

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009626.D
 Acq On : 21 Jul 2022 12:14
 Operator : KP/MD
 Sample : N3726-01RE
 Misc : 6.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HL-12-12.5

Quant Time: Jul 22 02:29:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

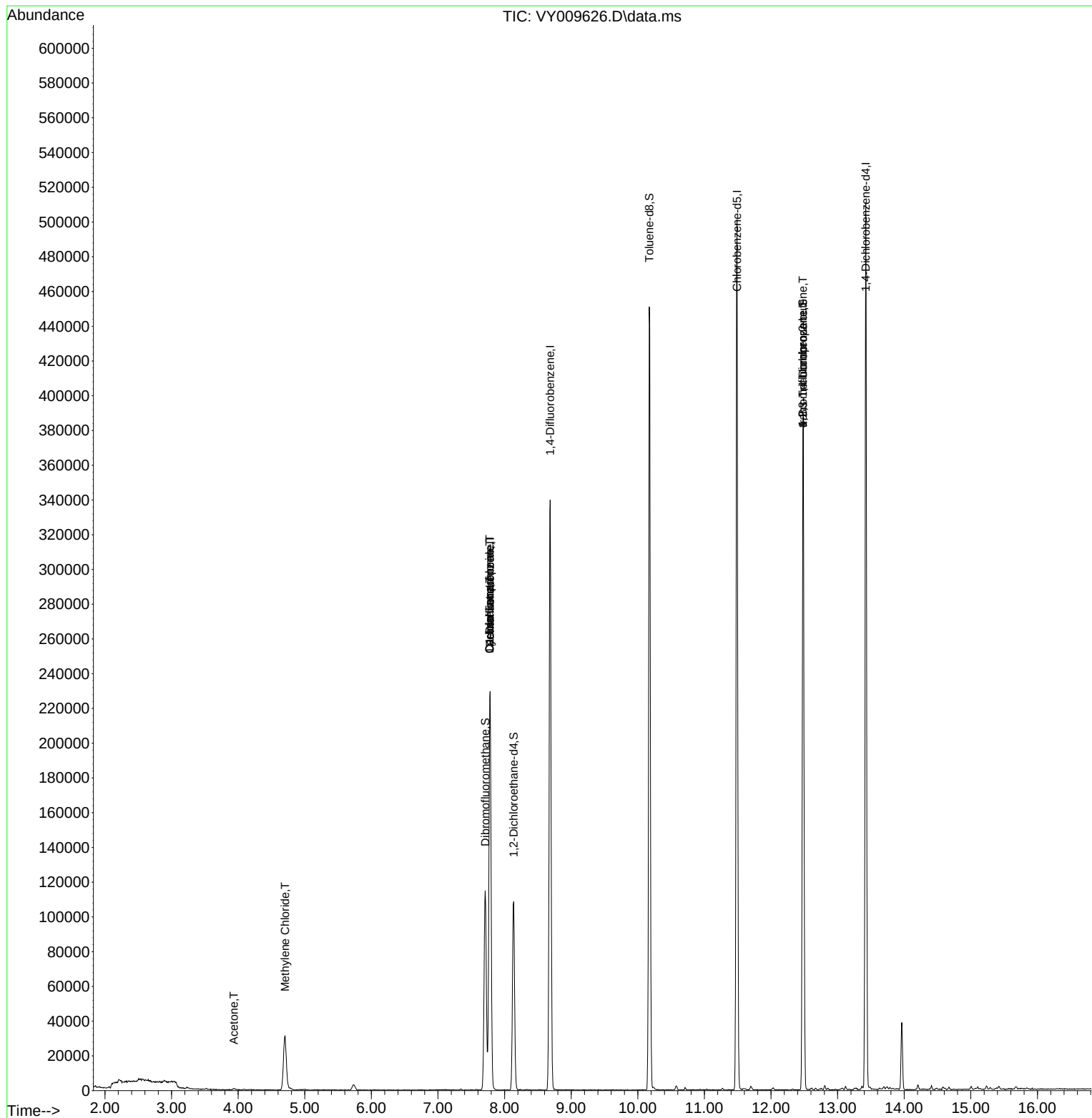
Internal Standards						
1) Pentafluorobenzene	7.783	168	192494	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	310369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	285765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84707	46.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.060%
35) Dibromofluoromethane	7.710	113	81863	41.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.740%
50) Toluene-d8	10.173	98	301496	40.110	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	80.220%
62) 4-Bromofluorobenzene	12.477	95	95535	39.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	78.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	748	Below Cal	#	77
16) Acetone	3.936	43	1410	3.062	ug/l #	76
20) Methylene Chloride	4.704	84	24809	1.028	ug/l #	82
31) Cyclohexane	7.777	56	3418	1.065	ug/l #	7
36) 1,1-Dichloropropene	7.777	75	12295	4.255	ug/l #	52
38) Carbon Tetrachloride	7.777	117	17417	5.758	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	48637	37.448	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48637	73.840	ug/l #	7

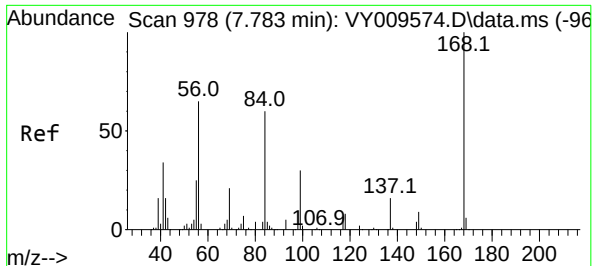
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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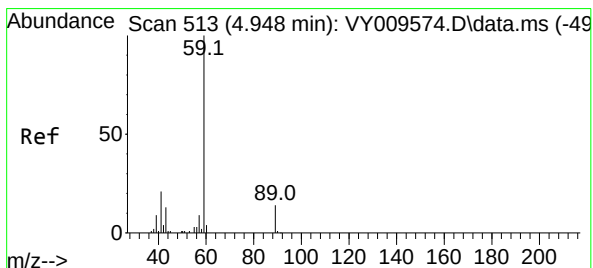
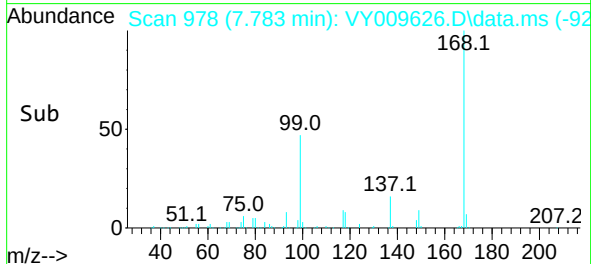
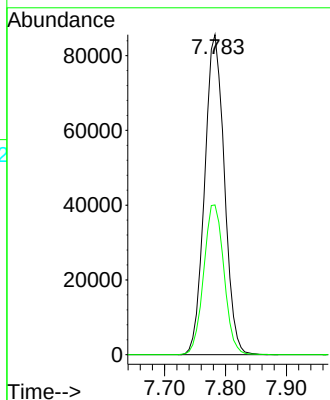
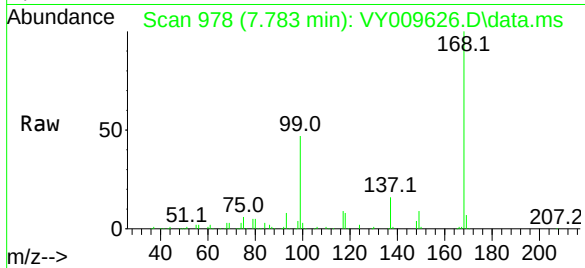




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

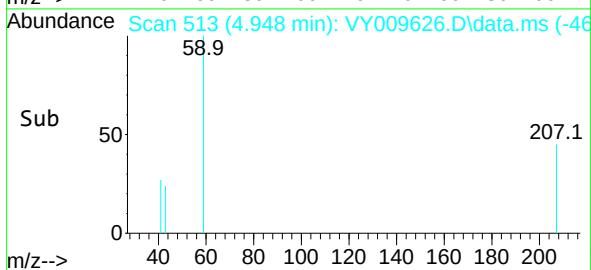
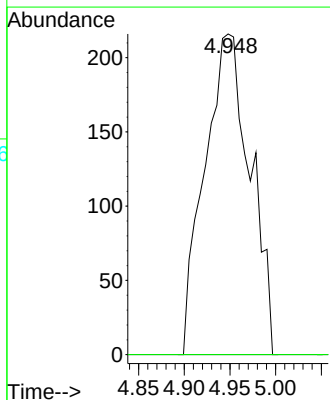
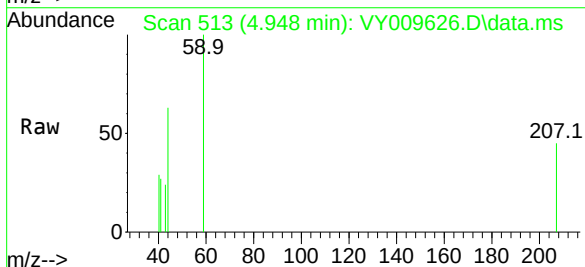
Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

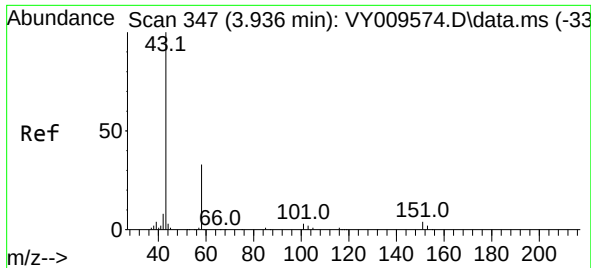
Tgt Ion:168 Resp: 192494
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

Tgt Ion: 59 Resp: 748
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 3.062 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY009626.D

Acq: 21 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

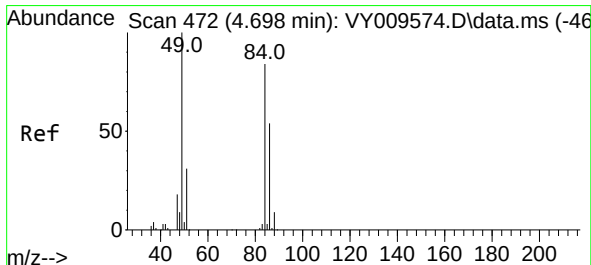
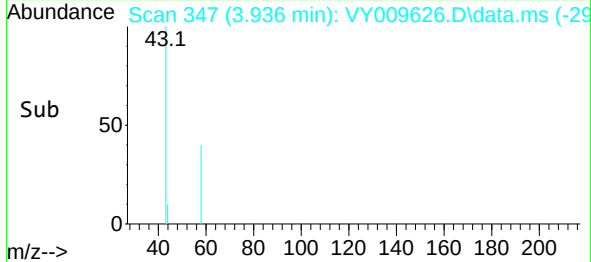
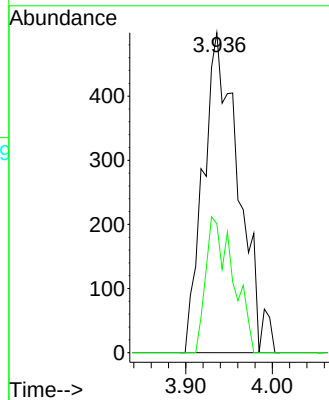
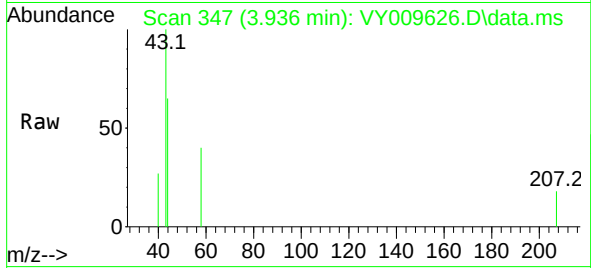
HL-12-12.5

Tgt Ion: 43 Resp: 1410

Ion Ratio Lower Upper

43 100

58 40.3 22.0 33.0#



#20

Methylene Chloride

Concen: 1.028 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY009626.D

Acq: 21 Jul 2022 12:14

Tgt Ion: 84 Resp: 24809

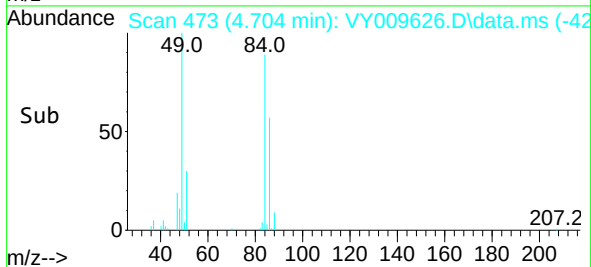
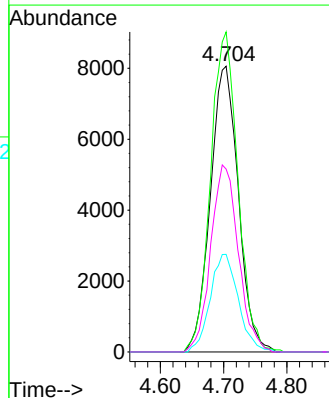
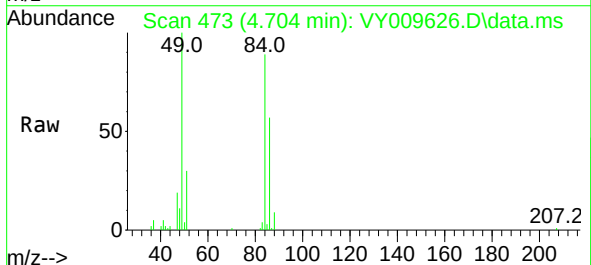
Ion Ratio Lower Upper

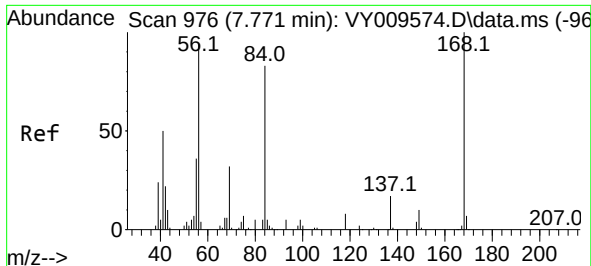
84 100

49 112.0 114.4 171.6#

51 34.1 35.3 52.9#

86 64.0 53.7 80.5

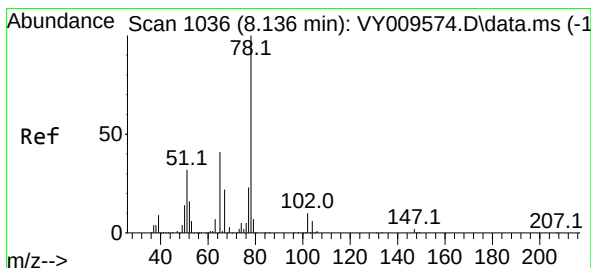
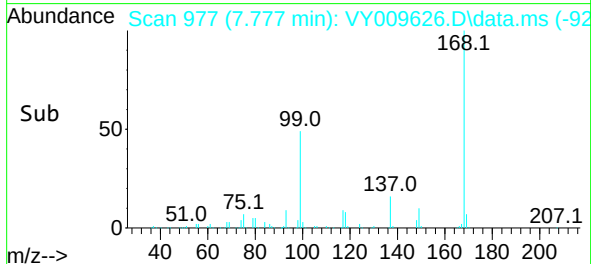
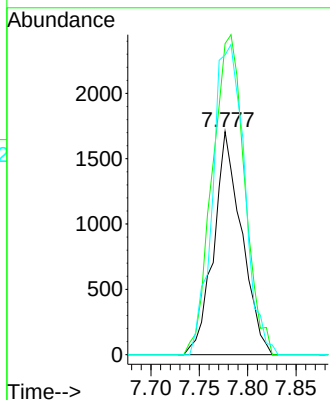
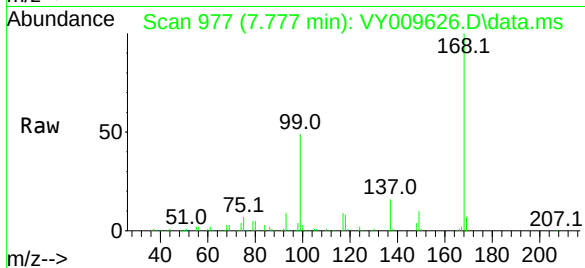




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

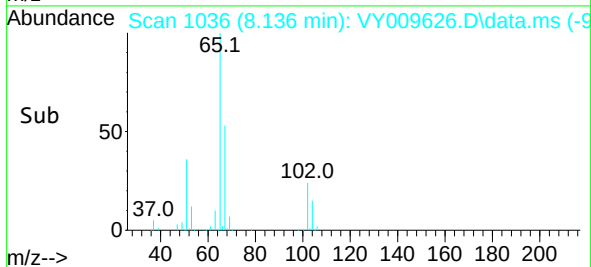
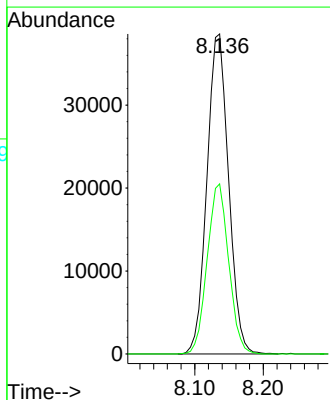
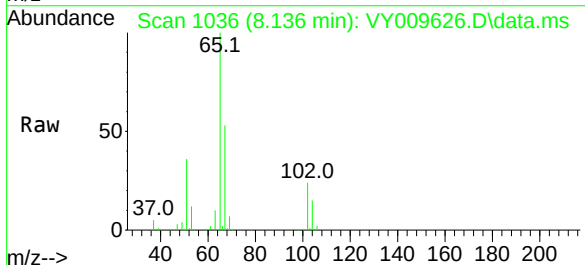
Instrument :
MSVOA_Y
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HL-12-12.5

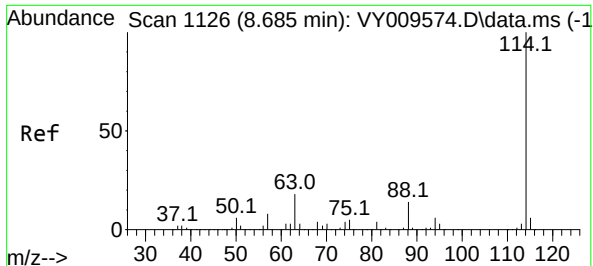
Tgt Ion: 56 Resp: 3418
Ion Ratio Lower Upper
56 100
69 139.5 26.7 40.1#
84 134.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 46.529 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

Tgt Ion: 65 Resp: 84707
Ion Ratio Lower Upper
65 100
67 52.8 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: VY009626.D

Acq: 21 Jul 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

HL-12-12.5

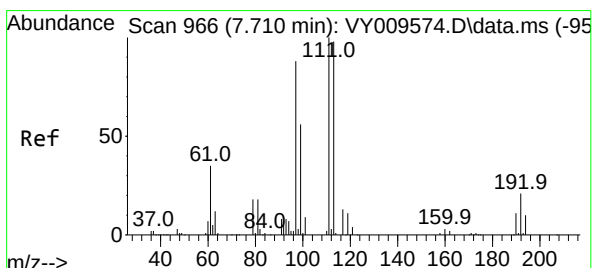
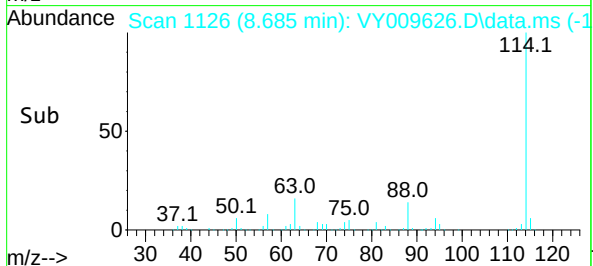
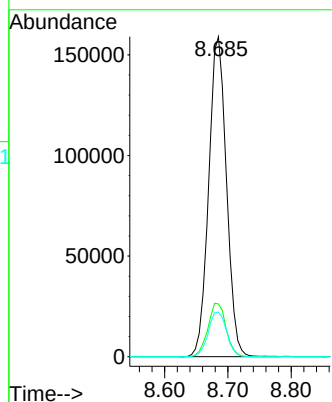
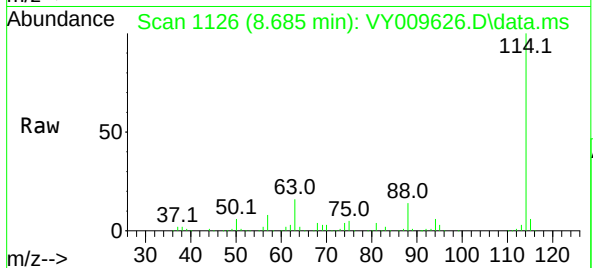
Tgt Ion:114 Resp: 310369

Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.867 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009626.D

Acq: 21 Jul 2022 12:14

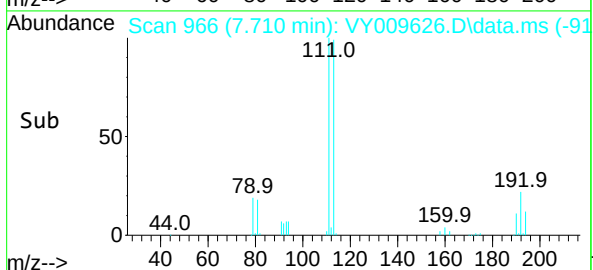
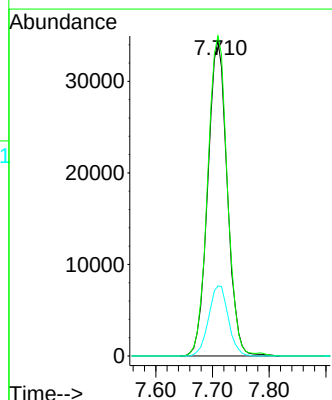
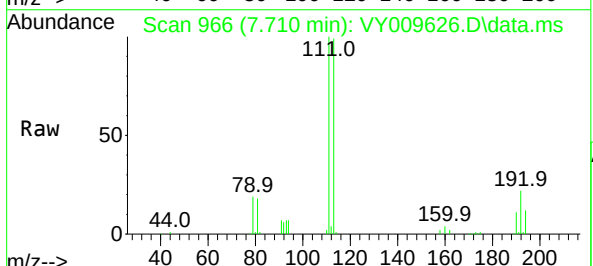
Tgt Ion:113 Resp: 81863

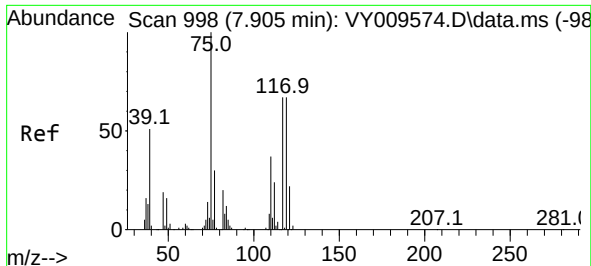
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 22.4 17.6 26.4

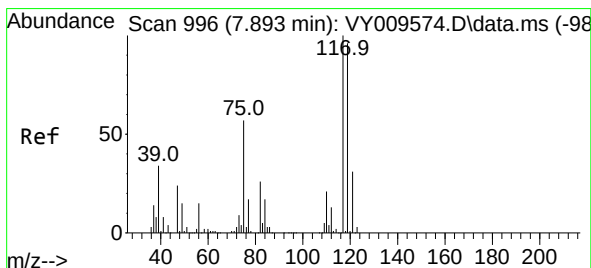
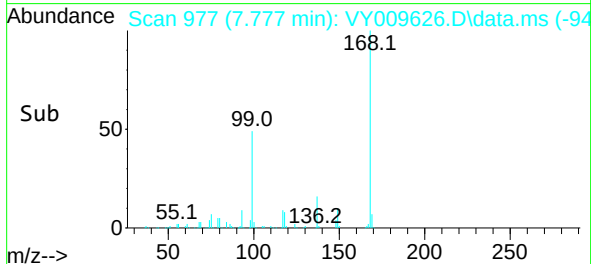
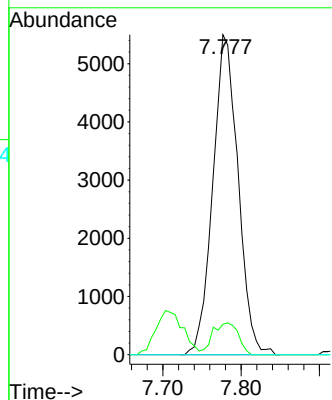
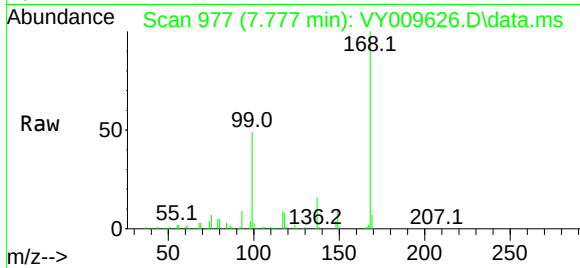




#36
1,1-Dichloropropene
Concen: 4.255 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

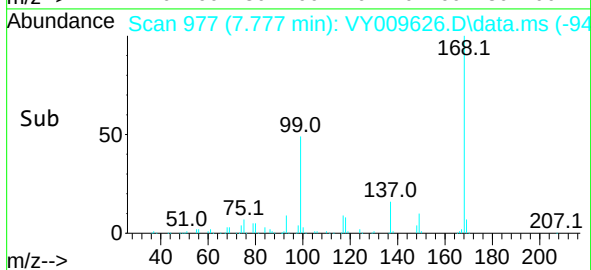
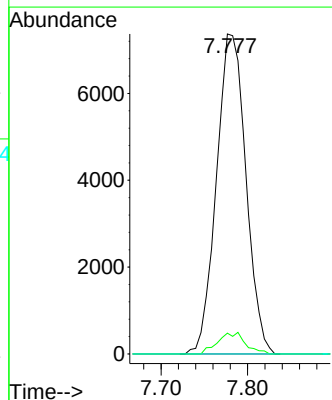
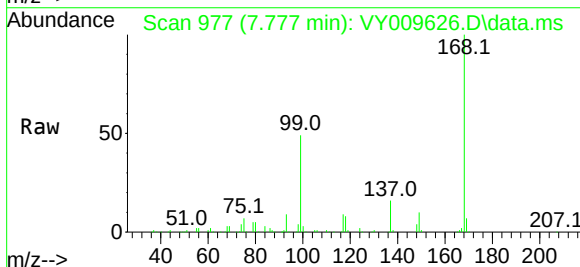
Instrument :
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ClientSampleId :
HL-12-12.5

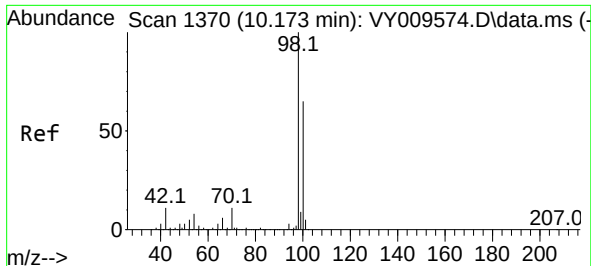
Tgt Ion: 75 Resp: 12295
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

Tgt Ion: 117 Resp: 17417
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#

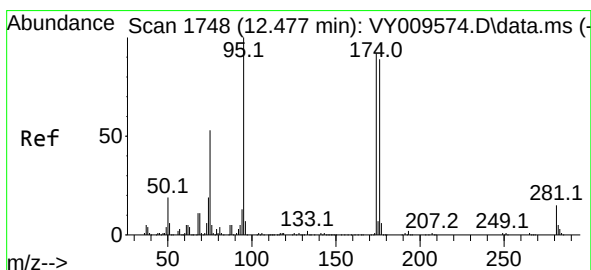
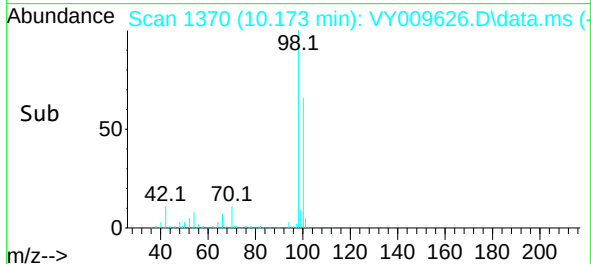
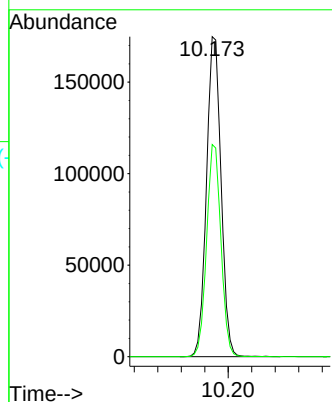
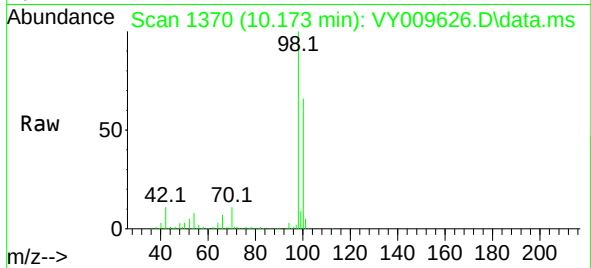




#50
Toluene-d8
Concen: 40.110 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

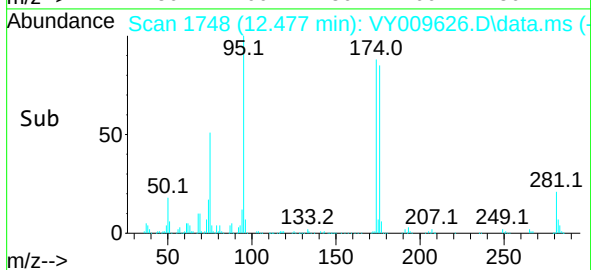
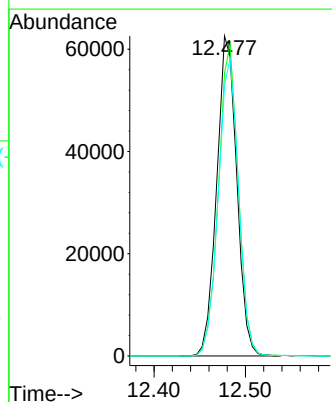
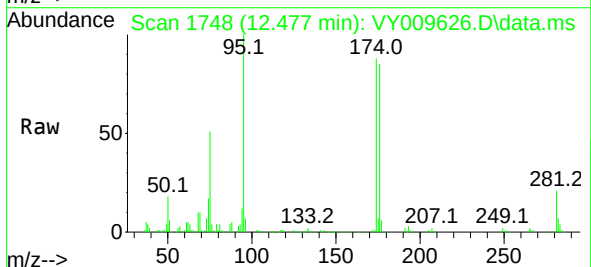
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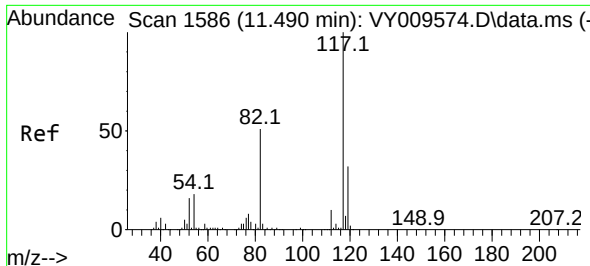
Tgt Ion: 98 Resp: 301496
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.223 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

Tgt Ion: 95 Resp: 95535
Ion Ratio Lower Upper
95 100
174 96.5 0.0 177.0
176 94.0 0.0 175.8

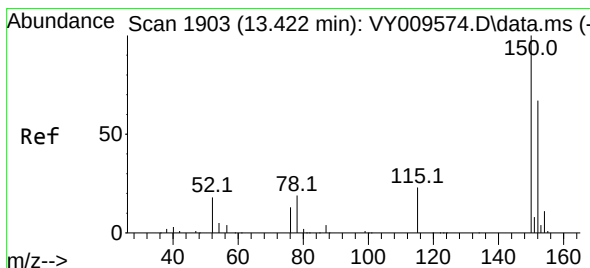
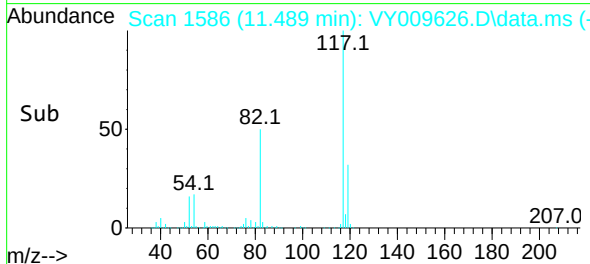
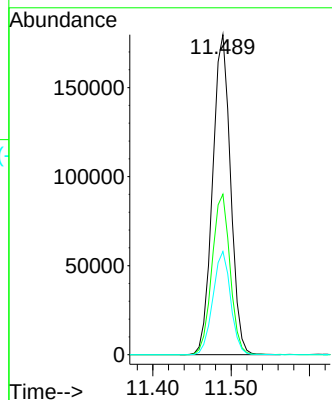
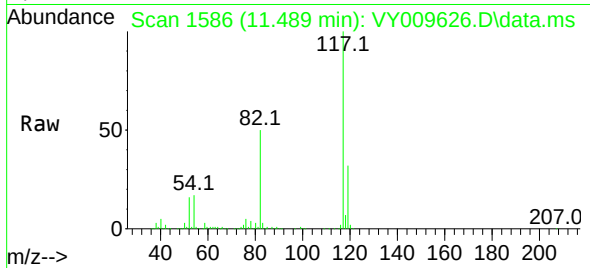




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

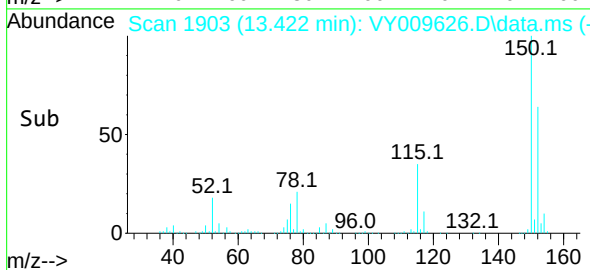
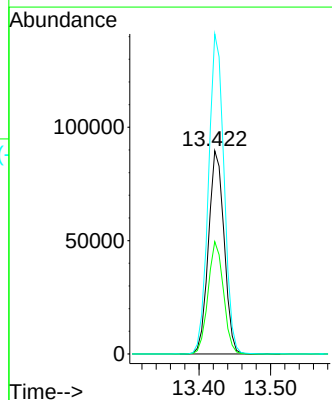
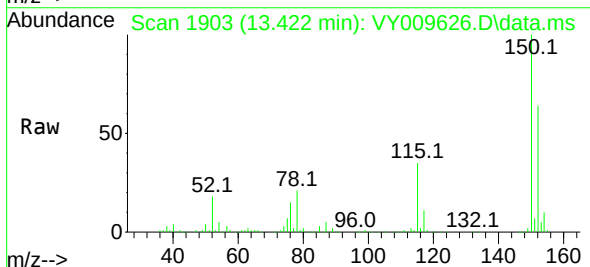
Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

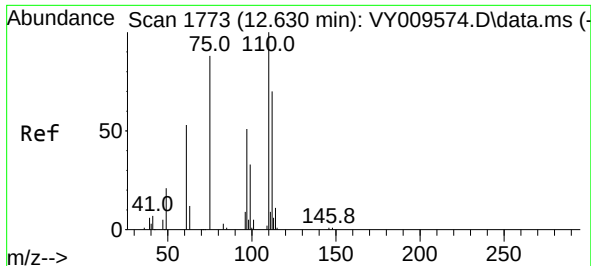
Tgt Ion:117 Resp: 285765
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

Tgt Ion:152 Resp: 136340
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 156.2 0.0 347.6

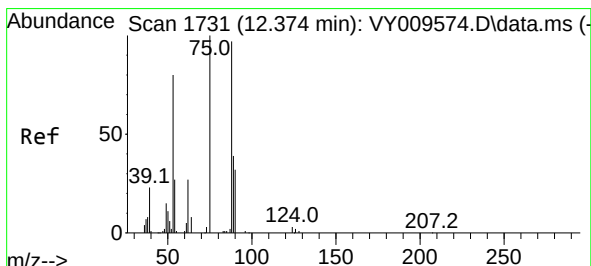
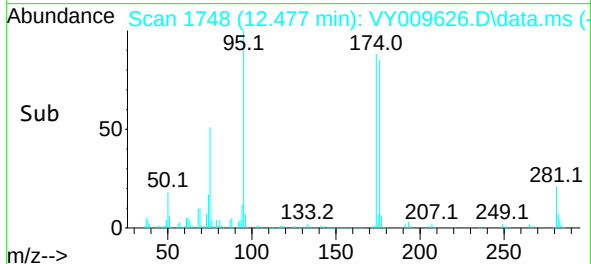
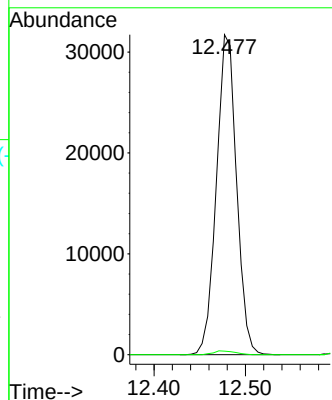
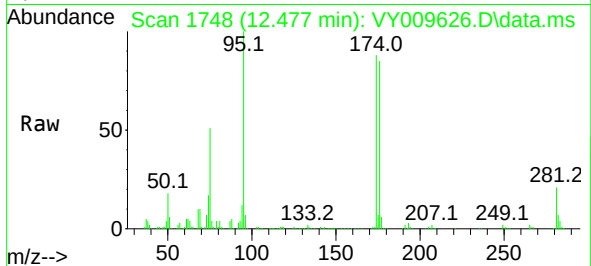




#76
1,2,3-Trichloropropane
Concen: 37.448 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

Tgt Ion: 75 Resp: 48637
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.840 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009626.D
Acq: 21 Jul 2022 12:14

Tgt Ion: 75 Resp: 48637
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

