

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009458.D
 Acq On : 06 Jul 2022 16:52
 Operator : KP/MD
 Sample : N3589-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1

Quant Time: Jul 07 01:50:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

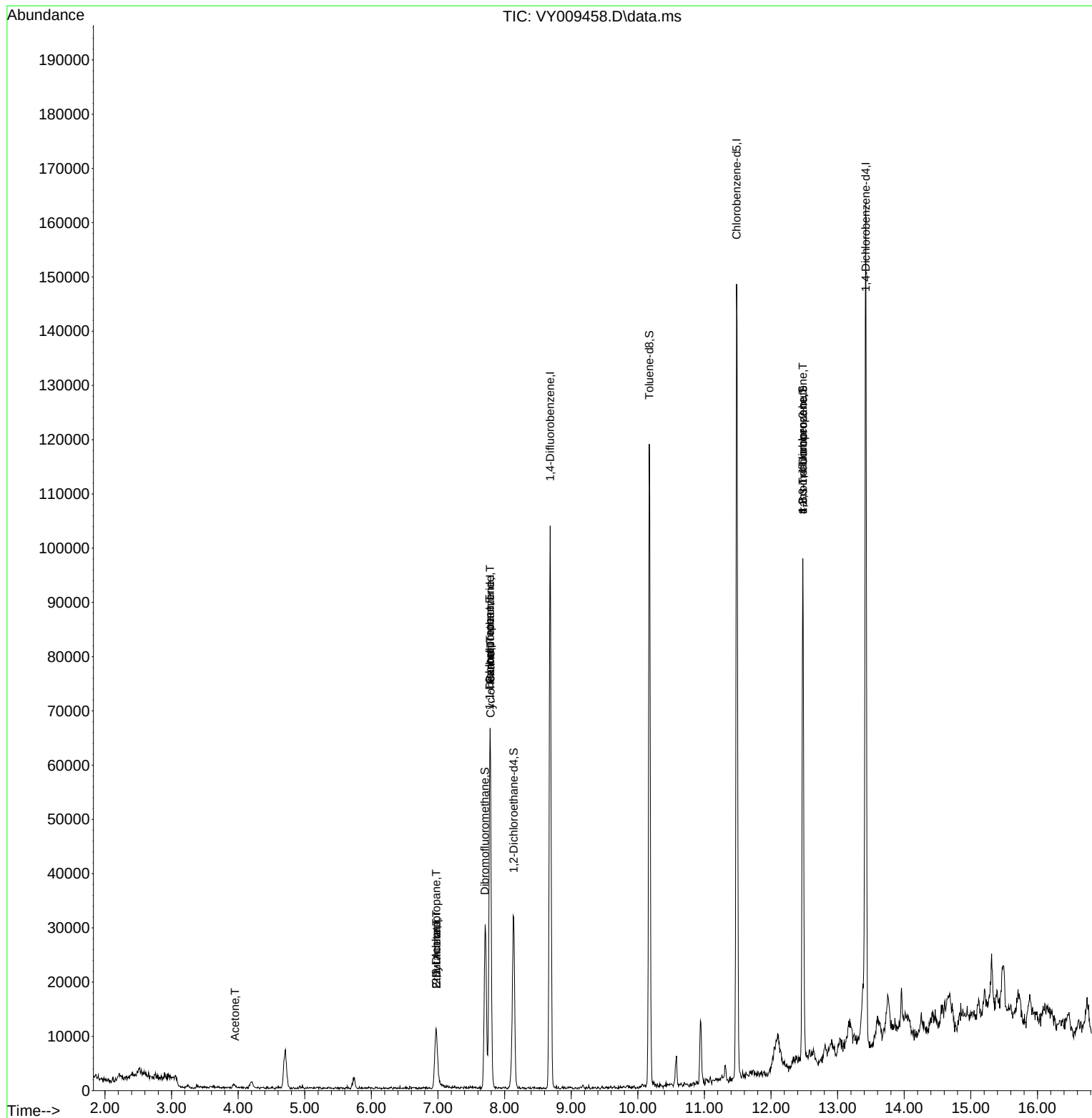
Internal Standards						
1) Pentafluorobenzene	7.782	168	51570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	85268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	81398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	24397	59.065	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.120%			
35) Dibromofluoromethane	7.703	113	20897	44.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.060%			
50) Toluene-d8	10.172	98	75625	52.559	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.477	95	26406	38.695	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 77.400%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.929	59	343	Below Cal	#	77
16) Acetone	3.954	43	1258	9.274	ug/l #	88
18) Methyl Acetate	4.490	43	31	Below Cal	#	56
25) 2-Butanone	6.978	43	792	3.683	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	976	1.023	ug/l #	55
31) Cyclohexane	7.789	56	1256	1.352	ug/l #	32
36) 1,1-Dichloropropene	7.776	75	4067	4.956	ug/l #	48
37) Ethyl Acetate	6.978	43	792	1.628	ug/l #	25
38) Carbon Tetrachloride	7.782	117	4783	5.577	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	13846	31.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13846	69.269	ug/l #	7

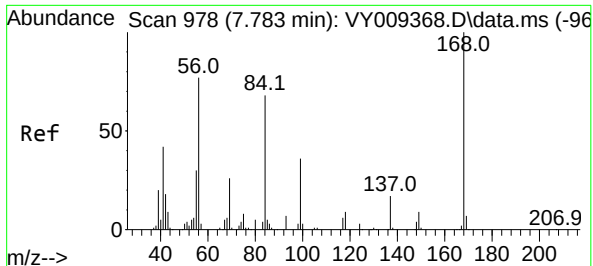
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

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MSVOA_Y
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Quant Time: Jul 07 01:50:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
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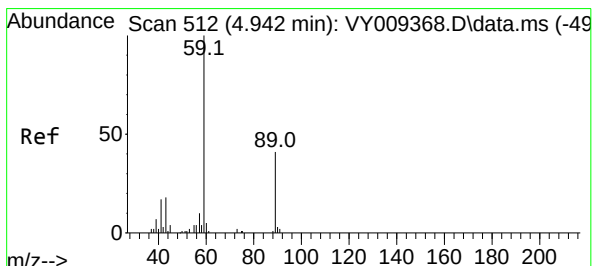
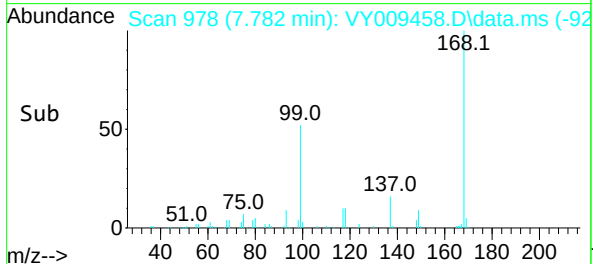
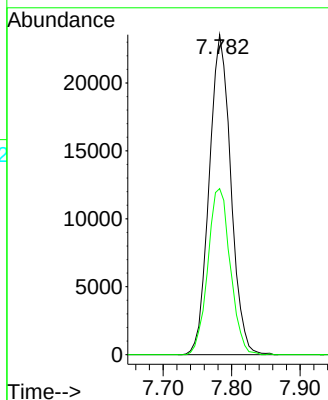
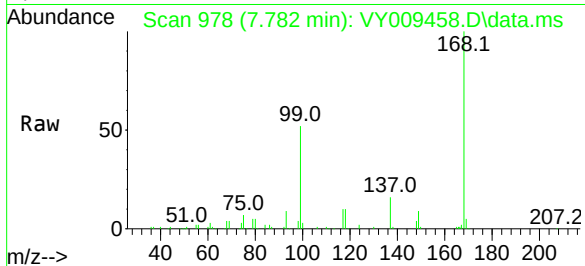




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

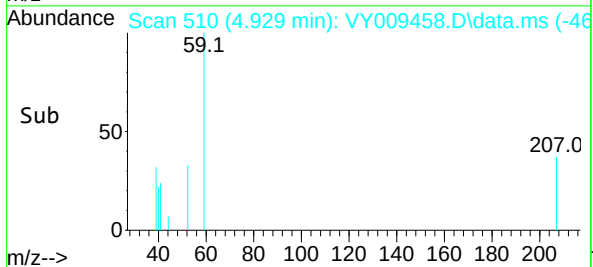
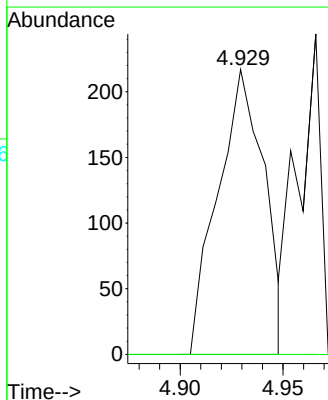
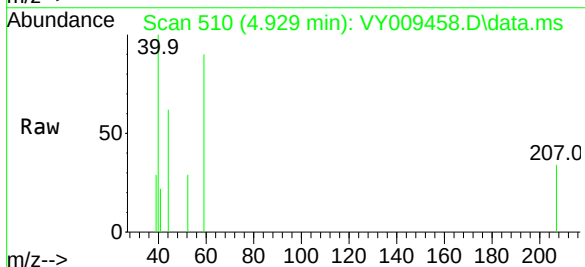
Instrument :
MSVOA_Y
ClientSampleId :
C-1

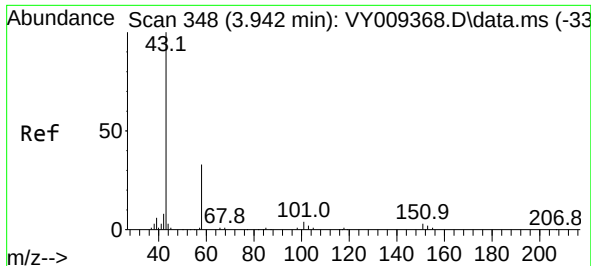
Tgt Ion:168 Resp: 51570
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 510
Delta R.T. -0.013 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

Tgt Ion: 59 Resp: 343
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

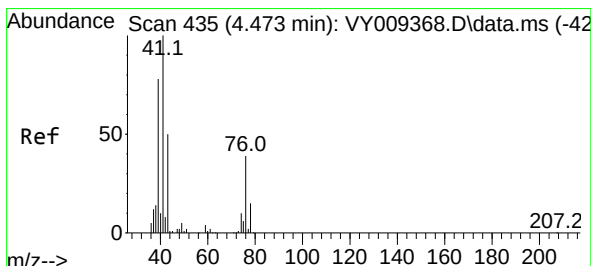
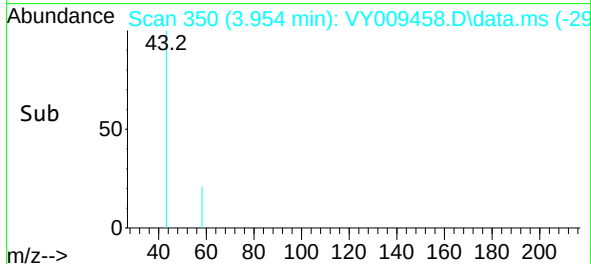
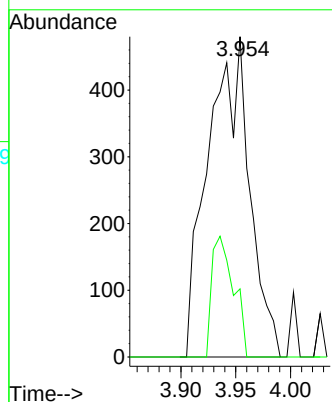
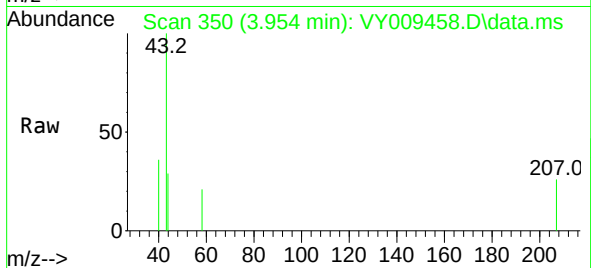




#16
Acetone
Concen: 9.274 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

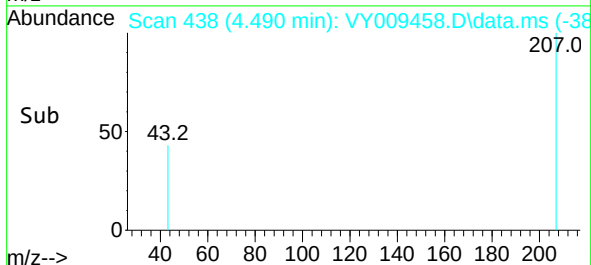
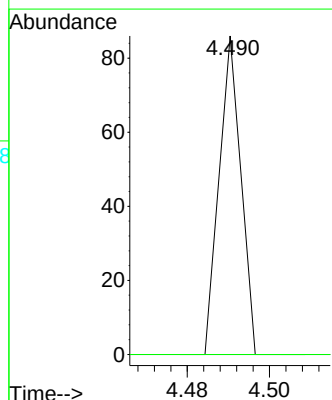
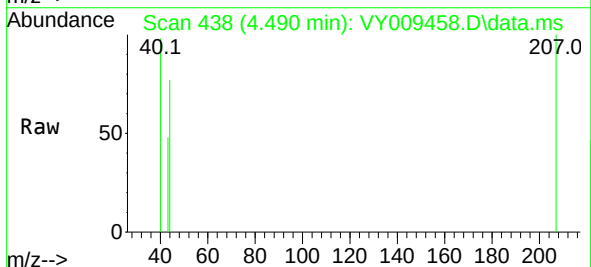
Instrument :
MSVOA_Y
ClientSampleId :
C-1

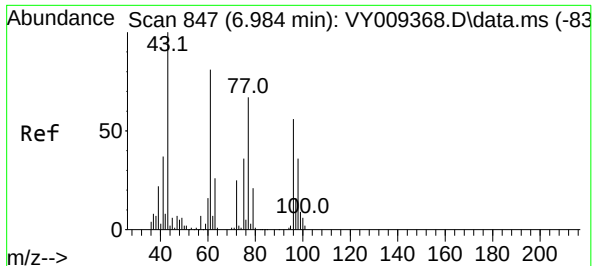
Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
58 21.3 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.490 min Scan# 438
Delta R.T. 0.017 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

Tgt Ion: 43 Resp: 31
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#25

2-Butanone

Concen: 3.683 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY009458.D

Acq: 06 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

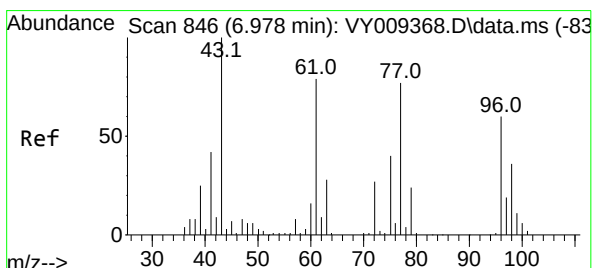
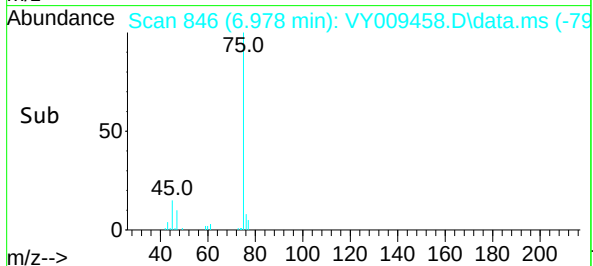
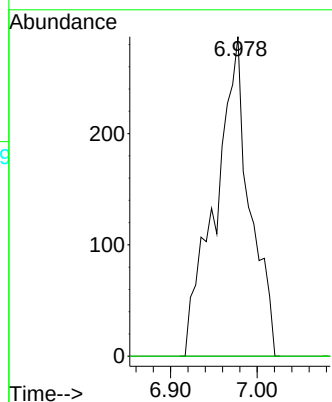
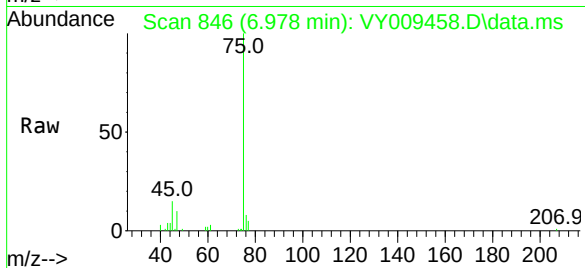
C-1

Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.023 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009458.D

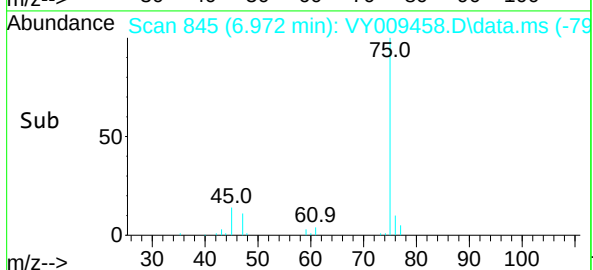
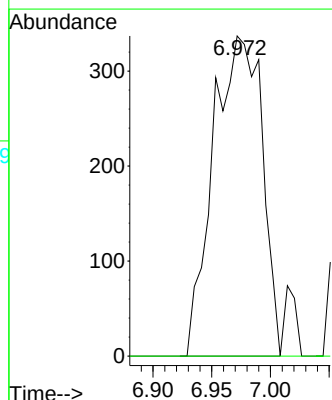
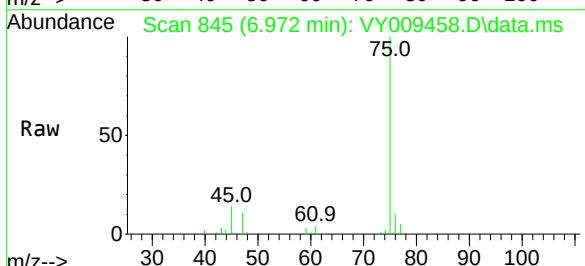
Acq: 06 Jul 2022 16:52

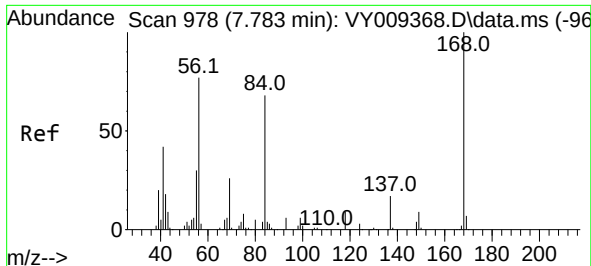
Tgt Ion: 77 Resp: 976

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

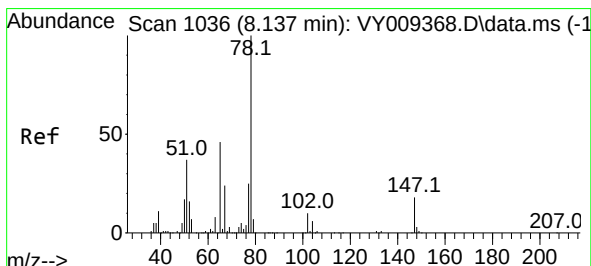
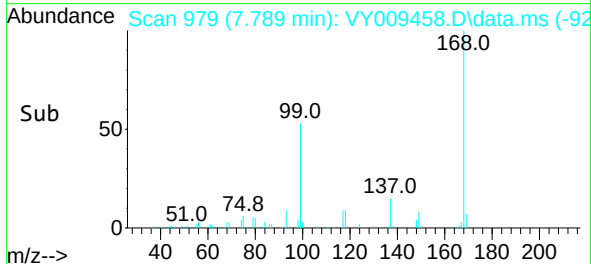
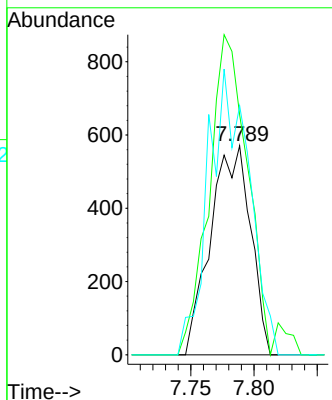
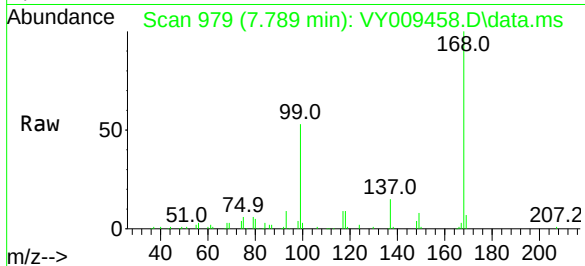




#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

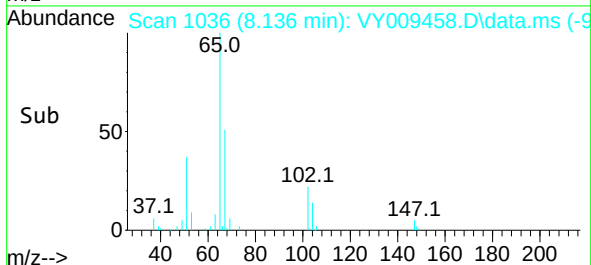
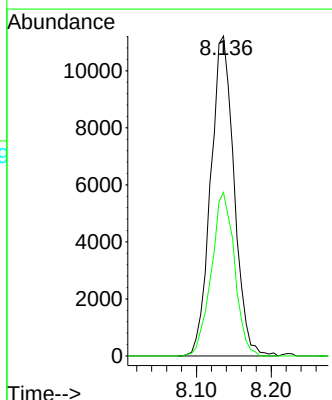
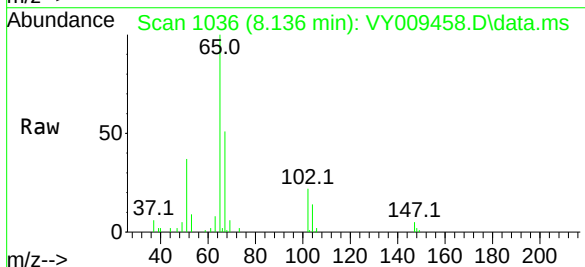
Instrument :
MSVOA_Y
ClientSampleId :
C-1

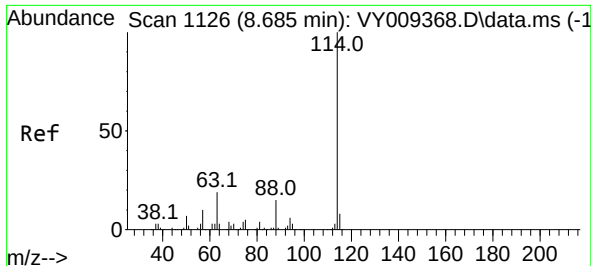
Tgt Ion: 56 Resp: 1256
Ion Ratio Lower Upper
56 100
69 114.7 26.7 40.1#
84 119.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.065 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

Tgt Ion: 65 Resp: 24397
Ion Ratio Lower Upper
65 100
67 50.6 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: VY009458.D

Acq: 06 Jul 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

C-1

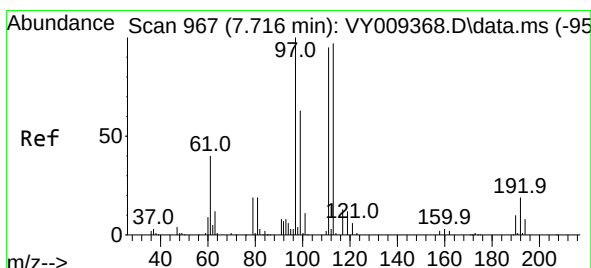
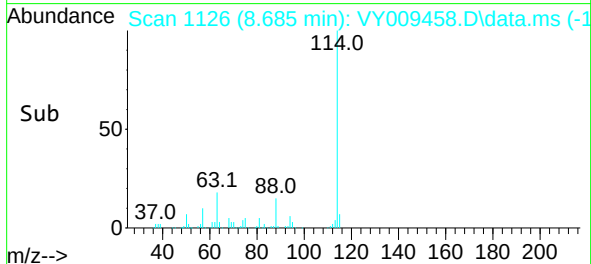
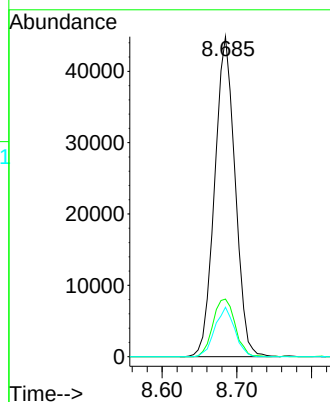
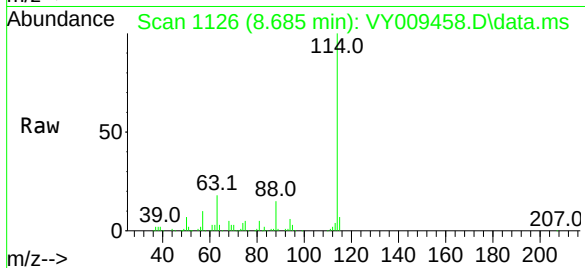
Tgt Ion:114 Resp: 85268

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.529 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.007 min

Lab File: VY009458.D

Acq: 06 Jul 2022 16:52

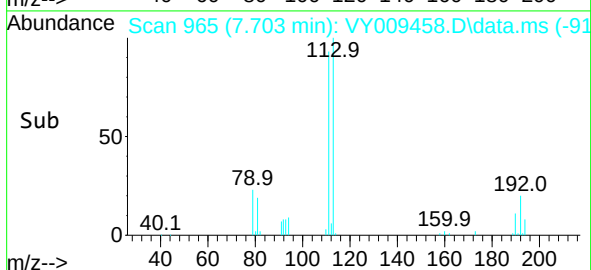
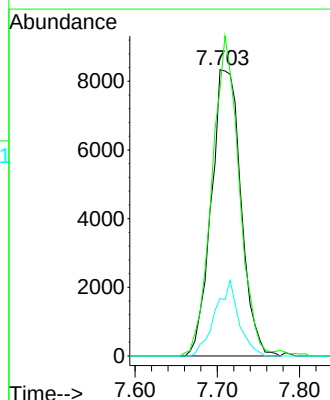
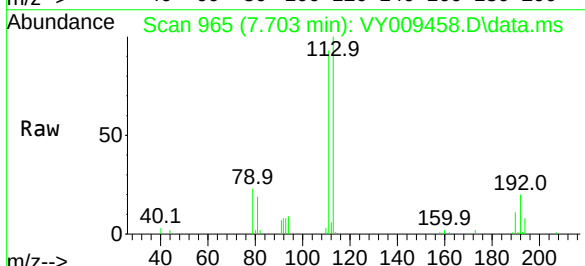
Tgt Ion:113 Resp: 20897

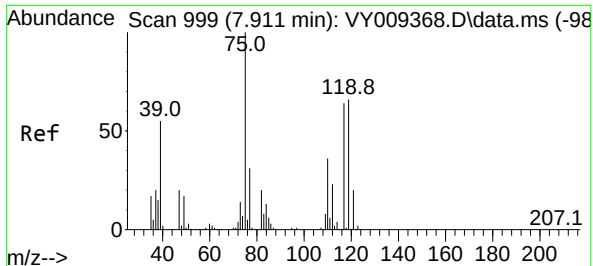
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 21.0 17.6 26.4

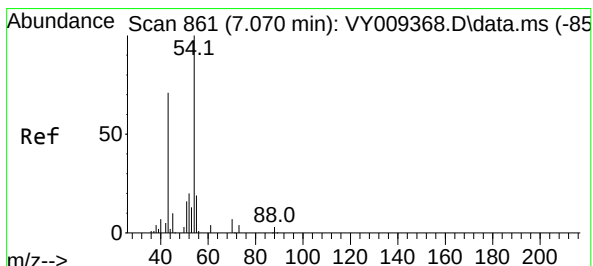
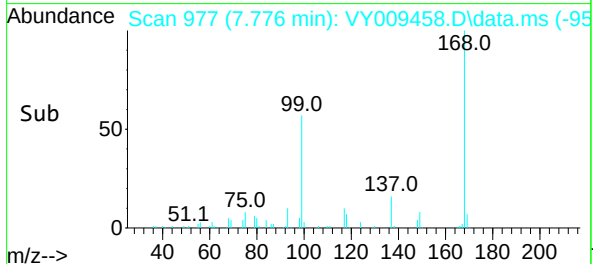
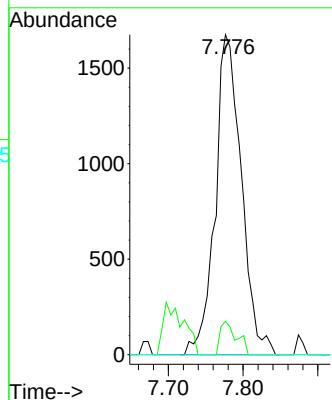
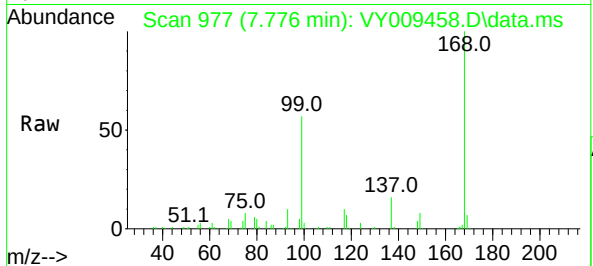




#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.135 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

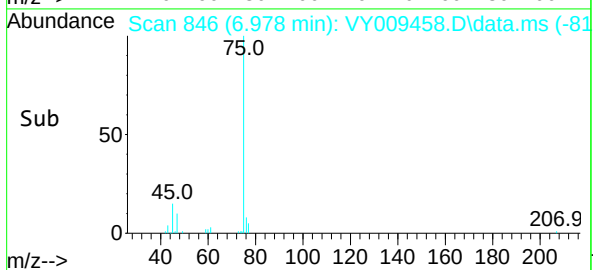
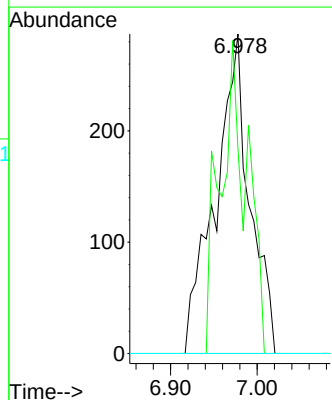
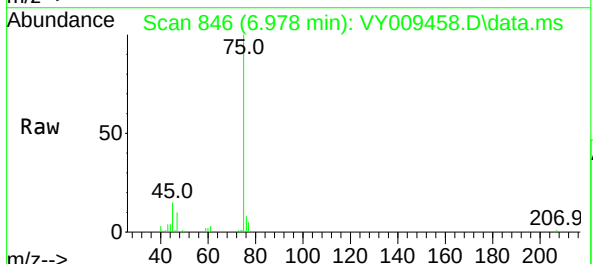
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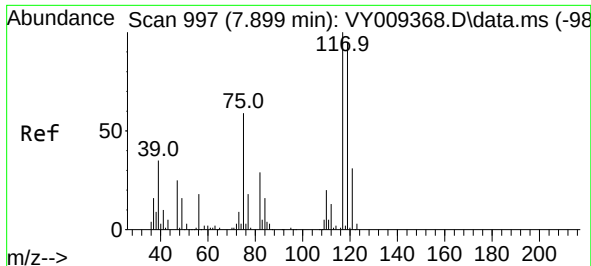
Tgt Ion: 75 Resp: 4067
Ion Ratio Lower Upper
75 100
110 6.6 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.628 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
61 55.9 9.7 14.5#
70 0.0 7.1 10.7#

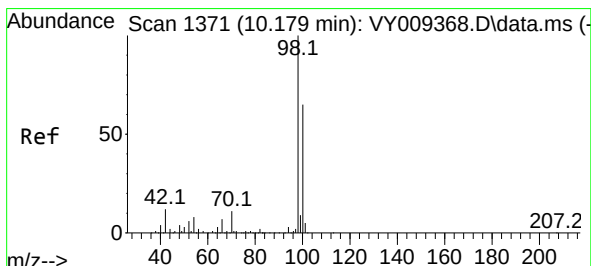
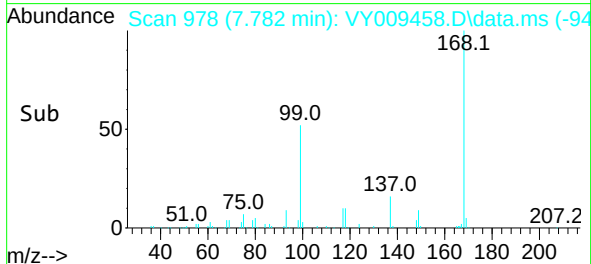
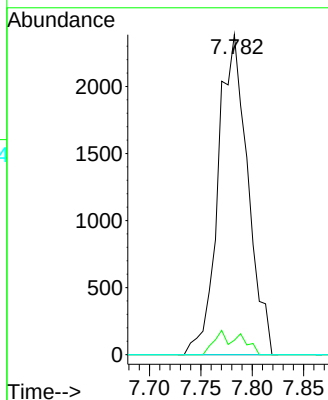
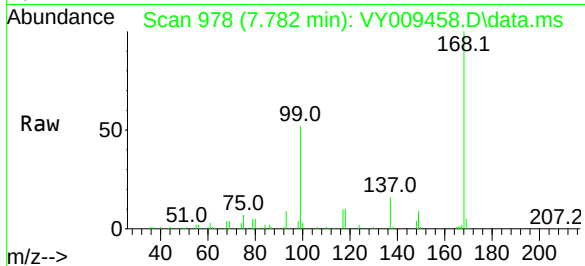




#38
Carbon Tetrachloride
Concen: 5.577 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.111 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

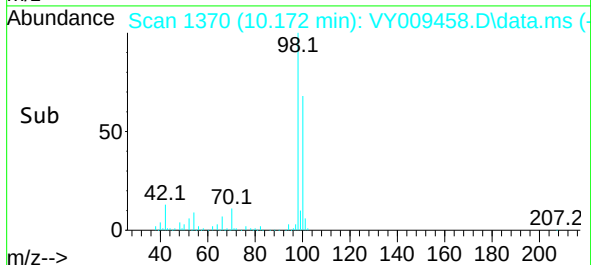
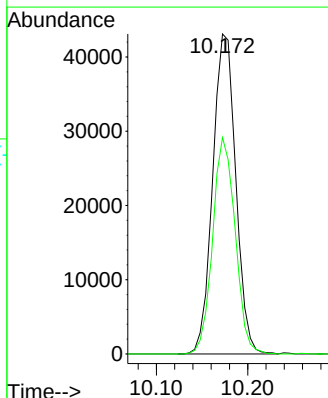
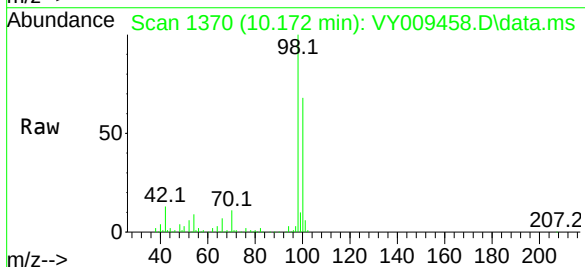
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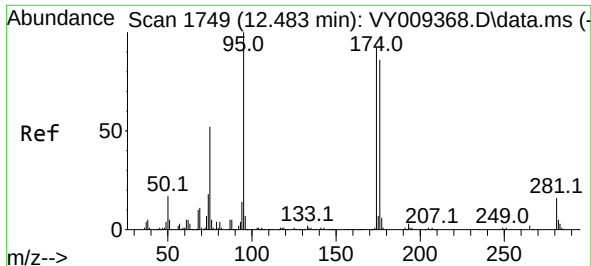
Tgt Ion:117 Resp: 4783
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.559 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

Tgt Ion: 98 Resp: 75625
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

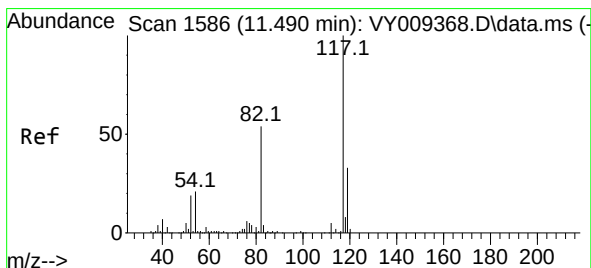
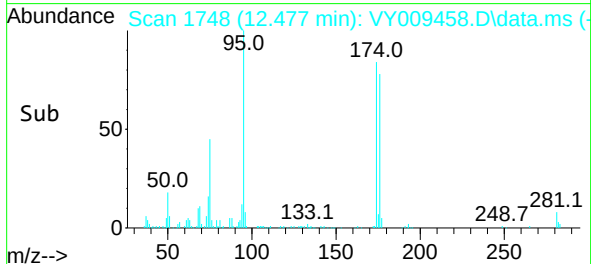
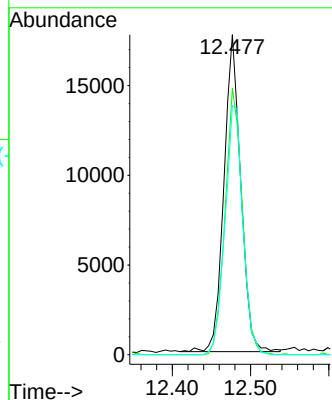
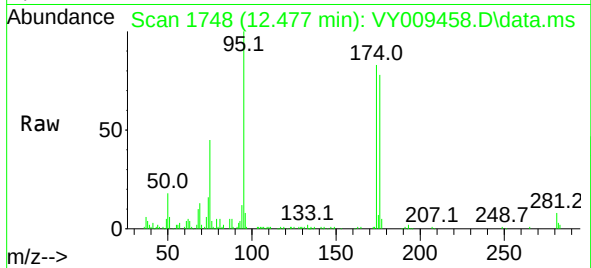




#62
4-Bromofluorobenzene
Concen: 38.695 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

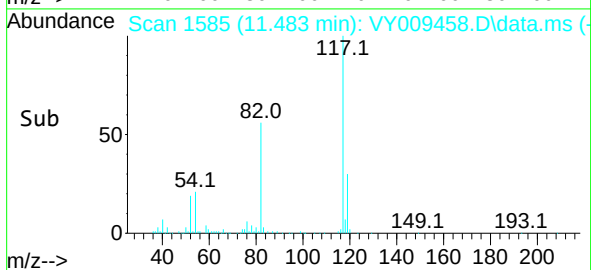
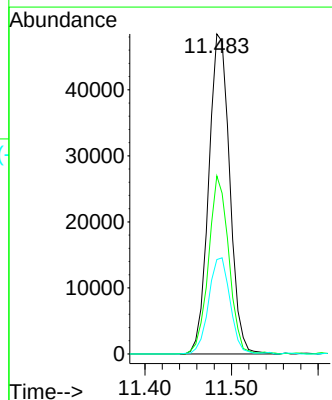
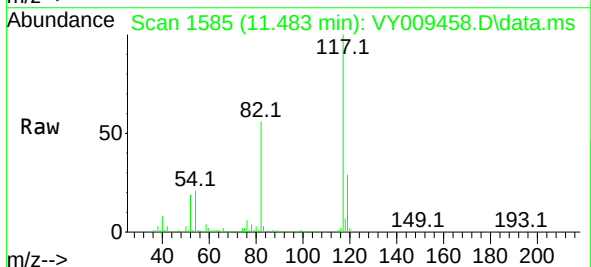
Instrument :
MSVOA_Y
ClientSampleId :
C-1

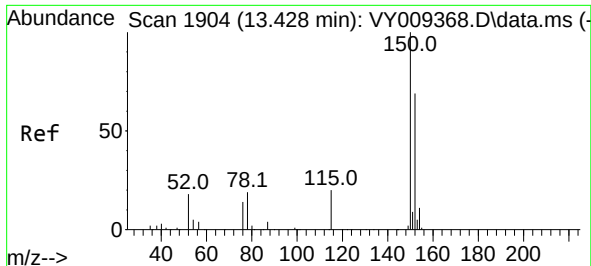
Tgt Ion: 95 Resp: 26406
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 83.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

Tgt Ion: 117 Resp: 81398
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 29.5 25.4 38.0

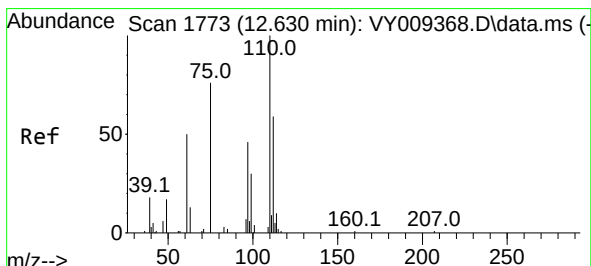
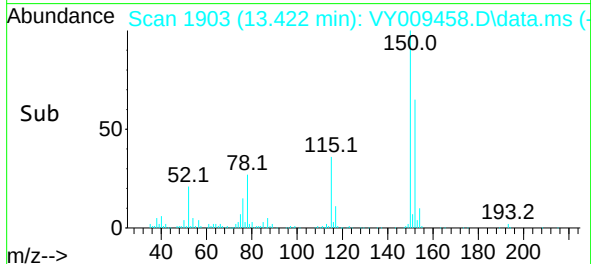
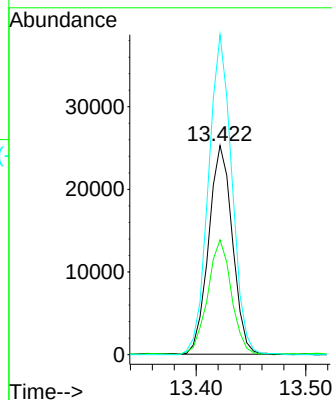
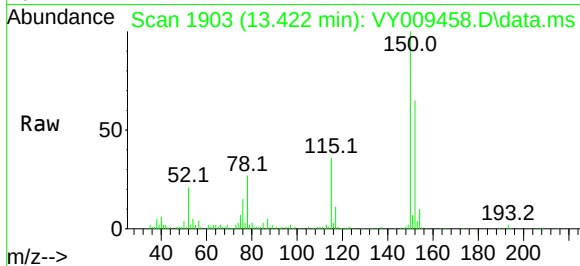




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

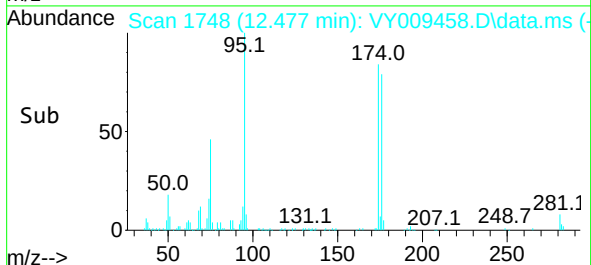
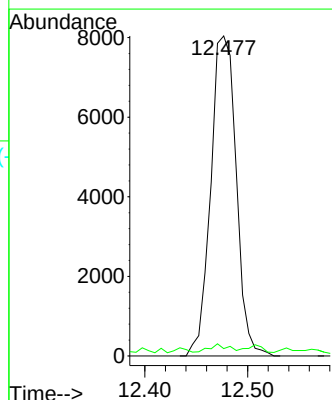
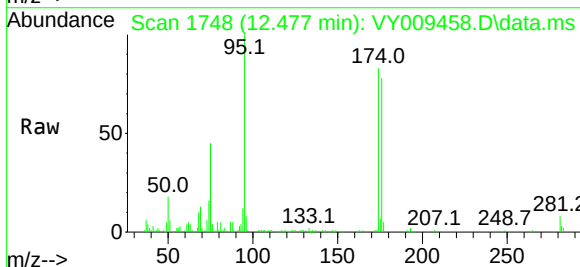
Instrument :
MSVOA_Y
ClientSampleId :
C-1

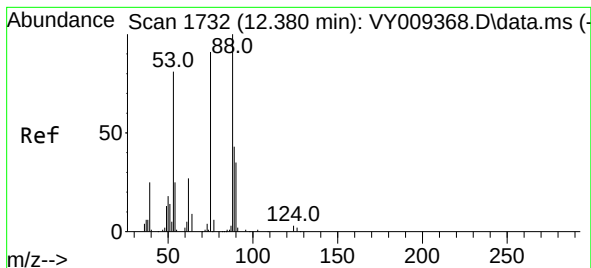
Tgt Ion:152 Resp: 38003
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 151.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 31.111 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009458.D
Acq: 06 Jul 2022 16:52

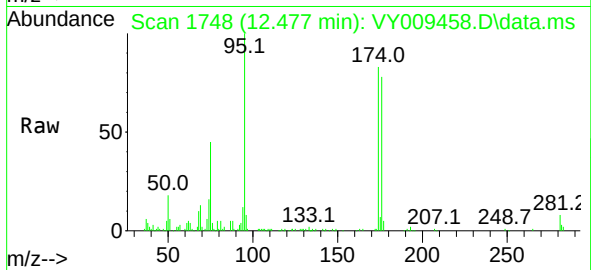
Tgt Ion: 75 Resp: 13846
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.269 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009458.D
 Acq: 06 Jul 2022 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.4	37.0	55.4#

