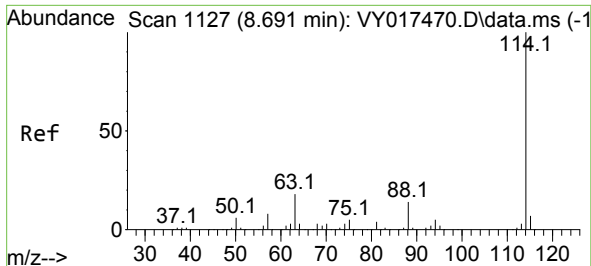
Tgt Ion: 56 Resp: 2183
Ion Ratio Lower Upper
56 100
69 167.5 28.7 43.1#
84 183.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.678 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

Tgt Ion: 65 Resp: 66690
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6

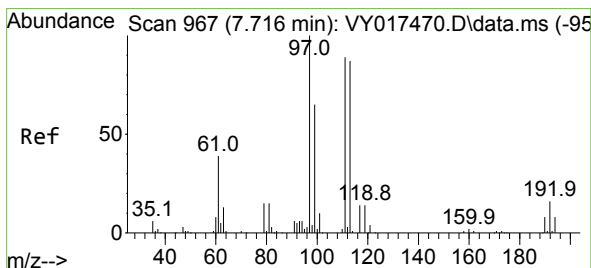
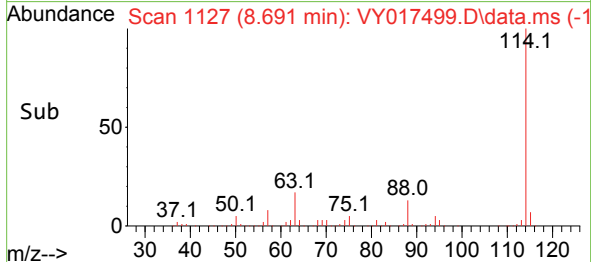
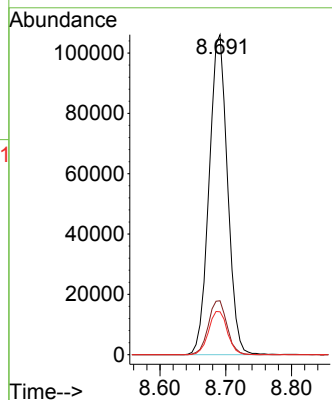
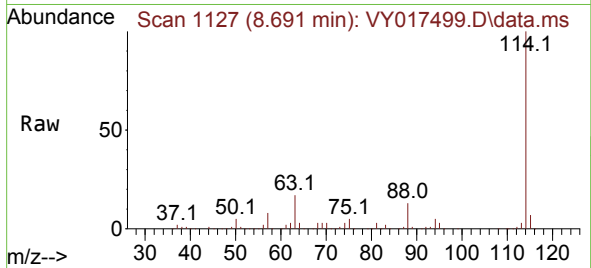




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

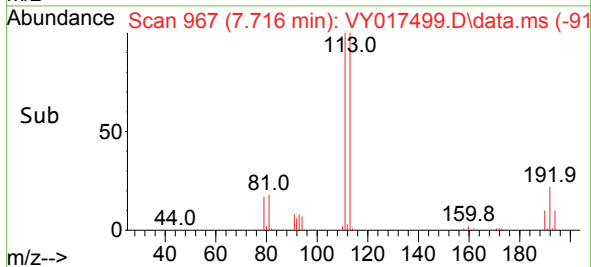
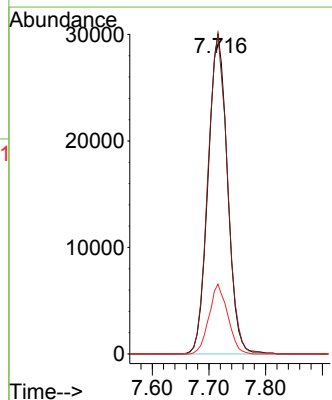
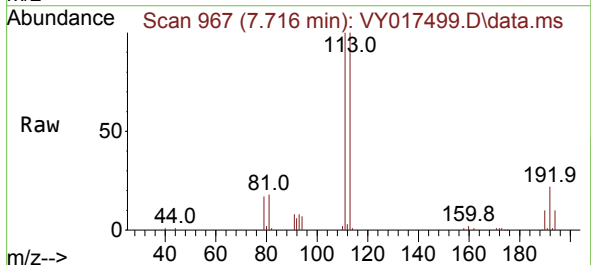
Instrument :
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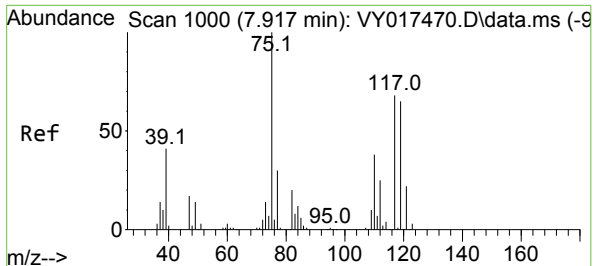
Tgt Ion:114 Resp: 206212
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 13.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.529 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

Tgt Ion:113 Resp: 71171
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 21.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.233 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY017499.D

Acq: 27 Feb 2024 16:17

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-16

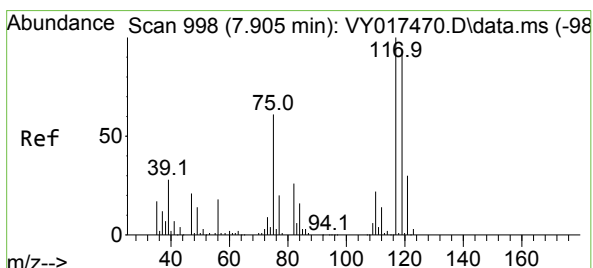
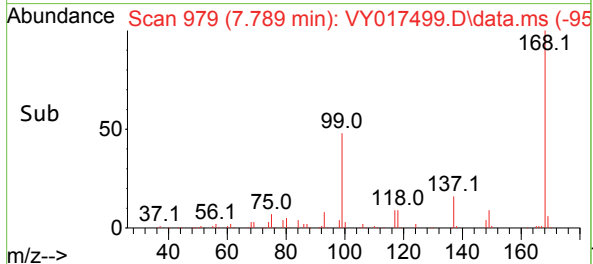
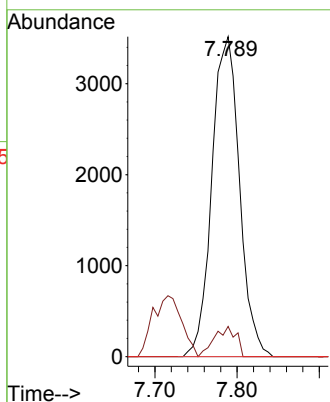
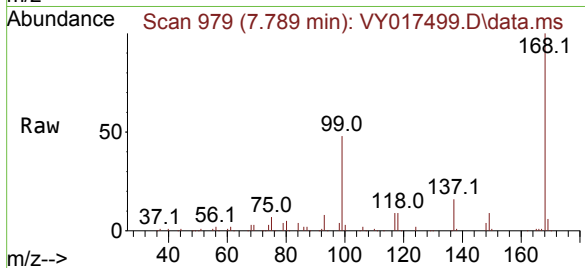
Tgt Ion: 75 Resp: 8207

Ion Ratio Lower Upper

75 100

110 7.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.512 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY017499.D

Acq: 27 Feb 2024 16:17

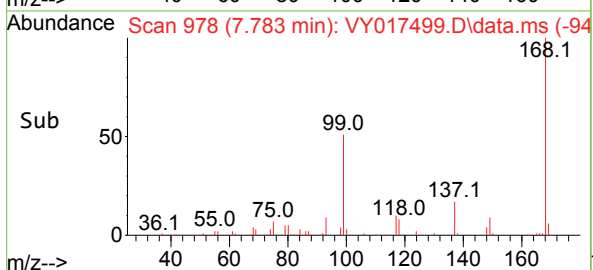
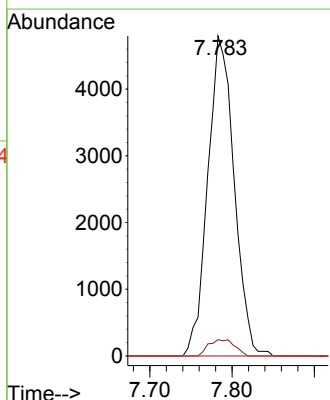
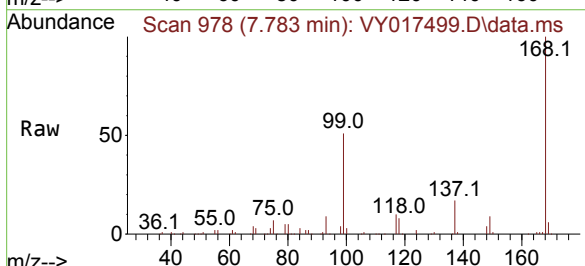
Tgt Ion: 117 Resp: 10711

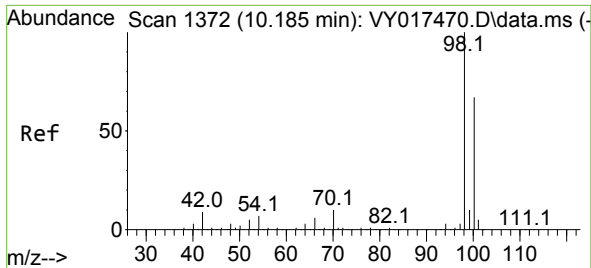
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.0 36.0#

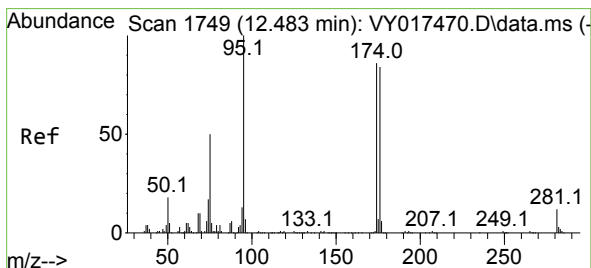
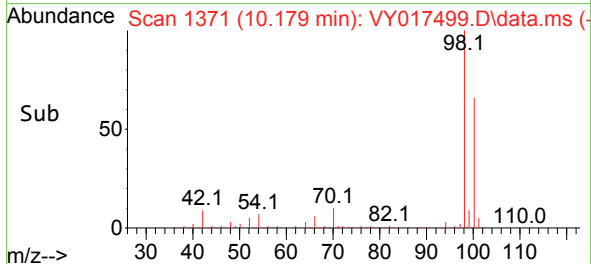
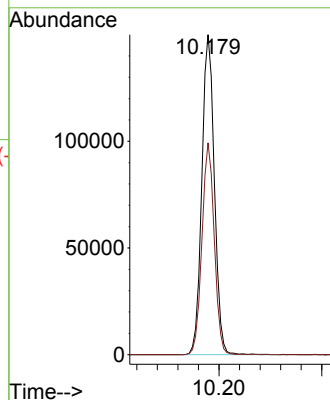
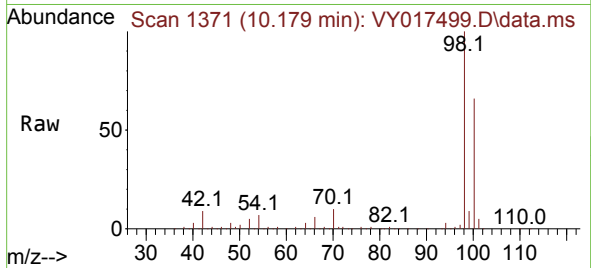




#50
Toluene-d8
Concen: 50.372 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

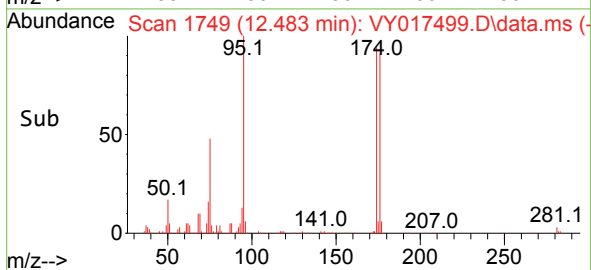
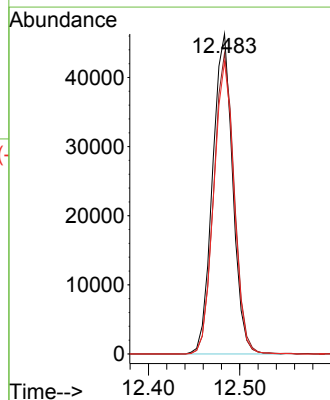
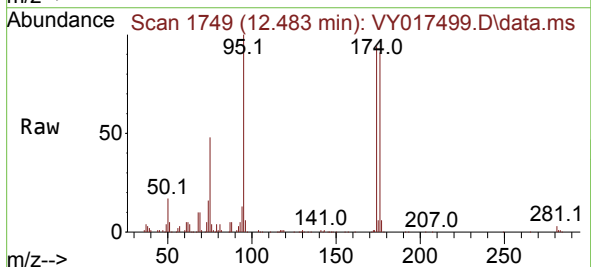
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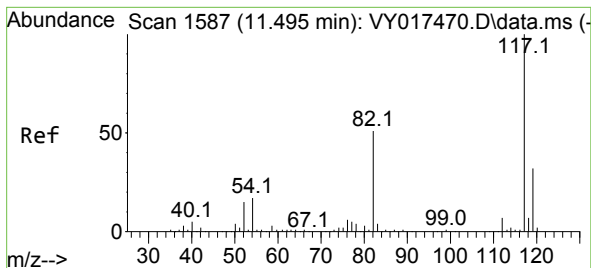
Tgt Ion: 98 Resp: 253075
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.870 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

Tgt Ion: 95 Resp: 70848
Ion Ratio Lower Upper
95 100
174 95.6 0.0 175.6
176 92.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017499.D

Acq: 27 Feb 2024 16:17

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-16

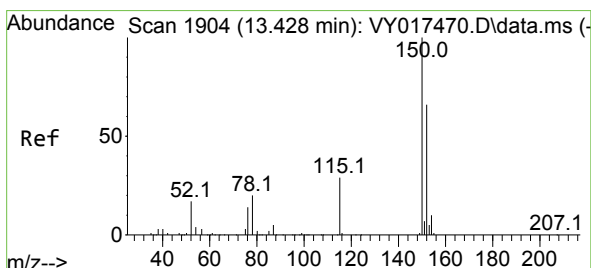
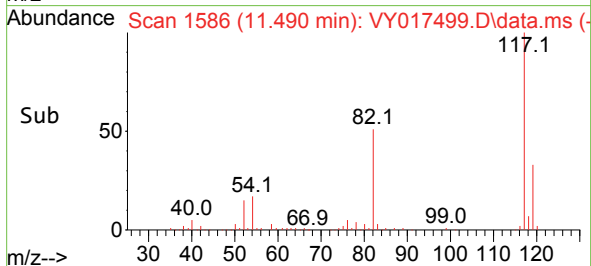
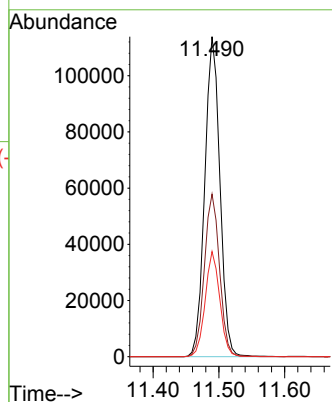
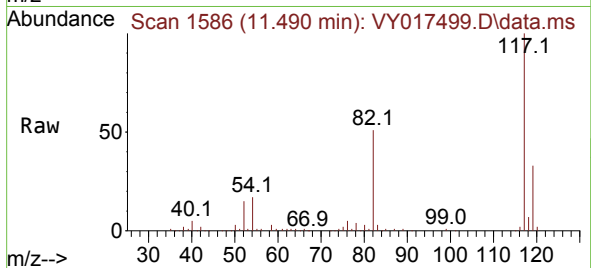
Tgt Ion:117 Resp: 182422

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017499.D

Acq: 27 Feb 2024 16:17

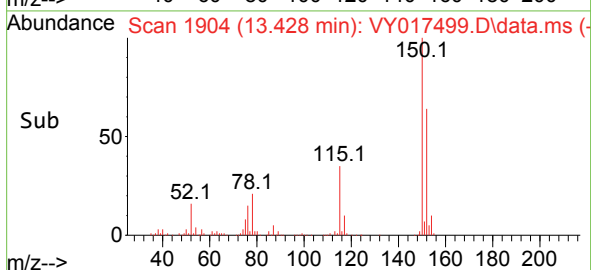
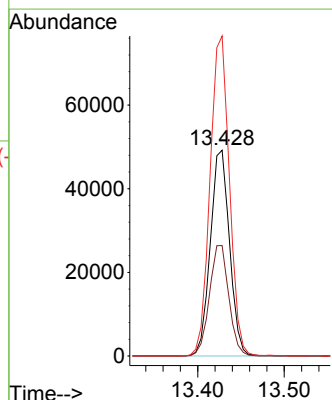
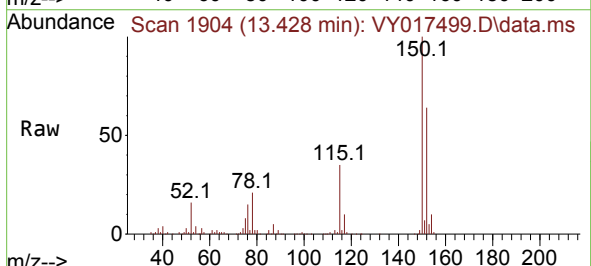
Tgt Ion:152 Resp: 75916

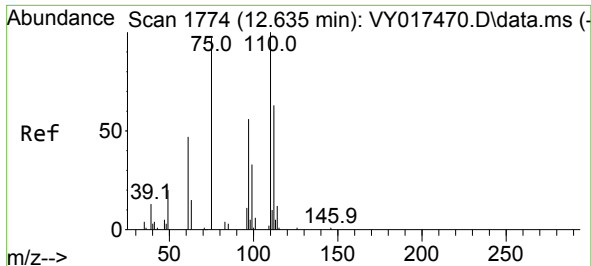
Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 156.3 0.0 345.6

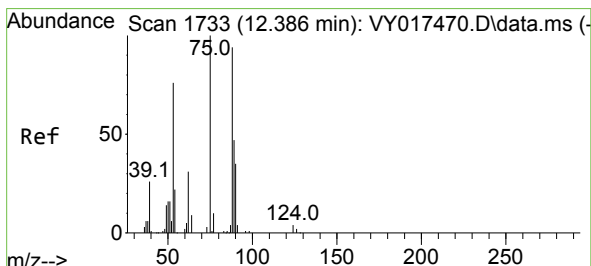
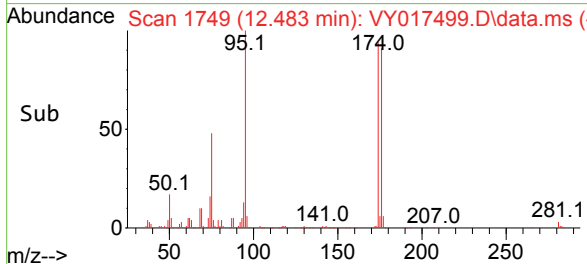
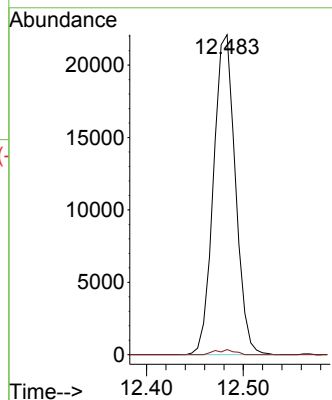
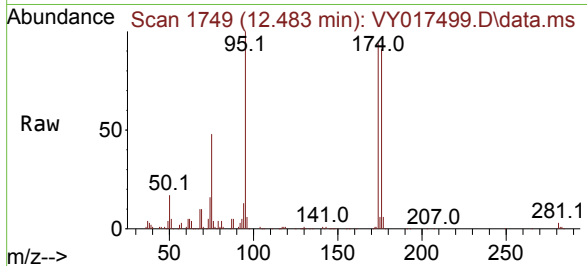




#76
1,2,3-Trichloropropane
Concen: 48.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

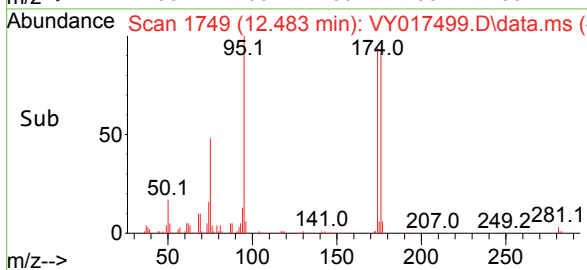
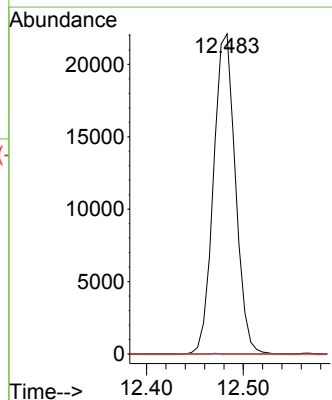
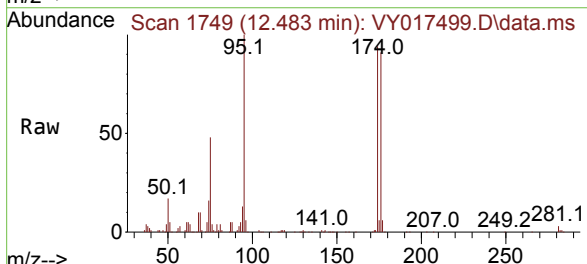
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-16

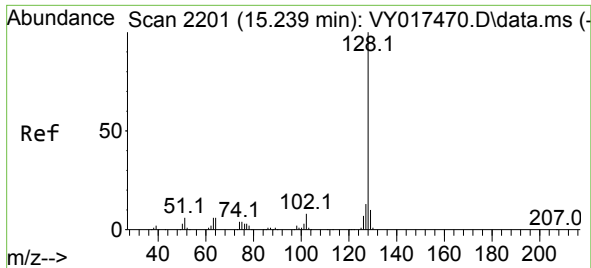
Tgt Ion: 75 Resp: 34773
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.770 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

Tgt Ion: 75 Resp: 34773
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#95

Naphthalene

Concen: 3.987 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017499.D

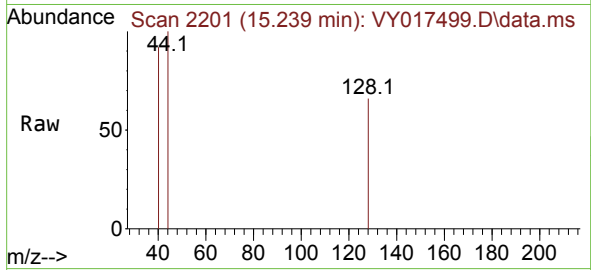
Acq: 27 Feb 2024 16:17

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-16



Tgt Ion:128 Resp: 189

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

