

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006149.D
 Acq On : 24 Sep 2021 19:24
 Operator : SY/MD
 Sample : M3927-23
 Misc : 5.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-06

Quant Time: Sep 25 05:48:11 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)

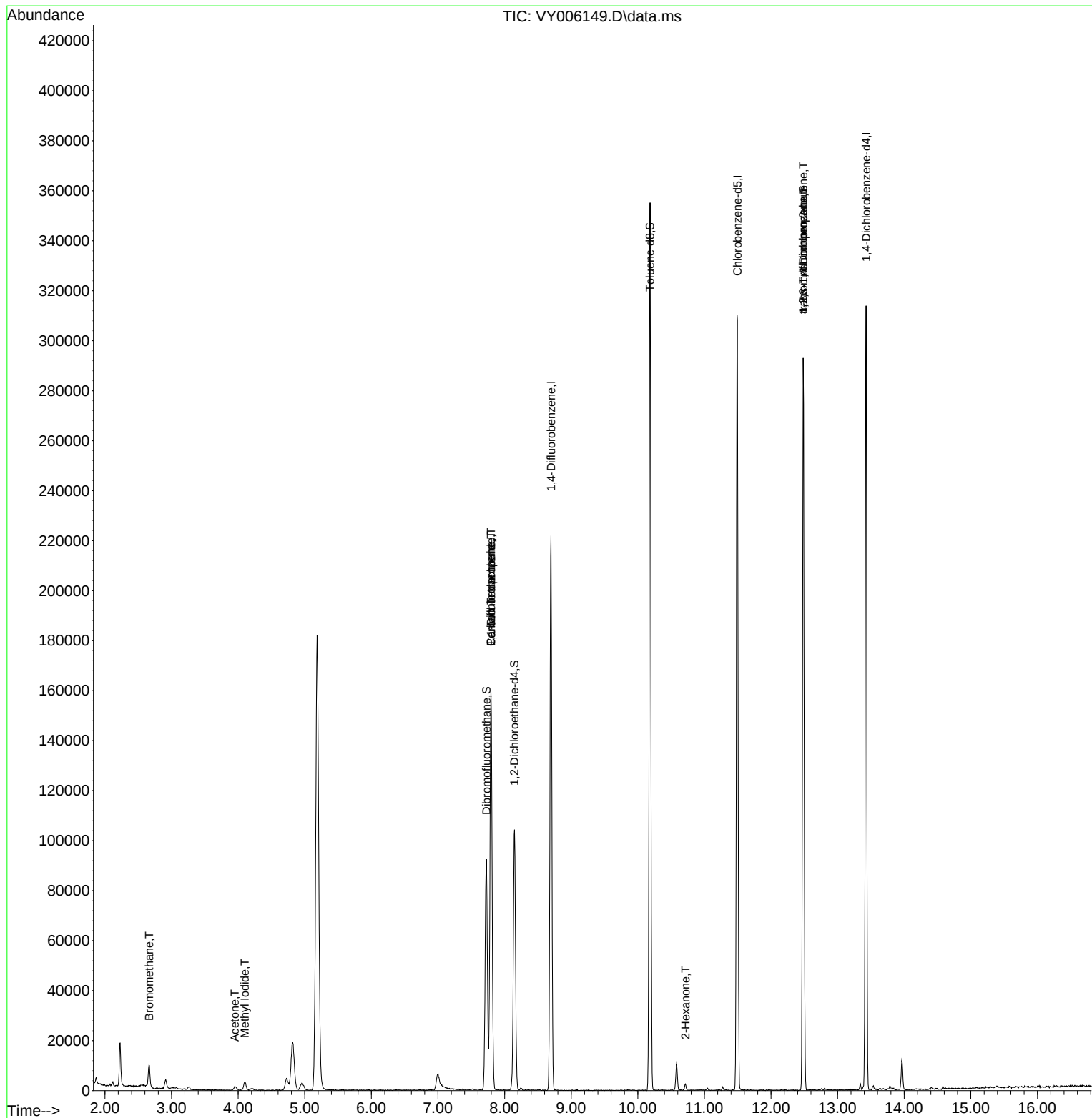
Internal Standards						
1) Pentafluorobenzene	7.795	168	126834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	166204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	87185	49.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.980%
35) Dibromofluoromethane	7.728	113	62700	55.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.960%
50) Toluene-d8	10.185	98	223828	46.472	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.940%
62) 4-Bromofluorobenzene	12.483	95	69647	42.591	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.180%
Target Compounds						
					Qvalue	
5) Bromomethane	2.661	94	5676	4.651	ug/l	97
10) Methyl Iodide	4.100	142	5132	3.959	ug/l	94
11) Tert butyl alcohol	4.954	59	5909	Below Cal	#	92
16) Acetone	3.948	43	2702	5.592	ug/l #	82
20) Methylene Chloride	4.728	84	3410	Below Cal	#	78
36) 1,1-Dichloropropene	7.795	75	10018	5.101	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12212	5.712	ug/l #	15
59) 2-Hexanone	10.715	43	1017	1.094	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	40730	48.791	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40730	89.703	ug/l #	7

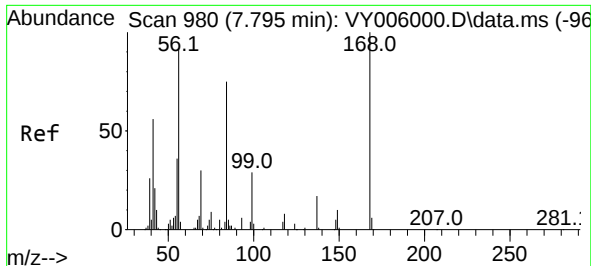
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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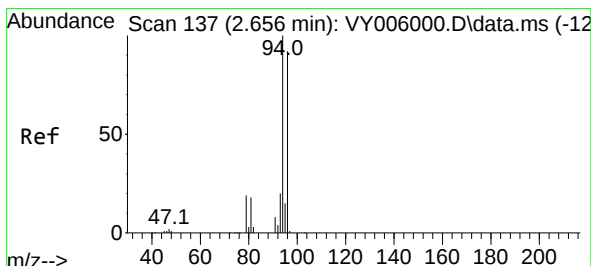
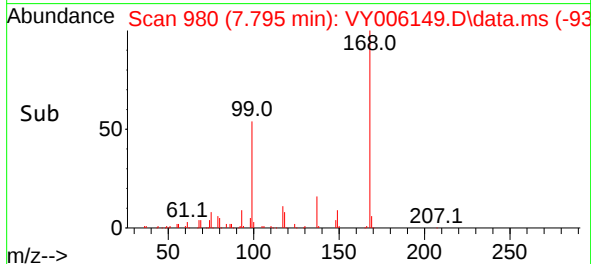
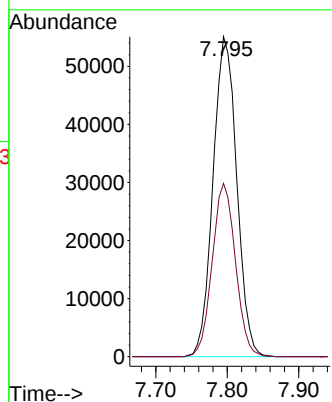
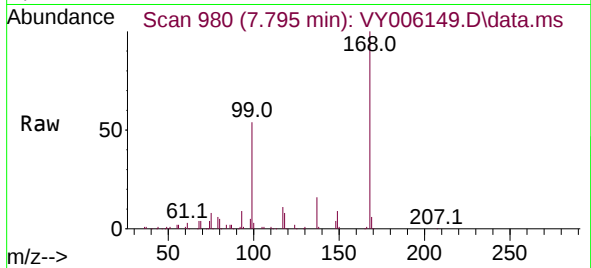




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24

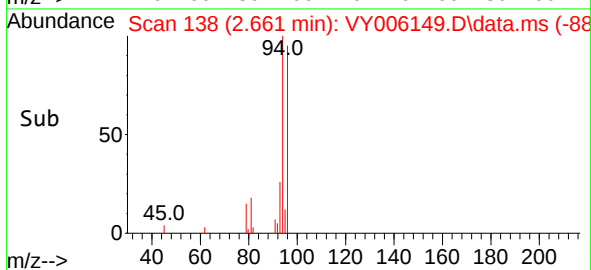
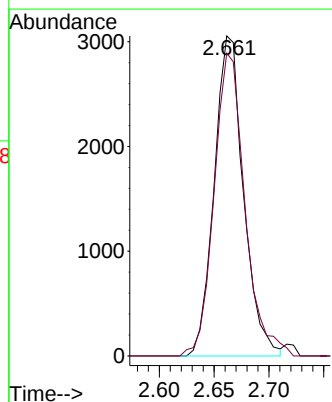
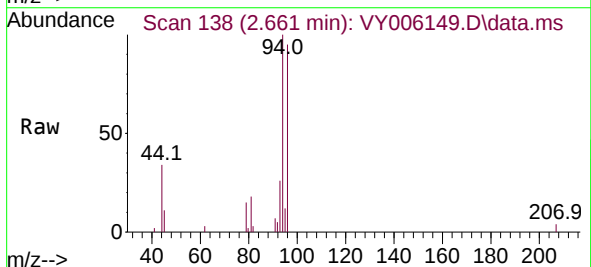
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-06

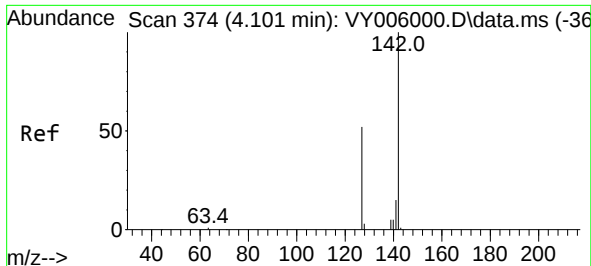
Tgt Ion:168 Resp: 126834
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#5
Bromomethane
Concen: 4.651 ug/l
RT: 2.661 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24

Tgt Ion: 94 Resp: 5676
Ion Ratio Lower Upper
94 100
96 94.6 73.5 110.3





#10

Methyl Iodide

Concen: 3.959 ug/l

RT: 4.100 min Scan# 374

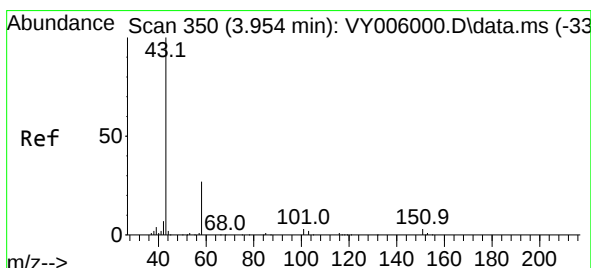
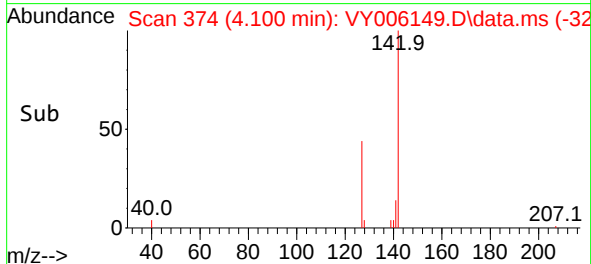
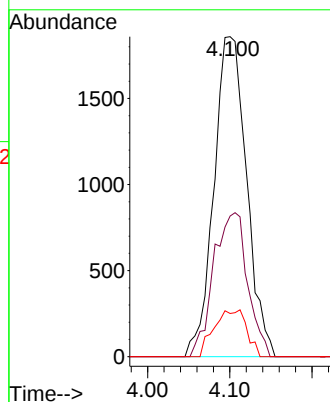
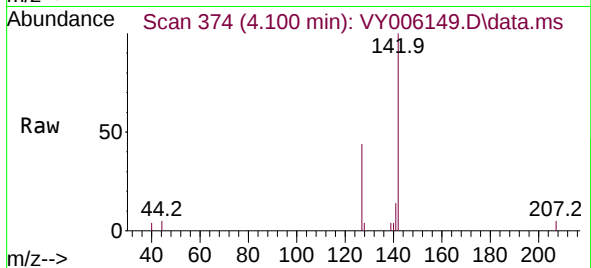
Delta R.T. -0.000 min

Lab File: VY006149.D

Acq: 24 Sep 2021 19:24

Tgt Ion:	142	Resp:	5132
Ion	Ratio	Lower	Upper
142	100		
127	46.8	41.5	62.3
141	14.6	11.9	17.9

Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-06



#16

Acetone

Concen: 5.592 ug/l

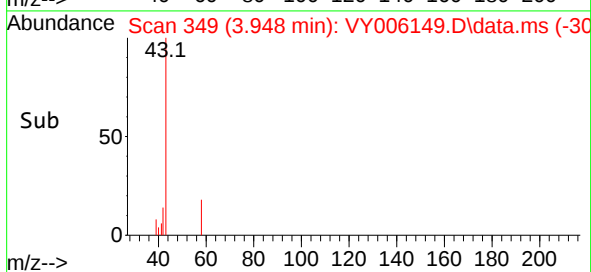
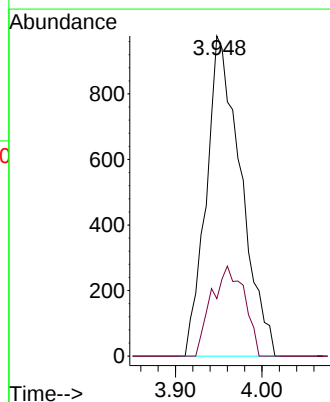
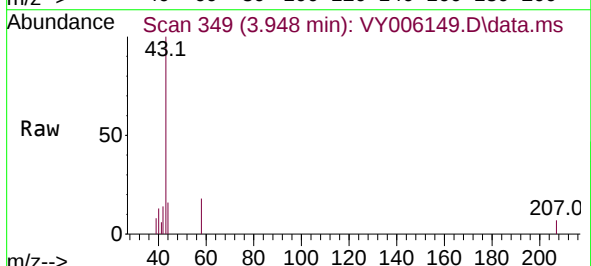
RT: 3.948 min Scan# 349

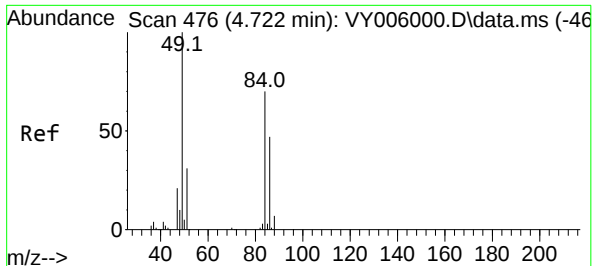
Delta R.T. -0.006 min

Lab File: VY006149.D

Acq: 24 Sep 2021 19:24

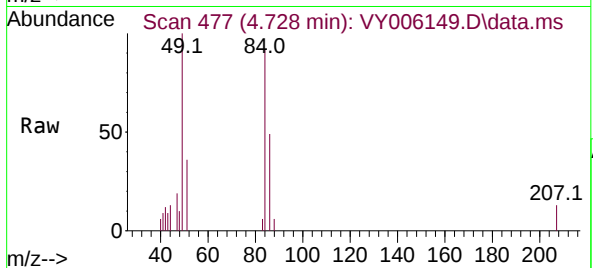
Tgt Ion:	43	Resp:	2702
Ion	Ratio	Lower	Upper
43	100		
58	17.9	22.0	33.0#



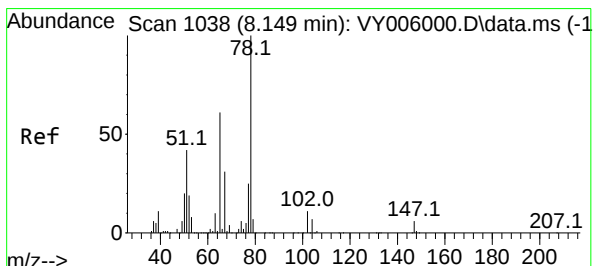
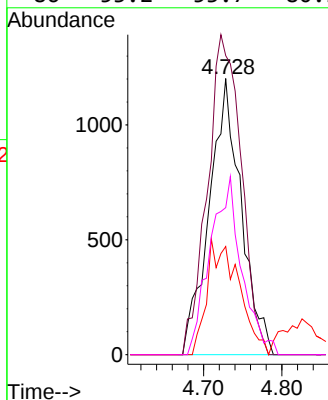
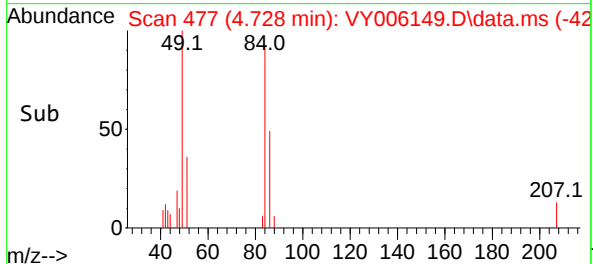


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24

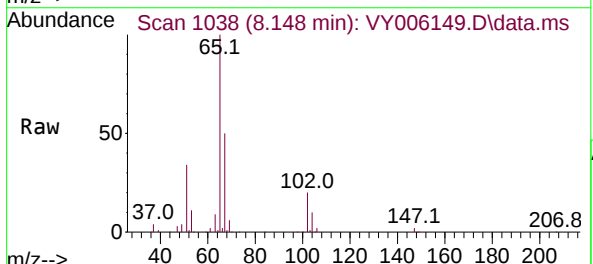
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-06



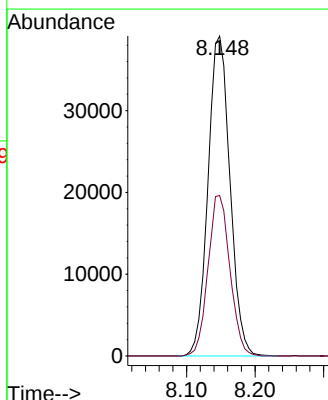
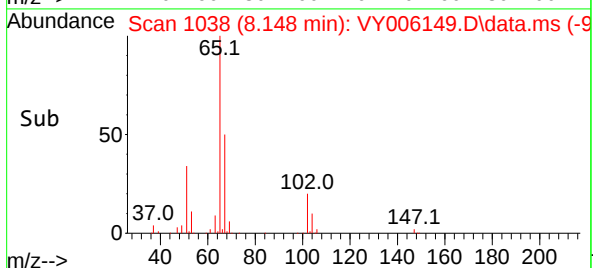
Tgt Ion: 84 Resp: 3410
Ion Ratio Lower Upper
84 100
49 108.3 114.4 171.6#
51 39.2 35.3 52.9
86 53.2 53.7 80.5#

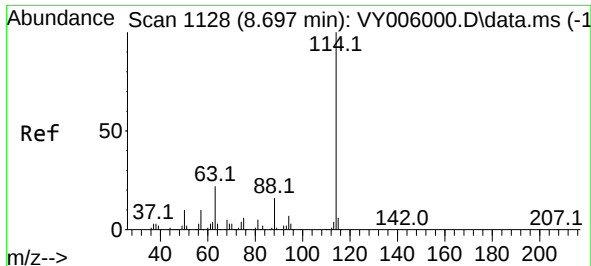


#33
1,2-Dichloroethane-d4
Concen: 49.486 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24



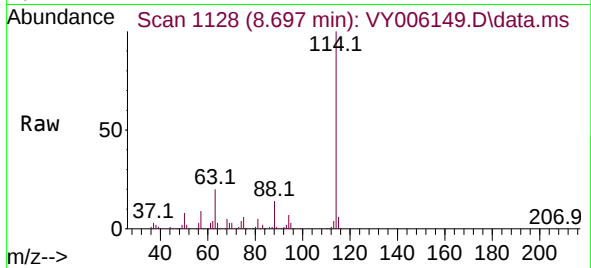
Tgt Ion: 65 Resp: 87185
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4



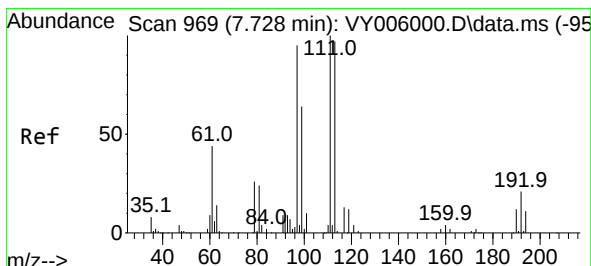
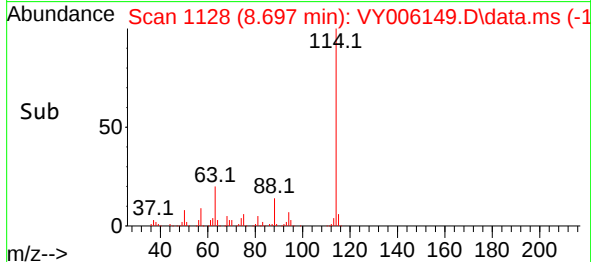
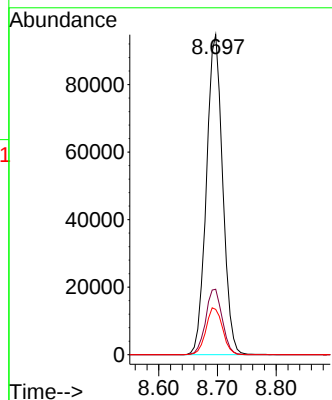


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24

Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-06

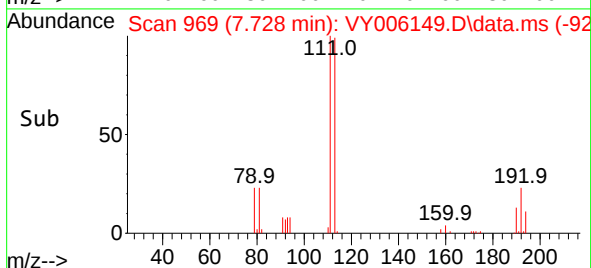
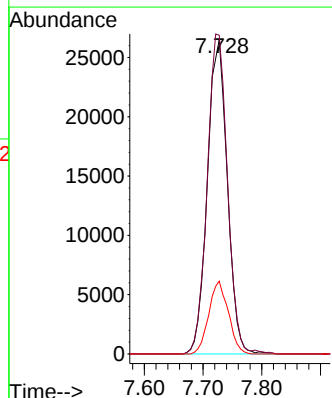
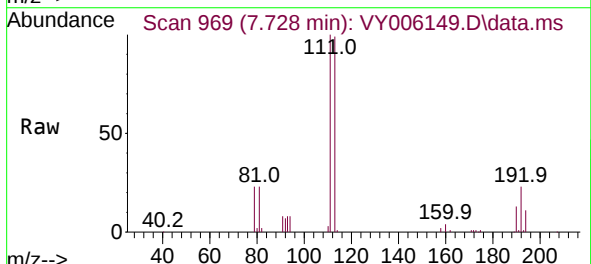


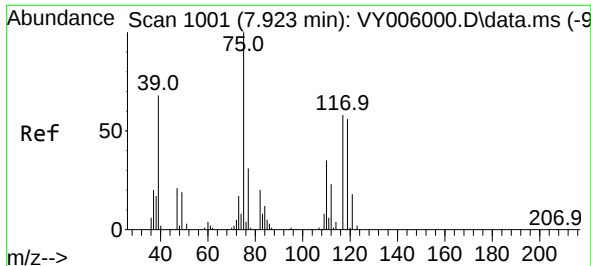
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.2
88	14.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.484 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	22.6	17.6	26.4





#36

1,1-Dichloropropene

Concen: 5.101 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006149.D

Acq: 24 Sep 2021 19:24

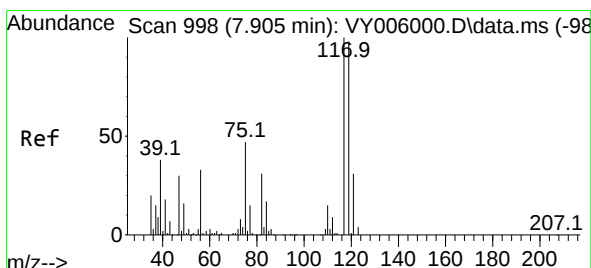
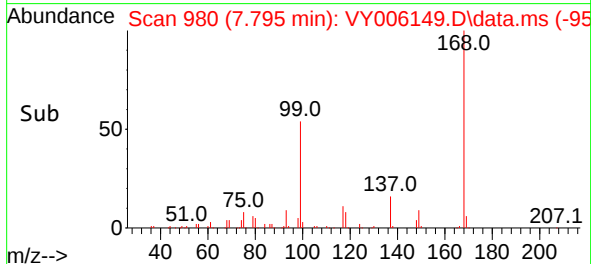
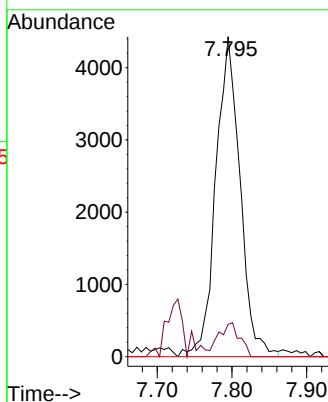
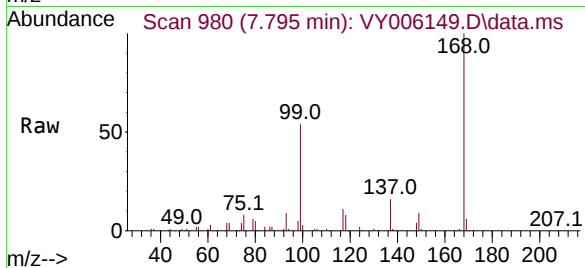
Instrument :

MSVOA_Y

ClientSampleId :

WOOSPK-BACKFILL-06

Tgt Ion:	75	Resp:	10018
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.712 ug/l

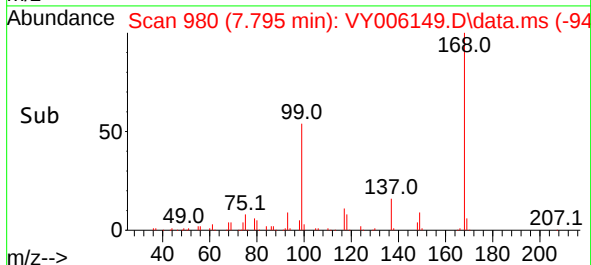
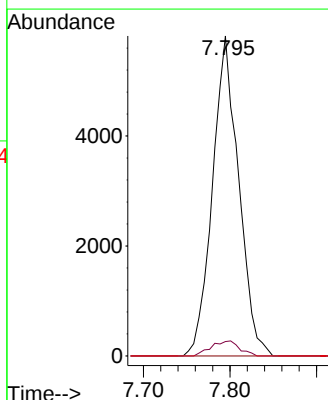
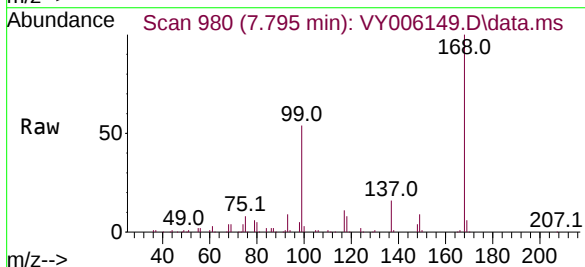
RT: 7.795 min Scan# 980

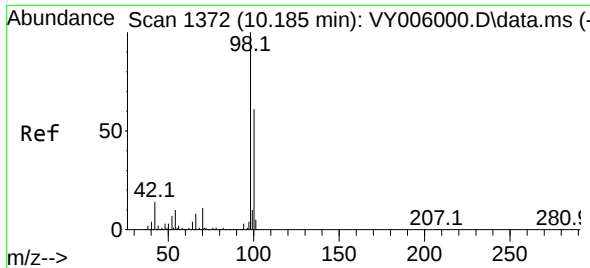
Delta R.T. -0.110 min

Lab File: VY006149.D

Acq: 24 Sep 2021 19:24

Tgt Ion:	117	Resp:	12212
Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.9	116.9#
121	0.0	24.8	37.2#

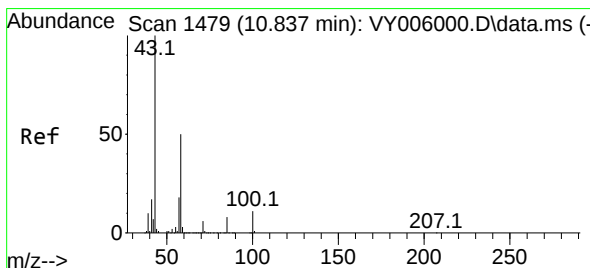
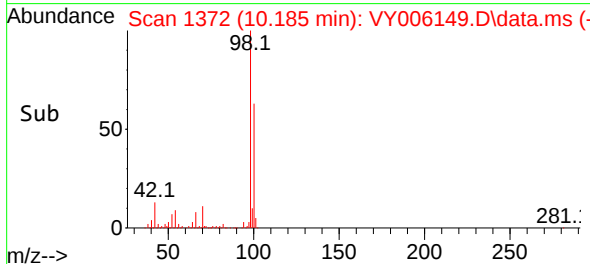
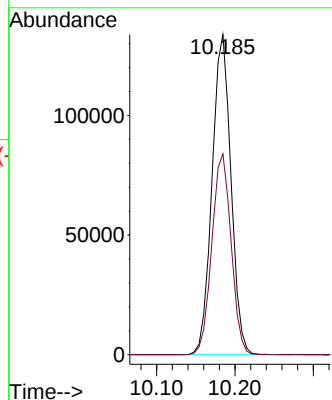
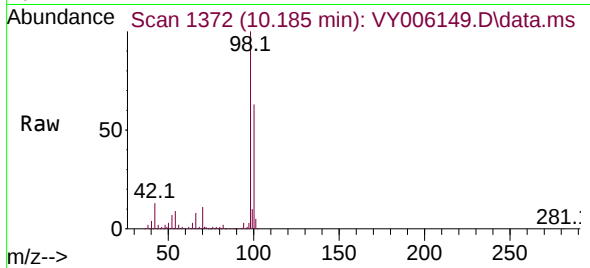




#50
Toluene-d8
Concen: 46.472 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24

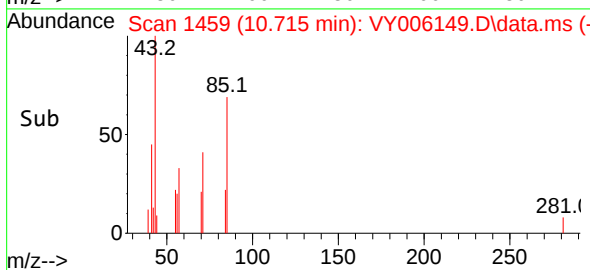
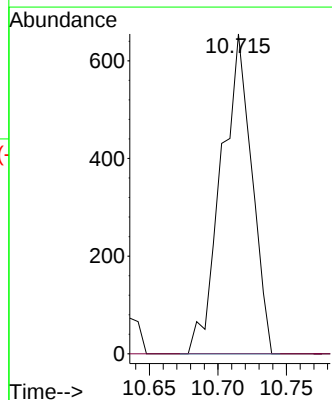
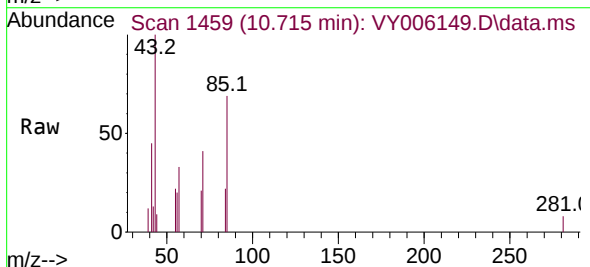
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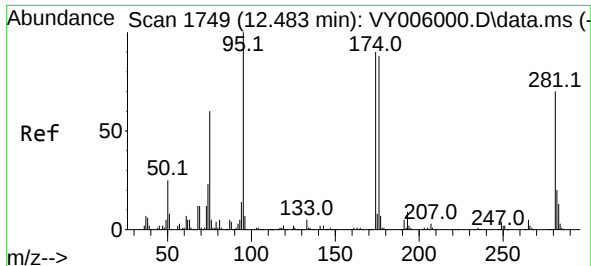
Tgt Ion: 98 Resp: 223828
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#59
2-Hexanone
Concen: 1.094 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24

Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

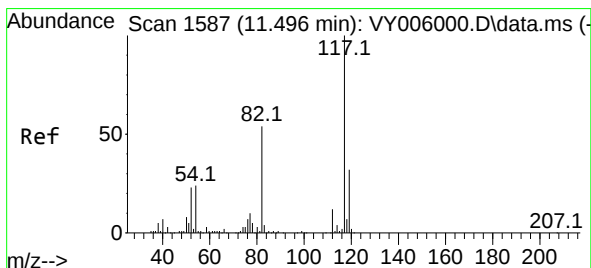
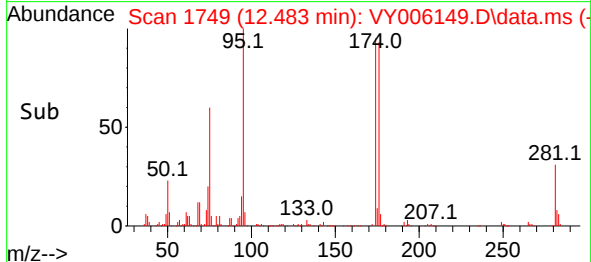
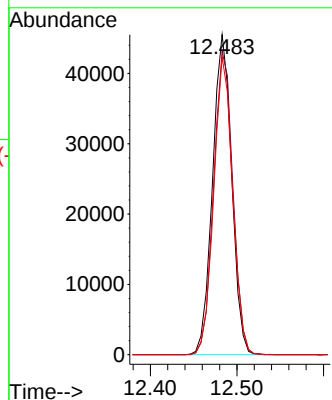
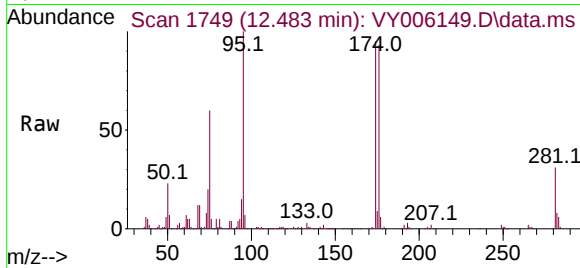




#62
4-Bromofluorobenzene
Concen: 42.591 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24

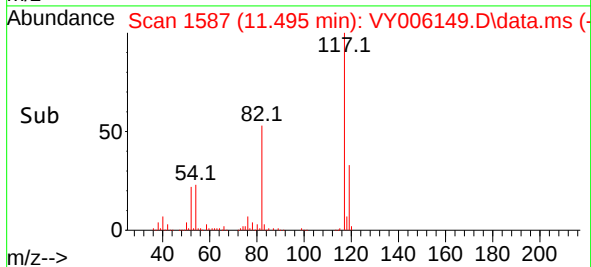
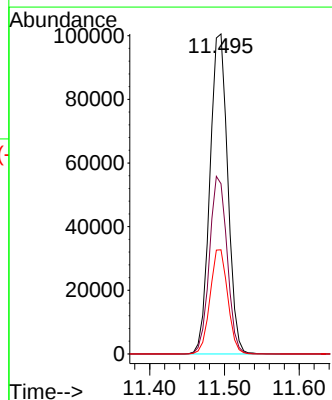
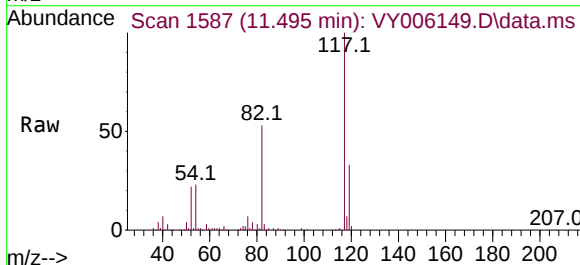
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-06

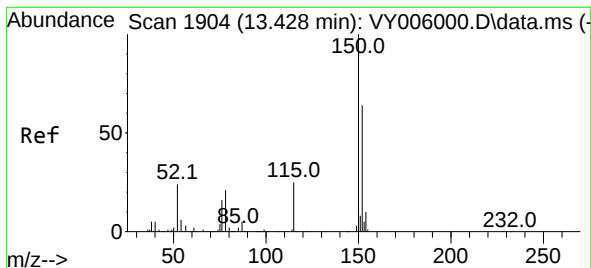
Tgt Ion:	95	Resp:	69647
Ion Ratio	Lower	Upper	
95	100		
174	95.8	0.0	177.0
176	92.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006149.D
Acq: 24 Sep 2021 19:24

Tgt Ion:	117	Resp:	166204
Ion Ratio	Lower	Upper	
117	100		
82	53.2	43.0	64.4
119	32.6	25.4	38.0

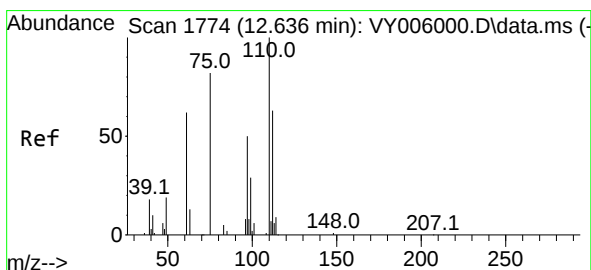
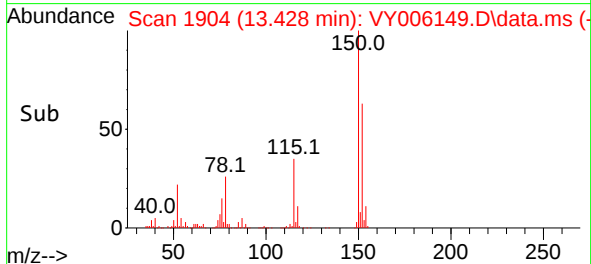
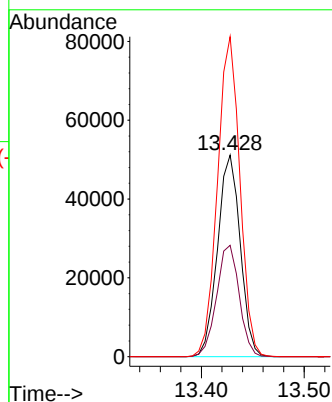
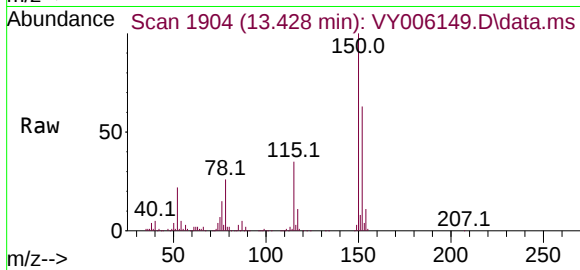




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006149.D
 Acq: 24 Sep 2021 19:24

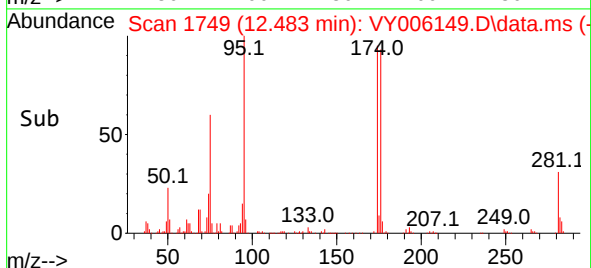
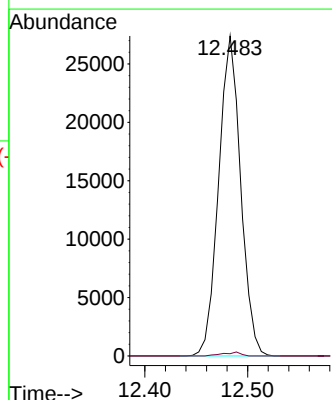
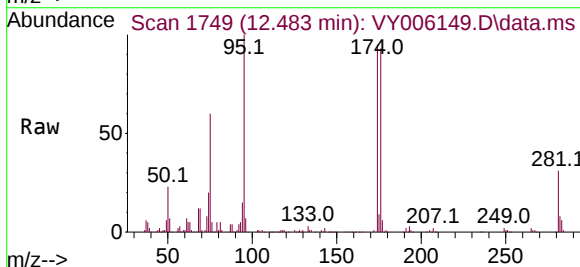
Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-06

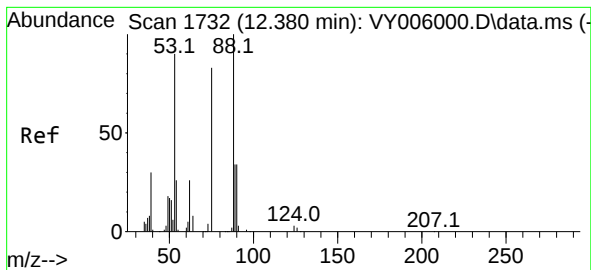
Tgt Ion:152 Resp: 78296
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.2 84.7
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.791 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006149.D
 Acq: 24 Sep 2021 19:24

Tgt Ion: 75 Resp: 40730
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.703 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY006149.D
 Acq: 24 Sep 2021 19:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-06

Tgt Ion: 75 Resp: 40730
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

