

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011510.D
 Acq On : 18 Nov 2022 18:34
 Operator : KP/MD
 Sample : N5696-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-3

Quant Time: Nov 19 22:42:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

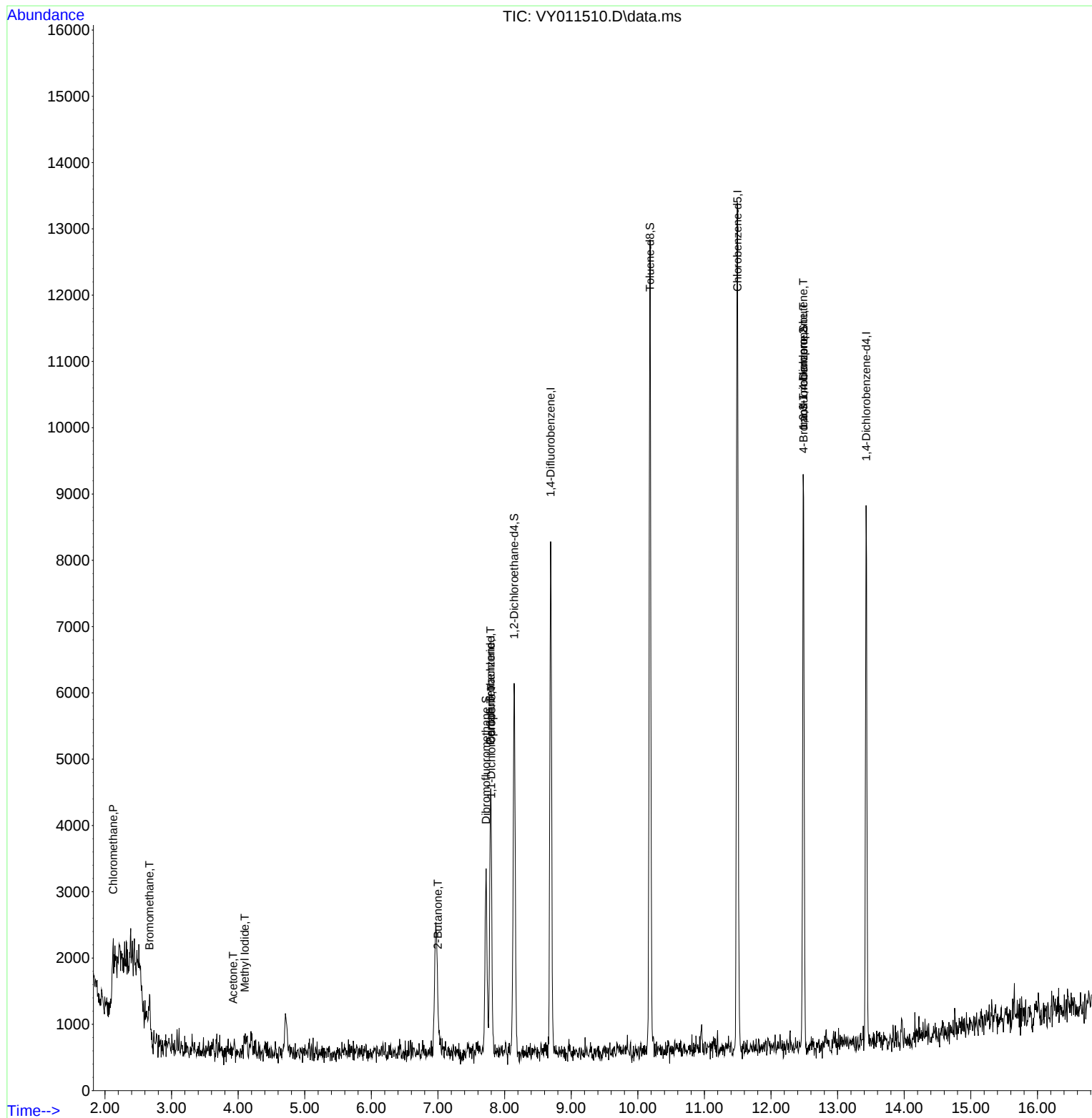
Internal Standards						
1) Pentafluorobenzene	7.789	168	3632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	7690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4345	117.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 235.640%#	
35) Dibromofluoromethane	7.722	113	1857	42.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.720%	
50) Toluene-d8	10.185	98	8421	53.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.960%	
62) 4-Bromofluorobenzene	12.489	95	2605	44.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	188	1.819	ug/l #	82
5) Bromomethane	2.668	94	140	1.462	ug/l	98
10) Methyl Iodide	4.100	142	491	12.095	ug/l #	35
16) Acetone	3.924	43	171	14.275	ug/l #	47
20) Methylene Chloride	4.716	84	249	Below Cal	#	64
25) 2-Butanone	6.996	43	19	1.207	ug/l #	54
36) 1,1-Dichloropropene	7.801	75	267	3.942	ug/l #	42
38) Carbon Tetrachloride	7.789	117	387	5.107	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1474	59.795	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1474	130.971	ug/l #	7

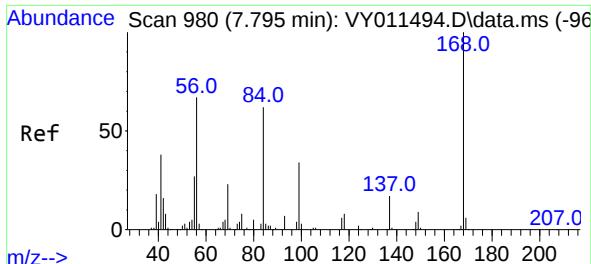
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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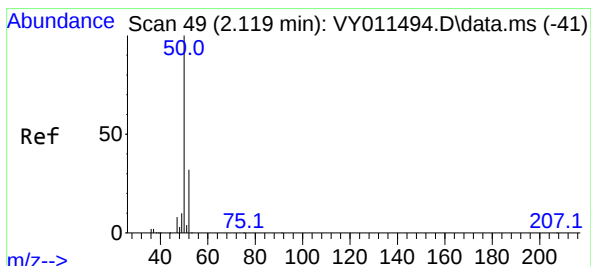
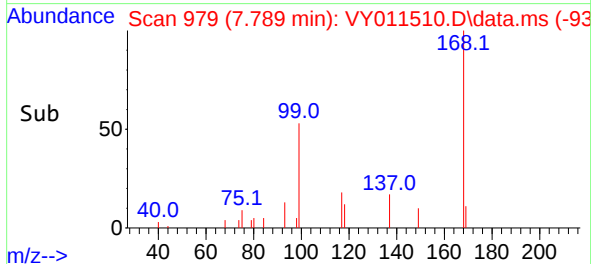
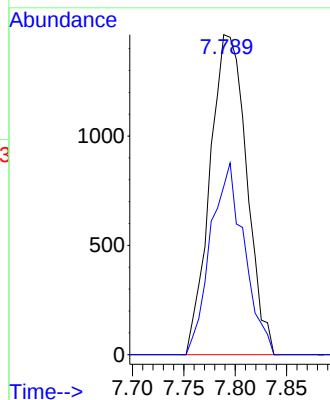
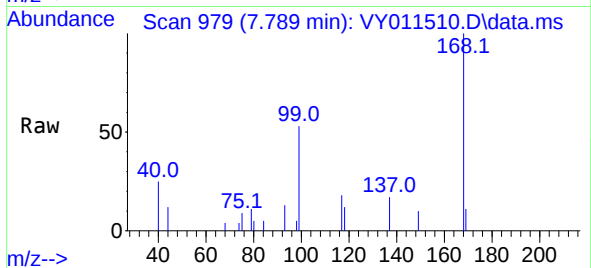




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

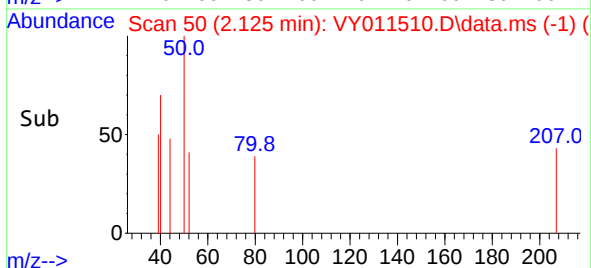
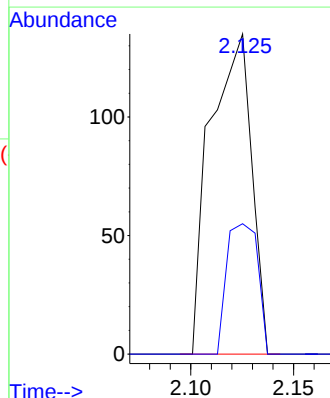
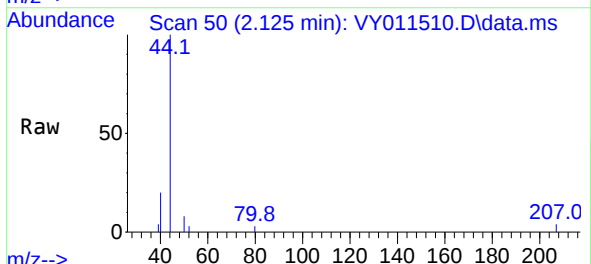
Instrument :
MSVOA_Y
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

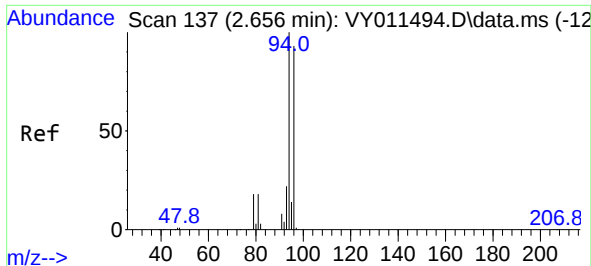
Tgt Ion:168 Resp: 3632
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#3
Chloromethane
Concen: 1.819 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion: 50 Resp: 188
Ion Ratio Lower Upper
50 100
52 40.7 24.6 37.0#

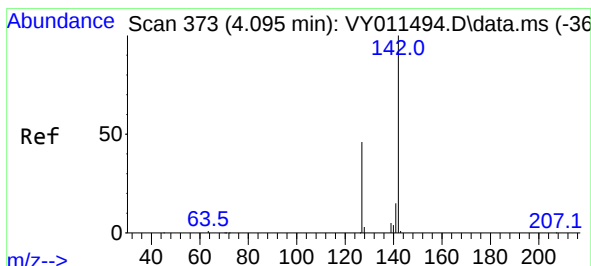
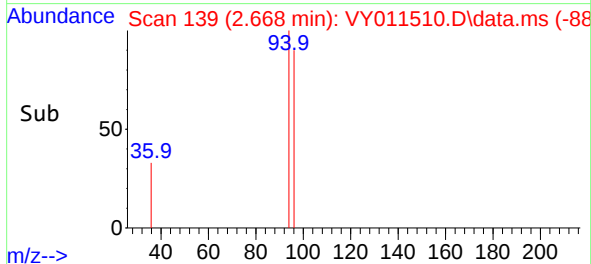
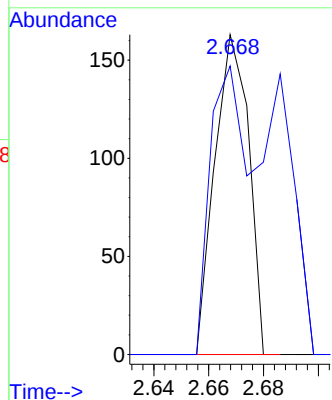
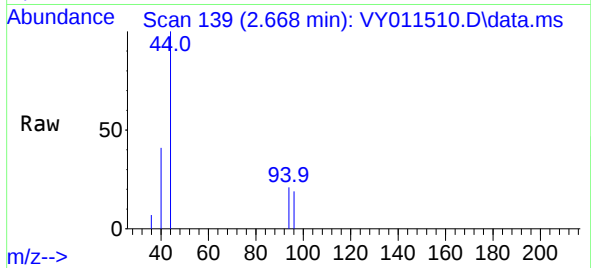




#5
Bromomethane
Concen: 1.462 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

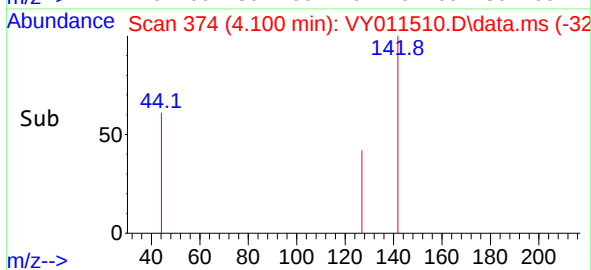
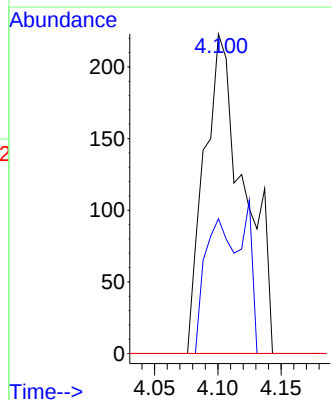
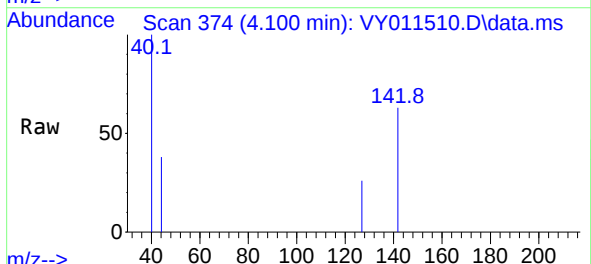
Instrument :
MSVOA_Y
ClientSampleId :
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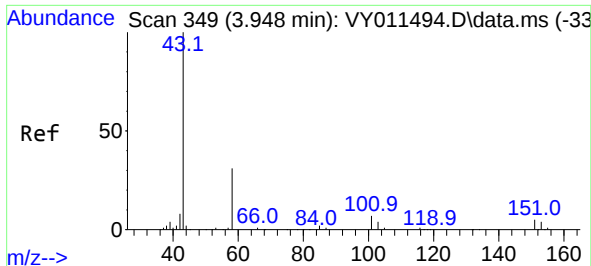
Tgt Ion: 94 Resp: 140
Ion Ratio Lower Upper
94 100
96 90.2 73.5 110.3



#10
Methyl Iodide
Concen: 12.095 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.005 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion: 142 Resp: 491
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

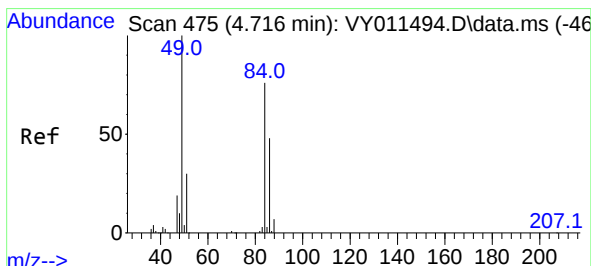
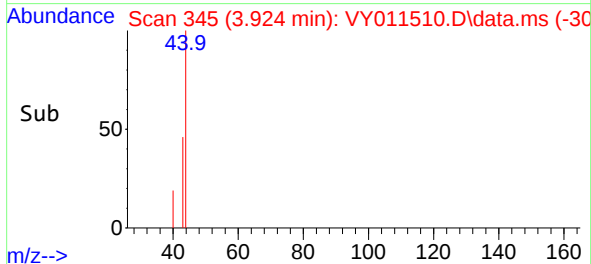
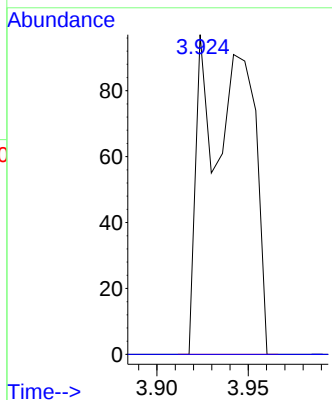
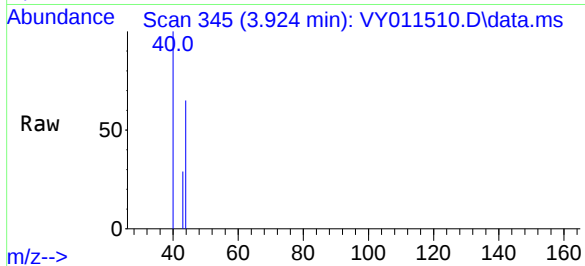




#16
Acetone
Concen: 14.275 ug/l
RT: 3.924 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

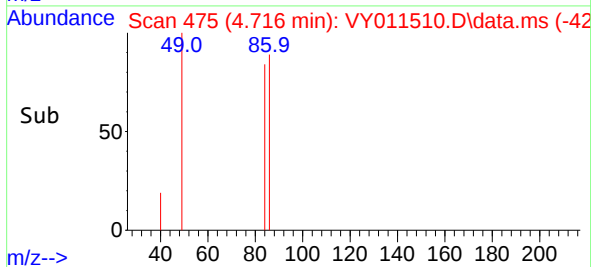
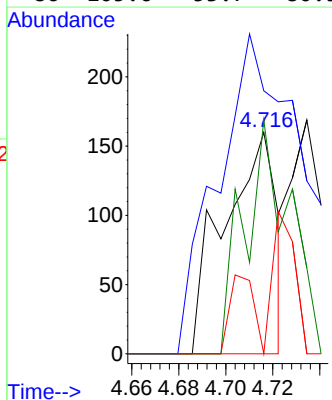
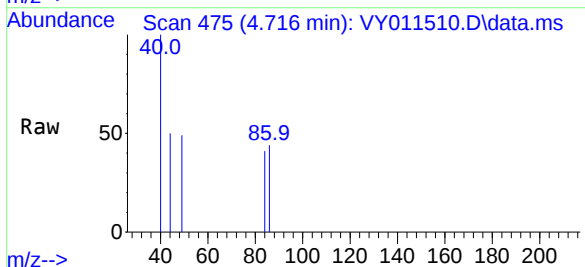
Instrument :
MSVOA_Y
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

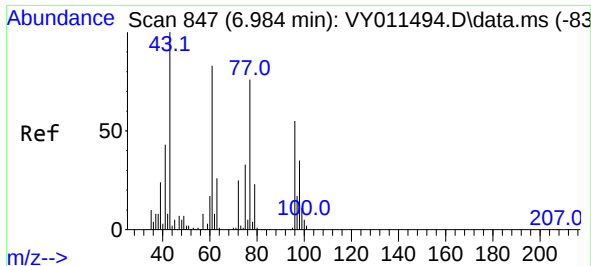
Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion: 84 Resp: 249
Ion Ratio Lower Upper
84 100
49 118.8 114.4 171.6
51 0.0 35.3 52.9#
86 105.6 53.7 80.5#





#25

2-Butanone

Concen: 1.207 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY011510.D

Acq: 18 Nov 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

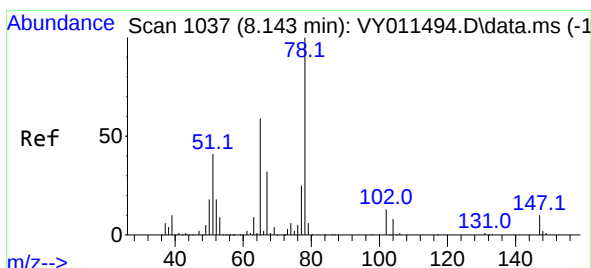
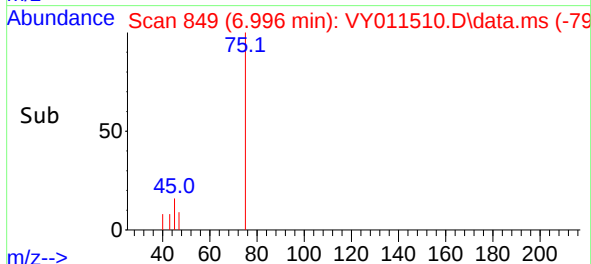
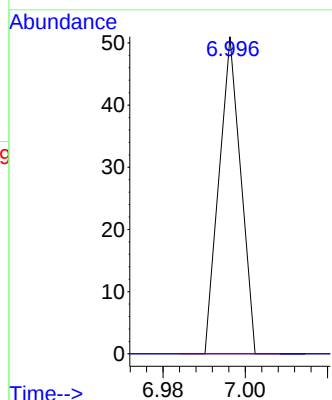
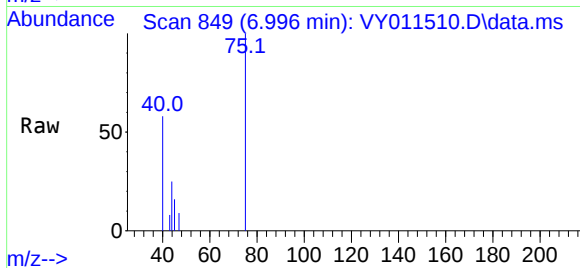
BANK-RUN-SOIL-SAMPLE-3

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 117.817 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011510.D

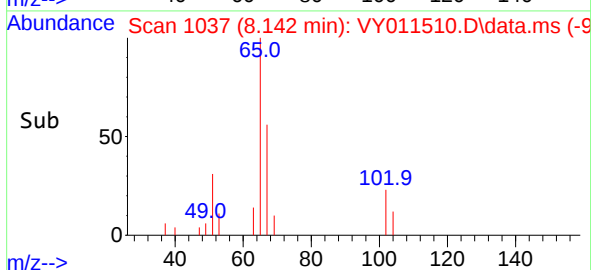
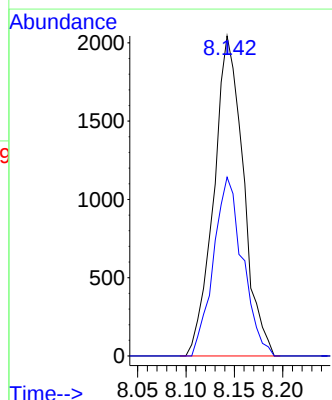
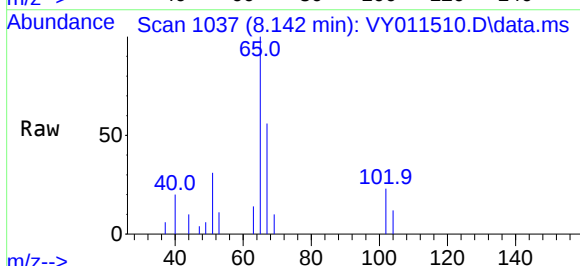
Acq: 18 Nov 2022 18:34

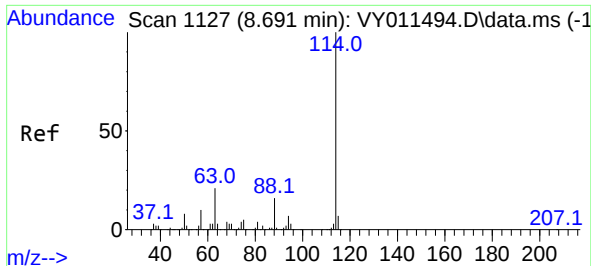
Tgt Ion: 65 Resp: 4345

Ion Ratio Lower Upper

65 100

67 55.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011510.D

Acq: 18 Nov 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-3

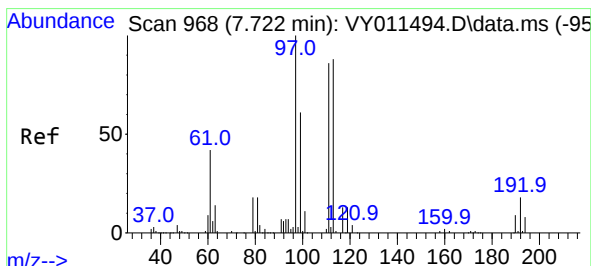
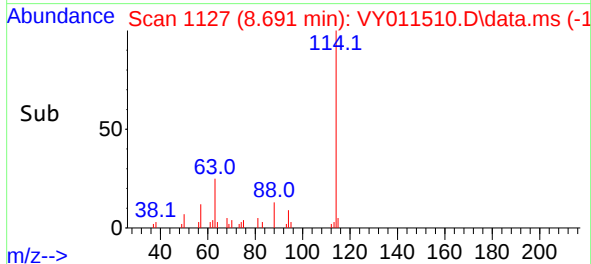
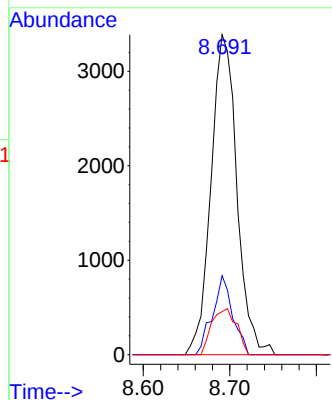
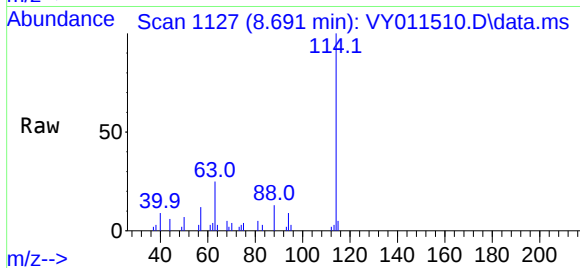
Tgt Ion:114 Resp: 7039

Ion Ratio Lower Upper

114 100

63 24.7 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.856 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011510.D

Acq: 18 Nov 2022 18:34

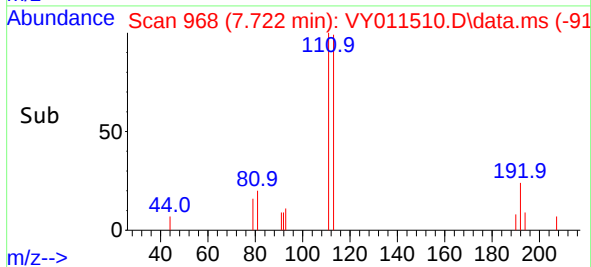
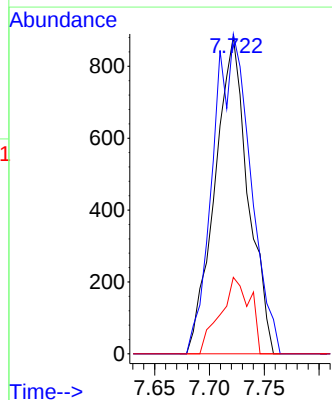
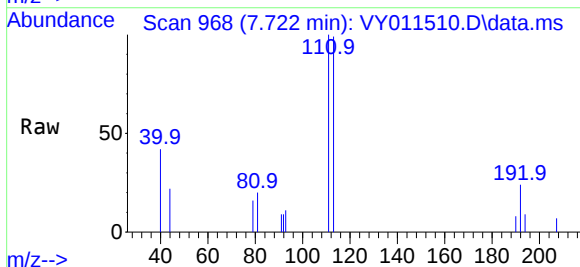
Tgt Ion:113 Resp: 1857

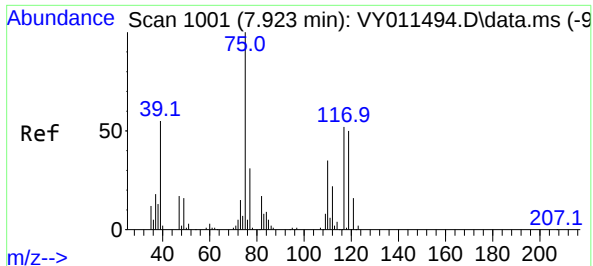
Ion Ratio Lower Upper

113 100

111 114.5 82.6 124.0

192 21.7 17.6 26.4

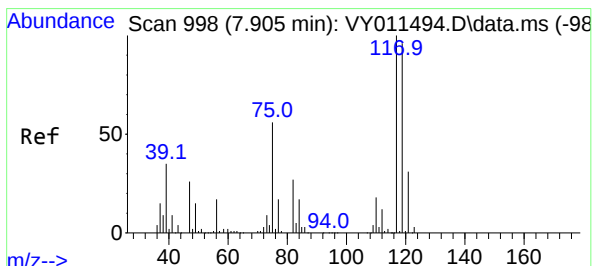
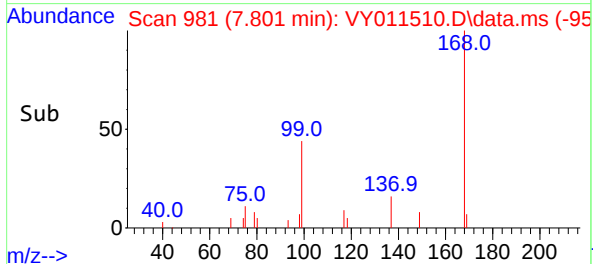
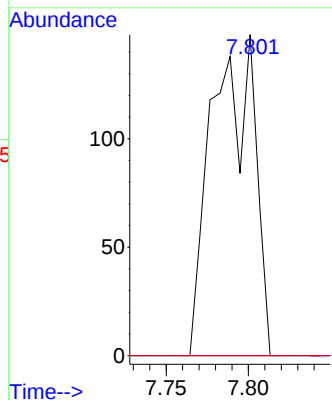
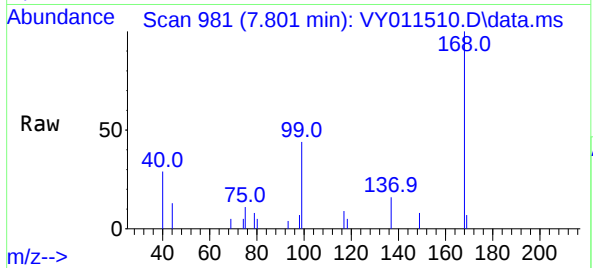




#36
1,1-Dichloropropene
Concen: 3.942 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

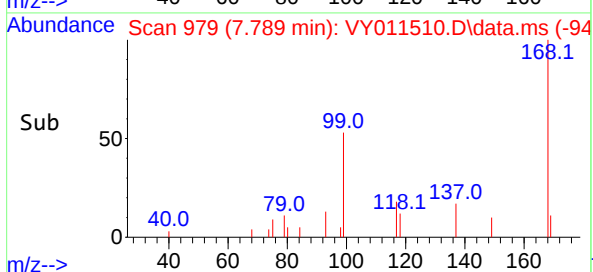
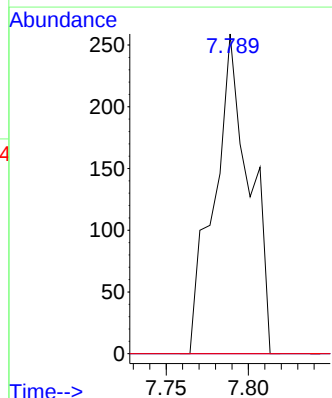
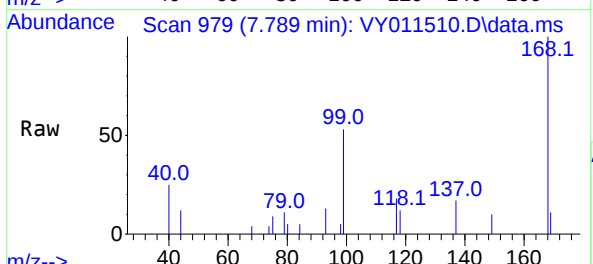
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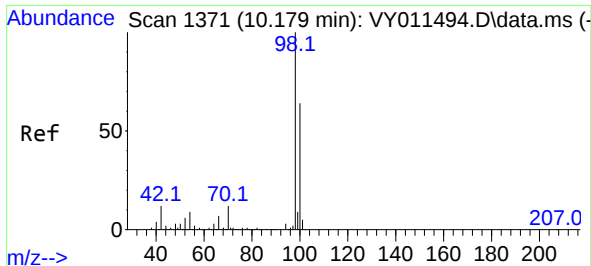
Tgt Ion: 75 Resp: 267
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.107 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion: 117 Resp: 387
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

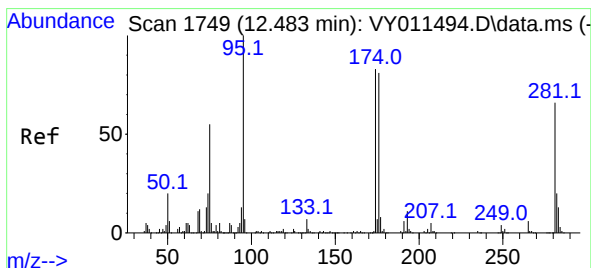
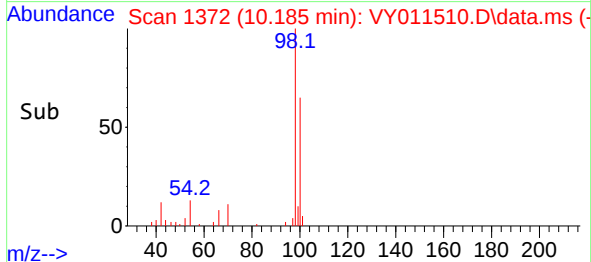
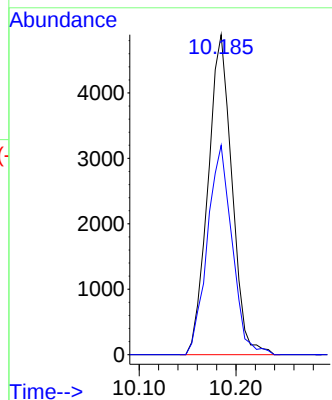
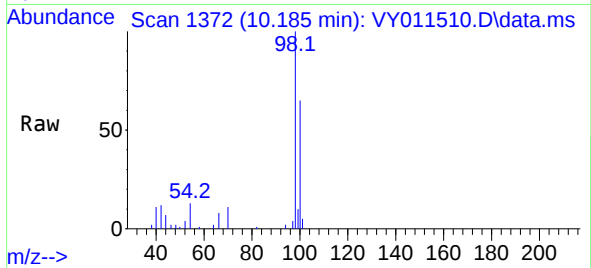




#50
Toluene-d8
Concen: 53.479 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

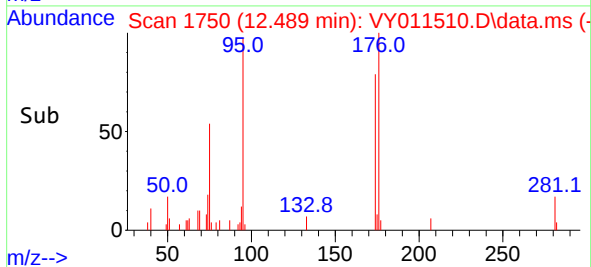
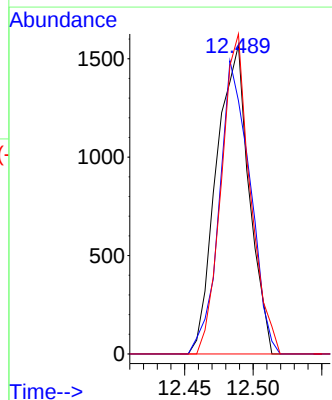
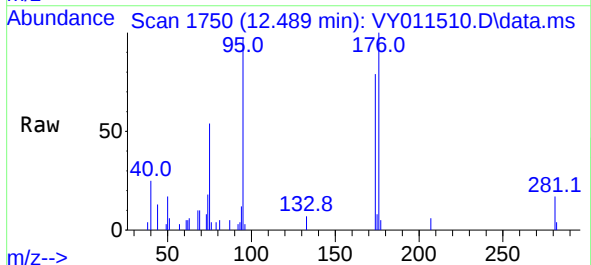
Instrument :
MSVOA_Y
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

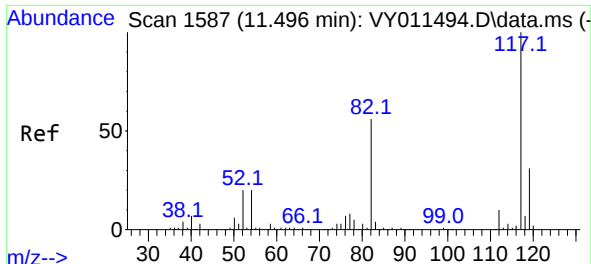
Tgt Ion: 98 Resp: 8421
Ion Ratio Lower Upper
98 100
100 67.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.745 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion: 95 Resp: 2605
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 91.1 0.0 175.8

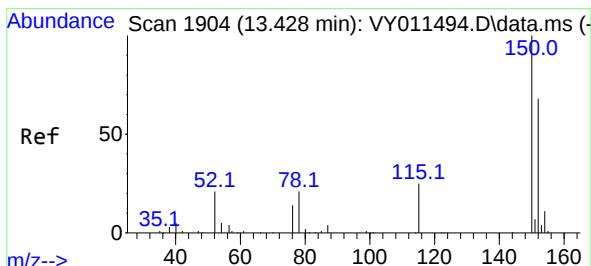
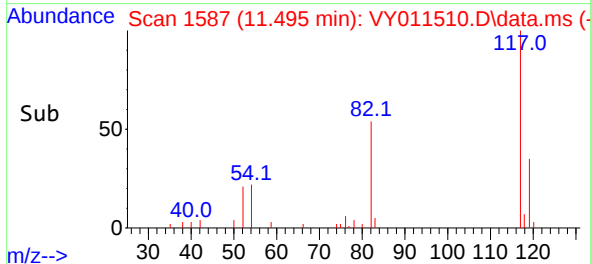
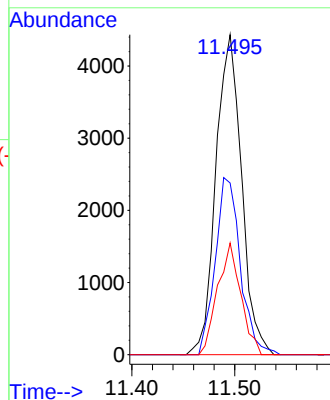
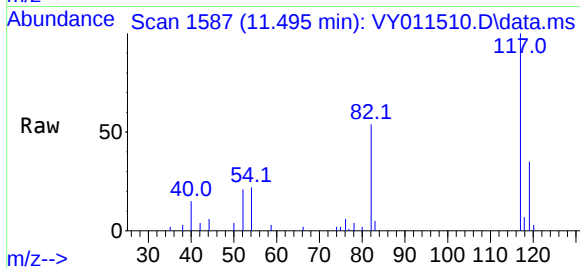




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

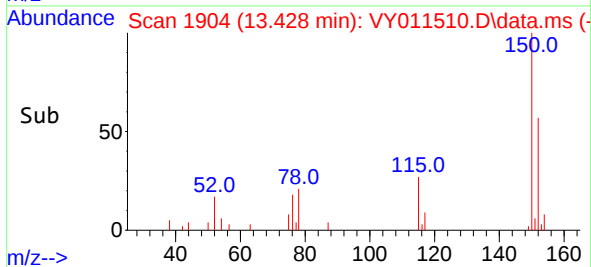
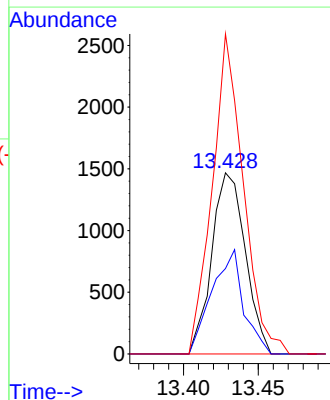
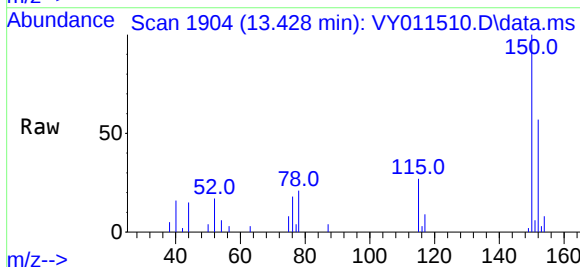
Instrument :
MSVOA_Y
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

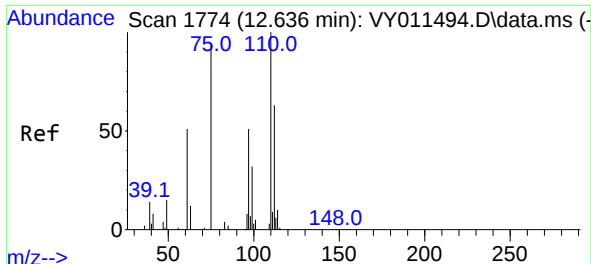
Tgt Ion:117	Resp:	7690
Ion	Ratio	Lower Upper
117	100	
82	53.6	43.0 64.4
119	34.9	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion:152	Resp:	2289
Ion	Ratio	Lower Upper
152	100	
115	54.3	28.2 84.7
150	163.9	0.0 347.6

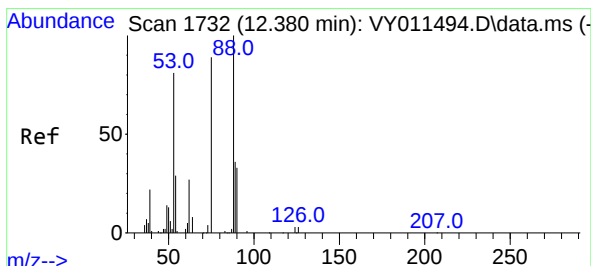
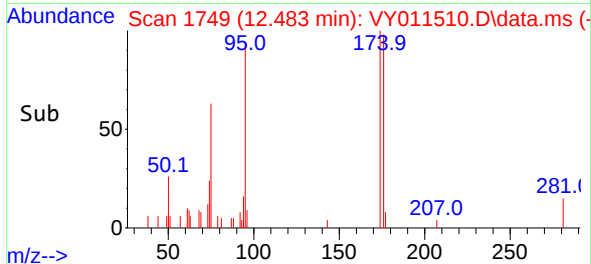
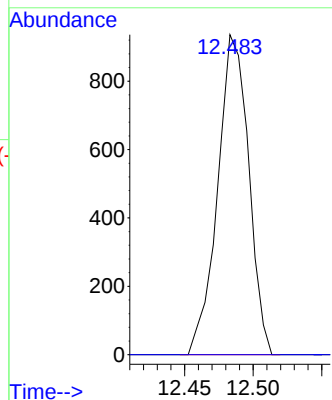
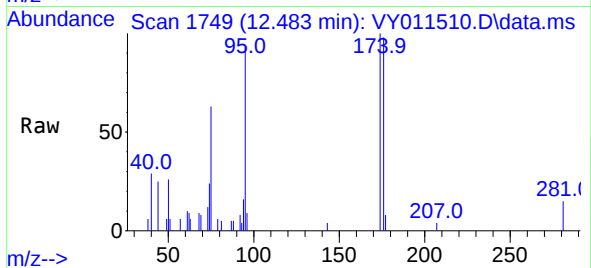




#76
1,2,3-Trichloropropane
Concen: 59.795 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

Tgt Ion: 75 Resp: 1474
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 130.971 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion: 75 Resp: 1474
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

