

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006144.D
 Acq On : 24 Sep 2021 17:28
 Operator : SY/MD
 Sample : M3927-13
 Misc : 5.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-01

Quant Time: Sep 25 05:46:50 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)

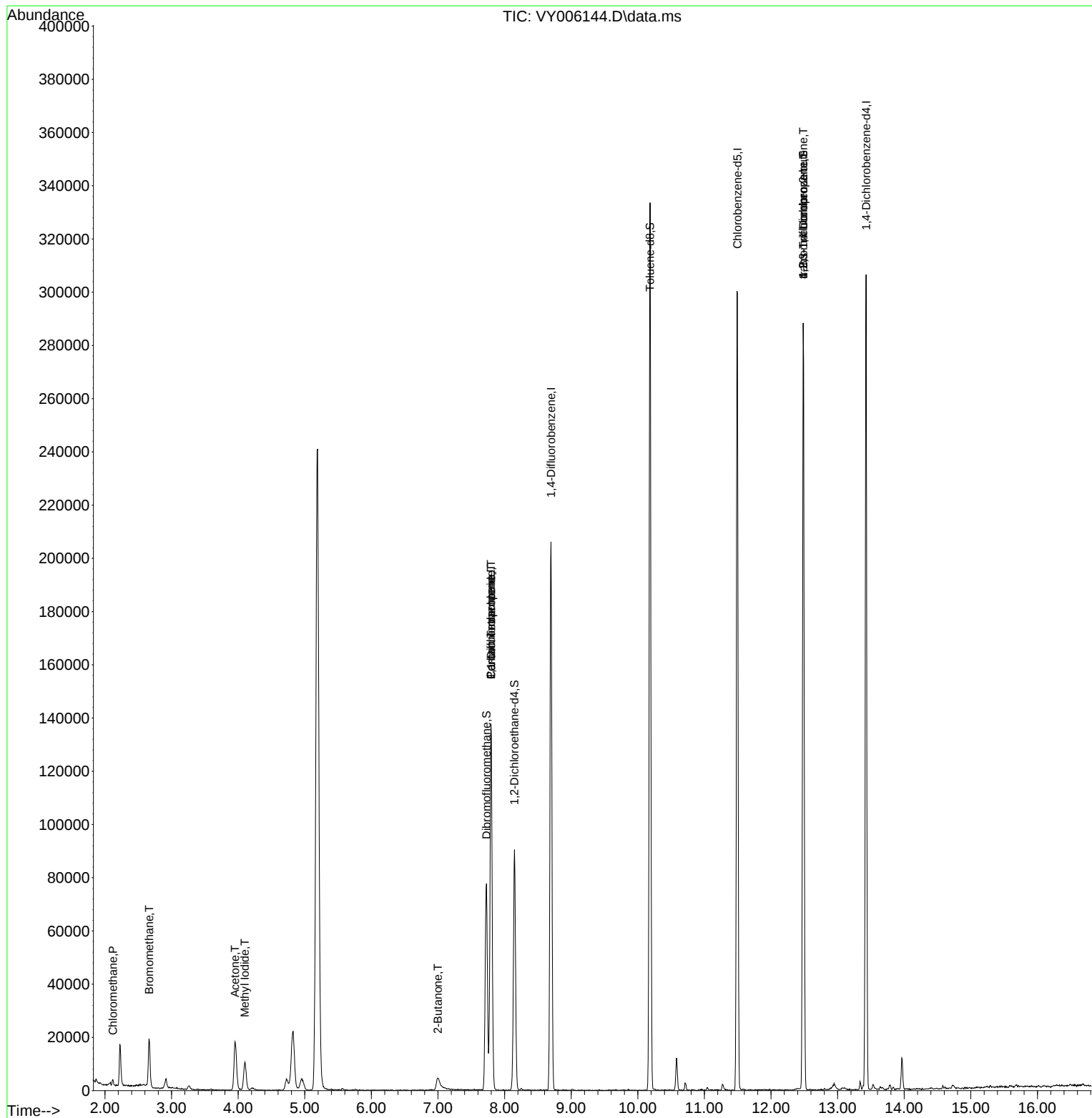
Internal Standards						
1) Pentafluorobenzene	7.795	168	107847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	161016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73094	48.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.580%
35) Dibromofluoromethane	7.728	113	51915	48.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.260%
50) Toluene-d8	10.185	98	213065	46.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.483	95	66081	42.777	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	2064	1.457	ug/l #	85
5) Bromomethane	2.662	94	11586	11.164	ug/l	96
10) Methyl Iodide	4.100	142	16367	14.851	ug/l	97
11) Tert butyl alcohol	4.960	59	8229	Below Cal	#	87
16) Acetone	3.954	43	32352	78.737	ug/l	97
20) Methylene Chloride	4.722	84	2835	Below Cal		94
25) 2-Butanone	6.996	43	730	1.289	ug/l #	54
36) 1,1-Dichloropropene	7.795	75	8409	4.533	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10276	5.088	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	38972	48.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38972	89.078	ug/l #	7

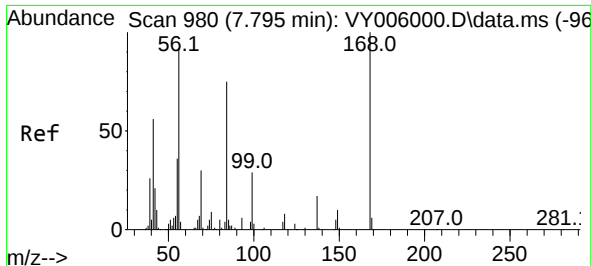
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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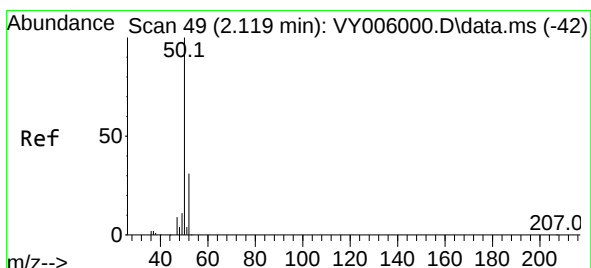
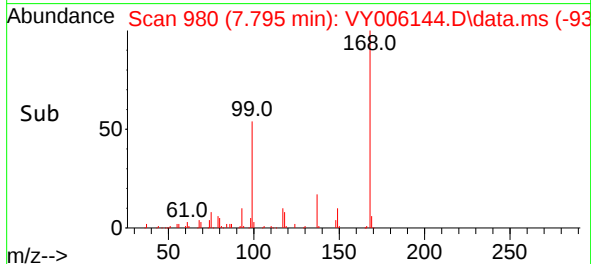
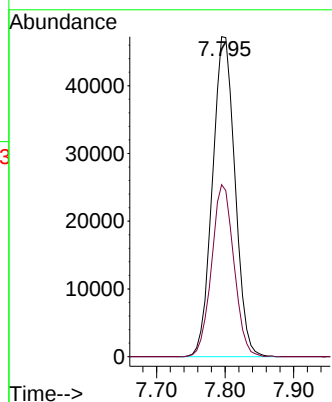
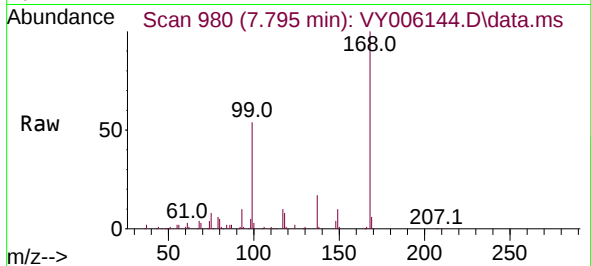




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

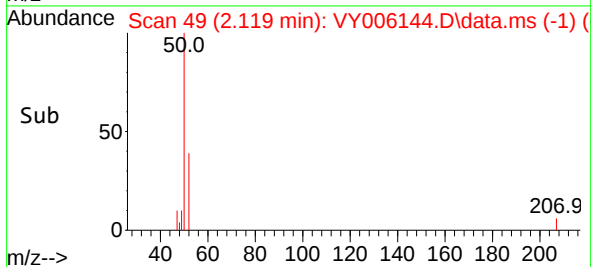
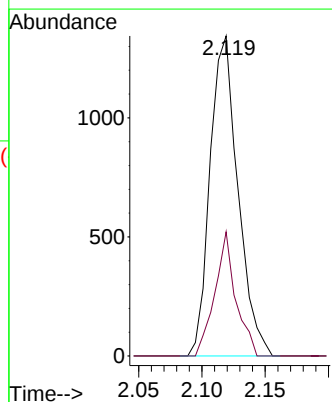
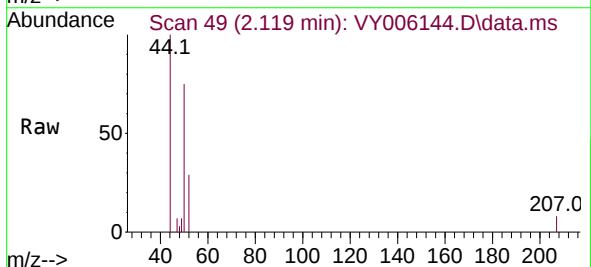
Instrument :
MSVOA_Y
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WOOSPK-BACKFILL-01

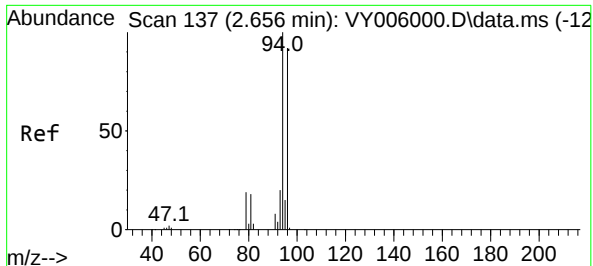
Tgt Ion:168 Resp: 107847
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#3
Chloromethane
Concen: 1.457 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion: 50 Resp: 2064
Ion Ratio Lower Upper
50 100
52 38.8 24.6 37.0#

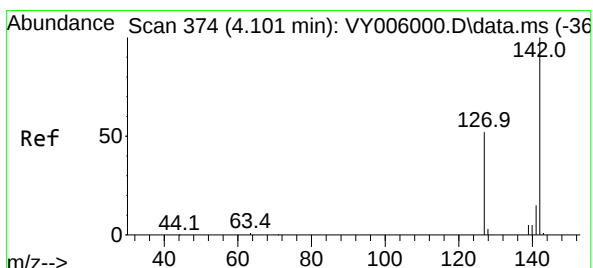
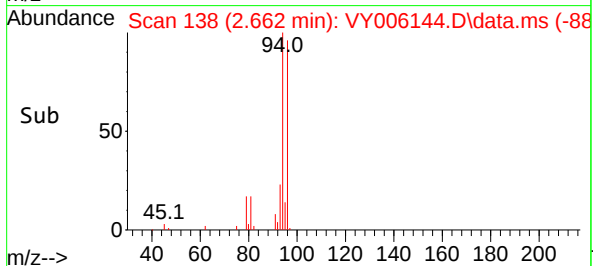
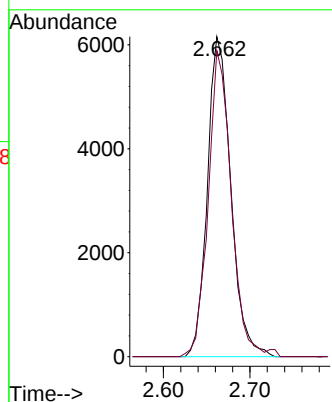
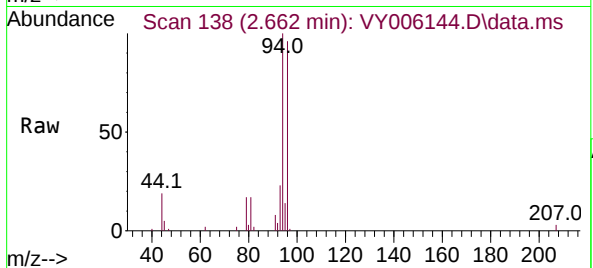




#5
Bromomethane
Concen: 11.164 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

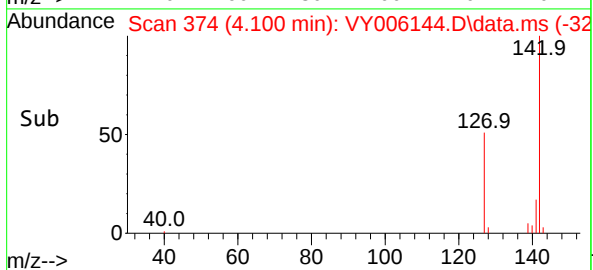
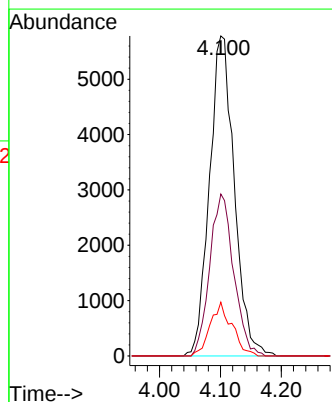
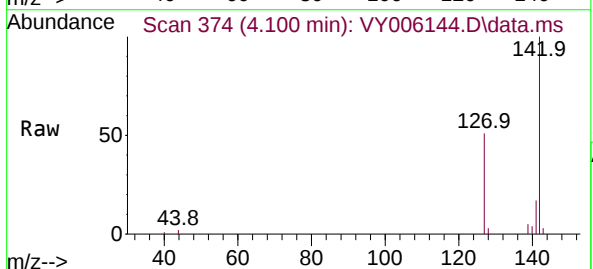
Instrument :
MSVOA_Y
ClientSampleId :
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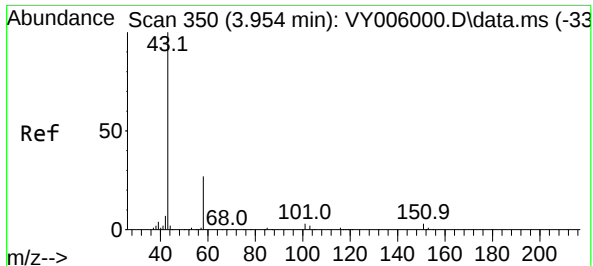
Tgt Ion: 94 Resp: 11586
Ion Ratio Lower Upper
94 100
96 95.6 73.5 110.3



#10
Methyl Iodide
Concen: 14.851 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion: 142 Resp: 16367
Ion Ratio Lower Upper
142 100
127 48.8 41.5 62.3
141 14.8 11.9 17.9

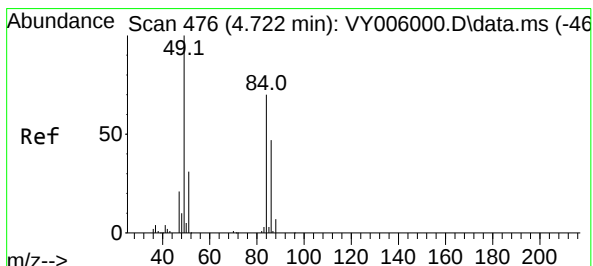
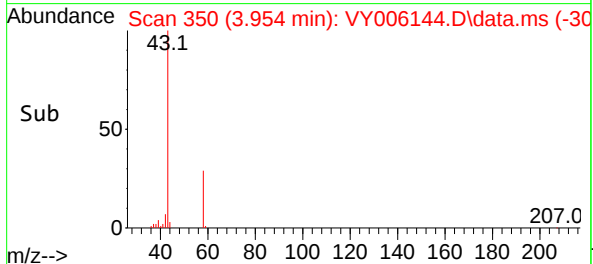
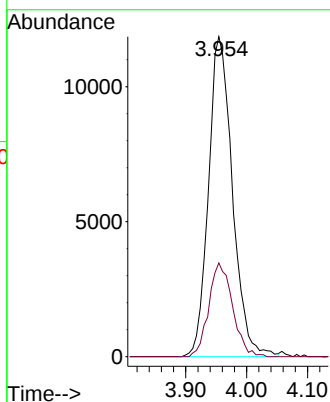
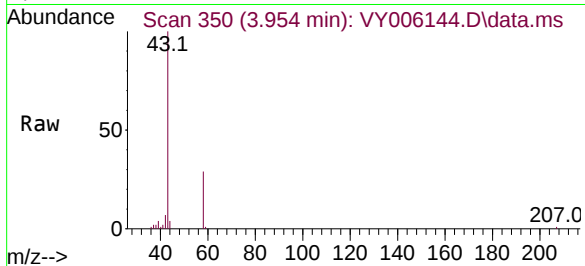




#16
Acetone
Concen: 78.737 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

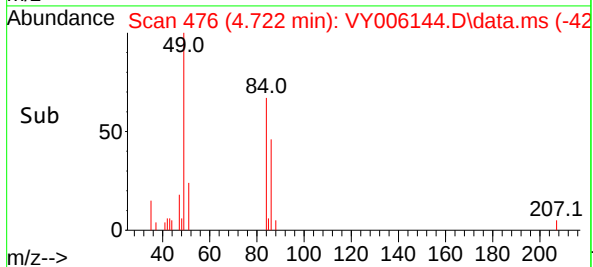
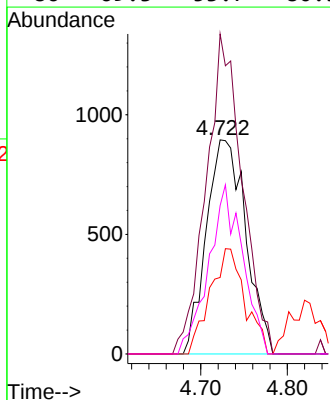
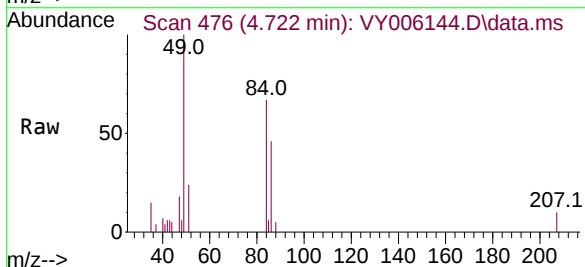
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-01

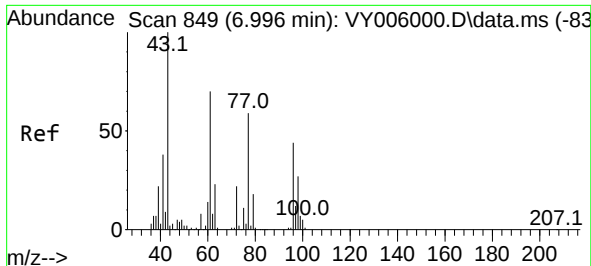
Tgt Ion: 43 Resp: 32352
Ion Ratio Lower Upper
43 100
58 29.3 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion: 84 Resp: 2835
Ion Ratio Lower Upper
84 100
49 149.5 114.4 171.6
51 35.8 35.3 52.9
86 69.3 53.7 80.5

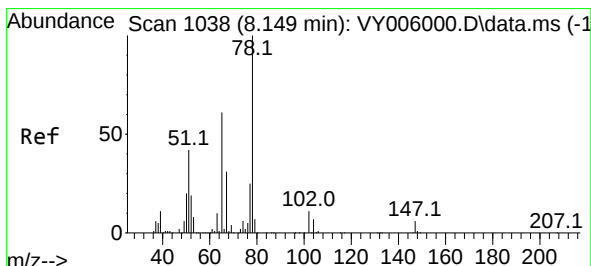
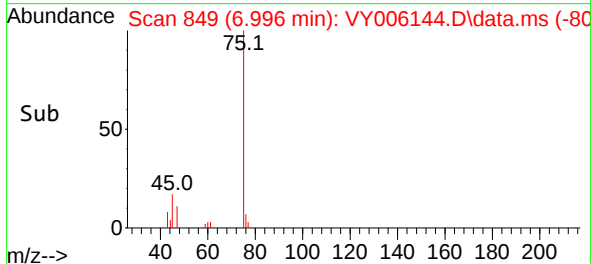
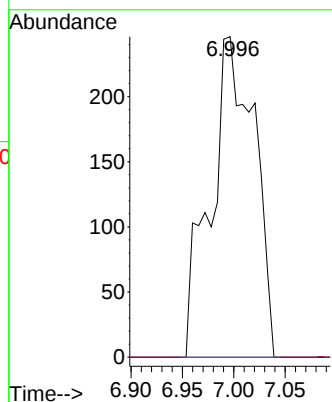
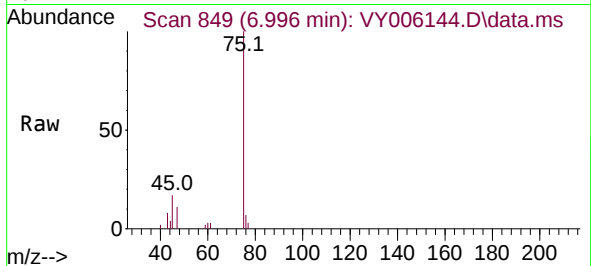




#25
2-Butanone
Concen: 1.289 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

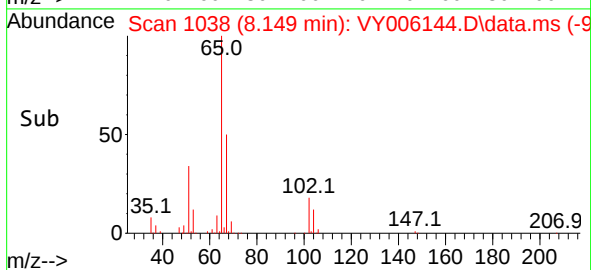
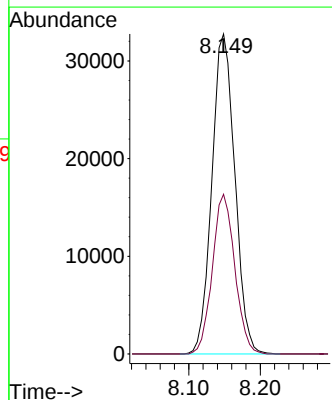
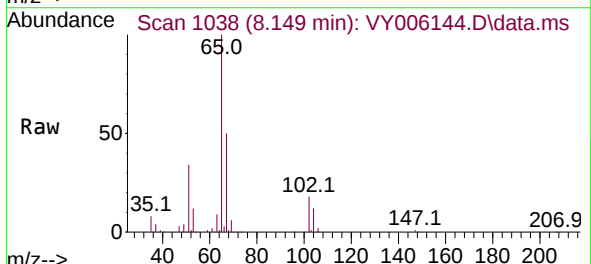
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-01

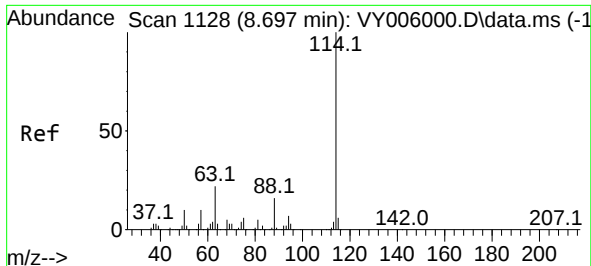
Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 48.793 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion: 65 Resp: 73094
Ion Ratio Lower Upper
65 100
67 48.8 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: VY006144.D

Acq: 24 Sep 2021 17:28

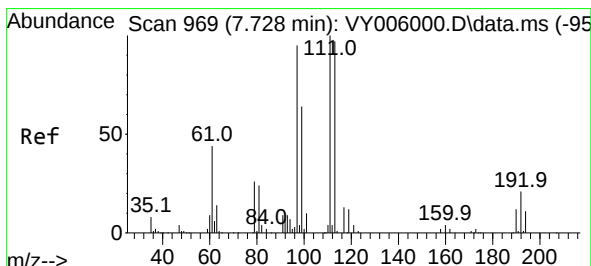
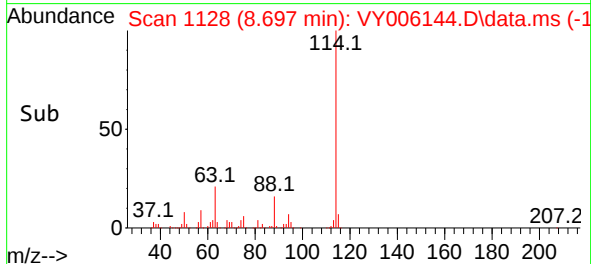
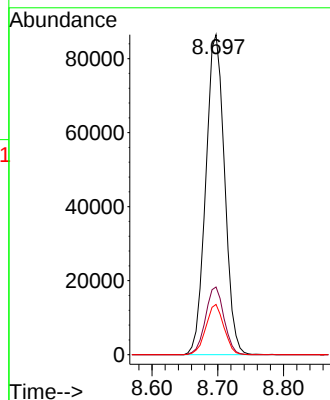
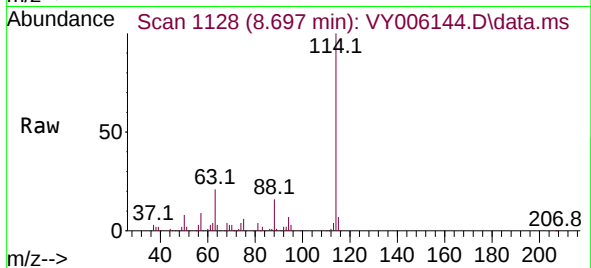
Instrument :

MSVOA_Y

ClientSampleId :

WOOSPK-BACKFILL-01

Tgt Ion:114	Resp:	171877
Ion Ratio	Lower	Upper
114	100	
63	21.1	0.0 43.2
88	15.7	0.0 31.8



#35

Dibromofluoromethane

Concen: 48.630 ug/l

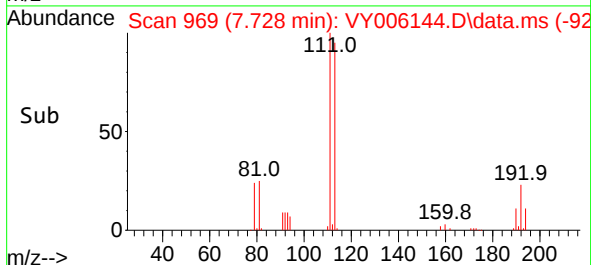
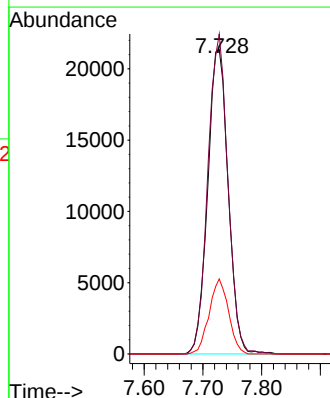
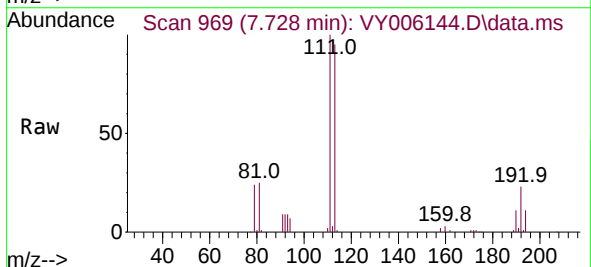
RT: 7.728 min Scan# 969

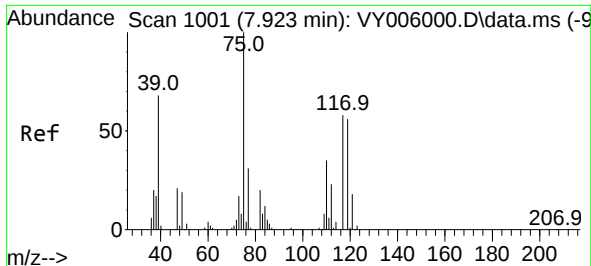
Delta R.T. -0.000 min

Lab File: VY006144.D

Acq: 24 Sep 2021 17:28

Tgt Ion:113	Resp:	51915
Ion Ratio	Lower	Upper
113	100	
111	102.3	82.6 124.0
192	23.2	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.533 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006144.D

Acq: 24 Sep 2021 17:28

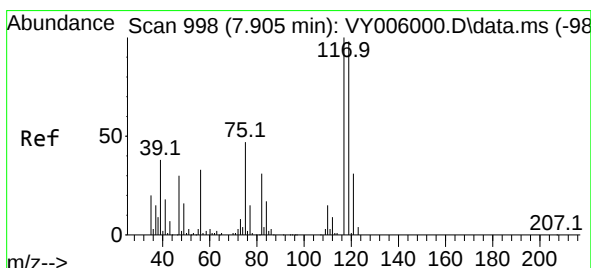
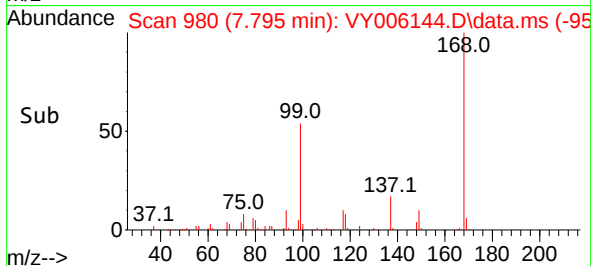
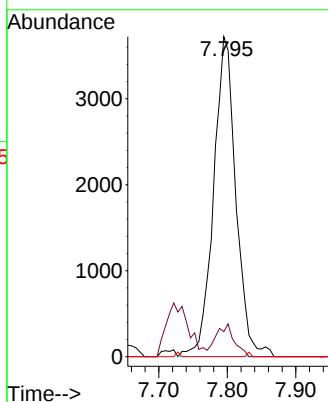
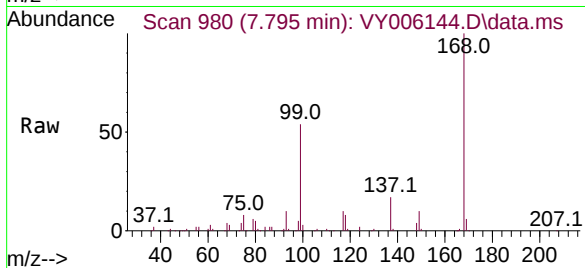
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Tgt Ion:	75	Resp:	8409
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.088 ug/l

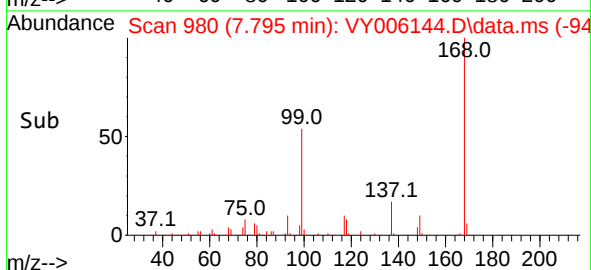
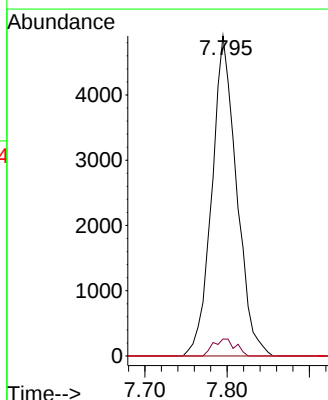
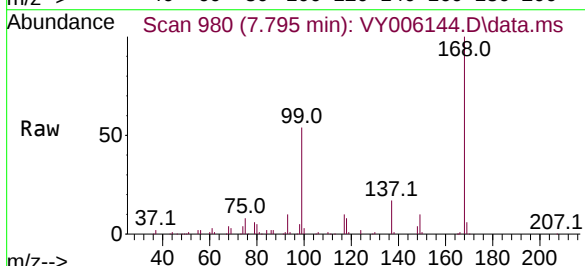
RT: 7.795 min Scan# 980

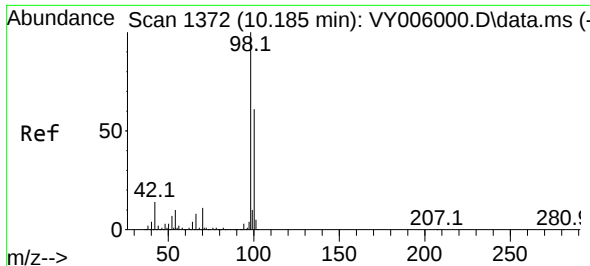
Delta R.T. -0.110 min

Lab File: VY006144.D

Acq: 24 Sep 2021 17:28

Tgt Ion:	117	Resp:	10276
Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.9	116.9#
121	0.0	24.8	37.2#

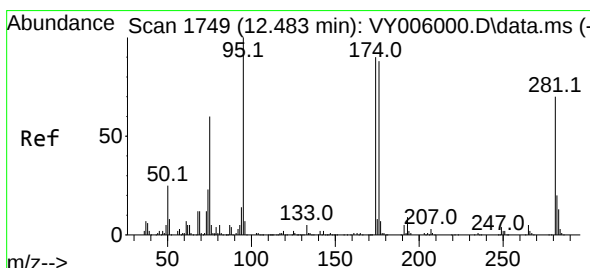
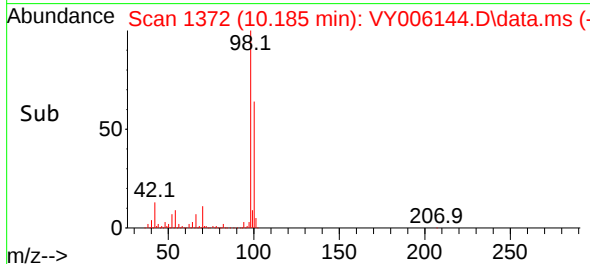
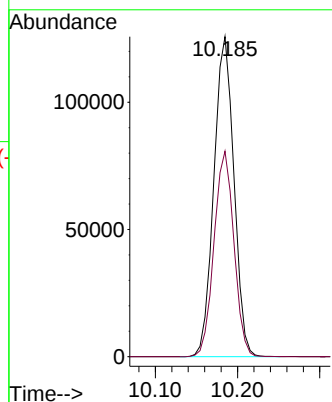
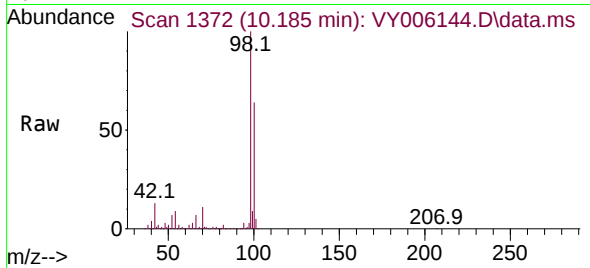




#50
Toluene-d8
Concen: 46.828 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

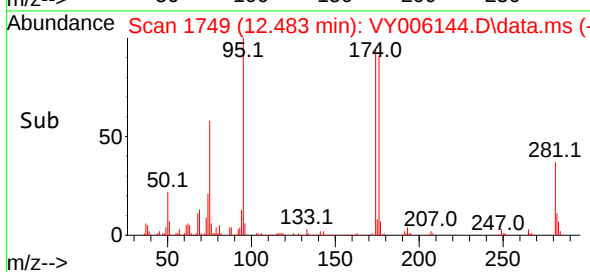
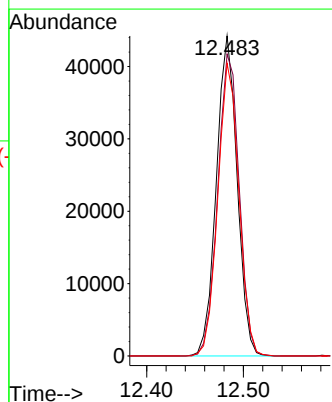
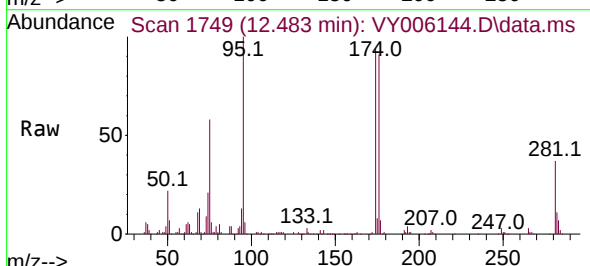
Instrument :
MSVOA_Y
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WOOSPK-BACKFILL-01

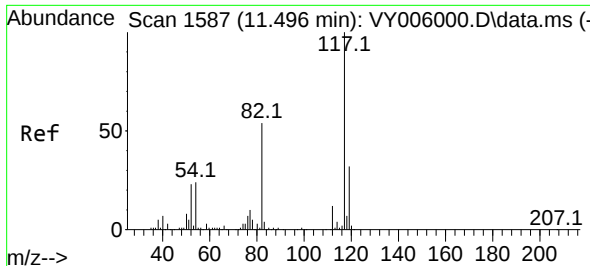
Tgt Ion: 98 Resp: 213065
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.777 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion: 95 Resp: 66081
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 92.4 0.0 175.8

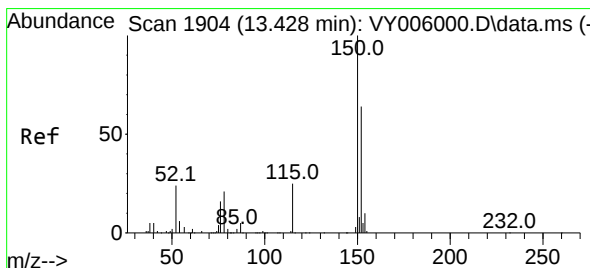
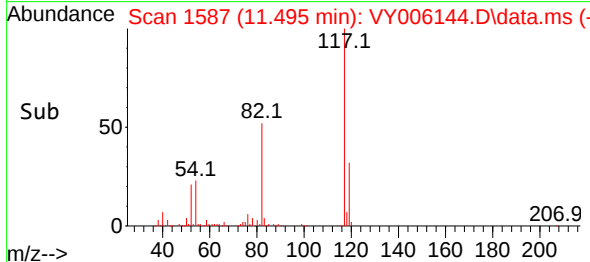
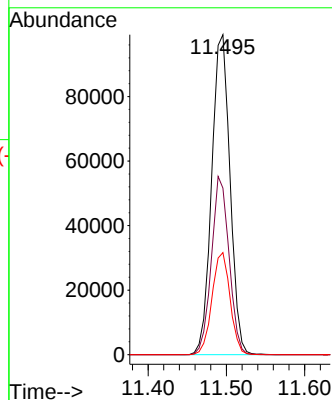
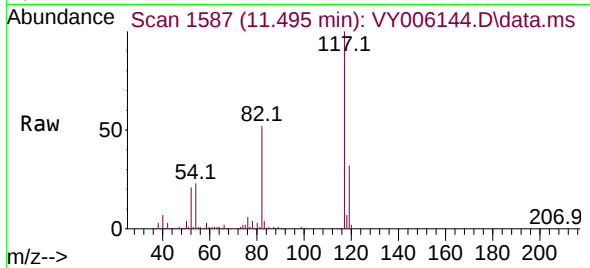




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

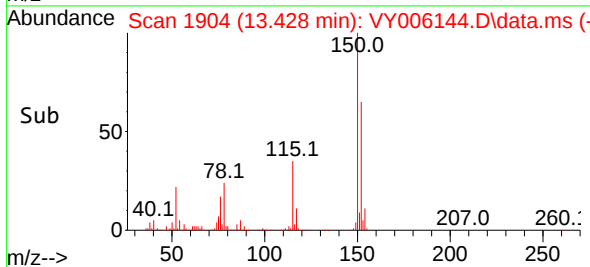
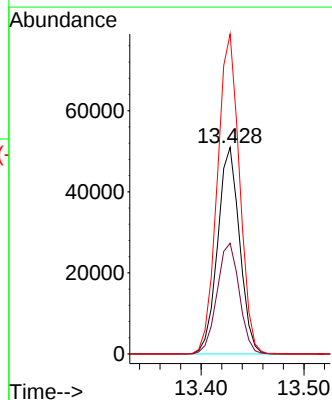
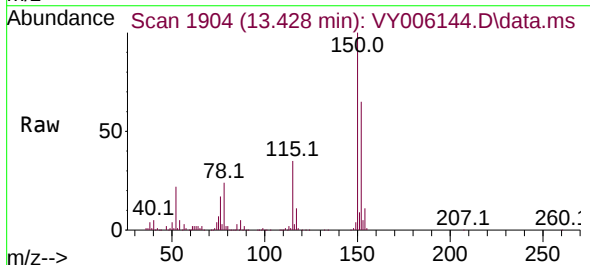
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-01

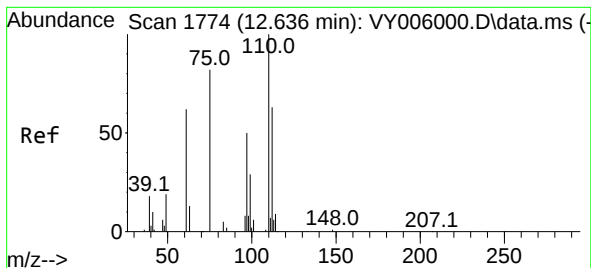
Tgt Ion:	117	Resp:	161016
Ion Ratio	Lower	Upper	
117	100		
82	52.1	43.0	64.4
119	31.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion:	152	Resp:	75442
Ion Ratio	Lower	Upper	
152	100		
115	54.6	28.2	84.7
150	156.4	0.0	347.6

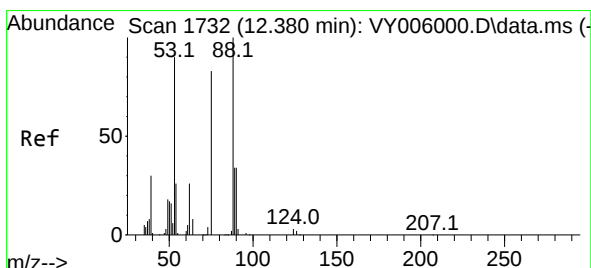
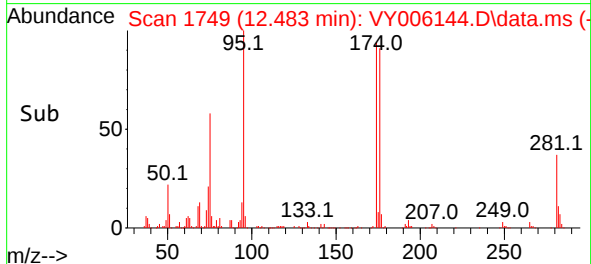
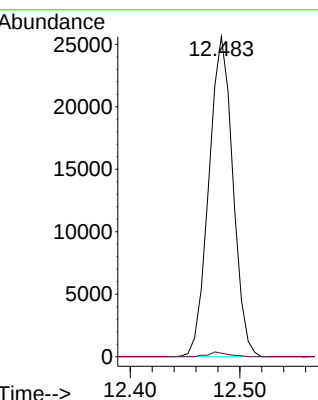
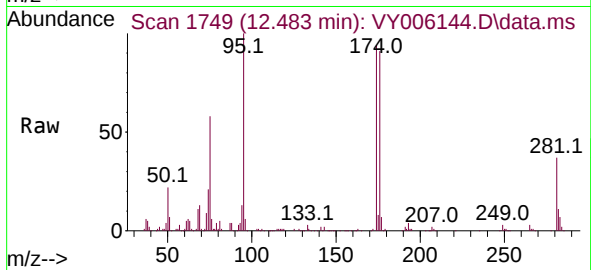




#76
1,2,3-Trichloropropane
Concen: 48.451 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-01

Tgt Ion: 75 Resp: 38972
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.078 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion: 75 Resp: 38972
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#

