

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
 Data File : VY006417.D
 Acq On : 19 Oct 2021 10:37
 Operator : SY/MD
 Sample : VY1019SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1019SBL01

Quant Time: Oct 20 03:14:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

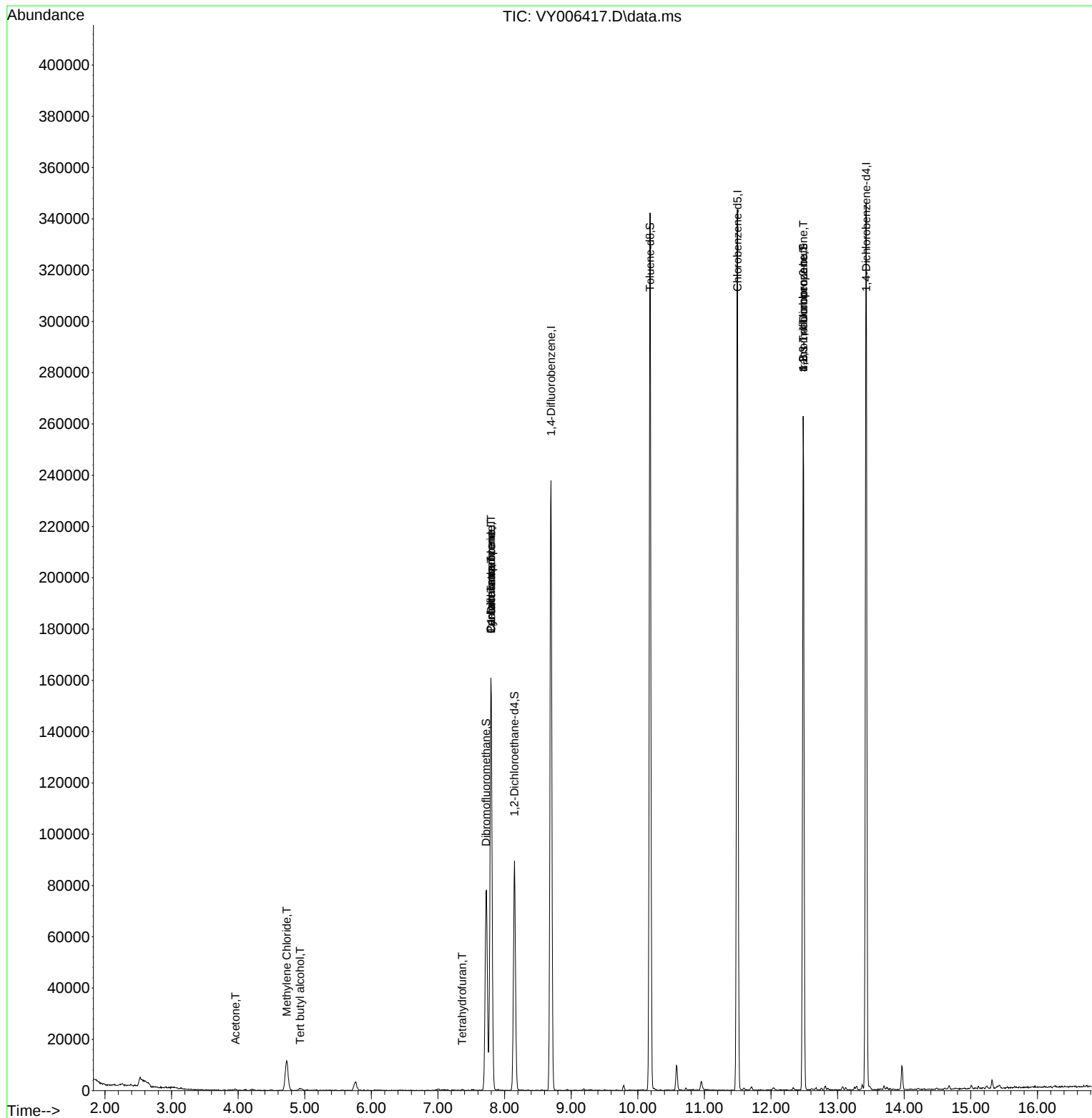
Internal Standards						
1) Pentafluorobenzene	7.795	168	124057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	193069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	176740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	70642	53.203	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 106.400%	
35) Dibromofluoromethane	7.722	113	52349	50.751	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 101.500%	
50) Toluene-d8	10.185	98	208857	48.380	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 96.760%	
62) 4-Bromofluorobenzene	12.483	95	68521	46.723	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 93.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	939	8.085	ug/l #	77
16) Acetone	3.960	43	715	1.928	ug/l	100
20) Methylene Chloride	4.728	84	8490	3.132	ug/l #	84
29) Tetrahydrofuran	7.362	42	337	1.033	ug/l #	54
31) Cyclohexane	7.795	56	2922	1.162	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	9391	4.889	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11772	5.804	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	39813	46.995	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39813	92.352	ug/l #	7

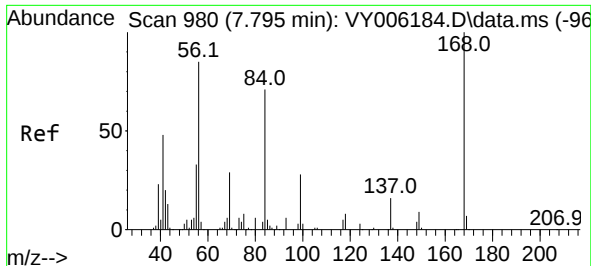
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
Data File : VY006417.D
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ClientSampleId :
VY1019SBL01

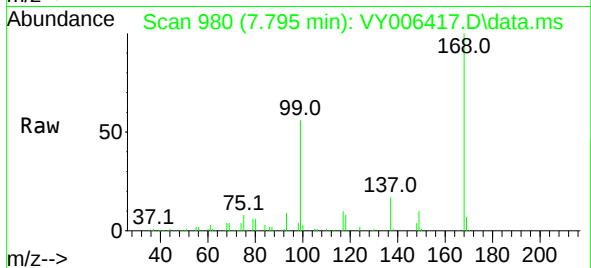
Quant Time: Oct 20 03:14:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
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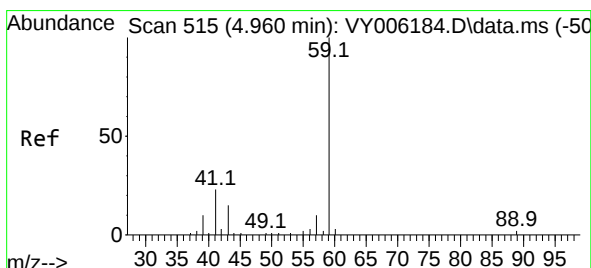
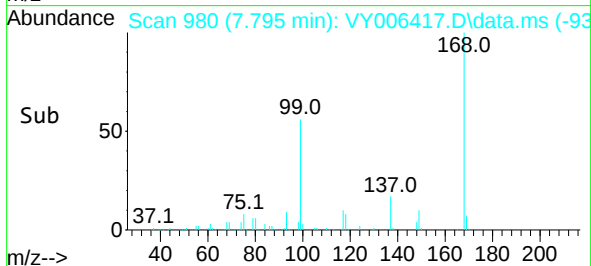
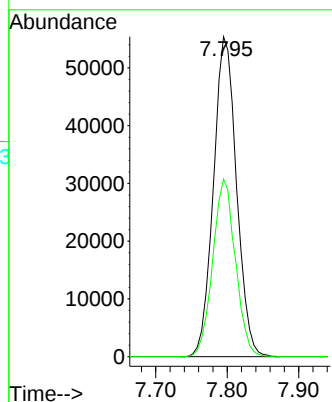


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01

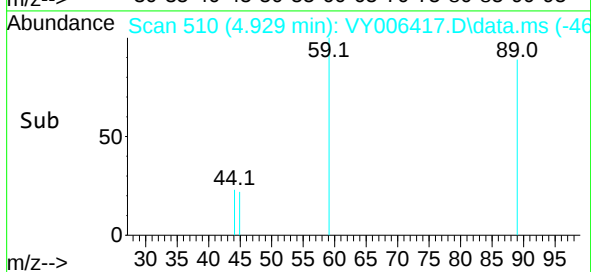
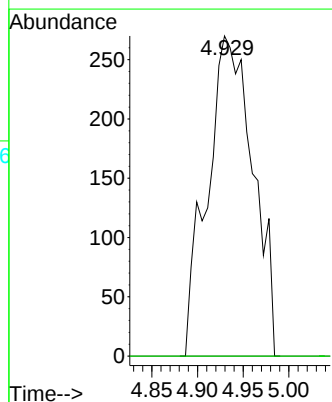
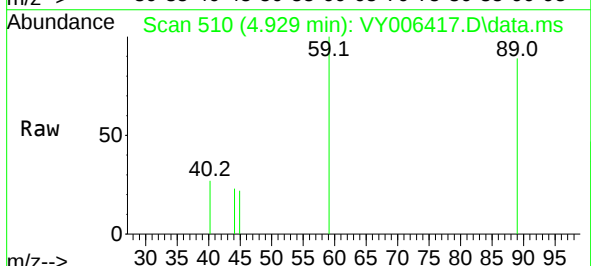


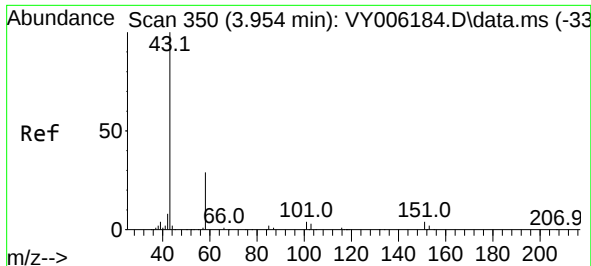
Tgt Ion:168 Resp: 124057
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 8.085 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.031 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37

Tgt Ion: 59 Resp: 939
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

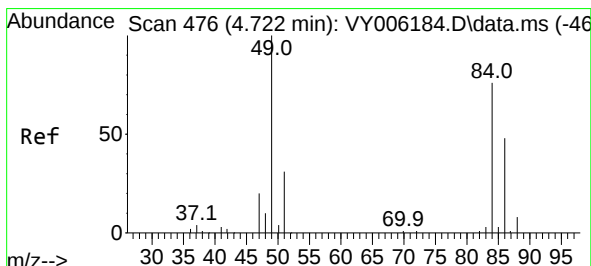
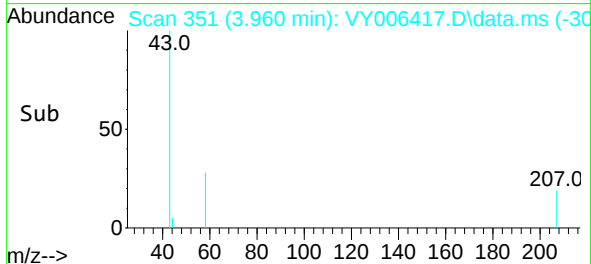
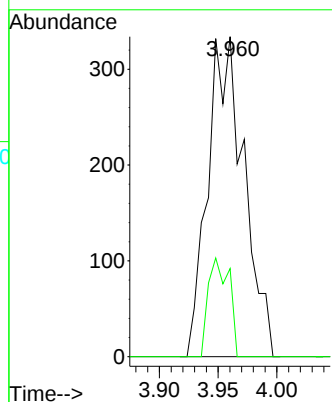
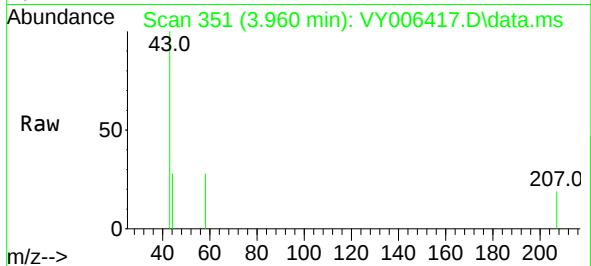




#16
Acetone
Concen: 1.928 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37

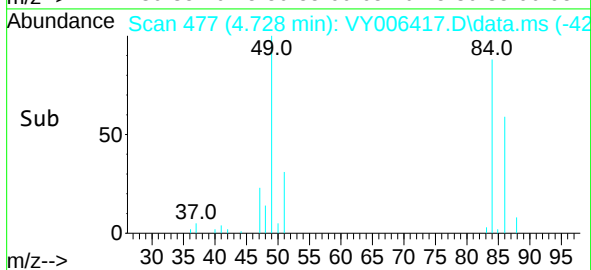
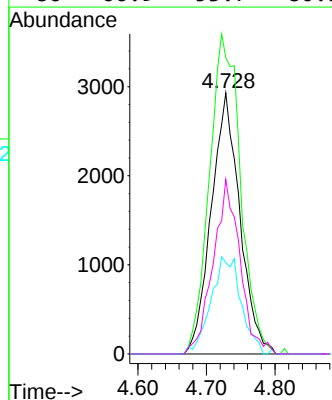
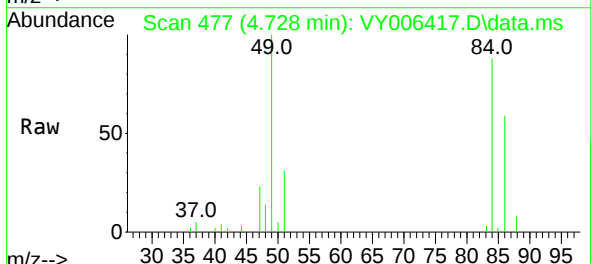
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01

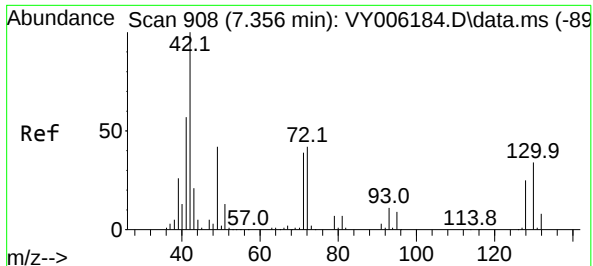
Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 27.5 22.0 33.0



#20
Methylene Chloride
Concen: 3.132 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37

Tgt Ion: 84 Resp: 8490
Ion Ratio Lower Upper
84 100
49 113.5 114.4 171.6#
51 35.0 35.3 52.9#
86 66.9 53.7 80.5





#29

Tetrahydrofuran

Concen: 1.033 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY006417.D

Acq: 19 Oct 2021 10:37

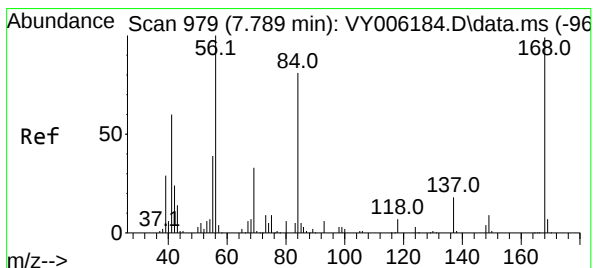
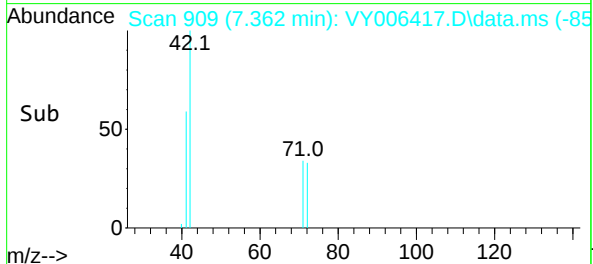
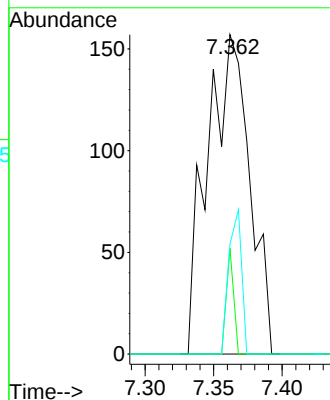
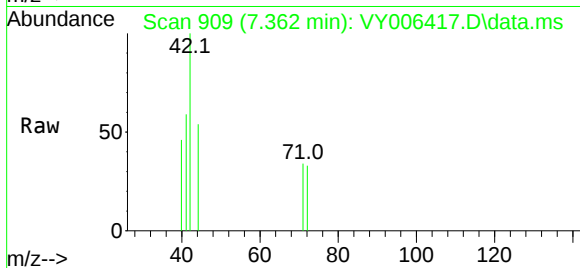
Tgt Ion: 42 Resp: 337

Ion Ratio Lower Upper

42 100

72 5.6 30.3 45.5#

71 13.6 29.0 43.4#



#31

Cyclohexane

Concen: 1.162 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006417.D

Acq: 19 Oct 2021 10:37

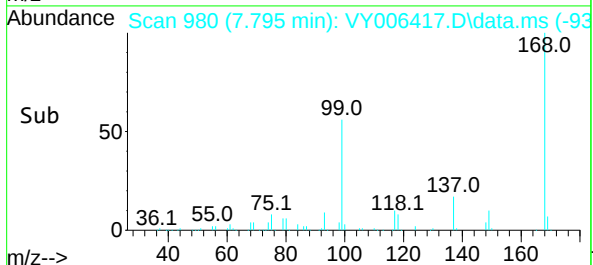
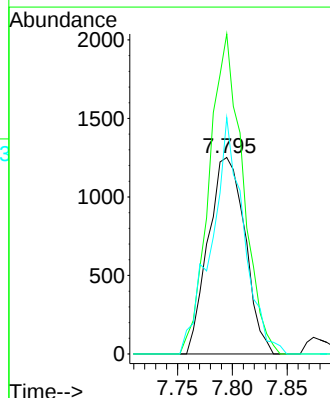
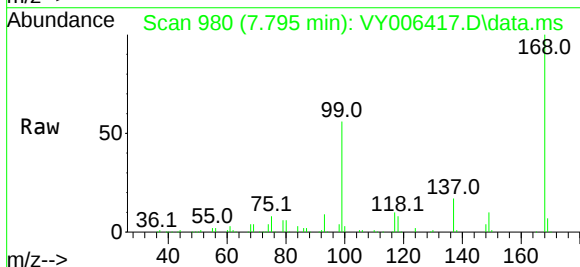
Tgt Ion: 56 Resp: 2922

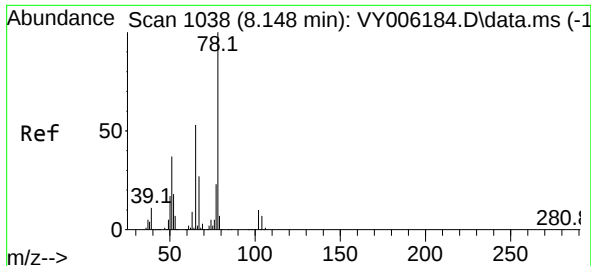
Ion Ratio Lower Upper

56 100

69 162.9 26.7 40.1#

84 120.3 67.2 100.8#

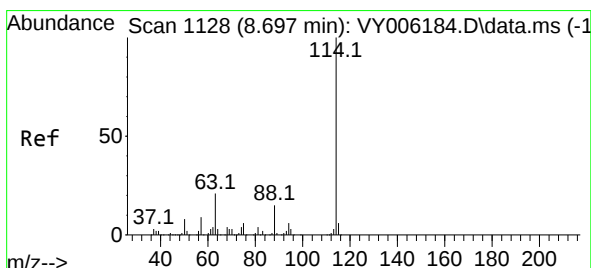
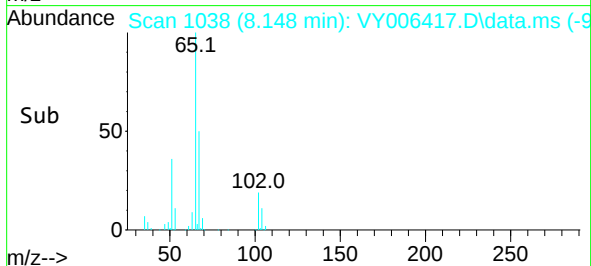
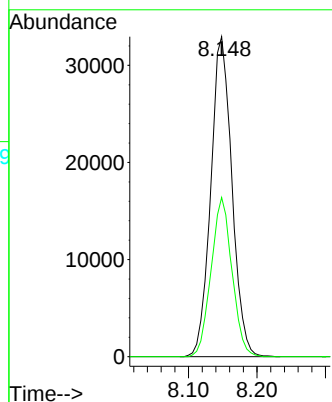
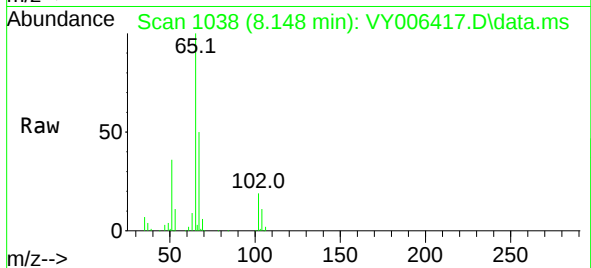




#33
1,2-Dichloroethane-d4
Concen: 53.203 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37

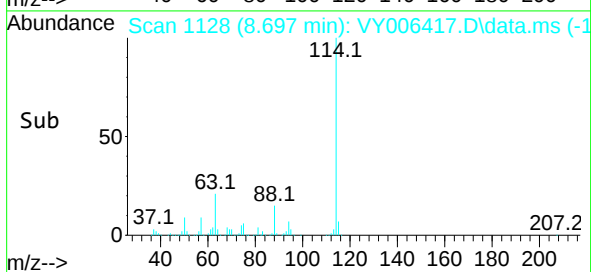
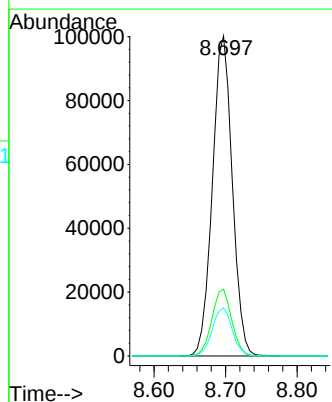
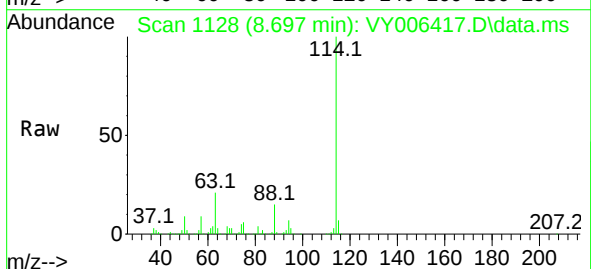
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01

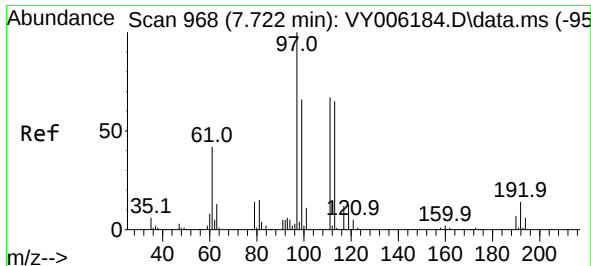
Tgt Ion: 65 Resp: 70642
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37

Tgt Ion:114 Resp: 193069
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.751 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006417.D

Acq: 19 Oct 2021 10:37

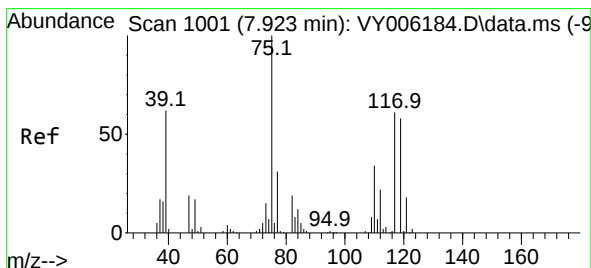
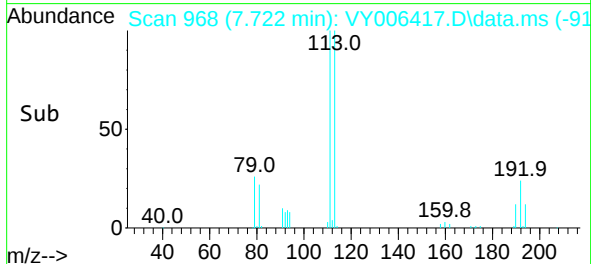
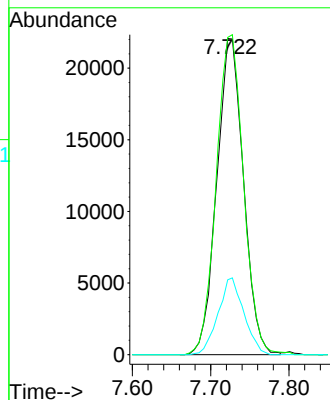
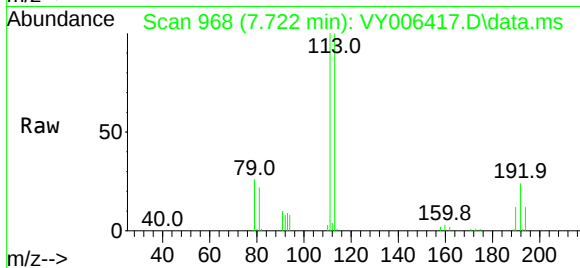
Tgt Ion:113 Resp: 52349

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 23.4 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006417.D

Acq: 19 Oct 2021 10:37

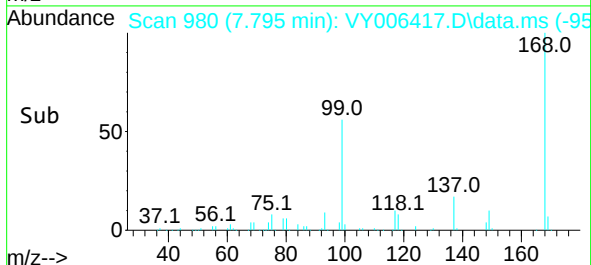
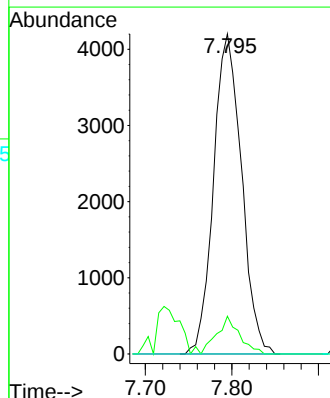
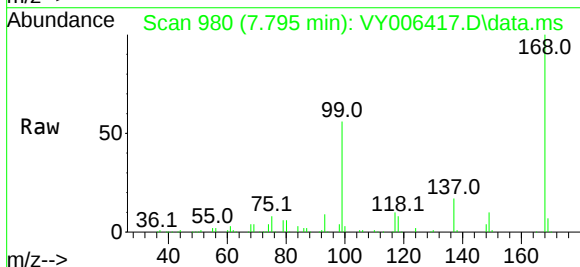
Tgt Ion: 75 Resp: 9391

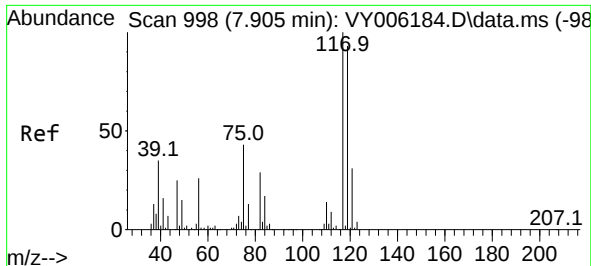
Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

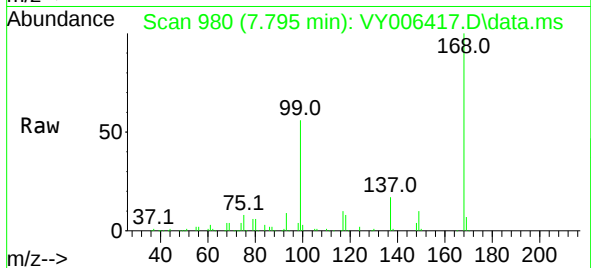
77 0.0 24.4 36.6#



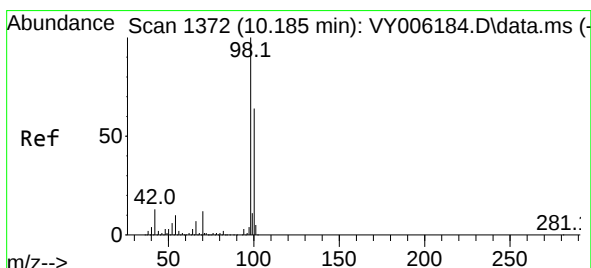
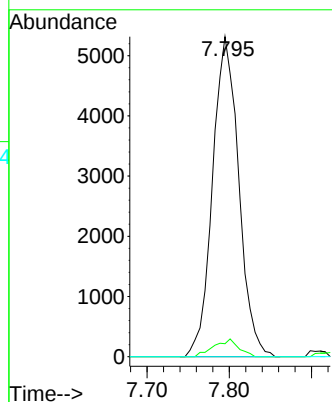
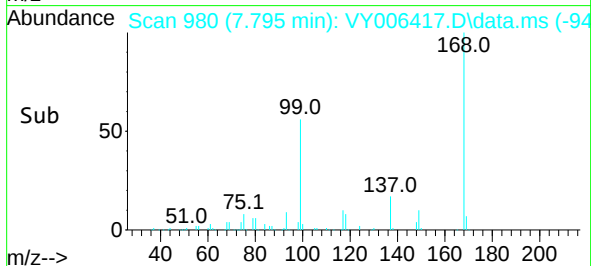


#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37

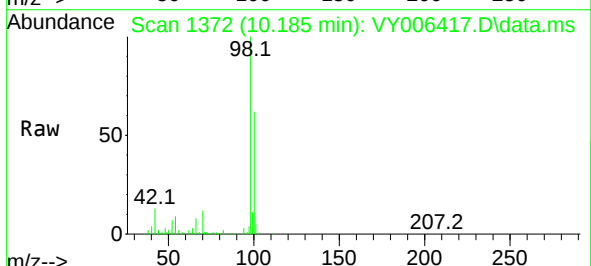
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01



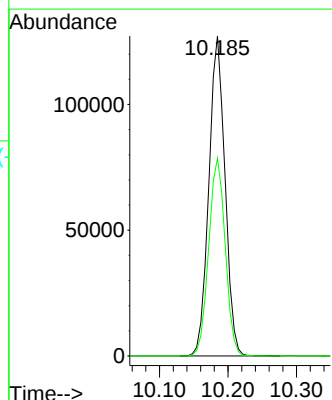
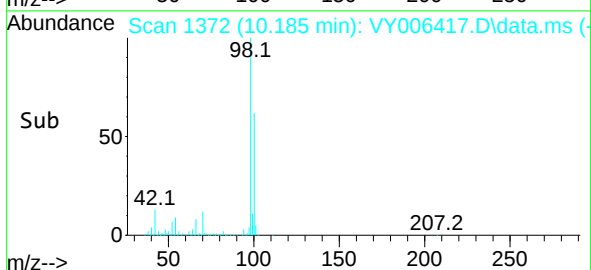
Tgt Ion: 117 Resp: 11772
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#

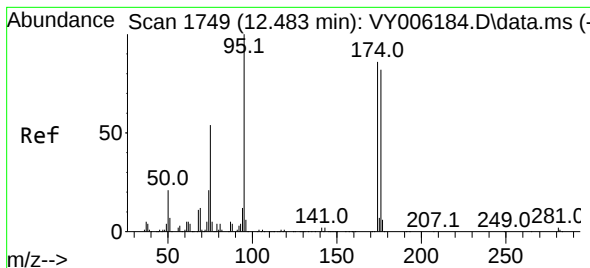


#50
Toluene-d8
Concen: 48.380 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37



Tgt Ion: 98 Resp: 208857
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

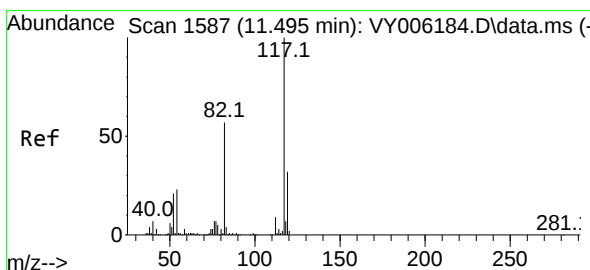
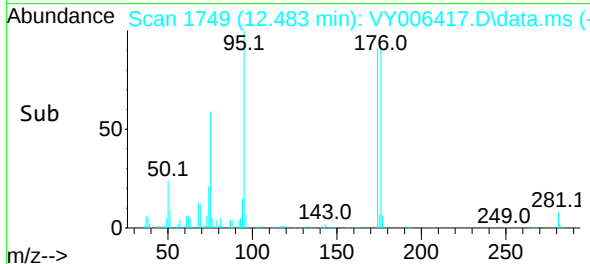
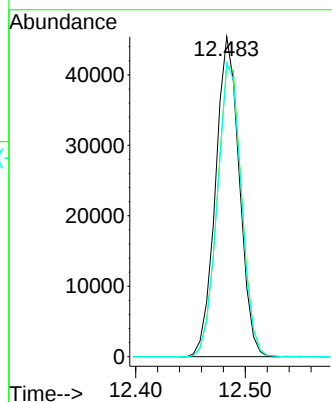
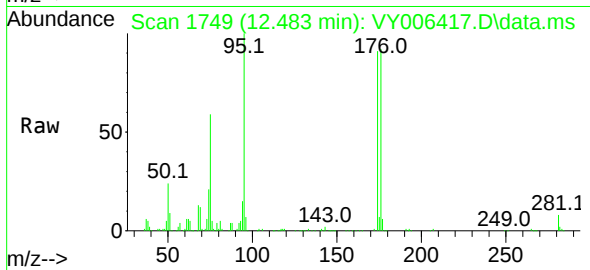




#62
4-Bromofluorobenzene
Concen: 46.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37

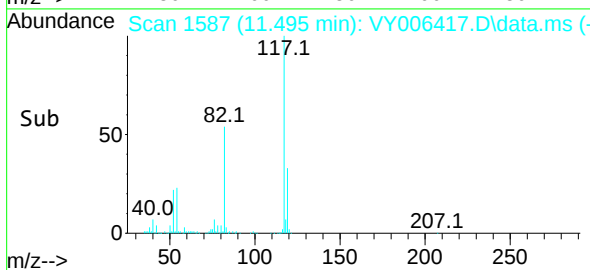
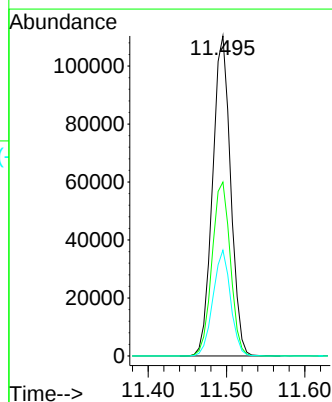
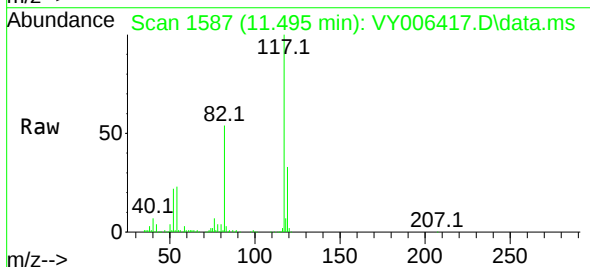
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01

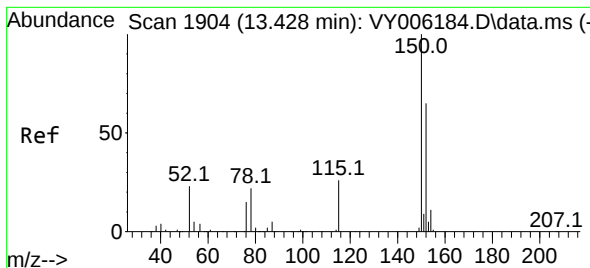
Tgt Ion: 95 Resp: 68521
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 92.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006417.D
Acq: 19 Oct 2021 10:37

Tgt Ion: 117 Resp: 176740
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 33.1 25.4 38.0

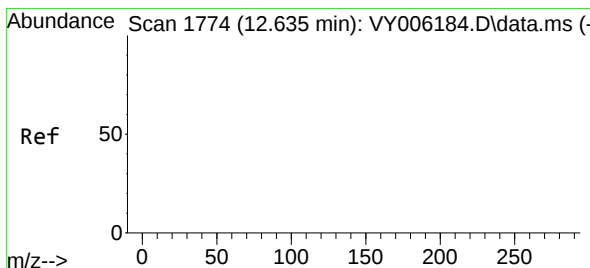
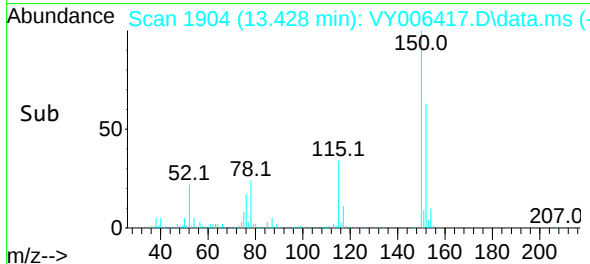
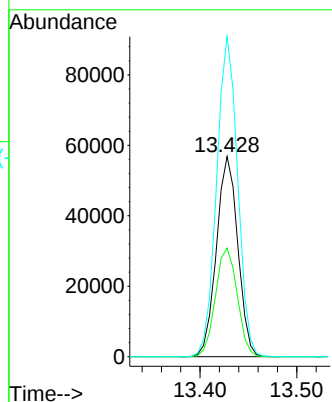
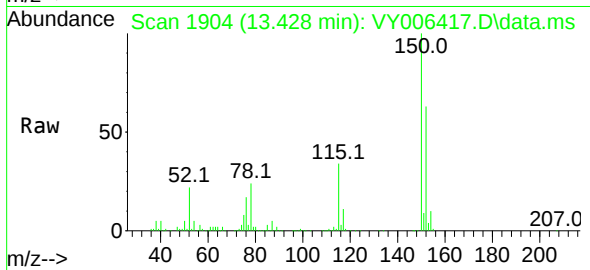




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006417.D
 Acq: 19 Oct 2021 10:37

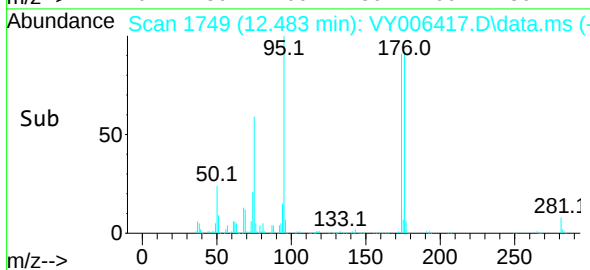
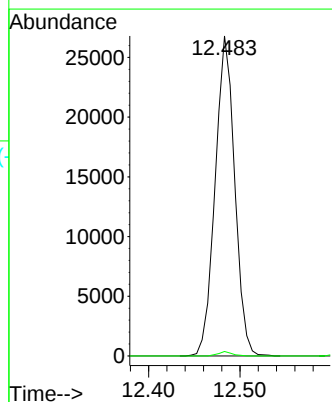
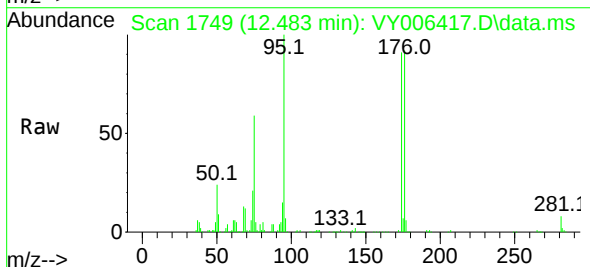
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1019SBL01

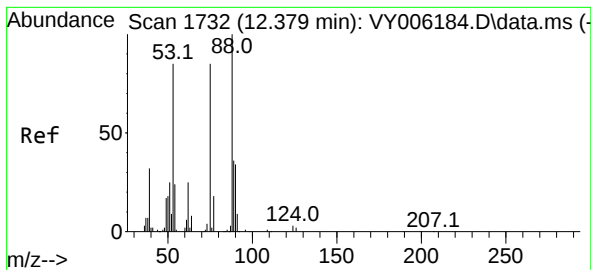
Tgt Ion:152 Resp: 87162
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.995 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006417.D
 Acq: 19 Oct 2021 10:37

Tgt Ion: 75 Resp: 39813
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 92.352 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY006417.D

Acq: 19 Oct 2021 10:37

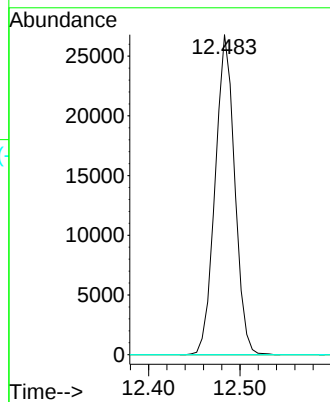
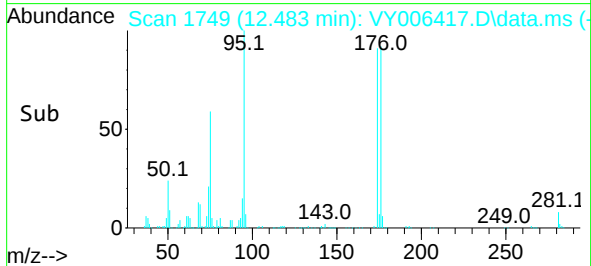
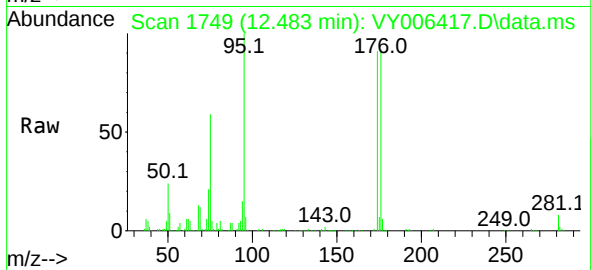
Tgt Ion: 75 Resp: 39813

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.0 37.0 55.4#



Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01