

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004468.D
 Acq On : 16 Apr 2021 14:35
 Operator : SY/MD
 Sample : M2050-03
 Misc : 5.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Quant Time: Apr 17 00:54:29 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)

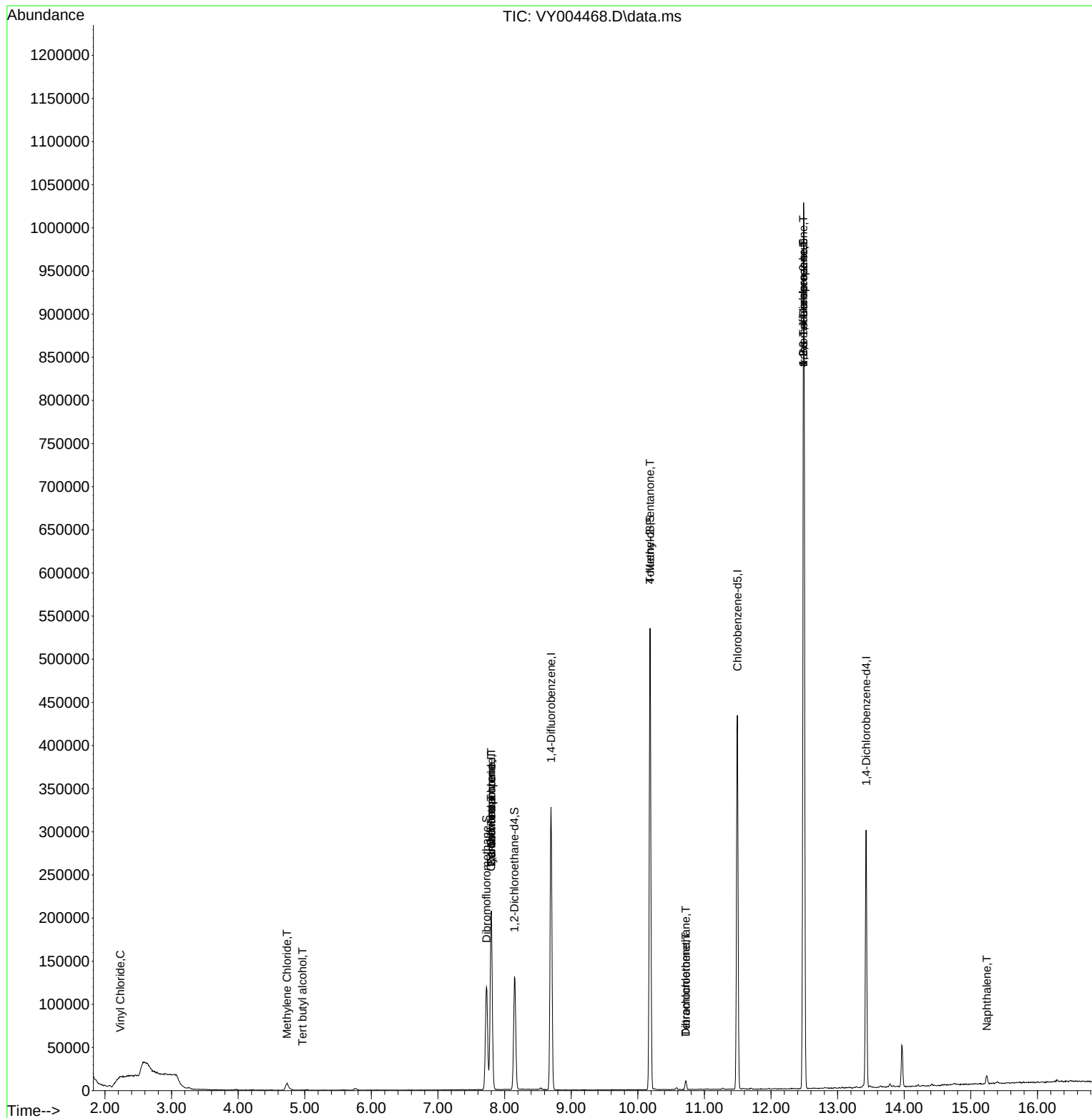
Internal Standards						
1) Pentafluorobenzene	7.801	168	157473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	269852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	224196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101005	57.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.46%
35) Dibromofluoromethane	7.728	113	83734	55.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.82%
50) Toluene-d8	10.185	98	329305	51.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.40%
62) 4-Bromofluorobenzene	12.483	95	87432	40.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.90%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	8653	3.88	ug/l #	43
11) Tert butyl alcohol	4.966	59	219	1.27	ug/l #	73
16) Acetone	3.973	43	1213	Below Cal	#	66
20) Methylene Chloride	4.735	84	5274	3.12	ug/l	90
31) Cyclohexane	7.795	56	3693	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	12691	4.73	ug/l #	50
38) Carbon Tetrachloride	7.801	117	15848	6.84	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	1913	1.14	ug/l #	1
60) Dibromochloromethane	10.721	129	1797	1.04	ug/l #	10
64) Tetrachloroethene	10.721	164	2085	1.07	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	55750	74.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55750	133.00	ug/l #	14
95) Naphthalene	15.239	128	7739	2.68	ug/l	98

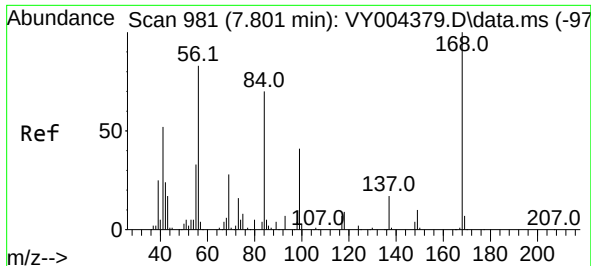
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-8

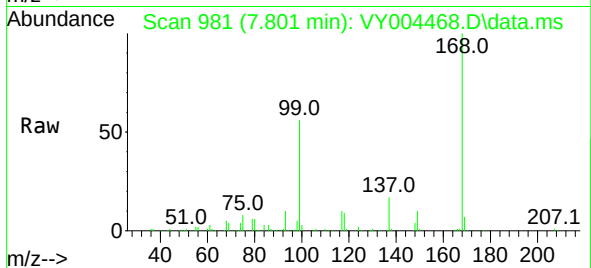
Quant Time: Apr 17 00:54:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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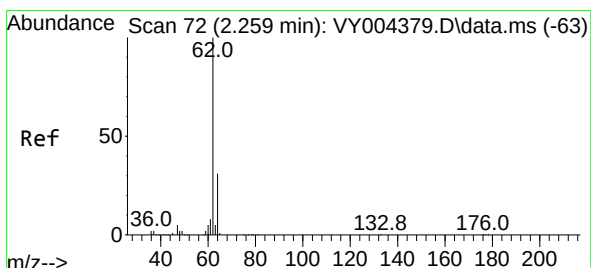
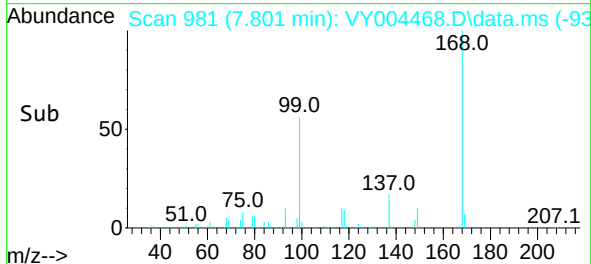
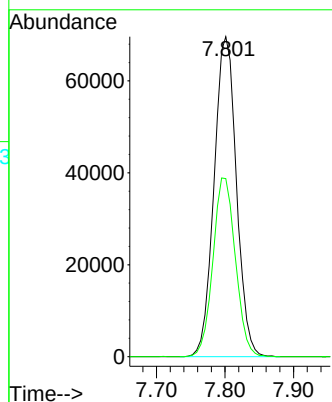


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

Instrument :
MSVOA_Y
ClientSampled :
TP-8

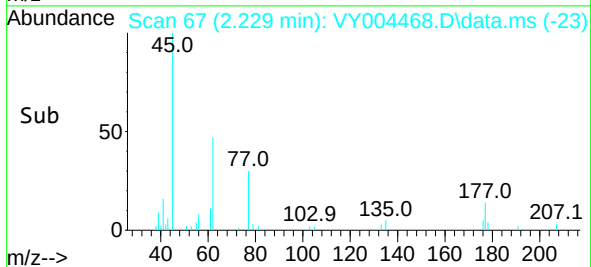
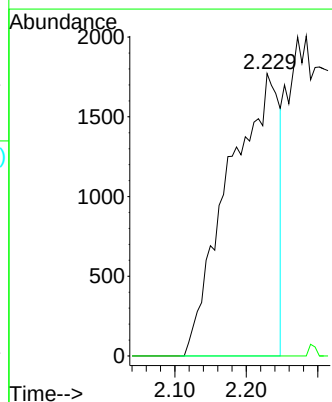
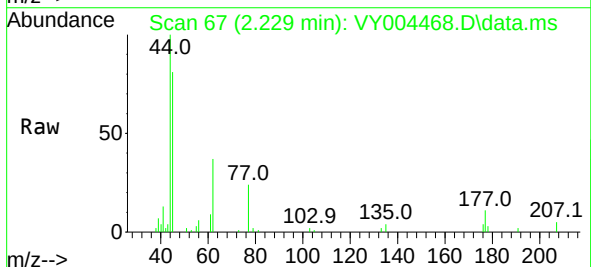


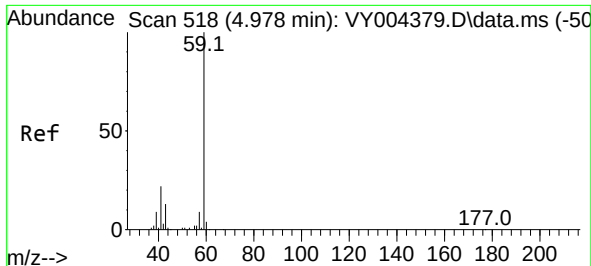
Tgt Ion: 168 Resp: 157473
Ion Ratio Lower Upper
168 100
99 55.7 45.5 68.3



#4
Vinyl Chloride
Concen: 3.88 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.030 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

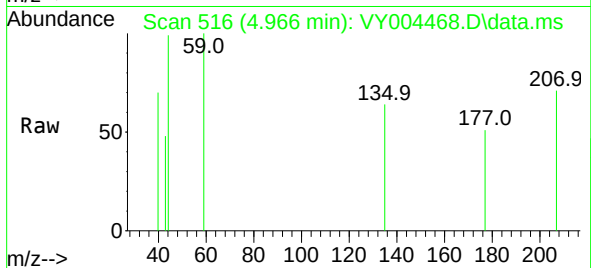
Tgt Ion: 62 Resp: 8653
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



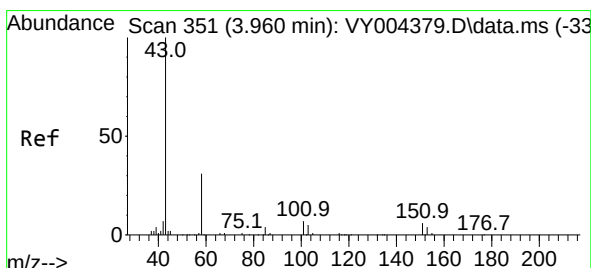
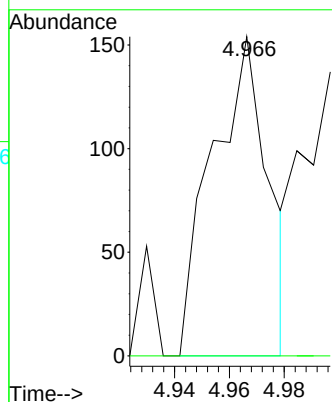
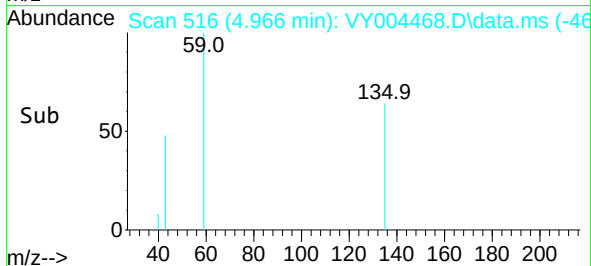


#11
Tert butyl alcohol
Concen: 1.27 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

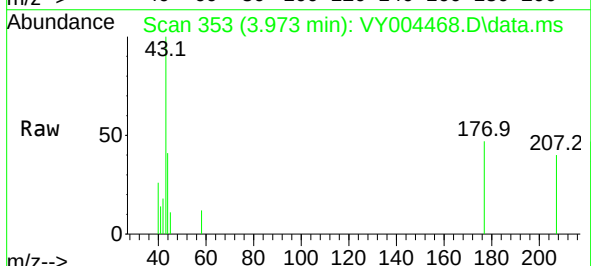
Instrument :
MSVOA_Y
ClientSampled :
TP-8



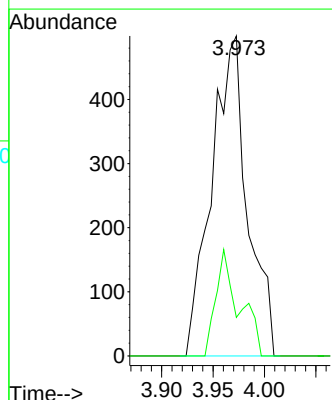
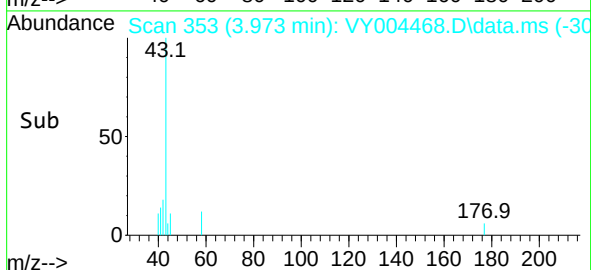
Tgt Ion: 59 Resp: 219
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

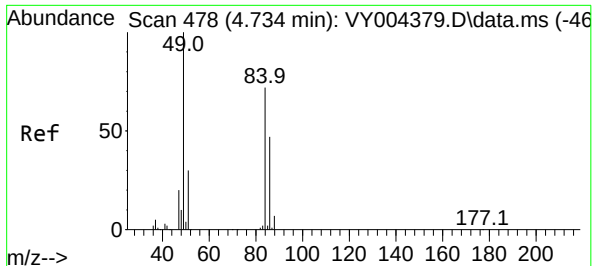


#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35



Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 12.0 24.6 37.0#





#20

Methylene Chloride

Concen: 3.12 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY004468.D

Acq: 16 Apr 2021 14:35

Instrument :
MSVOA_Y
ClientSampled :
TP-8

Tgt Ion: 84 Resp: 5274

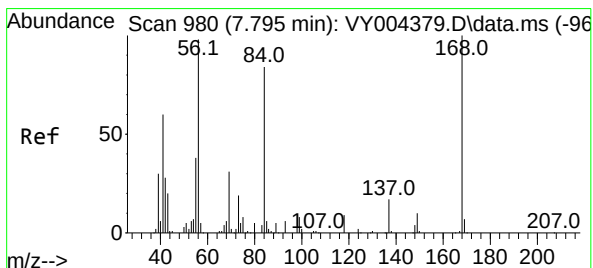
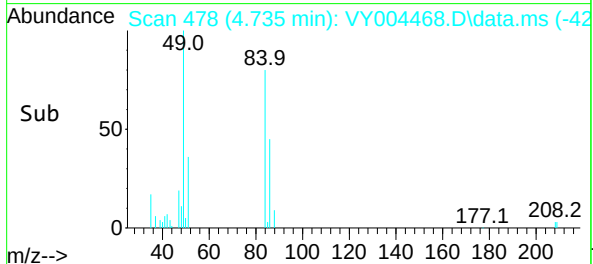
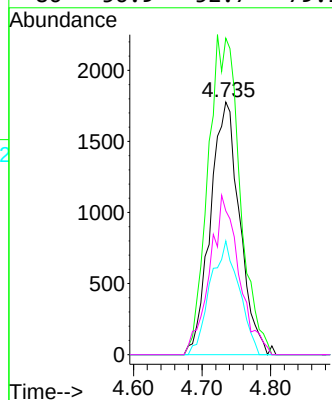
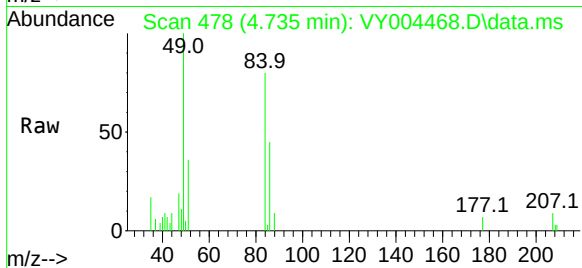
Ion Ratio Lower Upper

84 100

49 125.3 111.2 166.8

51 45.0 33.4 50.2

86 56.9 52.7 79.1



#31

Cyclohexane

Concen: 1.15 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY004468.D

Acq: 16 Apr 2021 14:35

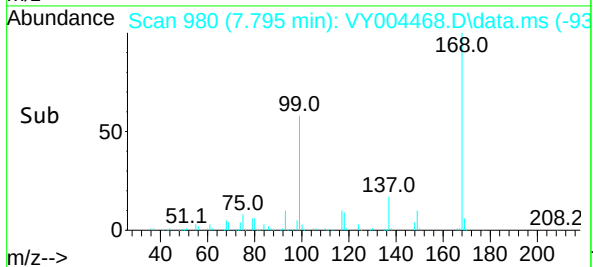
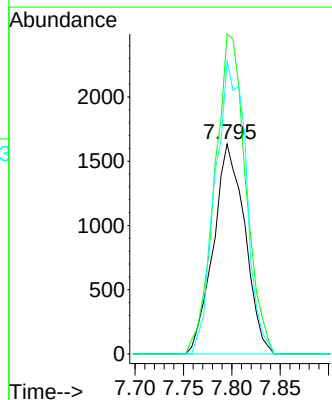
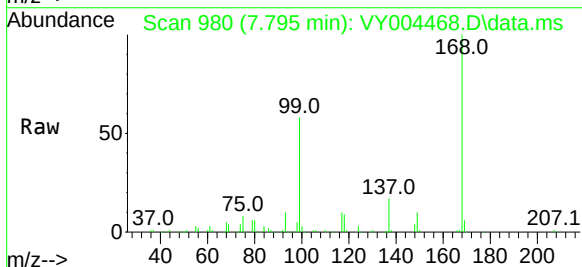
Tgt Ion: 56 Resp: 3693

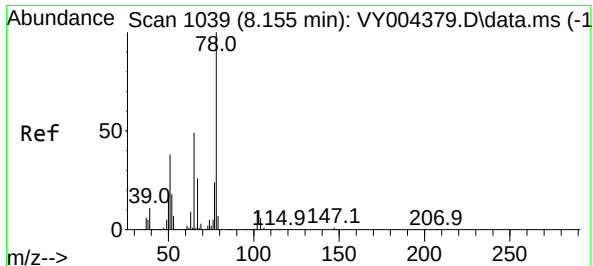
Ion Ratio Lower Upper

56 100

69 152.4 25.8 38.6#

84 139.6 68.2 102.4#

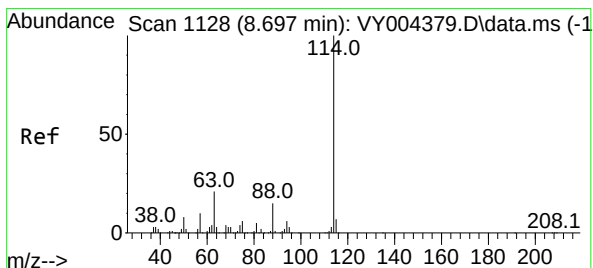
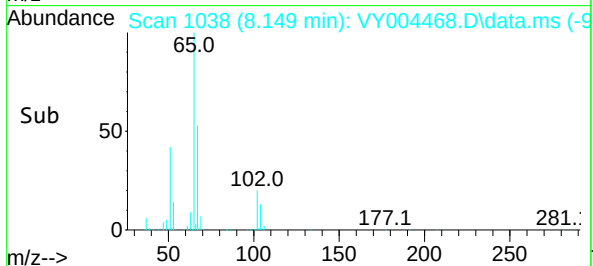
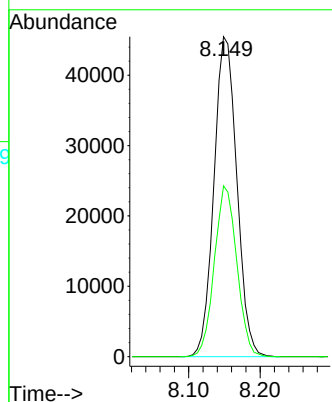
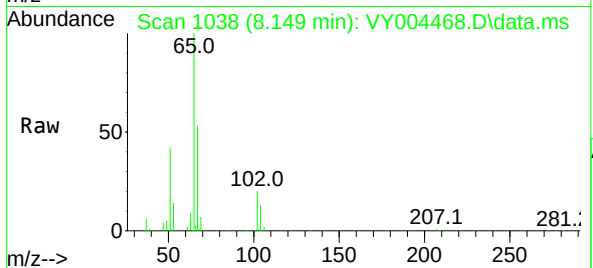




#33
1,2-Dichloroethane-d4
Concen: 57.73 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

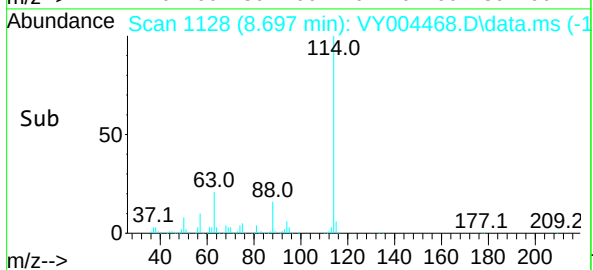
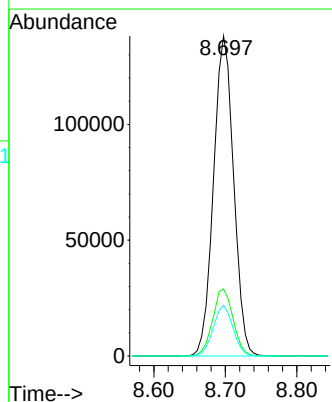
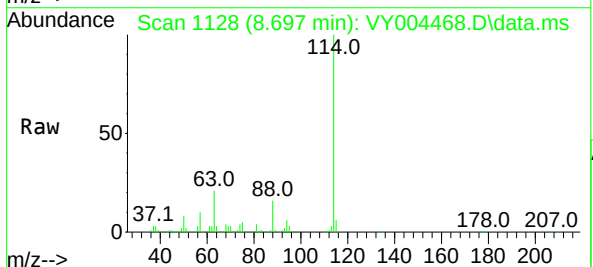
Instrument :
MSVOA_Y
ClientSampled :
TP-8

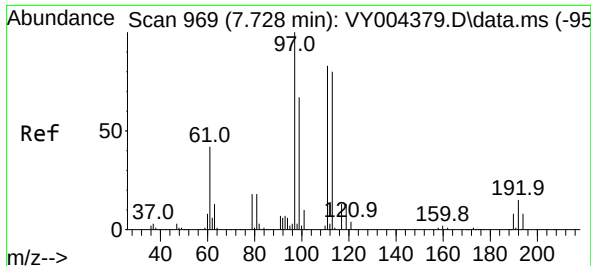
Tgt Ion: 65 Resp: 101005
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

Tgt Ion: 114 Resp: 269852
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.9 0.0 30.8

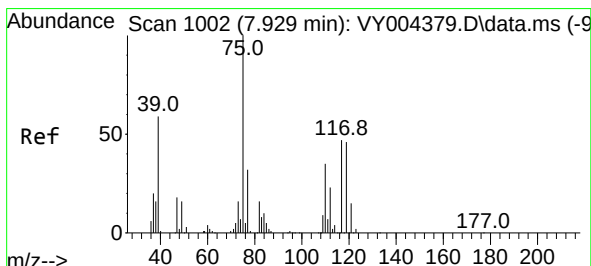
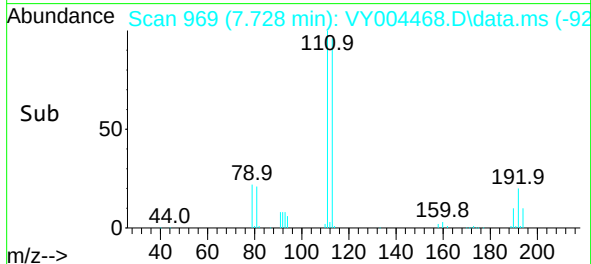
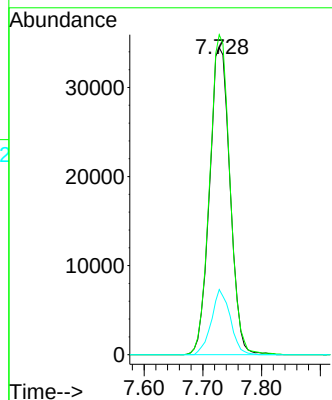
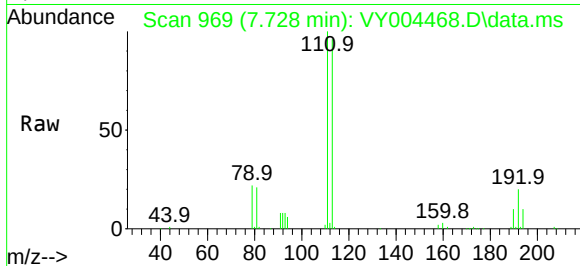




#35
Dibromofluoromethane
Concen: 55.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

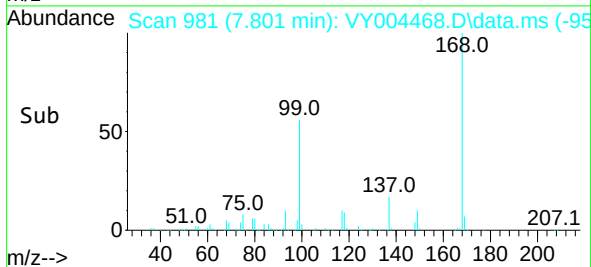
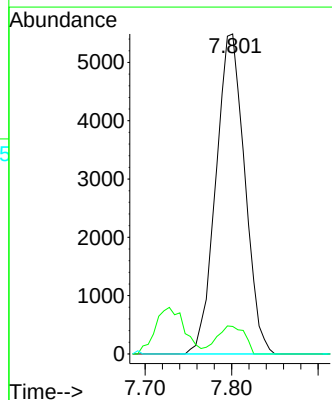
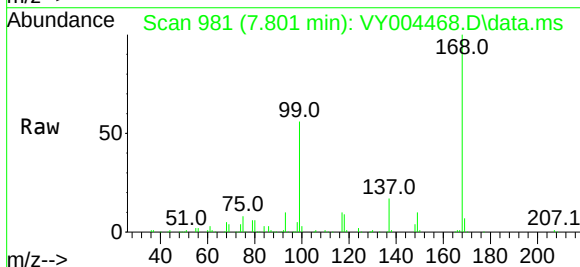
Instrument :
MSVOA_Y
ClientSampled :
TP-8

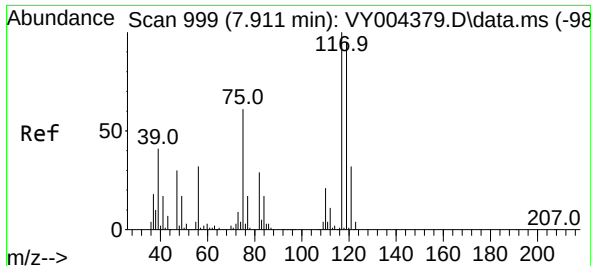
Tgt Ion:	113	Resp:	83734
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	19.5	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

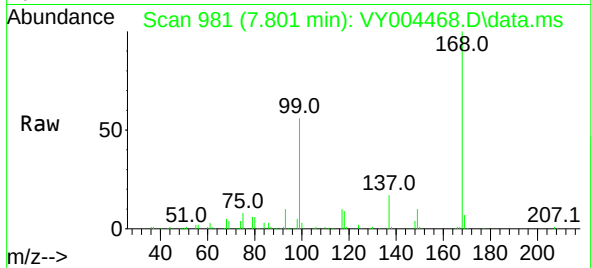
Tgt Ion:	75	Resp:	12691
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.3	51.7#
77	0.0	24.3	36.5#



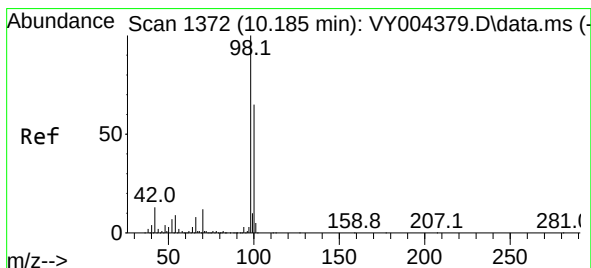
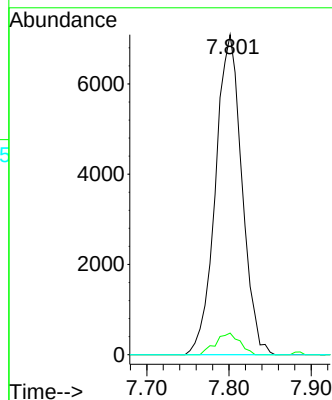
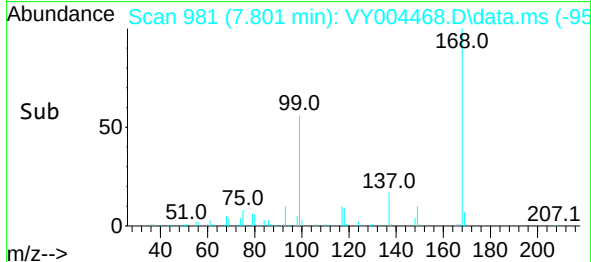


#38
Carbon Tetrachloride
Concen: 6.84 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

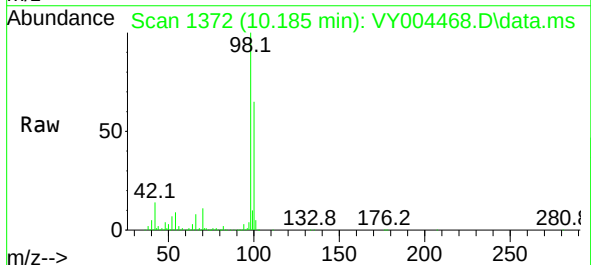
Instrument :
MSVOA_Y
ClientSampleId :
TP-8



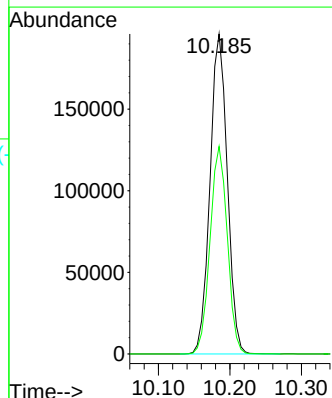
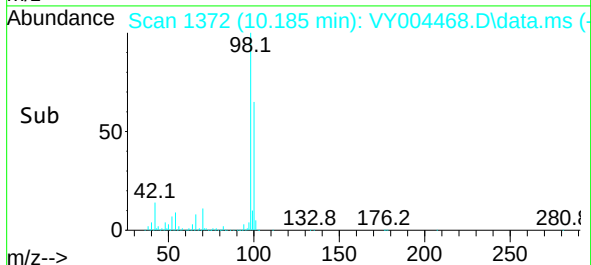
Tgt Ion:117 Resp: 15848
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 0.0 25.3 37.9#

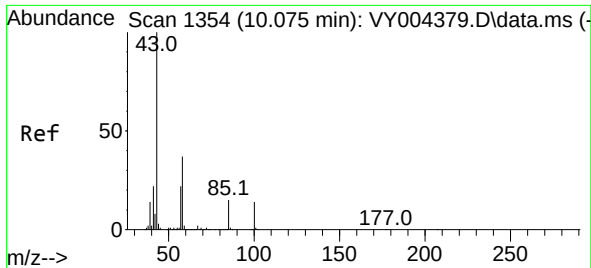


#50
Toluene-d8
Concen: 51.70 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35



Tgt Ion: 98 Resp: 329305
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

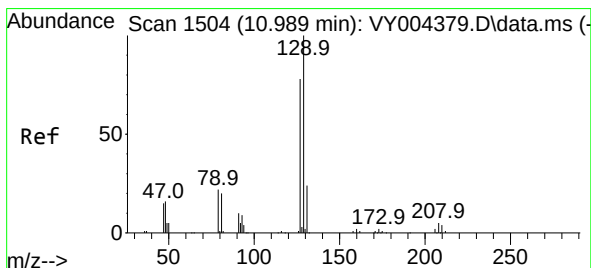
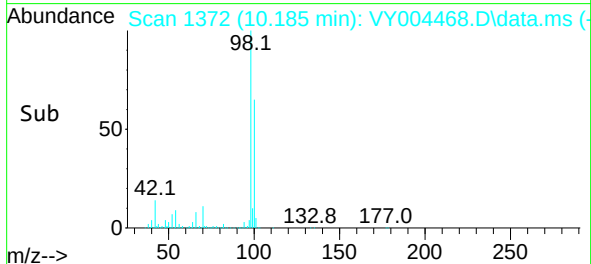
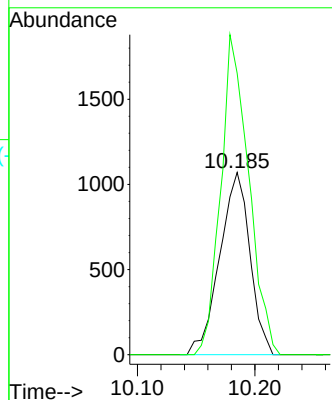
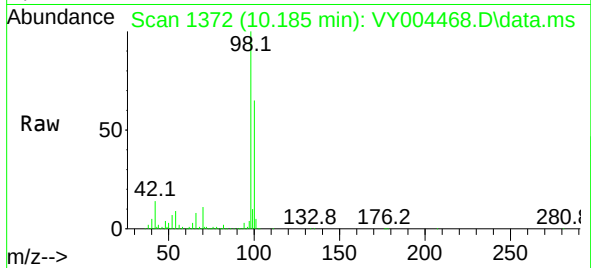




#51
4-Methyl-2-Pentanone
Concen: 1.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

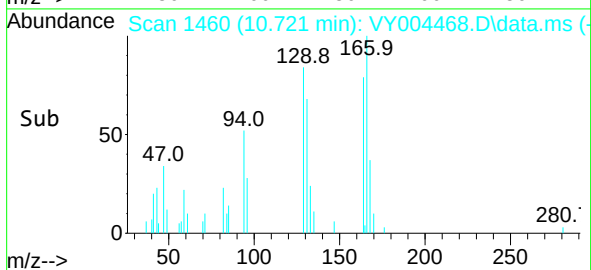
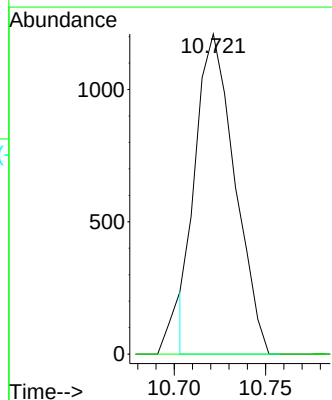
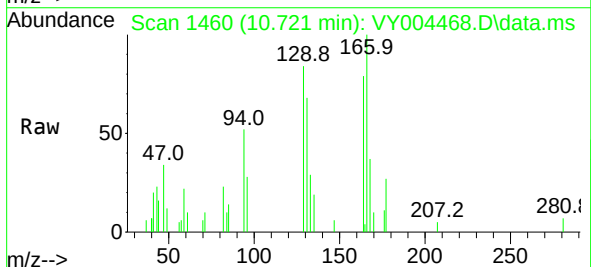
Instrument :
MSVOA_Y
ClientSampled :
TP-8

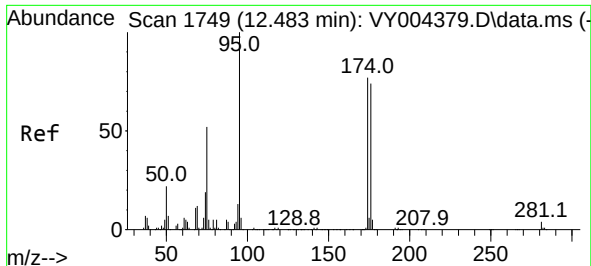
Tgt Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
58 162.6 29.2 43.8#



#60
Dibromochloromethane
Concen: 1.04 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

Tgt Ion: 129 Resp: 1797
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#

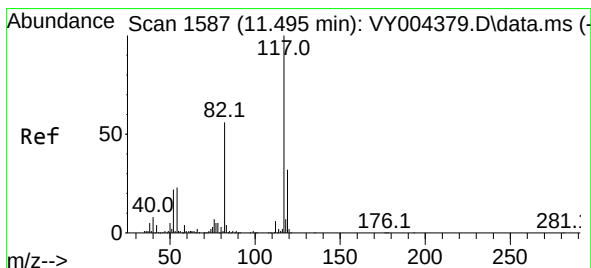
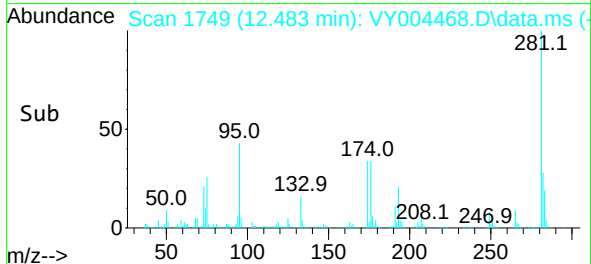
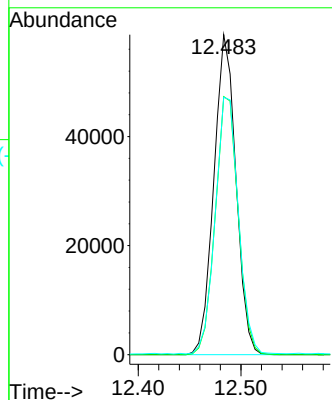
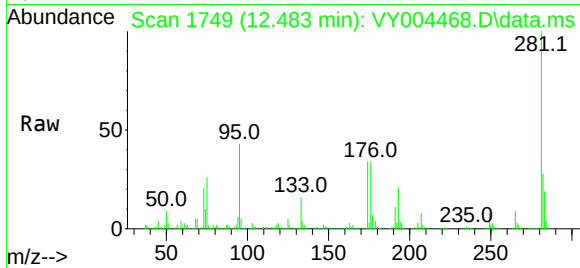




#62
4-Bromofluorobenzene
Concen: 40.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

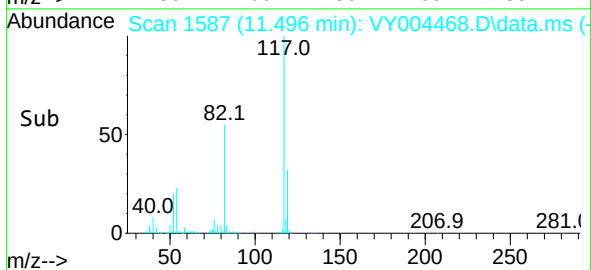
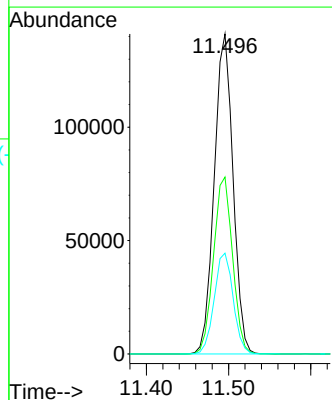
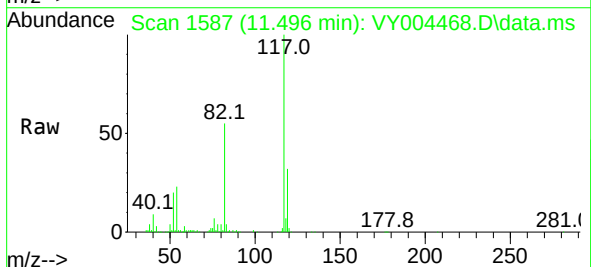
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

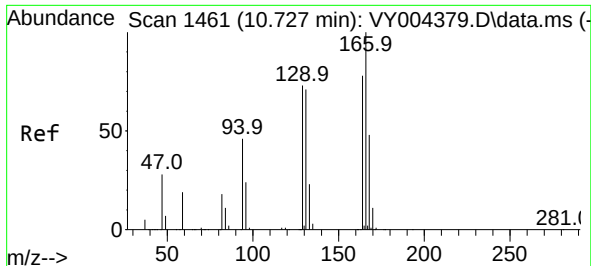
Tgt Ion: 95 Resp: 87432
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 84.3 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

Tgt Ion: 117 Resp: 224196
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 31.5 25.4 38.0

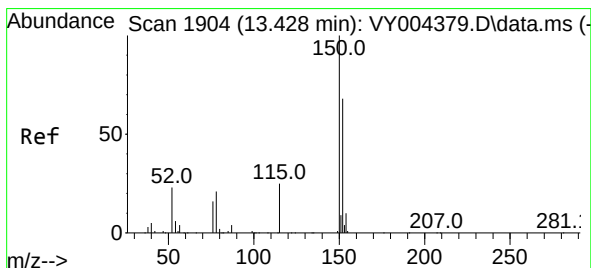
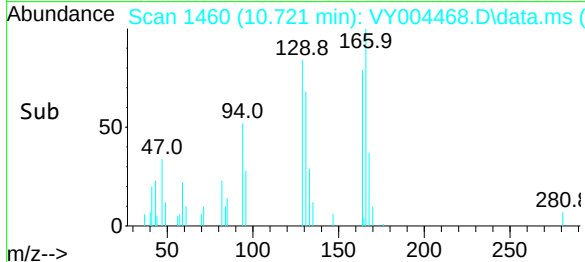
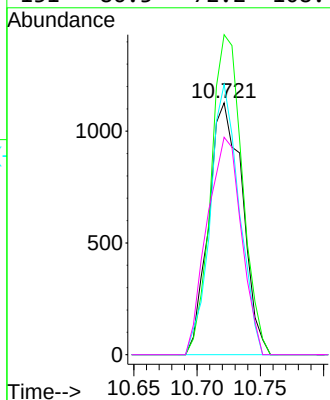
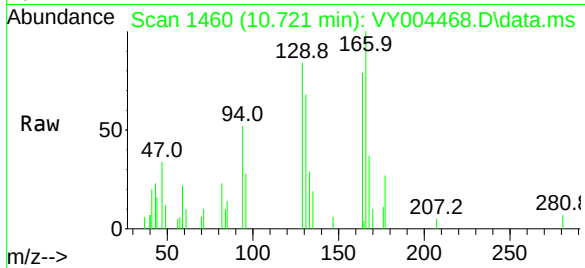




#64
Tetrachloroethene
Concen: 1.07 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

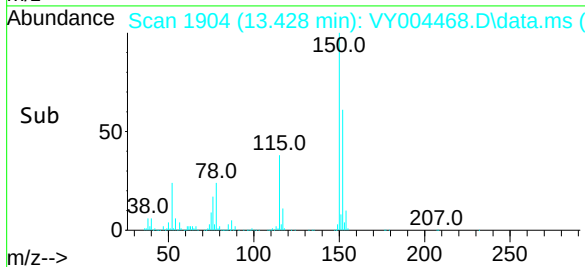
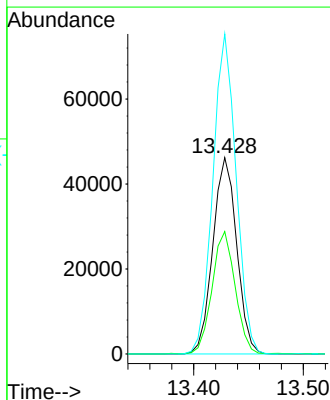
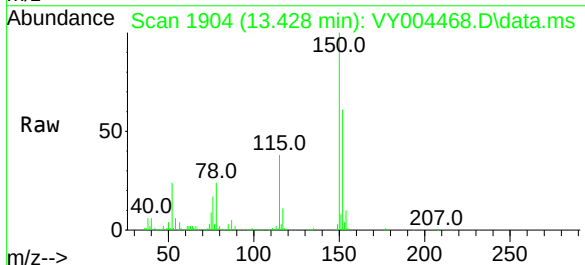
Instrument :
MSVOA_Y
ClientSampled :
TP-8

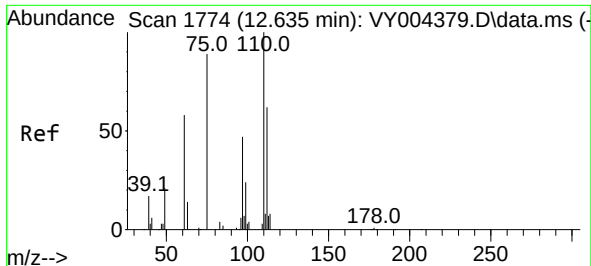
Tgt Ion:	164	Resp:	2085
Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.1	153.1
129	107.4	74.8	112.2
131	86.3	72.2	108.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

Tgt Ion:	152	Resp:	69867
Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.6	88.8
150	159.2	0.0	348.4

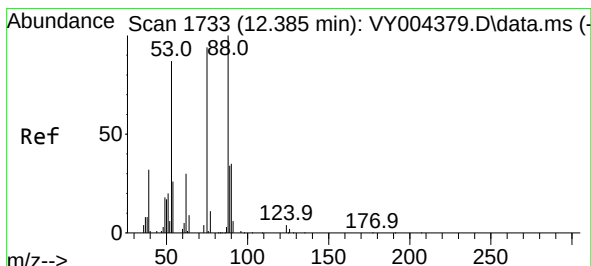
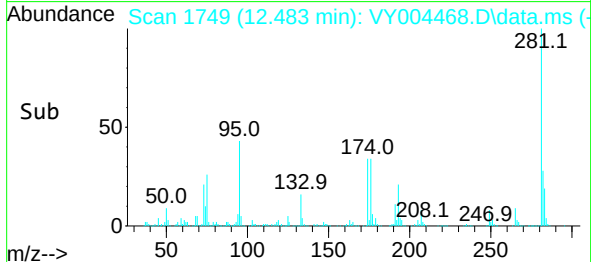
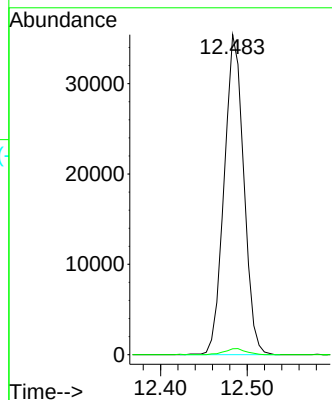
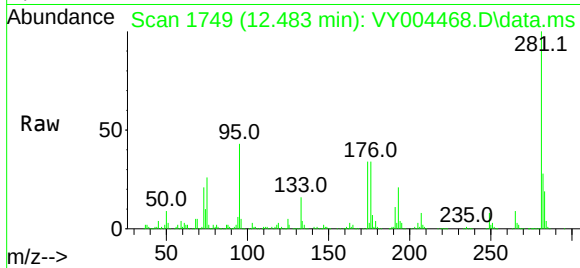




#76
1,2,3-Trichloropropane
Concen: 74.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

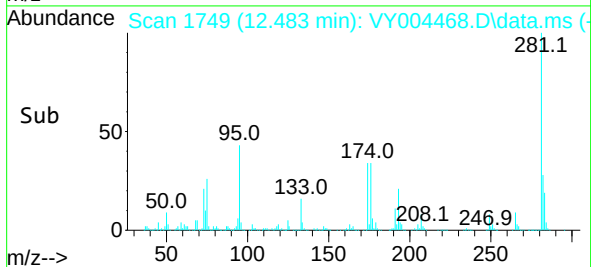
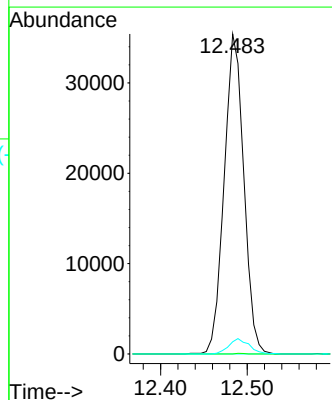
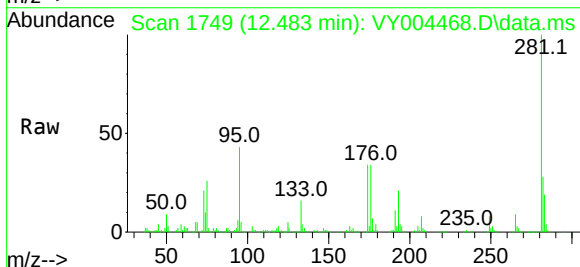
Instrument :
MSVOA_Y
ClientSampled :
TP-8

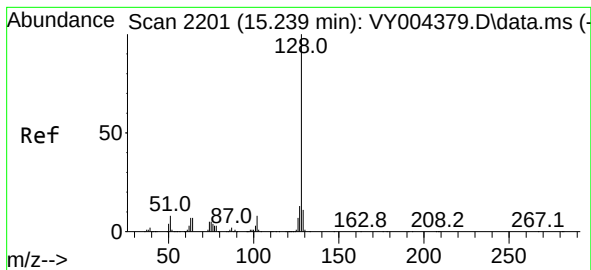
Tgt Ion: 75 Resp: 55750
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.00 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

Tgt Ion: 75 Resp: 55750
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 5.0 36.1 54.1#





#95
Naphthalene
Concen: 2.68 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004468.D
Acq: 16 Apr 2021 14:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-8

Tgt Ion:128 Resp: 7739
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 12.7 8.8 13.2

