

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009731.D
 Acq On : 27 Jul 2022 17:49
 Operator : KP/MD
 Sample : N3944-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2286

Quant Time: Jul 28 02:46:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

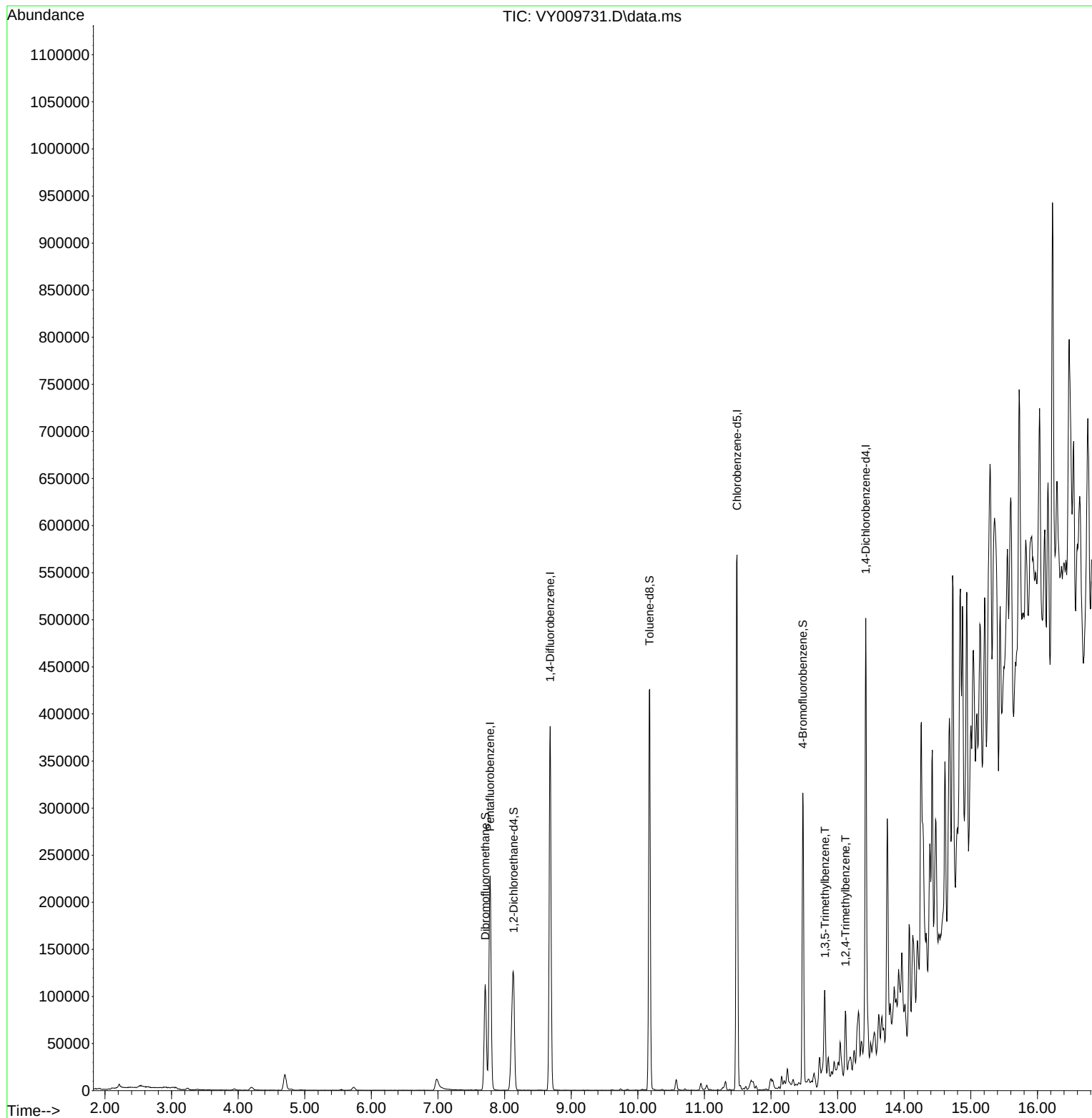
Internal Standards						
1) Pentafluorobenzene	7.783	168	190776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77830	62.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.180%
35) Dibromofluoromethane	7.710	113	78797	41.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.880%
50) Toluene-d8	10.179	98	287188	52.713	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.477	95	87294	35.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.080%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.812	105	15844	2.321	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	34465	5.008	ug/l	97

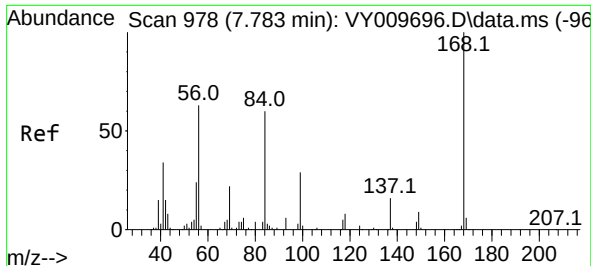
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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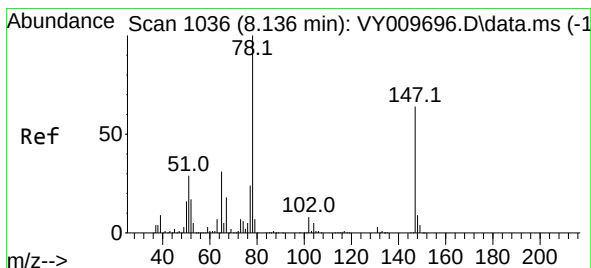
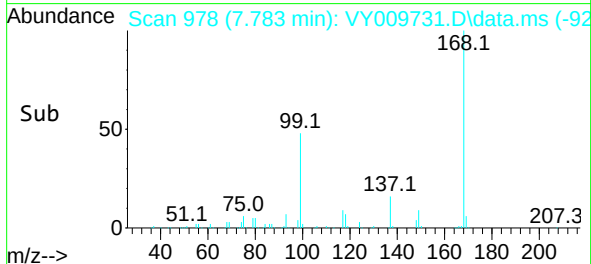
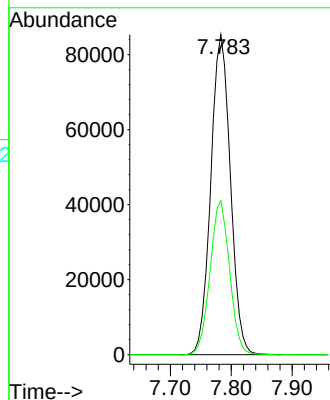
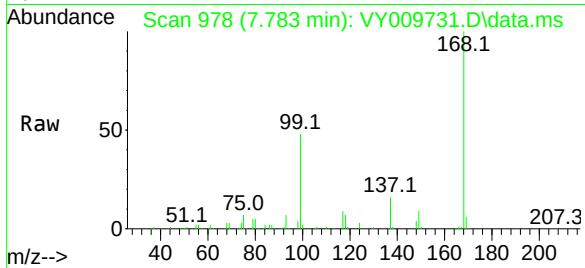




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009731.D
Acq: 27 Jul 2022 17:49

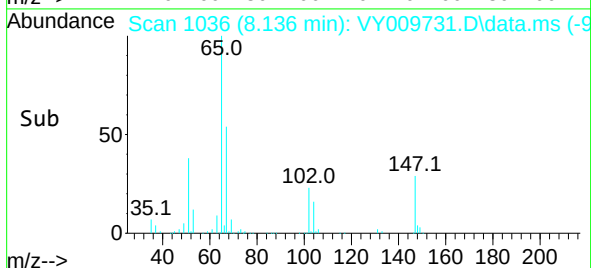
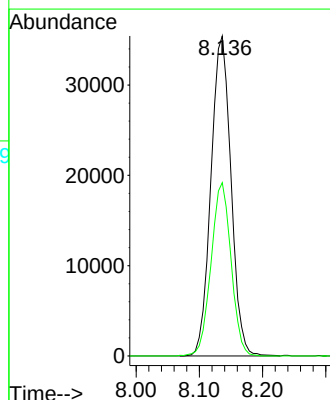
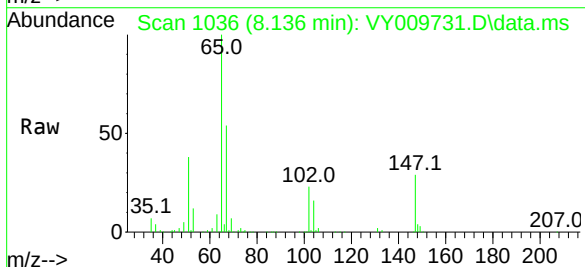
Instrument :
MSVOA_Y
ClientSampleId :
RT2286

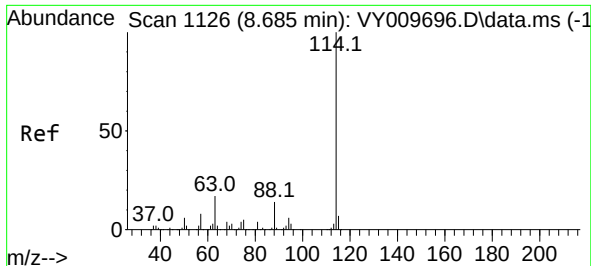
Tgt Ion:168 Resp: 190776
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.593 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009731.D
Acq: 27 Jul 2022 17:49

Tgt Ion: 65 Resp: 77830
Ion Ratio Lower Upper
65 100
67 54.0 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: VY009731.D

Acq: 27 Jul 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

RT2286

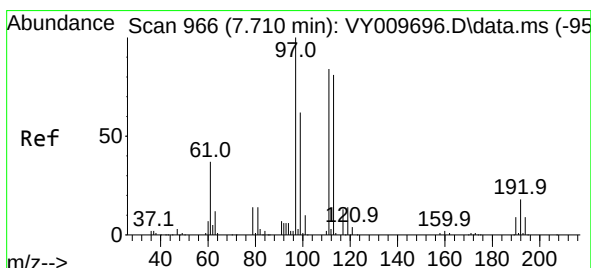
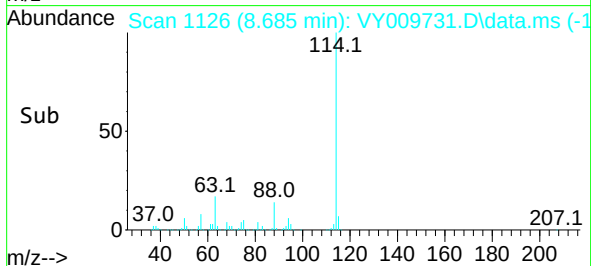
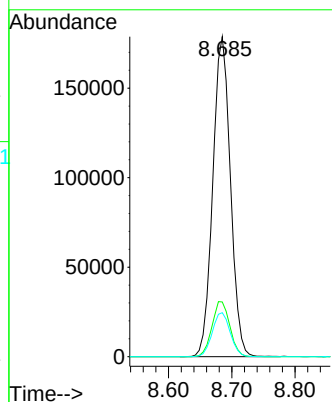
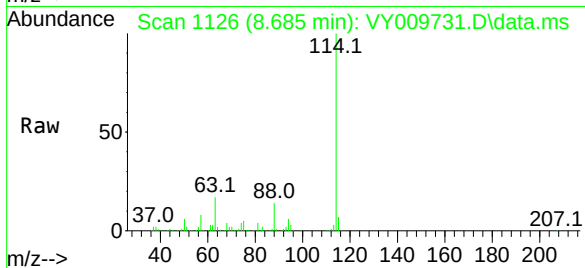
Tgt Ion:114 Resp: 345468

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.938 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009731.D

Acq: 27 Jul 2022 17:49

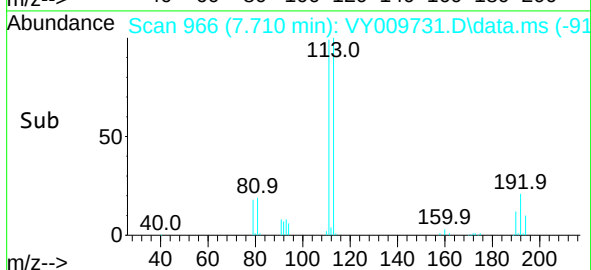
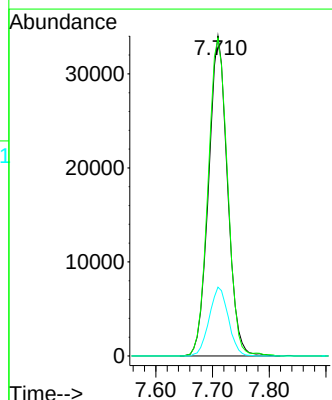
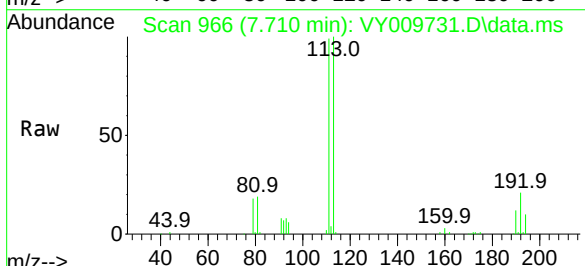
Tgt Ion:113 Resp: 78797

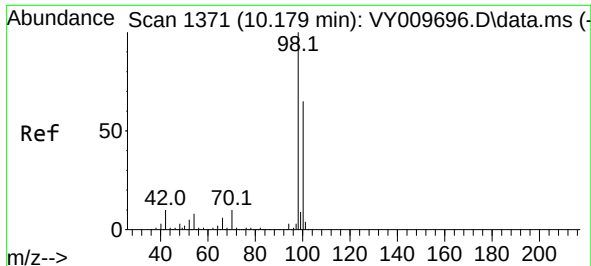
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 21.7 17.6 26.4

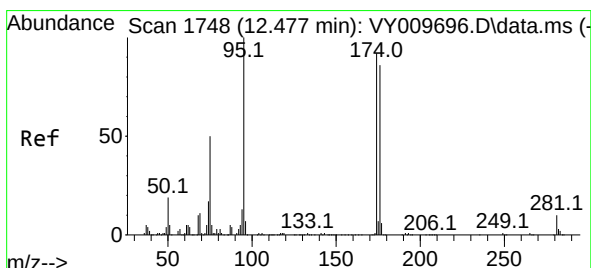
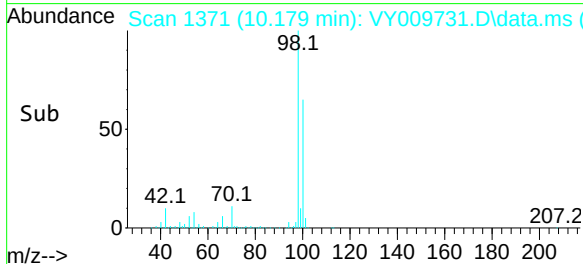
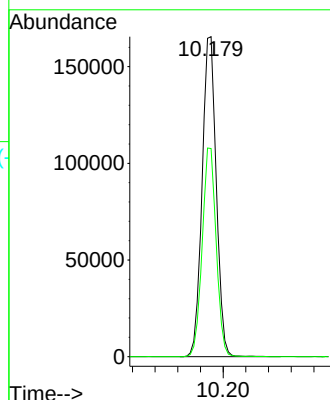
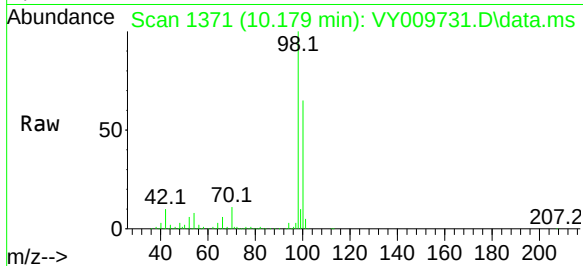




#50
Toluene-d8
Concen: 52.713 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009731.D
Acq: 27 Jul 2022 17:49

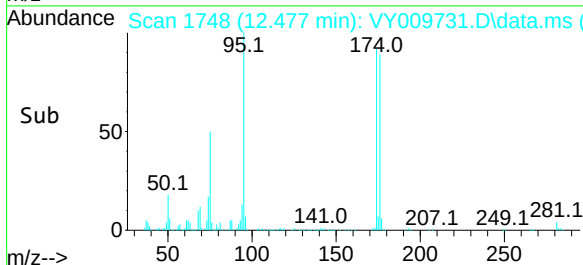
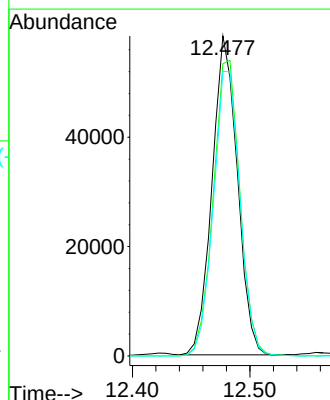
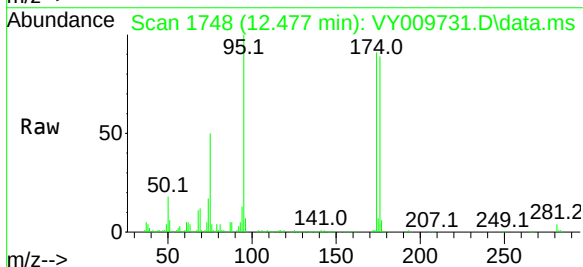
Instrument :
MSVOA_Y
ClientSampleId :
RT2286

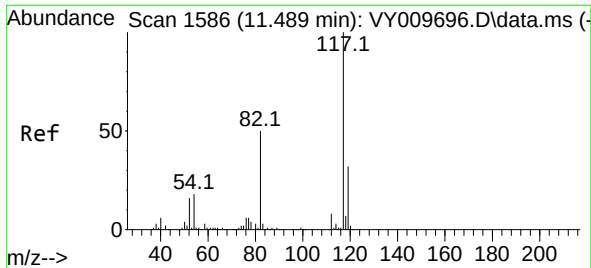
Tgt Ion: 98 Resp: 287188
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.038 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009731.D
Acq: 27 Jul 2022 17:49

Tgt Ion: 95 Resp: 87294
Ion Ratio Lower Upper
95 100
174 97.9 0.0 177.0
176 94.0 0.0 175.8

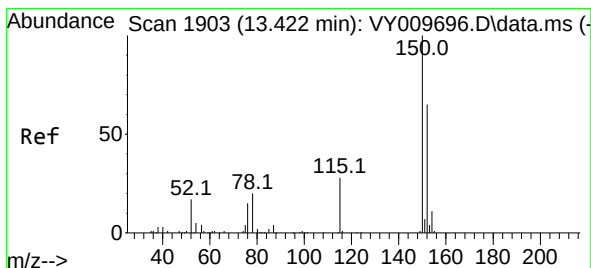
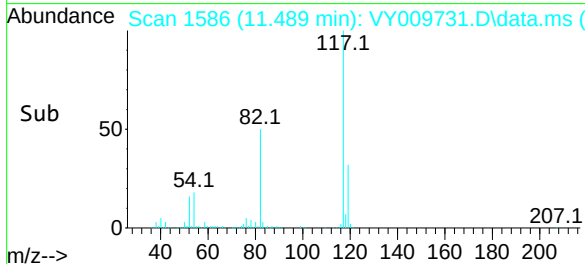
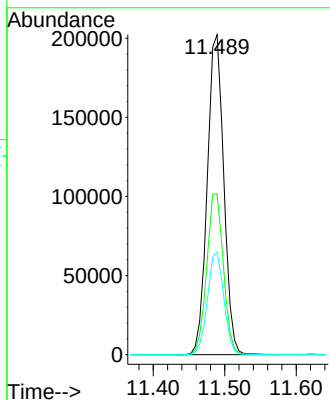
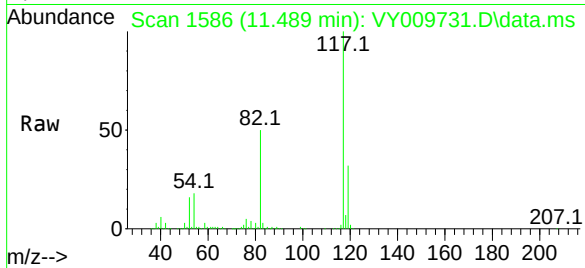




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009731.D
Acq: 27 Jul 2022 17:49

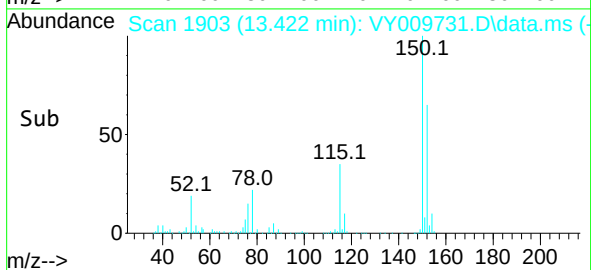
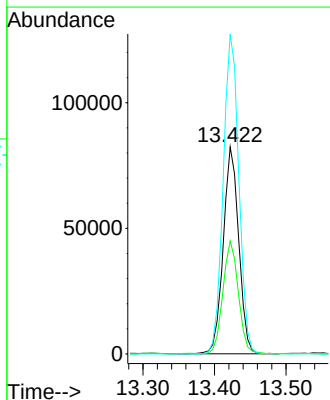
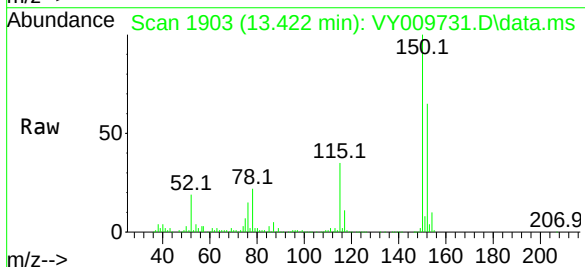
Instrument :
MSVOA_Y
ClientSampleId :
RT2286

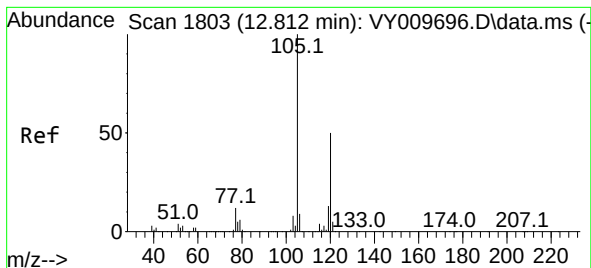
Tgt Ion:117 Resp: 324433
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009731.D
Acq: 27 Jul 2022 17:49

Tgt Ion:152 Resp: 123926
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 156.0 0.0 347.6





#80

1,3,5-Trimethylbenzene

Concen: 2.321 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY009731.D

Acq: 27 Jul 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

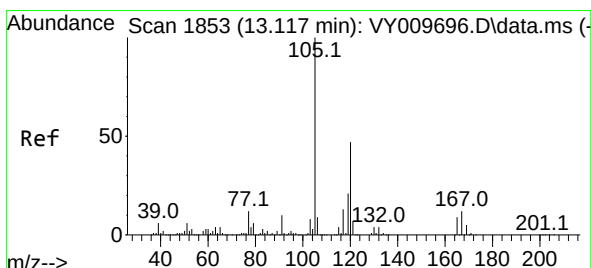
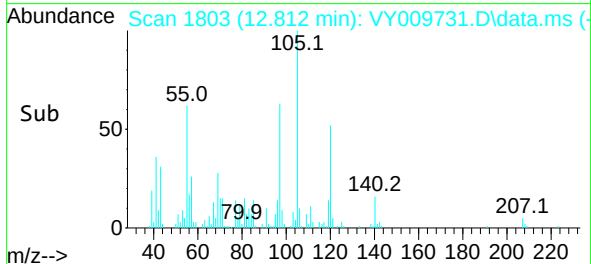
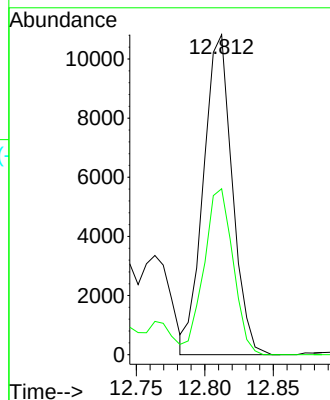
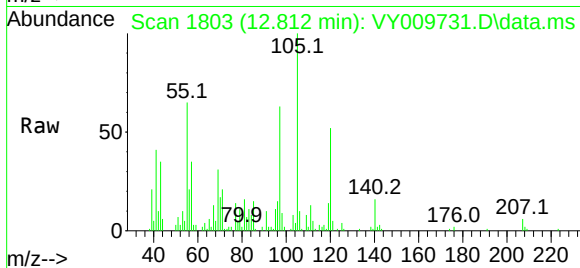
RT2286

Tgt Ion:105 Resp: 15844

Ion Ratio Lower Upper

105 100

120 52.4 24.4 73.4



#84

1,2,4-Trimethylbenzene

Concen: 5.008 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009731.D

Acq: 27 Jul 2022 17:49

Tgt Ion:105 Resp: 34465

Ion Ratio Lower Upper

105 100

120 46.4 22.3 66.9

