

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006009.D
 Acq On : 14 Sep 2021 15:44
 Operator : SY/MD
 Sample : M3687-35
 Misc : 6.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A002015

Quant Time: Sep 15 05:14:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	110130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	179637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62210	40.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.340%
35) Dibromofluoromethane	7.722	113	53702	45.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.340%
50) Toluene-d8	10.185	98	244317	48.214	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.483	95	73982	43.002	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.000%

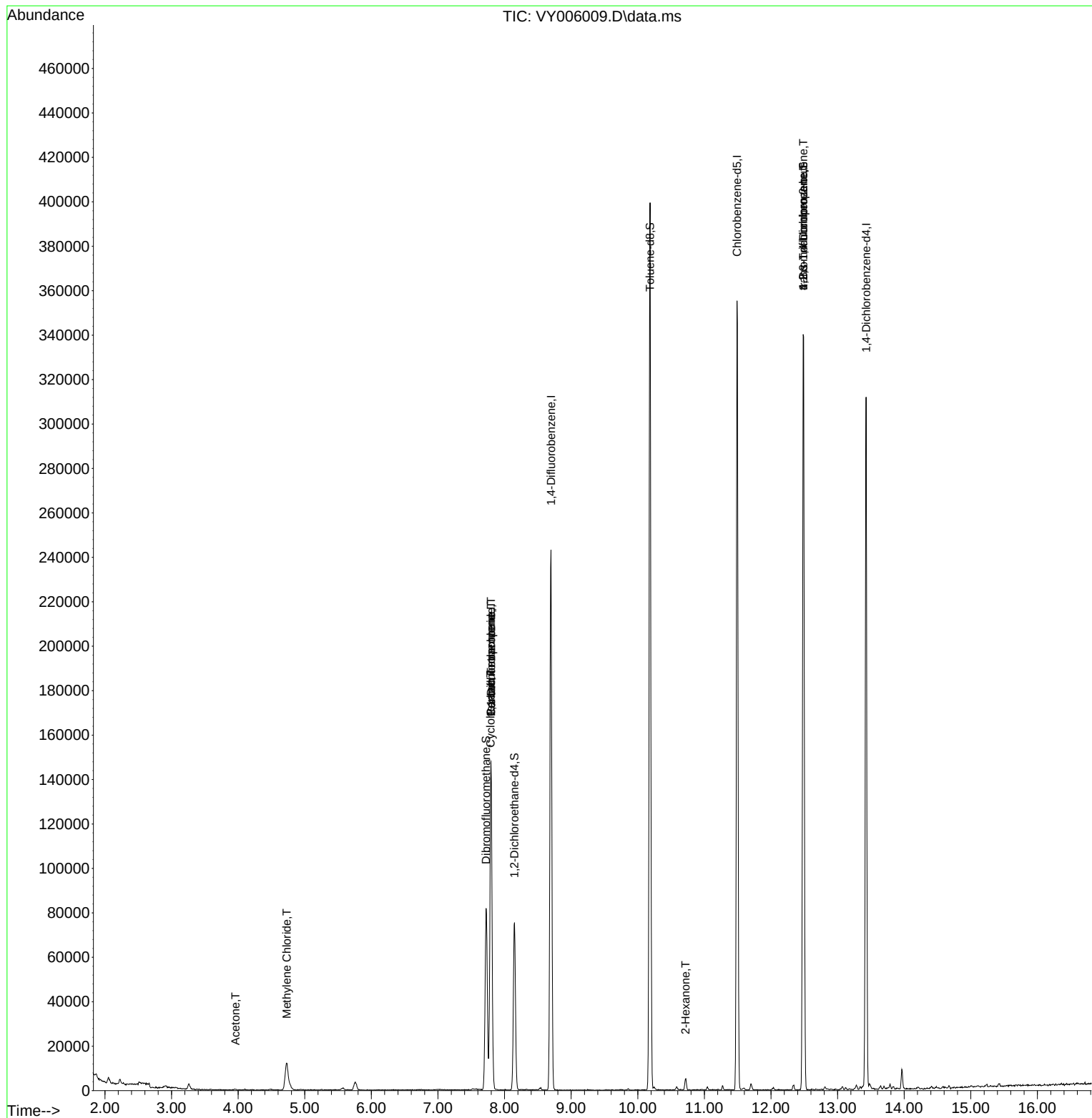
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	498	Below Cal	#	77
16) Acetone	3.960	43	762	1.816	ug/l #	47
20) Methylene Chloride	4.729	84	8296	1.862	ug/l	89
31) Cyclohexane	7.789	56	2924	1.193	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	9025	4.368	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10577	4.703	ug/l #	14
59) 2-Hexanone	10.715	43	1199	1.225	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	44989	57.017	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44989	104.827	ug/l #	8

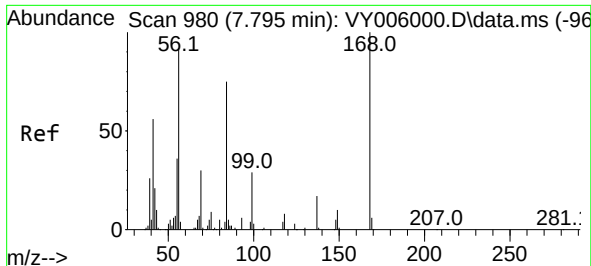
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
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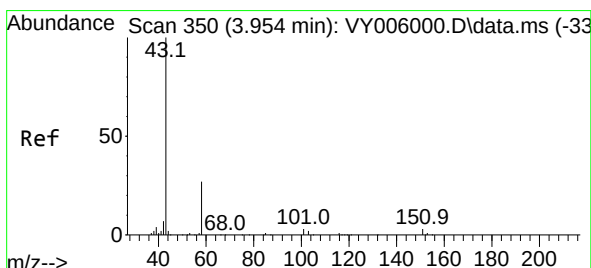
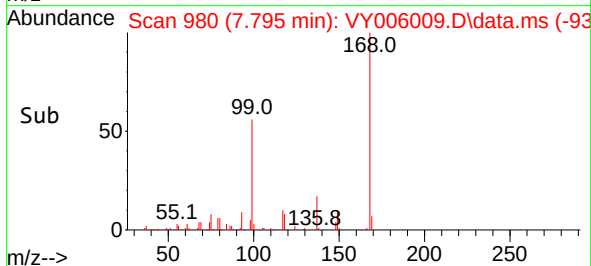
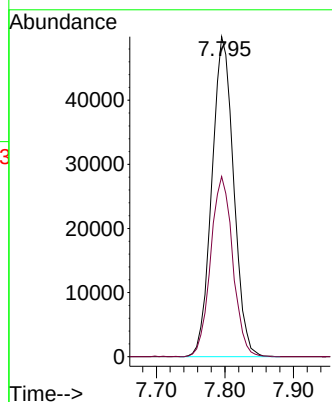
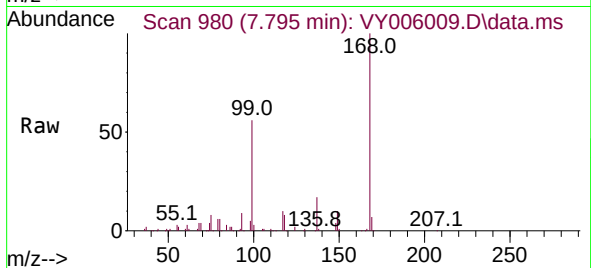




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

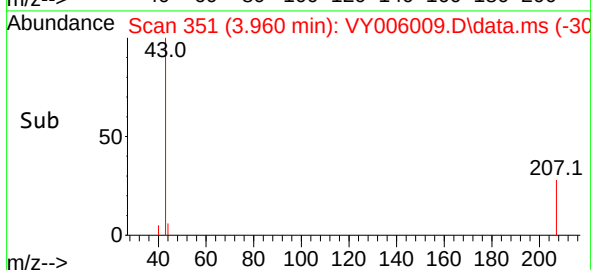
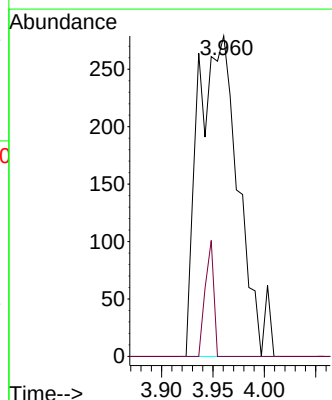
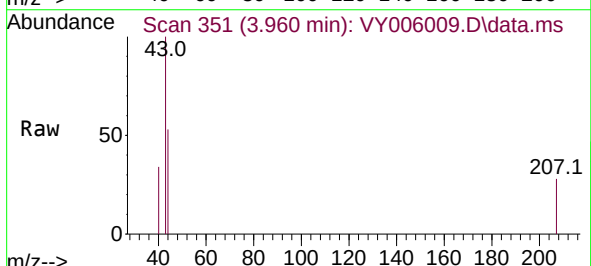
Instrument :
MSVOA_Y
ClientSampleId :
A002015

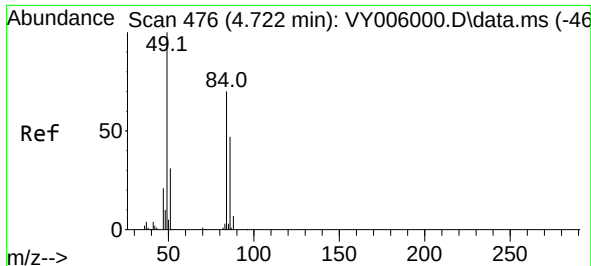
Tgt Ion:168 Resp: 110130
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#16
Acetone
Concen: 1.816 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

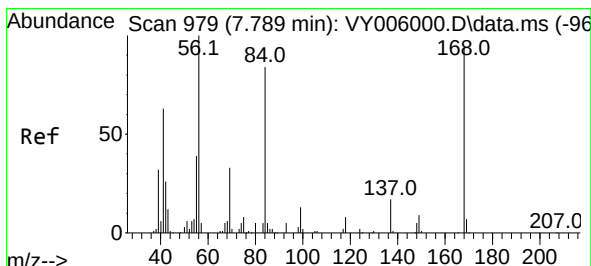
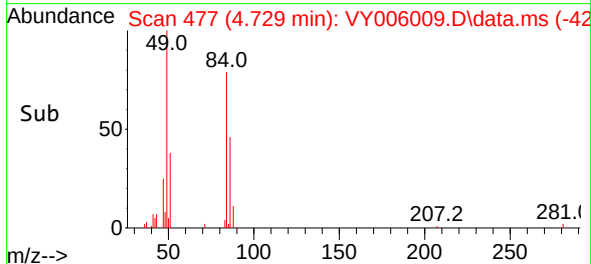
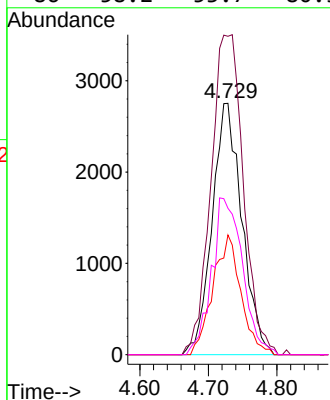
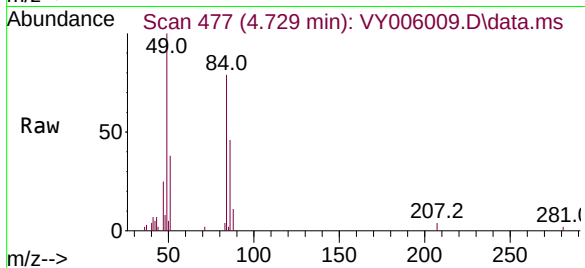




#20
Methylene Chloride
Concen: 1.862 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

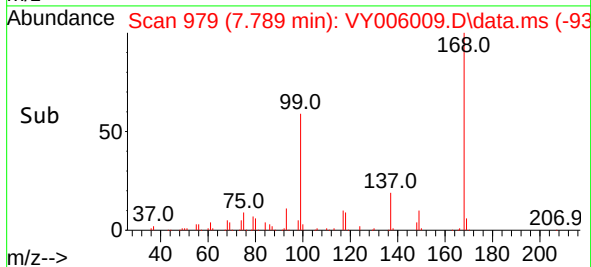
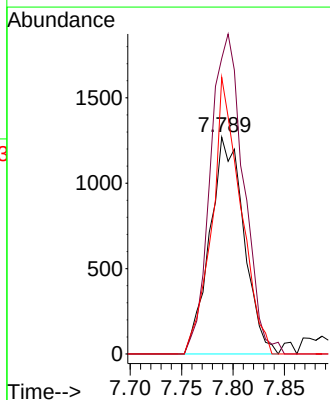
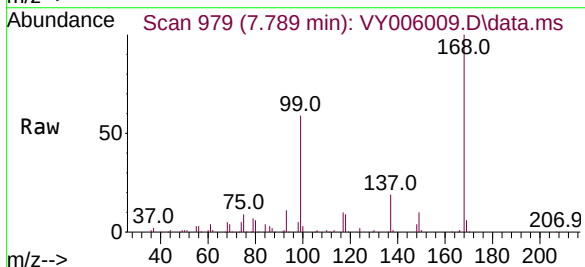
Instrument :
MSVOA_Y
ClientSampleId :
A002015

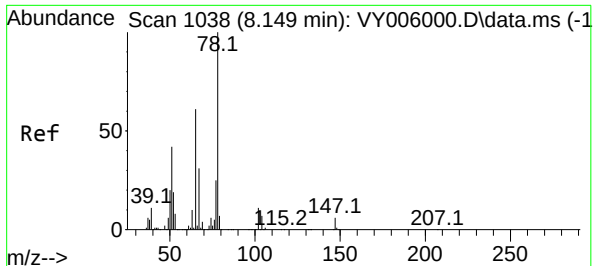
Tgt Ion:	84	Resp:	8296
Ion	Ratio	Lower	Upper
84	100		
49	126.7	114.4	171.6
51	47.6	35.3	52.9
86	58.2	53.7	80.5



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

Tgt Ion:	56	Resp:	2924
Ion	Ratio	Lower	Upper
56	100		
69	136.3	26.7	40.1#
84	127.6	67.2	100.8#

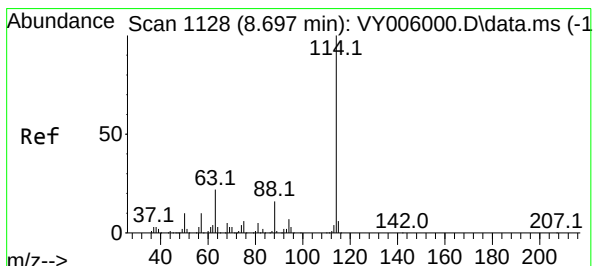
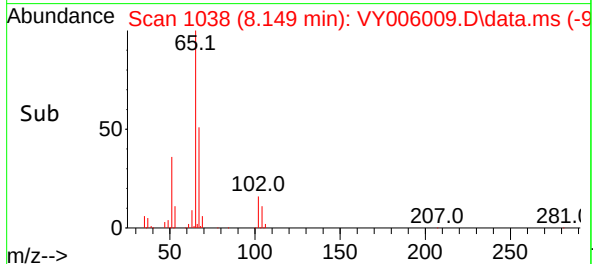
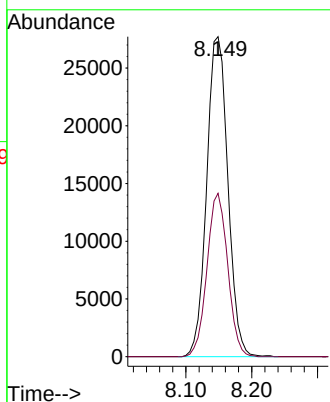
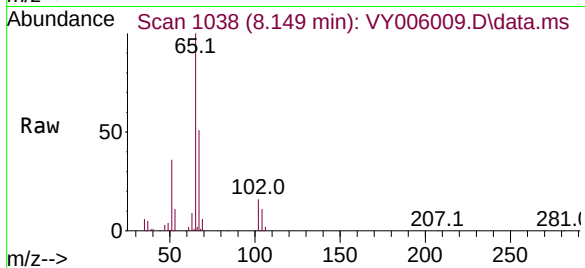




#33
1,2-Dichloroethane-d4
Concen: 40.666 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

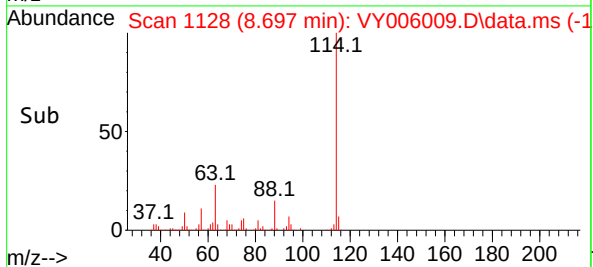
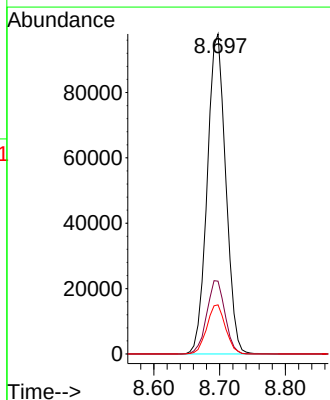
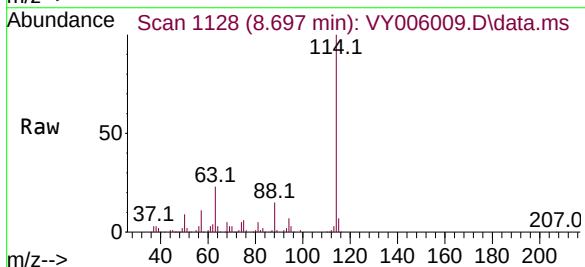
Instrument :
MSVOA_Y
ClientSampleId :
A002015

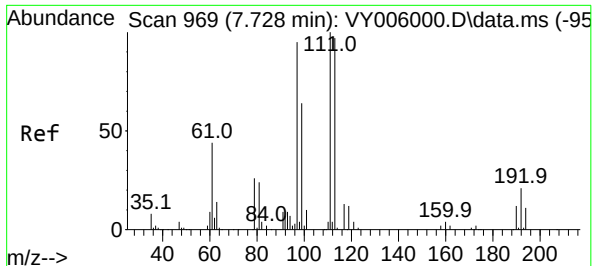
Tgt Ion: 65 Resp: 62210
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

Tgt Ion: 114 Resp: 191420
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.2
88 15.3 0.0 31.8

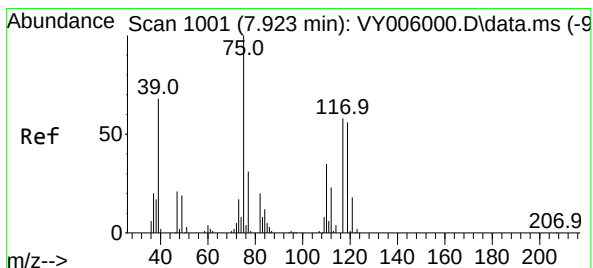
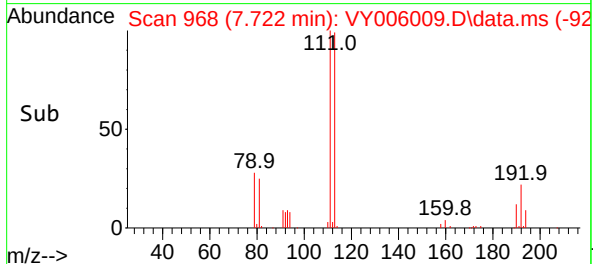
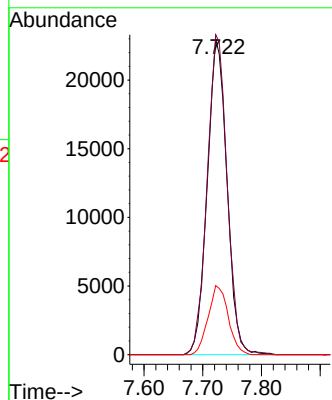
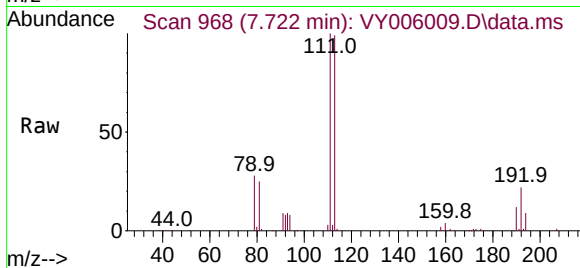




#35
Dibromofluoromethane
Concen: 45.168 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

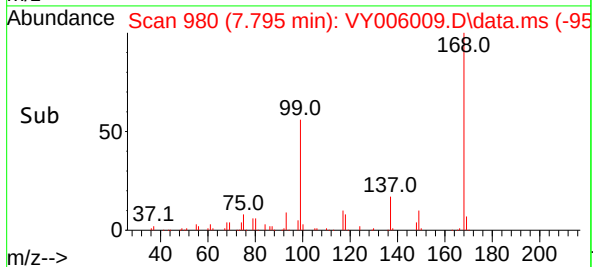
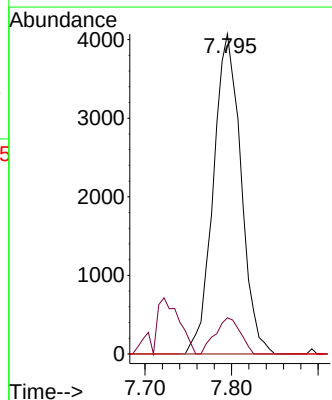
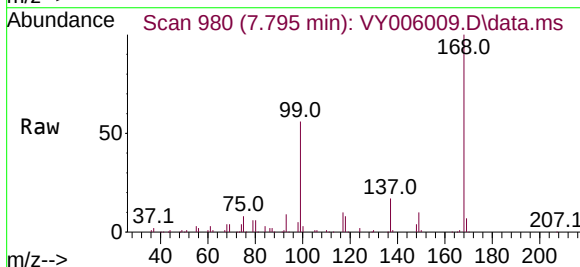
Instrument :
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ClientSampleId :
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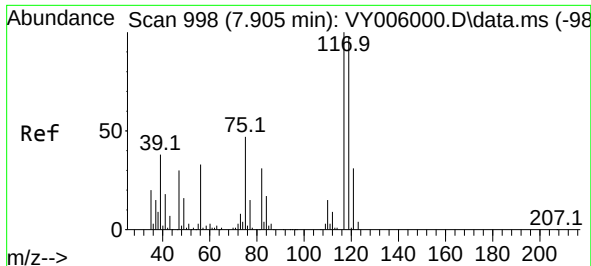
Tgt Ion:113 Resp: 53702
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 22.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.368 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

Tgt Ion: 75 Resp: 9025
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#

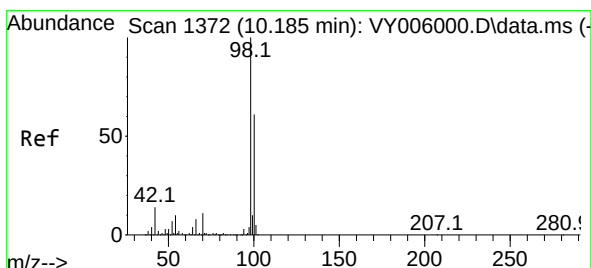
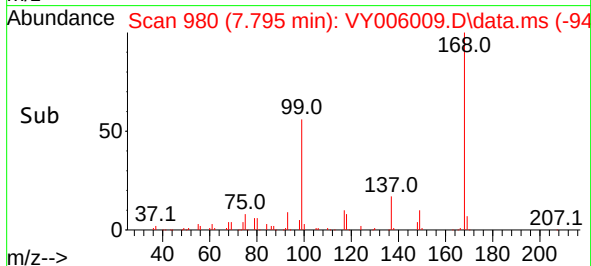
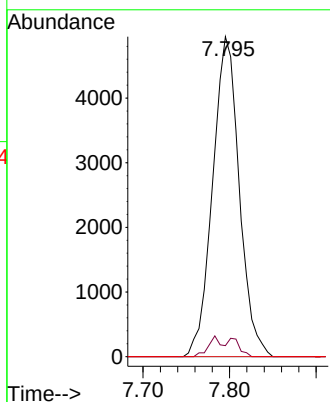
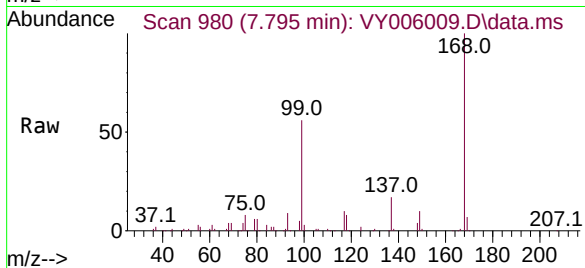




#38
Carbon Tetrachloride
Concen: 4.703 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

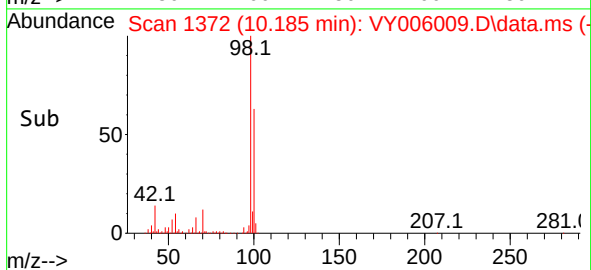
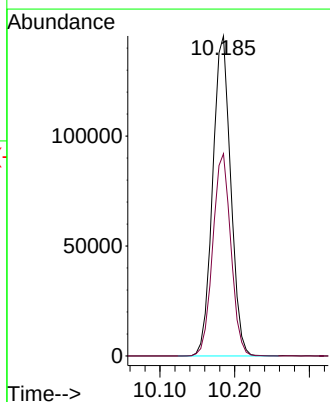
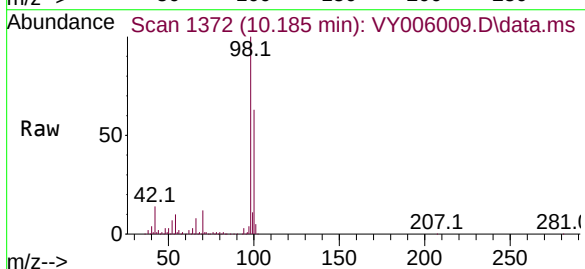
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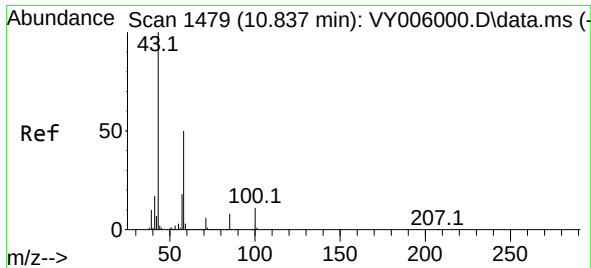
Tgt Ion:117 Resp: 10577
Ion Ratio Lower Upper
117 100
119 3.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.214 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

Tgt Ion: 98 Resp: 244317
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

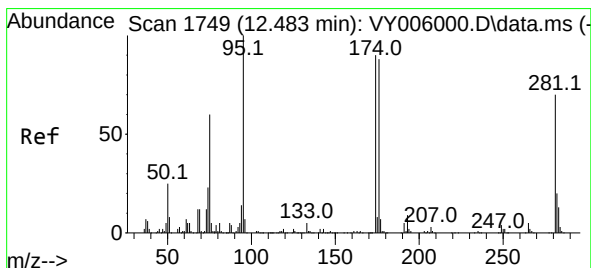
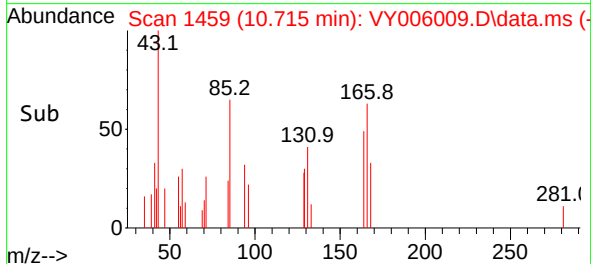
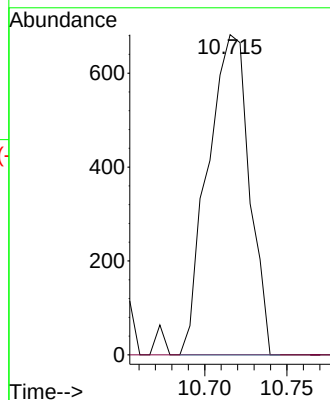
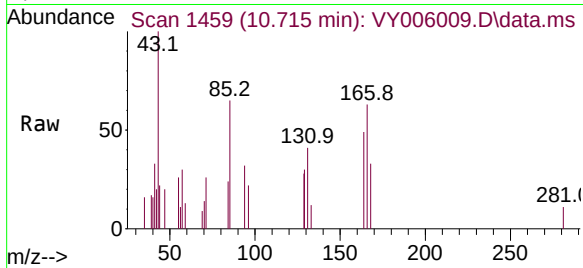




#59
2-Hexanone
Concen: 1.225 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

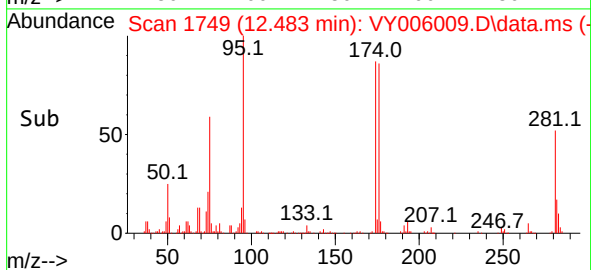
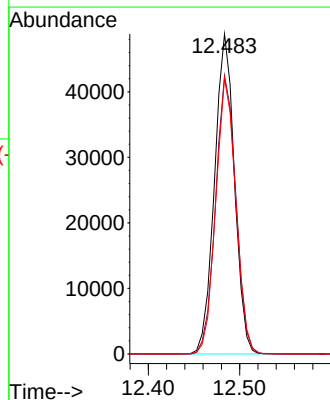
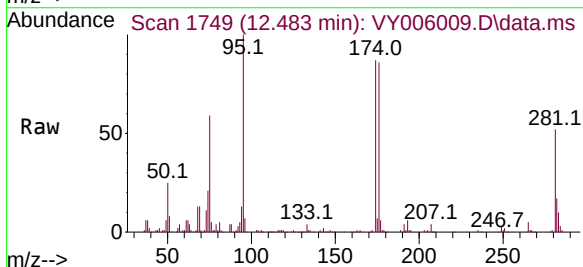
Instrument :
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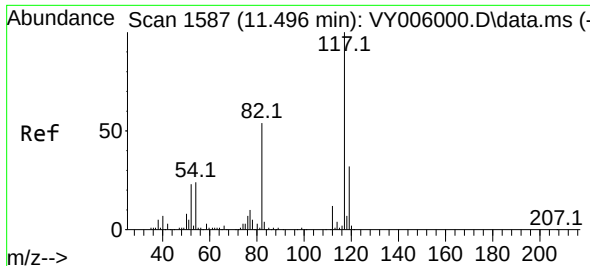
Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 43.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

Tgt Ion: 95 Resp: 73982
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 86.7 0.0 175.8

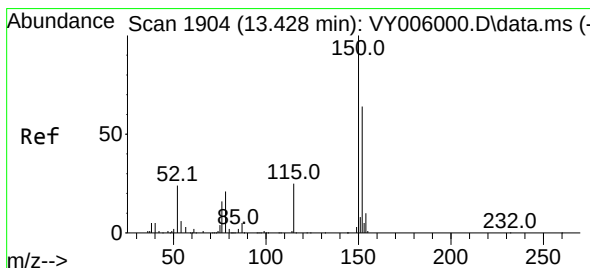
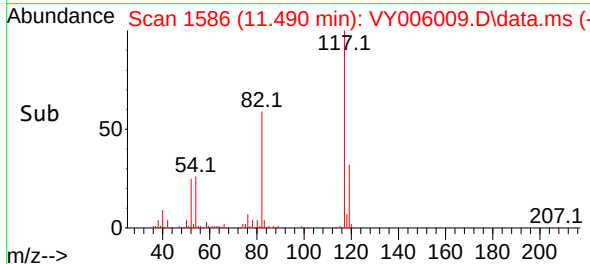
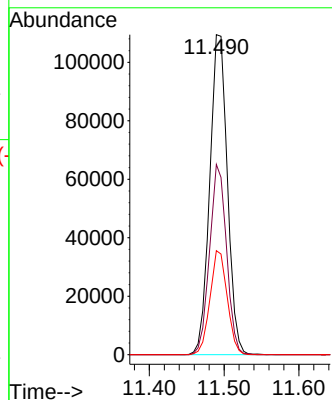
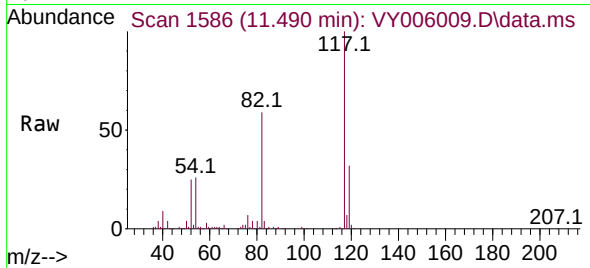




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

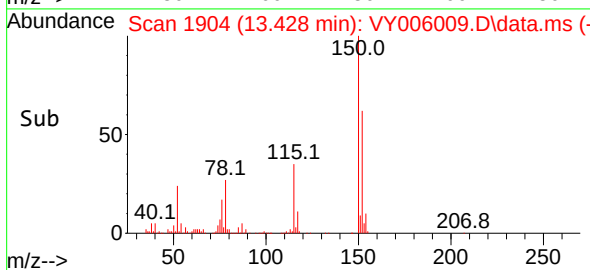
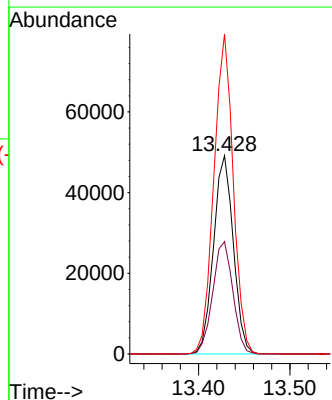
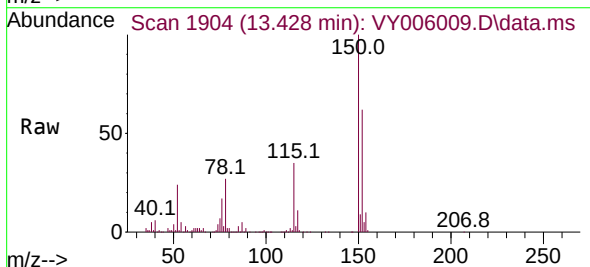
Instrument :
MSVOA_Y
ClientSampled :
A002015

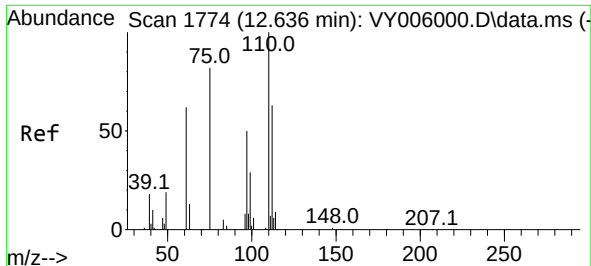
Tgt Ion:117 Resp: 179637
Ion Ratio Lower Upper
117 100
82 59.5 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

Tgt Ion:152 Resp: 74006
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 157.5 0.0 347.6

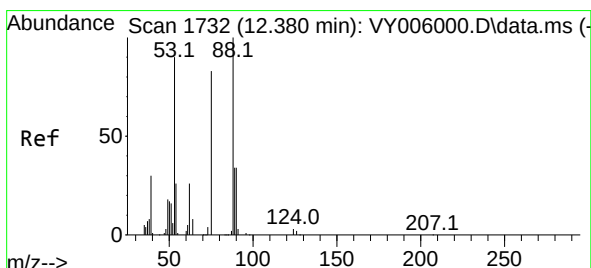
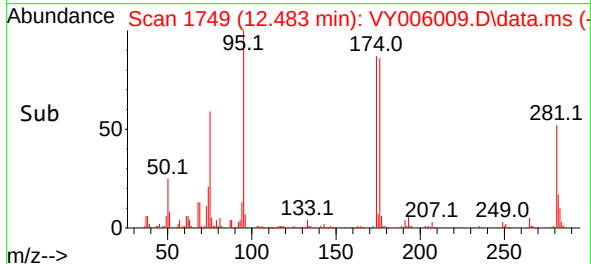
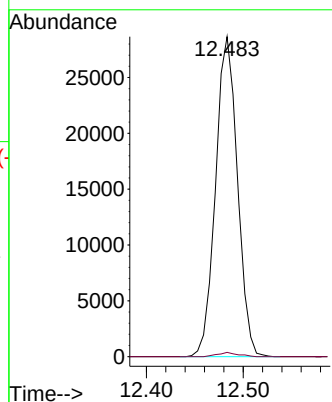
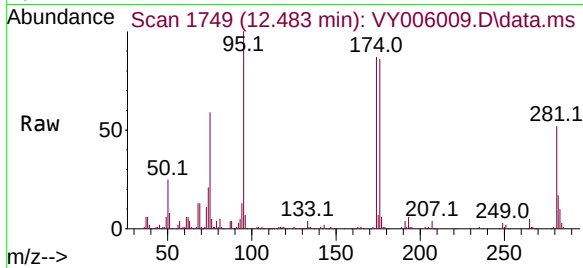




#76
1,2,3-Trichloropropane
Concen: 57.017 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

Instrument :
MSVOA_Y
ClientSampled :
A002015

Tgt Ion: 75 Resp: 44989
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006009.D
Acq: 14 Sep 2021 15:44

Tgt Ion: 75 Resp: 44989
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.7 37.0 55.4#

