

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009681.D
 Acq On : 25 Jul 2022 13:04
 Operator : KP/MD
 Sample : N3858-01
 Misc : 4.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A

Quant Time: Jul 26 05:56:11 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)

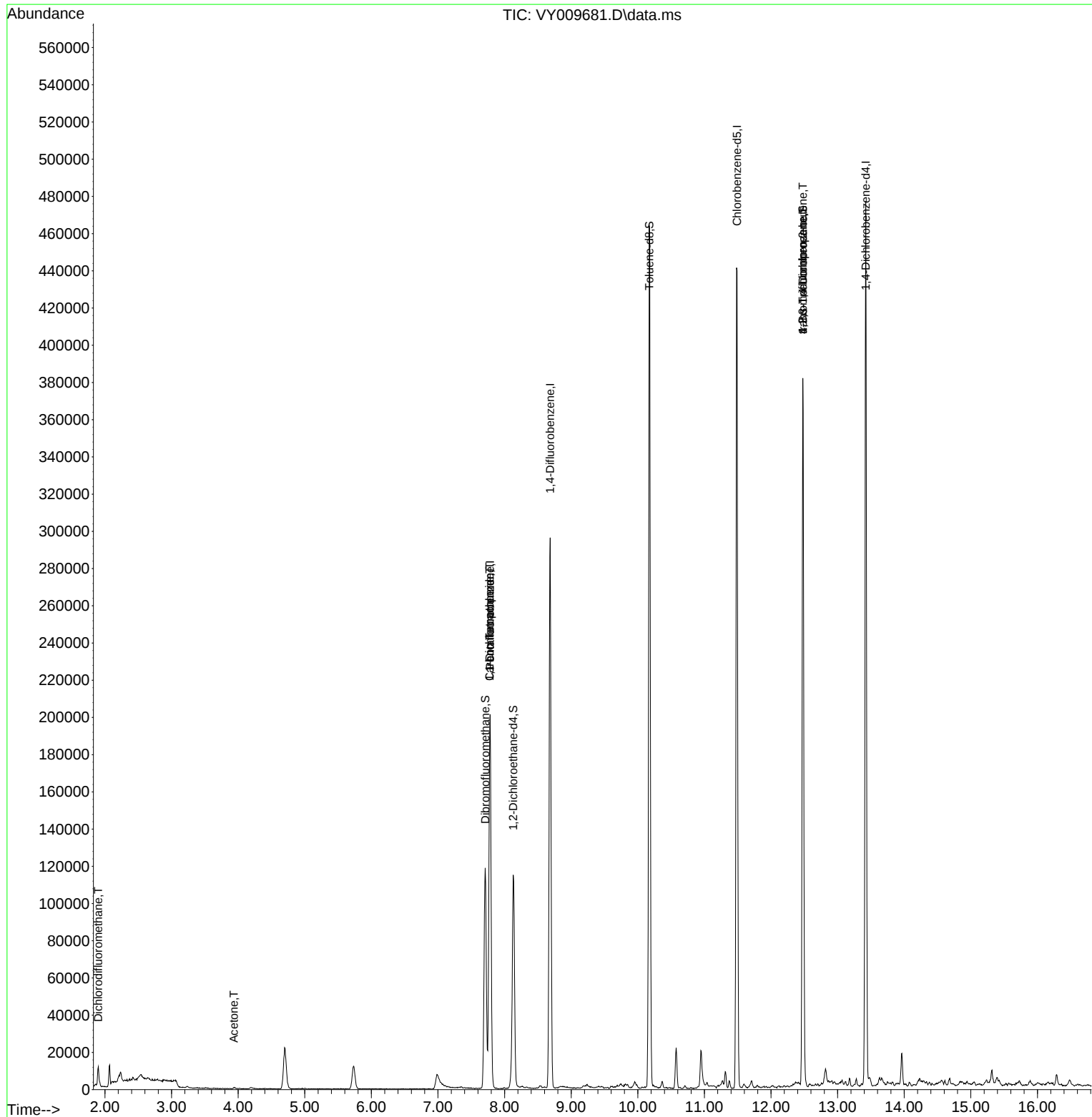
Internal Standards						
1) Pentafluorobenzene	7.783	168	169202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	264218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87151	54.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.920%	
35) Dibromofluoromethane	7.710	113	83821	50.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.720%	
50) Toluene-d8	10.173	98	309379	48.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 96.700%	
62) 4-Bromofluorobenzene	12.477	95	106428	51.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 102.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	8394	5.654	ug/l	99
11) Tert butyl alcohol	4.960	59	494	Below Cal	#	77
16) Acetone	3.936	43	1069	2.641	ug/l	93
20) Methylene Chloride	4.704	84	16508	Below Cal	#	78
36) 1,1-Dichloropropene	7.777	75	10957	4.454	ug/l #	51
38) Carbon Tetrachloride	7.777	117	14950	5.806	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	53588	44.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53588	86.860	ug/l #	7

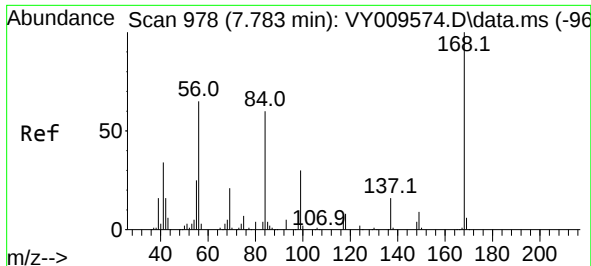
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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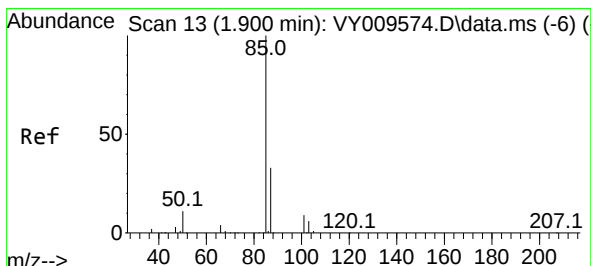
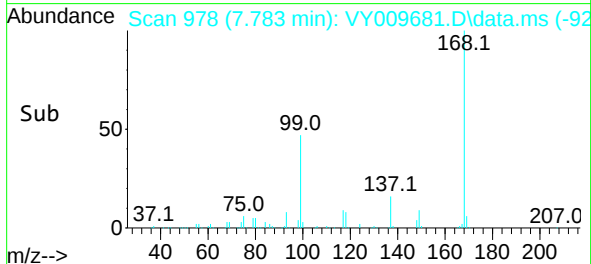
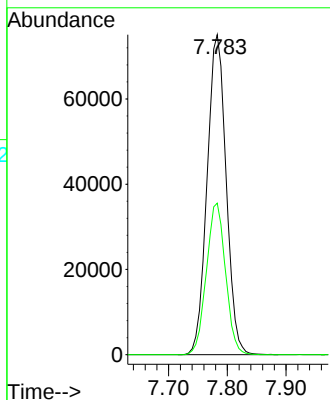
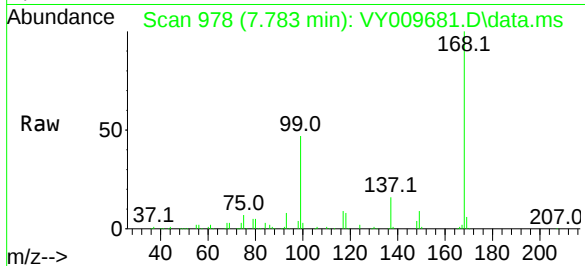




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

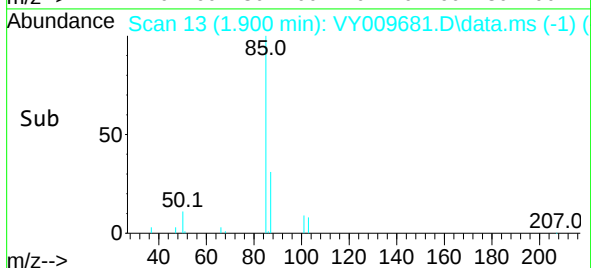
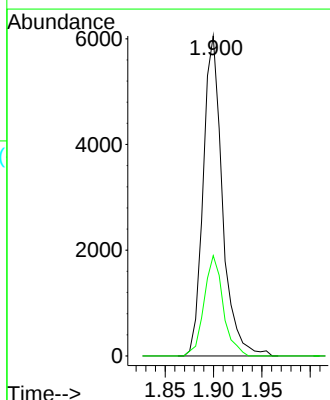
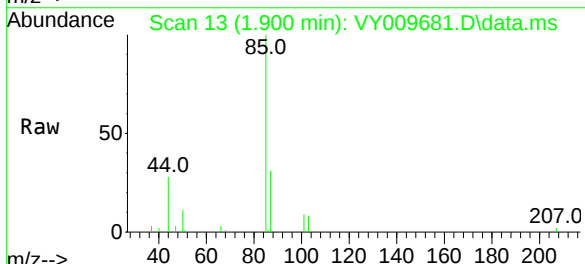
Instrument :
MSVOA_Y
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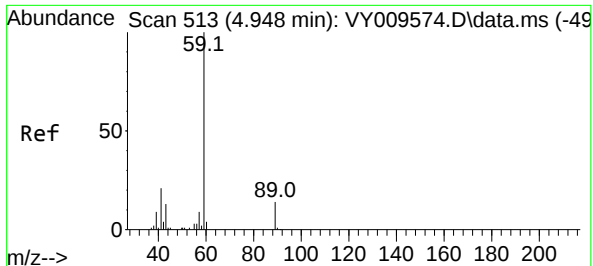
Tgt Ion:168 Resp: 169202
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.654 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

Tgt Ion: 85 Resp: 8394
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY009681.D

Acq: 25 Jul 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :

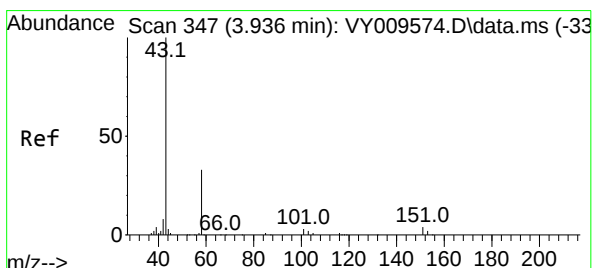
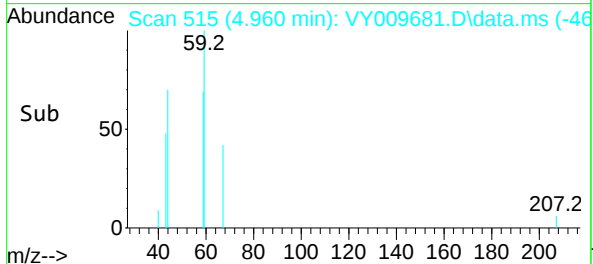
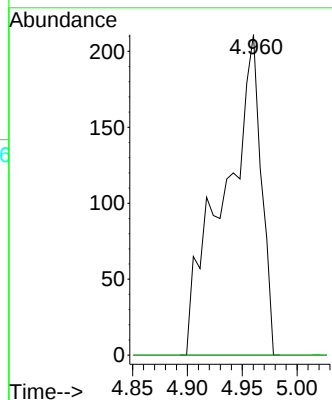
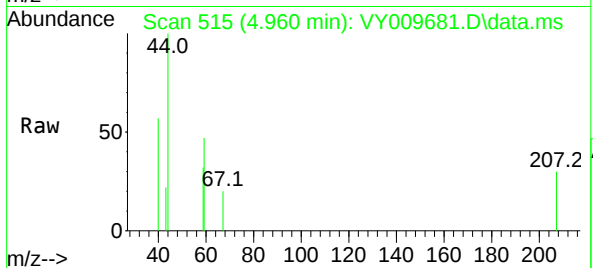
SB-A

Tgt Ion: 59 Resp: 494

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.641 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009681.D

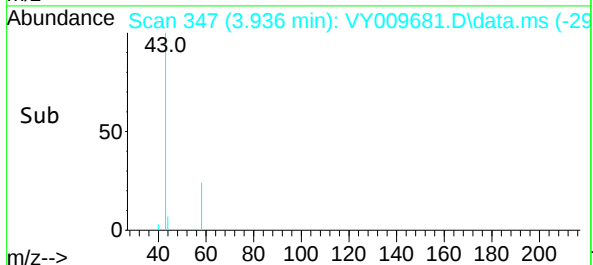
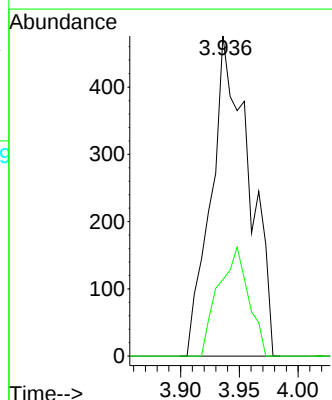
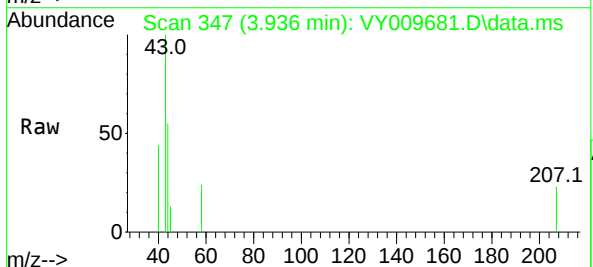
Acq: 25 Jul 2022 13:04

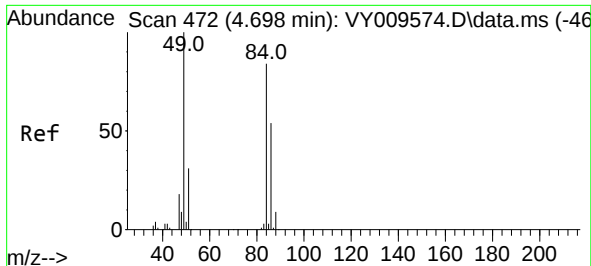
Tgt Ion: 43 Resp: 1069

Ion Ratio Lower Upper

43 100

58 23.9 22.0 33.0

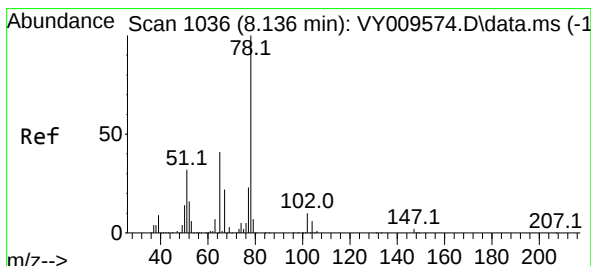
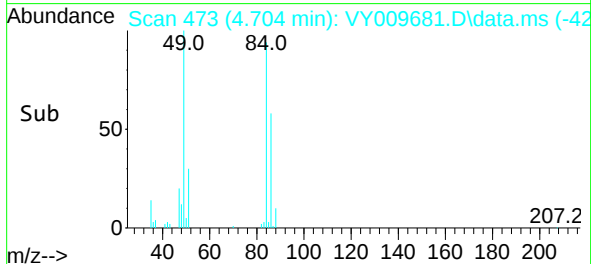
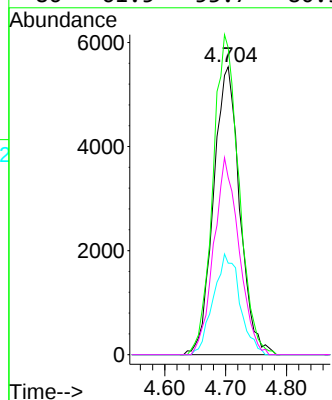
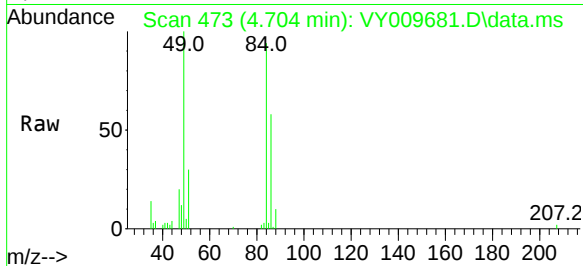




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

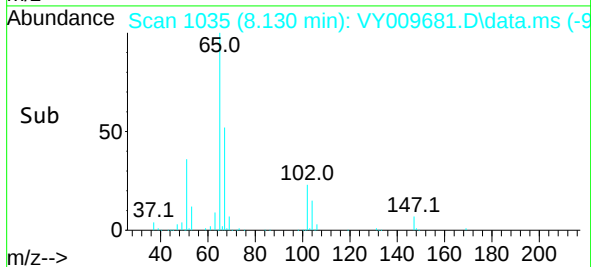
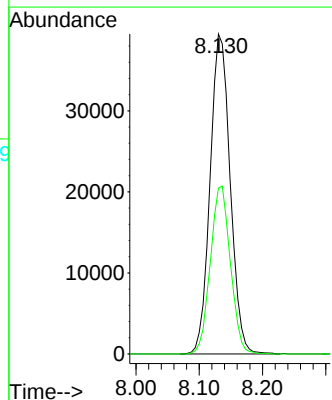
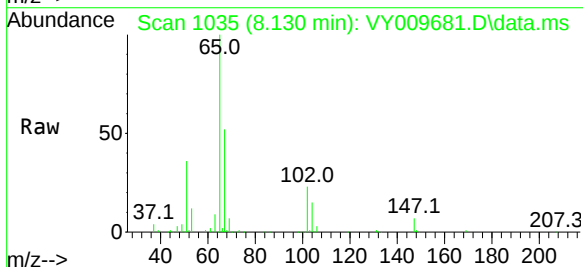
Instrument :
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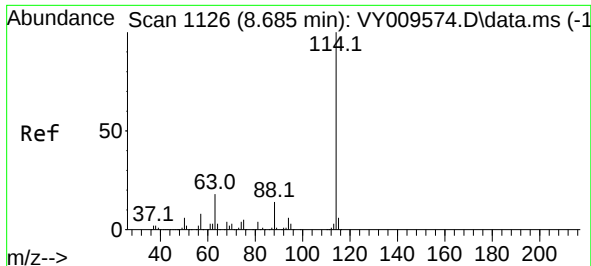
Tgt Ion: 84 Resp: 16508
Ion Ratio Lower Upper
84 100
49 106.6 114.4 171.6#
51 31.8 35.3 52.9#
86 61.5 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 54.461 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

Tgt Ion: 65 Resp: 87151
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4

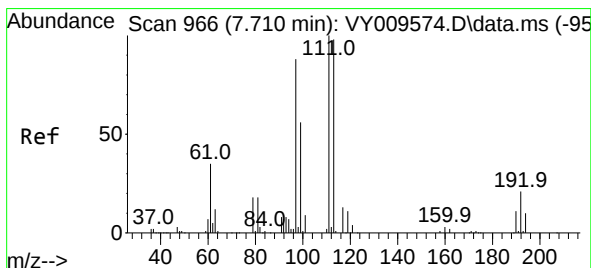
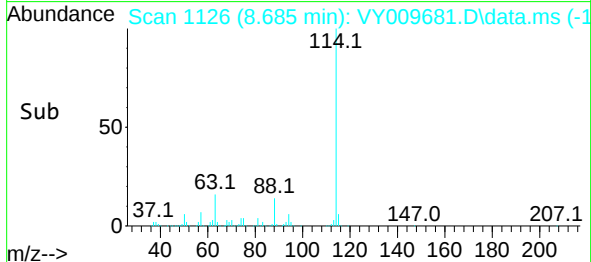
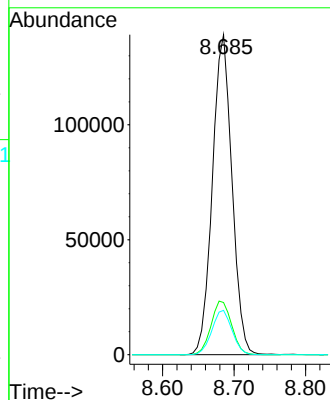
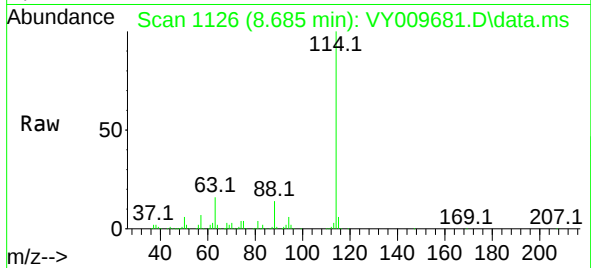




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

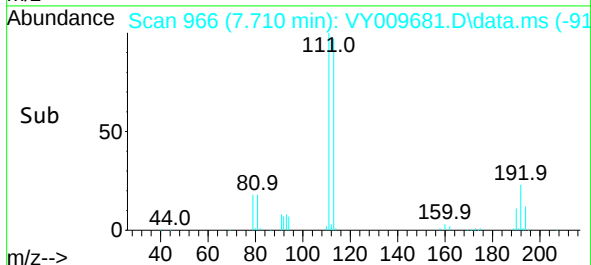
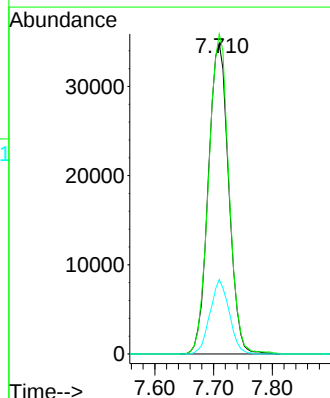
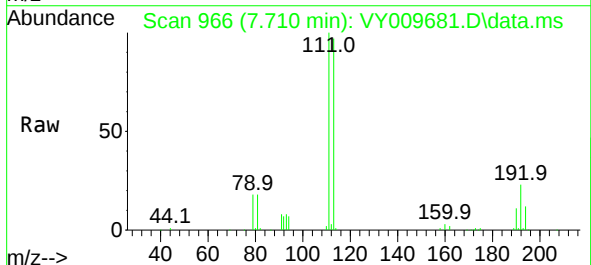
Instrument :
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ClientSampleId :
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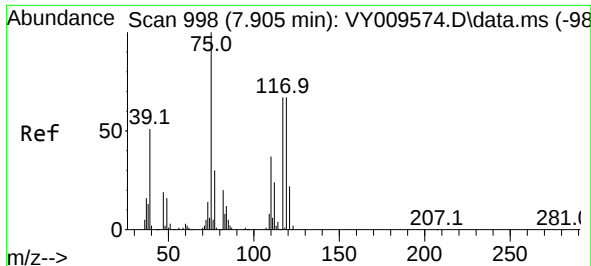
Tgt Ion:114 Resp: 264218
Ion Ratio Lower Upper
114 100
63 16.3 0.0 43.2
88 13.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.356 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

Tgt Ion:113 Resp: 83821
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 22.5 17.6 26.4

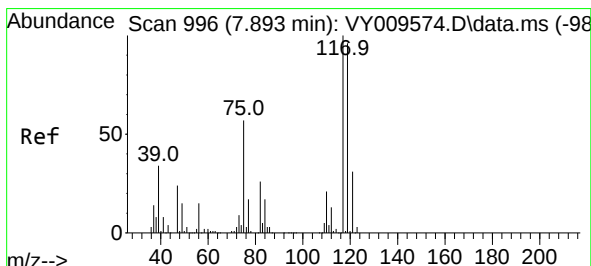
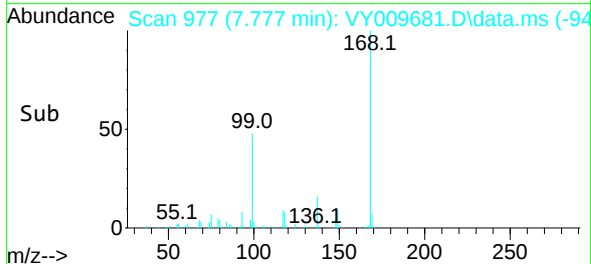
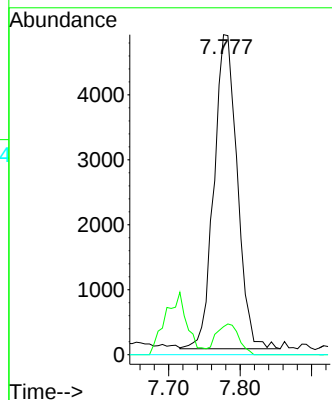
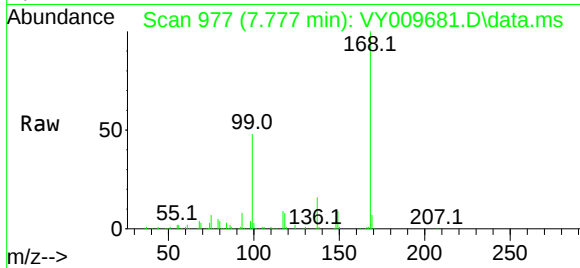




#36
1,1-Dichloropropene
Concen: 4.454 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

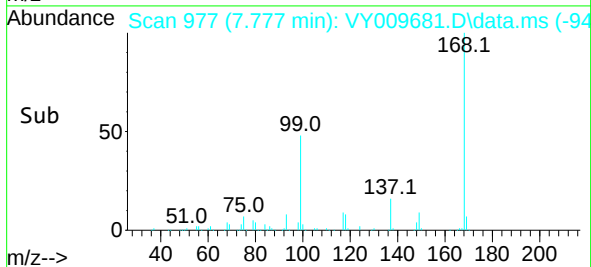
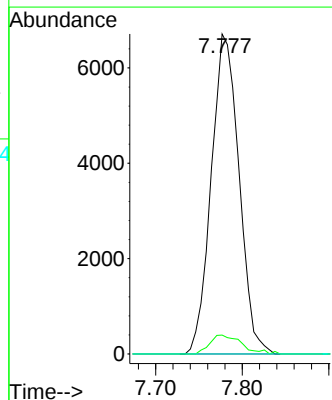
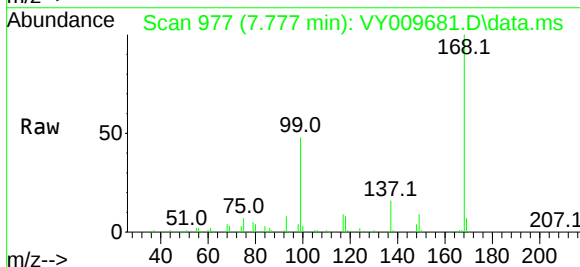
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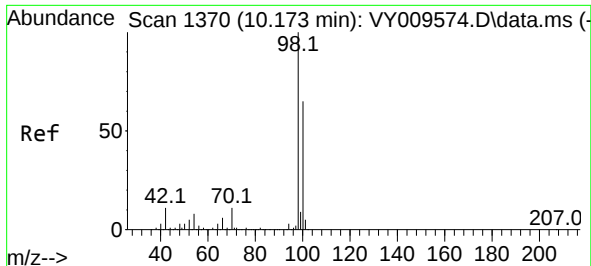
Tgt Ion: 75 Resp: 10957
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

Tgt Ion: 117 Resp: 14950
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

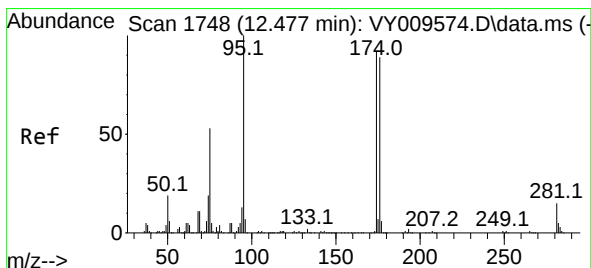
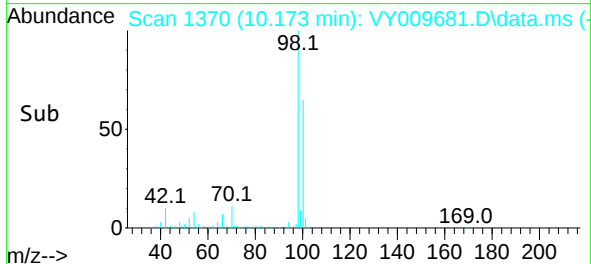
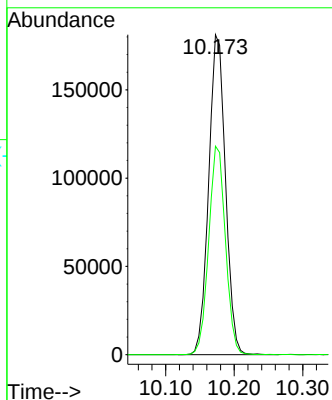
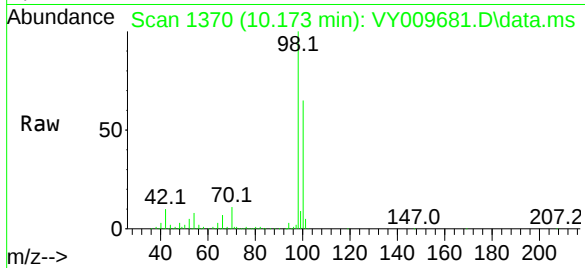




#50
Toluene-d8
Concen: 48.347 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

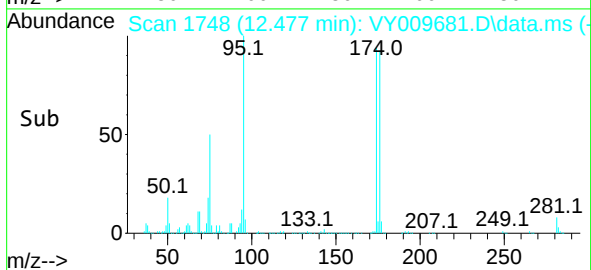
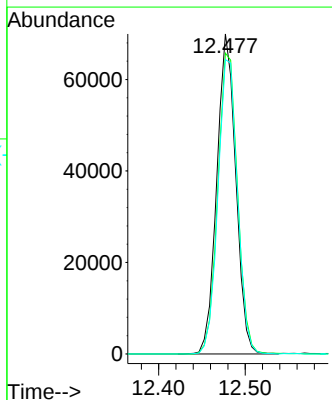
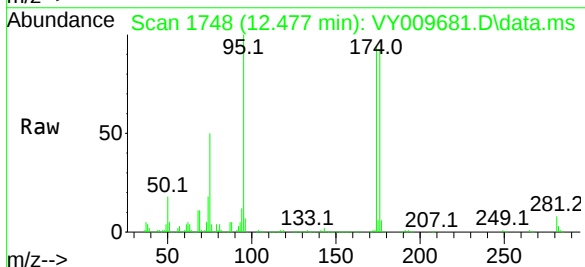
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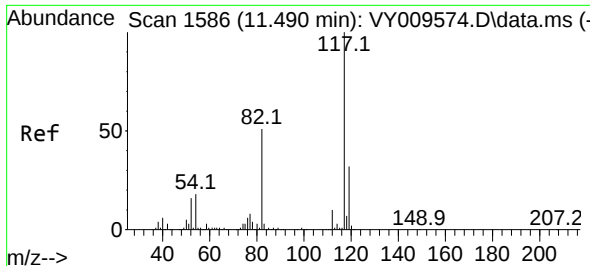
Tgt Ion: 98 Resp: 309379
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.328 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

Tgt Ion: 95 Resp: 106428
Ion Ratio Lower Upper
95 100
174 97.5 0.0 177.0
176 94.6 0.0 175.8

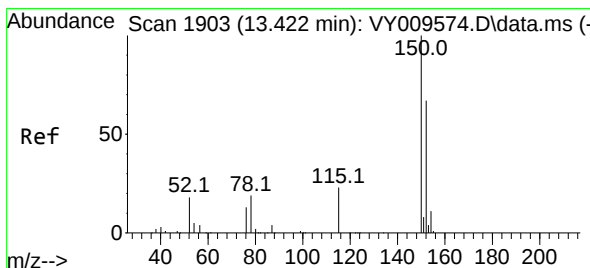
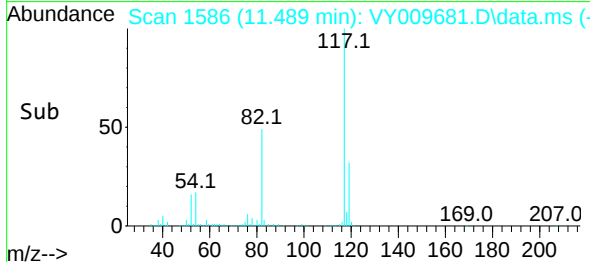
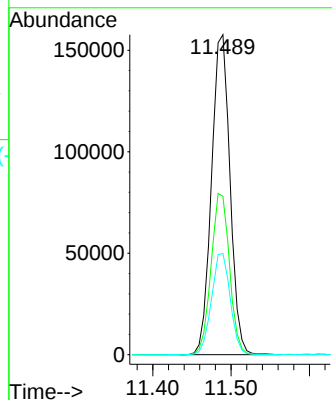
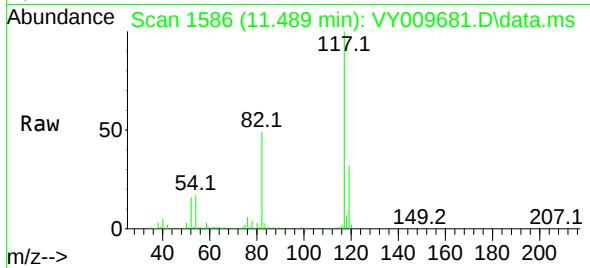




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

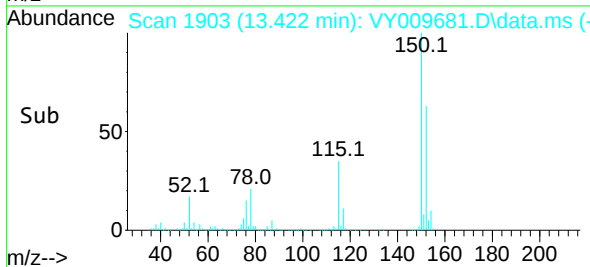
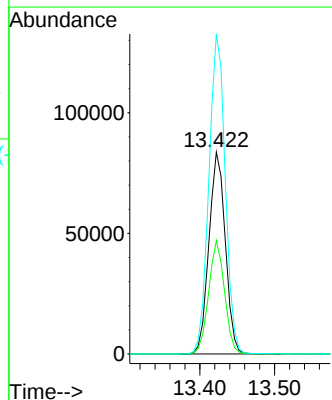
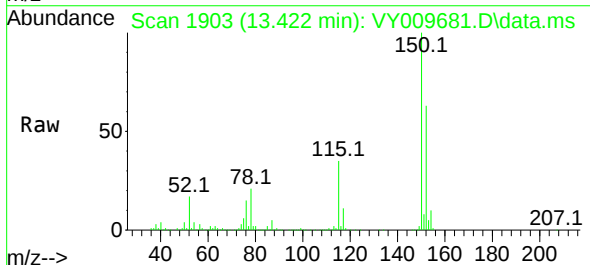
Instrument :
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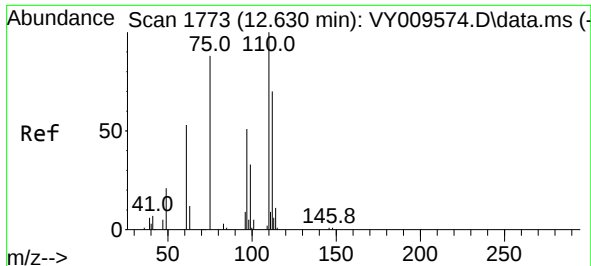
Tgt Ion:117 Resp: 258647
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

Tgt Ion:152 Resp: 127700
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 158.0 0.0 347.6

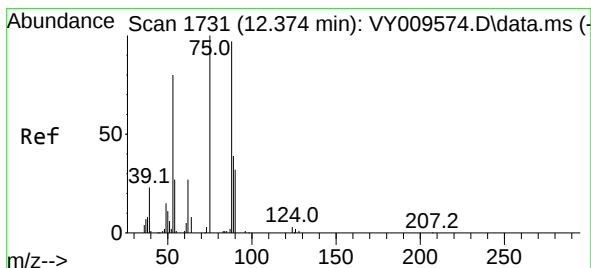
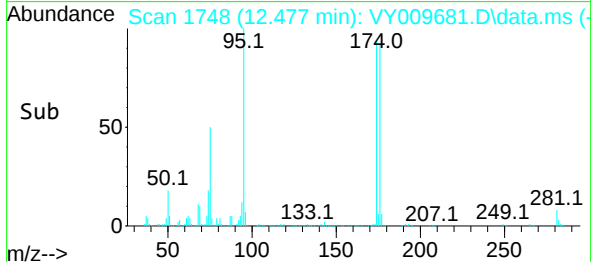
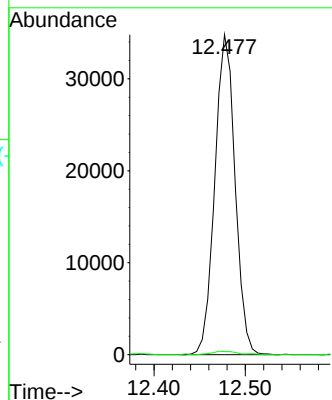
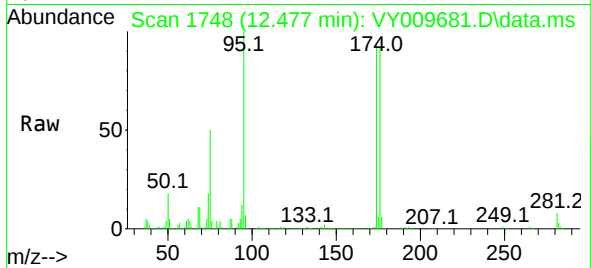




#76
1,2,3-Trichloropropane
Concen: 44.052 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

Instrument :
MSVOA_Y
ClientSampleId :
SB-A

Tgt Ion: 75 Resp: 53588
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.860 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009681.D
Acq: 25 Jul 2022 13:04

Tgt Ion: 75 Resp: 53588
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

