

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009169.D
 Acq On : 07 Jun 2022 17:15
 Operator : KP/MD
 Sample : N3194-04
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Jun 08 07:58:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

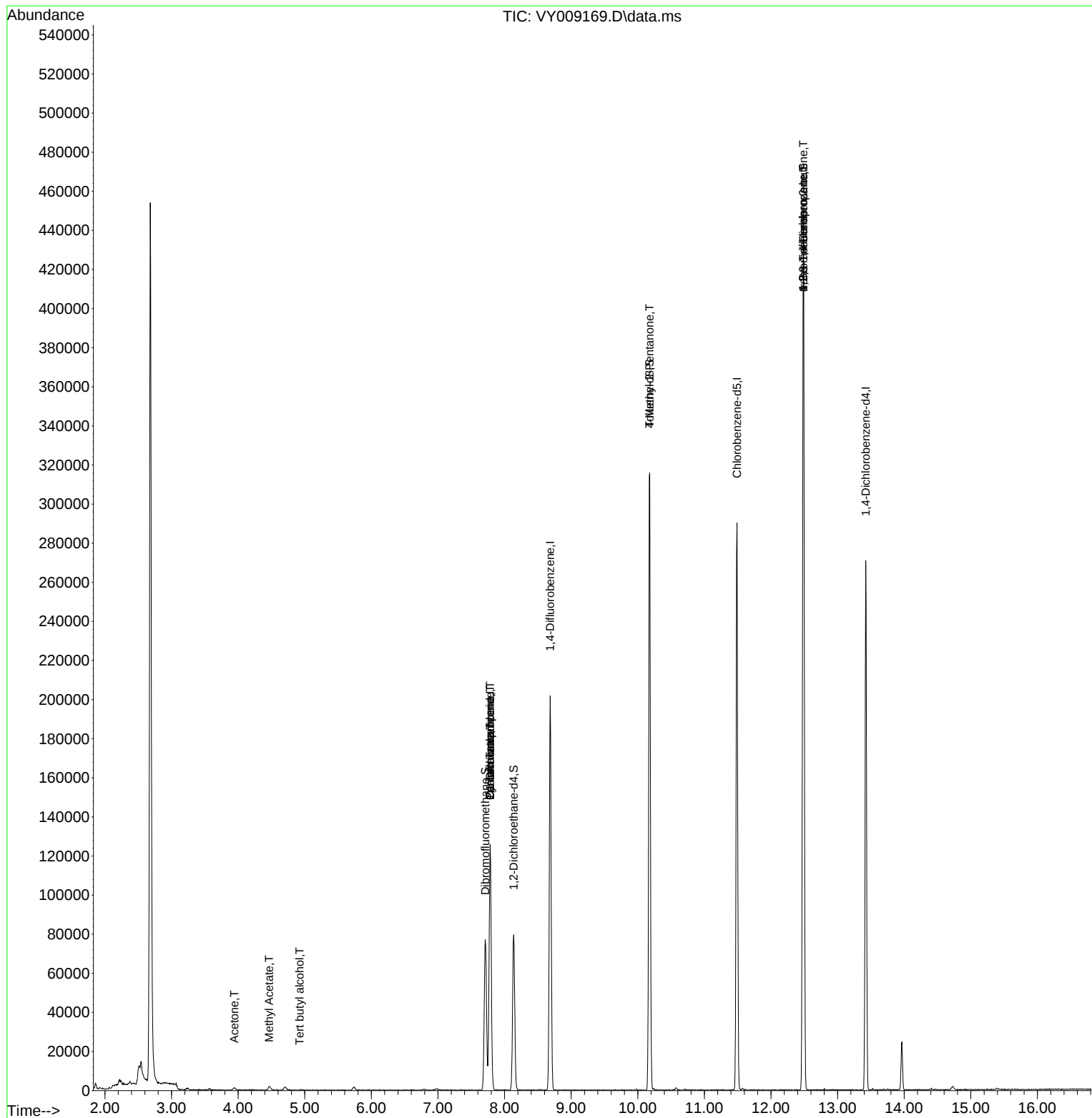
Internal Standards						
1) Pentafluorobenzene	7.783	168	96153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	168498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	60259	60.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.780%	
35) Dibromofluoromethane	7.710	113	52406	50.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.179	98	203749	52.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.483	95	61244	39.277	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	308	3.068	ug/l #	77
16) Acetone	3.942	43	2021	9.811	ug/l #	80
18) Methyl Acetate	4.466	43	3355	5.230	ug/l #	75
20) Methylene Chloride	4.723	84	1149	Below Cal	#	57
31) Cyclohexane	7.783	56	2414	1.247	ug/l #	20
36) 1,1-Dichloropropene	7.783	75	7509	4.211	ug/l #	50
38) Carbon Tetrachloride	7.783	117	9660	5.179	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1072	1.126	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	37852	53.773	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37852	110.370	ug/l #	8

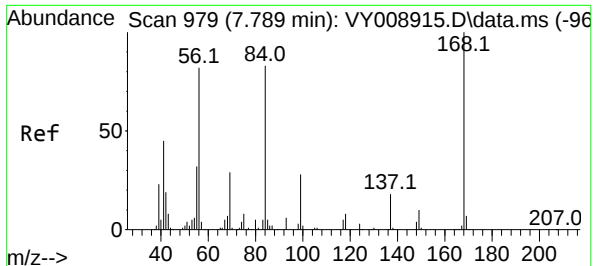
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
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Quant Time: Jun 08 07:58:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

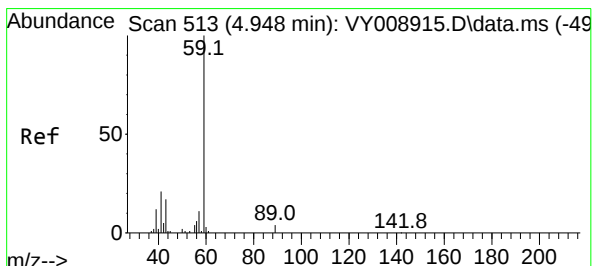
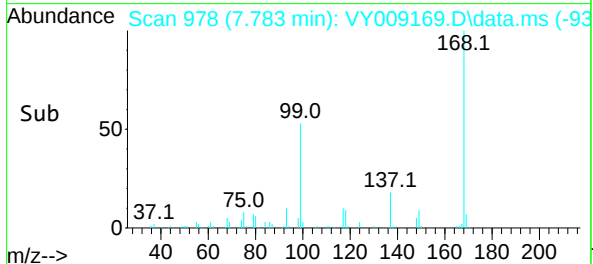
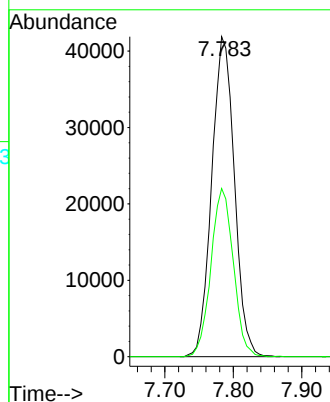
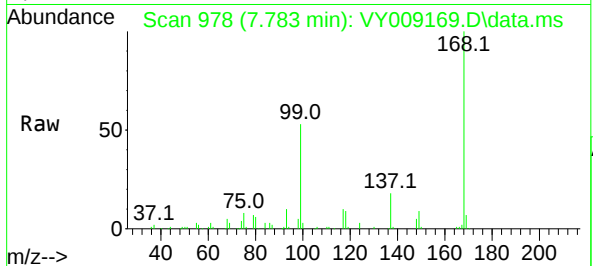




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

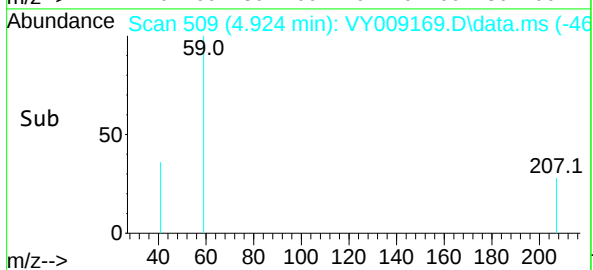
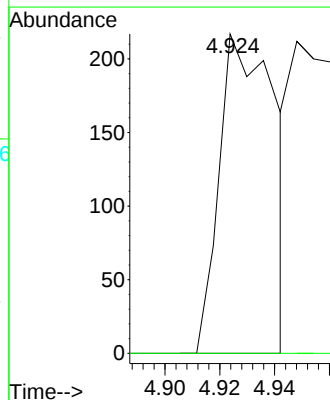
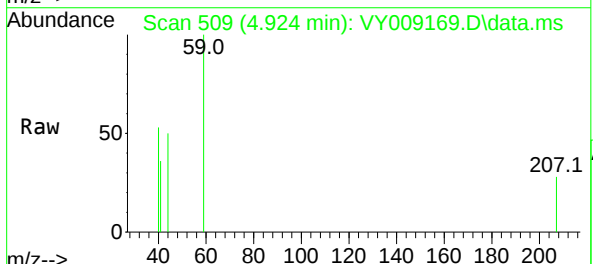
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:168 Resp: 96153
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.068 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

Tgt Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 9.811 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY009169.D

Acq: 07 Jun 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

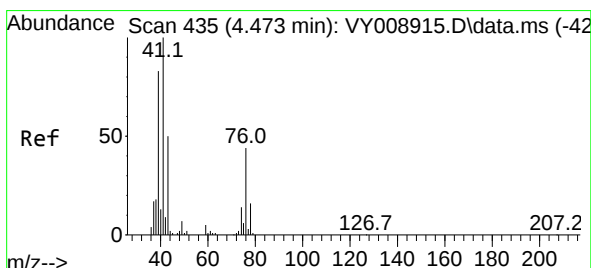
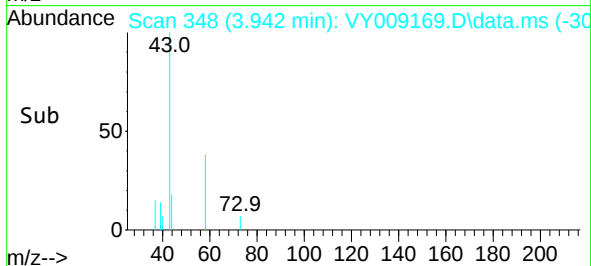
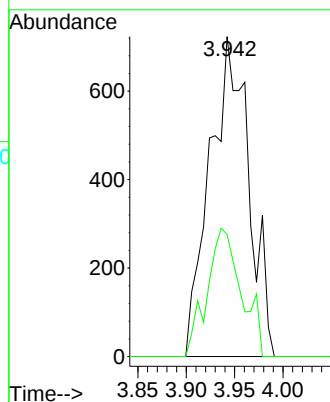
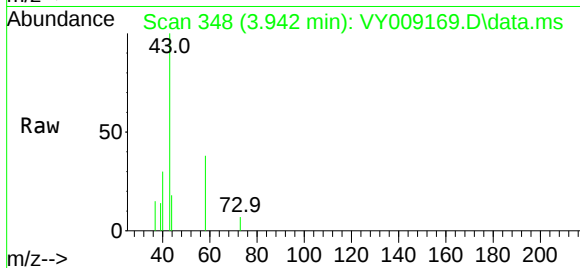
TP-3

Tgt Ion: 43 Resp: 2021

Ion Ratio Lower Upper

43 100

58 38.2 22.0 33.0#



#18

Methyl Acetate

Concen: 5.230 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.007 min

Lab File: VY009169.D

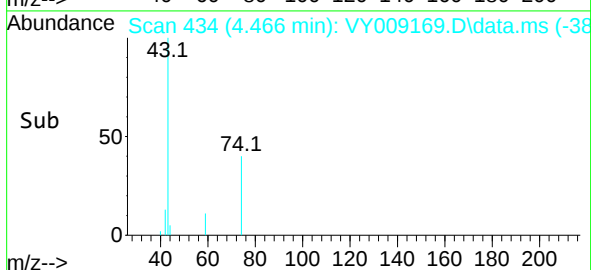
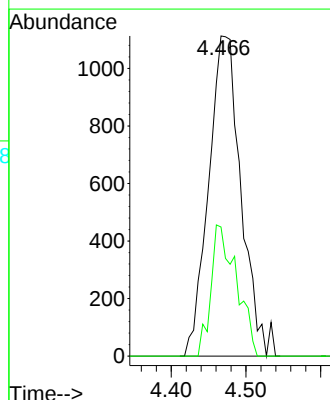
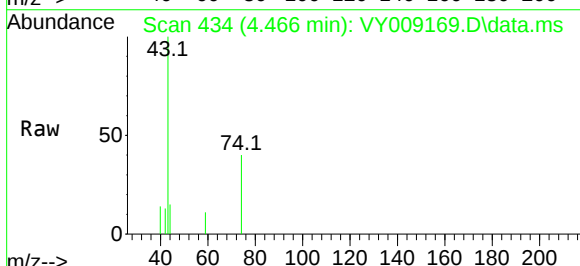
Acq: 07 Jun 2022 17:15

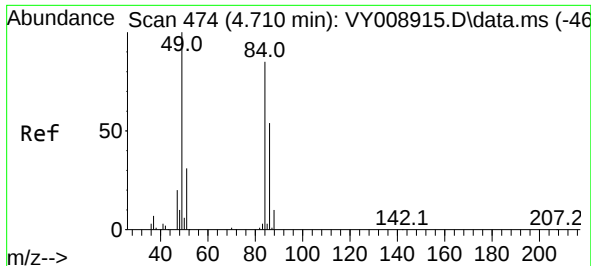
Tgt Ion: 43 Resp: 3355

Ion Ratio Lower Upper

43 100

74 32.3 16.6 24.8#

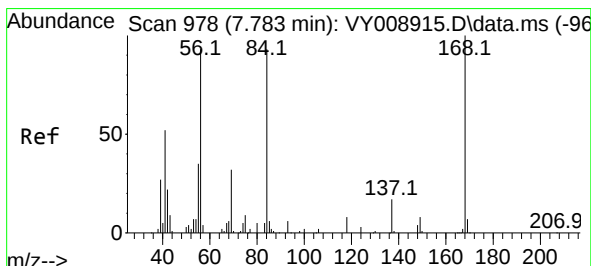
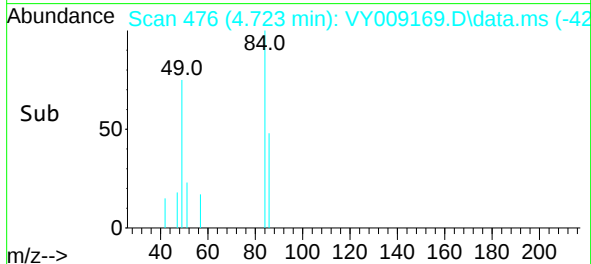
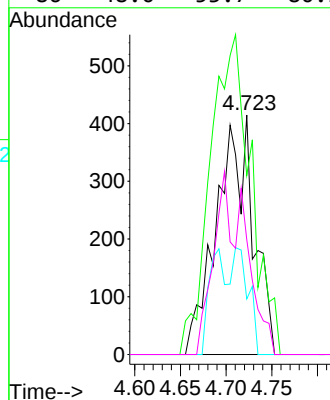
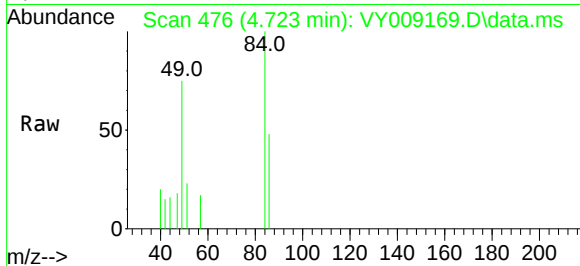




#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

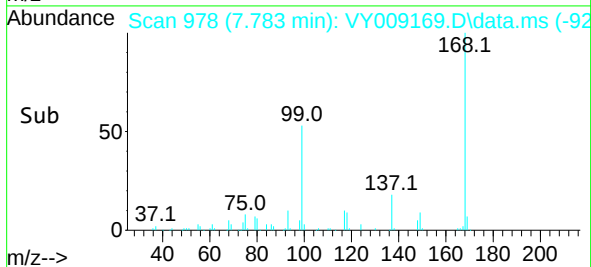
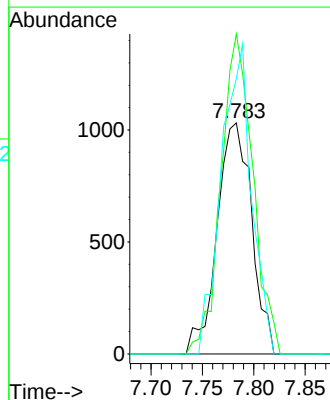
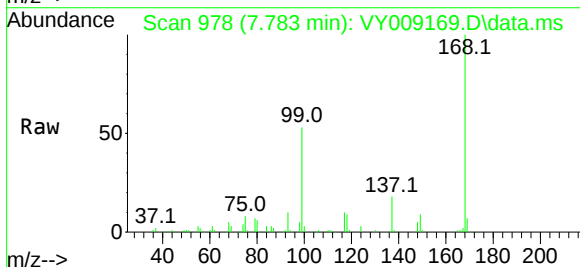
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion: 84 Resp: 1149
Ion Ratio Lower Upper
84 100
49 74.7 114.4 171.6#
51 23.1 35.3 52.9#
86 48.0 53.7 80.5#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

Tgt Ion: 56 Resp: 2414
Ion Ratio Lower Upper
56 100
69 138.5 26.7 40.1#
84 119.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.893 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009169.D

Acq: 07 Jun 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

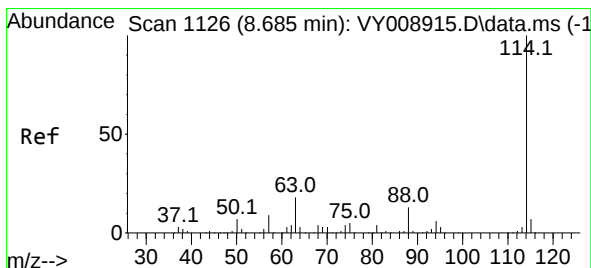
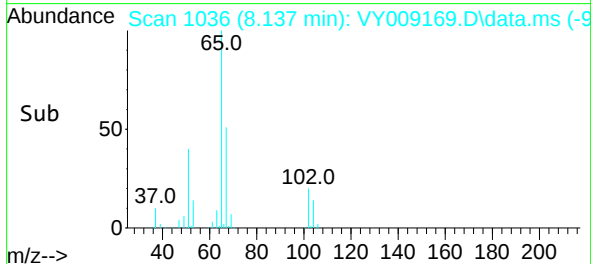
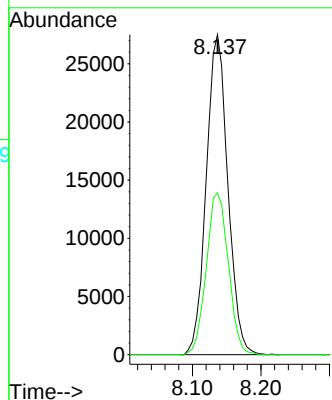
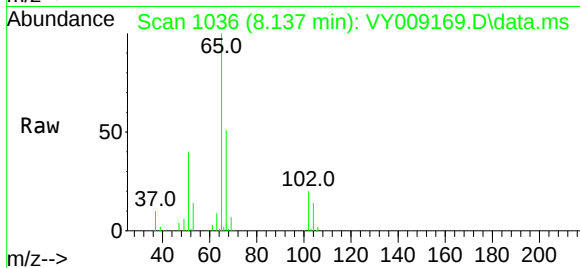
TP-3

Tgt Ion: 65 Resp: 60259

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009169.D

Acq: 07 Jun 2022 17:15

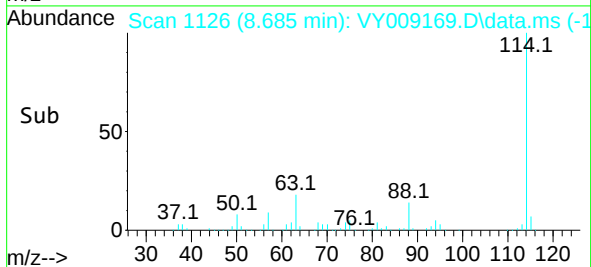
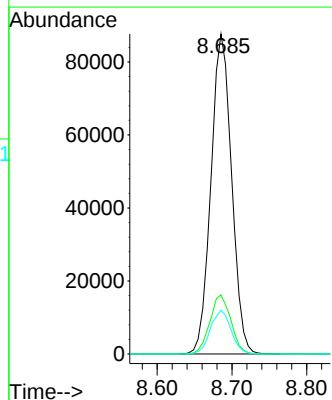
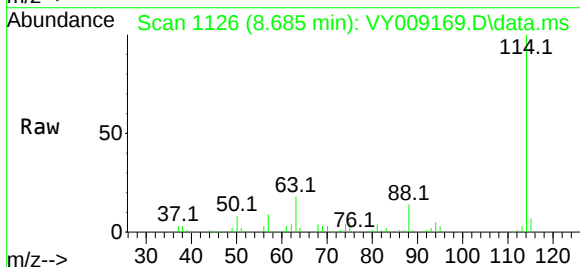
Tgt Ion: 114 Resp: 168498

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.7 0.0 31.8

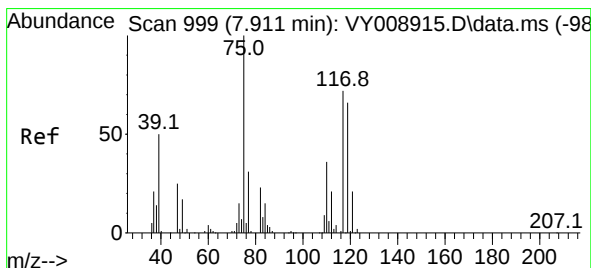
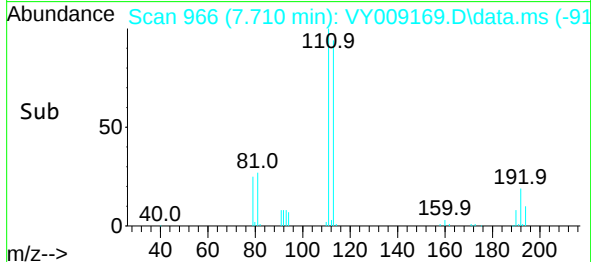
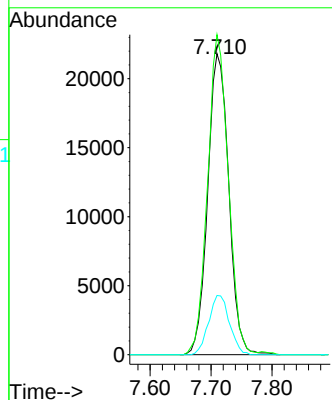
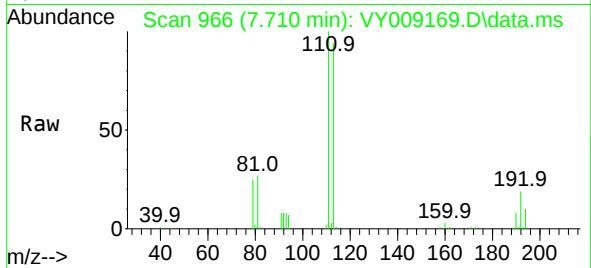




#35
Dibromofluoromethane
Concen: 50.016 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

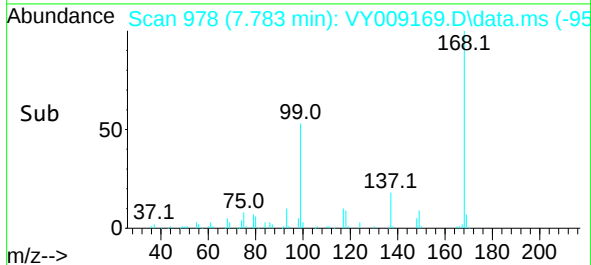
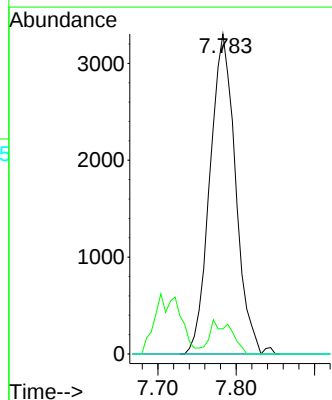
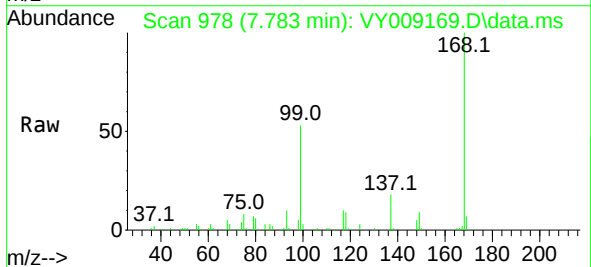
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

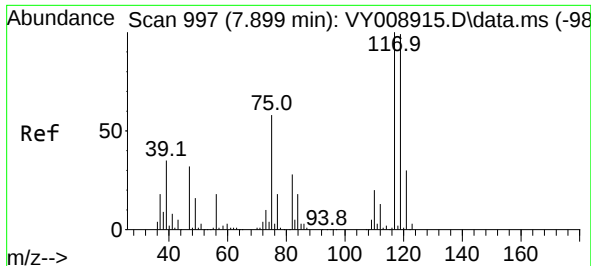
Tgt Ion:113 Resp: 52406
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.211 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

Tgt Ion: 75 Resp: 7509
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

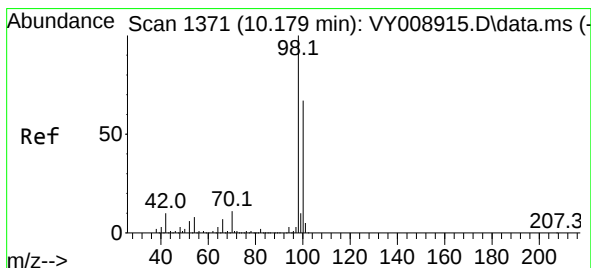
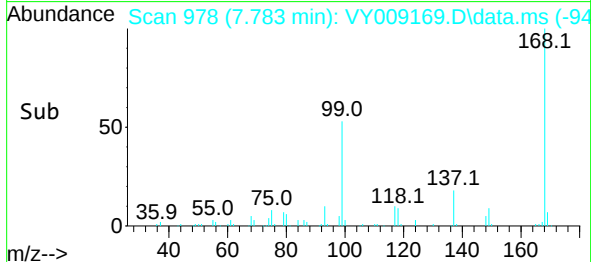
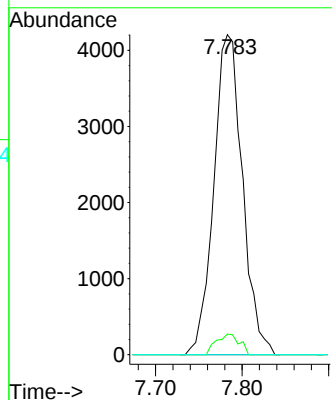
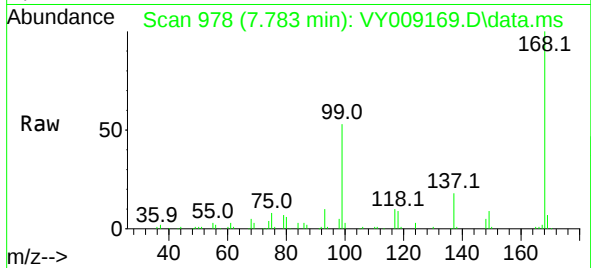




#38
Carbon Tetrachloride
Concen: 5.179 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

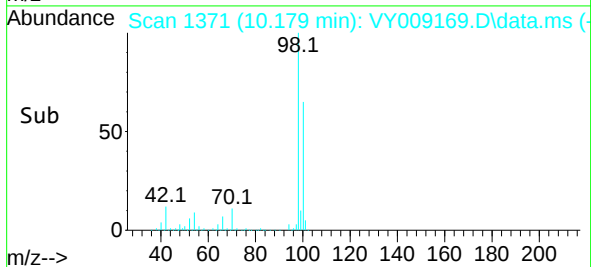
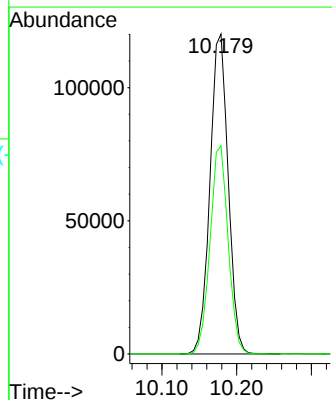
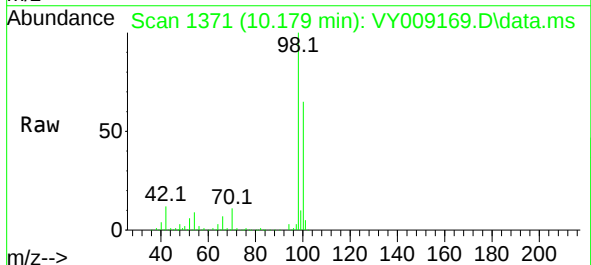
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

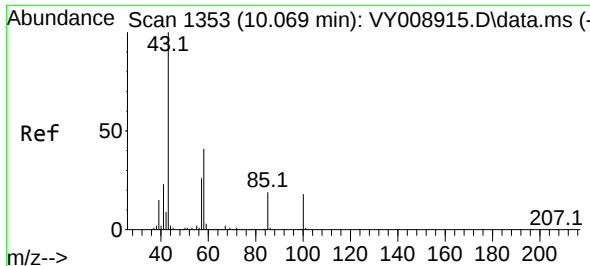
Tgt Ion:117 Resp: 9660
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.710 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

Tgt Ion: 98 Resp: 203749
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

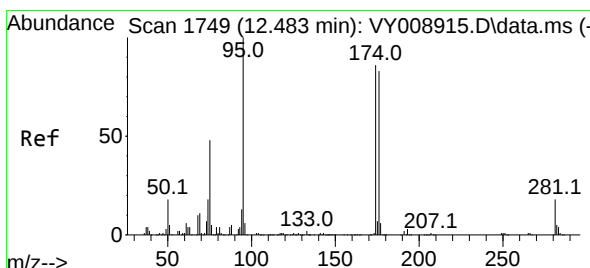
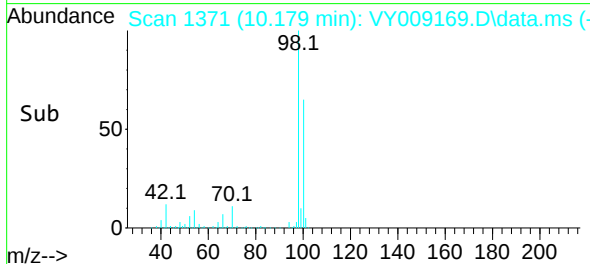
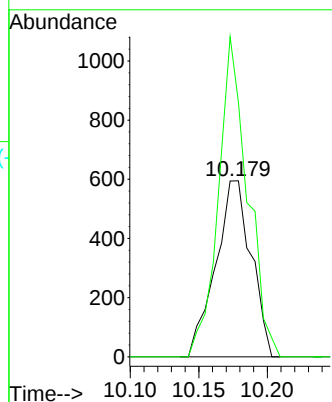
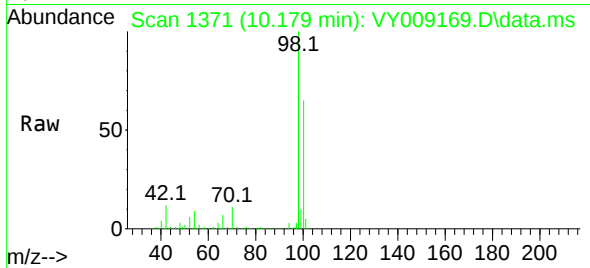




#51
4-Methyl-2-Pentanone
Concen: 1.126 ug/l
RT: 10.179 min Scan# 1353
Delta R.T. 0.110 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

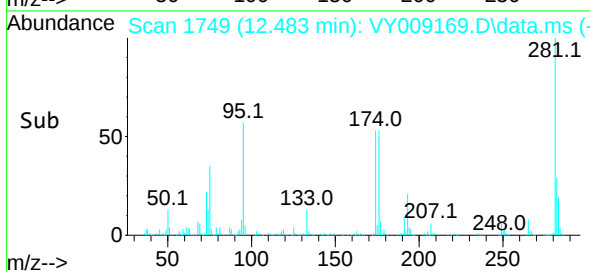
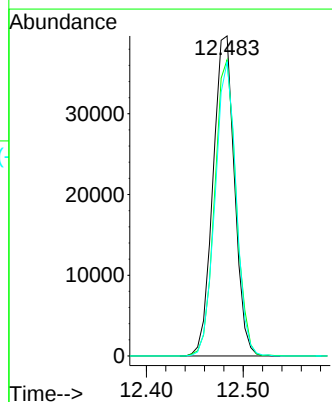
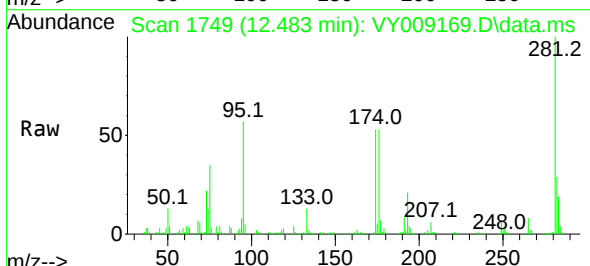
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

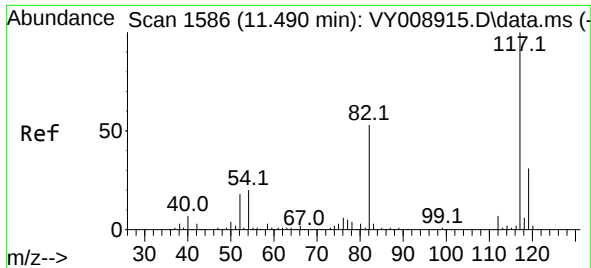
Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 149.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 39.277 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

Tgt Ion: 95 Resp: 61244
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 89.5 0.0 175.8

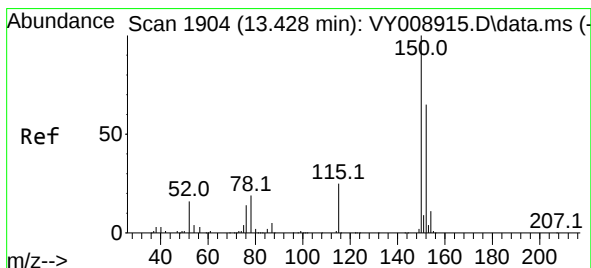
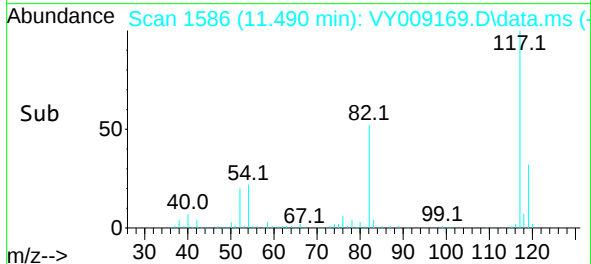
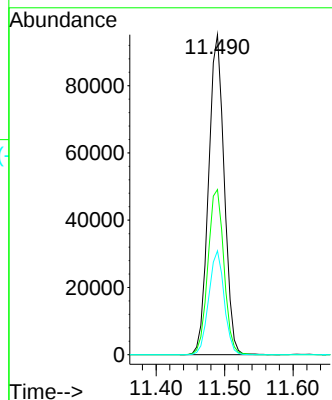
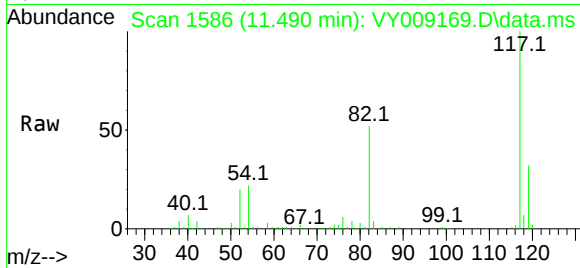




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

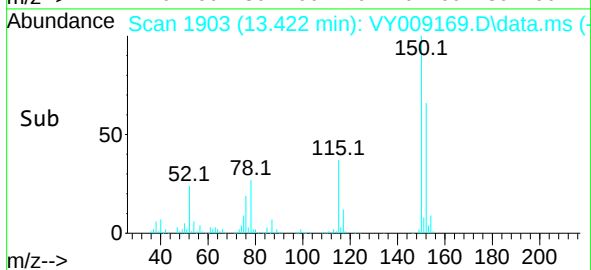
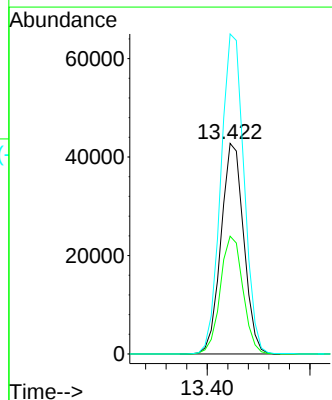
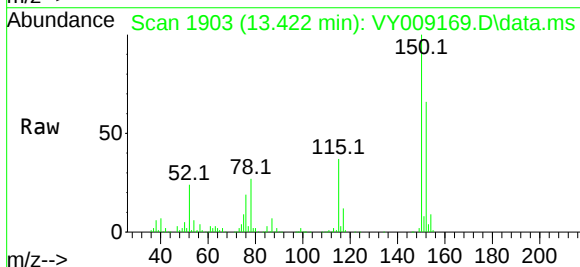
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

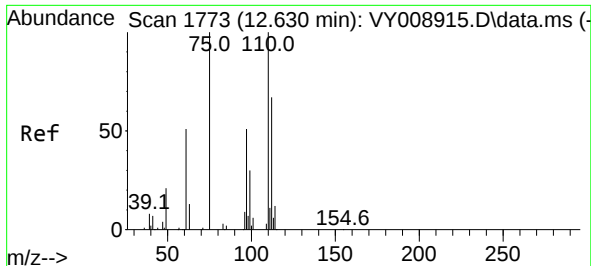
Tgt Ion:117 Resp: 151083
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

Tgt Ion:152 Resp: 65549
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 155.6 0.0 347.6

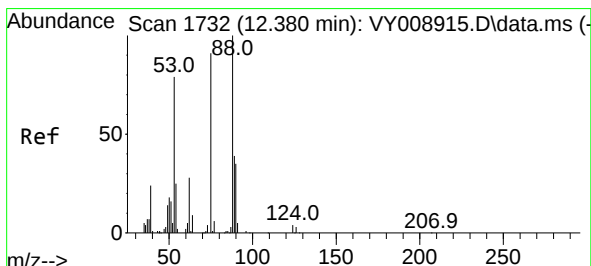
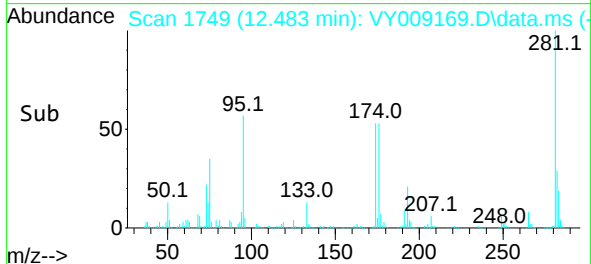
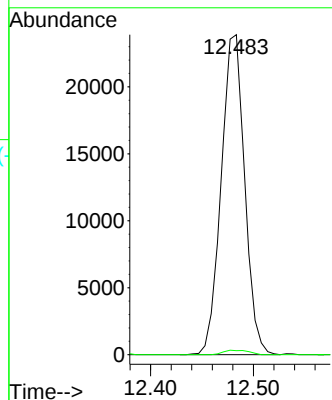
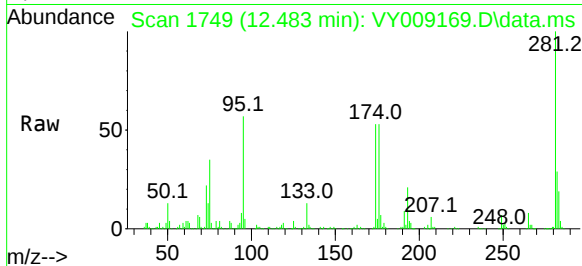




#76
1,2,3-Trichloropropane
Concen: 53.773 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion: 75 Resp: 37852
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

Tgt Ion: 75 Resp: 37852
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.8 37.0 55.4#

