

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011426.D
 Acq On : 11 Nov 2022 18:03
 Operator : KP/MD
 Sample : N5508-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-110722

Quant Time: Nov 14 05:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

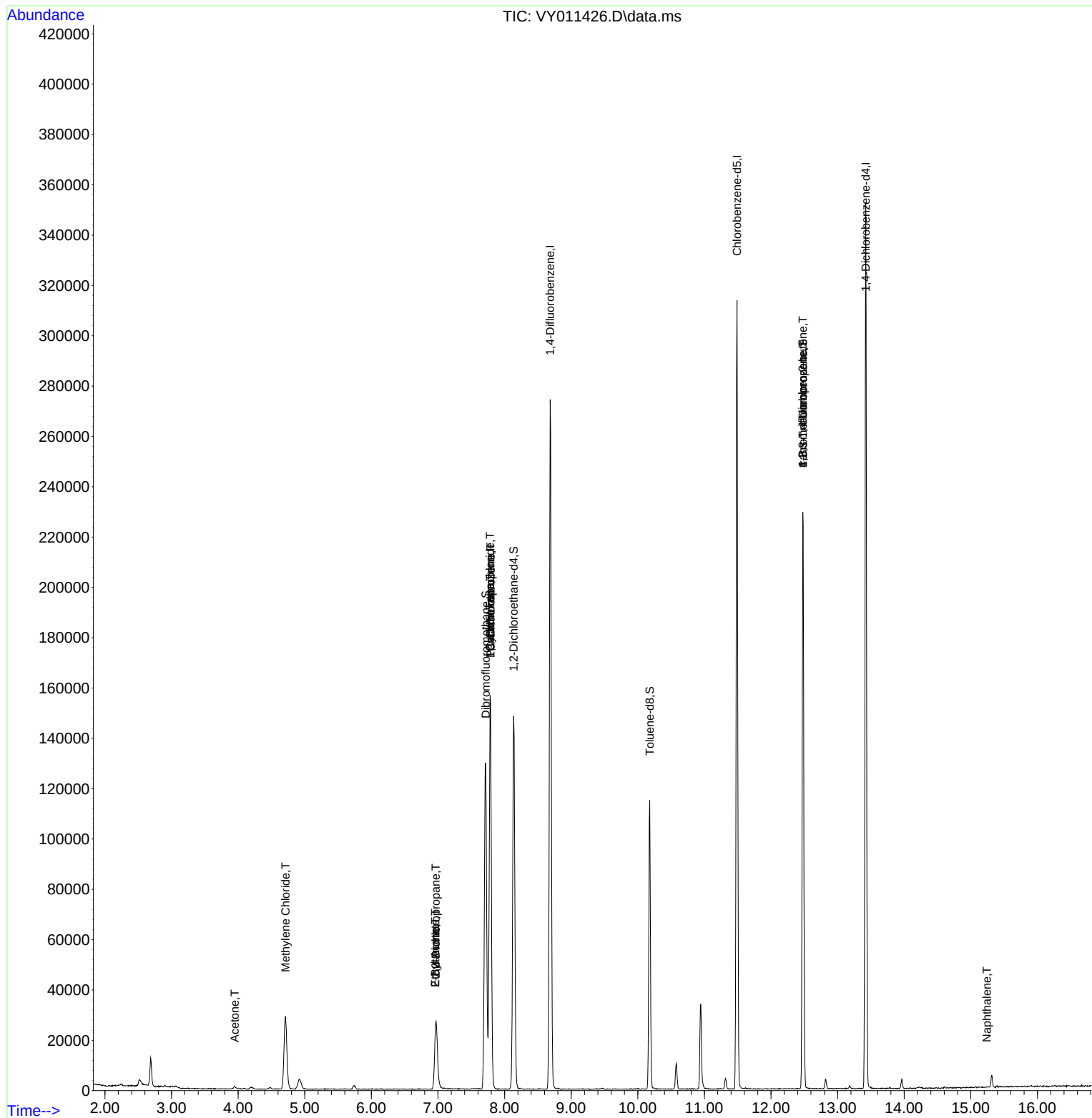
Internal Standards						
1) Pentafluorobenzene	7.789	168	126805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115337	108.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 217.080%#	
35) Dibromofluoromethane	7.716	113	96005	69.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.800%	
50) Toluene-d8	10.179	98	78520	14.857	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 29.720%#	
62) 4-Bromofluorobenzene	12.477	95	71121	38.581	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	3897	Below Cal	#	77
16) Acetone	3.948	43	1777	6.337	ug/l #	76
20) Methylene Chloride	4.710	84	23991	9.702	ug/l #	78
25) 2-Butanone	6.960	43	1201	3.007	ug/l #	54
26) 2,2-Dichloropropane	6.966	77	2150	1.077	ug/l #	55
31) Cyclohexane	7.783	56	2049	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8599	4.005	ug/l #	51
37) Ethyl Acetate	6.960	43	1201	1.164	ug/l #	1
38) Carbon Tetrachloride	7.783	117	12372	5.297	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	33887	29.893	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33887	71.854	ug/l #	7
95) Naphthalene	15.239	128	19	3.280	ug/l #	69

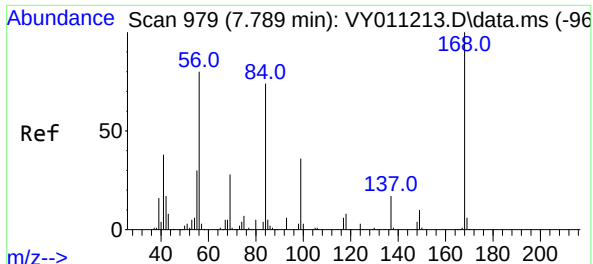
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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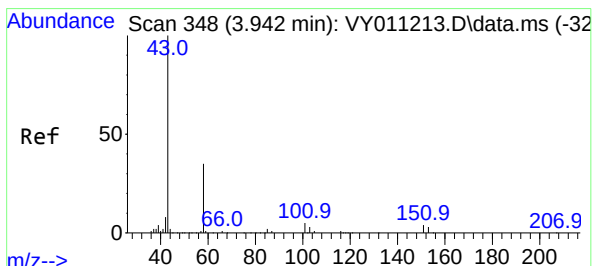
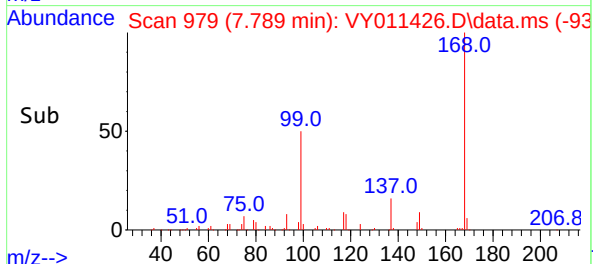
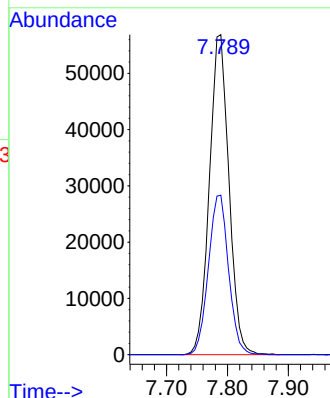
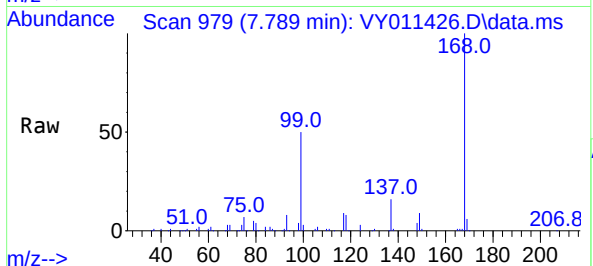




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

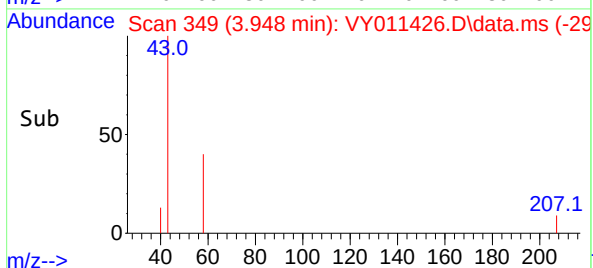
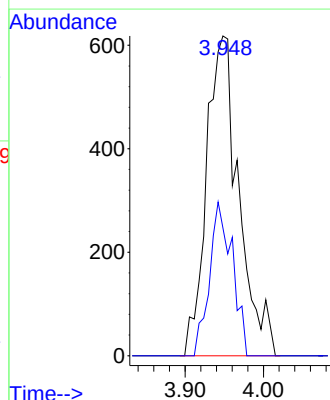
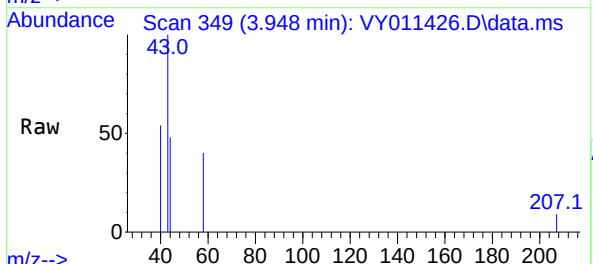
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722

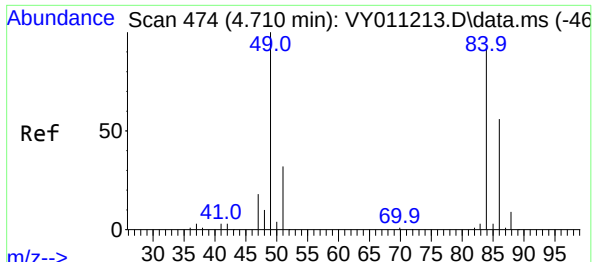
Tgt Ion:168 Resp: 126805
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#16
Acetone
Concen: 6.337 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

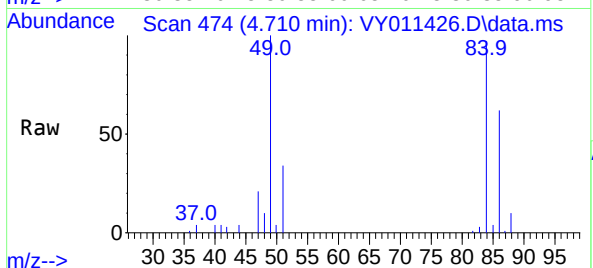
Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
58 40.0 22.0 33.0#



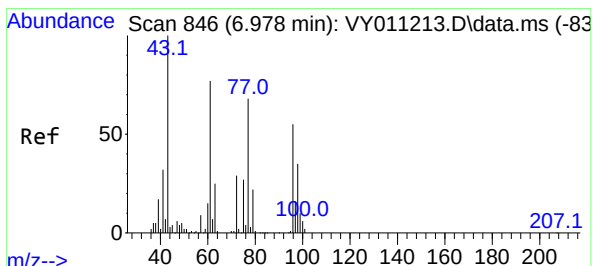
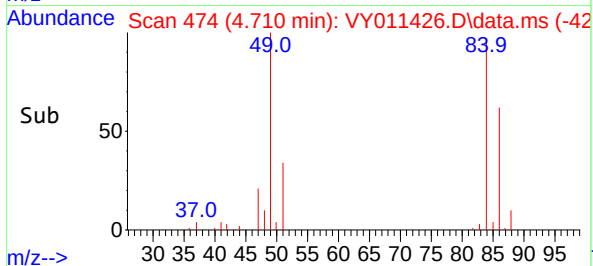
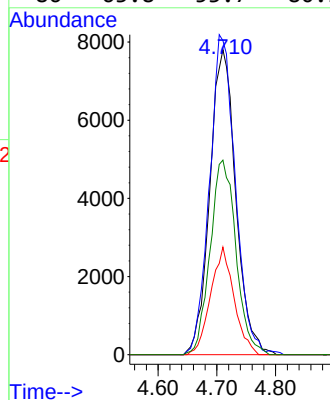


#20
Methylene Chloride
Concen: 9.702 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722

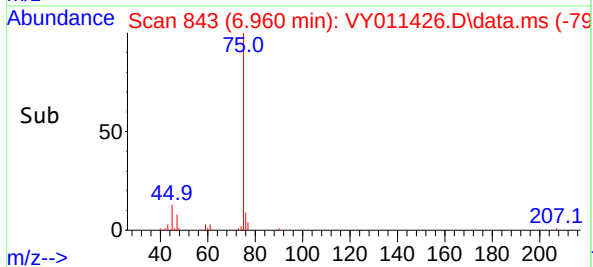
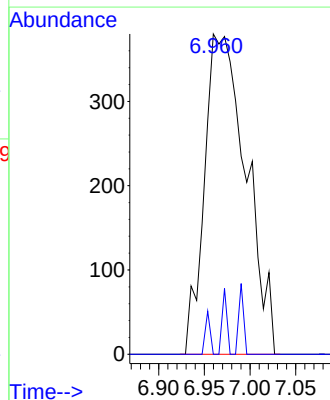
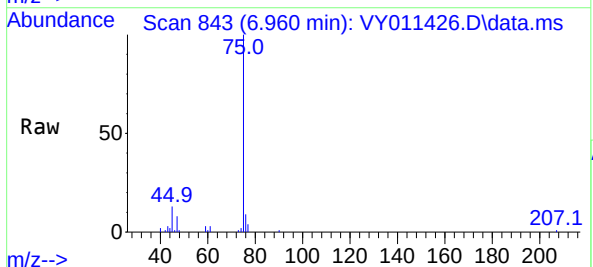


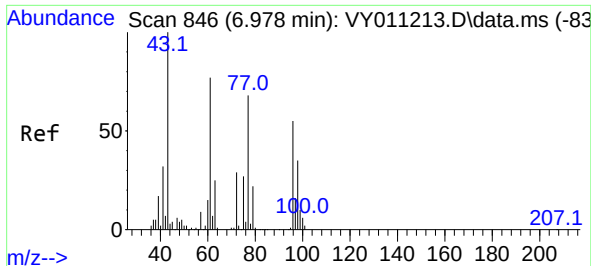
Tgt Ion: 84 Resp: 23991
Ion Ratio Lower Upper
84 100
49 103.0 114.4 171.6#
51 35.2 35.3 52.9#
86 63.8 53.7 80.5



#25
2-Butanone
Concen: 3.007 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

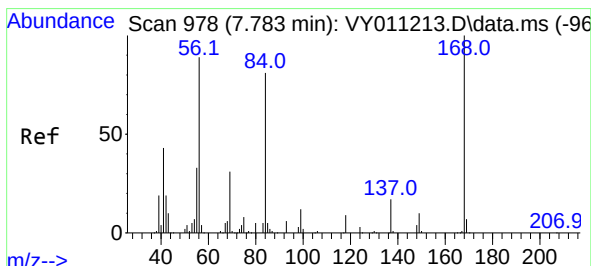
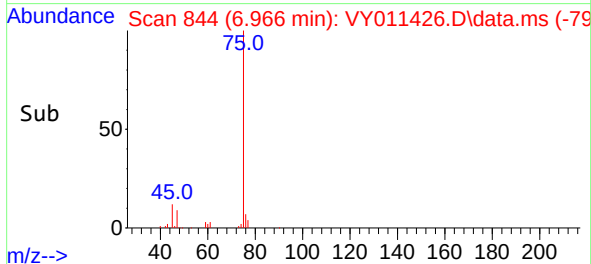
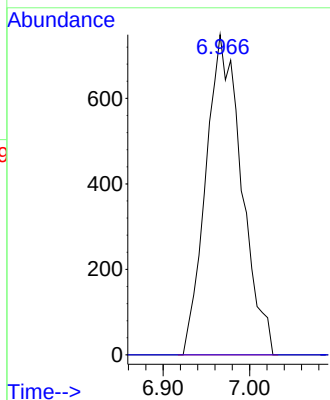
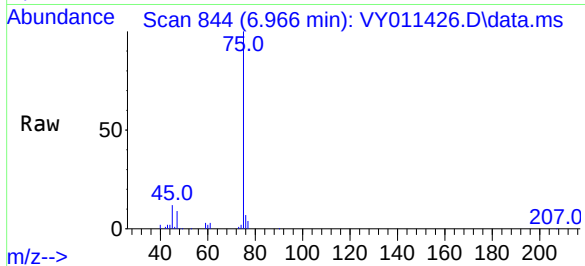




#26
2,2-Dichloropropane
Concen: 1.077 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

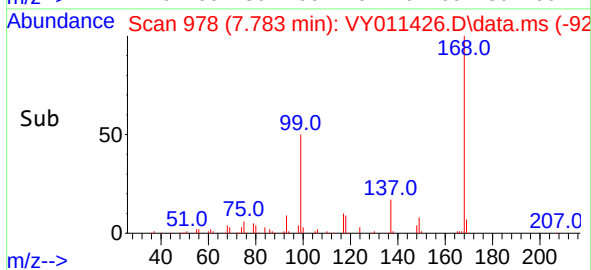
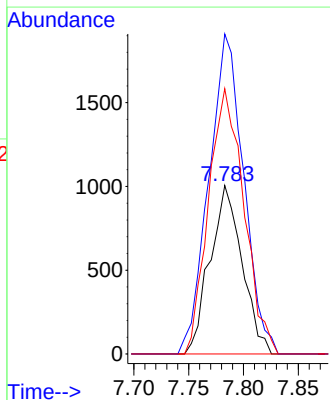
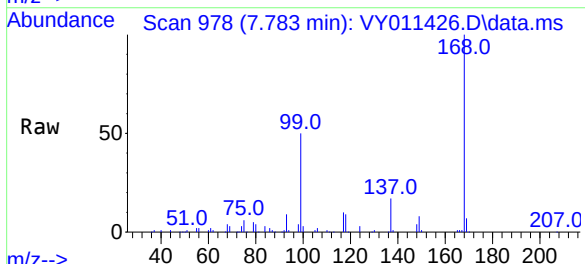
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722

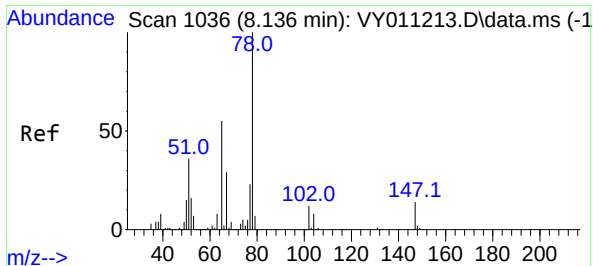
Tgt Ion: 77 Resp: 2150
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Tgt Ion: 56 Resp: 2049
Ion Ratio Lower Upper
56 100
69 189.9 26.7 40.1#
84 157.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 108.544 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011426.D

Acq: 11 Nov 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

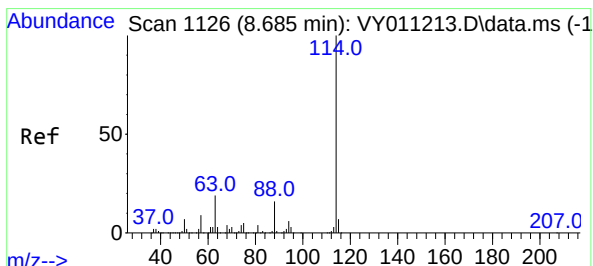
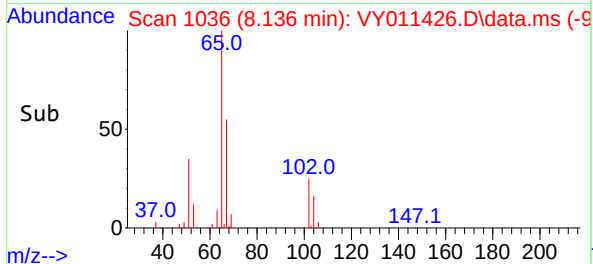
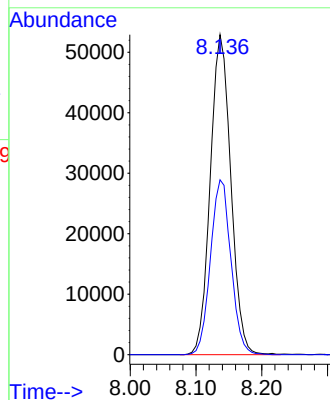
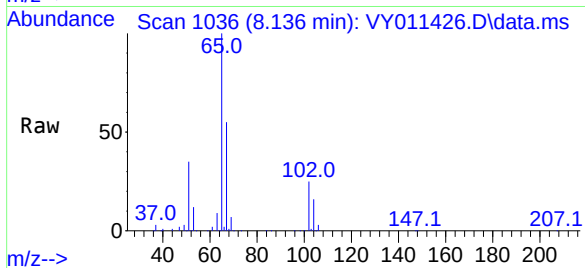
AU-06-110722

Tgt Ion: 65 Resp: 115337

Ion Ratio Lower Upper

65 100

67 54.3 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: VY011426.D

Acq: 11 Nov 2022 18:03

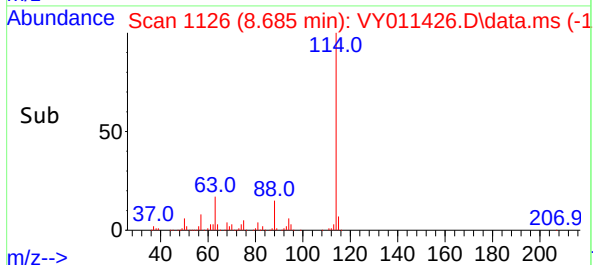
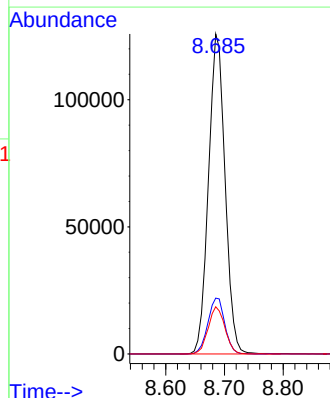
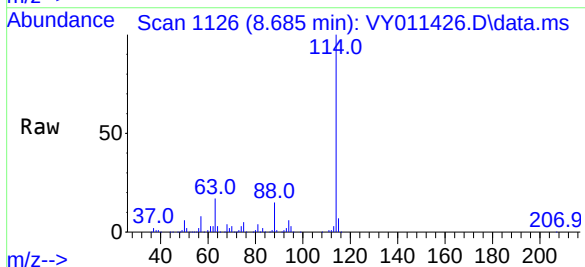
Tgt Ion: 114 Resp: 246854

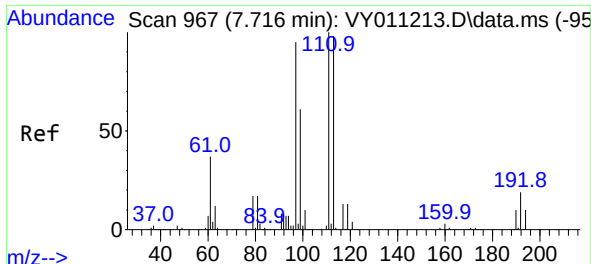
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.8 0.0 31.8



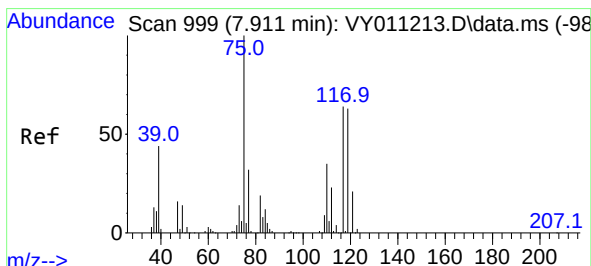
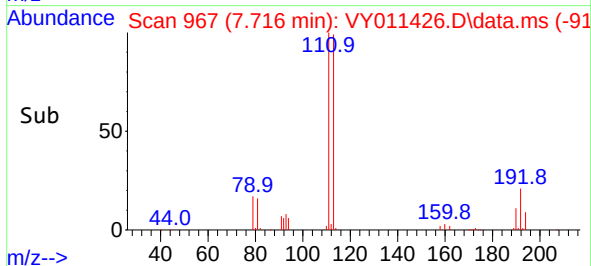
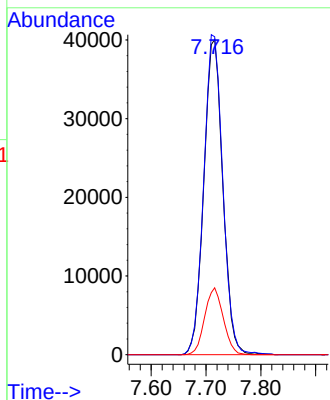
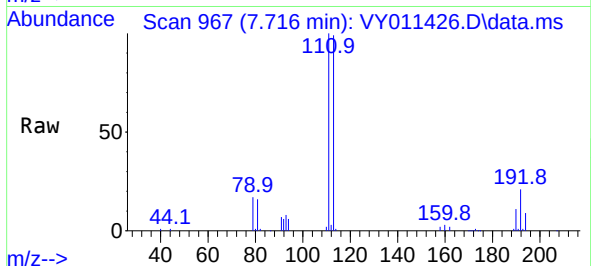


#35
Dibromofluoromethane
Concen: 69.397 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722

Tgt Ion:113 Resp: 96005

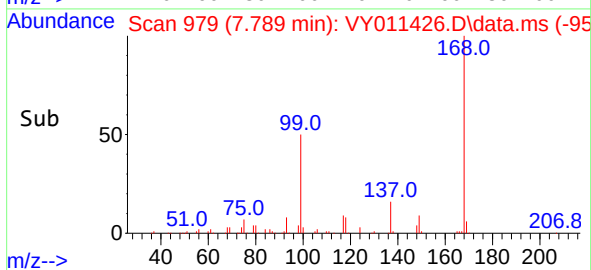
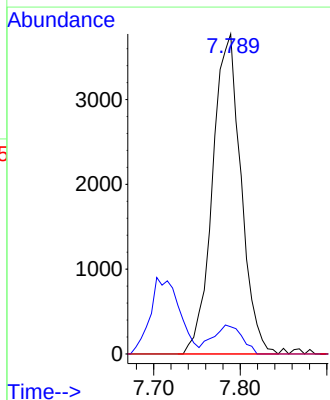
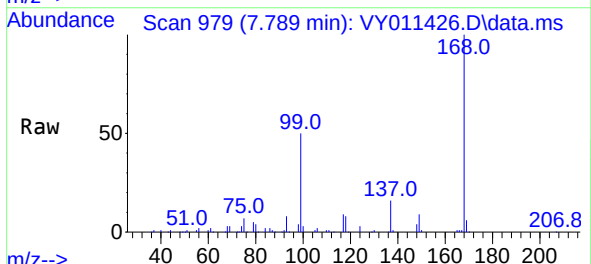
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	20.7	17.6	26.4

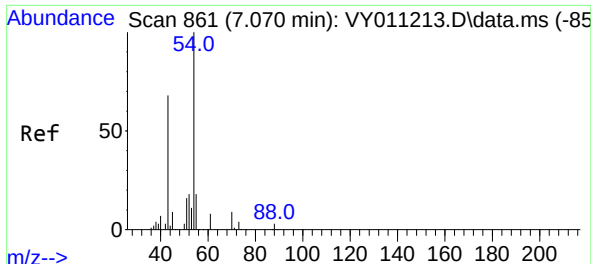


#36
1,1-Dichloropropene
Concen: 4.005 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Tgt Ion: 75 Resp: 8599

Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 1.164 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.110 min

Lab File: VY011426.D

Acq: 11 Nov 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

AU-06-110722

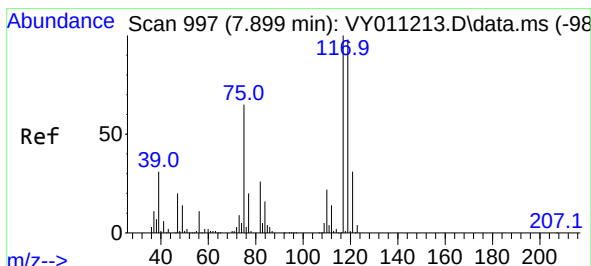
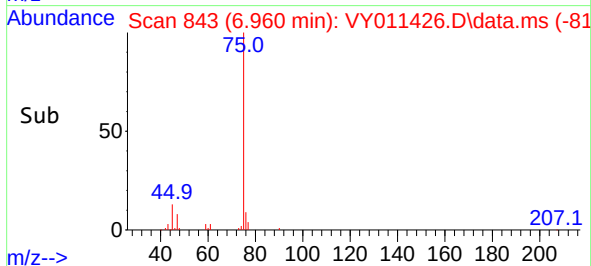
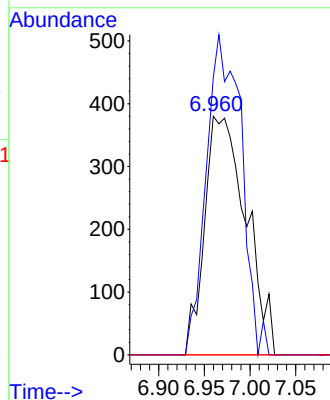
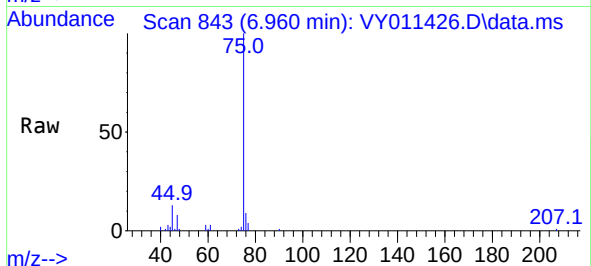
Tgt Ion: 43 Resp: 1201

Ion Ratio Lower Upper

43 100

61 112.7 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.297 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011426.D

Acq: 11 Nov 2022 18:03

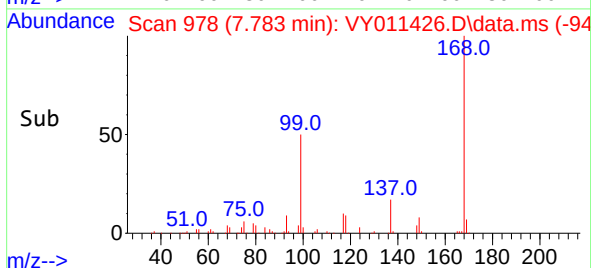
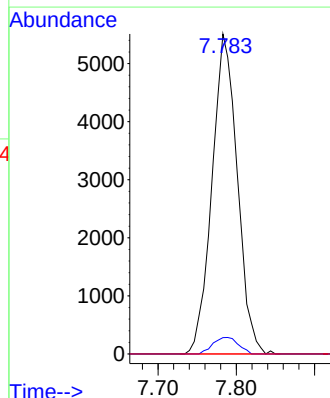
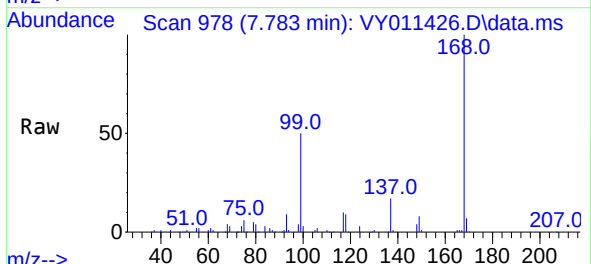
Tgt Ion: 117 Resp: 12372

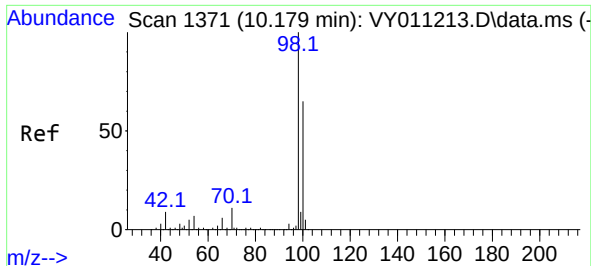
Ion Ratio Lower Upper

117 100

119 5.1 77.9 116.9#

121 0.0 24.8 37.2#

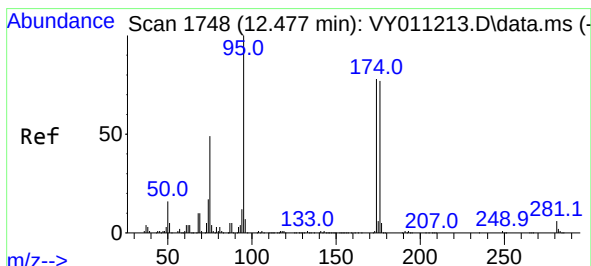
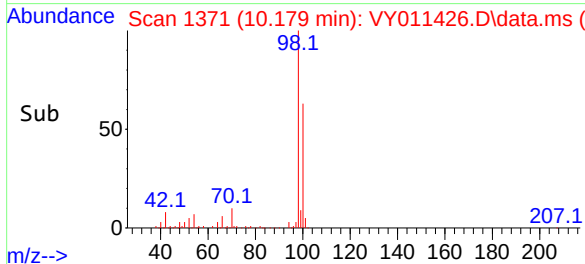
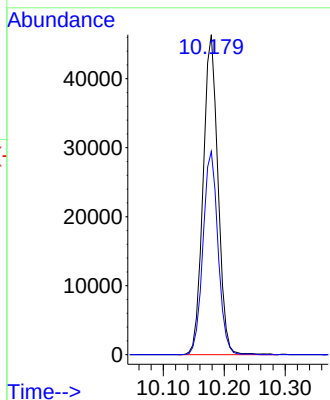
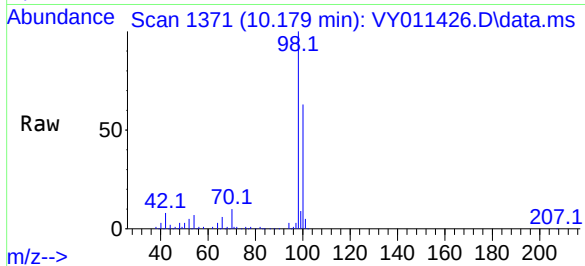




#50
Toluene-d8
Concen: 14.857 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

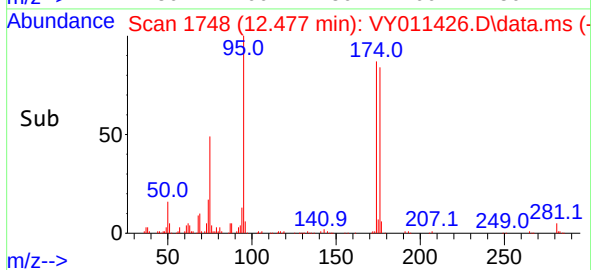
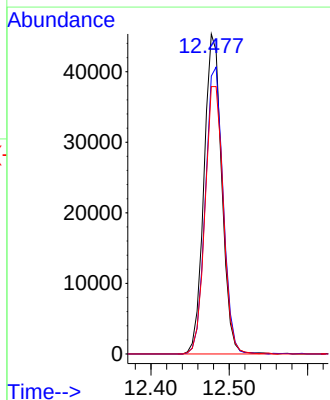
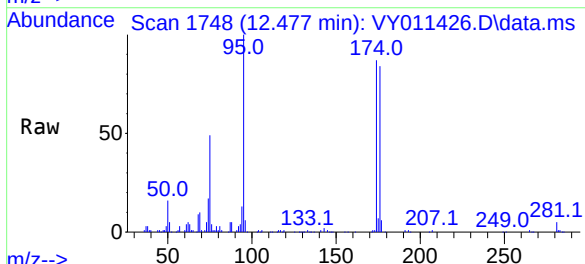
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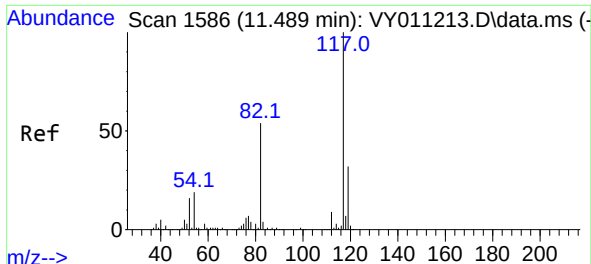
Tgt Ion: 98 Resp: 78520
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.581 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Tgt Ion: 95 Resp: 71121
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 86.2 0.0 175.8

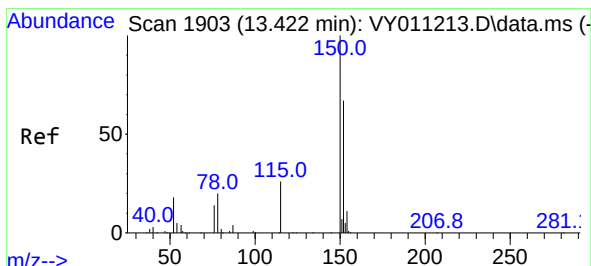
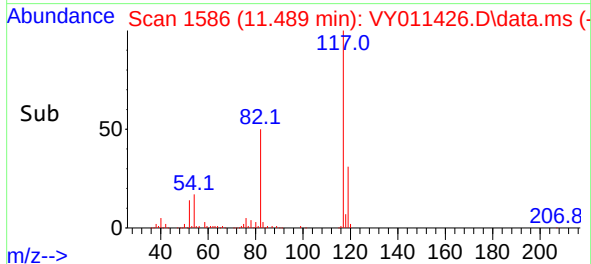
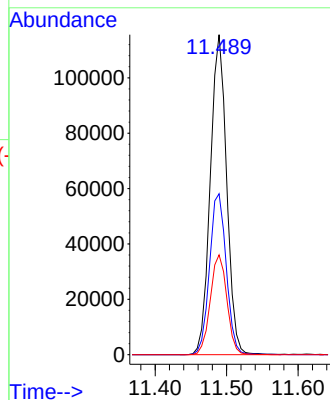
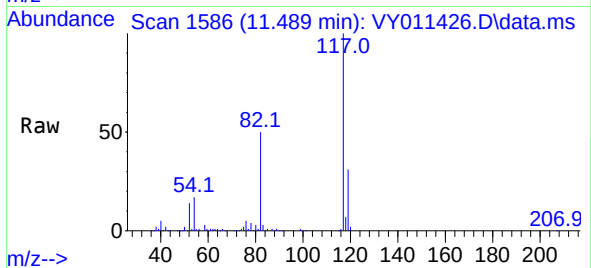




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

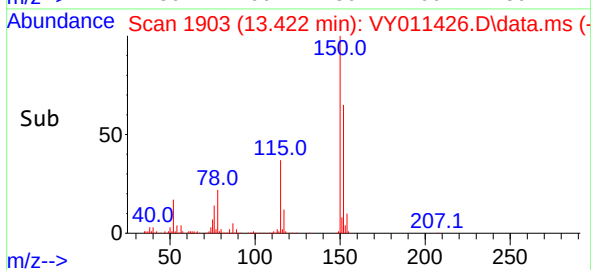
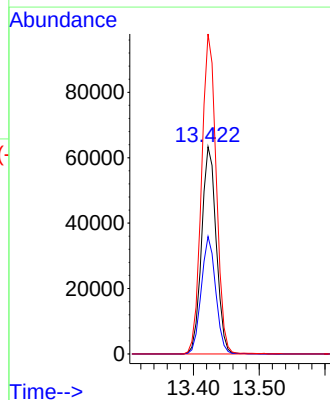
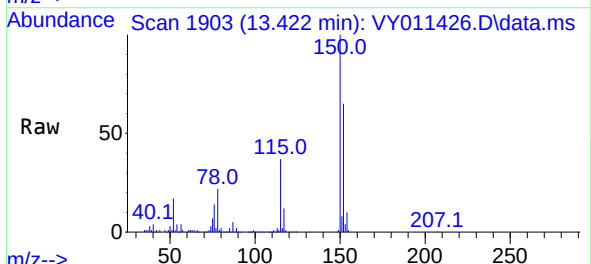
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722

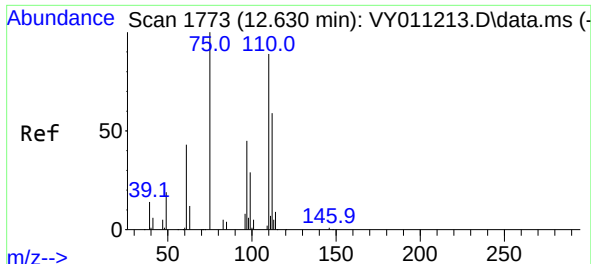
Tgt Ion:117 Resp: 183313
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Tgt Ion:152 Resp: 97933
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 155.6 0.0 347.6

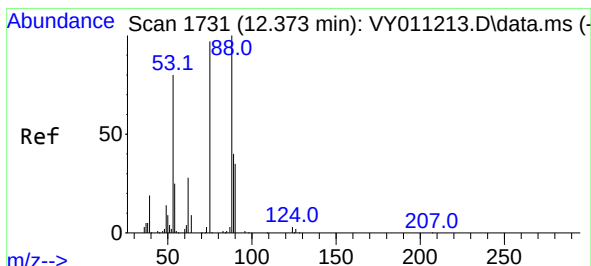
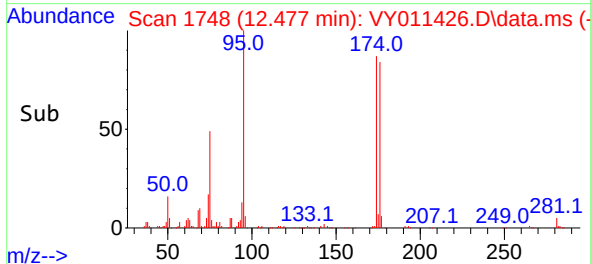
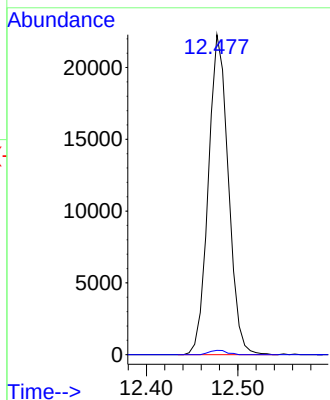
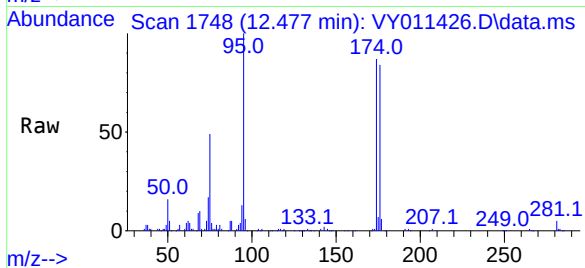




#76
1,2,3-Trichloropropane
Concen: 29.893 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

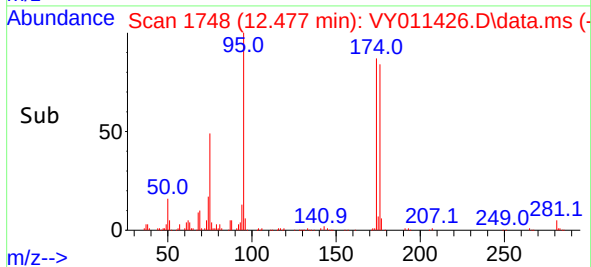
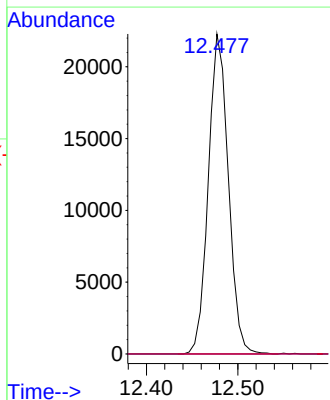
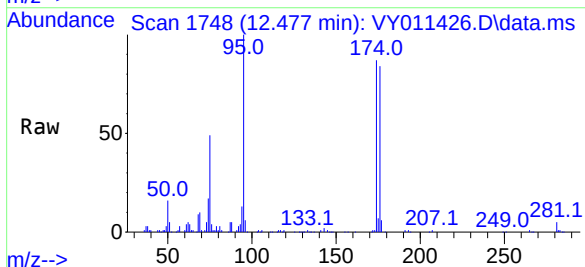
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722

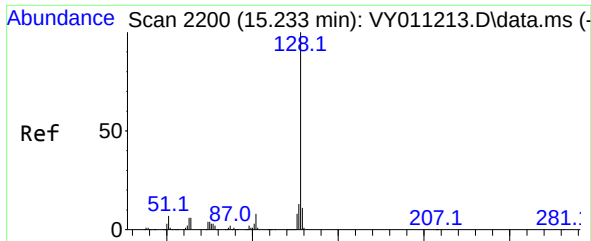
Tgt Ion: 75 Resp: 33887
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.854 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

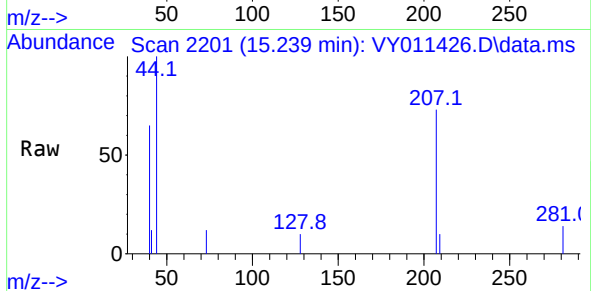
Tgt Ion: 75 Resp: 33887
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.280 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011426.D
Acq: 11 Nov 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722



Tgt Ion:	128	Resp:	19
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

