

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009120.D
 Acq On : 02 Jun 2022 12:21
 Operator : KP/MD
 Sample : VY0602SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBL01

Quant Time: Jun 03 03:10:56 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)

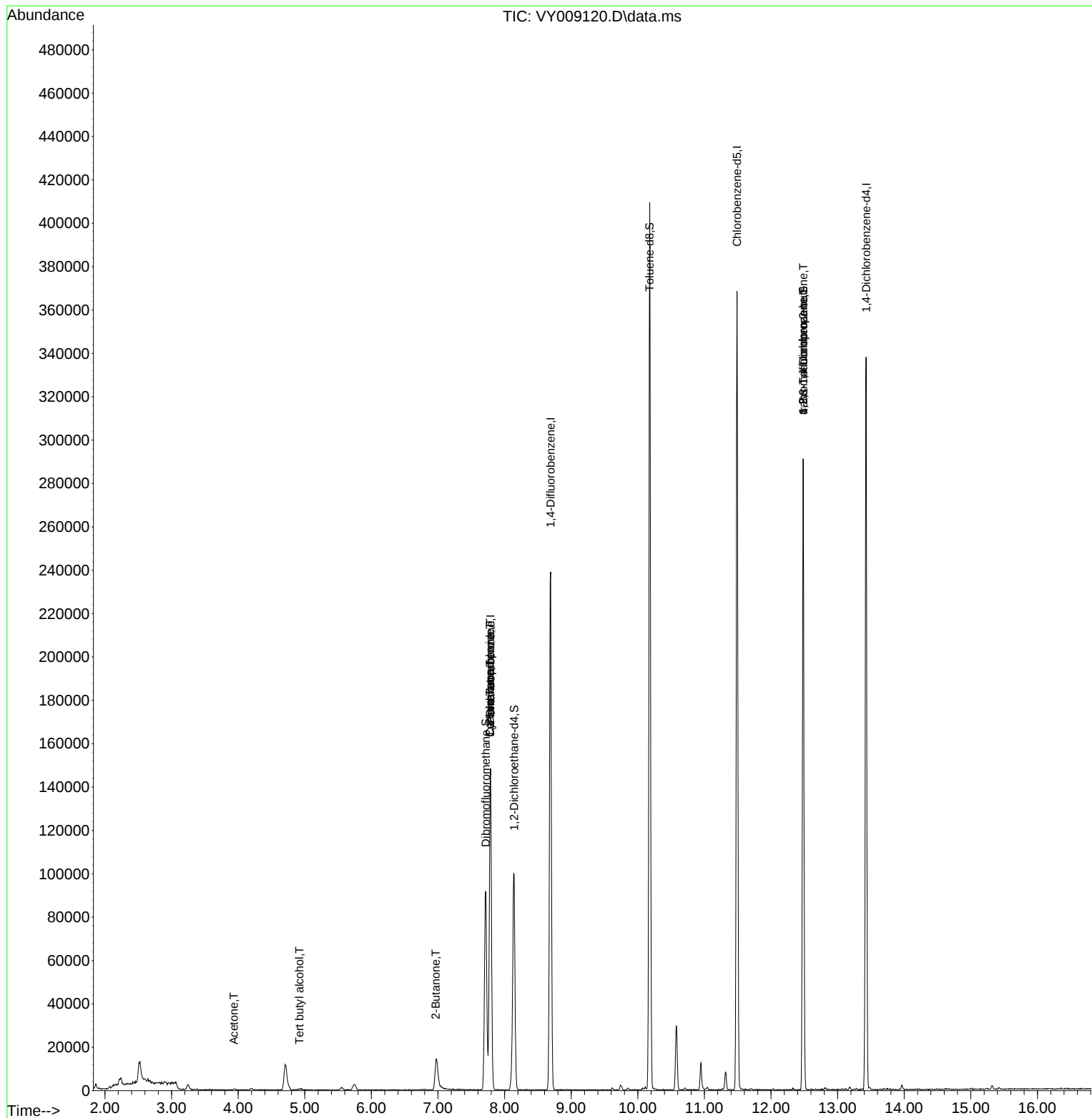
Internal Standards						
1) Pentafluorobenzene	7.789	168	112233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72158	62.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.940%	
35) Dibromofluoromethane	7.716	113	62580	50.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.180%	
50) Toluene-d8	10.179	98	250028	54.794	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.580%	
62) 4-Bromofluorobenzene	12.483	95	70770	38.448	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	270	2.304	ug/l #	77
16) Acetone	3.936	43	317	1.318	ug/l #	87
20) Methylene Chloride	4.710	84	8111	Below Cal	#	88
25) 2-Butanone	6.966	43	911	2.121	ug/l #	54
31) Cyclohexane	7.783	56	2901	1.284	ug/l #	37
36) 1,1-Dichloropropene	7.783	75	9915	4.710	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11554	5.247	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	41365	48.221	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41365	98.974	ug/l #	7

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

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VY0602SBL01

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

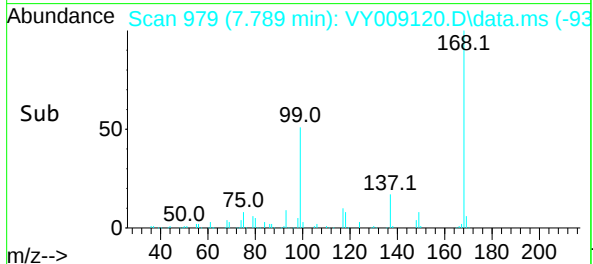
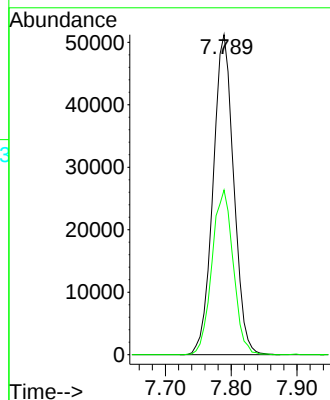
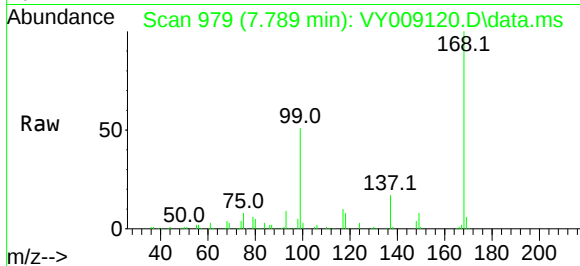




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

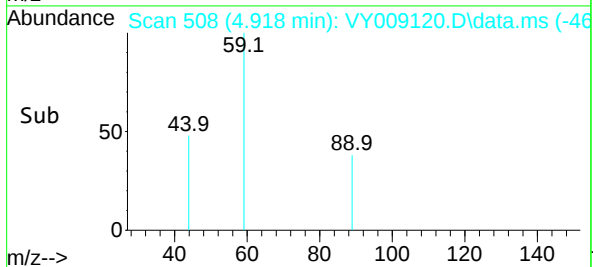
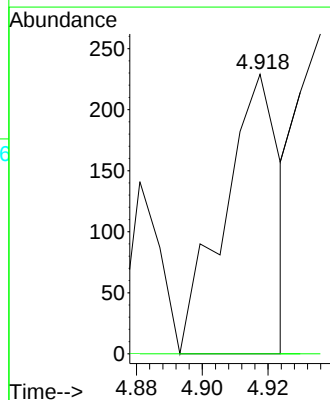
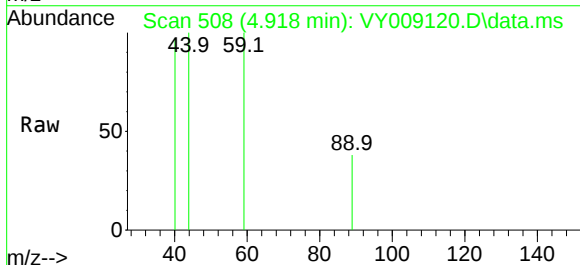
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

Tgt Ion:168 Resp: 112233
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.304 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

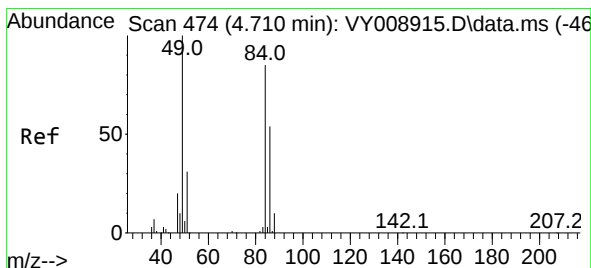
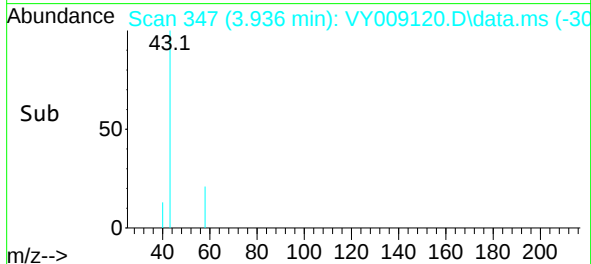
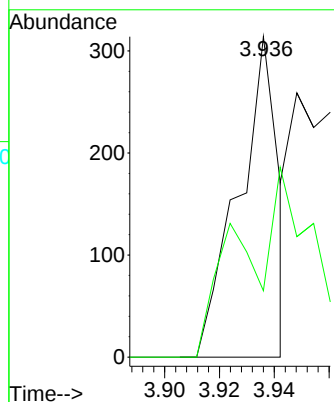
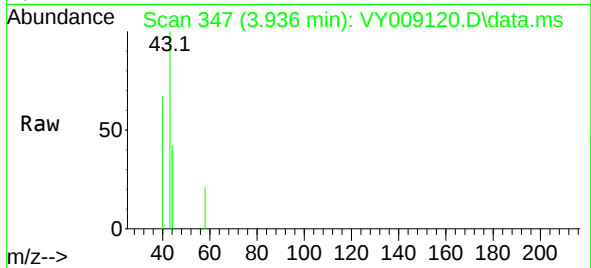




#16
Acetone
Concen: 1.318 ug/l
RT: 3.936 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

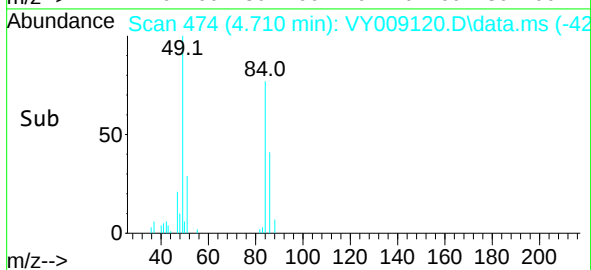
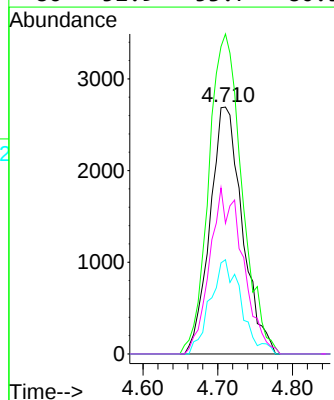
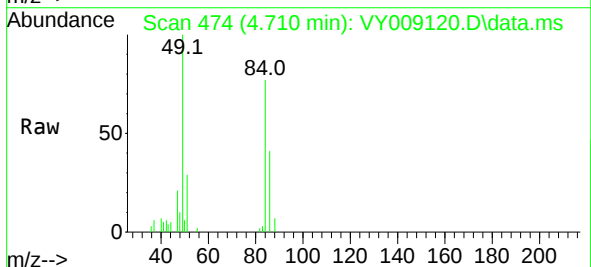
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
58 20.7 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

Tgt Ion: 84 Resp: 8111
Ion Ratio Lower Upper
84 100
49 129.6 114.4 171.6
51 38.2 35.3 52.9
86 52.9 53.7 80.5#

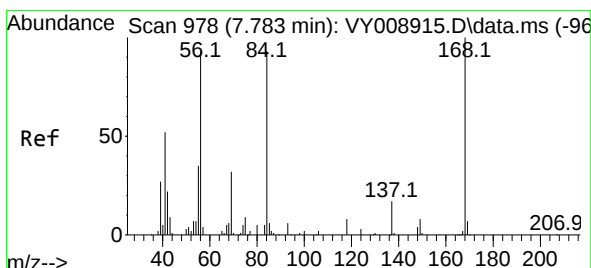
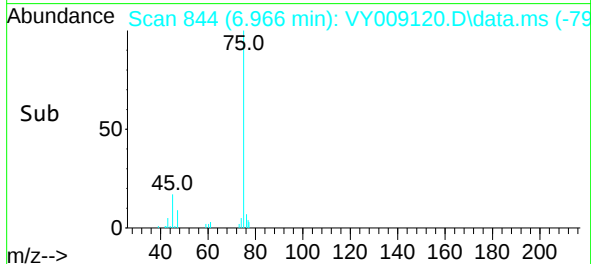
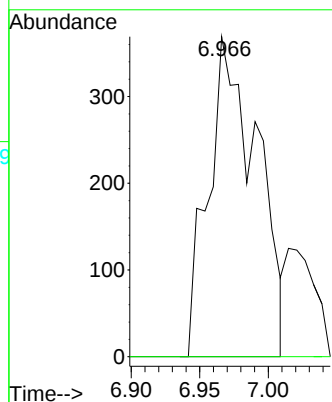
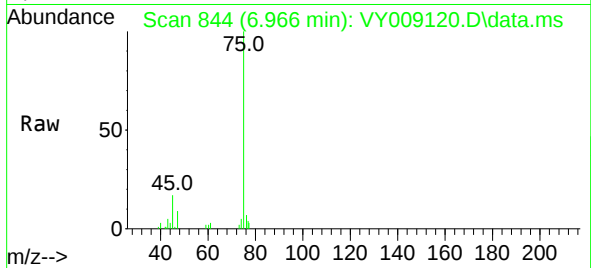




#25
2-Butanone
Concen: 2.121 ug/l
RT: 6.966 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

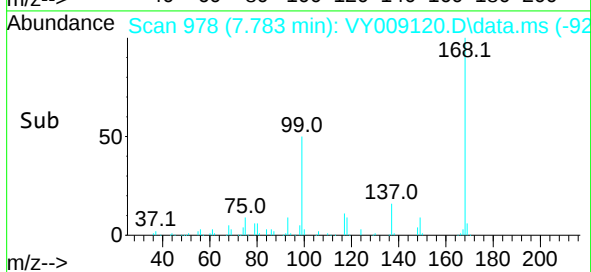
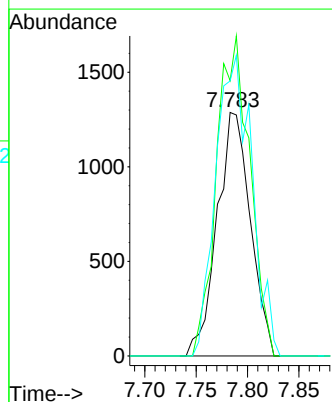
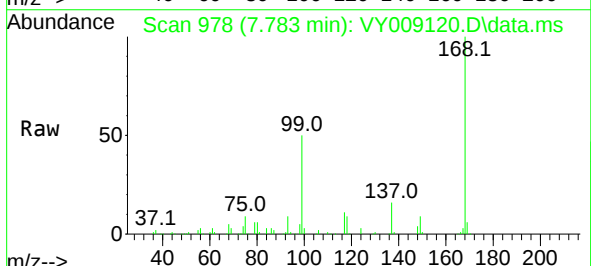
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.284 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

Tgt Ion: 56 Resp: 2901
Ion Ratio Lower Upper
56 100
69 113.0 26.7 40.1#
84 112.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.470 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY009120.D

Acq: 02 Jun 2022 12:21

Instrument :

MSVOA_Y

ClientSampleId :

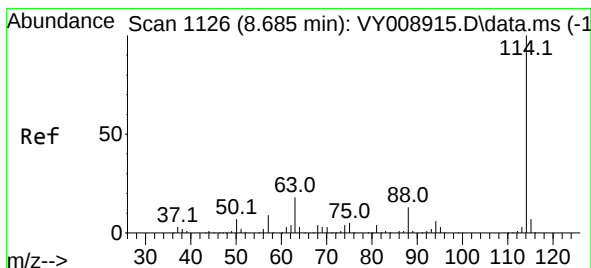
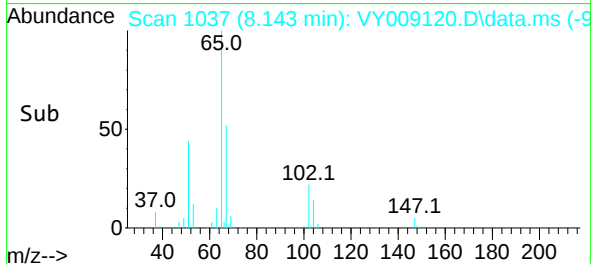
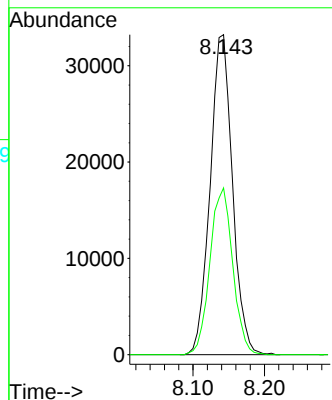
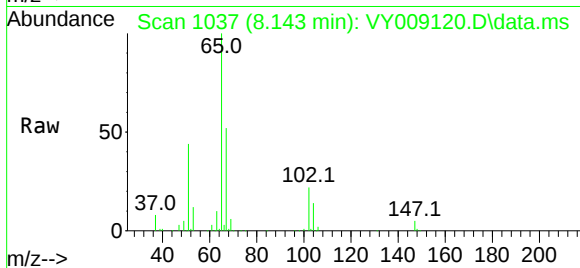
VY0602SBL01

Tgt Ion: 65 Resp: 72158

Ion Ratio Lower Upper

65 100

67 53.1 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: VY009120.D

Acq: 02 Jun 2022 12:21

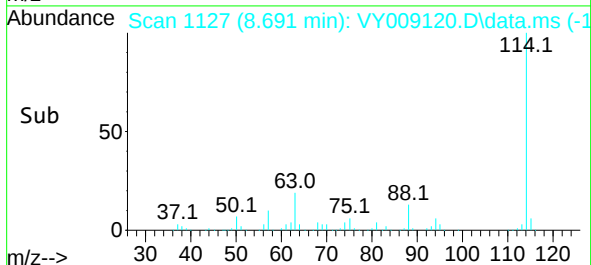
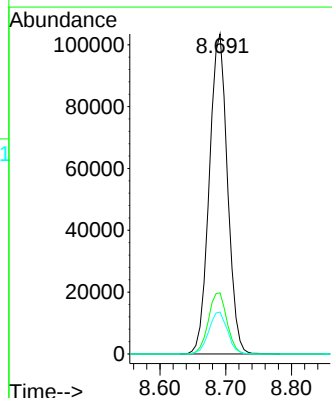
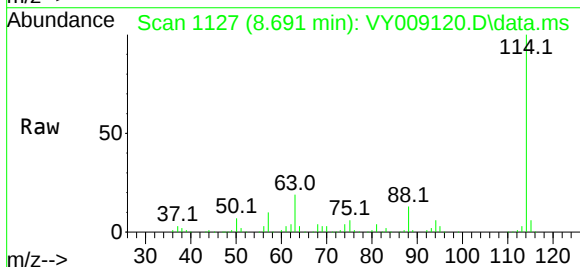
Tgt Ion: 114 Resp: 198907

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.1 0.0 31.8

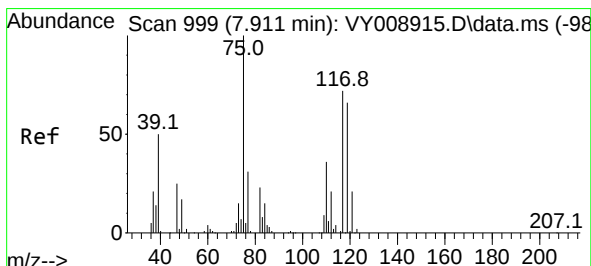
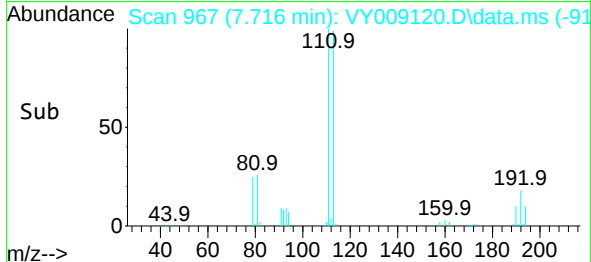
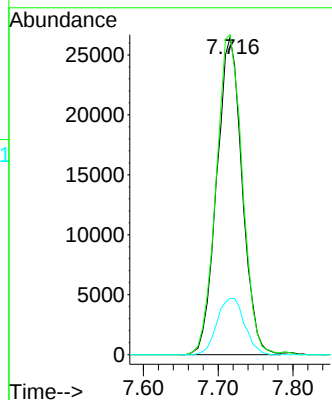
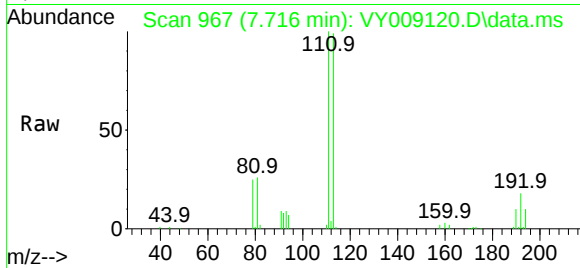




#35
Dibromofluoromethane
Concen: 50.595 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

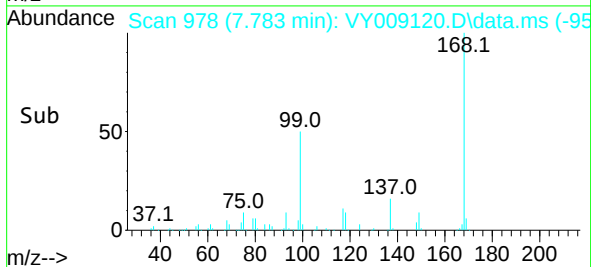
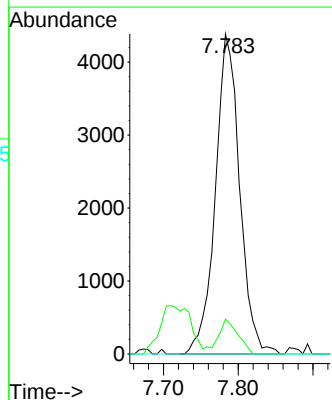
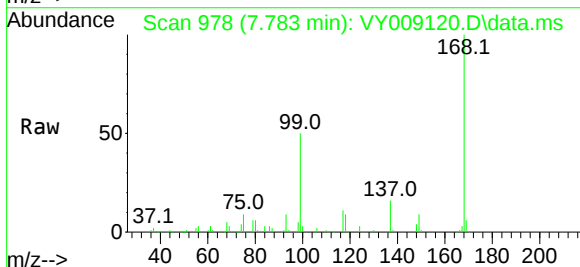
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

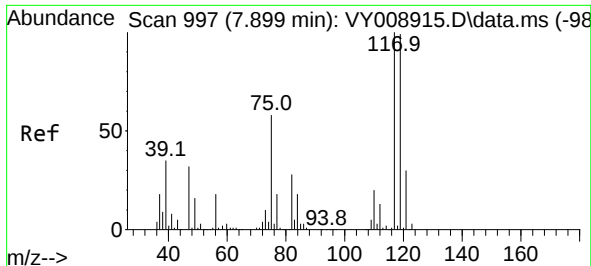
Tgt Ion:113 Resp: 62580
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.710 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

Tgt Ion: 75 Resp: 9915
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#

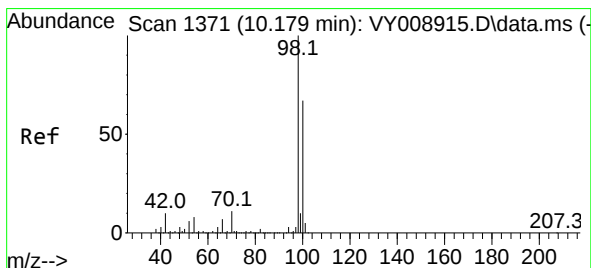
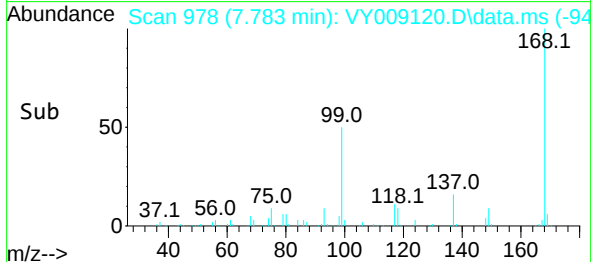
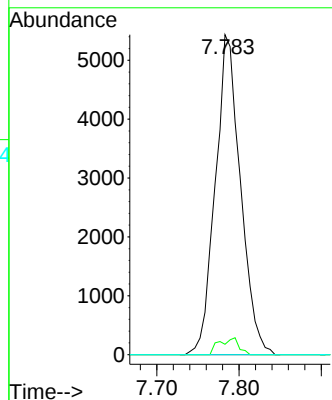
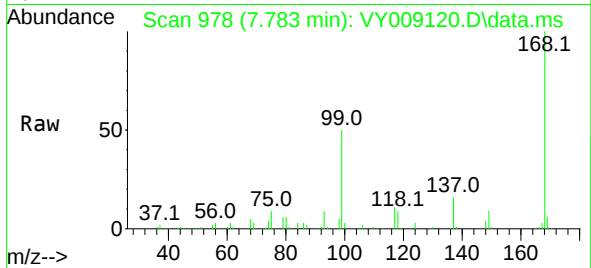




#38
Carbon Tetrachloride
Concen: 5.247 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

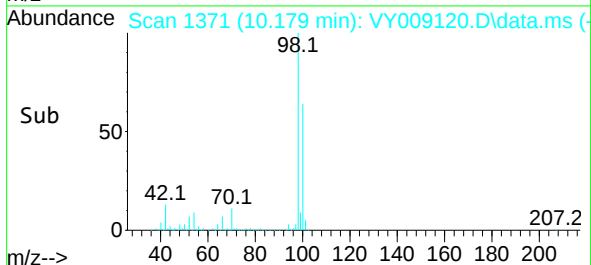
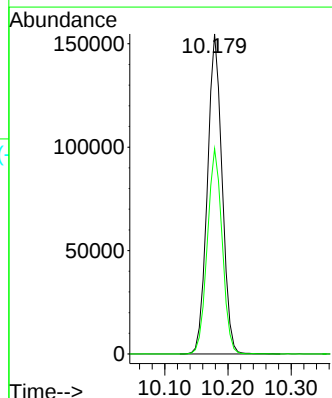
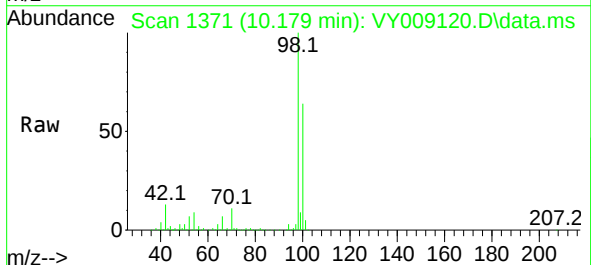
Instrument :
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ClientSampleId :
VY0602SBL01

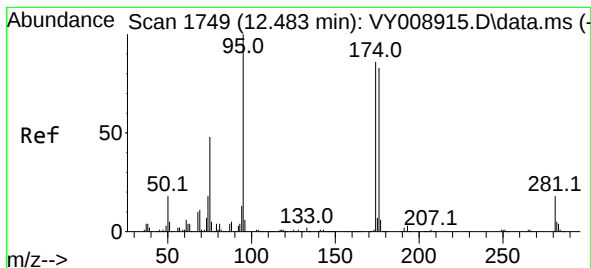
Tgt Ion:117 Resp: 11554
Ion Ratio Lower Upper
117 100
119 3.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.794 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

Tgt Ion: 98 Resp: 250028
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

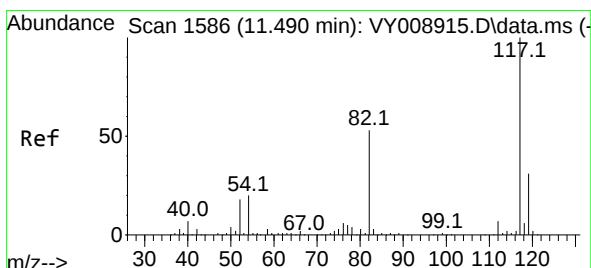
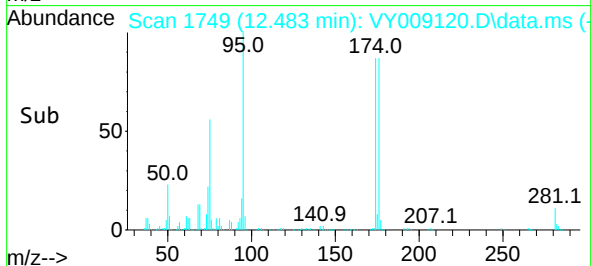
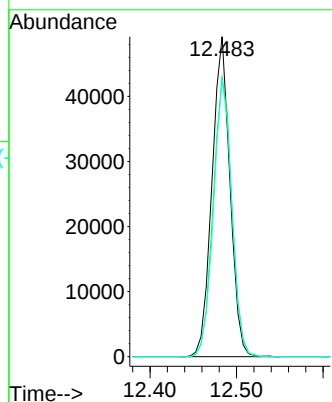
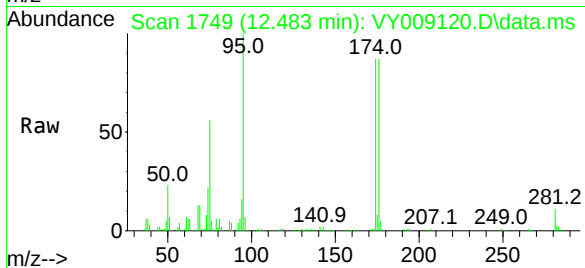




#62
4-Bromofluorobenzene
Concen: 38.448 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

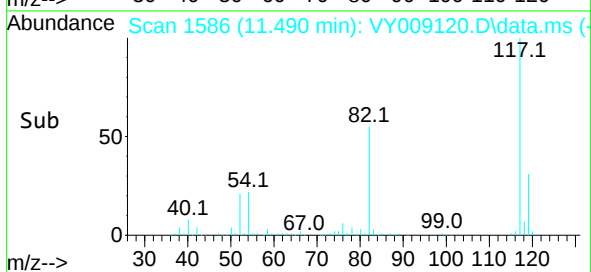
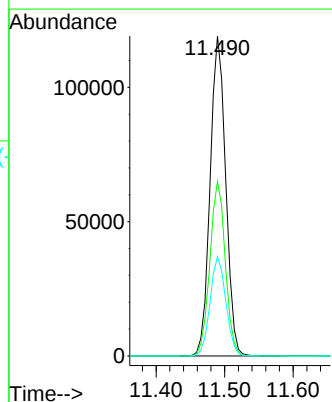
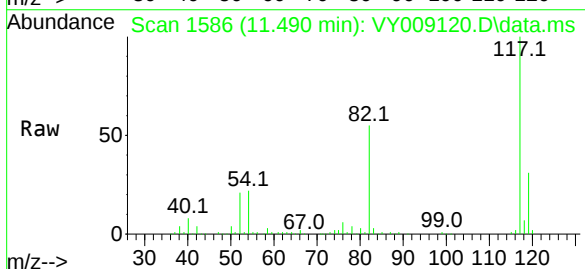
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MSVOA_Y
ClientSampleId :
VY0602SBL01

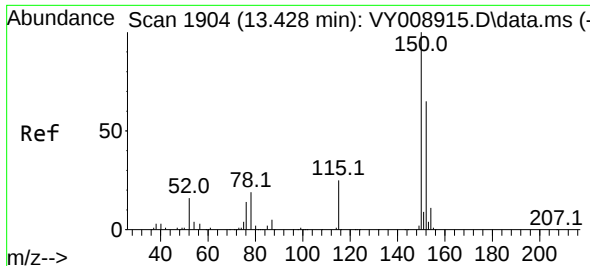
Tgt Ion: 95 Resp: 70770
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 88.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009120.D
Acq: 02 Jun 2022 12:21

Tgt Ion: 117 Resp: 187782
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.0 25.4 38.0

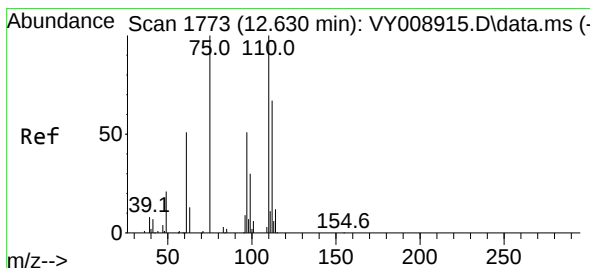
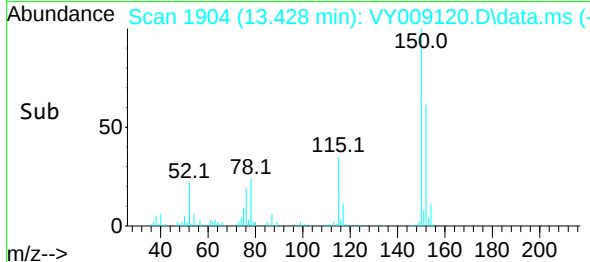
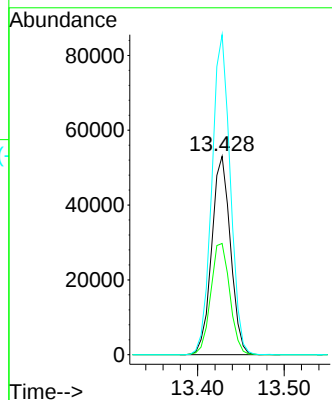
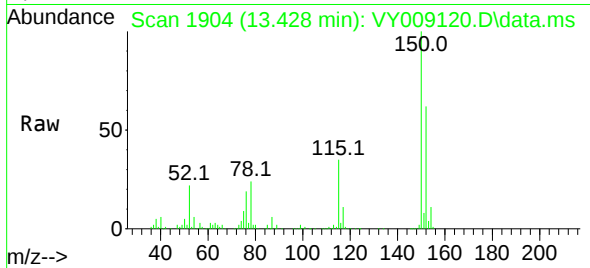




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009120.D
 Acq: 02 Jun 2022 12:21

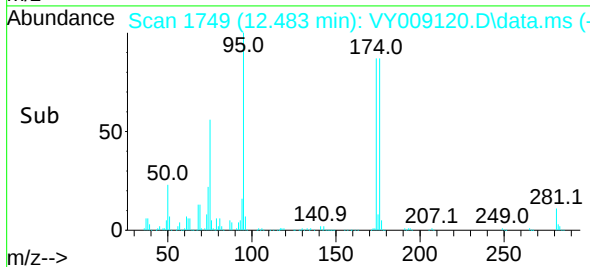
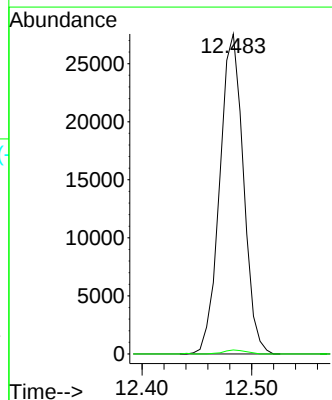
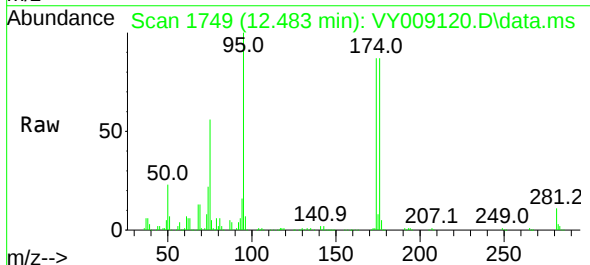
Instrument :
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 VY0602SBL01

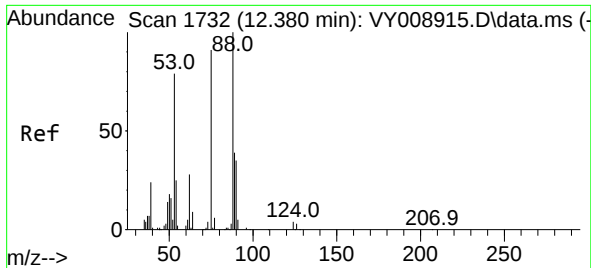
Tgt Ion:152 Resp: 79880
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.221 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009120.D
 Acq: 02 Jun 2022 12:21

Tgt Ion: 75 Resp: 41365
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.974 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009120.D
 Acq: 02 Jun 2022 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBL01

Tgt Ion: 75 Resp: 41365
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

