

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006145.D
 Acq On : 24 Sep 2021 17:52
 Operator : SY/MD
 Sample : M3927-15
 Misc : 6.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-02

Quant Time: Sep 25 05:47:06 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	127629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88033	49.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.320%
35) Dibromofluoromethane	7.722	113	62806	47.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.660%
50) Toluene-d8	10.185	98	263411	47.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.483	95	81879	43.088	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.180%

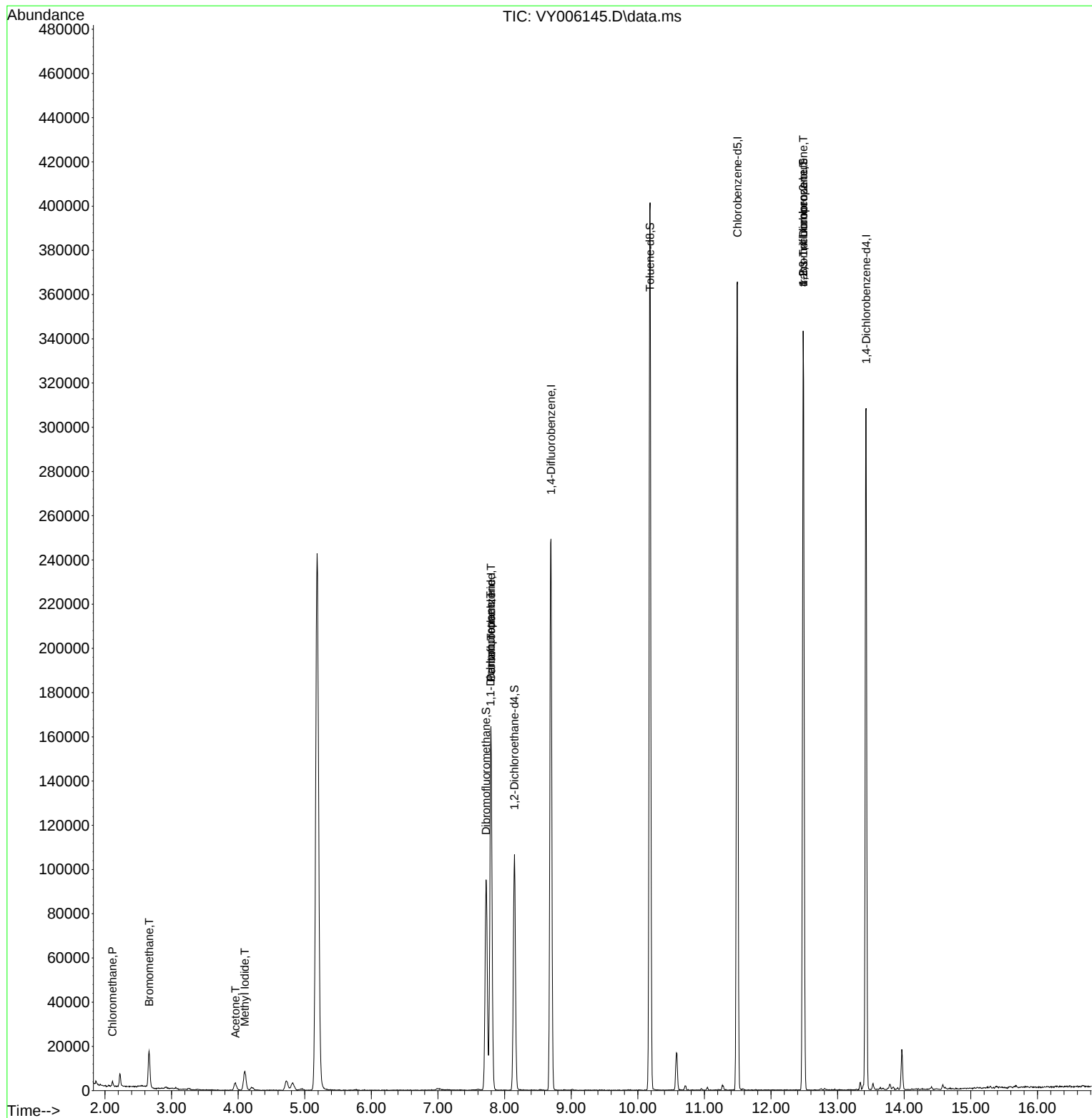
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	2246	1.340	ug/l	97
5) Bromomethane	2.662	94	10511	8.559	ug/l	92
10) Methyl Iodide	4.101	142	13271	10.175	ug/l	98
11) Tert butyl alcohol	4.960	59	1413	Below Cal	#	77
16) Acetone	3.960	43	5808	11.944	ug/l	95
20) Methylene Chloride	4.722	84	3308	Below Cal	#	84
36) 1,1-Dichloropropene	7.789	75	9411	4.124	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12354	4.973	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45956	54.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45956	99.803	ug/l #	7

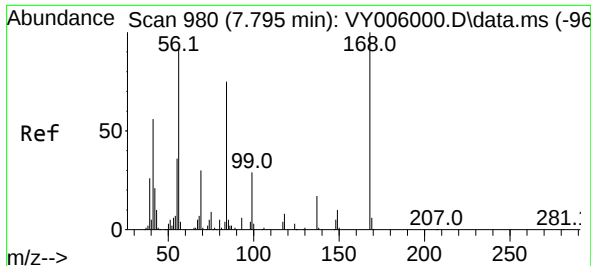
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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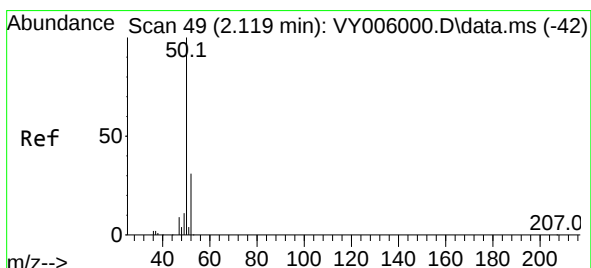
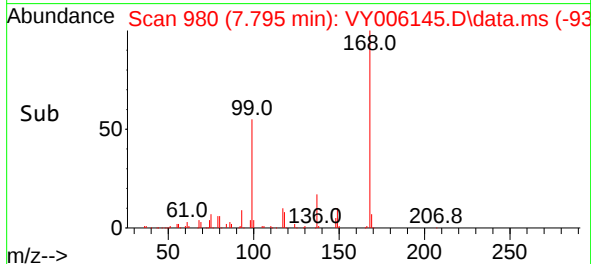
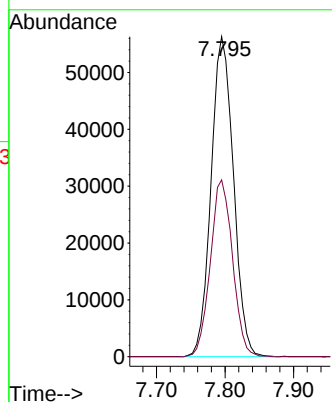
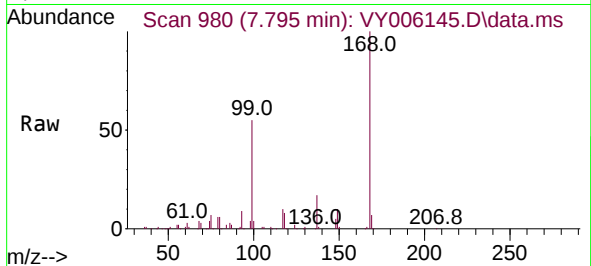




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

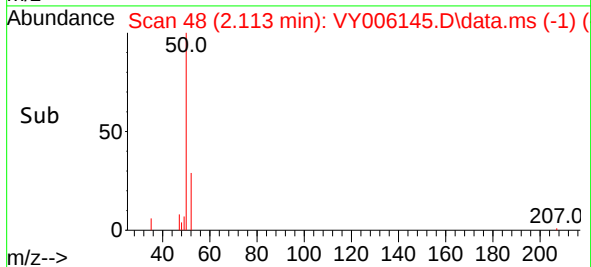
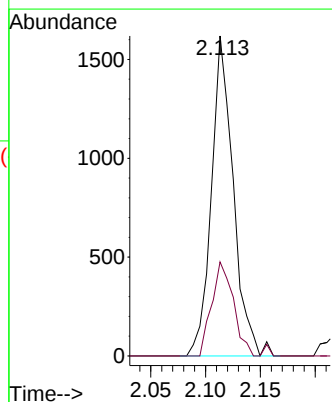
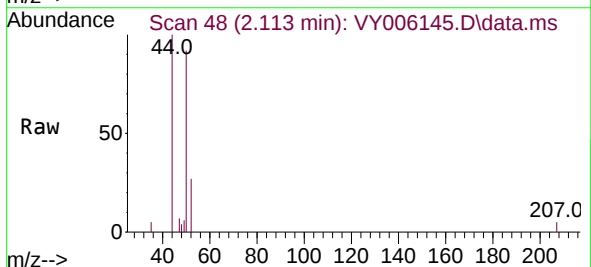
Instrument :
MSVOA_Y
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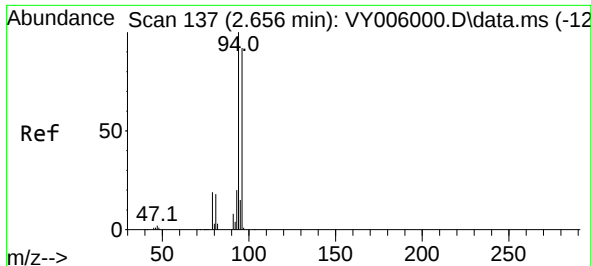
Tgt Ion:168 Resp: 127629
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#3
Chloromethane
Concen: 1.340 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion: 50 Resp: 2246
Ion Ratio Lower Upper
50 100
52 29.4 24.6 37.0

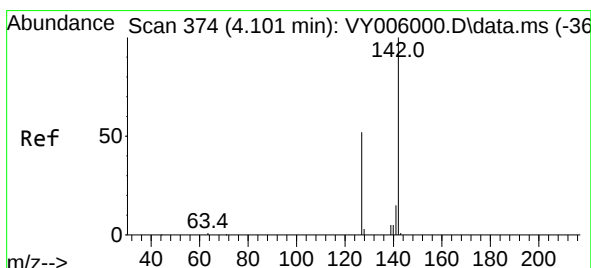
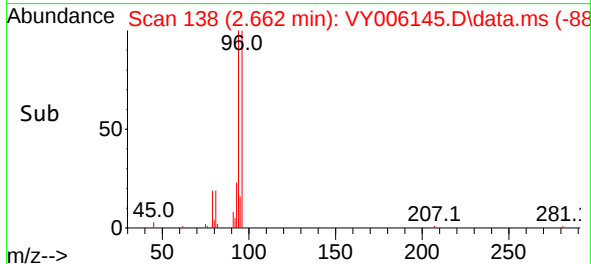
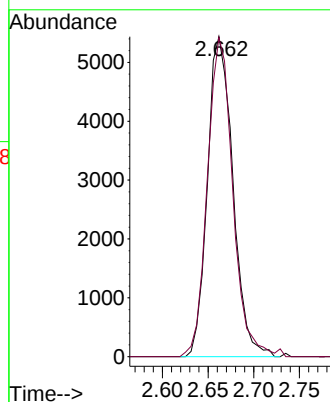
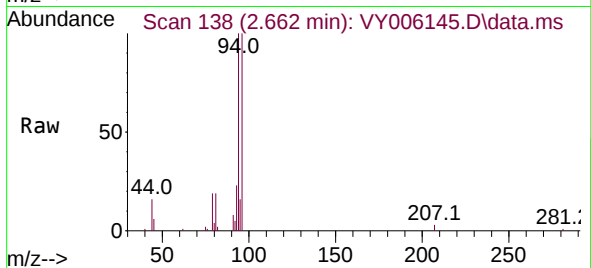




#5
Bromomethane
Concen: 8.559 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

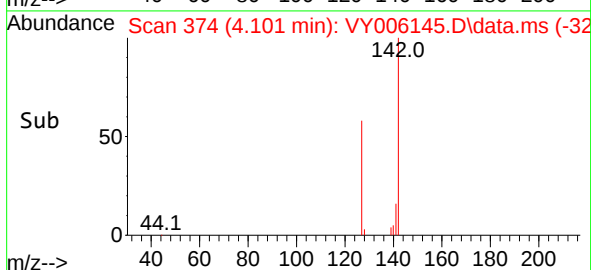
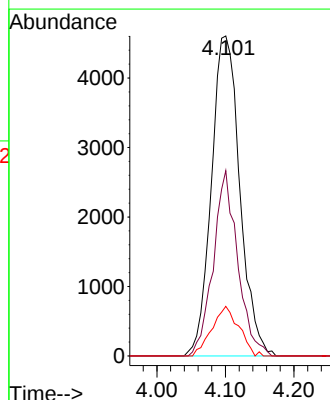
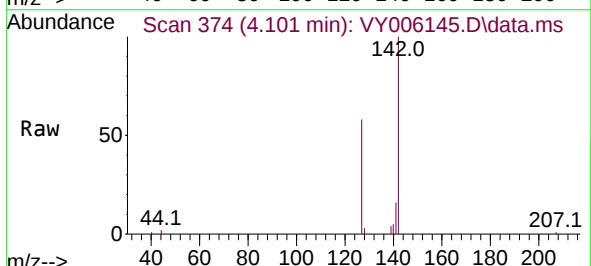
Instrument :
MSVOA_Y
ClientSampleId :
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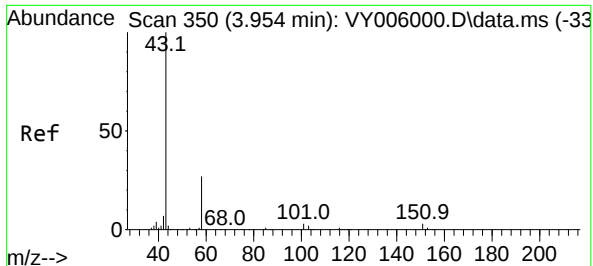
Tgt Ion: 94 Resp: 10511
Ion Ratio Lower Upper
94 100
96 99.7 73.5 110.3



#10
Methyl Iodide
Concen: 10.175 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion:142 Resp: 13271
Ion Ratio Lower Upper
142 100
127 49.8 41.5 62.3
141 14.8 11.9 17.9

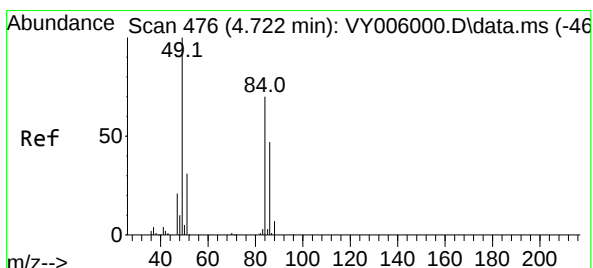
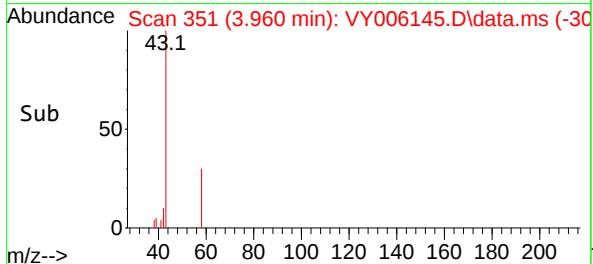
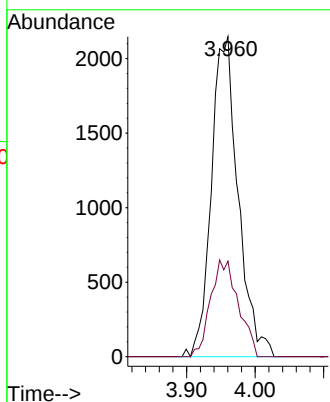
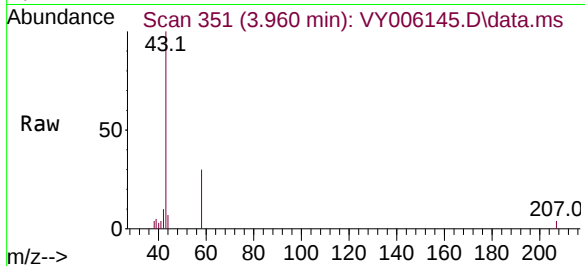




#16
Acetone
Concen: 11.944 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

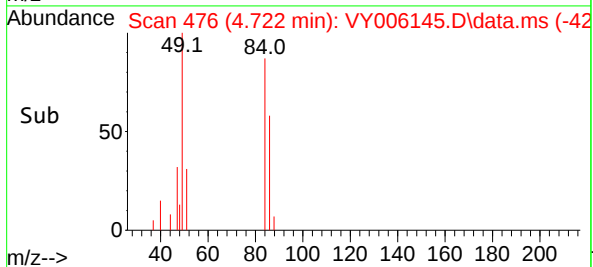
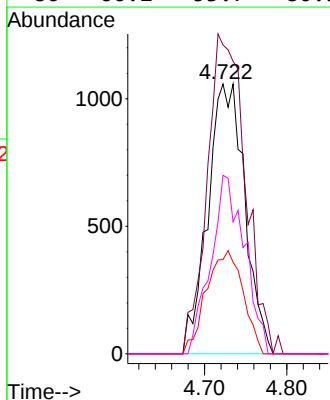
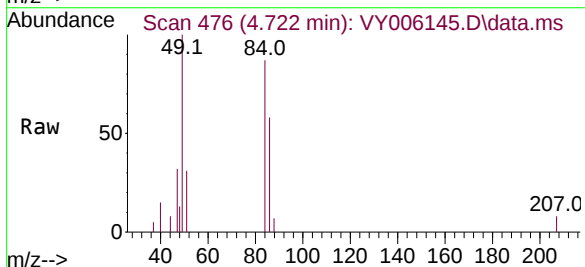
Instrument :
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ClientSampleId :
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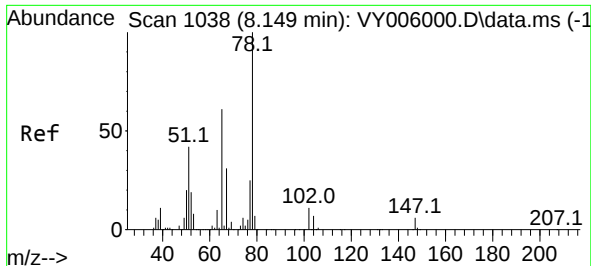
Tgt Ion: 43 Resp: 5808
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion: 84 Resp: 3308
Ion Ratio Lower Upper
84 100
49 114.5 114.4 171.6
51 35.0 35.3 52.9#
86 66.2 53.7 80.5

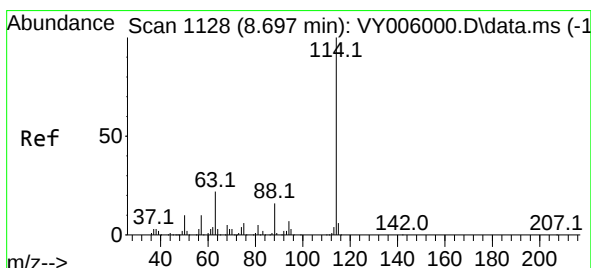
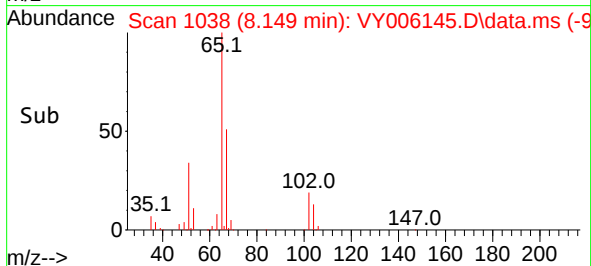
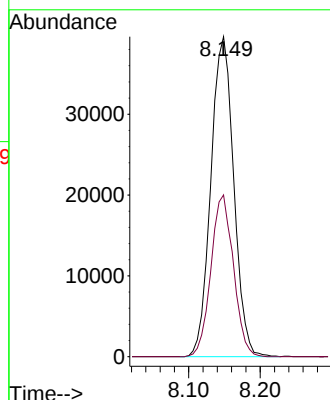
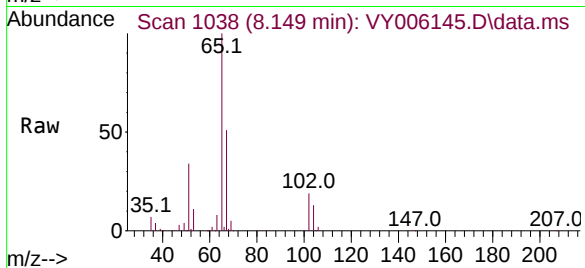




#33
1,2-Dichloroethane-d4
Concen: 49.656 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

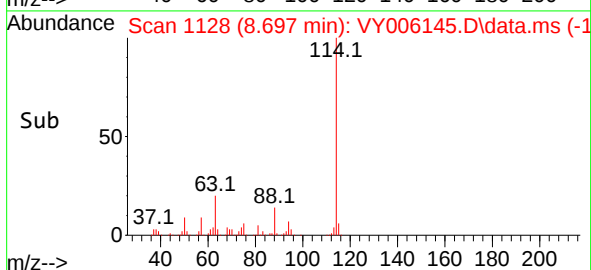
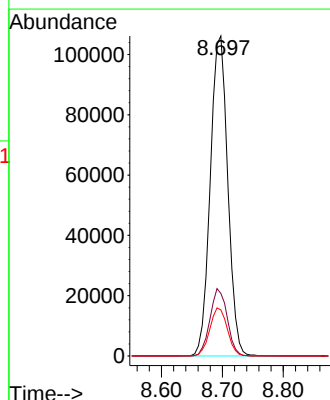
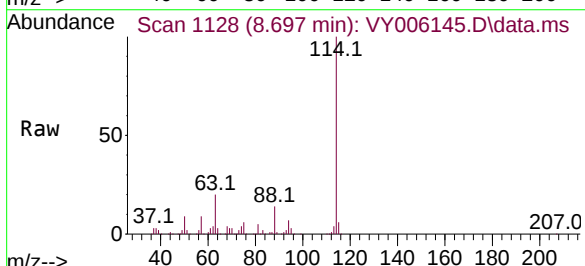
Instrument :
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ClientSampleId :
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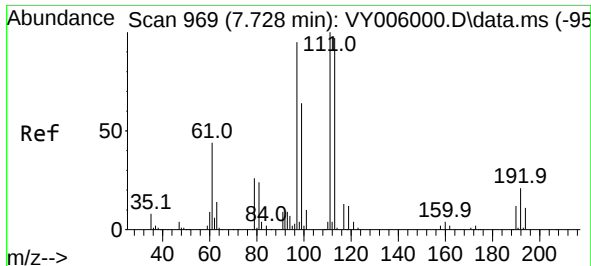
Tgt Ion: 65 Resp: 88033
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion: 114 Resp: 211429
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 14.4 0.0 31.8

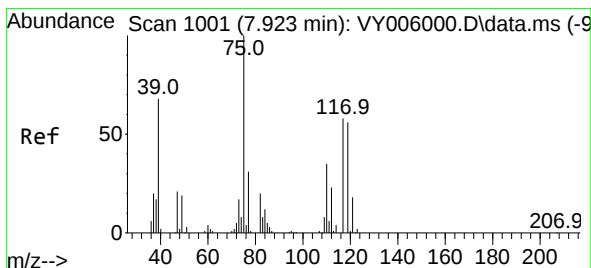
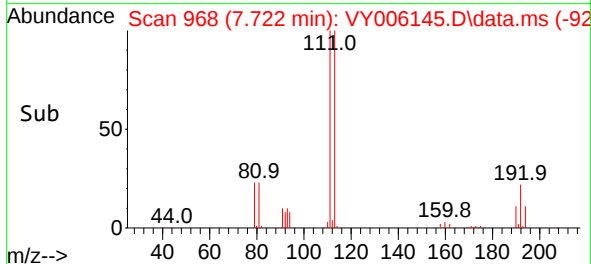
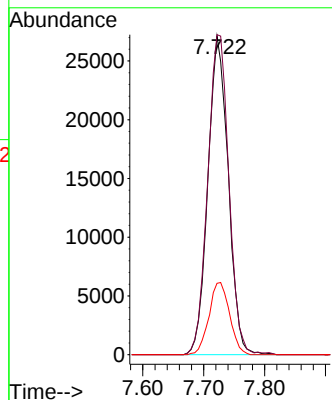
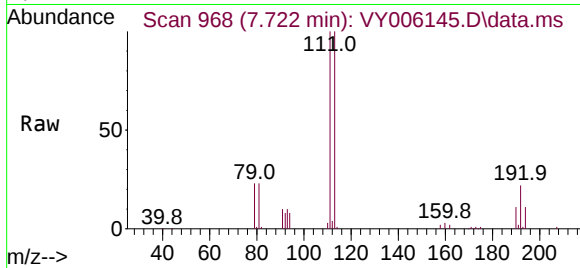




#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

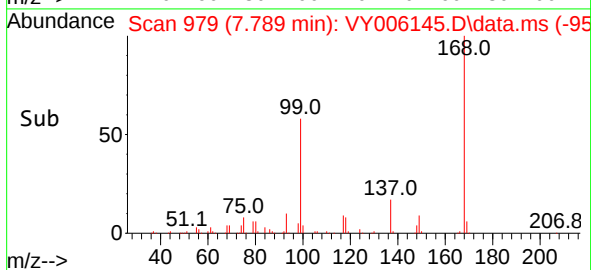
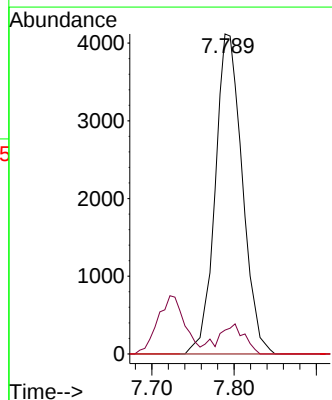
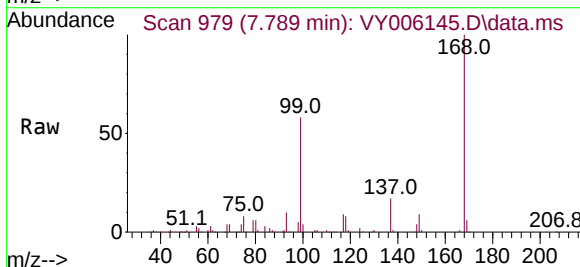
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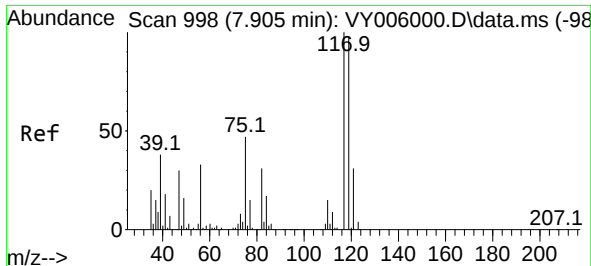
Tgt Ion:113 Resp: 62806
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 23.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.124 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

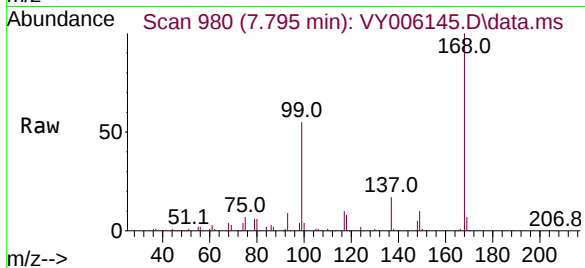
Tgt Ion: 75 Resp: 9411
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



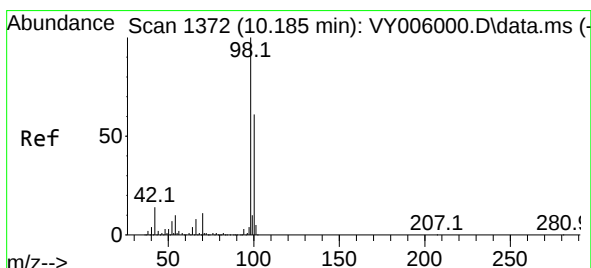
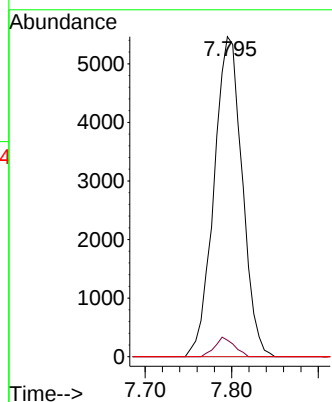
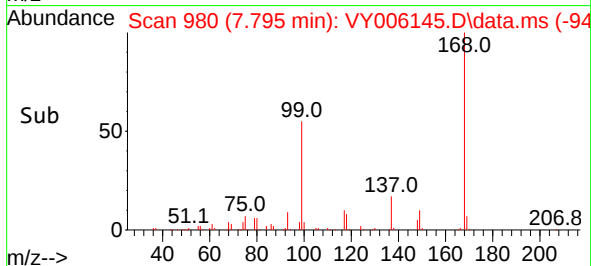


#38
Carbon Tetrachloride
Concen: 4.973 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

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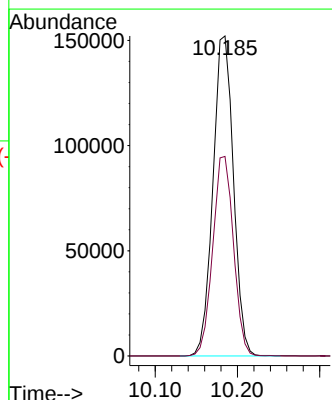
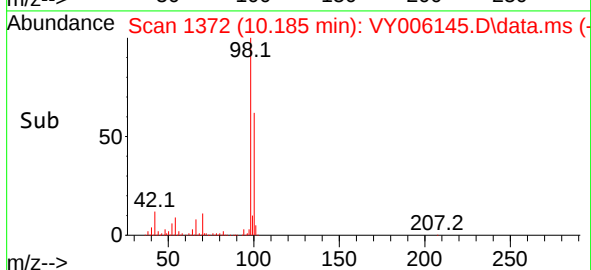
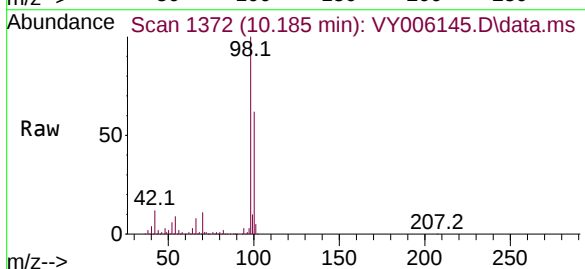


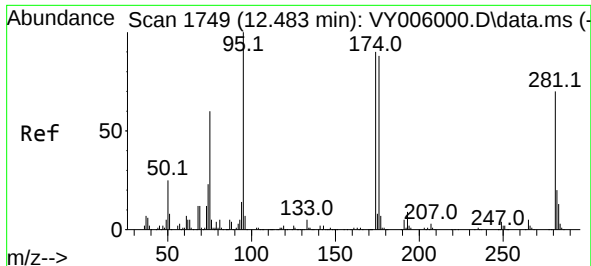
Tgt Ion: 117 Resp: 12354
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.063 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion: 98 Resp: 263411
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

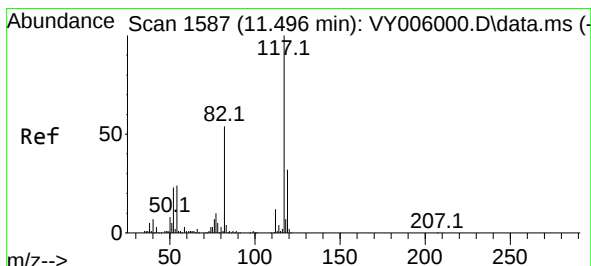
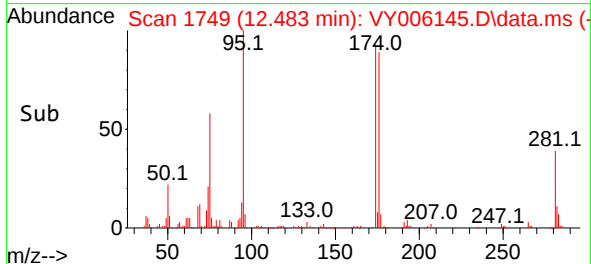
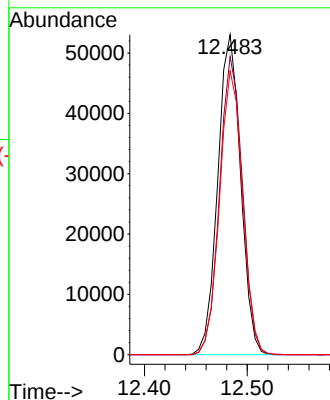
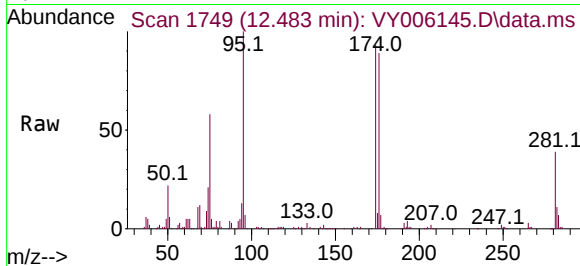




#62
4-Bromofluorobenzene
Concen: 43.088 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

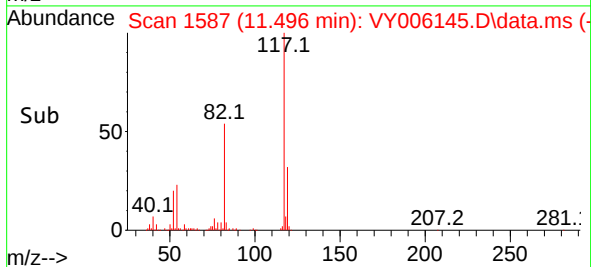
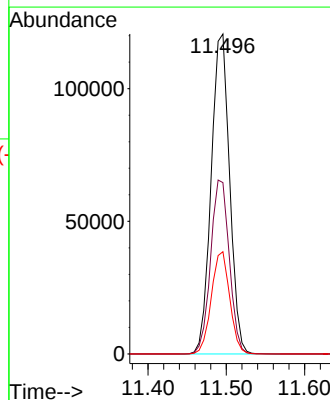
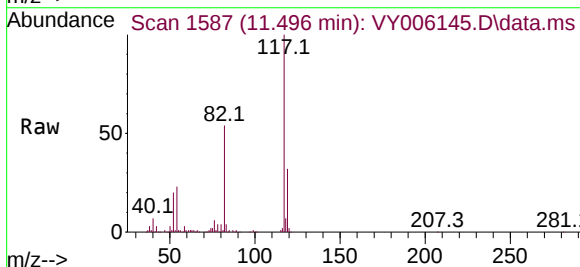
Instrument :
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ClientSampleId :
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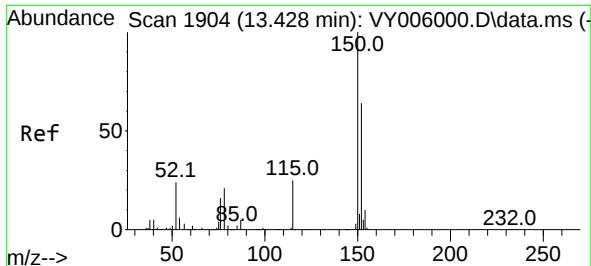
Tgt Ion: 95 Resp: 81879
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 89.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion: 117 Resp: 197268
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.9 25.4 38.0

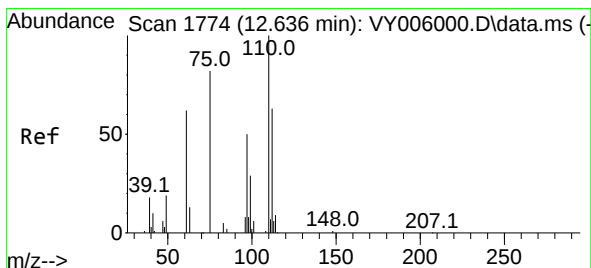
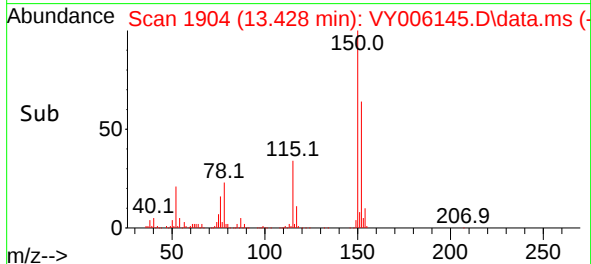
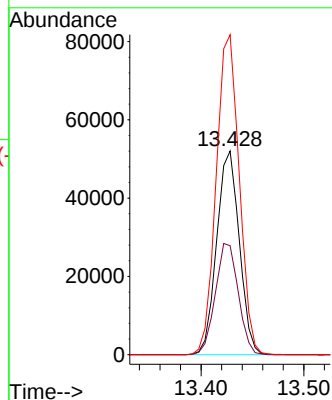
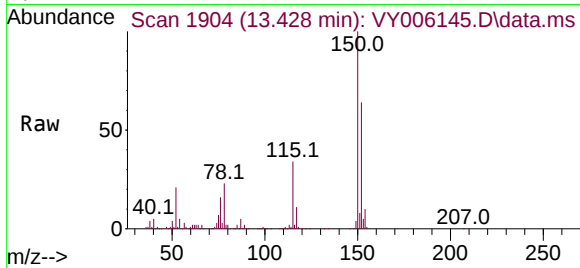




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006145.D
 Acq: 24 Sep 2021 17:52

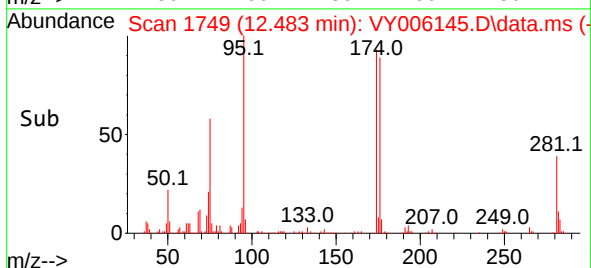
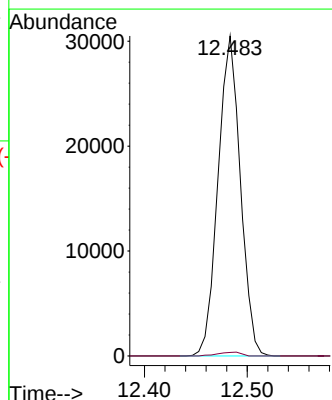
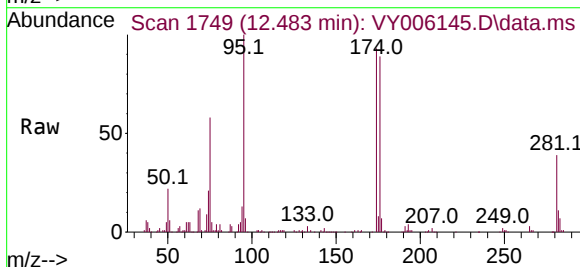
Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-02

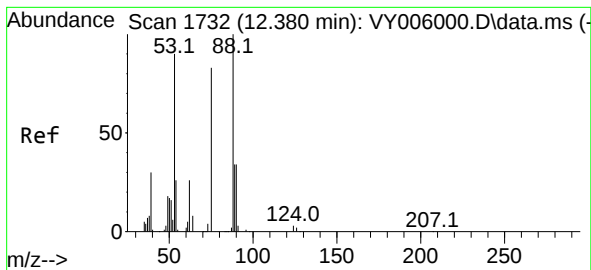
Tgt Ion:152 Resp: 79402
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 159.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.285 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006145.D
 Acq: 24 Sep 2021 17:52

Tgt Ion: 75 Resp: 45956
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.803 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006145.D
 Acq: 24 Sep 2021 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-02

Tgt Ion: 75 Resp: 45956
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.3 37.0 55.4#

