

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011304.D
 Acq On : 04 Nov 2022 17:54
 Operator : KP/MD
 Sample : N5310-10RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-6

Quant Time: Nov 07 01:53:42 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)

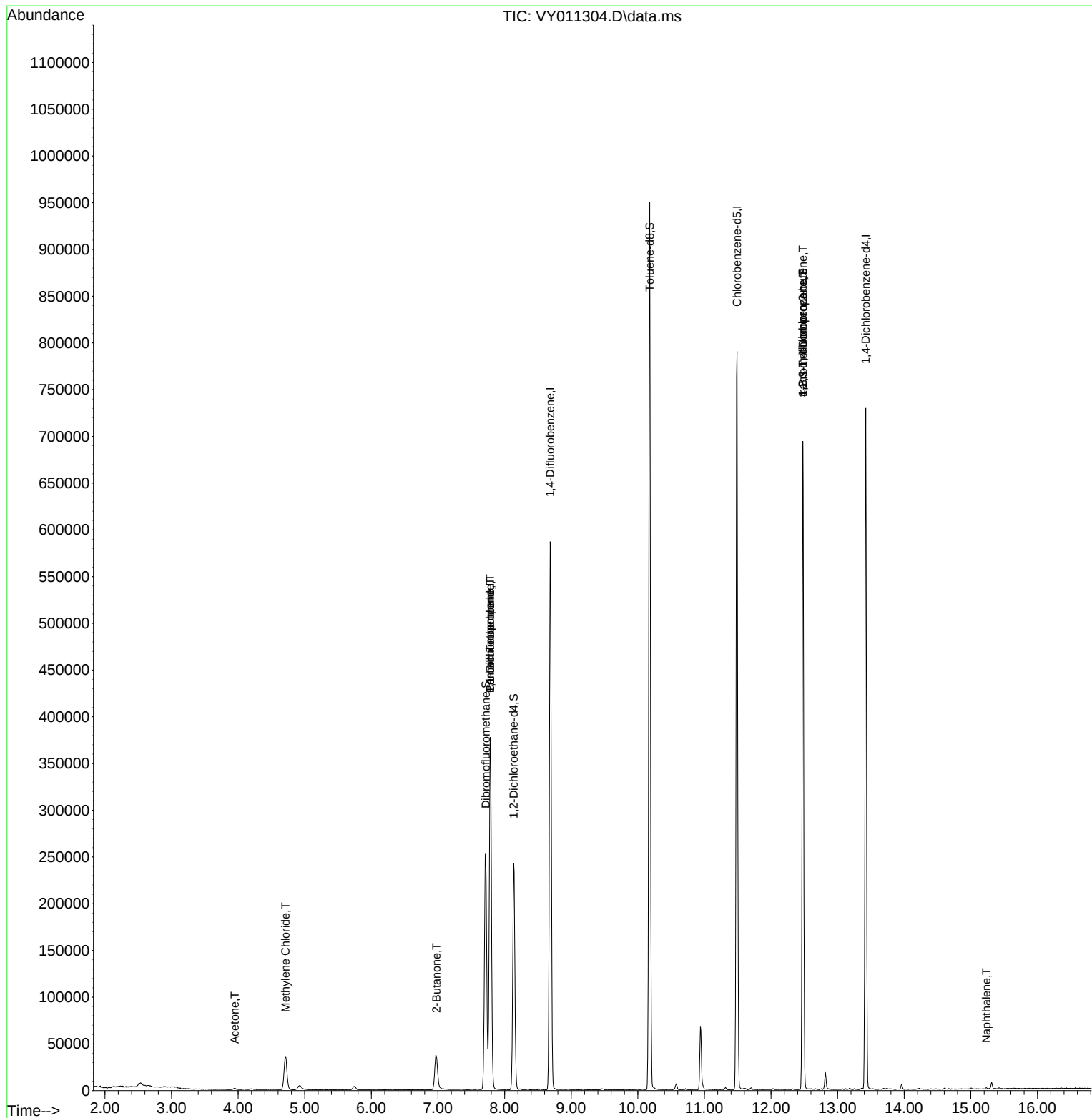
Internal Standards						
1) Pentafluorobenzene	7.783	168	301581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	521642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	448364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	184522	57.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.420%
35) Dibromofluoromethane	7.716	113	187174	55.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.700%
50) Toluene-d8	10.179	98	632324	48.593	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.477	95	219128	48.507	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	173	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	4942	Below Cal	#	86
13) Acrolein	3.710	56	22	Below Cal	#	14
16) Acetone	3.948	43	2252	2.313	ug/l #	81
20) Methylene Chloride	4.710	84	29251	2.577	ug/l #	84
25) 2-Butanone	6.978	43	2465	1.799	ug/l #	90
36) 1,1-Dichloropropene	7.783	75	22101	4.038	ug/l #	51
38) Carbon Tetrachloride	7.783	117	29214	5.145	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	107113	46.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	107113	99.987	ug/l #	7
95) Naphthalene	15.233	128	1089	4.088	ug/l #	92

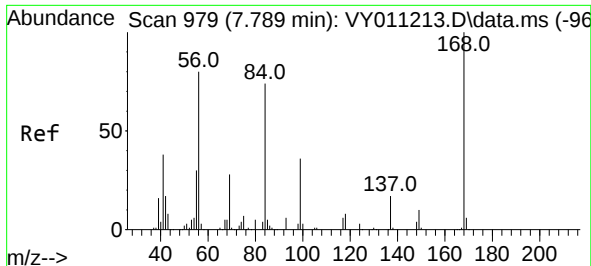
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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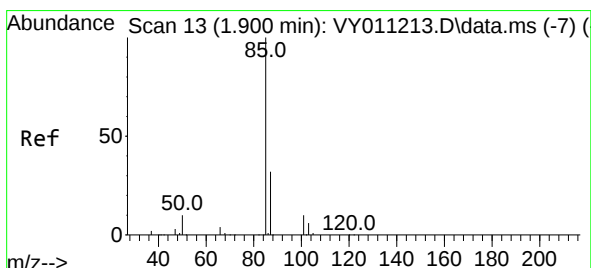
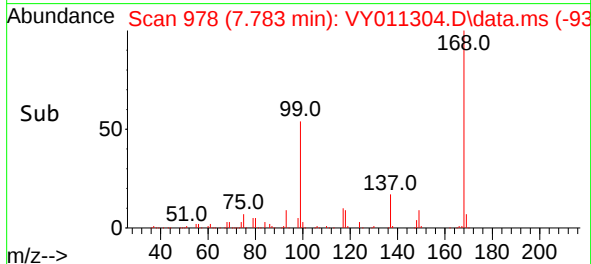
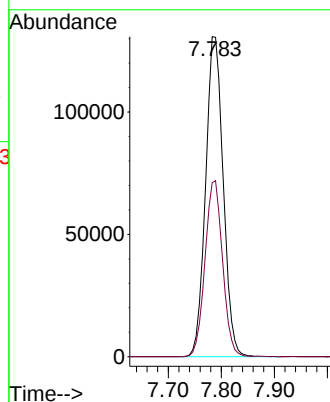
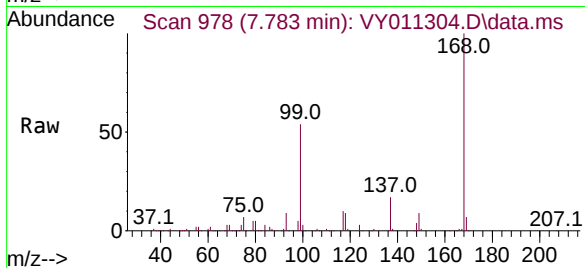




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

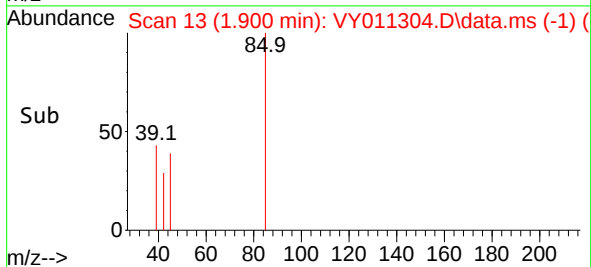
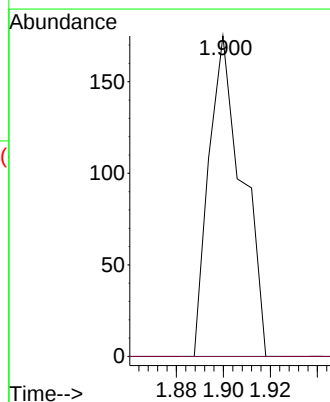
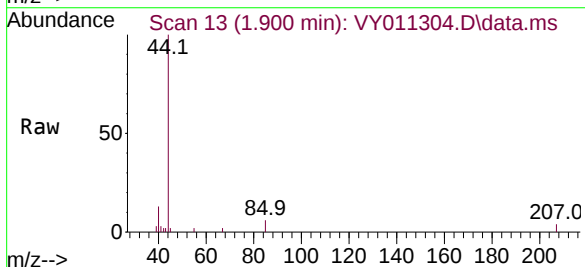
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-6

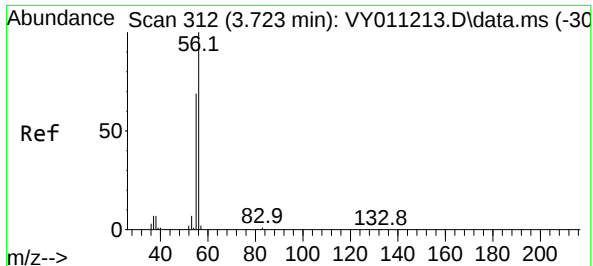
Tgt Ion:168 Resp: 301581
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

Tgt Ion: 85 Resp: 173
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

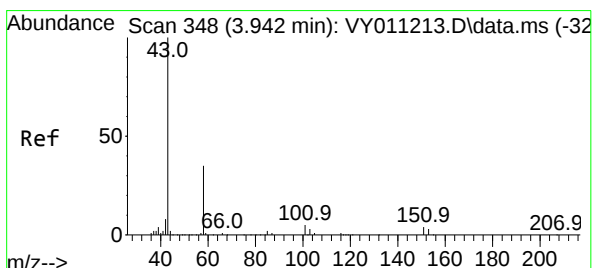
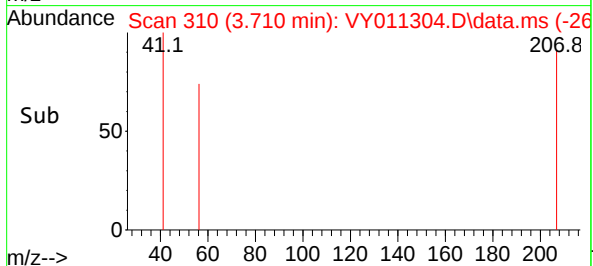
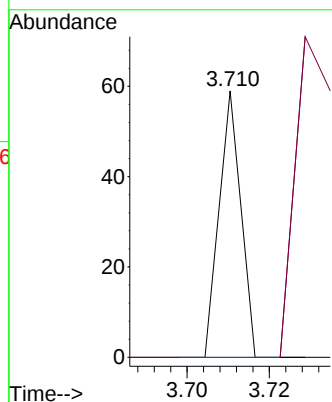
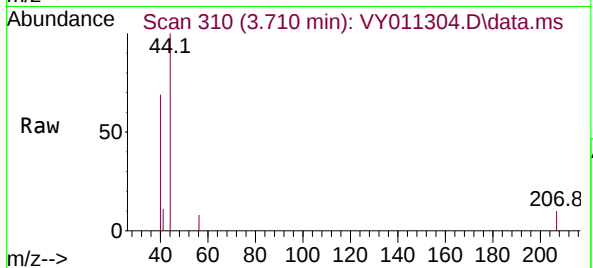




#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 312
Delta R.T. -0.013 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

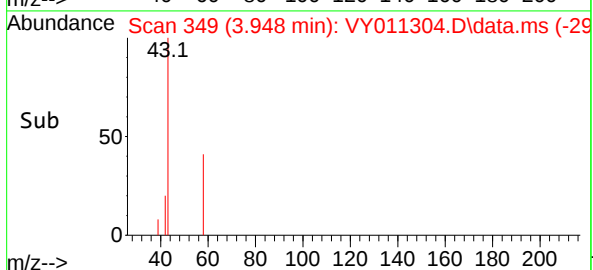
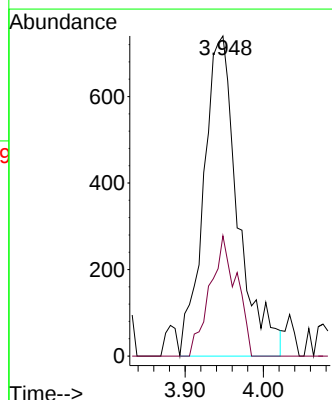
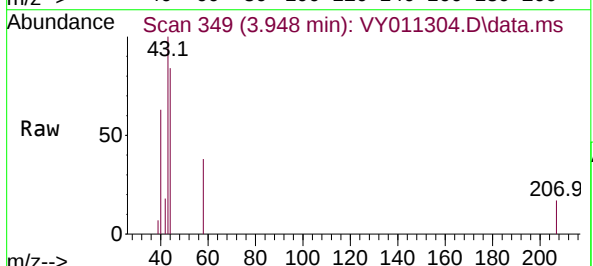
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-6

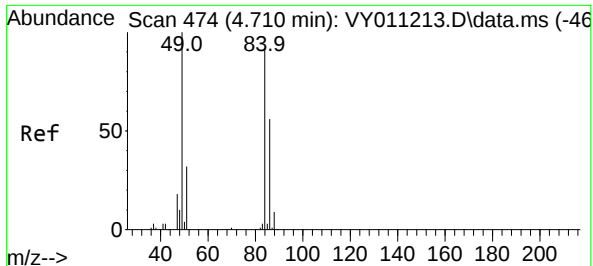
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 2.313 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

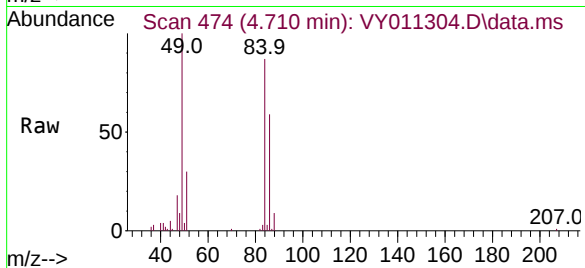
Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
58 37.6 22.0 33.0#



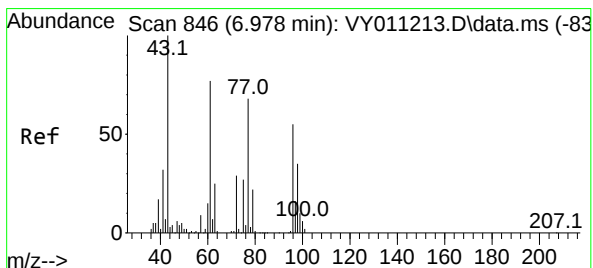
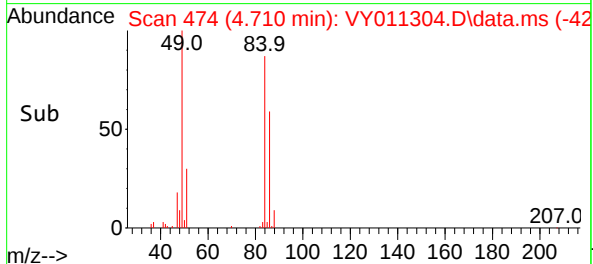
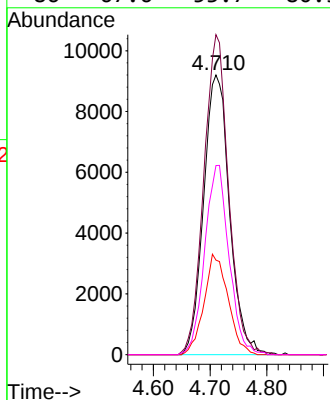


#20
Methylene Chloride
Concen: 2.577 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-6

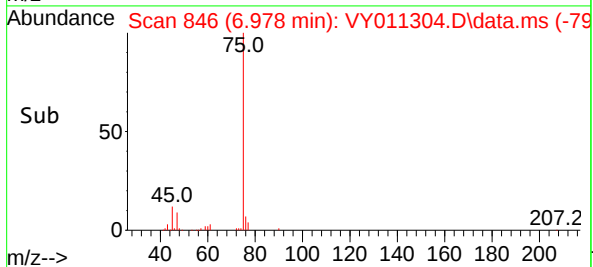
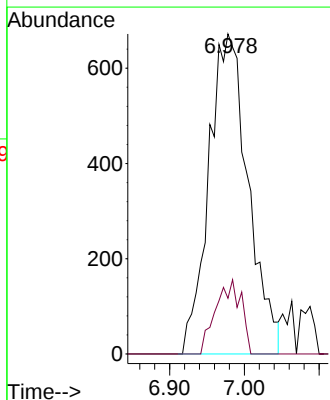
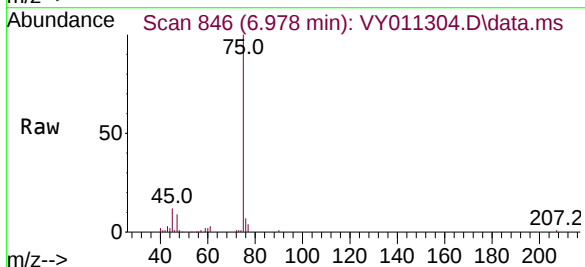


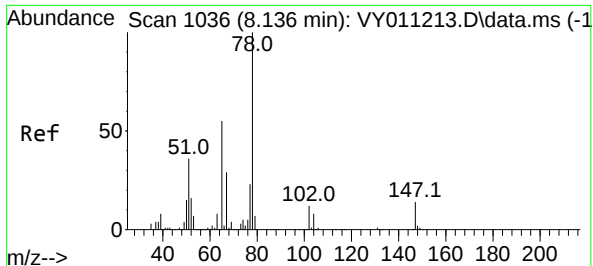
Tgt Ion:	84	Resp:	29251
Ion	Ratio	Lower	Upper
84	100		
49	114.4	114.4	171.6
51	33.8	35.3	52.9#
86	67.6	53.7	80.5



#25
2-Butanone
Concen: 1.799 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

Tgt Ion:	43	Resp:	2465
Ion	Ratio	Lower	Upper
43	100		
72	17.4	17.7	26.5#





#33

1,2-Dichloroethane-d4

Concen: 57.209 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011304.D

Acq: 04 Nov 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

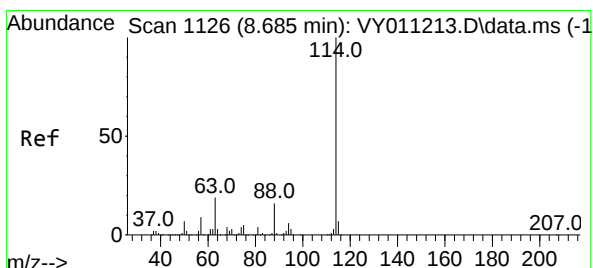
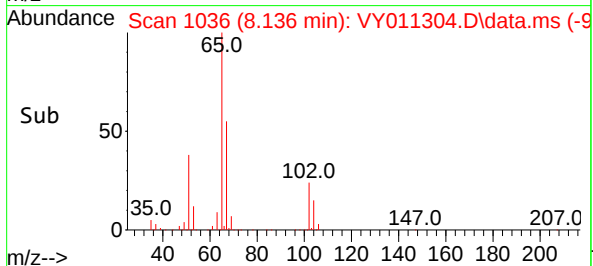
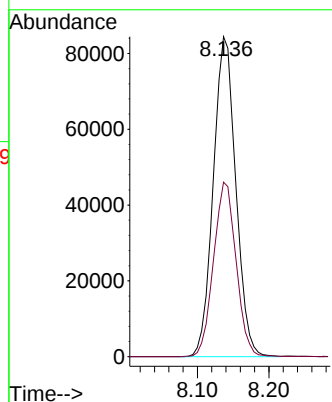
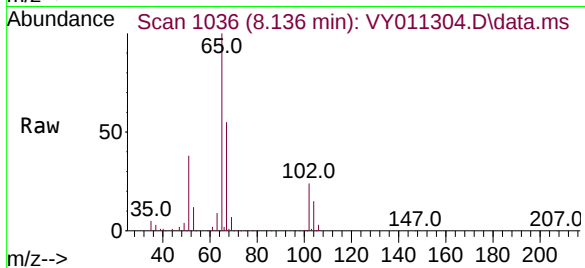
BIN 1-2-(2840)-VOC-6

Tgt Ion: 65 Resp: 184522

Ion Ratio Lower Upper

65 100

67 54.7 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: VY011304.D

Acq: 04 Nov 2022 17:54

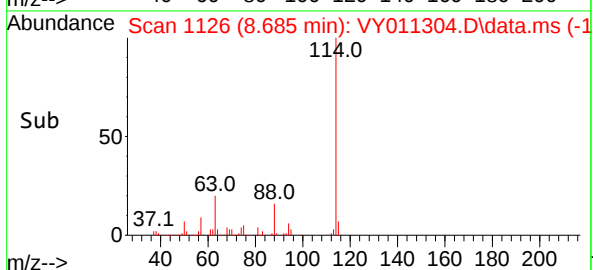
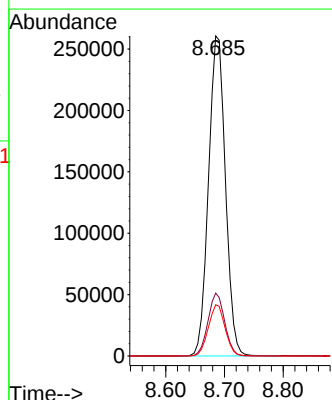
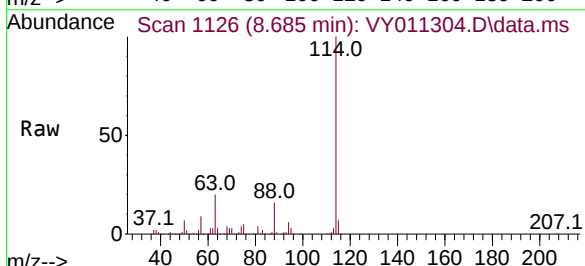
Tgt Ion: 114 Resp: 521642

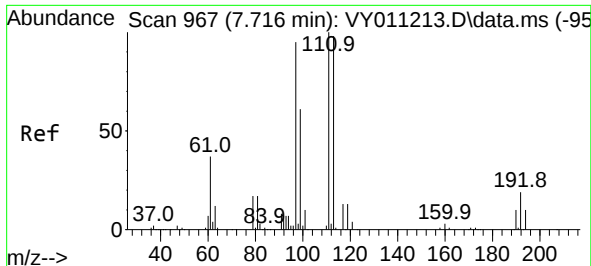
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 16.0 0.0 31.8

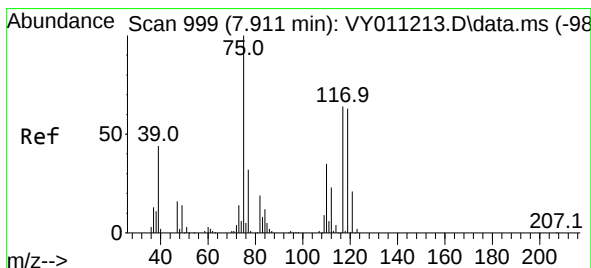
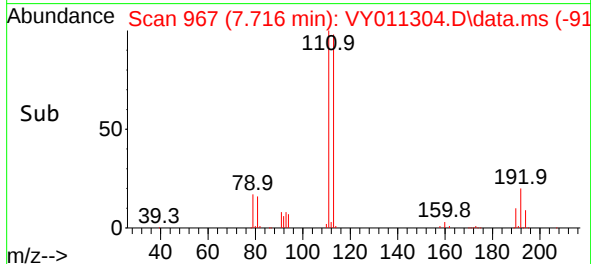
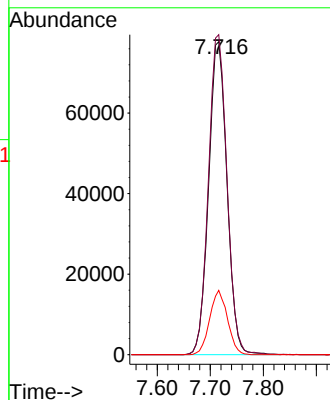
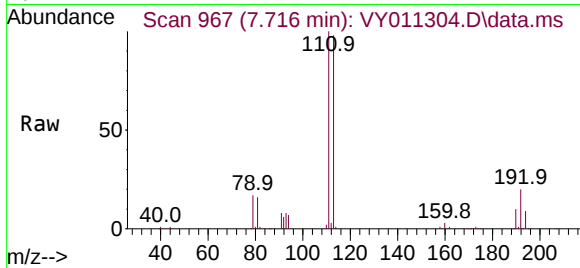




#35
Dibromofluoromethane
Concen: 55.847 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

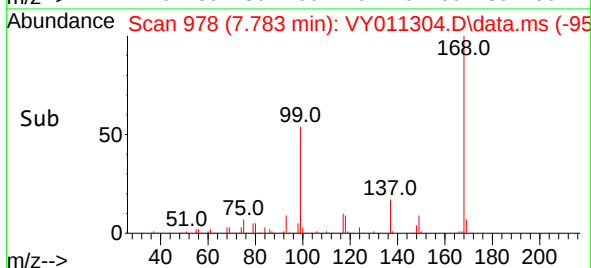
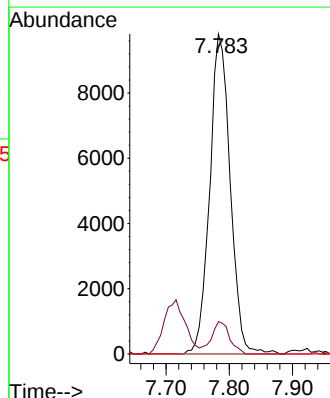
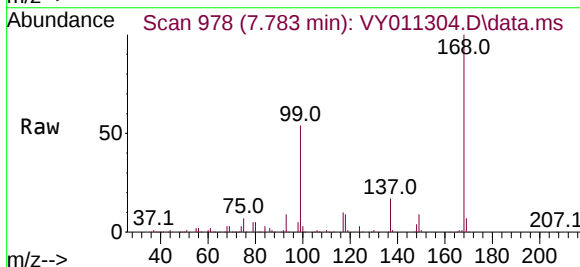
Instrument :
MSVOA_Y
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BIN 1-2-(2840)-VOC-6

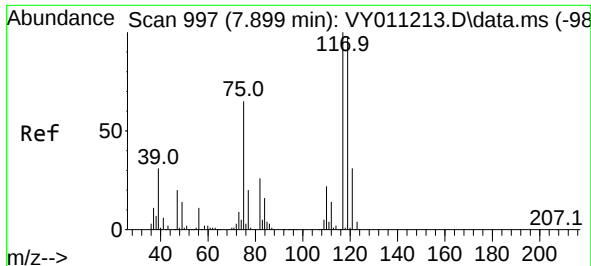
Tgt Ion:113 Resp: 187174
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.038 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

Tgt Ion: 75 Resp: 22101
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

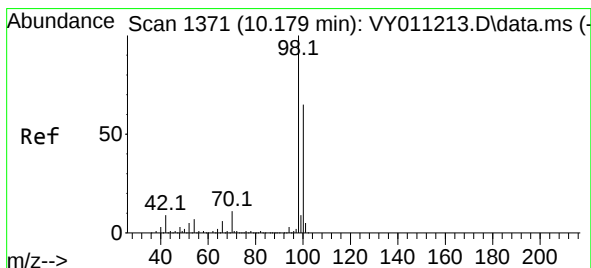
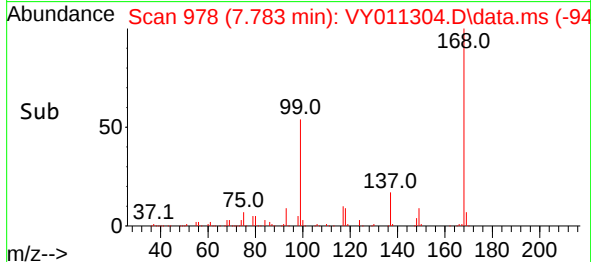
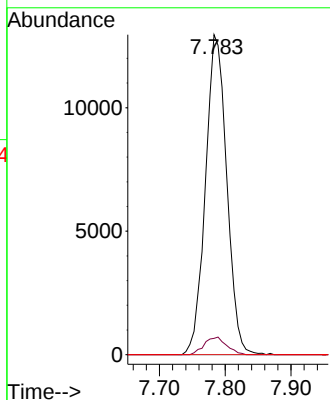
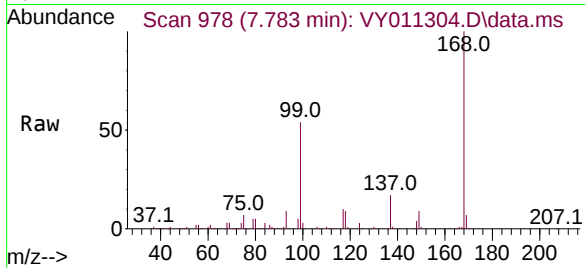




#38
Carbon Tetrachloride
Concen: 5.145 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

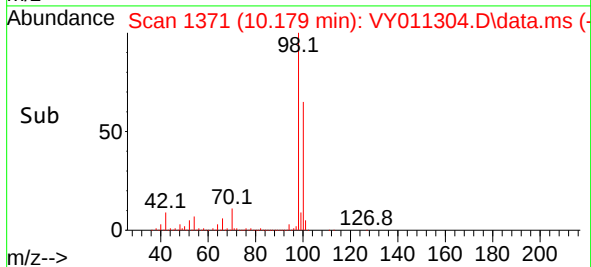
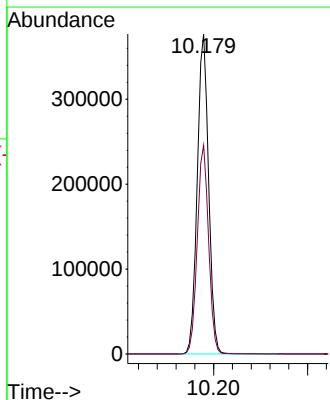
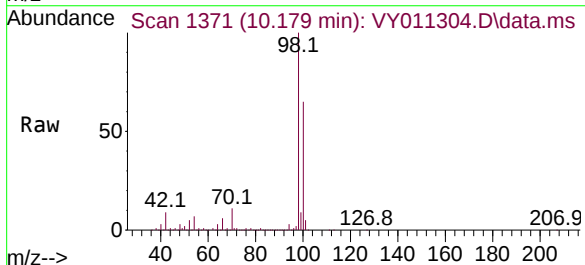
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BIN 1-2-(2840)-VOC-6

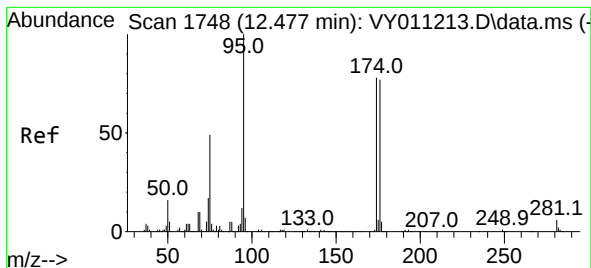
Tgt Ion:117 Resp: 29214
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.593 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

Tgt Ion: 98 Resp: 632324
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

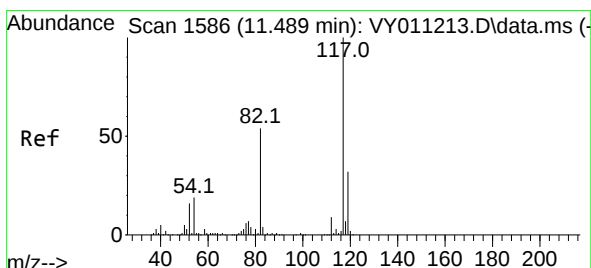
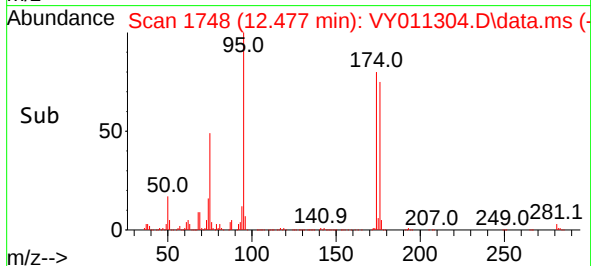
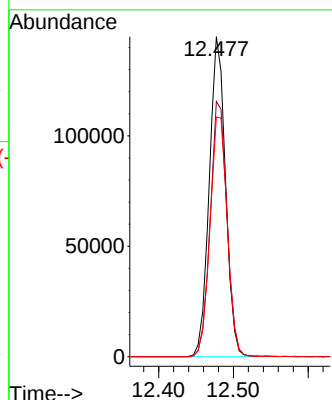
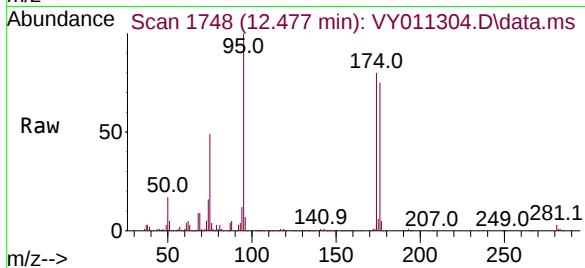




#62
4-Bromofluorobenzene
Concen: 48.507 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

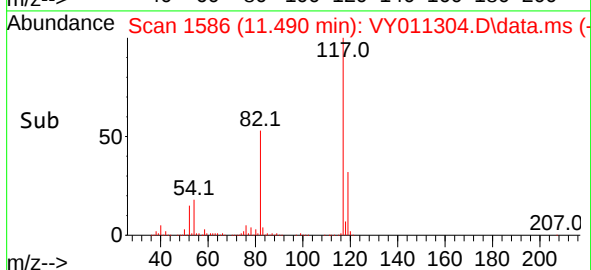
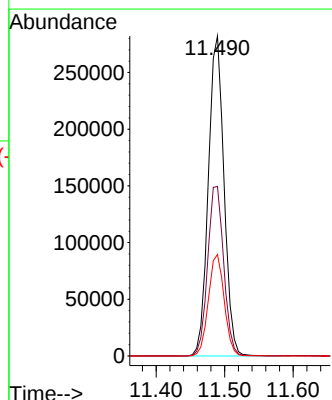
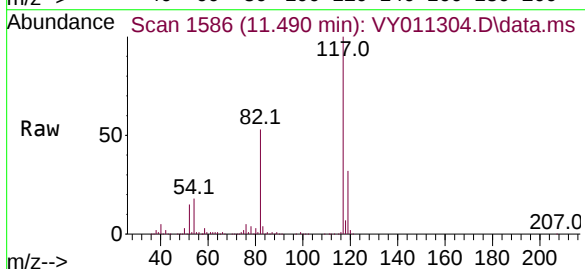
Instrument :
MSVOA_Y
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BIN 1-2-(2840)-VOC-6

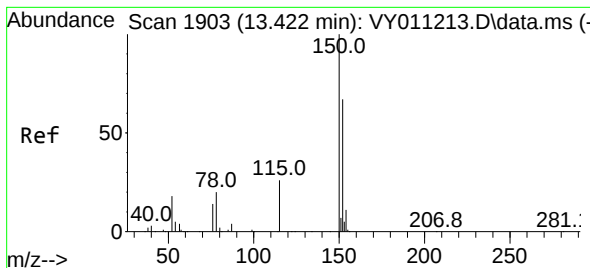
Tgt Ion: 95 Resp: 219128
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 79.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

Tgt Ion: 117 Resp: 448364
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.7 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: VY011304.D

Acq: 04 Nov 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-6

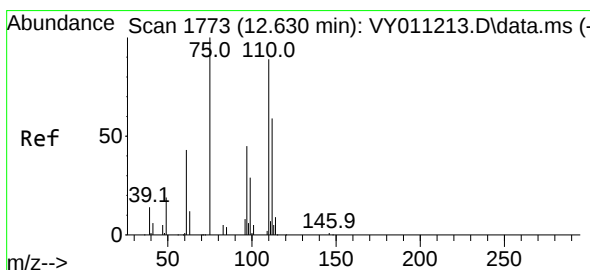
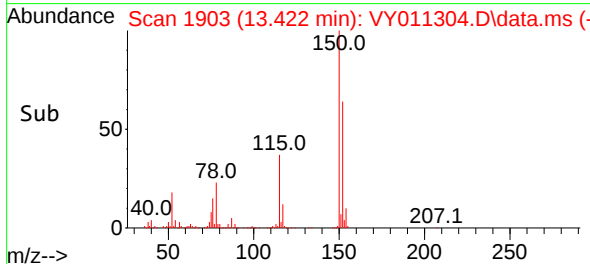
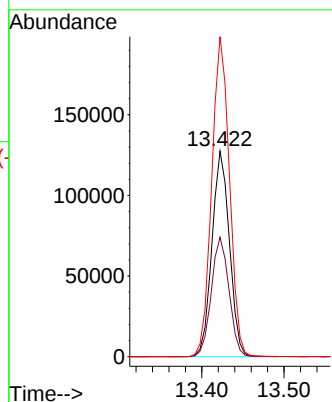
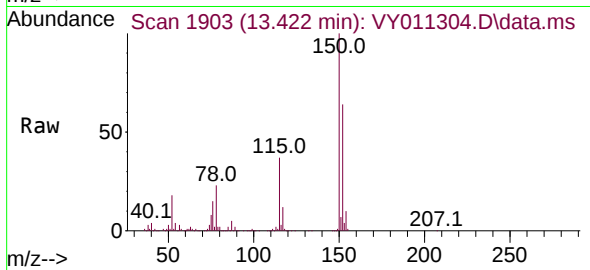
Tgt Ion:152 Resp: 188322

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 157.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 46.720 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY011304.D

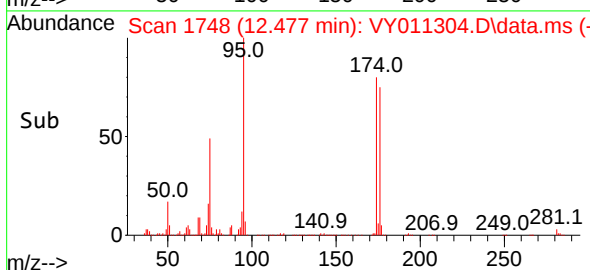
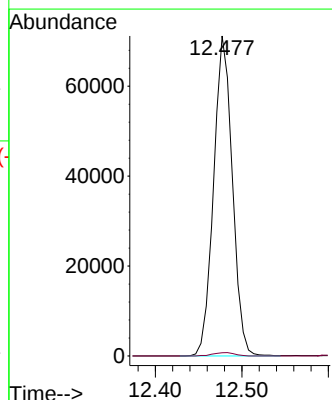
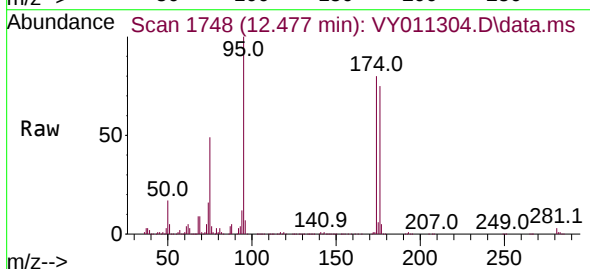
Acq: 04 Nov 2022 17:54

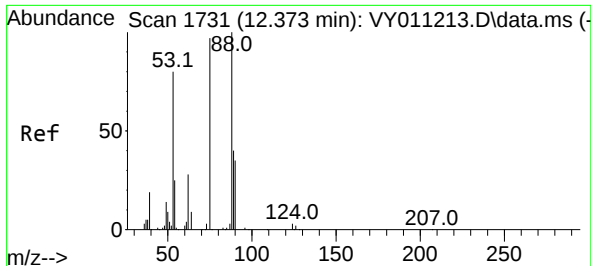
Tgt Ion: 75 Resp: 107113

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

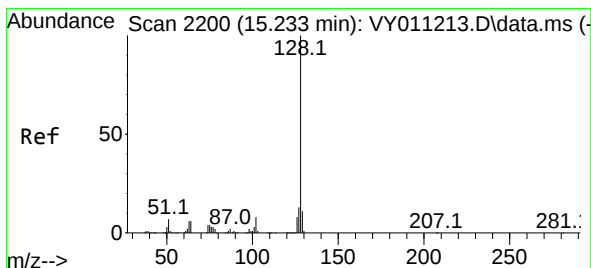
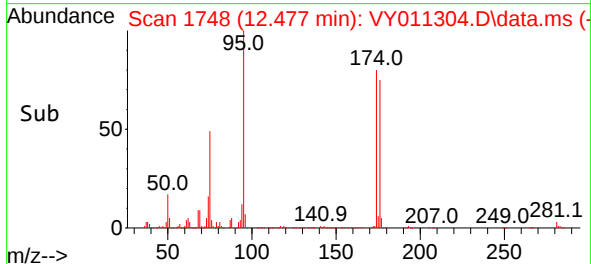
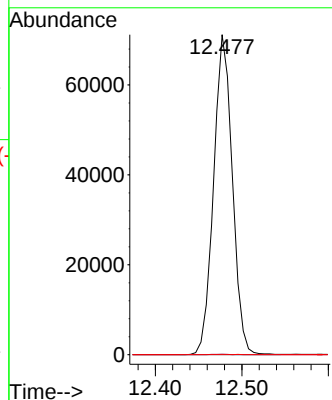
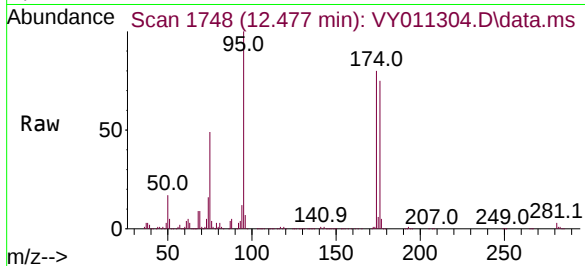




#81
trans-1,4-Dichloro-2-butene
Concen: 99.987 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-6

Tgt Ion: 75 Resp: 107113
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.088 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011304.D
Acq: 04 Nov 2022 17:54

Tgt Ion: 128 Resp: 1089
Ion Ratio Lower Upper
128 100
127 8.0 11.0 16.4#
129 10.1 8.4 12.6

