

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008975.D
 Acq On : 22 May 2022 02:41
 Operator : KP/MD
 Sample : N2887-08
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P038-SS001-0612-01

Quant Time: May 22 04:48:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

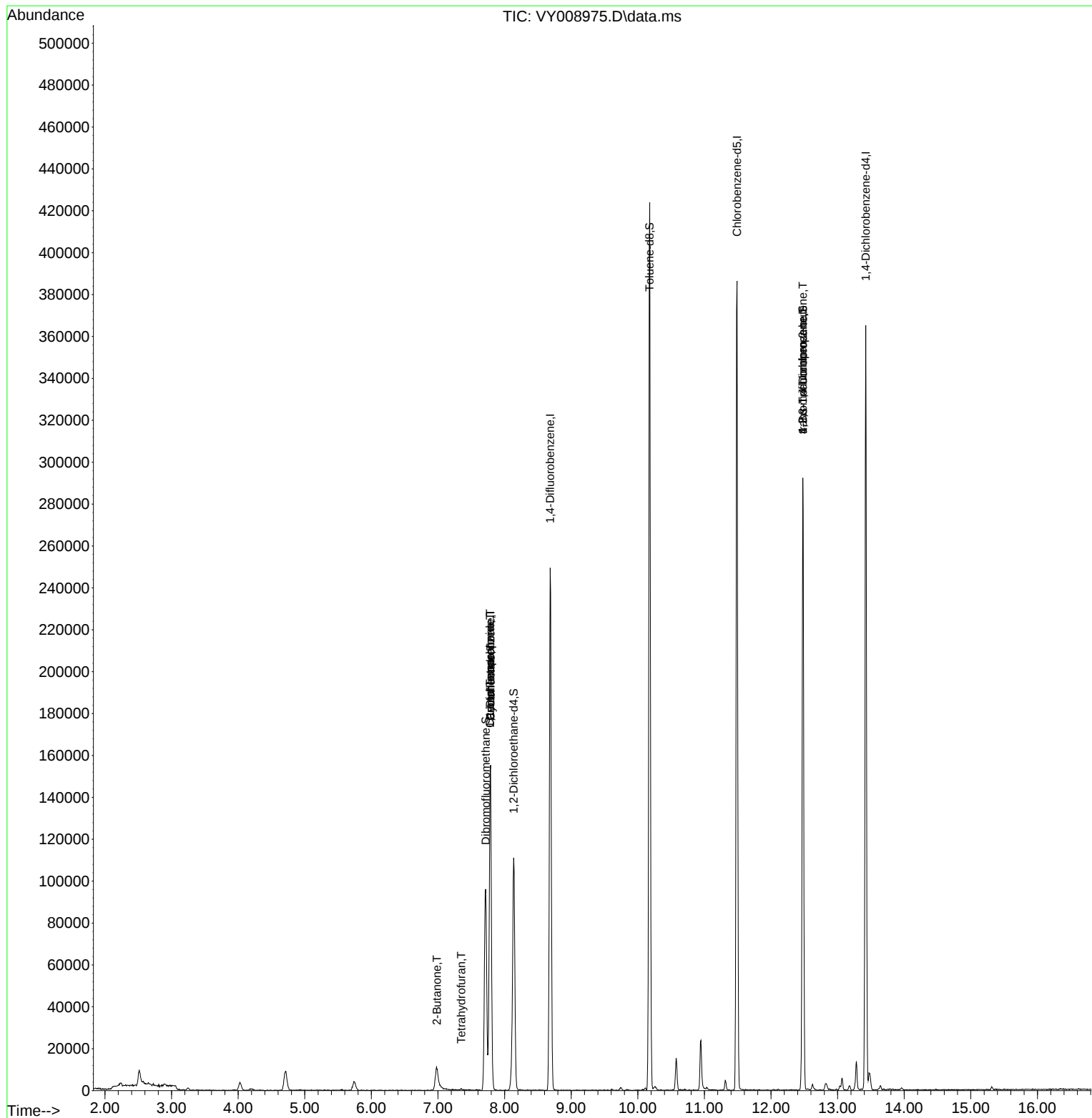
Internal Standards						
1) Pentafluorobenzene	7.789	168	116101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78365	65.583	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	=	131.160%	
35) Dibromofluoromethane	7.716	113	68464	52.539	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	=	105.080%	
50) Toluene-d8	10.179	98	265201	55.165	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	=	110.340%	
62) 4-Bromofluorobenzene	12.477	95	75556	38.961	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	=	77.920%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	6731	Below Cal	#	82
25) 2-Butanone	6.984	43	694	1.562	ug/l #	54
29) Tetrahydrofuran	7.350	42	403	1.335	ug/l #	70
31) Cyclohexane	7.789	56	2976	1.273	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	10336	4.661	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12043	5.191	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	45831	50.099	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45831	102.829	ug/l #	8

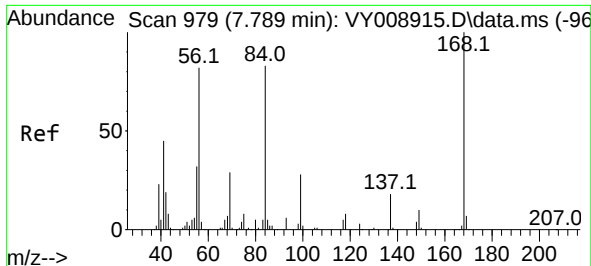
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P038-SS001-0612-01

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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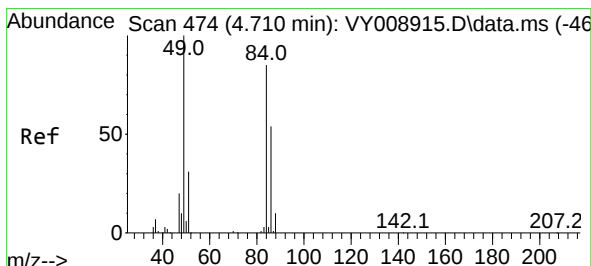
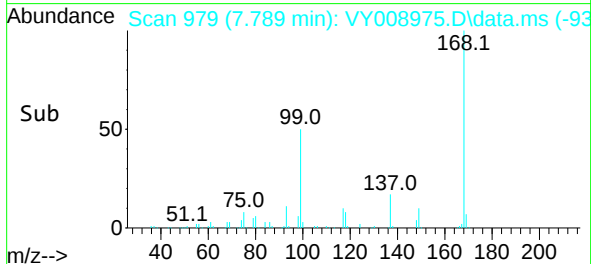
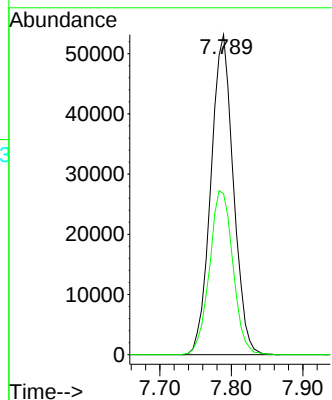
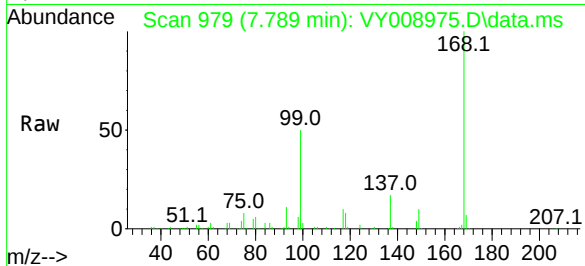




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

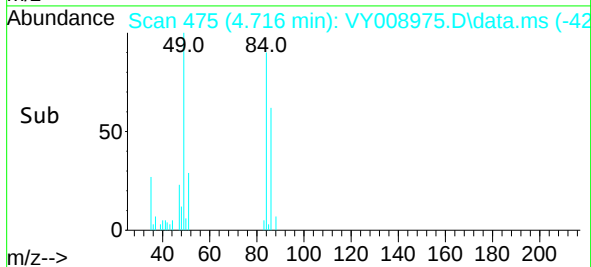
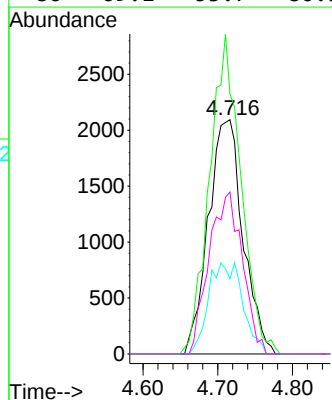
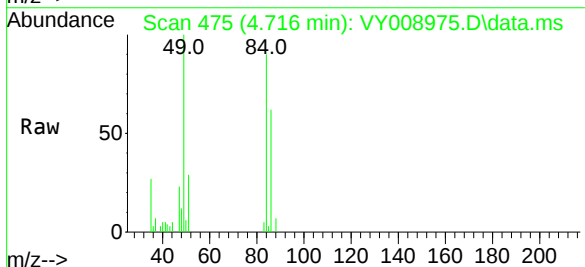
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0612-01

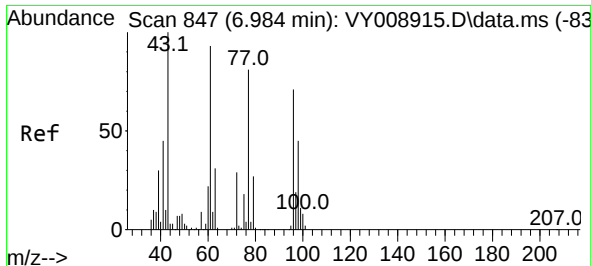
Tgt Ion:168 Resp: 116101
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion: 84 Resp: 6731
Ion Ratio Lower Upper
84 100
49 111.0 114.4 171.6#
51 32.1 35.3 52.9#
86 69.1 53.7 80.5





#25

2-Butanone

Concen: 1.562 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY008975.D

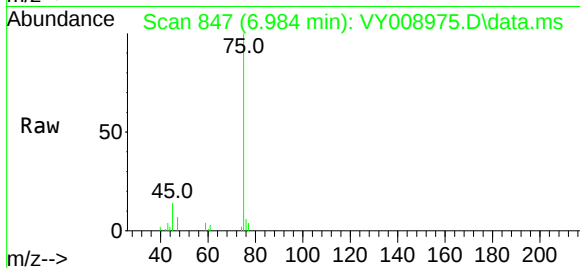
Acq: 22 May 2022 02:41

Instrument :

MSVOA_Y

ClientSampleId :

P038-SS001-0612-01

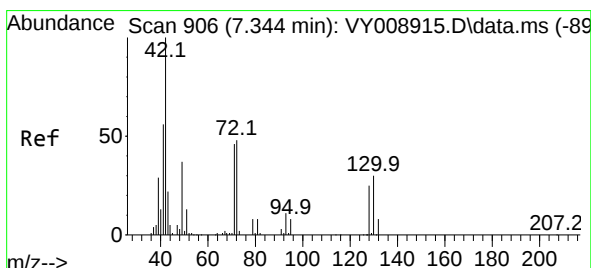
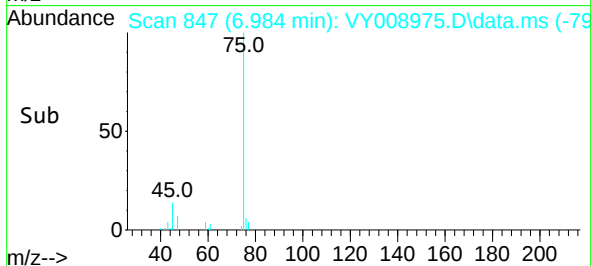
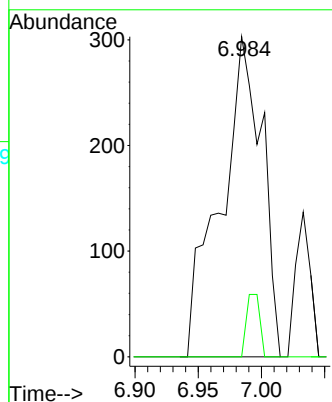


Tgt Ion: 43 Resp: 694

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.335 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY008975.D

Acq: 22 May 2022 02:41

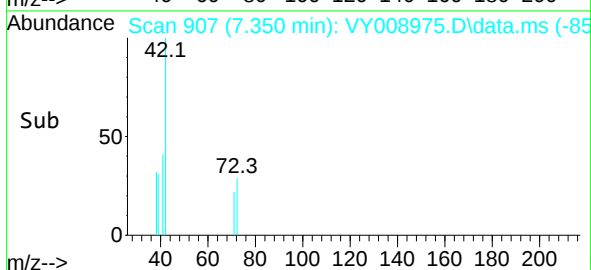
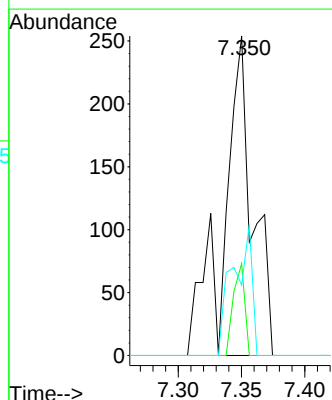
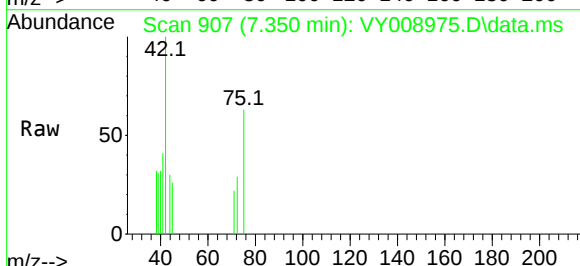
Tgt Ion: 42 Resp: 403

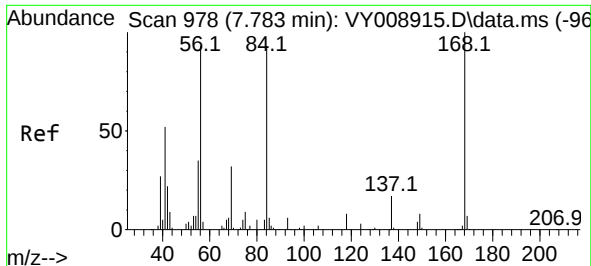
Ion Ratio Lower Upper

42 100

72 11.2 30.3 45.5#

71 26.8 29.0 43.4#

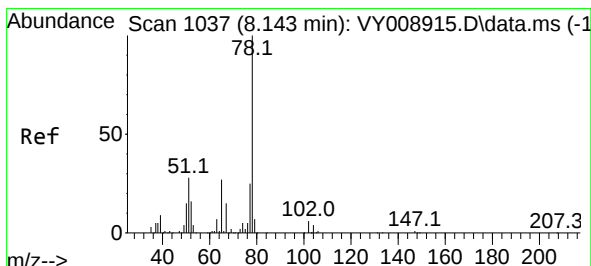
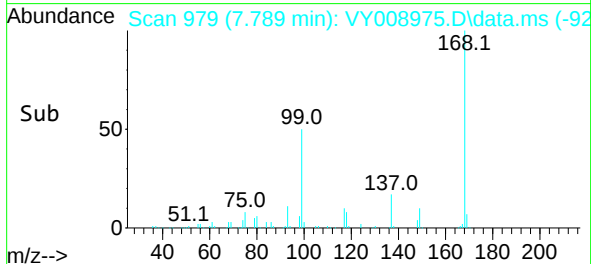
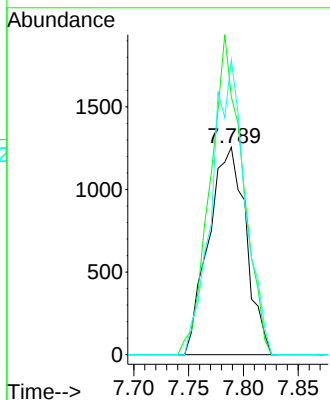
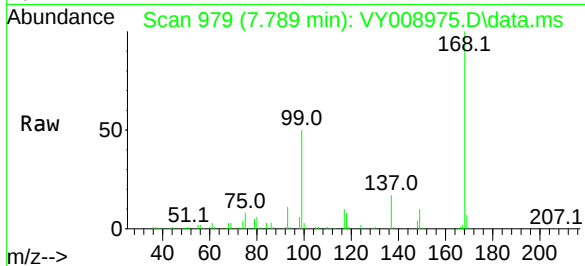




#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

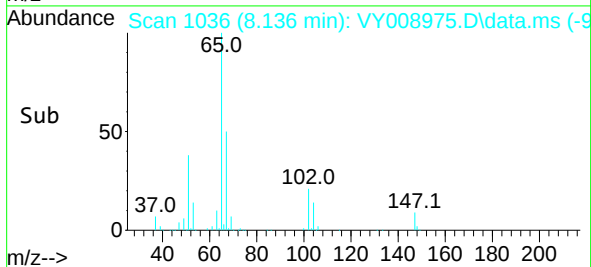
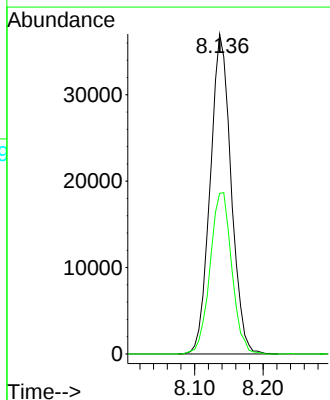
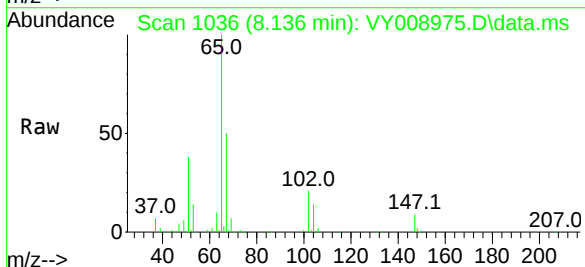
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0612-01

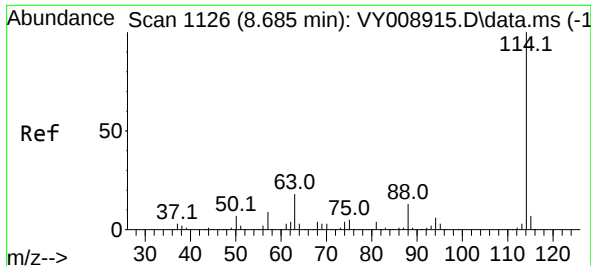
Tgt Ion: 56 Resp: 2976
Ion Ratio Lower Upper
56 100
69 124.4 26.7 40.1#
84 142.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.583 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion: 65 Resp: 78365
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

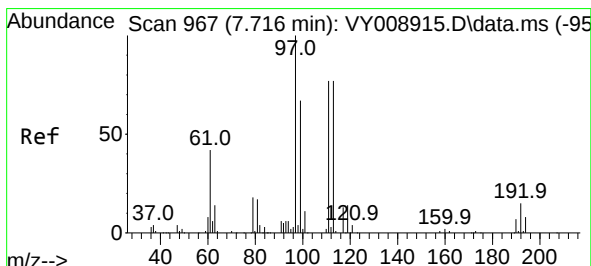
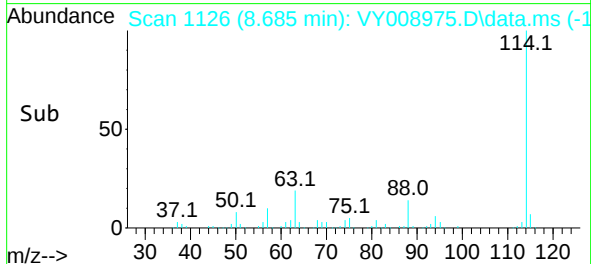
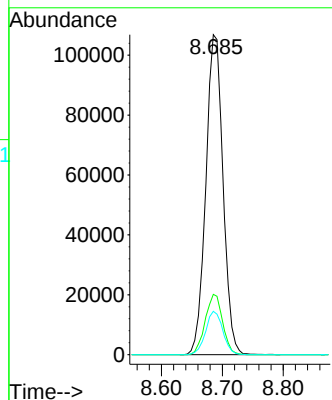
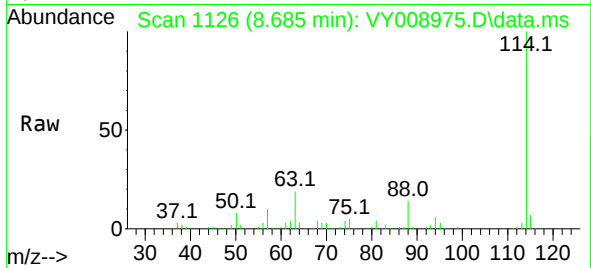




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

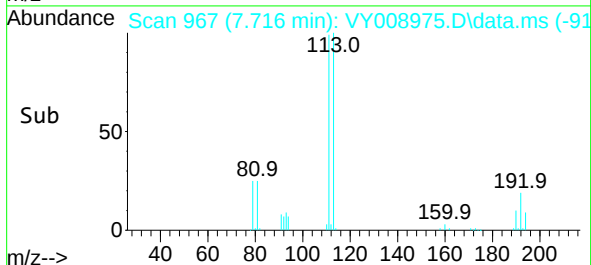
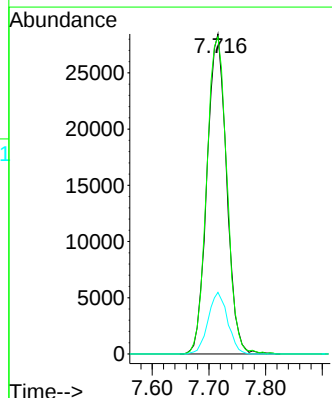
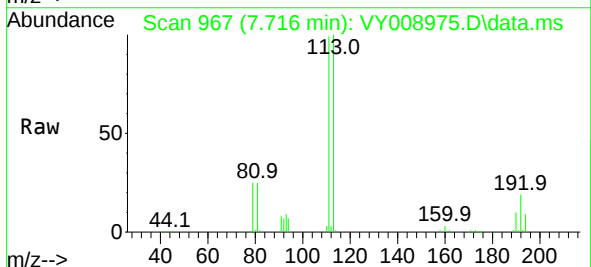
Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0612-01

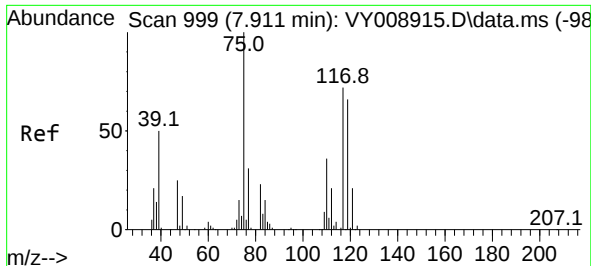
Tgt Ion:114 Resp: 209558
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 13.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.539 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

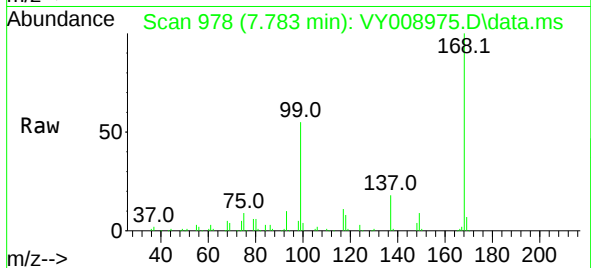
Tgt Ion:113 Resp: 68464
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 19.1 17.6 26.4



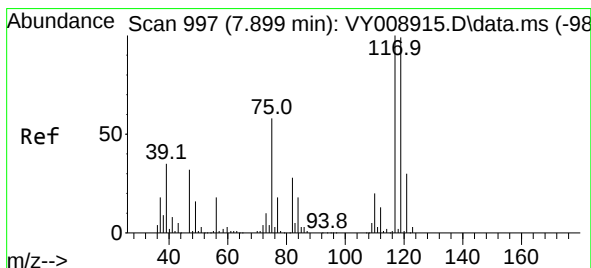
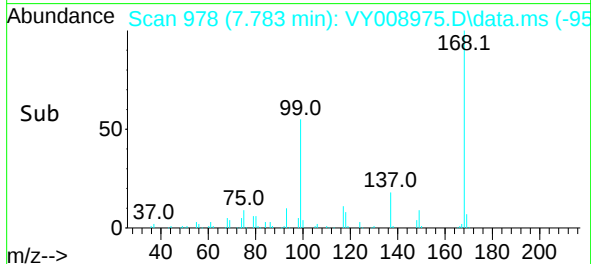
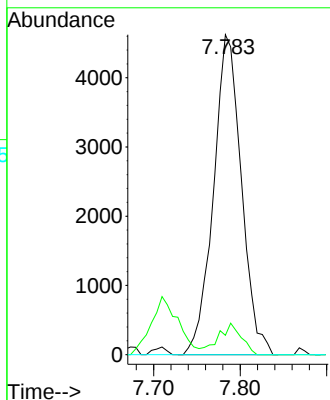


#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0612-01

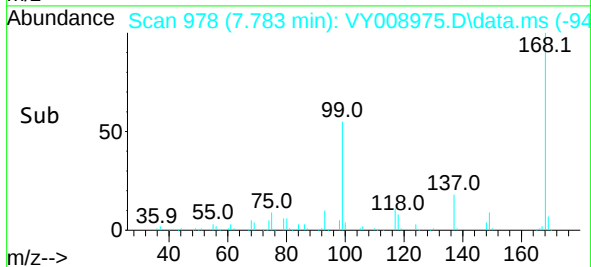
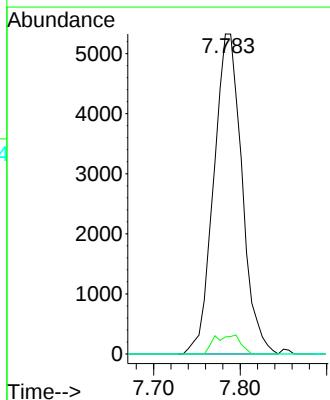
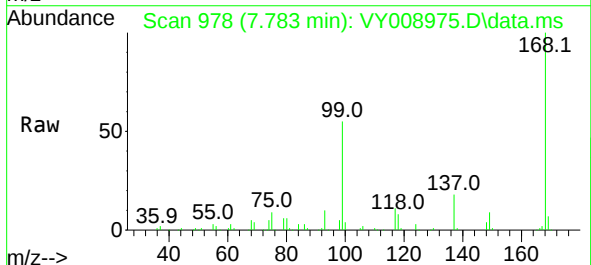


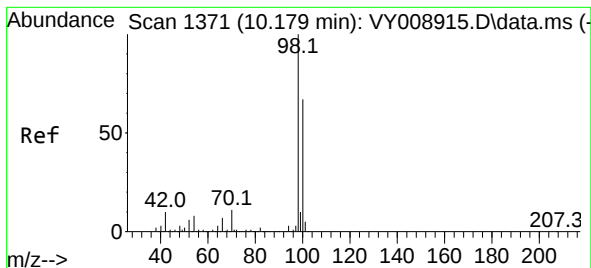
Tgt Ion: 75 Resp: 10336
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.191 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion: 117 Resp: 12043
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#

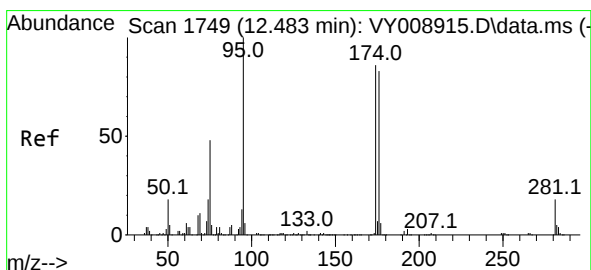
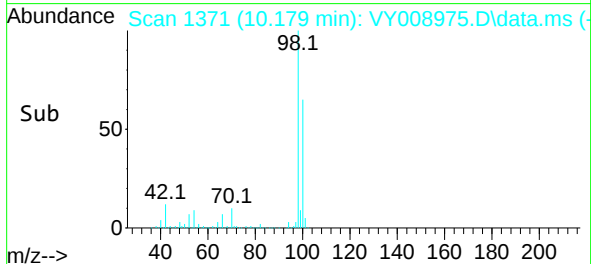
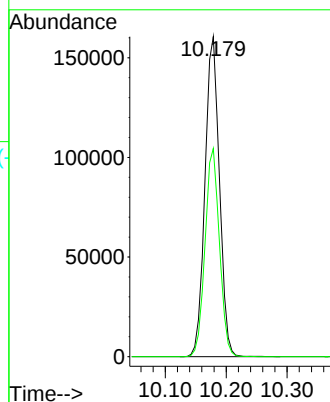
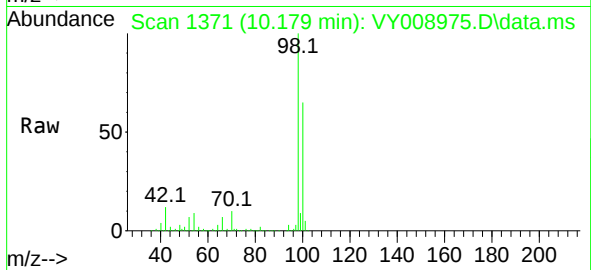




#50
Toluene-d8
Concen: 55.165 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

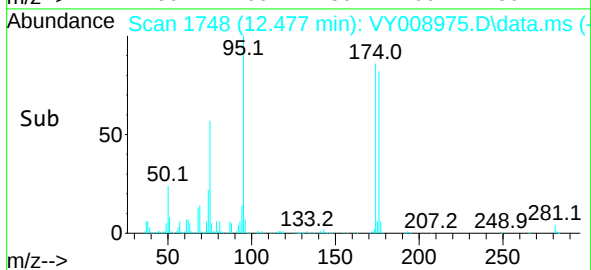
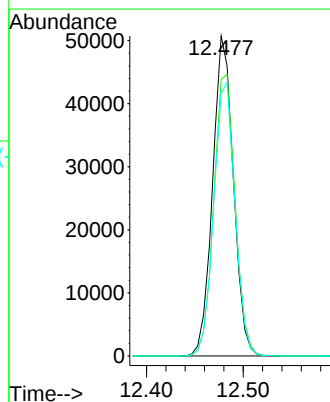
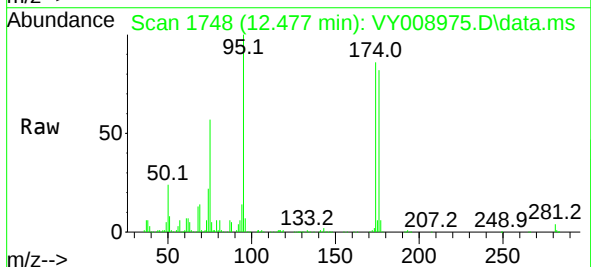
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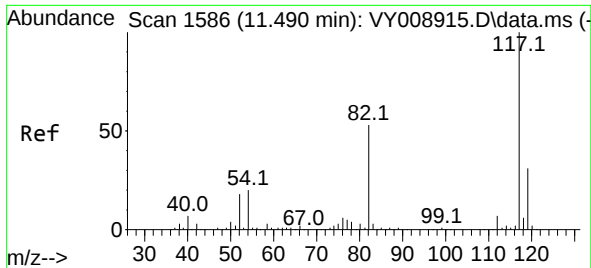
Tgt Ion: 98 Resp: 265201
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.961 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion: 95 Resp: 75556
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.5 0.0 175.8

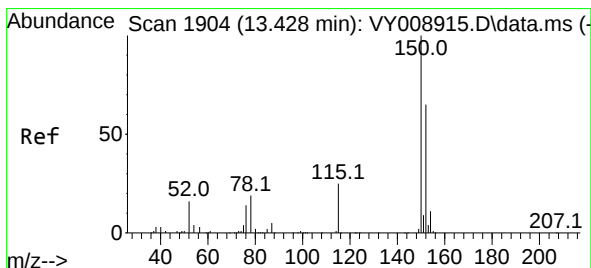
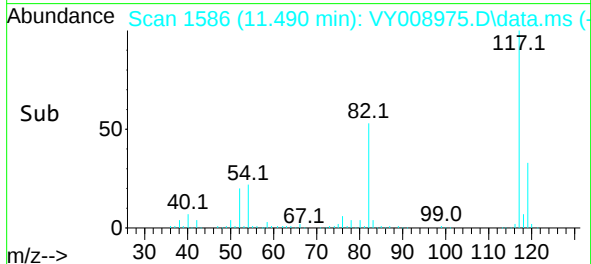
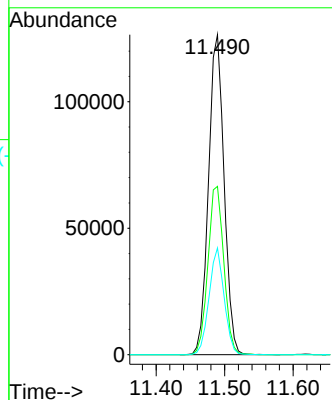
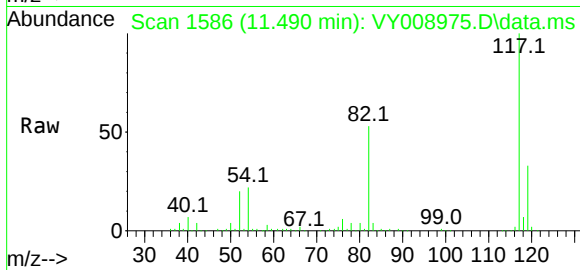




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

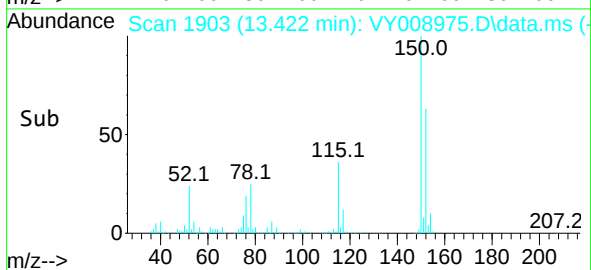
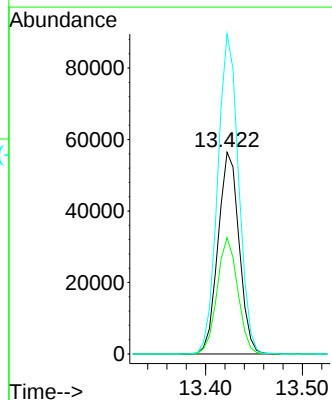
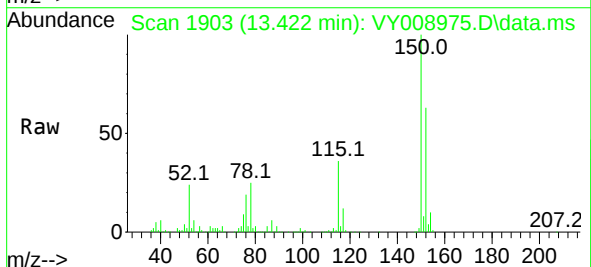
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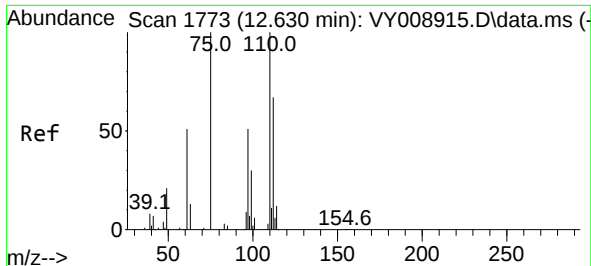
Tgt Ion:117 Resp: 199950
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion:152 Resp: 85187
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 157.4 0.0 347.6

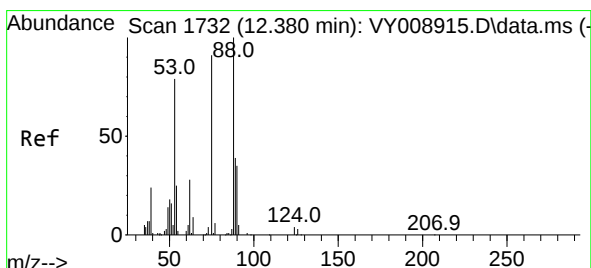
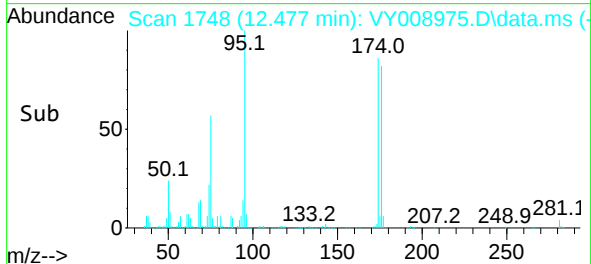
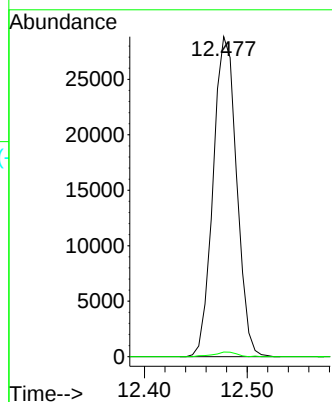
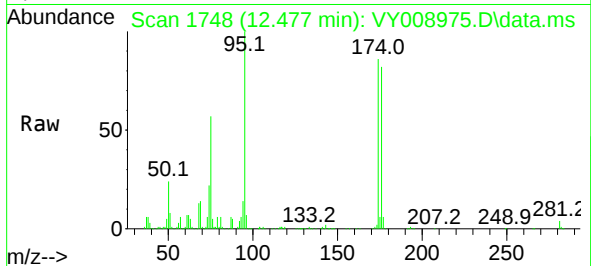




#76
1,2,3-Trichloropropane
Concen: 50.099 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Instrument :
MSVOA_Y
ClientSampleId :
P038-SS001-0612-01

Tgt Ion: 75 Resp: 45831
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.829 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008975.D
Acq: 22 May 2022 02:41

Tgt Ion: 75 Resp: 45831
Ion Ratio Lower Upper
75 100
53 0.5 85.3 127.9#
89 0.0 37.0 55.4#

