

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009946.D
 Acq On : 10 Aug 2022 03:17
 Operator : KP/MD
 Sample : N4017-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB03

Quant Time: Aug 10 08:14:01 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)

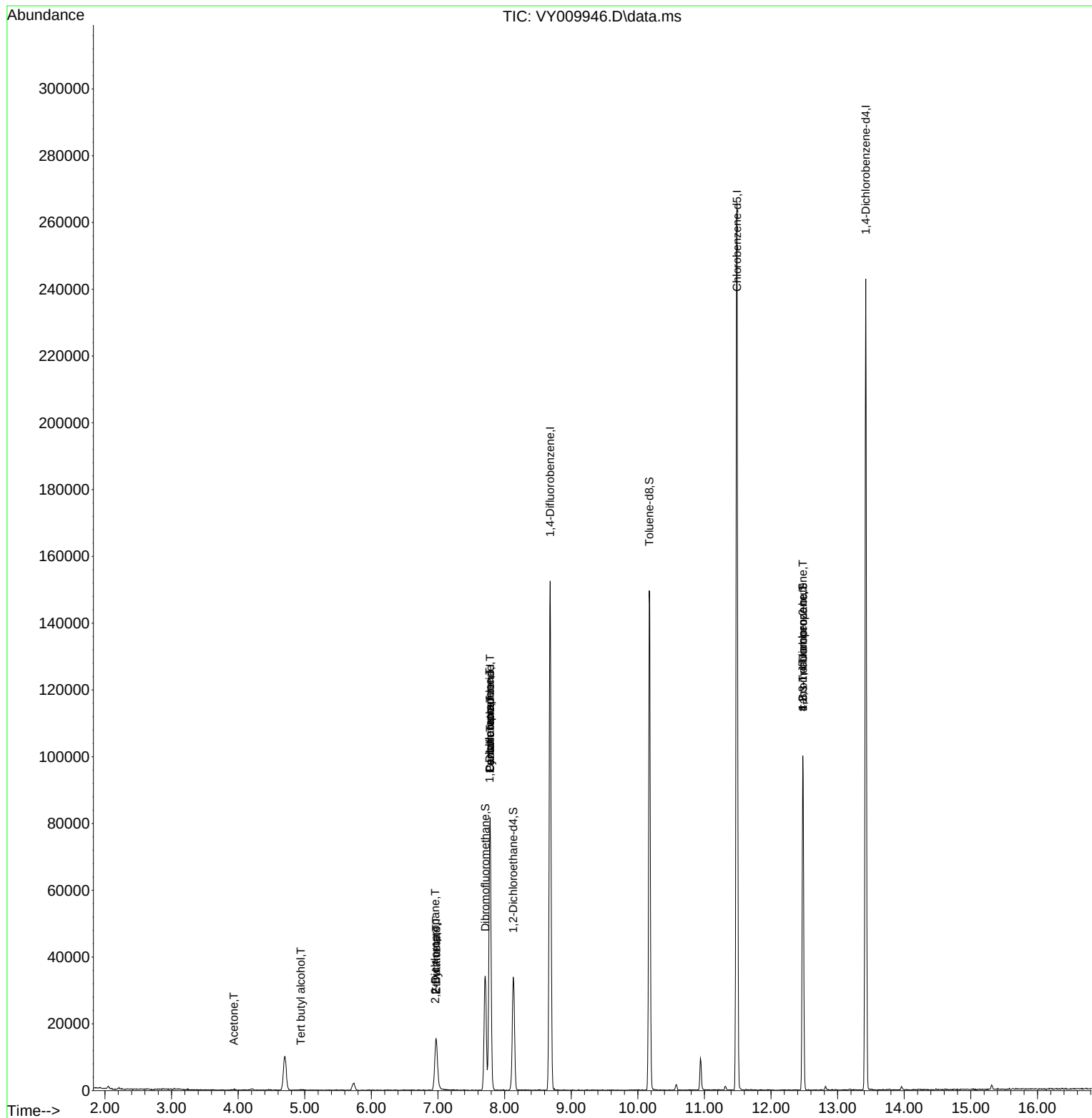
Internal Standards						
1) Pentafluorobenzene	7.783	168	61858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	127978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25490	52.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.960%	
35) Dibromofluoromethane	7.710	113	24683	35.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 71.060%	
50) Toluene-d8	10.173	98	93867	43.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.540%	
62) 4-Bromofluorobenzene	12.477	95	29359	30.266	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	288	4.107	ug/l #	78
16) Acetone	3.936	43	391	2.241	ug/l #	45
18) Methyl Acetate	4.460	43	125	Below Cal	#	52
25) 2-Butanone	6.972	43	881	3.066	ug/l #	48
26) 2,2-Dichloropropane	6.960	77	1245	1.152	ug/l #	52
31) Cyclohexane	7.783	56	1358	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	5080	4.333	ug/l #	48
37) Ethyl Acetate	6.972	43	881	1.133	ug/l #	1
38) Carbon Tetrachloride	7.783	117	6078	5.224	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	15425	24.293	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	15425	49.114	ug/l #	13

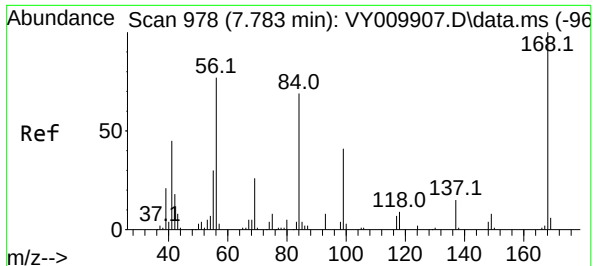
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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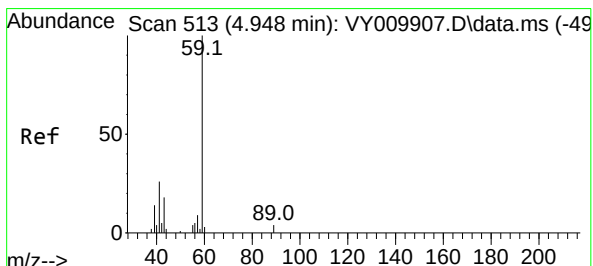
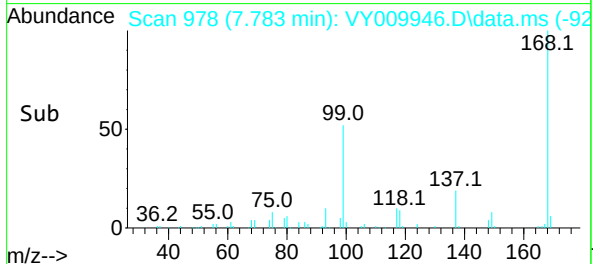
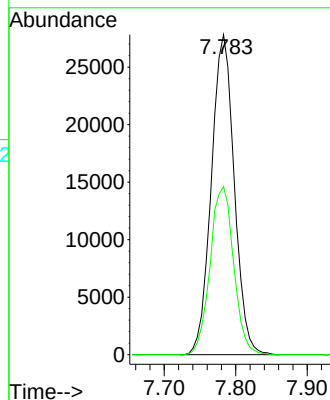
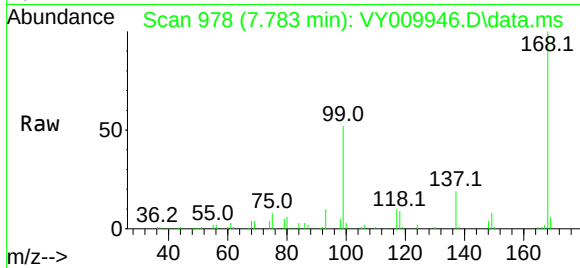




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

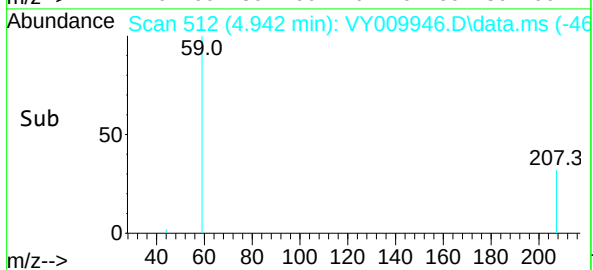
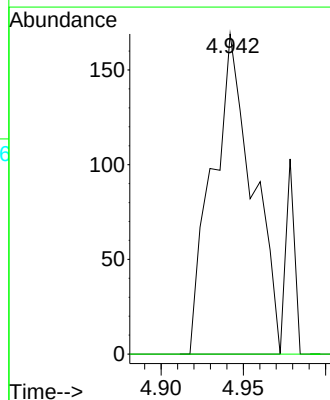
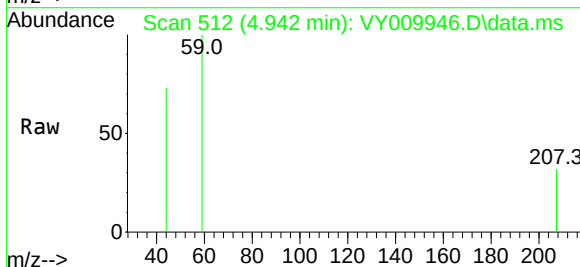
Instrument :
MSVOA_Y
ClientSampleId :
SB03

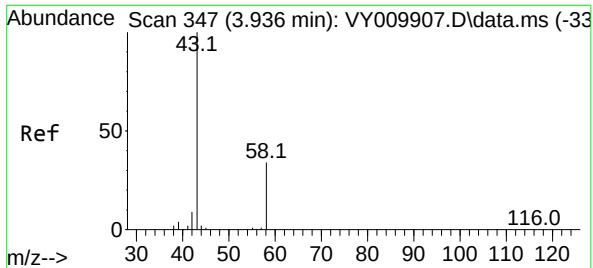
Tgt Ion:168 Resp: 61858
Ion Ratio Lower Upper
168 100
99 52.5 42.1 63.1



#11
Tert butyl alcohol
Concen: 4.107 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

Tgt Ion: 59 Resp: 288
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

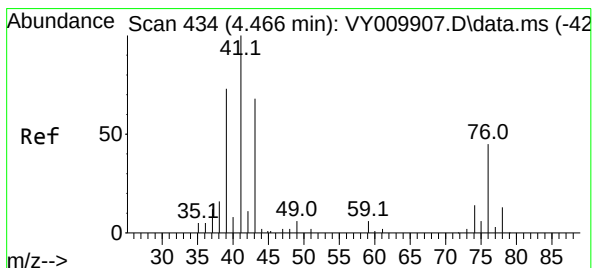
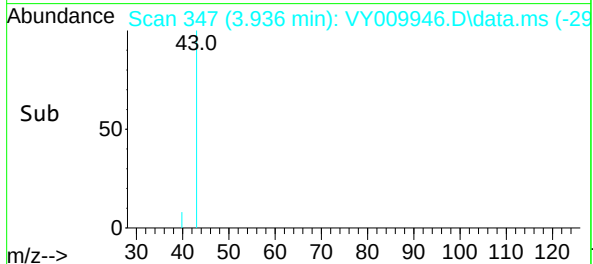
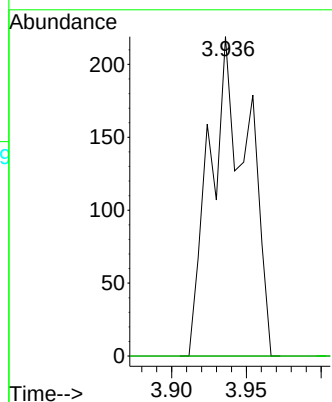
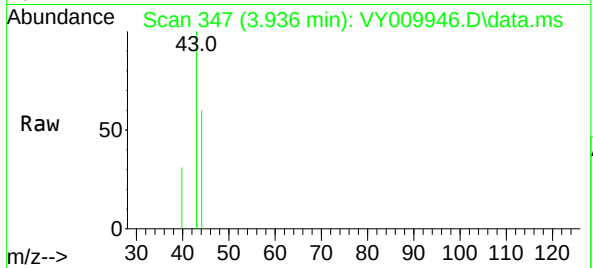




#16
Acetone
Concen: 2.241 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

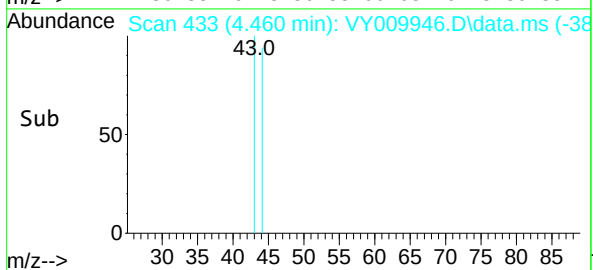
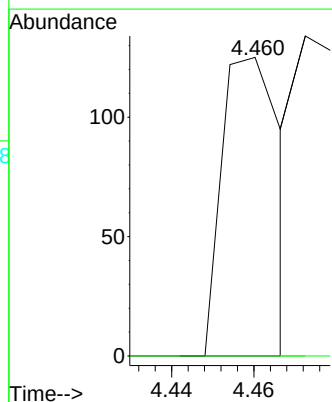
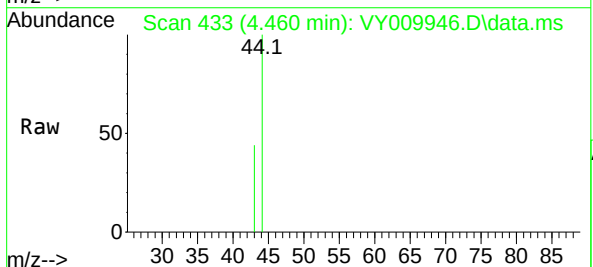
Instrument :
MSVOA_Y
ClientSampleId :
SB03

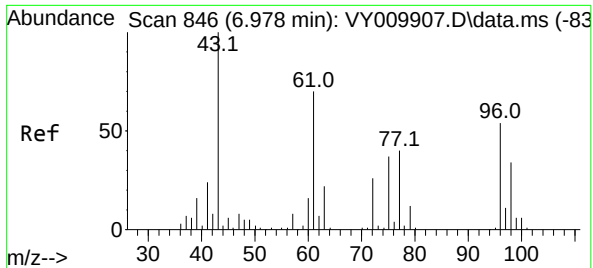
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#





#25

2-Butanone

Concen: 3.066 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009946.D

Acq: 10 Aug 2022 03:17

Instrument :

MSVOA_Y

ClientSampleId :

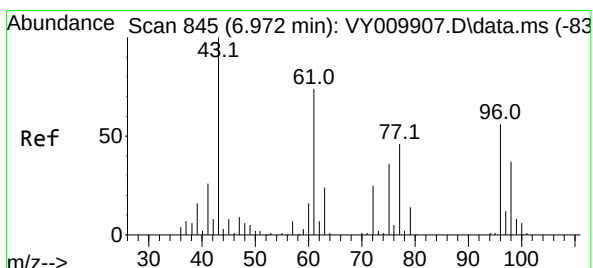
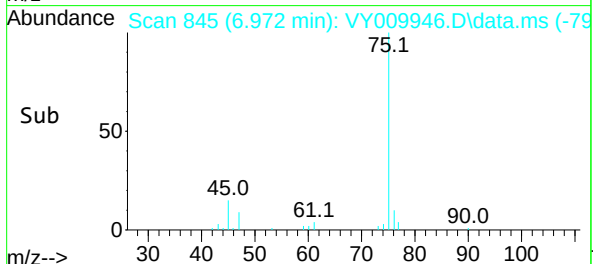
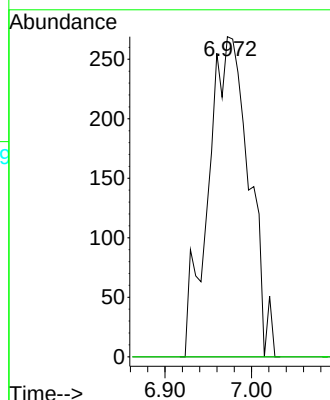
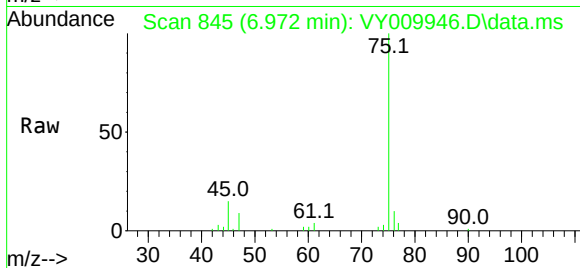
SB03

Tgt Ion: 43 Resp: 881

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 1.152 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.012 min

Lab File: VY009946.D

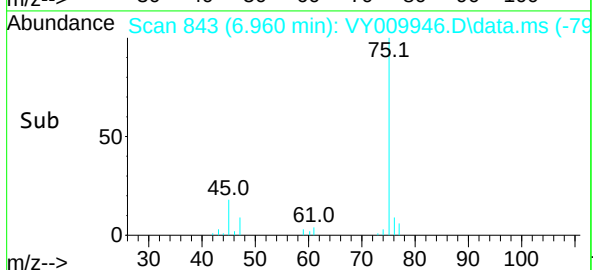
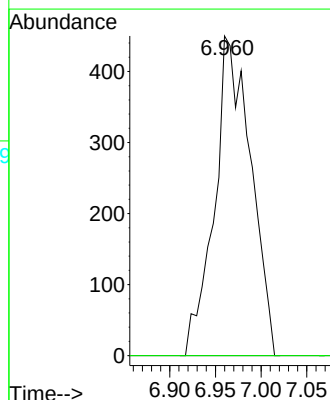
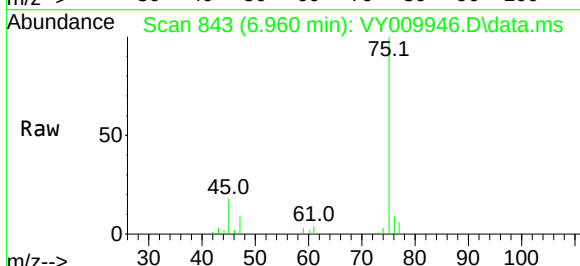
Acq: 10 Aug 2022 03:17

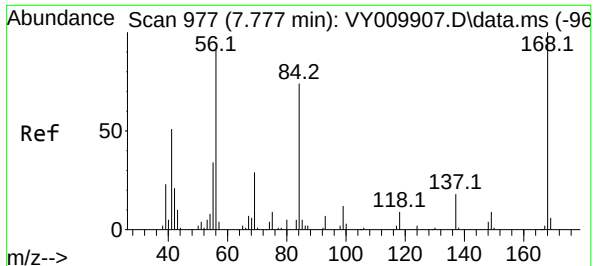
Tgt Ion: 77 Resp: 1245

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#

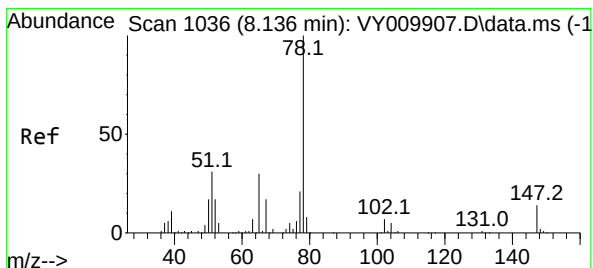
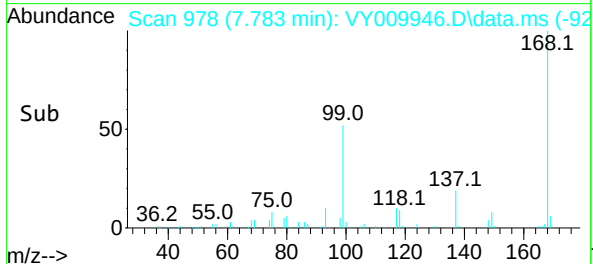
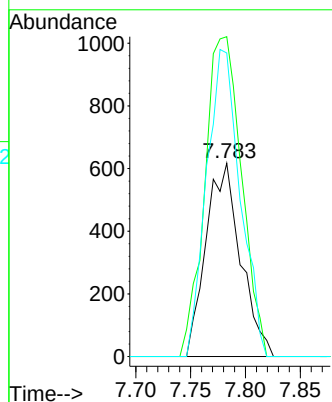
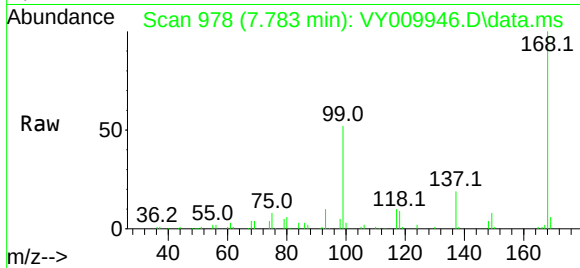




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

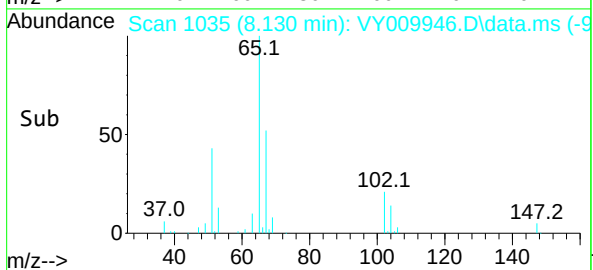
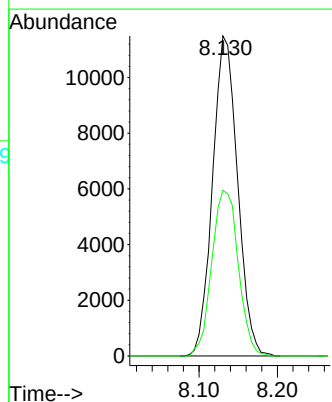
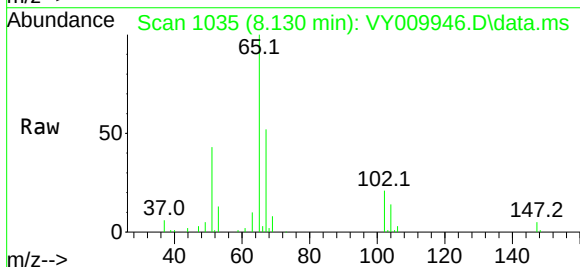
Instrument :
MSVOA_Y
ClientSampleId :
SB03

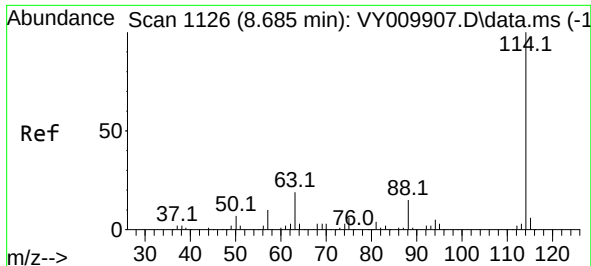
Tgt Ion: 56 Resp: 1358
Ion Ratio Lower Upper
56 100
69 165.5 26.0 39.0#
84 157.1 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 52.980 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

Tgt Ion: 65 Resp: 25490
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.4

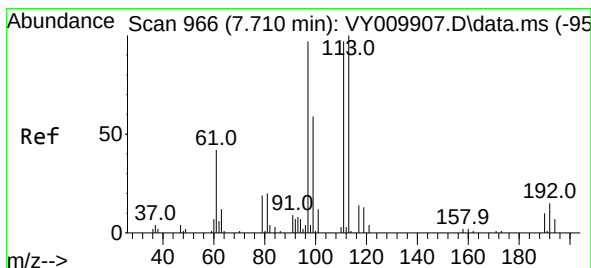
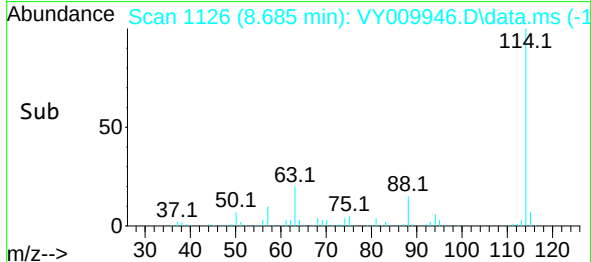
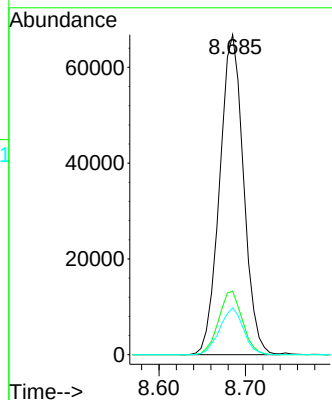
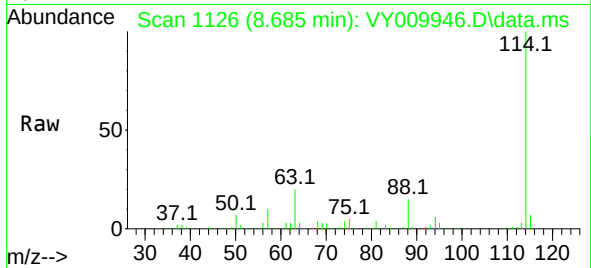




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

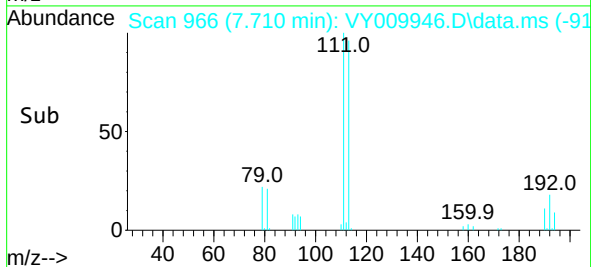
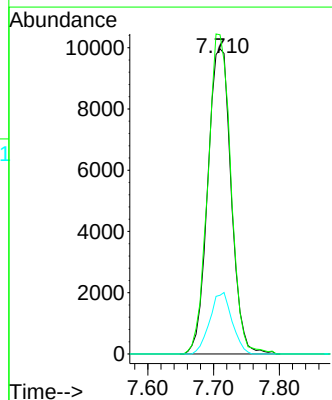
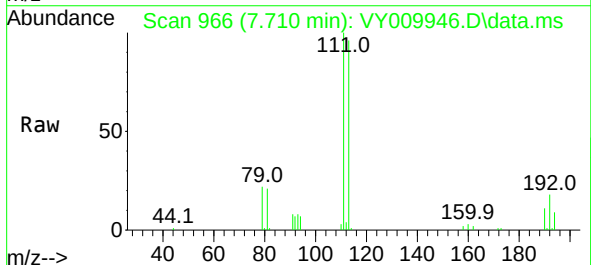
Instrument :
MSVOA_Y
ClientSampleId :
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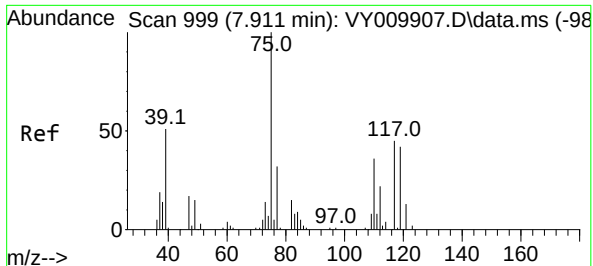
Tgt Ion:114 Resp: 127978
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.0
88 14.6 0.0 30.0



#35
Dibromofluoromethane
Concen: 35.529 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.001 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

Tgt Ion:113 Resp: 24683
Ion Ratio Lower Upper
113 100
111 103.3 80.6 120.8
192 19.1 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.333 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY009946.D

Acq: 10 Aug 2022 03:17

Instrument :

MSVOA_Y

ClientSampleId :

SB03

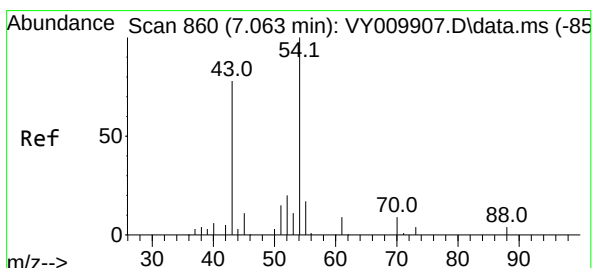
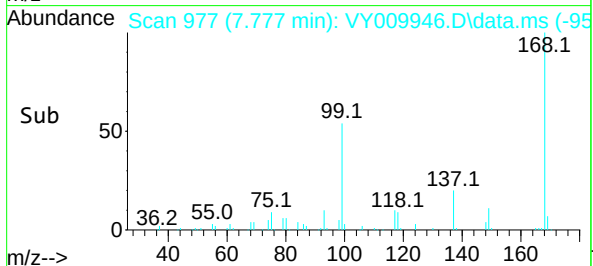
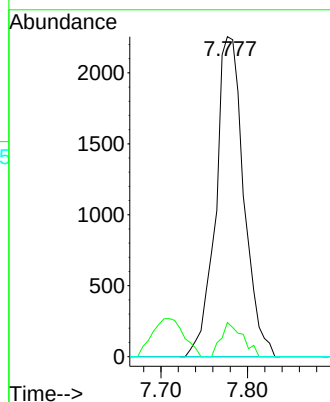
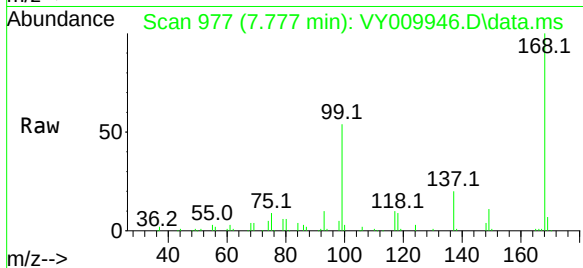
Tgt Ion: 75 Resp: 5080

Ion Ratio Lower Upper

75 100

110 8.2 18.6 56.0#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.133 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.091 min

Lab File: VY009946.D

Acq: 10 Aug 2022 03:17

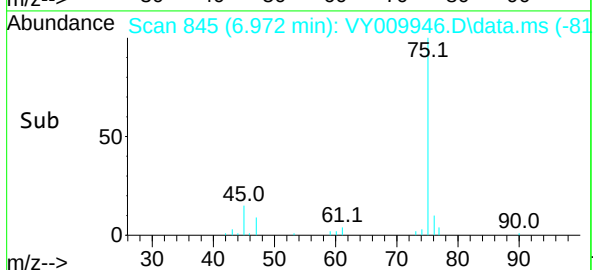
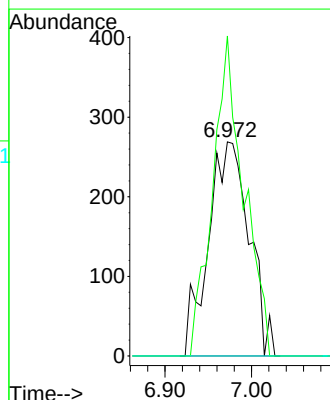
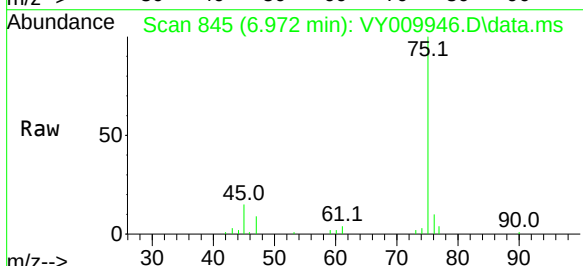
Tgt Ion: 43 Resp: 881

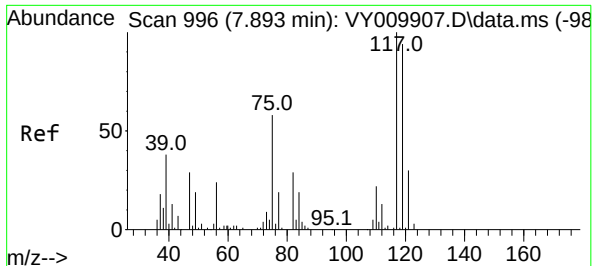
Ion Ratio Lower Upper

43 100

61 114.1 11.2 16.8#

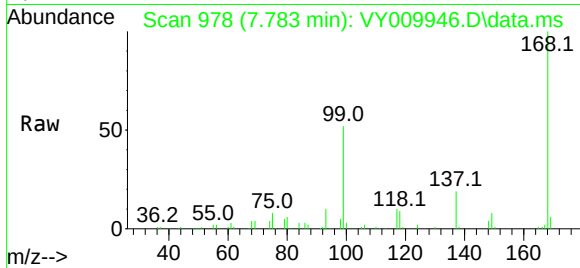
70 0.0 8.4 12.6#



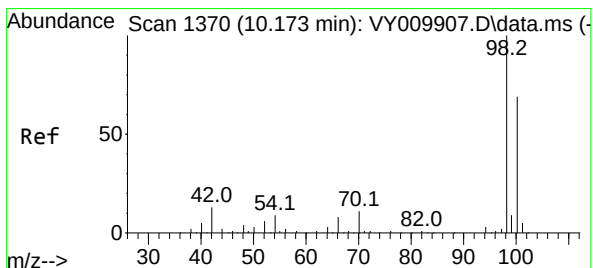
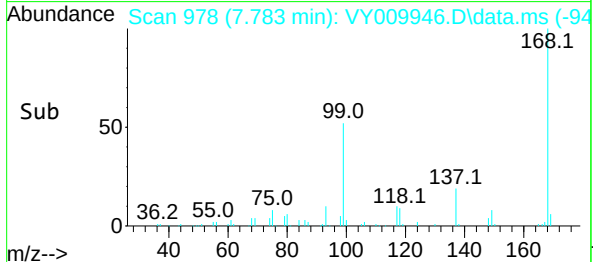
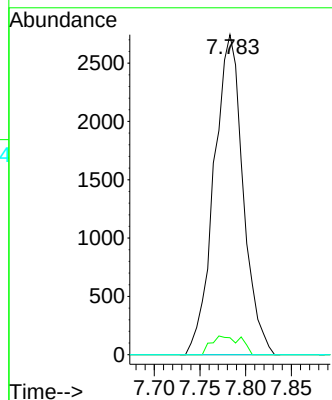


#38
Carbon Tetrachloride
Concen: 5.224 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

Instrument :
MSVOA_Y
ClientSampleId :
SB03

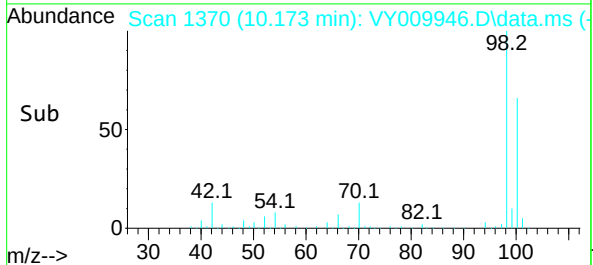
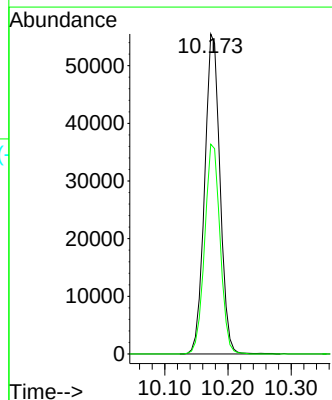
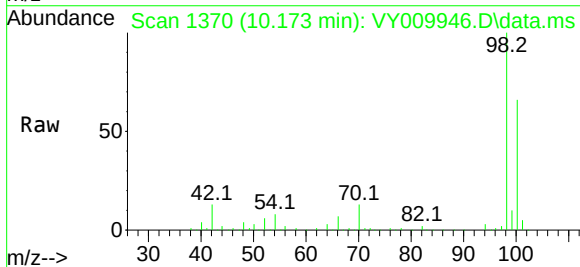


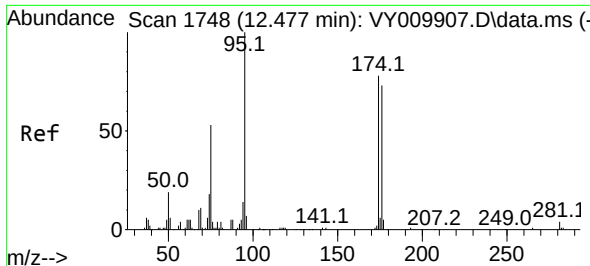
Tgt Ion:117 Resp: 6078
Ion Ratio Lower Upper
117 100
119 5.3 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 43.766 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

Tgt Ion: 98 Resp: 93867
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

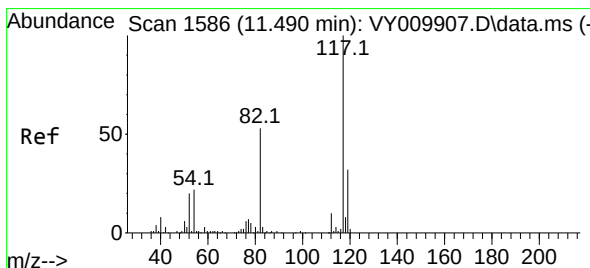
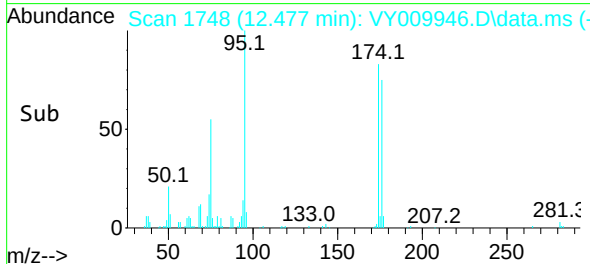
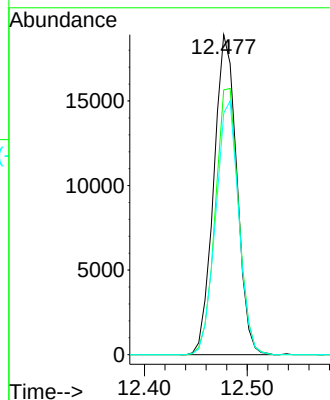
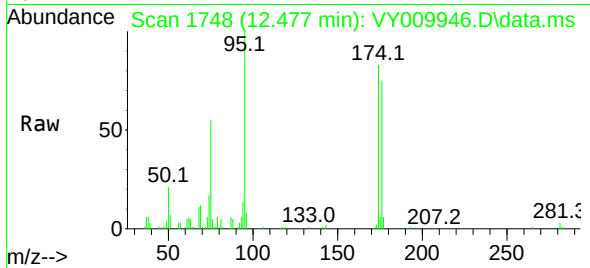




#62
4-Bromofluorobenzene
Concen: 30.266 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

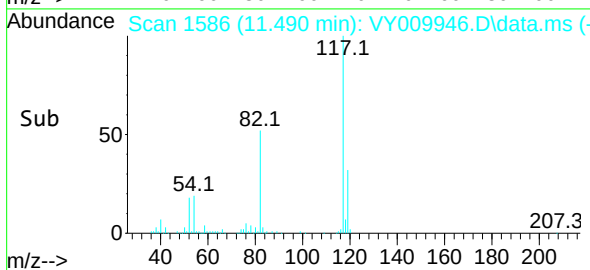
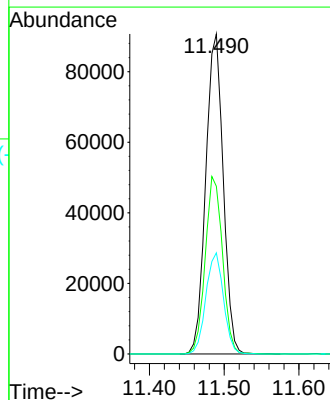
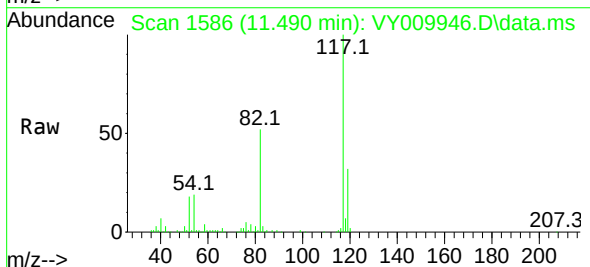
Instrument :
MSVOA_Y
ClientSampleId :
SB03

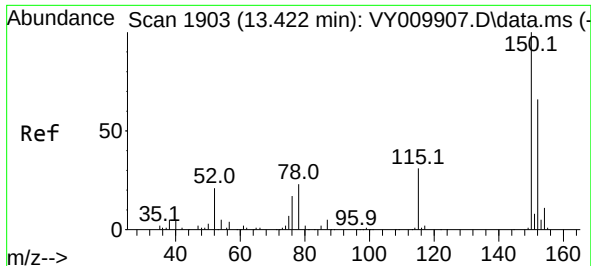
Tgt Ion: 95 Resp: 29359
Ion Ratio Lower Upper
95 100
174 84.4 0.0 173.8
176 79.5 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

Tgt Ion: 117 Resp: 146780
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 31.6 25.6 38.4

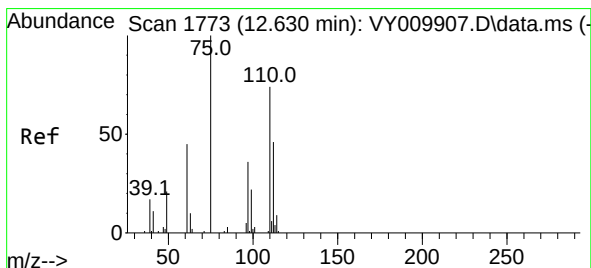
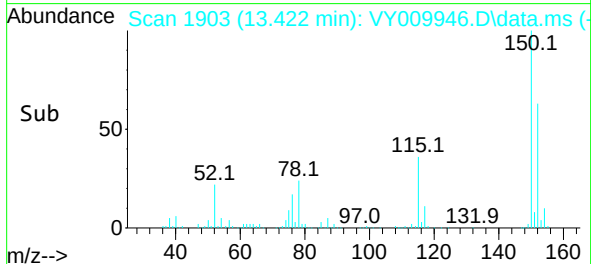
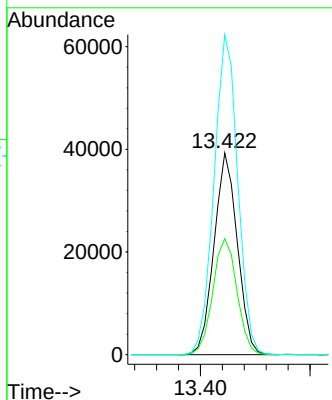
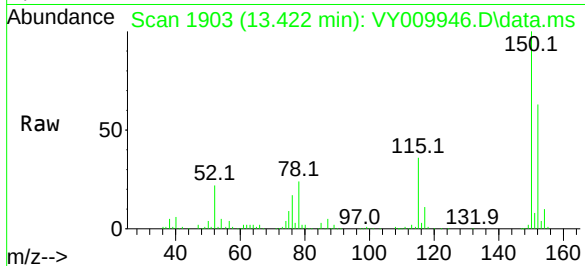




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009946.D
 Acq: 10 Aug 2022 03:17

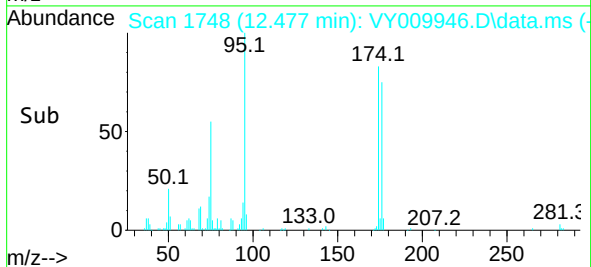
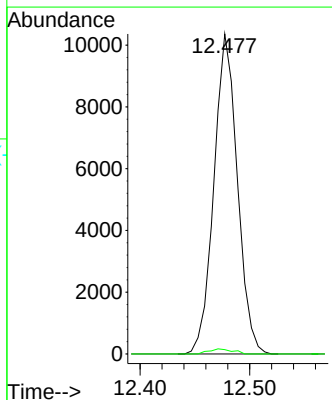
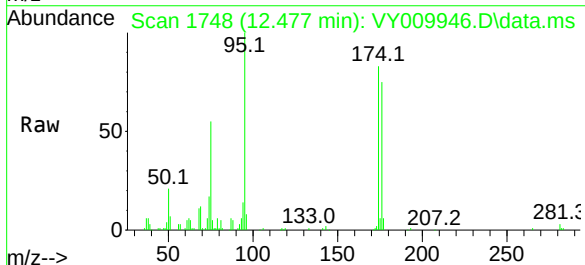
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB03

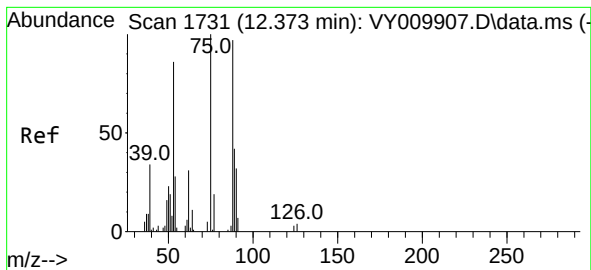
Tgt Ion:152 Resp: 58036
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.6 85.9
 150 161.6 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 24.293 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009946.D
 Acq: 10 Aug 2022 03:17

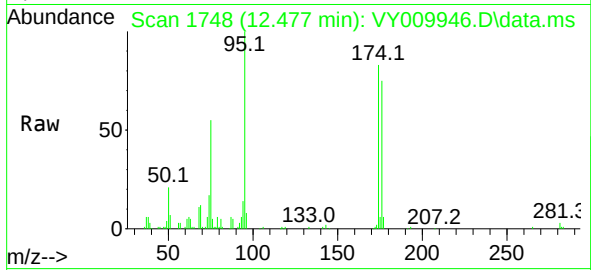
Tgt Ion: 75 Resp: 15425
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 49.114 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009946.D
Acq: 10 Aug 2022 03:17

Instrument :
MSVOA_Y
ClientSampleId :
SB03



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

