

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016042.D
 Acq On : 19 Oct 2023 17:09
 Operator : SY/MD
 Sample : 04938-12
 Misc : 4.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:38:52 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)

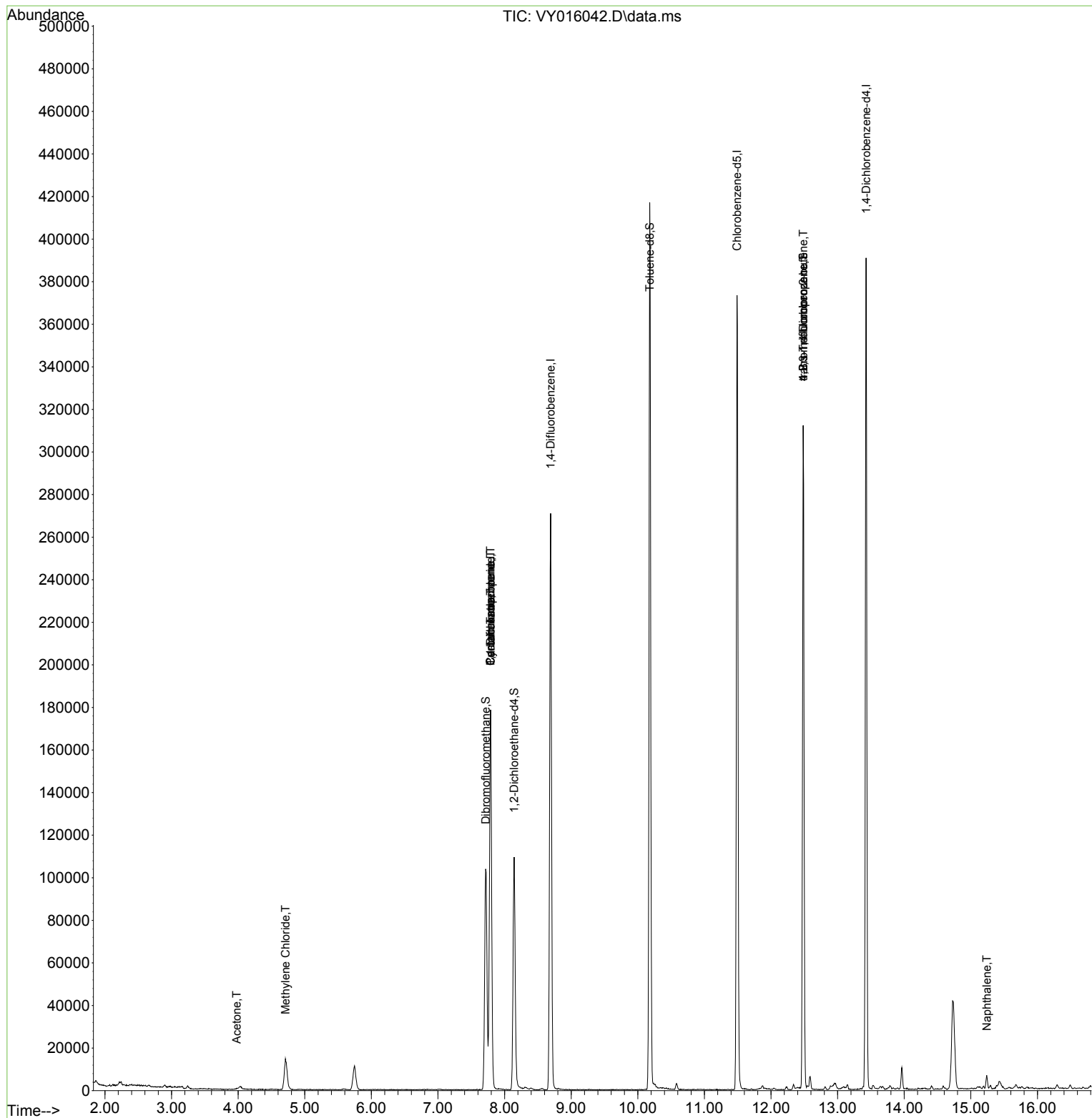
Internal Standards						
1) Pentafluorobenzene	7.789	168	139739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	216698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87437	55.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.716	113	77120	49.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.179	98	278260	49.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.483	95	93258	46.525	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.060%
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	1112	1.889	ug/l	91
20) Methylene Chloride	4.710	84	11322	6.473	ug/l	87
31) Cyclohexane	7.789	56	2689	1.082	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	10639	4.572	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13501	5.458	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	48621	34.236	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48621	74.734	ug/l #	11
95) Naphthalene	15.239	128	5494	1.080	ug/l	98

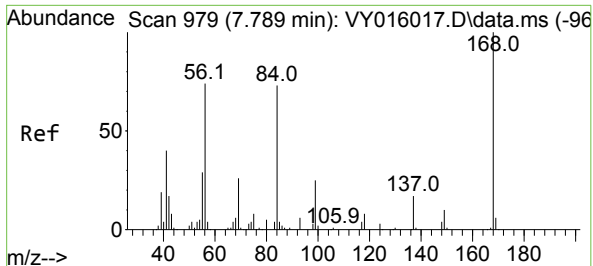
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016042.D
Acq On : 19 Oct 2023 17:09
Operator : SY/MD
Sample : 04938-12
Misc : 4.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 20 05:38:52 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

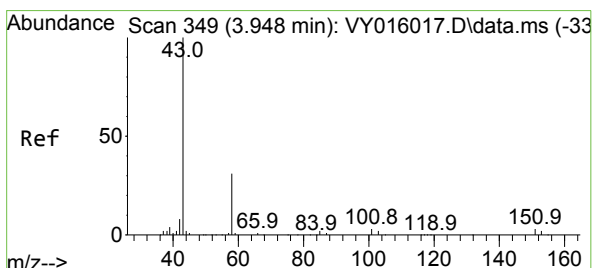
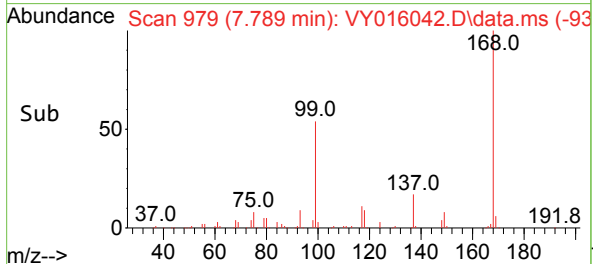
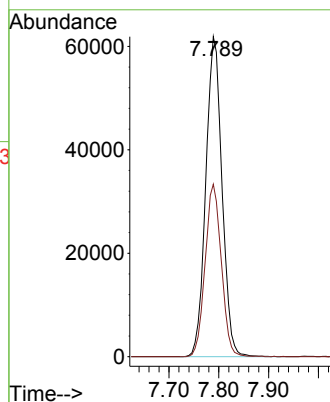
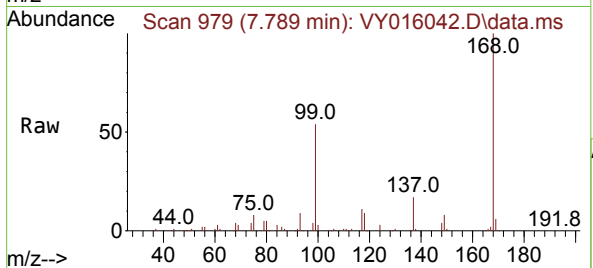




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

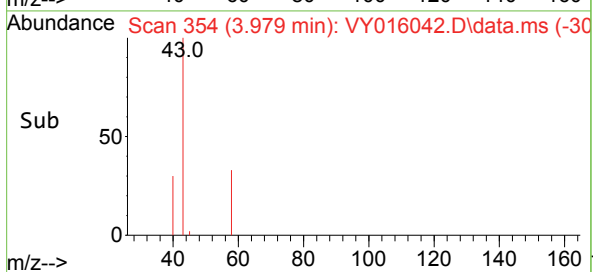
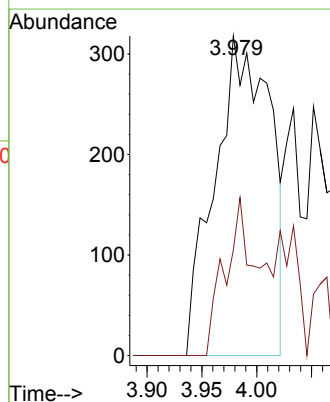
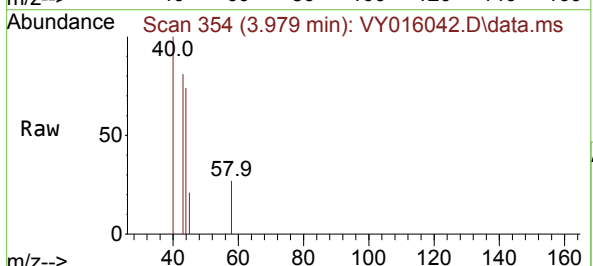
Instrument :
MSVOA_Y
ClientSampleId :

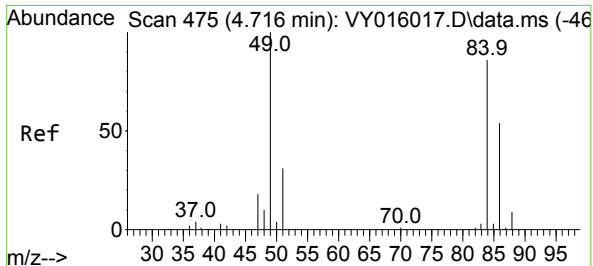
Tgt Ion:168 Resp: 139739
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 1.889 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.030 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1





#20

Methylene Chloride

Concen: 6.473 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

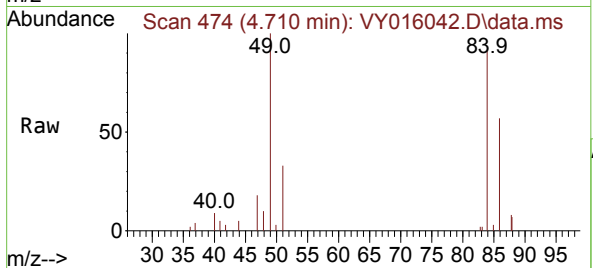
Lab File: VY016042.D

Acq: 19 Oct 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 11322

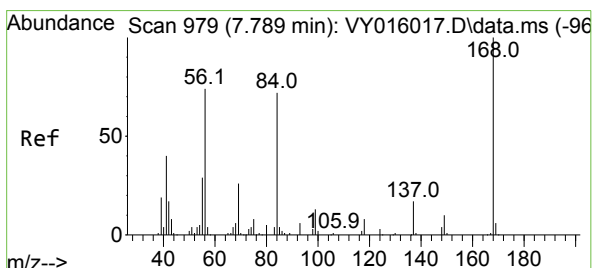
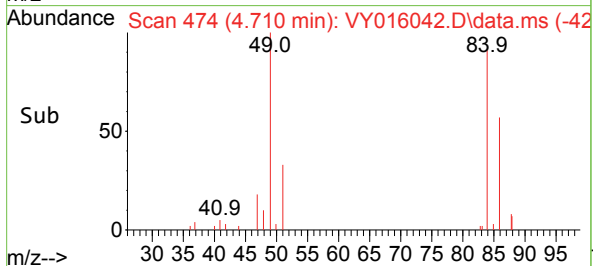
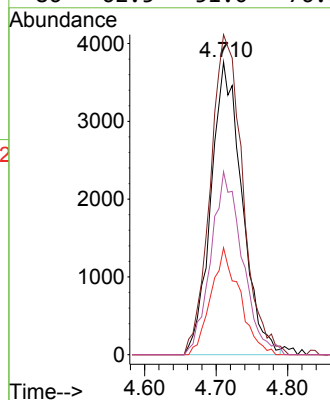
Ion Ratio Lower Upper

84 100

49 109.4 106.9 160.3

51 36.5 33.2 49.8

86 62.5 51.0 76.6



#31

Cyclohexane

Concen: 1.082 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY016042.D

Acq: 19 Oct 2023 17:09

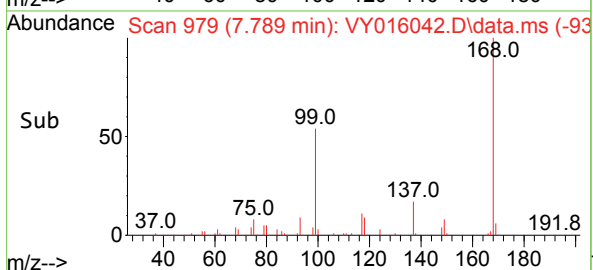
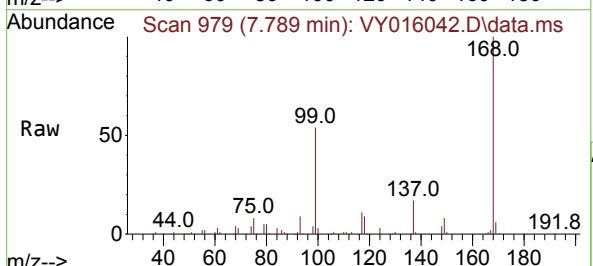
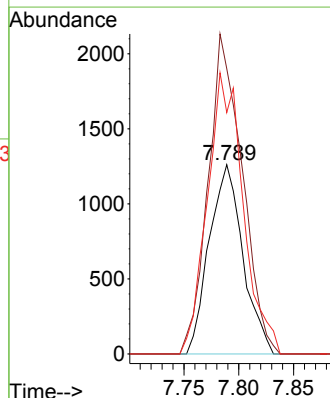
Tgt Ion: 56 Resp: 2689

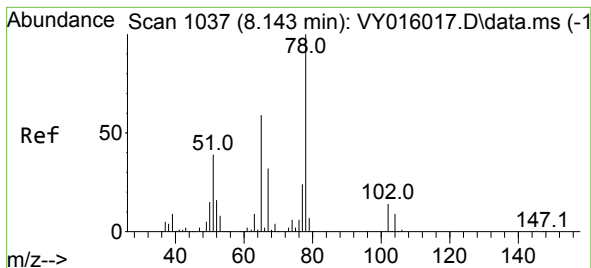
Ion Ratio Lower Upper

56 100

69 150.8 27.8 41.6#

84 127.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.053 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY016042.D

Acq: 19 Oct 2023 17:09

Instrument :

MSVOA_Y

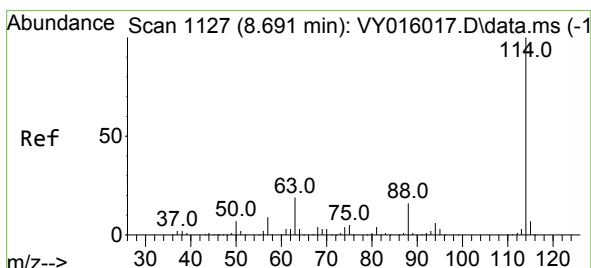
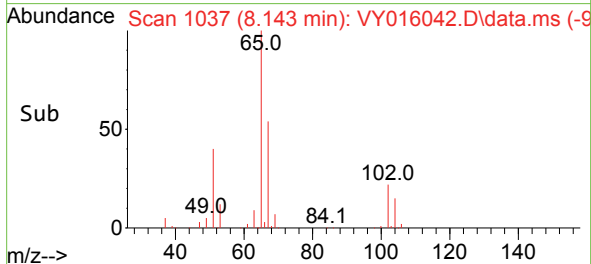
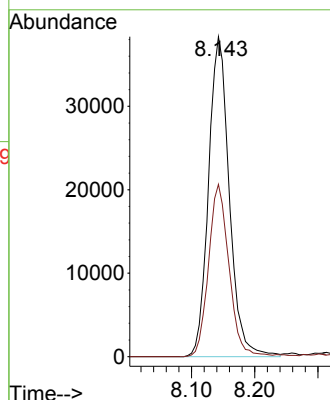
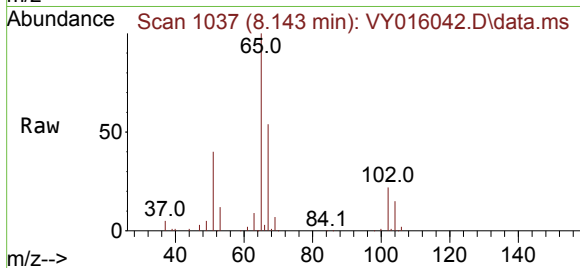
ClientSampleId :

Tgt Ion: 65 Resp: 87437

Ion Ratio Lower Upper

65 100

67 52.9 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: VY016042.D

Acq: 19 Oct 2023 17:09

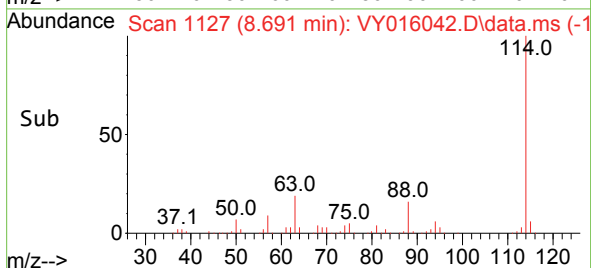
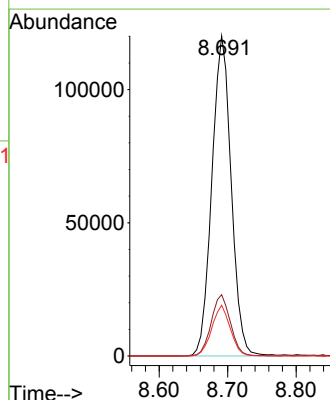
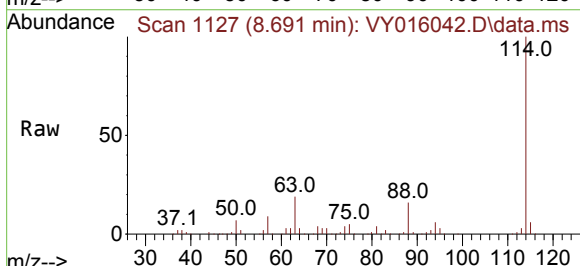
Tgt Ion: 114 Resp: 234997

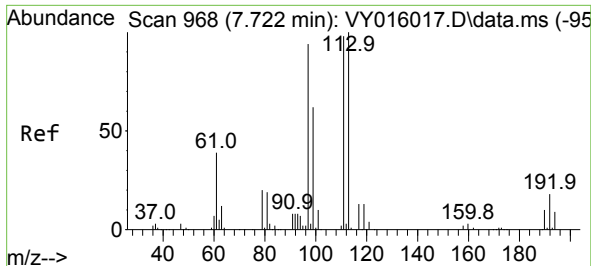
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.9 0.0 30.6

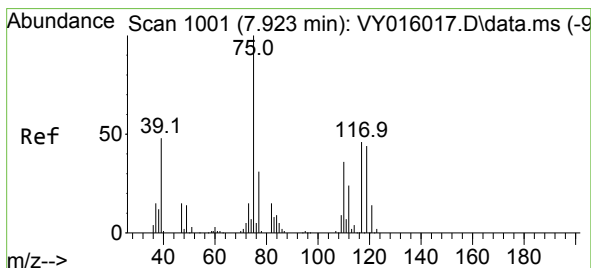
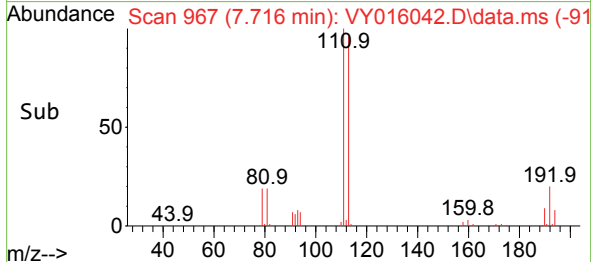
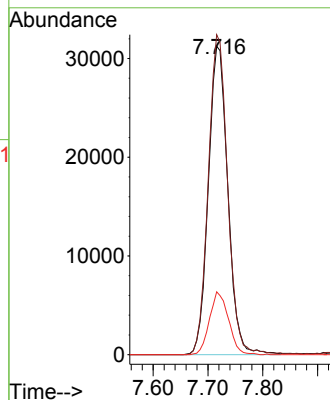
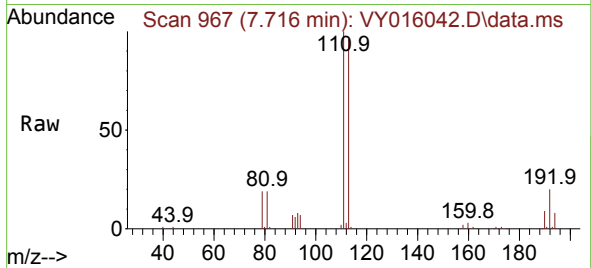




#35
Dibromofluoromethane
Concen: 49.858 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

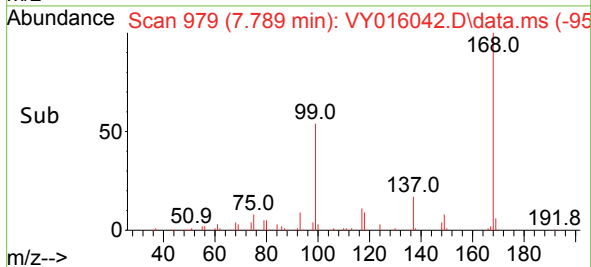
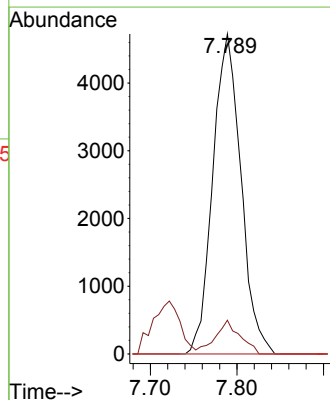
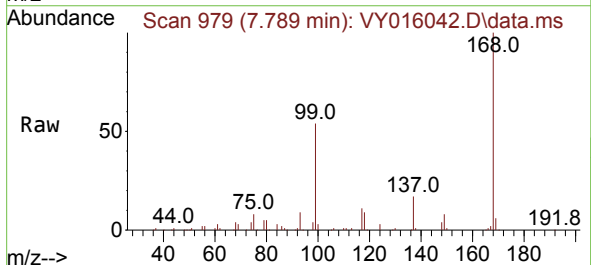
Instrument :
MSVOA_Y
ClientSampleId :

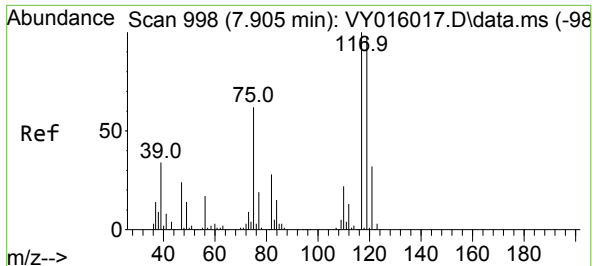
Tgt Ion:113 Resp: 77120
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.572 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

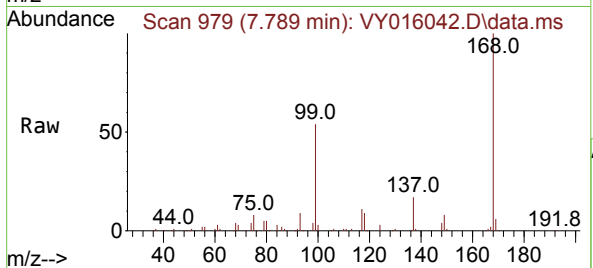
Tgt Ion: 75 Resp: 10639
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



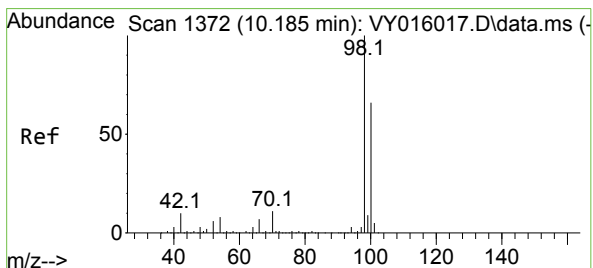
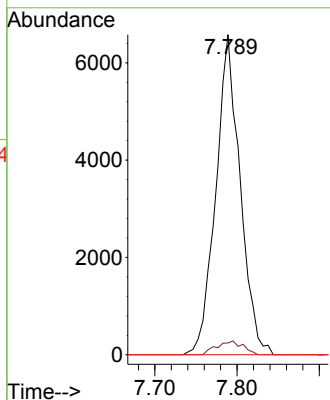
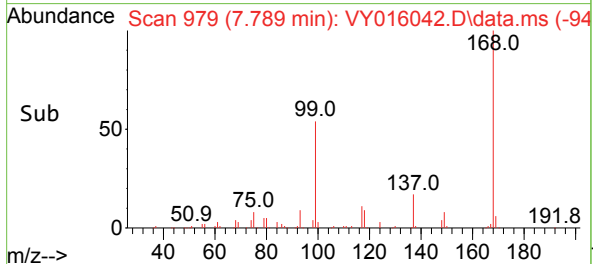


#38
Carbon Tetrachloride
Concen: 5.458 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :

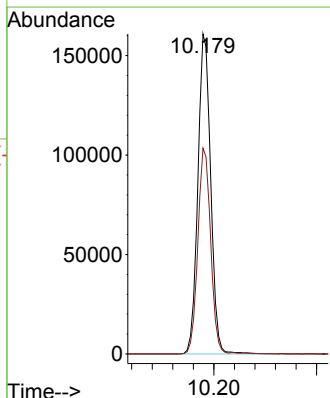
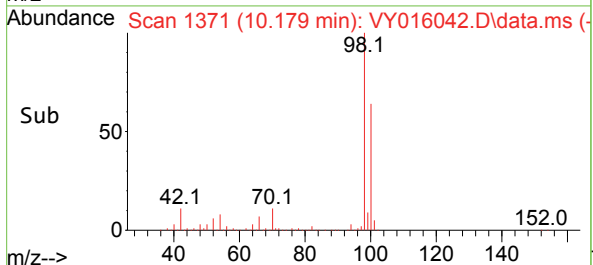
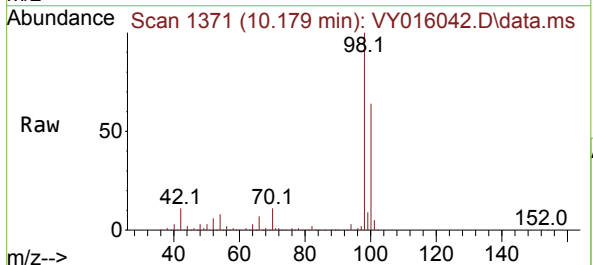


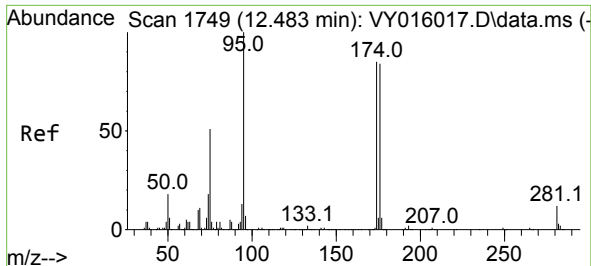
Tgt Ion:117 Resp: 13501
Ion Ratio Lower Upper
117 100
119 3.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.533 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

Tgt Ion: 98 Resp: 278260
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

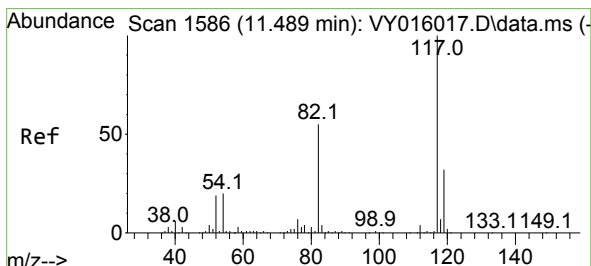
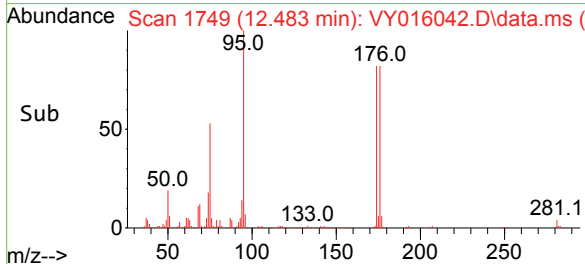
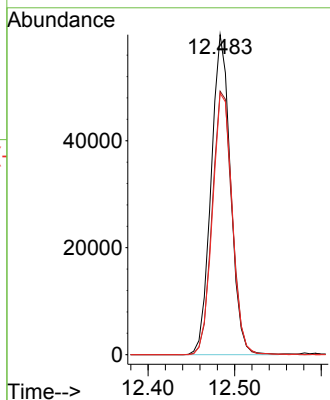
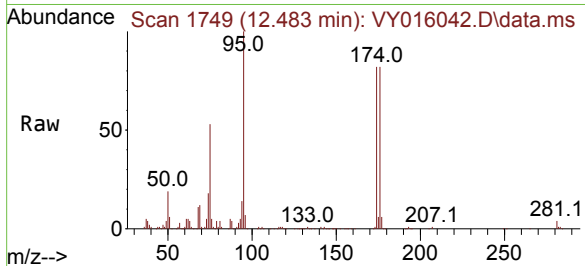




#62
4-Bromofluorobenzene
Concen: 46.525 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

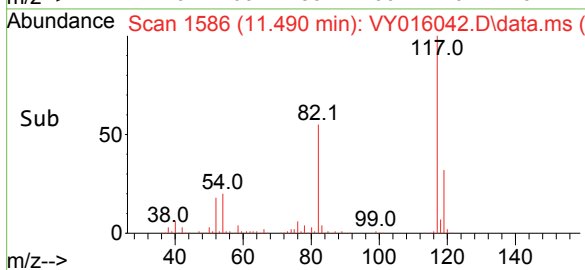
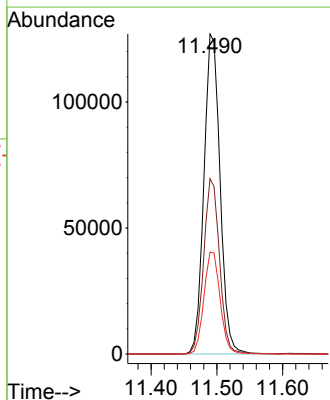
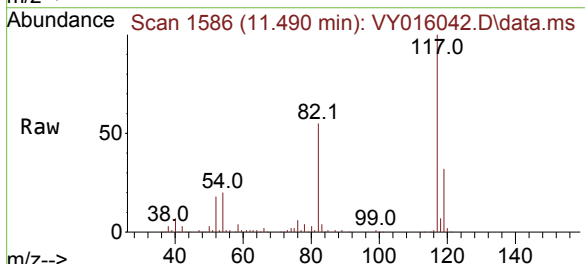
Instrument :
MSVOA_Y
ClientSampleId :

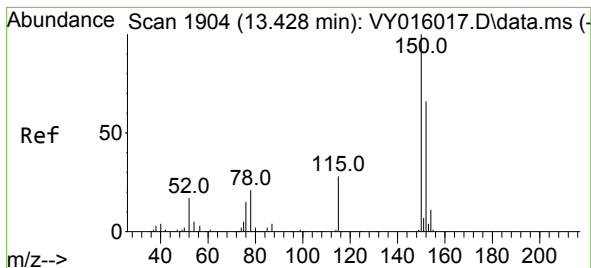
Tgt Ion: 95 Resp: 93258
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 83.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

Tgt Ion: 117 Resp: 216698
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.8 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: VY016042.D

Acq: 19 Oct 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

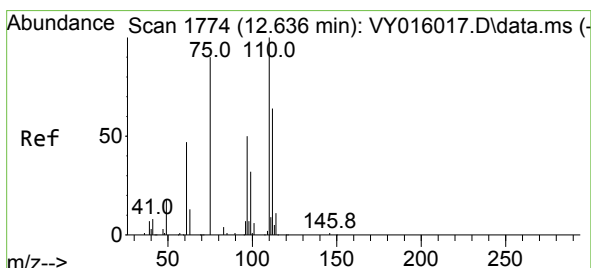
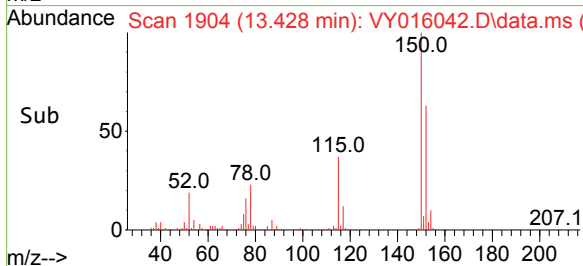
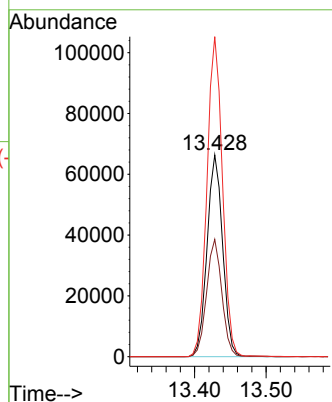
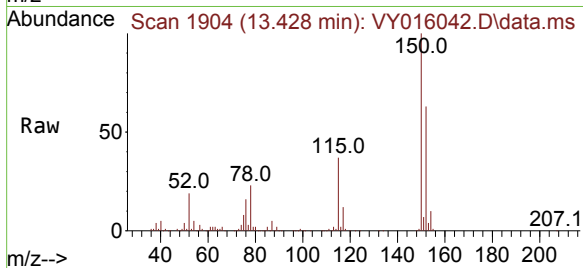
Tgt Ion:152 Resp: 100301

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 157.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 34.236 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY016042.D

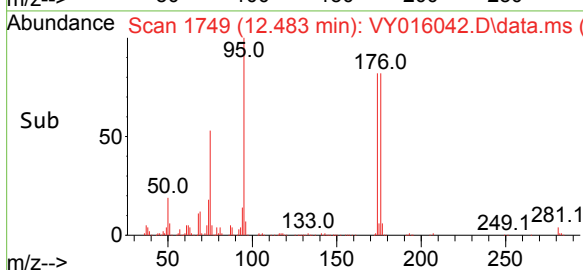
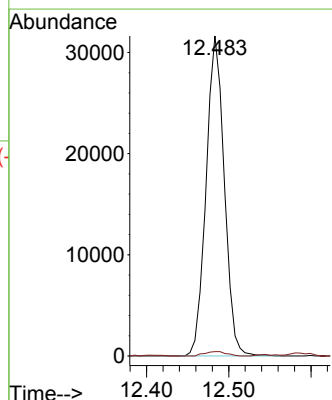
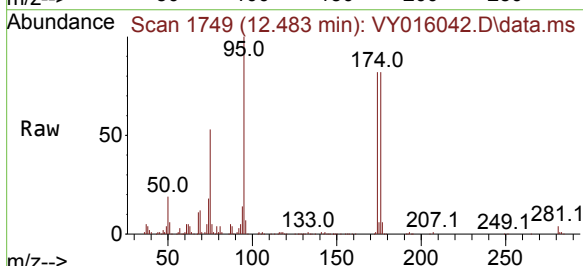
Acq: 19 Oct 2023 17:09

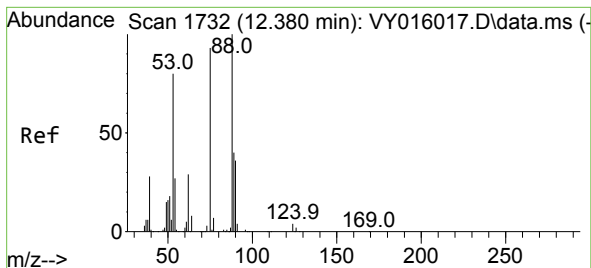
Tgt Ion: 75 Resp: 48621

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

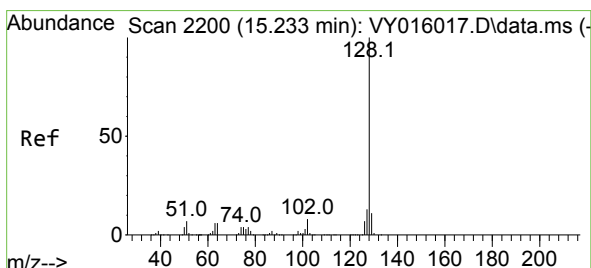
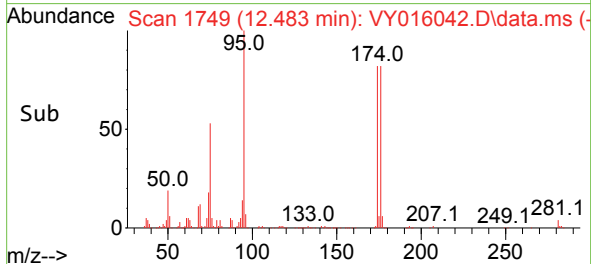
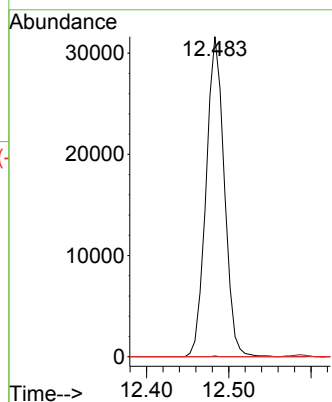
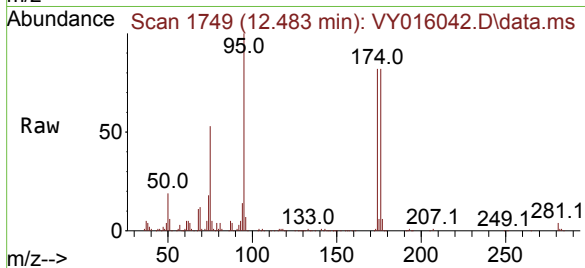




#81
trans-1,4-Dichloro-2-butene
Concen: 74.734 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 48621
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 1.080 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016042.D
Acq: 19 Oct 2023 17:09

Tgt Ion: 128 Resp: 5494
Ion Ratio Lower Upper
128 100
127 14.2 10.8 16.2
129 11.6 8.6 13.0

