

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010428.D
 Acq On : 09 Sep 2022 19:19
 Operator : KP/MD
 Sample : N4530-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-8.5-9.0

Quant Time: Sep 10 00:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	187162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138437	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100523	53.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.660%
35) Dibromofluoromethane	7.709	113	94934	43.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.100%
50) Toluene-d8	10.178	98	367341	51.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.477	95	126173	43.775	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.560%

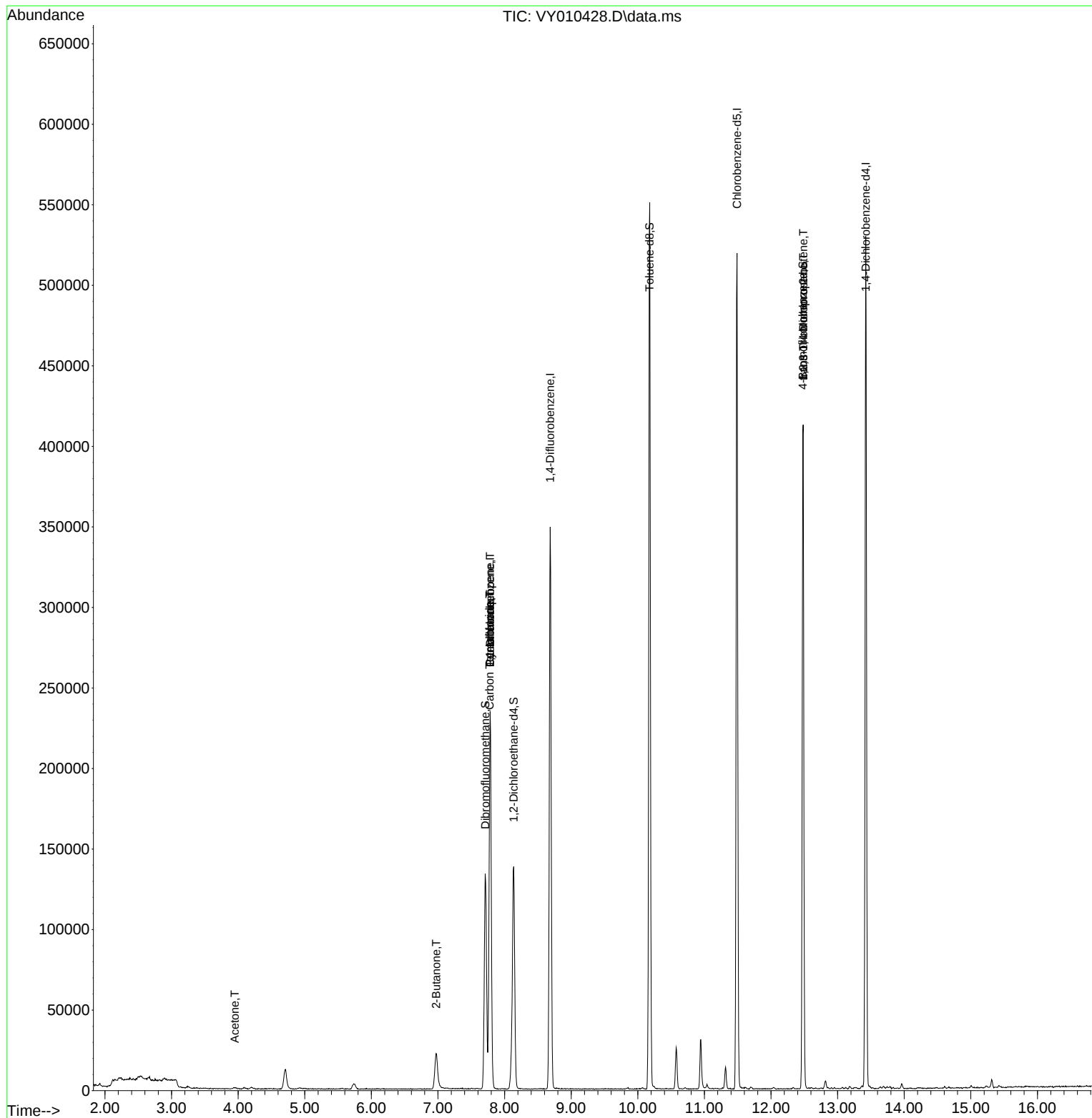
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.899	85	256	Below Cal	# 43
11) Tert butyl alcohol	4.929	59	1006	Below Cal	# 77
16) Acetone	3.948	43	1413	3.266 ug/l	# 76
20) Methylene Chloride	4.704	84	9075	Below Cal	# 87
25) 2-Butanone	6.972	43	1434	2.086 ug/l	# 54
31) Cyclohexane	7.782	56	3676	1.154 ug/l	# 1
36) 1,1-Dichloropropene	7.782	75	13341	4.419 ug/l	# 52
38) Carbon Tetrachloride	7.776	117	18027	5.368 ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	63382	41.484 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	63382	92.108 ug/l	# 7

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

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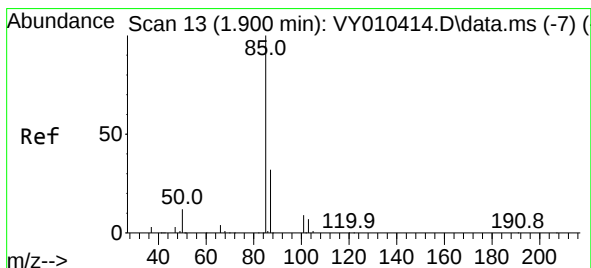
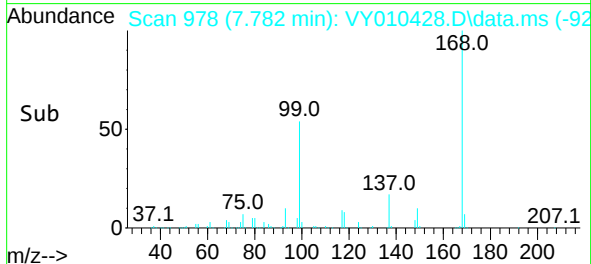
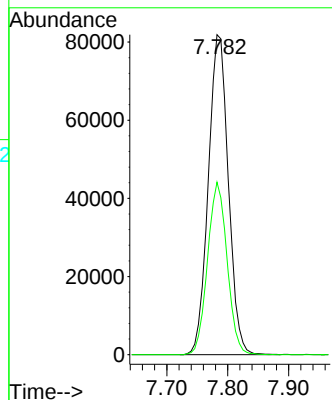
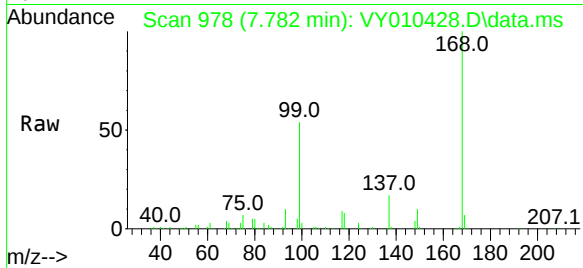




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

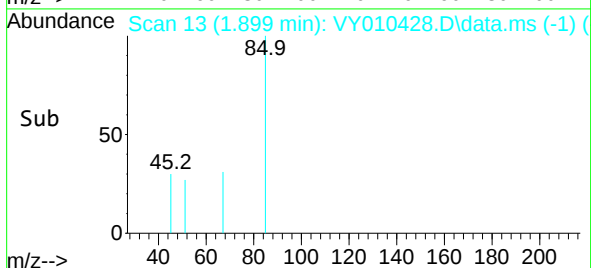
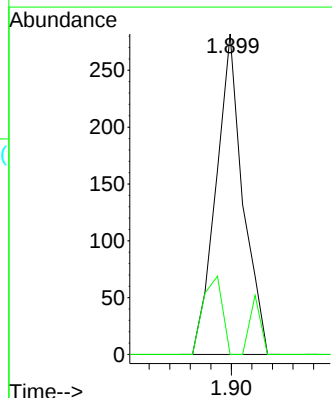
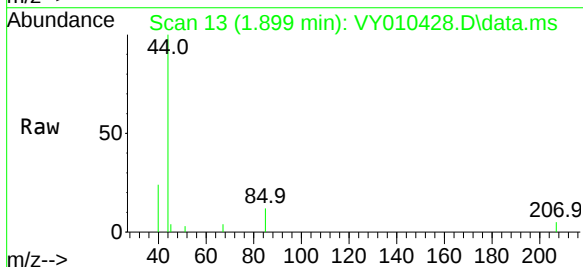
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

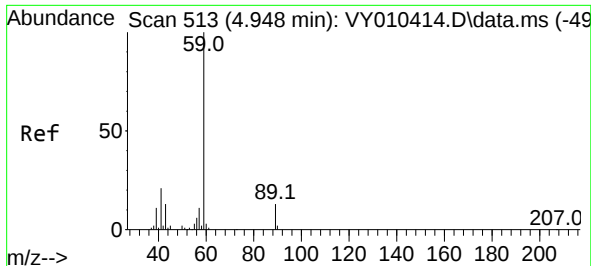
Tgt Ion:168 Resp: 187162
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion: 85 Resp: 256
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

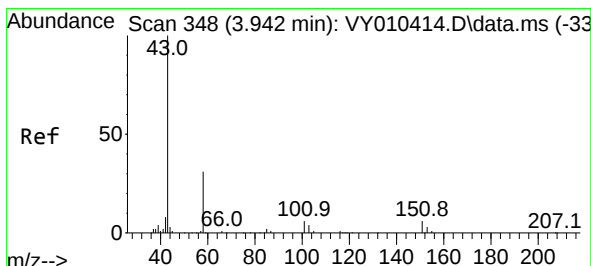
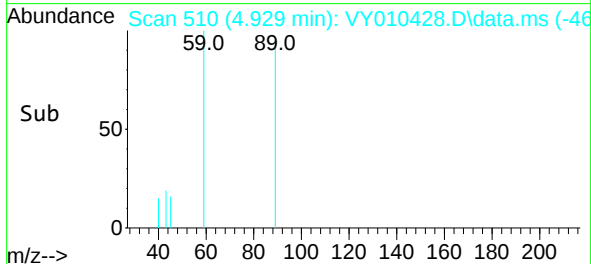
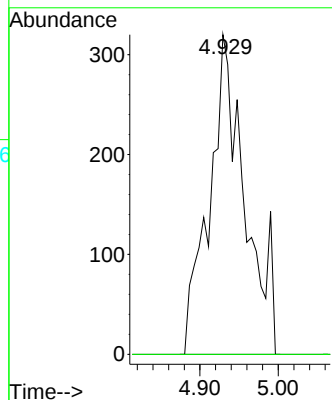
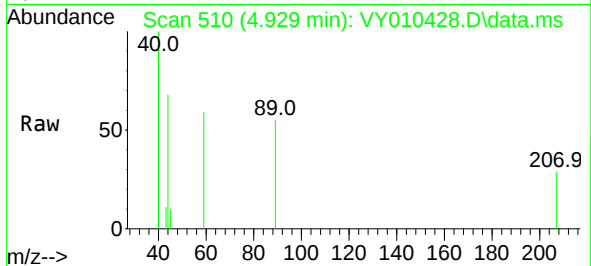




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 513
Delta R.T. -0.019 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

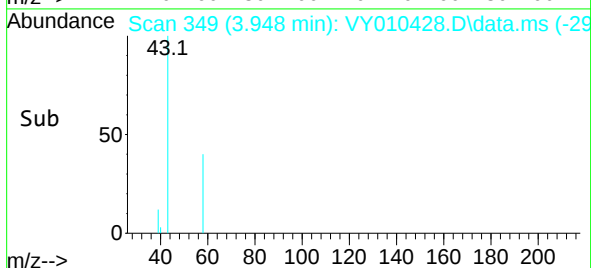
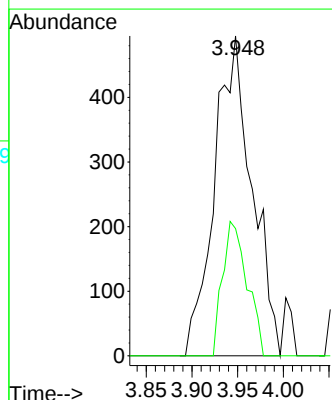
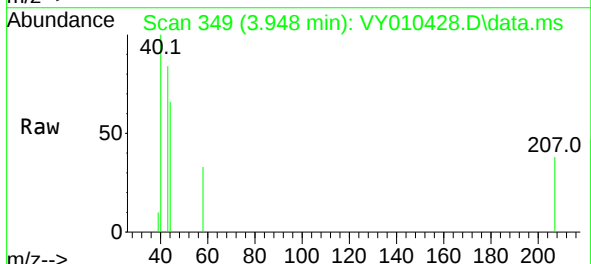
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

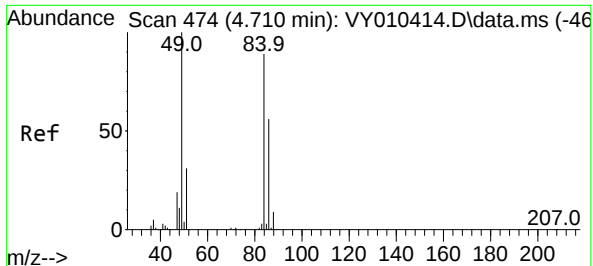
Tgt Ion: 59 Resp: 1006
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 3.266 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 39.8 22.0 33.0#

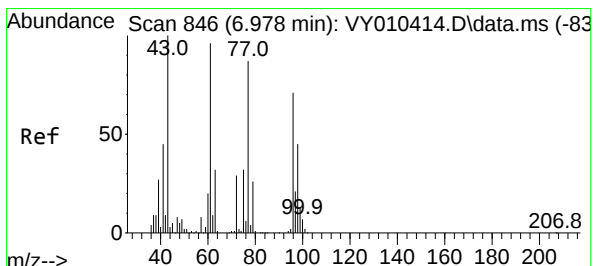
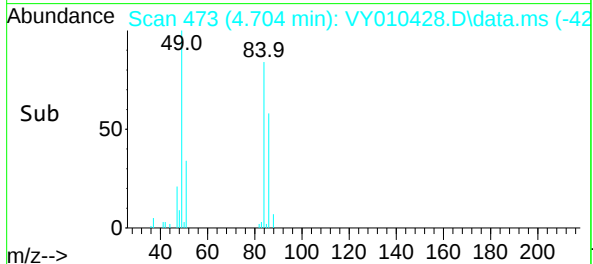
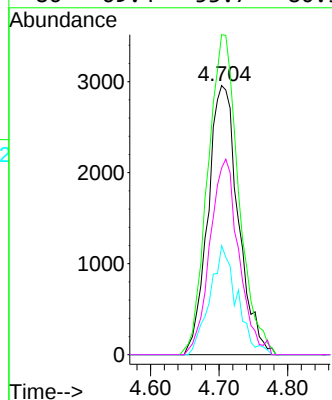
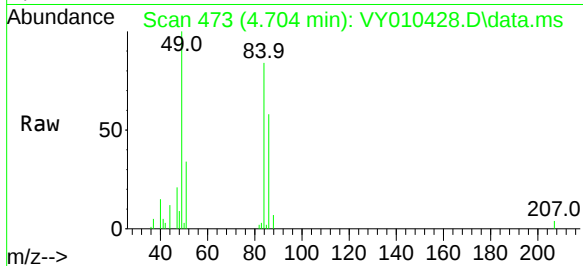




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

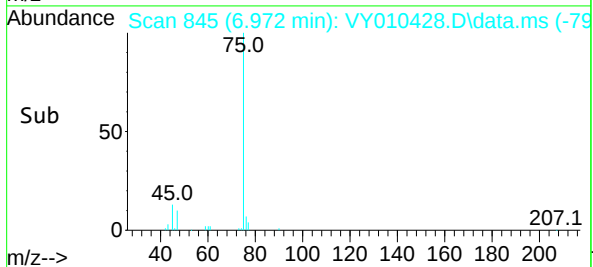
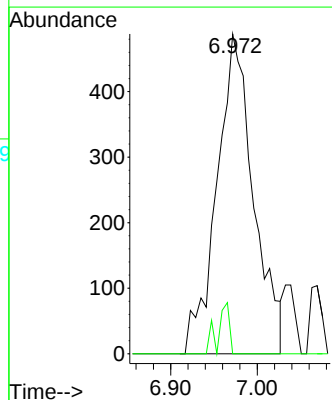
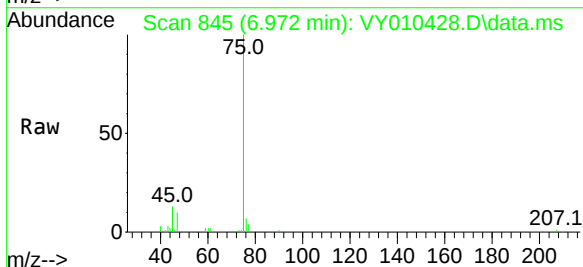
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

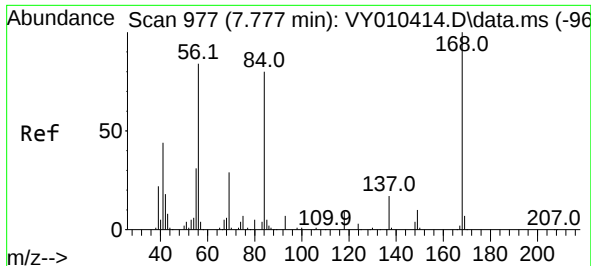
Tgt Ion: 84 Resp: 9075
Ion Ratio Lower Upper
84 100
49 118.9 114.4 171.6
51 40.5 35.3 52.9
86 69.4 53.7 80.5



#25
2-Butanone
Concen: 2.086 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

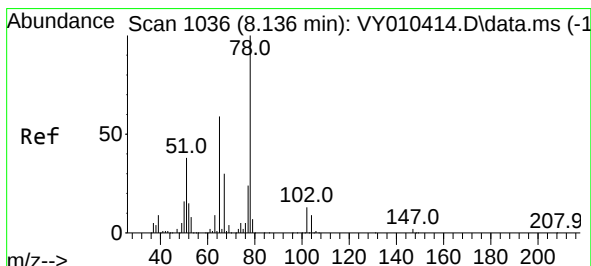
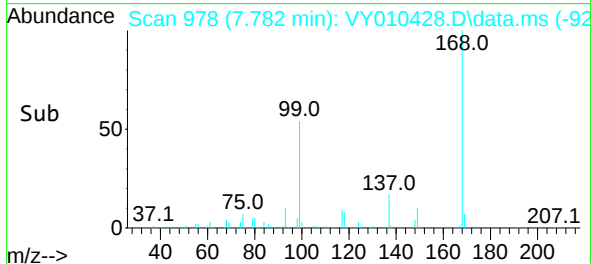
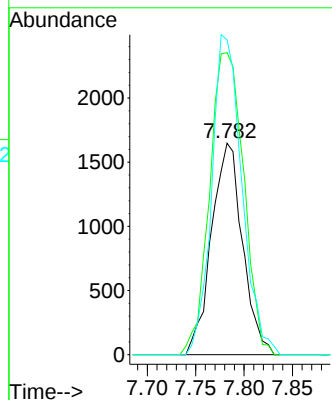
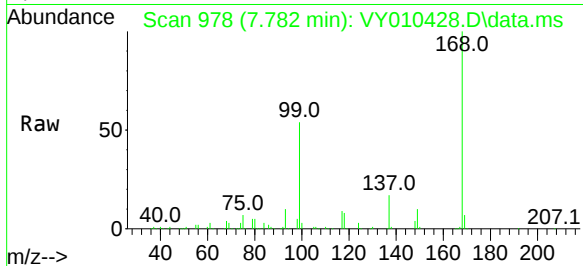




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

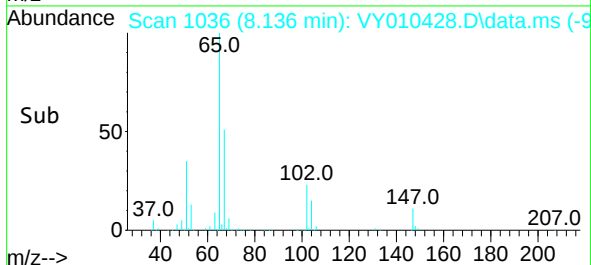
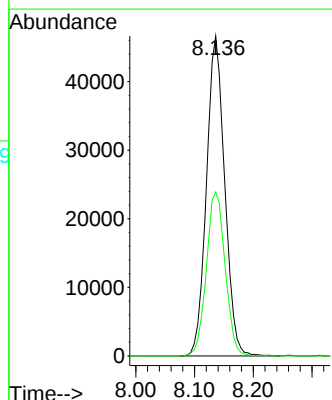
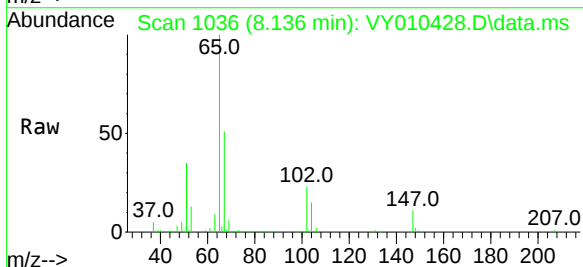
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

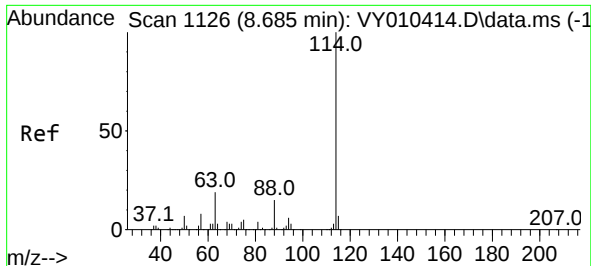
Tgt Ion: 56 Resp: 3676
Ion Ratio Lower Upper
56 100
69 142.8 26.7 40.1#
84 148.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.327 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion: 65 Resp: 100523
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

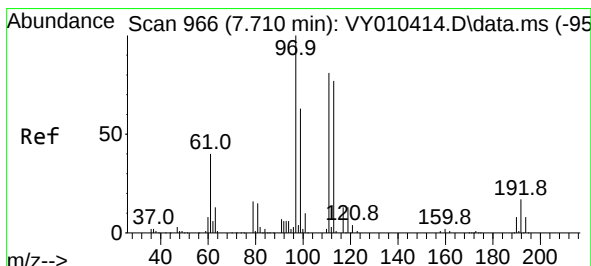
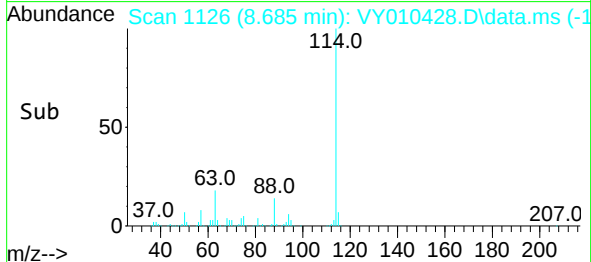
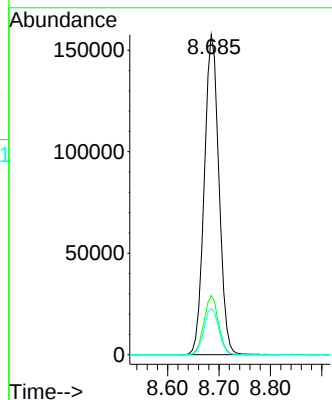
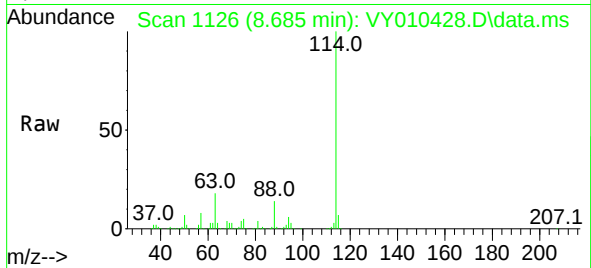




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

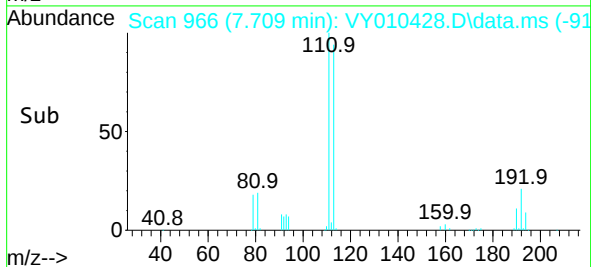
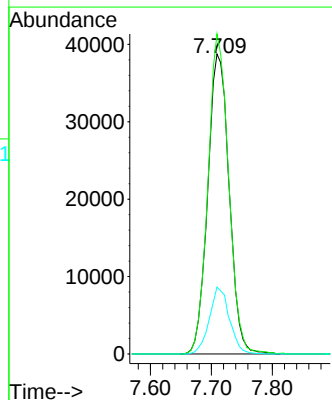
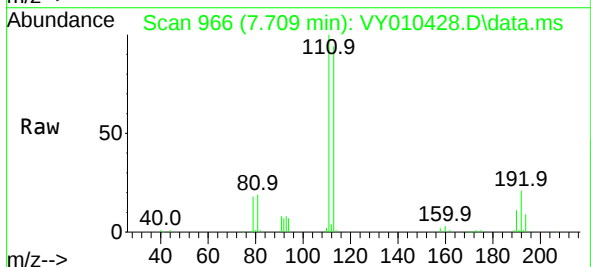
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

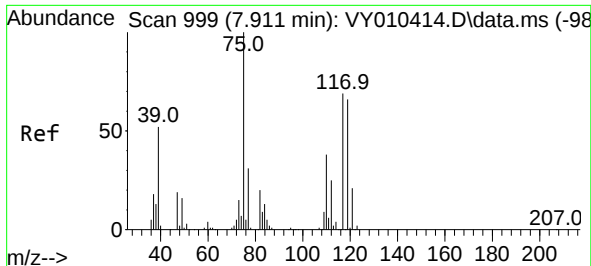
Tgt Ion:114 Resp: 310483
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.053 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion:113 Resp: 94934
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.8 17.6 26.4

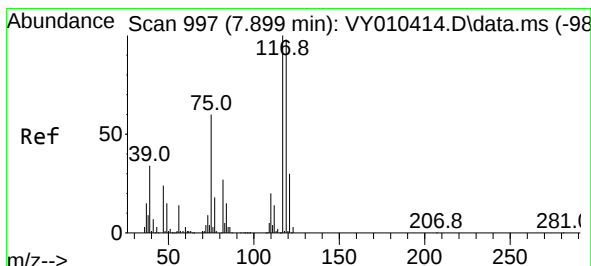
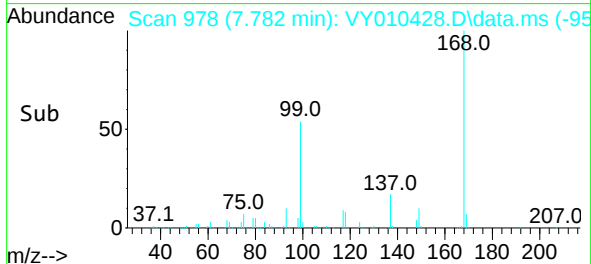
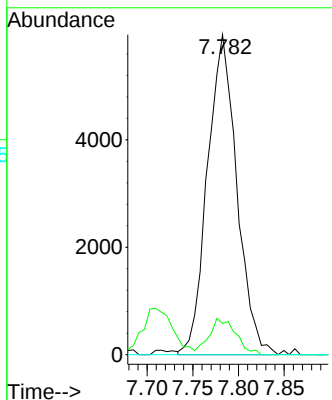
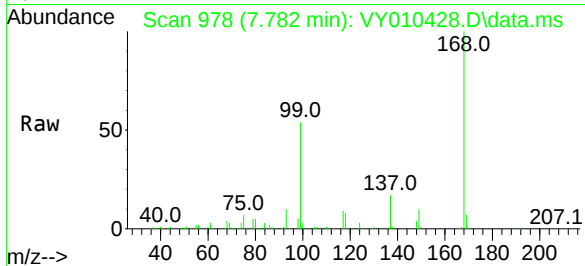




#36
 1,1-Dichloropropene
 Concen: 4.419 ug/l
 RT: 7.782 min Scan# 91
 Delta R.T. -0.129 min
 Lab File: VY010428.D
 Acq: 09 Sep 2022 19:19

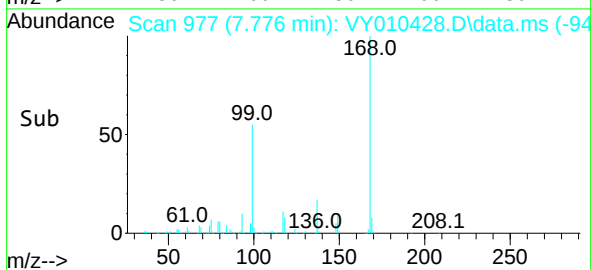
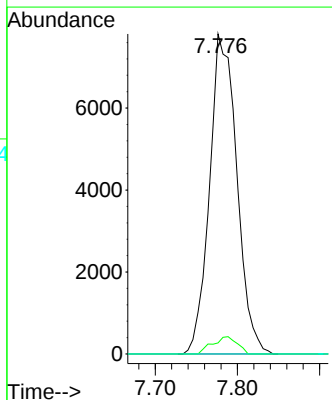
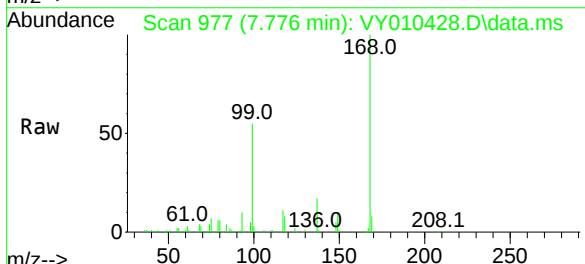
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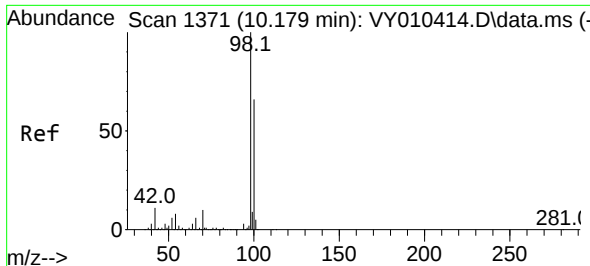
Tgt Ion: 75 Resp: 13341
 Ion Ratio Lower Upper
 75 100
 110 10.2 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.368 ug/l
 RT: 7.776 min Scan# 977
 Delta R.T. -0.123 min
 Lab File: VY010428.D
 Acq: 09 Sep 2022 19:19

Tgt Ion: 117 Resp: 18027
 Ion Ratio Lower Upper
 117 100
 119 3.4 77.9 116.9#
 121 0.0 24.8 37.2#

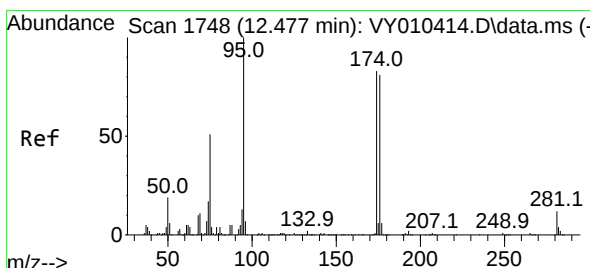
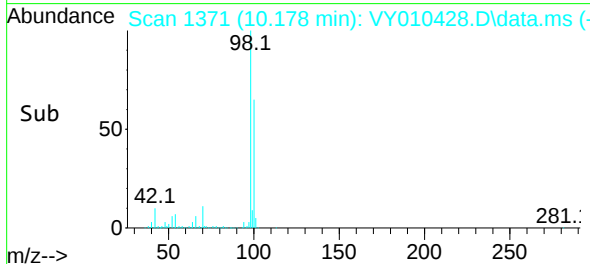
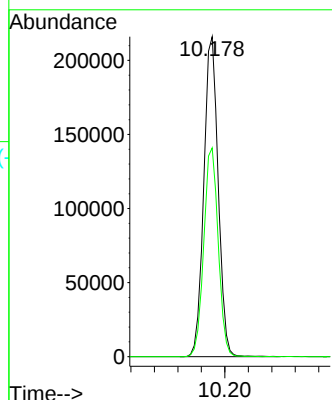
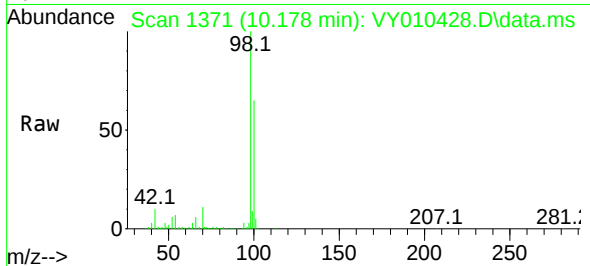




#50
Toluene-d8
Concen: 51.402 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

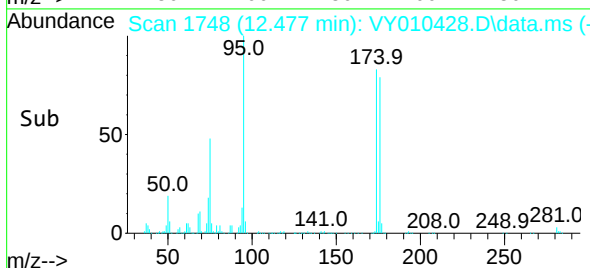
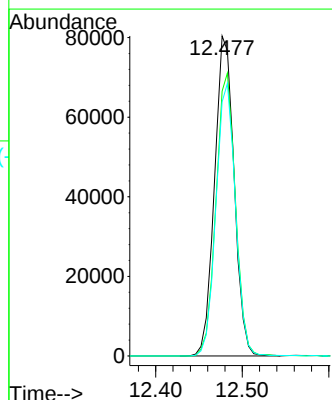
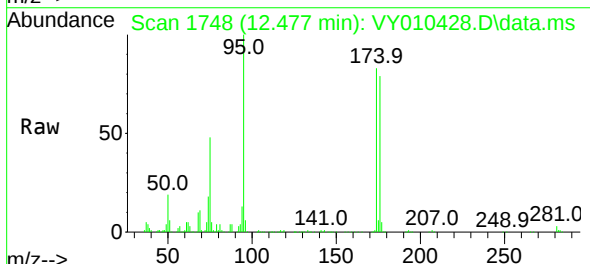
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

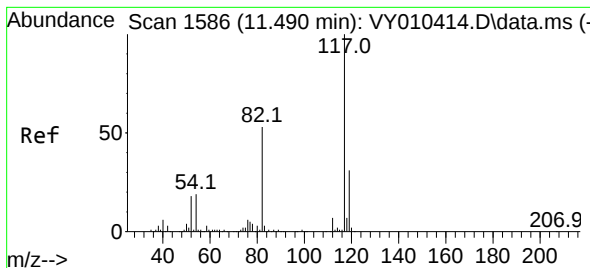
Tgt Ion: 98 Resp: 367341
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.775 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion: 95 Resp: 126173
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 84.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010428.D

Acq: 09 Sep 2022 19:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-8.5-9.0

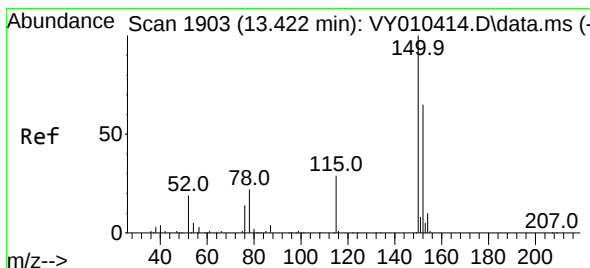
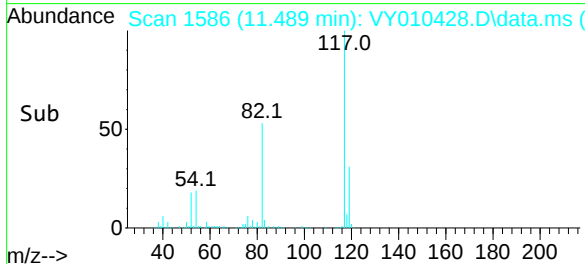
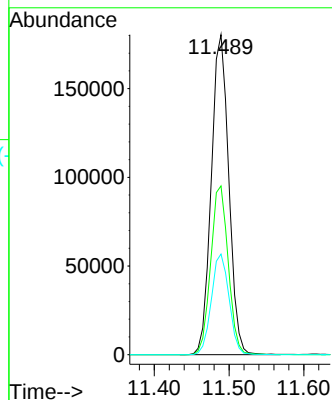
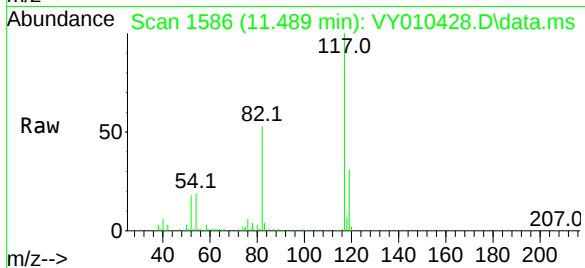
Tgt Ion:117 Resp: 293323

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

119 31.4 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: VY010428.D

Acq: 09 Sep 2022 19:19

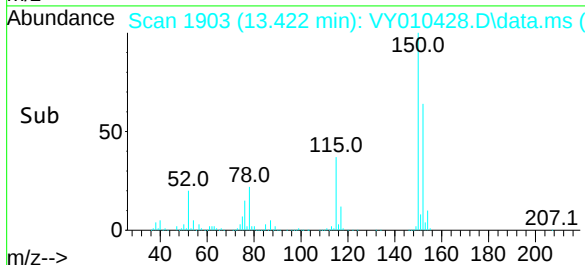
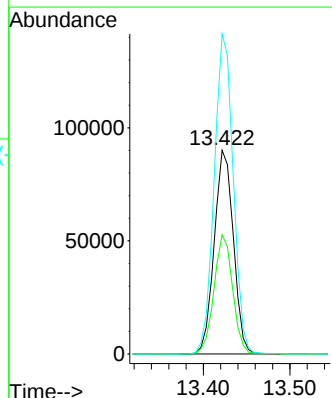
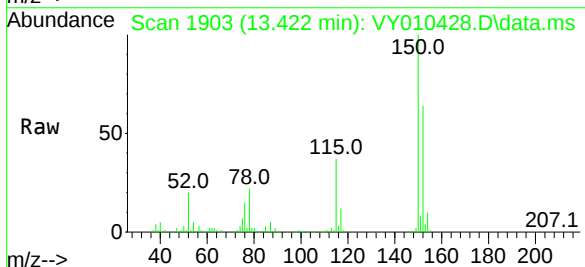
Tgt Ion:152 Resp: 138437

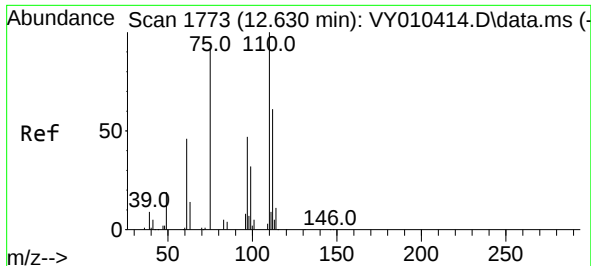
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 156.1 0.0 347.6

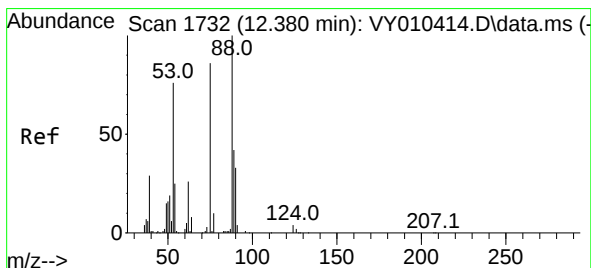
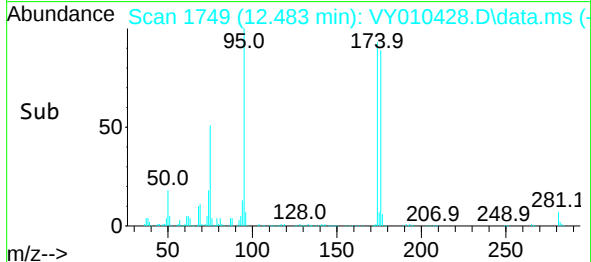
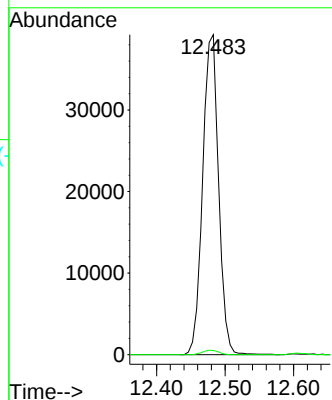
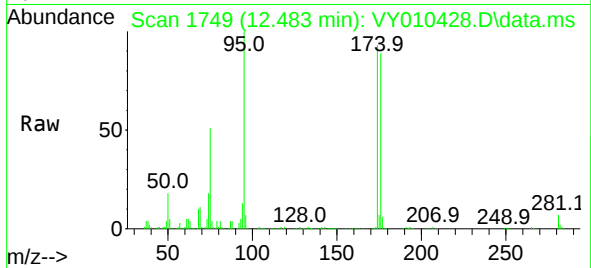




#76
1,2,3-Trichloropropane
Concen: 41.484 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

Tgt Ion: 75 Resp: 63382
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.108 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion: 75 Resp: 63382
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

