

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016027.D
 Acq On : 18 Oct 2023 18:05
 Operator : SY/MD
 Sample : 04938-04
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 03:27:19 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)

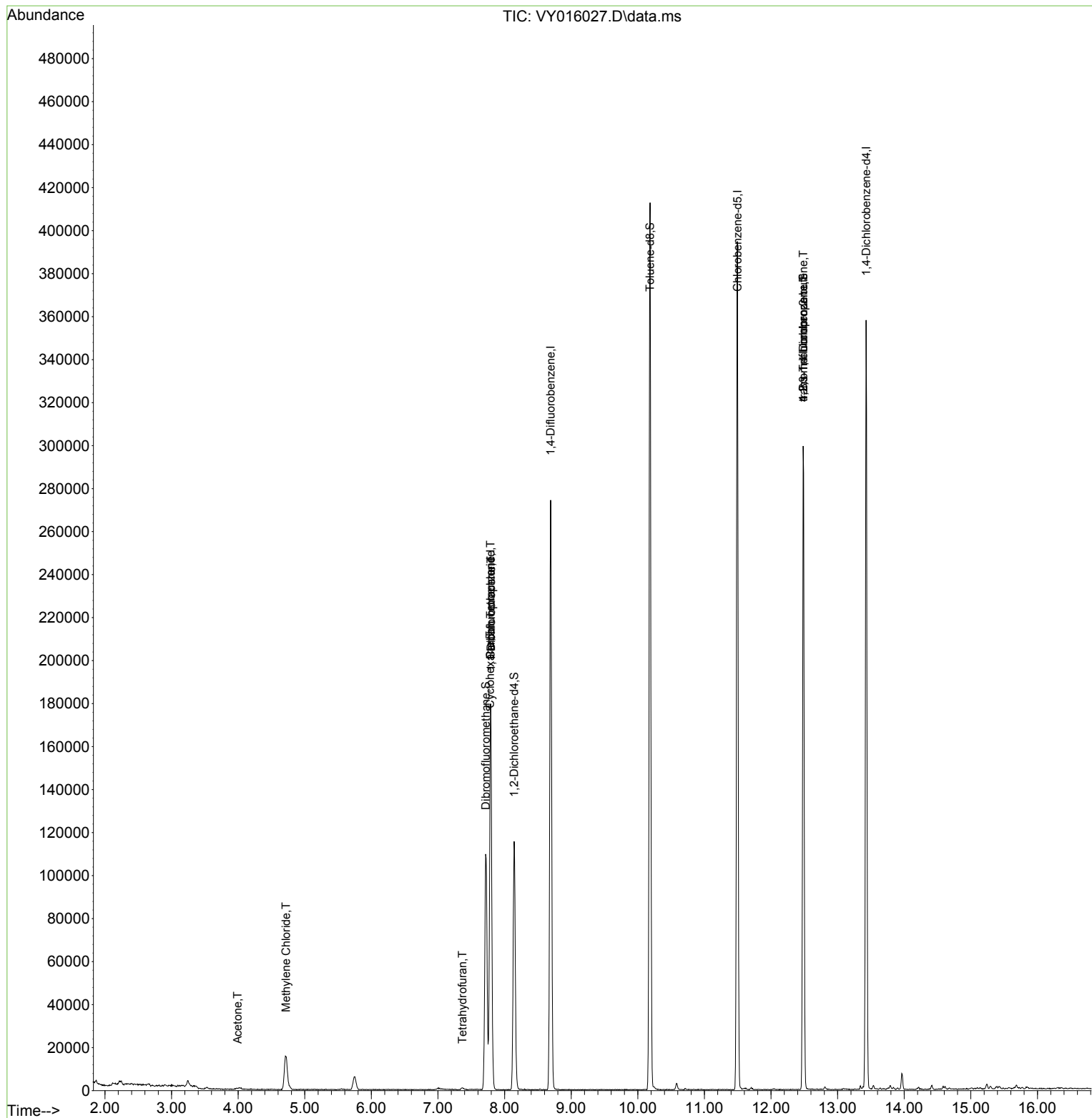
Internal Standards						
1) Pentafluorobenzene	7.789	168	141307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	216118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91074	56.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.420%	
35) Dibromofluoromethane	7.716	113	80126	51.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.040%	
50) Toluene-d8	10.185	98	274322	48.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.120%	
62) 4-Bromofluorobenzene	12.483	95	89819	44.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.120%	
Target Compounds						Qvalue
16) Acetone	3.991	43	1048	1.760	ug/l #	83
20) Methylene Chloride	4.716	84	12447	7.038	ug/l	90
29) Tetrahydrofuran	7.368	42	699	1.416	ug/l	96
31) Cyclohexane	7.783	56	2707	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10623	4.540	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13856	5.571	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	47045	35.235	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47045	76.915	ug/l #	11

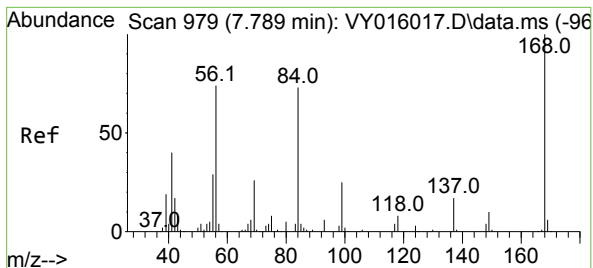
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY016027.D

Acq: 18 Oct 2023 18:05

Instrument :

MSVOA_Y

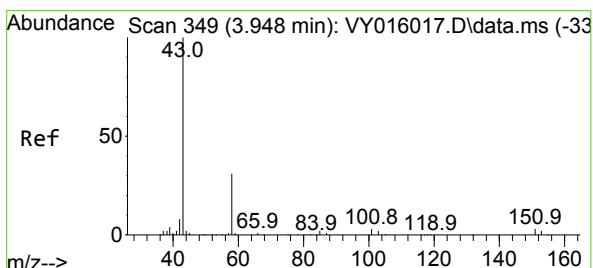
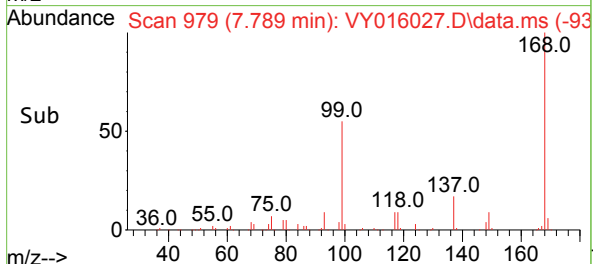
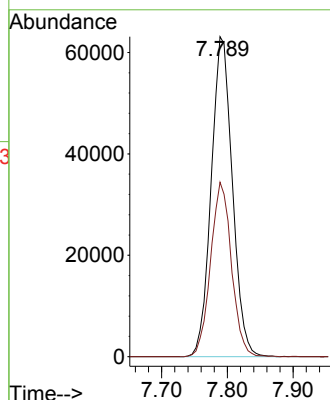
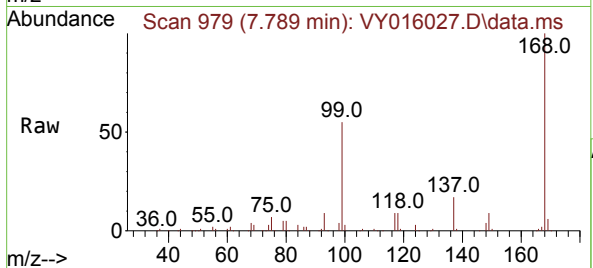
ClientSampleId :

Tgt Ion:168 Resp: 141307

Ion Ratio Lower Upper

168 100

99 54.5 43.4 65.0



#16

Acetone

Concen: 1.760 ug/l

RT: 3.991 min Scan# 356

Delta R.T. 0.042 min

Lab File: VY016027.D

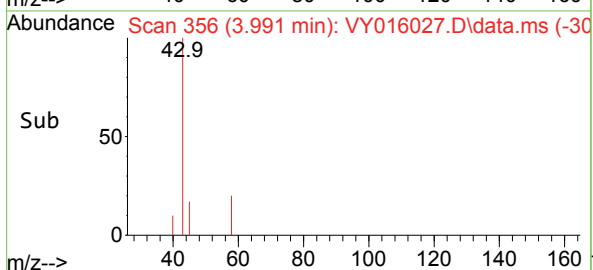
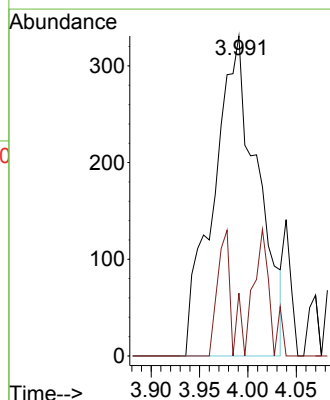
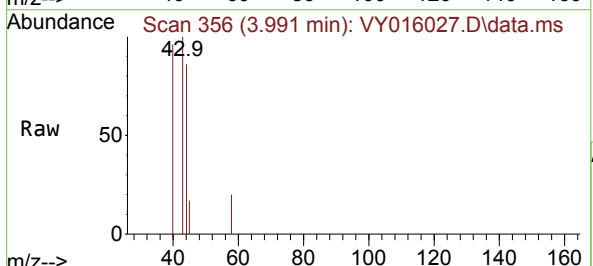
Acq: 18 Oct 2023 18:05

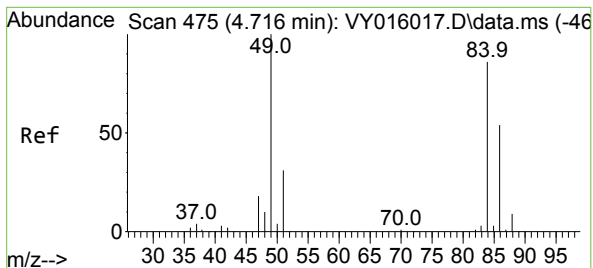
Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

43 100

58 19.6 22.7 34.1#





#20

Methylene Chloride

Concen: 7.038 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.000 min

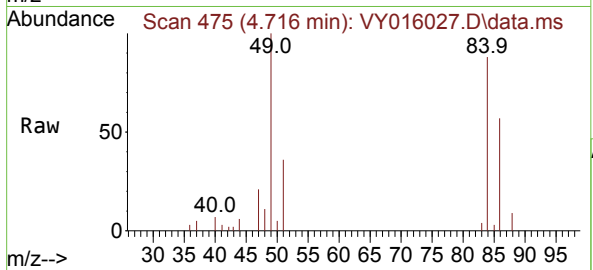
Lab File: VY016027.D

Acq: 18 Oct 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 12447

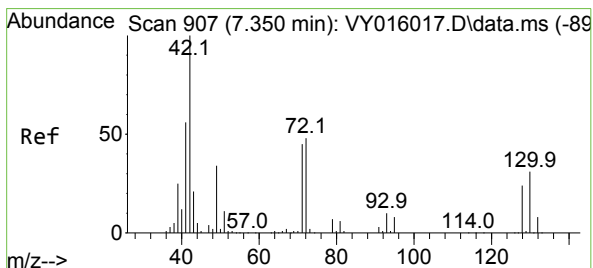
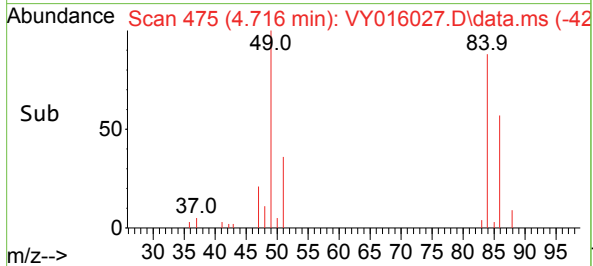
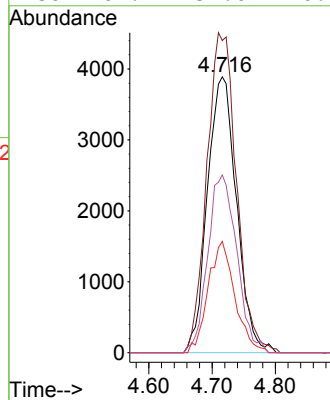
Ion Ratio Lower Upper

84 100

49 113.1 106.9 160.3

51 40.3 33.2 49.8

86 64.4 51.0 76.6



#29

Tetrahydrofuran

Concen: 1.416 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY016027.D

Acq: 18 Oct 2023 18:05

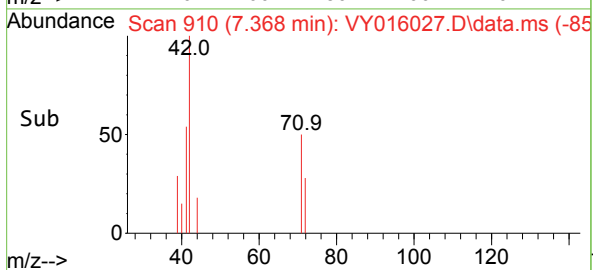
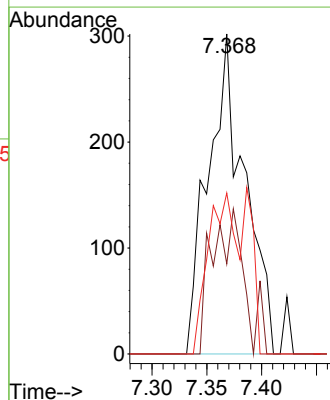
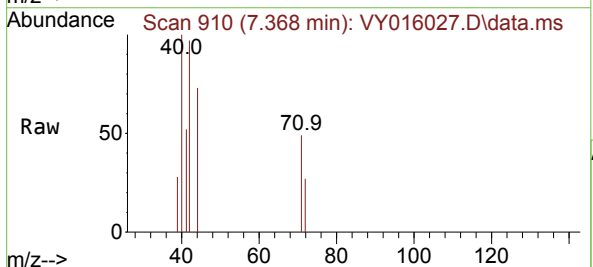
Tgt Ion: 42 Resp: 699

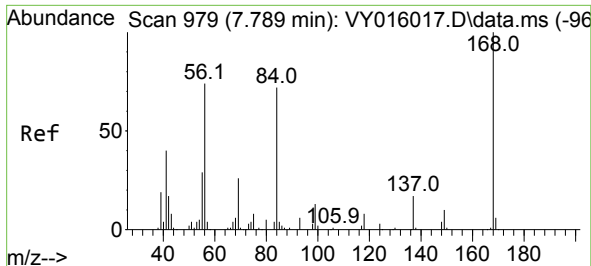
Ion Ratio Lower Upper

42 100

72 36.5 32.8 49.2

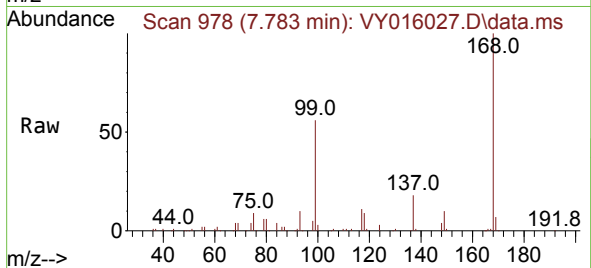
71 39.6 31.0 46.4



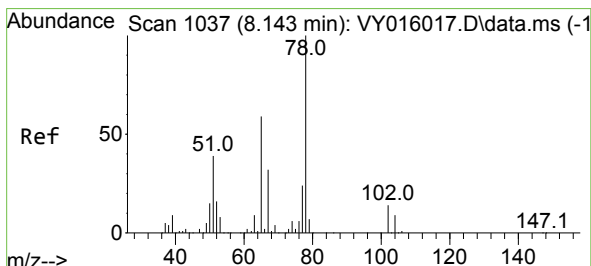
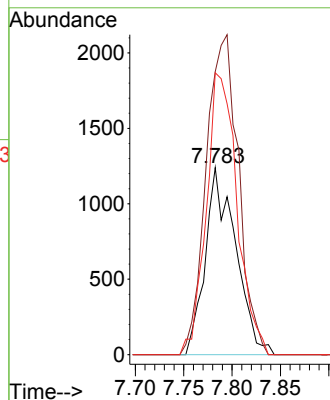
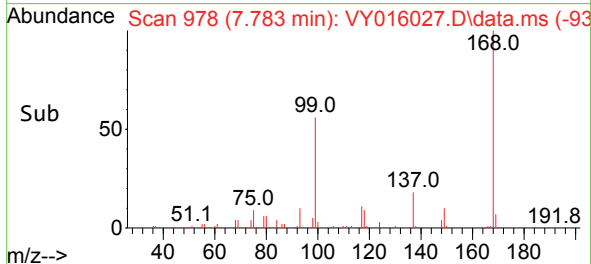


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

Instrument :
MSVOA_Y
ClientSampleId :

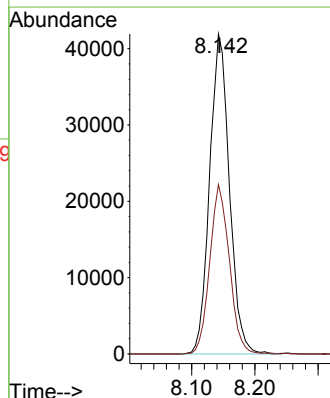
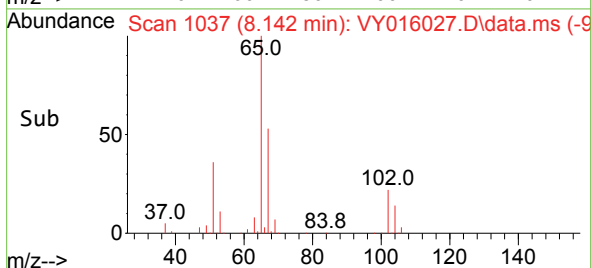
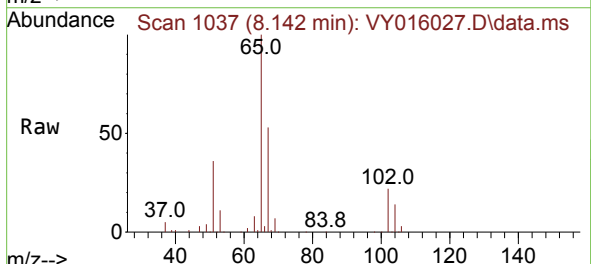


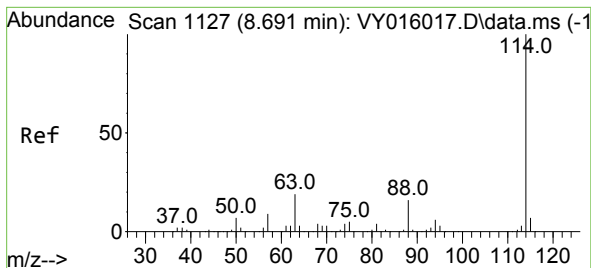
Tgt Ion: 56 Resp: 2707
Ion Ratio Lower Upper
56 100
69 151.3 27.8 41.6#
84 150.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.707 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

Tgt Ion: 65 Resp: 91074
Ion Ratio Lower Upper
65 100
67 52.4 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: VY016027.D

Acq: 18 Oct 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

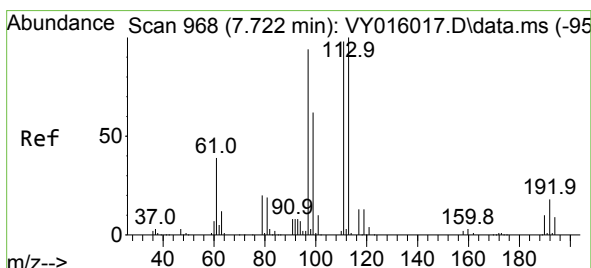
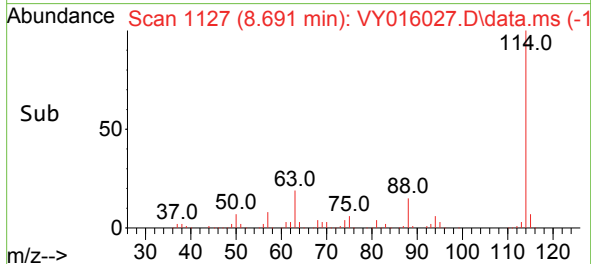
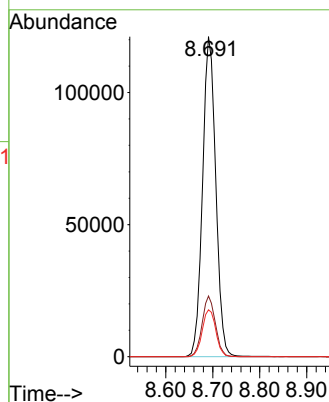
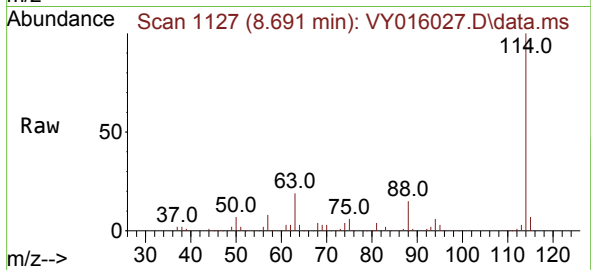
Tgt Ion:114 Resp: 236302

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.516 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY016027.D

Acq: 18 Oct 2023 18:05

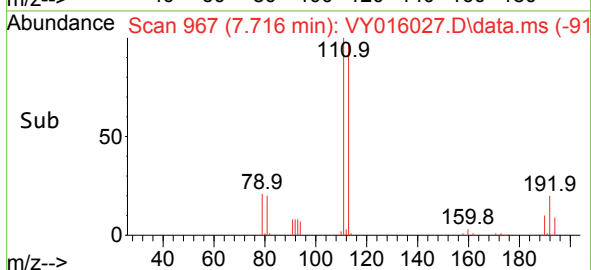
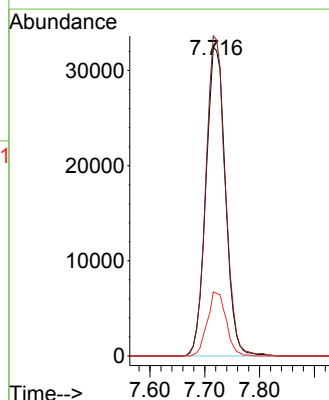
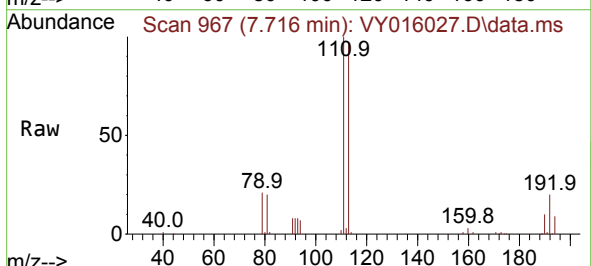
Tgt Ion:113 Resp: 80126

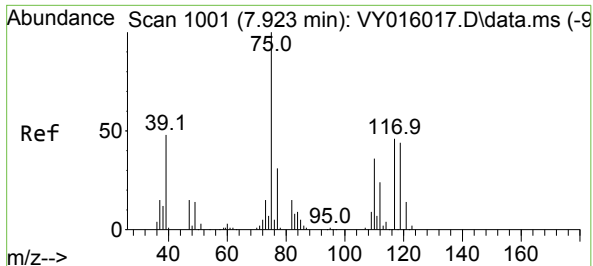
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.540 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

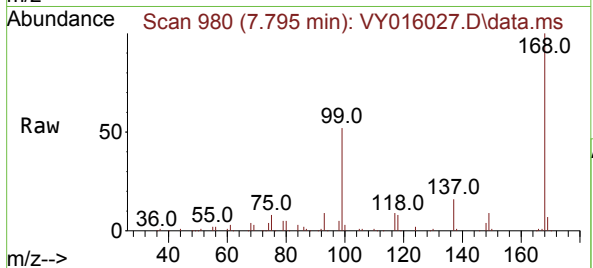
Lab File: VY016027.D

Acq: 18 Oct 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :



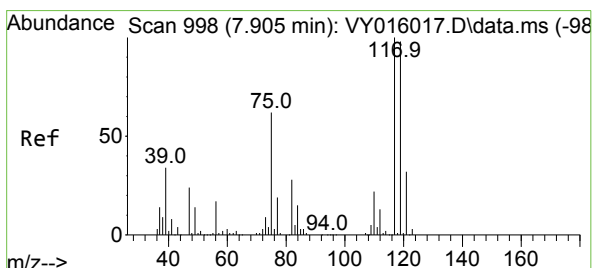
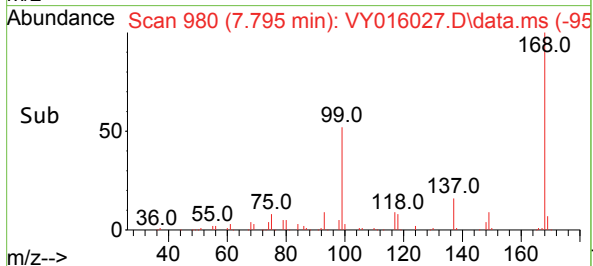
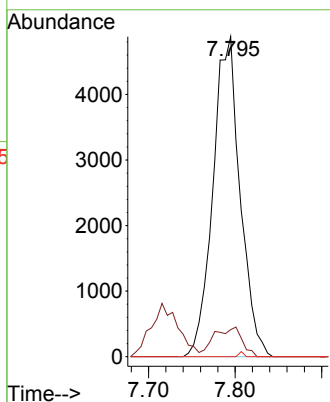
Tgt Ion: 75 Resp: 10623

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.5#

77 0.3 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.571 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY016027.D

Acq: 18 Oct 2023 18:05

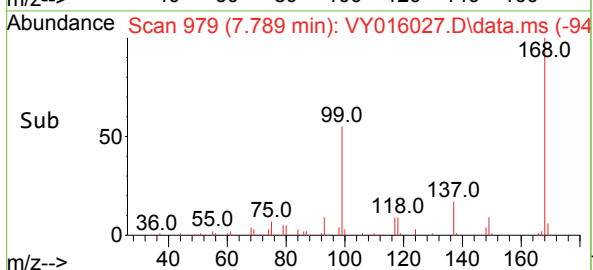
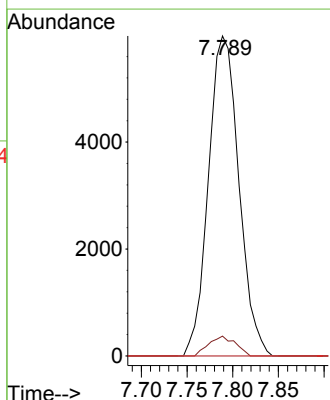
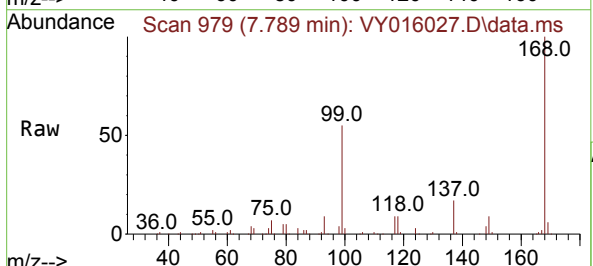
Tgt Ion: 117 Resp: 13856

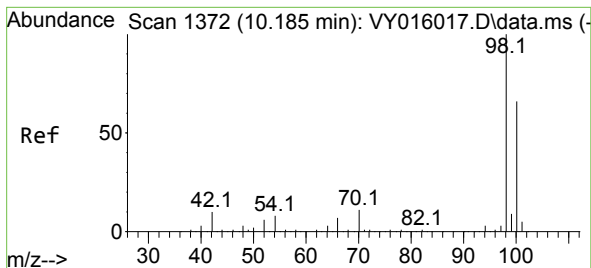
Ion Ratio Lower Upper

117 100

119 6.2 76.4 114.6#

121 0.0 25.8 38.6#

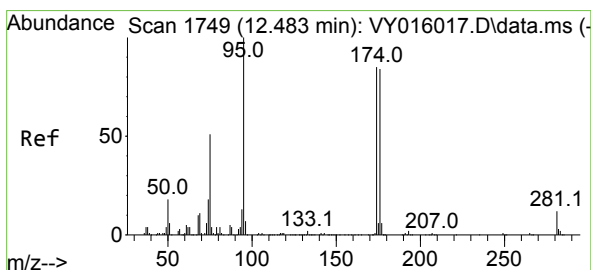
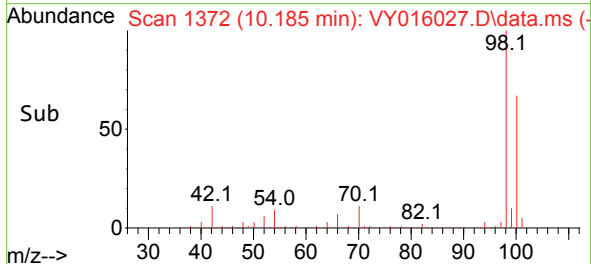
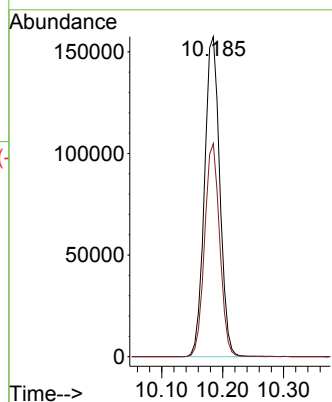
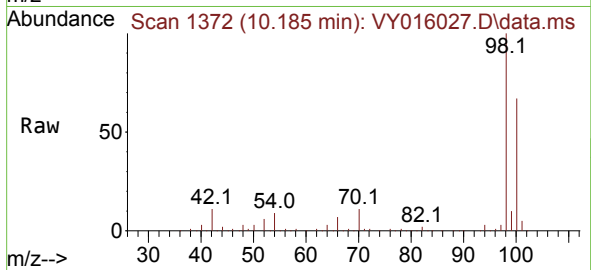




#50
Toluene-d8
Concen: 48.562 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

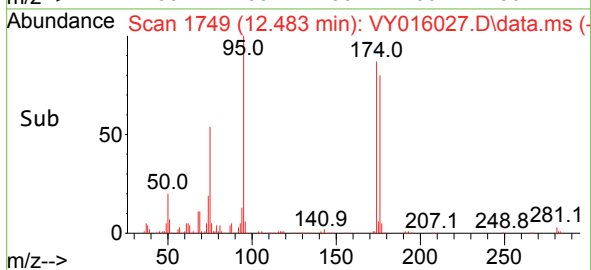
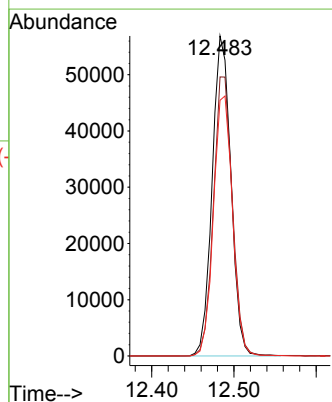
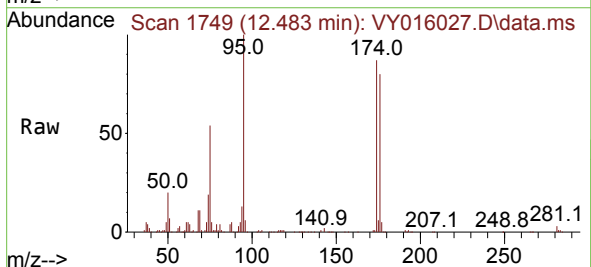
Instrument :
MSVOA_Y
ClientSampleId :

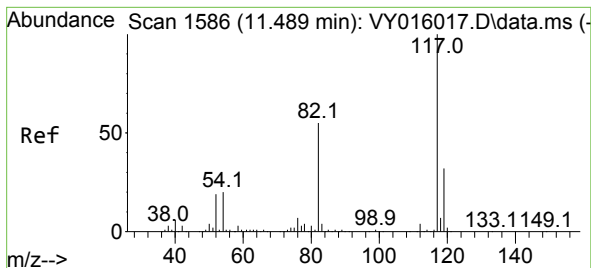
Tgt Ion: 98 Resp: 274322
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

Tgt Ion: 95 Resp: 89819
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 82.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016027.D

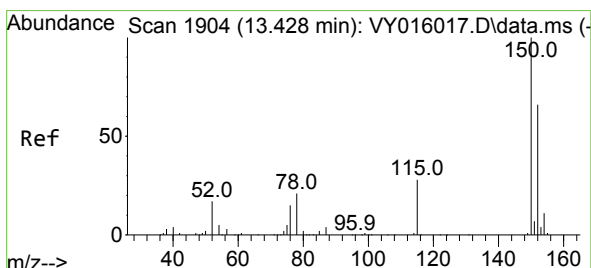
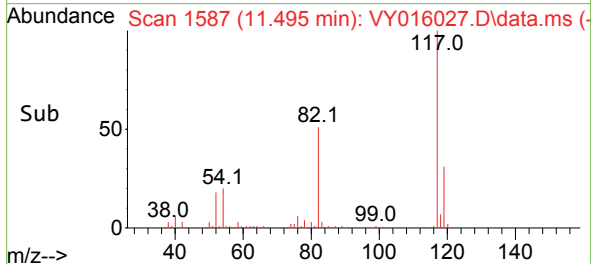
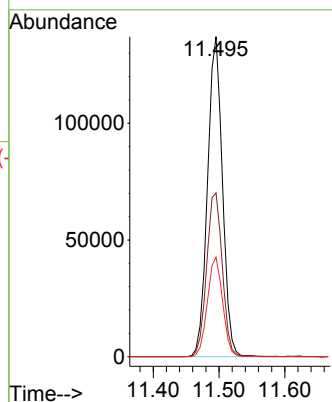
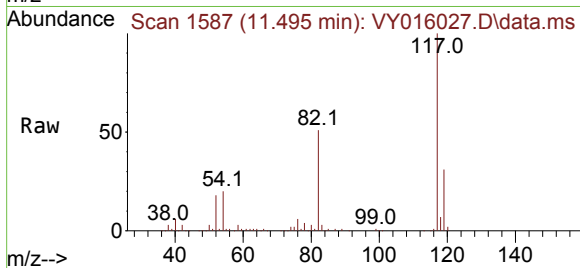
Acq: 18 Oct 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp: 216118
Ion Ratio	Lower Upper
117	100
82	51.2 43.4 65.0
119	31.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

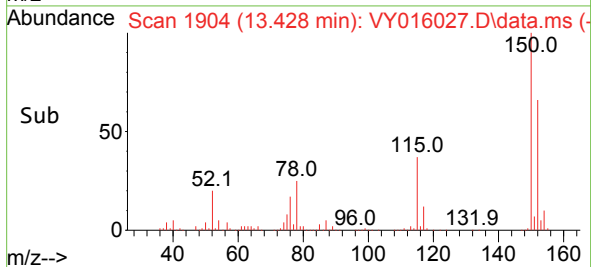
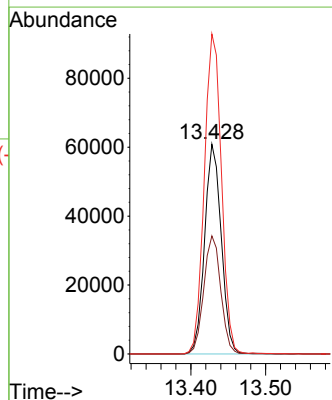
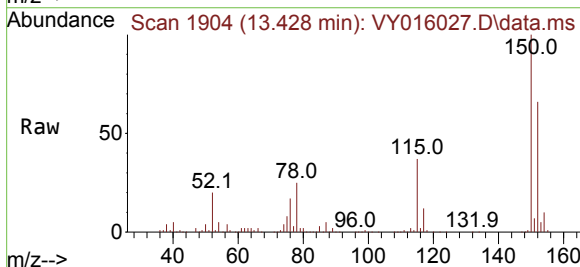
RT: 13.428 min Scan# 1904

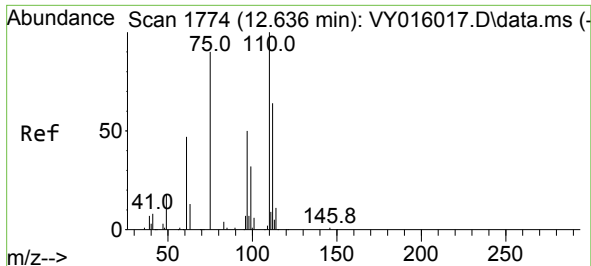
Delta R.T. -0.000 min

Lab File: VY016027.D

Acq: 18 Oct 2023 18:05

Tgt Ion:152	Resp: 94299
Ion Ratio	Lower Upper
152	100
115	57.4 28.8 86.5
150	157.0 0.0 348.8

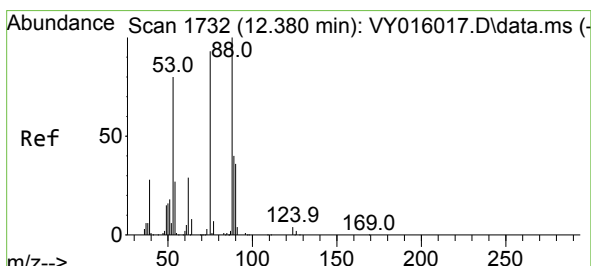
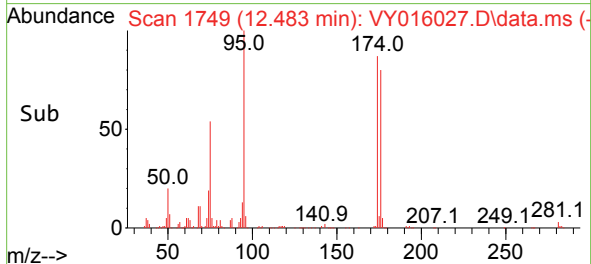
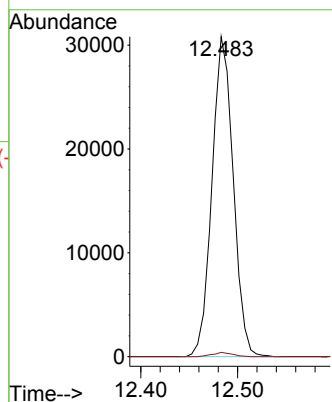
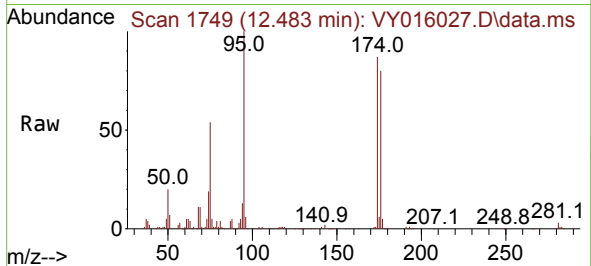




#76
1,2,3-Trichloropropane
Concen: 35.235 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47045
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.915 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

Tgt Ion: 75 Resp: 47045
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

