

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011315.D
 Acq On : 04 Nov 2022 22:03
 Operator : KP/MD
 Sample : N5436-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 01:56:27 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)

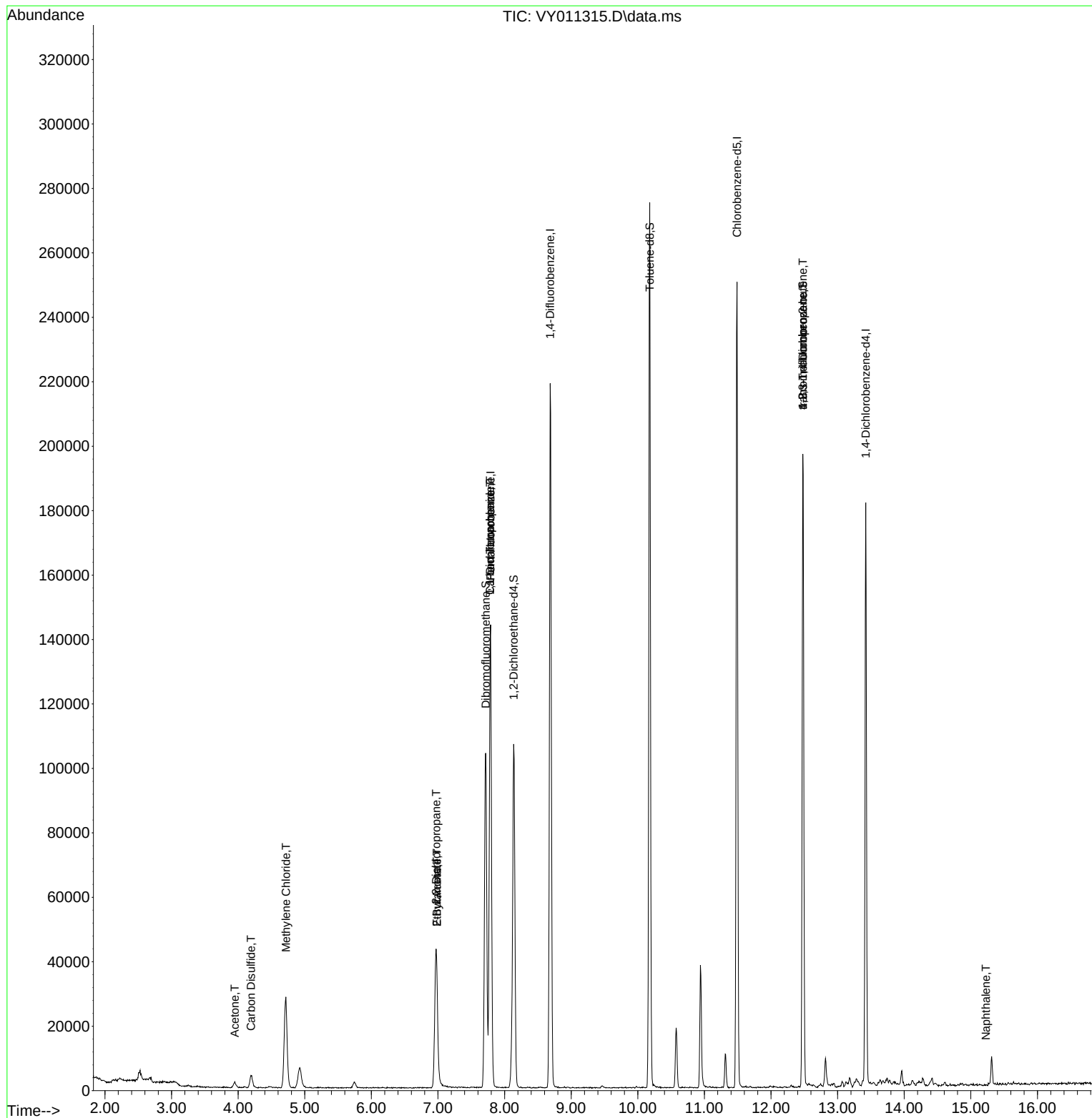
Internal Standards						
1) Pentafluorobenzene	7.789	168	115605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	191266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79674	64.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.880%	
35) Dibromofluoromethane	7.716	113	77676	63.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.420%	
50) Toluene-d8	10.179	98	184123	38.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 77.180%	
62) 4-Bromofluorobenzene	12.477	95	62088	37.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	6490	Below Cal	#	77
16) Acetone	3.948	43	2828	7.577	ug/l #	80
17) Carbon Disulfide	4.192	76	5106	1.236	ug/l #	94
20) Methylene Chloride	4.716	84	22645	10.904	ug/l #	81
25) 2-Butanone	6.984	43	2491	4.744	ug/l	96
26) 2,2-Dichloropropane	6.972	77	3456	1.528	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	8676	4.323	ug/l #	51
37) Ethyl Acetate	6.984	43	2491	2.303	ug/l #	1
38) Carbon Tetrachloride	7.783	117	11410	5.480	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	29859	51.338	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29859	109.869	ug/l #	7
95) Naphthalene	15.227	128	67	3.998	ug/l #	69

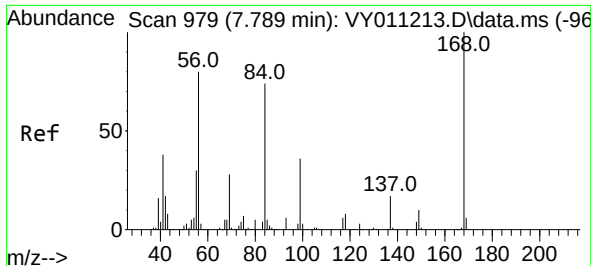
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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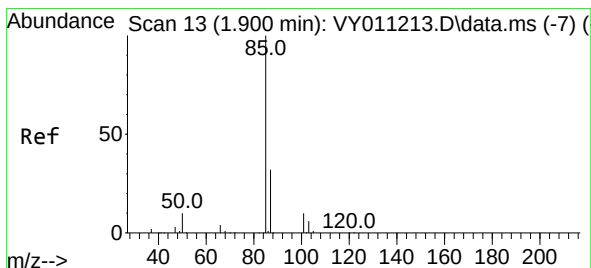
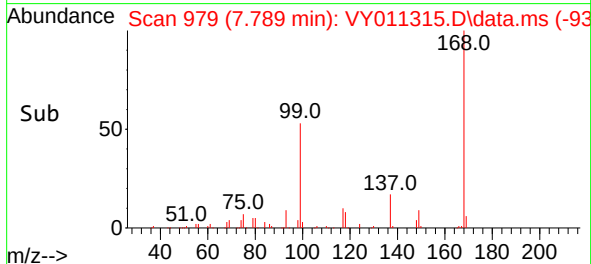
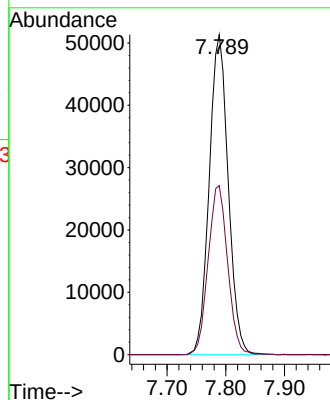
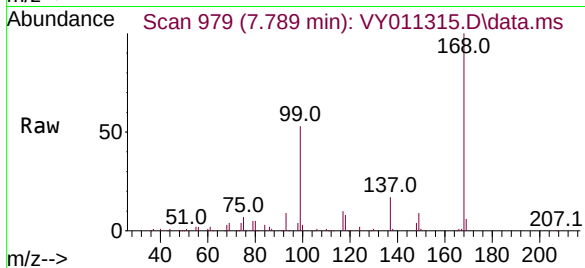




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

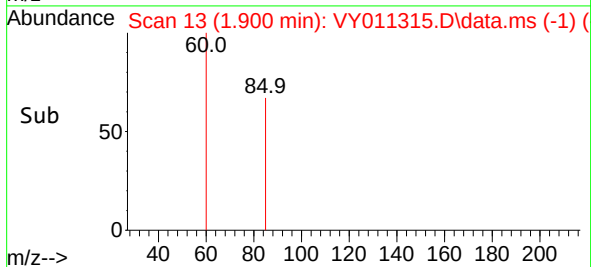
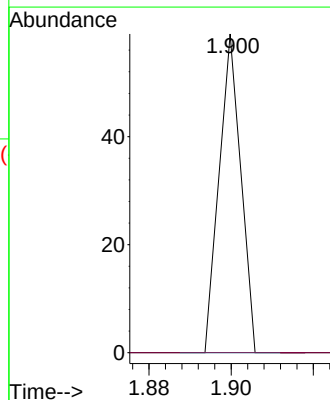
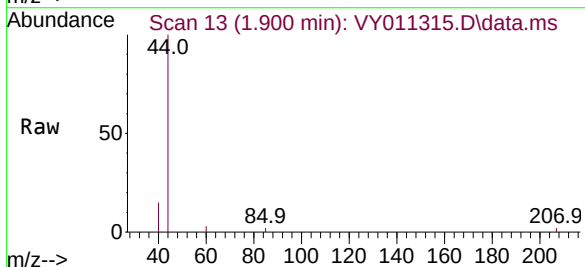
Instrument :
MSVOA_Y
ClientSampleId :

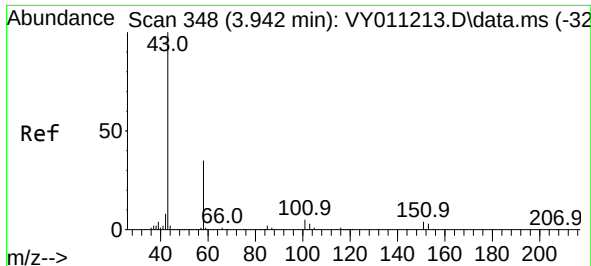
Tgt Ion:168 Resp: 115605
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

Tgt Ion: 85 Resp: 22
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 7.577 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY011315.D

Acq: 04 Nov 2022 22:03

Instrument :

MSVOA_Y

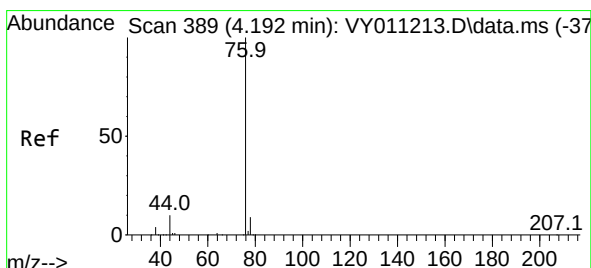
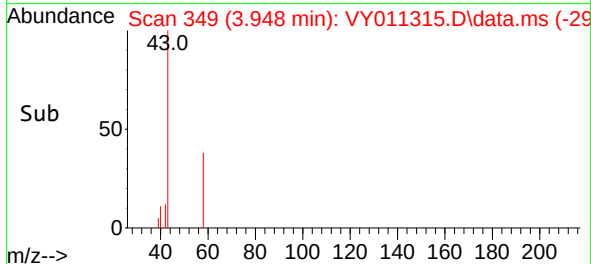
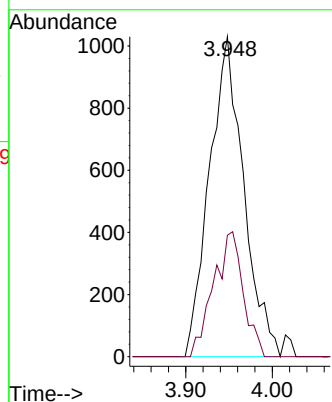
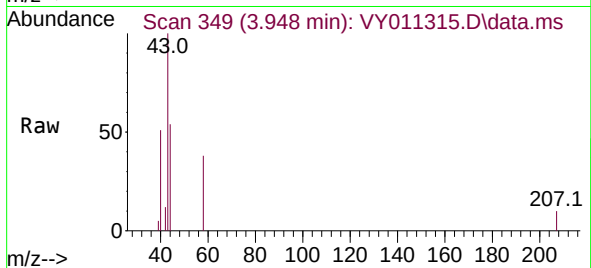
ClientSampleId :

Tgt Ion: 43 Resp: 2828

Ion Ratio Lower Upper

43 100

58 38.0 22.0 33.0#



#17

Carbon Disulfide

Concen: 1.236 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY011315.D

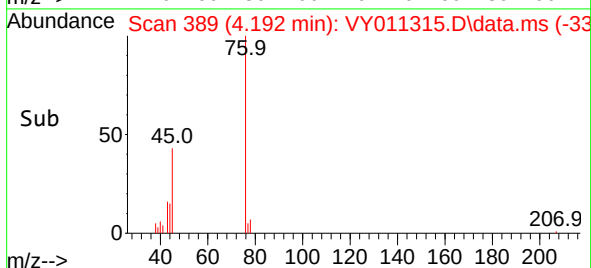
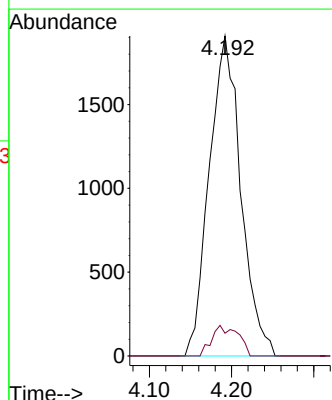
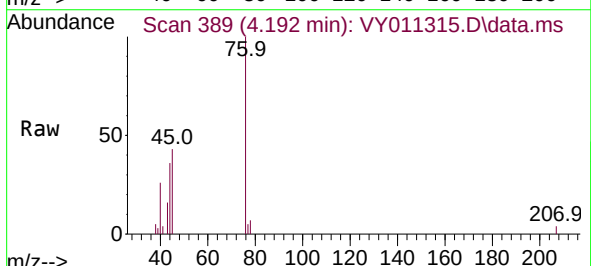
Acq: 04 Nov 2022 22:03

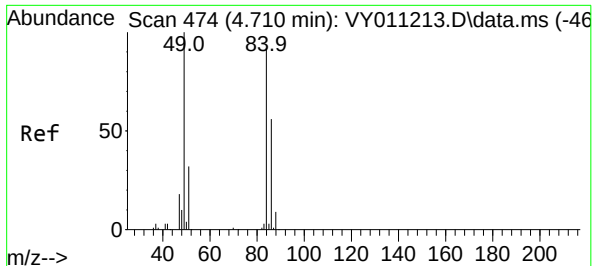
Tgt Ion: 76 Resp: 5106

Ion Ratio Lower Upper

76 100

78 7.1 7.4 11.0#





#20

Methylene Chloride

Concen: 10.904 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

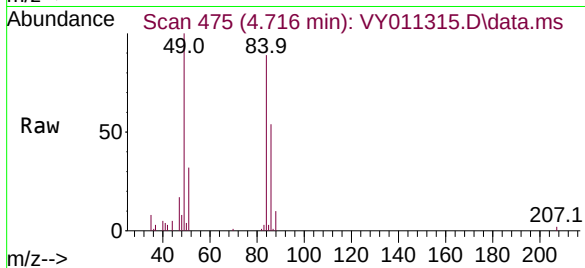
Lab File: VY011315.D

Acq: 04 Nov 2022 22:03

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 22645

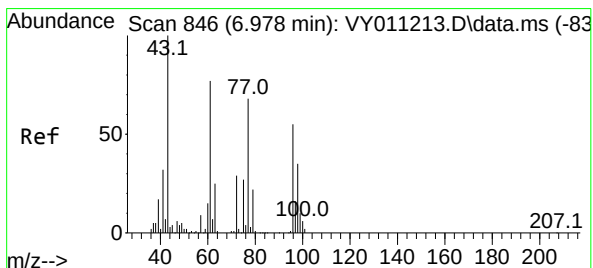
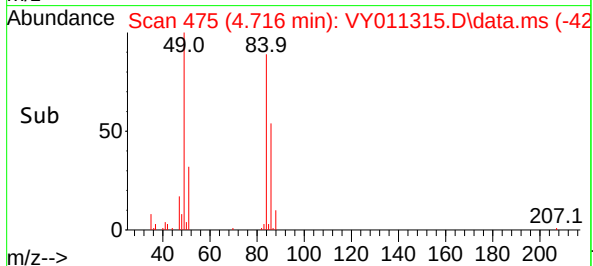
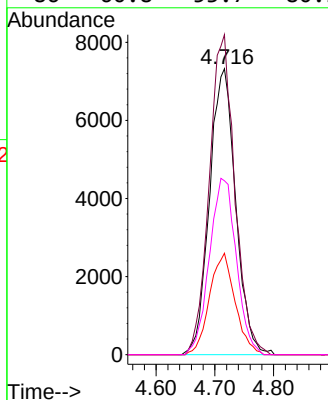
Ion Ratio Lower Upper

84 100

49 111.9 114.4 171.6#

51 35.5 35.3 52.9

86 60.8 53.7 80.5



#25

2-Butanone

Concen: 4.744 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011315.D

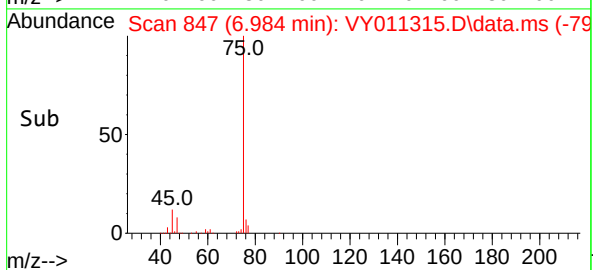
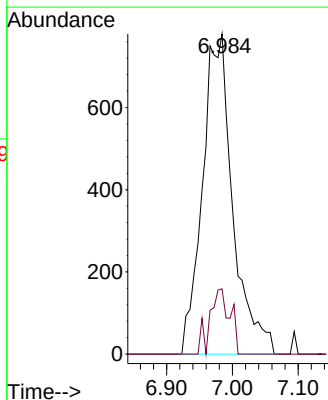
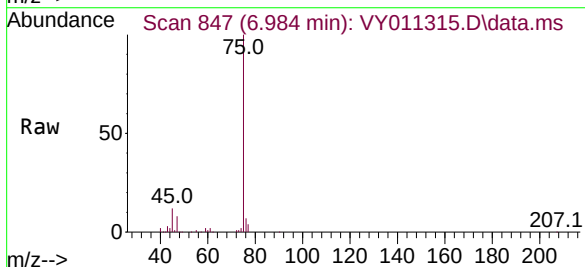
Acq: 04 Nov 2022 22:03

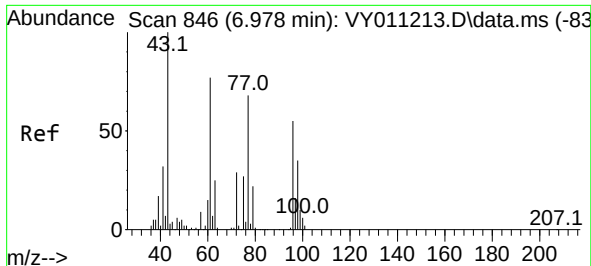
Tgt Ion: 43 Resp: 2491

Ion Ratio Lower Upper

43 100

72 20.4 17.7 26.5

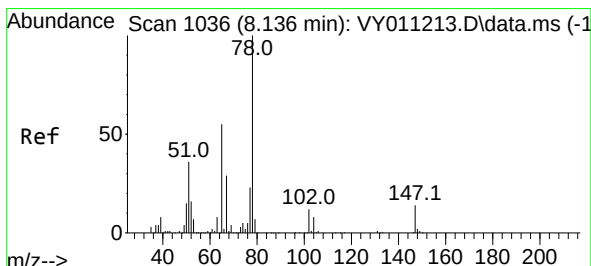
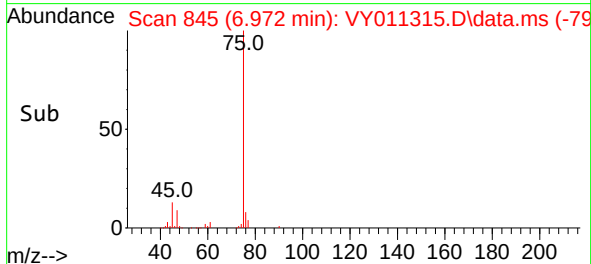
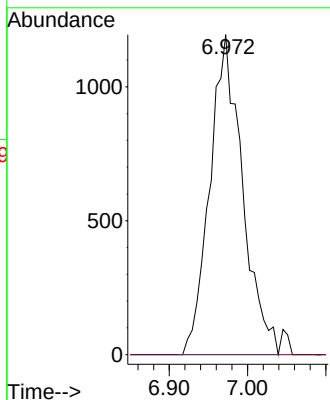
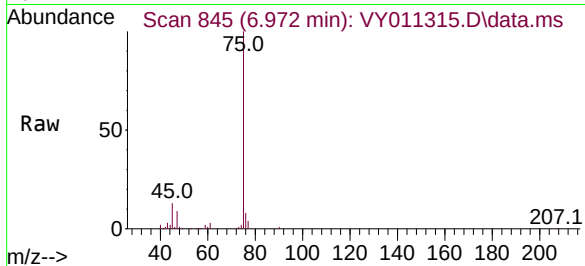




#26
2,2-Dichloropropane
Concen: 1.528 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

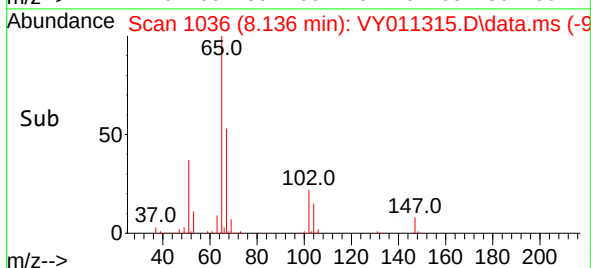
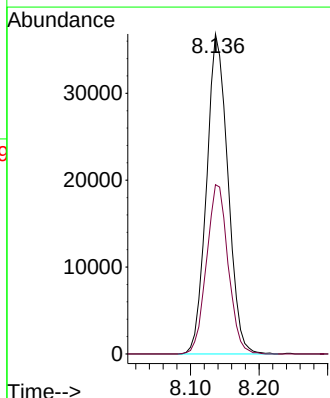
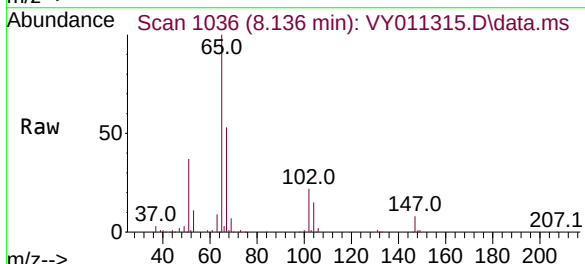
Instrument :
MSVOA_Y
ClientSampleId :

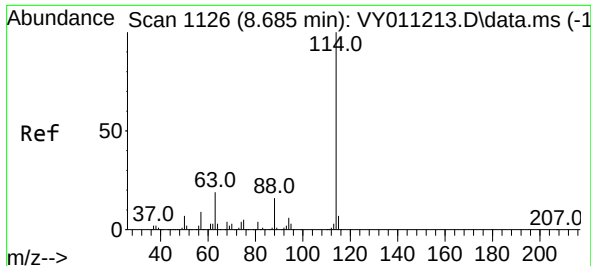
Tgt Ion: 77 Resp: 3456
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#33
1,2-Dichloroethane-d4
Concen: 64.440 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

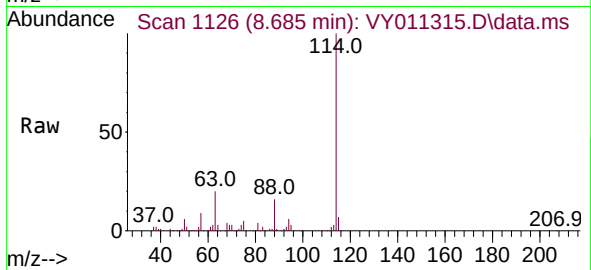
Tgt Ion: 65 Resp: 79674
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4



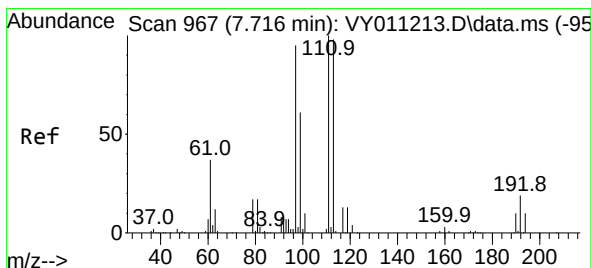
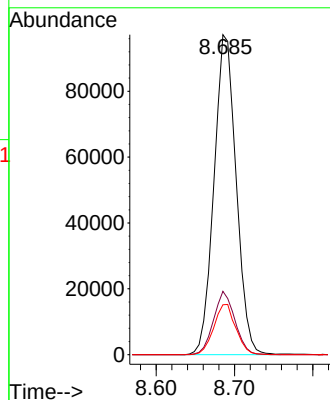
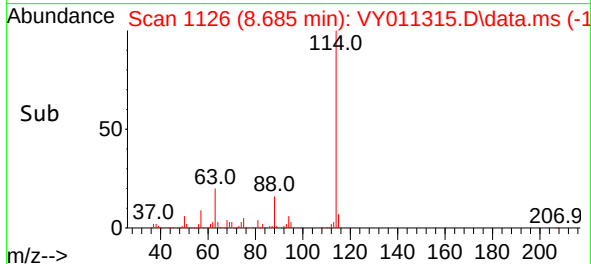


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

Instrument :
MSVOA_Y
ClientSampleId :

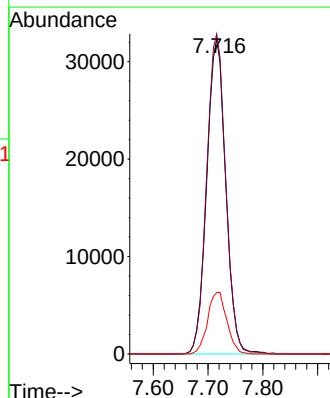
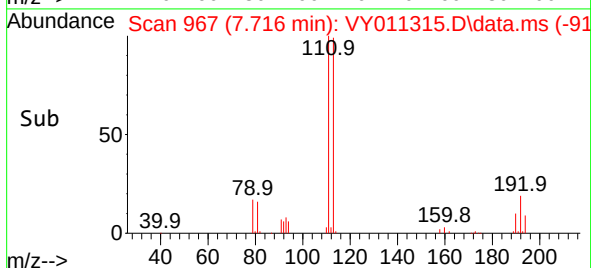
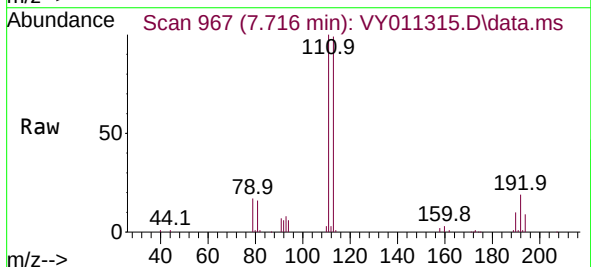


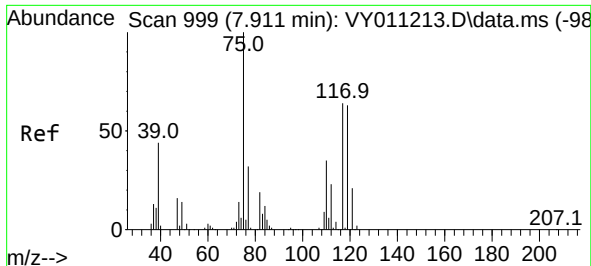
Tgt Ion:114 Resp: 191266
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.209 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

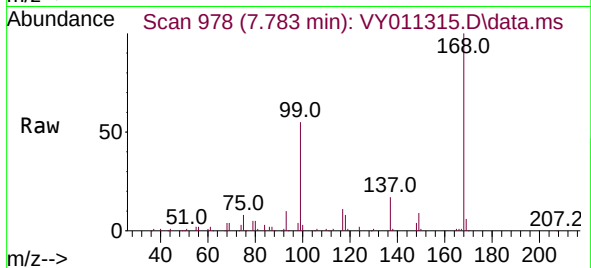
Tgt Ion:113 Resp: 77676
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 19.8 17.6 26.4



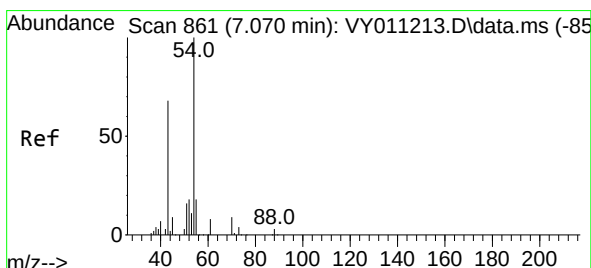
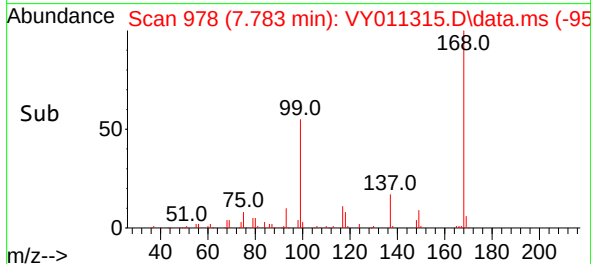
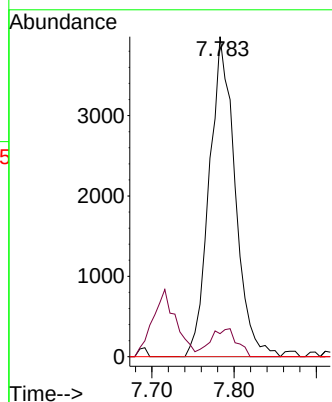


#36
1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

Instrument :
MSVOA_Y
ClientSampleId :

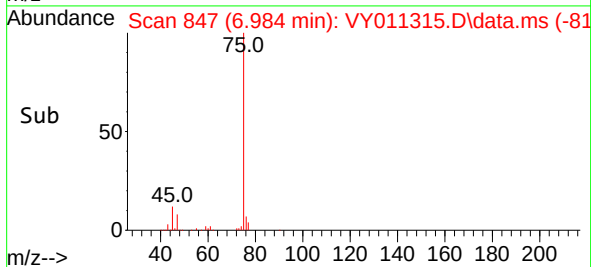
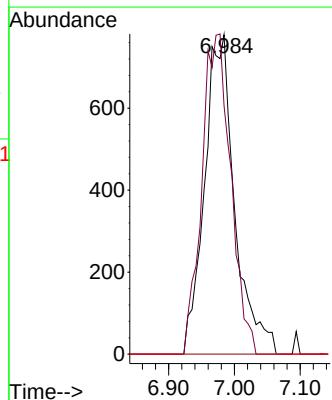
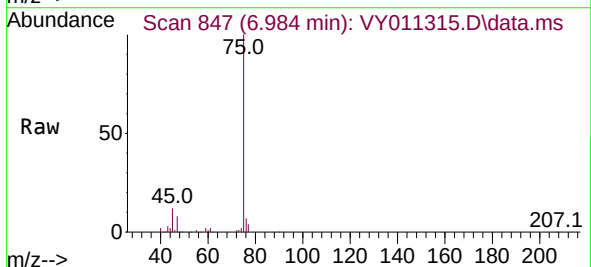


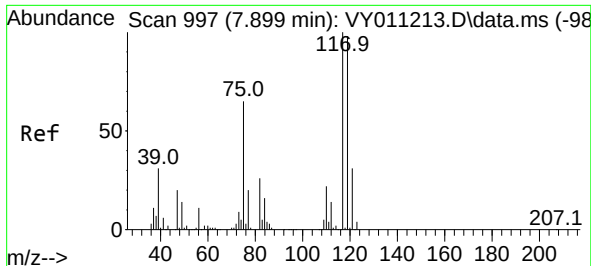
Tgt Ion: 75 Resp: 8676
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.303 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

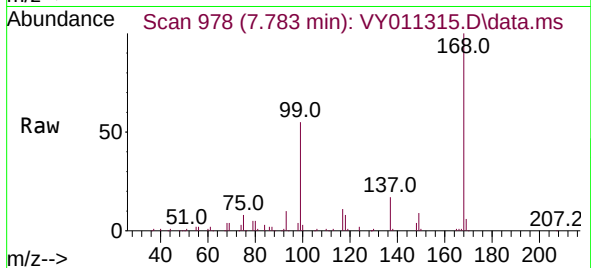
Tgt Ion: 43 Resp: 2491
Ion Ratio Lower Upper
43 100
61 95.9 9.7 14.5#
70 0.0 7.1 10.7#



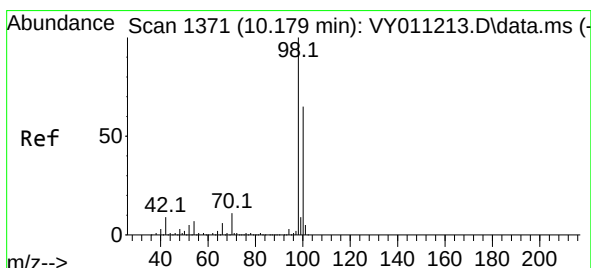
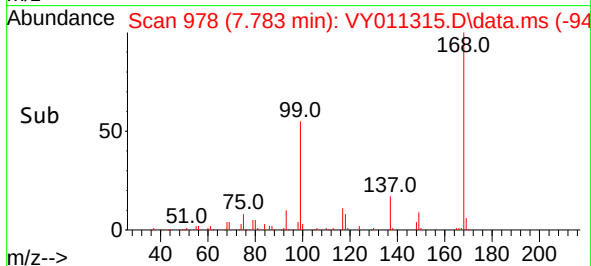
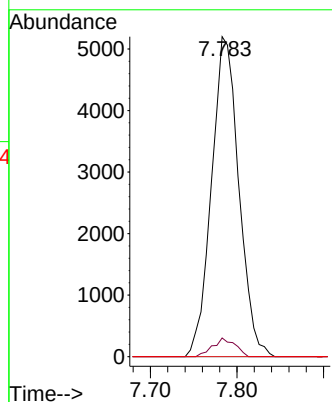


#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

Instrument :
MSVOA_Y
ClientSampleId :

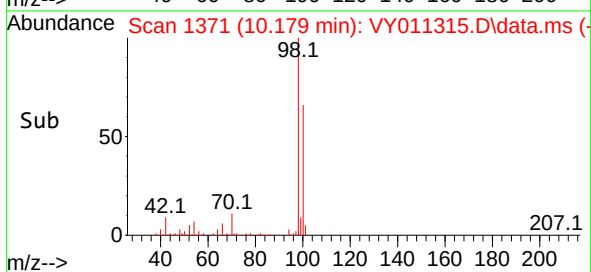
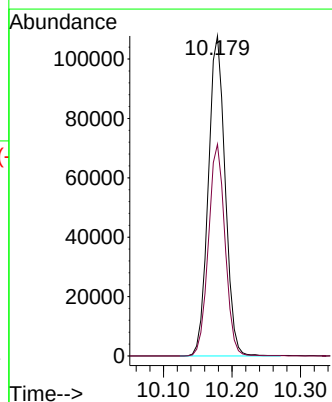
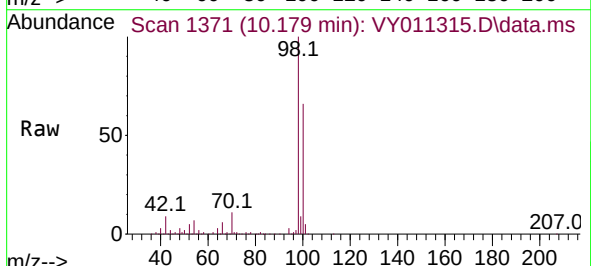


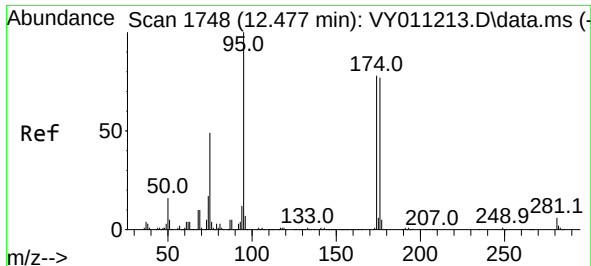
Tgt Ion:117 Resp: 11410
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 38.590 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

Tgt Ion: 98 Resp: 184123
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 37.484 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011315.D

Acq: 04 Nov 2022 22:03

Instrument :

MSVOA_Y

ClientSampleId :

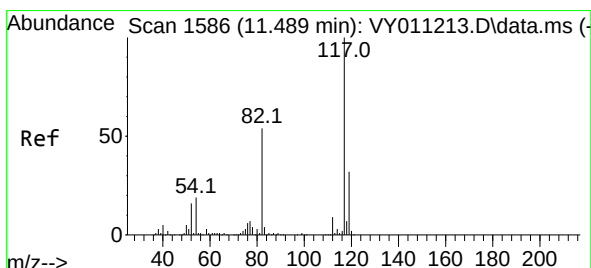
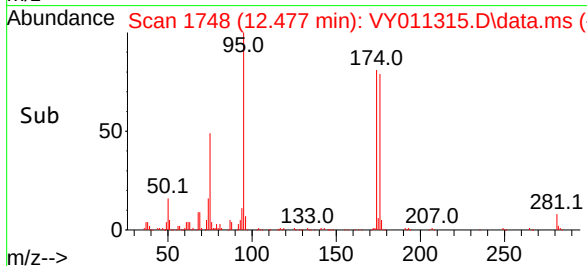
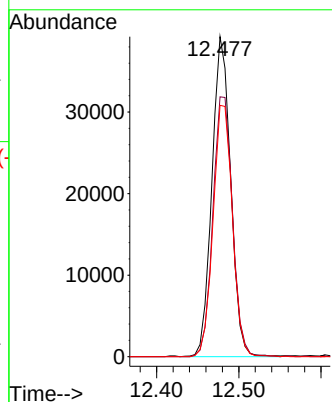
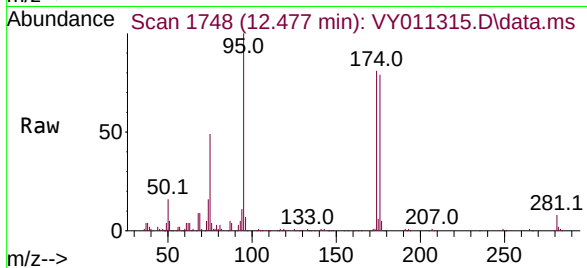
Tgt Ion: 95 Resp: 62088

Ion Ratio Lower Upper

95 100

174 84.7 0.0 177.0

176 81.0 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: VY011315.D

Acq: 04 Nov 2022 22:03

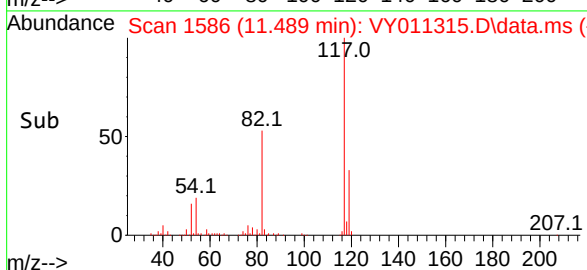
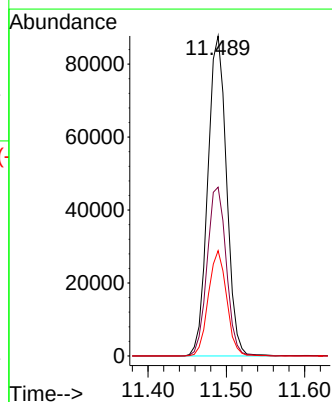
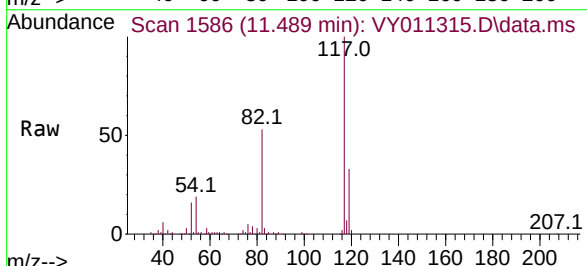
Tgt Ion: 117 Resp: 145762

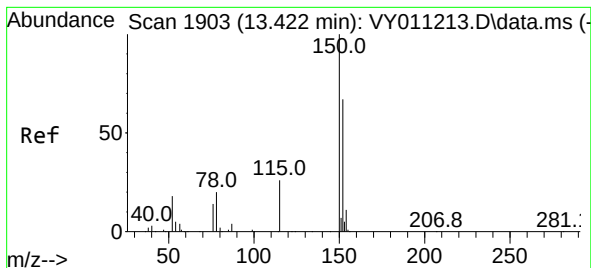
Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.4

119 32.9 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: VY011315.D

Acq: 04 Nov 2022 22:03

Instrument :

MSVOA_Y

ClientSampleId :

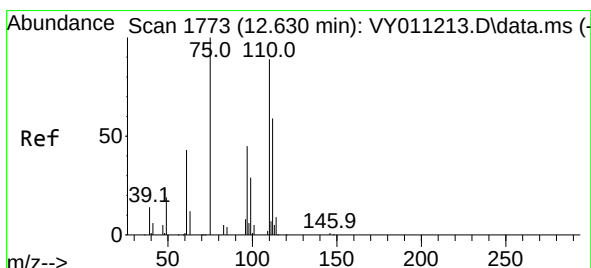
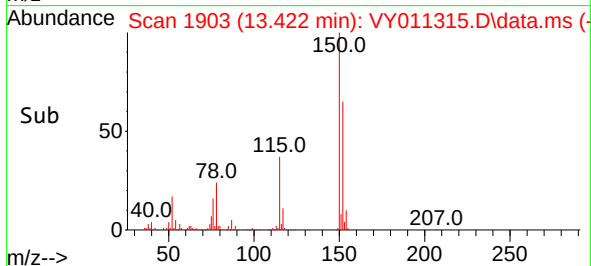
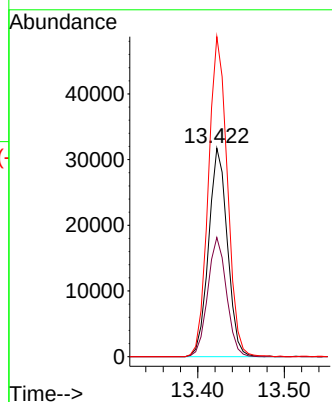
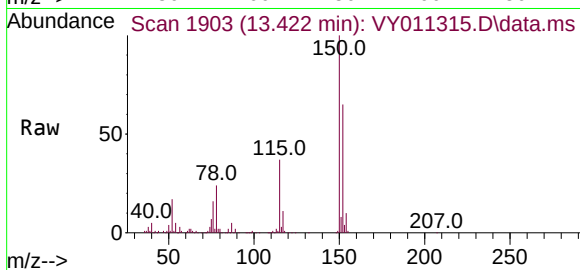
Tgt Ion:152 Resp: 47775

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 155.1 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 51.338 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY011315.D

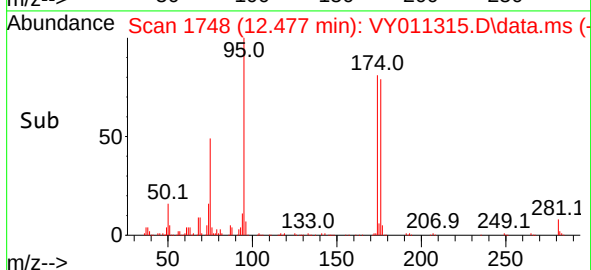
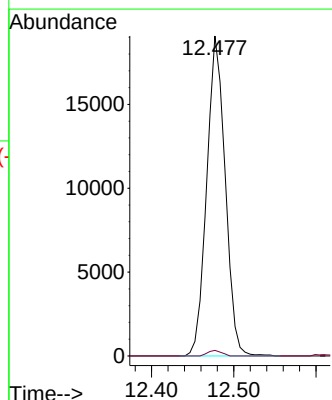
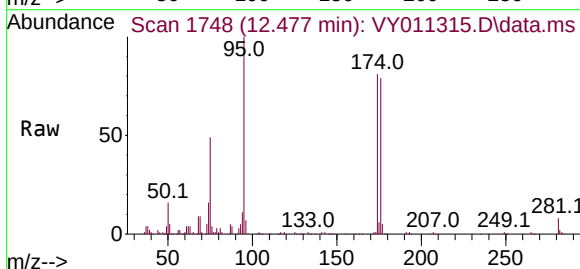
Acq: 04 Nov 2022 22:03

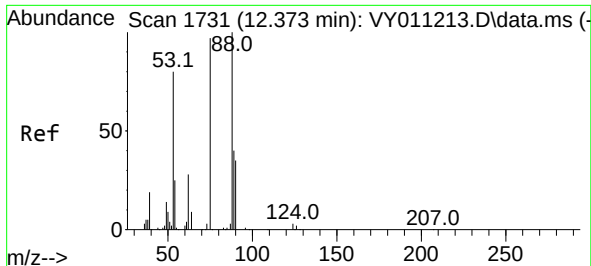
Tgt Ion: 75 Resp: 29859

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

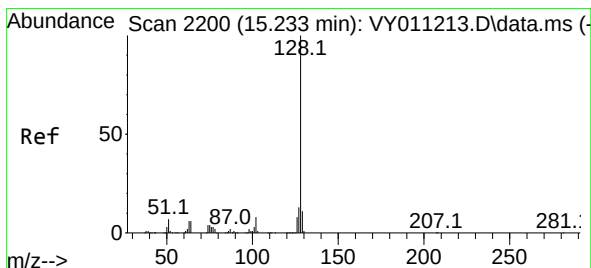
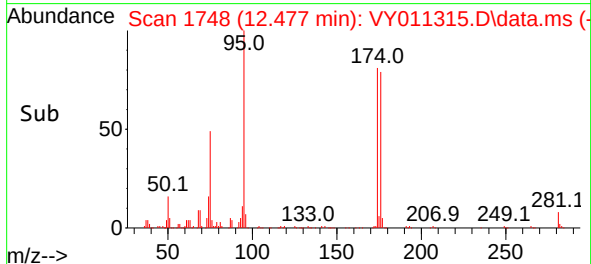
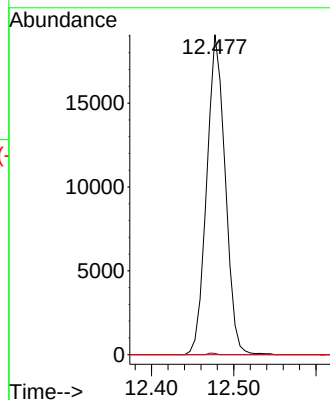
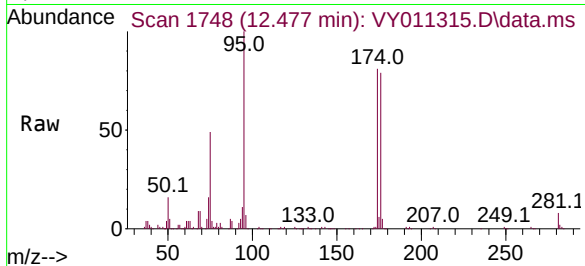




#81
trans-1,4-Dichloro-2-butene
Concen: 109.869 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29859
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.998 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY011315.D
Acq: 04 Nov 2022 22:03

Tgt Ion: 128 Resp: 67
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

