

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016038.D
 Acq On : 19 Oct 2023 15:36
 Operator : SY/MD
 Sample : 04919-01
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:37:30 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)

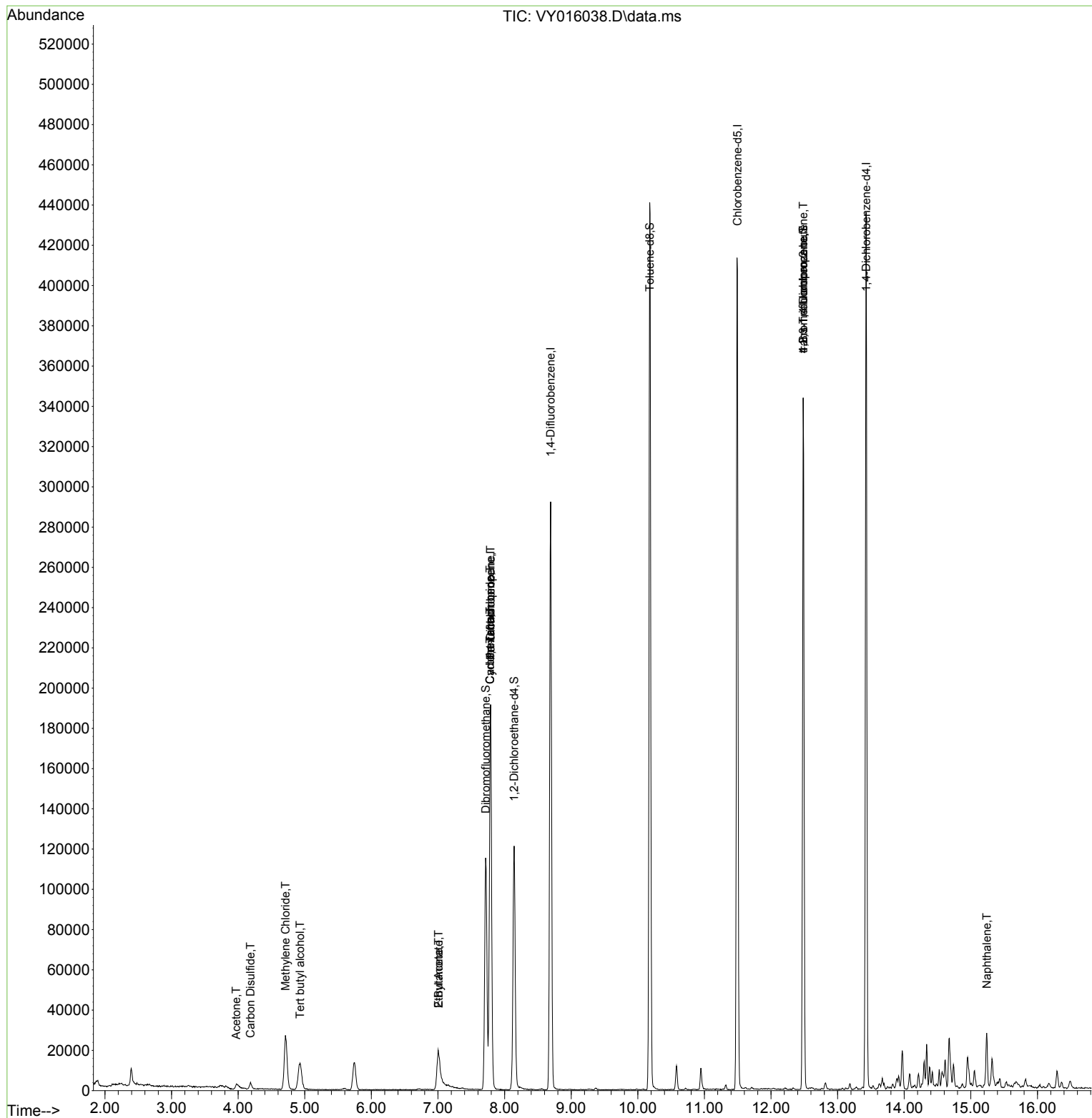
Internal Standards						
1) Pentafluorobenzene	7.789	168	151032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97596	56.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.700%
35) Dibromofluoromethane	7.716	113	83623	49.613	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.179	98	299998	49.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.483	95	100484	46.004	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	12951	48.875	ug/l #	90
13) Acrolein	3.741	56	1022	Below Cal		94
16) Acetone	3.973	43	6857	10.776	ug/l #	85
17) Carbon Disulfide	4.186	76	5823	1.372	ug/l #	84
20) Methylene Chloride	4.710	84	20532	10.862	ug/l	92
25) 2-Butanone	7.009	43	2756	3.162	ug/l #	85
31) Cyclohexane	7.783	56	2888	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12160	4.795	ug/l #	49
37) Ethyl Acetate	7.009	43	2756	1.508	ug/l #	42
38) Carbon Tetrachloride	7.783	117	14761	5.477	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52899	33.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52899	73.368	ug/l #	10
95) Naphthalene	15.239	128	21914	3.887	ug/l	99

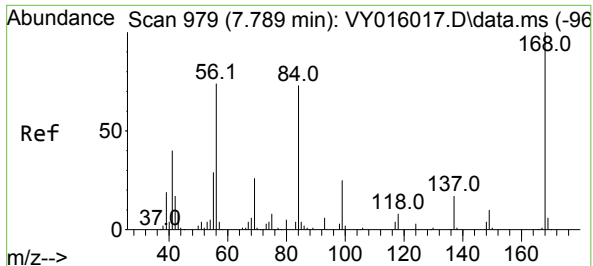
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016038.D
Acq On : 19 Oct 2023 15:36
Operator : SY/MD
Sample : 04919-01
Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

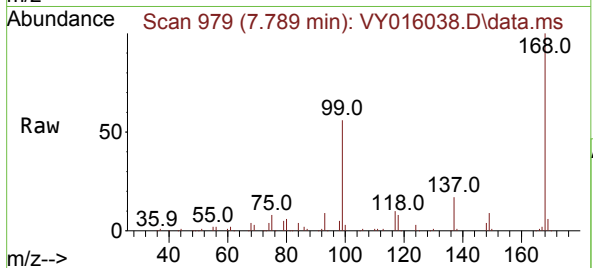
Quant Time: Oct 20 05:37:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration



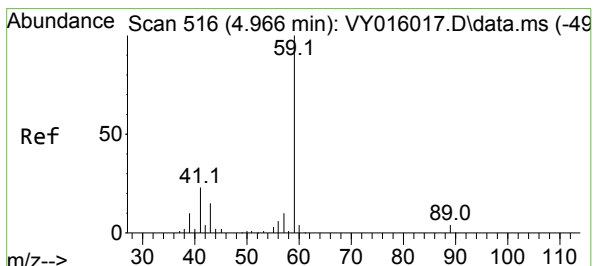
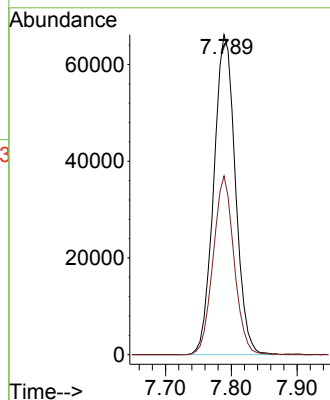
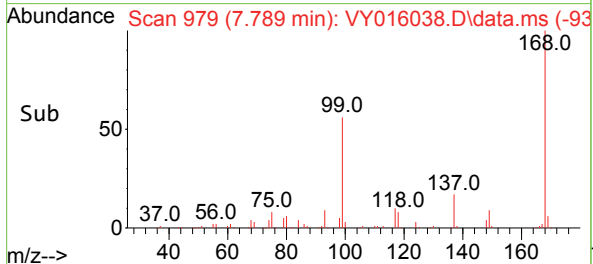


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :

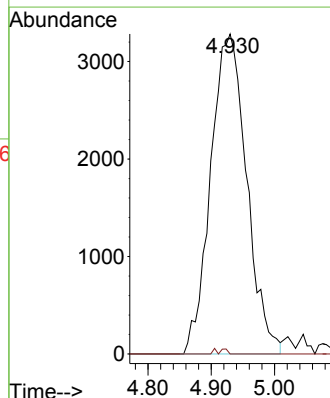
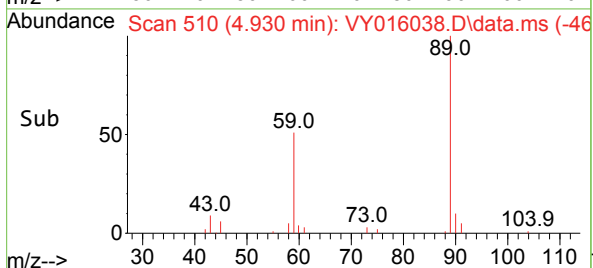
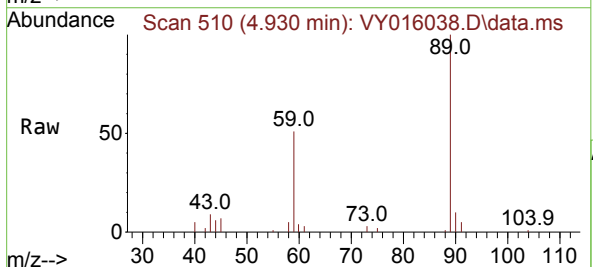


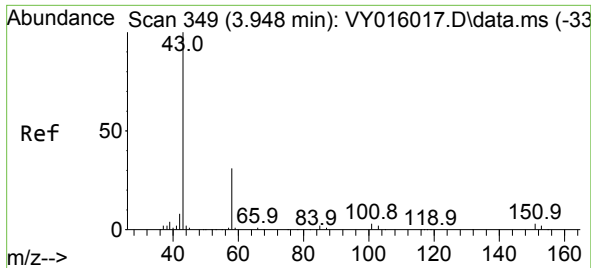
Tgt Ion:168 Resp: 151032
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 48.875 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.037 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

Tgt Ion: 59 Resp: 12951
Ion Ratio Lower Upper
59 100
57 0.3 3.0 4.4#

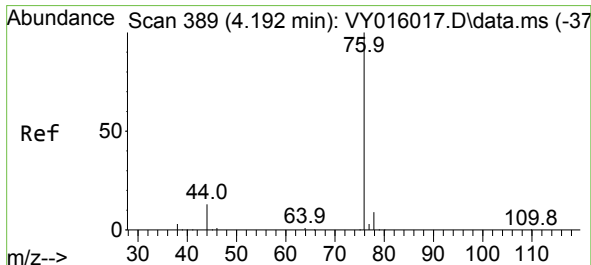
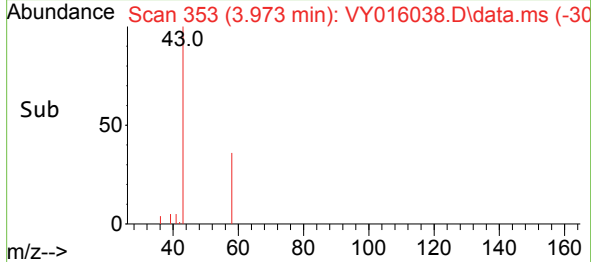
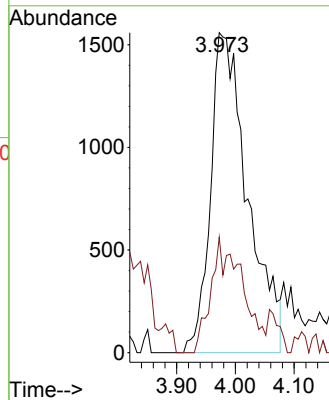
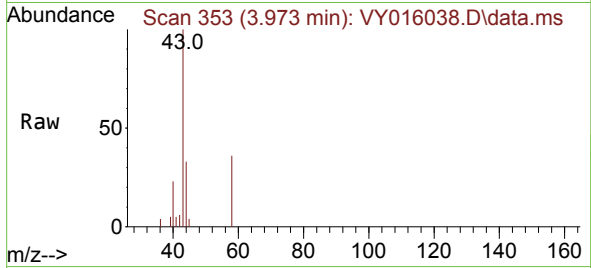




#16
Acetone
Concen: 10.776 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

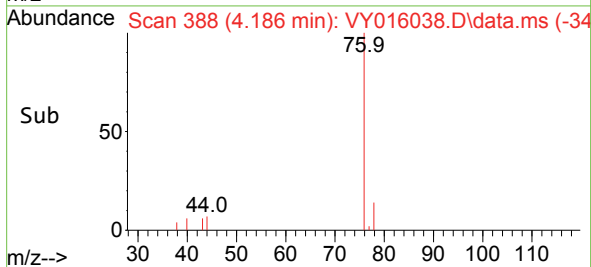
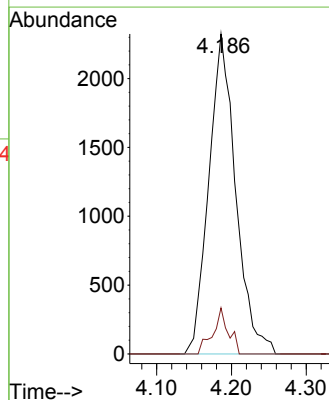
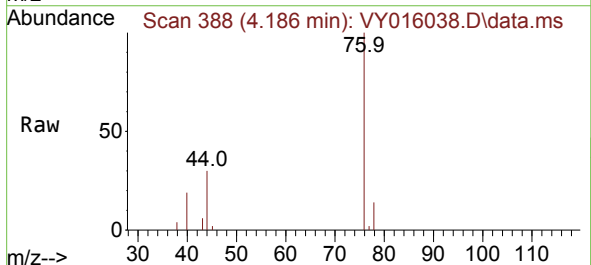
Instrument :
MSVOA_Y
ClientSampleId :

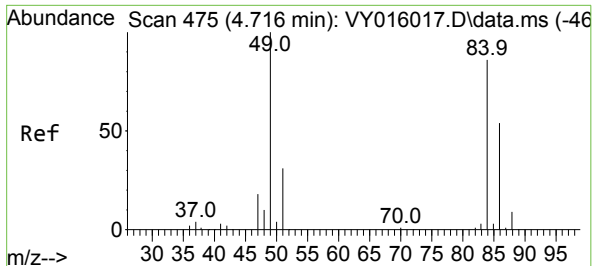
Tgt Ion: 43 Resp: 6857
Ion Ratio Lower Upper
43 100
58 36.1 22.7 34.1#



#17
Carbon Disulfide
Concen: 1.372 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

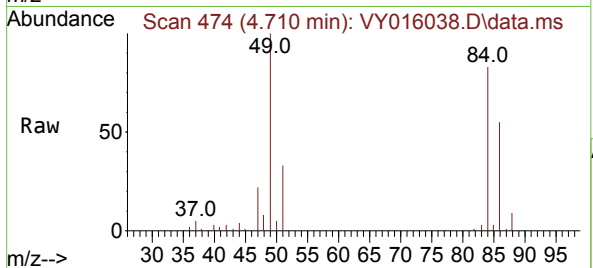
Tgt Ion: 76 Resp: 5823
Ion Ratio Lower Upper
76 100
78 14.4 7.0 10.4#



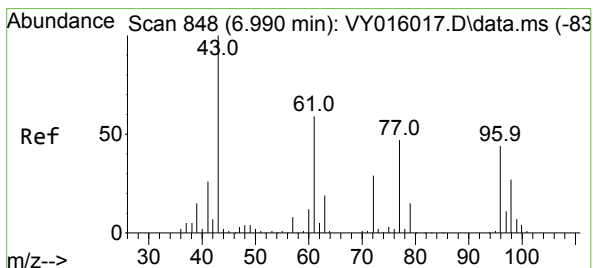
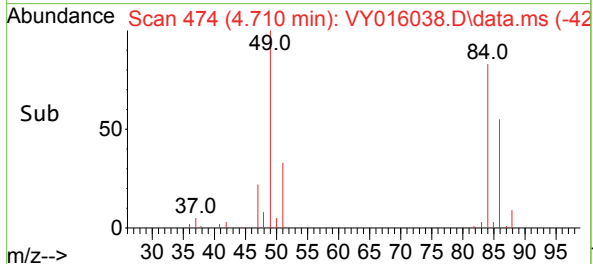
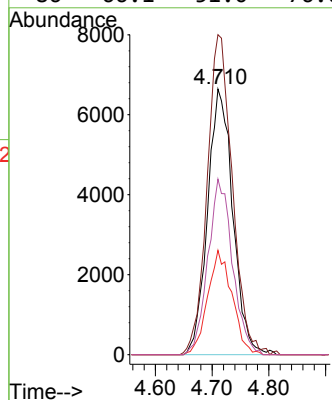


#20
Methylene Chloride
Concen: 10.862 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :

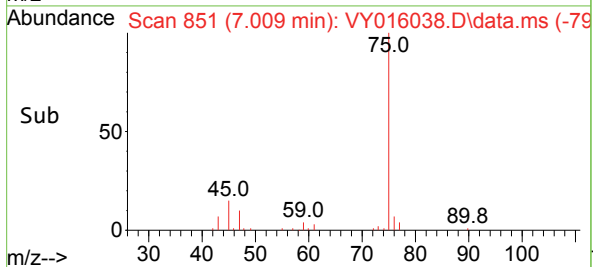
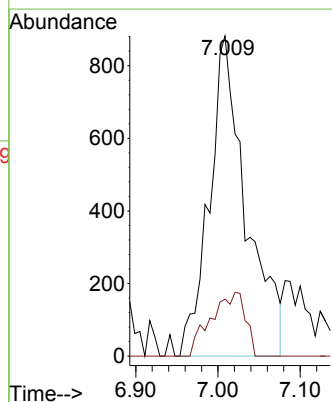
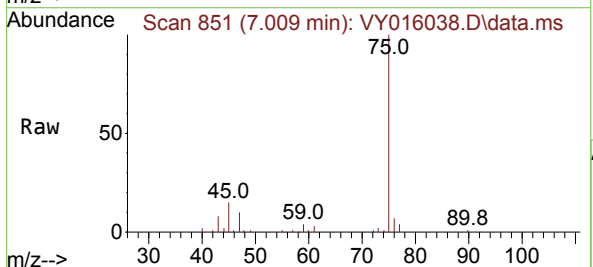


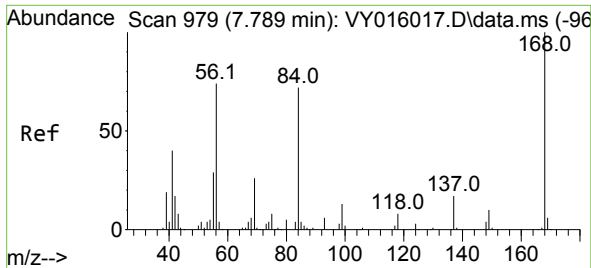
Tgt Ion:	84	Resp:	20532
Ion	Ratio	Lower	Upper
84	100		
49	120.5	106.9	160.3
51	39.3	33.2	49.8
86	66.1	51.0	76.6



#25
2-Butanone
Concen: 3.162 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

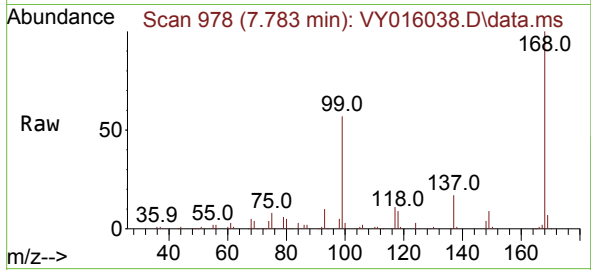
Tgt Ion:	43	Resp:	2756
Ion	Ratio	Lower	Upper
43	100		
72	17.8	20.5	30.7#



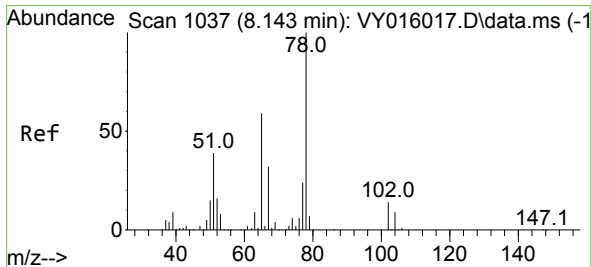
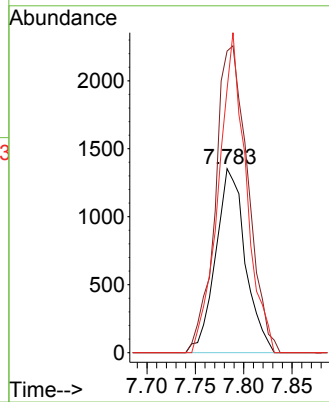
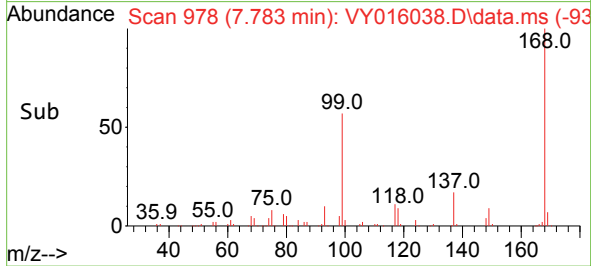


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :

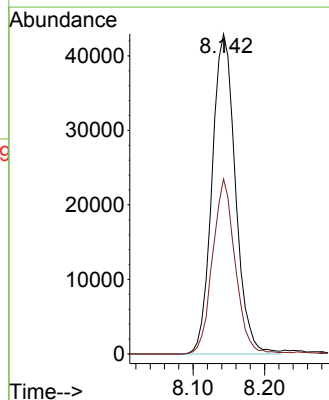
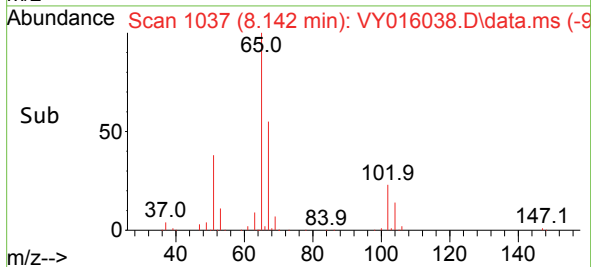
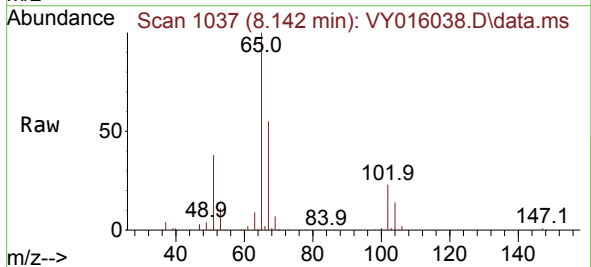


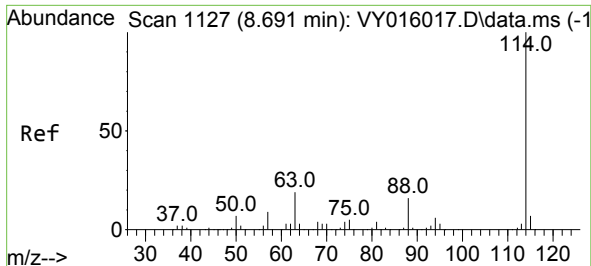
Tgt Ion: 56 Resp: 2888
Ion Ratio Lower Upper
56 100
69 164.0 27.8 41.6#
84 143.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.855 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

Tgt Ion: 65 Resp: 97596
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. -0.000 min

Lab File: VY016038.D

Acq: 19 Oct 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

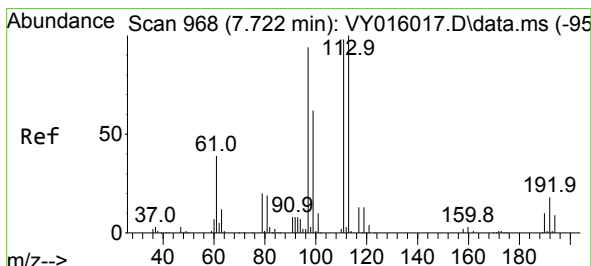
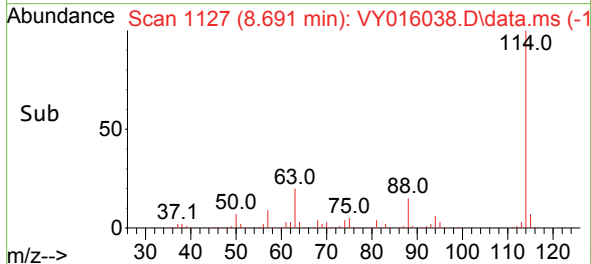
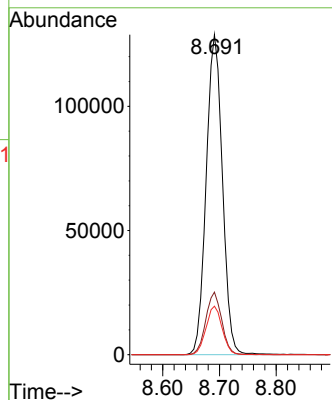
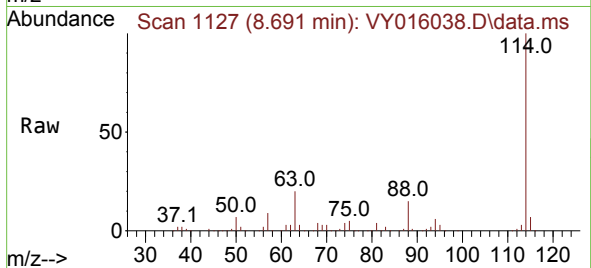
Tgt Ion:114 Resp: 256072

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.613 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY016038.D

Acq: 19 Oct 2023 15:36

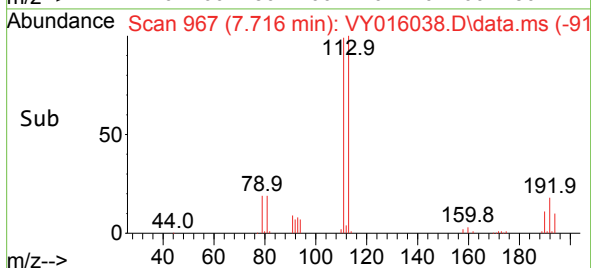
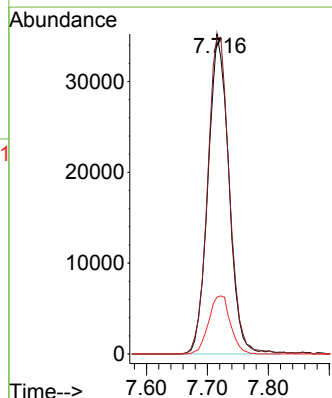
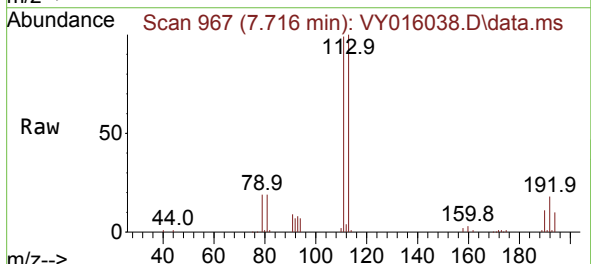
Tgt Ion:113 Resp: 83623

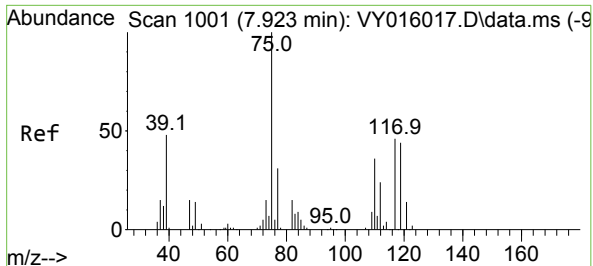
Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

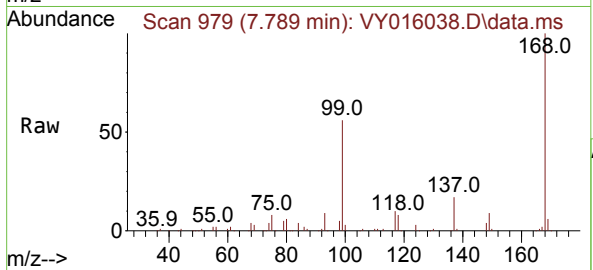
192 19.0 16.9 25.3



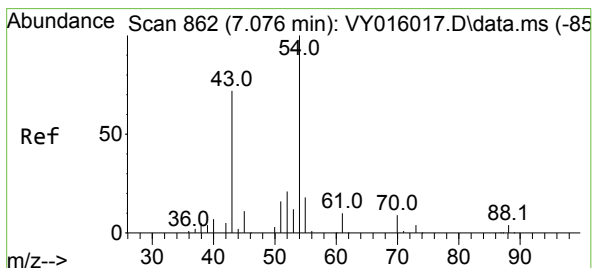
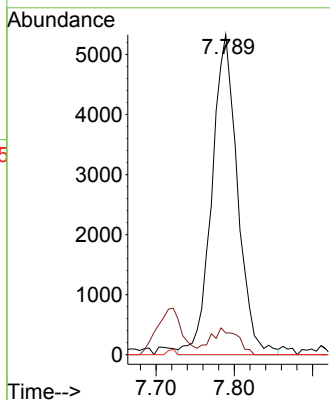
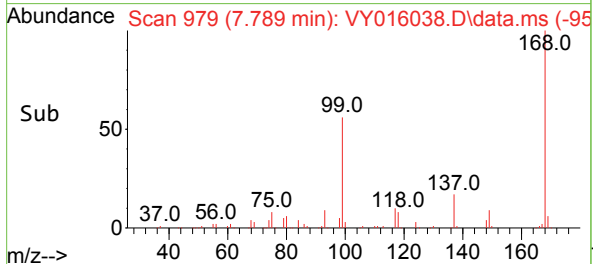


#36
 1,1-Dichloropropene
 Concen: 4.795 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY016038.D
 Acq: 19 Oct 2023 15:36

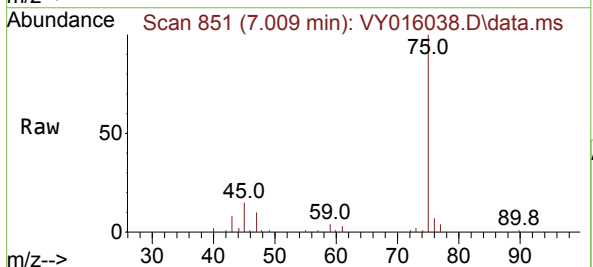
Instrument :
 MSVOA_Y
 ClientSampleId :



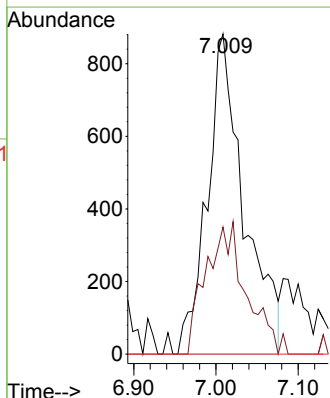
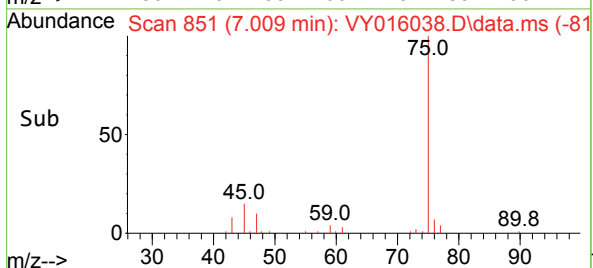
Tgt Ion: 75 Resp: 12160
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.8 53.5#
 77 0.0 24.4 36.6#

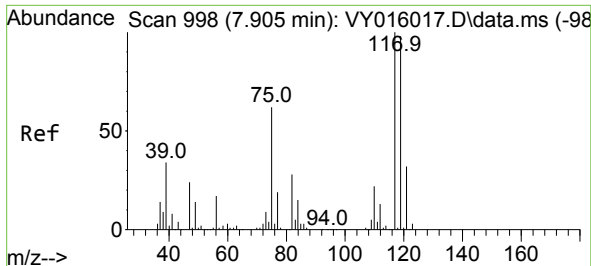


#37
 Ethyl Acetate
 Concen: 1.508 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. -0.067 min
 Lab File: VY016038.D
 Acq: 19 Oct 2023 15:36



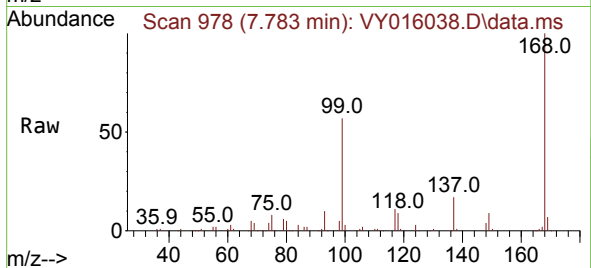
Tgt Ion: 43 Resp: 2756
 Ion Ratio Lower Upper
 43 100
 61 44.8 10.1 15.1#
 70 0.0 7.1 10.7#



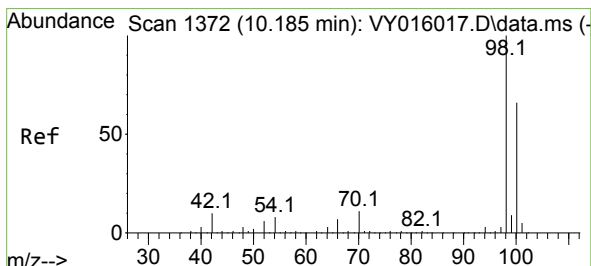
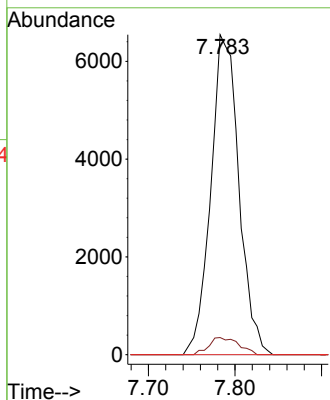
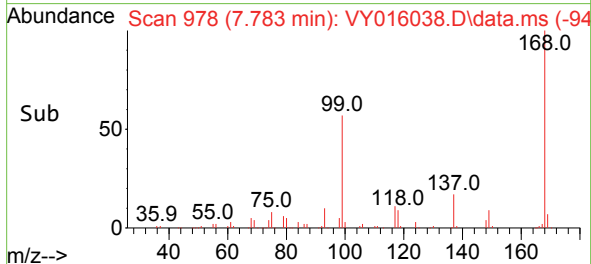


#38
Carbon Tetrachloride
Concen: 5.477 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :

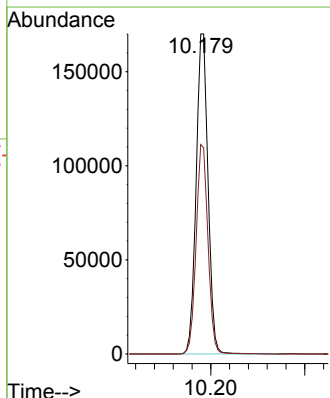
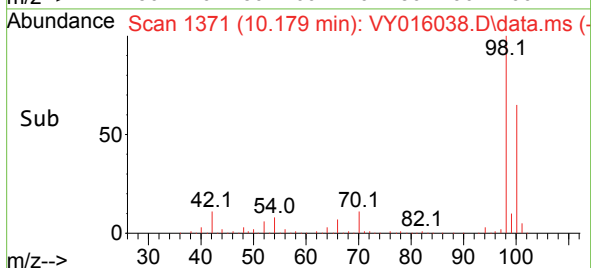
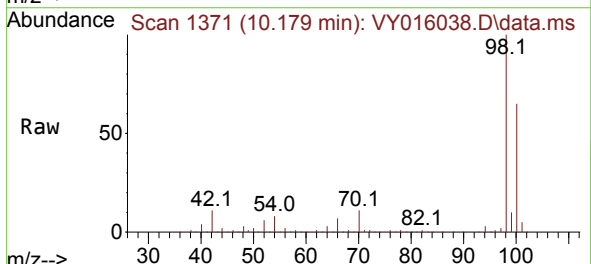


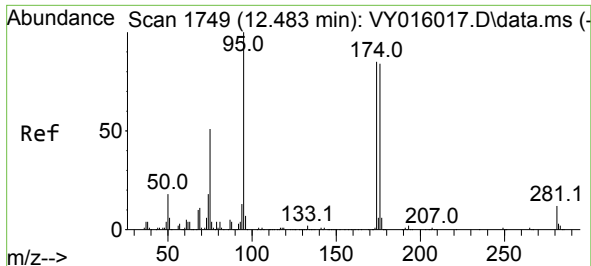
Tgt Ion:117 Resp: 14761
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.008 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

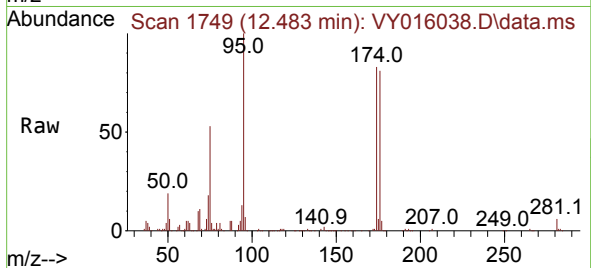
Tgt Ion: 98 Resp: 299998
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



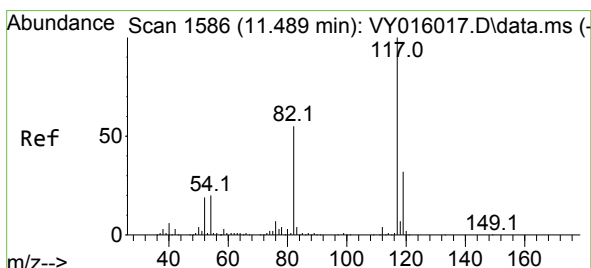
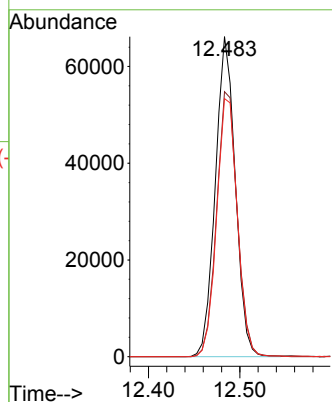
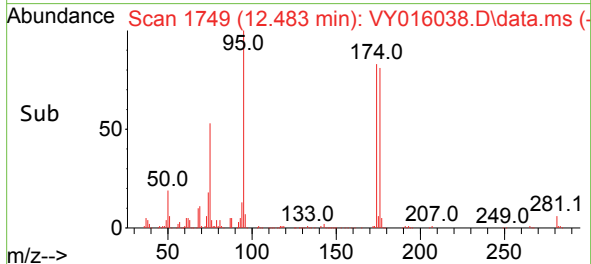


#62
4-Bromofluorobenzene
Concen: 46.004 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

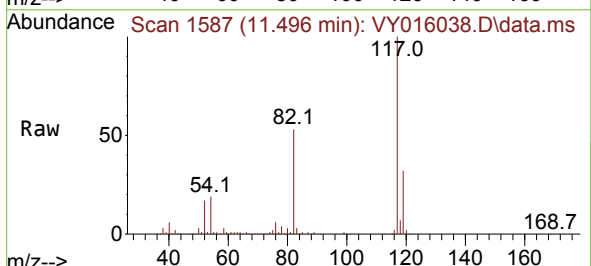
Instrument :
MSVOA_Y
ClientSampleId :



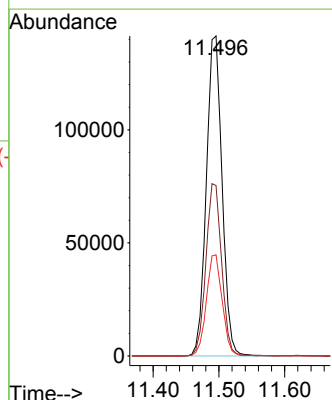
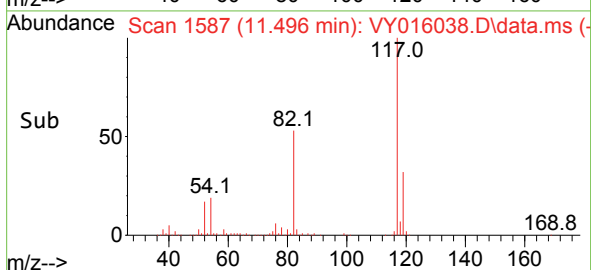
Tgt Ion: 95 Resp: 100484
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 83.8 0.0 173.8

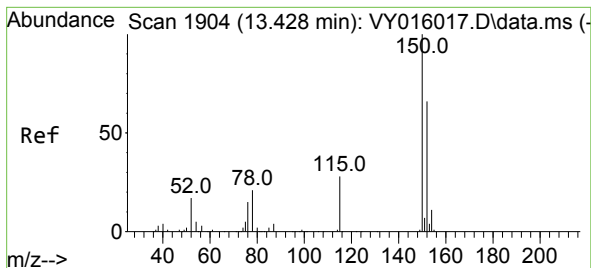


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36



Tgt Ion: 117 Resp: 235565
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.6 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: VY016038.D

Acq: 19 Oct 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

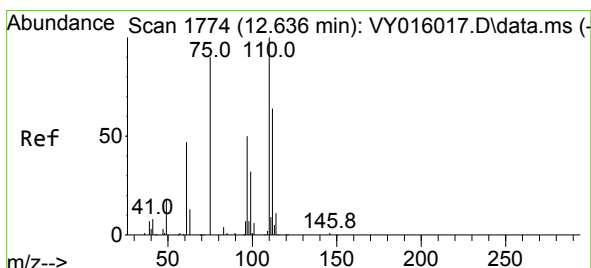
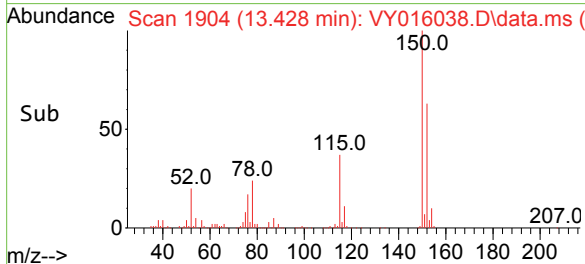
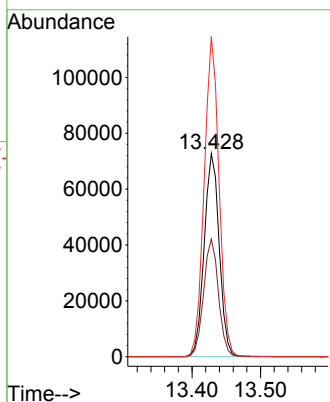
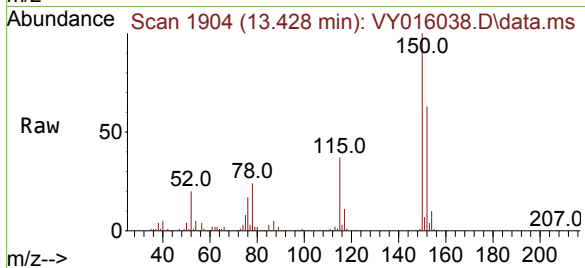
Tgt Ion:152 Resp: 111158

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 33.611 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY016038.D

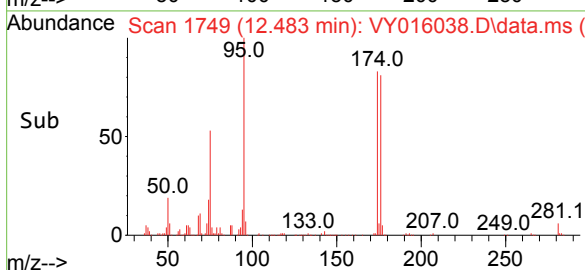
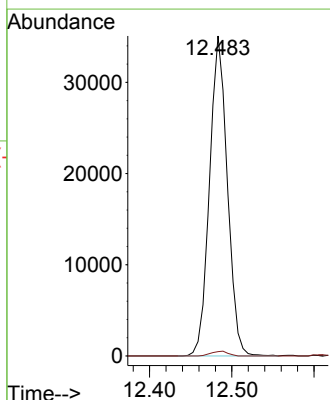
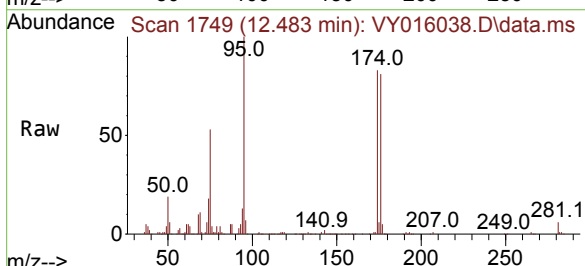
Acq: 19 Oct 2023 15:36

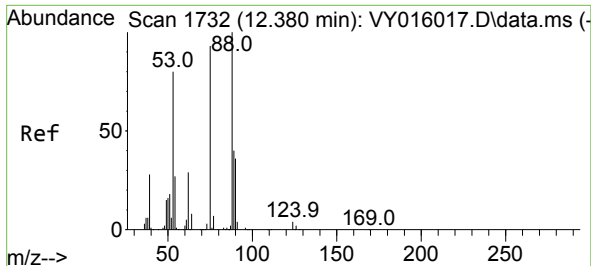
Tgt Ion: 75 Resp: 52899

Ion Ratio Lower Upper

75 100

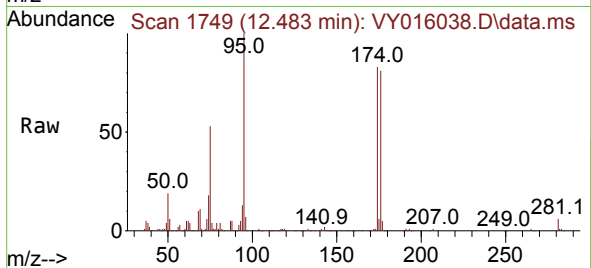
77 1.4 0.0 0.0#



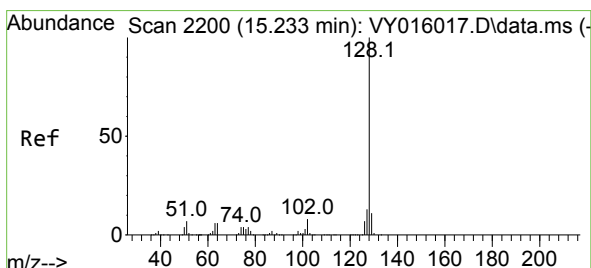
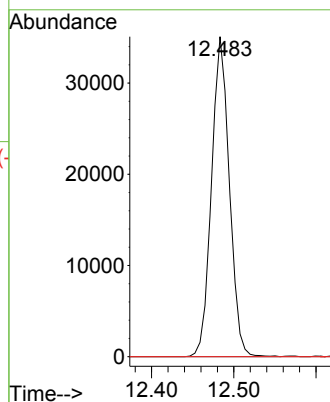
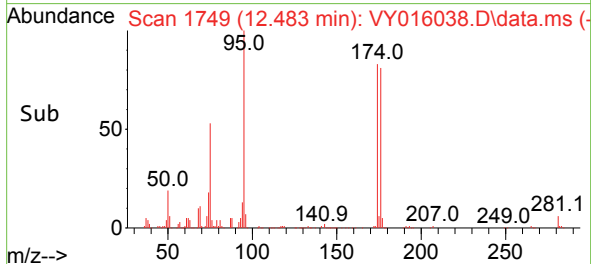


#81
trans-1,4-Dichloro-2-butene
Concen: 73.368 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

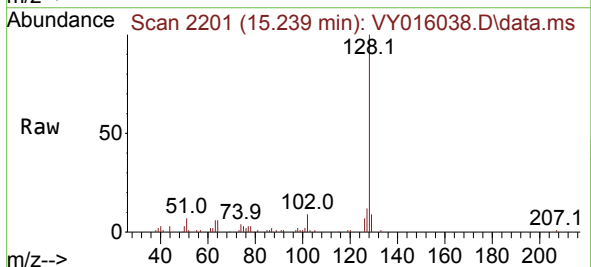
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 52899
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 3.887 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36



Tgt Ion: 128 Resp: 21914
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.3 8.6 13.0

