

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004589.D
 Acq On : 22 Apr 2021 16:48
 Operator : SY/MD
 Sample : M2128-02RE
 Misc : 7.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:21:49 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)

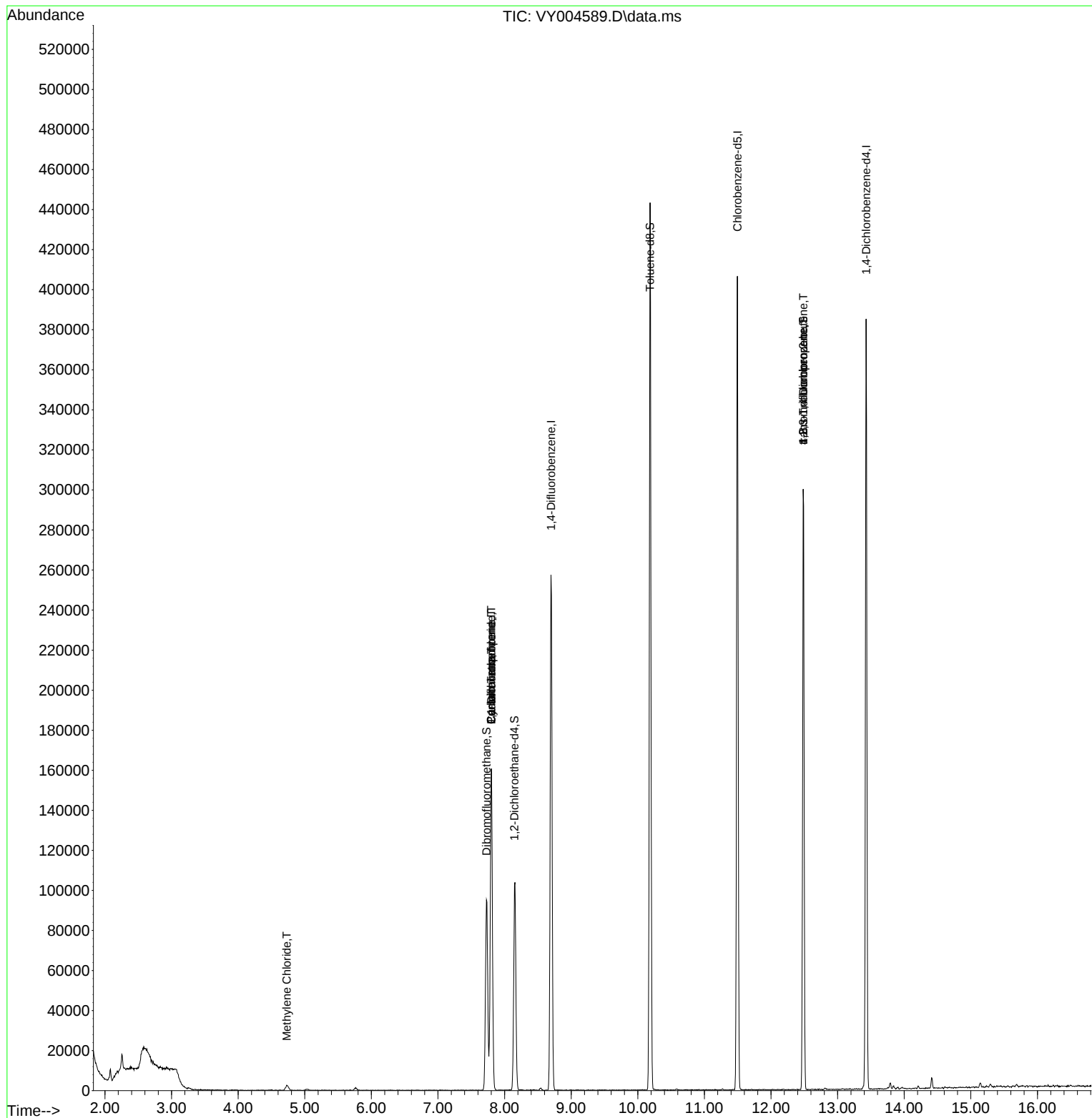
Internal Standards						
1) Pentafluorobenzene	7.801	168	119652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80520	60.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.14%
35) Dibromofluoromethane	7.728	113	66682	56.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.94%
50) Toluene-d8	10.185	98	265908	52.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.88%
62) 4-Bromofluorobenzene	12.483	95	86671	50.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.70%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	369	Below Cal	#	44
20) Methylene Chloride	4.729	84	1669	1.30	ug/l	94
31) Cyclohexane	7.801	56	3013	1.24	ug/l #	28
36) 1,1-Dichloropropene	7.801	75	10109	4.78	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12145	6.64	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49550	50.18	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49550	89.76	ug/l #	12

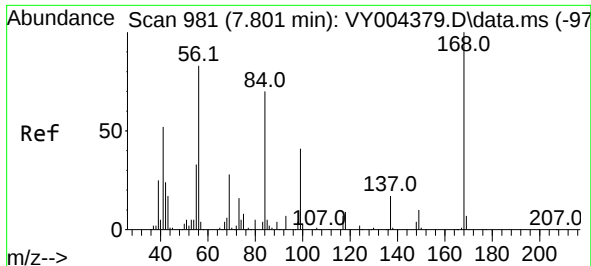
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

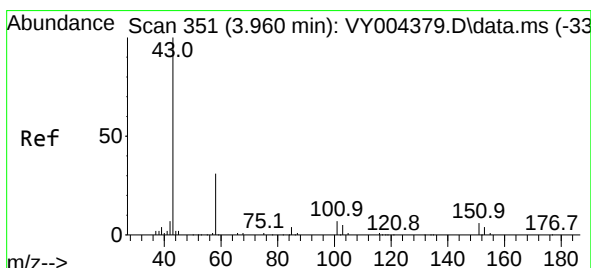
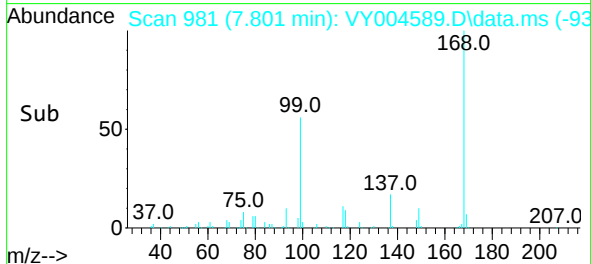
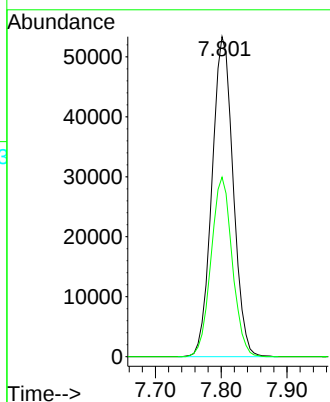
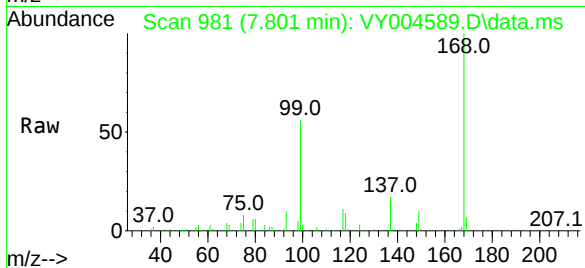




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48

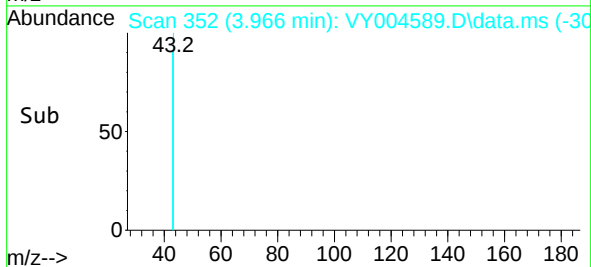
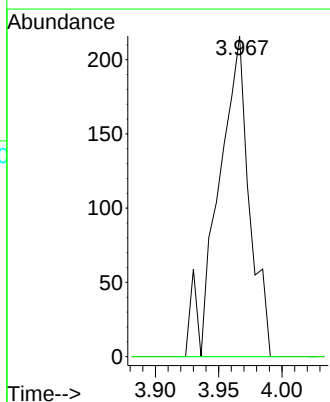
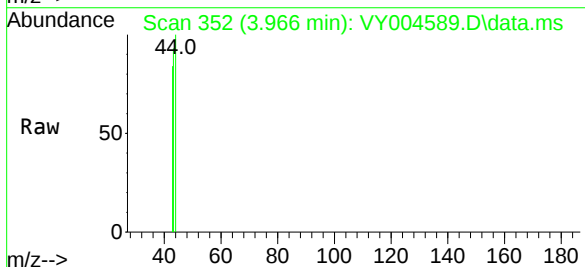
Instrument :
MSVOA_Y
ClientSampled :

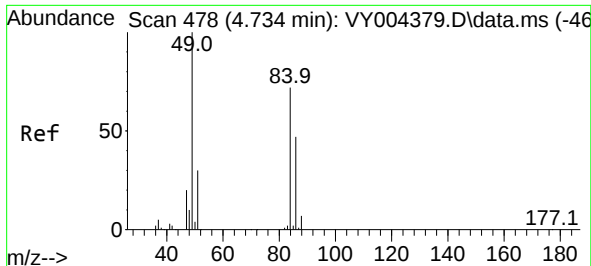
Tgt Ion:168 Resp: 119652
Ion Ratio Lower Upper
168 100
99 56.1 45.5 68.3



#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48

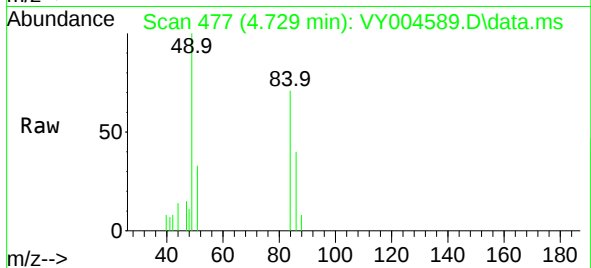
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#





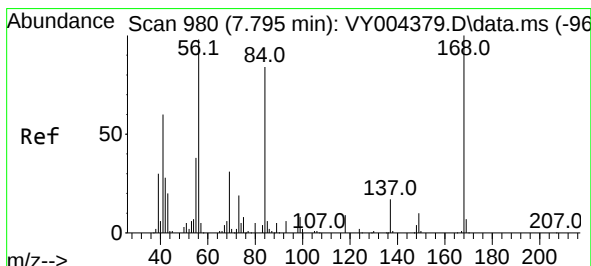
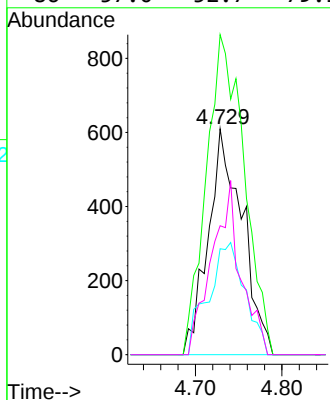
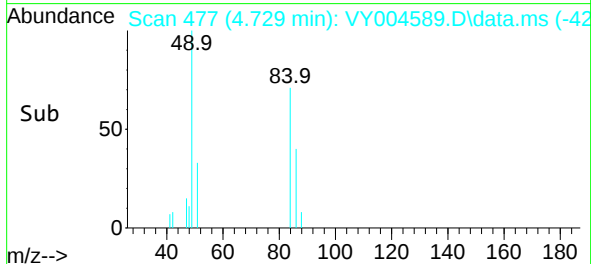
#20
Methylene Chloride
Concen: 1.30 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48

Instrument :
MSVOA_Y
ClientSampled :

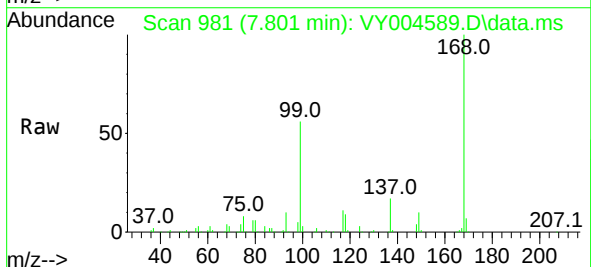


Tgt Ion: 84 Resp: 1669

Ion	Ratio	Lower	Upper
84	100		
49	141.6	111.2	166.8
51	46.9	33.4	50.2
86	57.0	52.7	79.1

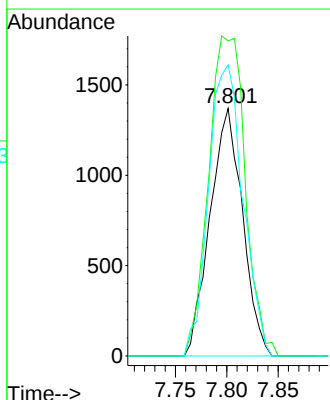
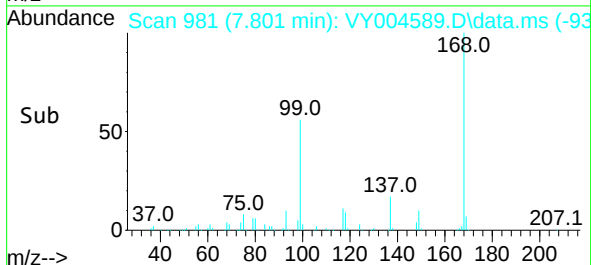


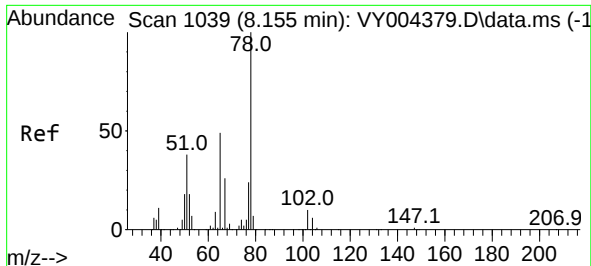
#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48



Tgt Ion: 56 Resp: 3013

Ion	Ratio	Lower	Upper
56	100		
69	127.3	25.8	38.6#
84	117.6	68.2	102.4#

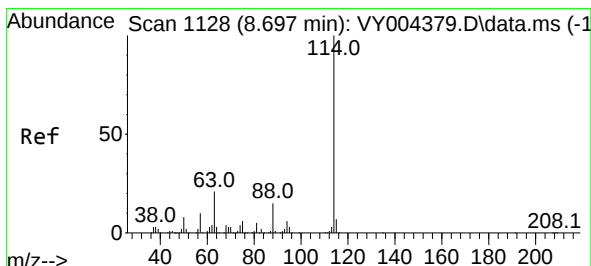
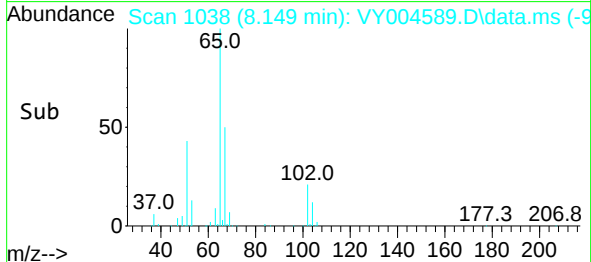
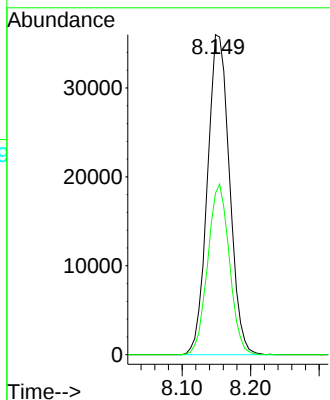
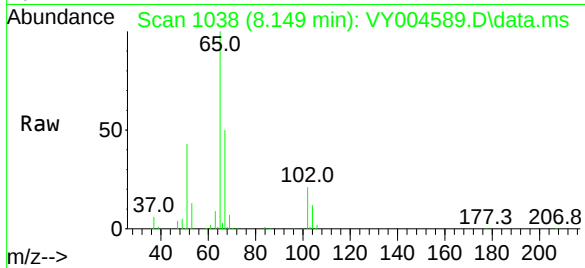




#33
 1,2-Dichloroethane-d4
 Concen: 60.57 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004589.D
 Acq: 22 Apr 2021 16:48

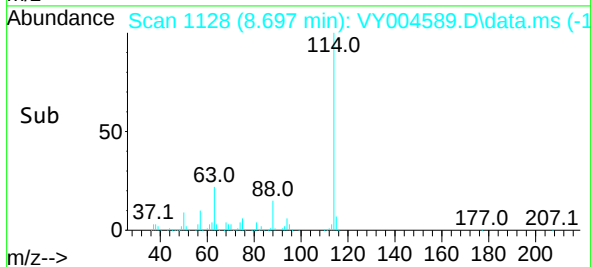
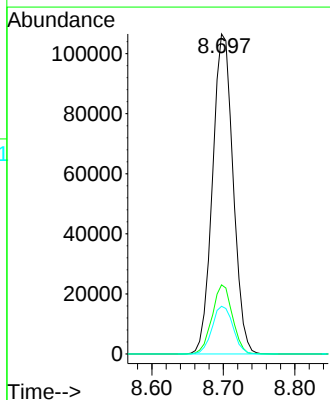
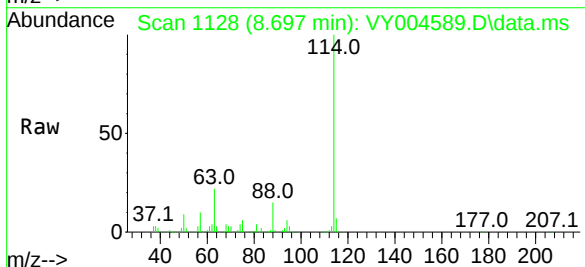
Instrument :
 MSVOA_Y
 ClientSampleId :

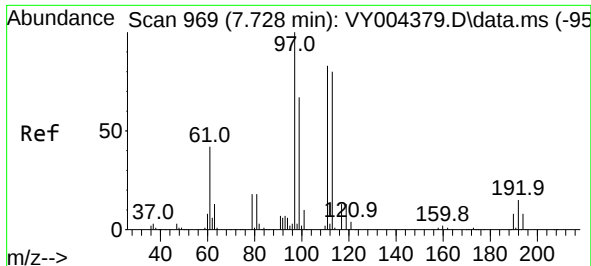
Tgt Ion: 65 Resp: 80520
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004589.D
 Acq: 22 Apr 2021 16:48

Tgt Ion: 114 Resp: 212775
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 14.9 0.0 30.8

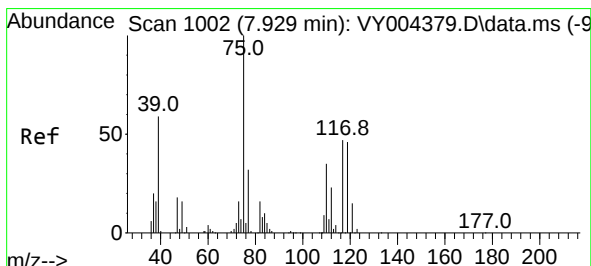
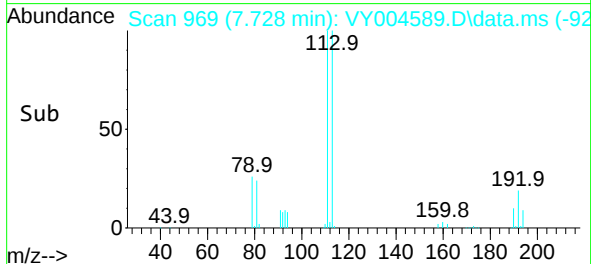
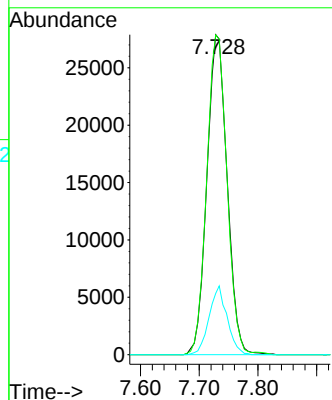
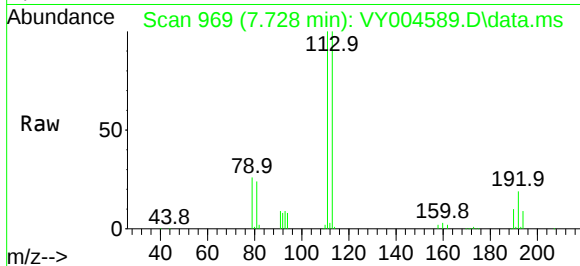




#35
Dibromofluoromethane
Concen: 56.47 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48

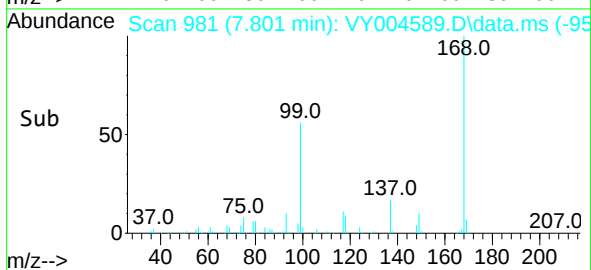
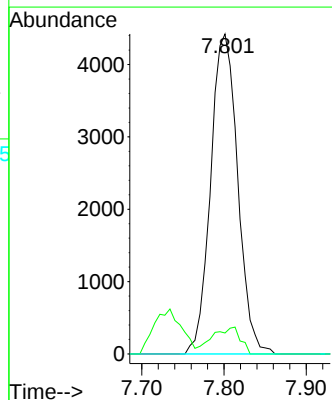
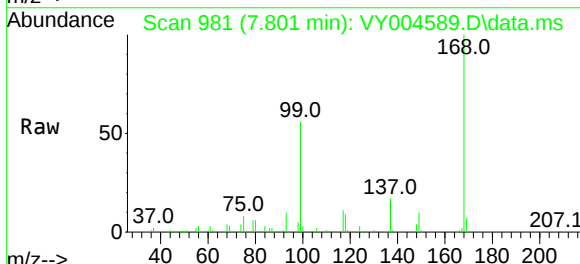
Instrument :
MSVOA_Y
ClientSampleId :

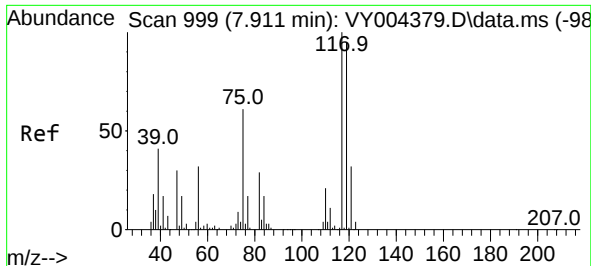
Tgt Ion:113 Resp: 66682
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 19.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48

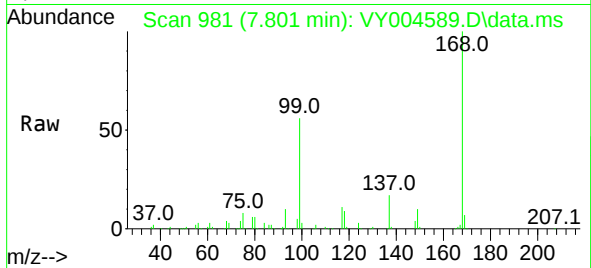
Tgt Ion: 75 Resp: 10109
Ion Ratio Lower Upper
75 100
110 8.4 17.3 51.7#
77 0.0 24.3 36.5#



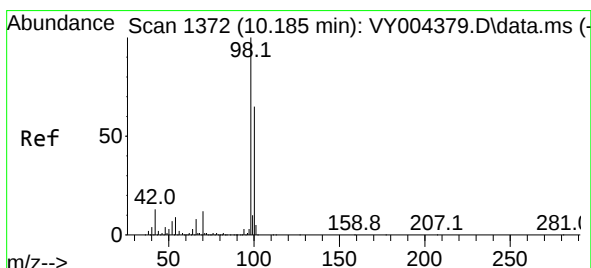
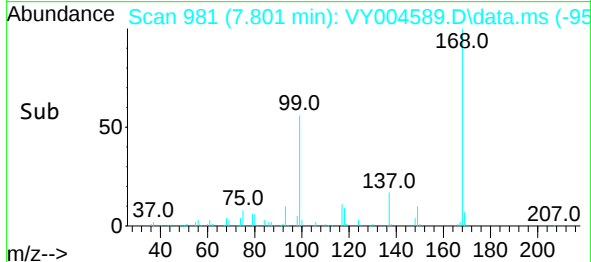
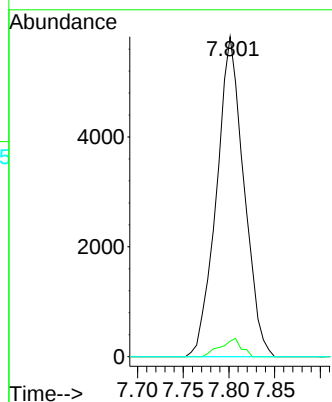


#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48

Instrument :
MSVOA_Y
ClientSampleId :

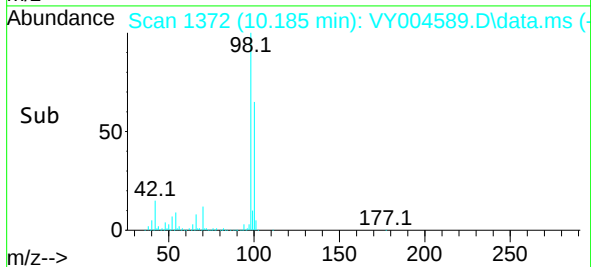
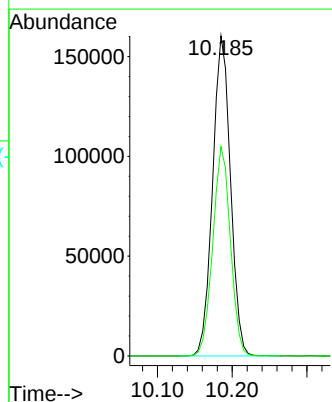
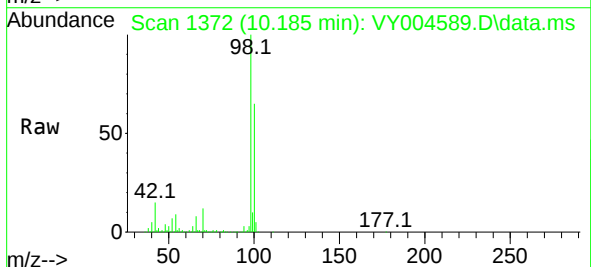


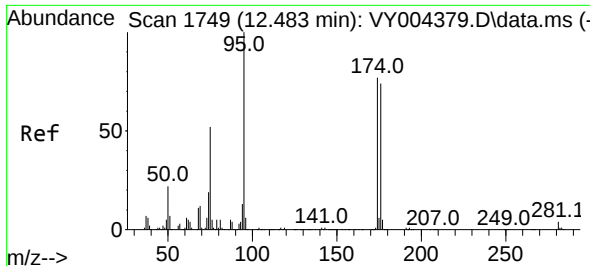
Tgt Ion:117 Resp: 12145
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.94 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48

Tgt Ion: 98 Resp: 265908
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

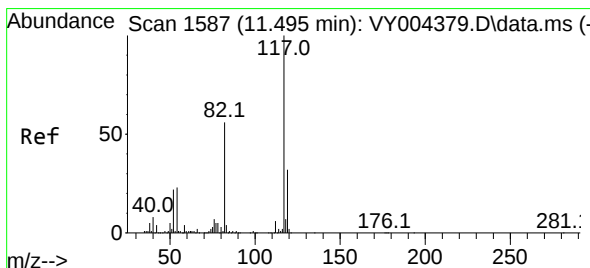
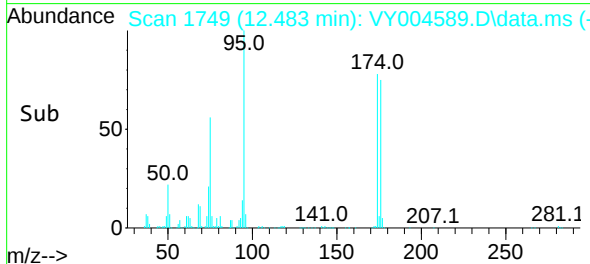
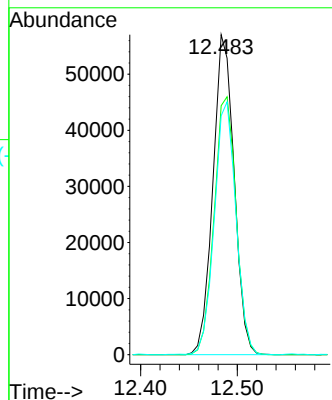
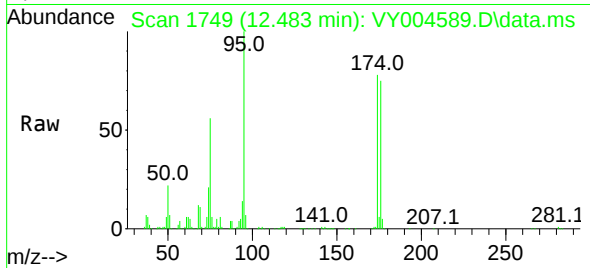




#62
4-Bromofluorobenzene
Concen: 50.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48

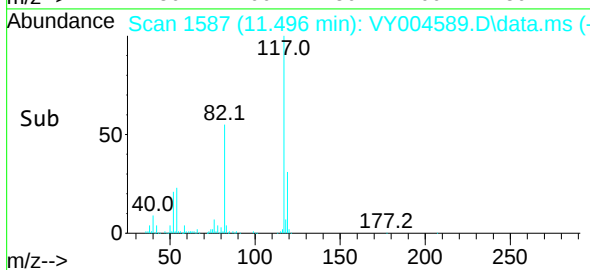
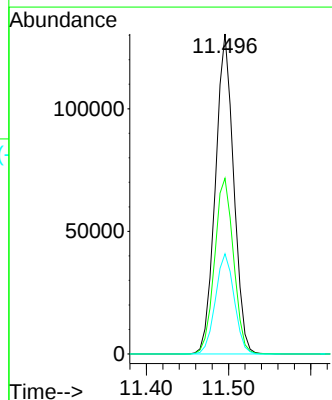
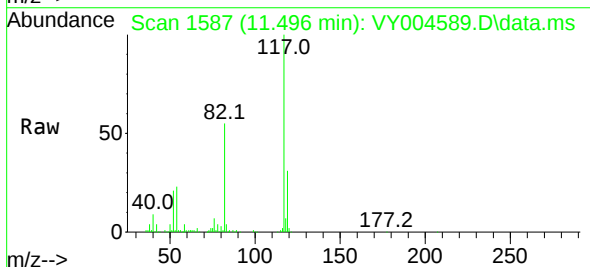
Instrument :
MSVOA_Y
ClientSampleId :

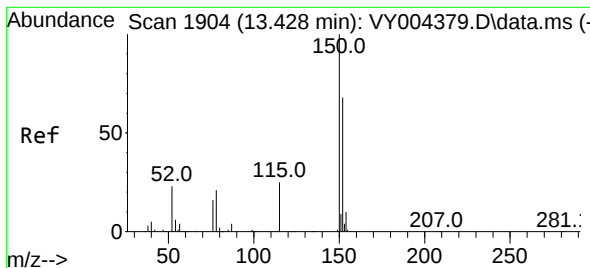
Tgt Ion: 95 Resp: 86671
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 80.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004589.D
Acq: 22 Apr 2021 16:48

Tgt Ion: 117 Resp: 201571
Ion Ratio Lower Upper
117 100
82 54.9 44.9 67.3
119 31.3 25.4 38.0

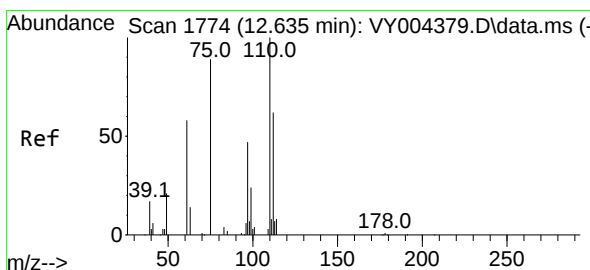
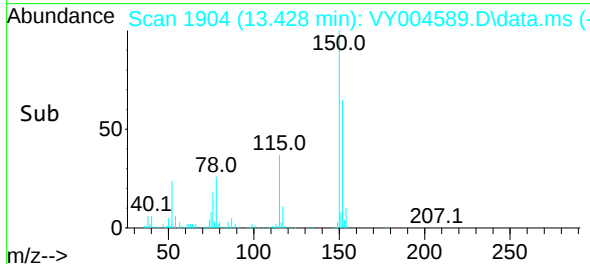
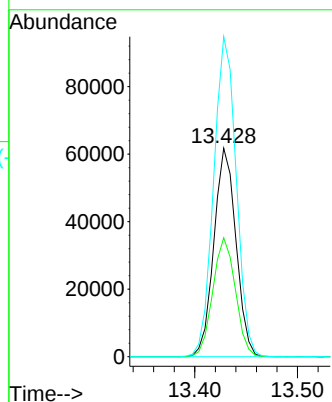
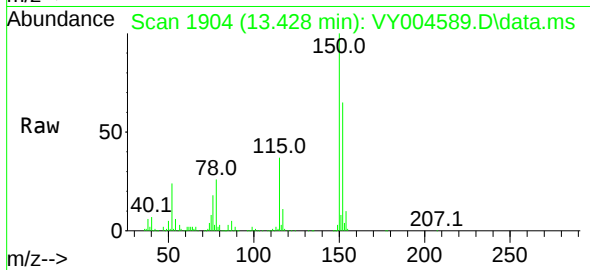




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004589.D
 Acq: 22 Apr 2021 16:48

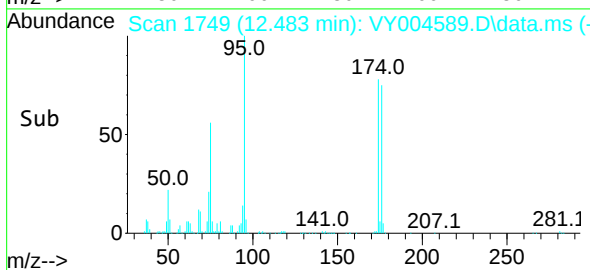
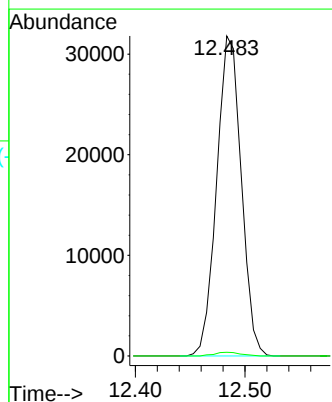
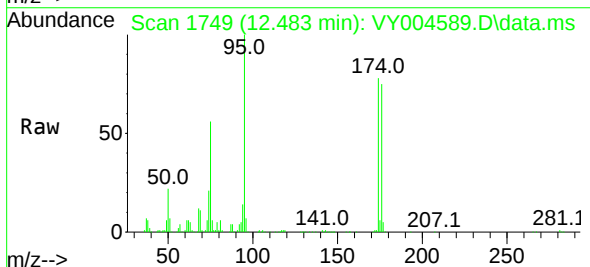
Instrument :
 MSVOA_Y
 ClientSampled :

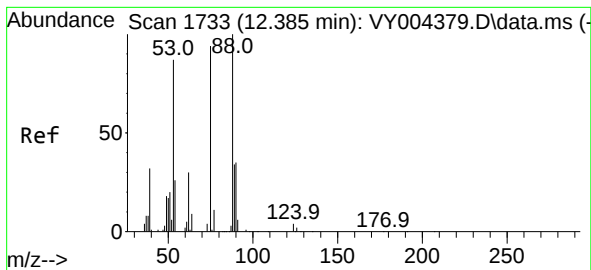
Tgt Ion:152 Resp: 92008
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.6 88.8
 150 157.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.18 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004589.D
 Acq: 22 Apr 2021 16:48

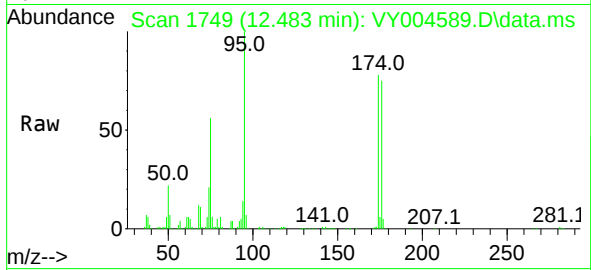
Tgt Ion: 75 Resp: 49550
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.76 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004589.D
 Acq: 22 Apr 2021 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.1	36.1	54.1#

