

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011313.D
 Acq On : 04 Nov 2022 21:18
 Operator : KP/MD
 Sample : N5436-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 01:55:57 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)

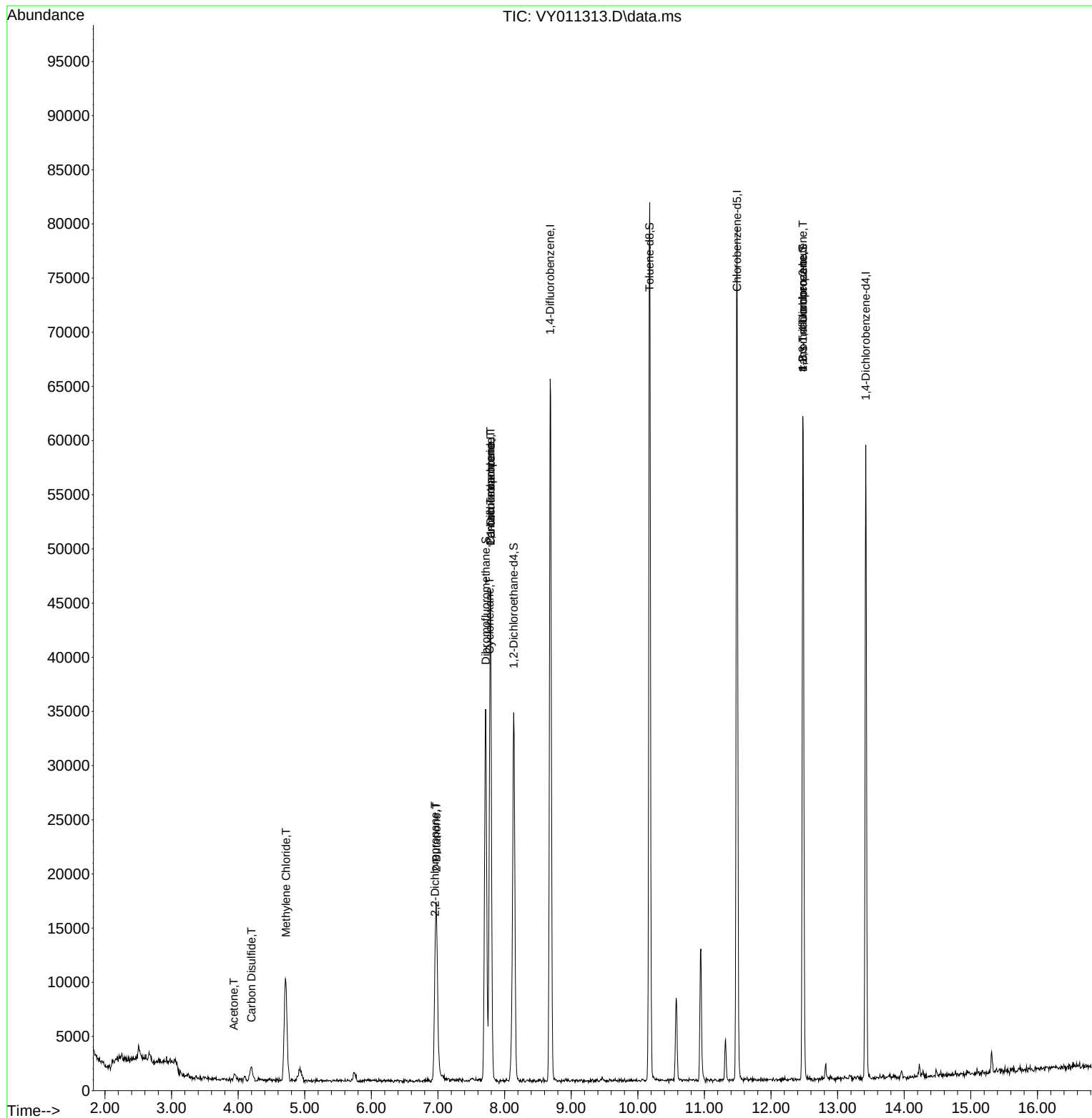
Internal Standards						
1) Pentafluorobenzene	7.789	168	35773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	58222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	46511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	15704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25411	66.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.840%	
35) Dibromofluoromethane	7.716	113	24327	65.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.060%	
50) Toluene-d8	10.179	98	57196	39.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.760%	
62) 4-Bromofluorobenzene	12.477	95	18992	37.667	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	1451	Below Cal	#	77
16) Acetone	3.936	43	966	8.364	ug/l #	83
17) Carbon Disulfide	4.198	76	1378	1.078	ug/l	97
20) Methylene Chloride	4.716	84	8004	13.250	ug/l #	73
25) 2-Butanone	6.978	43	977	6.012	ug/l #	54
26) 2,2-Dichloropropane	6.954	77	724	1.035	ug/l #	55
31) Cyclohexane	7.777	56	764	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	2661	4.356	ug/l #	49
38) Carbon Tetrachloride	7.789	117	3452	5.447	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	9447	49.413	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9447	105.751	ug/l #	7

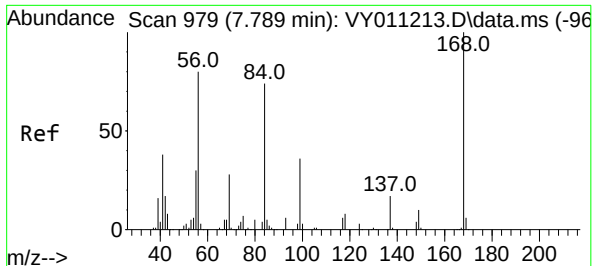
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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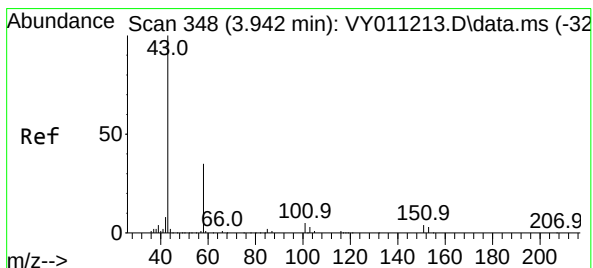
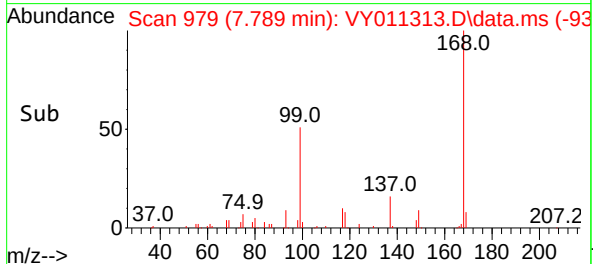
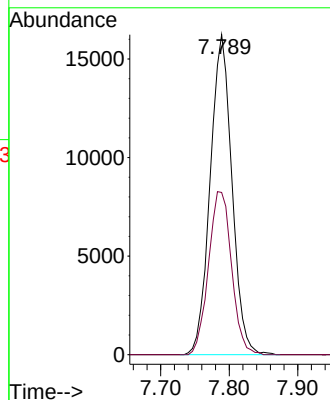
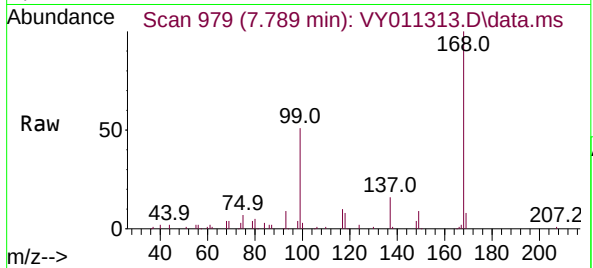




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

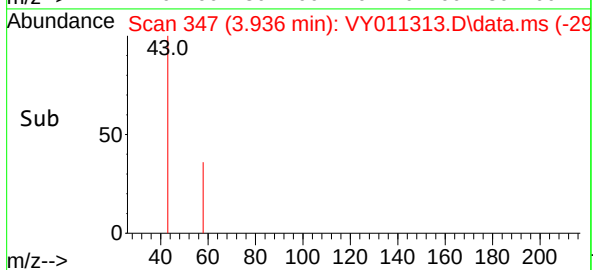
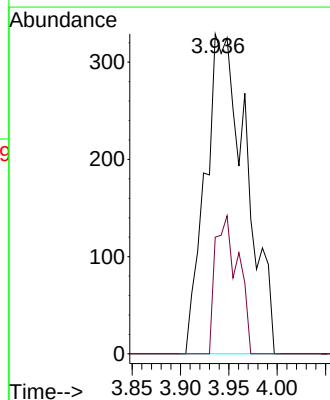
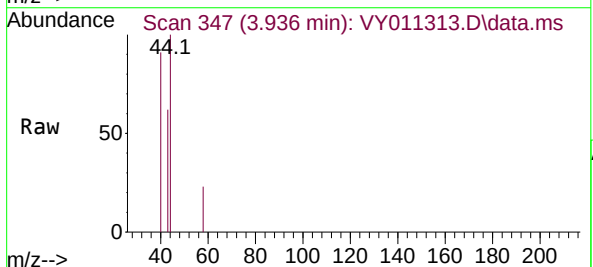
Instrument :
MSVOA_Y
ClientSampleId :

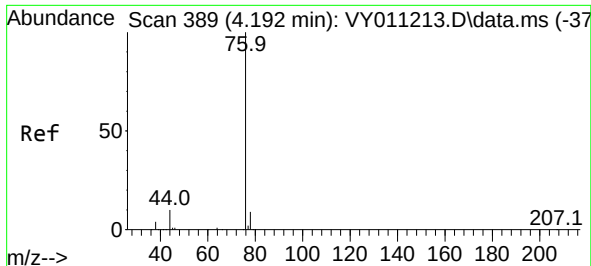
Tgt Ion:168 Resp: 35773
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#16
Acetone
Concen: 8.364 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

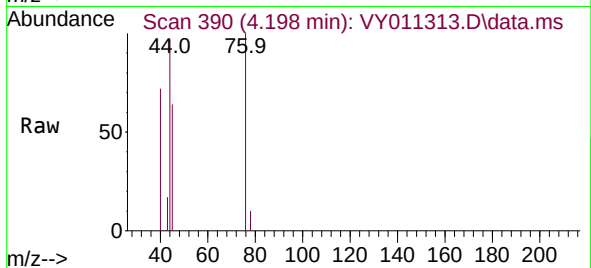
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 36.5 22.0 33.0#



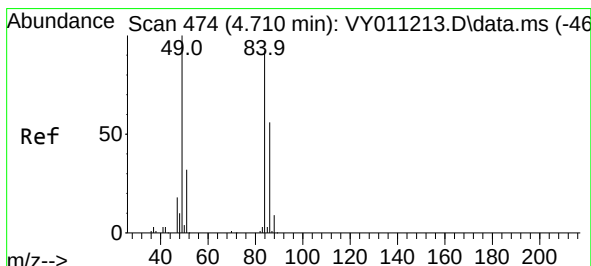
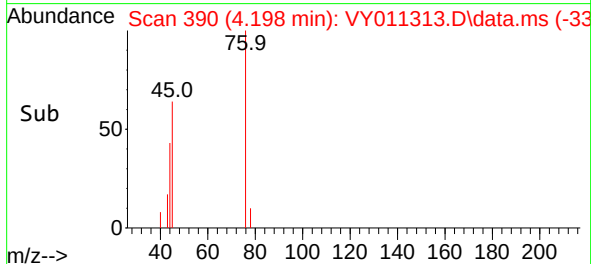
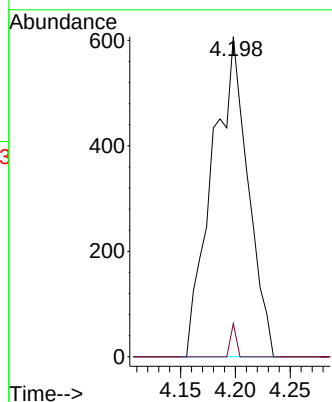


#17
Carbon Disulfide
Concen: 1.078 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Instrument :
MSVOA_Y
ClientSampleId :

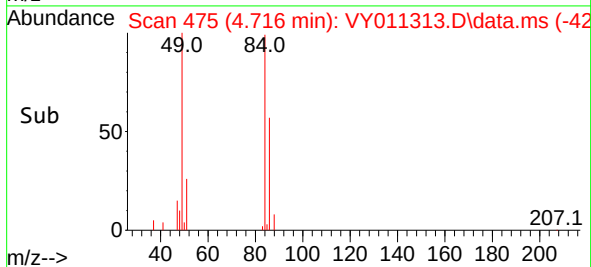
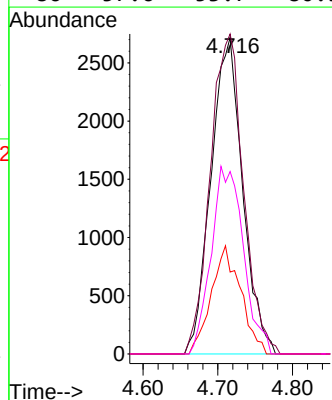
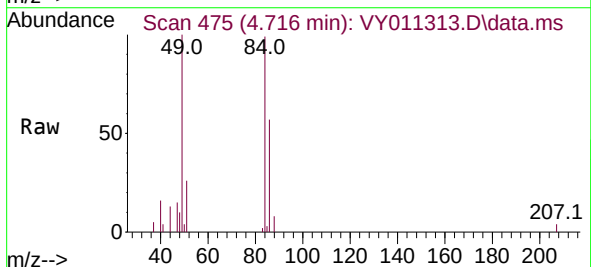


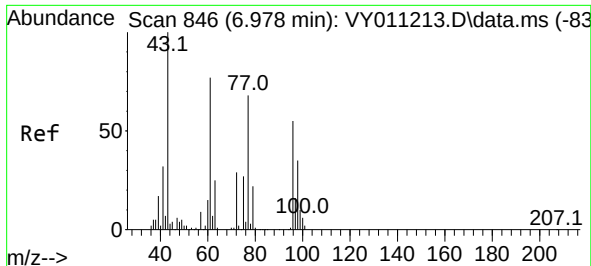
Tgt Ion: 76 Resp: 1378
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0



#20
Methylene Chloride
Concen: 13.250 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Tgt Ion: 84 Resp: 8004
Ion Ratio Lower Upper
84 100
49 101.1 114.4 171.6#
51 25.9 35.3 52.9#
86 57.6 53.7 80.5

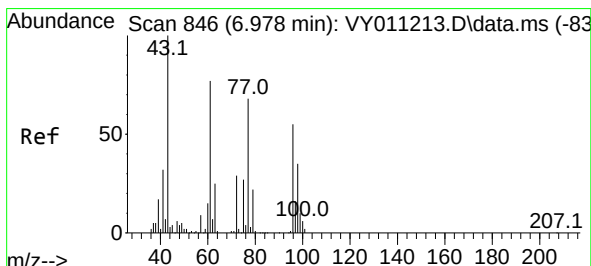
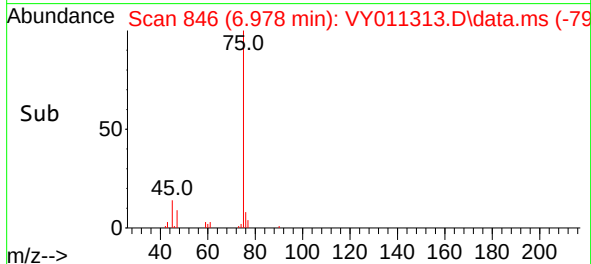
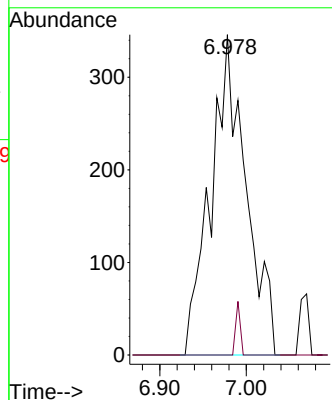
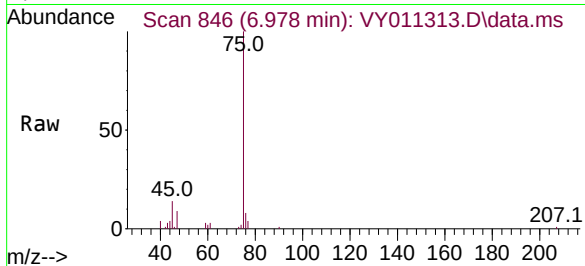




#25
2-Butanone
Concen: 6.012 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

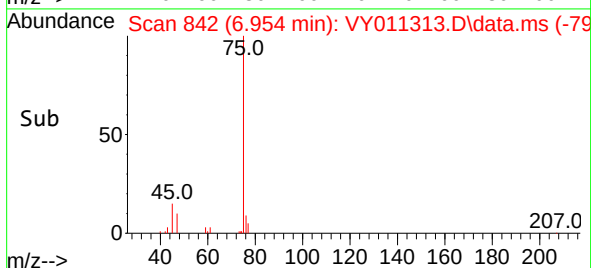
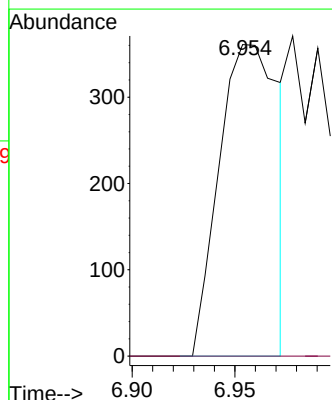
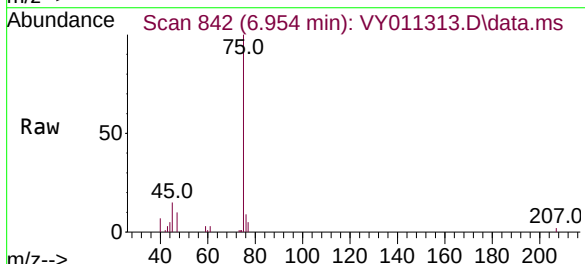
Instrument :
MSVOA_Y
ClientSampleId :

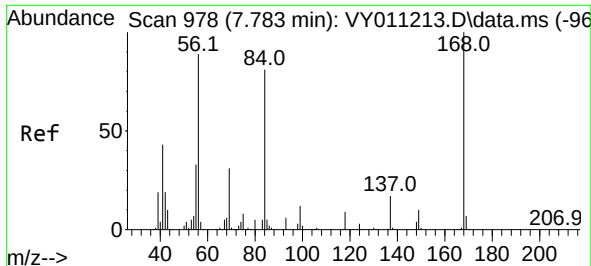
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.035 ug/l
RT: 6.954 min Scan# 842
Delta R.T. -0.024 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

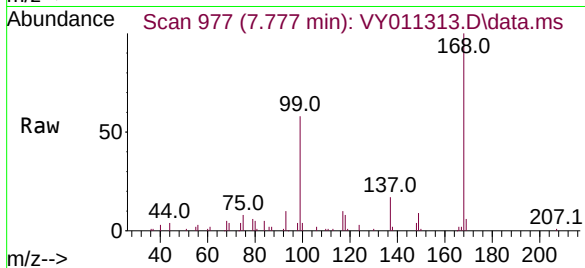
Tgt Ion: 77 Resp: 724
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



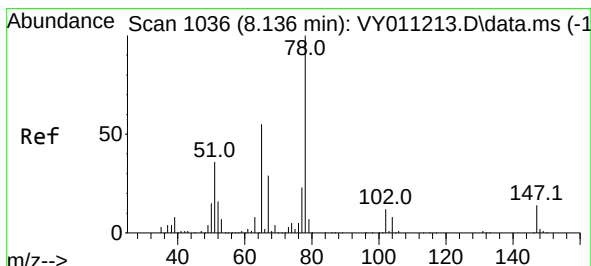
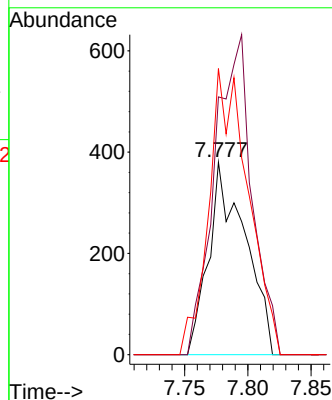
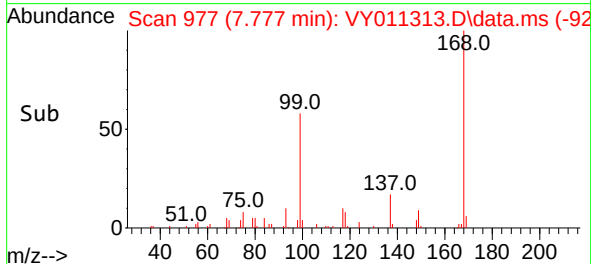


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Instrument :
MSVOA_Y
ClientSampleId :

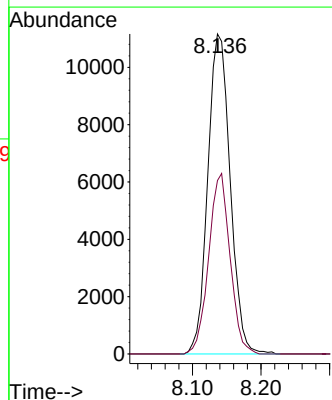
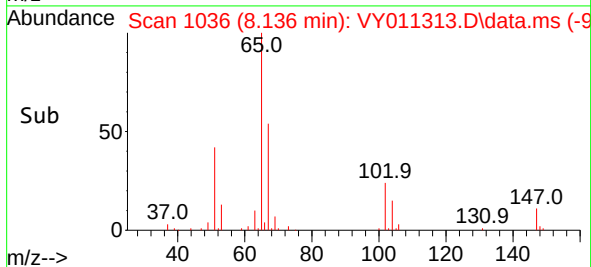
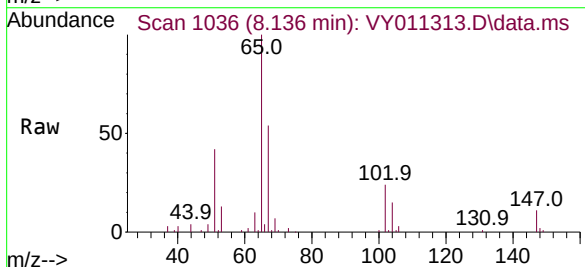


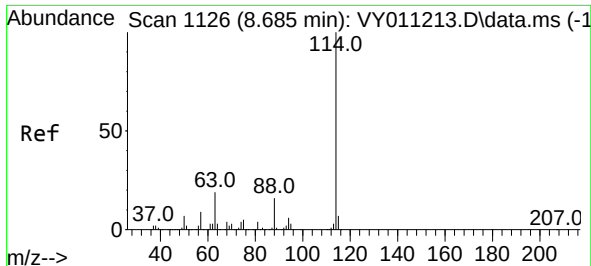
Tgt Ion: 56 Resp: 764
Ion Ratio Lower Upper
56 100
69 133.9 26.7 40.1#
84 148.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 66.418 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Tgt Ion: 65 Resp: 25411
Ion Ratio Lower Upper
65 100
67 53.9 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: VY011313.D

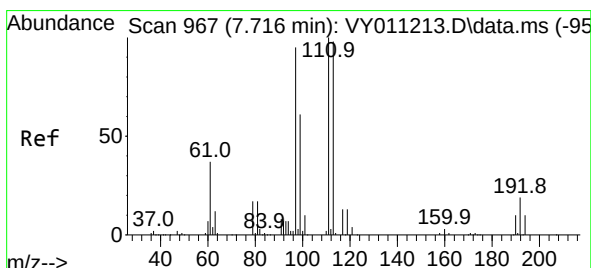
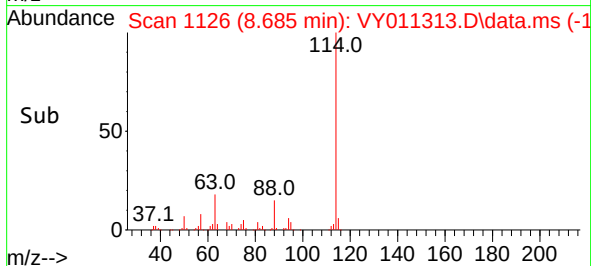
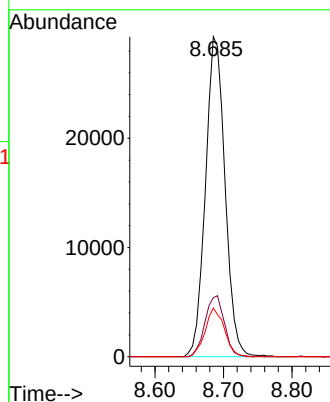
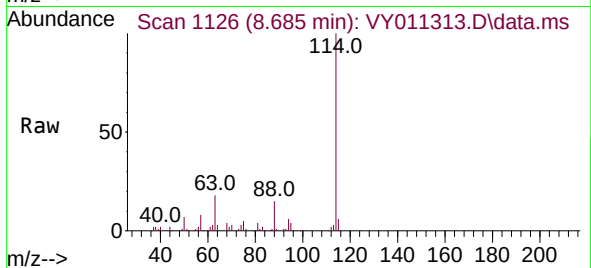
Acq: 04 Nov 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	58222
Ion Ratio	Lower	Upper
114	100	
63	18.5	0.0 43.2
88	15.2	0.0 31.8



#35

Dibromofluoromethane

Concen: 65.033 ug/l

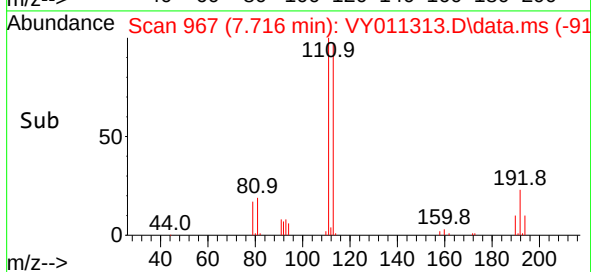
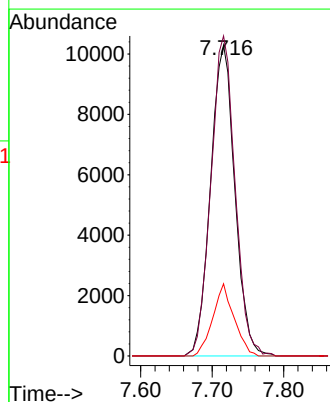
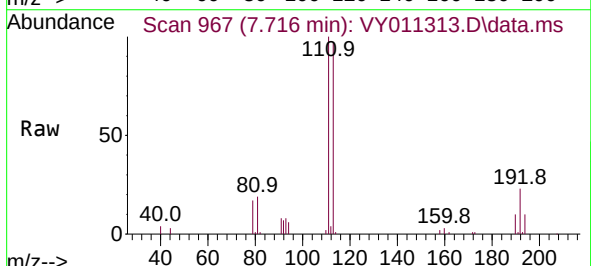
RT: 7.716 min Scan# 967

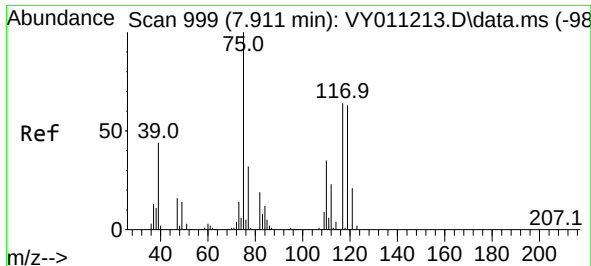
Delta R.T. 0.006 min

Lab File: VY011313.D

Acq: 04 Nov 2022 21:18

Tgt Ion:113	Resp:	24327
Ion Ratio	Lower	Upper
113	100	
111	102.0	82.6 124.0
192	20.3	17.6 26.4

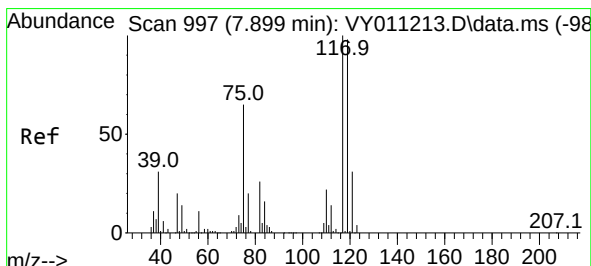
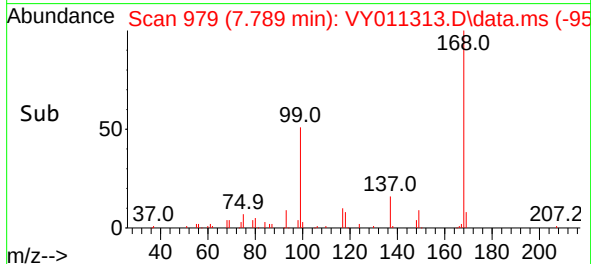
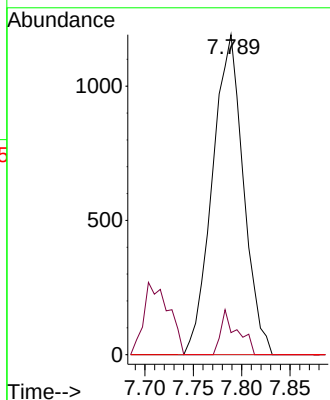
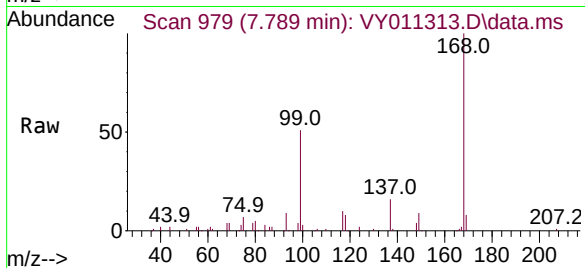




#36
1,1-Dichloropropene
Concen: 4.356 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

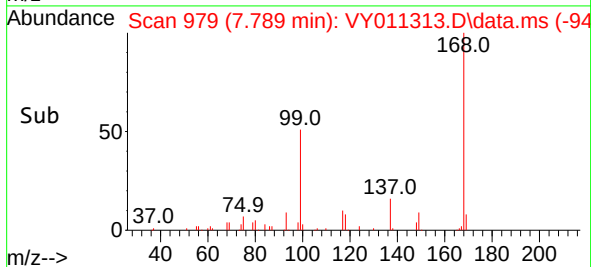
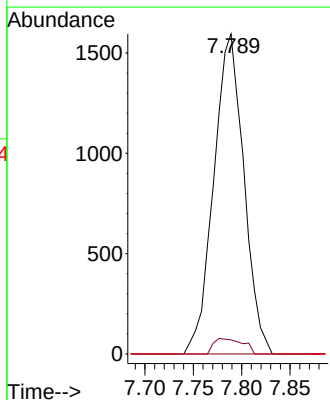
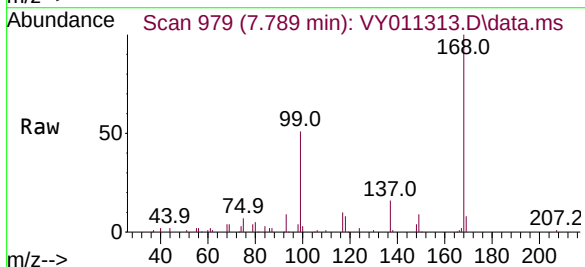
Instrument :
MSVOA_Y
ClientSampleId :

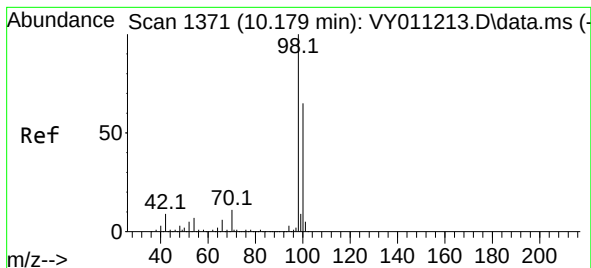
Tgt Ion: 75 Resp: 2661
Ion Ratio Lower Upper
75 100
110 7.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.447 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Tgt Ion: 117 Resp: 3452
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 39.381 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011313.D

Acq: 04 Nov 2022 21:18

Instrument :

MSVOA_Y

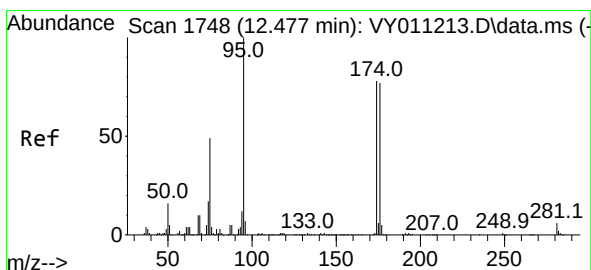
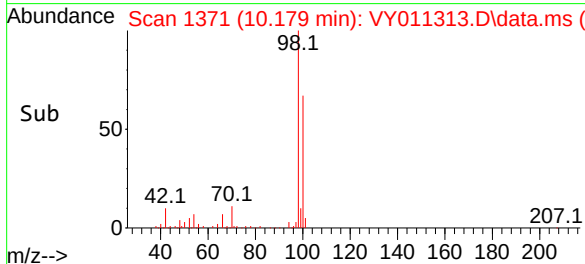
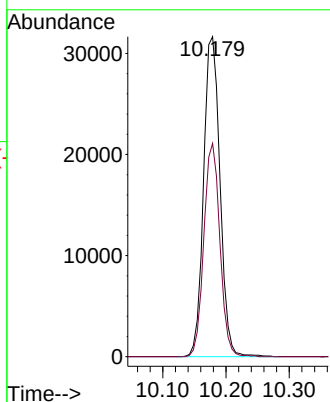
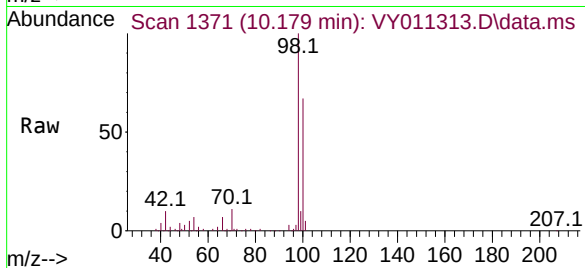
ClientSampleId :

Tgt Ion: 98 Resp: 57196

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 37.667 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011313.D

Acq: 04 Nov 2022 21:18

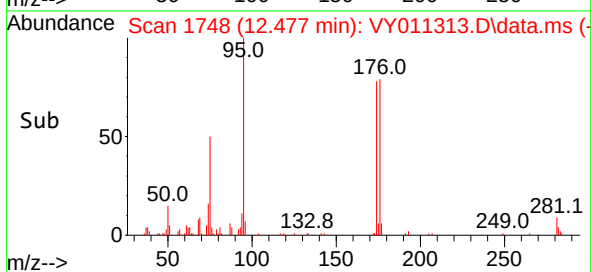
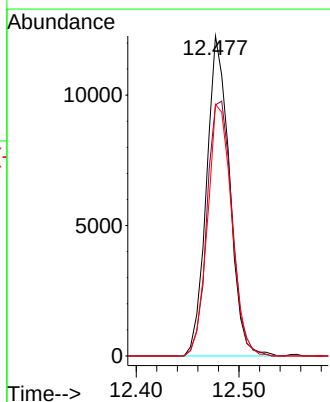
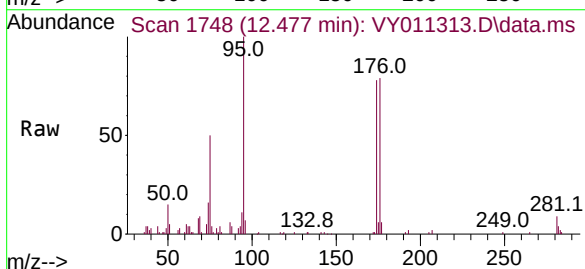
Tgt Ion: 95 Resp: 18992

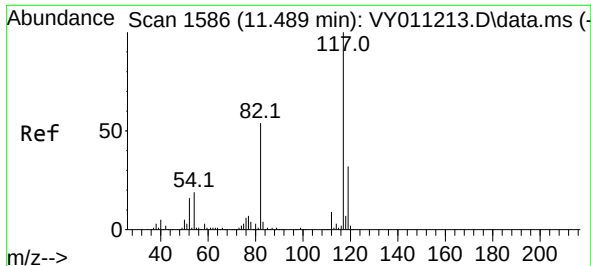
Ion Ratio Lower Upper

95 100

174 86.9 0.0 177.0

176 83.0 0.0 175.8

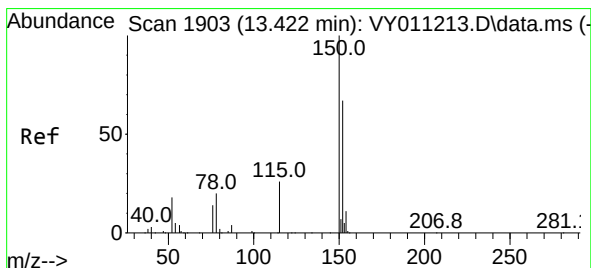
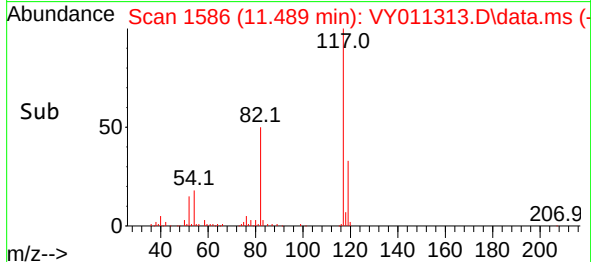
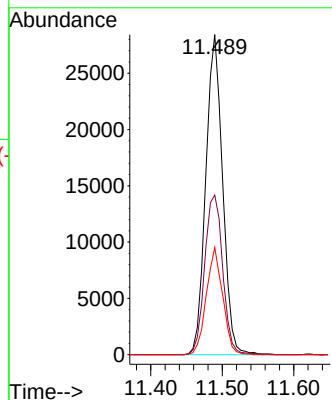
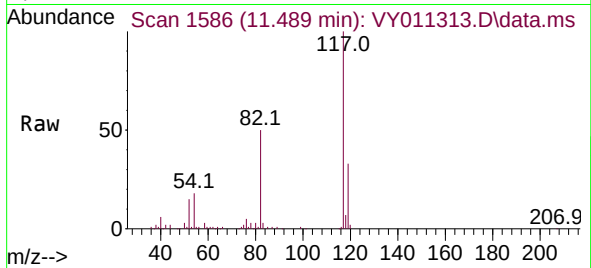




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

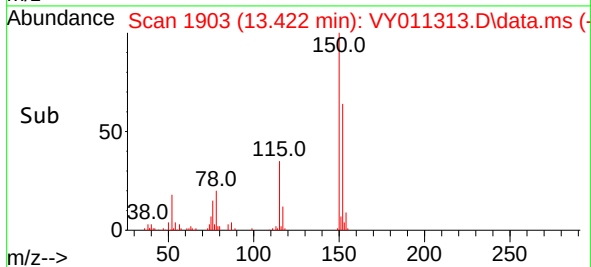
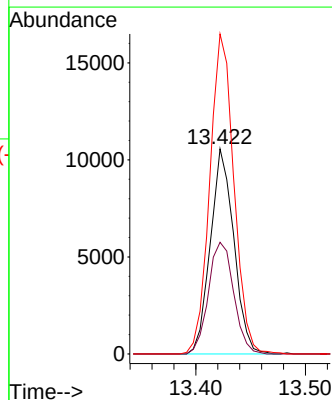
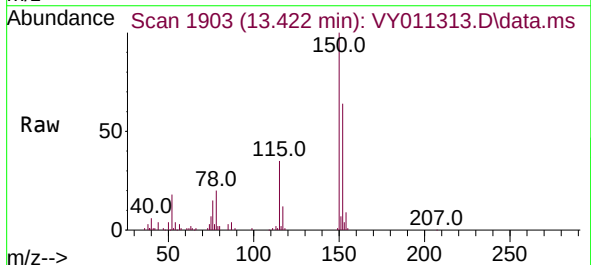
Instrument :
MSVOA_Y
ClientSampleId :

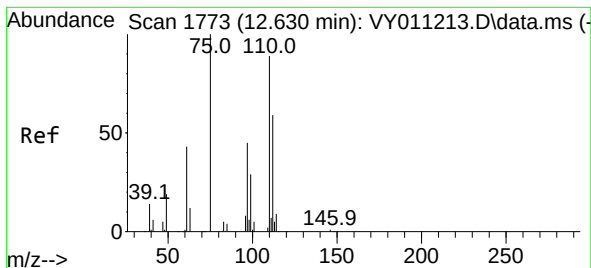
Tgt Ion:117	Resp:	46511
Ion Ratio	Lower	Upper
117	100	
82	49.9	43.0 64.4
119	33.4	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Tgt Ion:152	Resp:	15704
Ion Ratio	Lower	Upper
152	100	
115	58.7	28.2 84.7
150	160.4	0.0 347.6

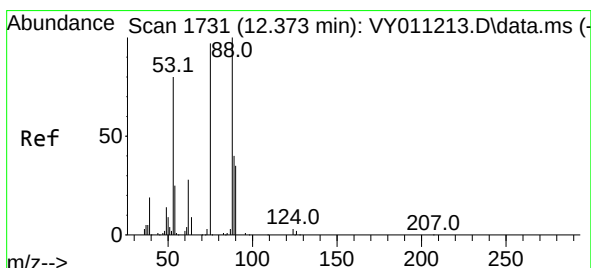
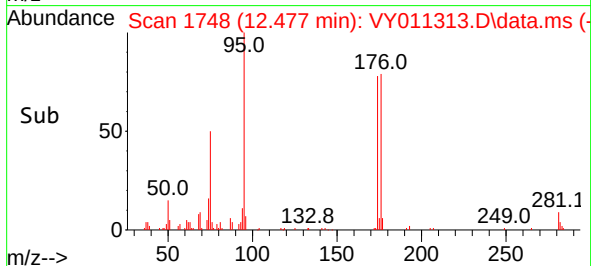
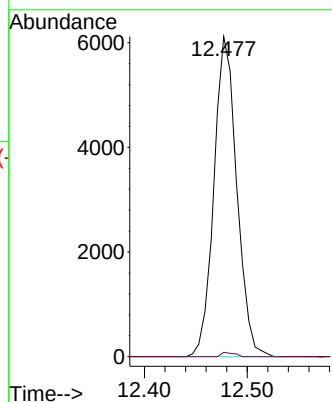
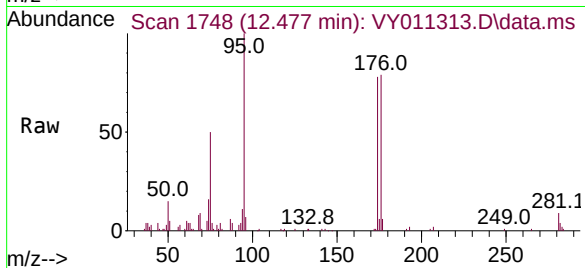




#76
1,2,3-Trichloropropane
Concen: 49.413 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9447
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.751 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011313.D
Acq: 04 Nov 2022 21:18

Tgt Ion: 75 Resp: 9447
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

