

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009847.D
 Acq On : 04 Aug 2022 21:02
 Operator : KP/MD
 Sample : N3998-09
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-2

Quant Time: Aug 05 01:45:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

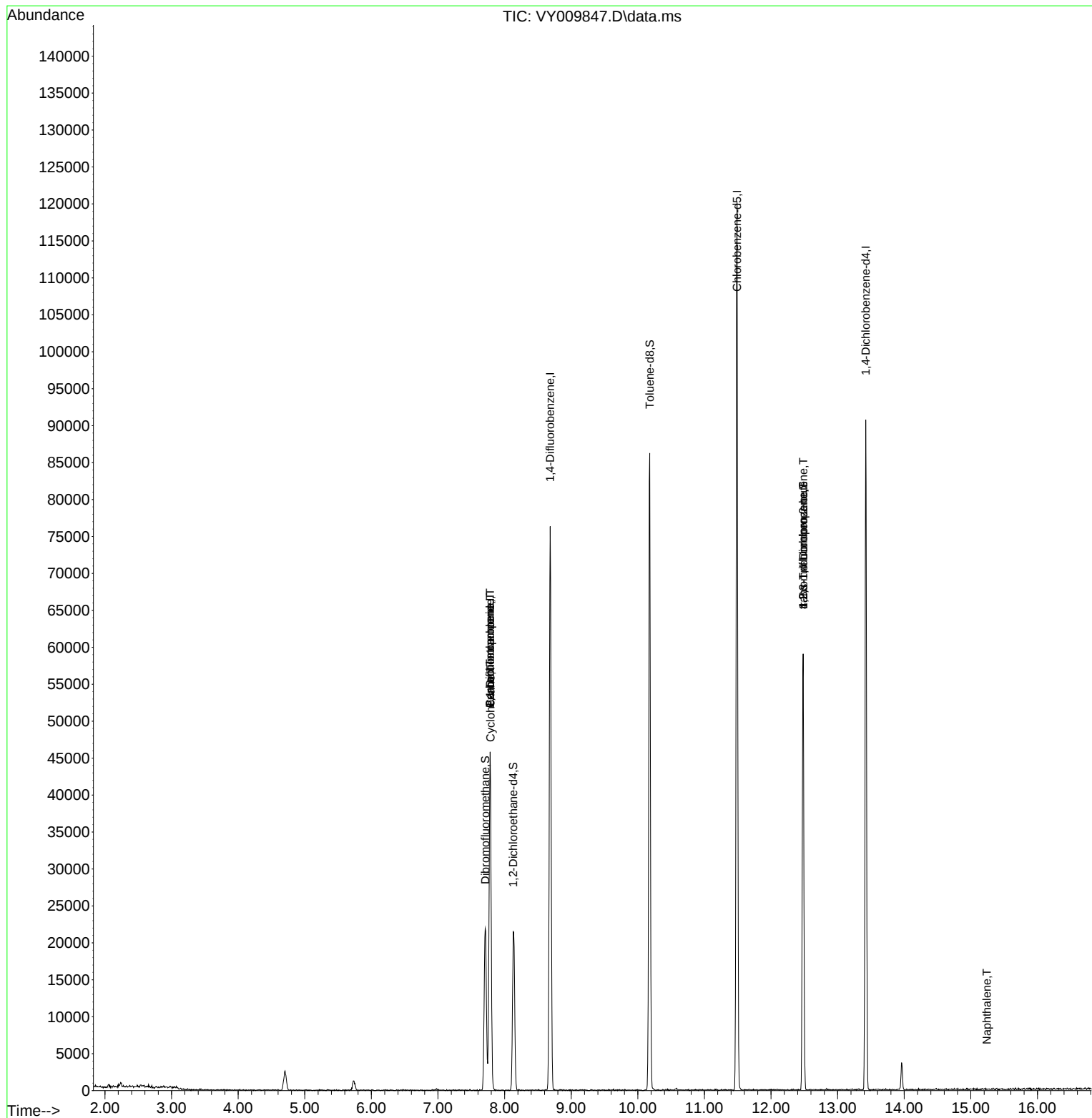
Internal Standards						
1) Pentafluorobenzene	7.783	168	34651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	62511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	16830	60.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.680%
35) Dibromofluoromethane	7.710	113	15476	40.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.200%
50) Toluene-d8	10.179	98	53795	47.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.483	95	15128	29.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	58.620%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	1744	Below Cal	#	86
31) Cyclohexane	7.789	56	844	1.287	ug/l #	37
36) 1,1-Dichloropropene	7.783	75	2696	4.264	ug/l #	48
38) Carbon Tetrachloride	7.783	117	3336	5.016	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	8263	31.973	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8263	68.621	ug/l #	12
95) Naphthalene	15.239	128	24	5.444	ug/l #	69

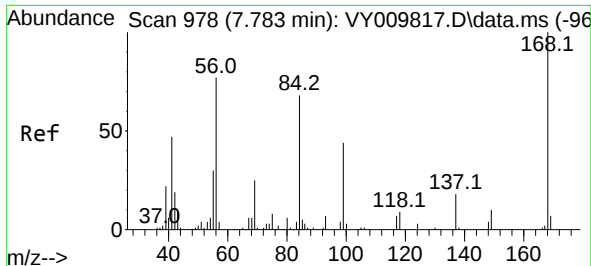
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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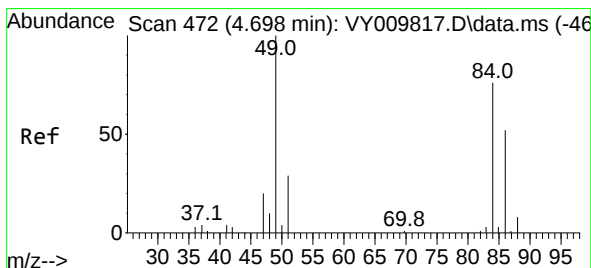
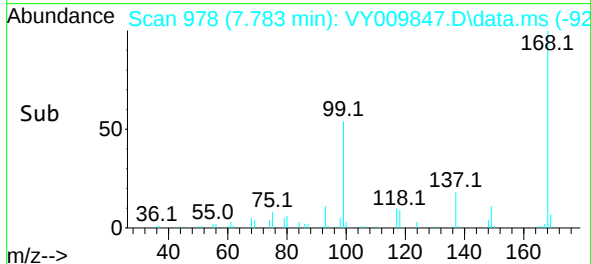
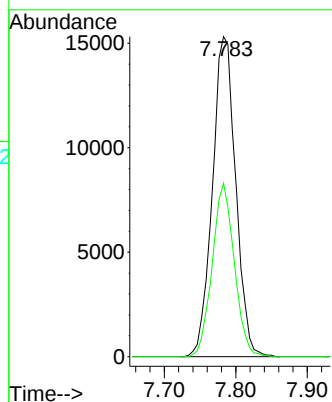
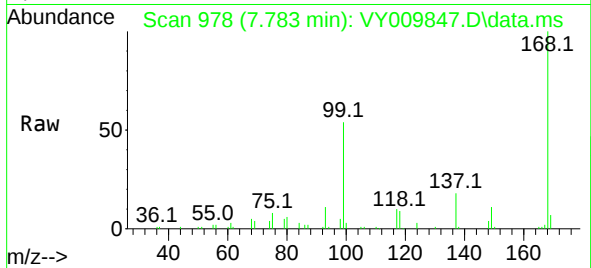




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

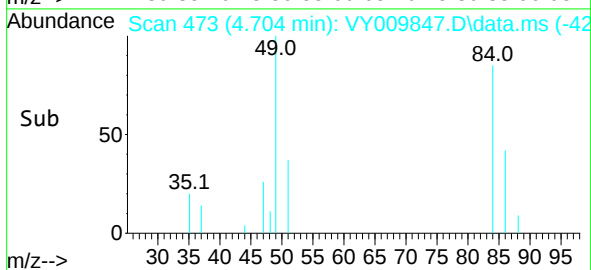
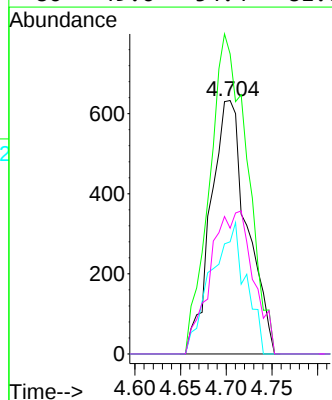
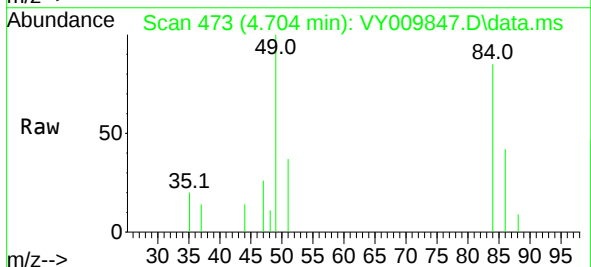
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

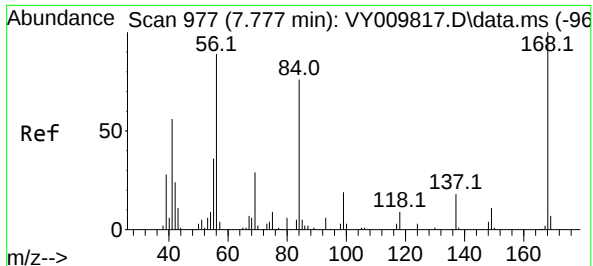
Tgt Ion:168 Resp: 34651
Ion Ratio Lower Upper
168 100
99 54.2 44.7 67.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

Tgt Ion: 84 Resp: 1744
Ion Ratio Lower Upper
84 100
49 118.3 104.6 156.8
51 44.2 30.9 46.3
86 49.6 54.4 81.6#

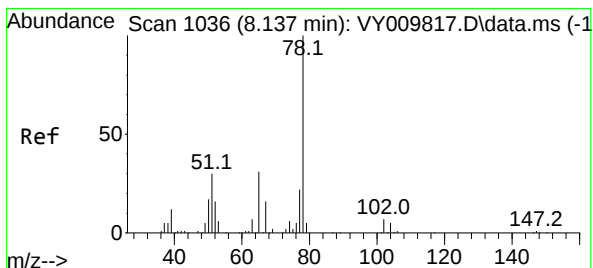
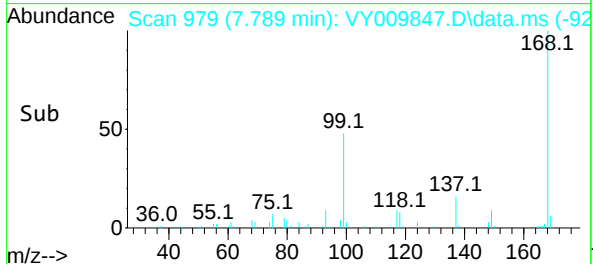
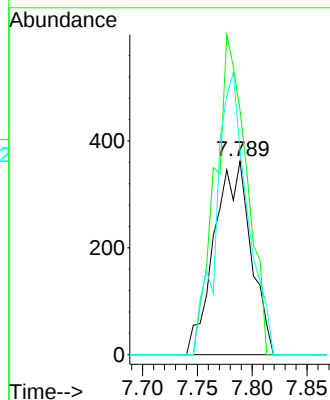
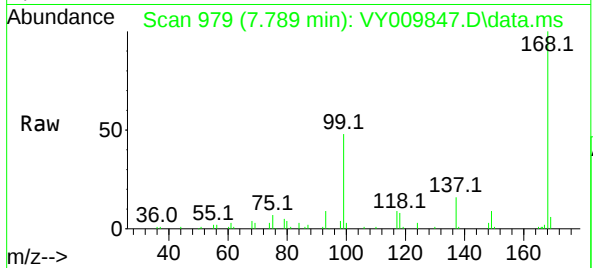




#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

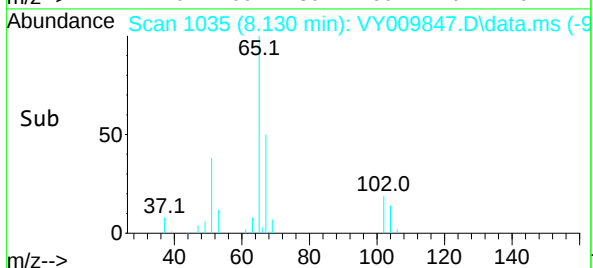
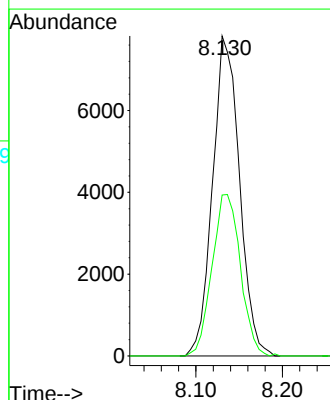
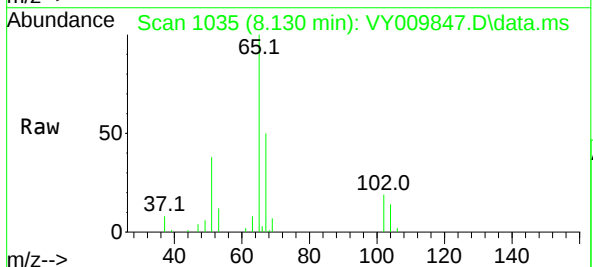
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

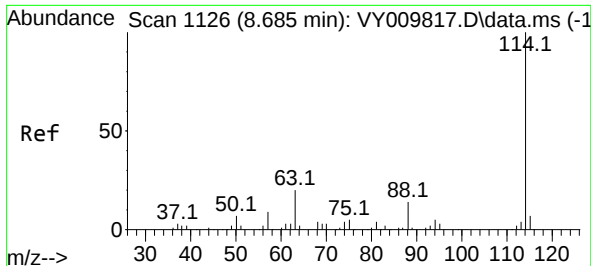
Tgt Ion: 56 Resp: 844
Ion Ratio Lower Upper
56 100
69 126.5 25.8 38.8#
84 105.5 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 60.338 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

Tgt Ion: 65 Resp: 16830
Ion Ratio Lower Upper
65 100
67 53.3 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009847.D

Acq: 04 Aug 2022 21:02

Instrument :

MSVOA_Y

ClientSampleId :

SS-2

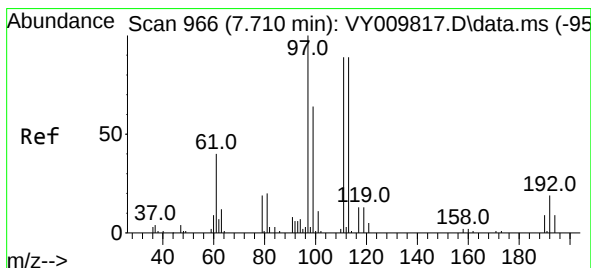
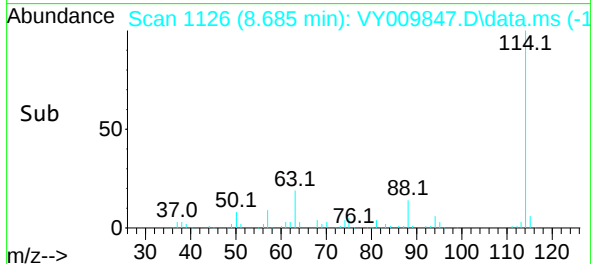
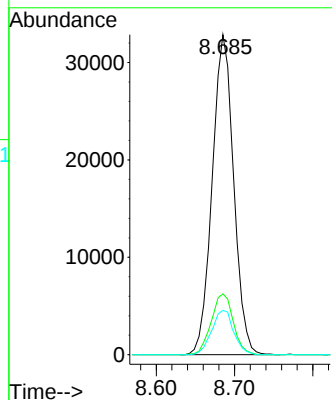
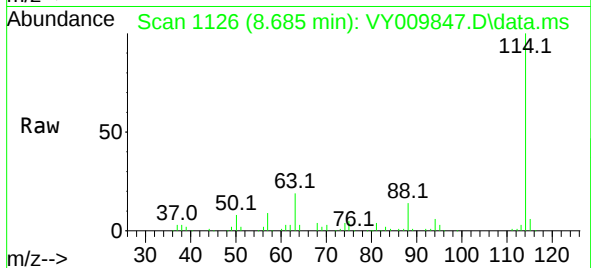
Tgt Ion:114 Resp: 62511

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

88 13.8 0.0 27.6



#35

Dibromofluoromethane

Concen: 40.605 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009847.D

Acq: 04 Aug 2022 21:02

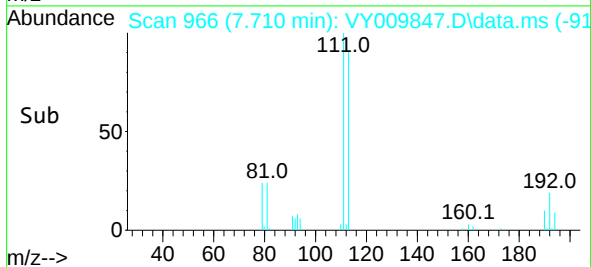
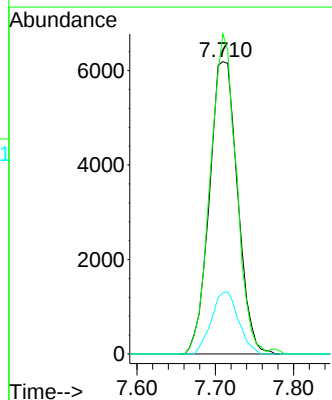
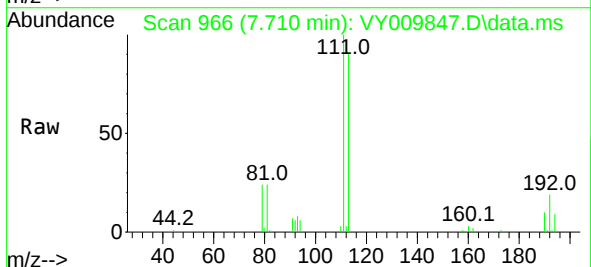
Tgt Ion:113 Resp: 15476

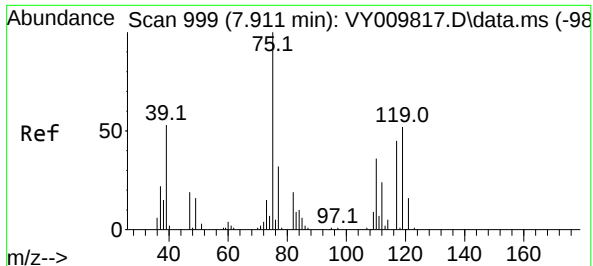
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 20.3 16.5 24.7

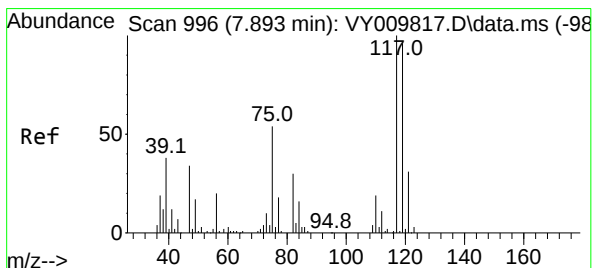
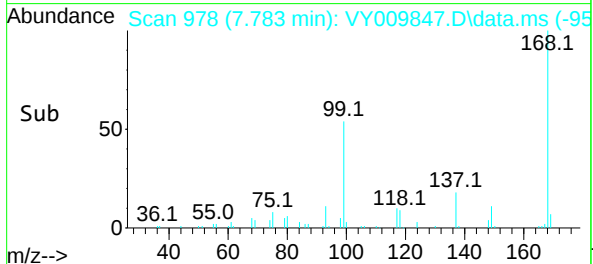
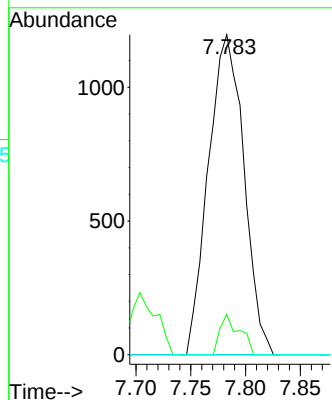
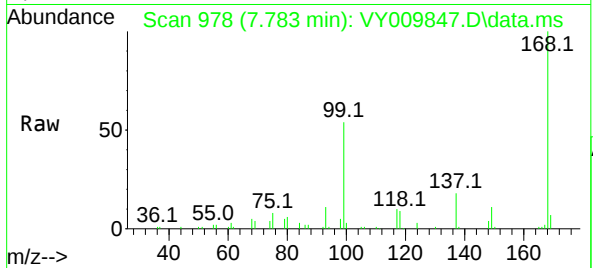




#36
1,1-Dichloropropene
Concen: 4.264 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

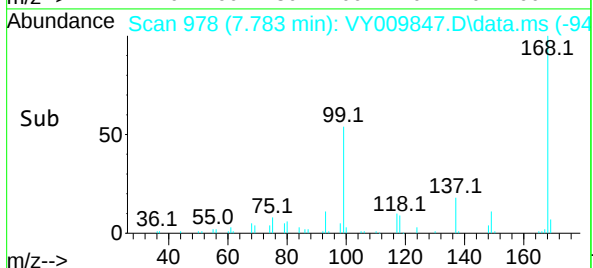
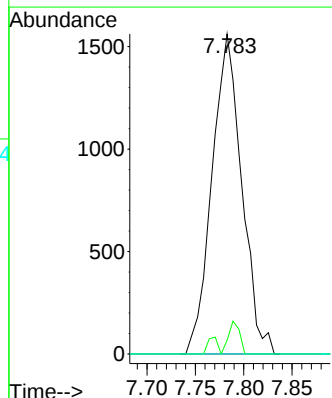
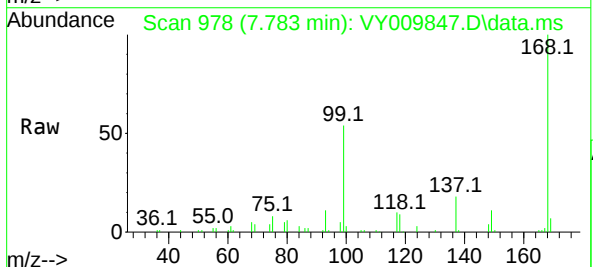
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

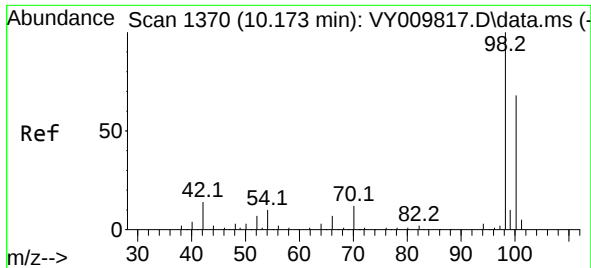
Tgt Ion: 75 Resp: 2696
Ion Ratio Lower Upper
75 100
110 6.9 17.8 53.4#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.016 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

Tgt Ion: 117 Resp: 3336
Ion Ratio Lower Upper
117 100
119 4.2 76.8 115.2#
121 0.0 24.9 37.3#

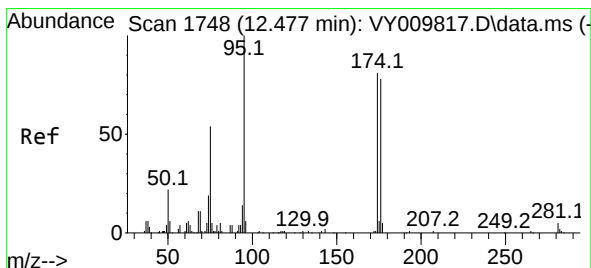
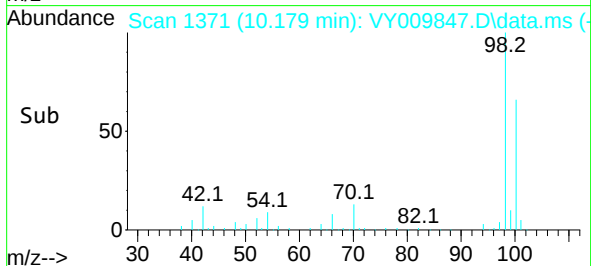
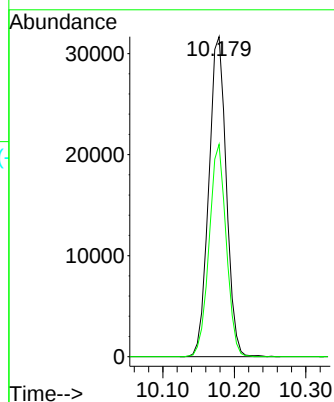
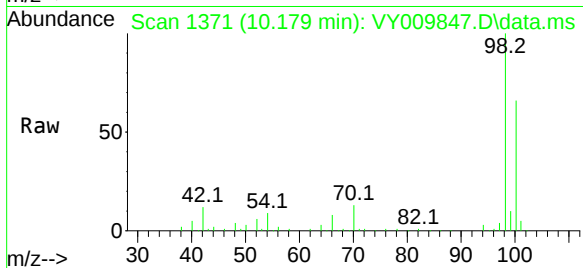




#50
Toluene-d8
Concen: 47.768 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

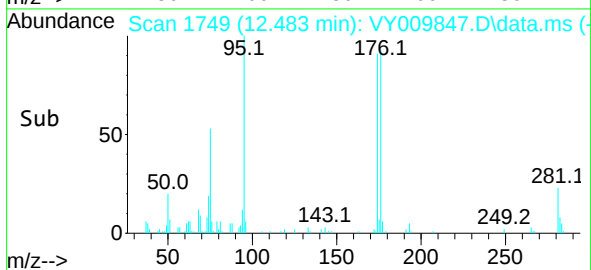
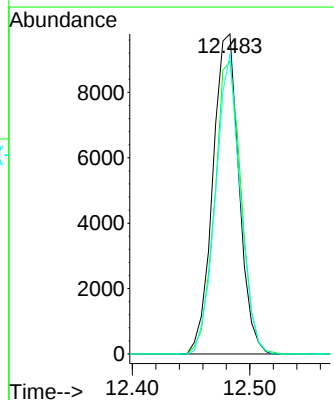
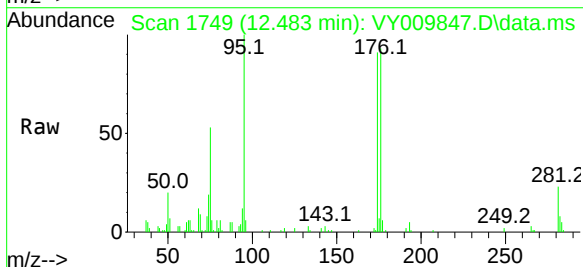
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

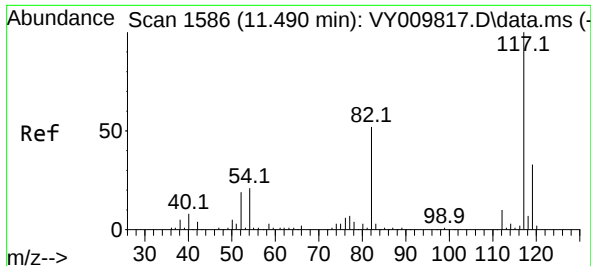
Tgt Ion: 98 Resp: 53795
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 29.312 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

Tgt Ion: 95 Resp: 15128
Ion Ratio Lower Upper
95 100
174 92.5 0.0 168.6
176 88.5 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009847.D

Acq: 04 Aug 2022 21:02

Instrument :

MSVOA_Y

ClientSampleId :

SS-2

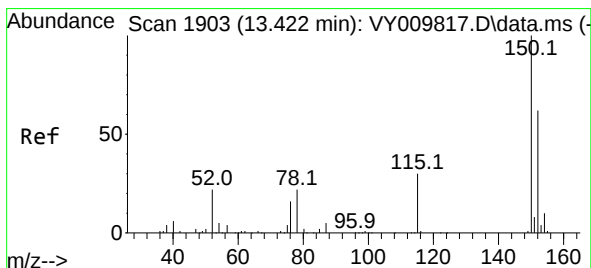
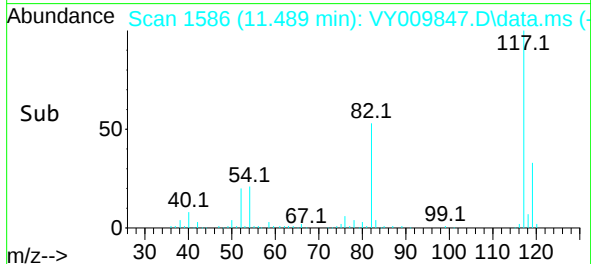
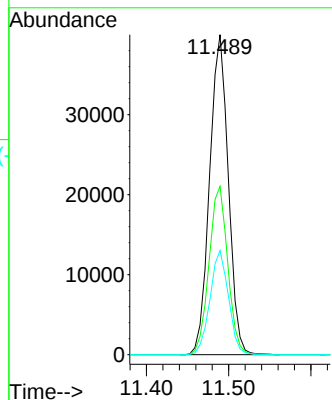
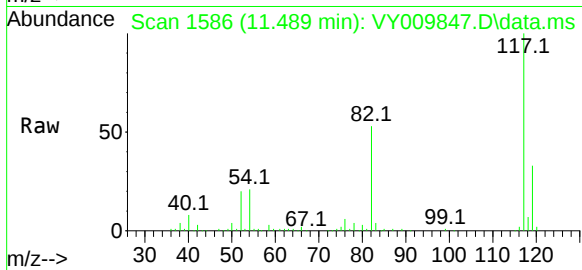
Tgt Ion:117 Resp: 63122

Ion Ratio Lower Upper

117 100

82 52.6 41.7 62.5

119 32.5 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009847.D

Acq: 04 Aug 2022 21:02

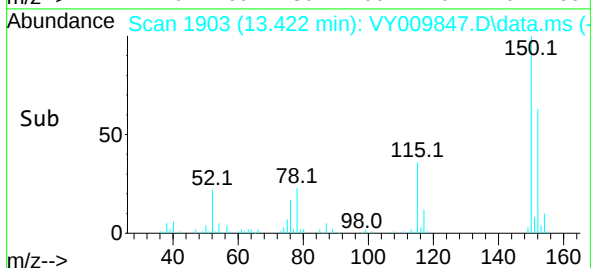
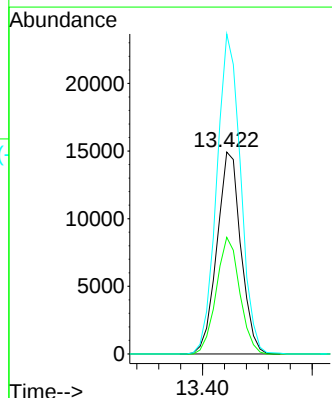
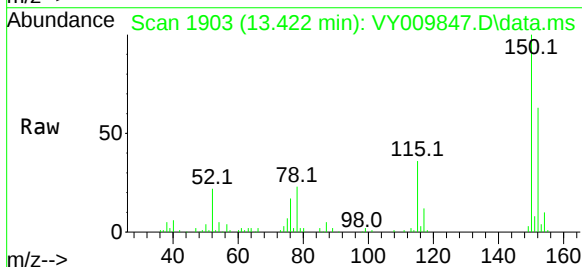
Tgt Ion:152 Resp: 22592

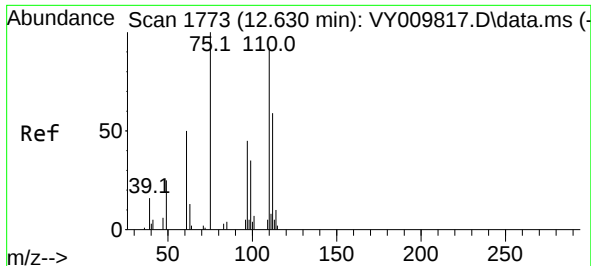
Ion Ratio Lower Upper

152 100

115 56.5 28.9 86.7

150 158.4 0.0 354.2

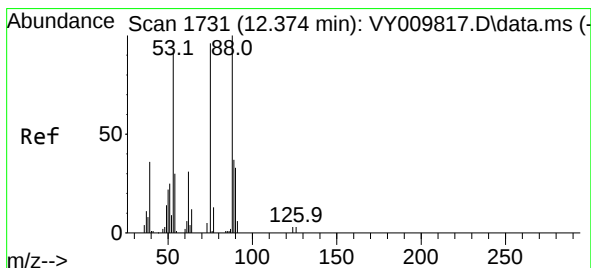
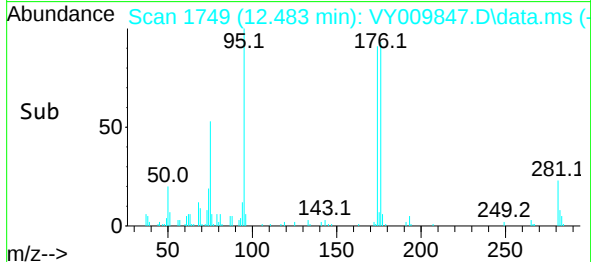
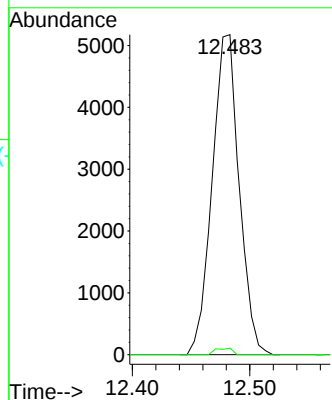
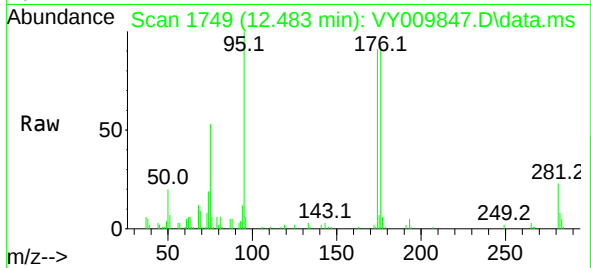




#76
1,2,3-Trichloropropane
Concen: 31.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

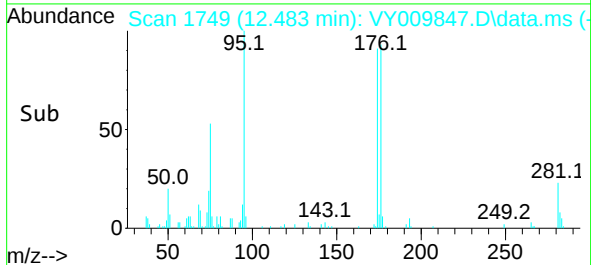
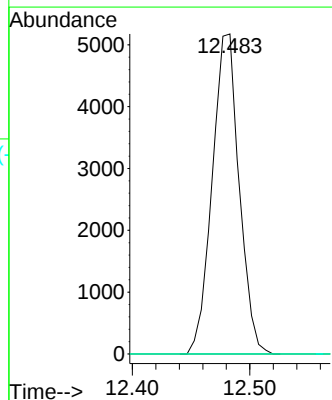
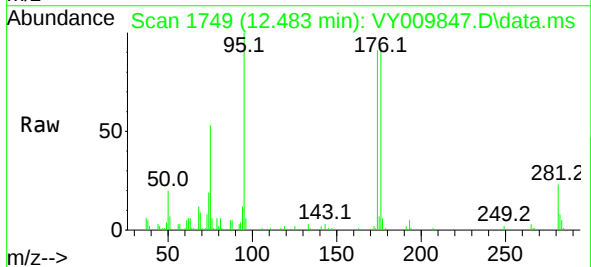
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

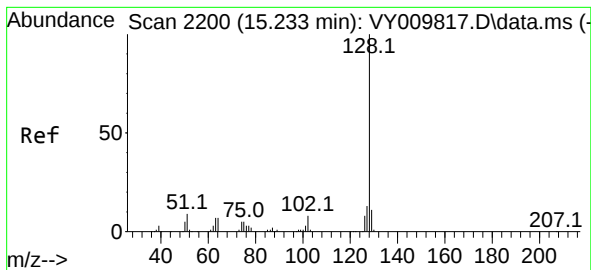
Tgt Ion: 75 Resp: 8263
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

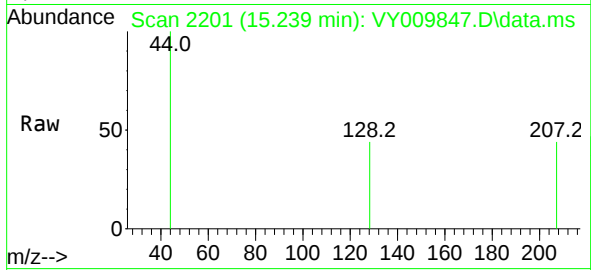
Tgt Ion: 75 Resp: 8263
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 5.444 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

Instrument :
MSVOA_Y
ClientSampleId :
SS-2



Tgt Ion:128 Resp: 24
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

