

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016028.D
 Acq On : 18 Oct 2023 18:28
 Operator : SY/MD
 Sample : 04938-08
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 03:27:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

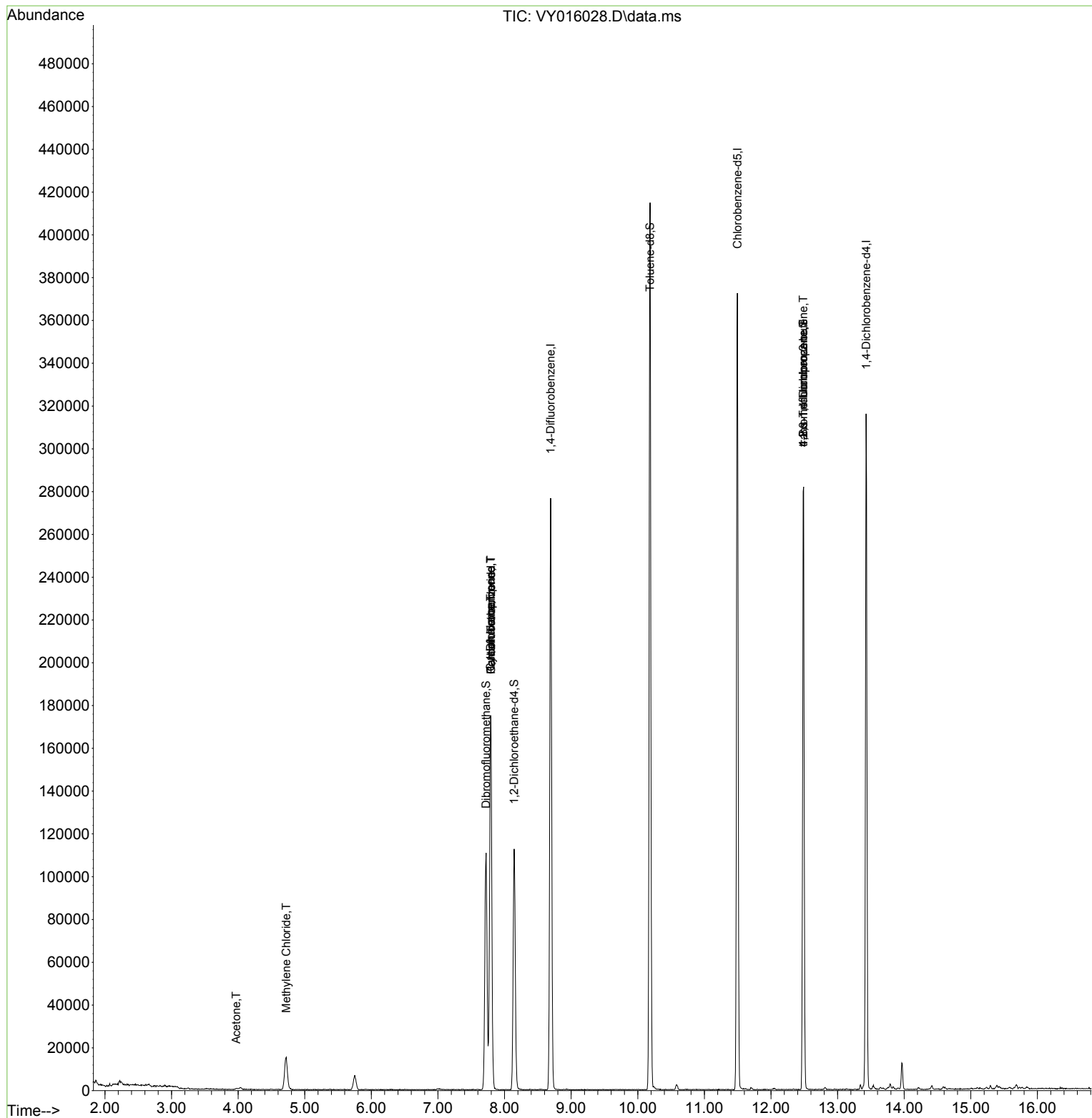
Internal Standards						
1) Pentafluorobenzene	7.795	168	141155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	209841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89252	55.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.260%	
35) Dibromofluoromethane	7.722	113	78251	49.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.500%	
50) Toluene-d8	10.185	98	273954	47.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.483	95	84293	41.353	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	698	1.174	ug/l #	85
20) Methylene Chloride	4.723	84	11638	6.587	ug/l #	82
31) Cyclohexane	7.789	56	2760	1.099	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	10525	4.447	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13580	5.399	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	44079	37.743	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44079	82.389	ug/l #	11

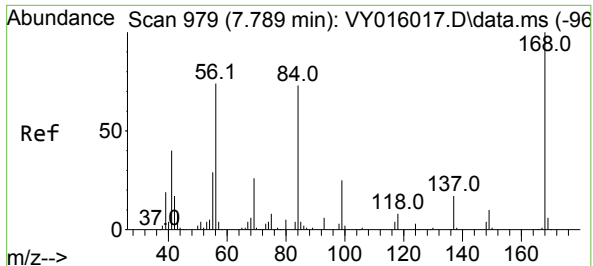
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 19 03:15:44 2023
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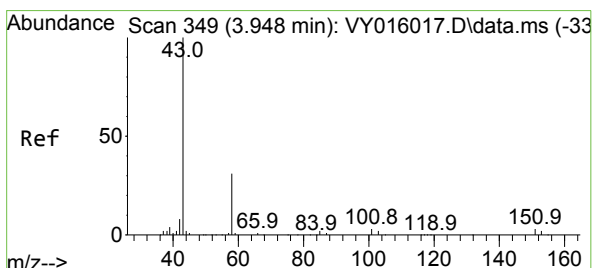
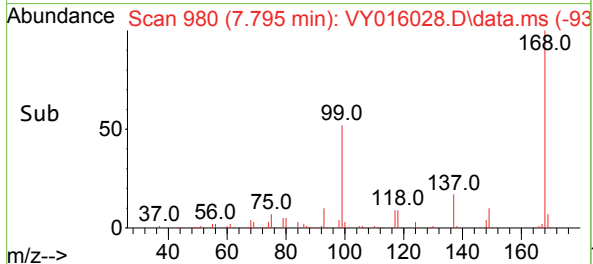
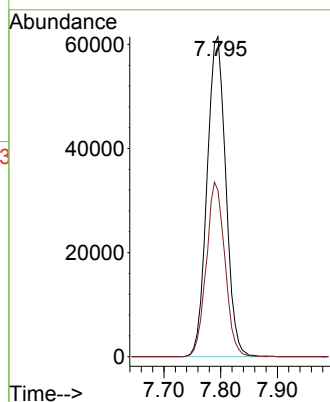
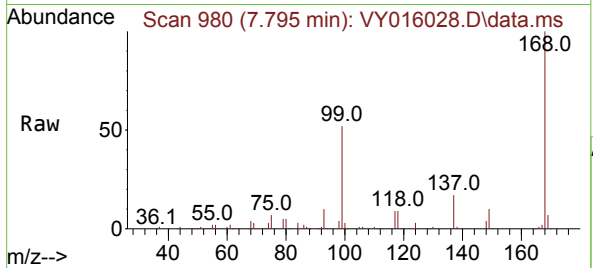




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

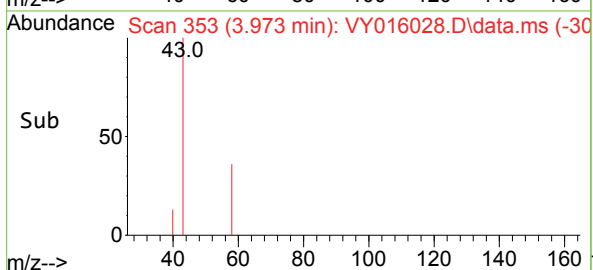
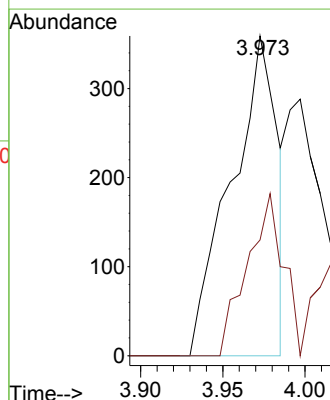
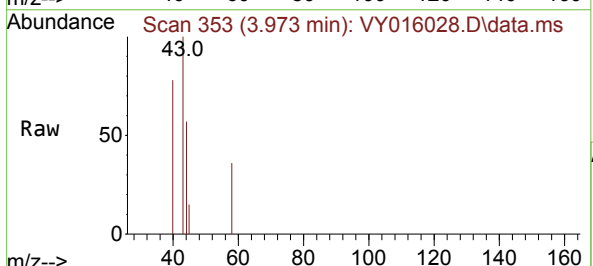
Instrument :
MSVOA_Y
ClientSampleId :

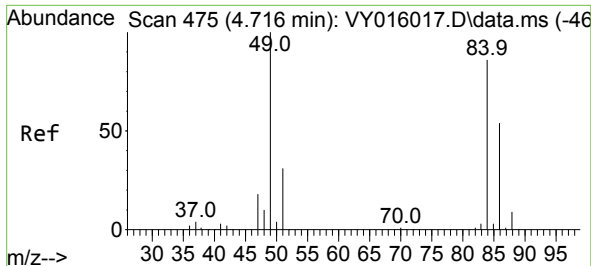
Tgt Ion:168 Resp: 141155
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#16
Acetone
Concen: 1.174 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.024 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

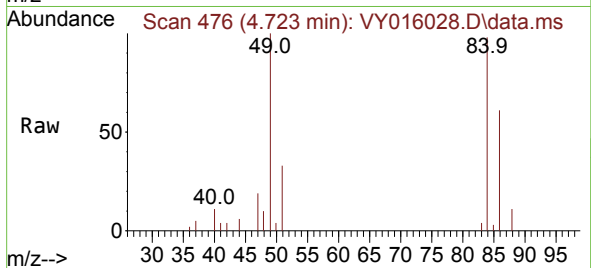
Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
58 36.2 22.7 34.1#



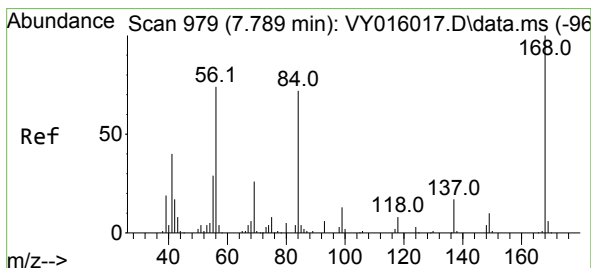
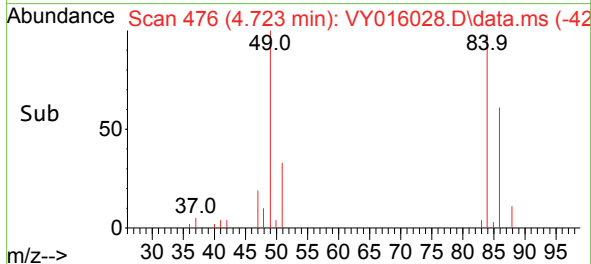
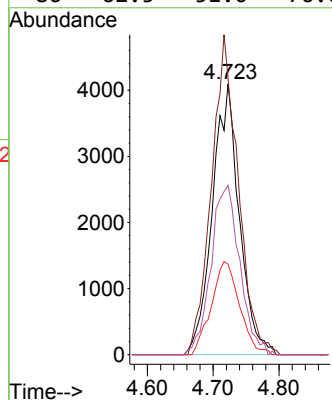


#20
Methylene Chloride
Concen: 6.587 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

Instrument :
MSVOA_Y
ClientSampleId :

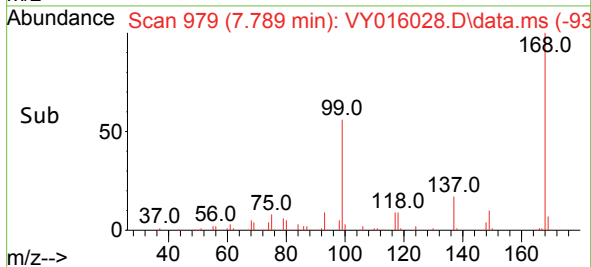
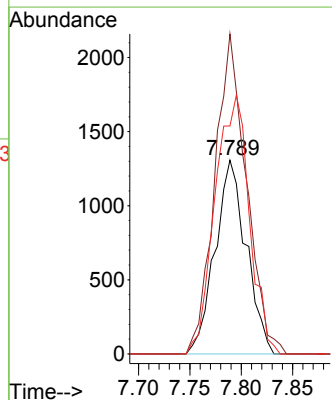
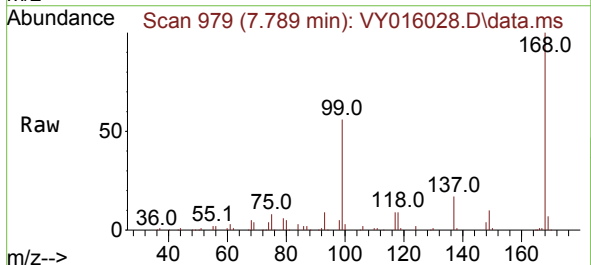


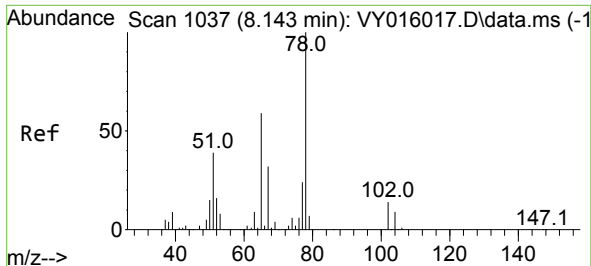
Tgt Ion: 84 Resp: 11638
Ion Ratio Lower Upper
84 100
49 102.0 106.9 160.3#
51 33.4 33.2 49.8
86 62.5 51.0 76.6



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

Tgt Ion: 56 Resp: 2760
Ion Ratio Lower Upper
56 100
69 165.2 27.8 41.6#
84 117.7 66.4 99.6#

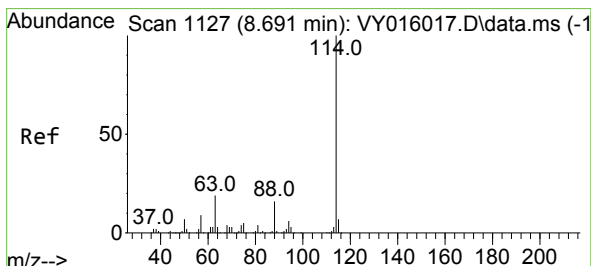
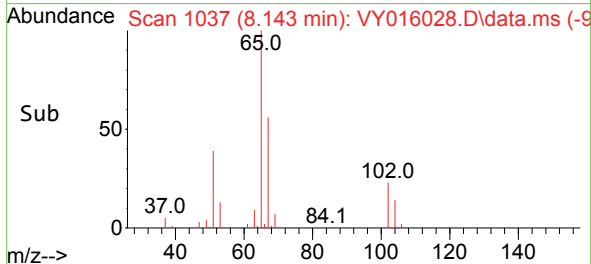
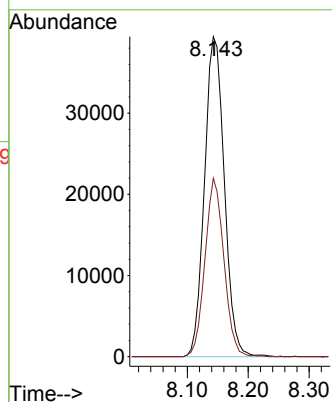
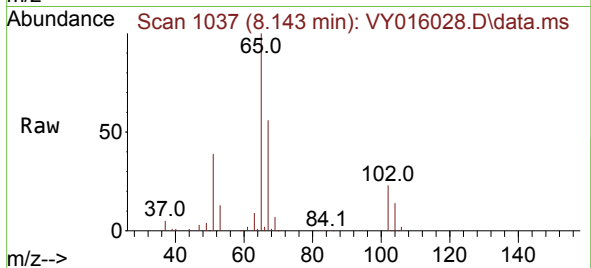




#33
1,2-Dichloroethane-d4
Concen: 55.632 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

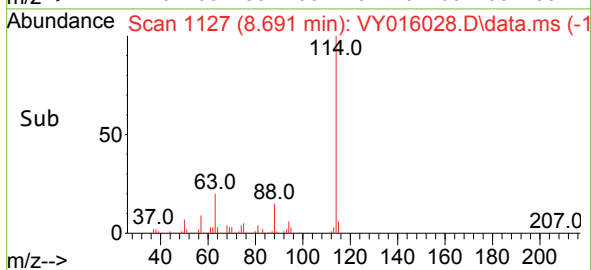
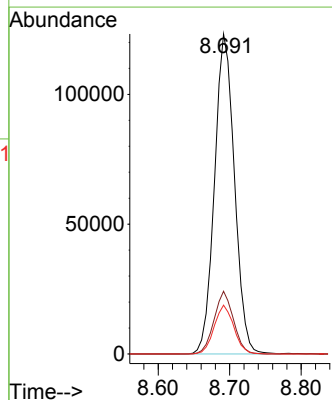
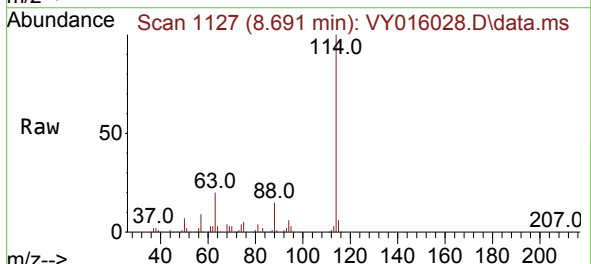
Instrument :
MSVOA_Y
ClientSampleId :

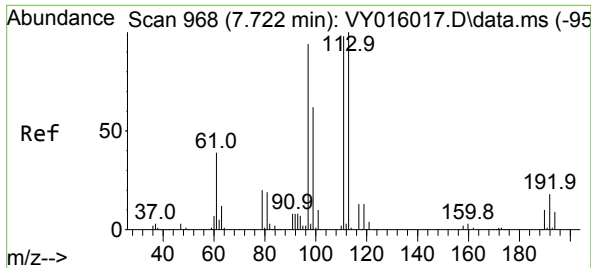
Tgt Ion: 65 Resp: 89252
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

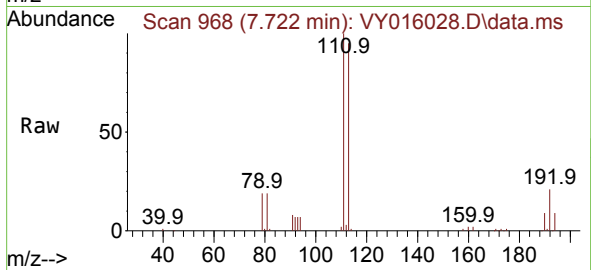
Tgt Ion: 114 Resp: 238974
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 15.3 0.0 30.6



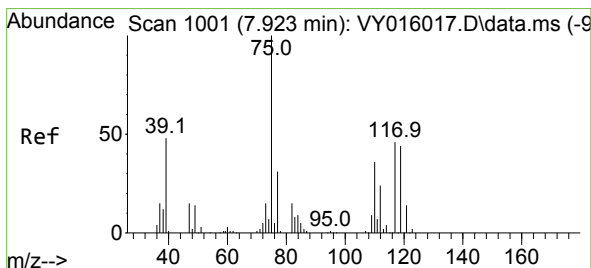
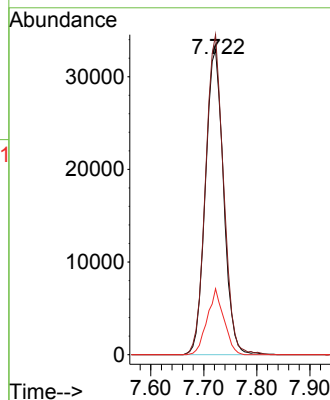
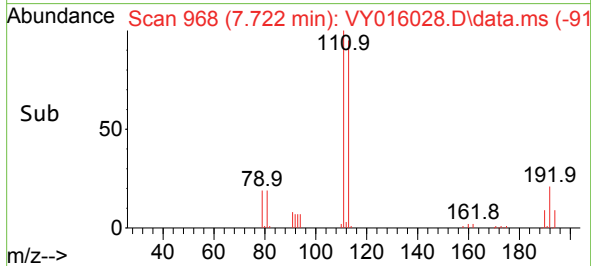


#35
Dibromofluoromethane
Concen: 49.748 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

Instrument :
MSVOA_Y
ClientSampleId :

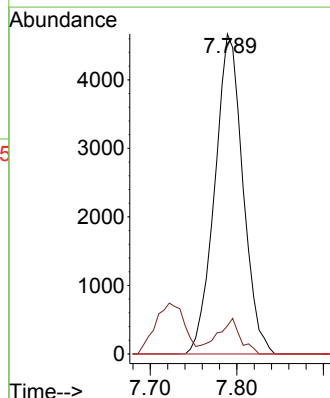
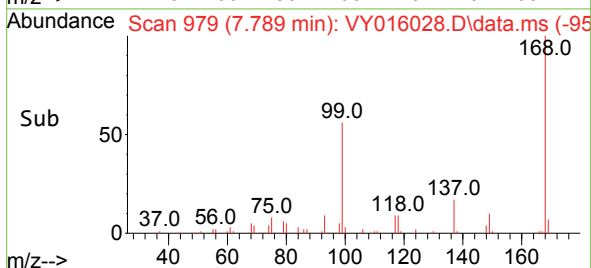
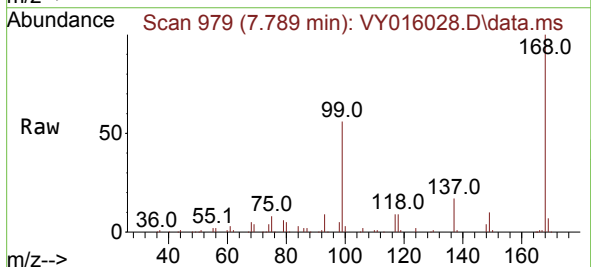


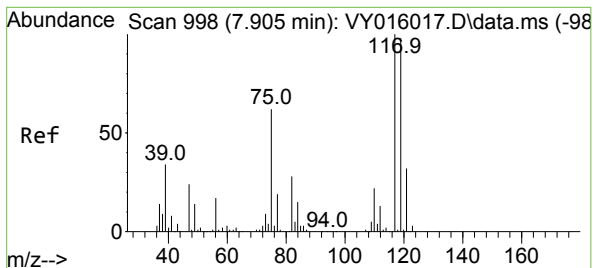
Tgt Ion:113 Resp: 78251
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.447 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

Tgt Ion: 75 Resp: 10525
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.399 ug/l

RT: 7.795 min Scan# 998

Delta R.T. -0.110 min

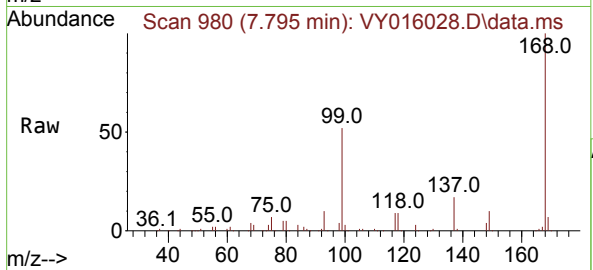
Lab File: VY016028.D

Acq: 18 Oct 2023 18:28

Instrument :

MSVOA_Y

ClientSampleId :



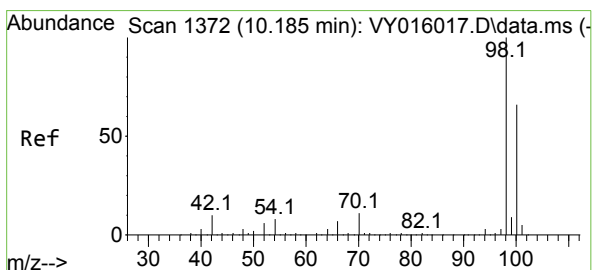
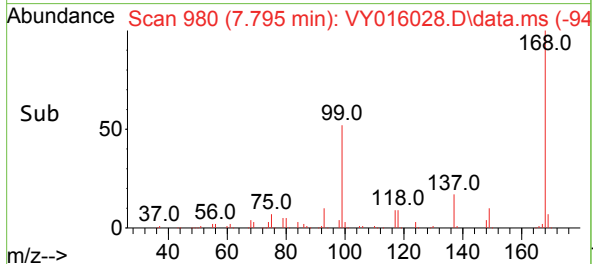
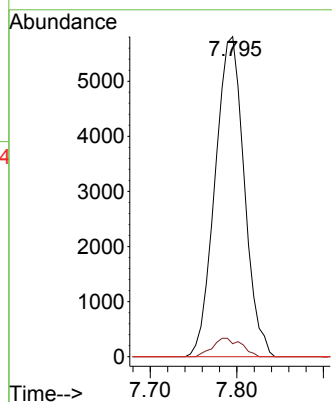
Tgt Ion:117 Resp: 13580

Ion Ratio Lower Upper

117 100

119 4.1 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 47.955 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY016028.D

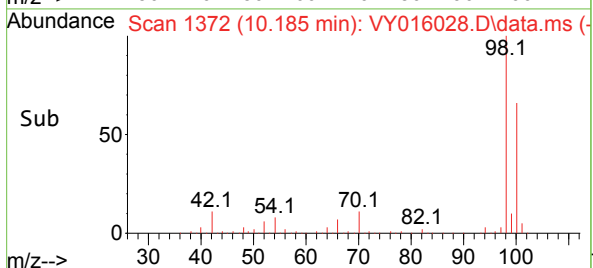
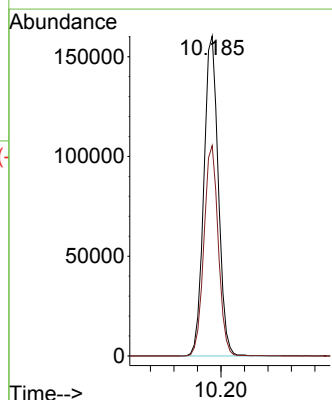
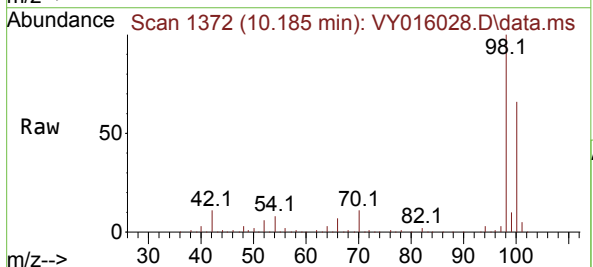
Acq: 18 Oct 2023 18:28

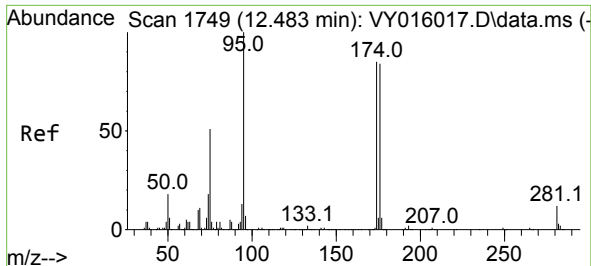
Tgt Ion: 98 Resp: 273954

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

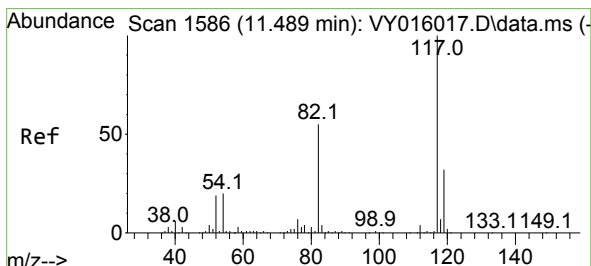
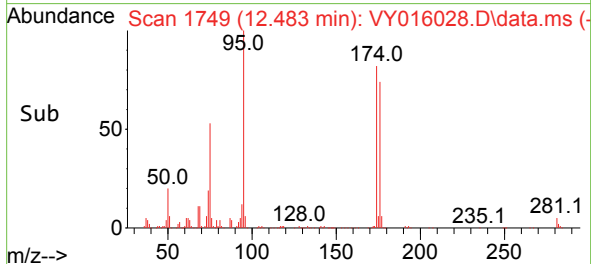
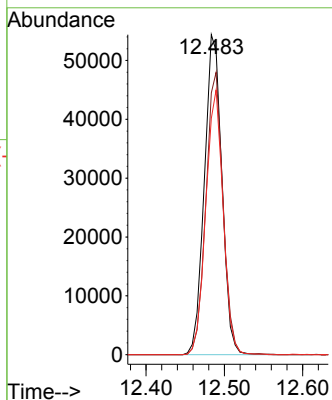
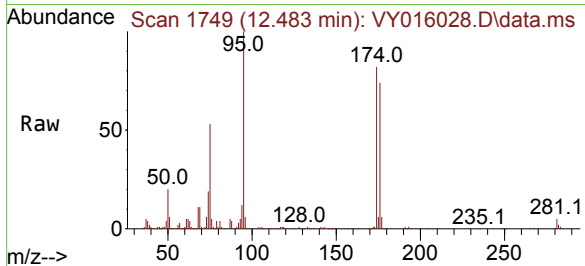




#62
4-Bromofluorobenzene
Concen: 41.353 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

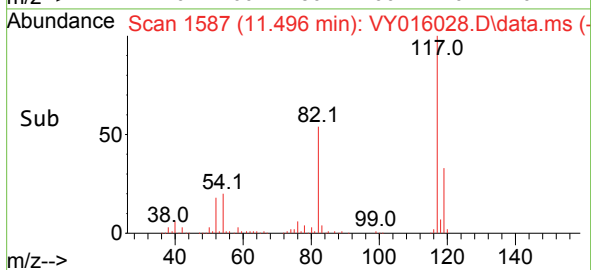
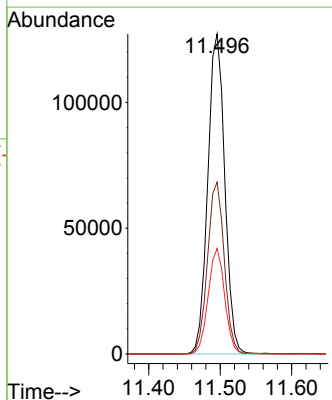
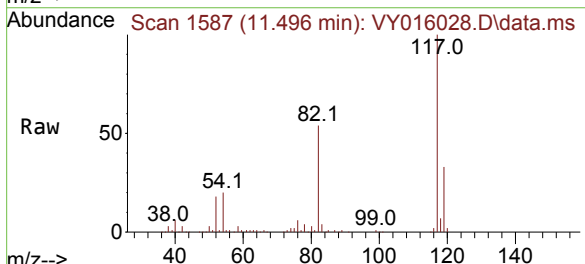
Instrument :
MSVOA_Y
ClientSampleId :

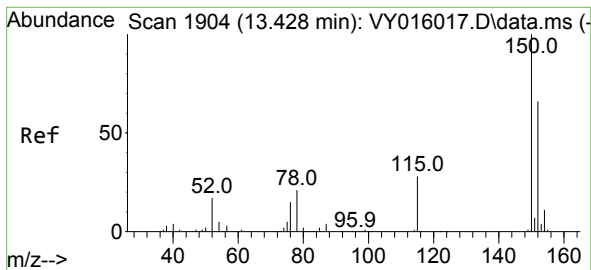
Tgt Ion: 95 Resp: 84293
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016028.D
Acq: 18 Oct 2023 18:28

Tgt Ion: 117 Resp: 209841
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 33.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016028.D

Acq: 18 Oct 2023 18:28

Instrument :

MSVOA_Y

ClientSampleId :

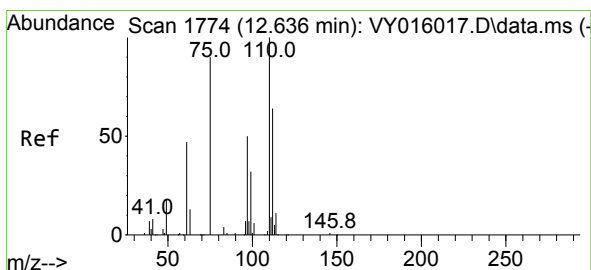
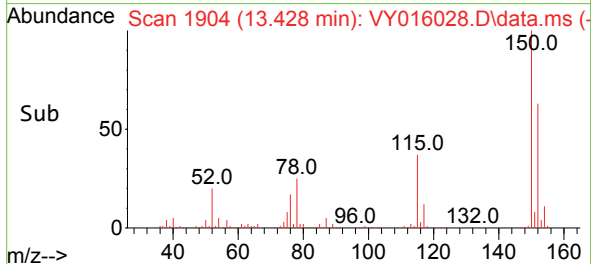
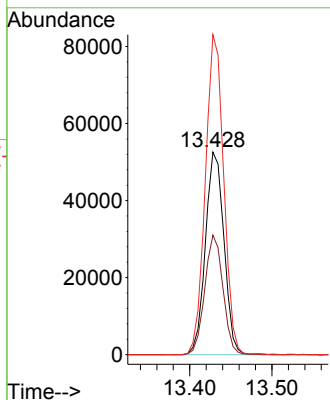
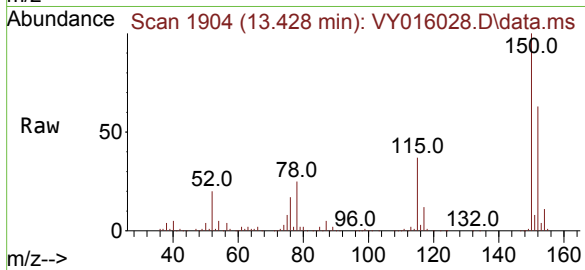
Tgt Ion:152 Resp: 82483

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.743 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY016028.D

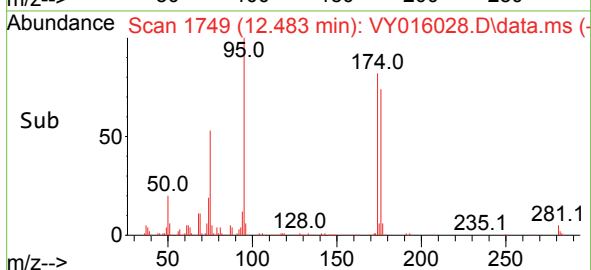
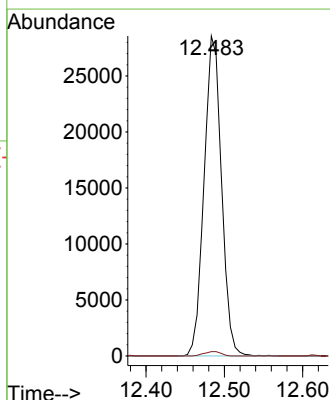
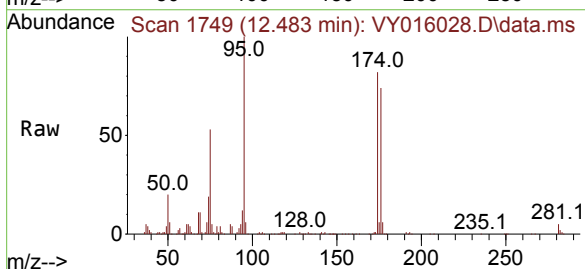
Acq: 18 Oct 2023 18:28

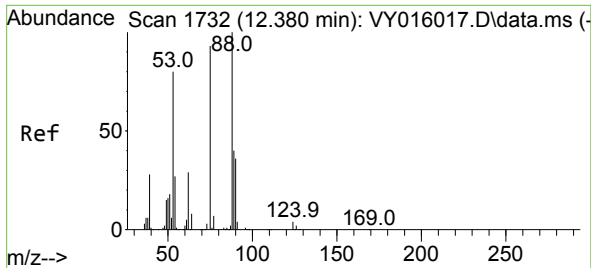
Tgt Ion: 75 Resp: 44079

Ion Ratio Lower Upper

75 100

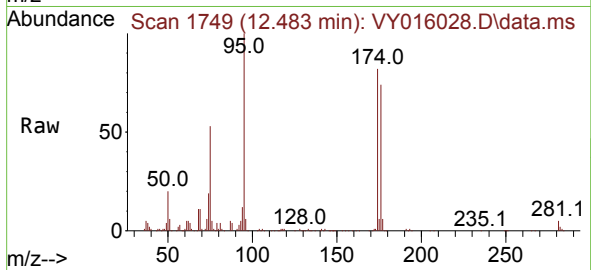
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.389 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016028.D
 Acq: 18 Oct 2023 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 44079
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

