

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009001.D
 Acq On : 23 May 2022 13:11
 Operator : KP/MD
 Sample : N2939-05
 Misc : 6.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3

Quant Time: May 24 01:47:08 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)

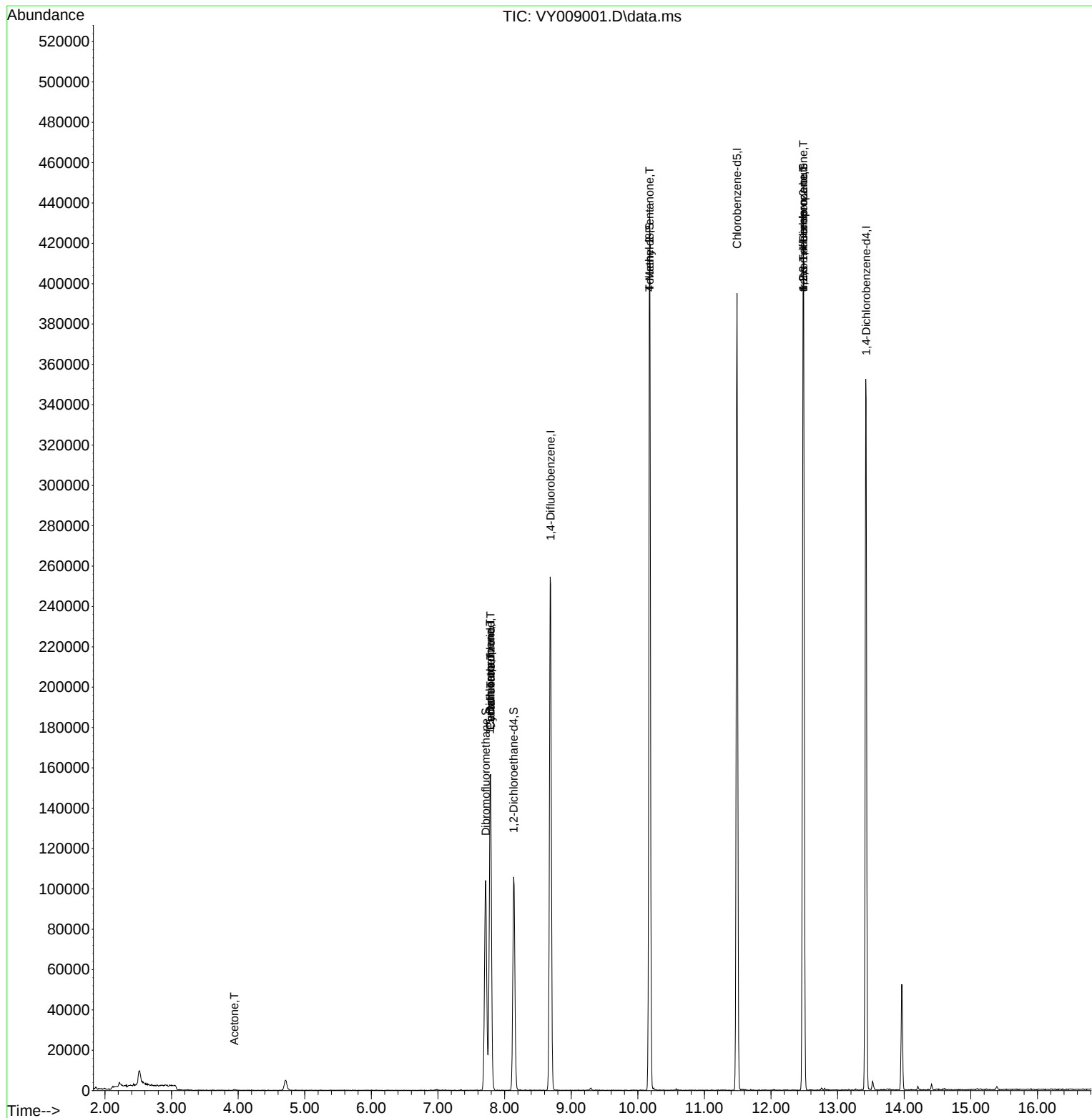
Internal Standards						
1) Pentafluorobenzene	7.789	168	120663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78101	62.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.780%	
35) Dibromofluoromethane	7.716	113	69582	51.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.260%	
50) Toluene-d8	10.179	98	274269	55.161	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.320%	
62) 4-Bromofluorobenzene	12.483	95	79859	39.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.640%	
Target Compounds						Qvalue
16) Acetone	3.942	43	718	2.778	ug/l #	47
20) Methylene Chloride	4.704	84	3481	Below Cal		84
31) Cyclohexane	7.789	56	2978	1.226	ug/l #	45
36) 1,1-Dichloropropene	7.783	75	10468	4.564	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12030	5.014	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1267	1.035	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47224	51.925	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47224	106.576	ug/l #	8

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

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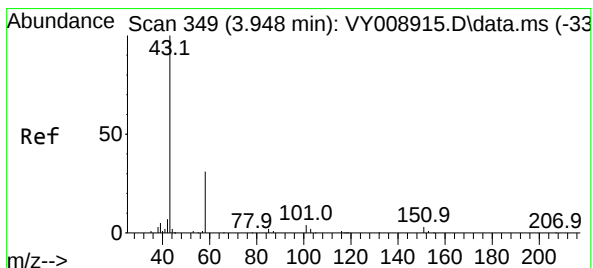
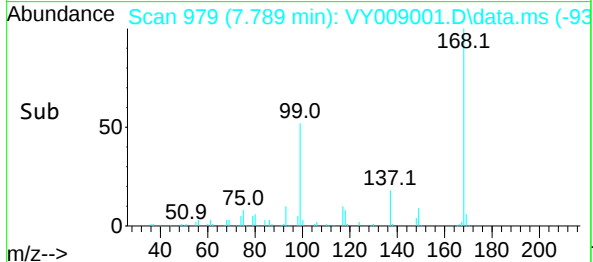
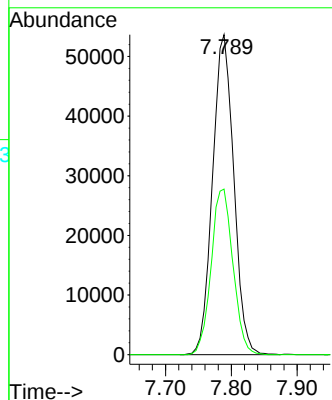
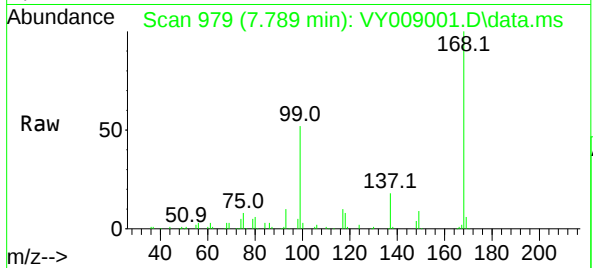




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

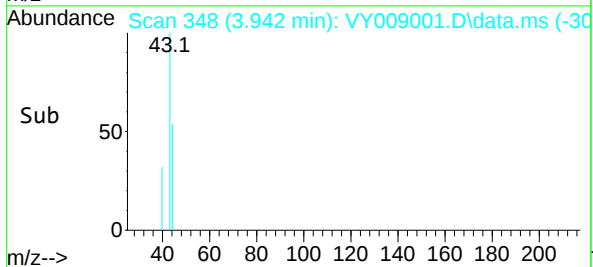
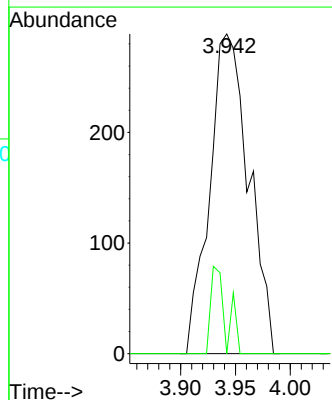
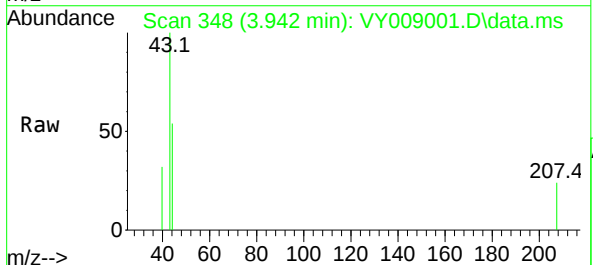
Instrument :
MSVOA_Y
ClientSampleId :
B3

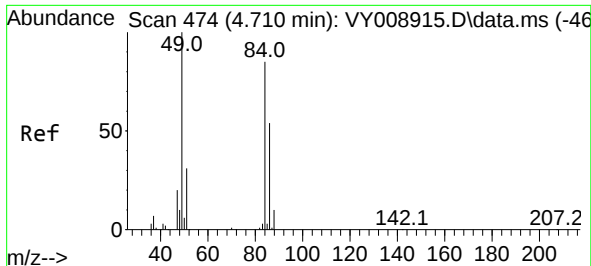
Tgt Ion:168 Resp: 120663
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#16
Acetone
Concen: 2.778 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



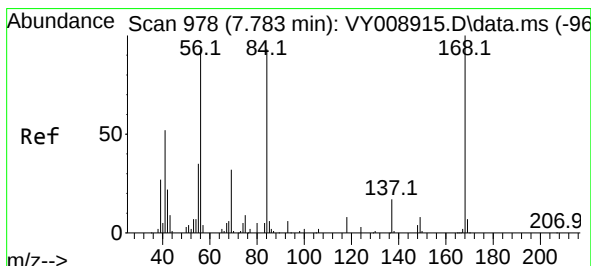
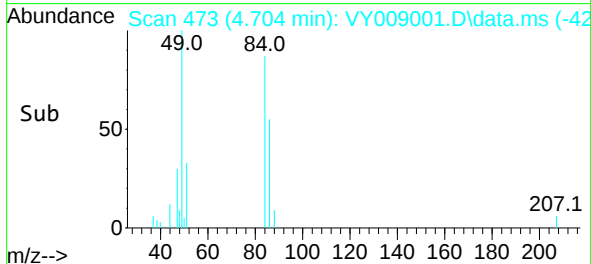
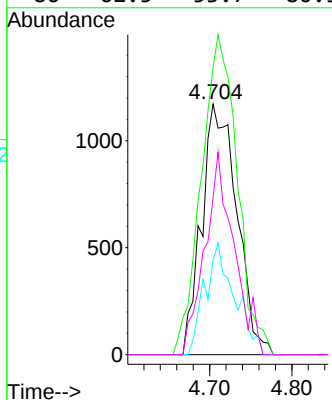
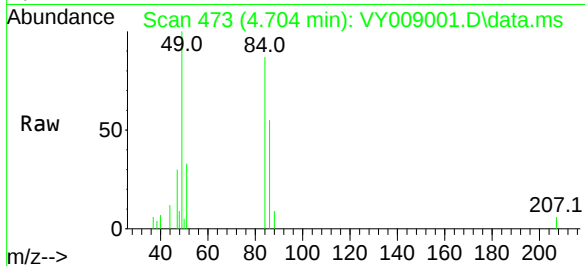


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

Instrument :
MSVOA_Y
ClientSampleId :
B3

Tgt Ion: 84 Resp: 3481

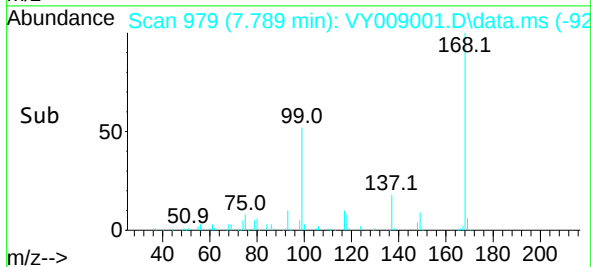
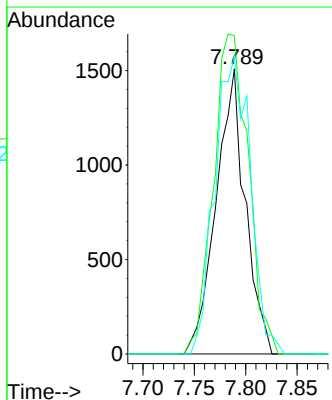
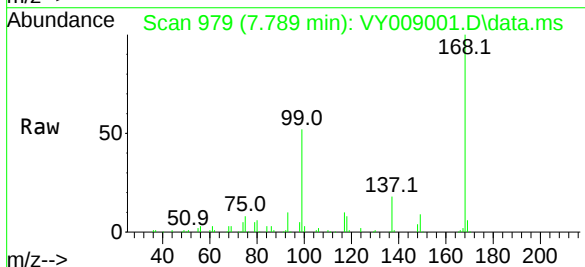
Ion	Ratio	Lower	Upper
84	100		
49	114.4	114.4	171.6
51	37.6	35.3	52.9
86	62.5	53.7	80.5

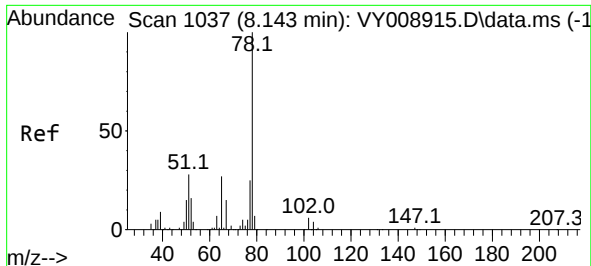


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

Tgt Ion: 56 Resp: 2978

Ion	Ratio	Lower	Upper
56	100		
69	111.7	26.7	40.1#
84	104.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.891 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009001.D

Acq: 23 May 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

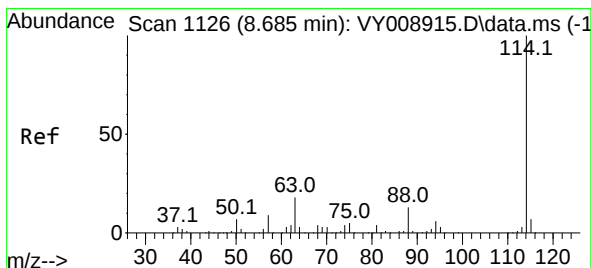
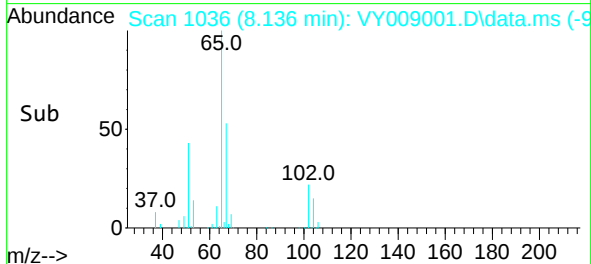
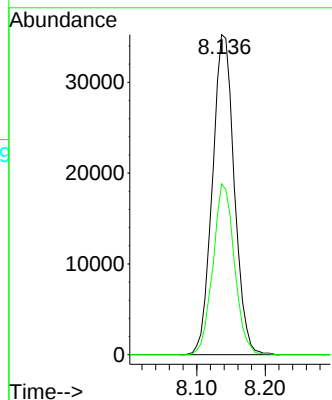
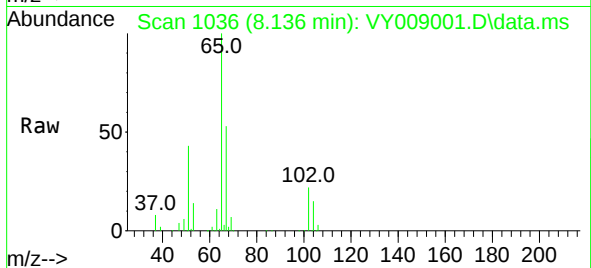
B3

Tgt Ion: 65 Resp: 78101

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009001.D

Acq: 23 May 2022 13:11

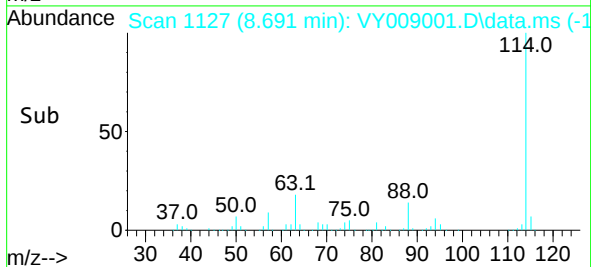
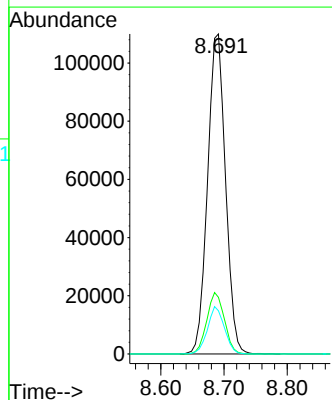
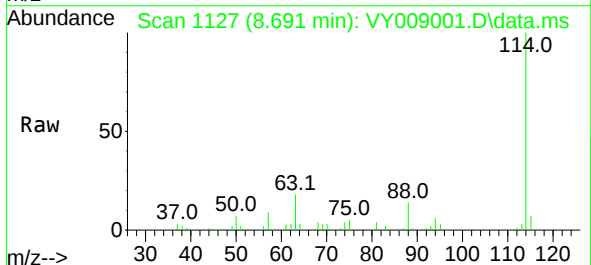
Tgt Ion: 114 Resp: 216742

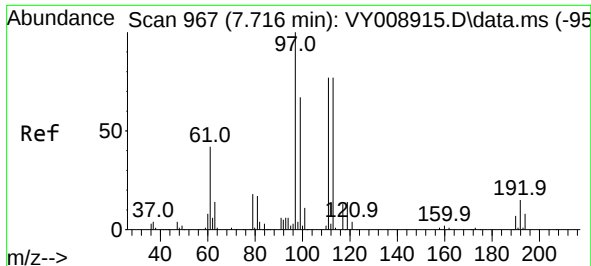
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.5 0.0 31.8

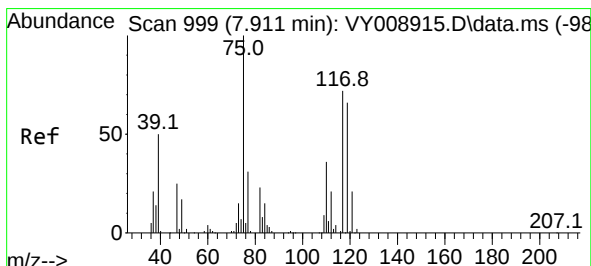
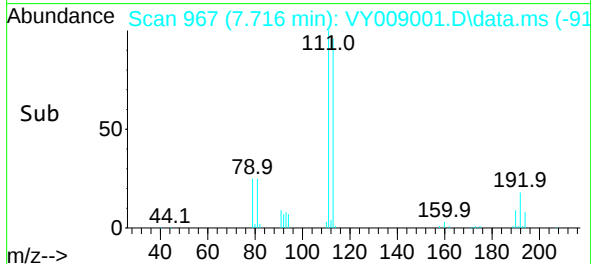
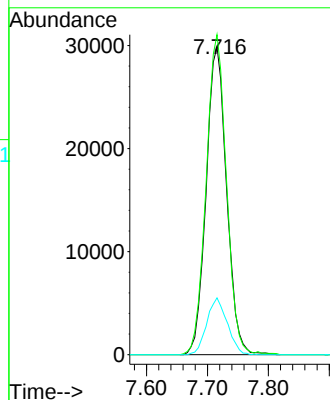
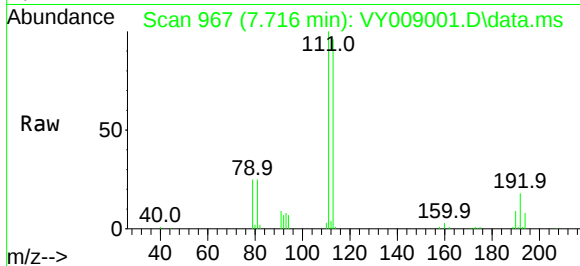




#35
Dibromofluoromethane
Concen: 51.627 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

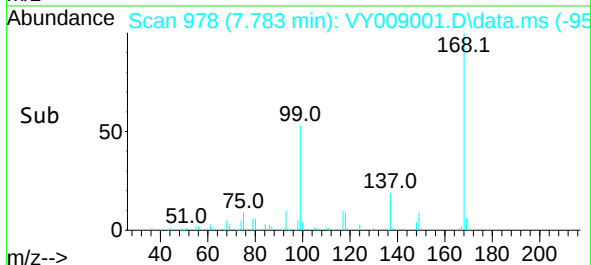
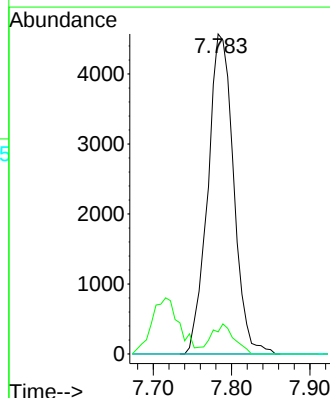
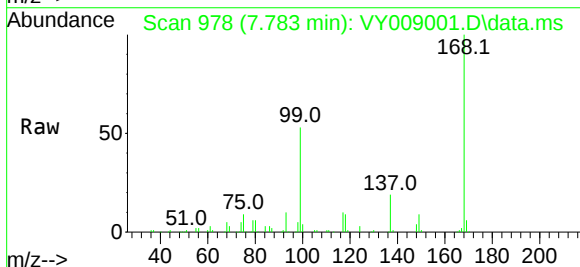
Instrument :
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ClientSampleId :
B3

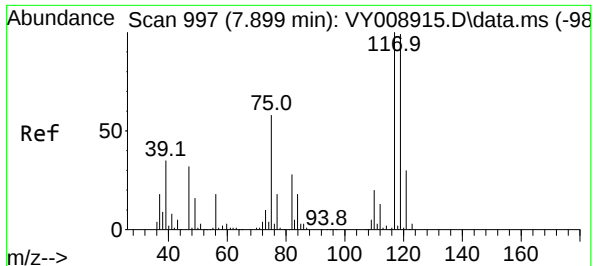
Tgt Ion:113 Resp: 69582
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

Tgt Ion: 75 Resp: 10468
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#

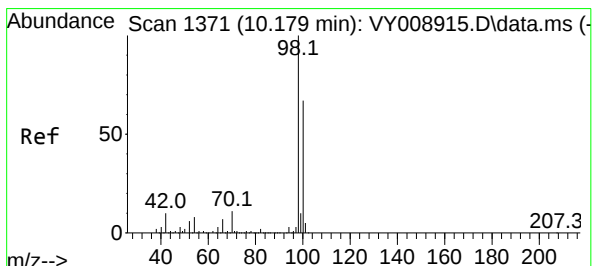
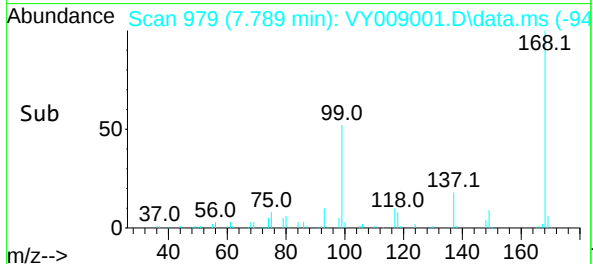
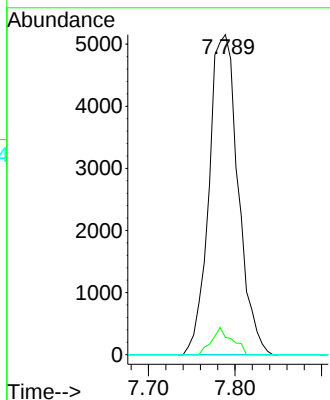
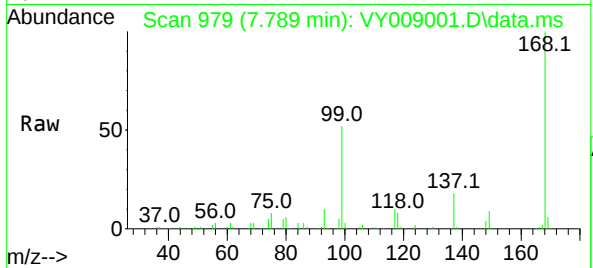




#38
Carbon Tetrachloride
Concen: 5.014 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

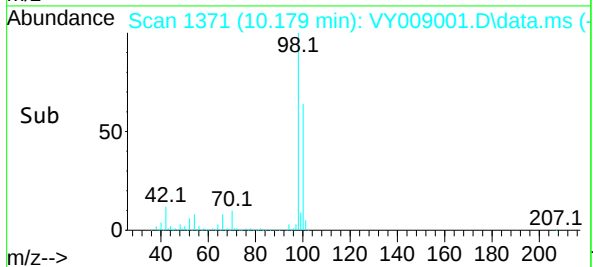
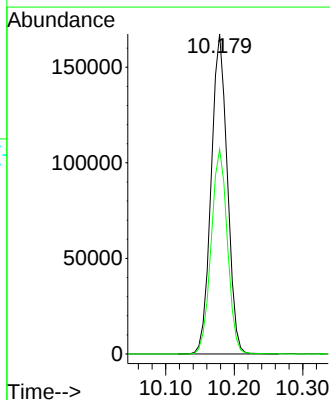
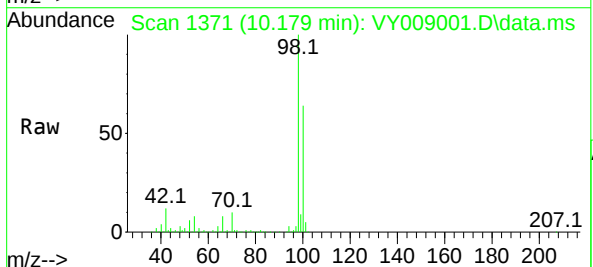
Instrument :
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ClientSampleId :
B3

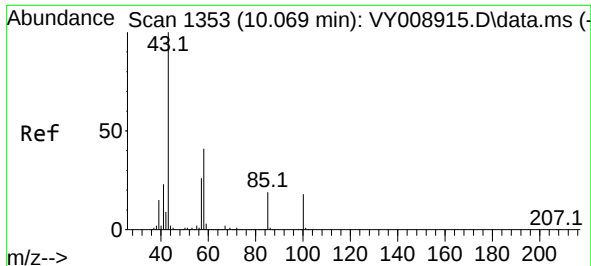
Tgt Ion:117 Resp: 12030
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.161 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

Tgt Ion: 98 Resp: 274269
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

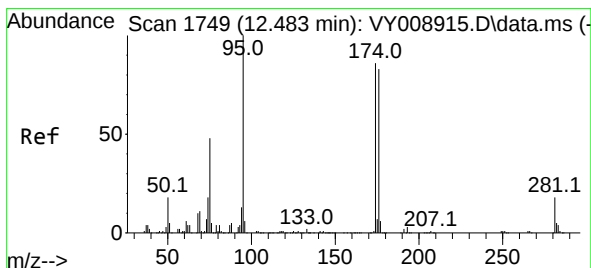
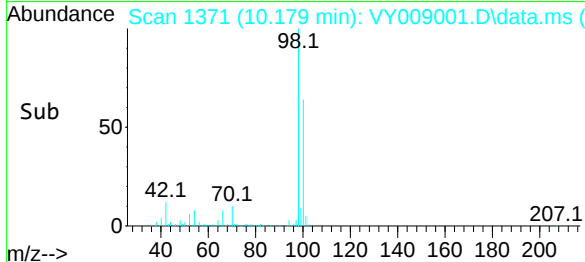
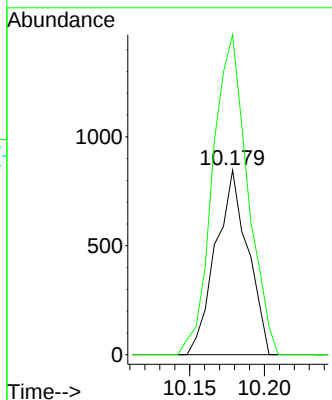
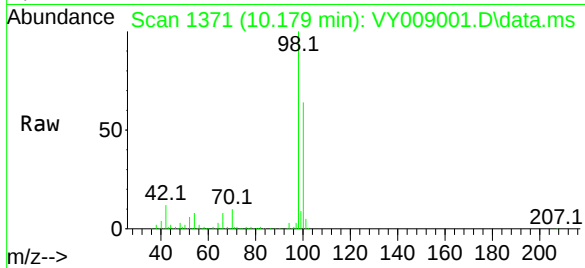




#51
4-Methyl-2-Pentanone
Concen: 1.035 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

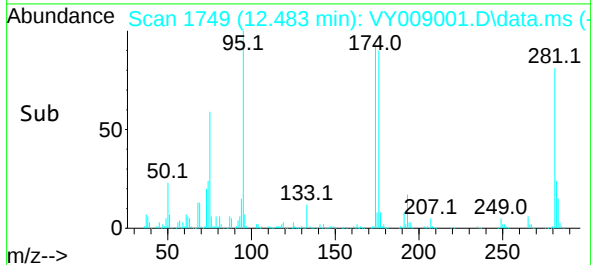
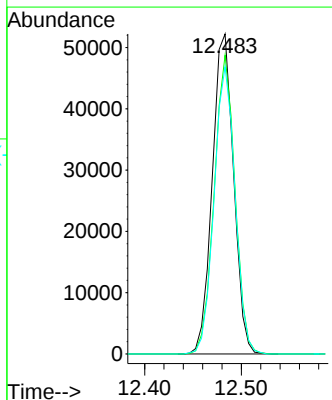
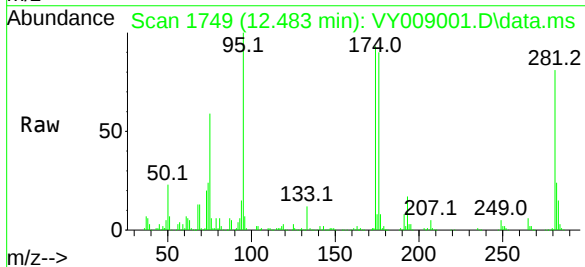
Instrument :
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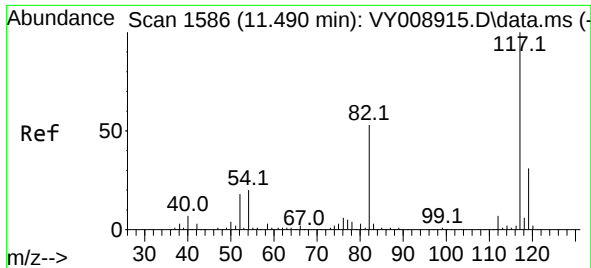
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 188.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 39.815 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

Tgt Ion: 95 Resp: 79859
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 88.3 0.0 175.8

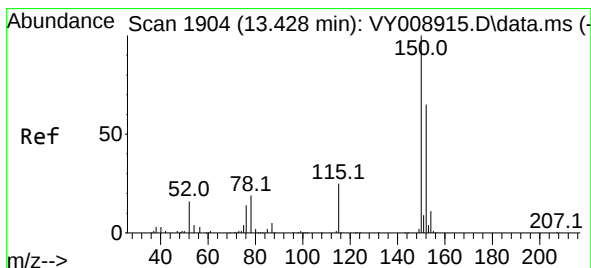
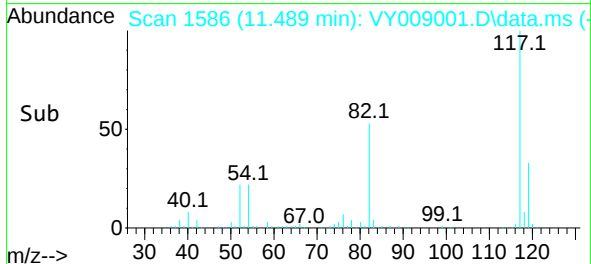
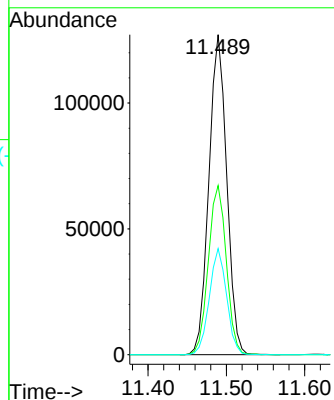
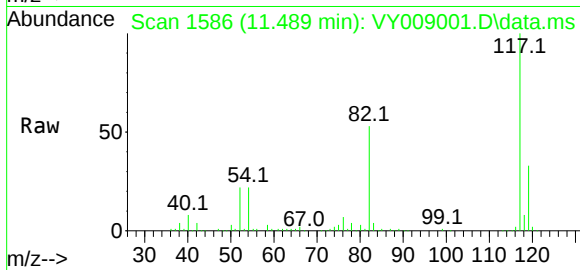




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

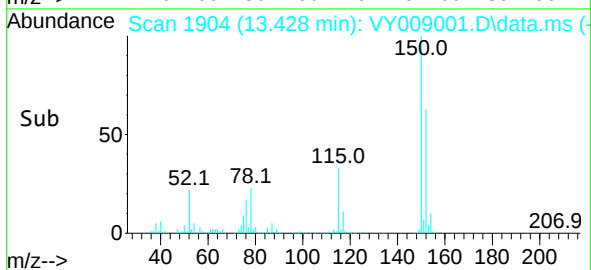
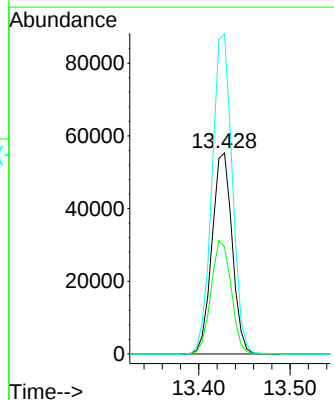
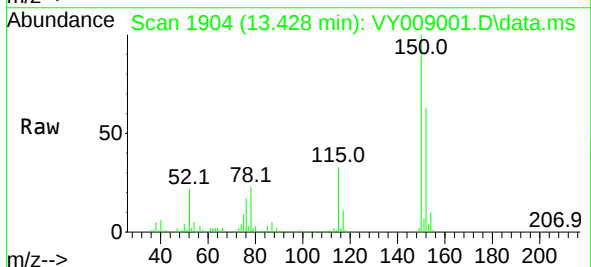
Instrument :
MSVOA_Y
ClientSampleId :
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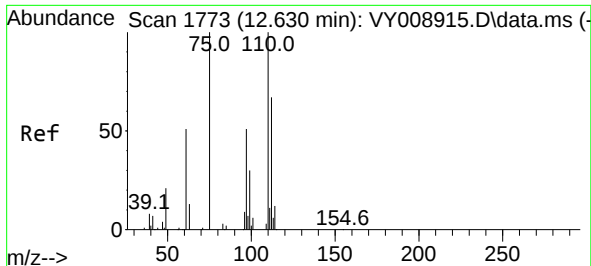
Tgt Ion:117 Resp: 200881
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

Tgt Ion:152 Resp: 84690
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 160.0 0.0 347.6

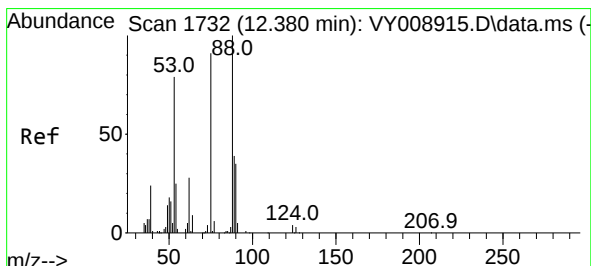
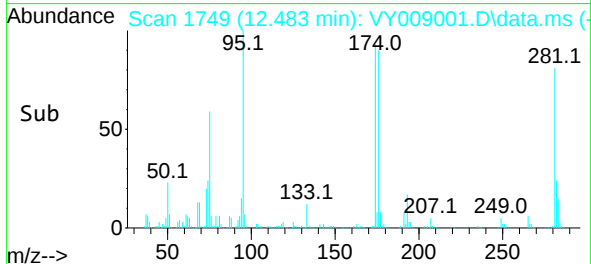
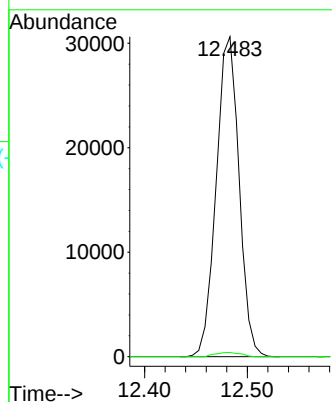
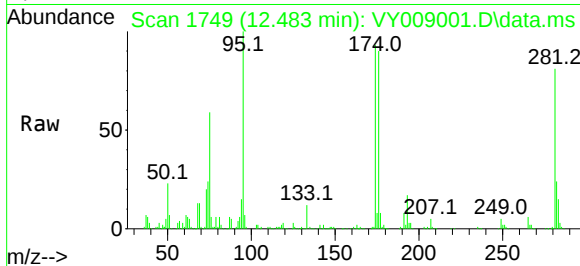




#76
1,2,3-Trichloropropane
Concen: 51.925 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

Instrument :
MSVOA_Y
ClientSampleId :
B3

Tgt Ion: 75 Resp: 47224
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.576 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009001.D
Acq: 23 May 2022 13:11

Tgt Ion: 75 Resp: 47224
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.8 37.0 55.4#

