

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014954.D
 Acq On : 03 Aug 2023 17:26
 Operator : SY/MD
 Sample : 03887-13
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MCLEAN-TP9

Quant Time: Aug 04 04:33:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

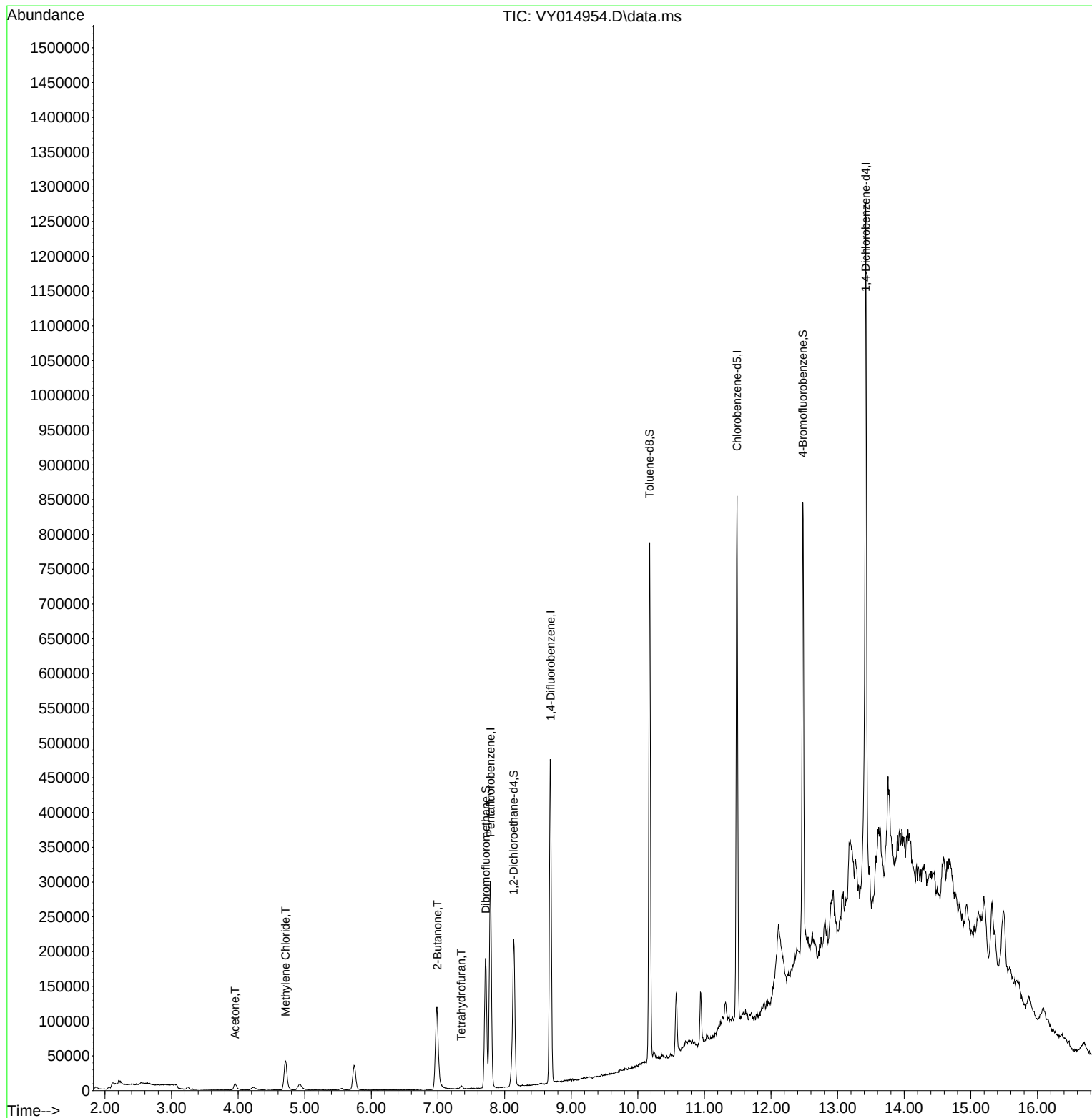
Internal Standards						
1) Pentafluorobenzene	7.789	168	230895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	410567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	397784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	207874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156499	59.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.960%
35) Dibromofluoromethane	7.716	113	131642	50.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.740%
50) Toluene-d8	10.179	98	492649	51.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.477	95	203792	55.158	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.320%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	17253	20.693	ug/l	92
20) Methylene Chloride	4.710	84	32087	8.327	ug/l	89
25) 2-Butanone	6.990	43	26759	21.937	ug/l	97
29) Tetrahydrofuran	7.350	42	3303	4.398	ug/l	91

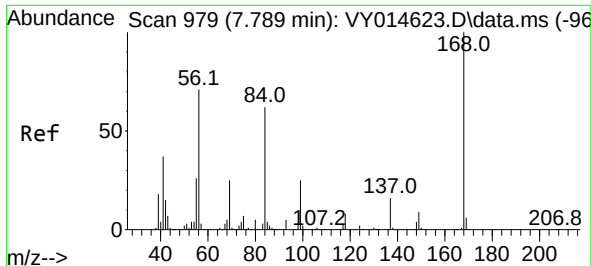
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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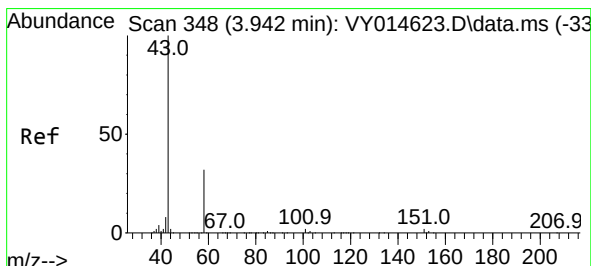
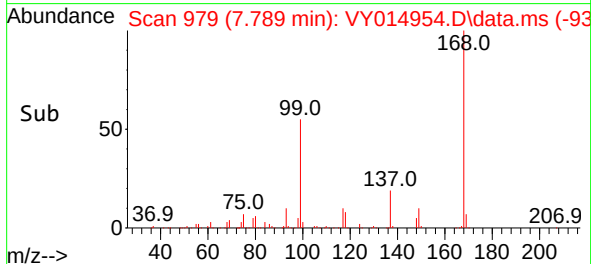
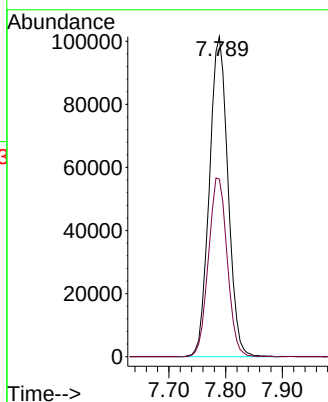
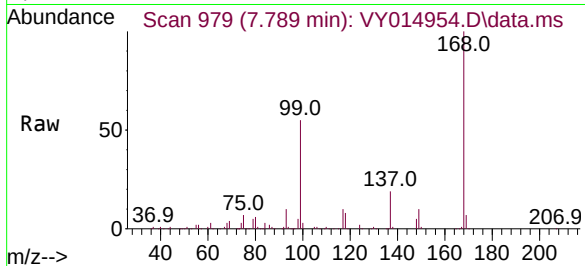




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014954.D
Acq: 03 Aug 2023 17:26

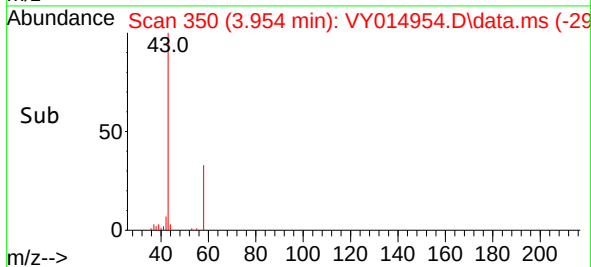
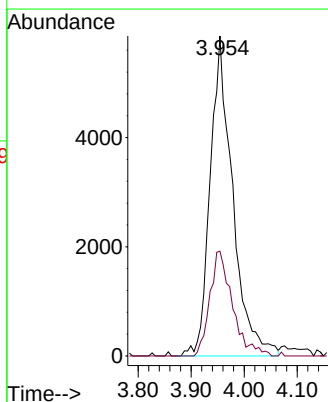
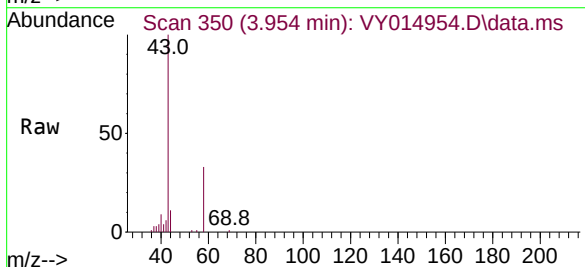
Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP9

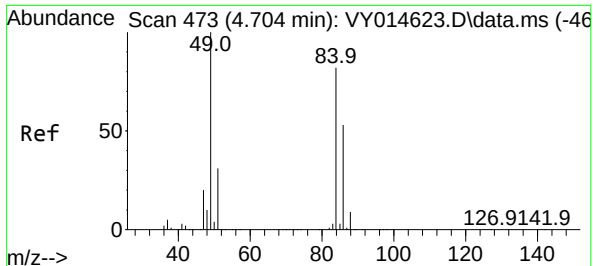
Tgt Ion:168 Resp: 230895
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#16
Acetone
Concen: 20.693 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014954.D
Acq: 03 Aug 2023 17:26

Tgt Ion: 43 Resp: 17253
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1



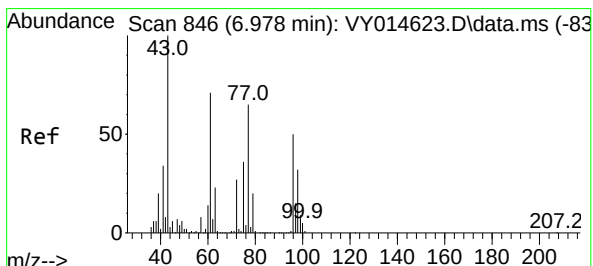
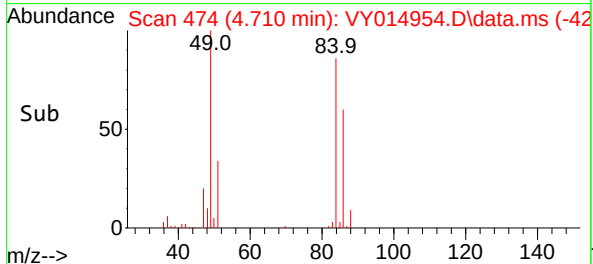
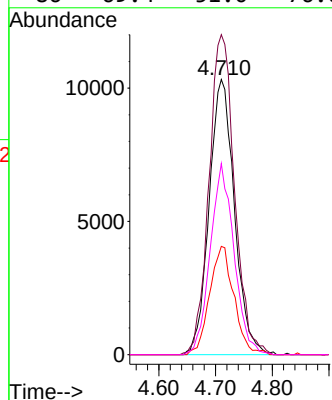
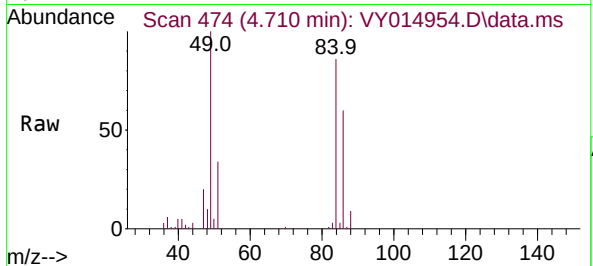


#20
Methylene Chloride
Concen: 8.327 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014954.D
Acq: 03 Aug 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP9

Tgt Ion: 84 Resp: 32087

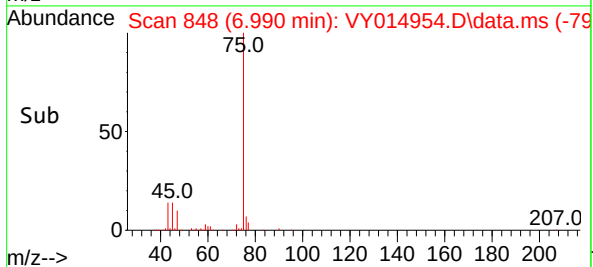
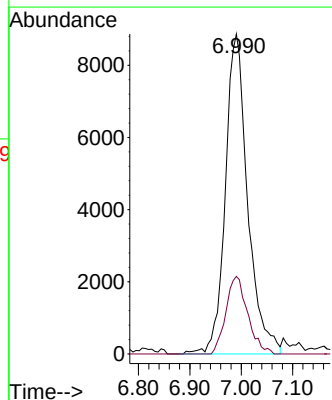
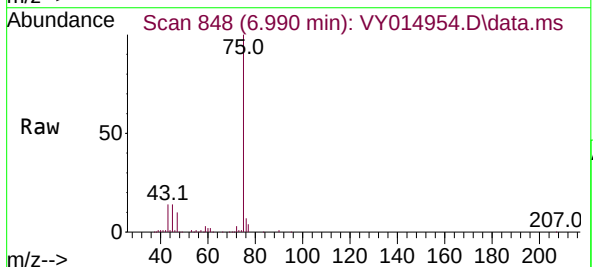
Ion	Ratio	Lower	Upper
84	100		
49	116.3	106.9	160.3
51	39.4	33.2	49.8
86	69.4	51.0	76.6

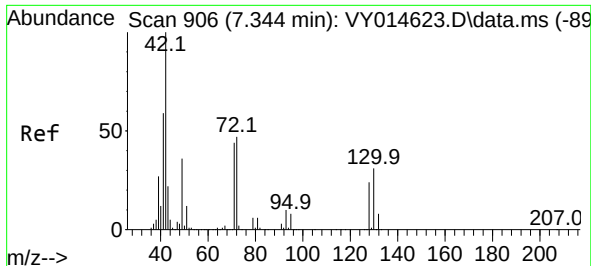


#25
2-Butanone
Concen: 21.937 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY014954.D
Acq: 03 Aug 2023 17:26

Tgt Ion: 43 Resp: 26759

Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.5	30.7





#29

Tetrahydrofuran

Concen: 4.398 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014954.D

Acq: 03 Aug 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

MCLEAN-TP9

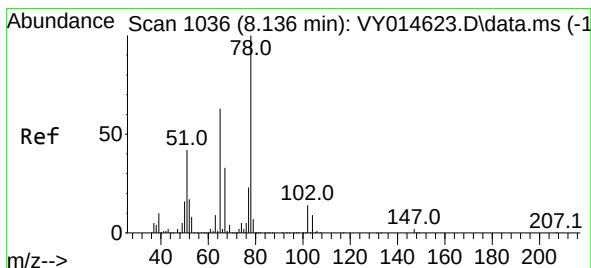
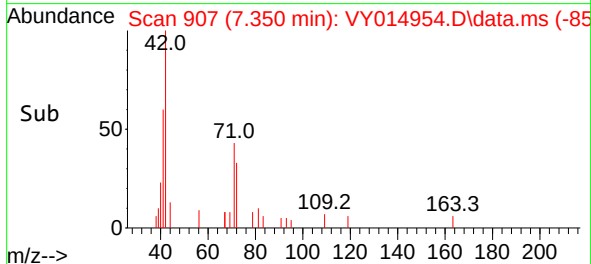
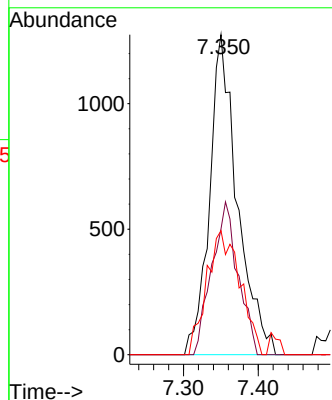
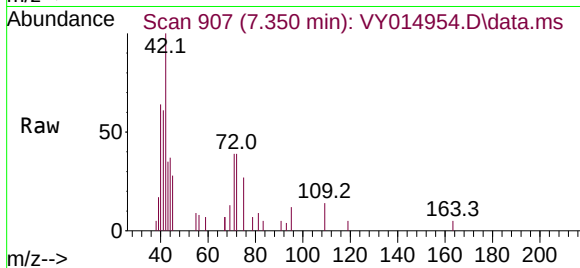
Tgt Ion: 42 Resp: 3303

Ion Ratio Lower Upper

42 100

72 44.9 32.8 49.2

71 46.4 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 59.480 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014954.D

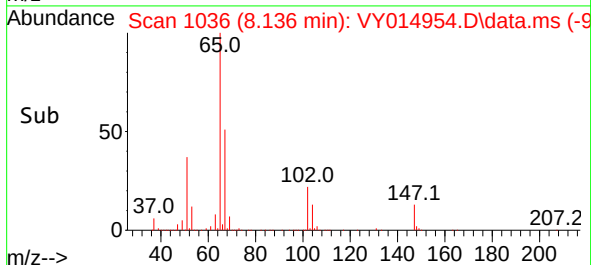
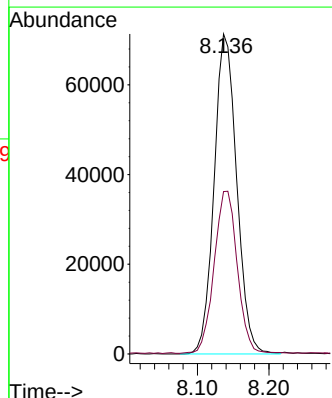
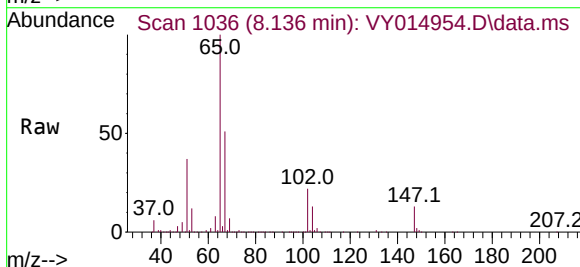
Acq: 03 Aug 2023 17:26

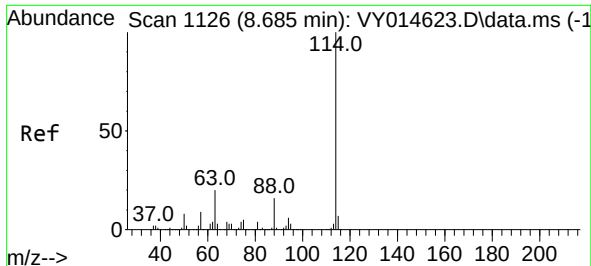
Tgt Ion: 65 Resp: 156499

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014954.D

Acq: 03 Aug 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

MCLEAN-TP9

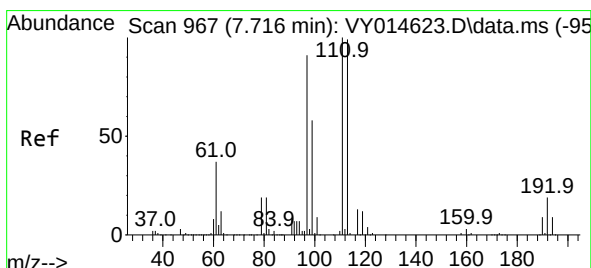
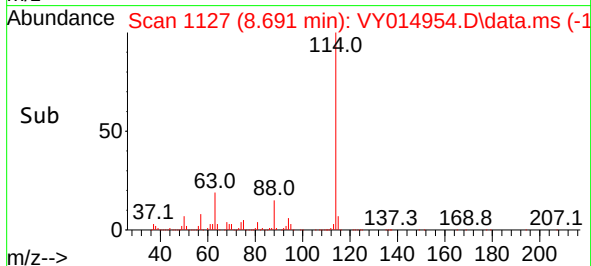
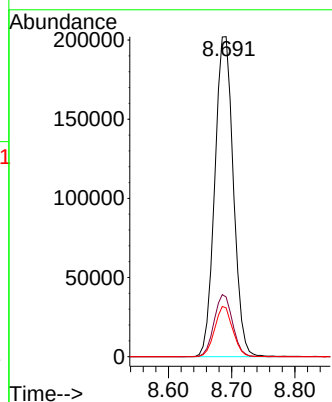
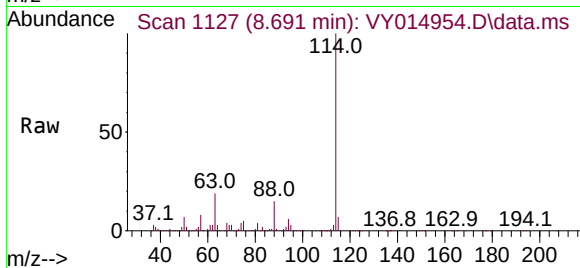
Tgt Ion:114 Resp: 410567

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.369 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014954.D

Acq: 03 Aug 2023 17:26

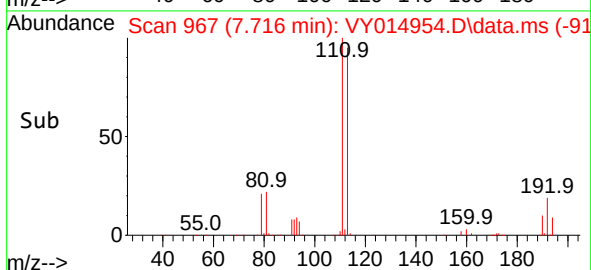
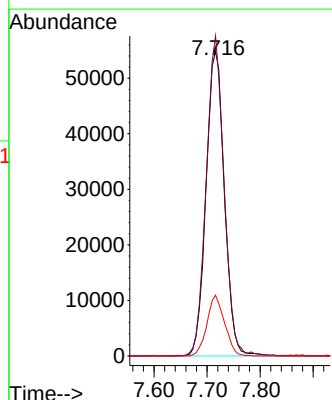
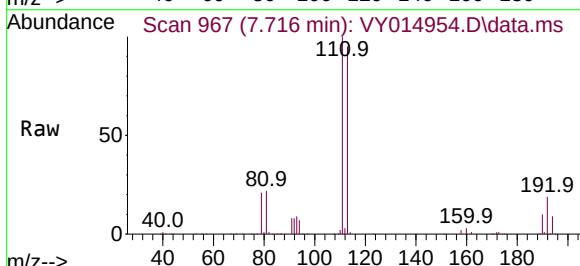
Tgt Ion:113 Resp: 131642

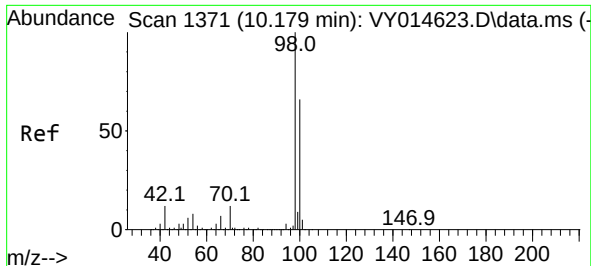
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.1 16.9 25.3

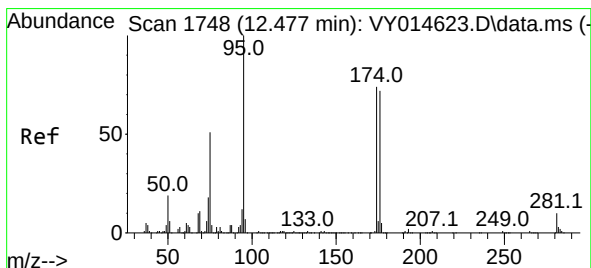
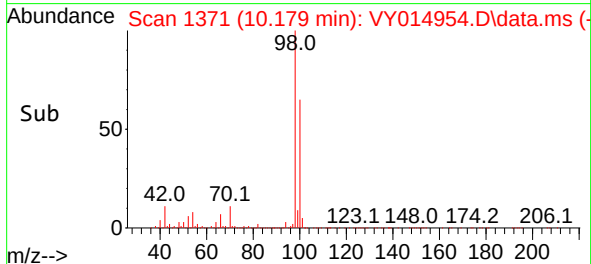
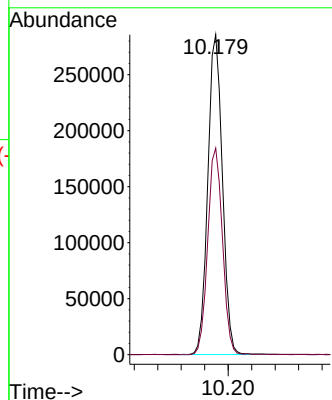
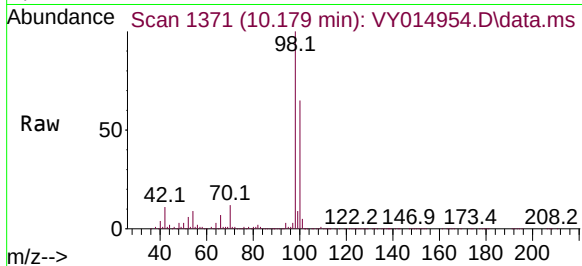




#50
Toluene-d8
Concen: 51.128 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014954.D
Acq: 03 Aug 2023 17:26

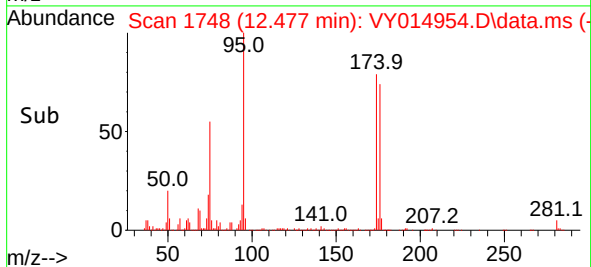
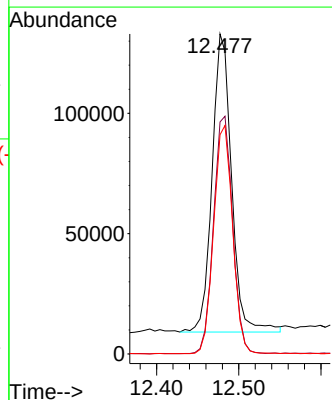
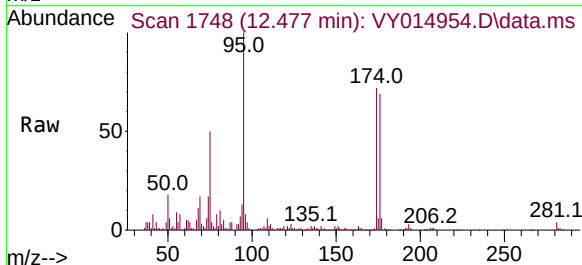
Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP9

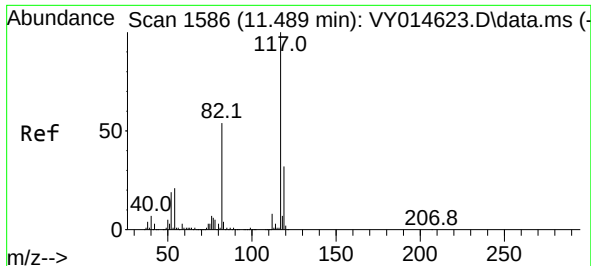
Tgt Ion: 98 Resp: 492649
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.158 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014954.D
Acq: 03 Aug 2023 17:26

Tgt Ion: 95 Resp: 203792
Ion Ratio Lower Upper
95 100
174 78.1 0.0 178.2
176 74.8 0.0 173.8

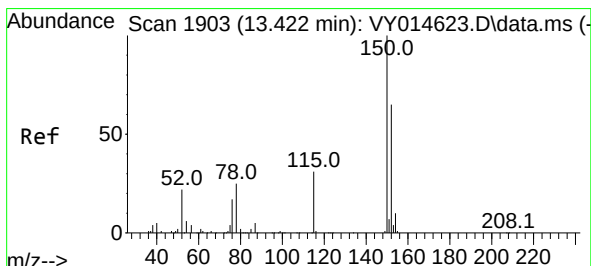
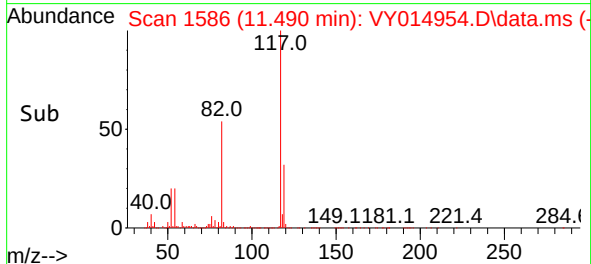
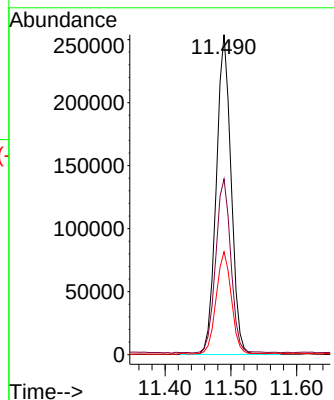
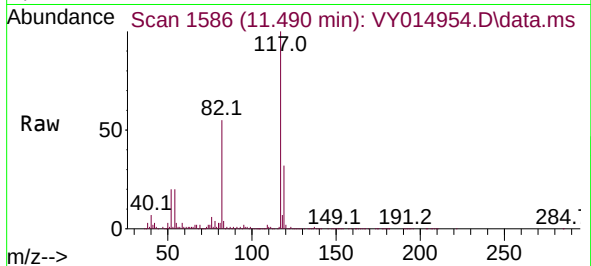




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014954.D
Acq: 03 Aug 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP9

Tgt Ion:117 Resp: 397784
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014954.D
Acq: 03 Aug 2023 17:26

Tgt Ion:152 Resp: 207874
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 152.7 0.0 348.8

