

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004585.D
 Acq On : 22 Apr 2021 15:15
 Operator : SY/MD
 Sample : M2111-07RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

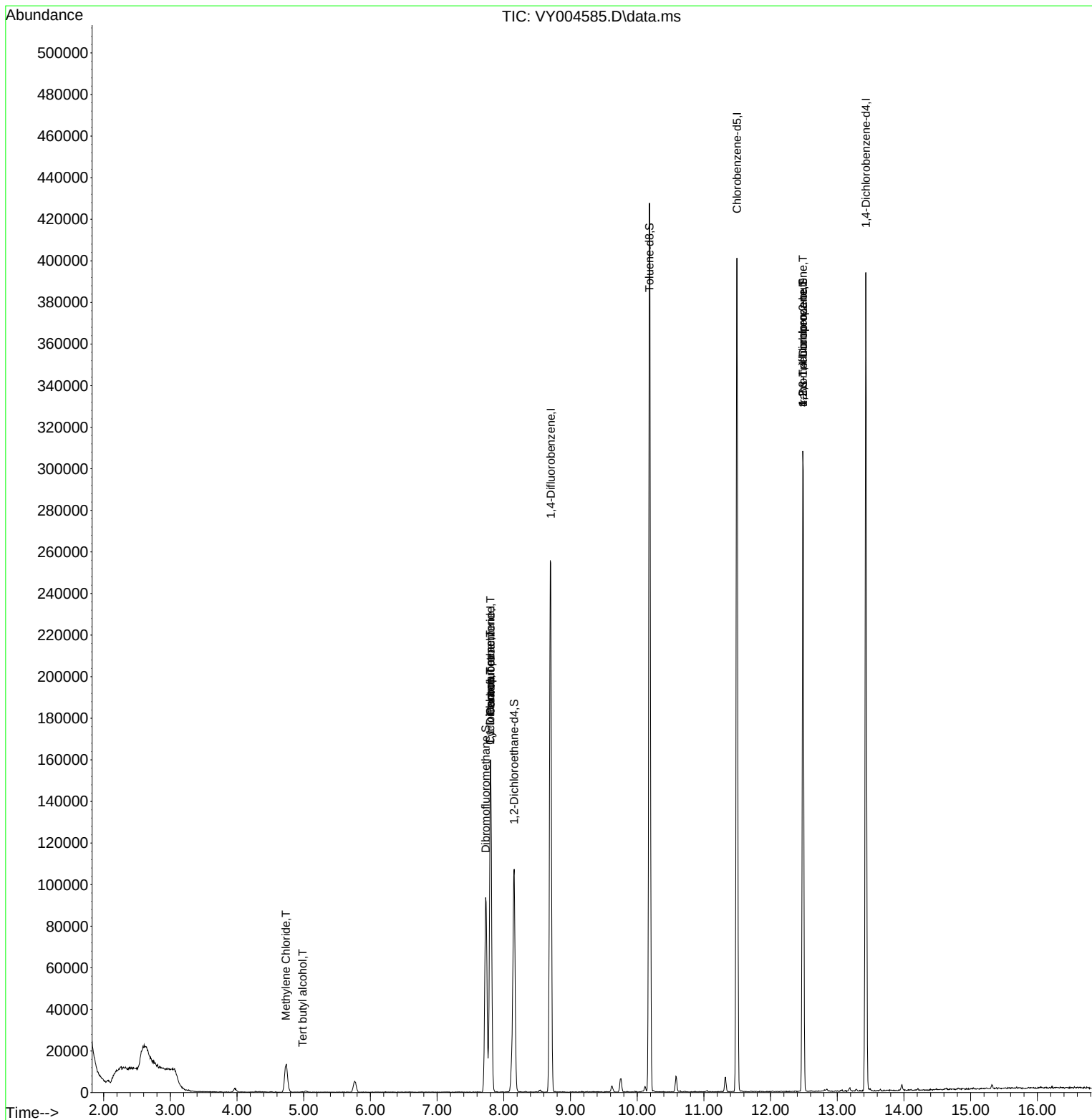
Quant Time: Apr 23 09:20:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

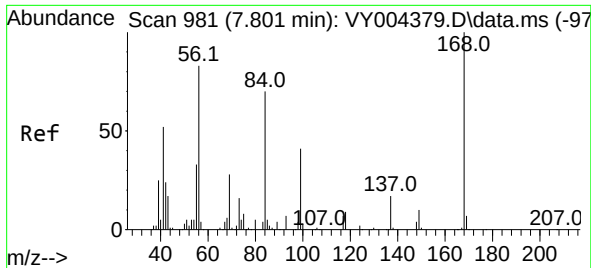
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	118615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	209981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	203069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78930	59.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.78%
35) Dibromofluoromethane	7.728	113	65345	56.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.16%
50) Toluene-d8	10.185	98	262420	52.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.88%
62) 4-Bromofluorobenzene	12.483	95	88093	52.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.74%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	365	2.81	ug/l #	73
16) Acetone	3.967	43	3444	Below	Cal	99
20) Methylene Chloride	4.735	84	9454	7.43	ug/l	97
31) Cyclohexane	7.795	56	3016	1.25	ug/l #	47
36) 1,1-Dichloropropene	7.795	75	9484	4.55	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12069	6.69	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49528	50.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49528	89.99	ug/l #	12

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

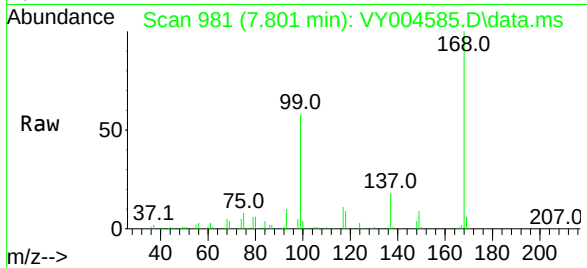
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



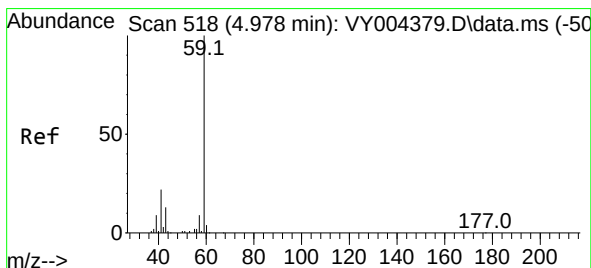
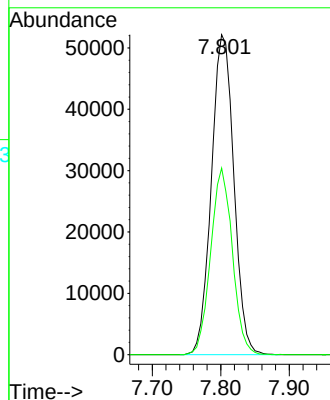
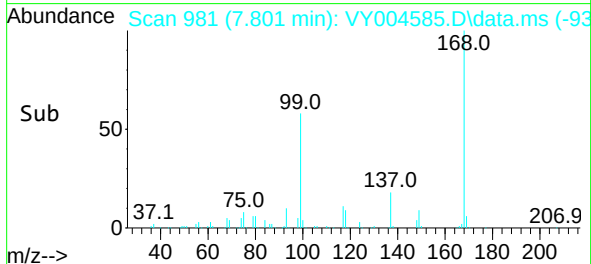


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

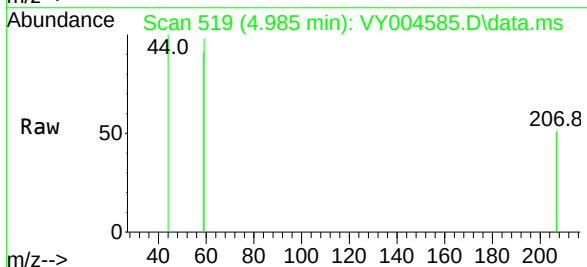
Instrument :
MSVOA_Y
ClientSampleId :



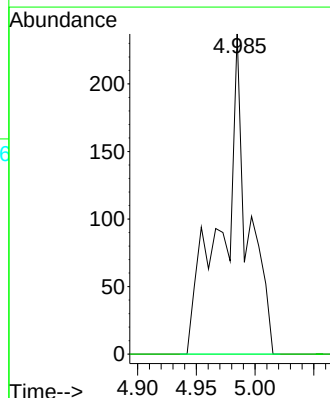
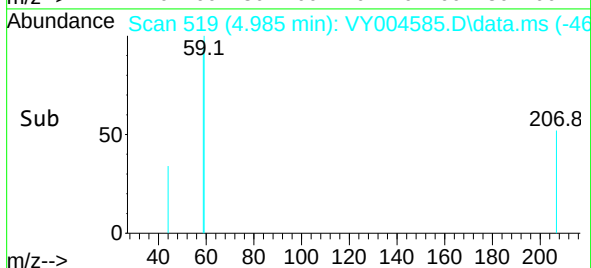
Tgt Ion:168 Resp: 118615
Ion Ratio Lower Upper
168 100
99 58.3 45.5 68.3

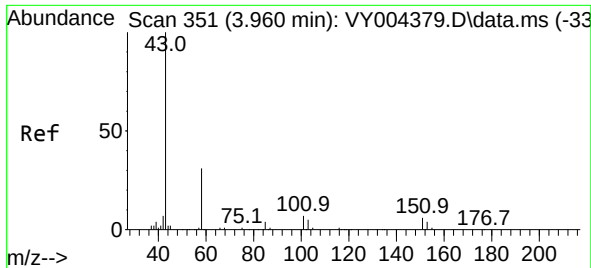


#11
Tert butyl alcohol
Concen: 2.81 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15



Tgt Ion: 59 Resp: 365
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

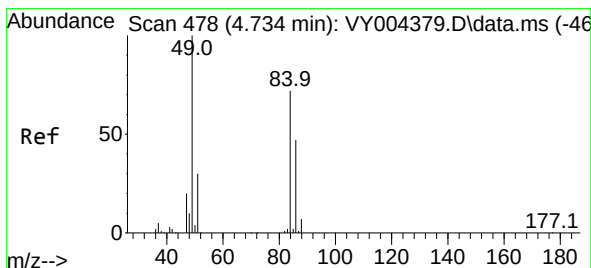
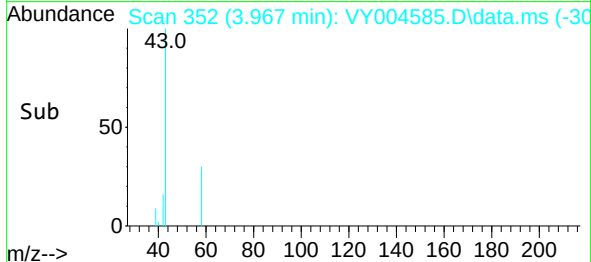
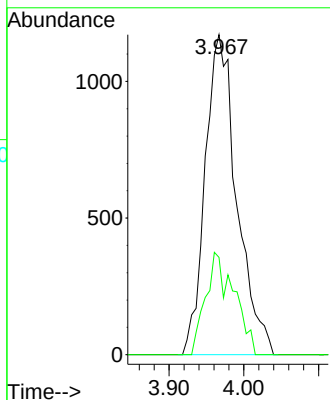
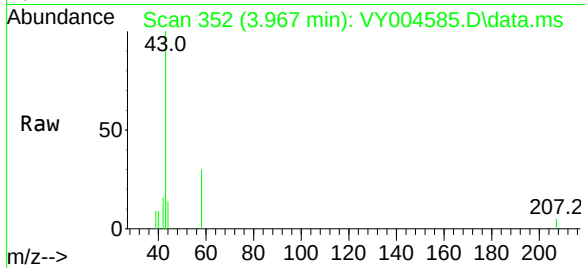




#16
Acetone
Concen: Below Cal
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

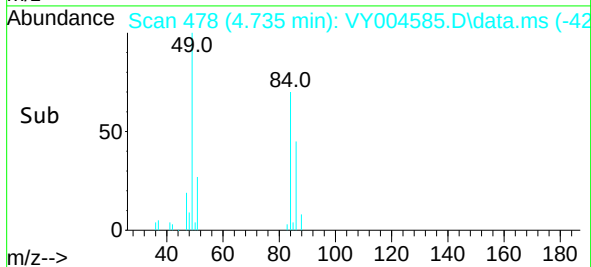
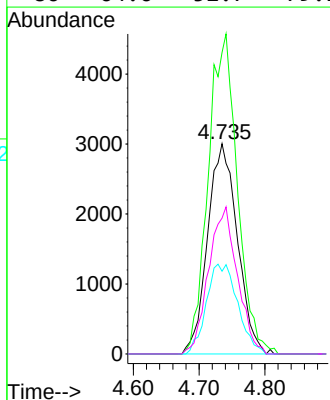
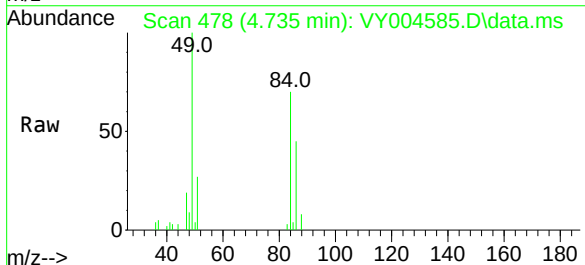
Instrument :
MSVOA_Y
ClientSampled :

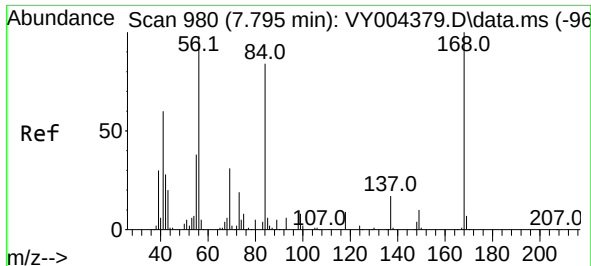
Tgt Ion: 43 Resp: 3444
Ion Ratio Lower Upper
43 100
58 30.4 24.6 37.0



#20
Methylene Chloride
Concen: 7.43 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

Tgt Ion: 84 Resp: 9454
Ion Ratio Lower Upper
84 100
49 143.4 111.2 166.8
51 39.3 33.4 50.2
86 64.6 52.7 79.1

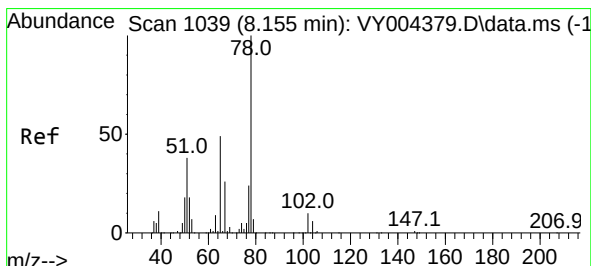
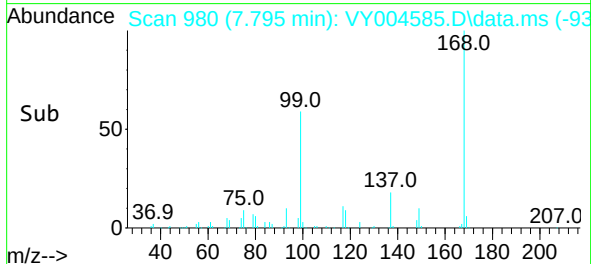
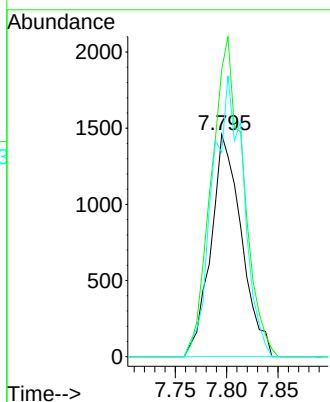
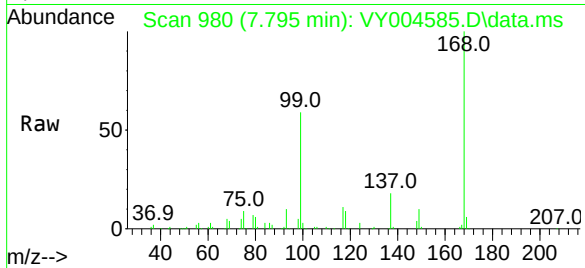




#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

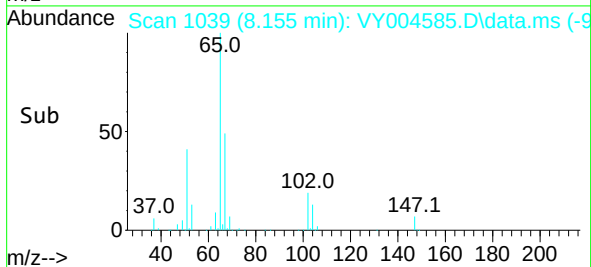
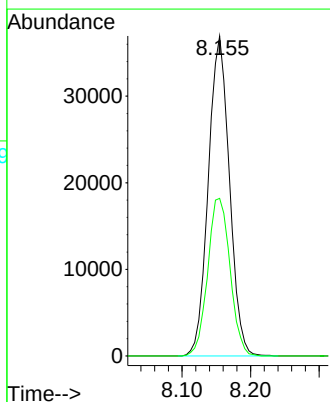
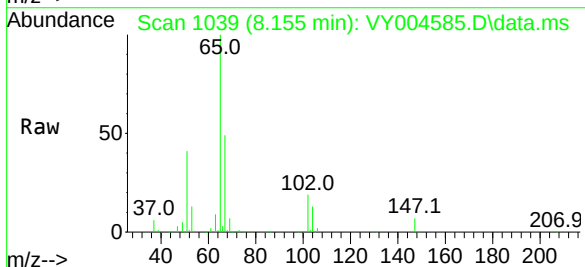
Instrument :
MSVOA_Y
ClientSampleId :

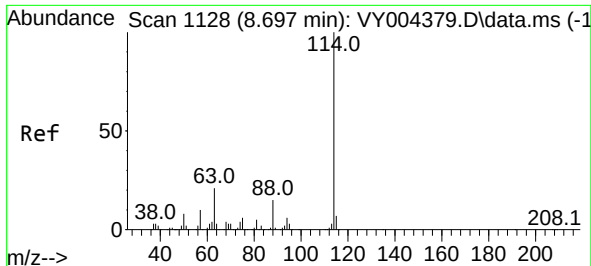
Tgt Ion: 56 Resp: 3016
Ion Ratio Lower Upper
56 100
69 129.2 25.8 38.6#
84 92.0 68.2 102.4



#33
1,2-Dichloroethane-d4
Concen: 59.89 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

Tgt Ion: 65 Resp: 78930
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4

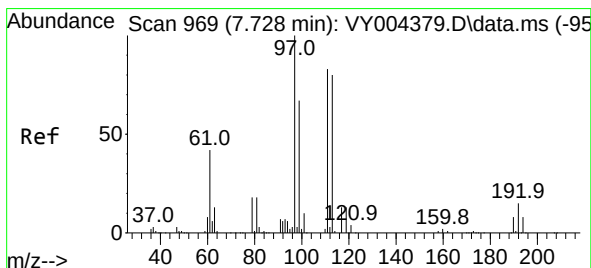
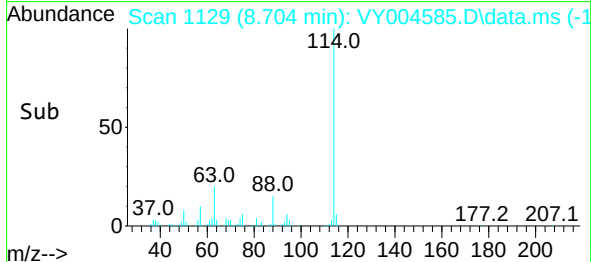
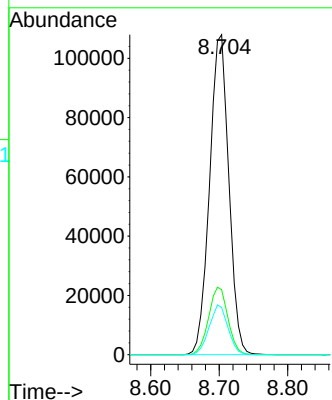
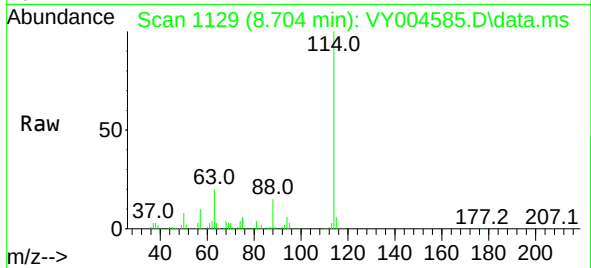




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

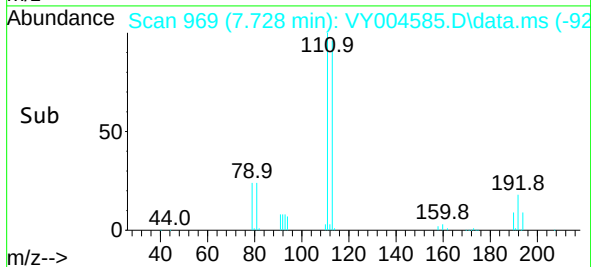
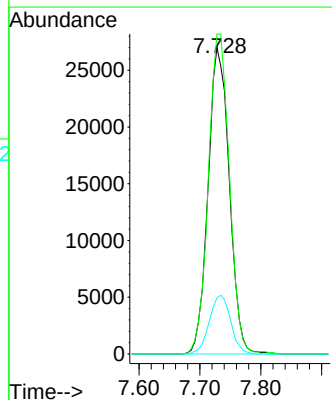
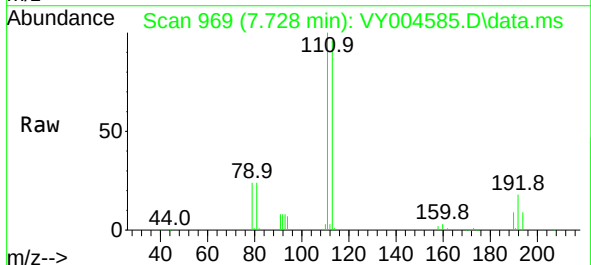
Instrument :
MSVOA_Y
ClientSampled :

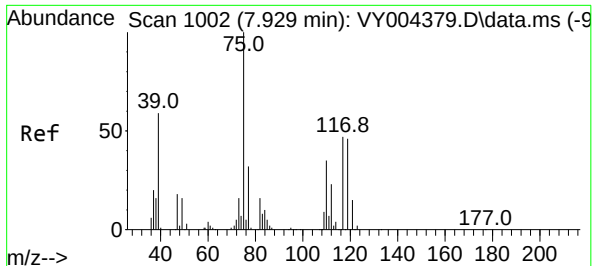
Tgt Ion:114 Resp: 209981
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.08 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

Tgt Ion:113 Resp: 65345
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 19.2 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.55 ug/l

RT: 7.795 min Scan# 980

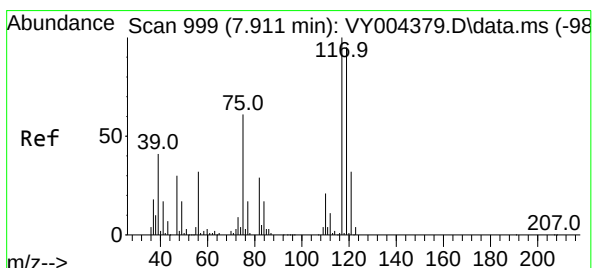
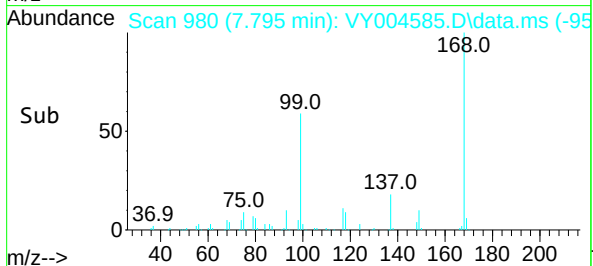
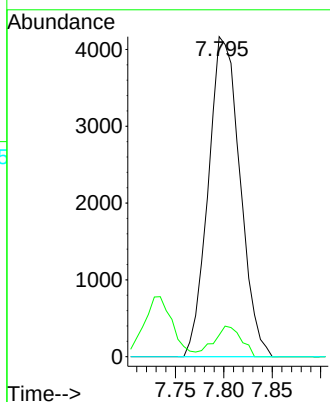
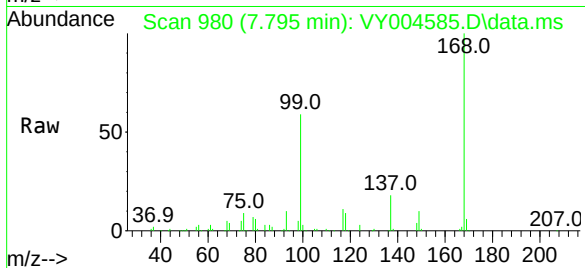
Delta R.T. -0.134 min

Lab File: VY004585.D

Acq: 22 Apr 2021 15:15

Tgt Ion:	75	Resp:	9484
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.69 ug/l

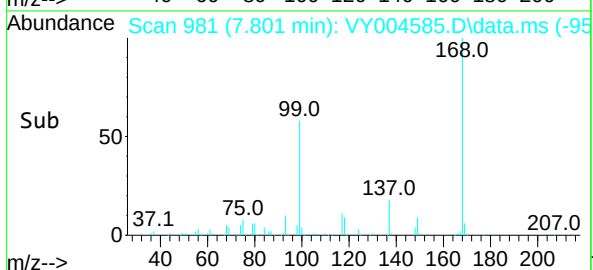
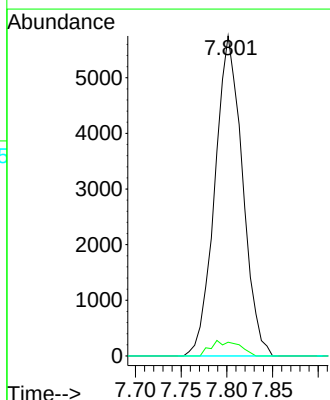
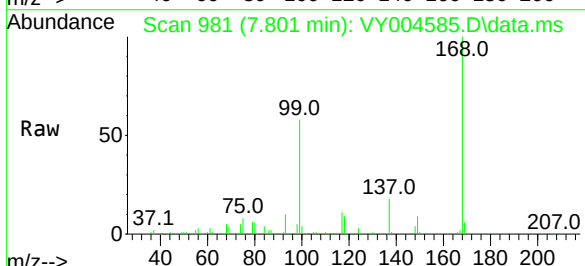
RT: 7.801 min Scan# 981

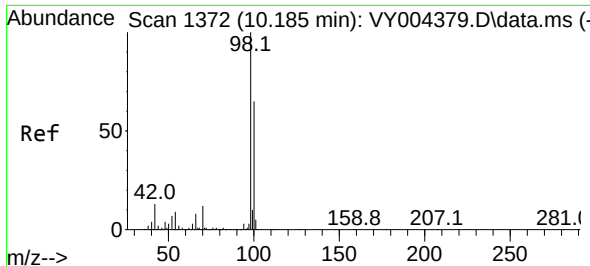
Delta R.T. -0.109 min

Lab File: VY004585.D

Acq: 22 Apr 2021 15:15

Tgt Ion:	117	Resp:	12069
Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.8#
121	0.0	25.3	37.9#

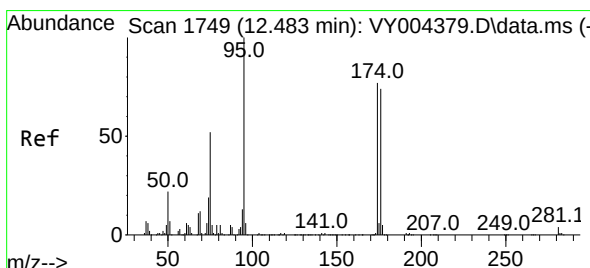
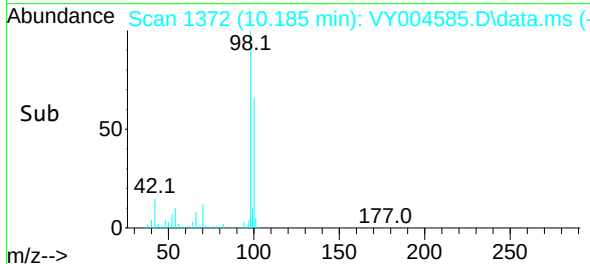
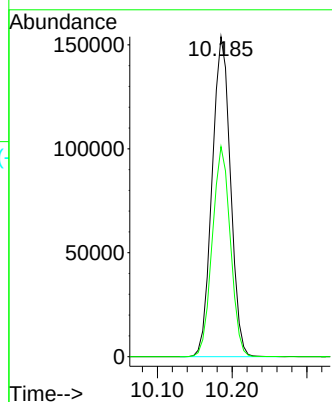
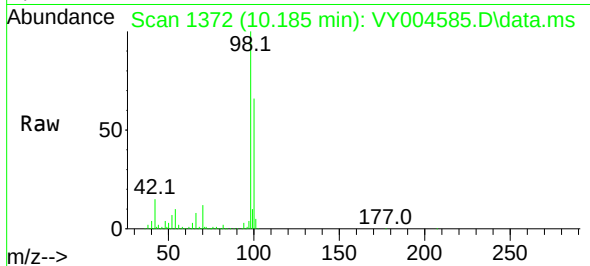




#50
Toluene-d8
Concen: 52.94 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

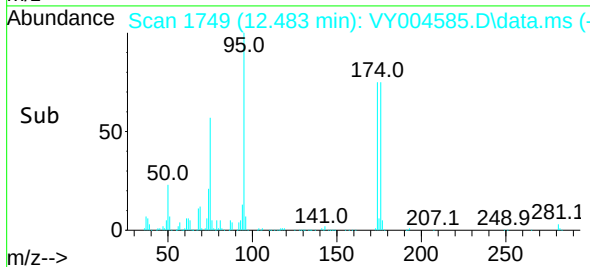
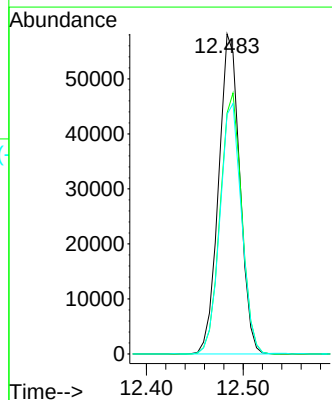
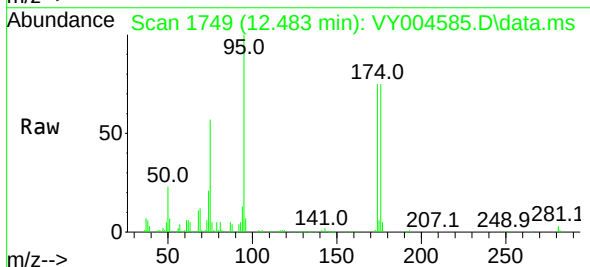
Instrument :
MSVOA_Y
ClientSampled :

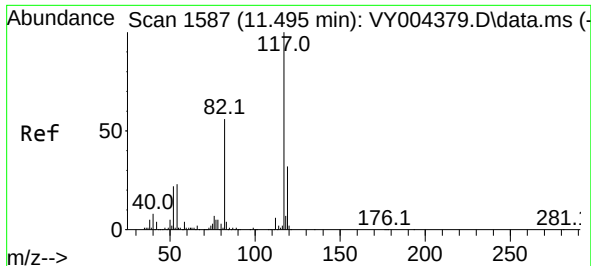
Tgt Ion: 98 Resp: 262420
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.37 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

Tgt Ion: 95 Resp: 88093
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.4
176 80.2 0.0 156.0

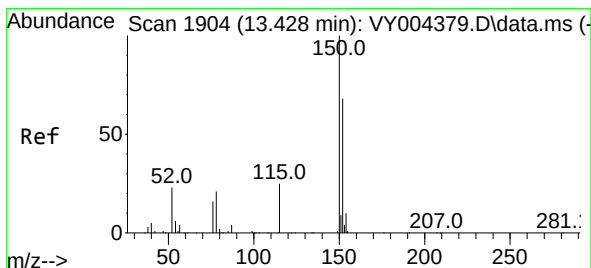
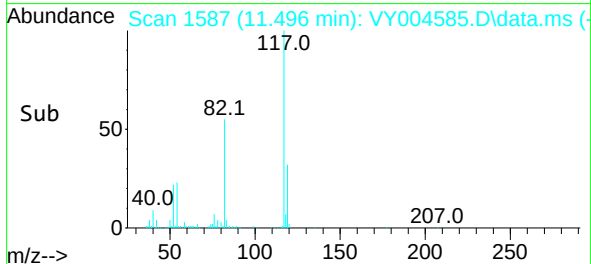
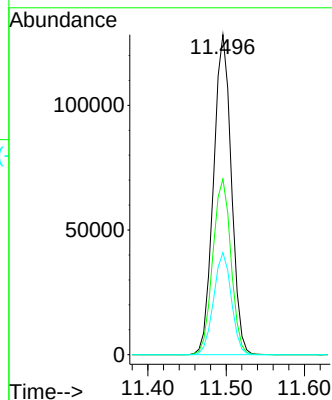
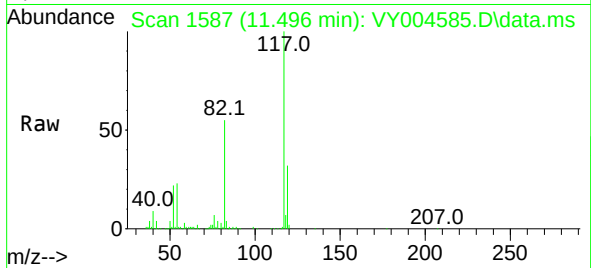




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

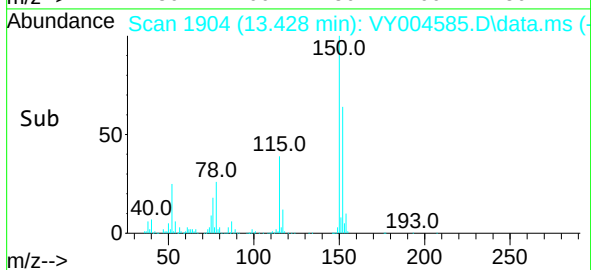
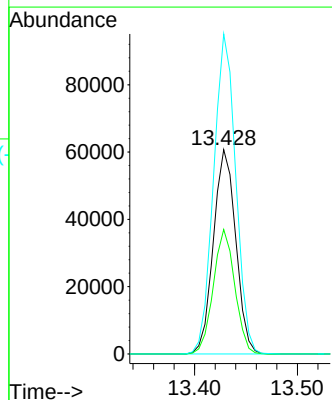
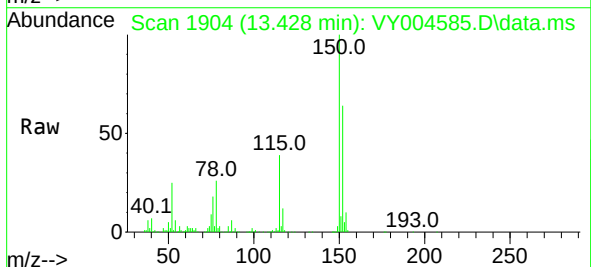
Instrument :
MSVOA_Y
ClientSampled :

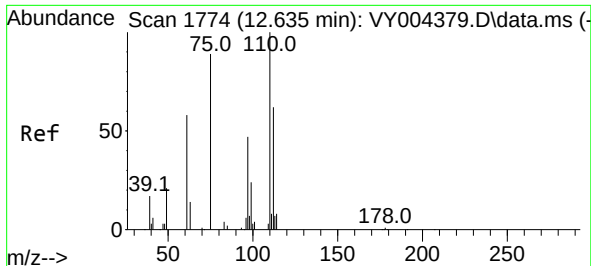
Tgt Ion:117 Resp: 203069
Ion Ratio Lower Upper
117 100
82 54.9 44.9 67.3
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

Tgt Ion:152 Resp: 91733
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.8
150 155.6 0.0 348.4

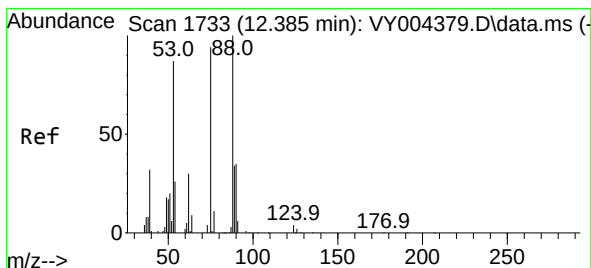
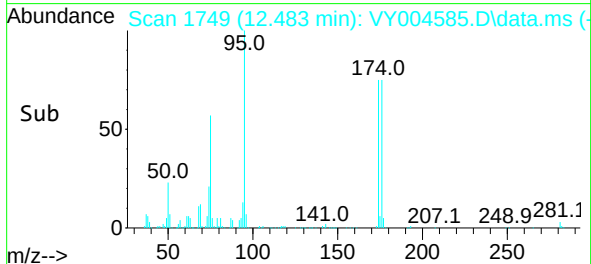
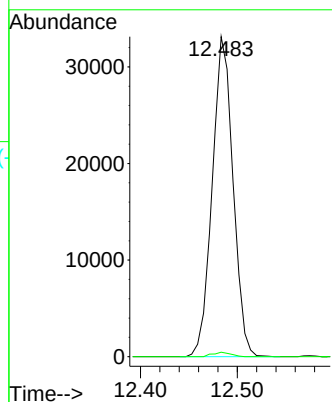
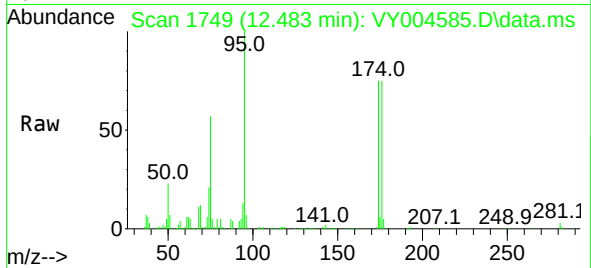




#76
1,2,3-Trichloropropane
Concen: 50.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 49528
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.99 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004585.D
Acq: 22 Apr 2021 15:15

Tgt Ion: 75 Resp: 49528
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

