

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
 Data File : VY016061.D
 Acq On : 20 Oct 2023 13:10
 Operator : SY/MD
 Sample : 04843-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 23:06:40 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)

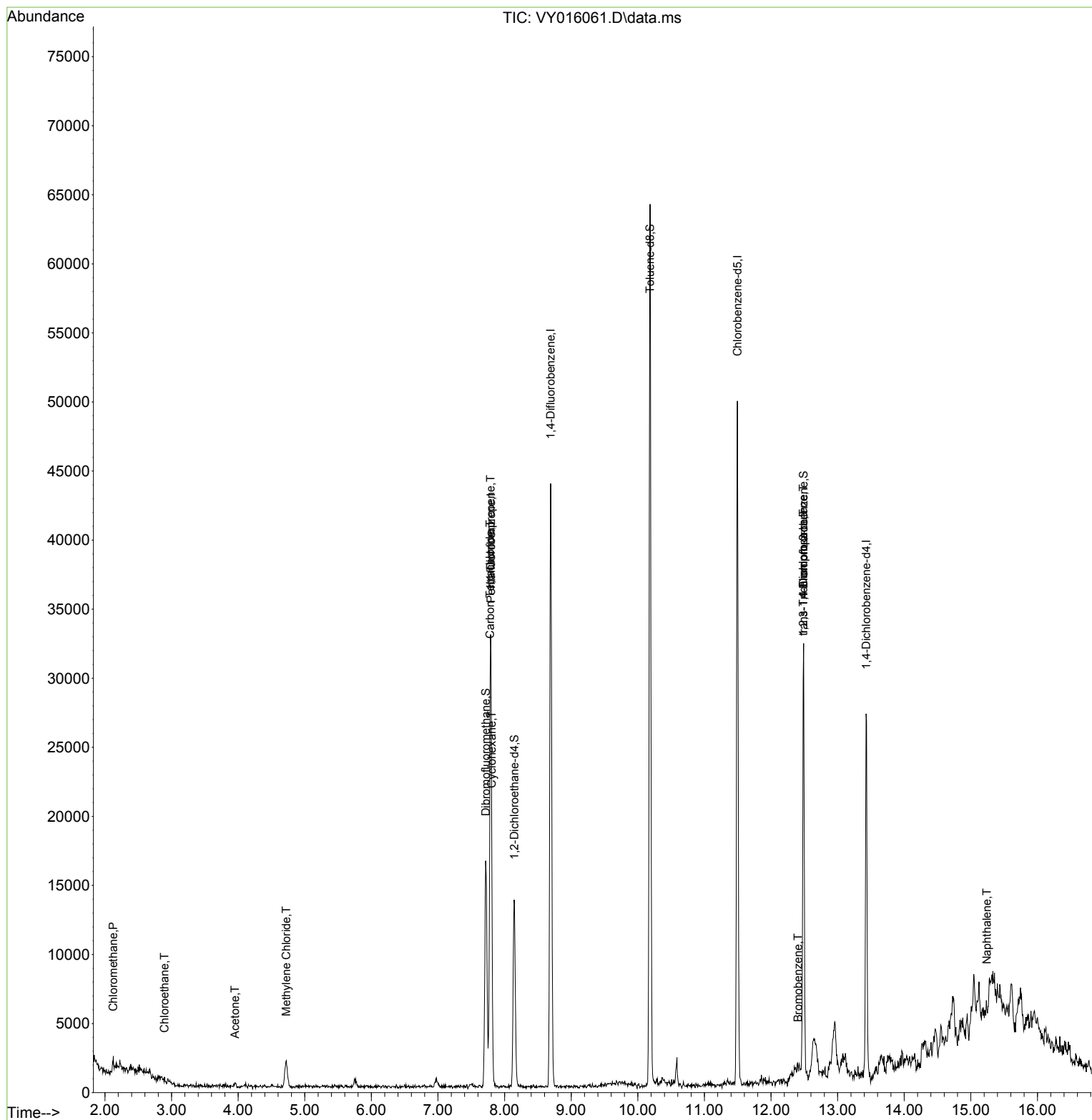
Internal Standards						
1) Pentafluorobenzene	7.795	168	26008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	27753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11039	37.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.680%
35) Dibromofluoromethane	7.716	113	11692	45.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.640%
50) Toluene-d8	10.185	98	42975	46.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.740%
62) 4-Bromofluorobenzene	12.489	95	9234	27.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	482	1.776	ug/l	93
6) Chloroethane	2.893	64	453	2.313	ug/l #	44
16) Acetone	3.954	43	322	2.939	ug/l #	46
20) Methylene Chloride	4.722	84	1416	4.350	ug/l #	79
31) Cyclohexane	7.807	56	496	1.072	ug/l #	71
36) 1,1-Dichloropropene	7.789	75	1927	5.019	ug/l #	49
38) Carbon Tetrachloride	7.783	117	2620	6.420	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	4709	48.573	ug/l #	100
77) Bromobenzene	12.404	156	235	1.890	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	4709	106.030	ug/l #	10
95) Naphthalene	15.239	128	583	1.679	ug/l #	78

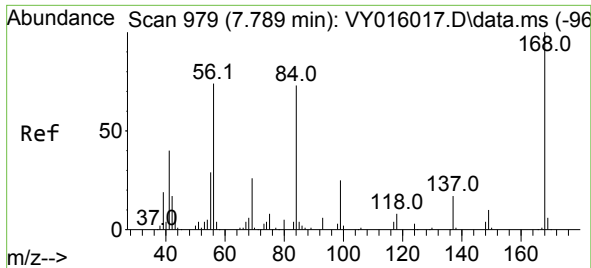
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
Data File : VY016061.D
Acq On : 20 Oct 2023 13:10
Operator : SY/MD
Sample : 04843-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

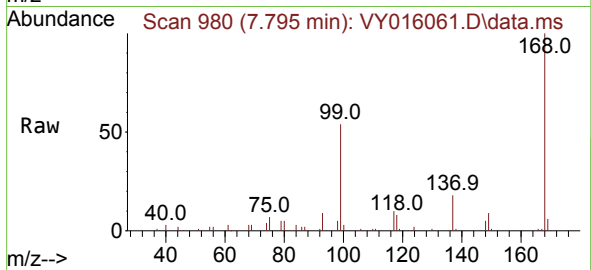
Quant Time: Oct 20 23:06:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration



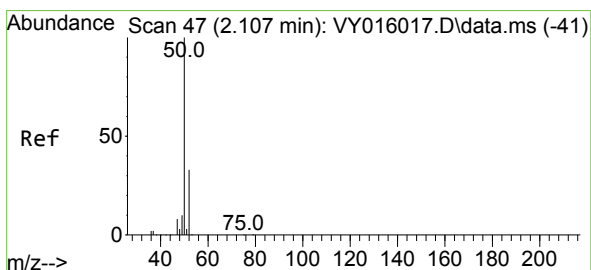
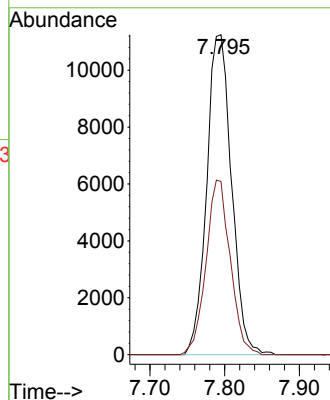
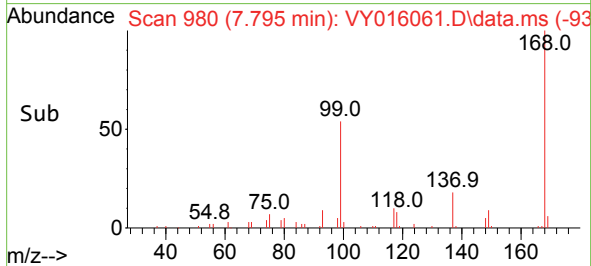


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

Instrument :
MSVOA_Y
ClientSampleId :

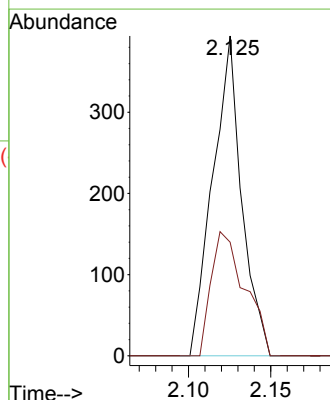
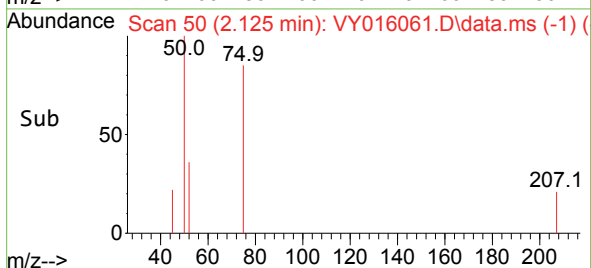
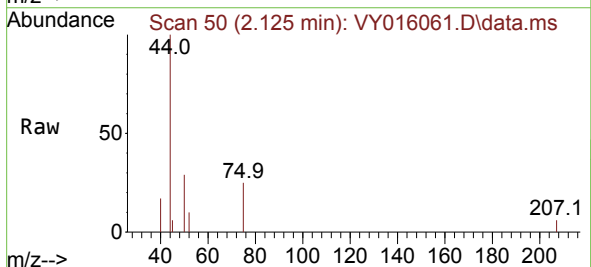


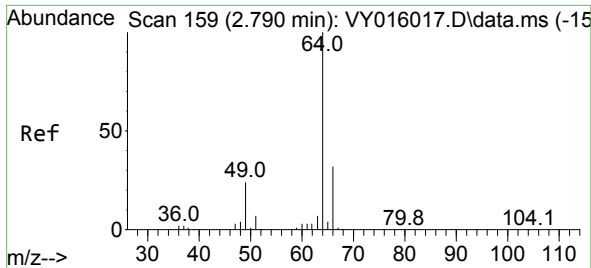
Tgt Ion:168 Resp: 26008
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#3
Chloromethane
Concen: 1.776 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

Tgt Ion: 50 Resp: 482
Ion Ratio Lower Upper
50 100
52 35.5 25.4 38.2

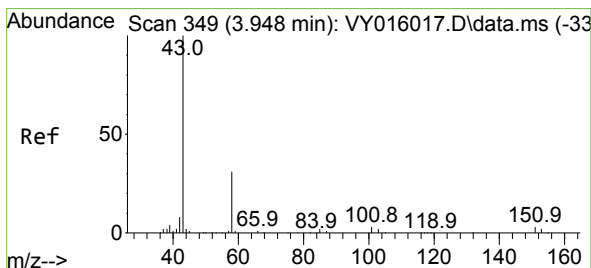
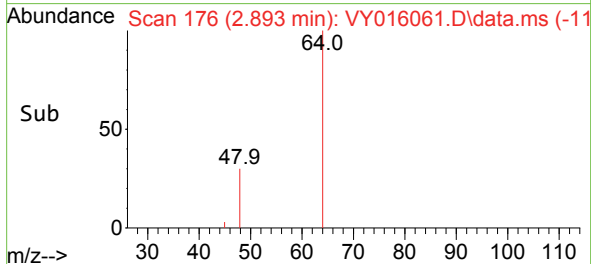
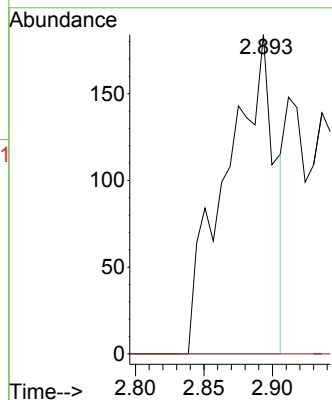
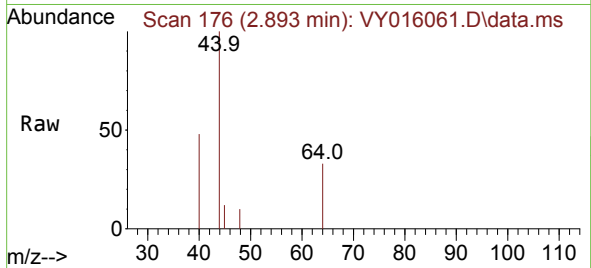




#6
Chloroethane
Concen: 2.313 ug/l
RT: 2.893 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

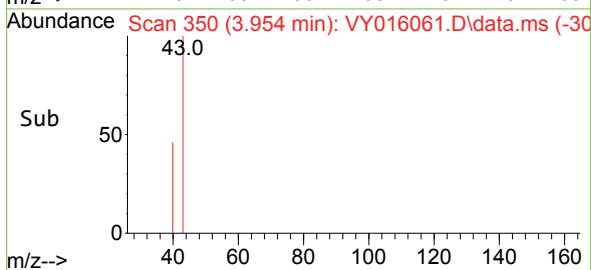
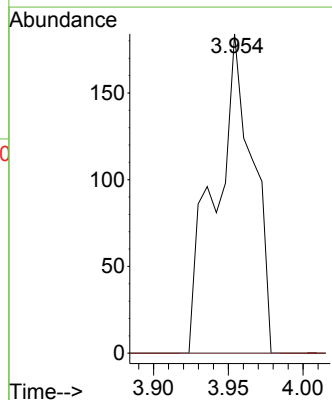
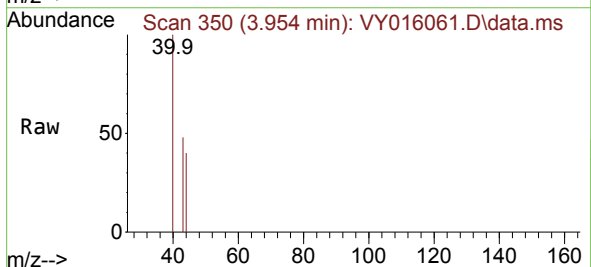
Instrument :
MSVOA_Y
ClientSampleId :

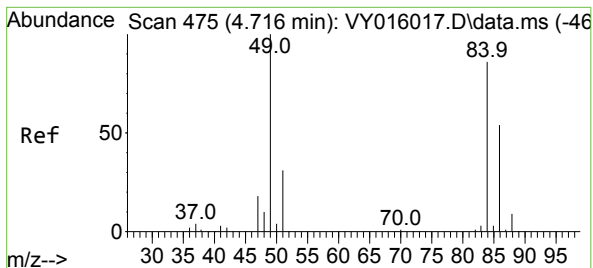
Tgt Ion: 64 Resp: 453
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#16
Acetone
Concen: 2.939 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





#20

Methylene Chloride

Concen: 4.350 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

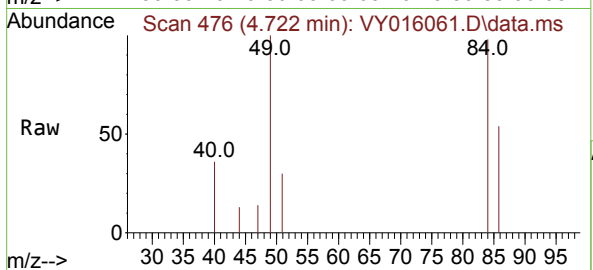
Lab File: VY016061.D

Acq: 20 Oct 2023 13:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1416

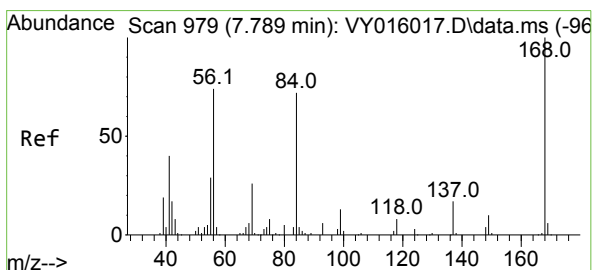
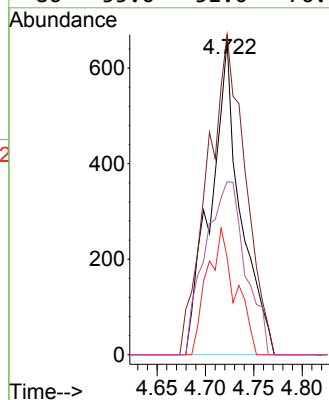
Ion Ratio Lower Upper

84 100

49 101.8 106.9 160.3#

51 31.0 33.2 49.8#

86 55.0 51.0 76.6



#31

Cyclohexane

Concen: 1.072 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.018 min

Lab File: VY016061.D

Acq: 20 Oct 2023 13:10

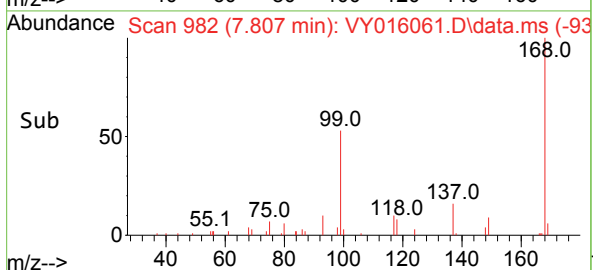
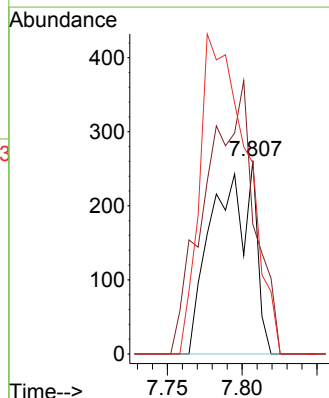
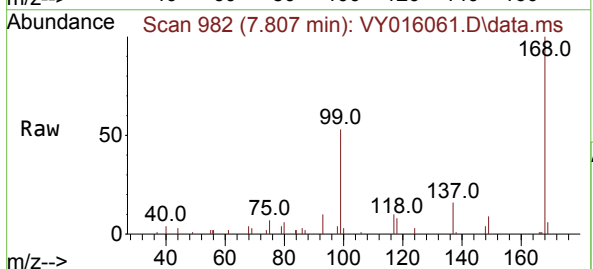
Tgt Ion: 56 Resp: 496

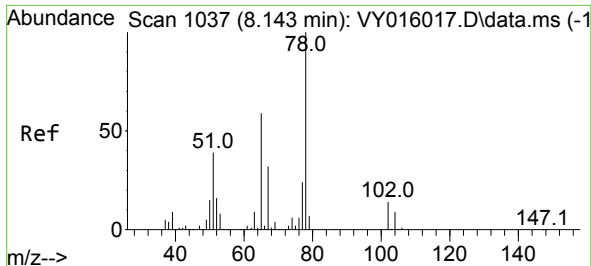
Ion Ratio Lower Upper

56 100

69 67.0 27.8 41.6#

84 98.9 66.4 99.6

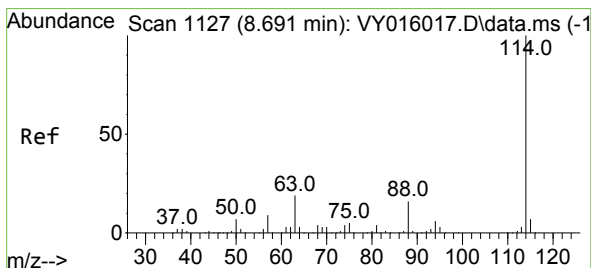
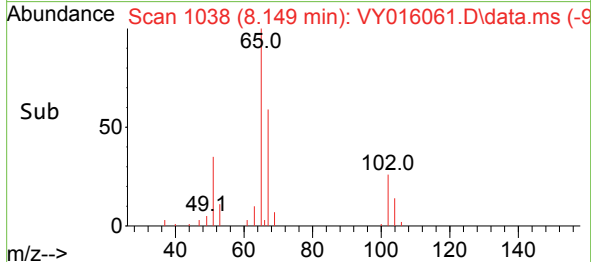
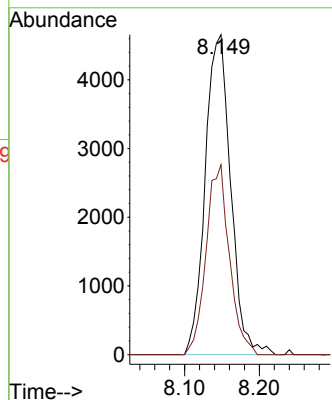
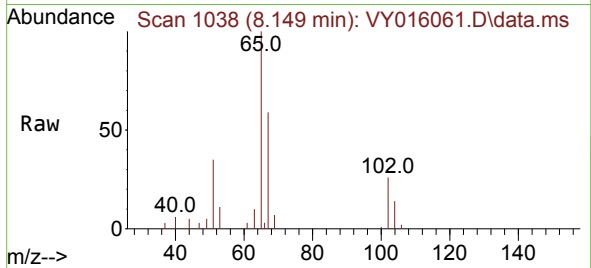




#33
 1,2-Dichloroethane-d4
 Concen: 37.344 ug/l
 RT: 8.149 min Scan# 11039
 Delta R.T. 0.006 min
 Lab File: VY016061.D
 Acq: 20 Oct 2023 13:10

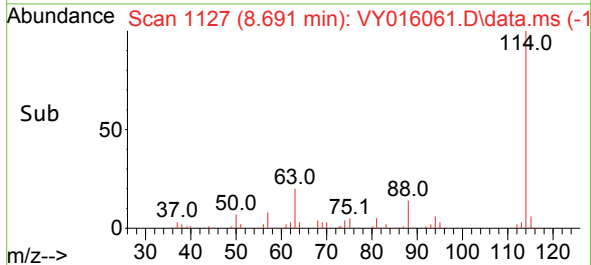
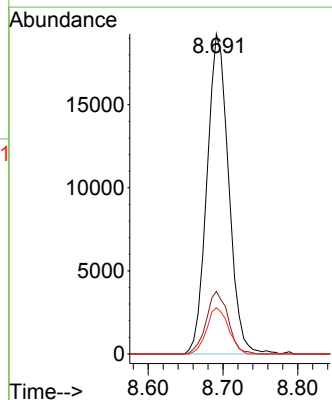
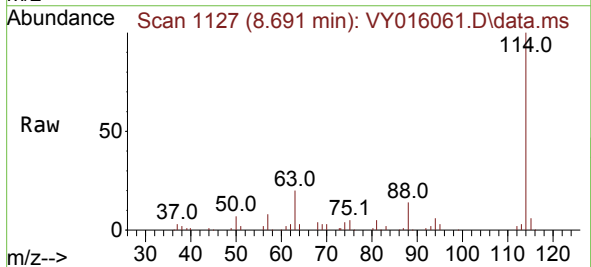
Instrument :
 MSVOA_Y
 ClientSampleId :

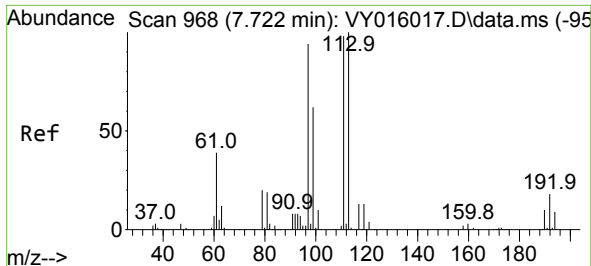
Tgt Ion: 65 Resp: 11039
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016061.D
 Acq: 20 Oct 2023 13:10

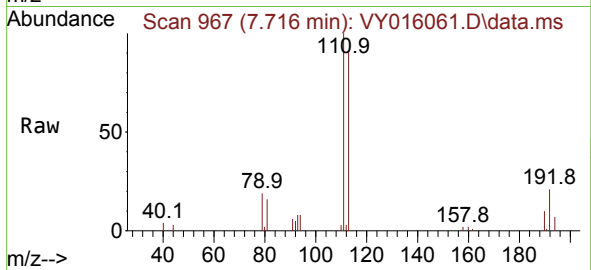
Tgt Ion:114 Resp: 38771
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 14.4 0.0 30.6





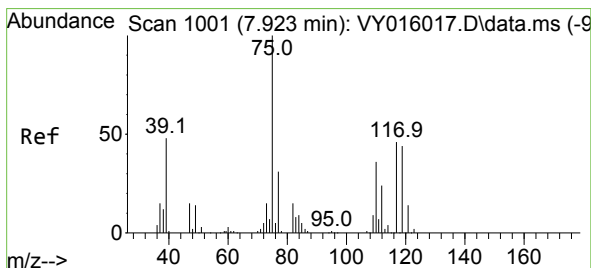
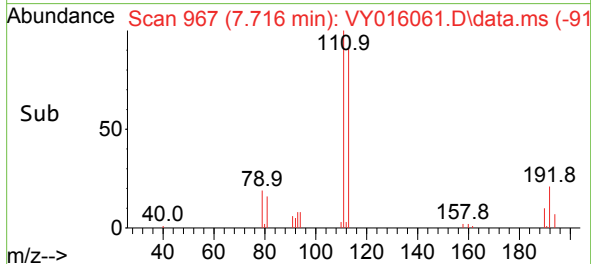
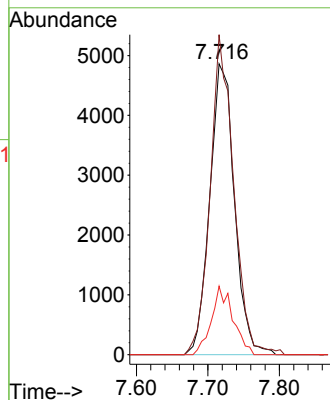
#35
 Dibromofluoromethane
 Concen: 45.816 ug/l
 RT: 7.716 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY016061.D
 Acq: 20 Oct 2023 13:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:113 Resp: 11692

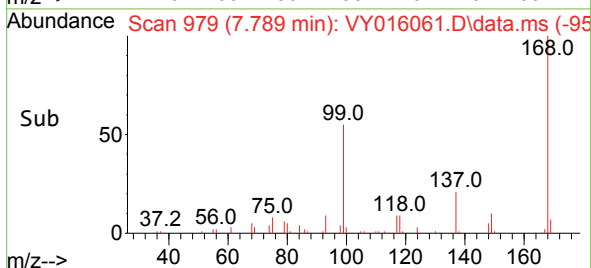
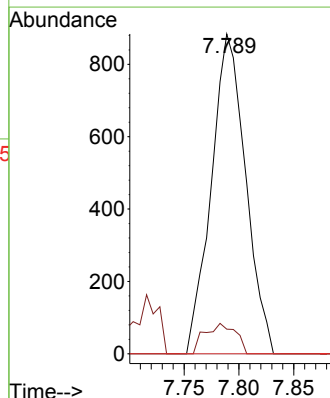
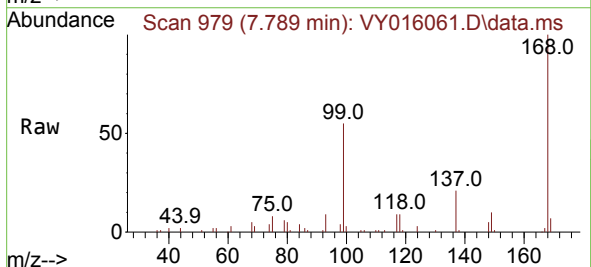
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.3	121.9
192	20.5	16.9	25.3

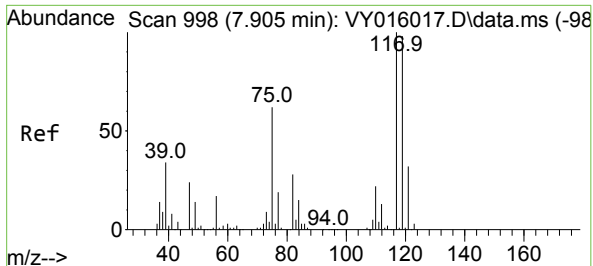


#36
 1,1-Dichloropropene
 Concen: 5.019 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.134 min
 Lab File: VY016061.D
 Acq: 20 Oct 2023 13:10

Tgt Ion: 75 Resp: 1927

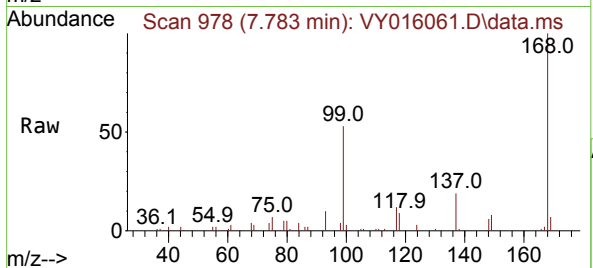
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.8	53.5#
77	0.0	24.4	36.6#



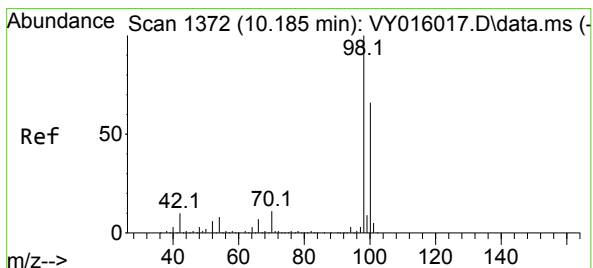
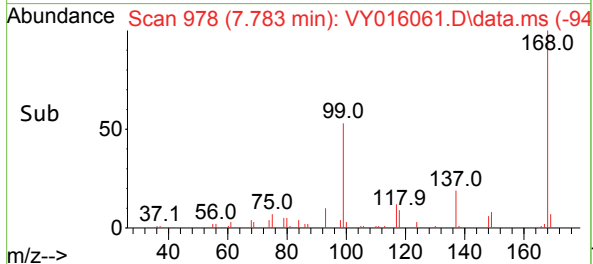
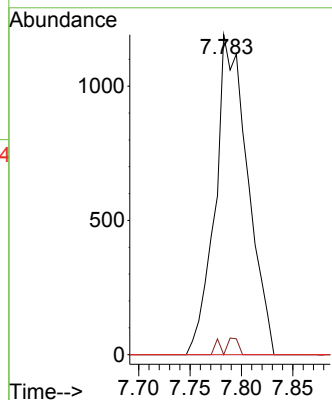


#38
Carbon Tetrachloride
Concen: 6.420 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

Instrument :
MSVOA_Y
ClientSampleId :

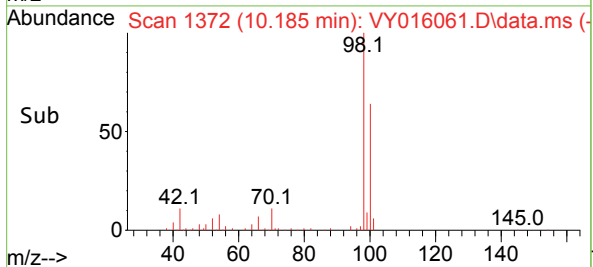
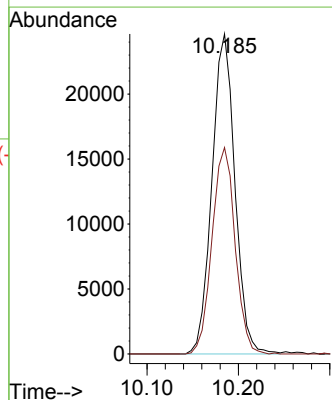
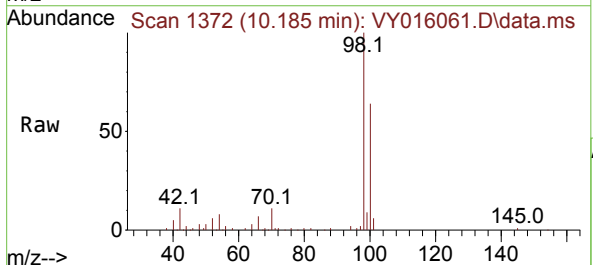


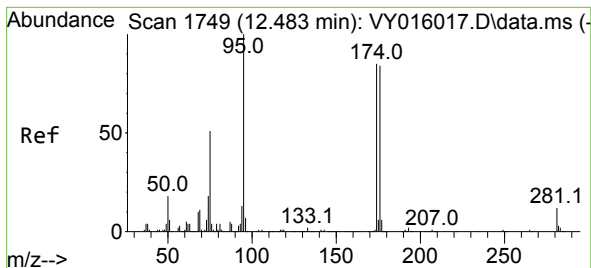
Tgt Ion:117 Resp: 2620
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.368 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

Tgt Ion: 98 Resp: 42975
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

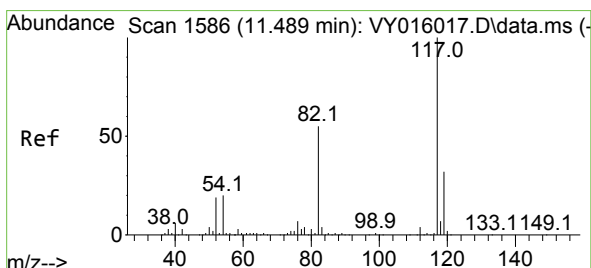
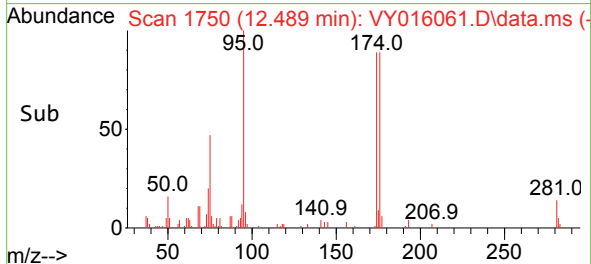
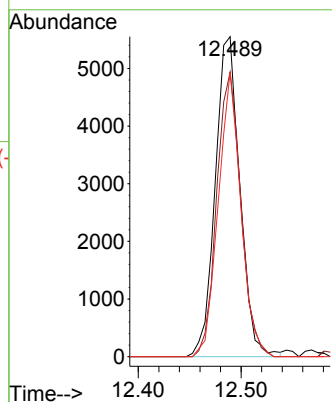
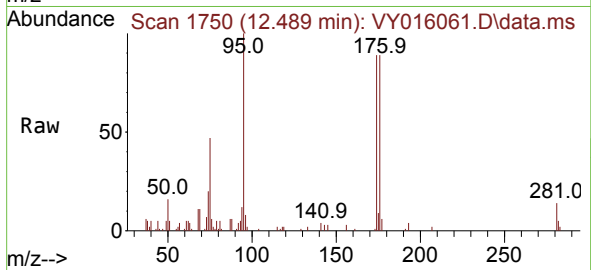




#62
4-Bromofluorobenzene
Concen: 27.922 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

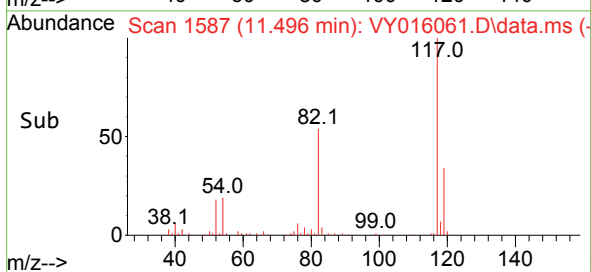
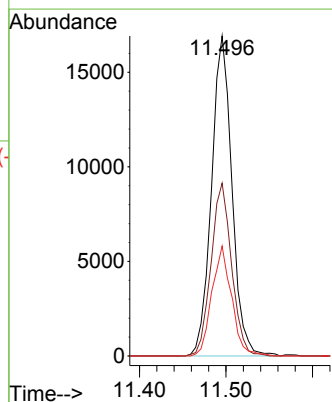
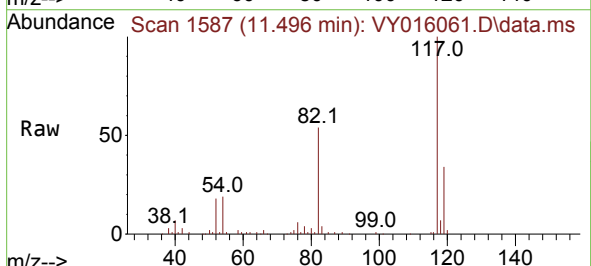
Instrument :
MSVOA_Y
ClientSampleId :

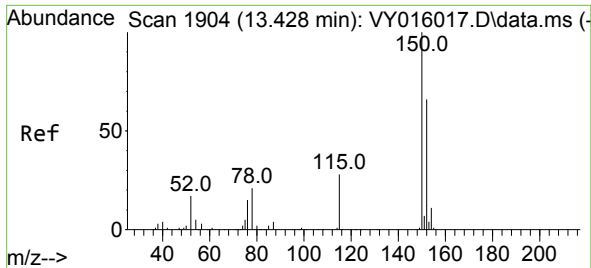
Tgt Ion: 95 Resp: 9234
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 81.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

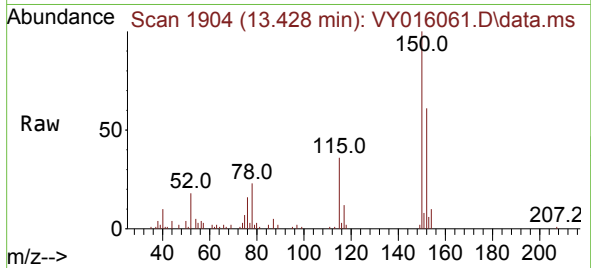
Tgt Ion: 117 Resp: 27753
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 34.3 26.3 39.5



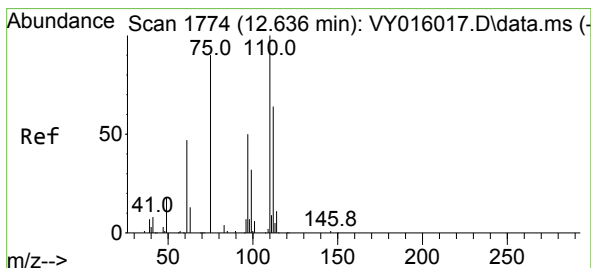
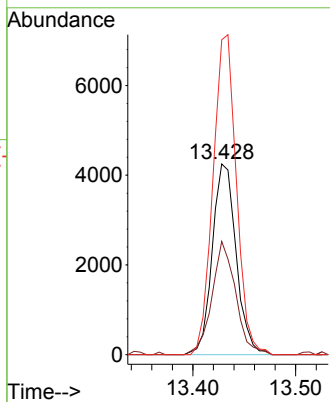
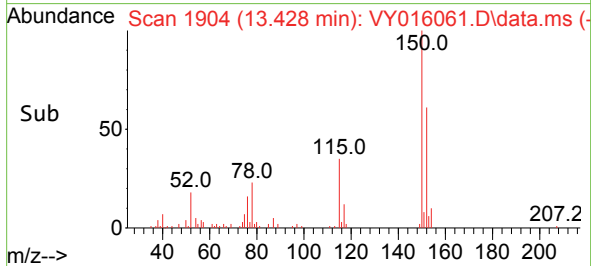


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY016061.D
 Acq: 20 Oct 2023 13:10

Instrument :
 MSVOA_Y
 ClientSampleId :

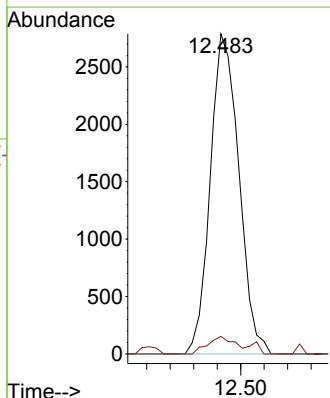
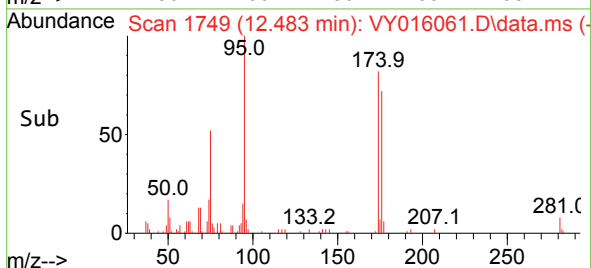
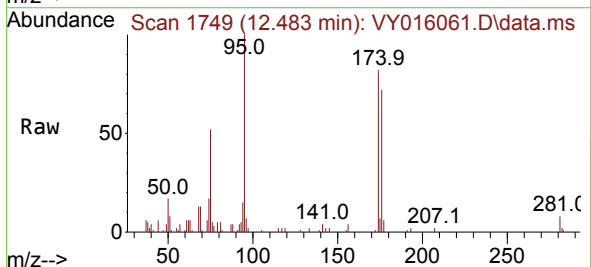


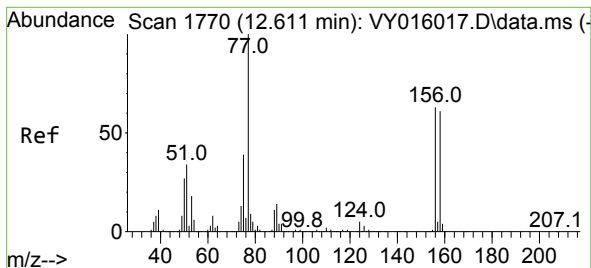
Tgt Ion:152 Resp: 6847
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.8 86.5
 150 164.5 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 48.573 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY016061.D
 Acq: 20 Oct 2023 13:10

Tgt Ion: 75 Resp: 4709
 Ion Ratio Lower Upper
 75 100
 77 6.5 0.0 0.0#





#77

Bromobenzene

Concen: 1.890 ug/l

RT: 12.404 min Scan# 1

Delta R.T. -0.207 min

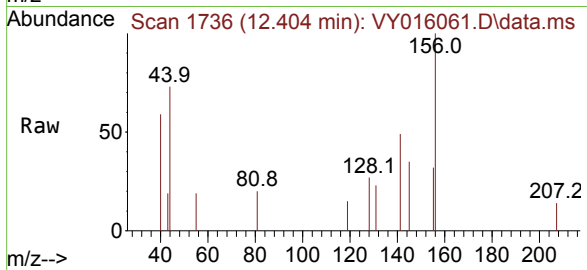
Lab File: VY016061.D

Acq: 20 Oct 2023 13:10

Instrument :

MSVOA_Y

ClientSampleId :



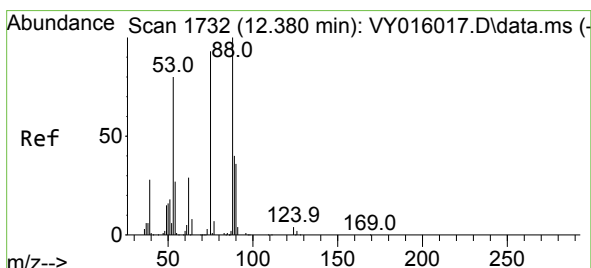
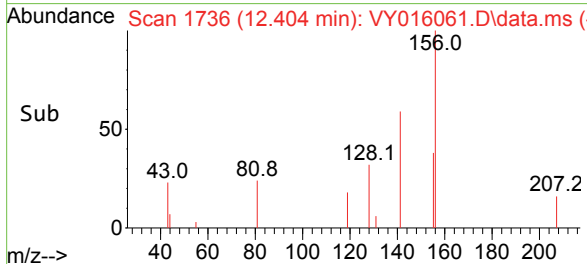
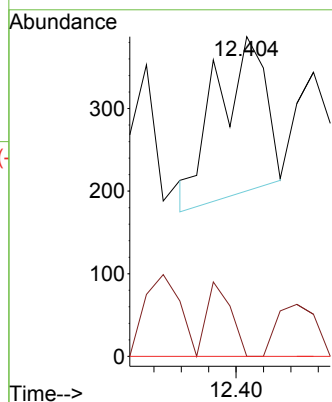
Tgt Ion:156 Resp: 235

Ion Ratio Lower Upper

156 100

77 23.4 92.8 278.6#

158 0.0 48.4 145.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 106.030 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY016061.D

Acq: 20 Oct 2023 13:10

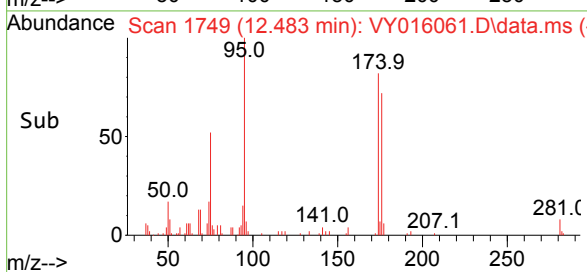
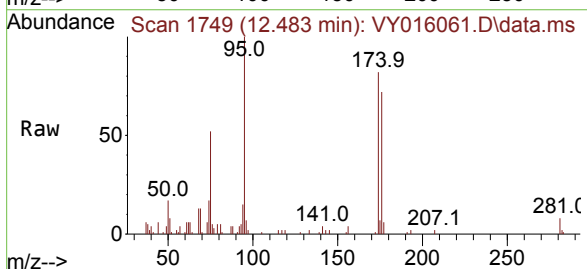
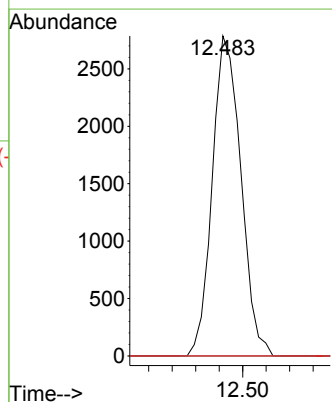
Tgt Ion: 75 Resp: 4709

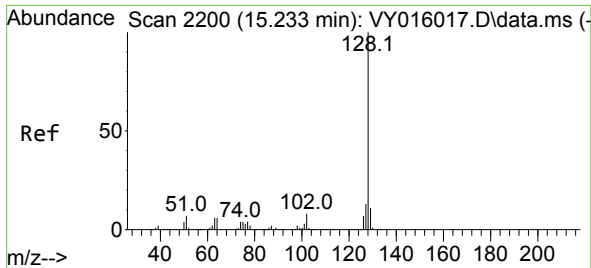
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#





#95

Naphthalene

Concen: 1.679 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

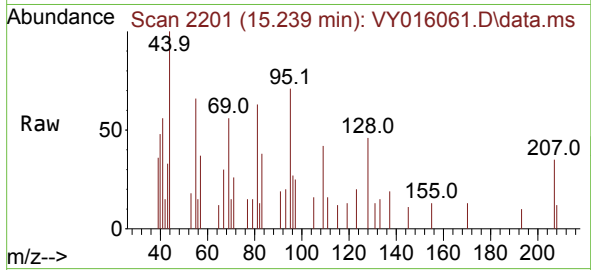
Lab File: VY016061.D

Acq: 20 Oct 2023 13:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 583

Ion Ratio Lower Upper

128 100

127 7.0 10.8 16.2#

129 0.0 8.6 13.0#

