

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004515.D
 Acq On : 20 Apr 2021 09:39
 Operator : SY/MD
 Sample : VY0420SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:47:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

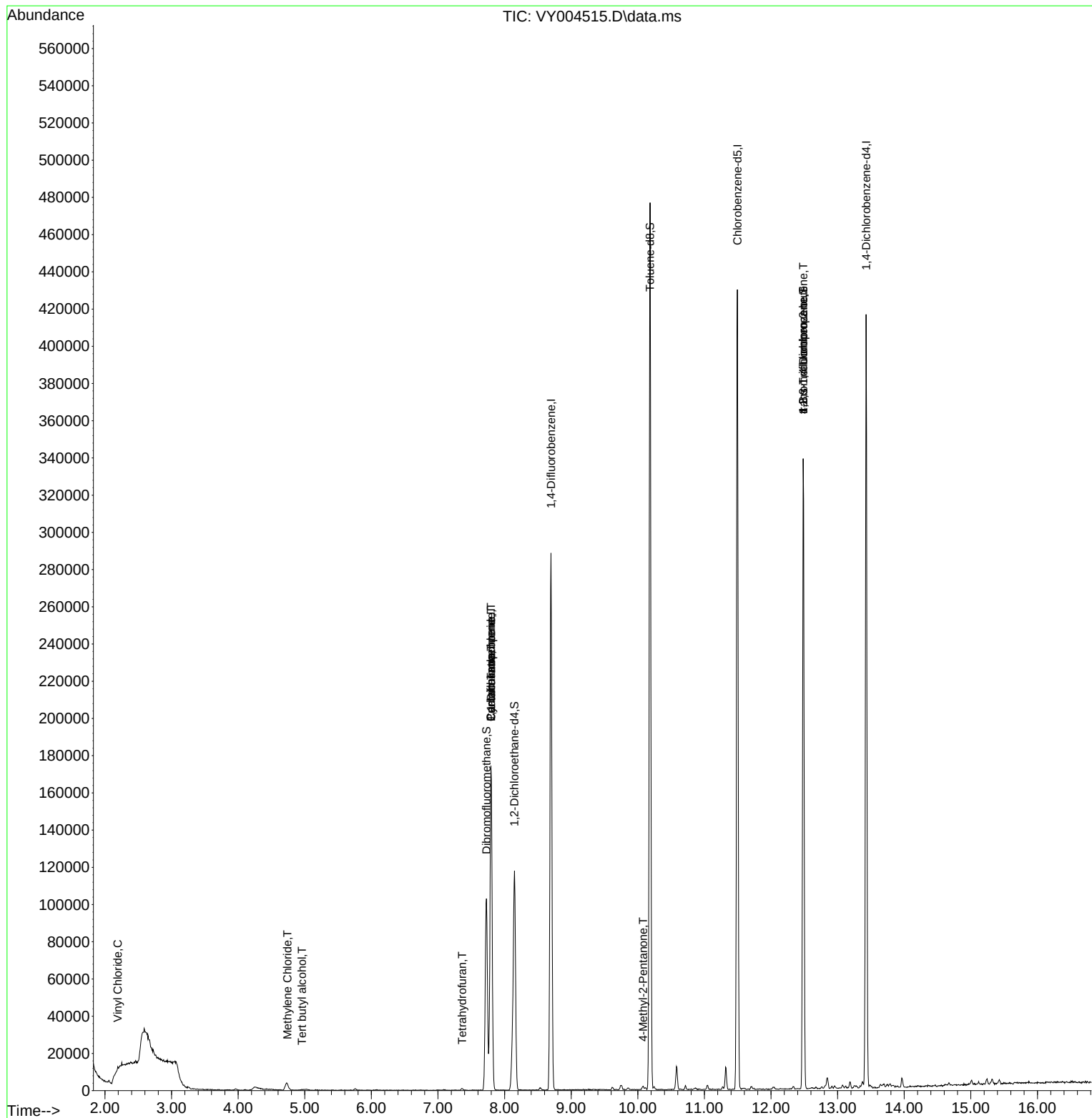
Internal Standards						
1) Pentafluorobenzene	7.795	168	132508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	231709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	218065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	82898	56.31	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 112.62%		
35) Dibromofluoromethane	7.728	113	70276	54.65	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 109.30%		
50) Toluene-d8	10.185	98	285742	52.24	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 104.48%		
62) 4-Bromofluorobenzene	12.483	95	95431	51.42	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 102.84%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.192	62	4758	2.54	ug/l #	43
11) Tert butyl alcohol	4.960	59	817	5.63	ug/l #	73
16) Acetone	3.978	43	857	Below Cal	#	85
20) Methylene Chloride	4.741	84	2800	1.97	ug/l #	80
29) Tetrahydrofuran	7.362	42	702	1.75	ug/l #	82
31) Cyclohexane	7.795	56	3348	1.24	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	10580	4.60	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13139	6.60	ug/l #	16
51) 4-Methyl-2-Pentanone	10.081	43	1605	1.11	ug/l #	81
76) 1,2,3-Trichloropropane	12.483	75	52724	50.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52724	90.64	ug/l #	12

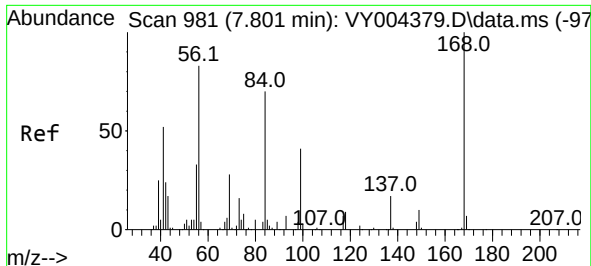
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

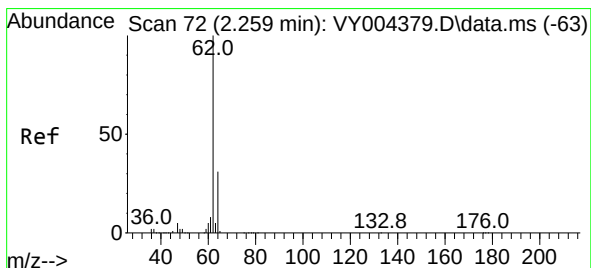
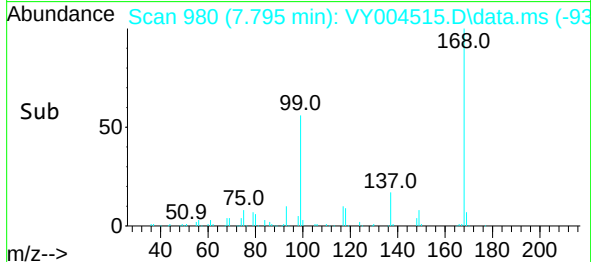
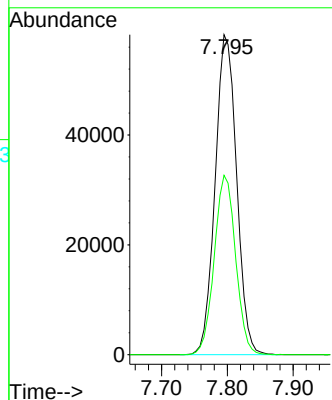
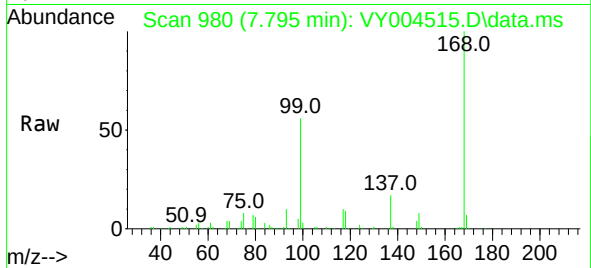




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

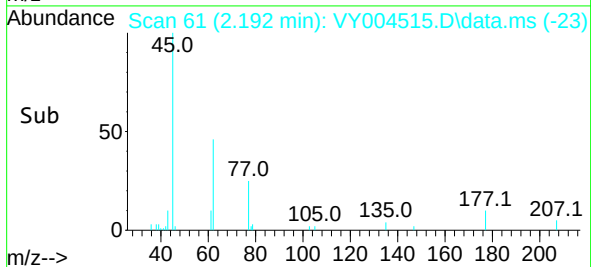
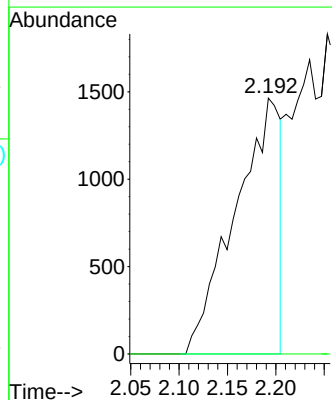
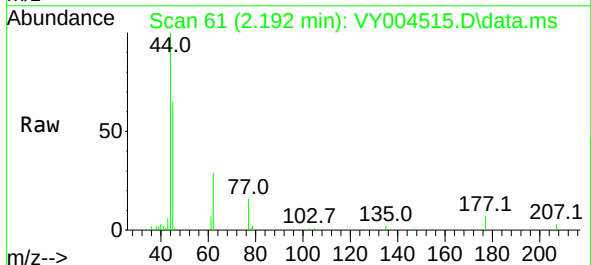
Instrument :
MSVOA_Y
ClientSampleId :

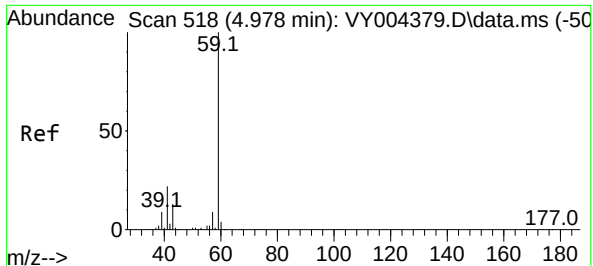
Tgt Ion:168 Resp: 132508
Ion Ratio Lower Upper
168 100
99 56.1 45.5 68.3



#4
Vinyl Chloride
Concen: 2.54 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.067 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

Tgt Ion: 62 Resp: 4758
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

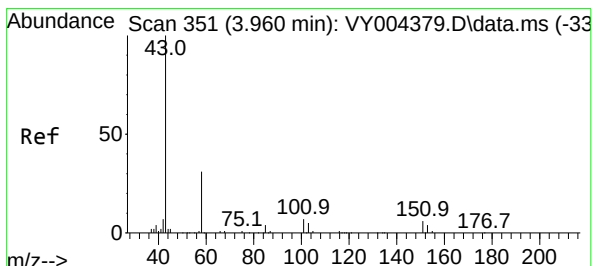
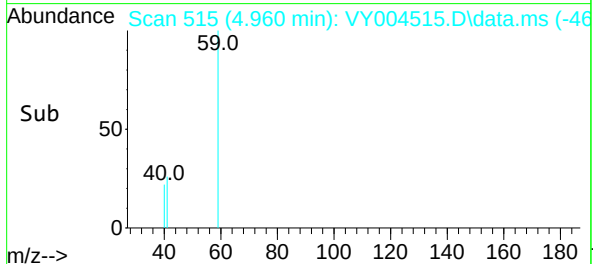
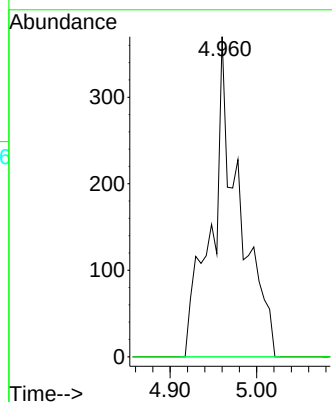
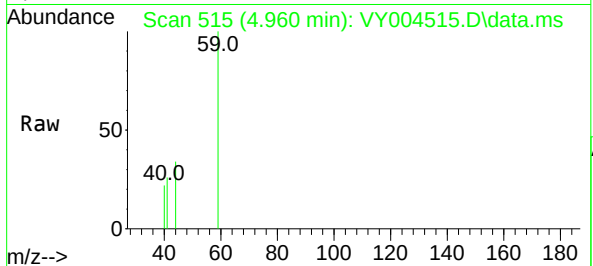




#11
Tert butyl alcohol
Concen: 5.63 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

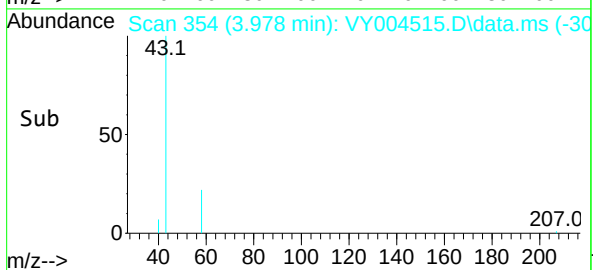
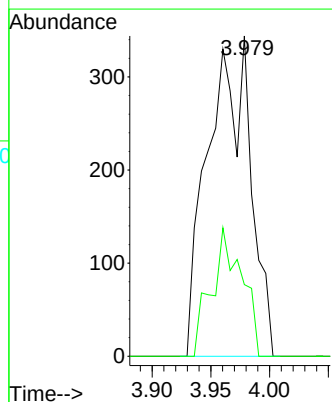
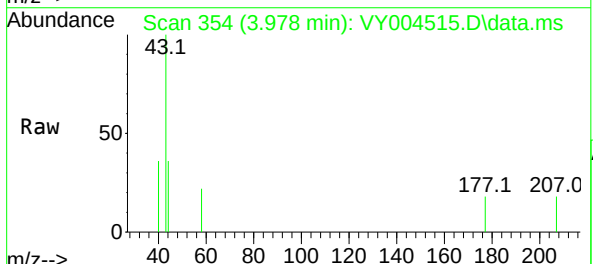
Instrument :
MSVOA_Y
ClientSampled :

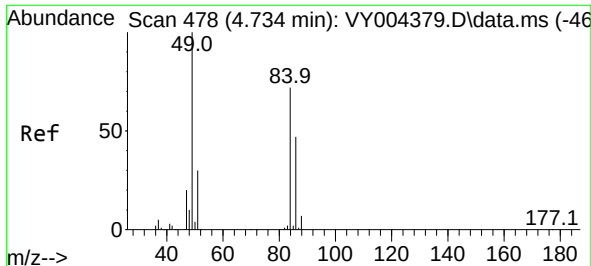
Tgt Ion: 59 Resp: 817
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: Below Cal
RT: 3.978 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 22.4 24.6 37.0#





#20

Methylene Chloride

Concen: 1.97 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY004515.D

Acq: 20 Apr 2021 09:39

Tgt Ion: 84 Resp: 2800

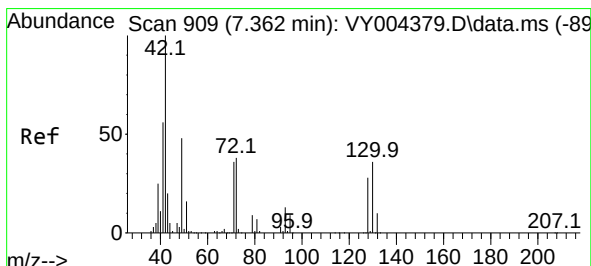
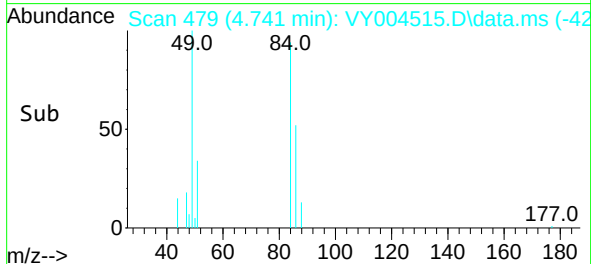
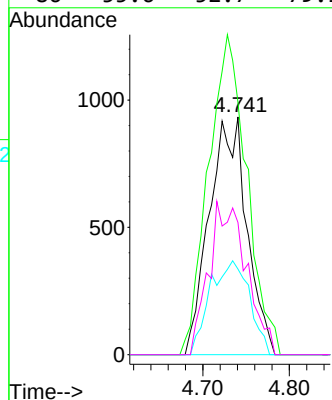
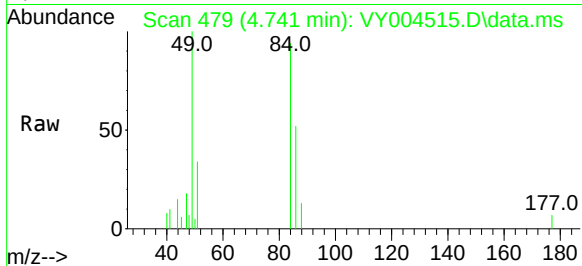
Ion Ratio Lower Upper

84 100

49 106.2 111.2 166.8#

51 36.0 33.4 50.2

86 55.6 52.7 79.1



#29

Tetrahydrofuran

Concen: 1.75 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY004515.D

Acq: 20 Apr 2021 09:39

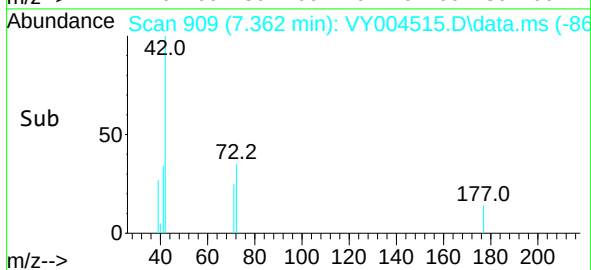
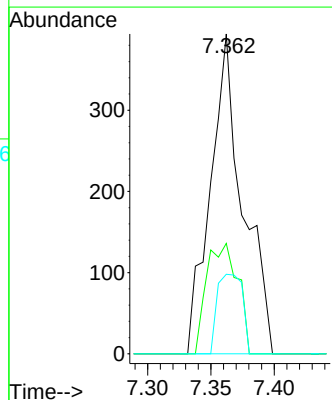
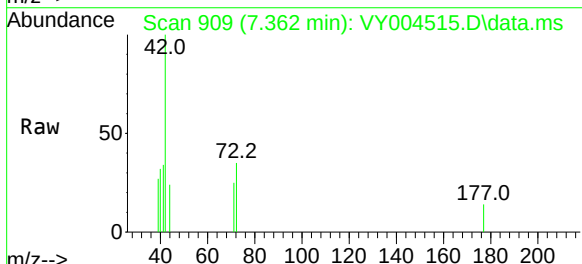
Tgt Ion: 42 Resp: 702

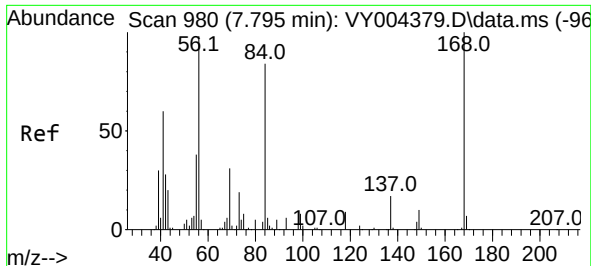
Ion Ratio Lower Upper

42 100

72 33.2 31.0 46.4

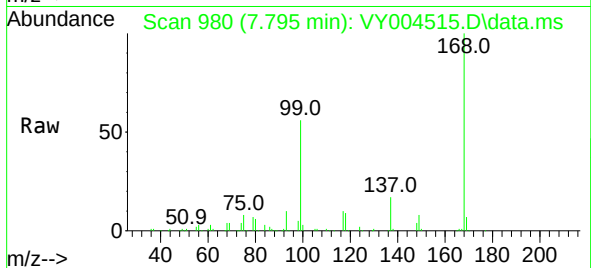
71 19.2 28.8 43.2#



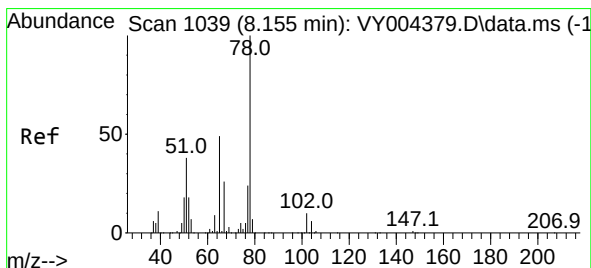
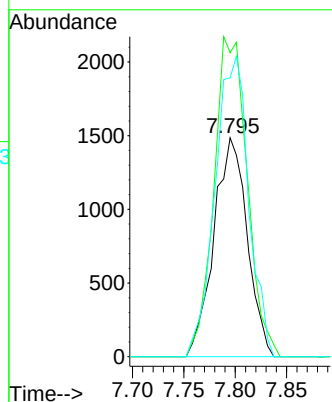
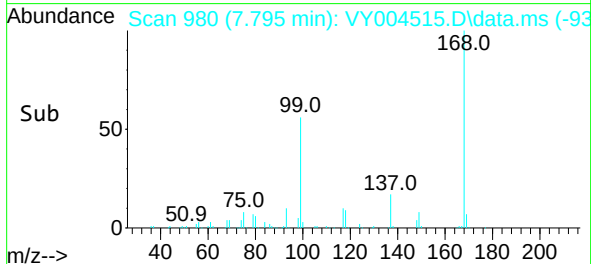


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

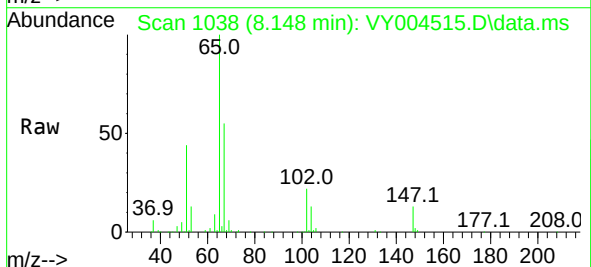
Instrument :
MSVOA_Y
ClientSampleId :



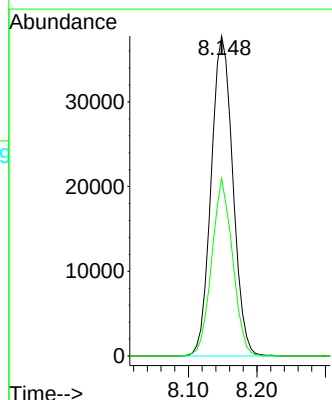
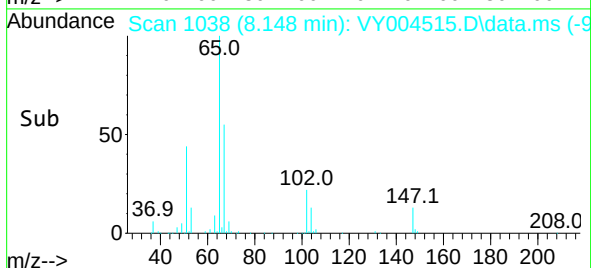
Tgt Ion: 56 Resp: 3348
Ion Ratio Lower Upper
56 100
69 138.8 25.8 38.6#
84 127.4 68.2 102.4#

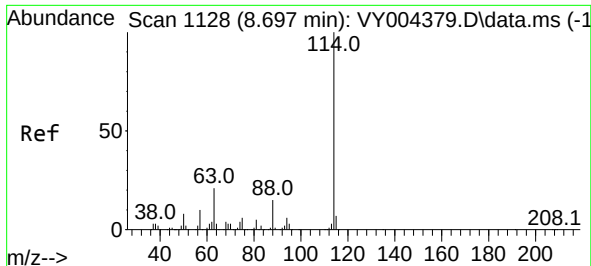


#33
1,2-Dichloroethane-d4
Concen: 56.31 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39



Tgt Ion: 65 Resp: 82898
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.4

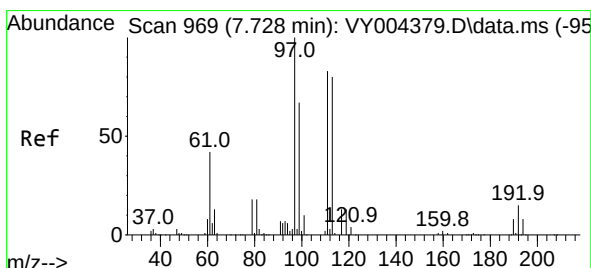
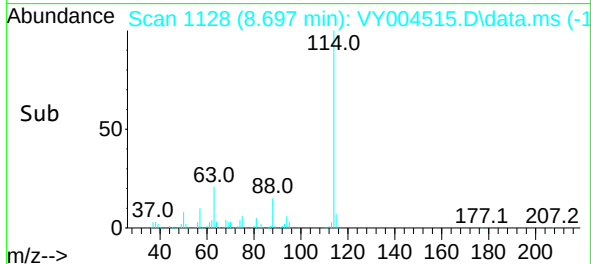
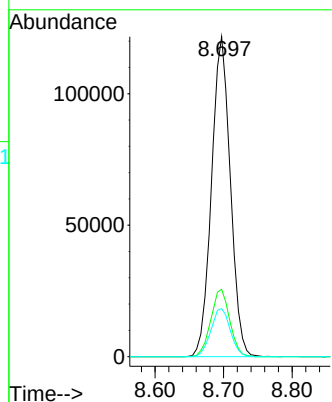
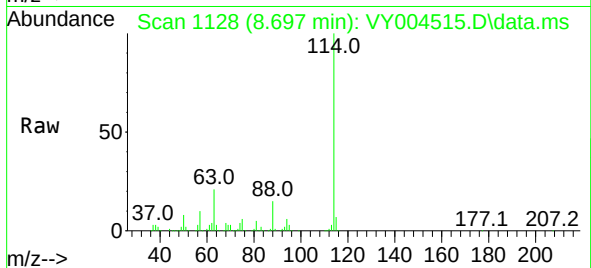




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

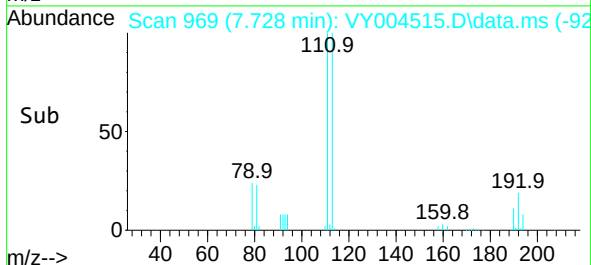
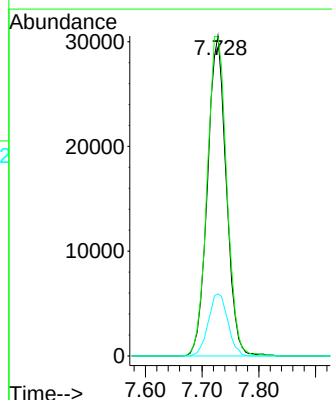
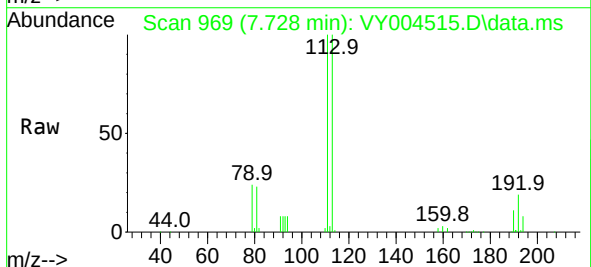
Instrument :
MSVOA_Y
ClientSampleId :

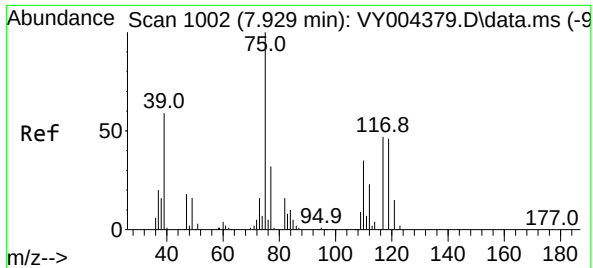
Tgt Ion:114 Resp: 231709
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.65 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

Tgt Ion:113 Resp: 70276
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 20.1 16.1 24.1

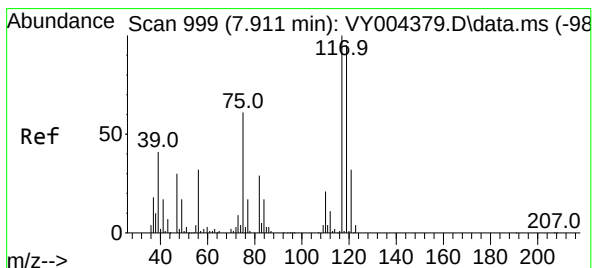
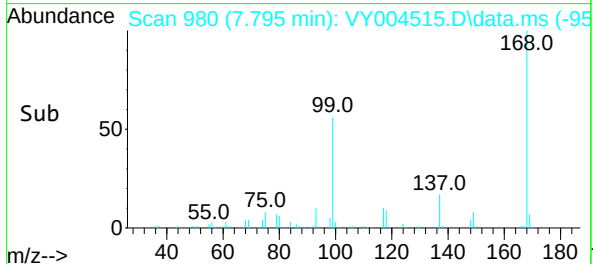
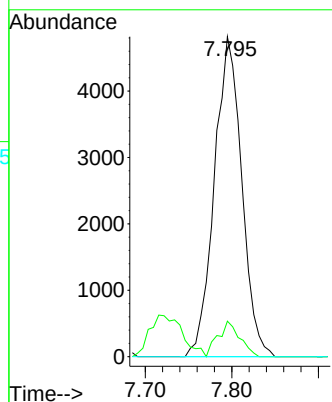
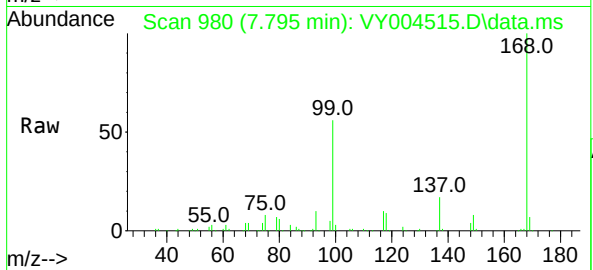




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

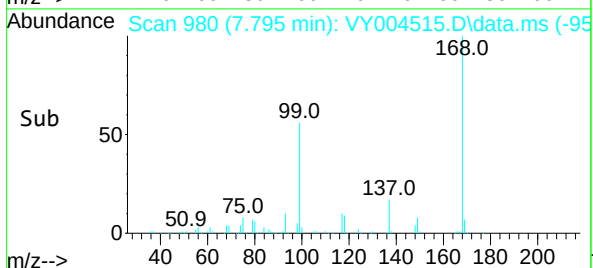
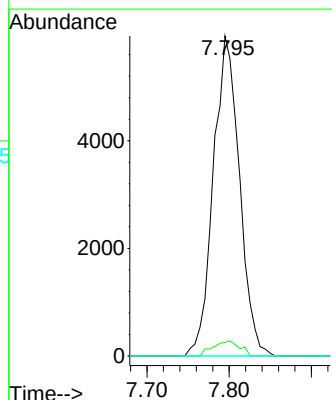
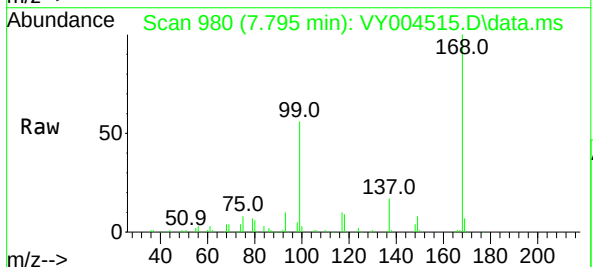
Instrument :
MSVOA_Y
ClientSampleId :

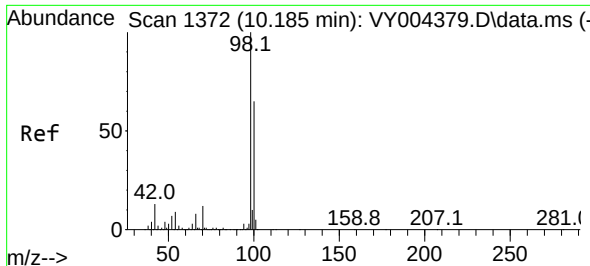
Tgt Ion: 75 Resp: 10580
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

Tgt Ion: 117 Resp: 13139
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 25.3 37.9#

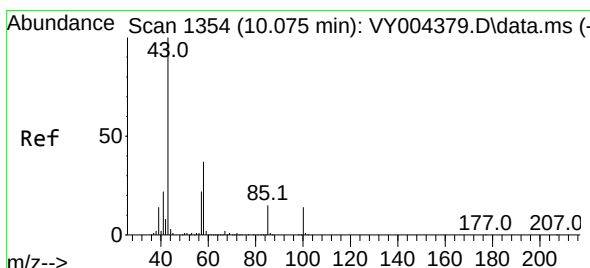
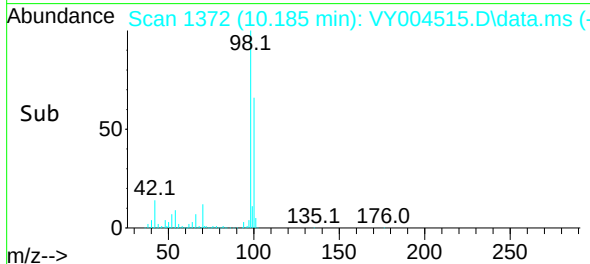
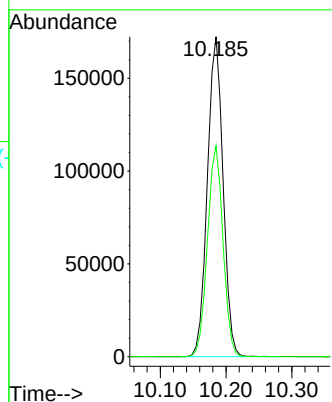
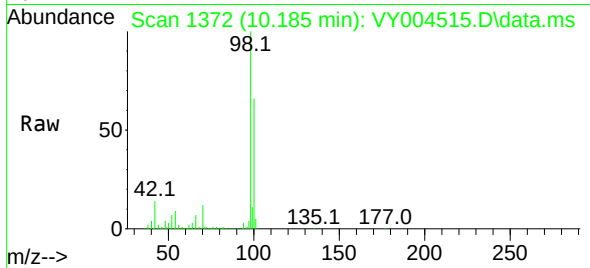




#50
Toluene-d8
Concen: 52.24 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

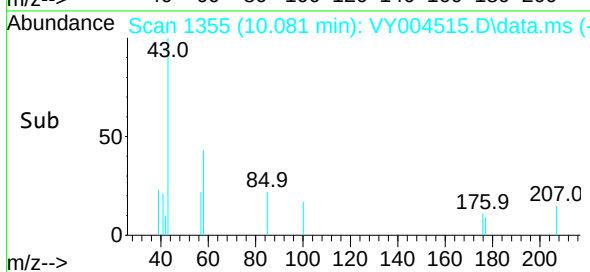
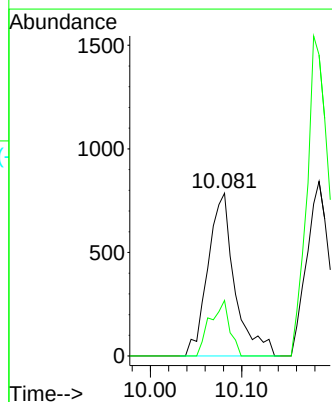
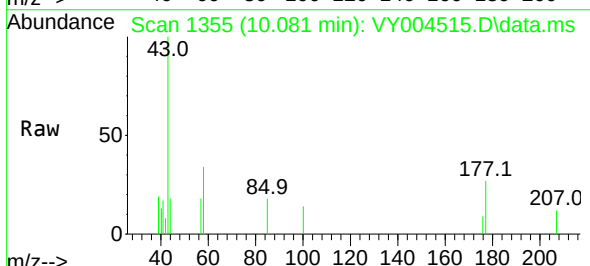
Instrument :
MSVOA_Y
ClientSampled :

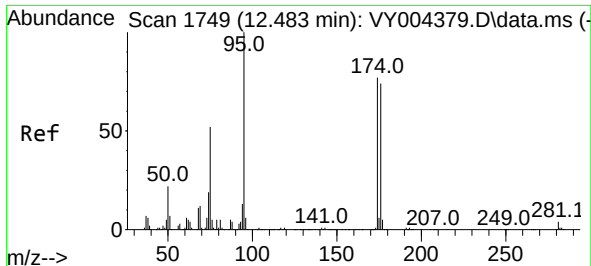
Tgt Ion: 98 Resp: 285742
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.11 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
58 25.0 29.2 43.8#

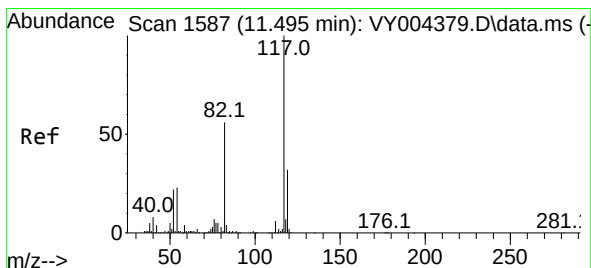
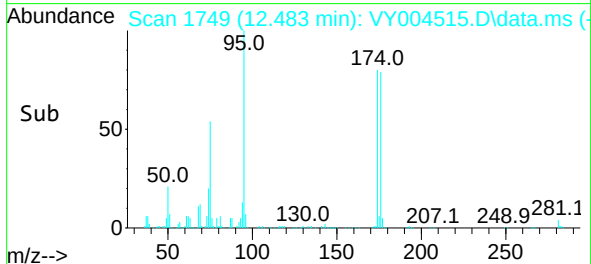
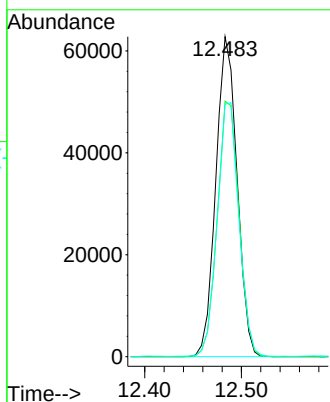
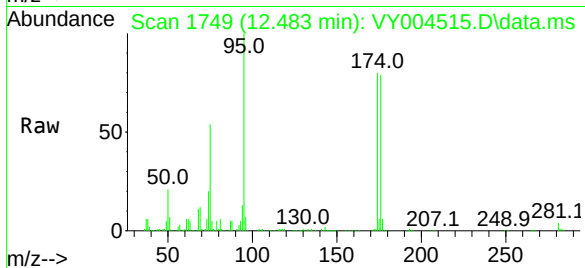




#62
4-Bromofluorobenzene
Concen: 51.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

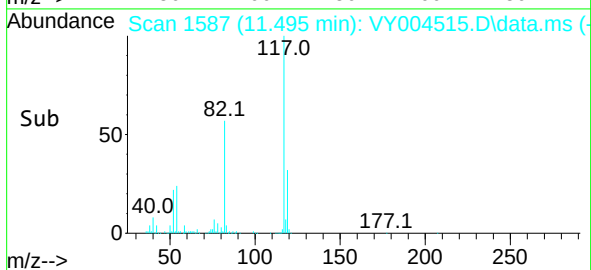
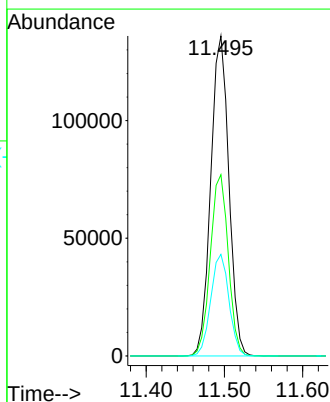
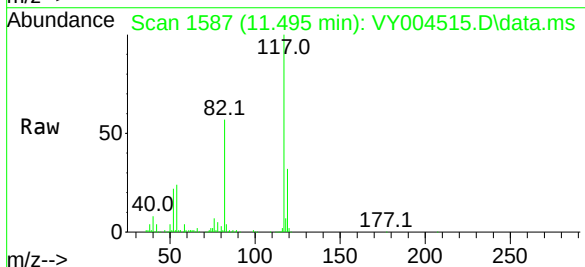
Instrument :
MSVOA_Y
ClientSampleId :

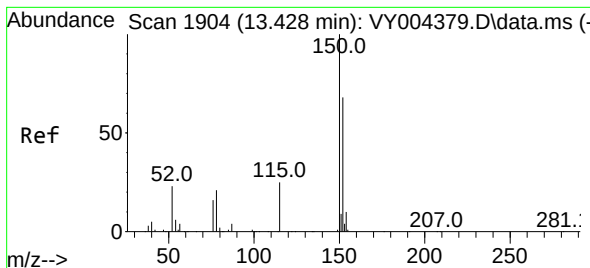
Tgt Ion: 95 Resp: 95431
Ion Ratio Lower Upper
95 100
174 81.9 0.0 162.4
176 80.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004515.D
Acq: 20 Apr 2021 09:39

Tgt Ion: 117 Resp: 218065
Ion Ratio Lower Upper
117 100
82 56.7 44.9 67.3
119 31.7 25.4 38.0

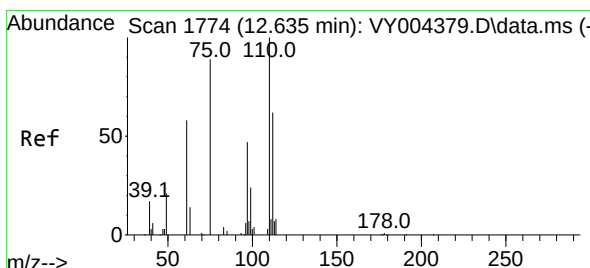
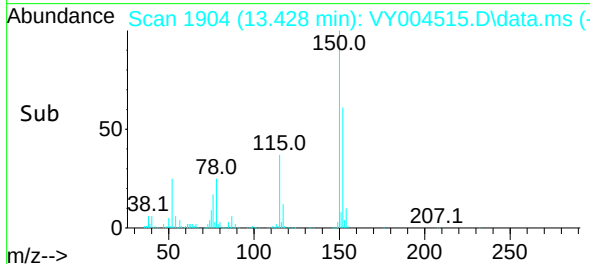
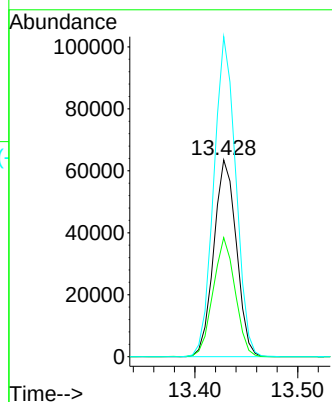
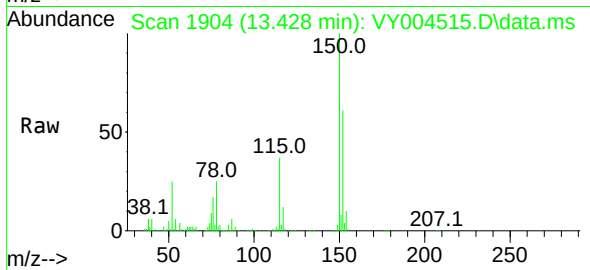




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004515.D
 Acq: 20 Apr 2021 09:39

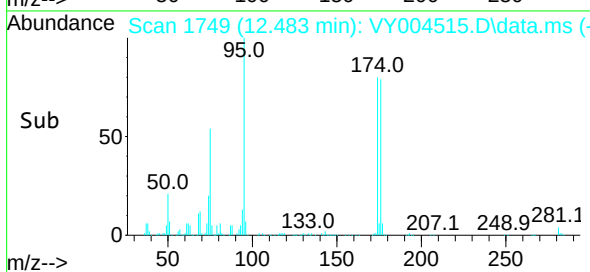
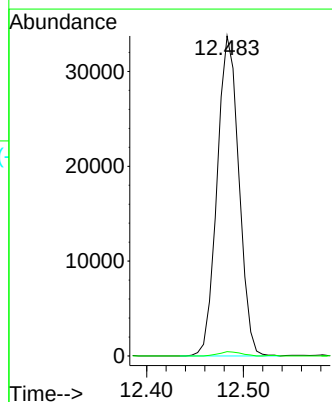
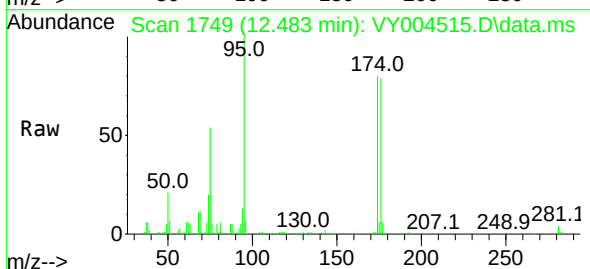
Instrument :
 MSVOA_Y
 ClientSampleId :

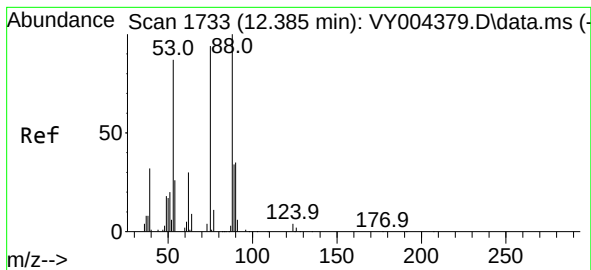
Tgt Ion:152 Resp: 96956
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.6 88.8
 150 158.7 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.67 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004515.D
 Acq: 20 Apr 2021 09:39

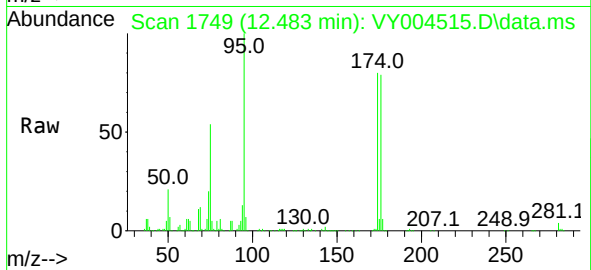
Tgt Ion: 75 Resp: 52724
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.64 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004515.D
 Acq: 20 Apr 2021 09:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 52724
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.0 36.1 54.1#

