

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004837.D
 Acq On : 18 May 2021 19:20
 Operator : SY/MD
 Sample : M2436-07
 Misc : 6.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:06:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

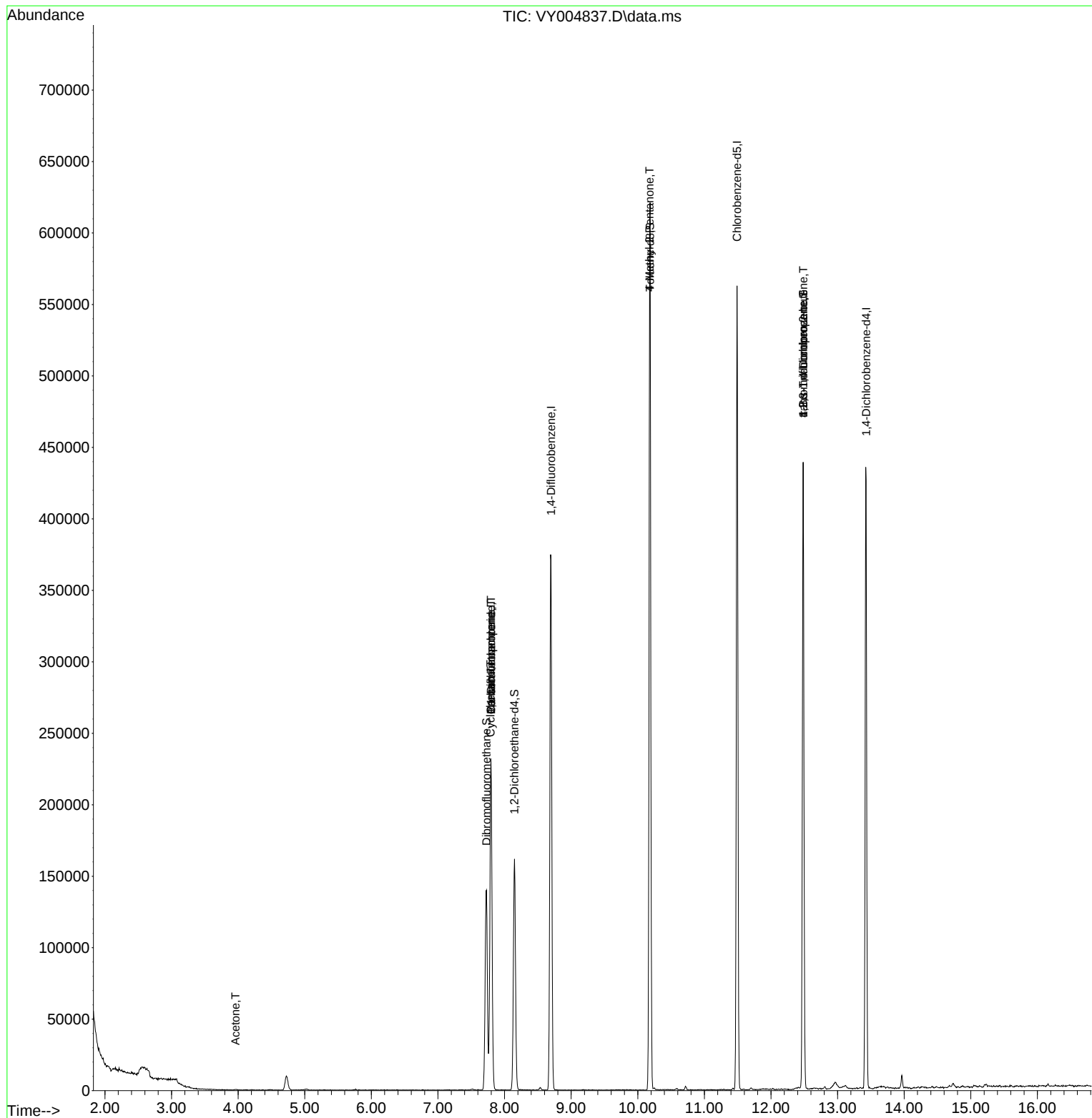
Internal Standards						
1) Pentafluorobenzene	7.795	168	170906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123461	60.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.38%
35) Dibromofluoromethane	7.728	113	97670	58.16	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.32%
50) Toluene-d8	10.185	98	391246	51.57	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.14%
62) 4-Bromofluorobenzene	12.483	95	115491	45.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.22%
Target Compounds						
16) Acetone	3.960	43	519	1.14	ug/l #	45
20) Methylene Chloride	4.723	84	6825	Below Cal		86
31) Cyclohexane	7.789	56	4163	1.26	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	14352	4.57	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17378	6.15	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	2205	1.02	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	64200	56.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64200	97.75	ug/l #	13

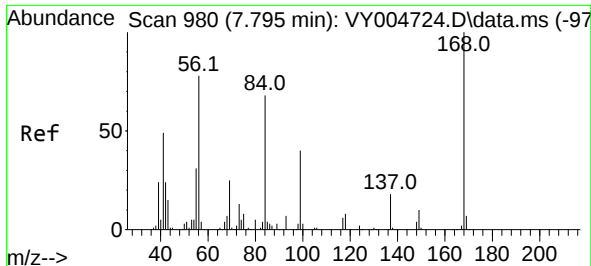
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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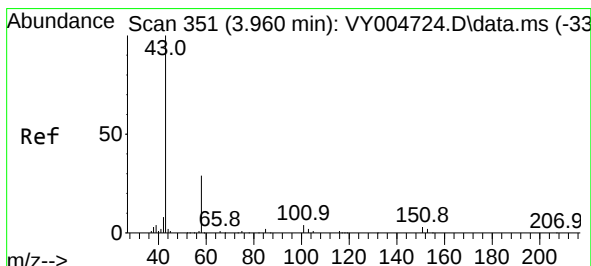
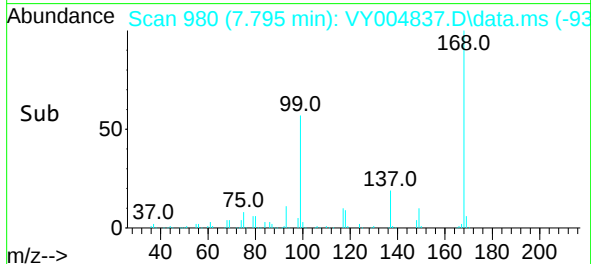
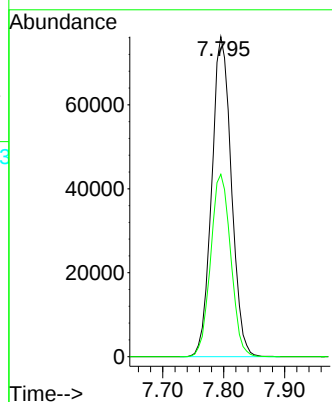
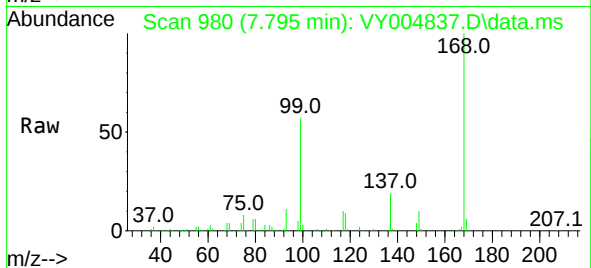




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

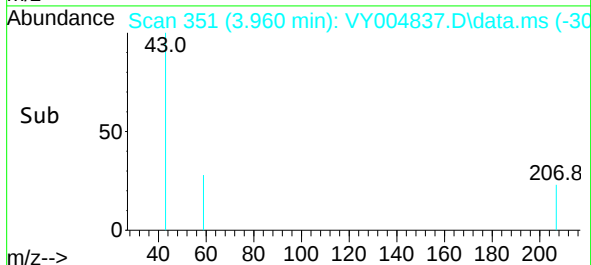
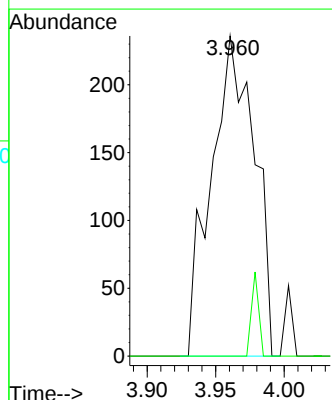
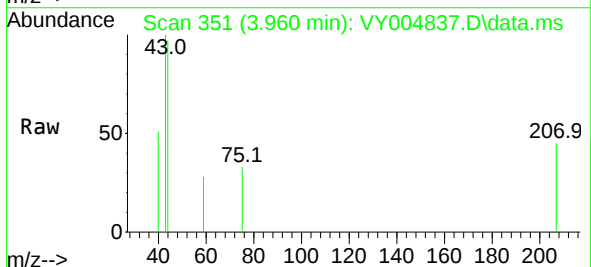
Instrument :
MSVOA_Y
ClientSampled :

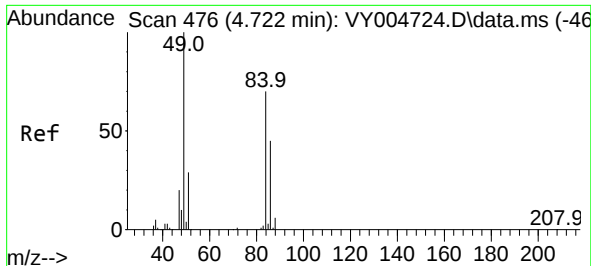
Tgt Ion:168 Resp: 170906
Ion Ratio Lower Upper
168 100
99 57.0 45.6 68.4



#16
Acetone
Concen: 1.14 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

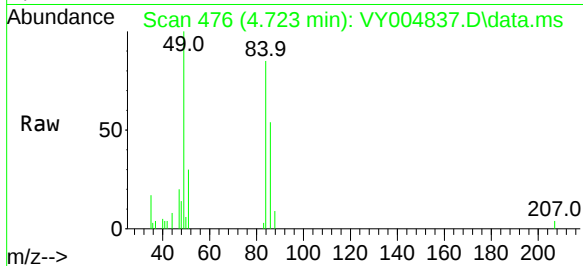
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#



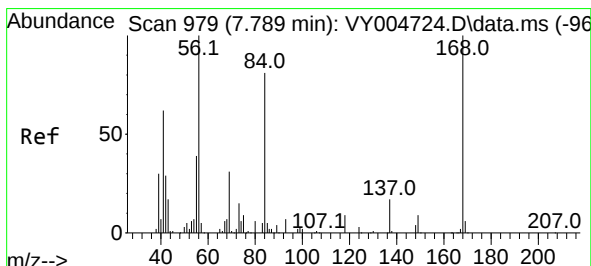
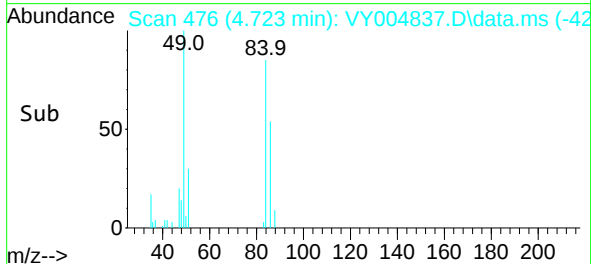
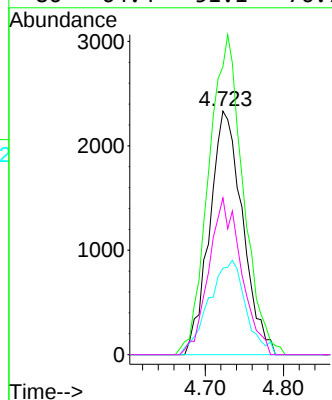


#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

Instrument :
MSVOA_Y
ClientSampleId :

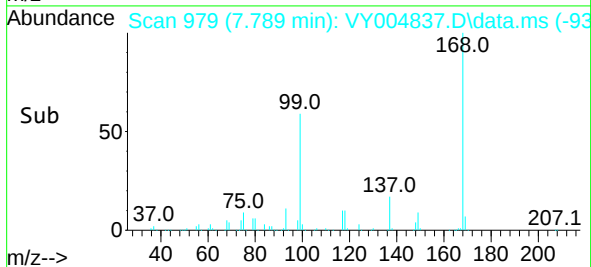
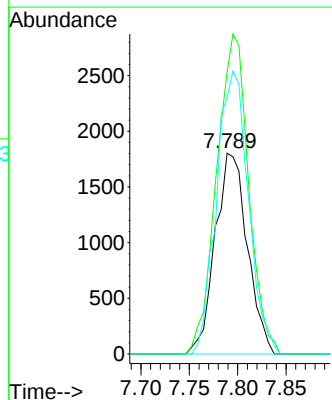
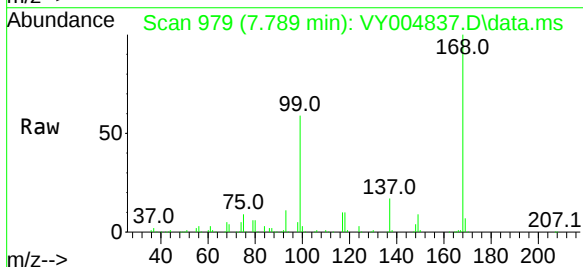


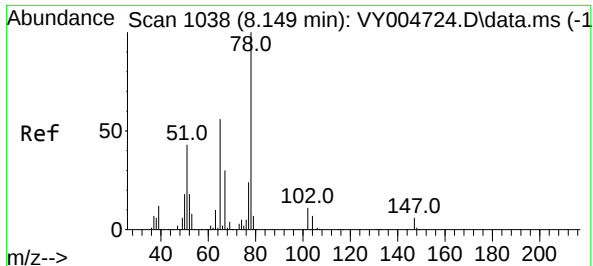
Tgt Ion:	84	Resp:	6825
Ion	Ratio	Lower	Upper
84	100		
49	115.7	113.8	170.8
51	35.5	33.5	50.3
86	64.4	51.1	76.7



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

Tgt Ion:	56	Resp:	4163
Ion	Ratio	Lower	Upper
56	100		
69	140.3	24.4	36.6#
84	127.8	64.8	97.2#

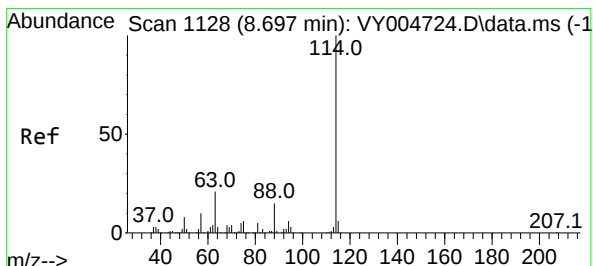
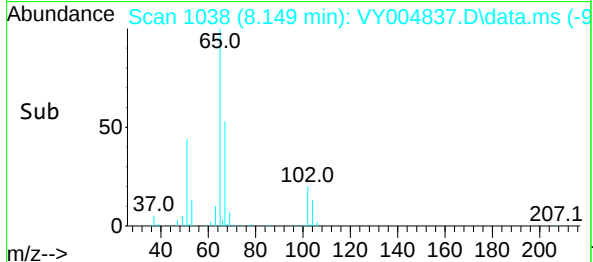
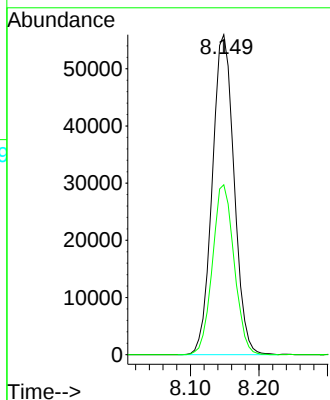
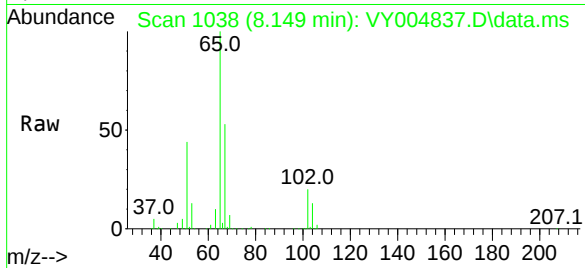




#33
1,2-Dichloroethane-d4
Concen: 60.69 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

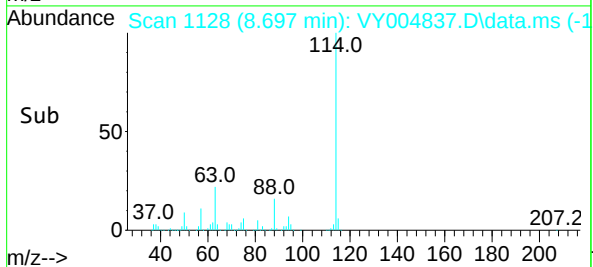
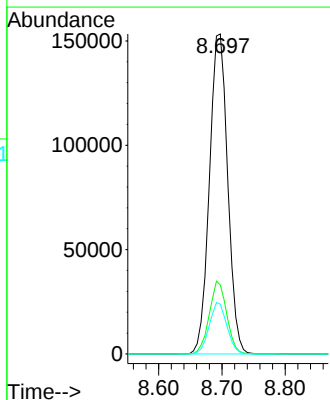
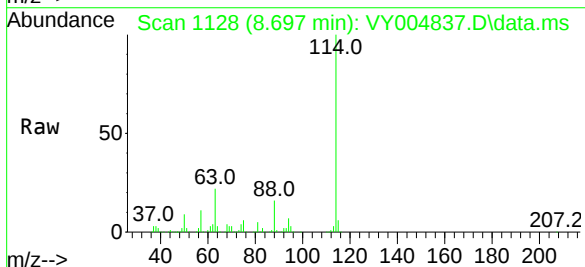
Instrument :
MSVOA_Y
ClientSampled :

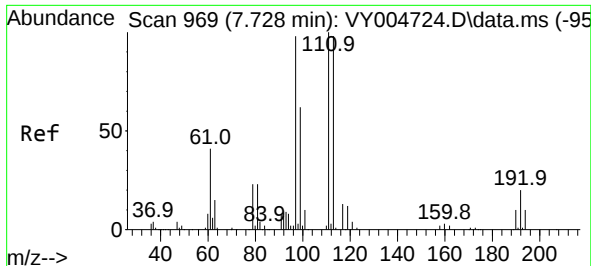
Tgt Ion: 65 Resp: 123461
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

Tgt Ion:114 Resp: 306753
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.8
88 15.5 0.0 31.0

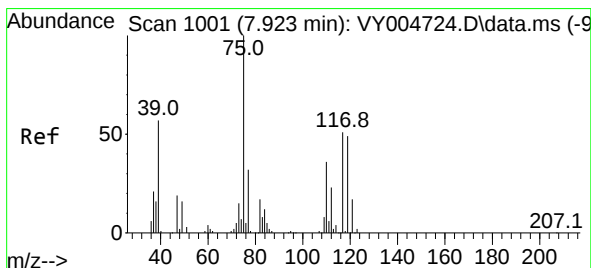
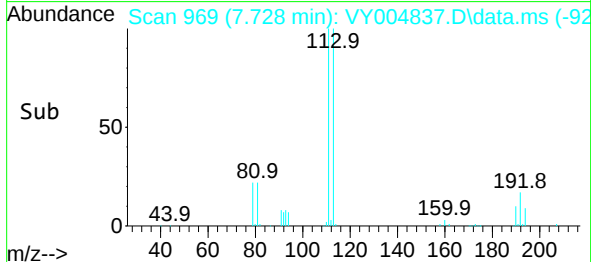
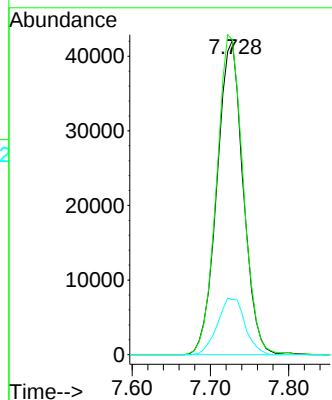
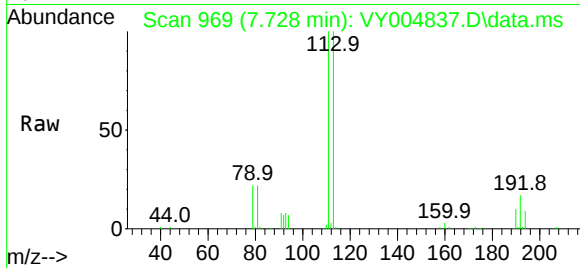




#35
Dibromofluoromethane
Concen: 58.16 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

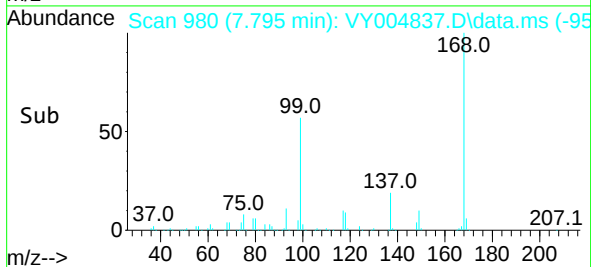
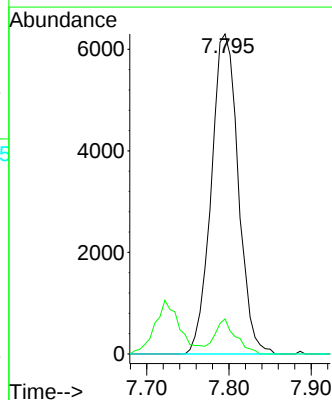
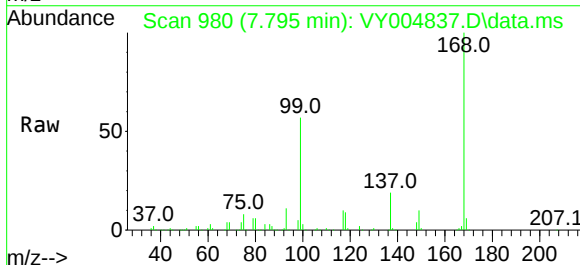
Instrument :
MSVOA_Y
ClientSampleId :

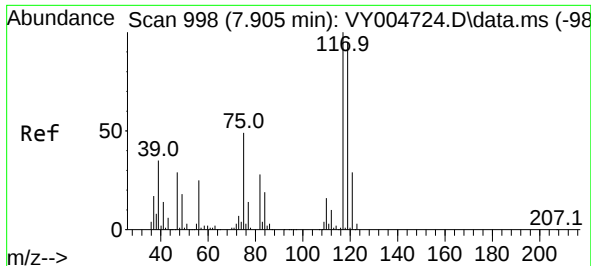
Tgt Ion:113 Resp: 97670
Ion Ratio Lower Upper
113 100
111 103.4 80.5 120.7
192 18.9 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

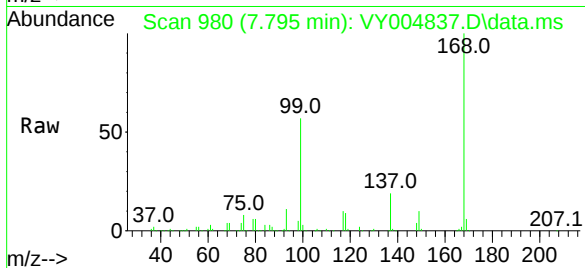
Tgt Ion: 75 Resp: 14352
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 25.0 37.4#



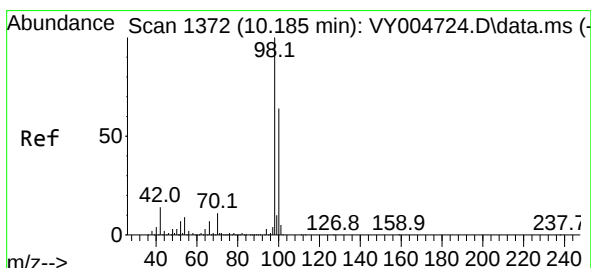
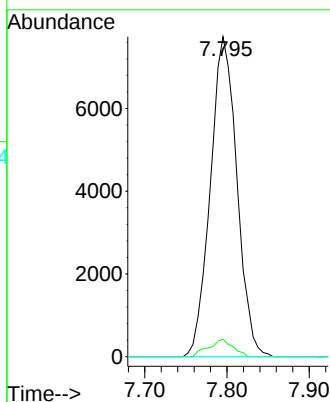
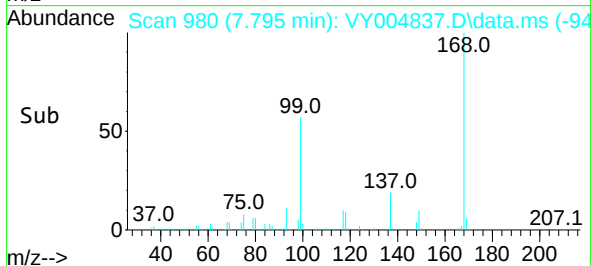


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

Instrument :
MSVOA_Y
ClientSampleId :

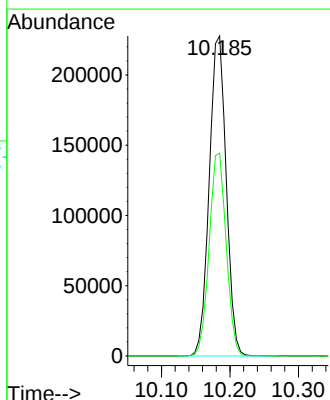
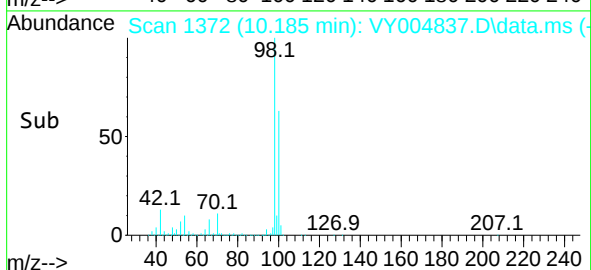
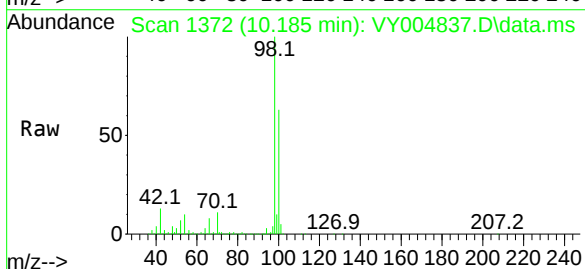


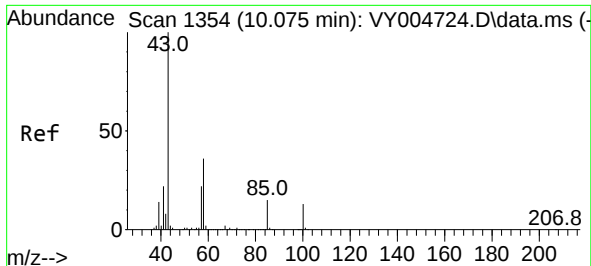
Tgt Ion:117 Resp: 17378
Ion Ratio Lower Upper
117 100
119 5.5 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 51.57 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

Tgt Ion: 98 Resp: 391246
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

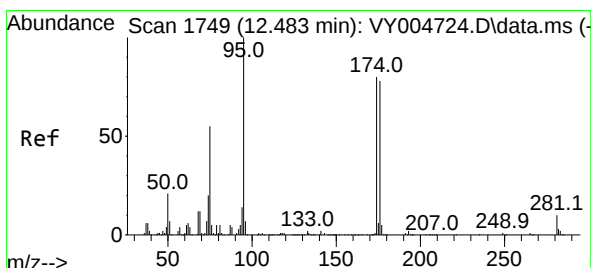
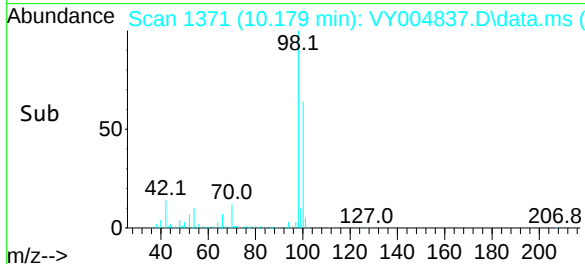
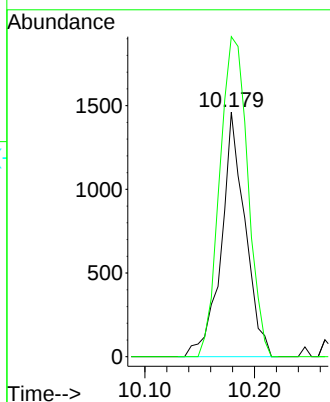
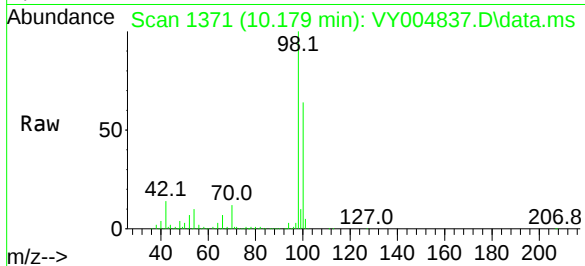




#51
4-Methyl-2-Pentanone
Concen: 1.02 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

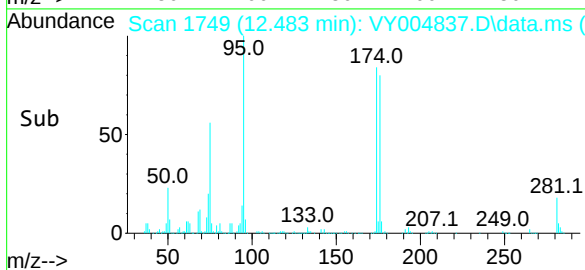
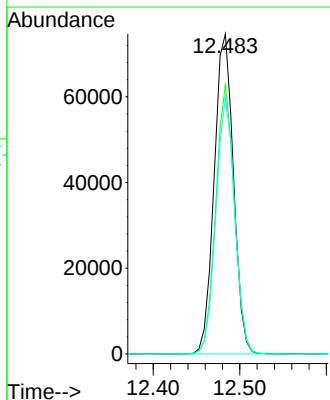
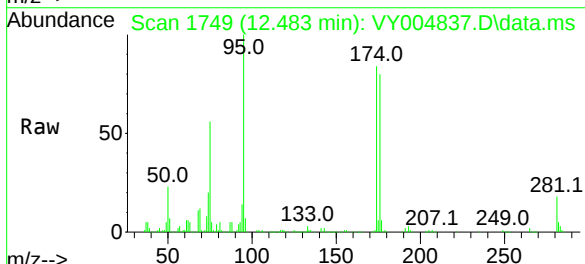
Instrument :
MSVOA_Y
ClientSampled :

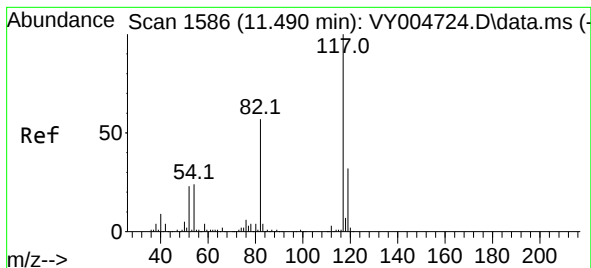
Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 154.0 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 45.11 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

Tgt Ion: 95 Resp: 115491
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.2
176 78.1 0.0 159.0

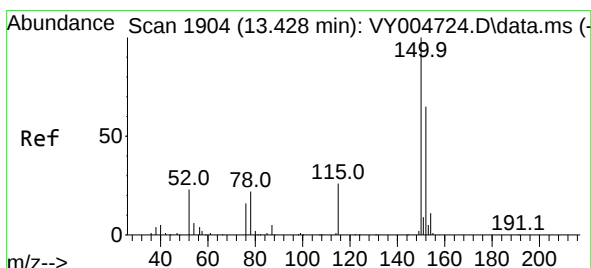
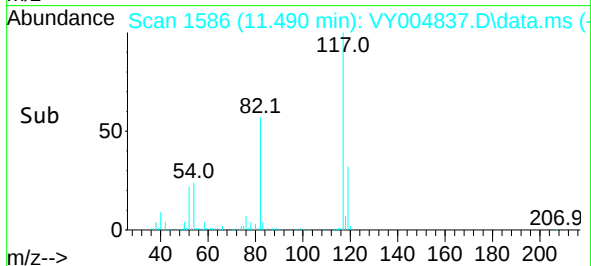
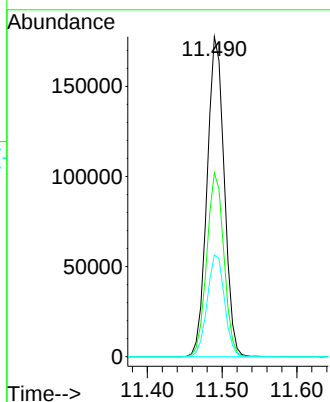
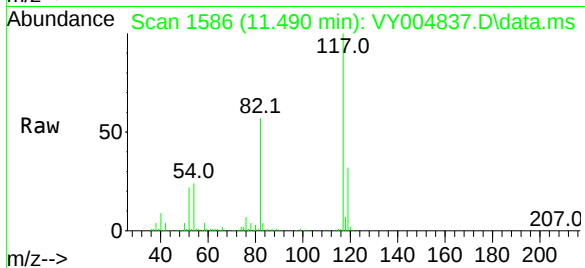




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

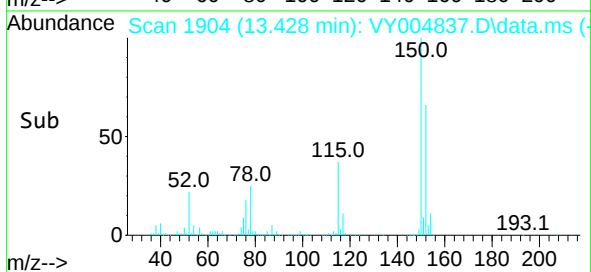
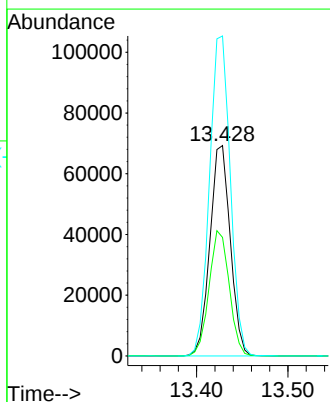
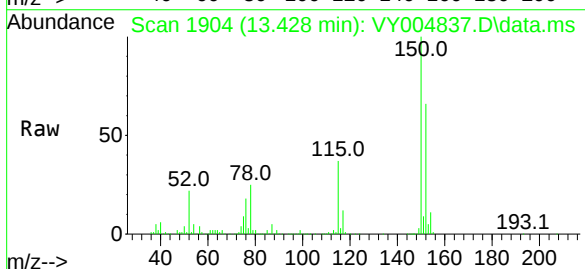
Instrument :
MSVOA_Y
ClientSampleId :

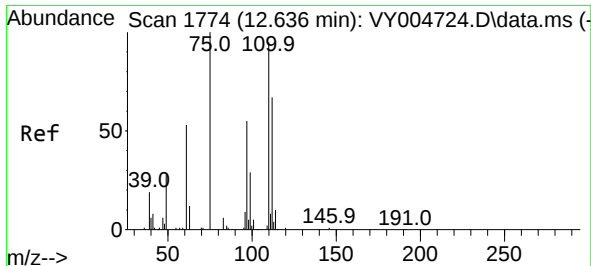
Tgt Ion:117 Resp: 283296
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

Tgt Ion:152 Resp: 107220
Ion Ratio Lower Upper
152 100
115 59.1 29.4 88.3
150 155.3 0.0 349.8

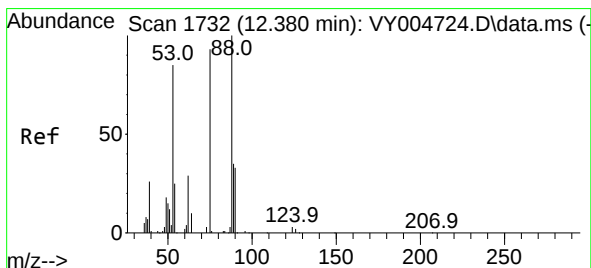
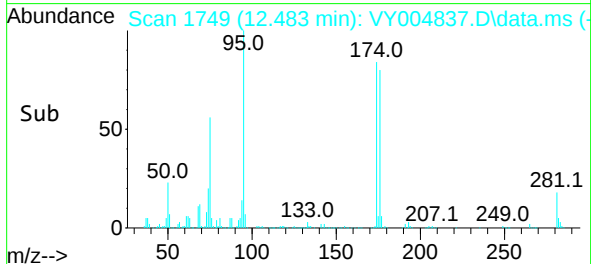
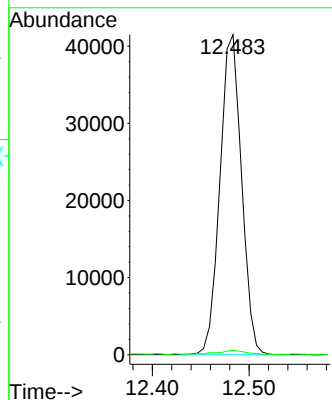
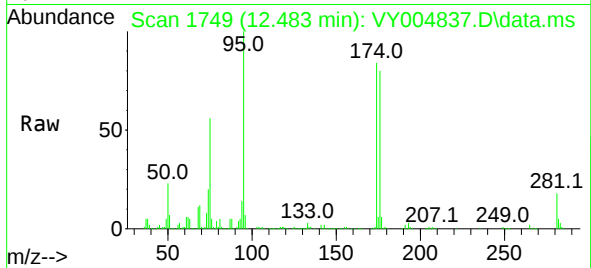




#76
1,2,3-Trichloropropane
Concen: 56.37 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 64200
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004837.D
Acq: 18 May 2021 19:20

Tgt Ion: 75 Resp: 64200
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 0.5 35.5 53.3#

