

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011309.D
 Acq On : 04 Nov 2022 19:47
 Operator : KP/MD
 Sample : N5310-16RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 01:54:58 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)

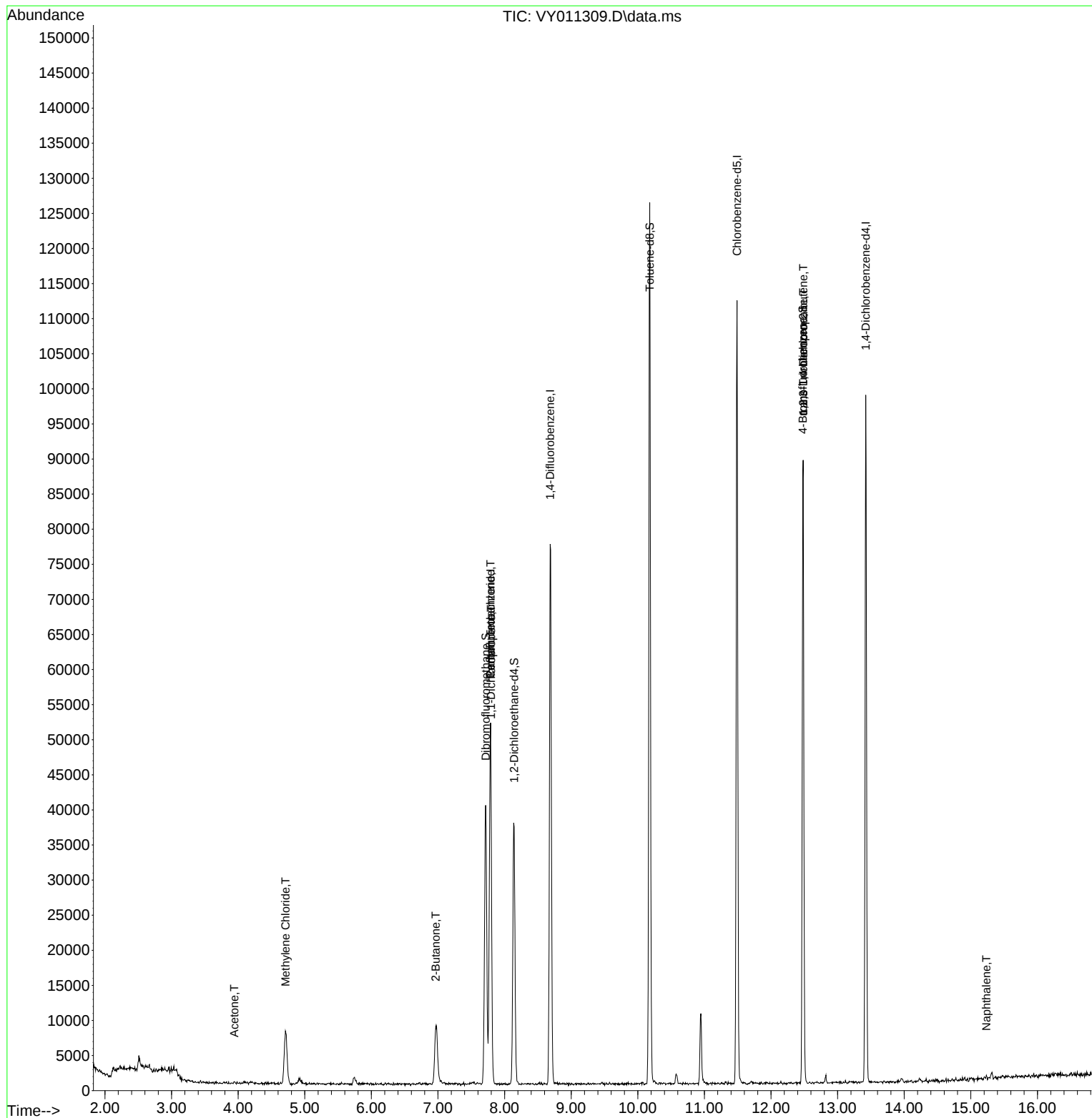
Internal Standards						
1) Pentafluorobenzene	7.789	168	41055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	69478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	29340	66.821	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.640%			
35) Dibromofluoromethane	7.715	113	28316	63.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 126.860%			
50) Toluene-d8	10.178	98	85653	49.420	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.477	95	29234	48.587	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.180%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	664	Below Cal	#	77
16) Acetone	3.942	43	371	2.799	ug/l #	47
20) Methylene Chloride	4.710	84	6010	6.736	ug/l #	79
25) 2-Butanone	6.966	43	342	1.834	ug/l #	54
36) 1,1-Dichloropropene	7.795	75	3094	4.244	ug/l #	49
38) Carbon Tetrachloride	7.789	117	4063	5.372	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	13936	43.667	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13936	93.452	ug/l #	7
95) Naphthalene	15.232	128	181	4.112	ug/l #	84

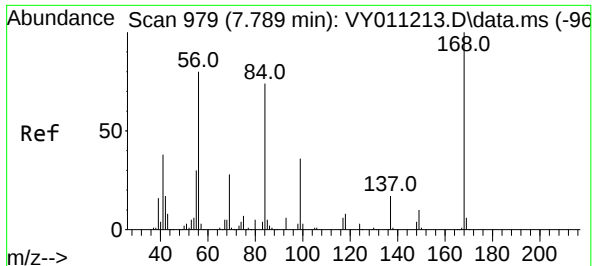
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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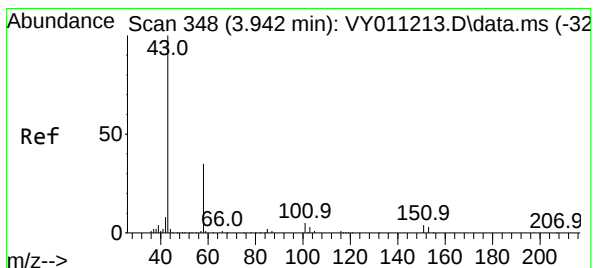
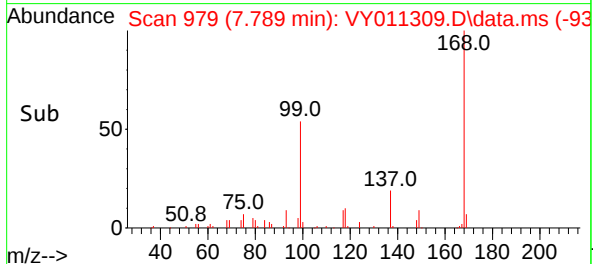
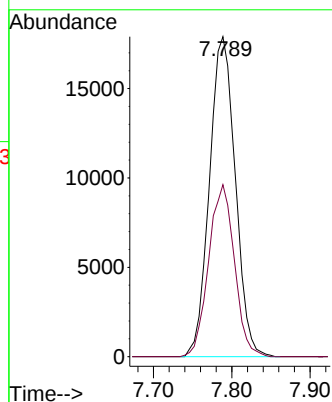
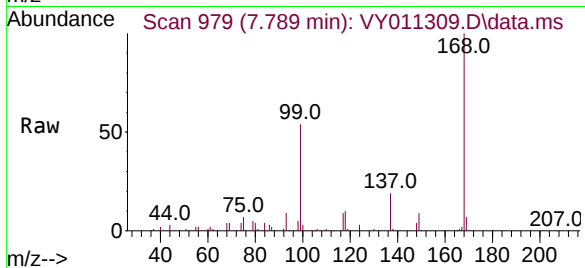




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011309.D
Acq: 04 Nov 2022 19:47

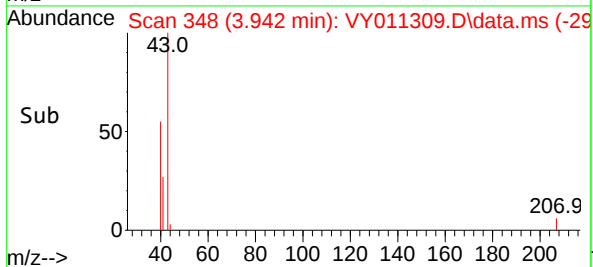
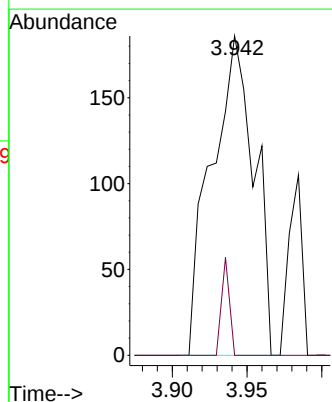
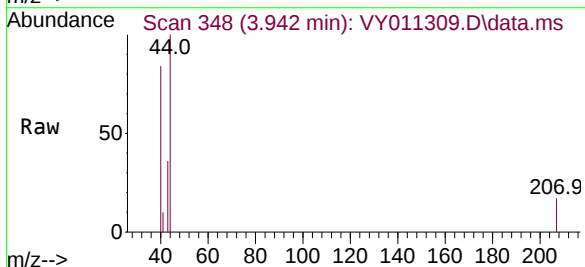
Instrument :
MSVOA_Y
ClientSampleId :

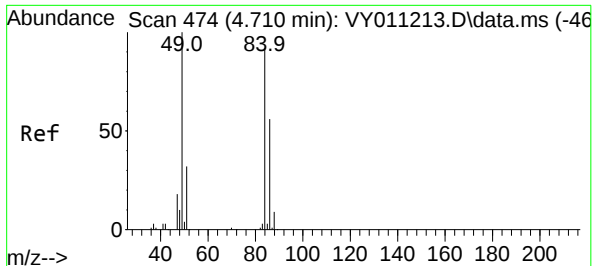
Tgt Ion:168 Resp: 41055
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#16
Acetone
Concen: 2.799 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011309.D
Acq: 04 Nov 2022 19:47

Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: 6.736 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.000 min

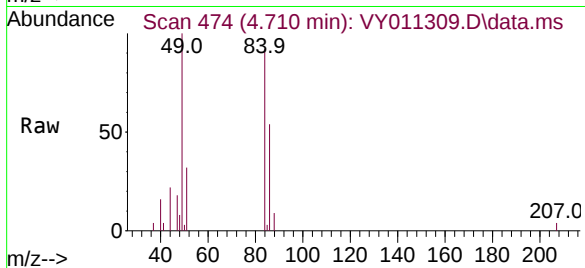
Lab File: VY011309.D

Acq: 04 Nov 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 6010

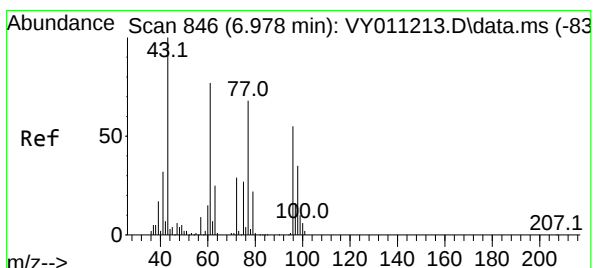
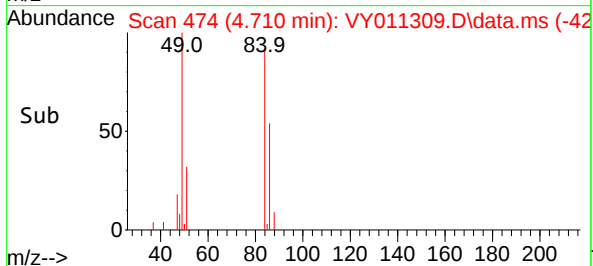
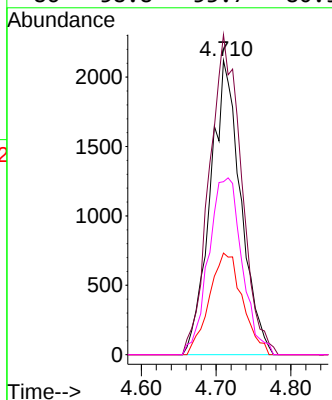
Ion Ratio Lower Upper

84 100

49 108.8 114.4 171.6#

51 34.5 35.3 52.9#

86 58.8 53.7 80.5



#25

2-Butanone

Concen: 1.834 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY011309.D

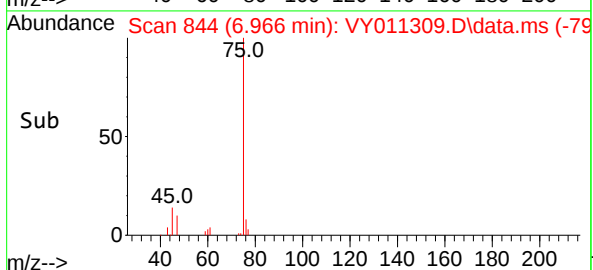
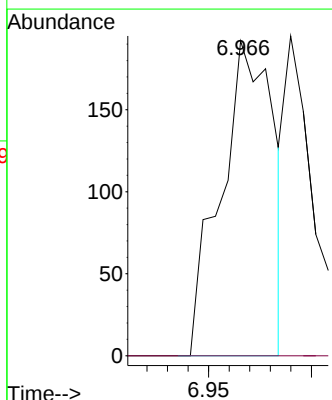
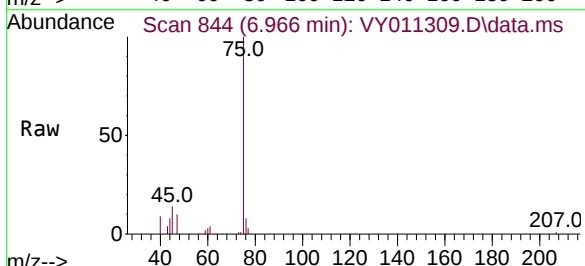
Acq: 04 Nov 2022 19:47

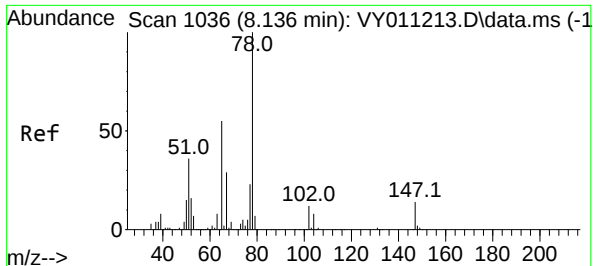
Tgt Ion: 43 Resp: 342

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 66.821 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011309.D

Acq: 04 Nov 2022 19:47

Instrument :

MSVOA_Y

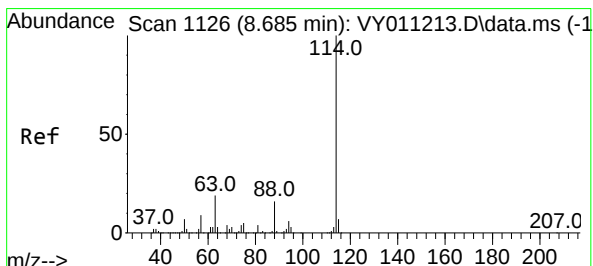
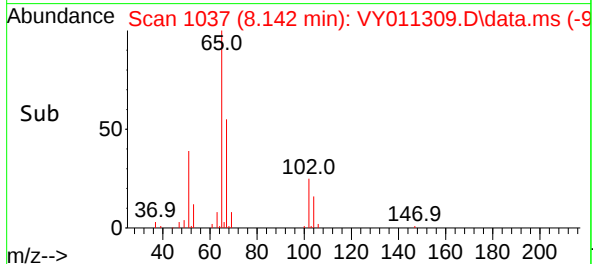
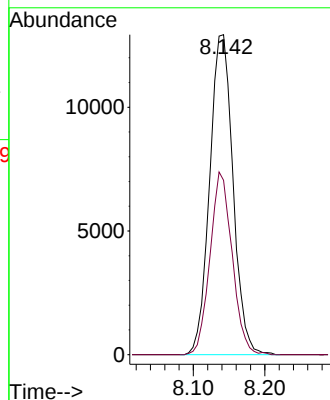
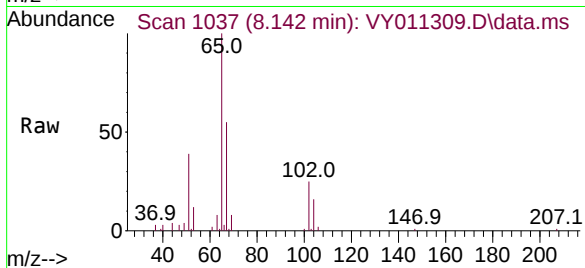
ClientSampleId :

Tgt Ion: 65 Resp: 29340

Ion Ratio Lower Upper

65 100

67 54.2 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: VY011309.D

Acq: 04 Nov 2022 19:47

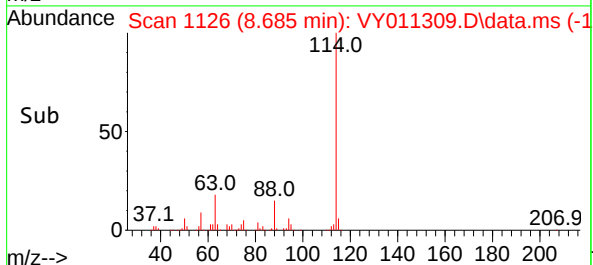
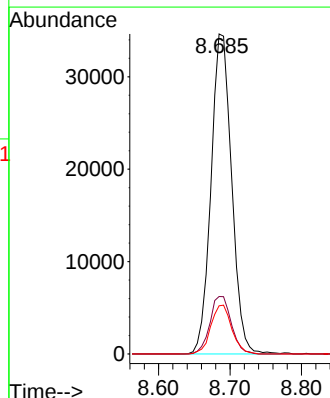
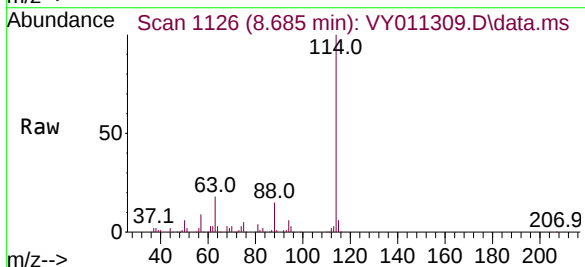
Tgt Ion: 114 Resp: 69478

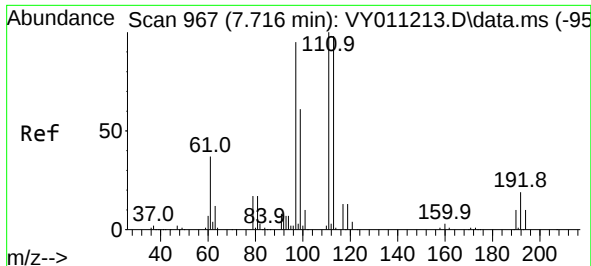
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.1 0.0 31.8

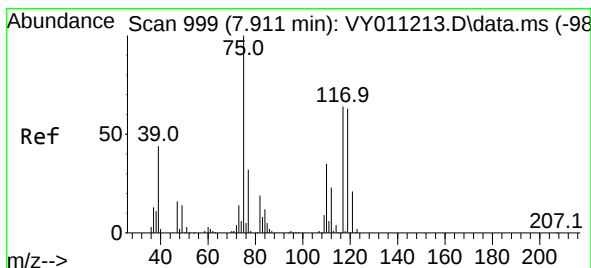
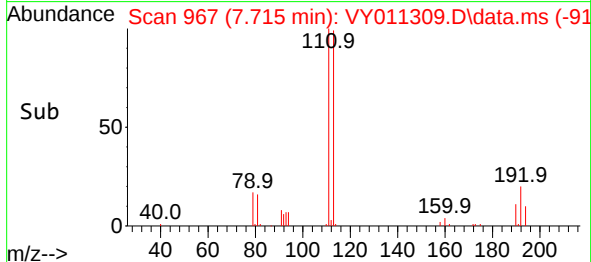
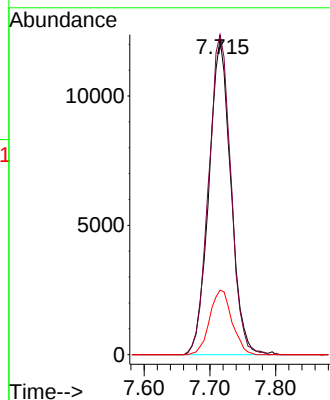
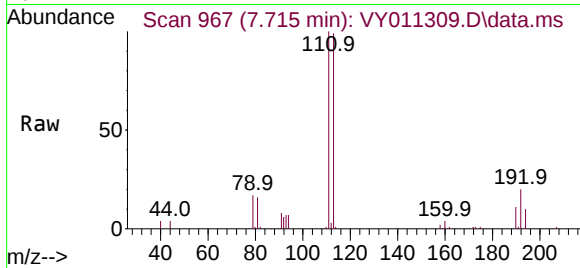




#35
Dibromofluoromethane
Concen: 63.433 ug/l
RT: 7.715 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY011309.D
Acq: 04 Nov 2022 19:47

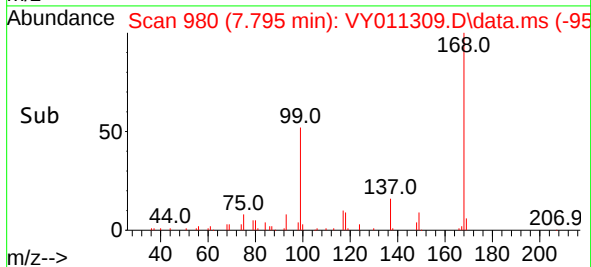
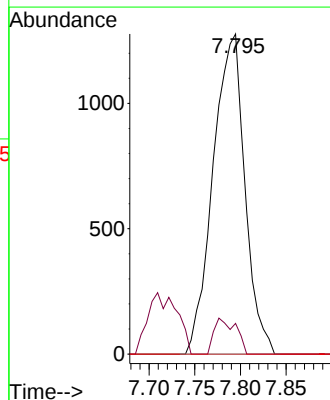
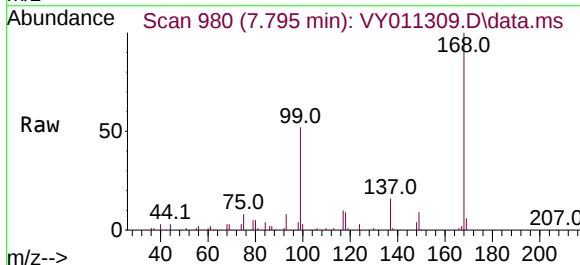
Instrument :
MSVOA_Y
ClientSampleId :

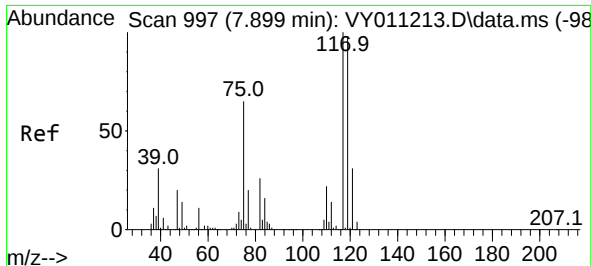
Tgt Ion:113 Resp: 28316
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.244 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY011309.D
Acq: 04 Nov 2022 19:47

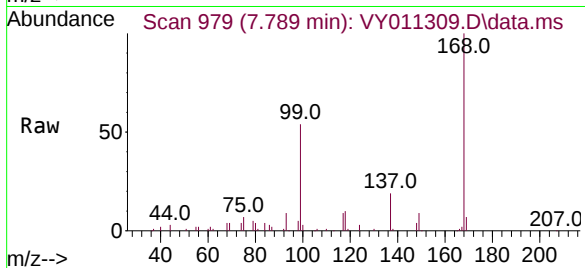
Tgt Ion: 75 Resp: 3094
Ion Ratio Lower Upper
75 100
110 7.7 17.1 51.2#
77 0.0 24.4 36.6#



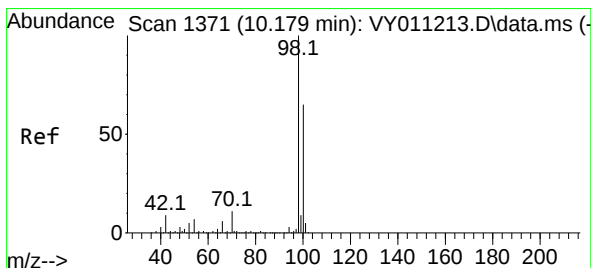
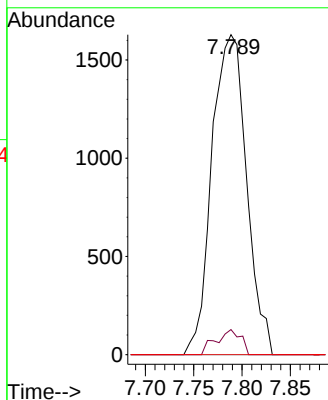
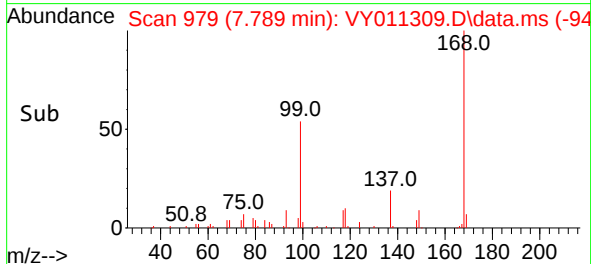


#38
Carbon Tetrachloride
Concen: 5.372 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011309.D
Acq: 04 Nov 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :

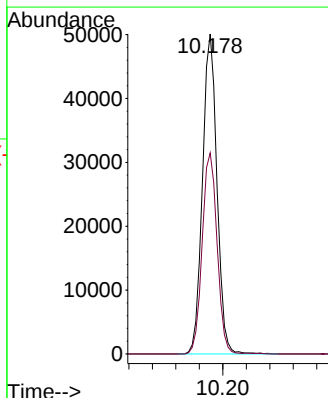
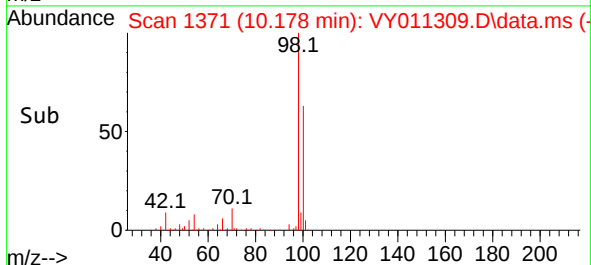
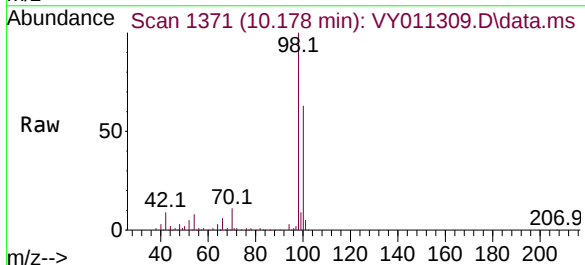


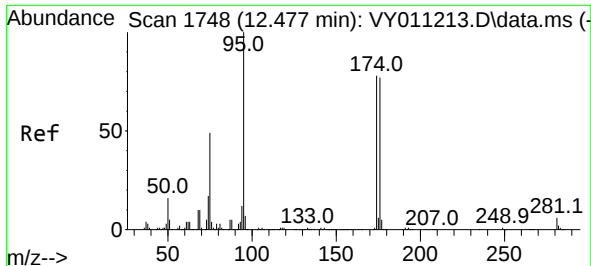
Tgt Ion:117 Resp: 4063
Ion Ratio Lower Upper
117 100
119 7.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.420 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011309.D
Acq: 04 Nov 2022 19:47

Tgt Ion: 98 Resp: 85653
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 48.587 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011309.D

Acq: 04 Nov 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

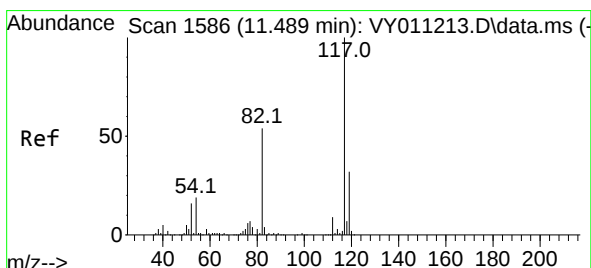
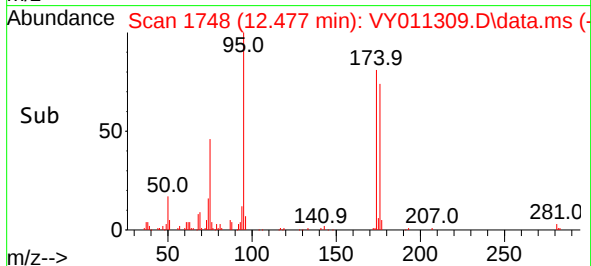
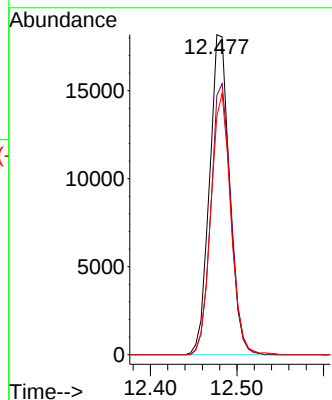
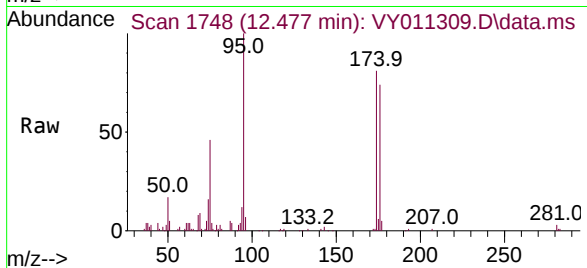
Tgt Ion: 95 Resp: 29234

Ion Ratio Lower Upper

95 100

174 84.9 0.0 177.0

176 81.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY011309.D

Acq: 04 Nov 2022 19:47

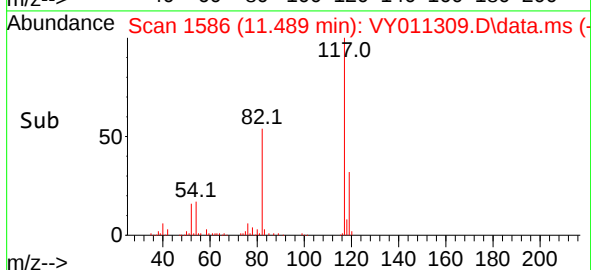
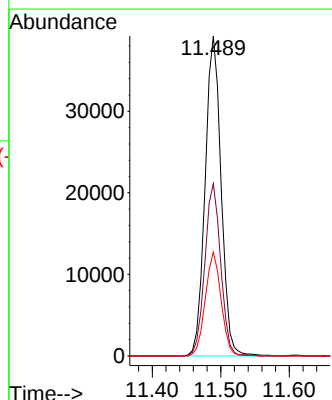
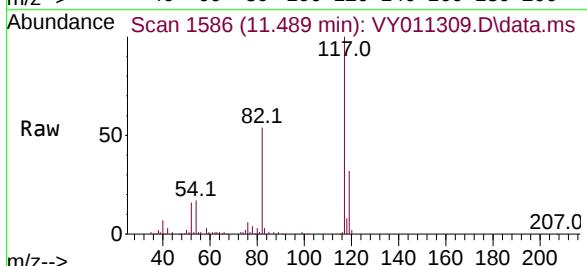
Tgt Ion: 117 Resp: 63845

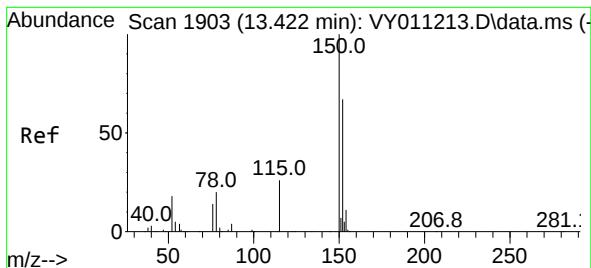
Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 32.4 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: VY011309.D

Acq: 04 Nov 2022 19:47

Instrument :

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ClientSampleId :

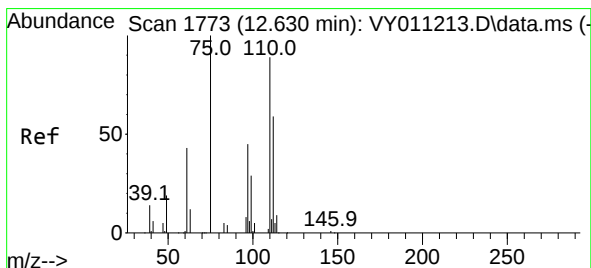
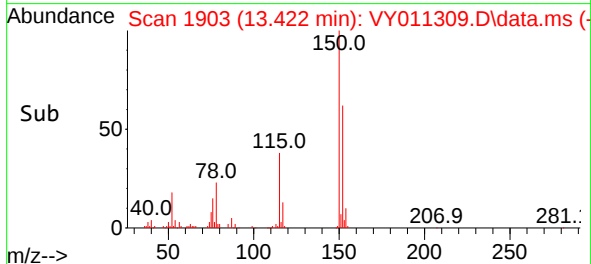
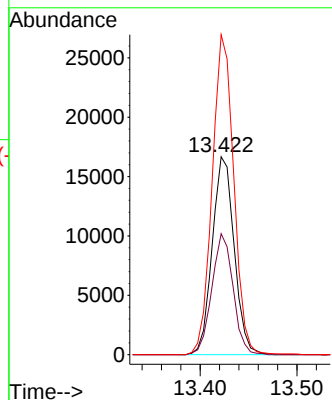
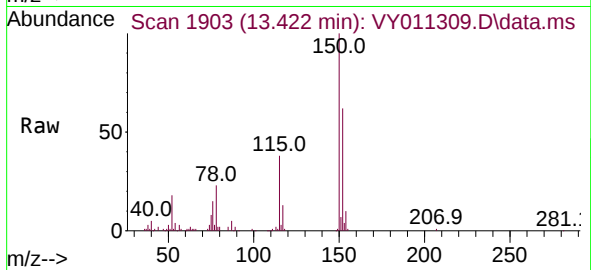
Tgt Ion:152 Resp: 26215

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 158.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 43.667 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY011309.D

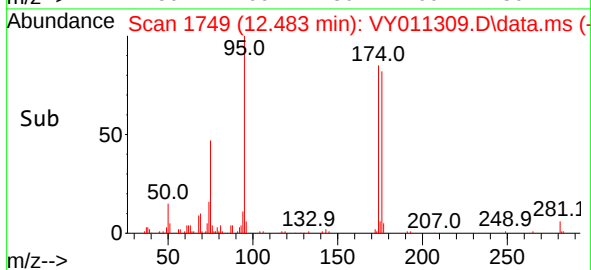
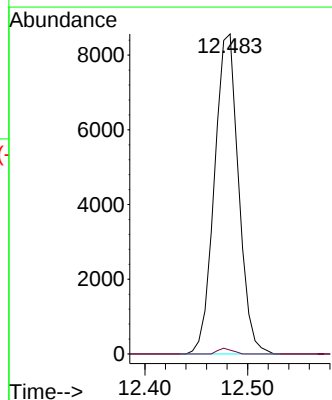
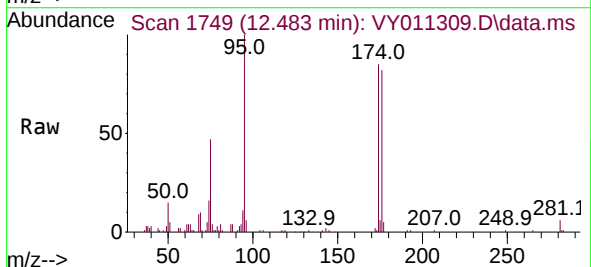
Acq: 04 Nov 2022 19:47

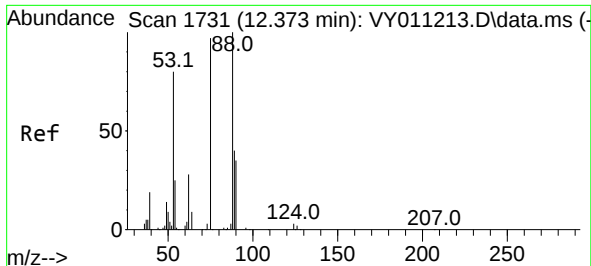
Tgt Ion: 75 Resp: 13936

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#

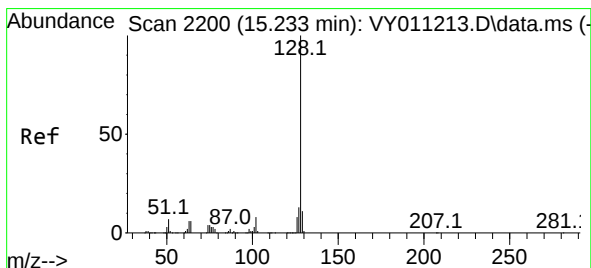
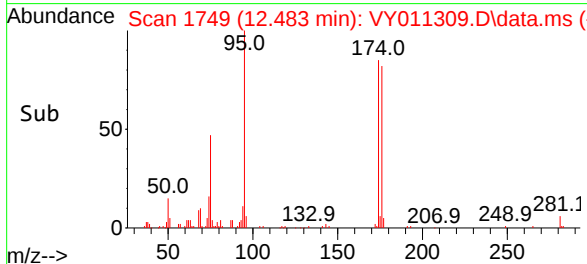
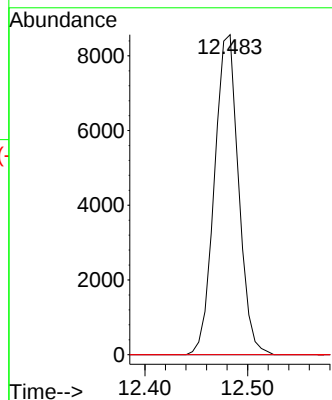
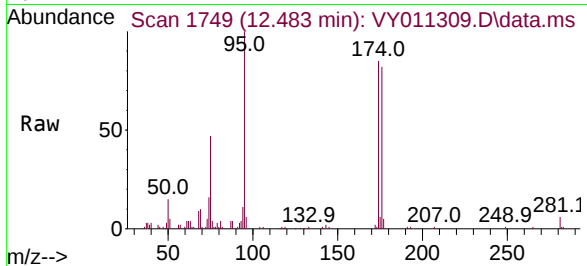




#81
trans-1,4-Dichloro-2-butene
Concen: 93.452 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011309.D
Acq: 04 Nov 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13936
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.112 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.001 min
Lab File: VY011309.D
Acq: 04 Nov 2022 19:47

Tgt Ion: 128 Resp: 181
Ion Ratio Lower Upper
128 100
127 11.0 11.0 16.4
129 0.0 8.4 12.6#

