

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009615.D
 Acq On : 20 Jul 2022 16:18
 Operator : KP/MD
 Sample : N3726-01
 Misc : 6.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HL-12-12.5

Quant Time: Jul 21 02:14:41 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)

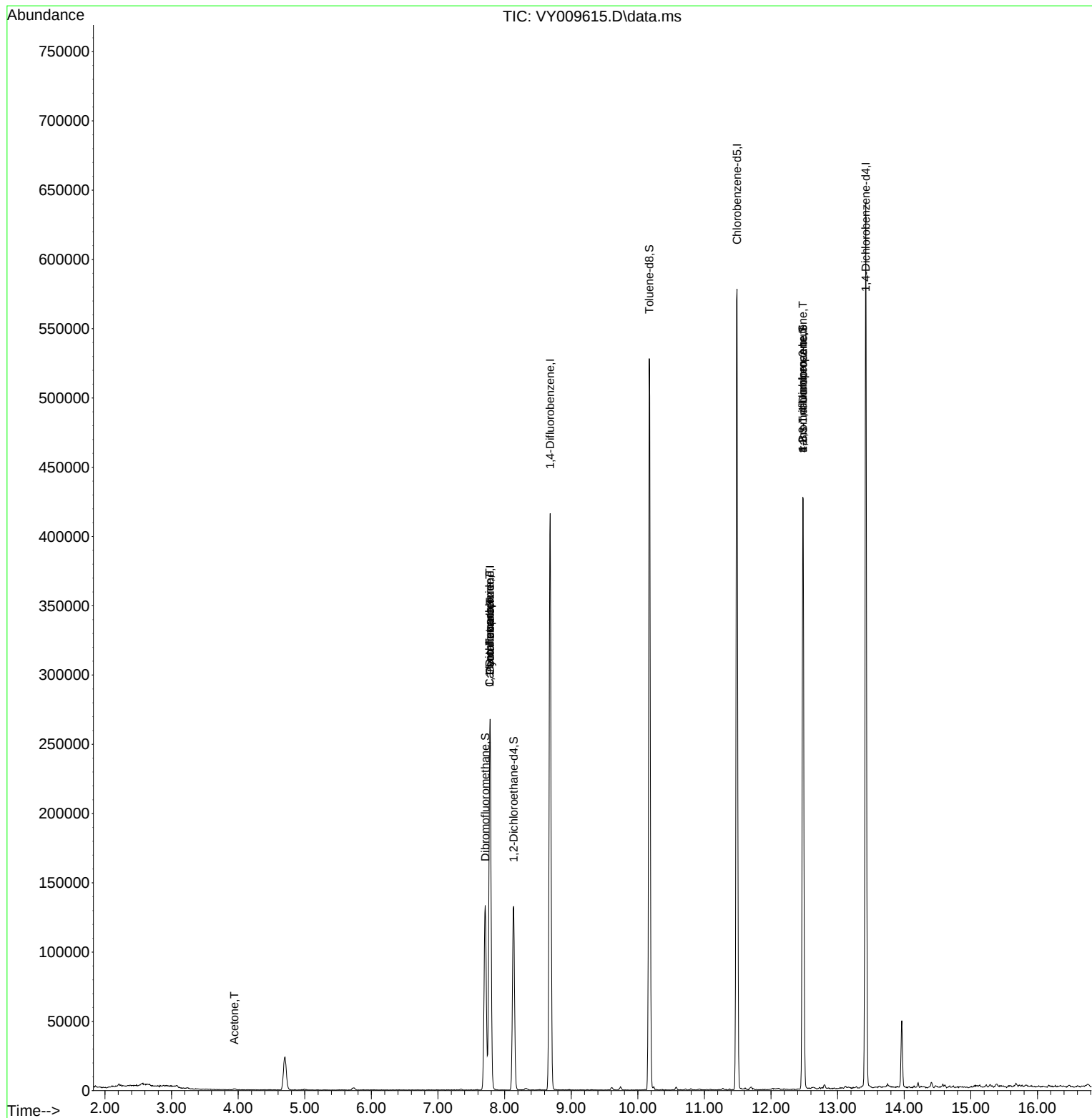
Internal Standards						
1) Pentafluorobenzene	7.783	168	220377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101412	48.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.320%
35) Dibromofluoromethane	7.710	113	96074	41.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.760%
50) Toluene-d8	10.173	98	345513	38.712	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	77.420%#
62) 4-Bromofluorobenzene	12.477	95	118849	41.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	82.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	278	Below Cal	#	77
16) Acetone	3.942	43	1408	2.670	ug/l #	78
20) Methylene Chloride	4.704	84	19101	Below Cal	#	81
31) Cyclohexane	7.783	56	3847	1.047	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	14464	4.216	ug/l #	50
38) Carbon Tetrachloride	7.777	117	19835	5.523	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	59891	37.684	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59891	74.305	ug/l #	7

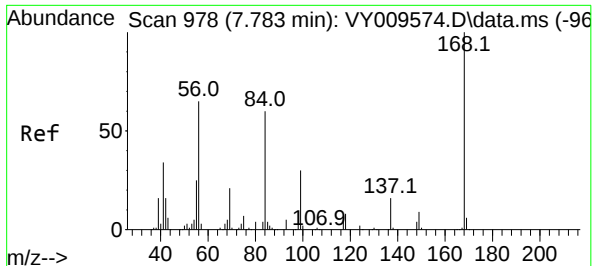
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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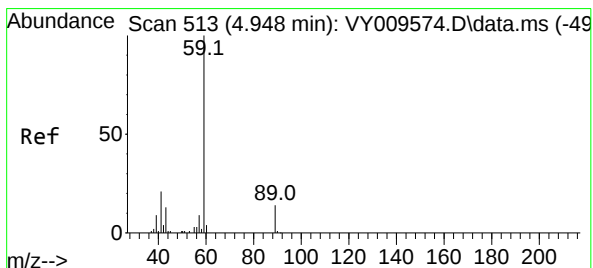
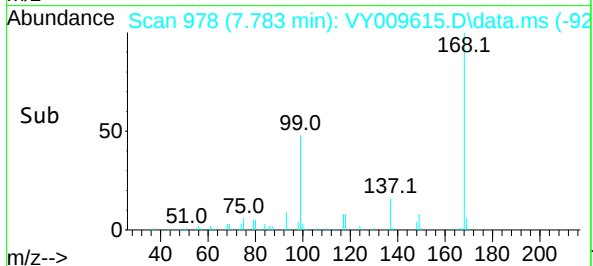
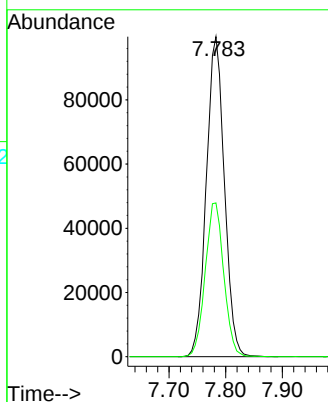
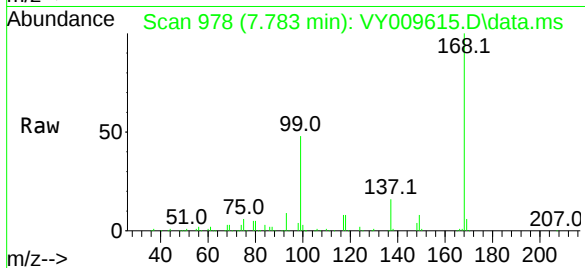




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

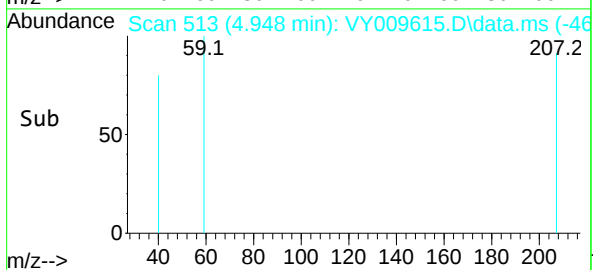
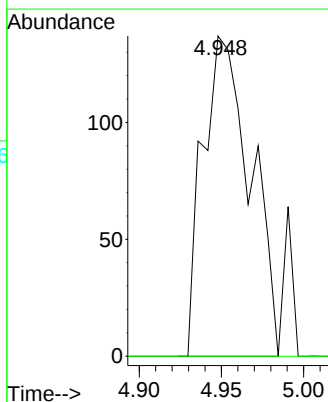
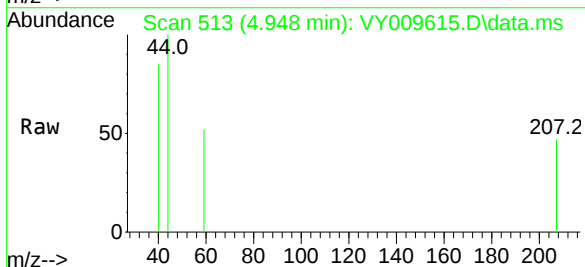
Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

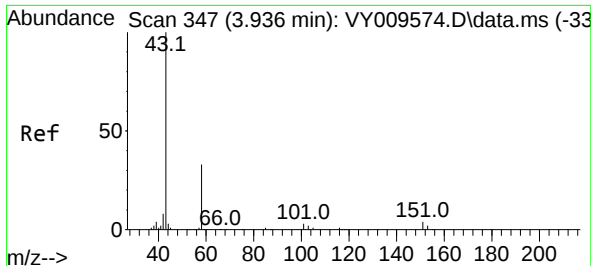
Tgt Ion:168 Resp: 220377
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

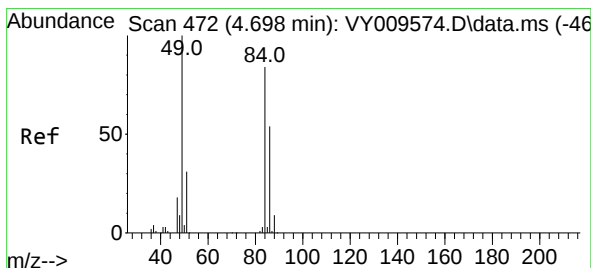
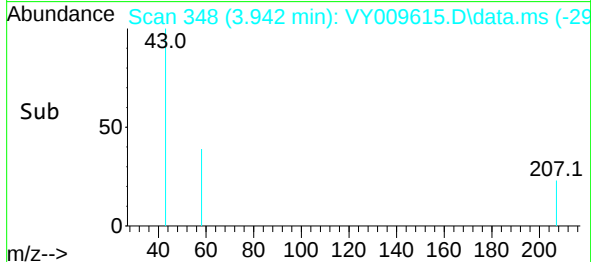
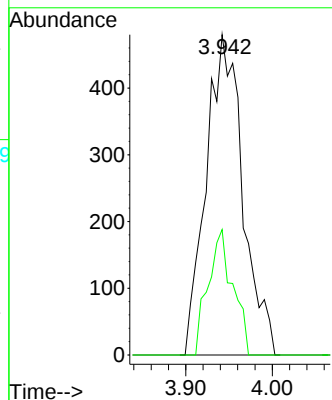
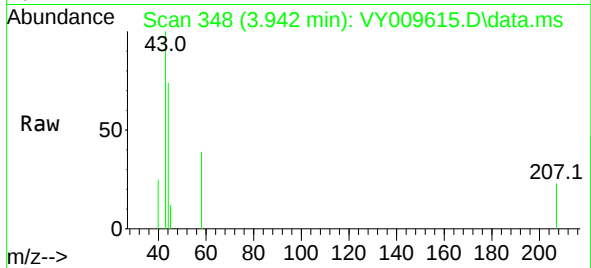




#16
Acetone
Concen: 2.670 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

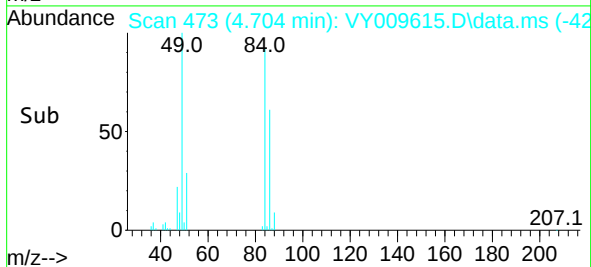
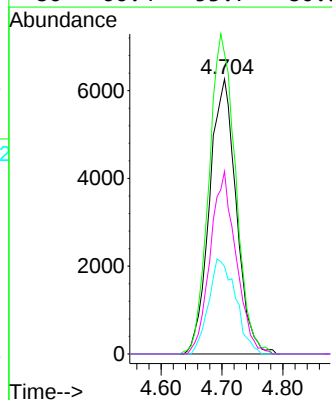
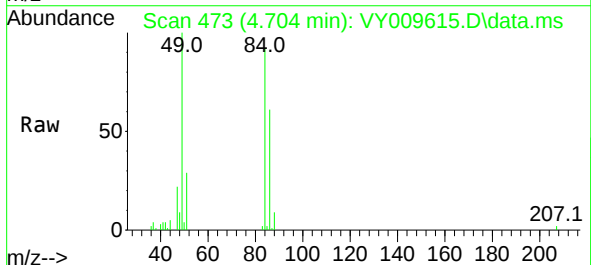
Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

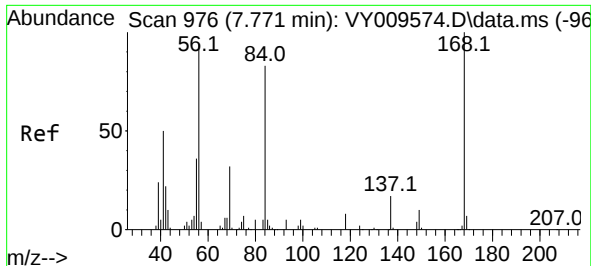
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 39.2 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Tgt Ion: 84 Resp: 19101
Ion Ratio Lower Upper
84 100
49 109.2 114.4 171.6#
51 31.8 35.3 52.9#
86 66.4 53.7 80.5

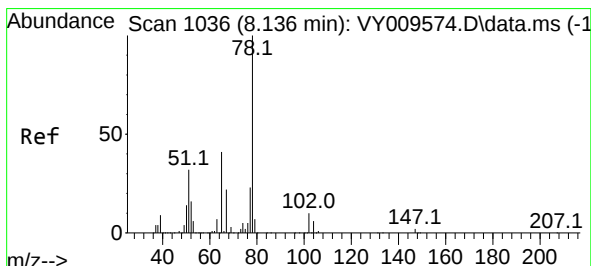
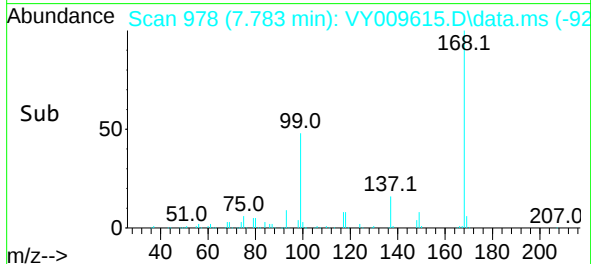
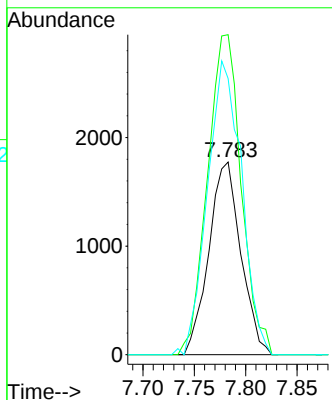
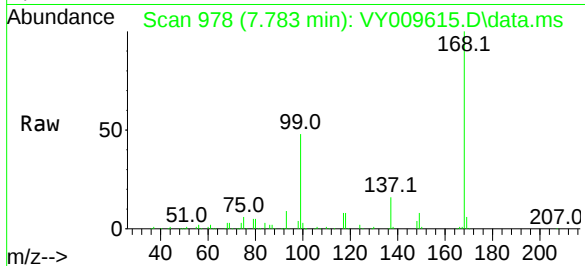




#31
Cyclohexane
Concen: 1.047 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

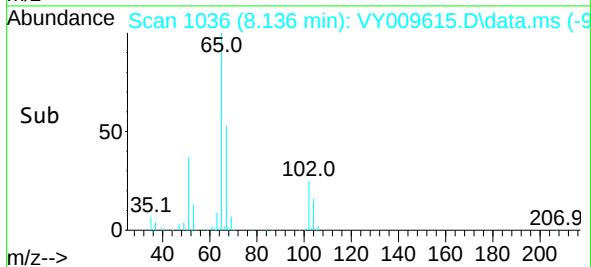
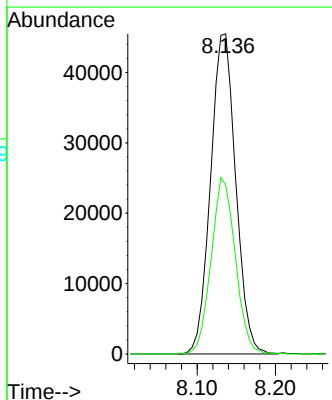
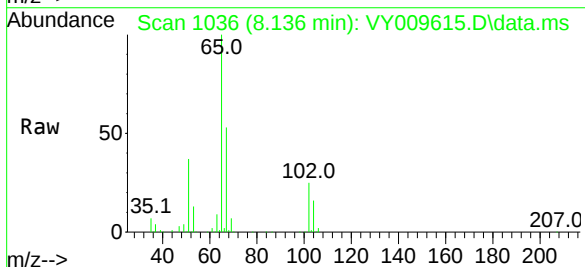
Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

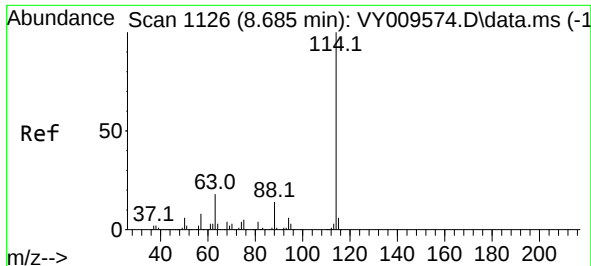
Tgt Ion: 56 Resp: 3847
Ion Ratio Lower Upper
56 100
69 166.0 26.7 40.1#
84 143.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.657 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Tgt Ion: 65 Resp: 101412
Ion Ratio Lower Upper
65 100
67 53.2 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: VY009615.D

Acq: 20 Jul 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

HL-12-12.5

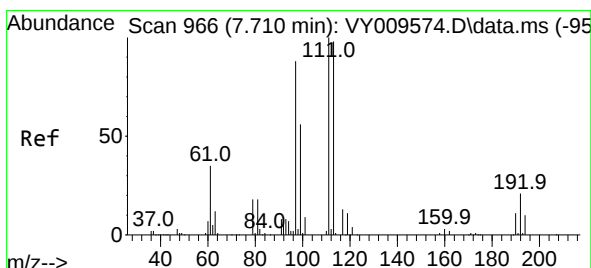
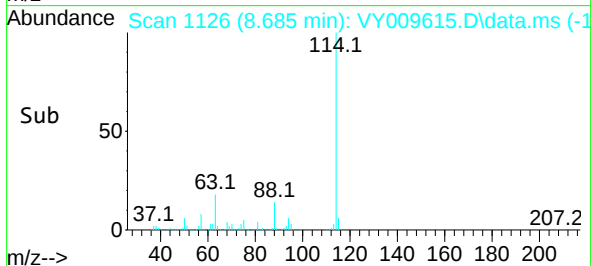
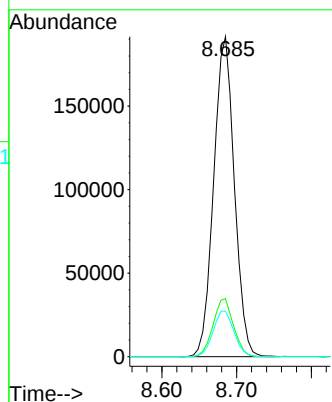
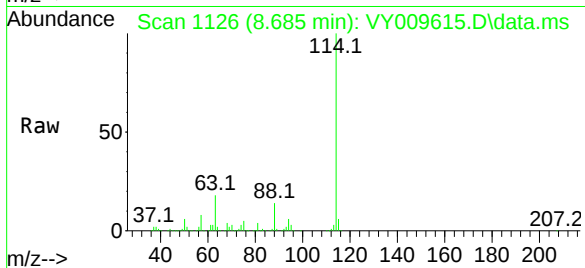
Tgt Ion:114 Resp: 368519

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.382 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009615.D

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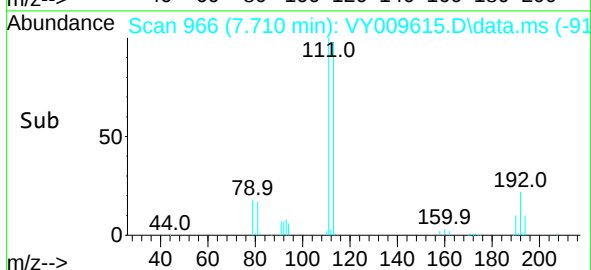
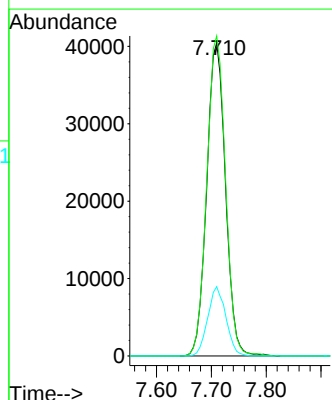
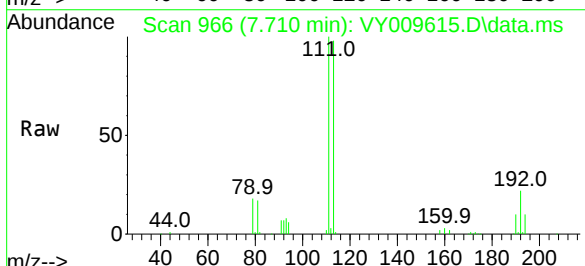
Tgt Ion:113 Resp: 96074

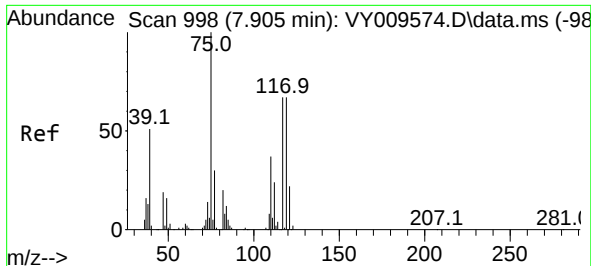
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 21.4 17.6 26.4

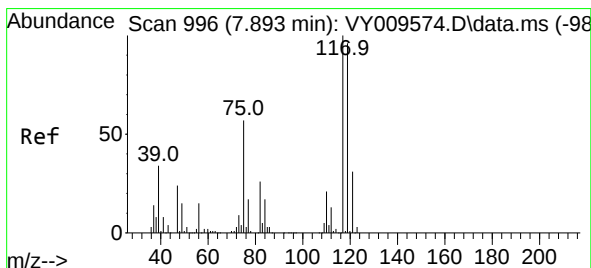
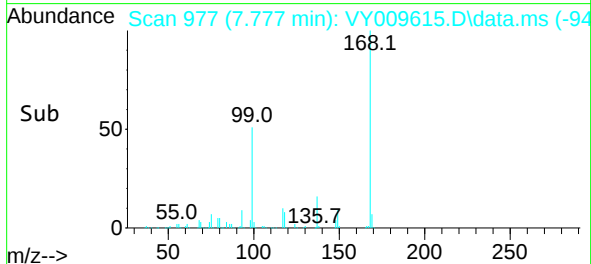
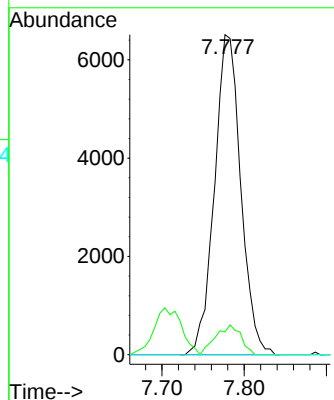
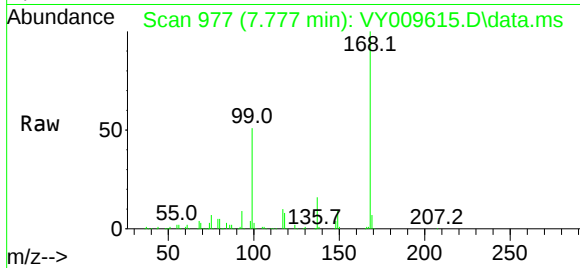




#36
1,1-Dichloropropene
Concen: 4.216 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

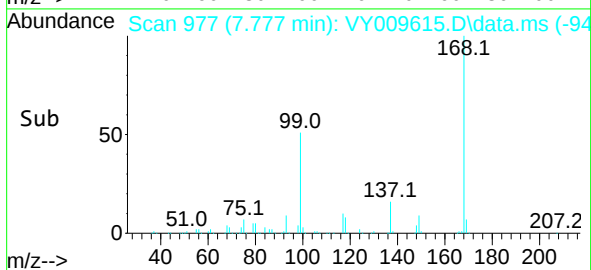
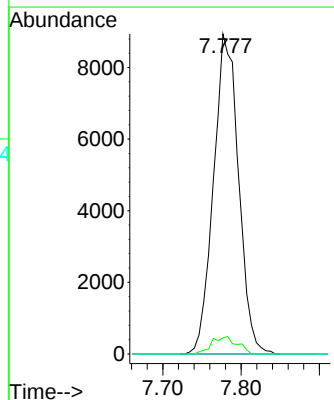
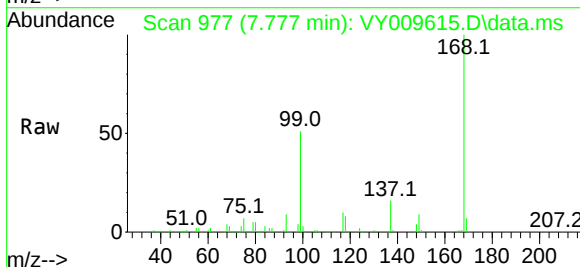
Instrument :
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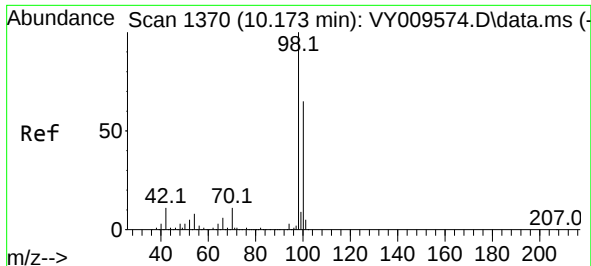
Tgt Ion: 75 Resp: 14464
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Tgt Ion: 117 Resp: 19835
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

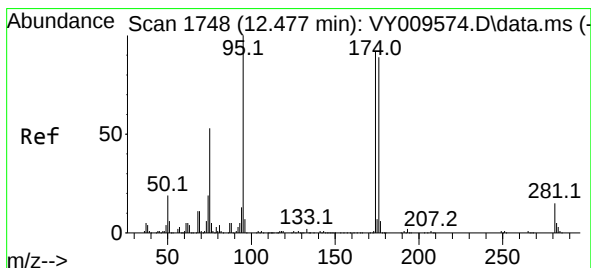
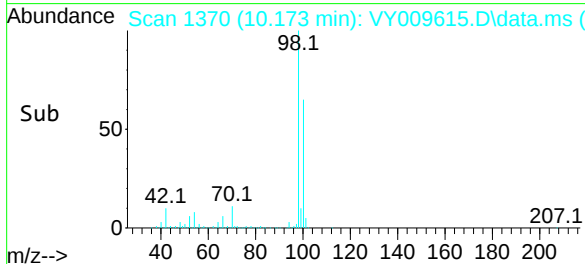
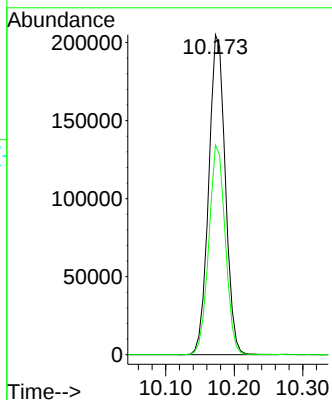
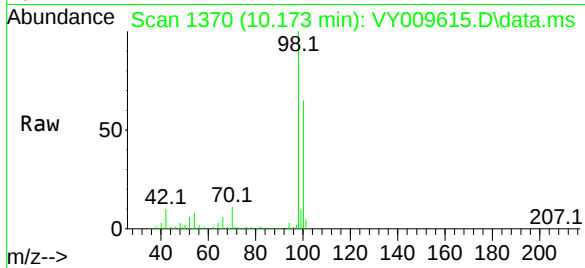




#50
Toluene-d8
Concen: 38.712 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

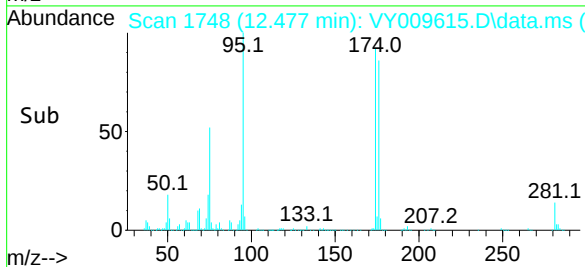
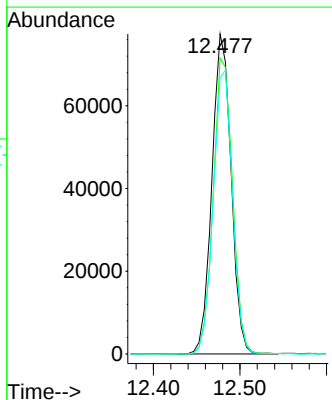
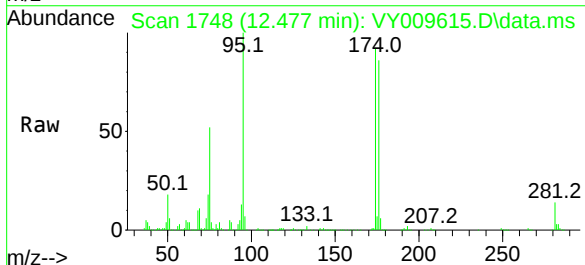
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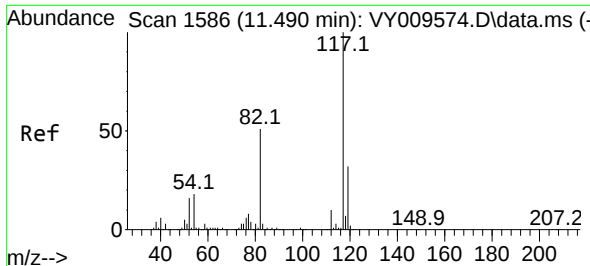
Tgt Ion: 98 Resp: 345513
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.096 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Tgt Ion: 95 Resp: 118849
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 89.5 0.0 175.8

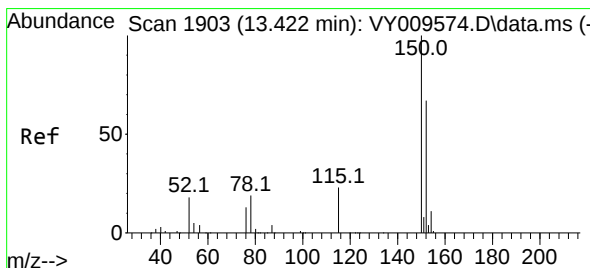
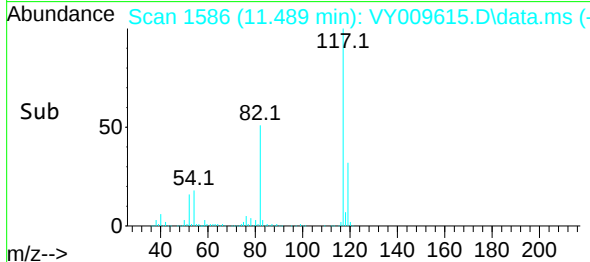
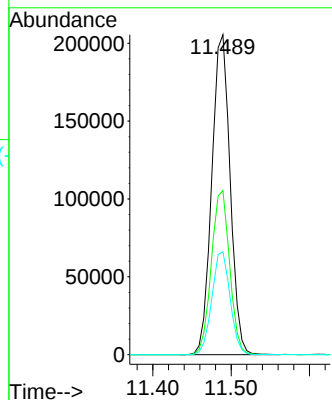
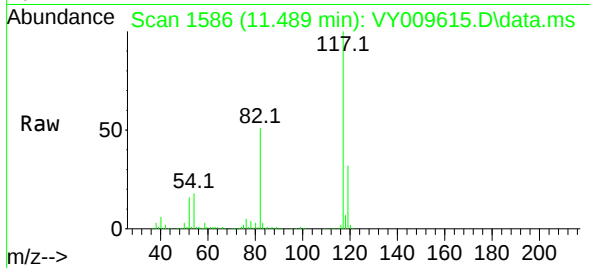




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

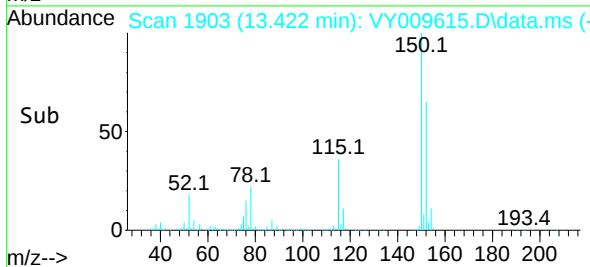
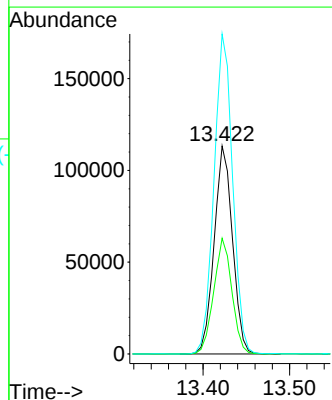
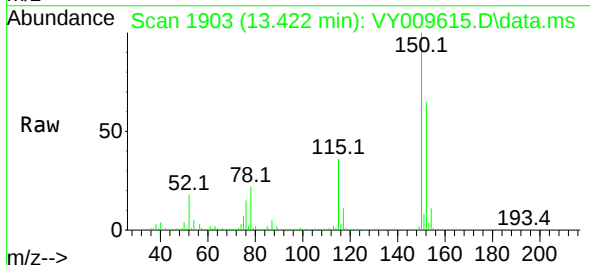
Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

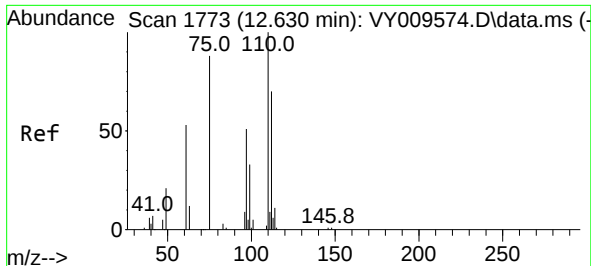
Tgt Ion:117 Resp: 334628
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Tgt Ion:152 Resp: 166835
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 156.2 0.0 347.6

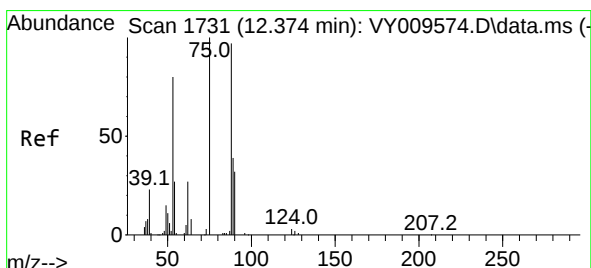
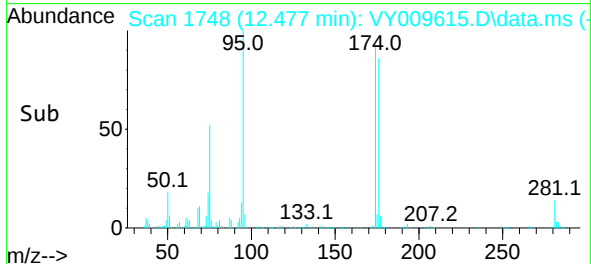
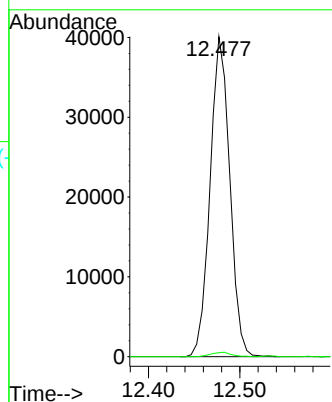
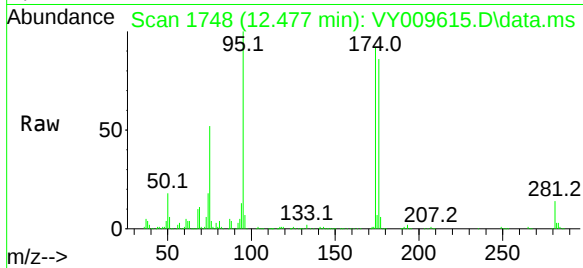




#76
1,2,3-Trichloropropane
Concen: 37.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
HL-12-12.5

Tgt Ion: 75 Resp: 59891
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.305 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009615.D
Acq: 20 Jul 2022 16:18

Tgt Ion: 75 Resp: 59891
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.3 37.0 55.4#

