

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012145.D
 Acq On : 10 Jan 2023 16:36
 Operator : KP/MD
 Sample : 01083-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-010923

Quant Time: Jan 11 03:10:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

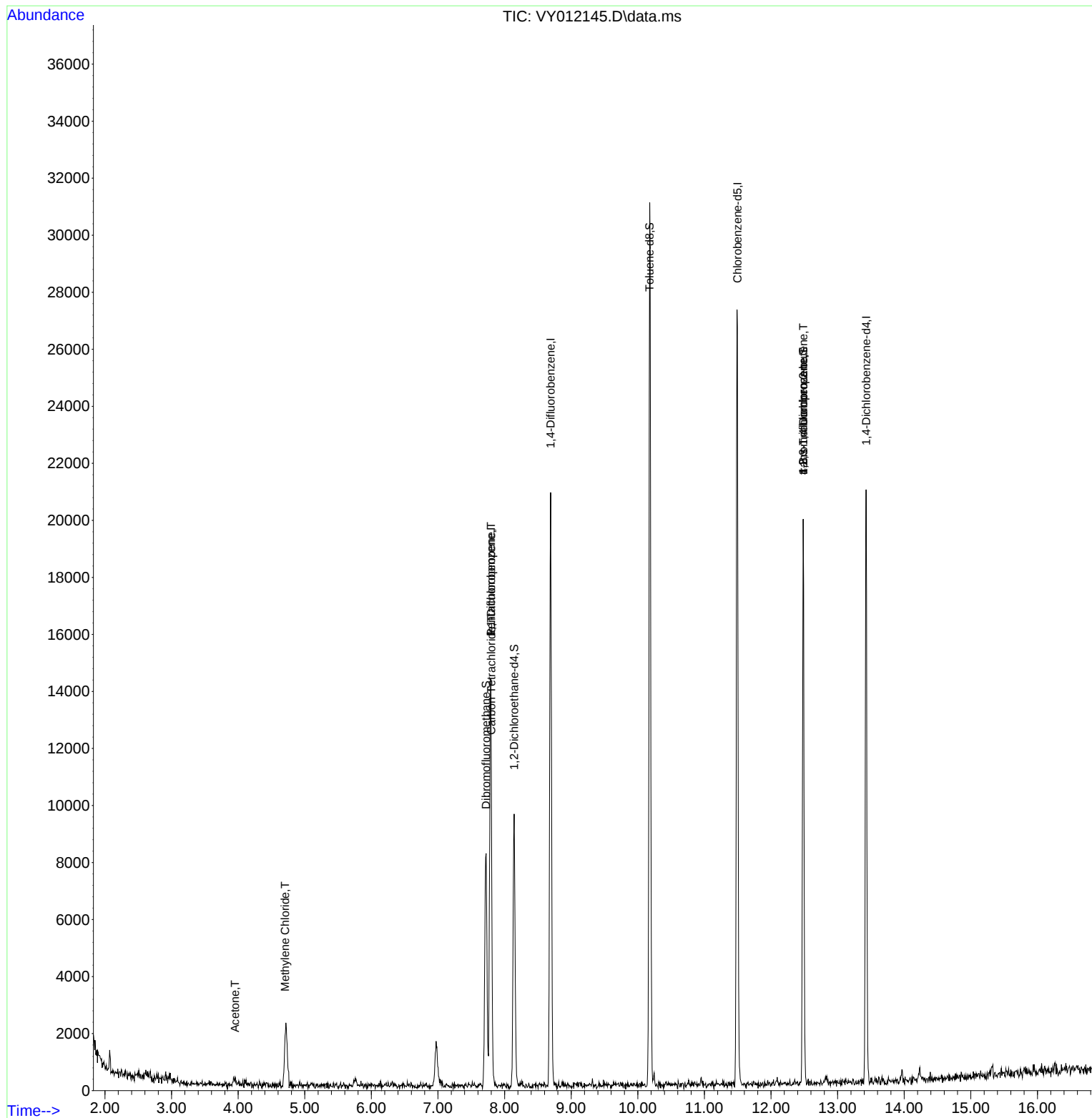
Internal Standards						
1) Pentafluorobenzene	7.795	168	11716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	17301	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7921	60.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.340%
35) Dibromofluoromethane	7.722	113	5775	47.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.179	98	21939	45.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.483	95	6105	36.154	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.300%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	23	Below Cal		95
16) Acetone	3.954	43	441	14.240	ug/l	91
20) Methylene Chloride	4.704	84	1830	9.142	ug/l	# 73
31) Cyclohexane	7.789	56	156	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	841	4.529	ug/l	# 41
38) Carbon Tetrachloride	7.801	117	1196	5.075	ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	3076	42.094	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	3076	93.483	ug/l	# 13

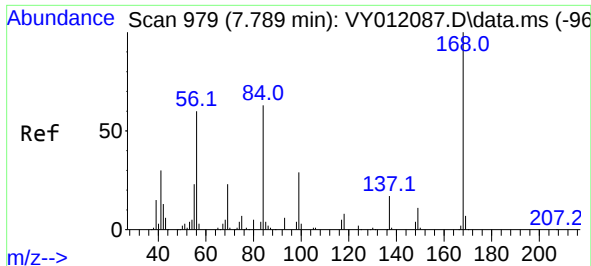
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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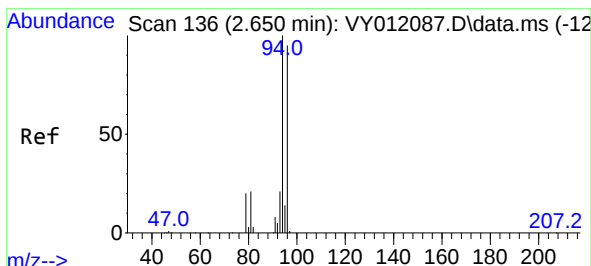
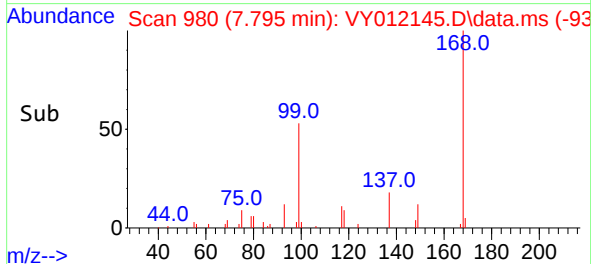
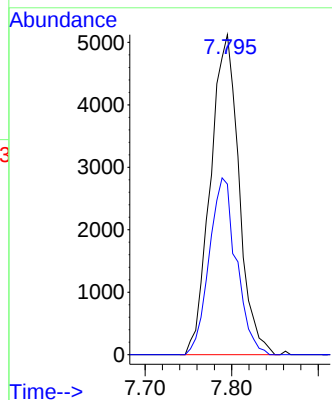
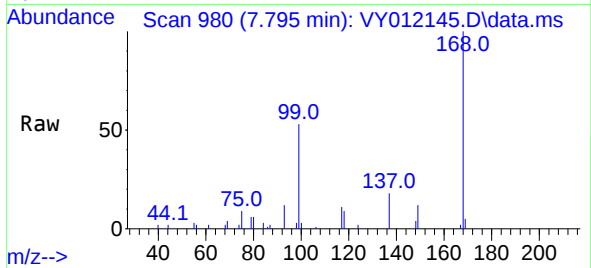




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

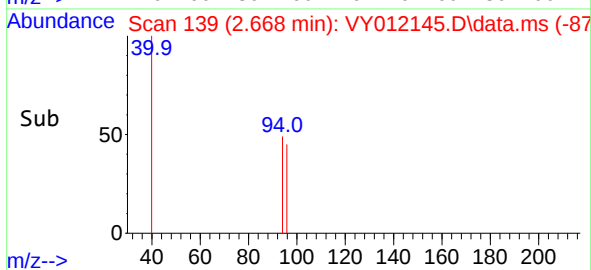
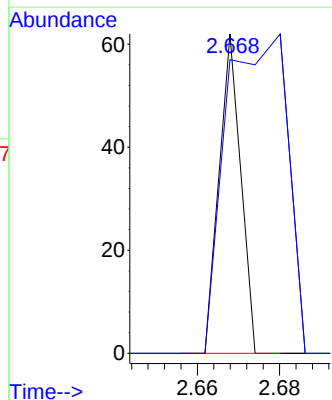
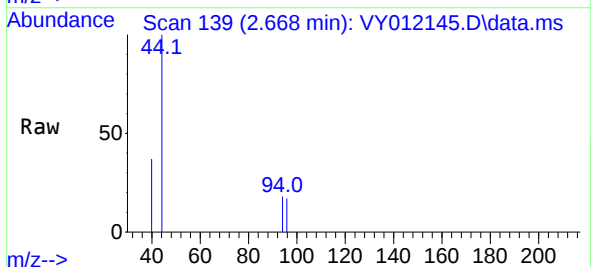
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-010923

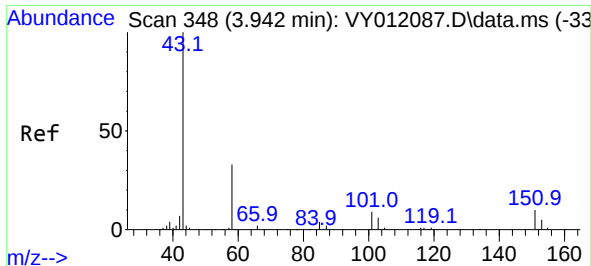
Tgt Ion:168 Resp: 11716
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Tgt Ion: 94 Resp: 23
Ion Ratio Lower Upper
94 100
96 91.9 77.4 116.2

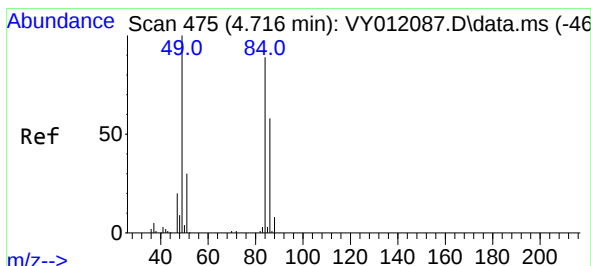
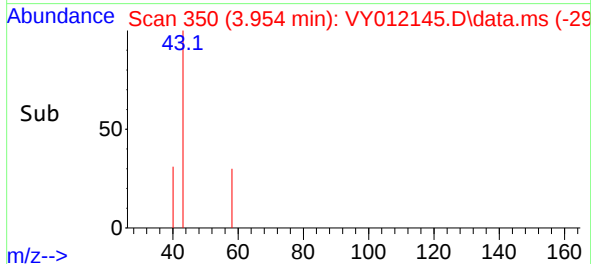
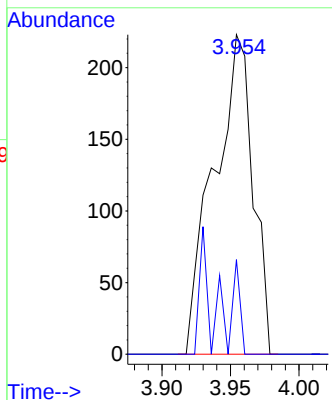
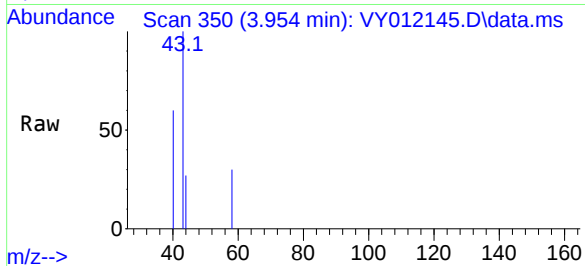




#16
Acetone
Concen: 14.240 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

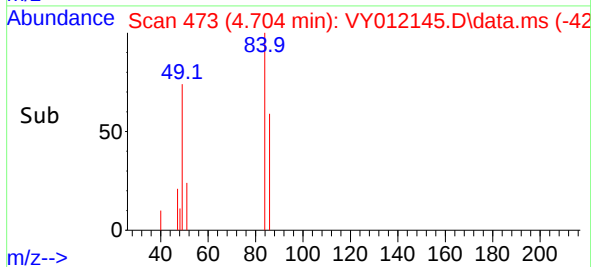
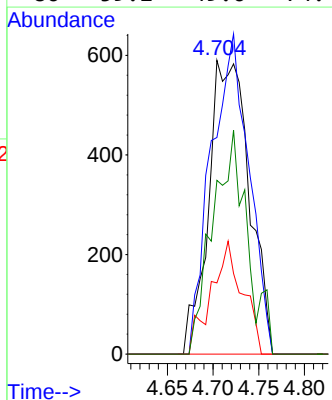
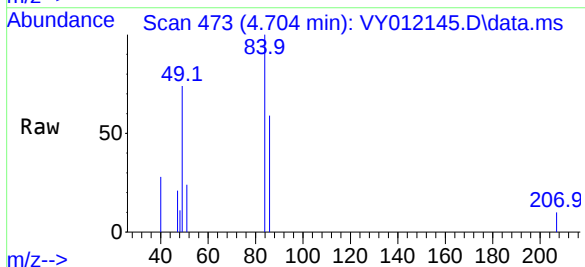
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-010923

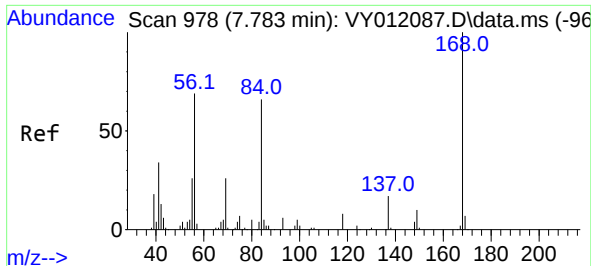
Tgt Ion: 43 Resp: 441
Ion Ratio Lower Upper
43 100
58 29.6 27.9 41.9



#20
Methylene Chloride
Concen: 9.142 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

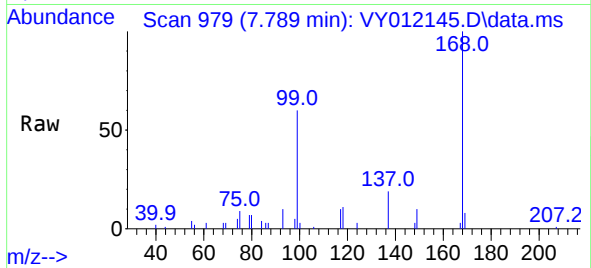
Tgt Ion: 84 Resp: 1830
Ion Ratio Lower Upper
84 100
49 73.7 95.4 143.2#
51 24.2 29.9 44.9#
86 59.2 49.6 74.4



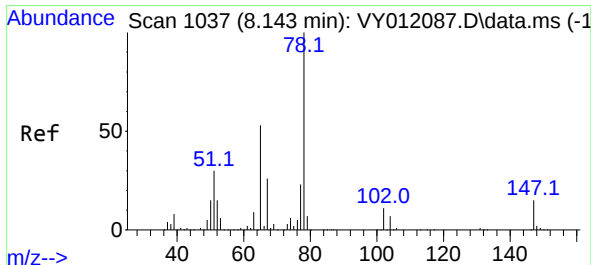
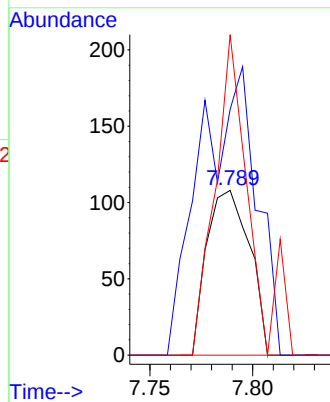
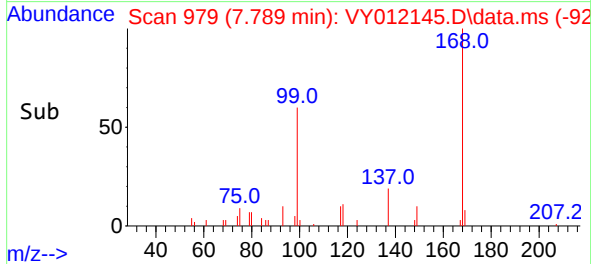


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-010923

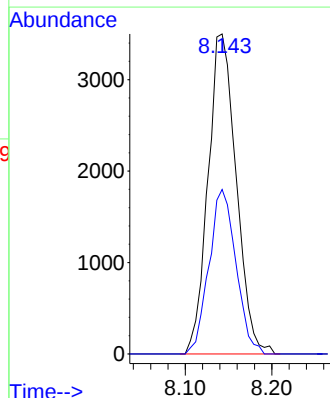
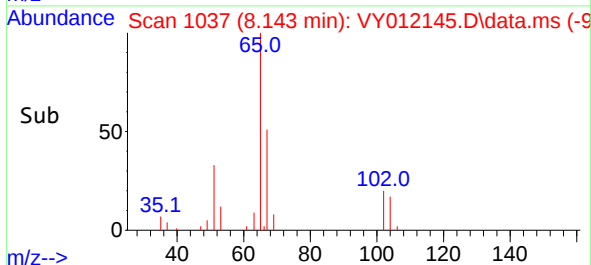
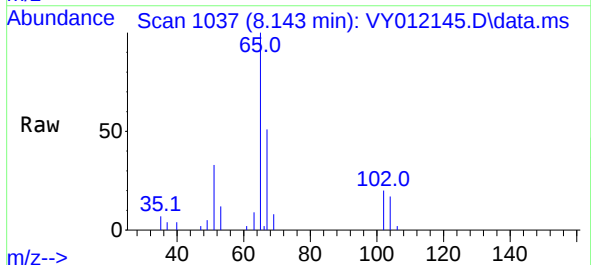


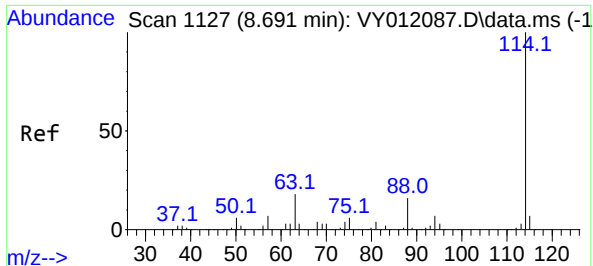
Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
69 149.1 29.2 43.8#
84 194.4 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 60.168 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Tgt Ion: 65 Resp: 7921
Ion Ratio Lower Upper
65 100
67 49.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012145.D

Acq: 10 Jan 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-010923

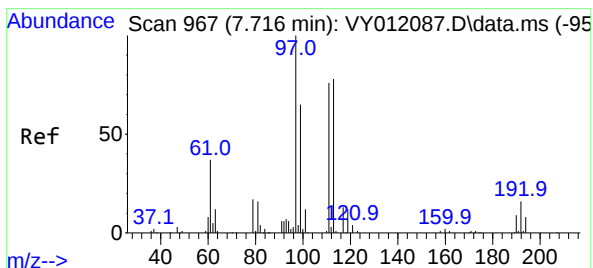
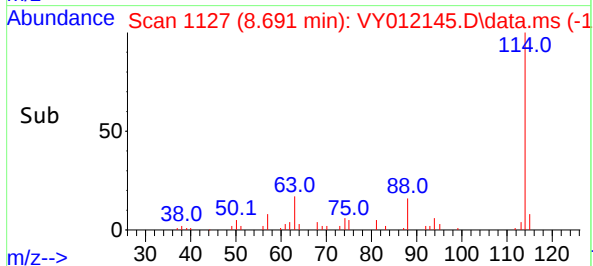
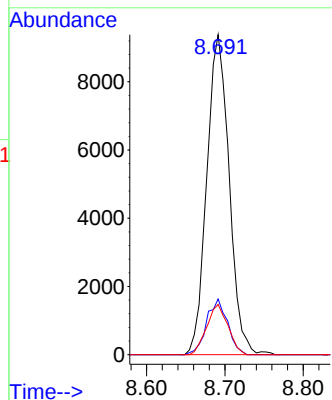
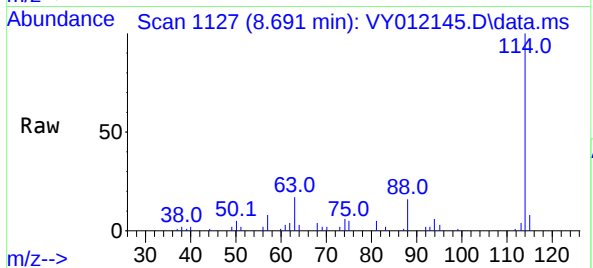
Tgt Ion:114 Resp: 18621

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.184 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012145.D

Acq: 10 Jan 2023 16:36

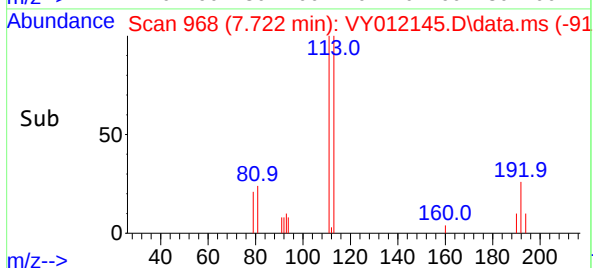
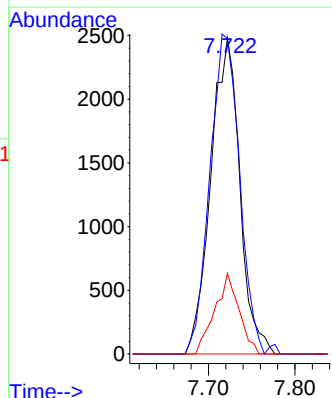
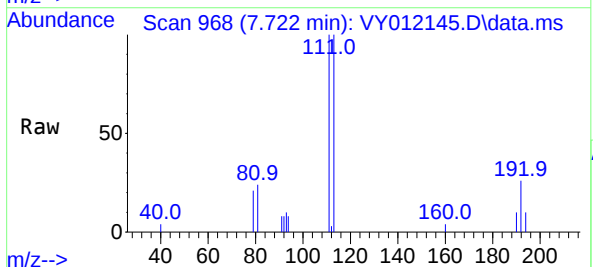
Tgt Ion:113 Resp: 5775

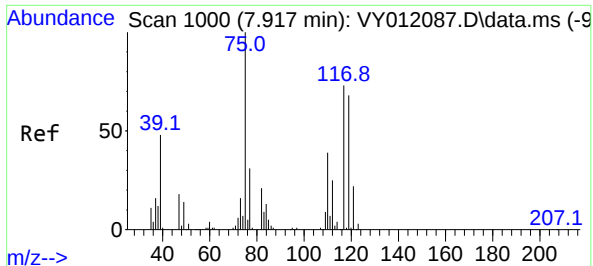
Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

192 21.2 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.529 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY012145.D

Acq: 10 Jan 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-010923

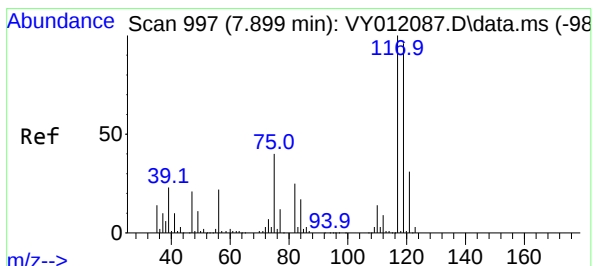
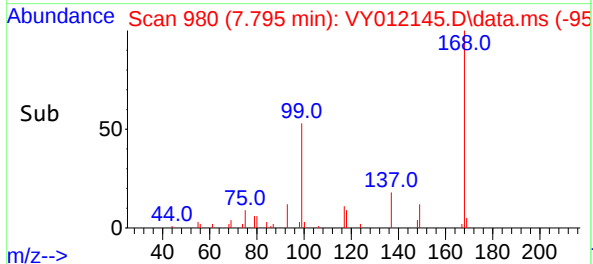
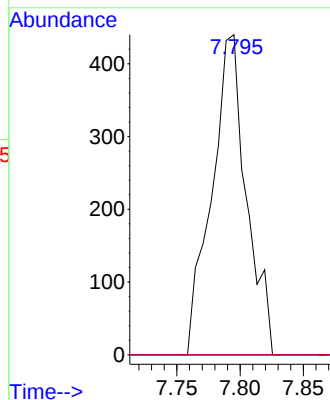
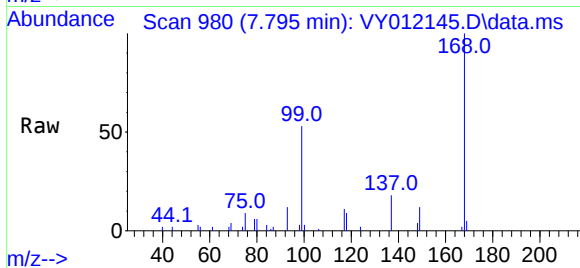
Tgt Ion: 75 Resp: 841

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.075 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.098 min

Lab File: VY012145.D

Acq: 10 Jan 2023 16:36

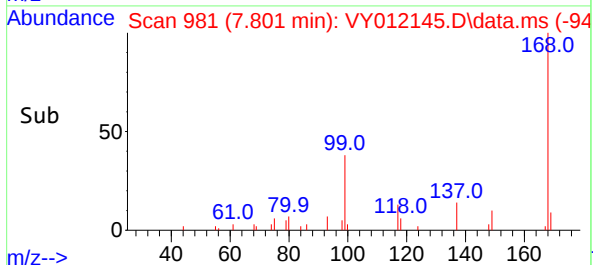
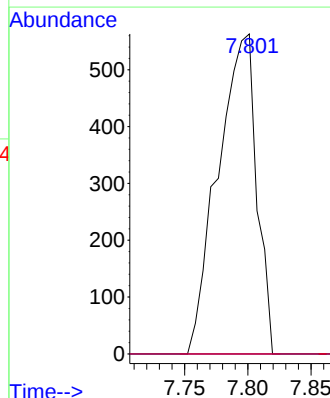
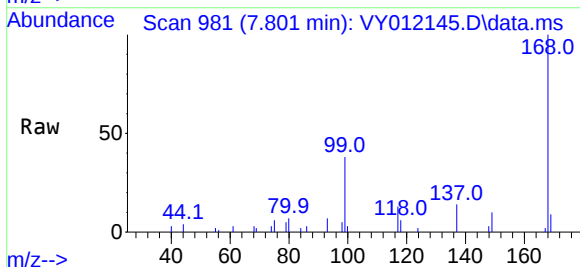
Tgt Ion: 117 Resp: 1196

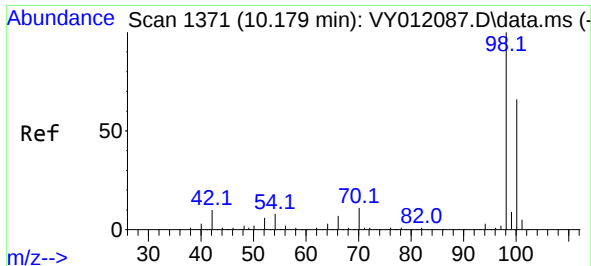
Ion Ratio Lower Upper

117 100

119 0.0 73.8 110.8#

121 0.0 25.2 37.8#

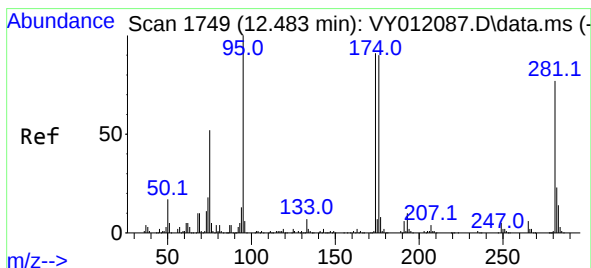
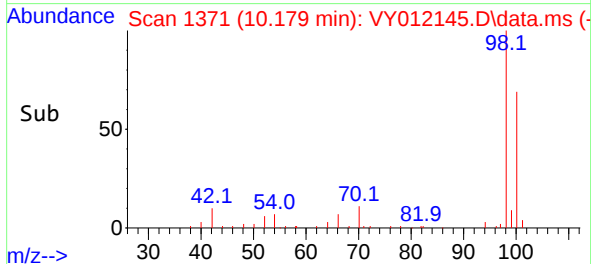
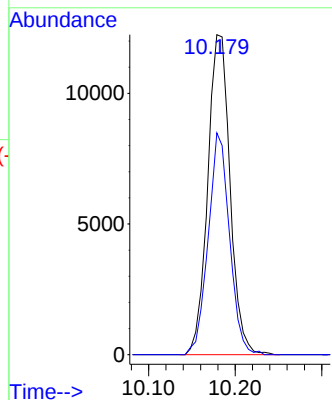
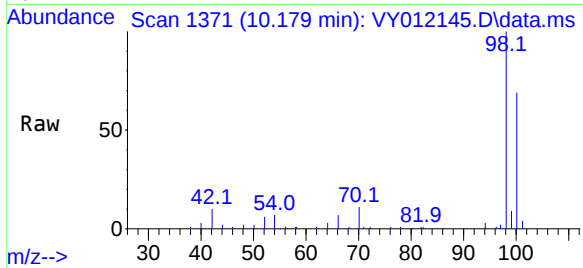




#50
Toluene-d8
Concen: 45.414 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

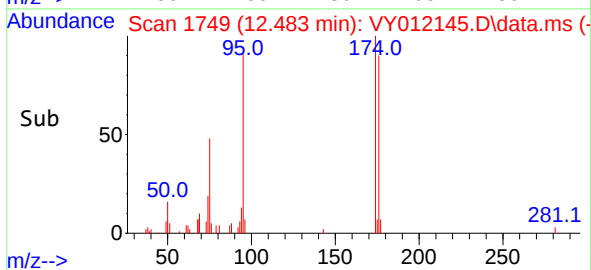
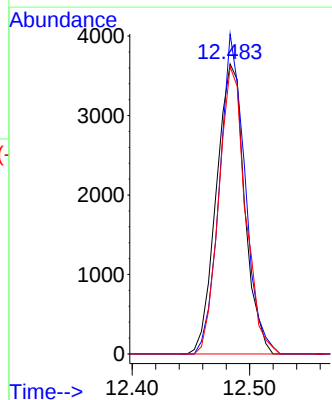
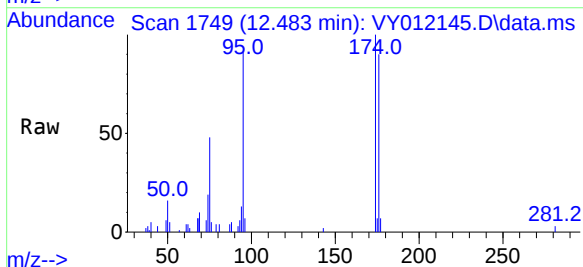
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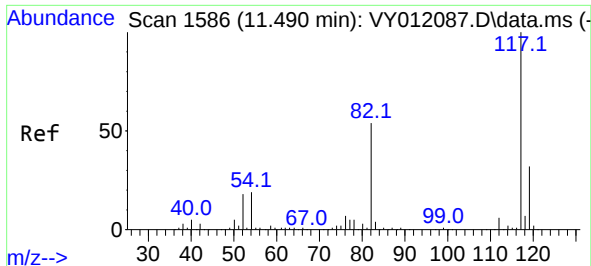
Tgt Ion: 98 Resp: 21939
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 36.154 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Tgt Ion: 95 Resp: 6105
Ion Ratio Lower Upper
95 100
174 99.2 0.0 172.0
176 92.7 0.0 167.6

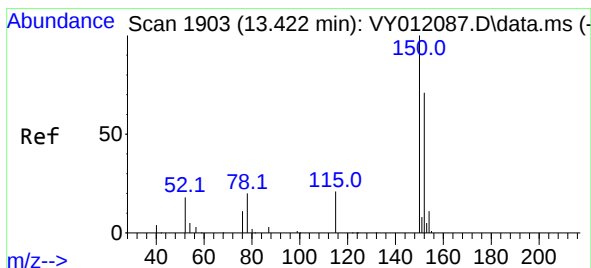
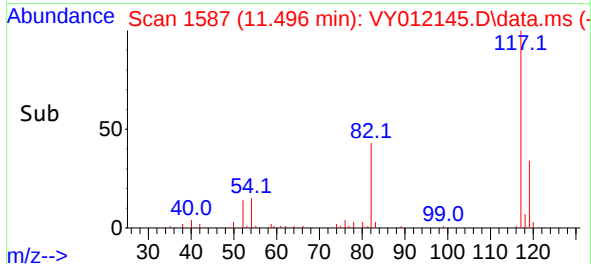
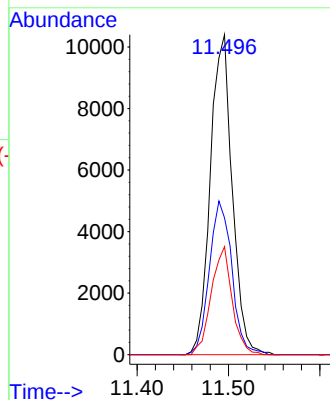
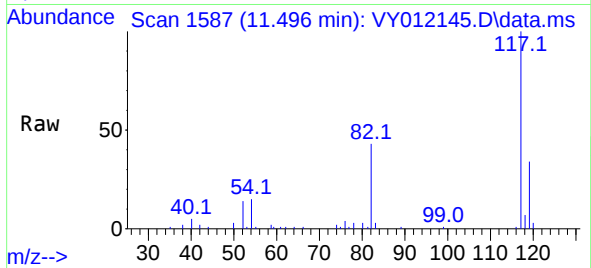




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

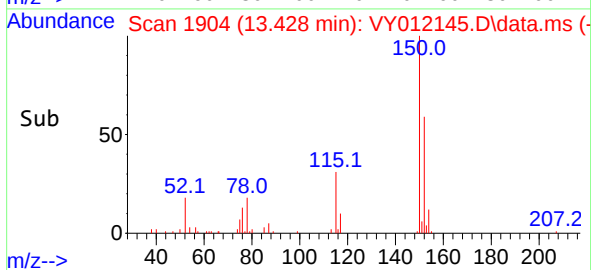
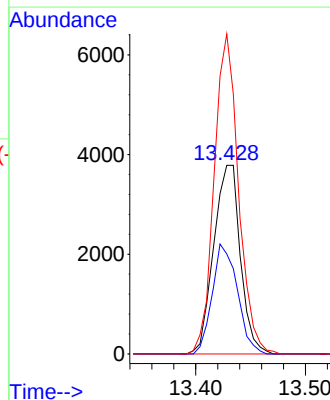
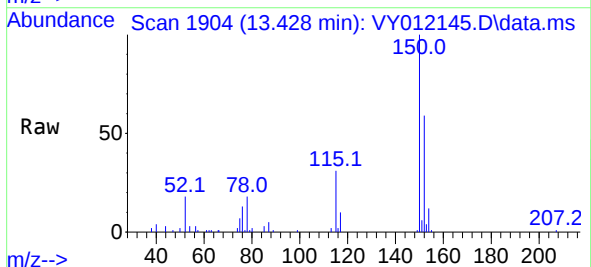
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-010923

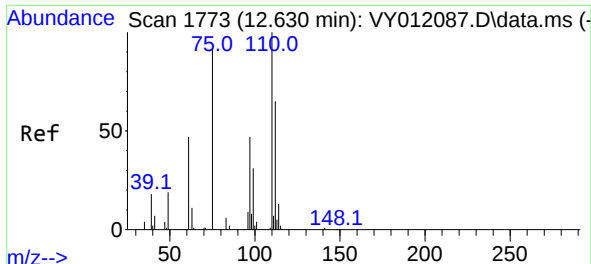
Tgt Ion:117 Resp: 17301
Ion Ratio Lower Upper
117 100
82 42.8 44.8 67.2#
119 33.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Tgt Ion:152 Resp: 6400
Ion Ratio Lower Upper
152 100
115 54.8 29.1 87.3
150 154.6 0.0 342.6

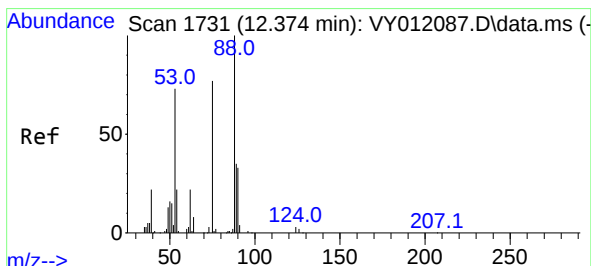
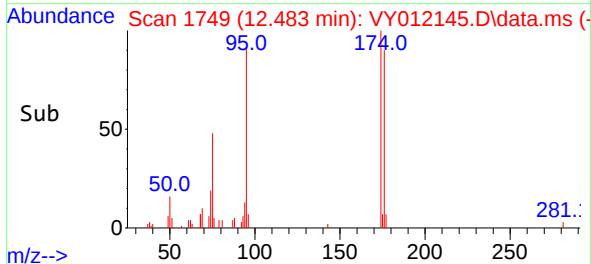
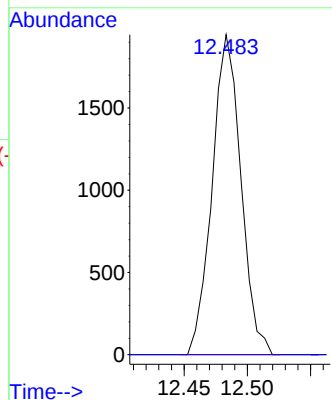
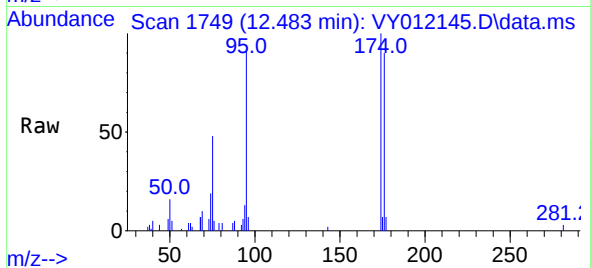




#76
1,2,3-Trichloropropane
Concen: 42.094 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-010923

Tgt Ion: 75 Resp: 3076
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 93.483 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Tgt Ion: 75 Resp: 3076
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

