

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006147.D
 Acq On : 24 Sep 2021 18:38
 Operator : SY/MD
 Sample : M3927-19
 Misc : 6.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-04

Quant Time: Sep 25 05:47:38 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)

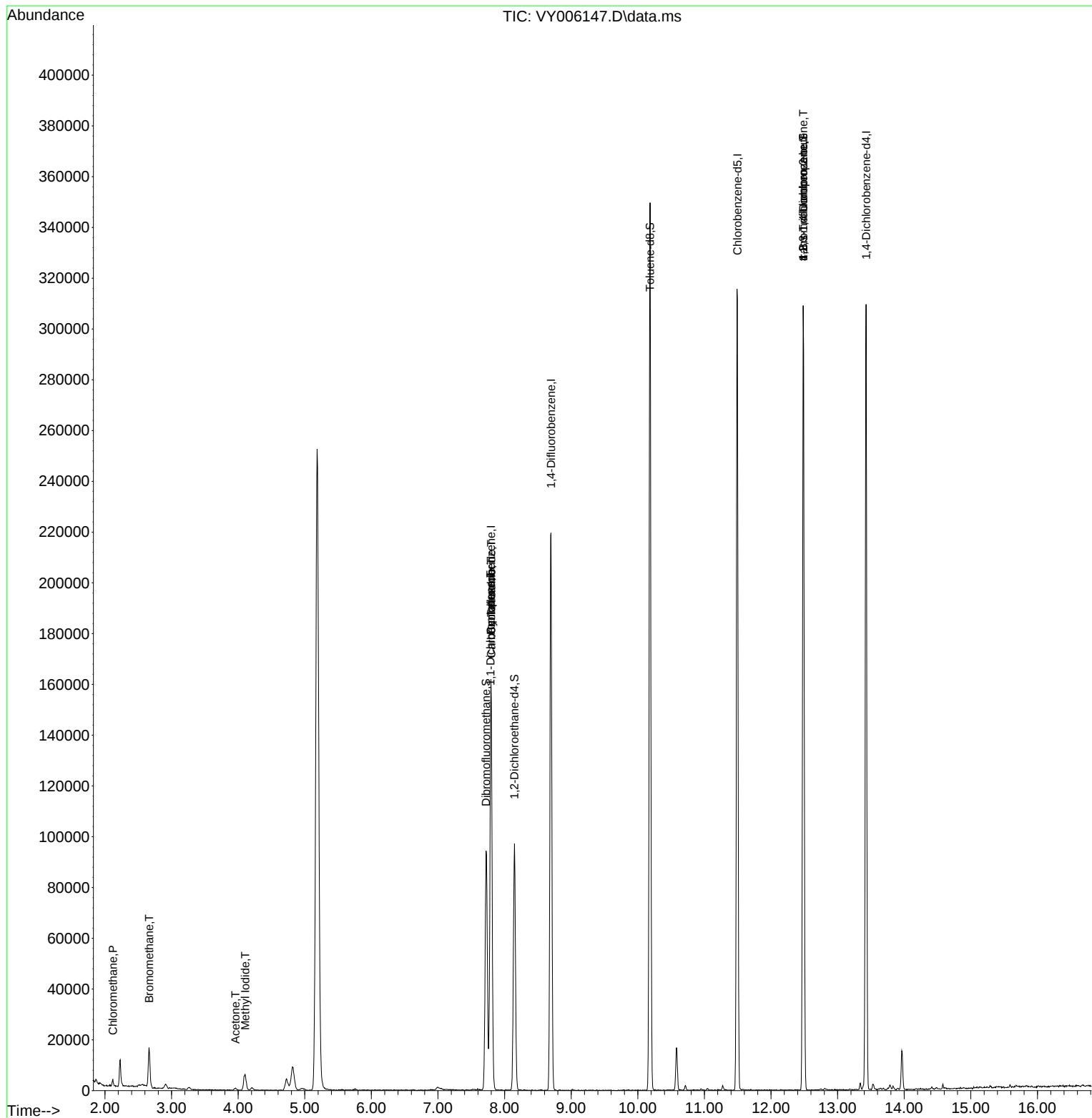
Internal Standards						
1) Pentafluorobenzene	7.795	168	124719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	165901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	79767	46.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.722	113	62583	55.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.160%
50) Toluene-d8	10.184	98	220456	45.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.483	95	69257	42.503	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1909	1.165	ug/l	95
5) Bromomethane	2.661	94	9763	8.135	ug/l	96
10) Methyl Iodide	4.106	142	9742	7.644	ug/l	95
11) Tert butyl alcohol	4.960	59	1865	Below Cal	#	77
16) Acetone	3.960	43	1307	2.751	ug/l	97
20) Methylene Chloride	4.722	84	3266	Below Cal		94
31) Cyclohexane	7.795	56	2840	1.023	ug/l #	34
36) 1,1-Dichloropropene	7.789	75	9185	4.694	ug/l #	51
38) Carbon Tetrachloride	7.801	117	11787	5.533	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39911	48.718	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39911	89.568	ug/l #	7

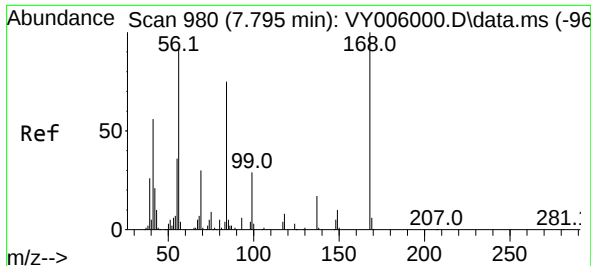
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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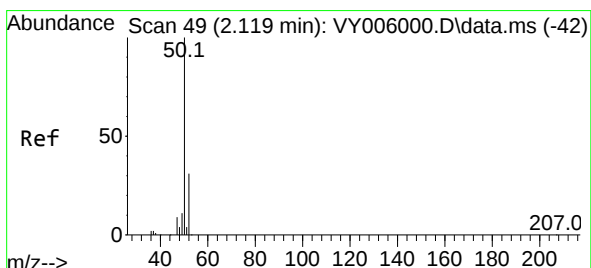
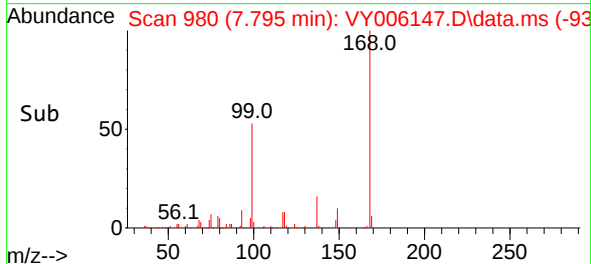
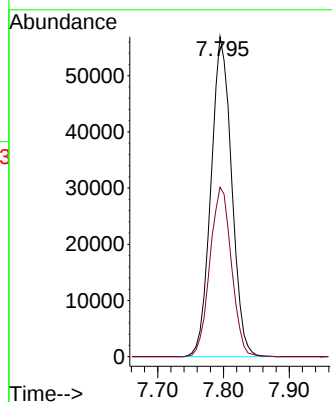
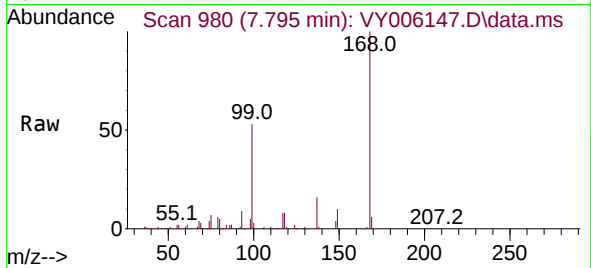




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

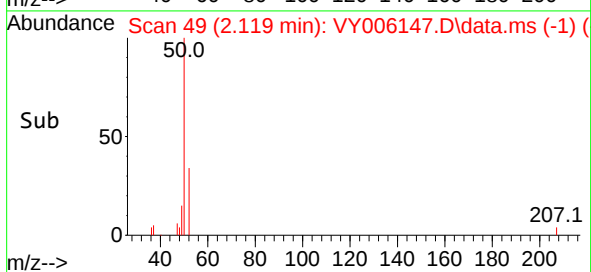
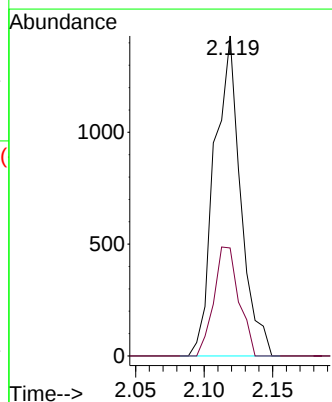
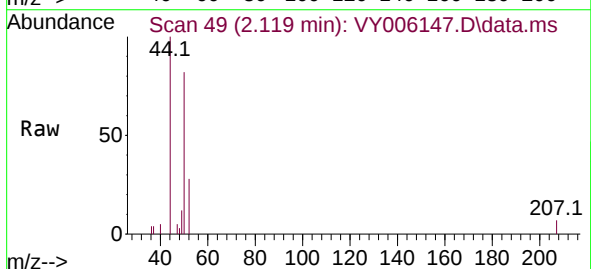
Instrument :
MSVOA_Y
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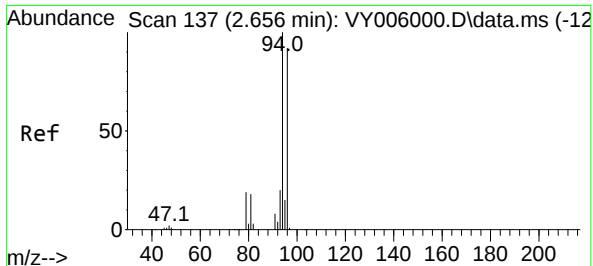
Tgt Ion:168 Resp: 124719
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#3
Chloromethane
Concen: 1.165 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion: 50 Resp: 1909
Ion Ratio Lower Upper
50 100
52 33.8 24.6 37.0

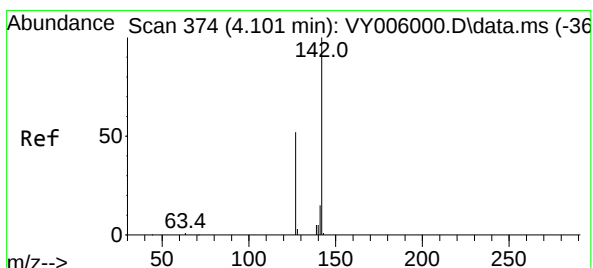
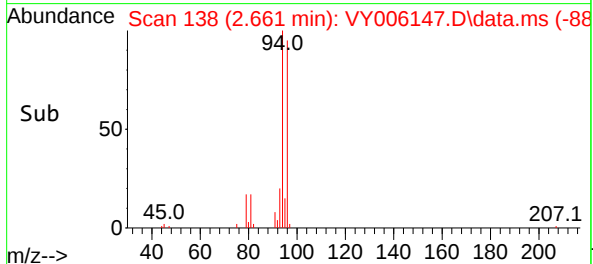
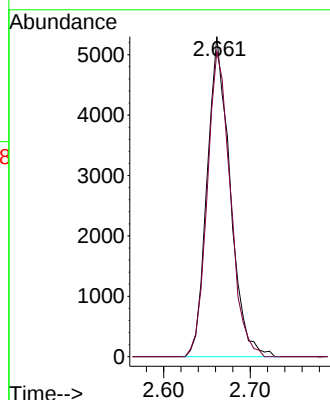
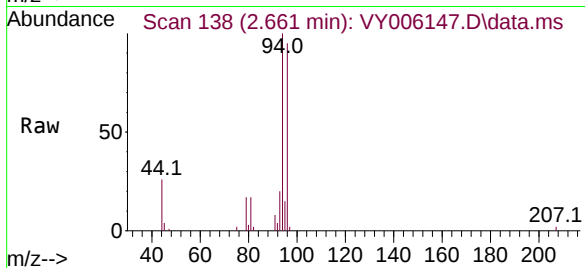




#5
Bromomethane
Concen: 8.135 ug/l
RT: 2.661 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

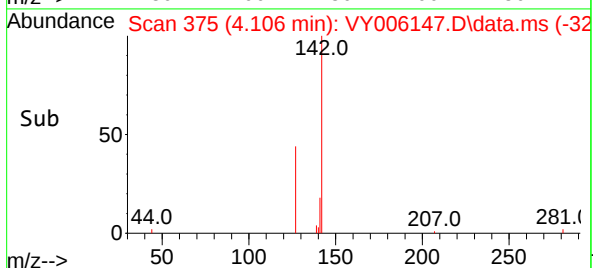
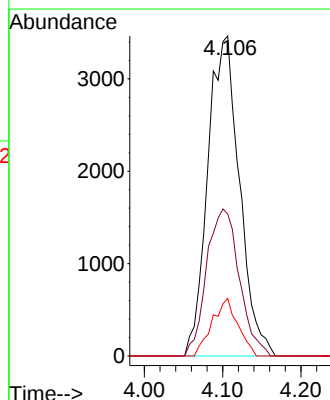
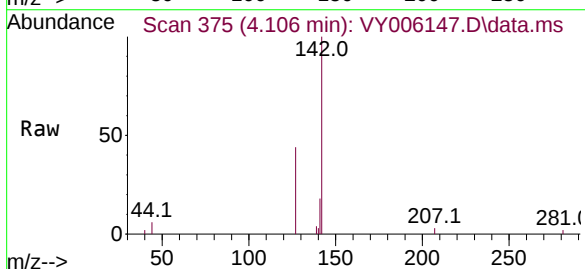
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-04

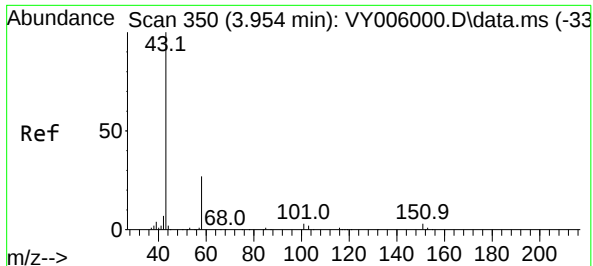
Tgt Ion: 94 Resp: 9763
Ion Ratio Lower Upper
94 100
96 95.4 73.5 110.3



#10
Methyl Iodide
Concen: 7.644 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion:142 Resp: 9742
Ion Ratio Lower Upper
142 100
127 47.4 41.5 62.3
141 14.6 11.9 17.9

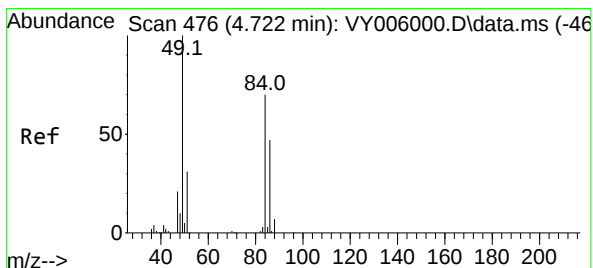
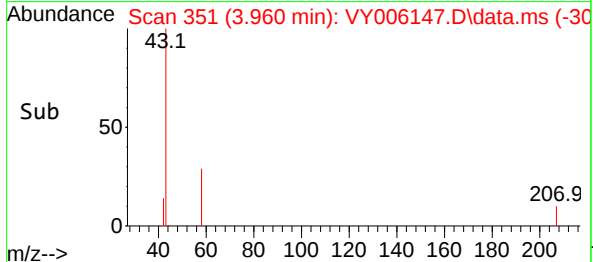
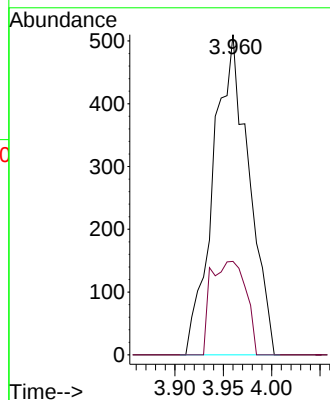
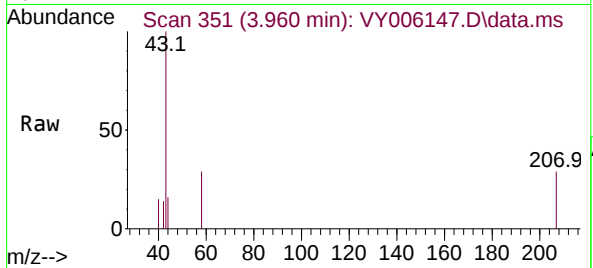




#16
Acetone
Concen: 2.751 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

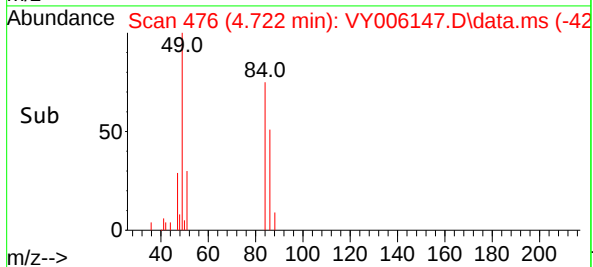
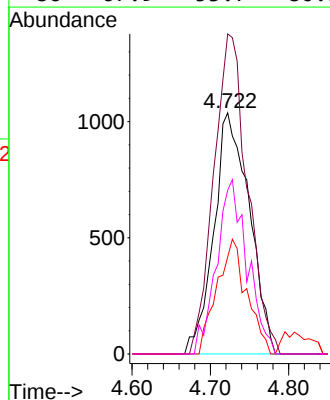
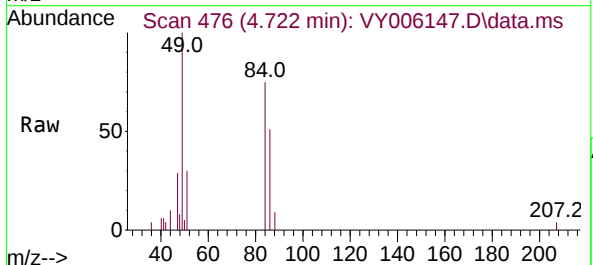
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-04

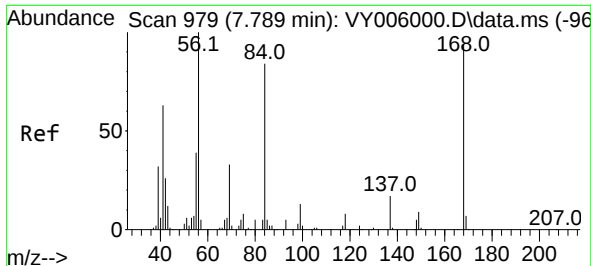
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 29.2 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

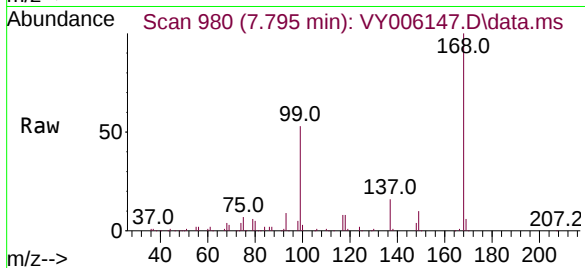
Tgt Ion: 84 Resp: 3266
Ion Ratio Lower Upper
84 100
49 132.7 114.4 171.6
51 40.3 35.3 52.9
86 67.9 53.7 80.5



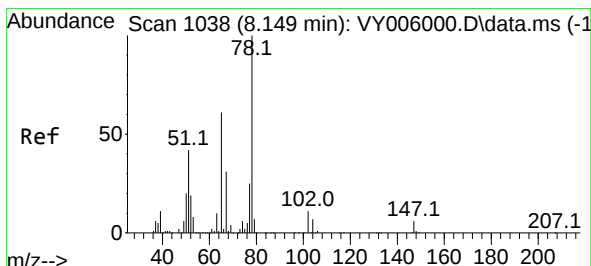
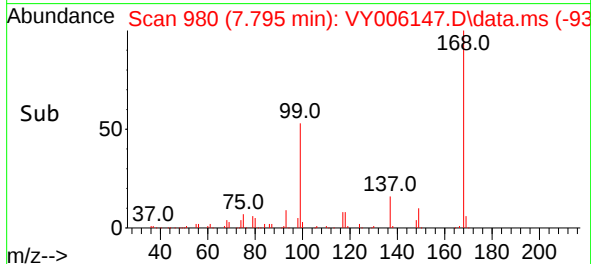
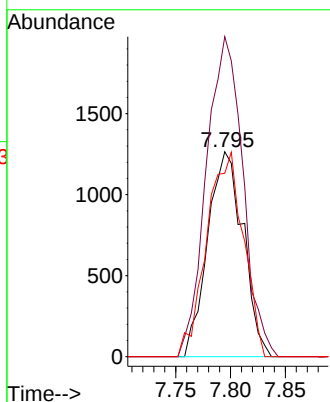


#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-04

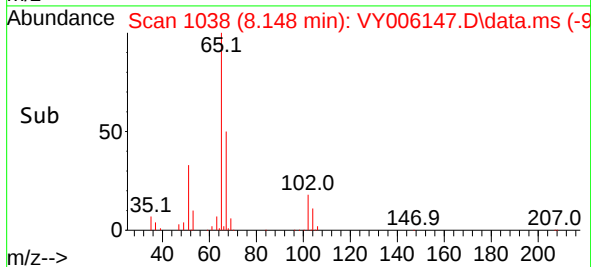
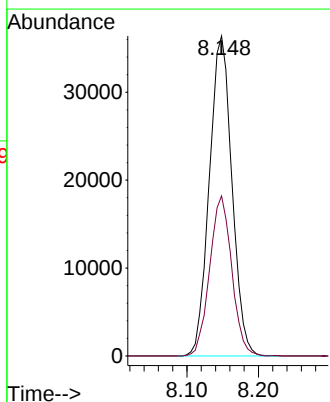
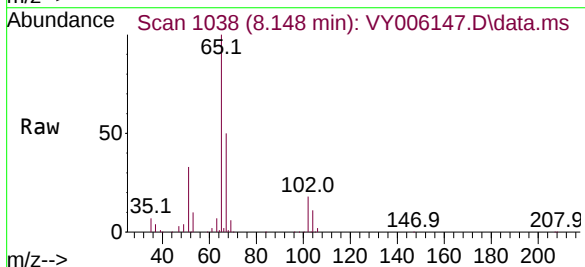


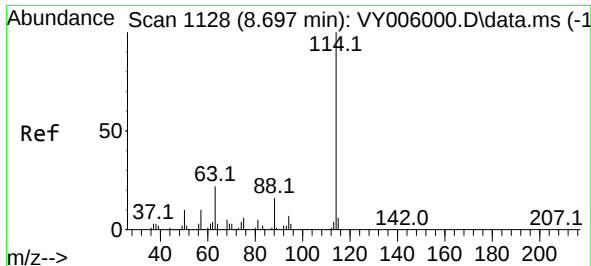
Tgt Ion: 56 Resp: 2840
Ion Ratio Lower Upper
56 100
69 156.1 26.7 40.1#
84 89.5 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 46.044 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion: 65 Resp: 79767
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4

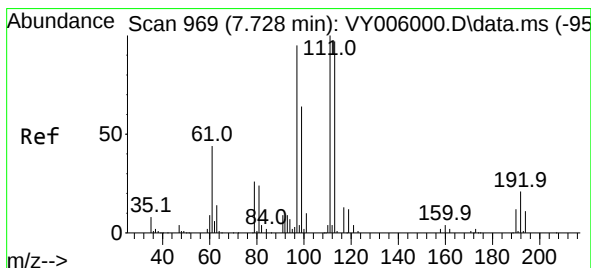
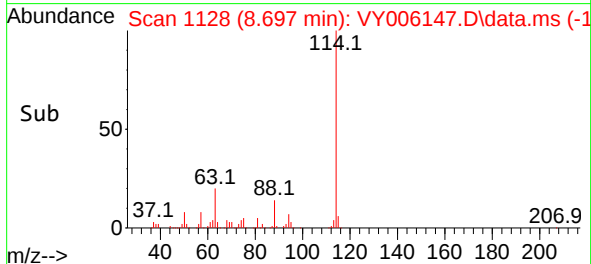
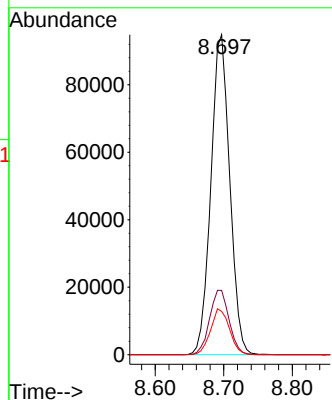
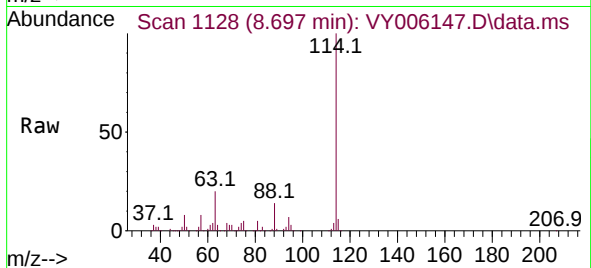




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

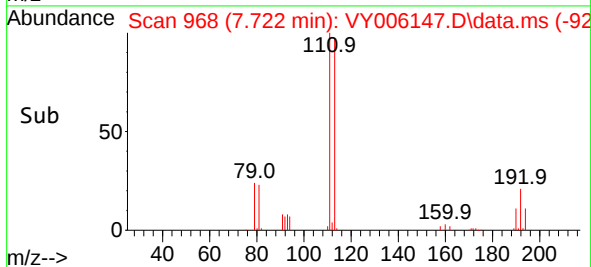
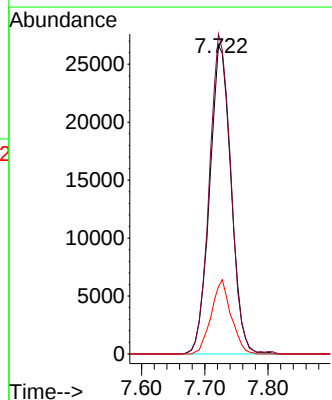
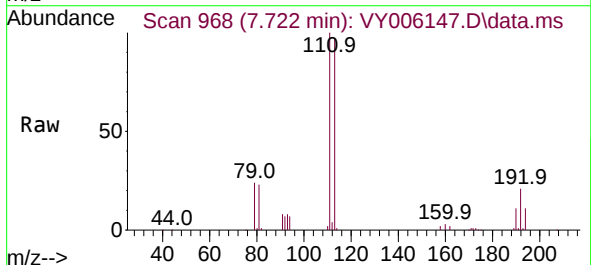
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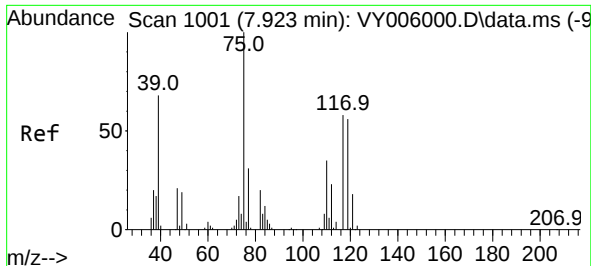
Tgt Ion:	114	Resp:	181299
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	13.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.576 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion:	113	Resp:	62583
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	22.3	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.694 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY006147.D

Acq: 24 Sep 2021 18:38

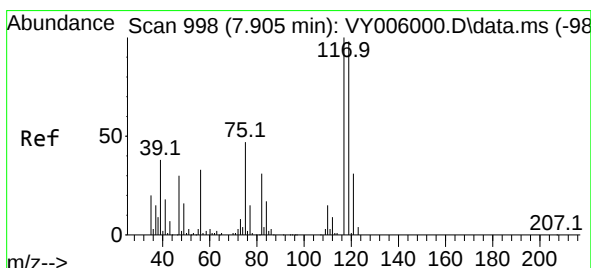
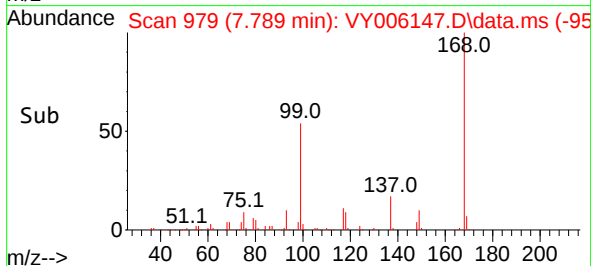
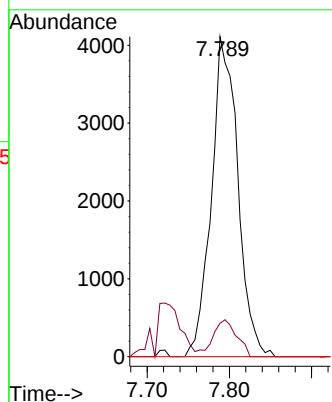
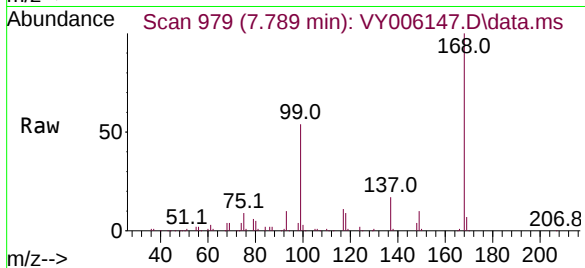
Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:	75	Resp:	9185
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.533 ug/l

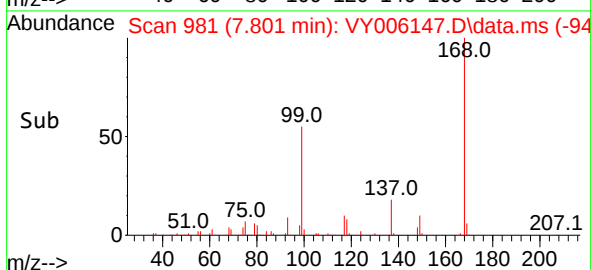
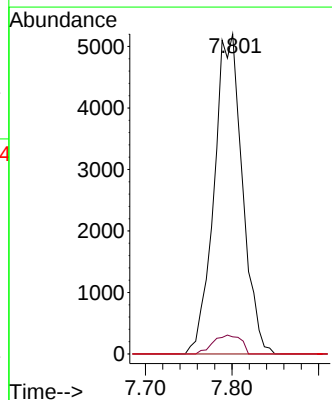
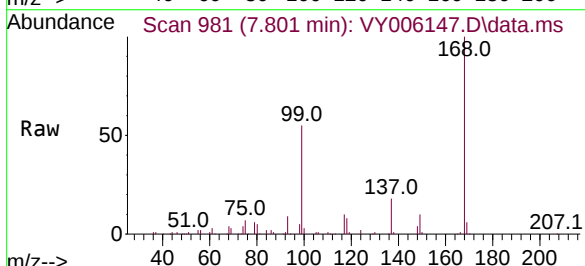
RT: 7.801 min Scan# 981

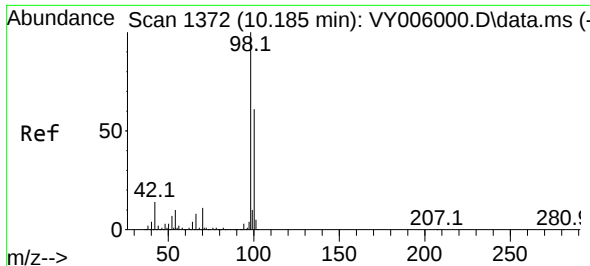
Delta R.T. -0.104 min

Lab File: VY006147.D

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Tgt Ion:	117	Resp:	11787
Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.9	116.9#
121	0.0	24.8	37.2#

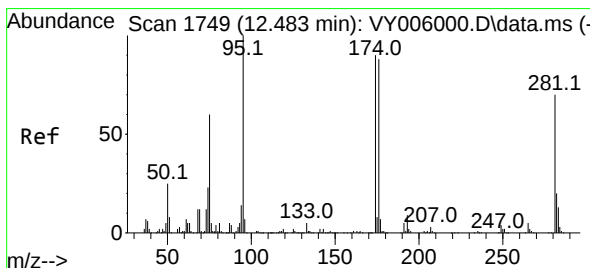
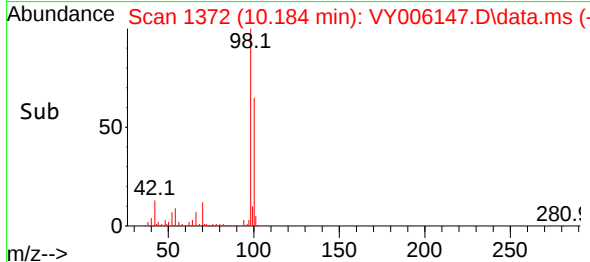
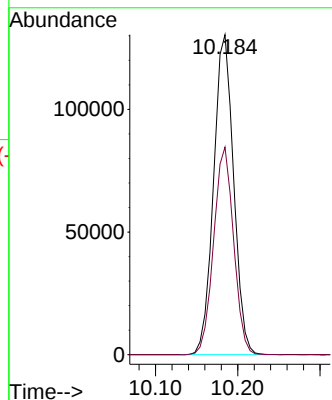
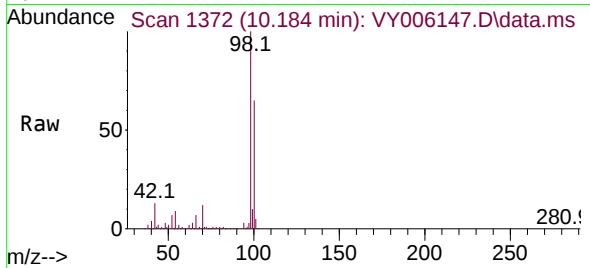




#50
Toluene-d8
Concen: 45.934 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

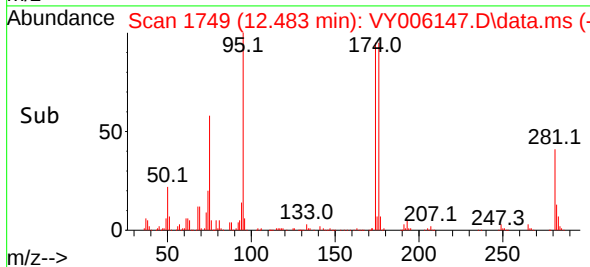
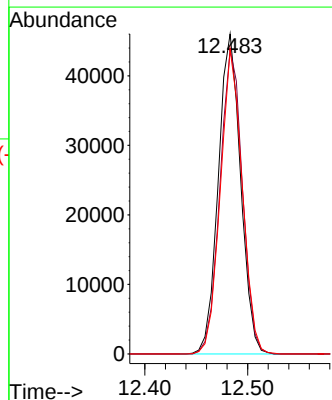
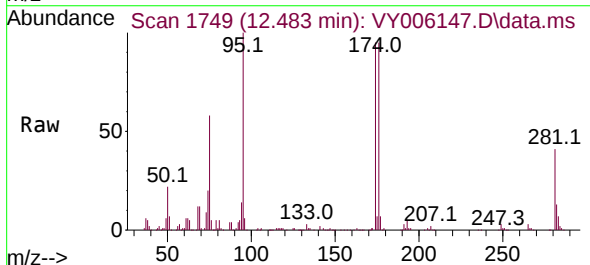
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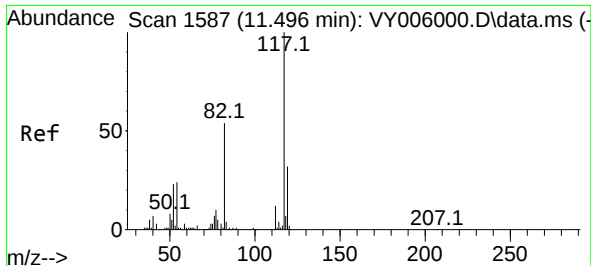
Tgt Ion: 98 Resp: 220456
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.503 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion: 95 Resp: 69257
Ion Ratio Lower Upper
95 100
174 95.6 0.0 177.0
176 93.1 0.0 175.8

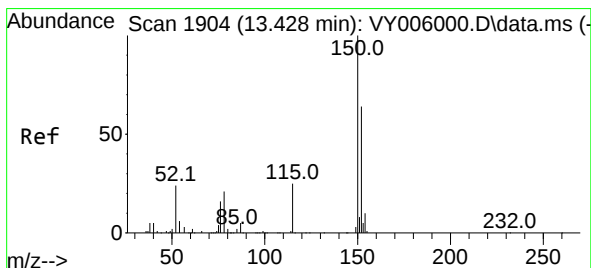
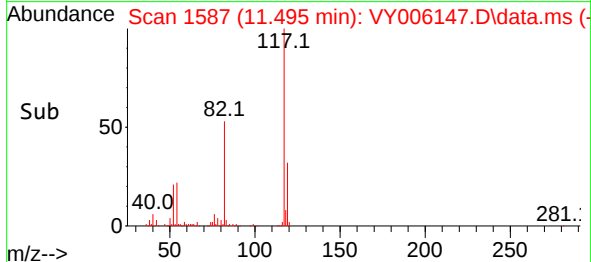
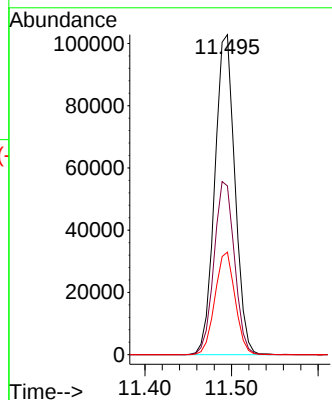
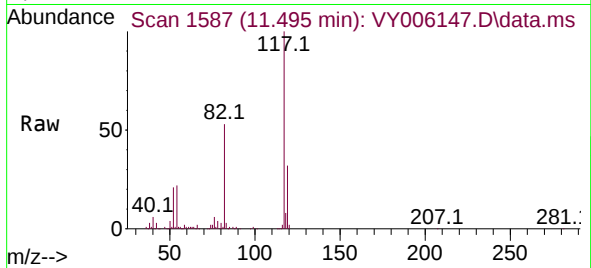




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

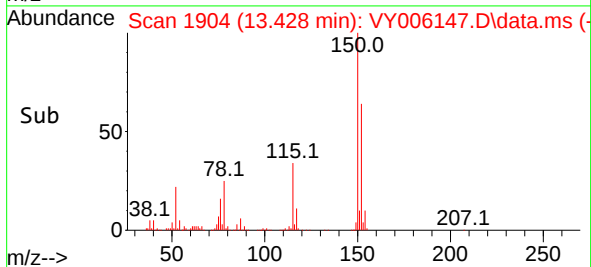
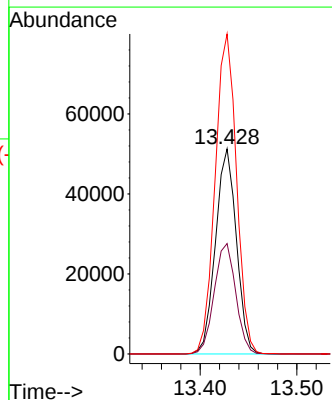
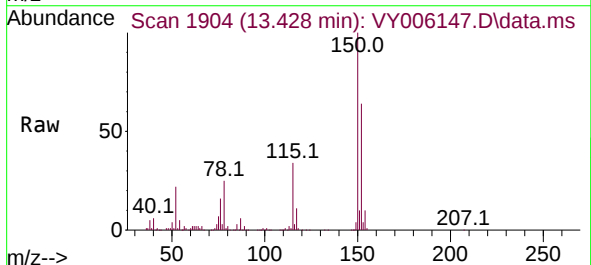
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-04

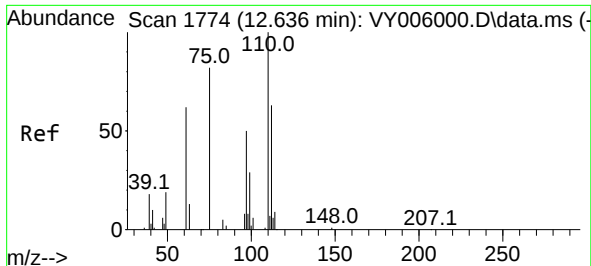
Tgt Ion:	117	Resp:	165901
Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	32.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion:	152	Resp:	76837
Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	159.2	0.0	347.6

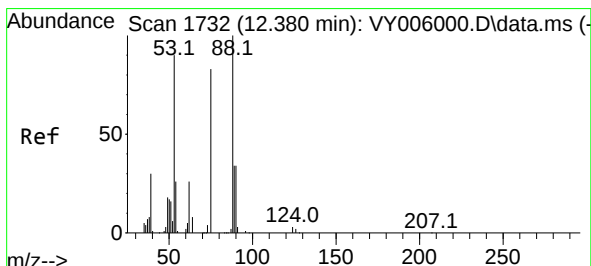
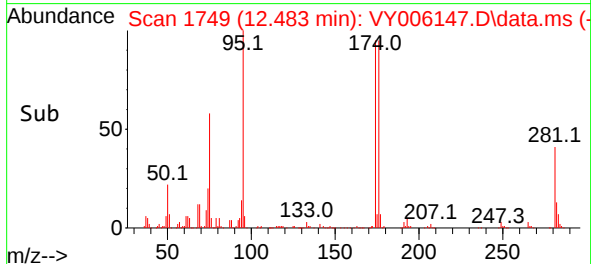
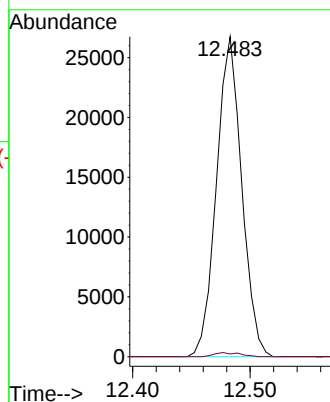
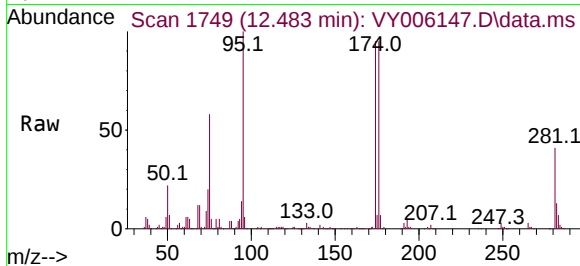




#76
1,2,3-Trichloropropane
Concen: 48.718 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-04

Tgt Ion: 75 Resp: 39911
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion: 75 Resp: 39911
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.5 37.0 55.4#

