

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004528.D
 Acq On : 20 Apr 2021 14:58
 Operator : SY/MD
 Sample : M2090-11
 Misc : 6.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:51:36 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)

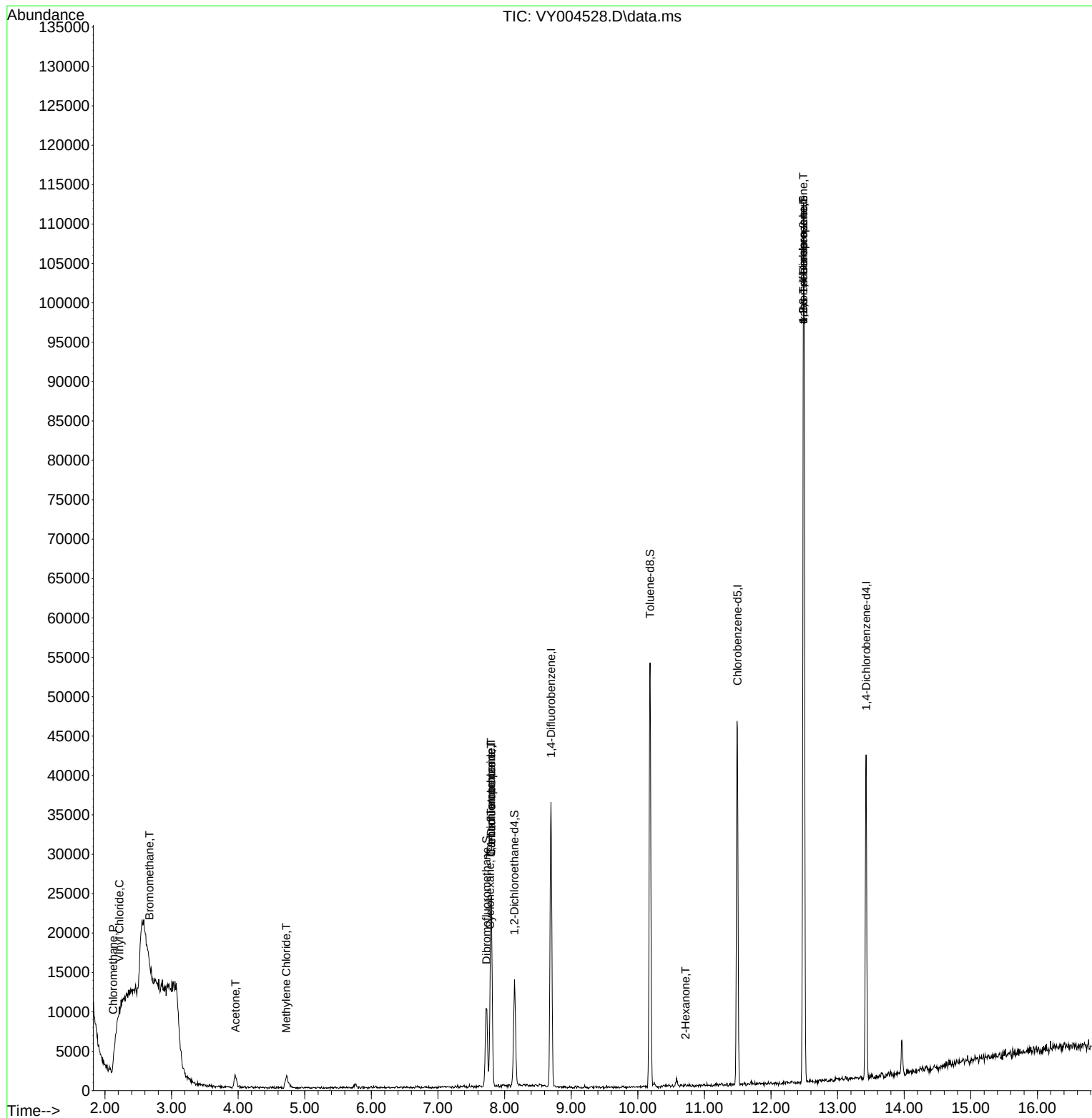
Internal Standards						
1) Pentafluorobenzene	7.801	168	18536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	28947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	24486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9809	47.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.26%
35) Dibromofluoromethane	7.728	113	7034	43.79	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.58%
50) Toluene-d8	10.185	98	33922	49.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.28%
62) 4-Bromofluorobenzene	12.483	95	9693	41.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.60%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	290	1.17	ug/l #	41
4) Vinyl Chloride	2.217	62	1068	4.07	ug/l #	43
5) Bromomethane	2.668	94	143	1.12	ug/l #	74
16) Acetone	3.960	43	2684	45.68	ug/l #	78
20) Methylene Chloride	4.722	84	1061	5.33	ug/l #	83
31) Cyclohexane	7.783	56	487	1.29	ug/l #	72
36) 1,1-Dichloropropene	7.795	75	1480	5.15	ug/l #	44
38) Carbon Tetrachloride	7.795	117	1833	7.37	ug/l #	12
59) 2-Hexanone	10.715	43	222	1.84	ug/l #	27
76) 1,2,3-Trichloropropane	12.483	75	6272	61.49	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6272	110.01	ug/l #	14

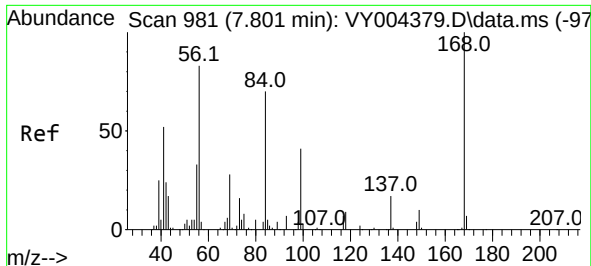
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

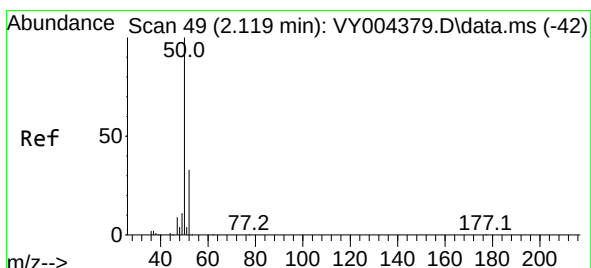
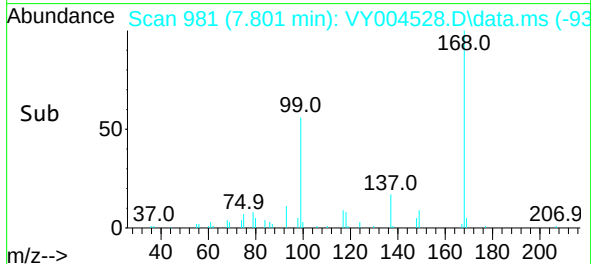
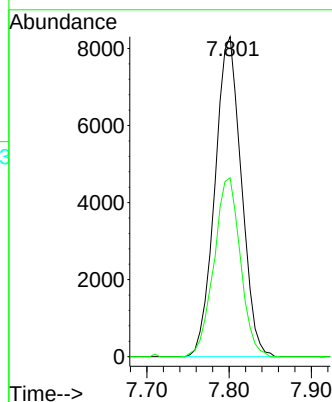
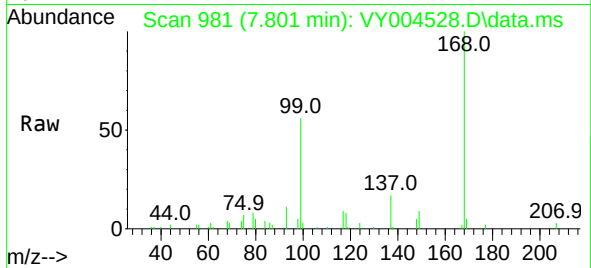




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

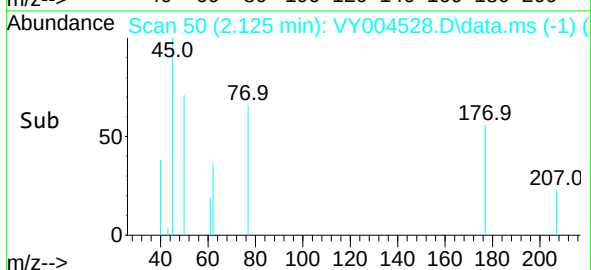
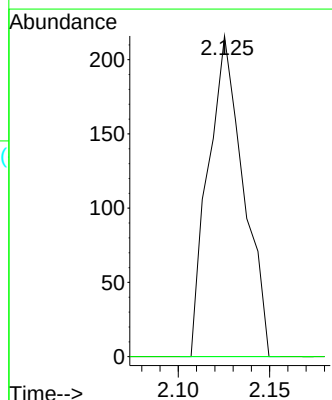
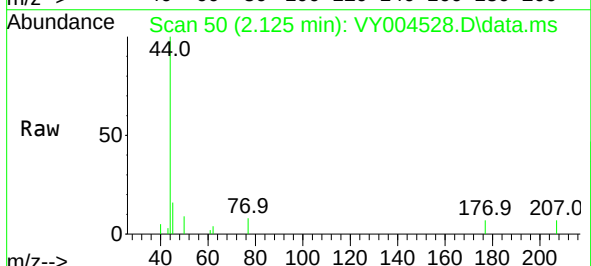
Instrument :
MSVOA_Y
ClientSampleId :

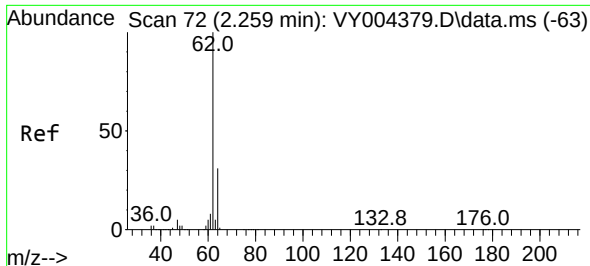
Tgt Ion:168 Resp: 18536
Ion Ratio Lower Upper
168 100
99 55.9 45.5 68.3



#3
Chloromethane
Concen: 1.17 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

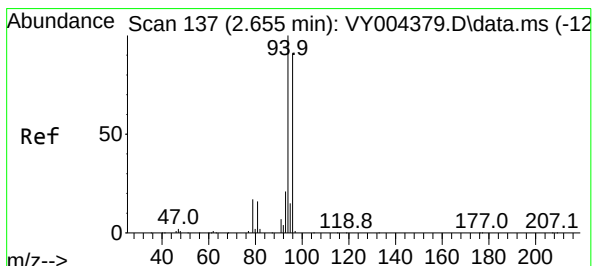
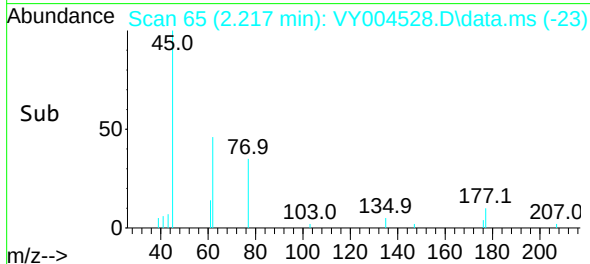
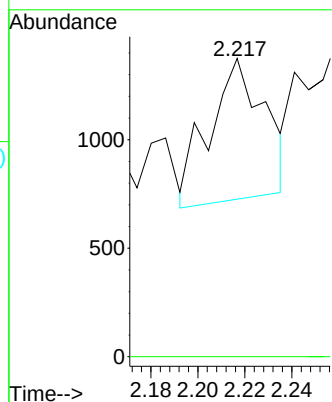
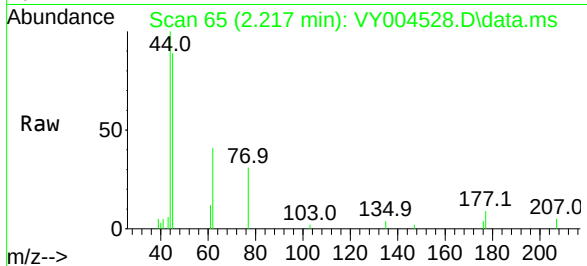




#4
 Vinyl Chloride
 Concen: 4.07 ug/l
 RT: 2.217 min Scan# 65
 Delta R.T. -0.042 min
 Lab File: VY004528.D
 Acq: 20 Apr 2021 14:58

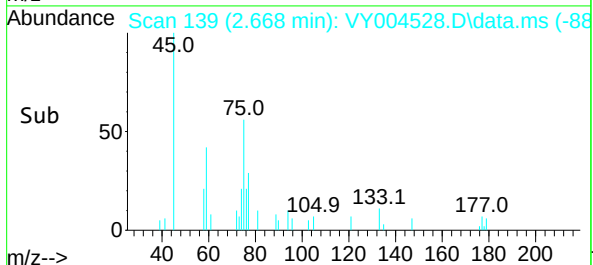
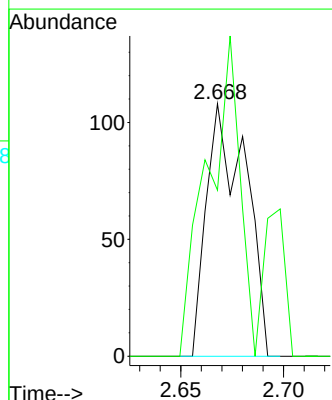
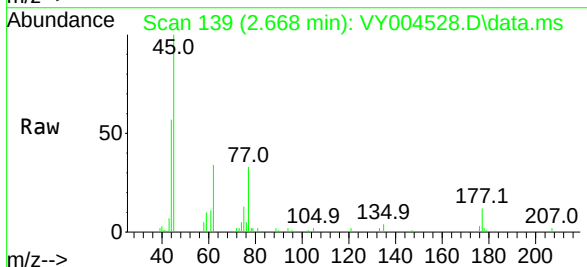
Instrument :
 MSVOA_Y
 ClientSampled :

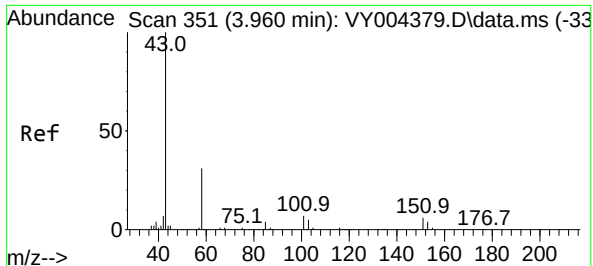
Tgt Ion: 62 Resp: 1068
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.1 37.7#



#5
 Bromomethane
 Concen: 1.12 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.012 min
 Lab File: VY004528.D
 Acq: 20 Apr 2021 14:58

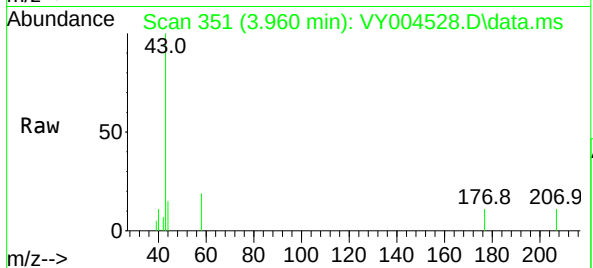
Tgt Ion: 94 Resp: 143
 Ion Ratio Lower Upper
 94 100
 96 65.7 72.6 108.8#



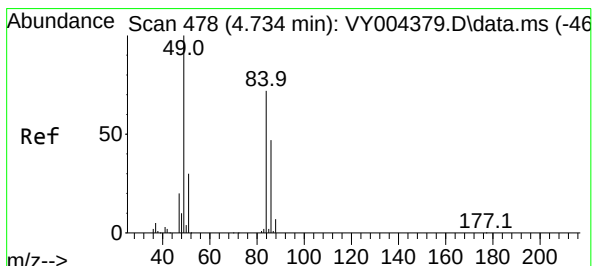
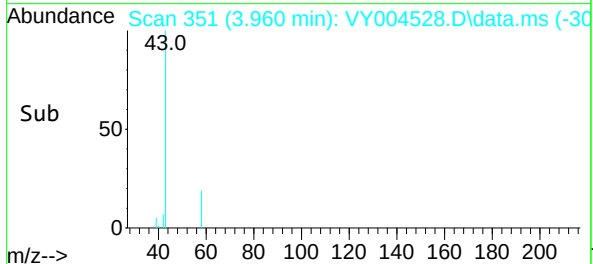
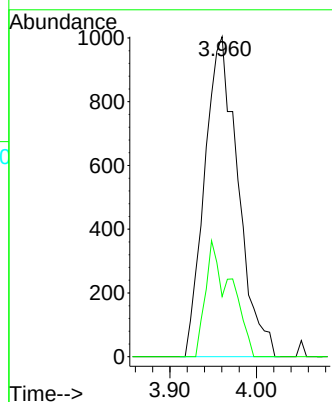


#16
Acetone
Concen: 45.68 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

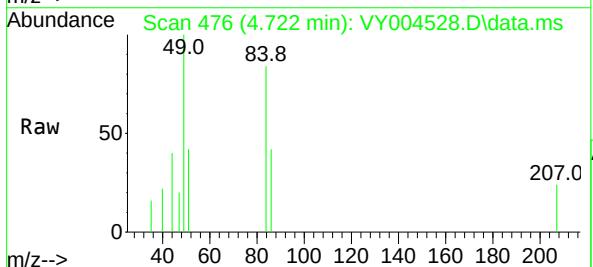
Instrument :
MSVOA_Y
ClientSampled :



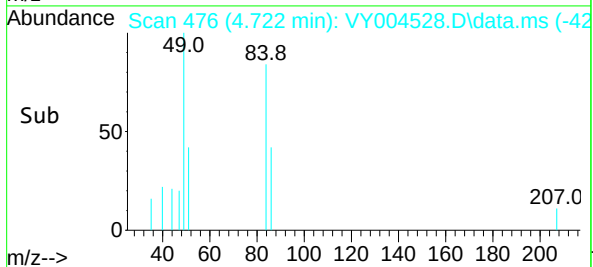
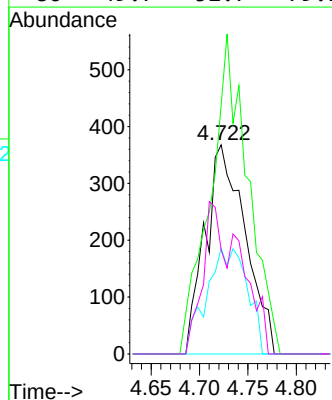
Tgt Ion: 43 Resp: 2684
Ion Ratio Lower Upper
43 100
58 18.8 24.6 37.0#

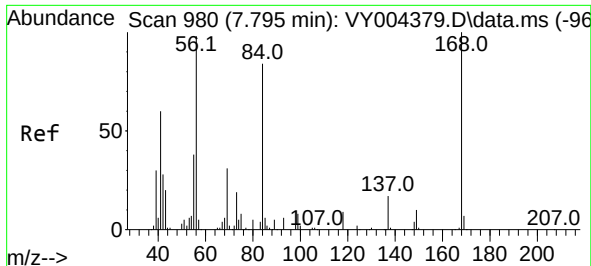


#20
Methylene Chloride
Concen: 5.33 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58



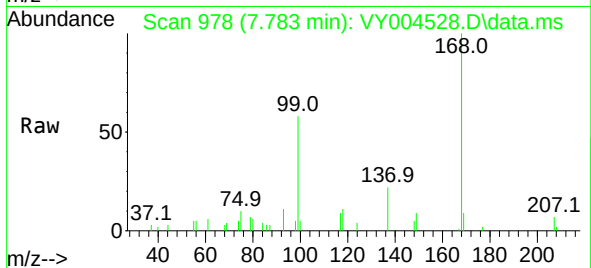
Tgt Ion: 84 Resp: 1061
Ion Ratio Lower Upper
84 100
49 119.0 111.2 166.8
51 50.5 33.4 50.2#
86 49.7 52.7 79.1#



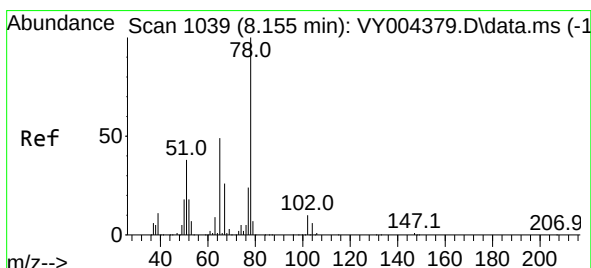
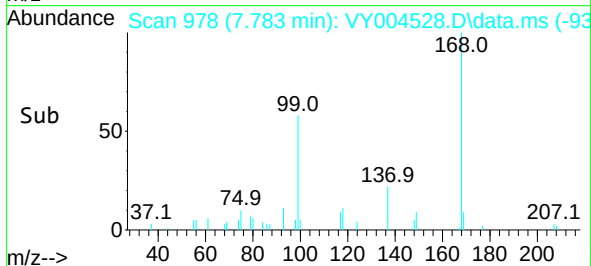
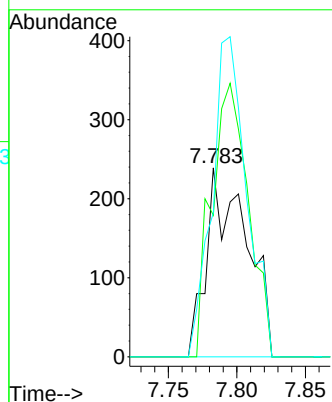


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :

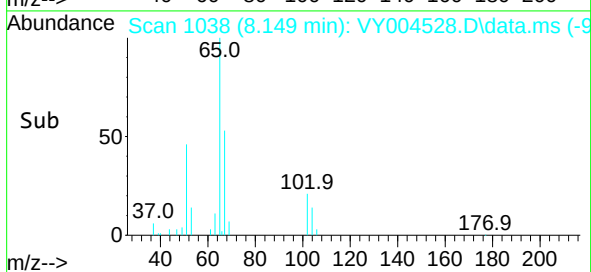
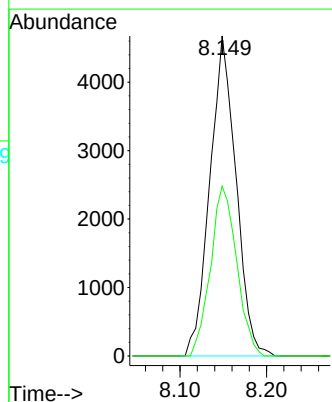
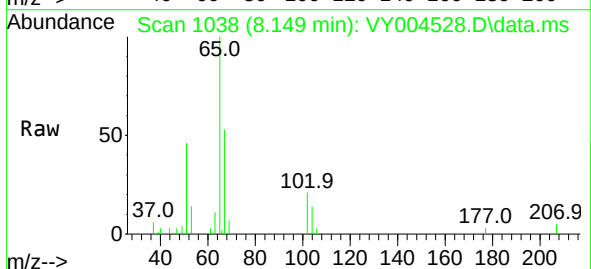


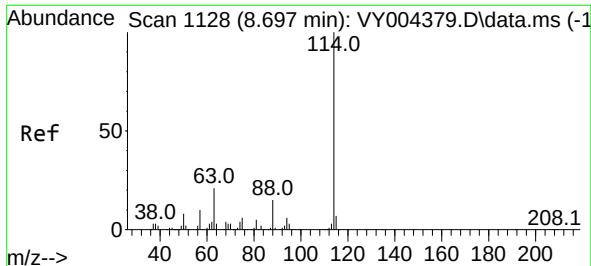
Tgt Ion: 56 Resp: 487
Ion Ratio Lower Upper
56 100
69 74.9 25.8 38.6#
84 76.2 68.2 102.4



#33
1,2-Dichloroethane-d4
Concen: 47.63 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

Tgt Ion: 65 Resp: 9809
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4

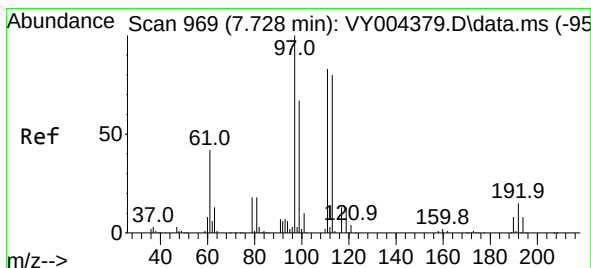
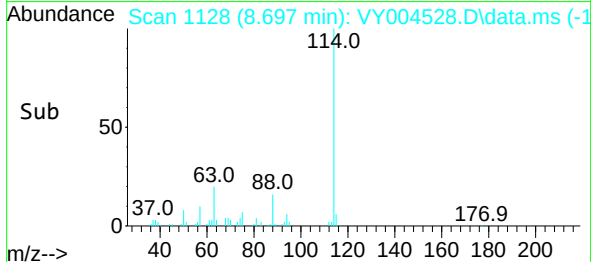
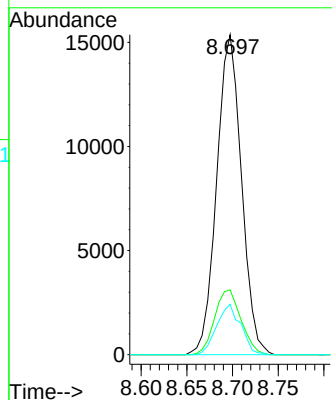
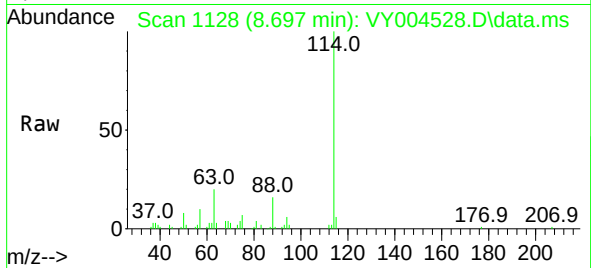




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

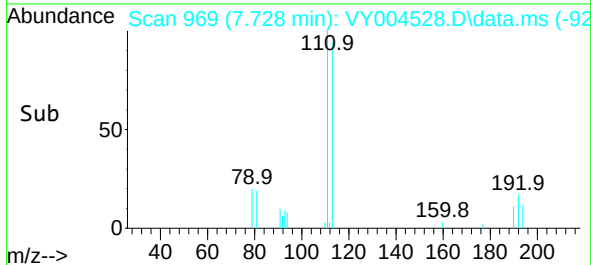
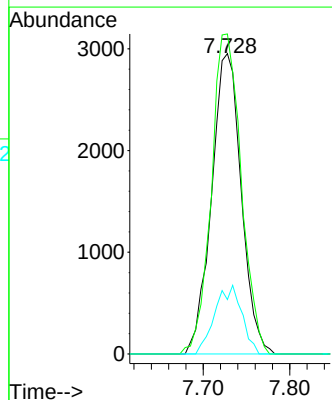
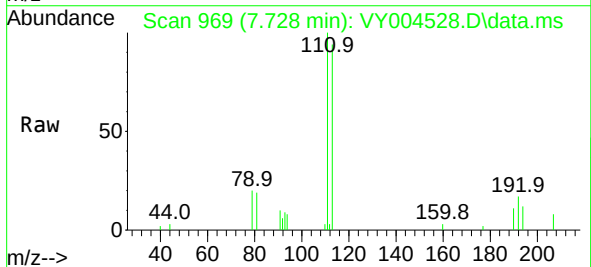
Instrument :
MSVOA_Y
ClientSampleId :

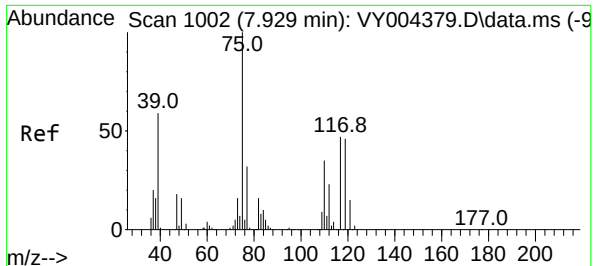
Tgt Ion:	114	Resp:	28947
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	42.4
88	15.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 43.79 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

Tgt Ion:	113	Resp:	7034
Ion Ratio	Lower	Upper	
113	100		
111	106.9	82.6	123.8
192	20.7	16.1	24.1





#36

1,1-Dichloropropene

Concen: 5.15 ug/l

RT: 7.795 min Scan# 980

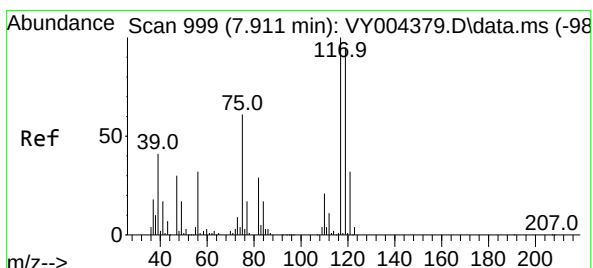
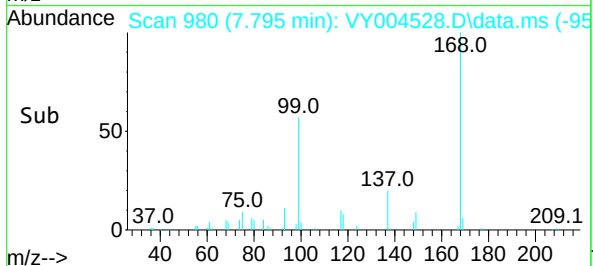
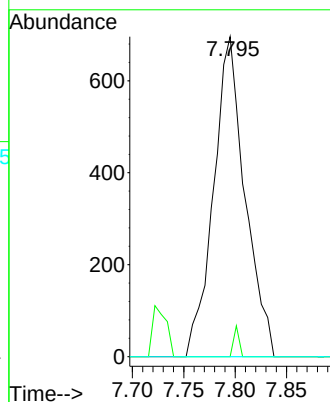
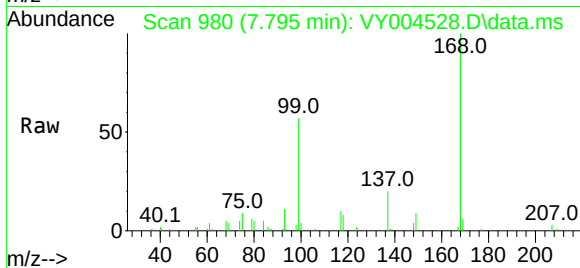
Delta R.T. -0.134 min

Lab File: VY004528.D

Acq: 20 Apr 2021 14:58

Tgt Ion:	75	Resp:	1480
Ion	Ratio	Lower	Upper
75	100		
110	1.7	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 7.37 ug/l

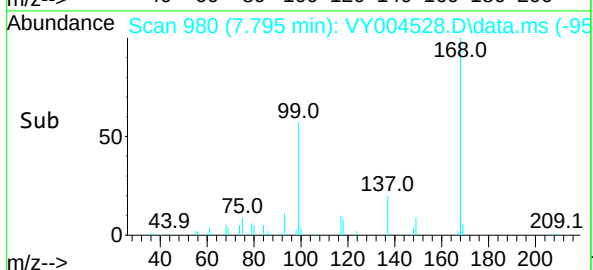
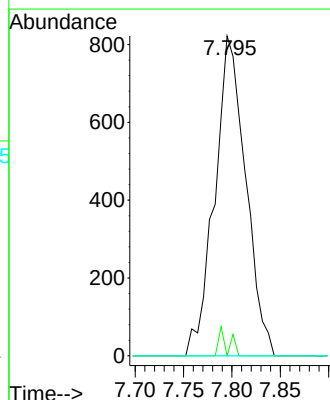
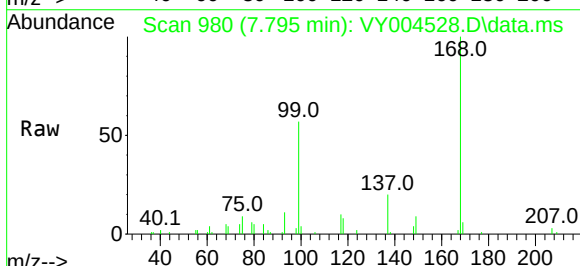
RT: 7.795 min Scan# 980

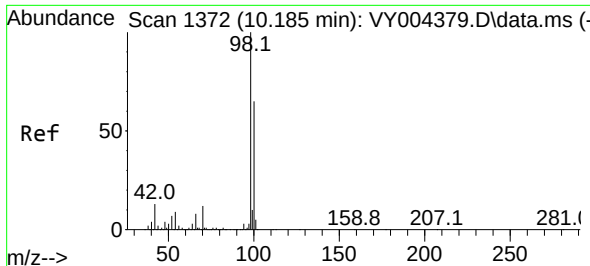
Delta R.T. -0.116 min

Lab File: VY004528.D

Acq: 20 Apr 2021 14:58

Tgt Ion:	117	Resp:	1833
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
121	0.0	25.3	37.9#

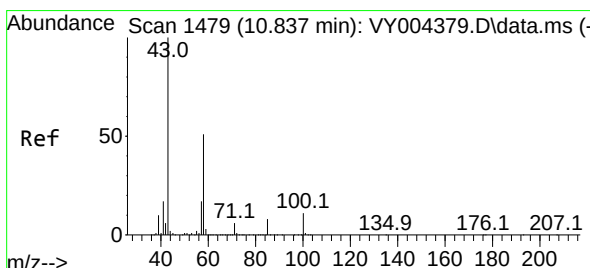
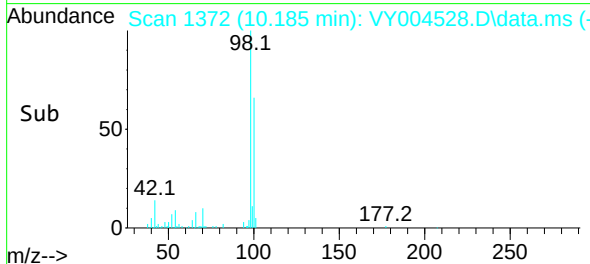
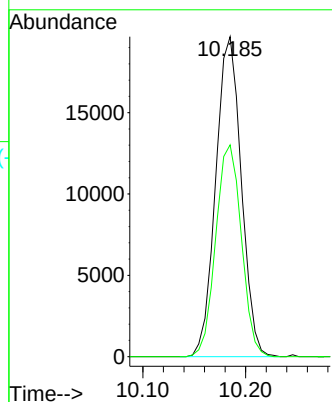
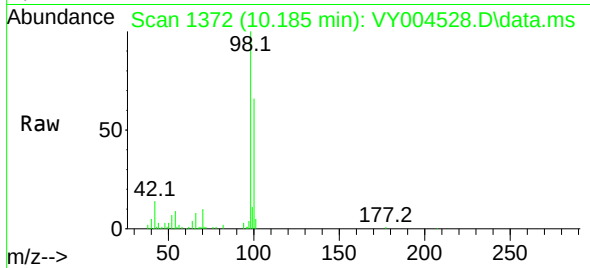




#50
Toluene-d8
Concen: 49.64 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

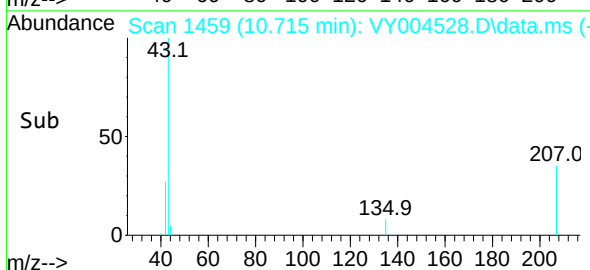
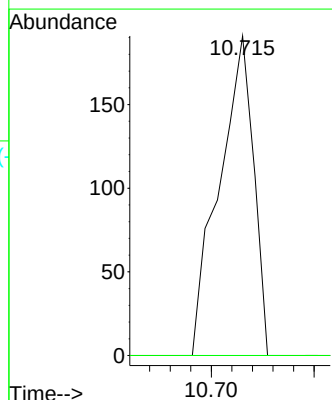
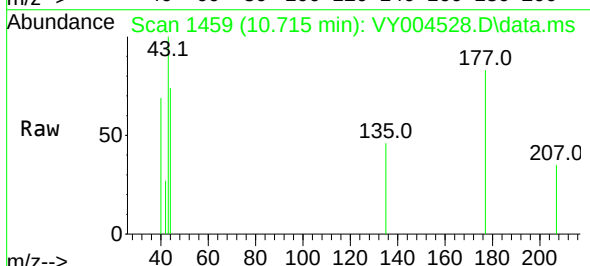
Instrument :
MSVOA_Y
ClientSampled :

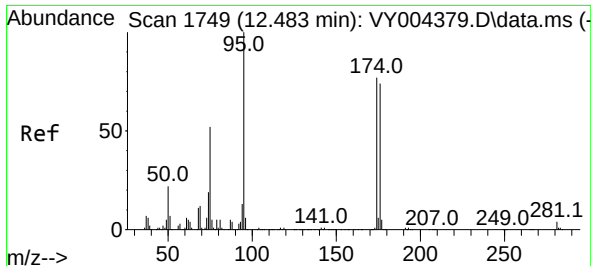
Tgt Ion: 98 Resp: 33922
Ion Ratio Lower Upper
98 100
100 66.4 51.8 77.6



#59
2-Hexanone
Concen: 1.84 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 0.0 25.4 76.4#

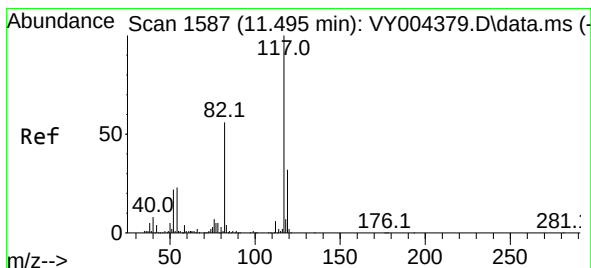
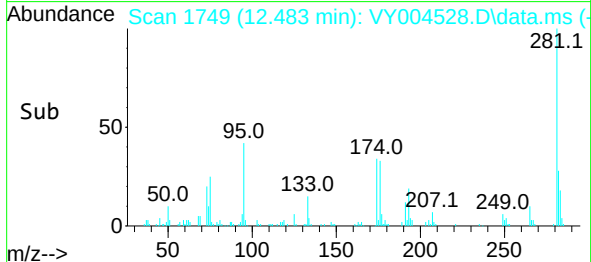
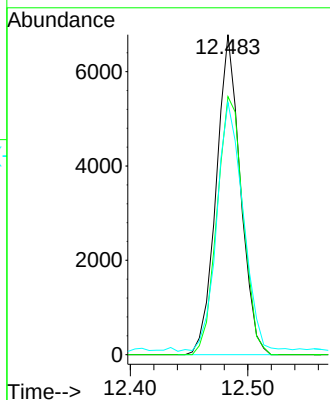
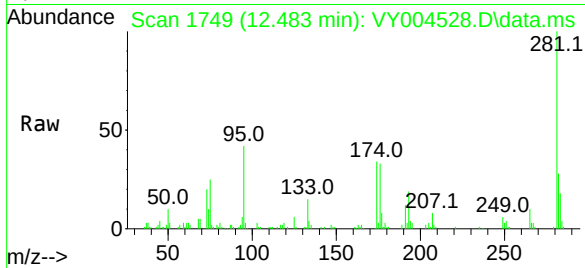




#62
4-Bromofluorobenzene
Concen: 41.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

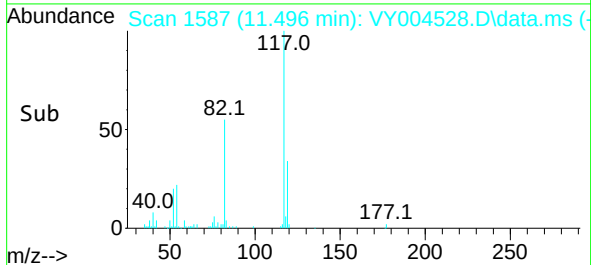
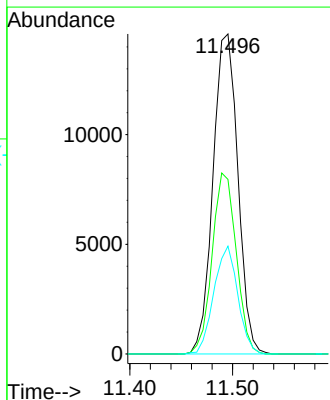
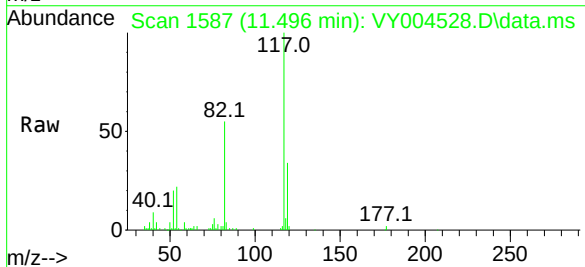
Instrument :
MSVOA_Y
ClientSampleId :

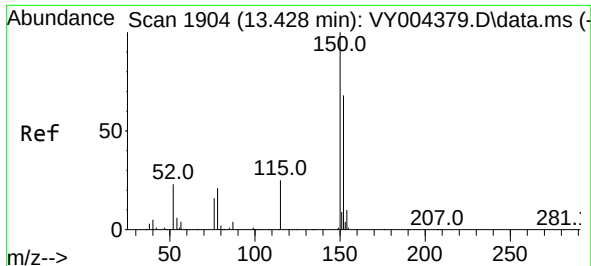
Tgt Ion: 95 Resp: 9693
Ion Ratio Lower Upper
95 100
174 87.0 0.0 162.4
176 84.9 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004528.D
Acq: 20 Apr 2021 14:58

Tgt Ion: 117 Resp: 24486
Ion Ratio Lower Upper
117 100
82 54.6 44.9 67.3
119 33.7 25.4 38.0

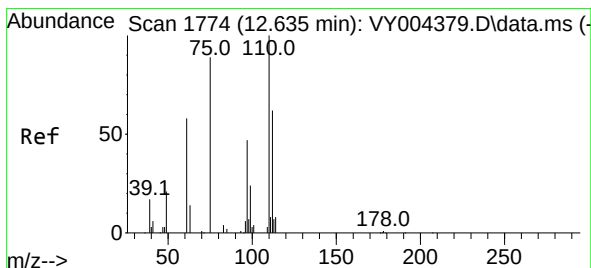
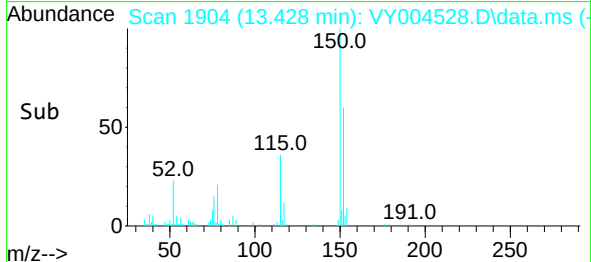
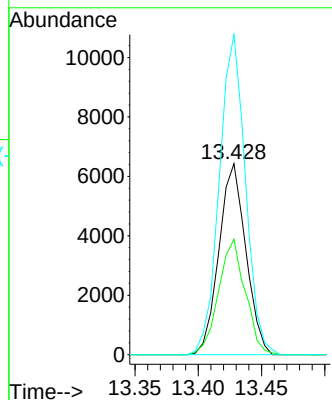
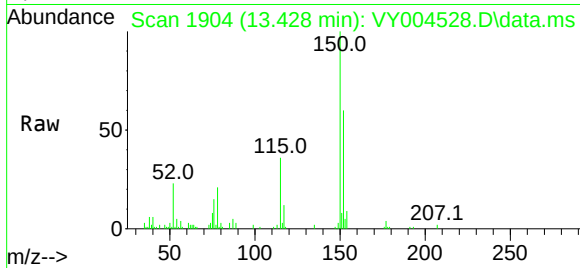




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004528.D
 Acq: 20 Apr 2021 14:58

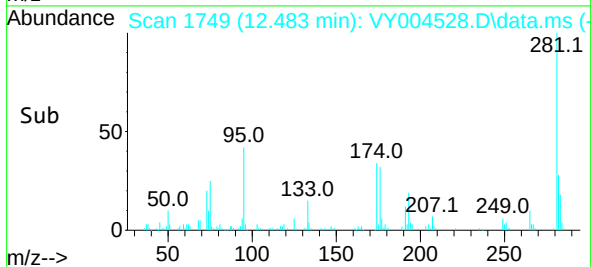
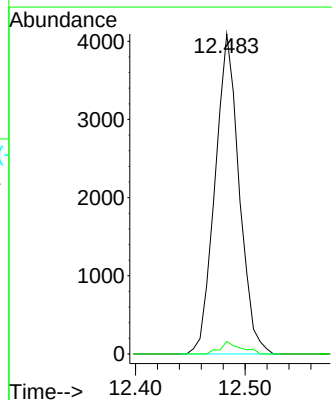
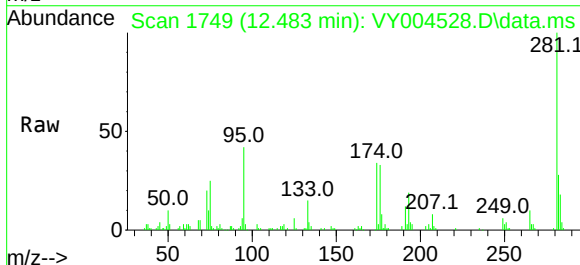
Instrument :
 MSVOA_Y
 ClientSampleId :

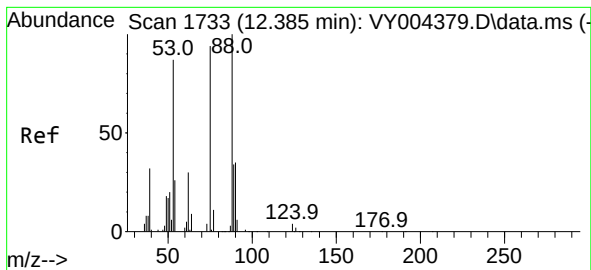
Tgt Ion:152 Resp: 9503
 Ion Ratio Lower Upper
 152 100
 115 60.0 29.6 88.8
 150 162.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 61.49 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004528.D
 Acq: 20 Apr 2021 14:58

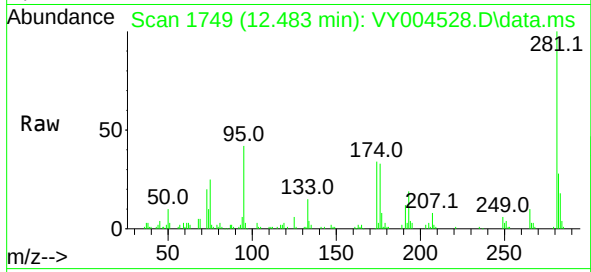
Tgt Ion: 75 Resp: 6272
 Ion Ratio Lower Upper
 75 100
 77 3.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.01 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004528.D
 Acq: 20 Apr 2021 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 6272
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 4.6 36.1 54.1#

