

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011243.D
 Acq On : 02 Nov 2022 00:46
 Operator : KP/MD
 Sample : N5336-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Nov 02 01:46:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

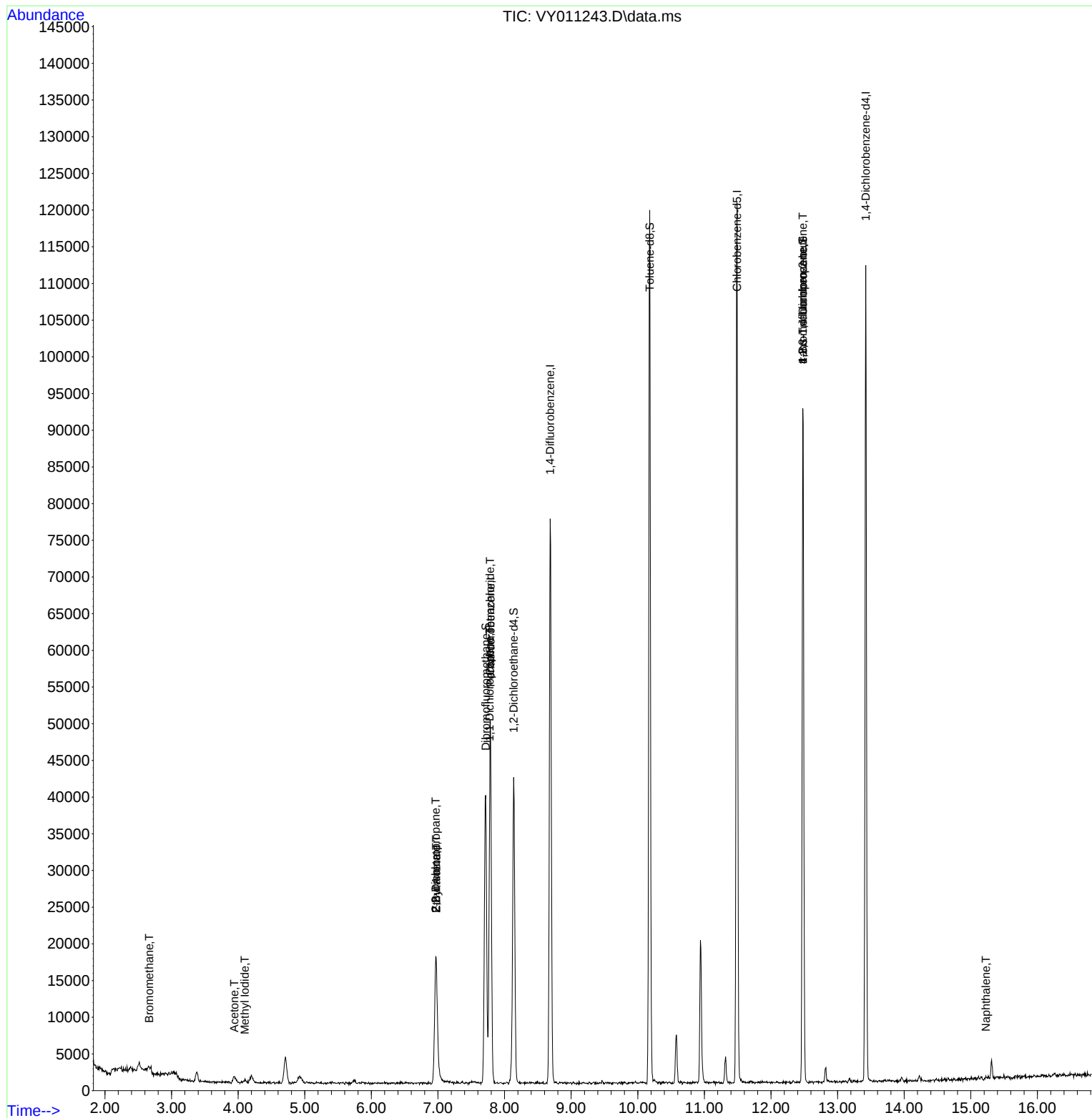
Internal Standards						
1) Pentafluorobenzene	7.789	168	39135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	68812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	69616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	31010	74.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 148.180%			
35) Dibromofluoromethane	7.716	113	29377	66.447	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.900%			
50) Toluene-d8	10.179	98	82541	48.085	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.180%			
62) 4-Bromofluorobenzene	12.477	95	29294	49.158	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.320%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	357	1.104	ug/l	89
10) Methyl Iodide	4.101	142	772	1.393	ug/l #	77
11) Tert butyl alcohol	4.942	59	678	Below Cal	#	77
16) Acetone	3.942	43	1780	14.088	ug/l	93
25) 2-Butanone	6.972	43	1067	6.002	ug/l #	54
26) 2,2-Dichloropropane	6.966	77	1391	1.817	ug/l #	55
36) 1,1-Dichloropropene	7.777	75	3023	4.187	ug/l #	49
37) Ethyl Acetate	6.972	43	1067	2.741	ug/l #	1
38) Carbon Tetrachloride	7.783	117	4054	5.412	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	14221	40.109	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14221	85.838	ug/l #	7
95) Naphthalene	15.227	128	210	4.118	ug/l #	69

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

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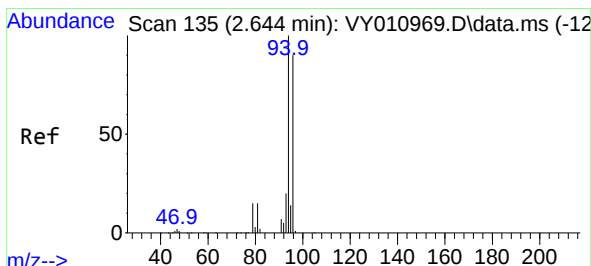
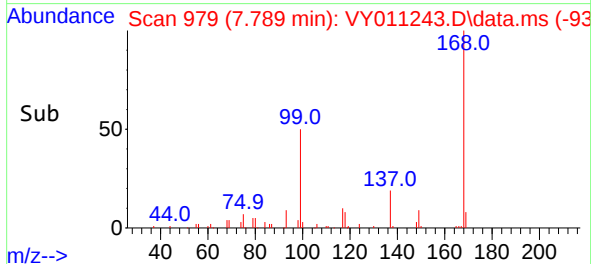
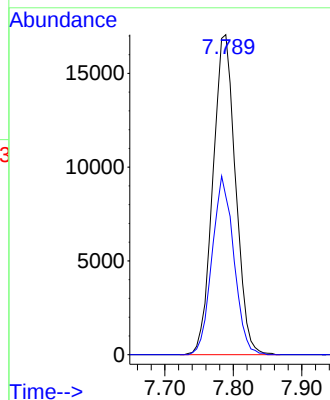
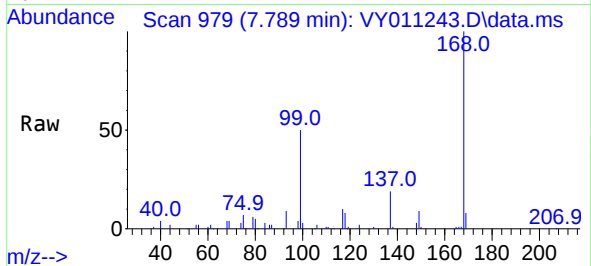




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

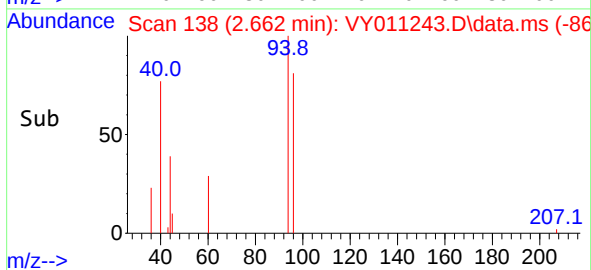
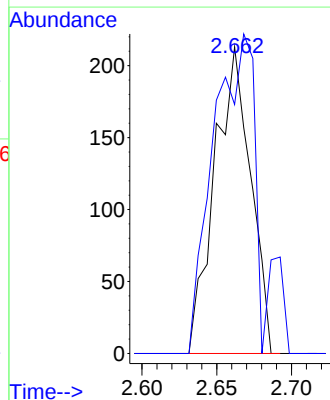
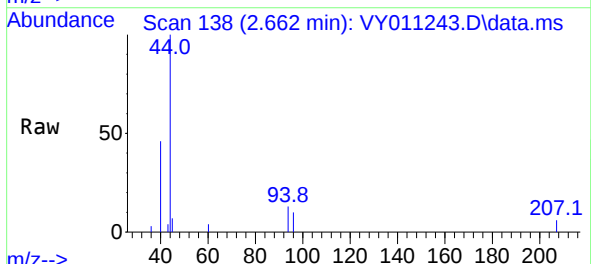
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

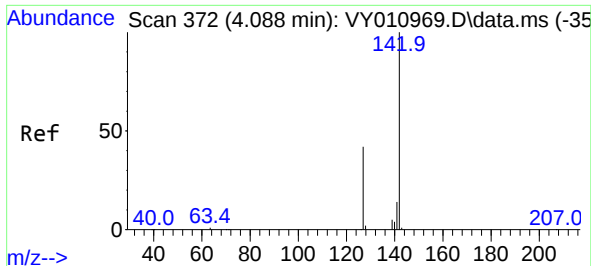
Tgt Ion:168 Resp: 39135
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#5
Bromomethane
Concen: 1.104 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

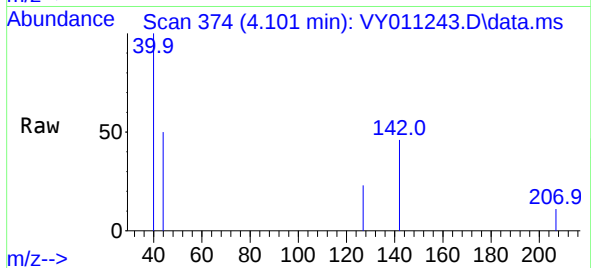
Tgt Ion: 94 Resp: 357
Ion Ratio Lower Upper
94 100
96 81.2 73.5 110.3



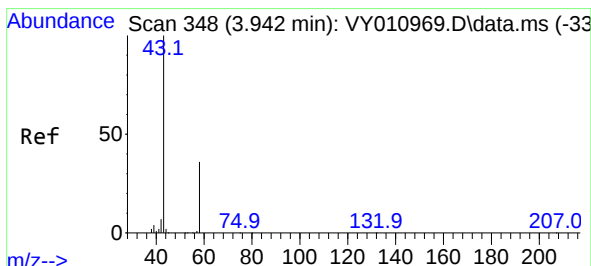
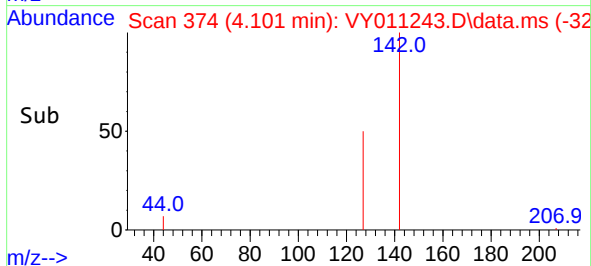
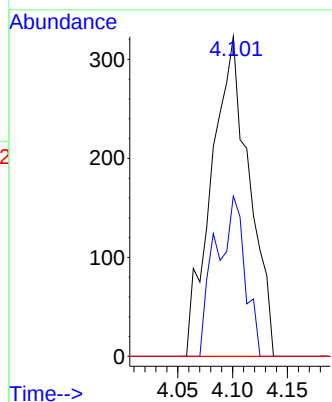


#10
Methyl Iodide
Concen: 1.393 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

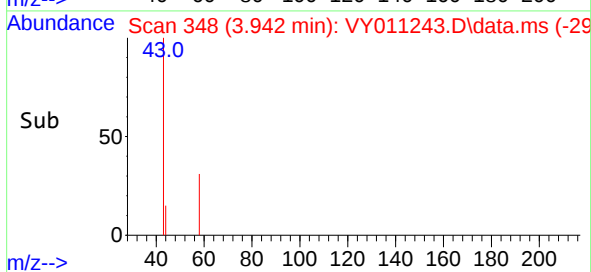
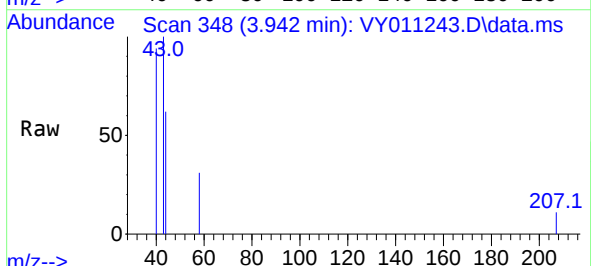
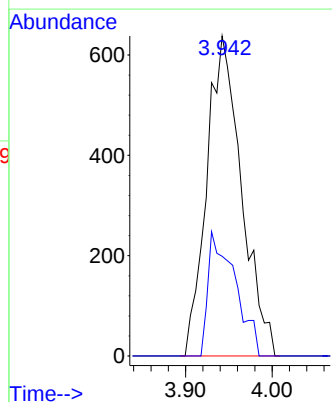


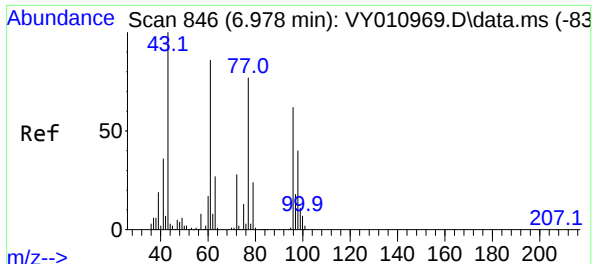
Tgt Ion:142 Resp: 772
Ion Ratio Lower Upper
142 100
127 38.7 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 14.088 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0





#25

2-Butanone

Concen: 6.002 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY011243.D

Acq: 02 Nov 2022 00:46

Instrument :

MSVOA_Y

ClientSampleId :

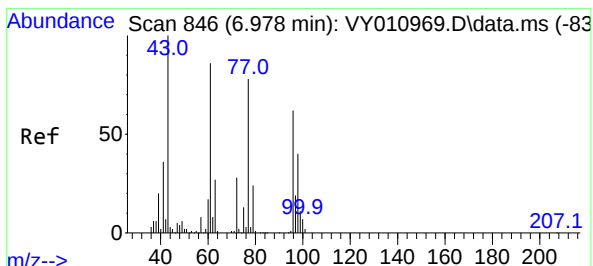
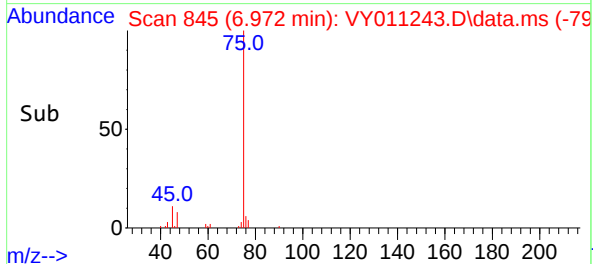
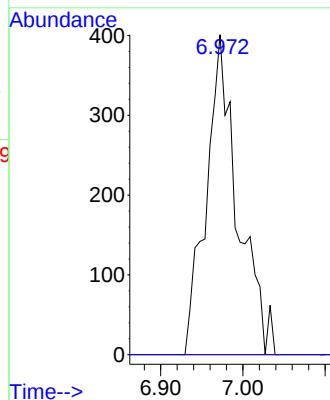
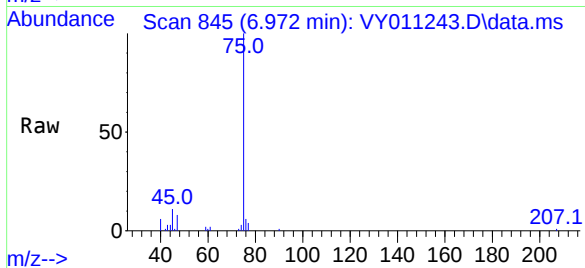
SB-02-0-2.0

Tgt Ion: 43 Resp: 1067

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.817 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY011243.D

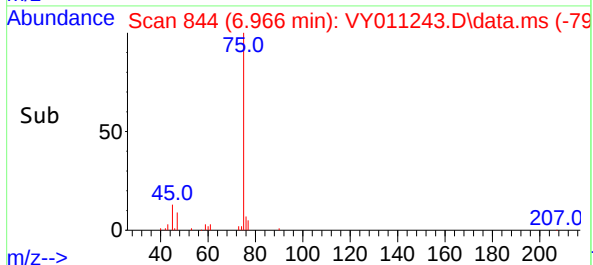
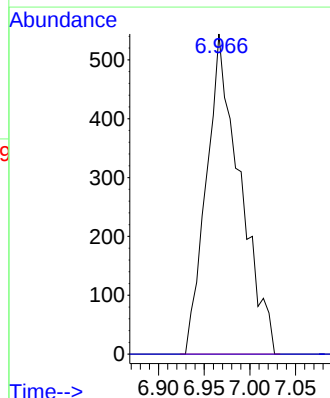
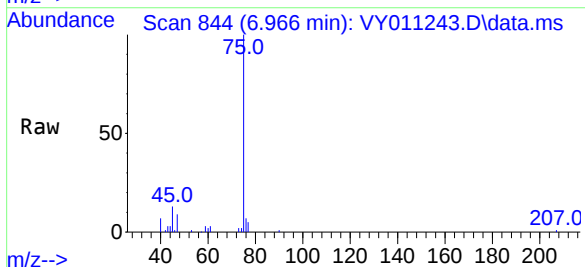
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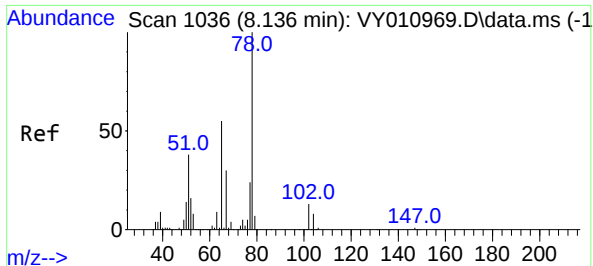
Tgt Ion: 77 Resp: 1391

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

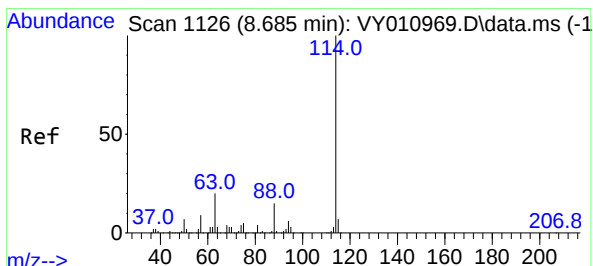
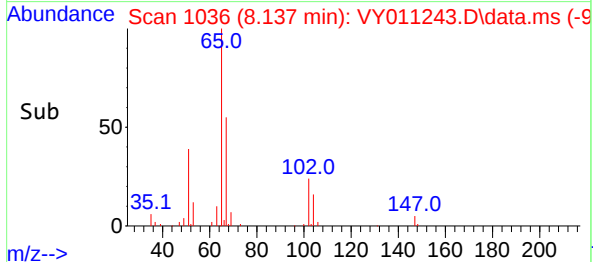
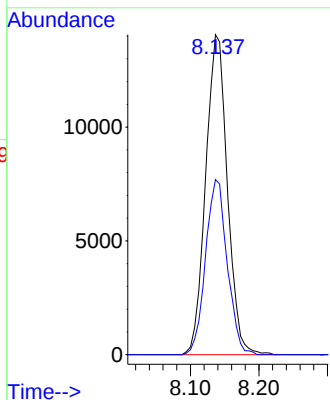
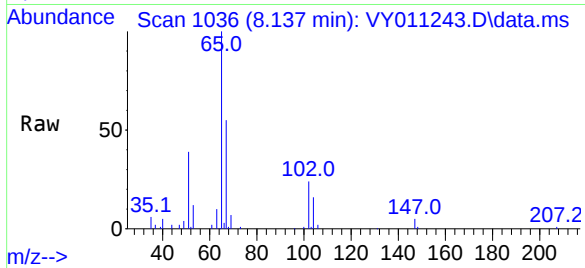




#33
1,2-Dichloroethane-d4
Concen: 74.089 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

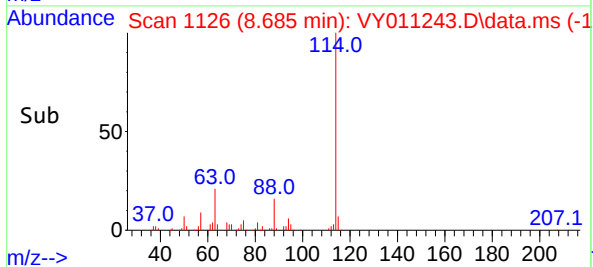
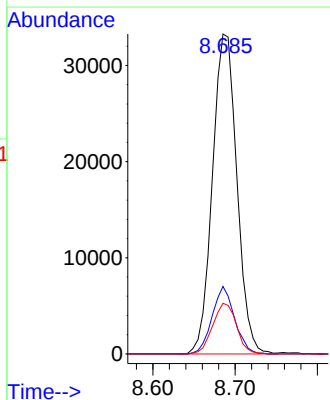
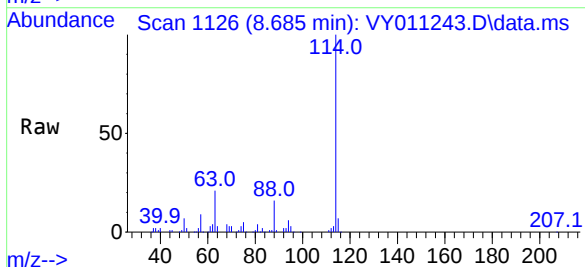
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

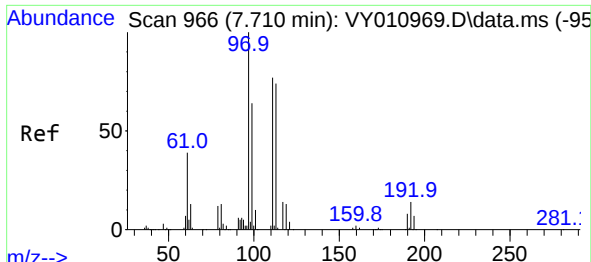
Tgt Ion: 65 Resp: 31010
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

Tgt Ion:114 Resp: 68812
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 66.447 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011243.D

Acq: 02 Nov 2022 00:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0

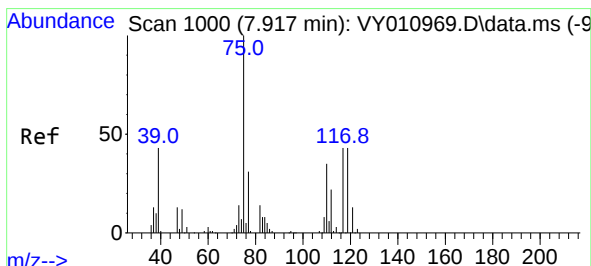
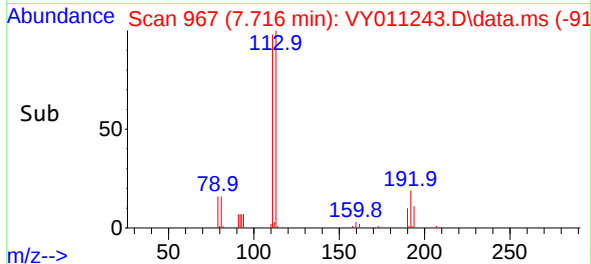
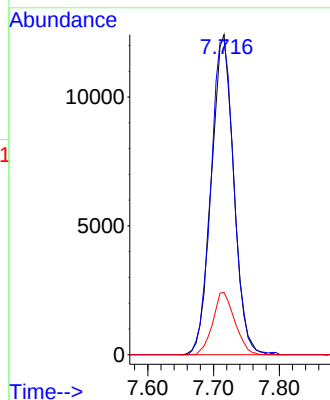
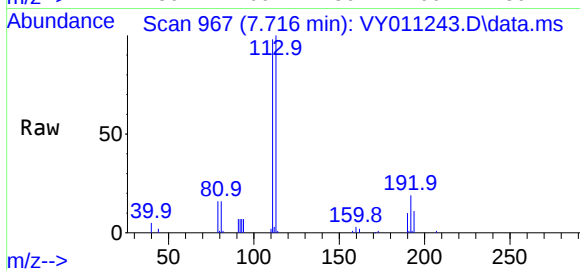
Tgt Ion:113 Resp: 29377

Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 19.1 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.187 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.140 min

Lab File: VY011243.D

Acq: 02 Nov 2022 00:46

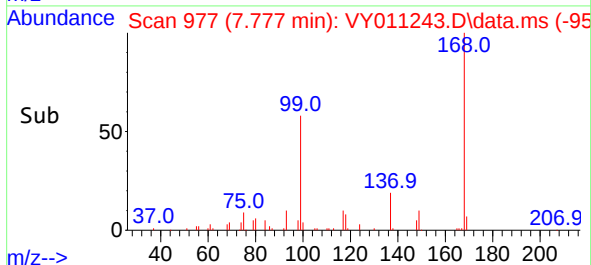
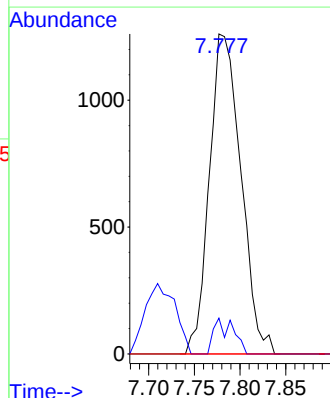
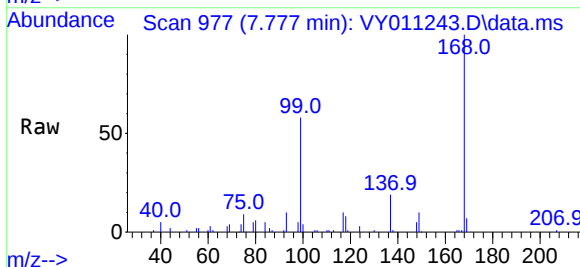
Tgt Ion: 75 Resp: 3023

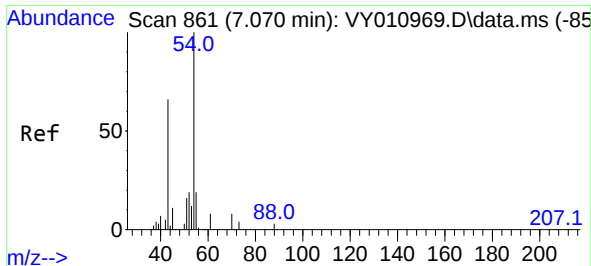
Ion Ratio Lower Upper

75 100

110 6.9 17.1 51.2#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.741 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY011243.D

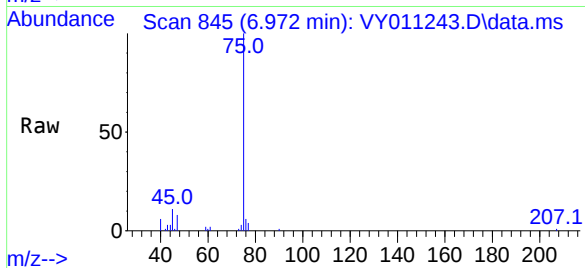
Acq: 02 Nov 2022 00:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0



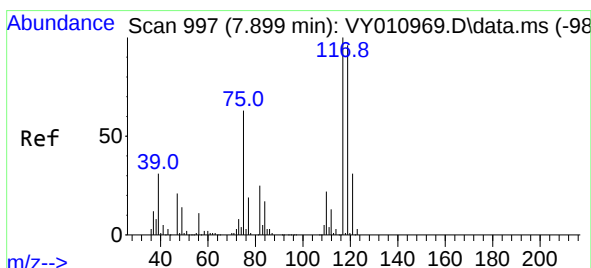
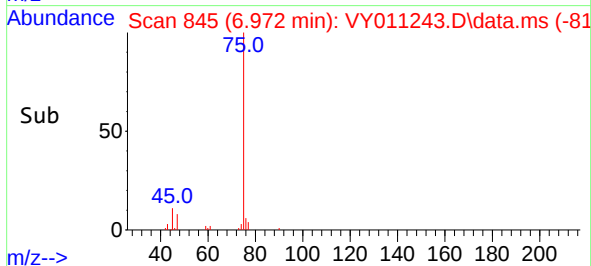
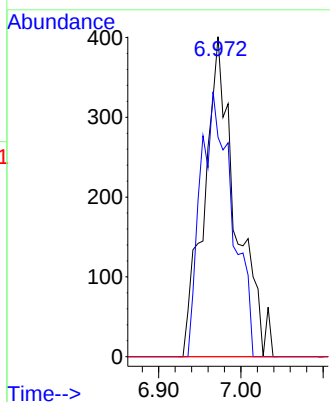
Tgt Ion: 43 Resp: 1067

Ion Ratio Lower Upper

43 100

61 83.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.412 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011243.D

Acq: 02 Nov 2022 00:46

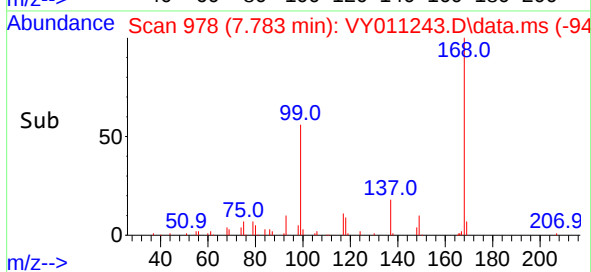
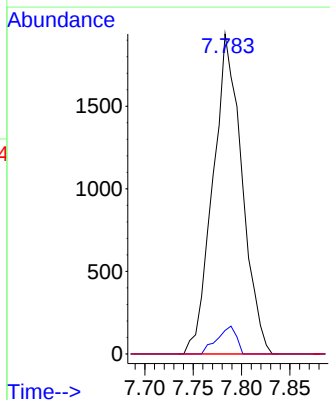
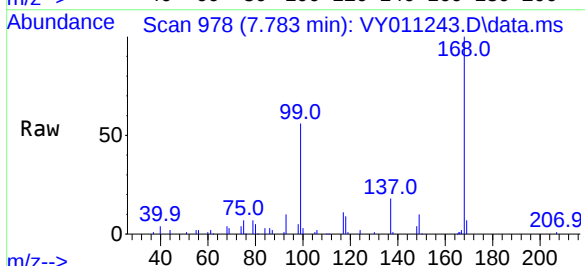
Tgt Ion: 117 Resp: 4054

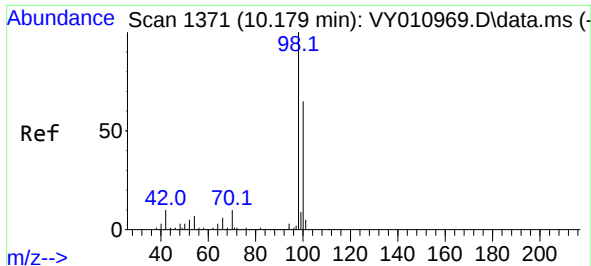
Ion Ratio Lower Upper

117 100

119 7.4 77.9 116.9#

121 0.0 24.8 37.2#

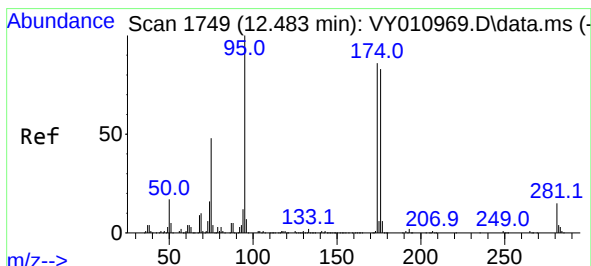
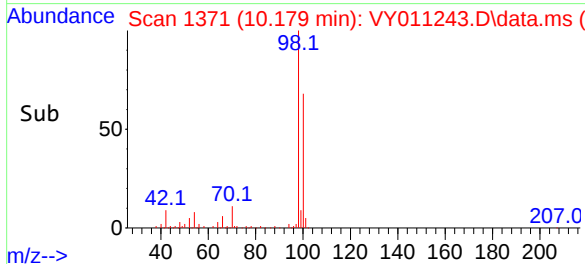
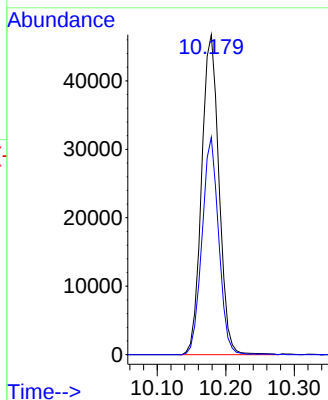
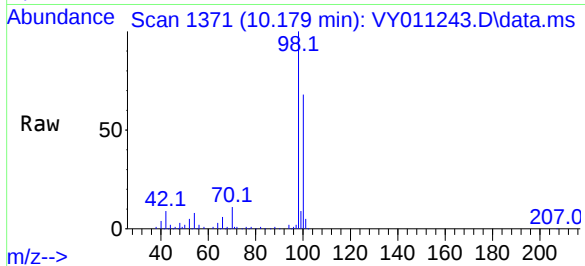




#50
Toluene-d8
Concen: 48.085 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

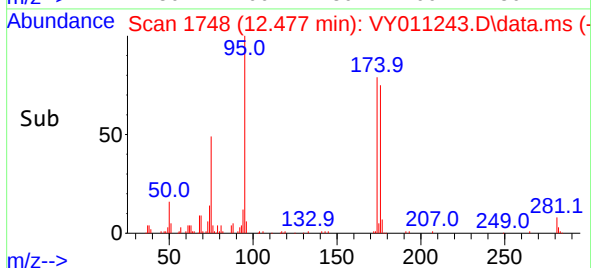
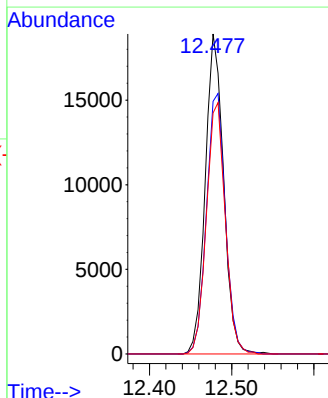
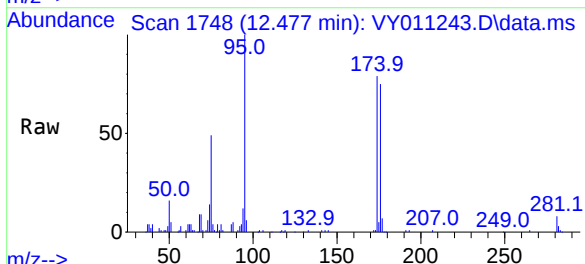
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

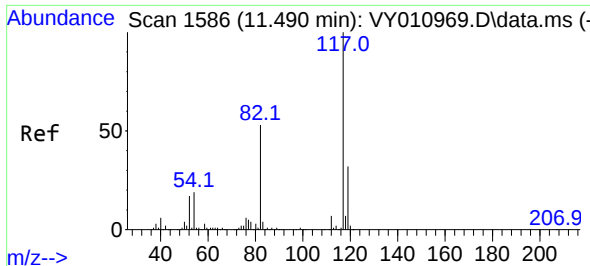
Tgt Ion: 98 Resp: 82541
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.158 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

Tgt Ion: 95 Resp: 29294
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 80.9 0.0 175.8

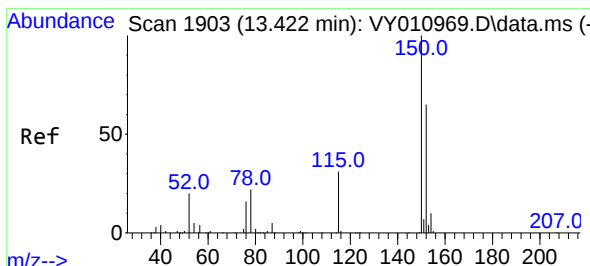
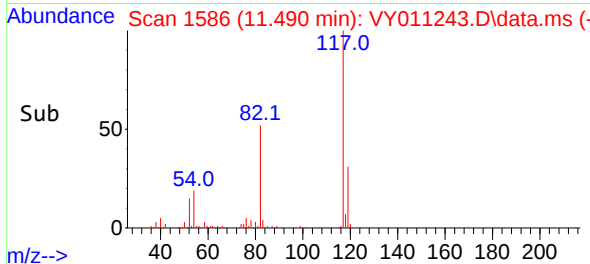
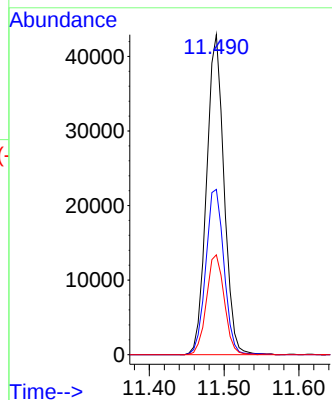
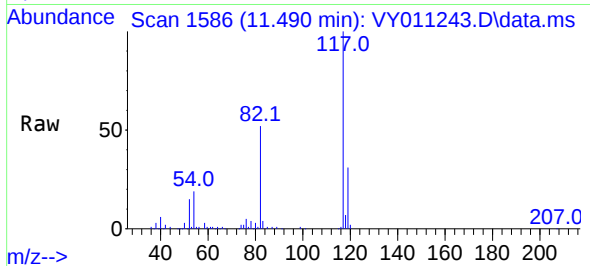




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

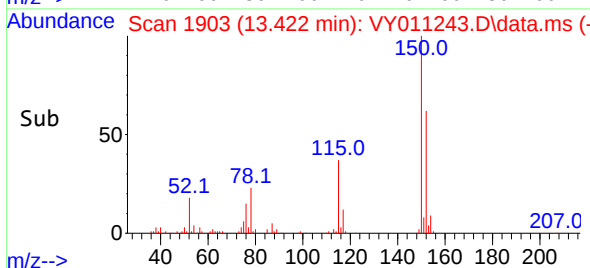
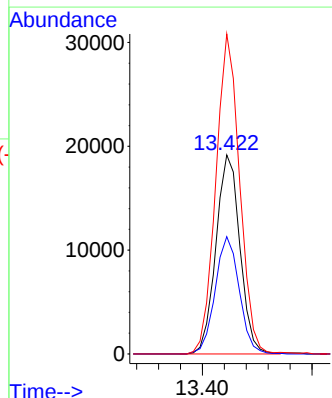
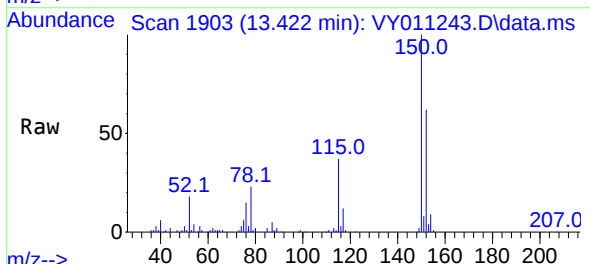
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

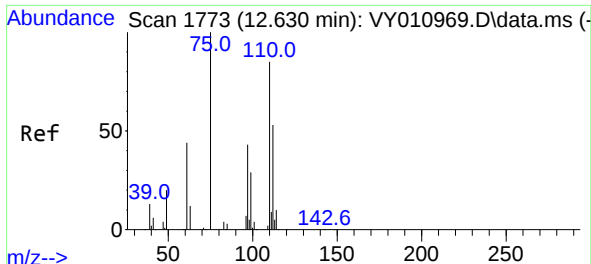
Tgt Ion:117	Resp:	69616
Ion	Ratio	Lower Upper
117	100	
82	51.7	43.0 64.4
119	31.2	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

Tgt Ion:152	Resp:	29124
Ion	Ratio	Lower Upper
152	100	
115	59.3	28.2 84.7
150	160.1	0.0 347.6

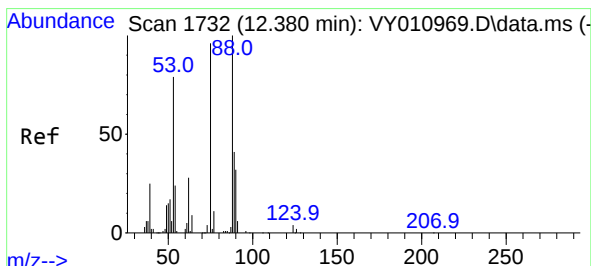
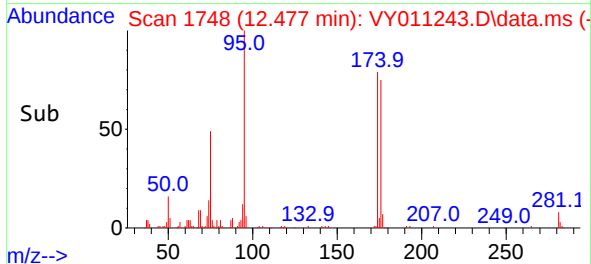
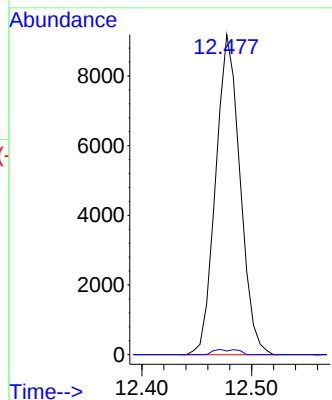
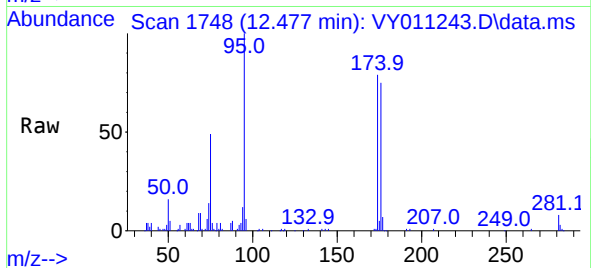




#76
1,2,3-Trichloropropane
Concen: 40.109 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

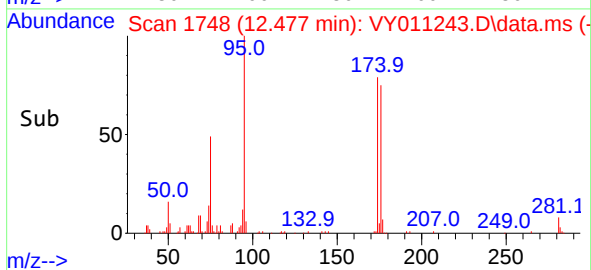
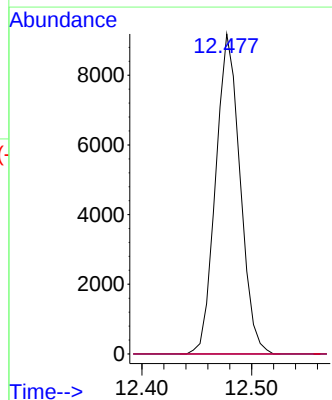
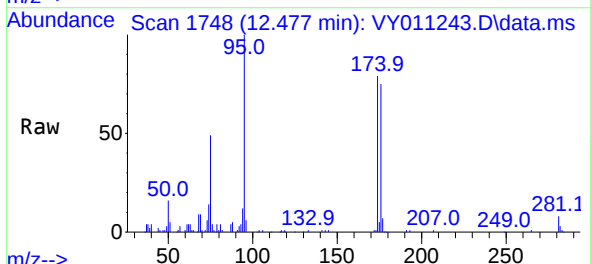
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

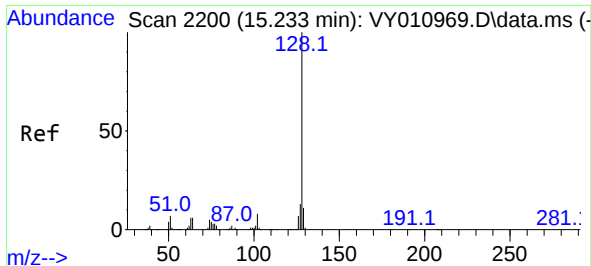
Tgt Ion: 75 Resp: 14221
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.838 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011243.D
Acq: 02 Nov 2022 00:46

Tgt Ion: 75 Resp: 14221
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.118 ug/l

RT: 15.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY011243.D

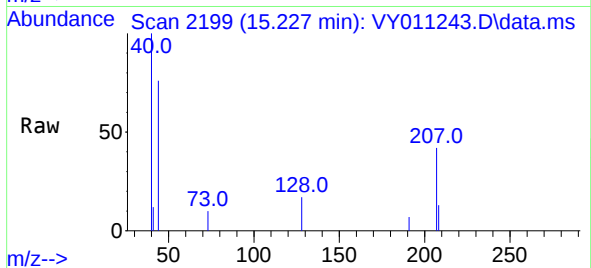
Acq: 02 Nov 2022 00:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0



Tgt Ion:	128	Resp:	210
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

