

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009623.D
 Acq On : 21 Jul 2022 11:03
 Operator : KP/MD
 Sample : VY0721SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

Quant Time: Jul 22 02:28:08 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)

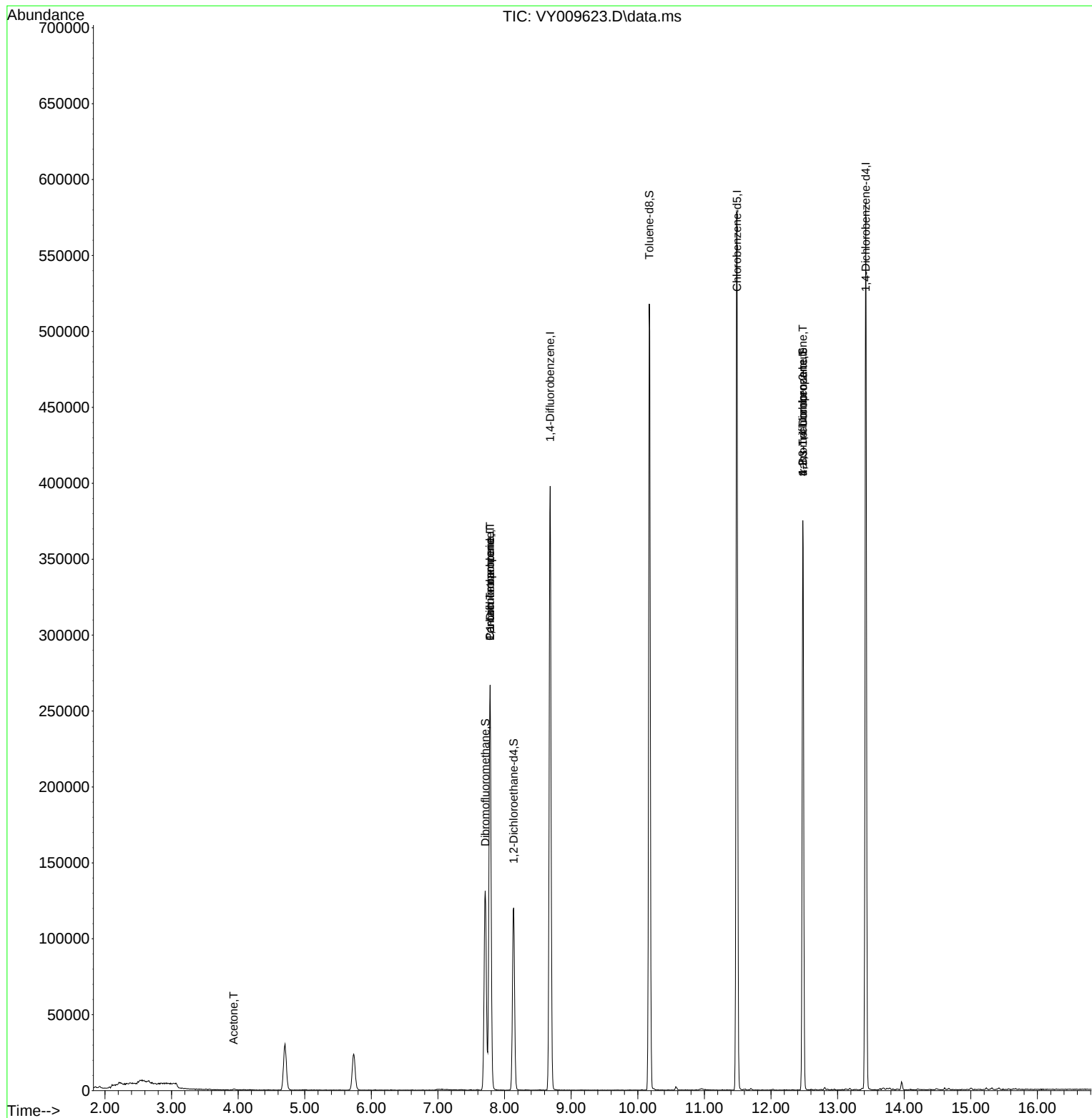
Internal Standards						
1) Pentafluorobenzene	7.783	168	220998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	335605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94221	45.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.160%
35) Dibromofluoromethane	7.710	113	95542	42.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.380%
50) Toluene-d8	10.173	98	350111	40.214	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	80.420%
62) 4-Bromofluorobenzene	12.477	95	111467	39.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	27	Below Cal	#	77
16) Acetone	3.930	43	1210	2.288	ug/l #	87
20) Methylene Chloride	4.698	84	24167	Below Cal	#	81
36) 1,1-Dichloropropene	7.783	75	14533	4.343	ug/l #	51
38) Carbon Tetrachloride	7.783	117	19442	5.550	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	55395	37.216	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	55395	73.383	ug/l #	7

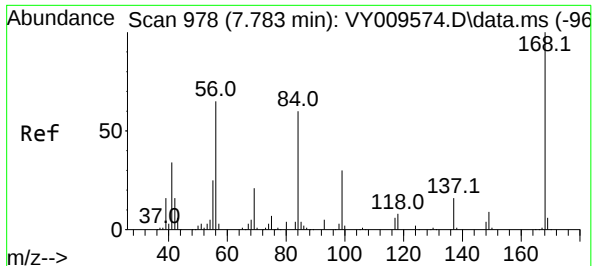
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0721SBL01

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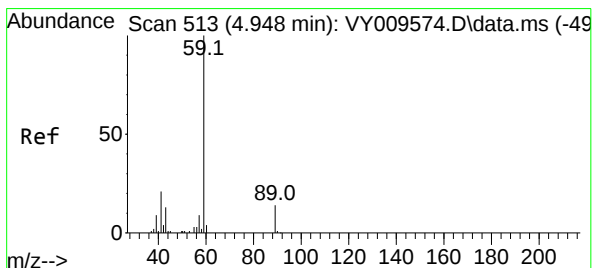
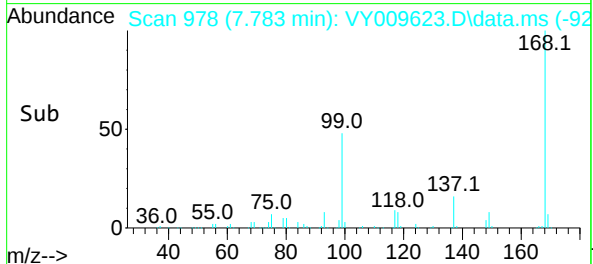
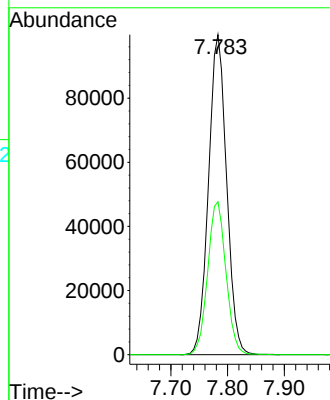
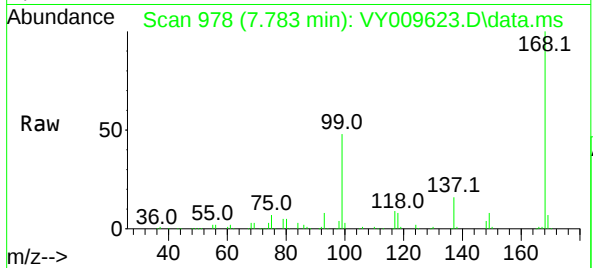




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

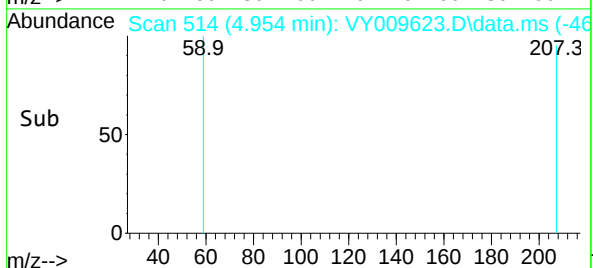
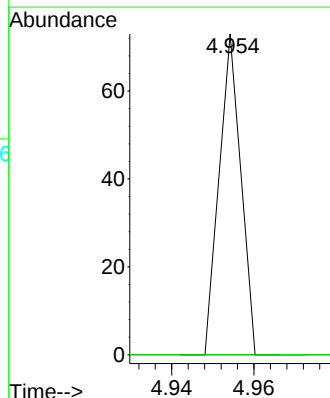
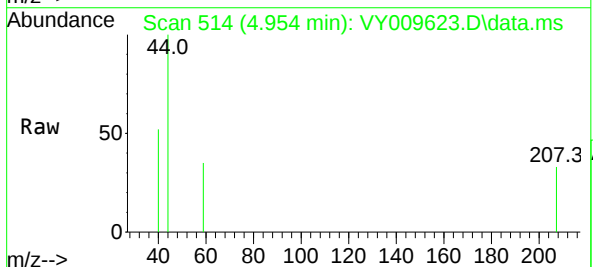
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

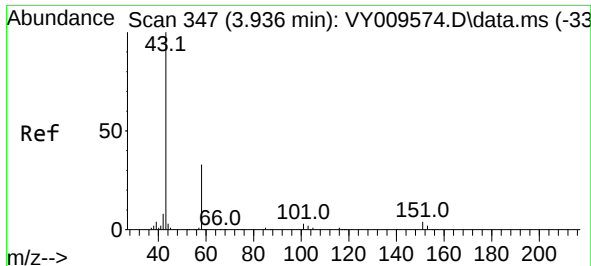
Tgt Ion:168 Resp: 220998
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

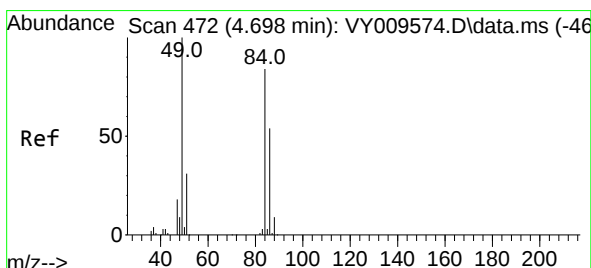
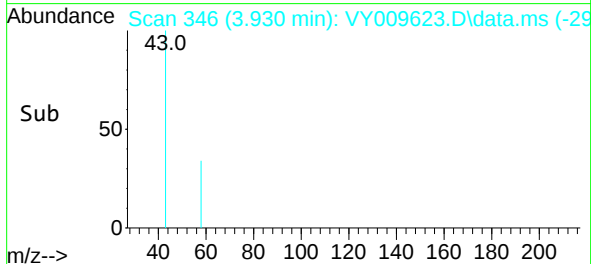
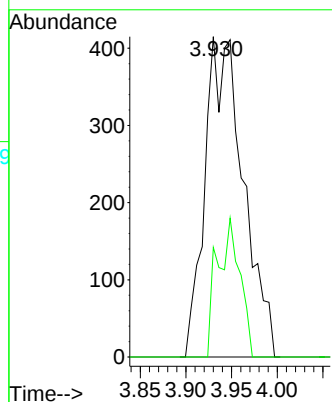
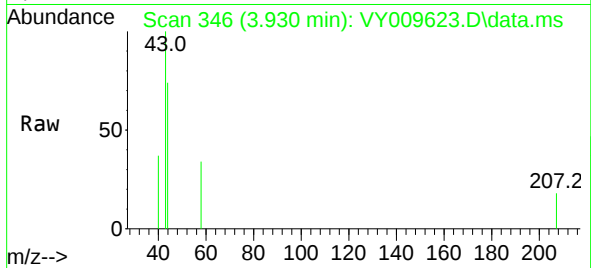




#16
Acetone
Concen: 2.288 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

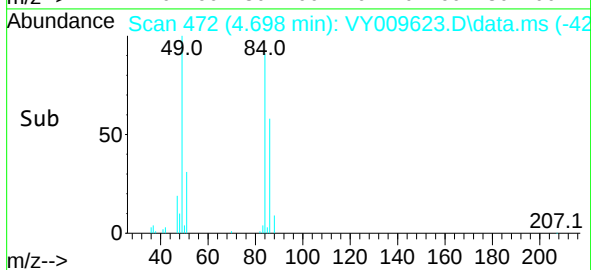
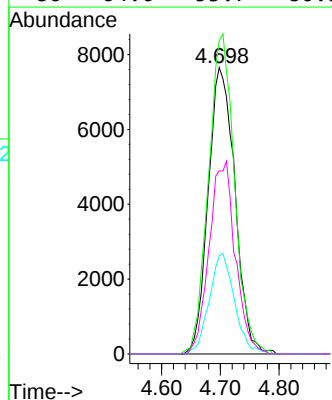
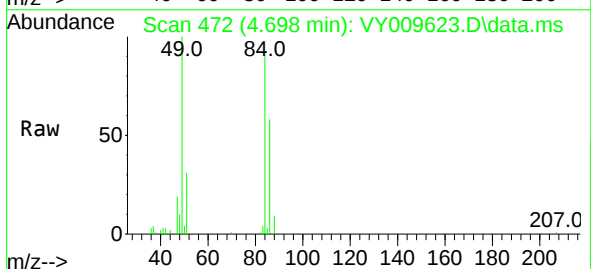
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

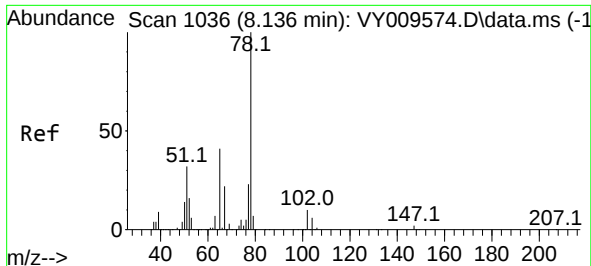
Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

Tgt Ion: 84 Resp: 24167
Ion Ratio Lower Upper
84 100
49 109.4 114.4 171.6#
51 34.2 35.3 52.9#
86 64.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 45.080 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009623.D

Acq: 21 Jul 2022 11:03

Instrument :

MSVOA_Y

ClientSampleId :

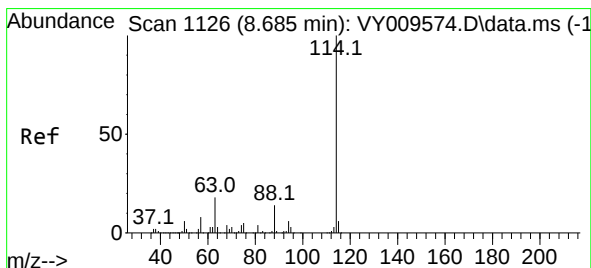
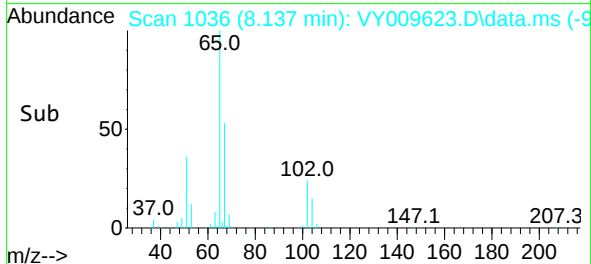
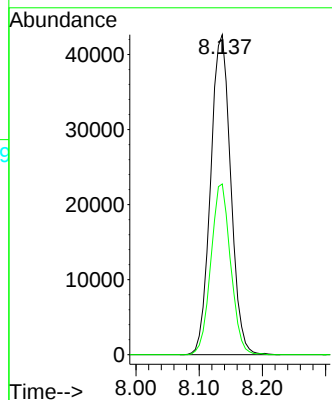
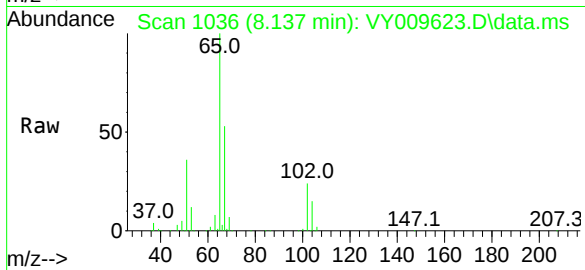
VY0721SBL01

Tgt Ion: 65 Resp: 94221

Ion Ratio Lower Upper

65 100

67 52.4 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: VY009623.D

Acq: 21 Jul 2022 11:03

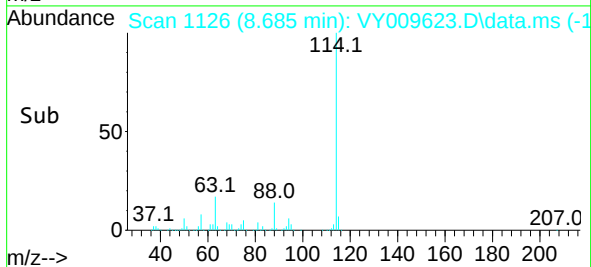
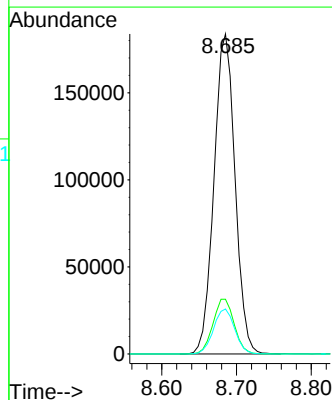
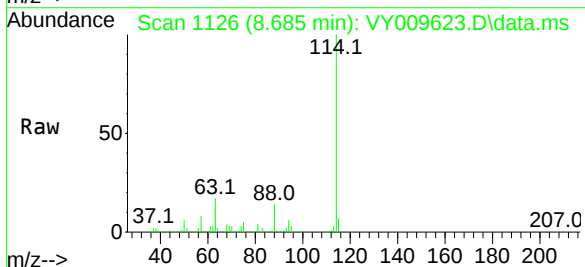
Tgt Ion:114 Resp: 359476

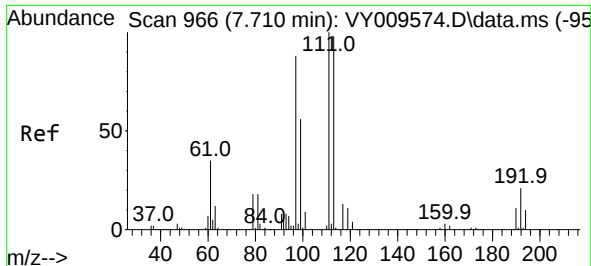
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.0 0.0 31.8

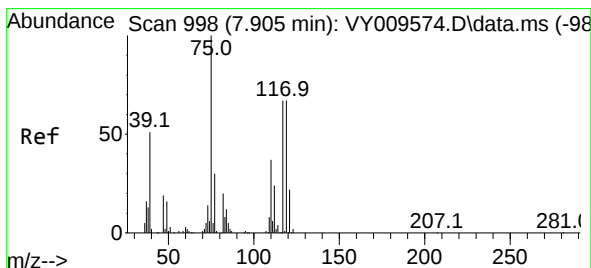
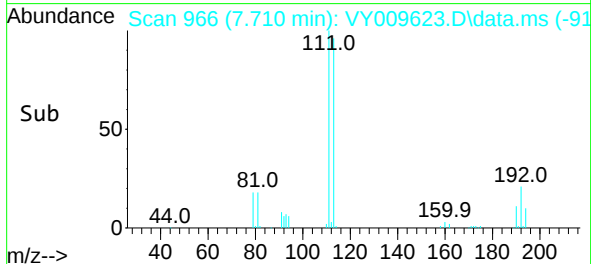
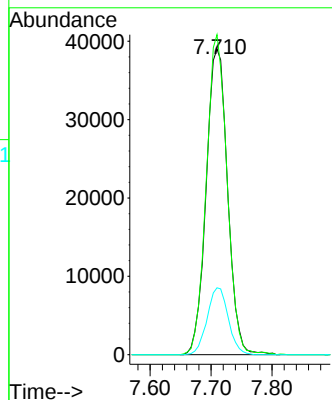
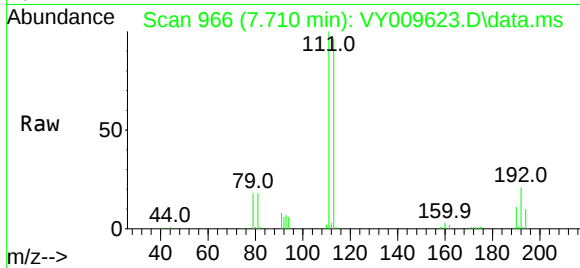




#35
Dibromofluoromethane
Concen: 42.188 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

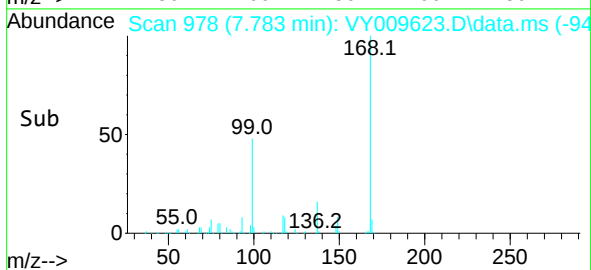
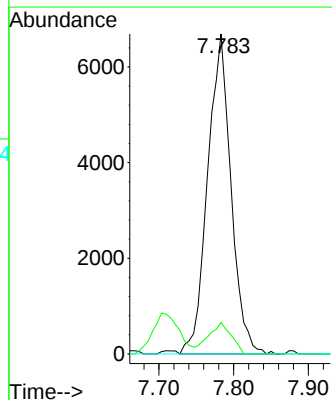
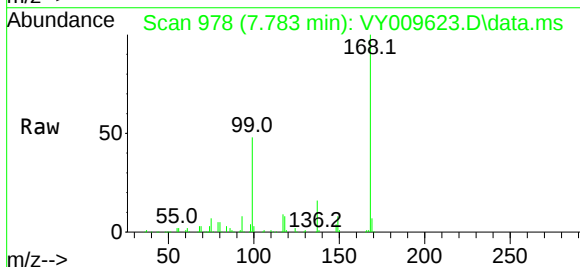
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

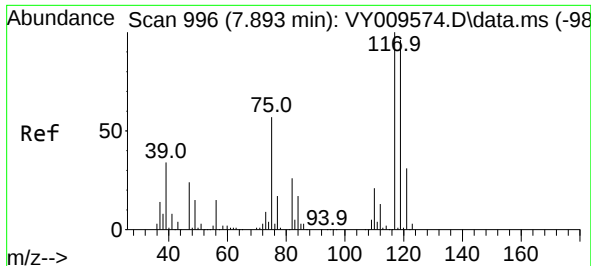
Tgt Ion:113 Resp: 95542
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

Tgt Ion: 75 Resp: 14533
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

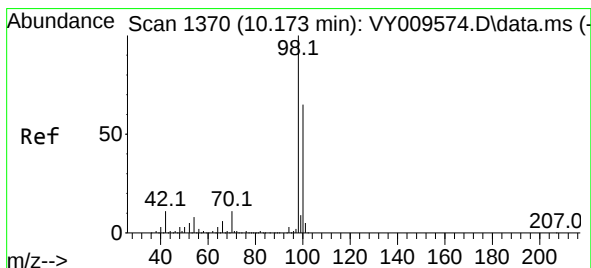
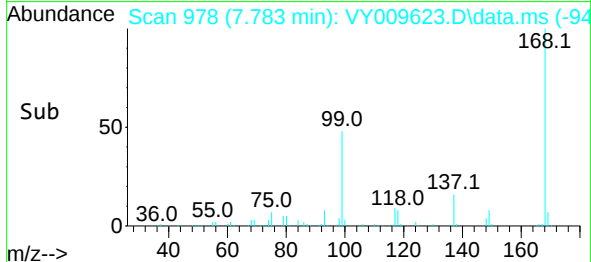
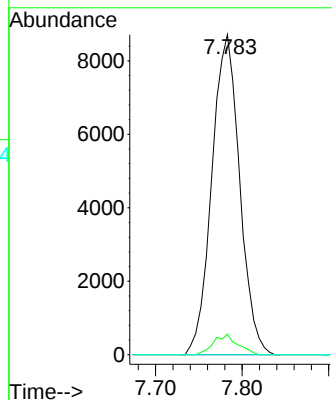
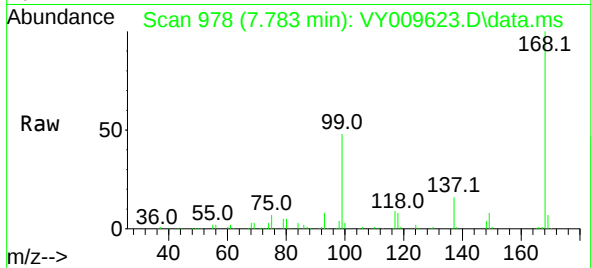




#38
Carbon Tetrachloride
Concen: 5.550 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

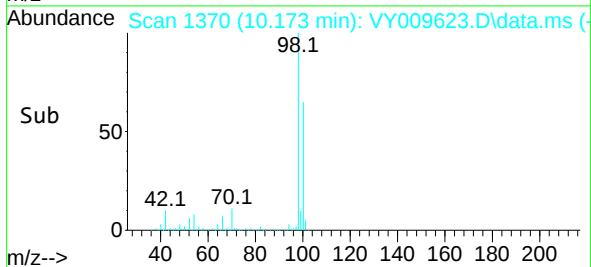
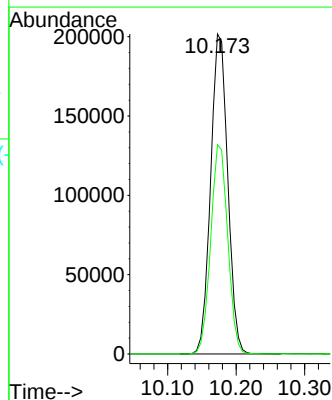
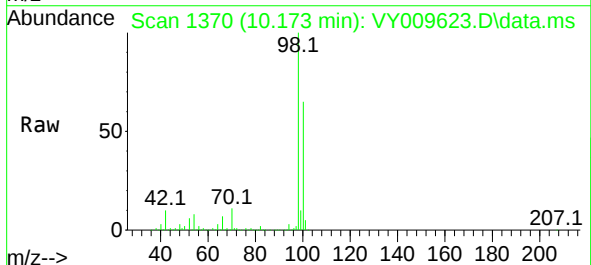
Instrument :
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ClientSampleId :
VY0721SBL01

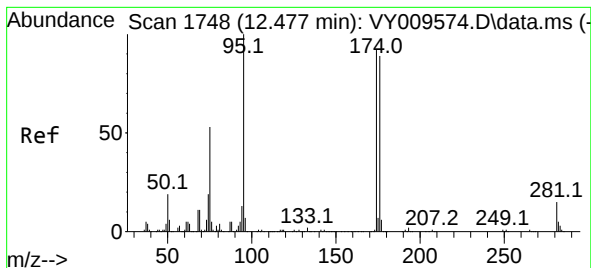
Tgt Ion:117 Resp: 19442
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 40.214 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

Tgt Ion: 98 Resp: 350111
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

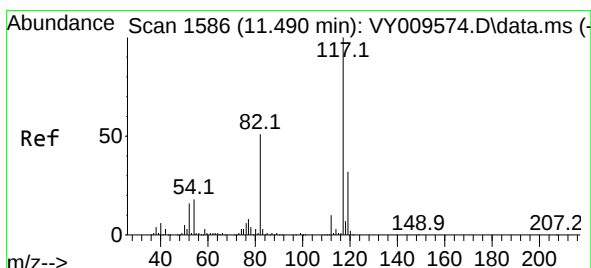
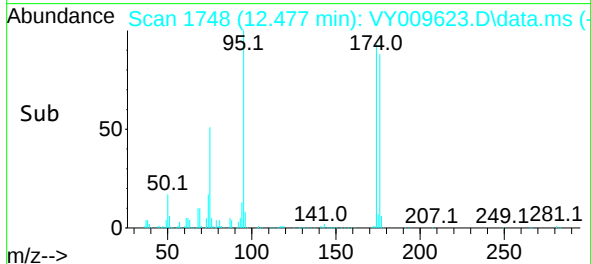
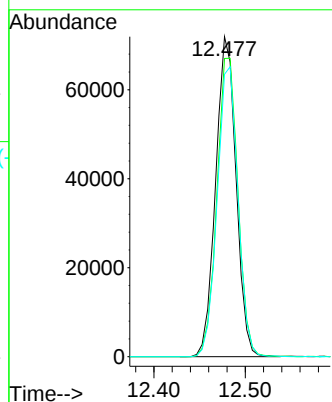
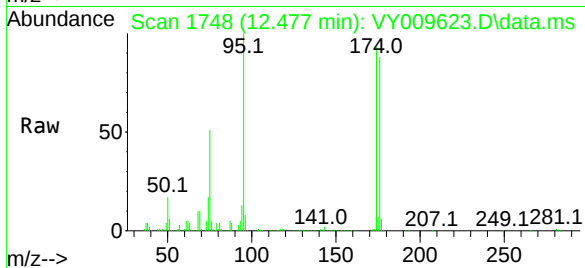




#62
4-Bromofluorobenzene
Concen: 39.513 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

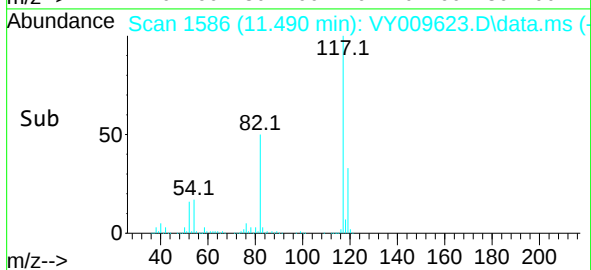
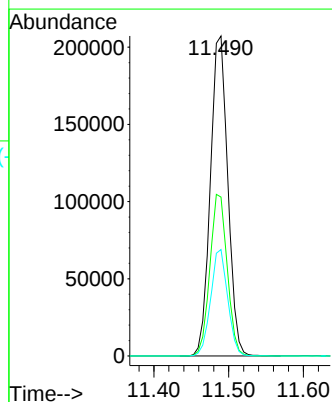
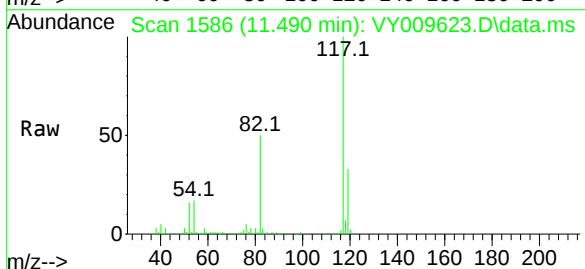
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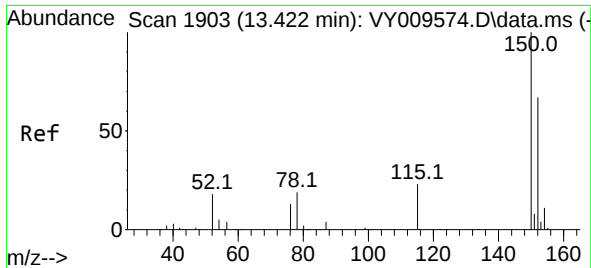
Tgt Ion: 95 Resp: 111467
Ion Ratio Lower Upper
95 100
174 96.3 0.0 177.0
176 92.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009623.D
Acq: 21 Jul 2022 11:03

Tgt Ion: 117 Resp: 335605
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 33.3 25.4 38.0

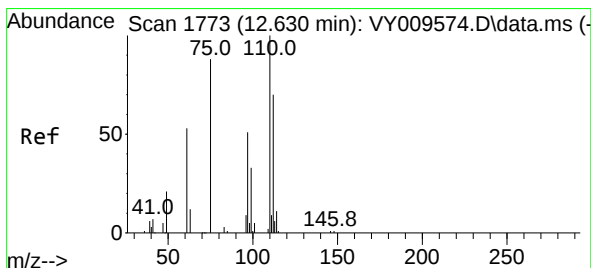
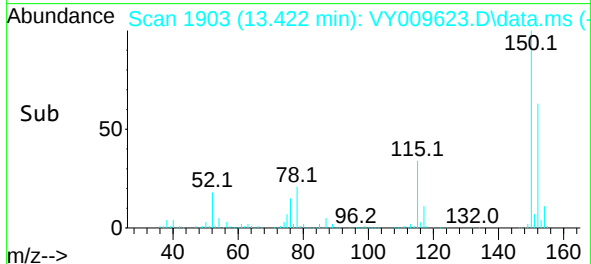
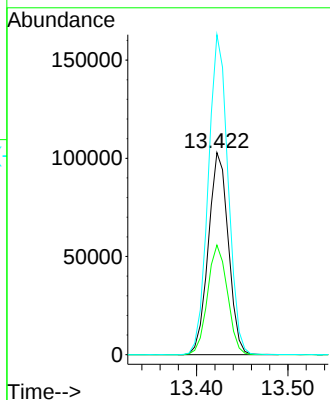
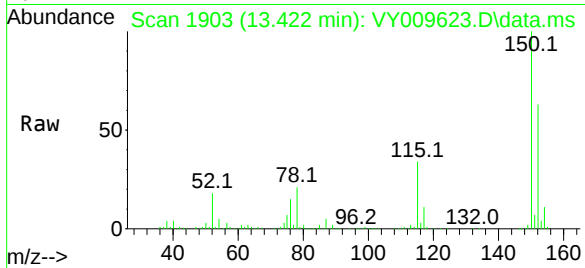




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009623.D
 Acq: 21 Jul 2022 11:03

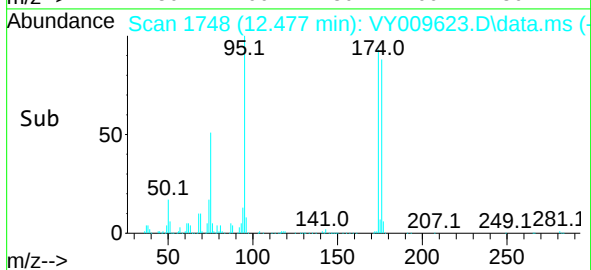
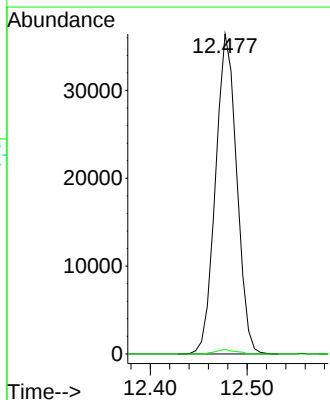
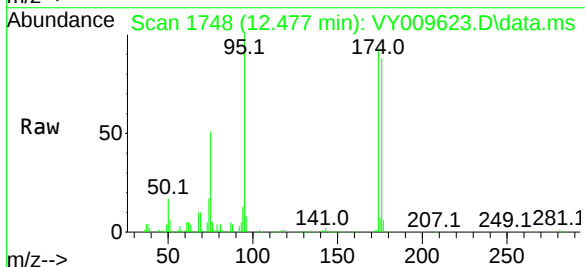
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

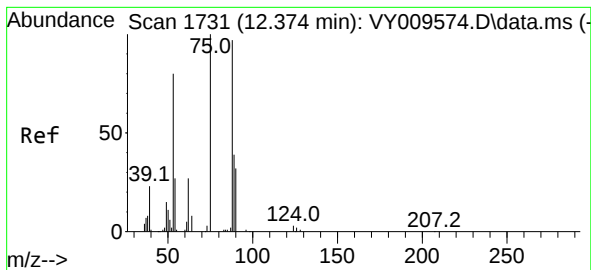
Tgt Ion:152 Resp: 156251
 Ion Ratio Lower Upper
 152 100
 115 53.9 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 37.216 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009623.D
 Acq: 21 Jul 2022 11:03

Tgt Ion: 75 Resp: 55395
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.383 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009623.D
 Acq: 21 Jul 2022 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

Tgt Ion: 75 Resp: 55395
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

