

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009943.D
 Acq On : 10 Aug 2022 02:06
 Operator : KP/MD
 Sample : N4017-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB07

Quant Time: Aug 10 08:13:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

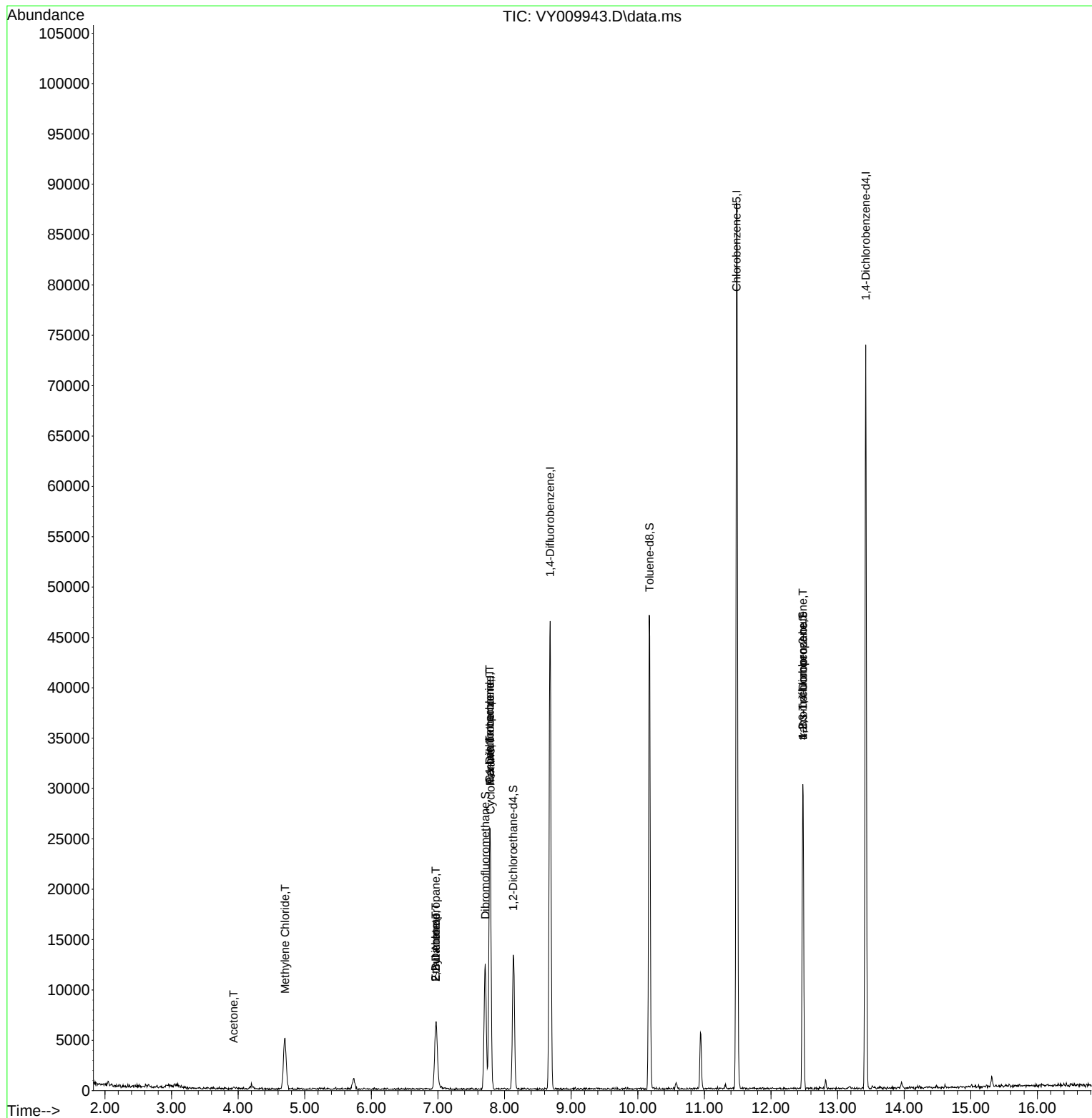
Internal Standards						
1) Pentafluorobenzene	7.783	168	20117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	40328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	48102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	10013	65.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.680%	
35) Dibromofluoromethane	7.710	113	8857	40.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.920%	
50) Toluene-d8	10.179	98	29892	44.312	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.620%	
62) 4-Bromofluorobenzene	12.477	95	9313	30.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	330	5.815	ug/l #	45
18) Methyl Acetate	4.198	43	103	Below Cal	#	52
20) Methylene Chloride	4.704	84	3909	6.939	ug/l	86
25) 2-Butanone	6.966	43	404	4.323	ug/l #	48
26) 2,2-Dichloropropane	6.966	77	522	1.486	ug/l #	52
31) Cyclohexane	7.789	56	450	1.152	ug/l #	2
36) 1,1-Dichloropropene	7.777	75	1663	4.502	ug/l #	46
37) Ethyl Acetate	6.966	43	404	1.648	ug/l #	1
38) Carbon Tetrachloride	7.777	117	1978	5.395	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	4651	23.286	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4651	47.078	ug/l #	13

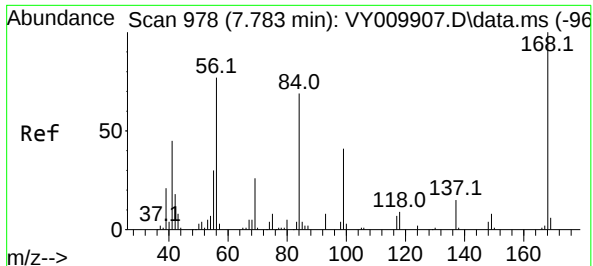
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
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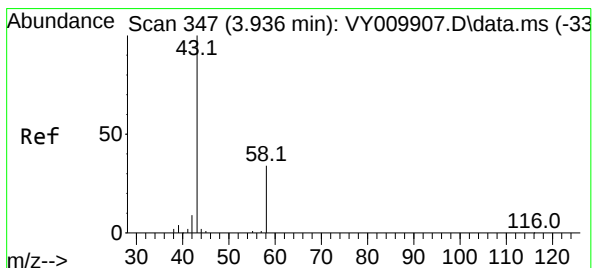
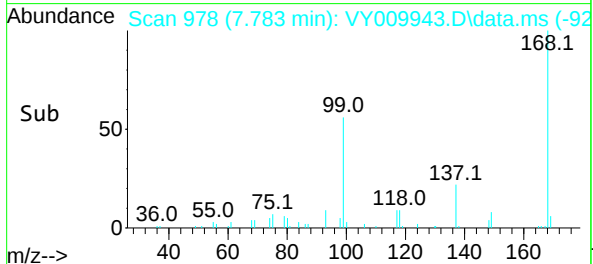
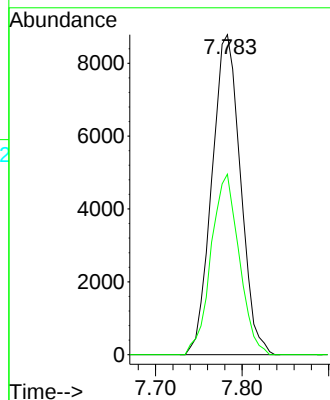
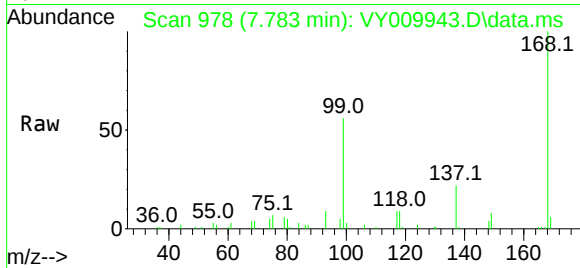




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

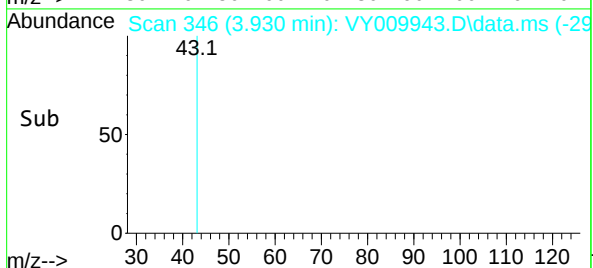
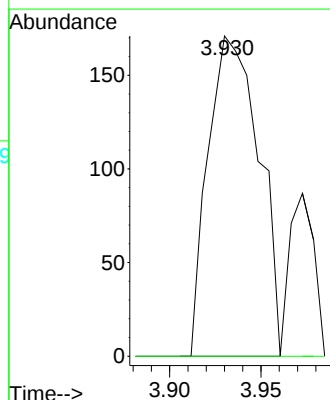
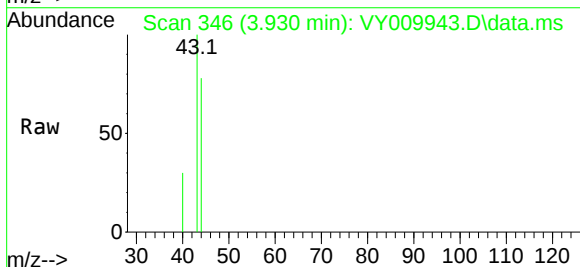
Instrument :
MSVOA_Y
ClientSampleId :
SB07

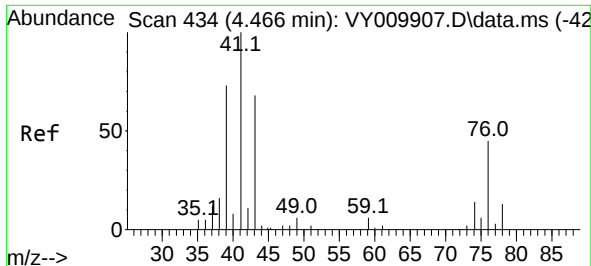
Tgt Ion:168 Resp: 20117
Ion Ratio Lower Upper
168 100
99 56.4 42.1 63.1



#16
Acetone
Concen: 5.815 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Tgt Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

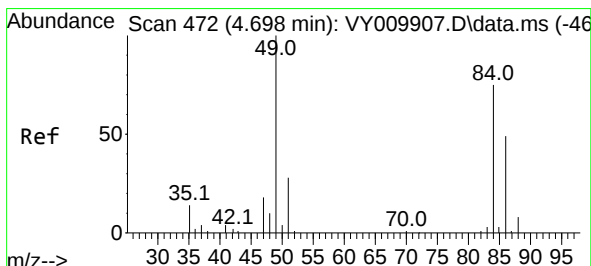
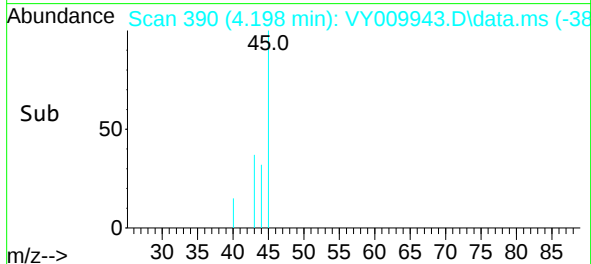
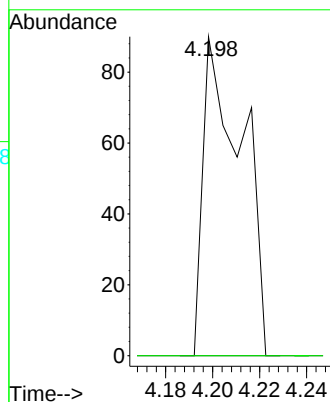
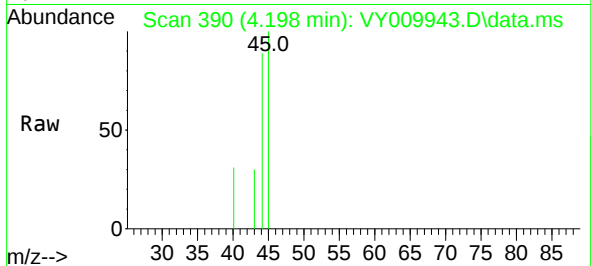




#18
Methyl Acetate
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. -0.268 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

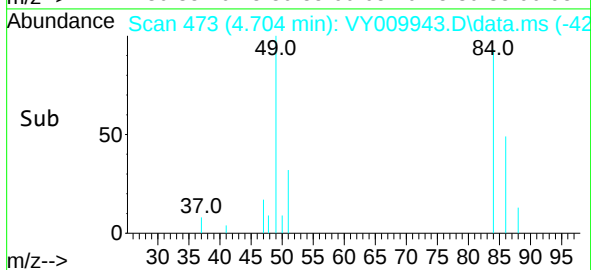
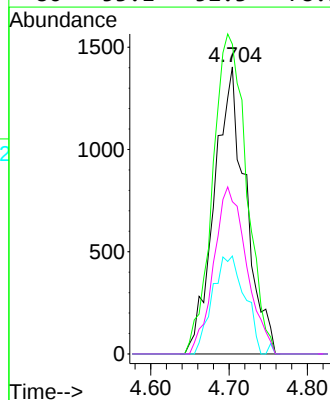
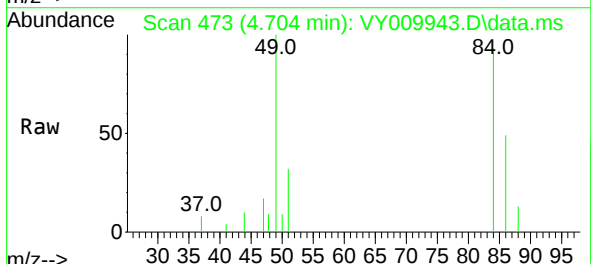
Instrument :
MSVOA_Y
ClientSampleId :
SB07

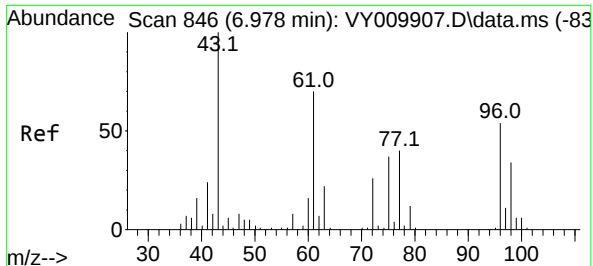
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 6.939 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Tgt Ion: 84 Resp: 3909
Ion Ratio Lower Upper
84 100
49 107.9 98.2 147.4
51 34.1 33.4 50.0
86 53.1 52.3 78.5





#25

2-Butanone

Concen: 4.323 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY009943.D

Acq: 10 Aug 2022 02:06

Instrument :

MSVOA_Y

ClientSampleId :

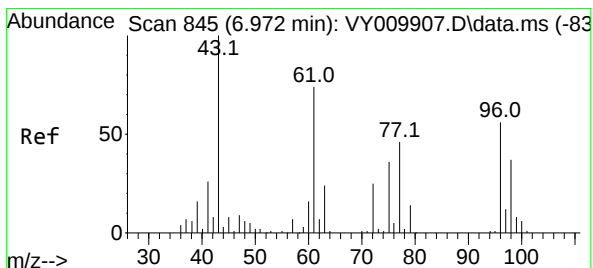
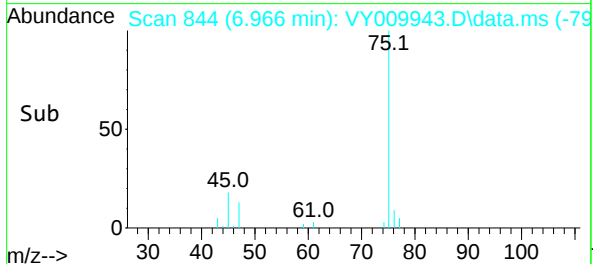
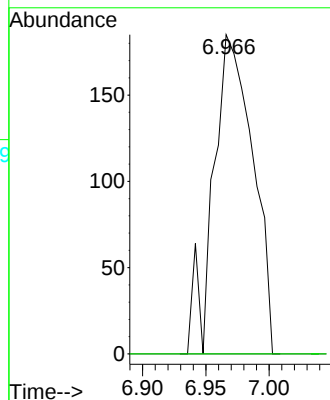
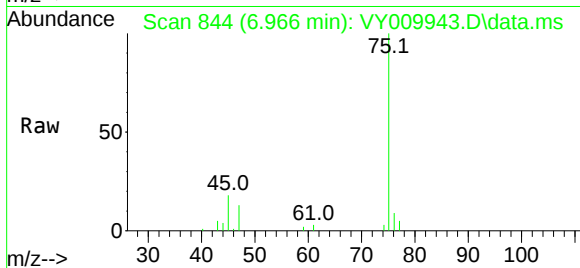
SB07

Tgt Ion: 43 Resp: 404

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 1.486 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009943.D

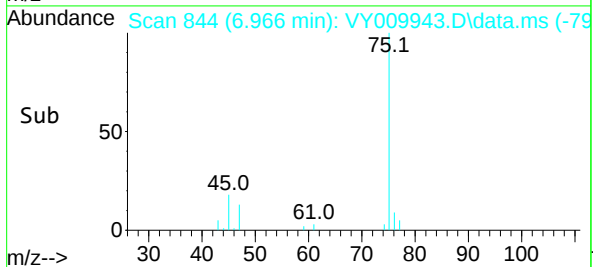
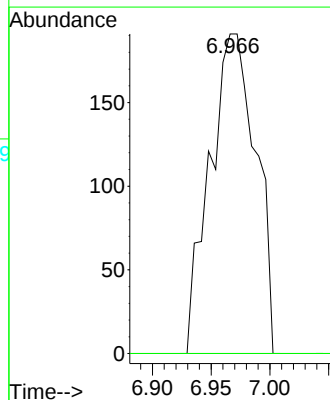
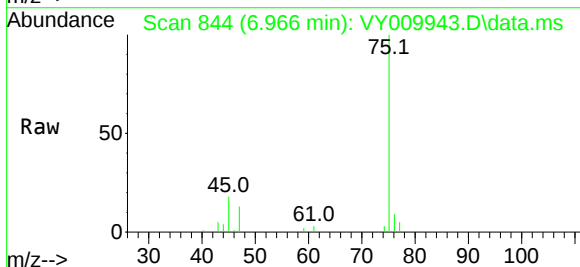
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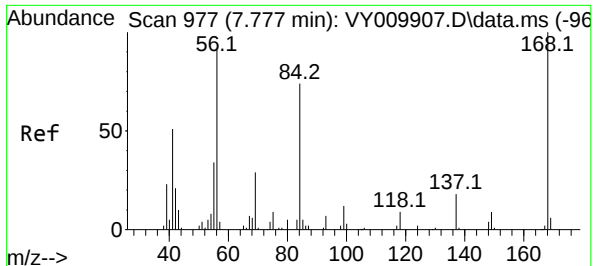
Tgt Ion: 77 Resp: 522

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#

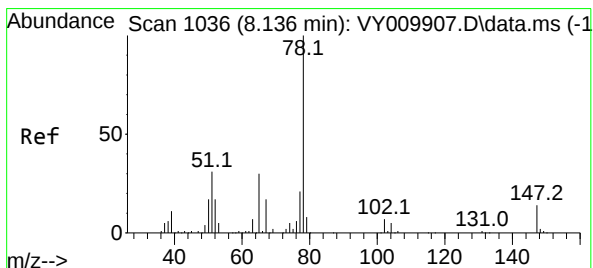
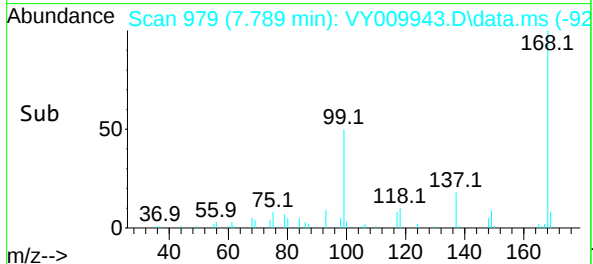
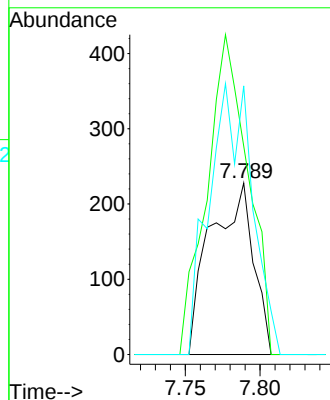
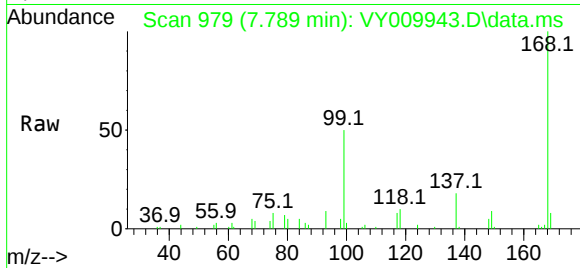




#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

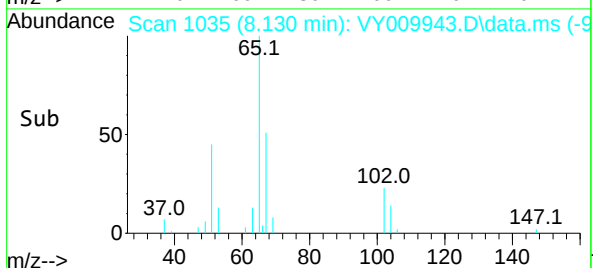
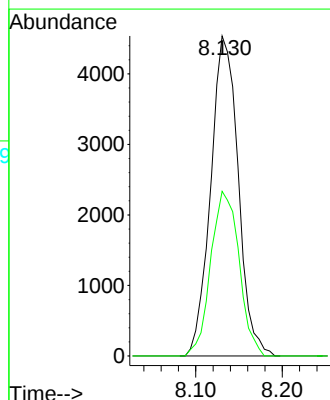
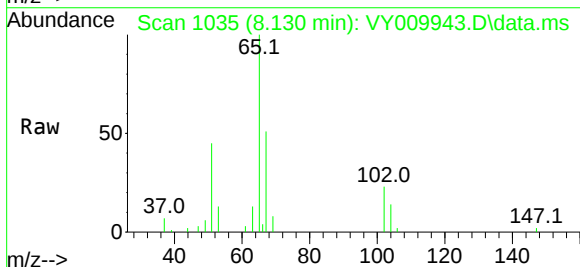
Instrument :
MSVOA_Y
ClientSampleId :
SB07

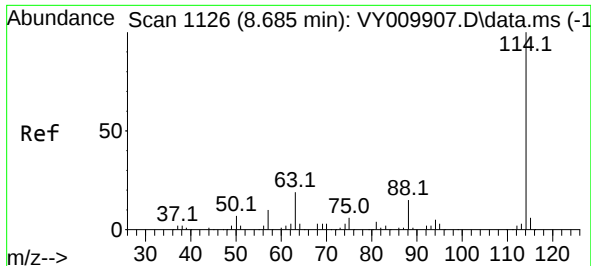
Tgt Ion: 56 Resp: 450
Ion Ratio Lower Upper
56 100
69 121.5 26.0 39.0#
84 156.6 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 65.344 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Tgt Ion: 65 Resp: 10013
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009943.D

Acq: 10 Aug 2022 02:06

Instrument :

MSVOA_Y

ClientSampleId :

SB07

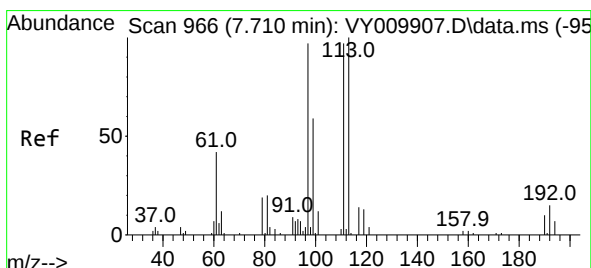
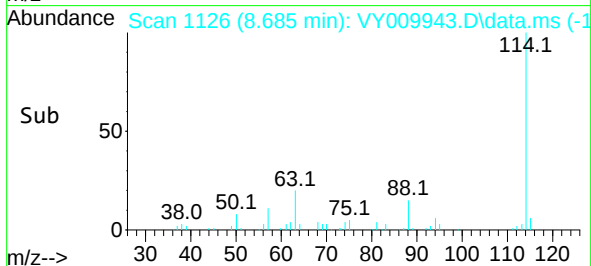
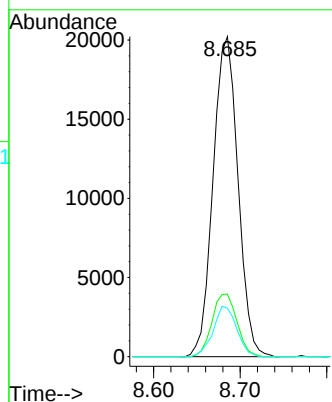
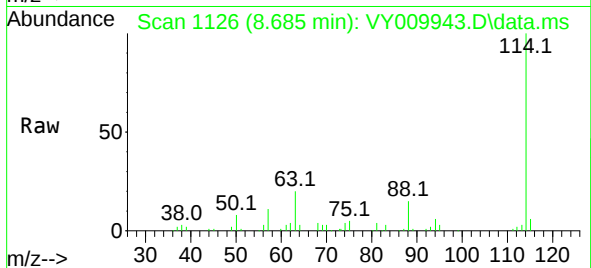
Tgt Ion:114 Resp: 40328

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 15.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 40.458 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009943.D

Acq: 10 Aug 2022 02:06

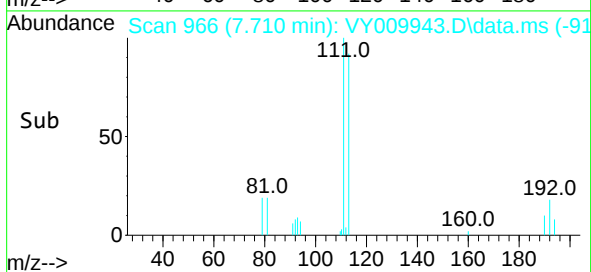
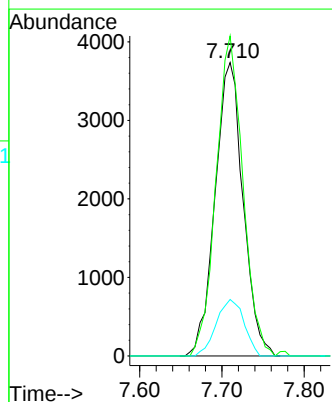
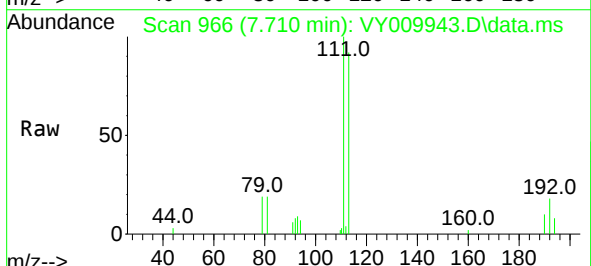
Tgt Ion:113 Resp: 8857

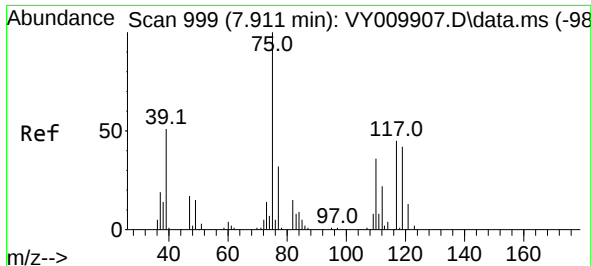
Ion Ratio Lower Upper

113 100

111 104.3 80.6 120.8

192 19.0 16.2 24.4

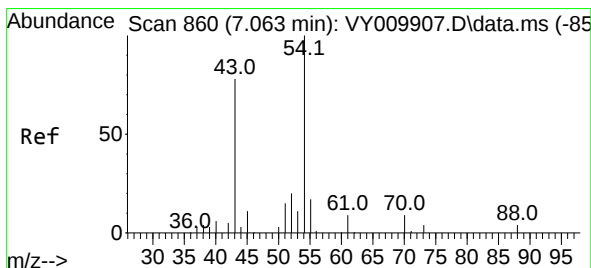
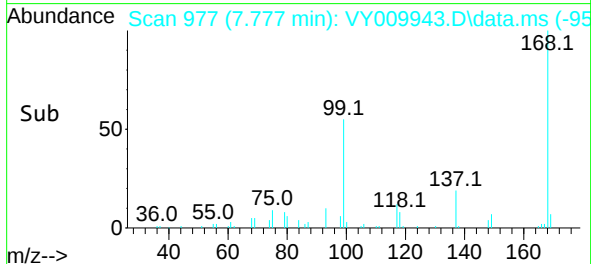
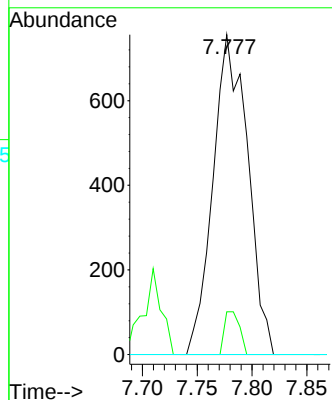
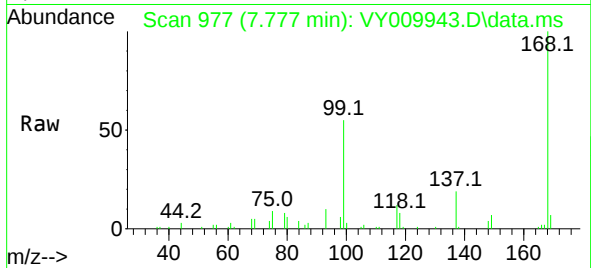




#36
1,1-Dichloropropene
Concen: 4.502 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

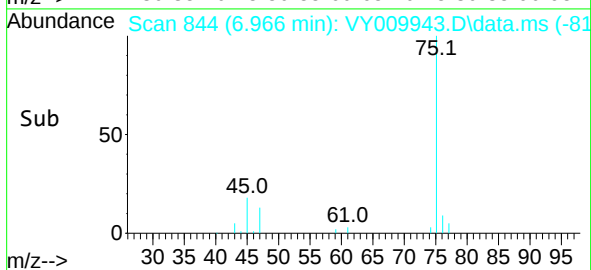
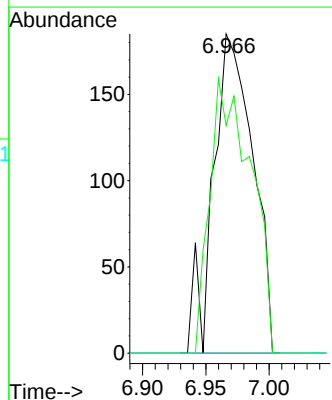
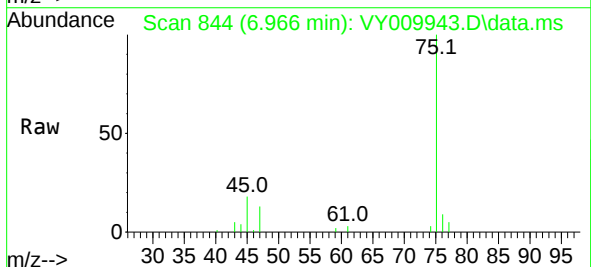
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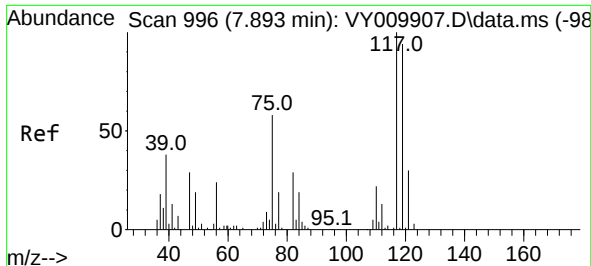
Tgt Ion: 75 Resp: 1663
Ion Ratio Lower Upper
75 100
110 5.9 18.6 56.0#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.648 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.097 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

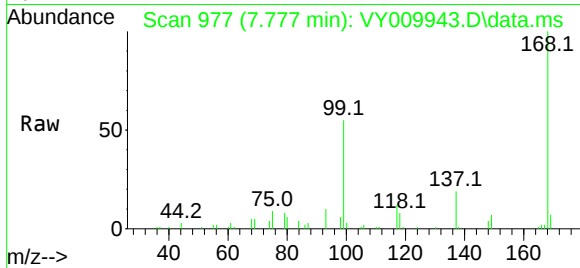
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
61 89.6 11.2 16.8#
70 0.0 8.4 12.6#



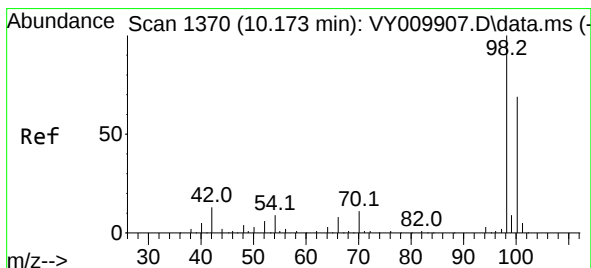
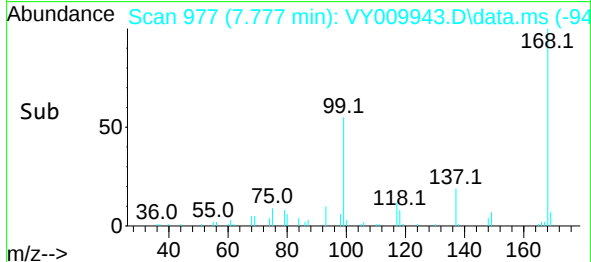
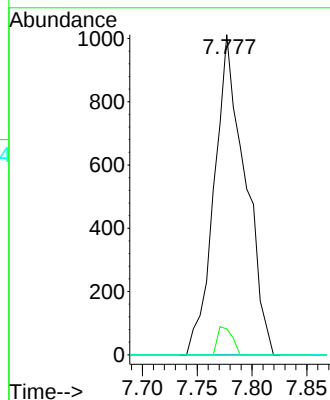


#38
Carbon Tetrachloride
Concen: 5.395 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Instrument :
MSVOA_Y
ClientSampleId :
SB07

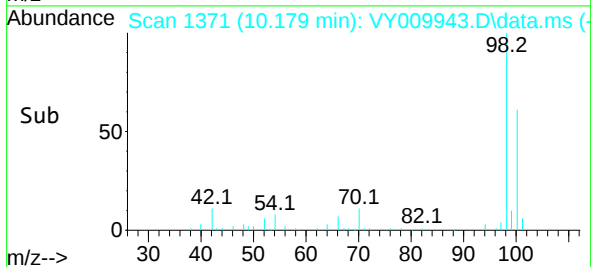
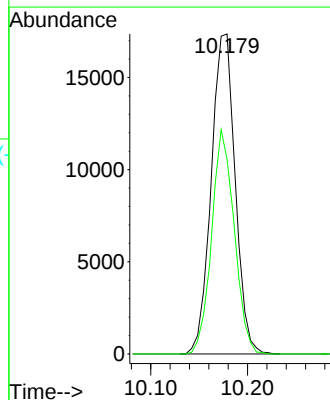
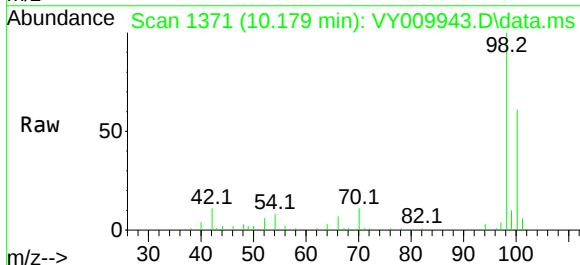


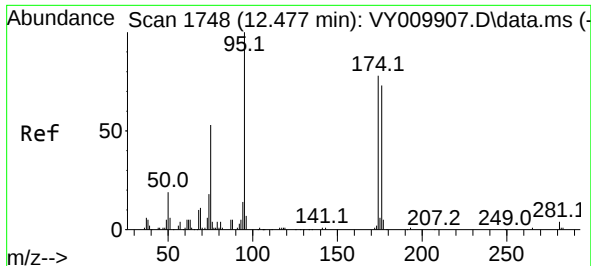
Tgt Ion:117 Resp: 1978
Ion Ratio Lower Upper
117 100
119 8.1 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 44.312 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Tgt Ion: 98 Resp: 29892
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

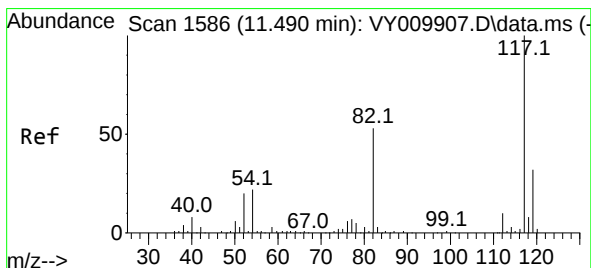
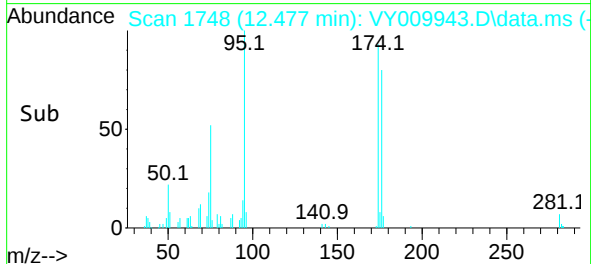
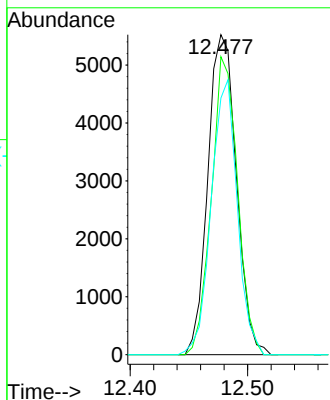
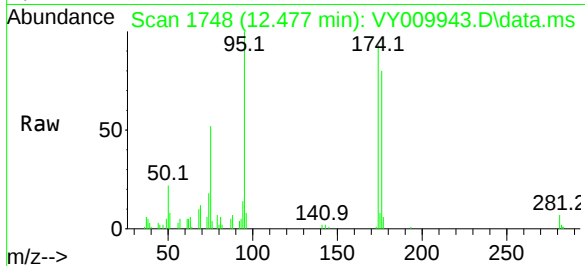




#62
4-Bromofluorobenzene
Concen: 30.467 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

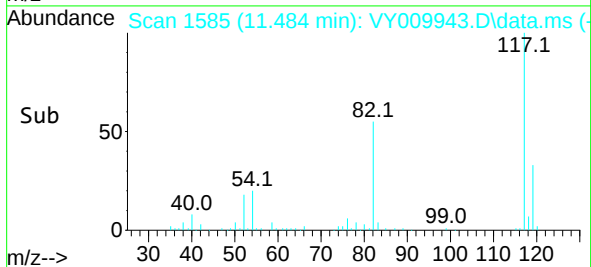
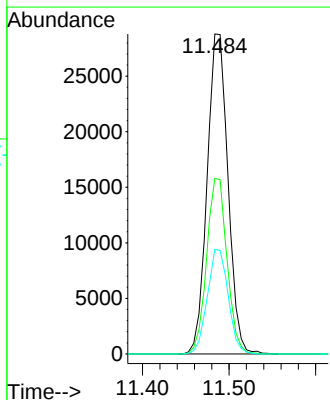
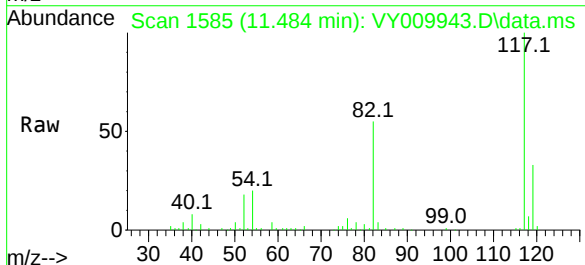
Instrument :
MSVOA_Y
ClientSampleId :
SB07

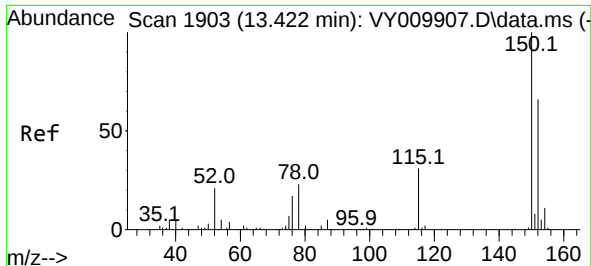
Tgt Ion: 95 Resp: 9313
Ion Ratio Lower Upper
95 100
174 85.5 0.0 173.8
176 78.4 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Tgt Ion: 117 Resp: 48102
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.6
119 32.7 25.6 38.4

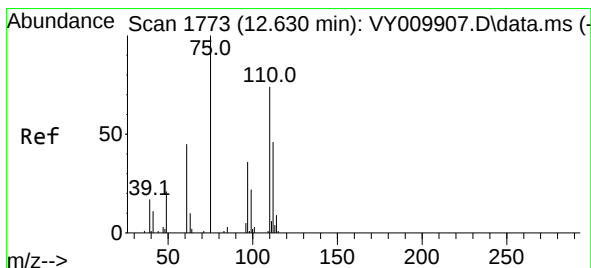
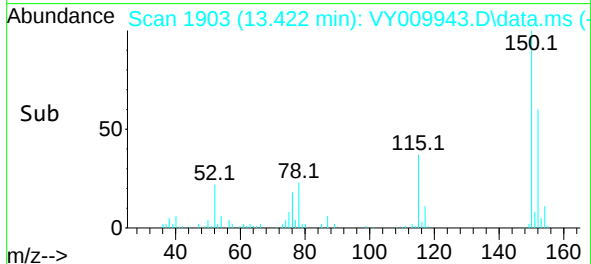
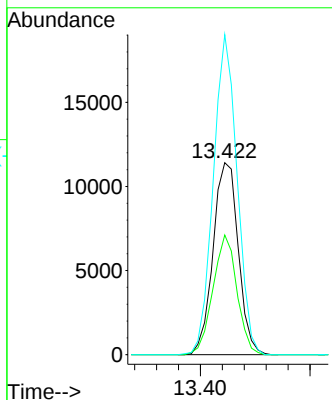
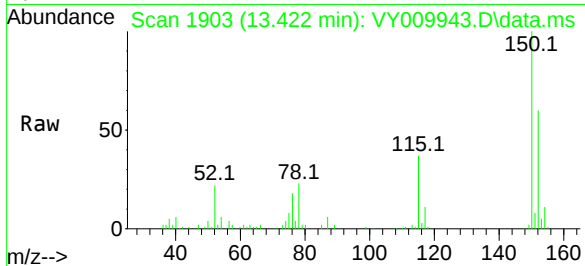




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009943.D
 Acq: 10 Aug 2022 02:06

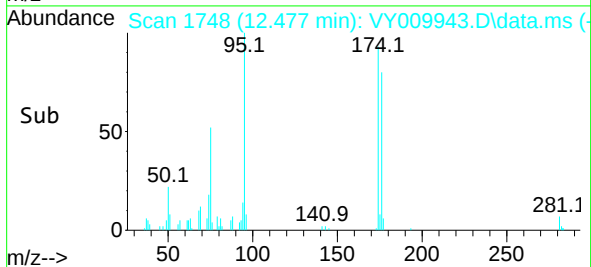
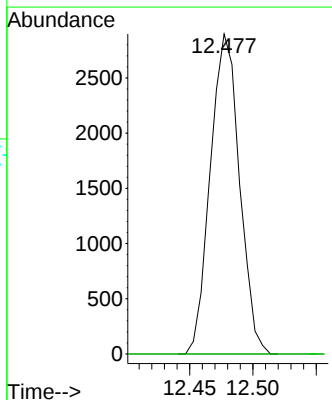
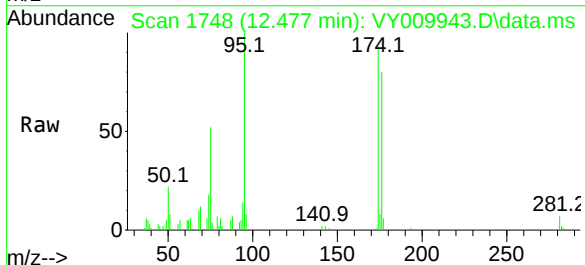
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB07

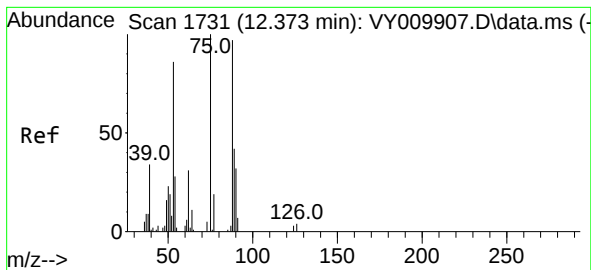
Tgt Ion:152 Resp: 18256
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.6 85.9
 150 157.1 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 23.286 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009943.D
 Acq: 10 Aug 2022 02:06

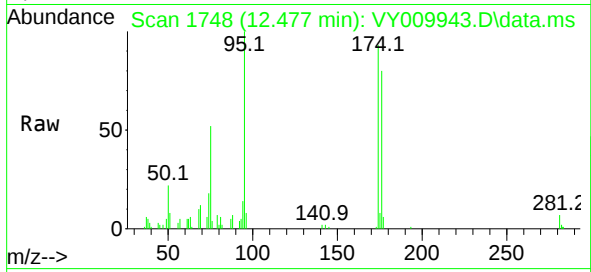
Tgt Ion: 75 Resp: 4651
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.078 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Instrument :
MSVOA_Y
ClientSampleId :
SB07



Tgt Ion: 75 Resp: 4651
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

