

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016406.D
 Acq On : 17 Nov 2023 12:12
 Operator : SY/MD
 Sample : VY1117SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 05:17:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	94454	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	158080	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	144041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45600	52.822	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.640%
35) Dibromofluoromethane	7.716	113	45697	50.888	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.179	98	184920	50.781	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.483	95	54768	46.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.620%

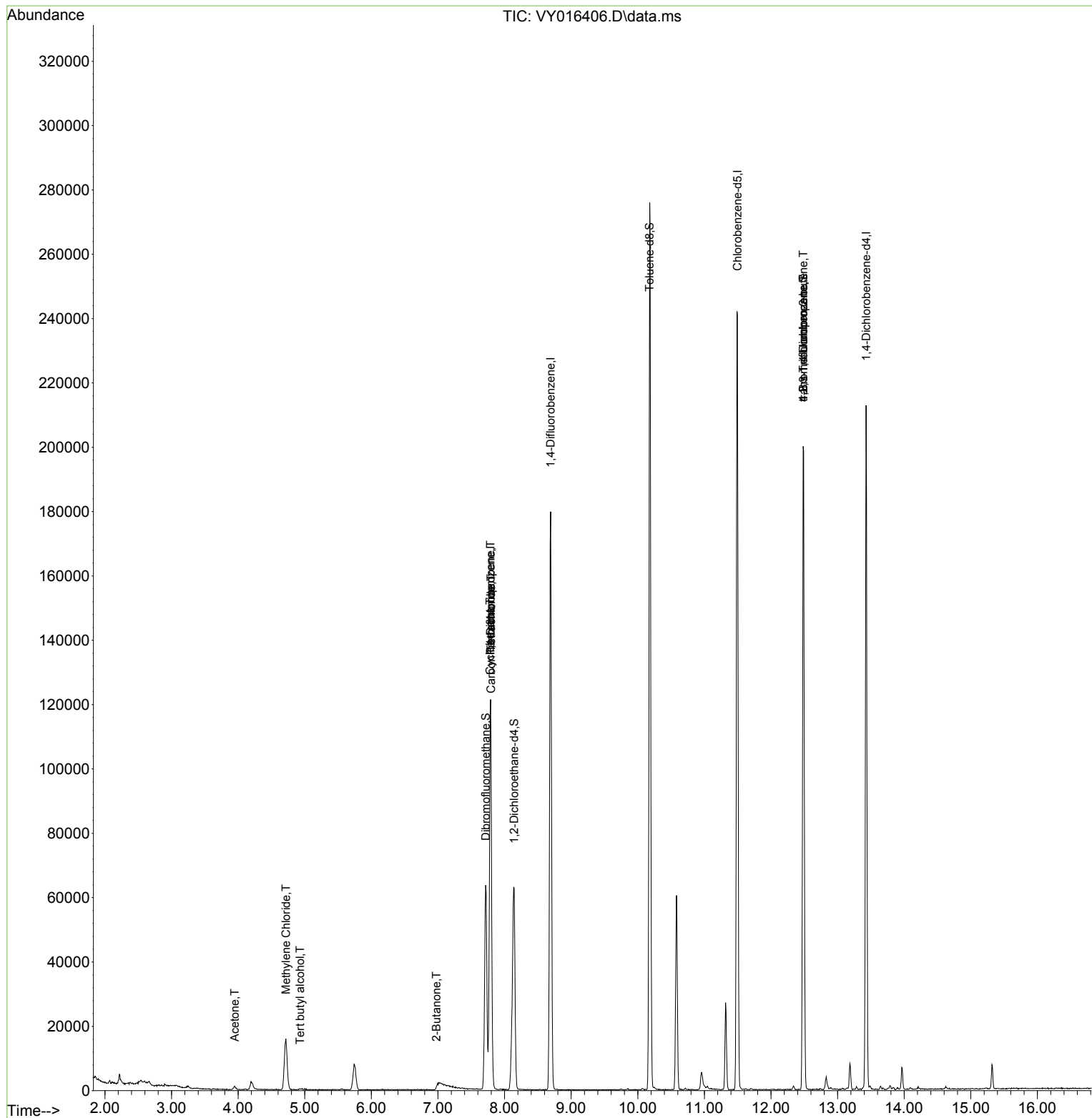
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.930	59	362	5.355	ug/l #	89
16) Acetone	3.948	43	1627	11.394	ug/l #	77
20) Methylene Chloride	4.716	84	12296	9.360	ug/l #	86
25) 2-Butanone	6.978	43	697	2.787	ug/l	96
31) Cyclohexane	7.783	56	1740	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7392	4.741	ug/l #	49
38) Carbon Tetrachloride	7.795	117	9511	5.877	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	28212	52.967	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28212	114.969	ug/l #	11

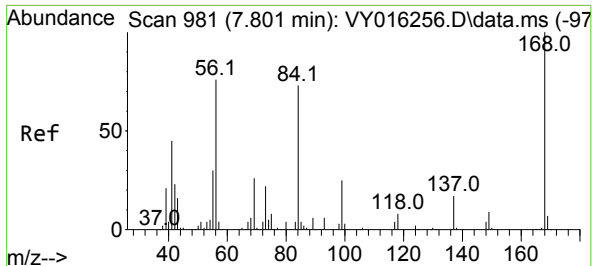
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016406.D
Acq On : 17 Nov 2023 12:12
Operator : SY/MD
Sample : VY1117SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 18 05:17:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

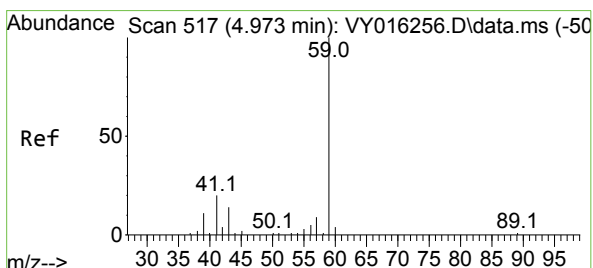
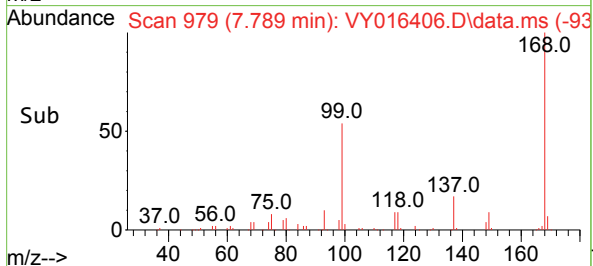
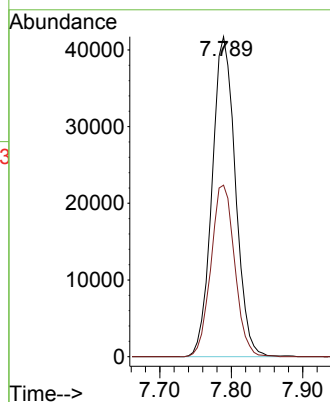
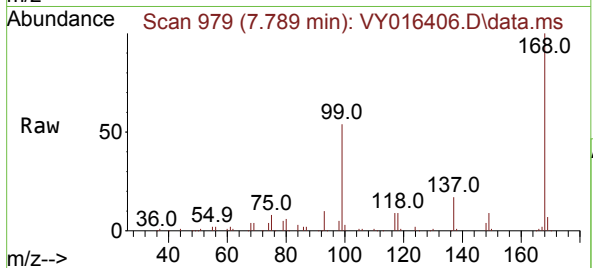




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

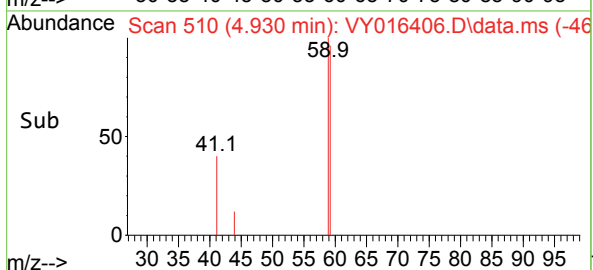
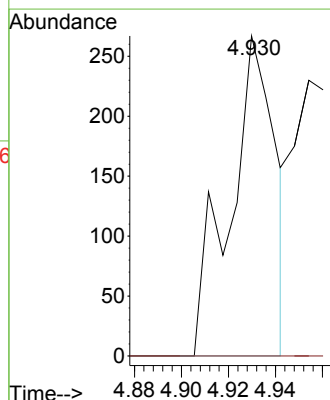
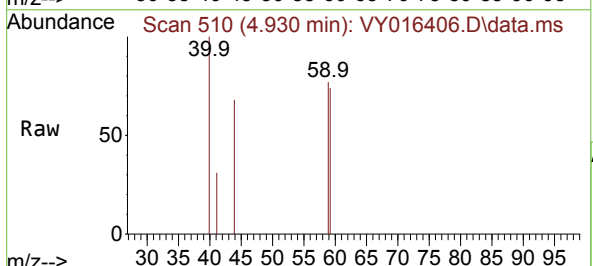
Instrument :
MSVOA_Y
ClientSampleId :

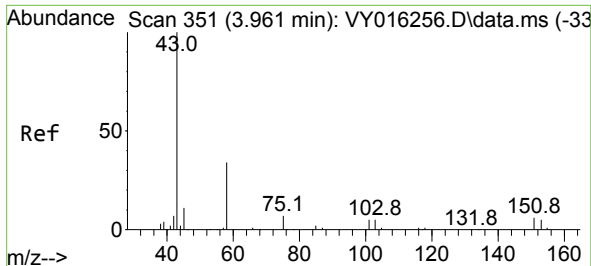
Tgt Ion:168 Resp: 94454
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.355 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.043 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

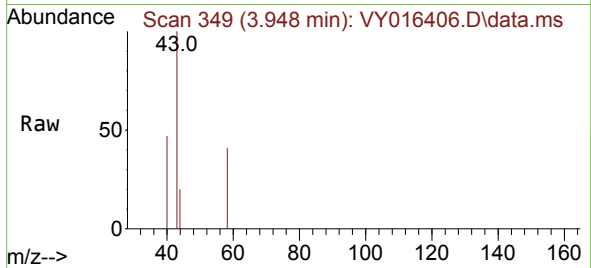
Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



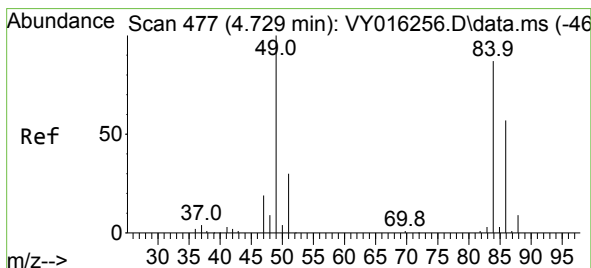
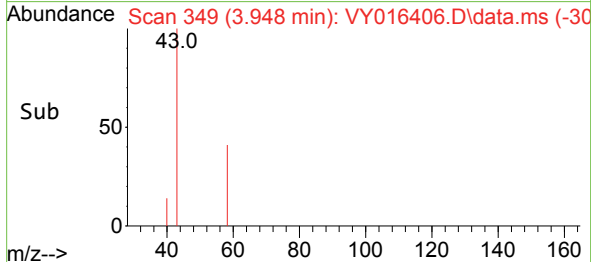
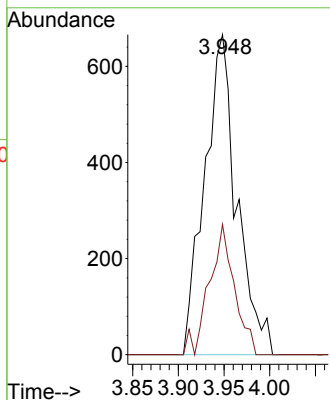


#16
Acetone
Concen: 11.394 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

Instrument :
MSVOA_Y
ClientSampleId :

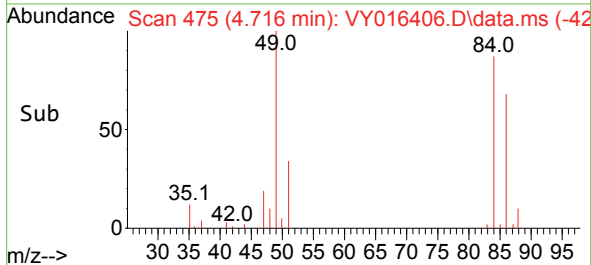
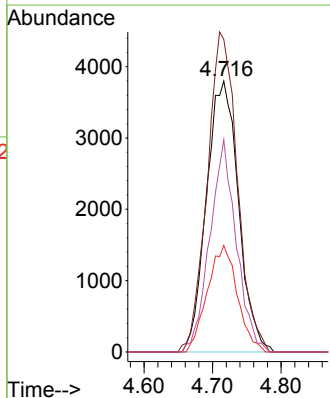
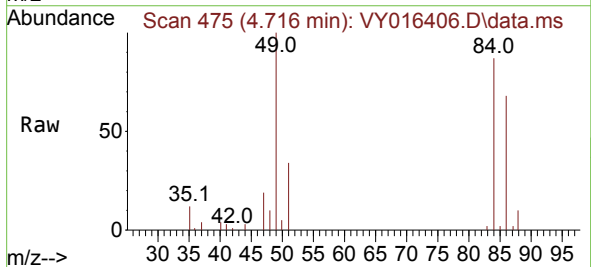


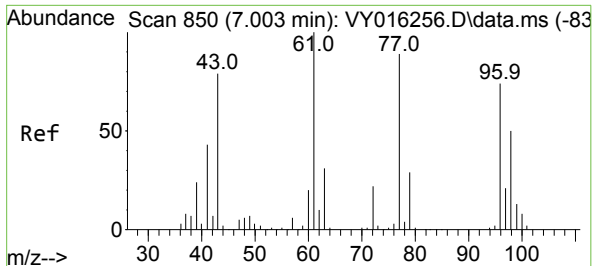
Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
58 40.7 22.7 34.1#



#20
Methylene Chloride
Concen: 9.360 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

Tgt Ion: 84 Resp: 12296
Ion Ratio Lower Upper
84 100
49 115.3 106.9 160.3
51 39.3 33.2 49.8
86 78.3 51.0 76.6#





#25

2-Butanone

Concen: 2.787 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.024 min

Lab File: VY016406.D

Acq: 17 Nov 2023 12:12

Instrument :

MSVOA_Y

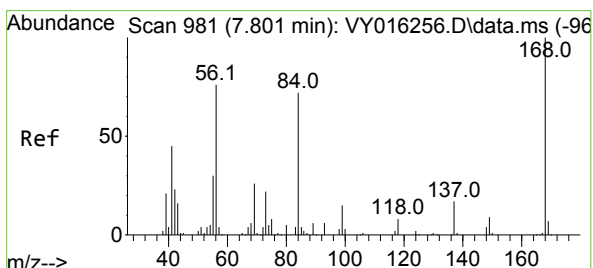
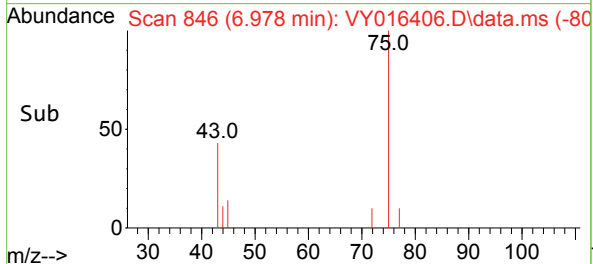
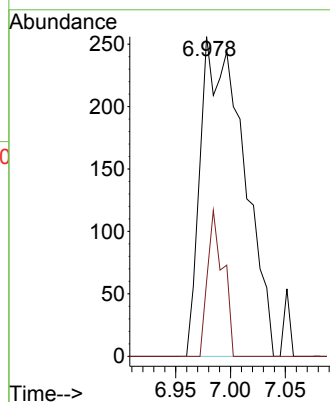
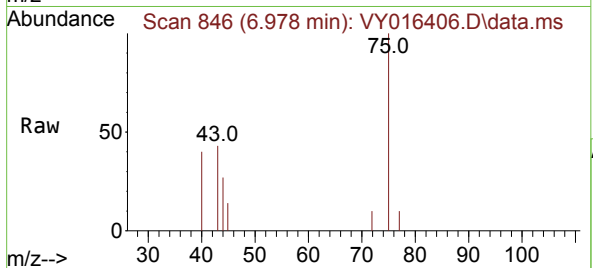
ClientSampleId :

Tgt Ion: 43 Resp: 697

Ion Ratio Lower Upper

43 100

72 23.4 20.5 30.7



#31

Cyclohexane

Concen: 1.024 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.018 min

Lab File: VY016406.D

Acq: 17 Nov 2023 12:12

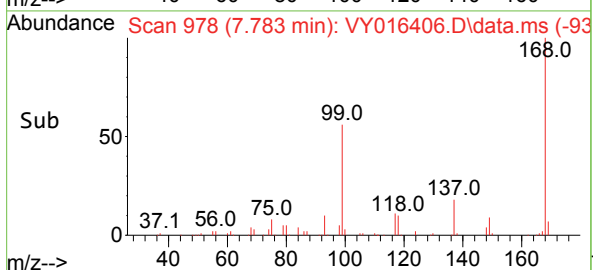
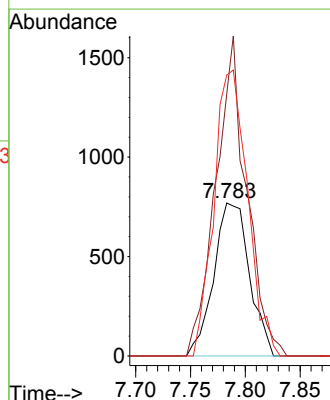
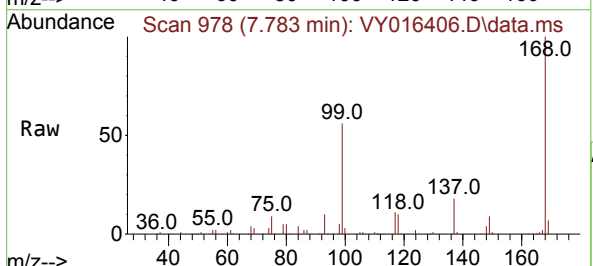
Tgt Ion: 56 Resp: 1740

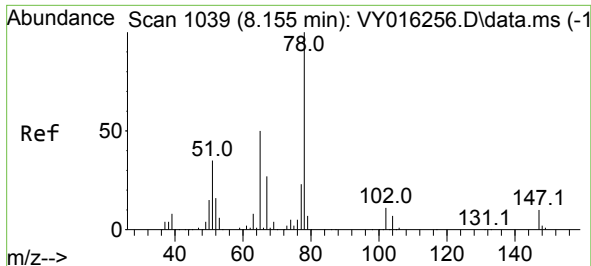
Ion Ratio Lower Upper

56 100

69 171.5 27.8 41.6#

84 183.7 66.4 99.6#

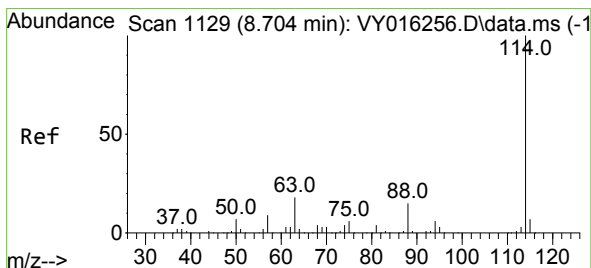
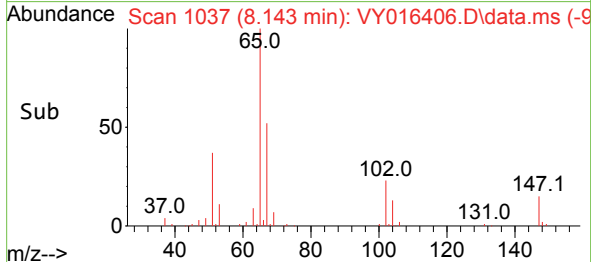
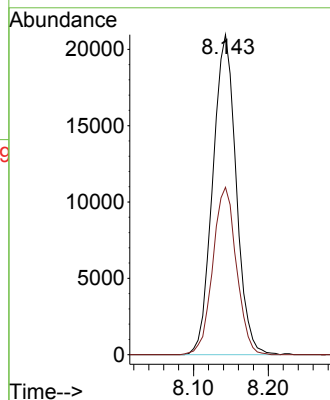
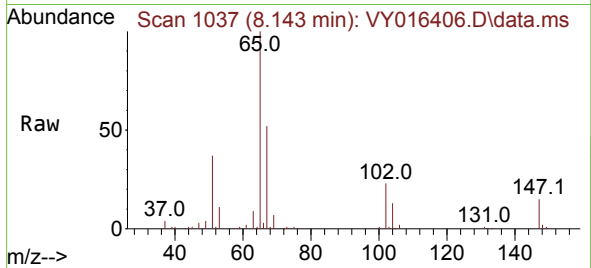




#33
 1,2-Dichloroethane-d4
 Concen: 52.822 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.012 min
 Lab File: VY016406.D
 Acq: 17 Nov 2023 12:12

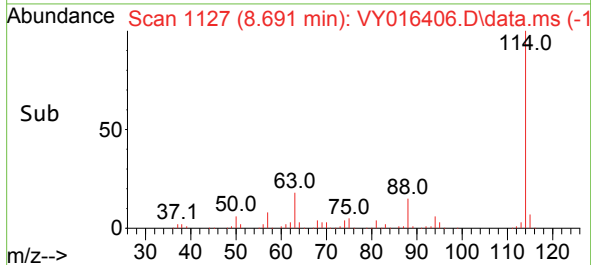
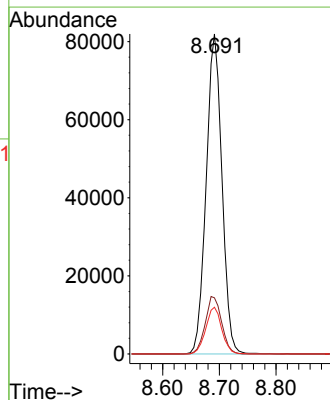
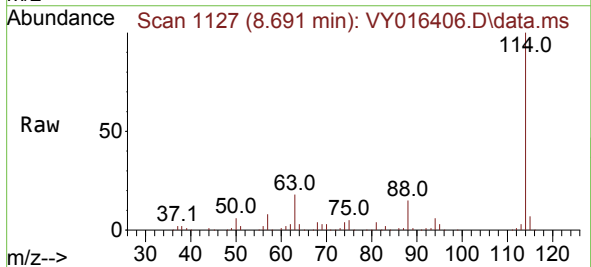
Instrument :
 MSVOA_Y
 ClientSampleId :

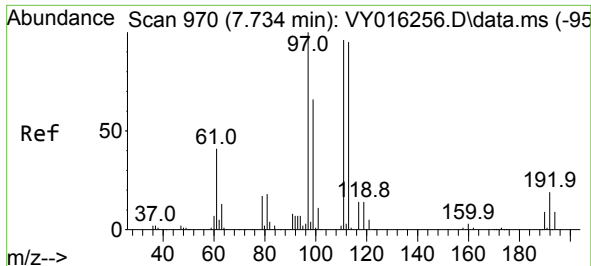
Tgt Ion: 65 Resp: 45600
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016406.D
 Acq: 17 Nov 2023 12:12

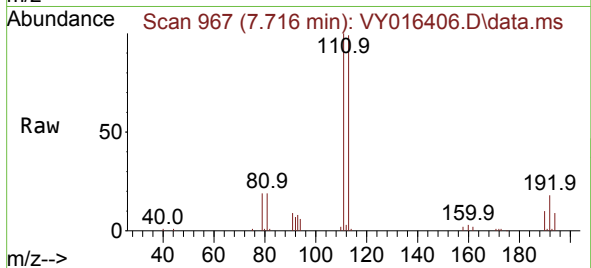
Tgt Ion:114 Resp: 158080
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.4
 88 14.6 0.0 30.6



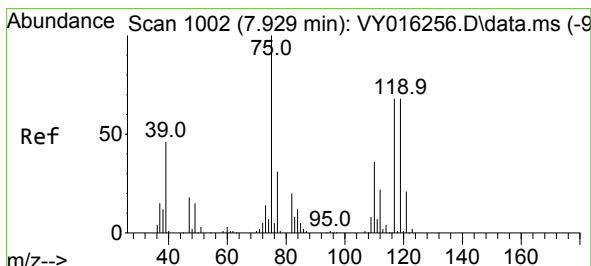
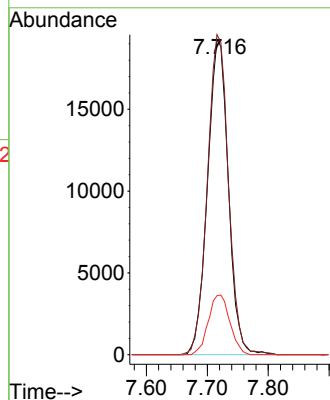
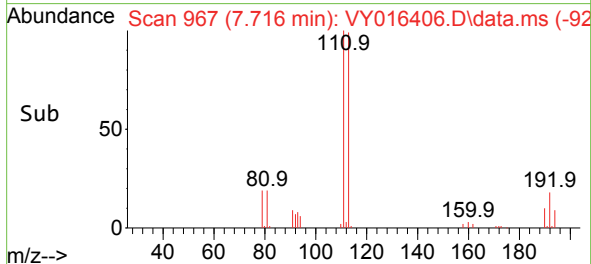


#35
Dibromofluoromethane
Concen: 50.888 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.018 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

Instrument :
MSVOA_Y
ClientSampleId :

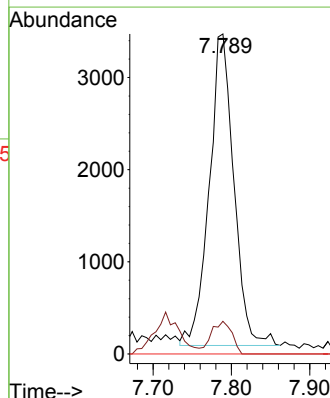
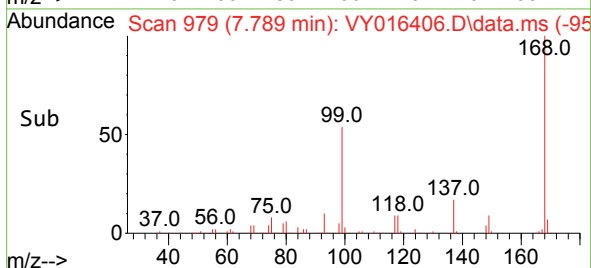
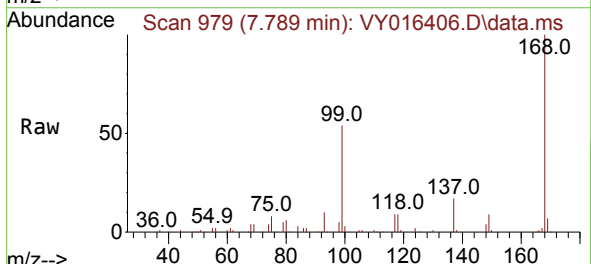


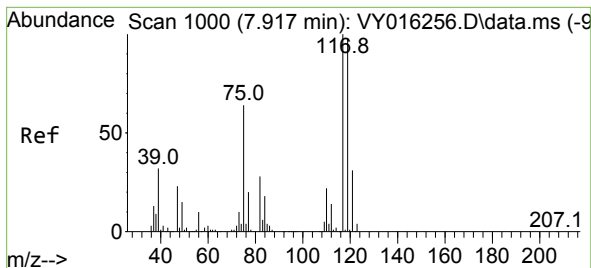
Tgt Ion:113 Resp: 45697
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.741 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

Tgt Ion: 75 Resp: 7392
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.877 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

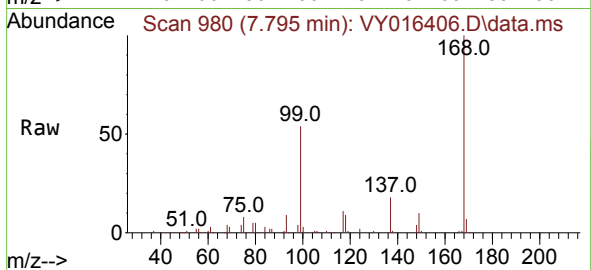
Lab File: VY016406.D

Acq: 17 Nov 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :



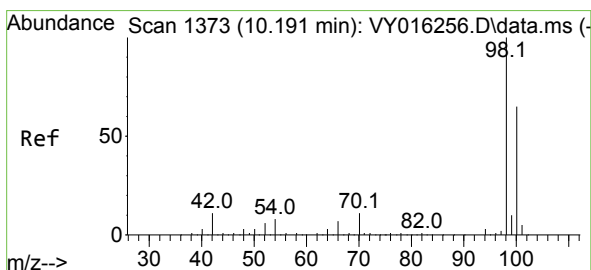
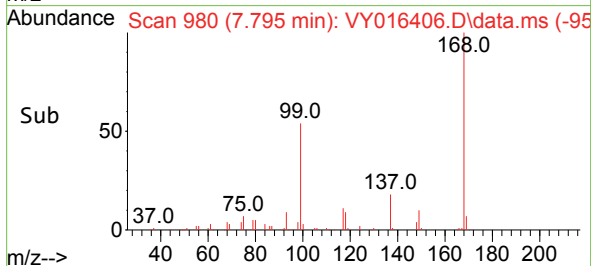
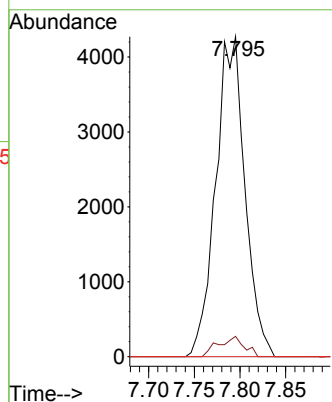
Tgt Ion:117 Resp: 9511

Ion Ratio Lower Upper

117 100

119 6.4 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 50.781 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.012 min

Lab File: VY016406.D

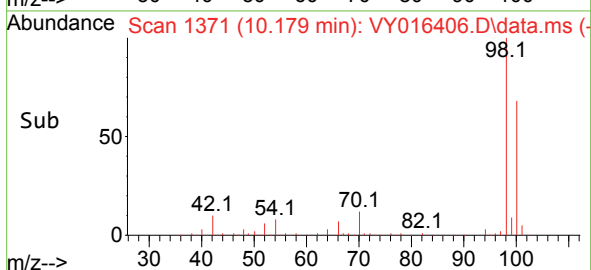
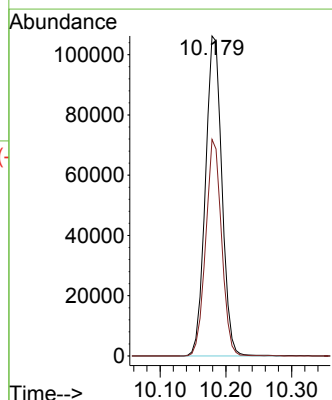
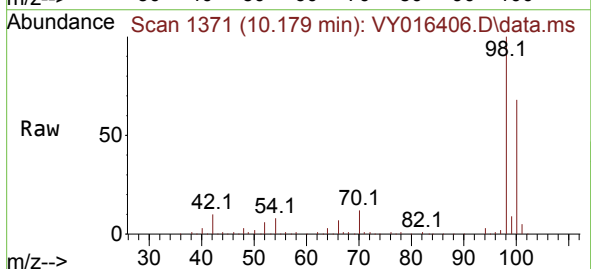
Acq: 17 Nov 2023 12:12

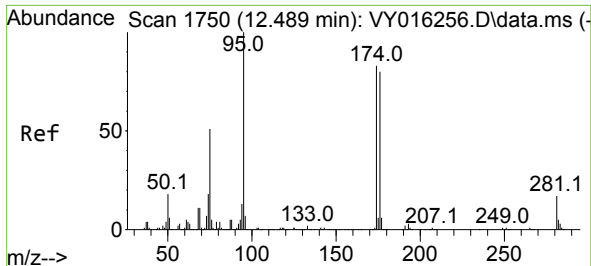
Tgt Ion: 98 Resp: 184920

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

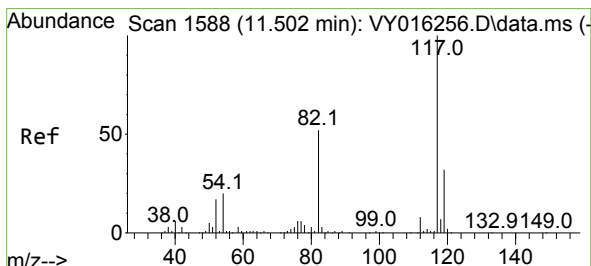
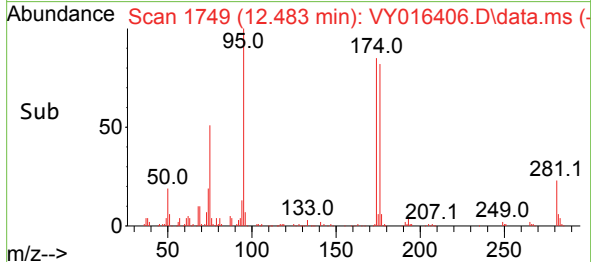
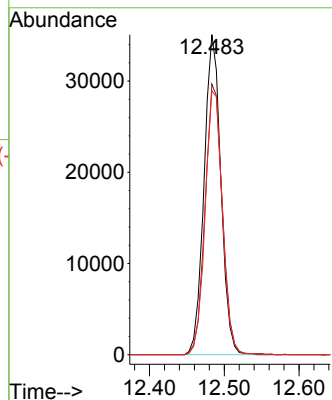
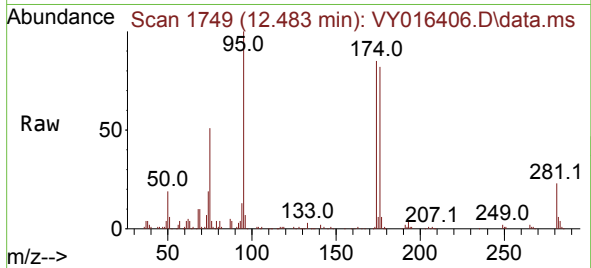




#62
4-Bromofluorobenzene
Concen: 46.307 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

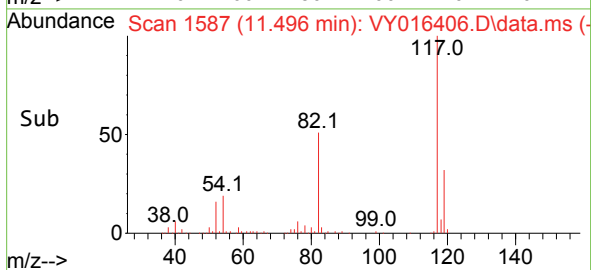
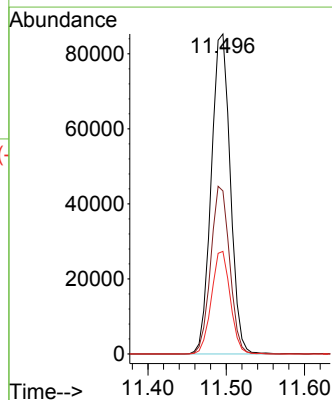
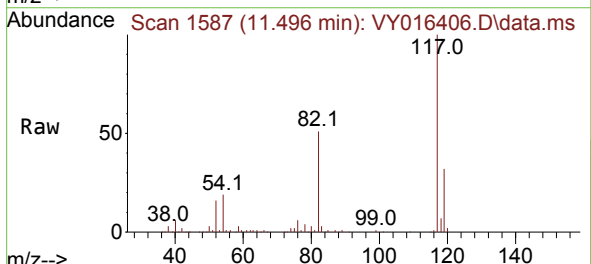
Instrument :
MSVOA_Y
ClientSampleId :

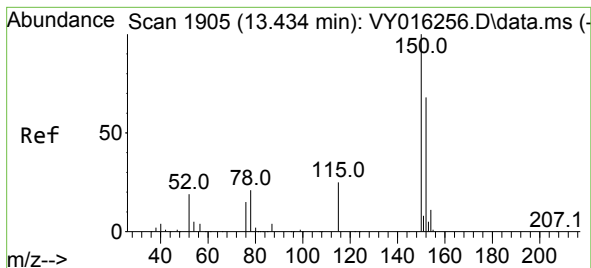
Tgt Ion: 95 Resp: 54768
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 84.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

Tgt Ion: 117 Resp: 144041
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

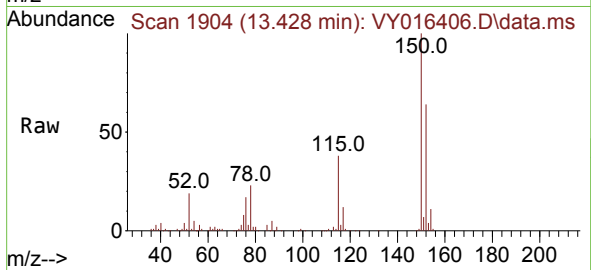
Lab File: VY016406.D

Acq: 17 Nov 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :



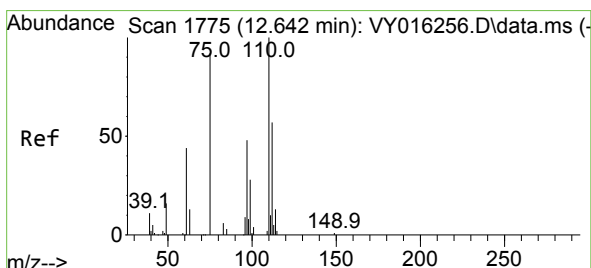
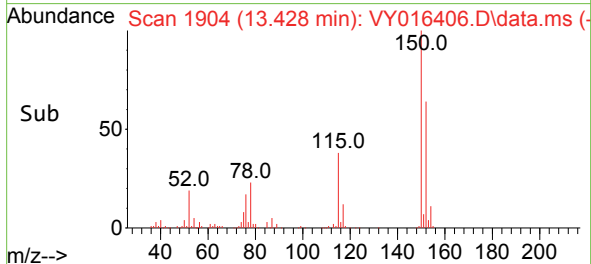
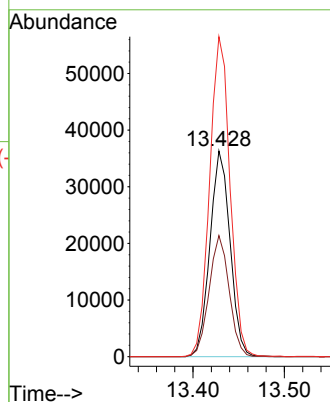
Tgt Ion:152 Resp: 55524

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 157.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 52.967 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.159 min

Lab File: VY016406.D

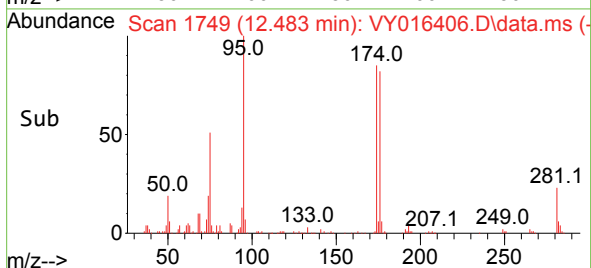
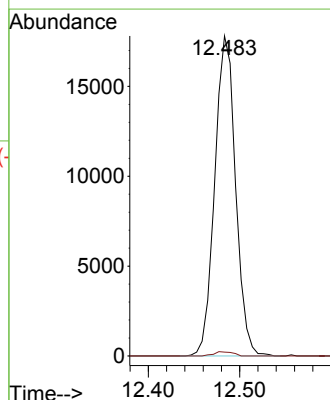
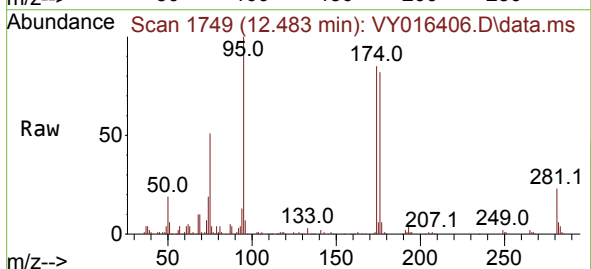
Acq: 17 Nov 2023 12:12

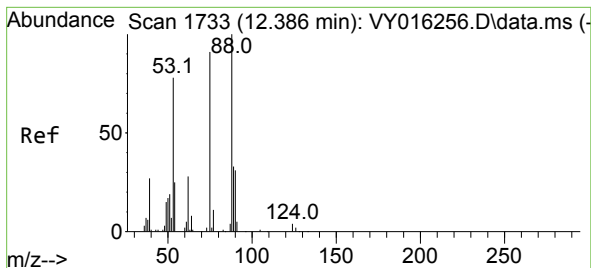
Tgt Ion: 75 Resp: 28212

Ion Ratio Lower Upper

75 100

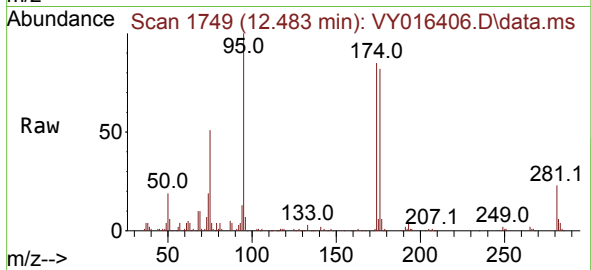
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.969 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY016406.D
 Acq: 17 Nov 2023 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :



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

