

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
 Data File : VY004682.D
 Acq On : 30 Apr 2021 13:09
 Operator : SY/MD
 Sample : M2234-02
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1A

Quant Time: May 01 00:39:29 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)

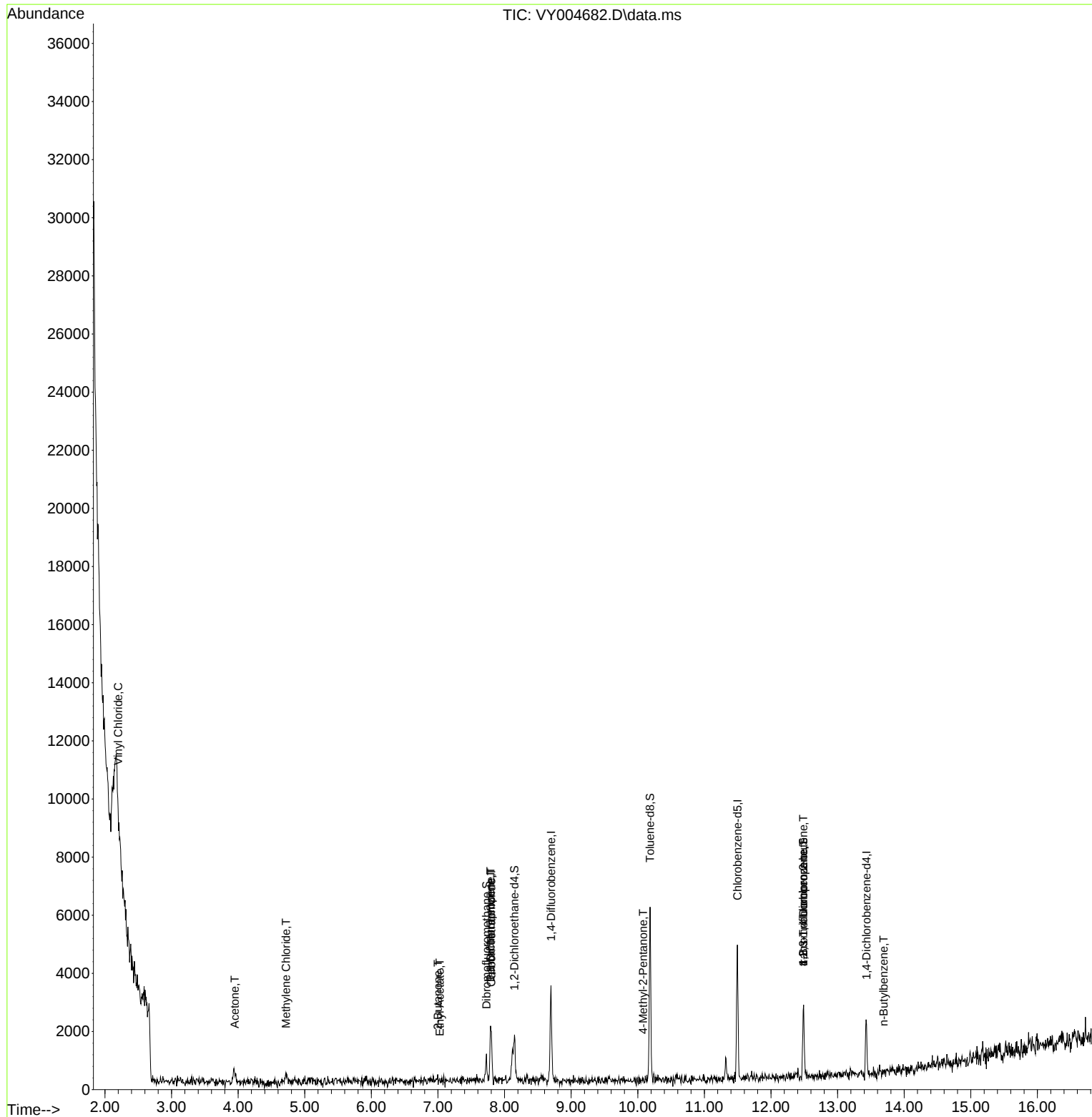
Internal Standards						
1) Pentafluorobenzene	7.789	168	940	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	2879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1028	98.43	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	196.86%#		
35) Dibromofluoromethane	7.728	113	549	34.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	68.72%		
50) Toluene-d8	10.185	98	3889	57.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	114.44%		
62) 4-Bromofluorobenzene	12.483	95	820	35.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	71.12%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.199	62	1413	106.24	ug/l #	43
16) Acetone	3.948	43	753	347.17	ug/l	89
20) Methylene Chloride	4.716	84	195	19.33	ug/l #	61
25) 2-Butanone	6.996	43	106	26.64	ug/l #	50
36) 1,1-Dichloropropene	7.789	75	121	4.23	ug/l #	42
37) Ethyl Acetate	7.027	43	43	2.33	ug/l #	70
38) Carbon Tetrachloride	7.801	117	158	6.39	ug/l #	12
51) 4-Methyl-2-Pentanone	10.081	43	23	1.28	ug/l #	38
76) 1,2,3-Trichloropropane	12.483	75	477	88.18	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	477	157.75	ug/l #	12
89) n-Butylbenzene	13.690	91	43	1.31	ug/l #	33

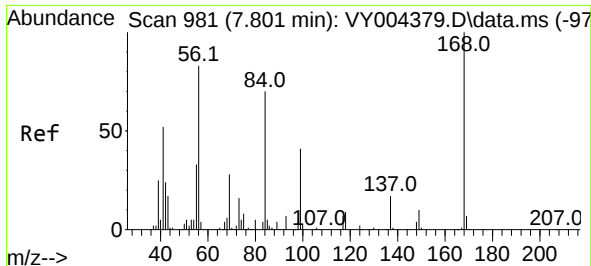
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043021\
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MSVOA_Y
ClientSampleId :
S-1A

Quant Time: May 01 00:39:29 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

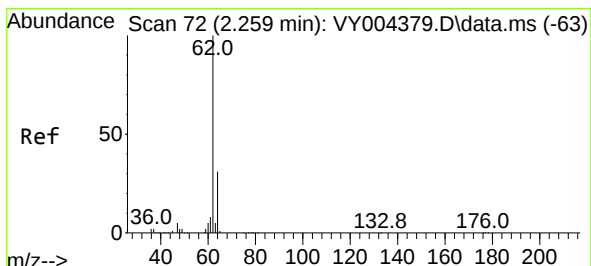
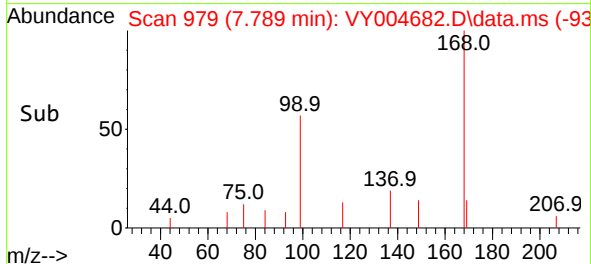
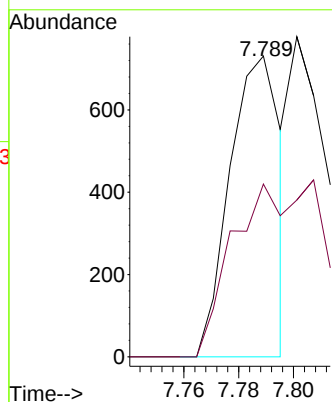
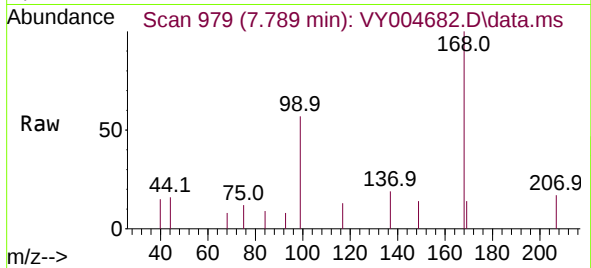




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

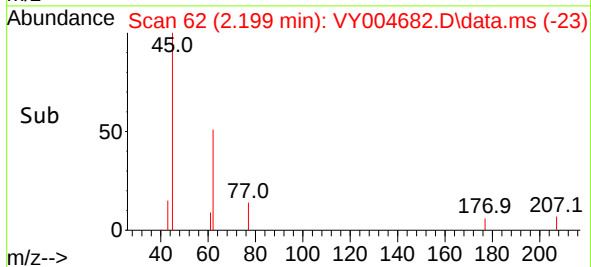
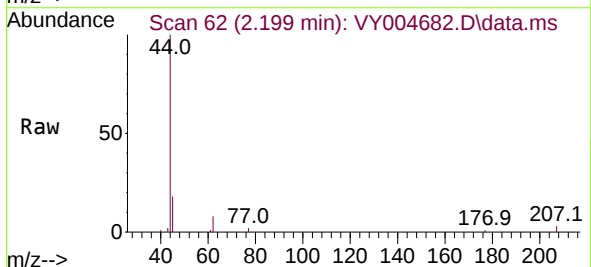
Instrument :
MSVOA_Y
ClientSampled :
S-1A

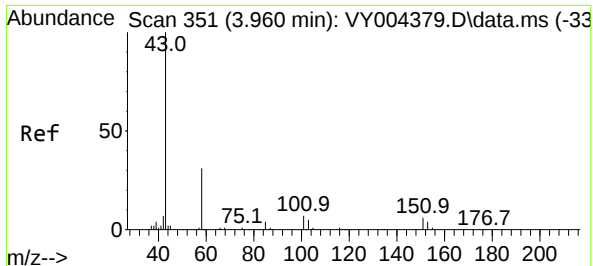
Tgt Ion:168 Resp: 940
Ion Ratio Lower Upper
168 100
99 57.5 45.5 68.3



#4
Vinyl Chloride
Concen: 106.24 ug/l
RT: 2.199 min Scan# 62
Delta R.T. -0.061 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

Tgt Ion: 62 Resp: 1413
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

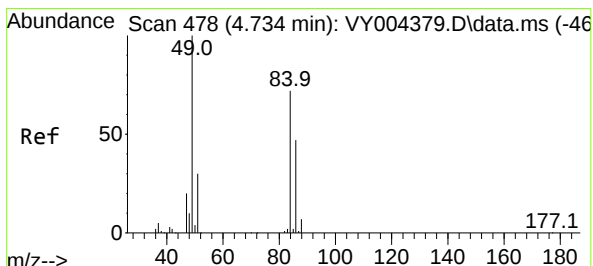
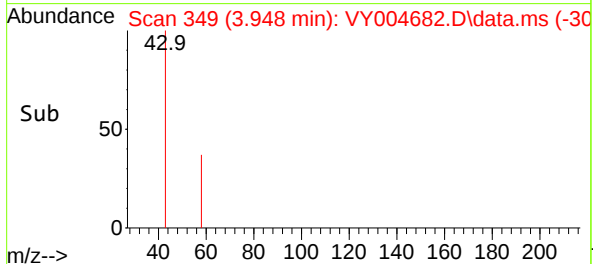
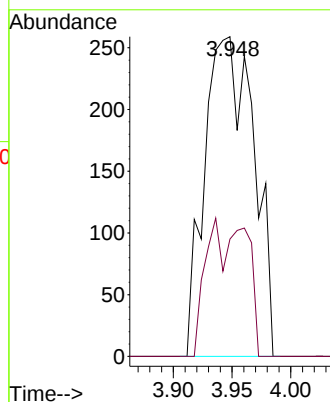
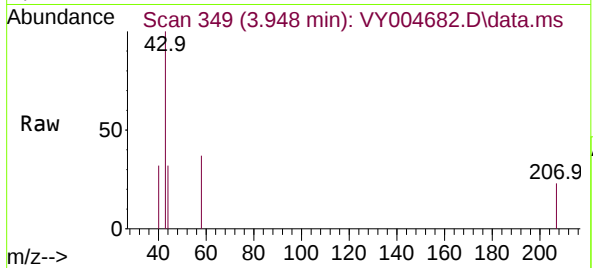




#16
Acetone
Concen: 347.17 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

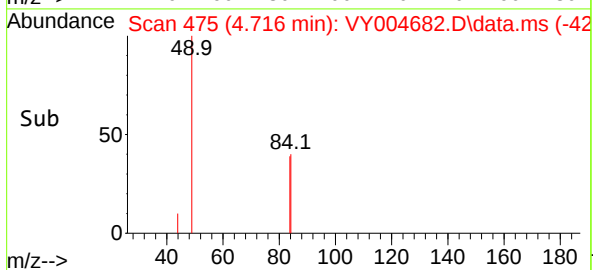
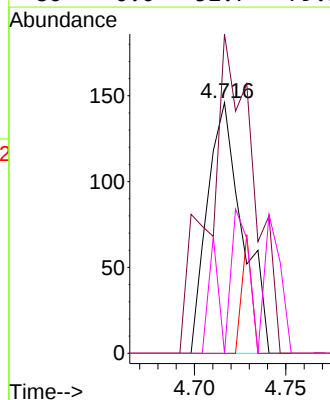
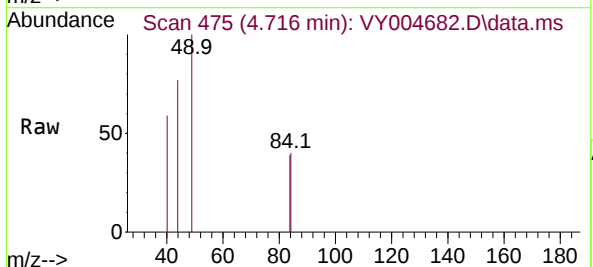
Instrument :
MSVOA_Y
ClientSampled :
S-1A

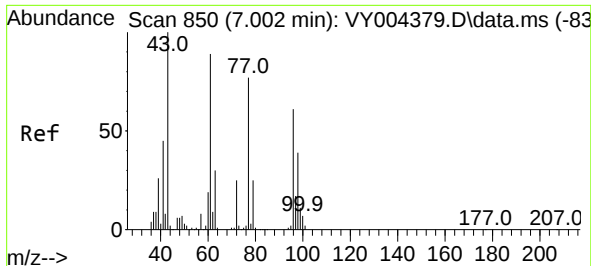
Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
58 36.7 24.6 37.0



#20
Methylene Chloride
Concen: 19.33 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

Tgt Ion: 84 Resp: 195
Ion Ratio Lower Upper
84 100
49 127.4 111.2 166.8
51 0.0 33.4 50.2#
86 0.0 52.7 79.1#

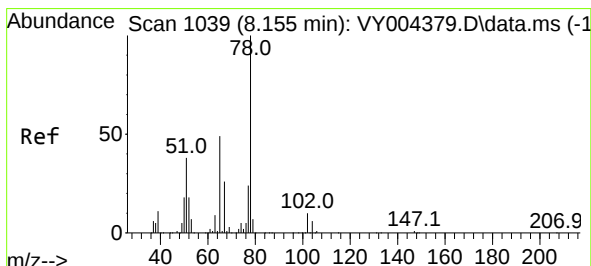
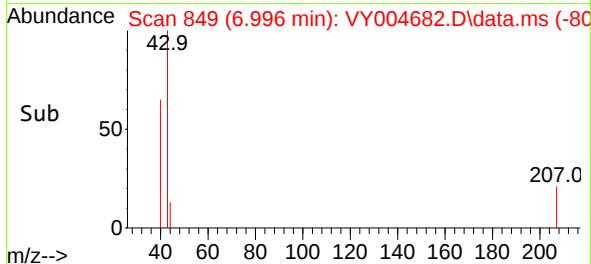
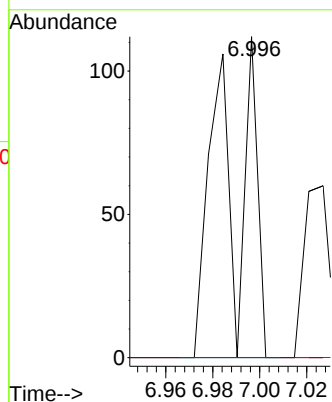
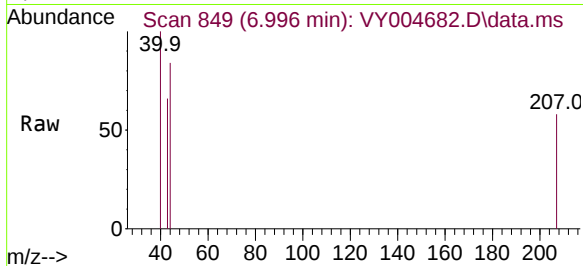




#25
2-Butanone
Concen: 26.64 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

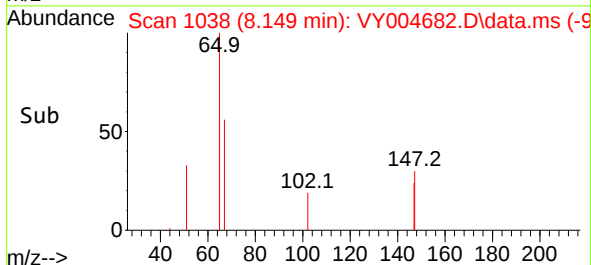
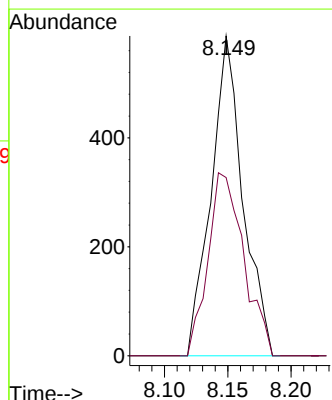
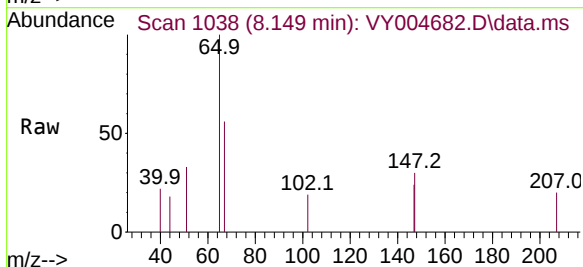
Instrument :
MSVOA_Y
ClientSampled :
S-1A

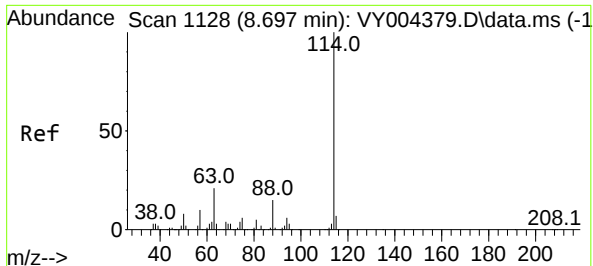
Tgt Ion: 43 Resp: 106
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#33
1,2-Dichloroethane-d4
Concen: 98.43 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

Tgt Ion: 65 Resp: 1028
Ion Ratio Lower Upper
65 100
67 64.1 0.0 106.4

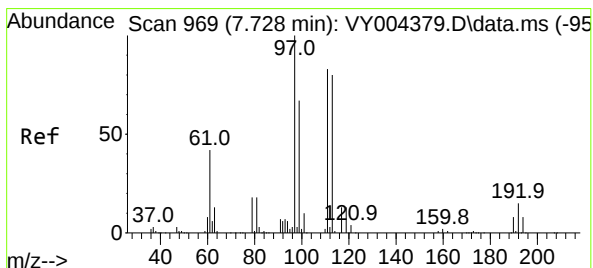
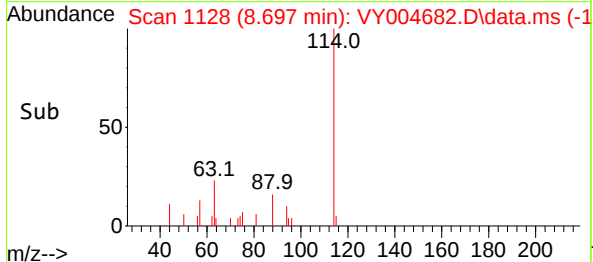
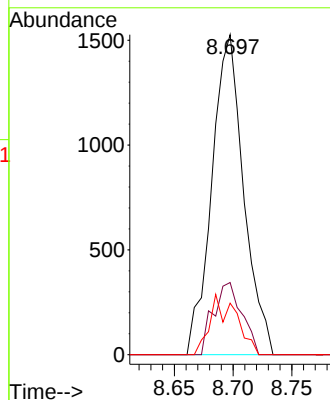
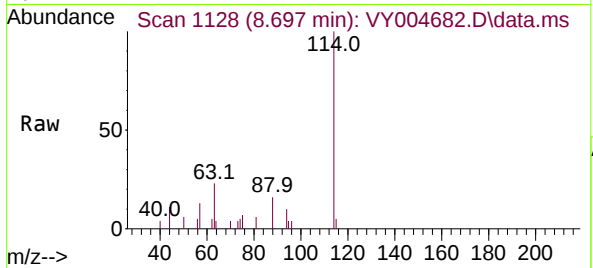




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

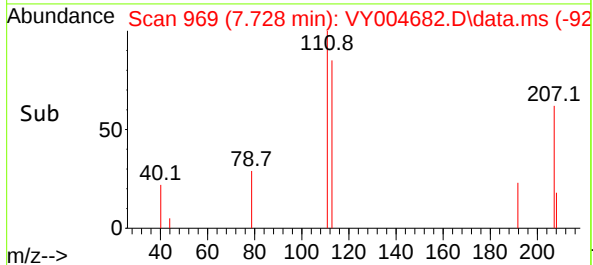
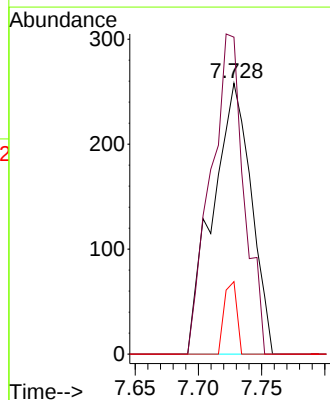
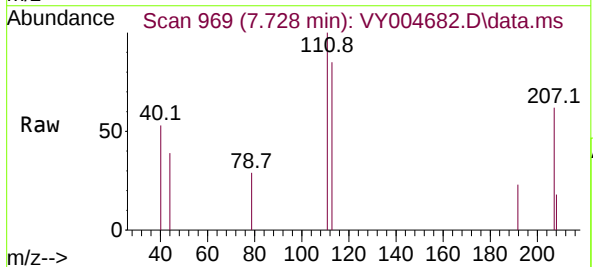
Instrument :
MSVOA_Y
ClientSampled :
S-1A

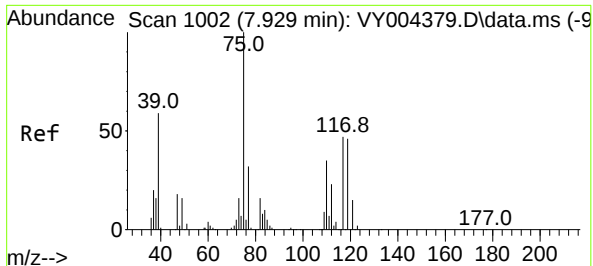
Tgt Ion:114	Resp:	2879
Ion	Ratio	Lower Upper
114	100	
63	22.5	0.0 42.4
88	16.1	0.0 30.8



#35
Dibromofluoromethane
Concen: 34.36 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

Tgt Ion:113	Resp:	549
Ion	Ratio	Lower Upper
113	100	
111	102.0	82.6 123.8
192	8.7	16.1 24.1#





#36

1,1-Dichloropropene

Concen: 4.23 ug/l

RT: 7.789 min Scan# 979

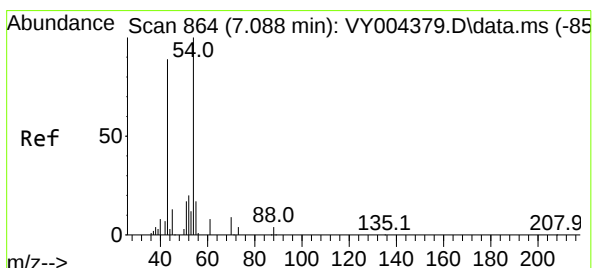
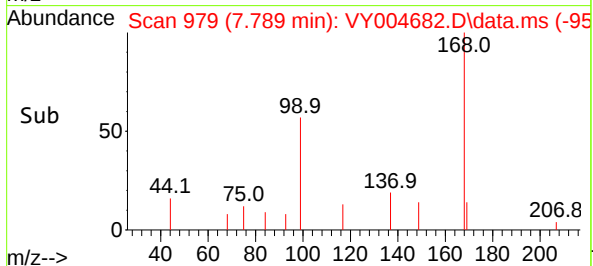
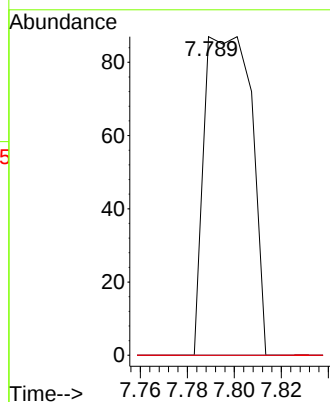
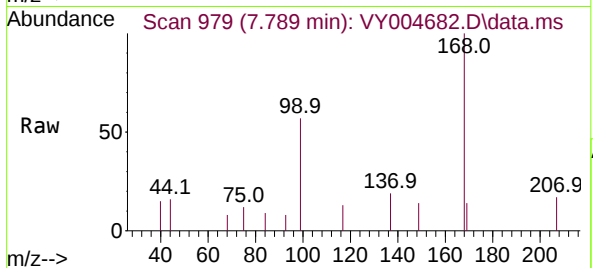
Delta R.T. -0.140 min

Lab File: VY004682.D

Acq: 30 Apr 2021 13:09

Tgt Ion: 75	Resp:	121
Ion Ratio	Lower	Upper
75	100	
110	0.0	17.3
77	0.0	24.3

Instrument :
MSVOA_Y
ClientSampled :
S-1A



#37

Ethyl Acetate

Concen: 2.33 ug/l

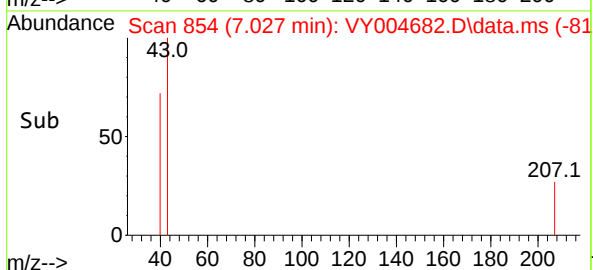
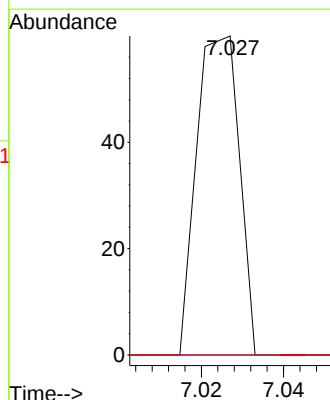
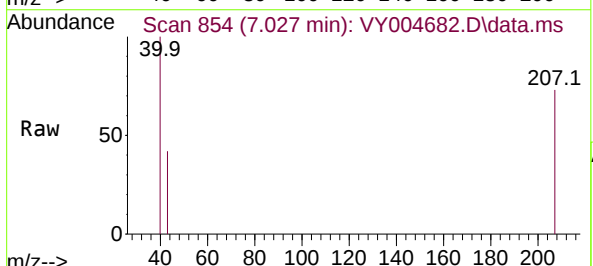
RT: 7.027 min Scan# 854

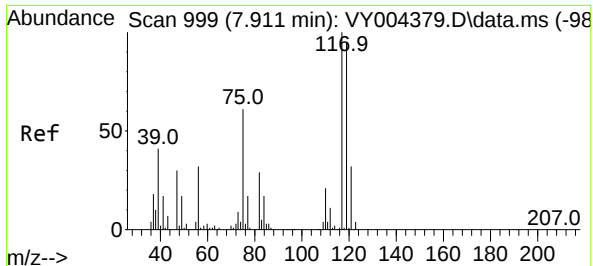
Delta R.T. -0.061 min

Lab File: VY004682.D

Acq: 30 Apr 2021 13:09

Tgt Ion: 43	Resp:	43
Ion Ratio	Lower	Upper
43	100	
61	0.0	10.4
70	0.0	7.5

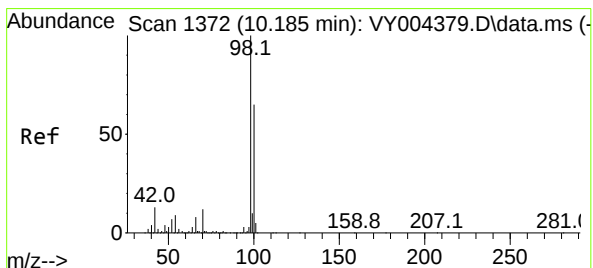
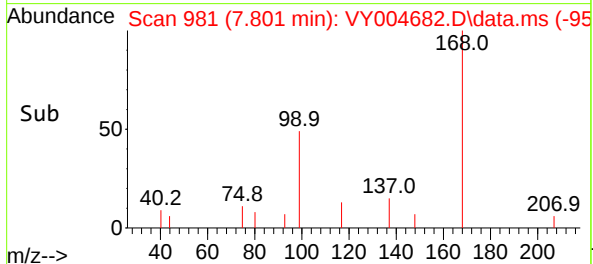
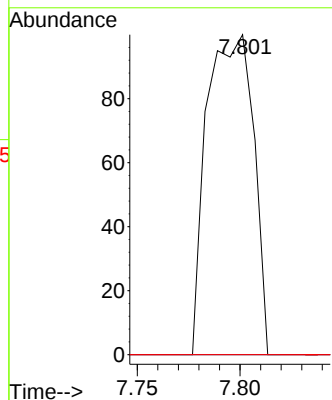
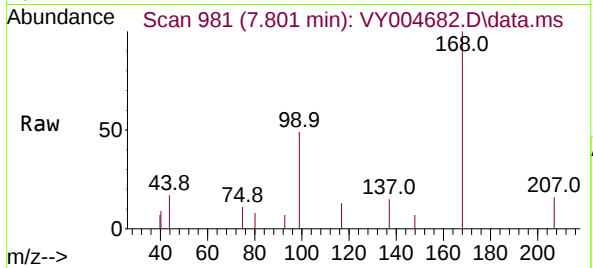




#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

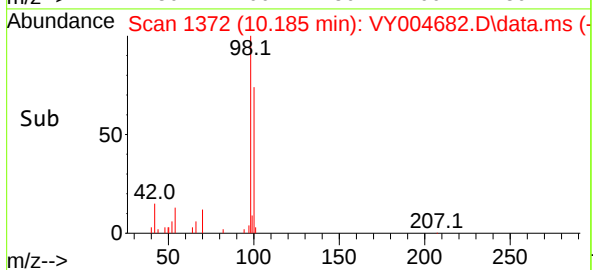
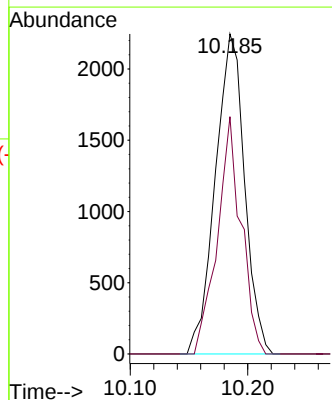
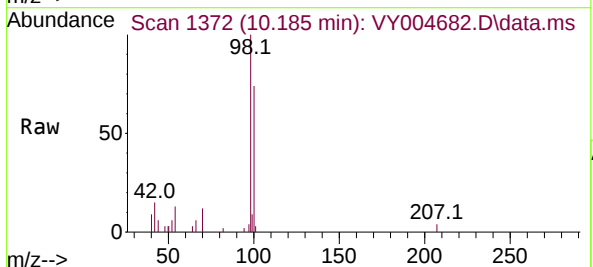
Instrument :
MSVOA_Y
ClientSampleId :
S-1A

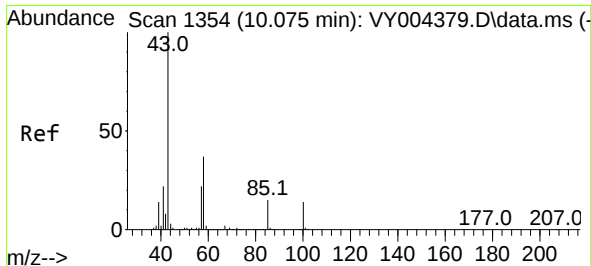
Tgt Ion:117 Resp: 158
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 57.22 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

Tgt Ion: 98 Resp: 3889
Ion Ratio Lower Upper
98 100
100 60.4 51.8 77.6

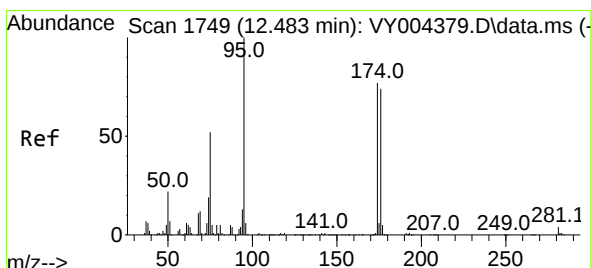
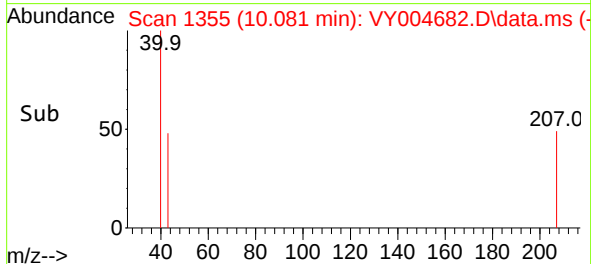
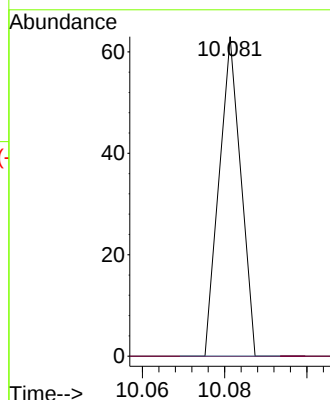
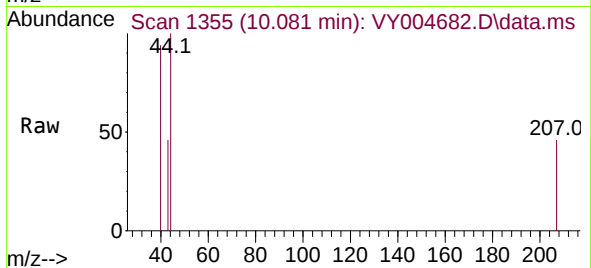




#51
4-Methyl-2-Pentanone
Concen: 1.28 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

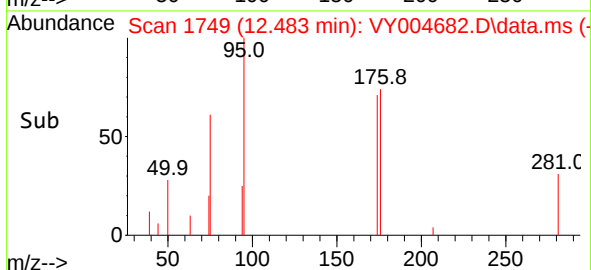
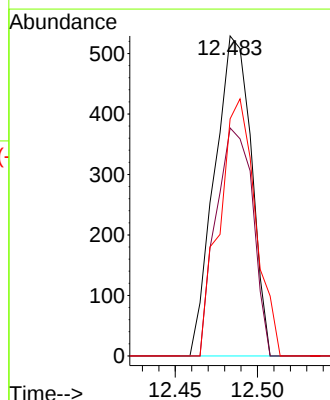
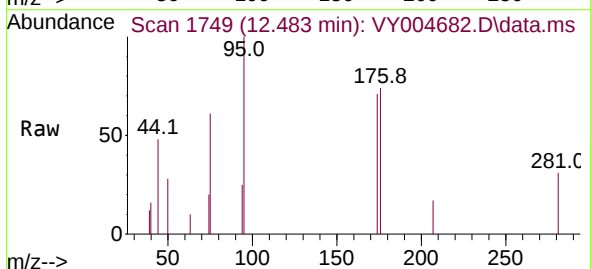
Instrument :
MSVOA_Y
ClientSampleId :
S-1A

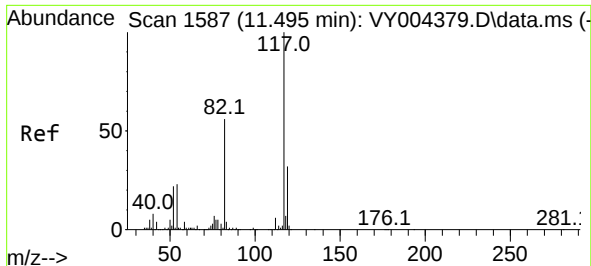
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 35.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

Tgt Ion: 95 Resp: 820
Ion Ratio Lower Upper
95 100
174 71.2 0.0 162.4
176 78.9 0.0 156.0

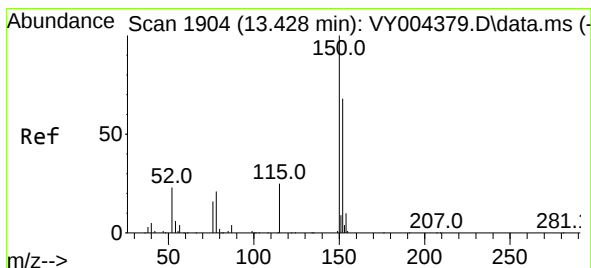
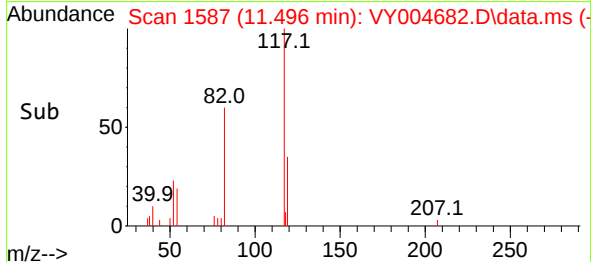
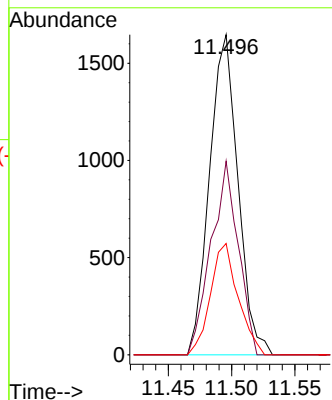
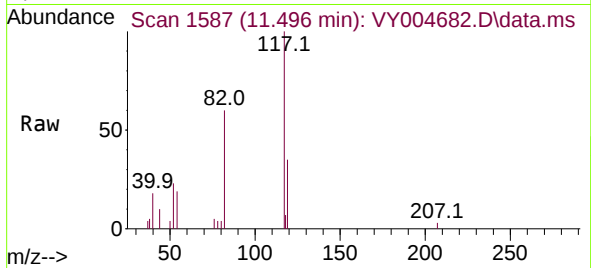




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

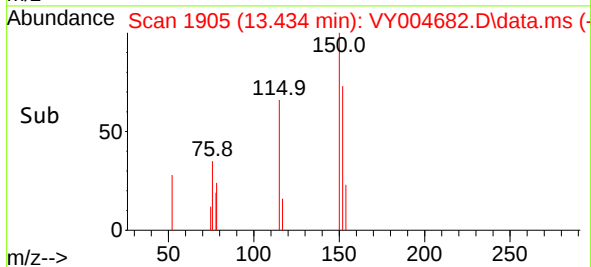
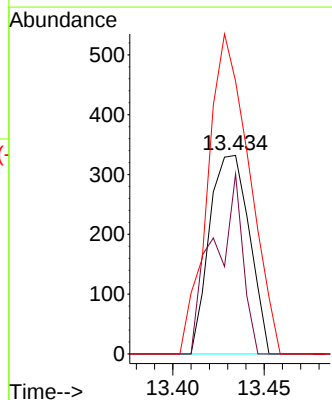
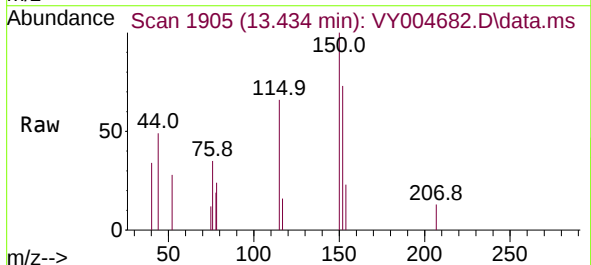
Instrument :
MSVOA_Y
ClientSampled :
S-1A

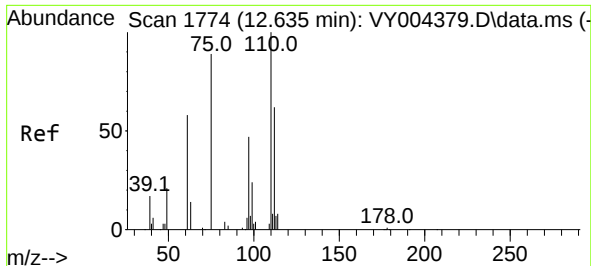
Tgt Ion:	117	Resp:	2575
Ion	Ratio	Lower	Upper
117	100		
82	60.5	44.9	67.3
119	34.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

Tgt Ion:	152	Resp:	504
Ion	Ratio	Lower	Upper
152	100		
115	65.7	29.6	88.8
150	167.7	0.0	348.4

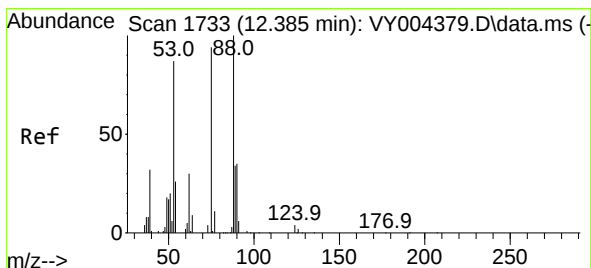
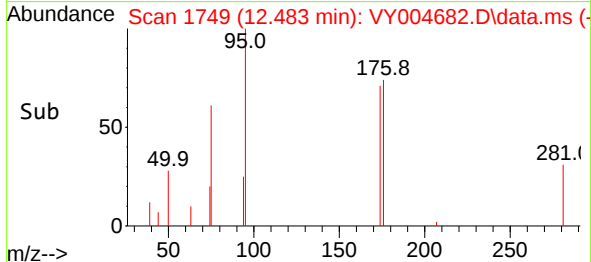
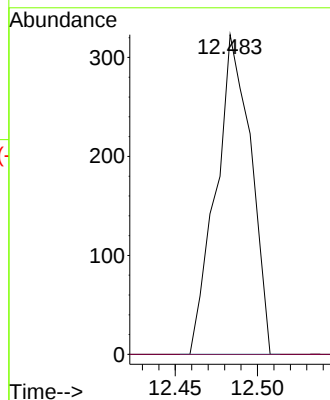
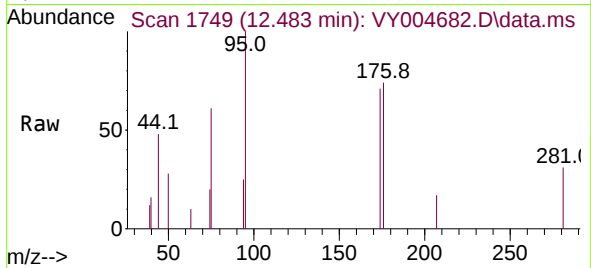




#76
1,2,3-Trichloropropane
Concen: 88.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

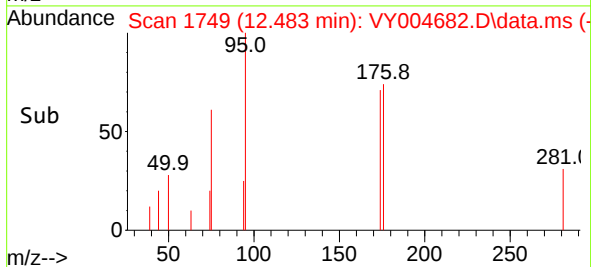
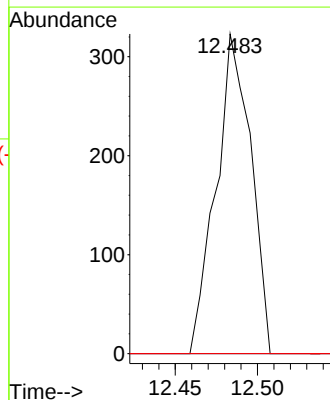
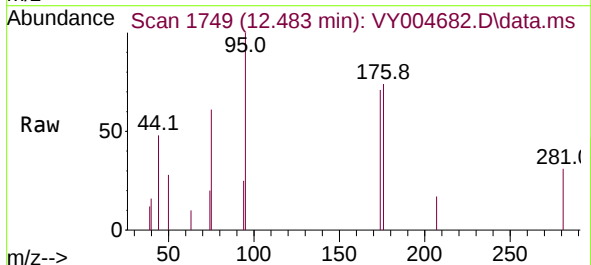
Instrument :
MSVOA_Y
ClientSampleId :
S-1A

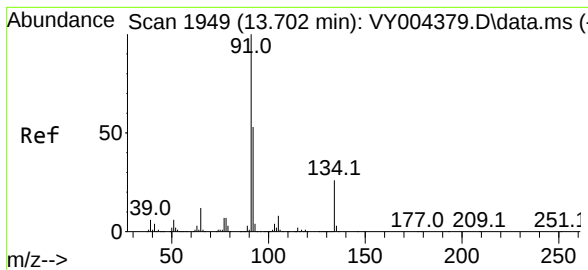
Tgt Ion: 75 Resp: 477
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 157.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004682.D
Acq: 30 Apr 2021 13:09

Tgt Ion: 75 Resp: 477
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#





#89
 n-Butylbenzene
 Concen: 1.31 ug/l
 RT: 13.690 min Scan# 1947
 Delta R.T. -0.012 min
 Lab File: VY004682.D
 Acq: 30 Apr 2021 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1A

Tgt Ion: 91 Resp: 43
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.6 79.8#
 134 0.0 12.7 38.1#

