

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005675.D
 Acq On : 16 Aug 2021 17:04
 Operator : SY/MD
 Sample : M3431-06
 Misc : 6.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6

Quant Time: Aug 17 05:20:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

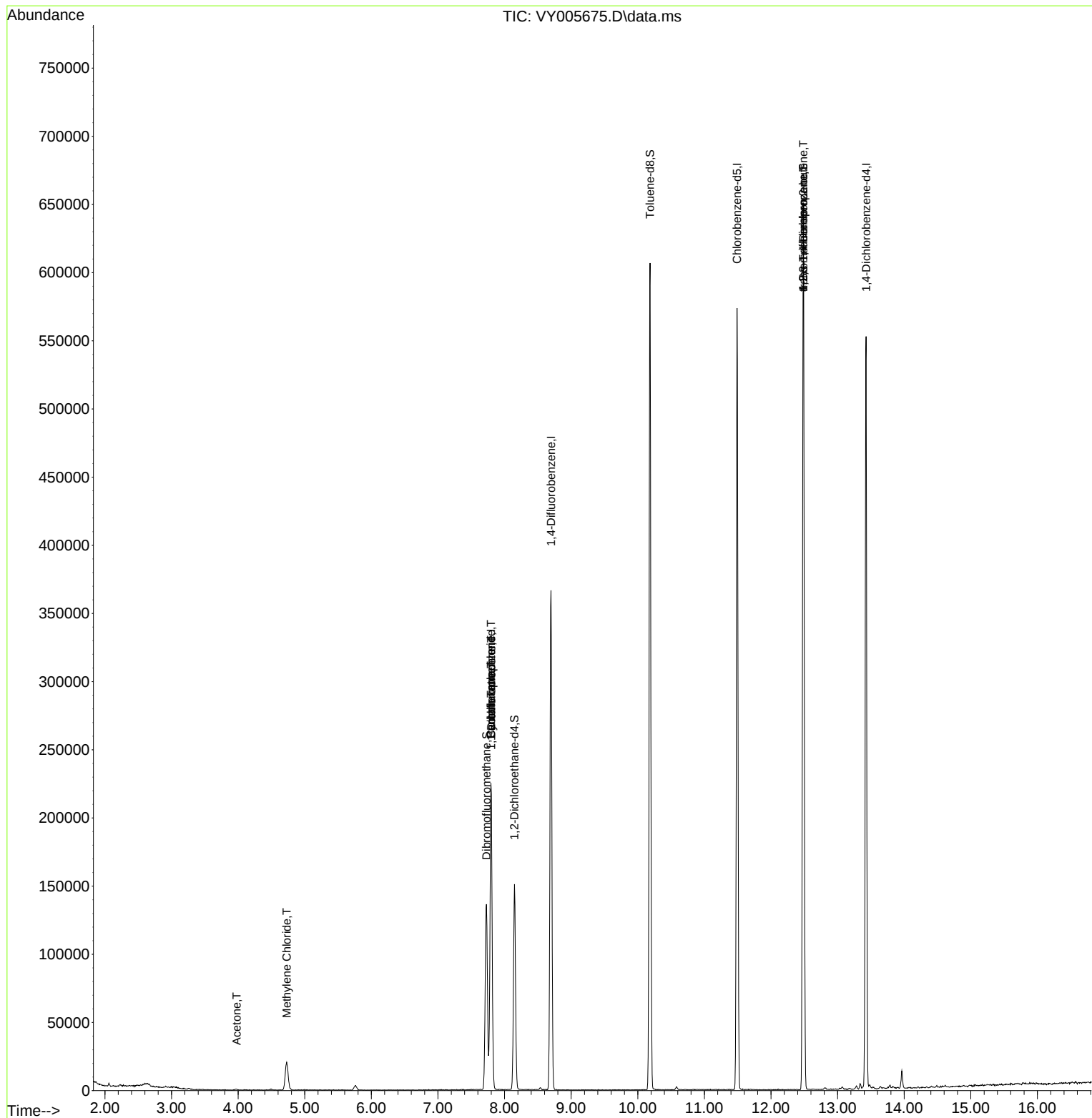
Internal Standards						
1) Pentafluorobenzene	7.795	168	180041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	304775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117580	64.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.040%	
35) Dibromofluoromethane	7.728	113	93152	53.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.660%	
50) Toluene-d8	10.185	98	392576	54.088	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.483	95	131057	54.527	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.060%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	1034	2.250	ug/l #	83
20) Methylene Chloride	4.729	84	15223	2.610	ug/l	97
31) Cyclohexane	7.795	56	3733	1.194	ug/l #	27
36) 1,1-Dichloropropene	7.801	75	12974	4.475	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16081	5.103	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	73121	49.967	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73121	100.727	ug/l #	11

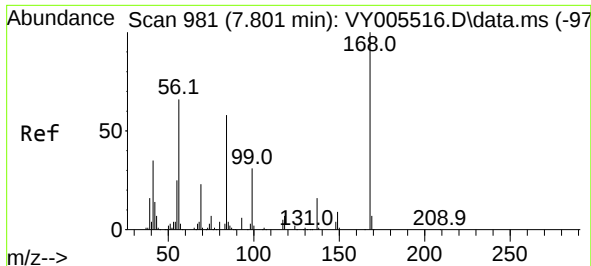
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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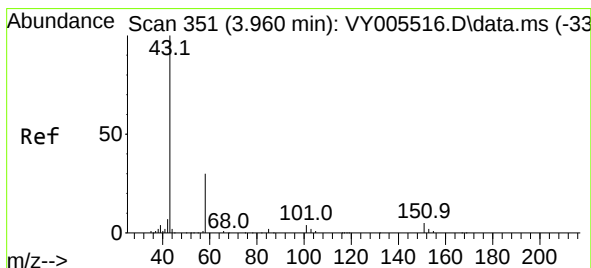
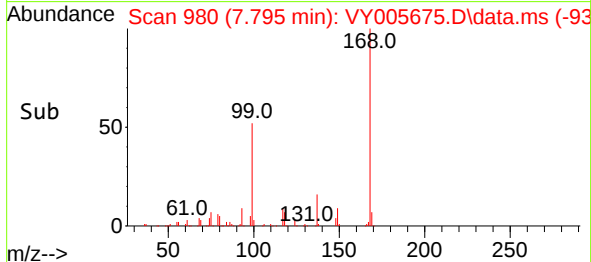
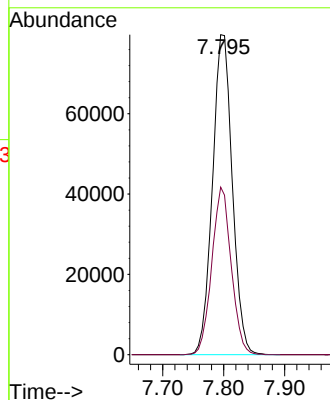
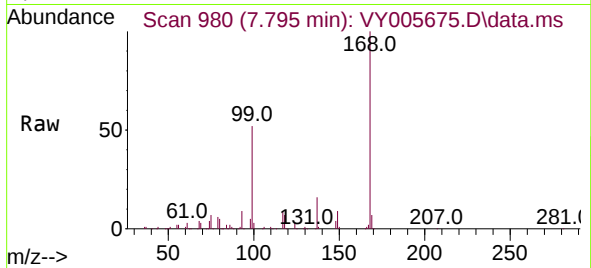




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

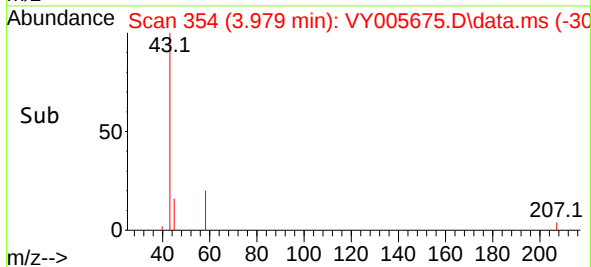
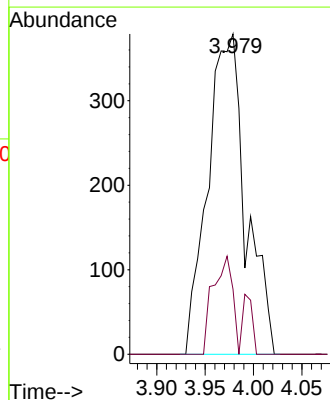
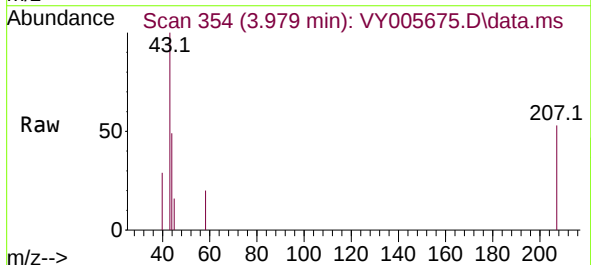
Instrument :
MSVOA_Y
ClientSampleId :
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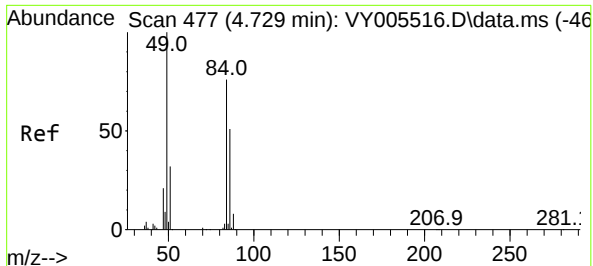
Tgt Ion:168 Resp: 180041
Ion Ratio Lower Upper
168 100
99 52.4 38.9 58.3



#16
Acetone
Concen: 2.250 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
58 20.3 23.8 35.6#

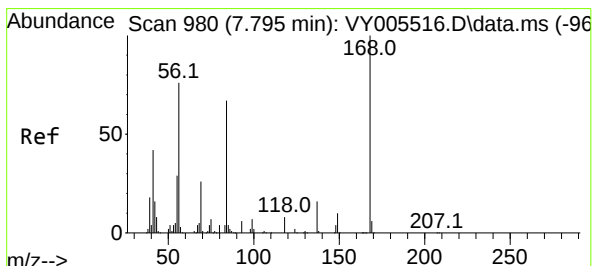
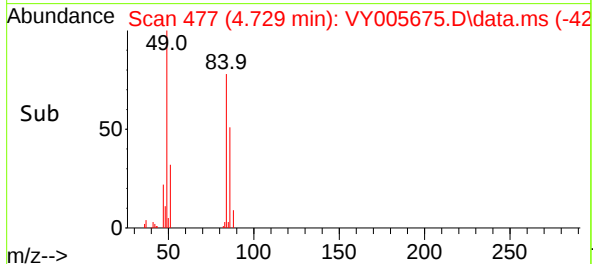
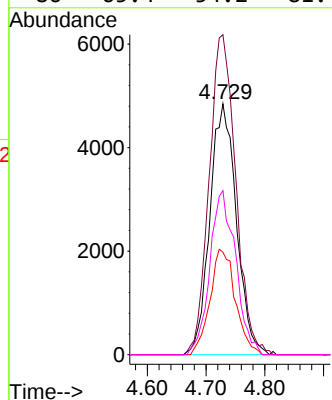
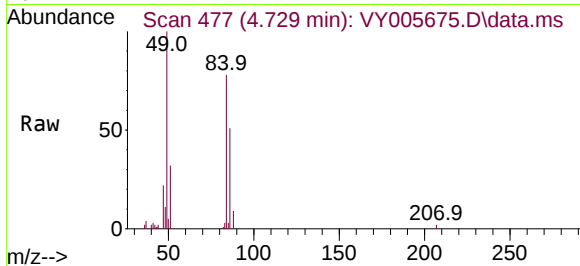




#20
Methylene Chloride
Concen: 2.610 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

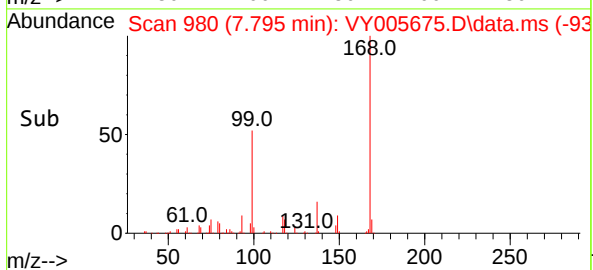
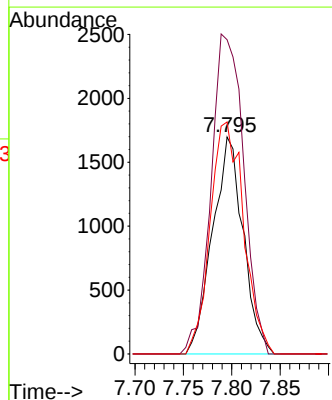
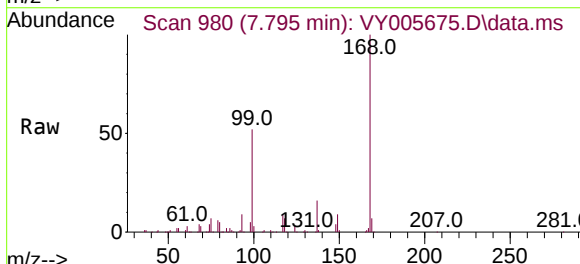
Instrument :
MSVOA_Y
ClientSampleId :
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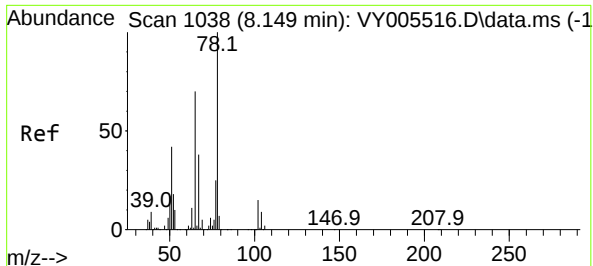
Tgt Ion:	84	Resp:	15223
Ion	Ratio	Lower	Upper
84	100		
49	127.5	105.8	158.6
51	40.9	33.4	50.2
86	65.4	54.2	81.4



#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

Tgt Ion:	56	Resp:	3733
Ion	Ratio	Lower	Upper
56	100		
69	144.8	27.7	41.5#
84	114.1	70.9	106.3#

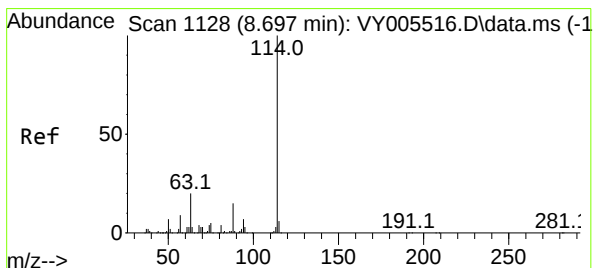
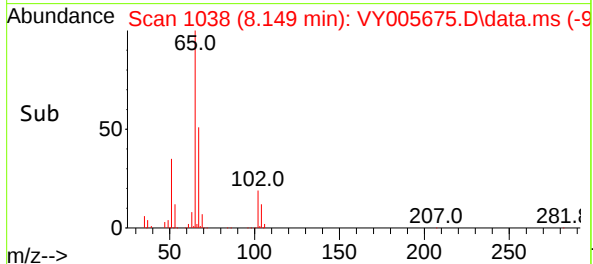
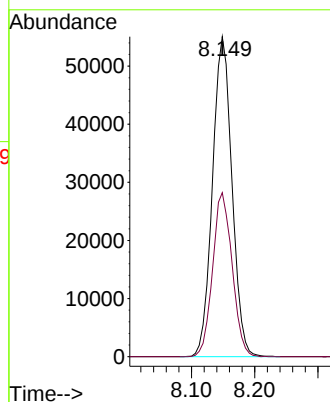
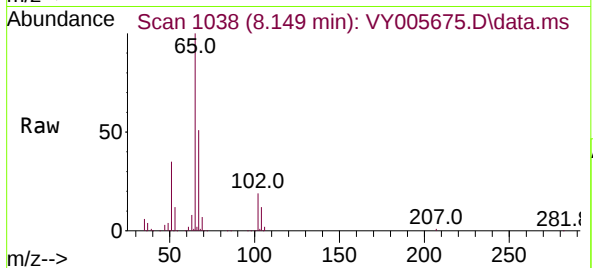




#33
 1,2-Dichloroethane-d4
 Concen: 64.517 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005675.D
 Acq: 16 Aug 2021 17:04

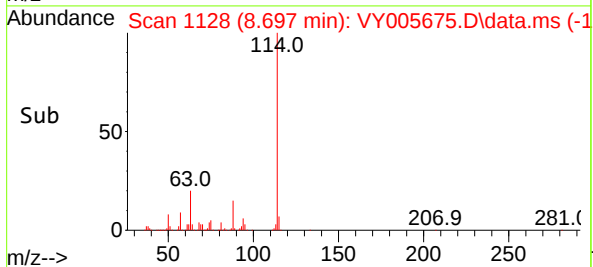
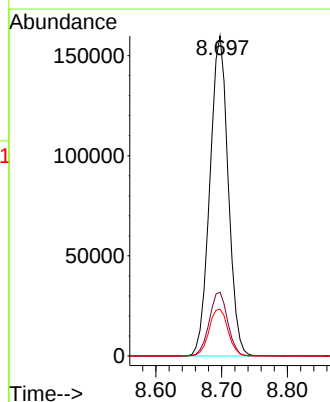
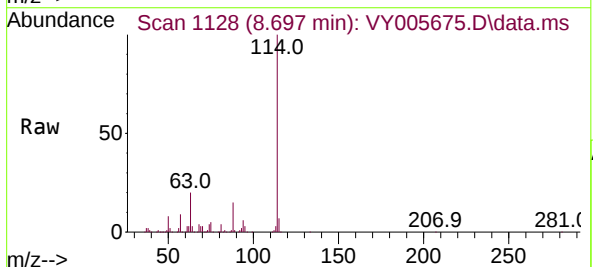
Instrument :
 MSVOA_Y
 ClientSampleId :
 6

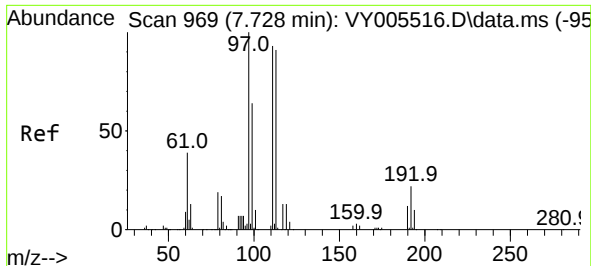
Tgt Ion: 65 Resp: 117580
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005675.D
 Acq: 16 Aug 2021 17:04

Tgt Ion: 114 Resp: 309109
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 14.6 0.0 30.8

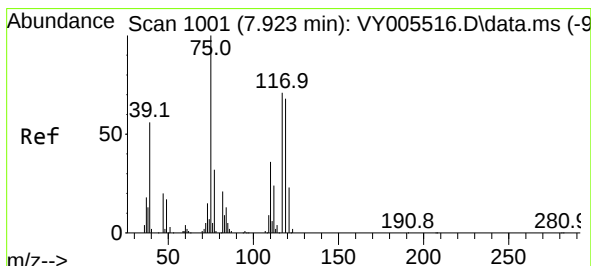
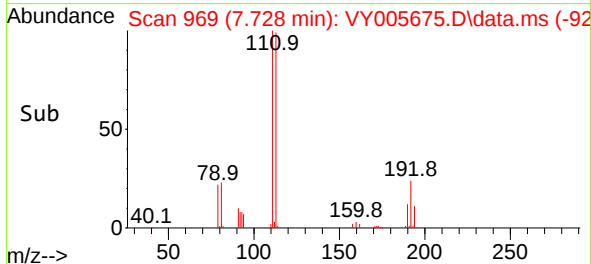
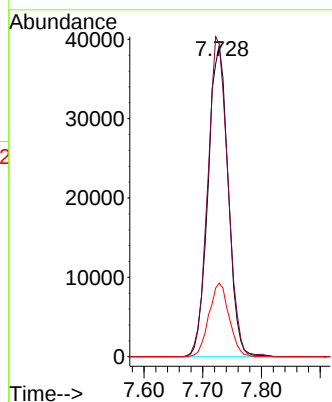
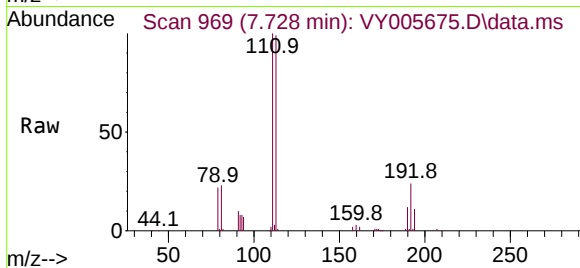




#35
Dibromofluoromethane
Concen: 53.826 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

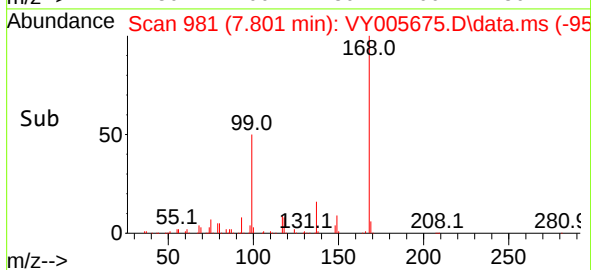
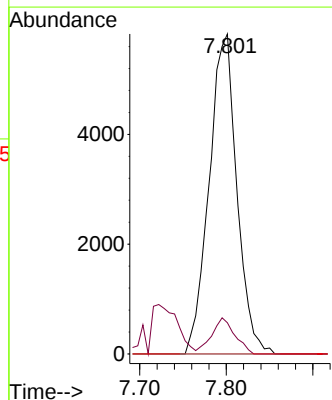
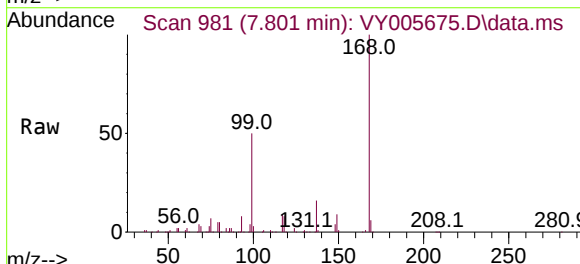
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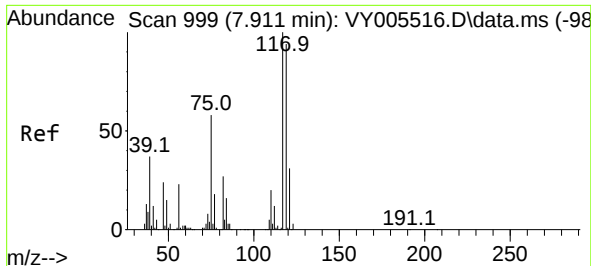
Tgt Ion:	113	Resp:	93152
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	23.7	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.475 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

Tgt Ion:	75	Resp:	12974
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.0	25.1	37.7#

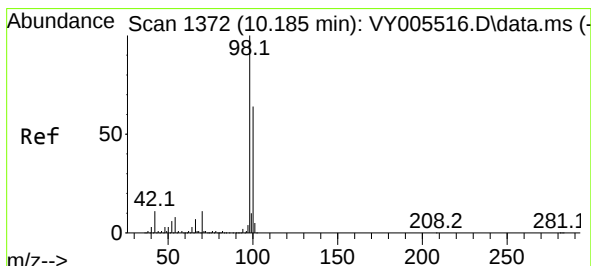
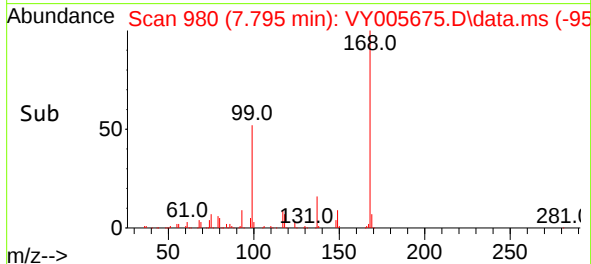
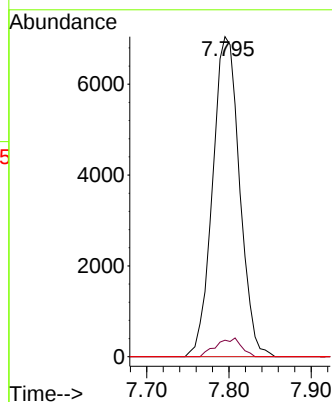
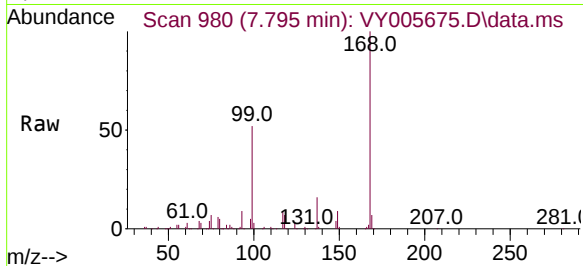




#38
Carbon Tetrachloride
Concen: 5.103 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

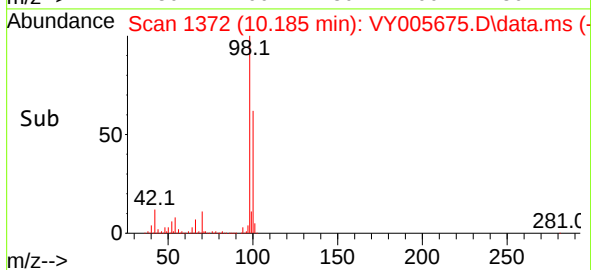
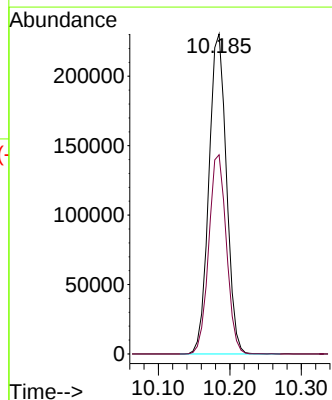
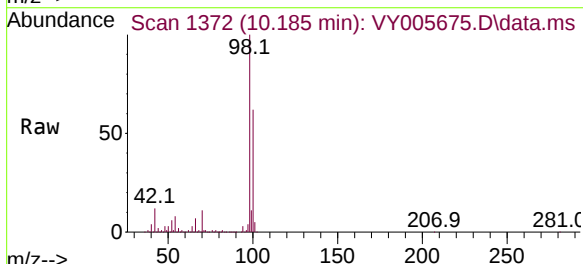
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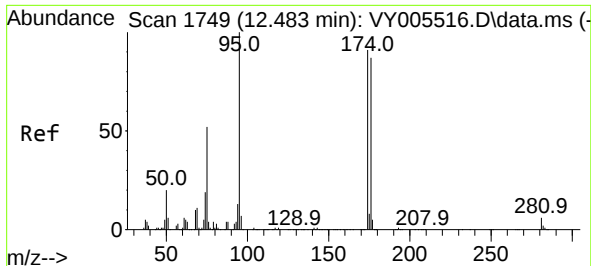
Tgt Ion:117 Resp: 16081
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.088 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

Tgt Ion: 98 Resp: 392576
Ion Ratio Lower Upper
98 100
100 62.6 51.3 76.9

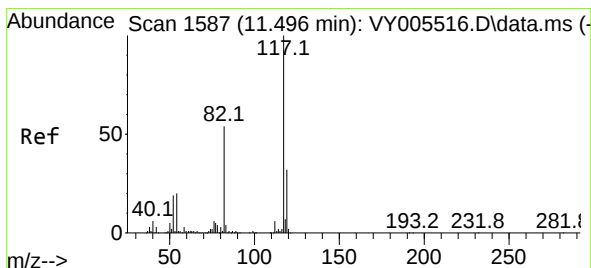
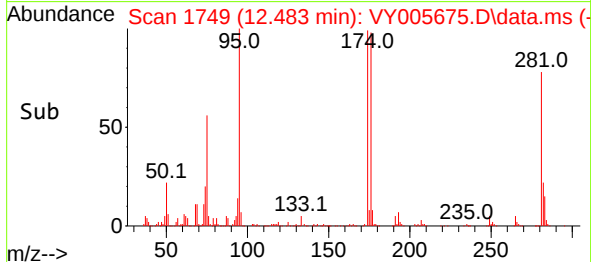
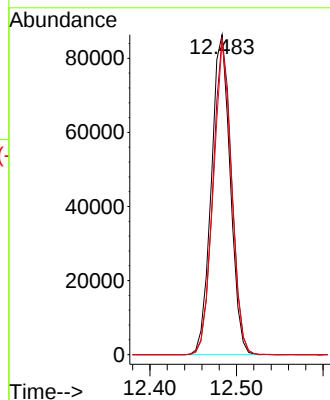
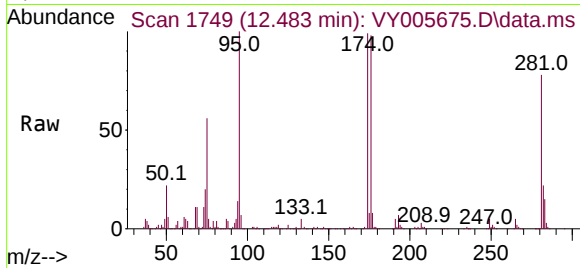




#62
4-Bromofluorobenzene
Concen: 54.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

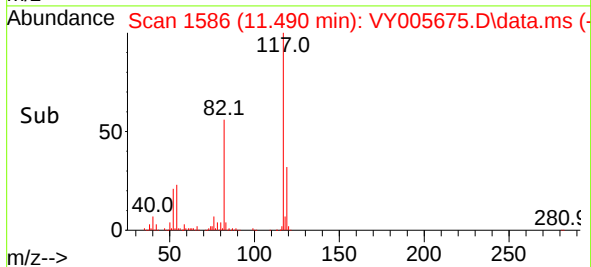
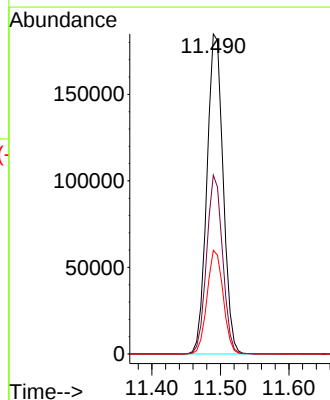
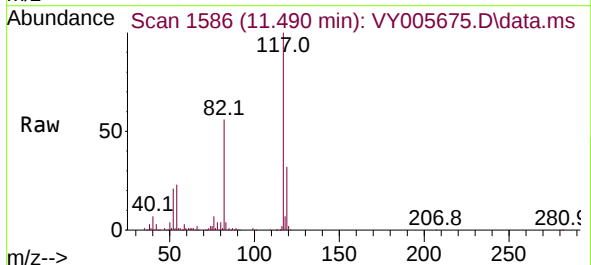
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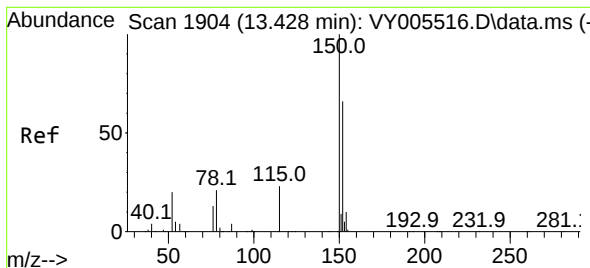
Tgt Ion: 95 Resp: 131057
Ion Ratio Lower Upper
95 100
174 97.6 0.0 191.4
176 94.4 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

Tgt Ion: 117 Resp: 304775
Ion Ratio Lower Upper
117 100
82 55.9 43.5 65.3
119 32.4 25.5 38.3

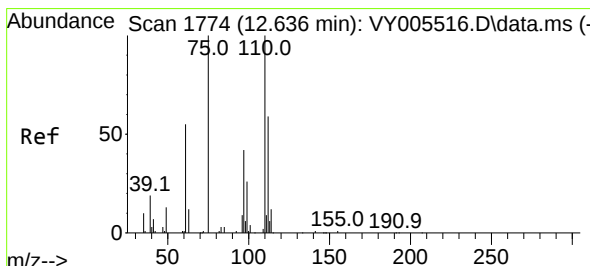
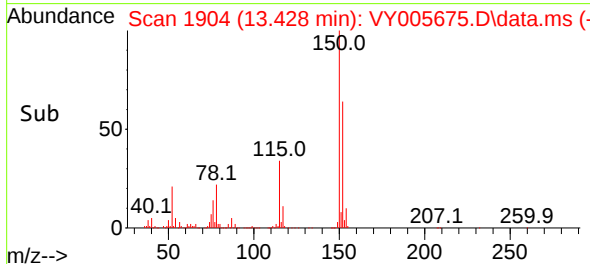
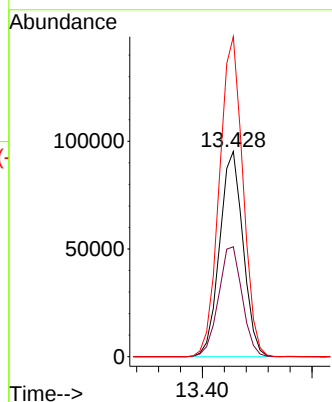
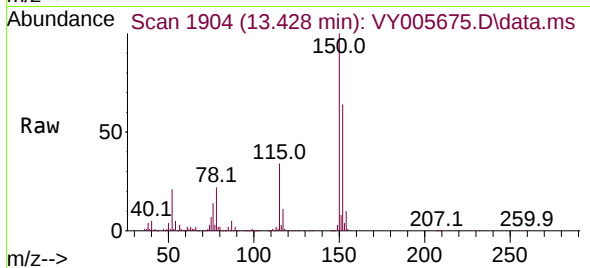




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005675.D
 Acq: 16 Aug 2021 17:04

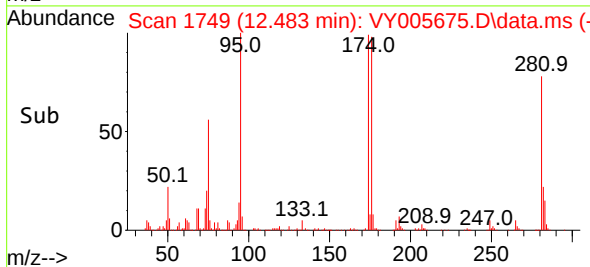
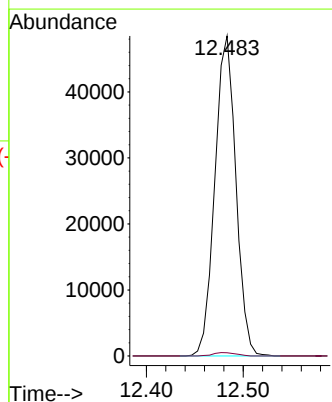
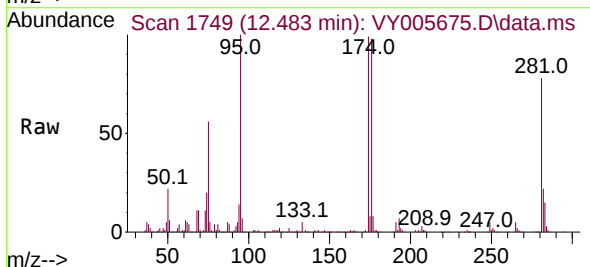
Instrument :
 MSVOA_Y
 ClientSampled :
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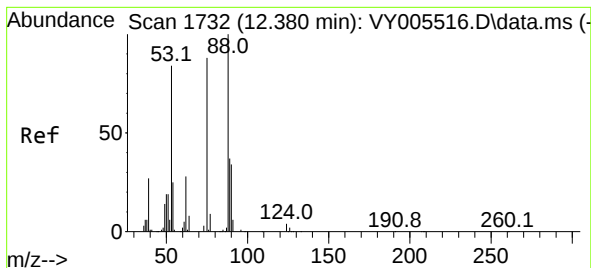
Tgt Ion:152 Resp: 141214
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.3 81.9
 150 156.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 49.967 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005675.D
 Acq: 16 Aug 2021 17:04

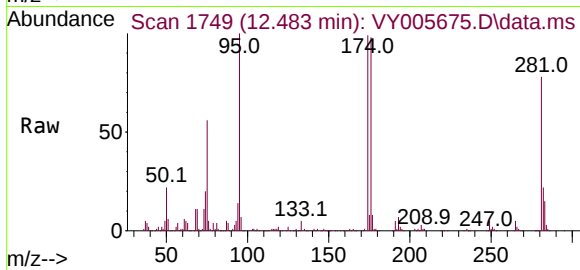
Tgt Ion: 75 Resp: 73121
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.727 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005675.D
 Acq: 16 Aug 2021 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 6



Tgt Ion: 75 Resp: 73121
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.8 38.4 57.6#

