

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009730.D
 Acq On : 27 Jul 2022 17:26
 Operator : KP/MD
 Sample : N3942-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

Quant Time: Jul 28 02:46:36 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)

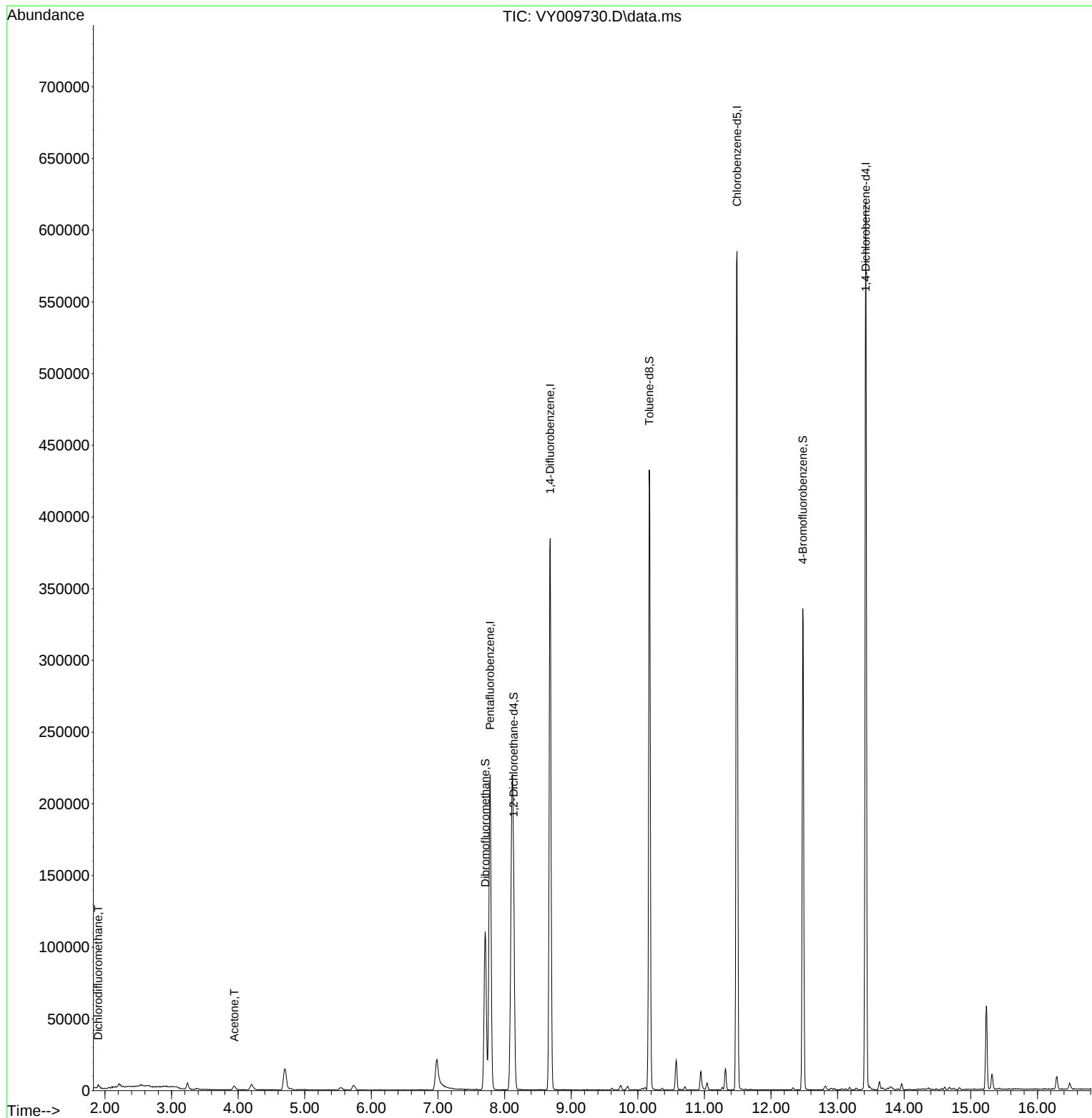
Internal Standards						
1) Pentafluorobenzene	7.783	168	180964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	340645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81555	69.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.500%
35) Dibromofluoromethane	7.710	113	79127	42.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.420%
50) Toluene-d8	10.173	98	289192	53.931	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.477	95	96838	39.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	78.840%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	1779	1.104	ug/l	99
16) Acetone	3.942	43	5330	12.319	ug/l	99

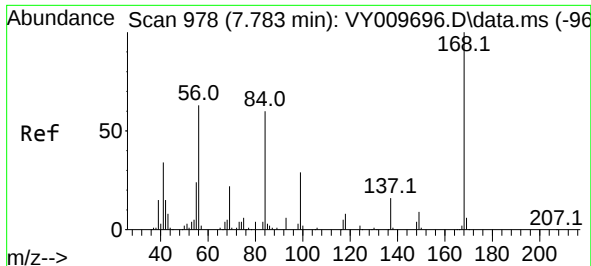
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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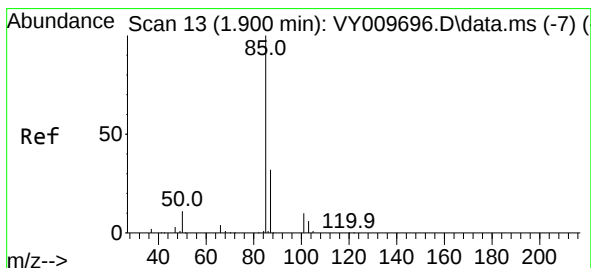
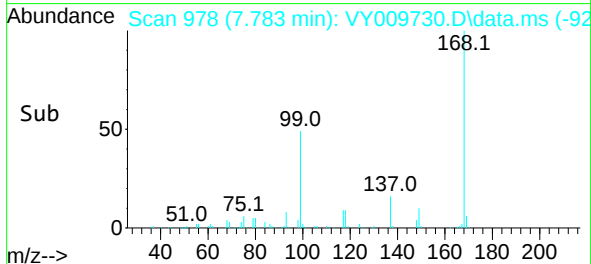
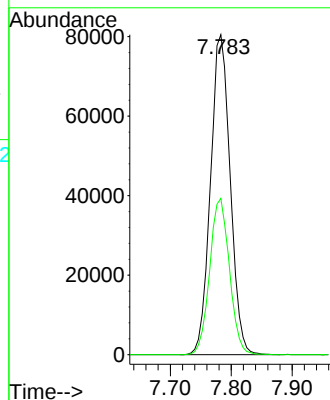
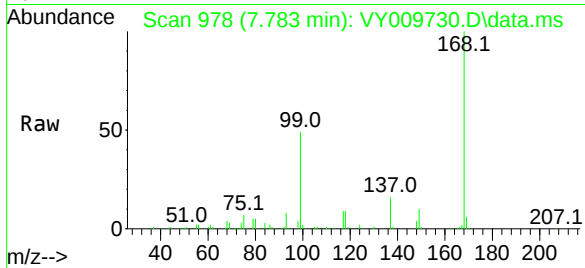




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009730.D
Acq: 27 Jul 2022 17:26

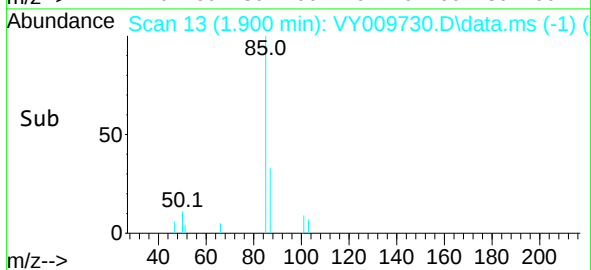
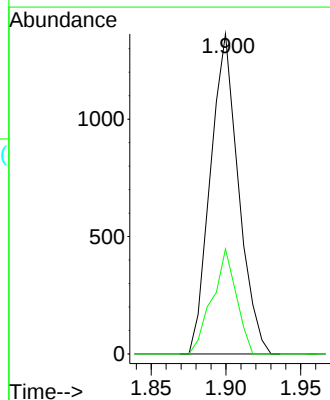
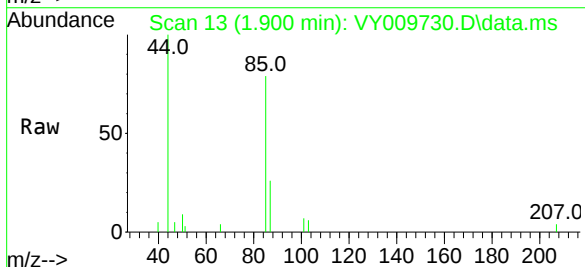
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

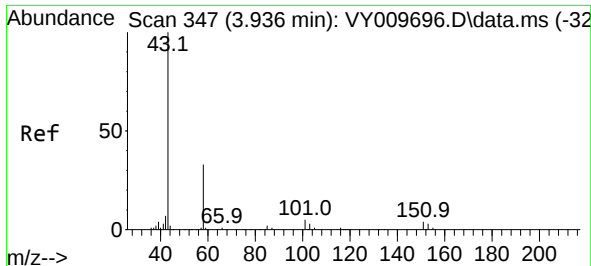
Tgt Ion:168 Resp: 180964
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.104 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009730.D
Acq: 27 Jul 2022 17:26

Tgt Ion: 85 Resp: 1779
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2





#16

Acetone

Concen: 12.319 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009730.D

Acq: 27 Jul 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

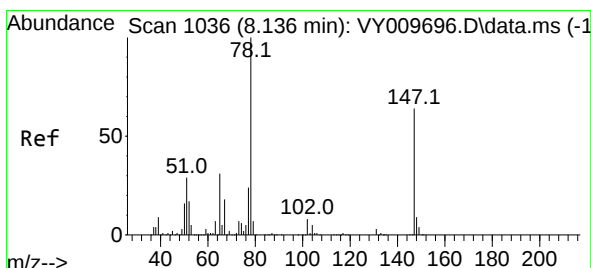
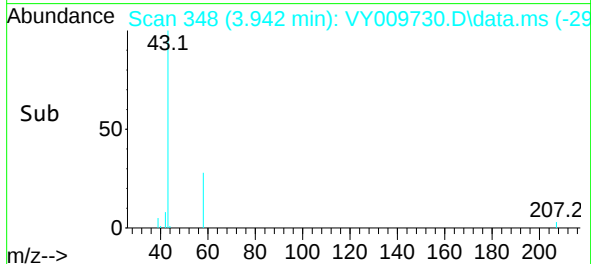
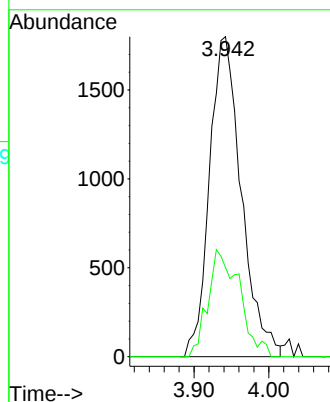
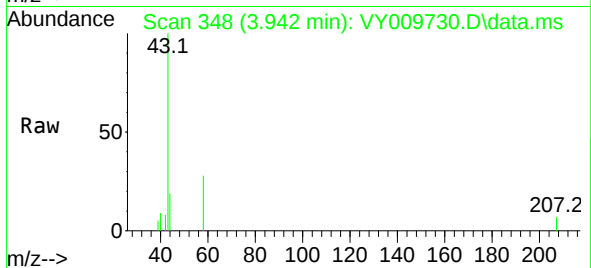
72-11977

Tgt Ion: 43 Resp: 5330

Ion Ratio Lower Upper

43 100

58 27.9 22.0 33.0



#33

1,2-Dichloroethane-d4

Concen: 69.747 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009730.D

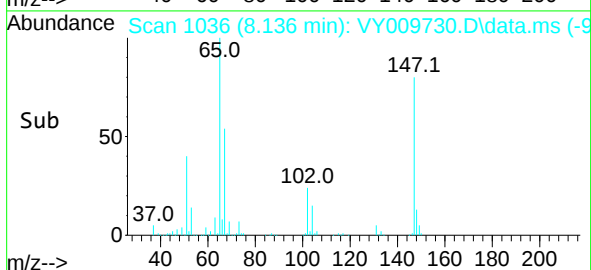
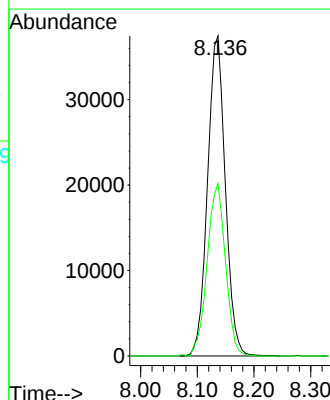
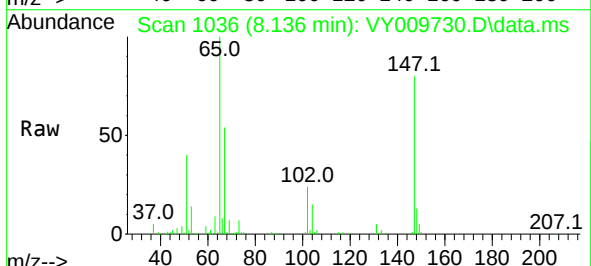
Acq: 27 Jul 2022 17:26

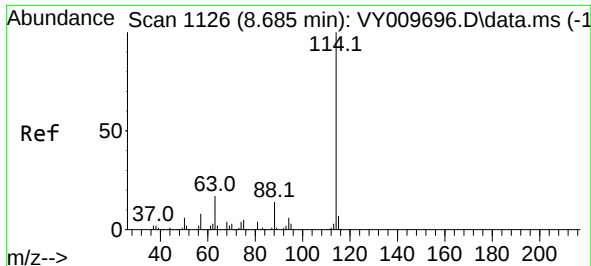
Tgt Ion: 65 Resp: 81555

Ion Ratio Lower Upper

65 100

67 55.4 0.0 99.4

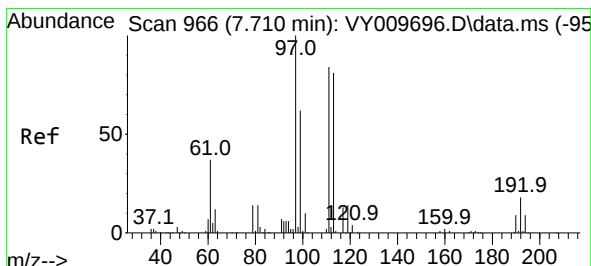
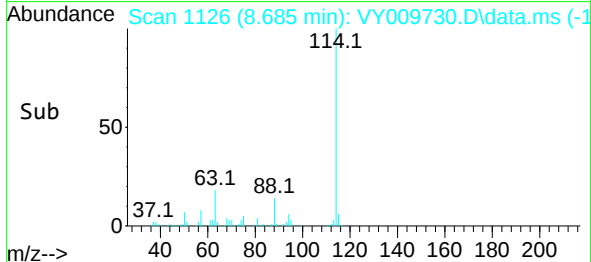
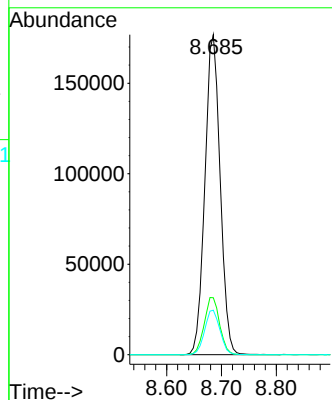
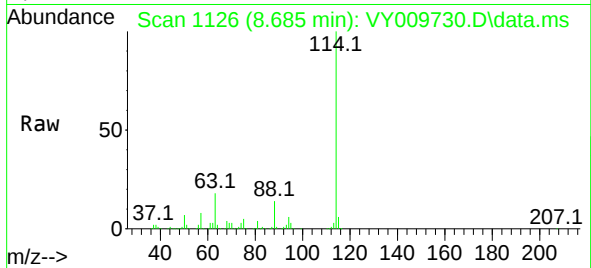




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009730.D
Acq: 27 Jul 2022 17:26

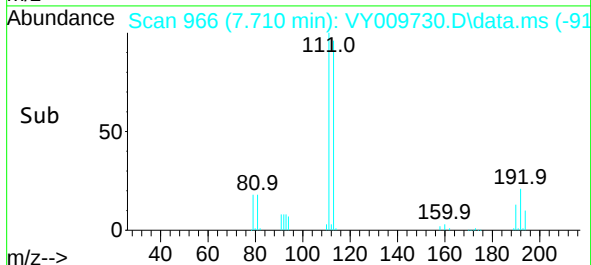
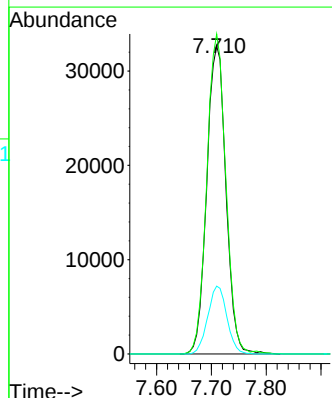
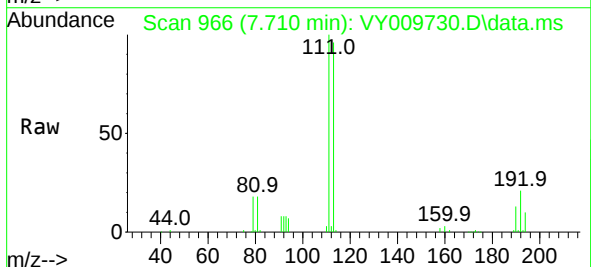
Instrument :
MSVOA_Y
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72-11977

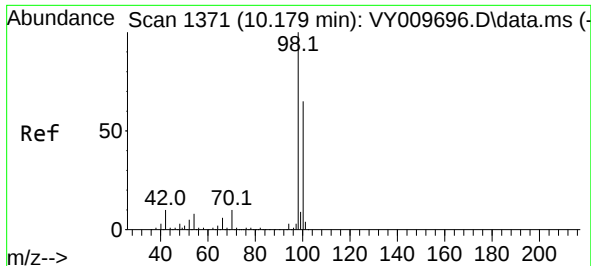
Tgt Ion:114 Resp: 340645
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 13.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.710 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009730.D
Acq: 27 Jul 2022 17:26

Tgt Ion:113 Resp: 79127
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 22.0 17.6 26.4

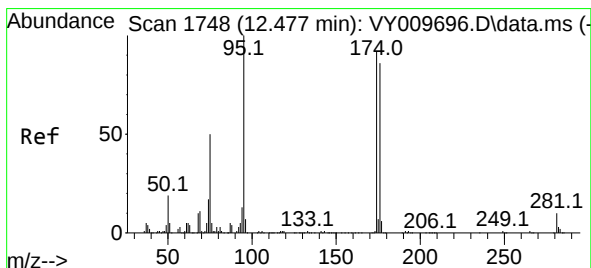
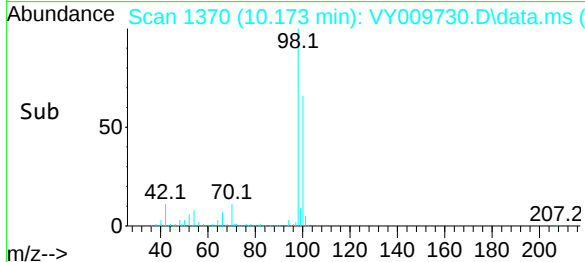
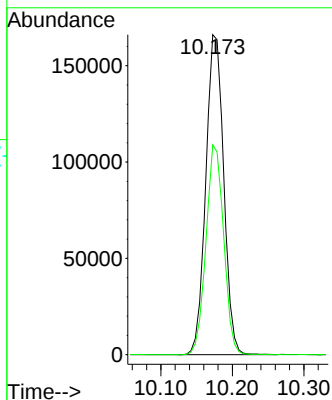
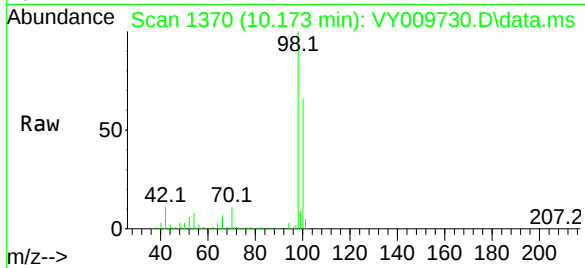




#50
Toluene-d8
Concen: 53.931 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009730.D
Acq: 27 Jul 2022 17:26

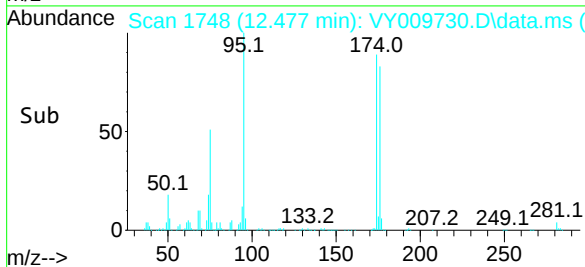
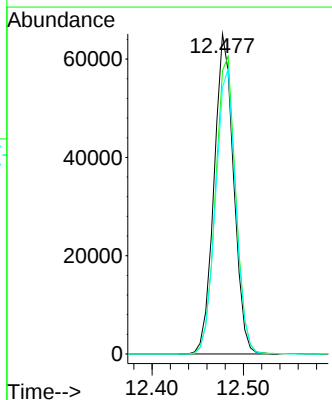
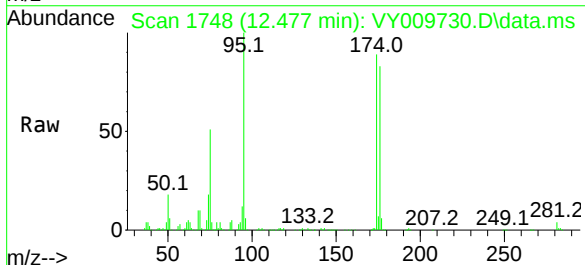
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

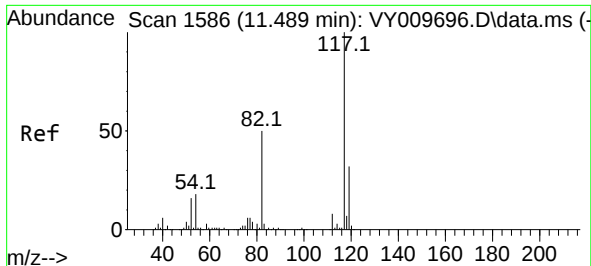
Tgt Ion: 98 Resp: 289192
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.419 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009730.D
Acq: 27 Jul 2022 17:26

Tgt Ion: 95 Resp: 96838
Ion Ratio Lower Upper
95 100
174 96.1 0.0 177.0
176 91.5 0.0 175.8

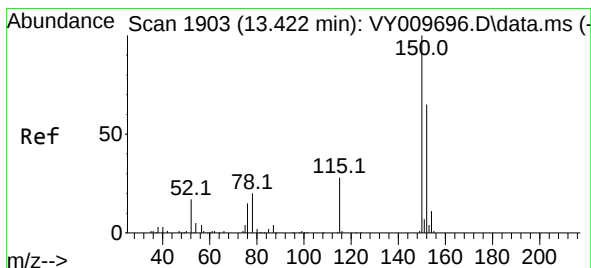
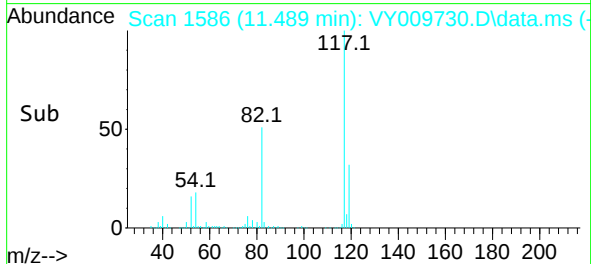
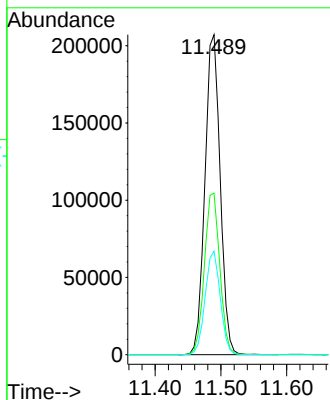
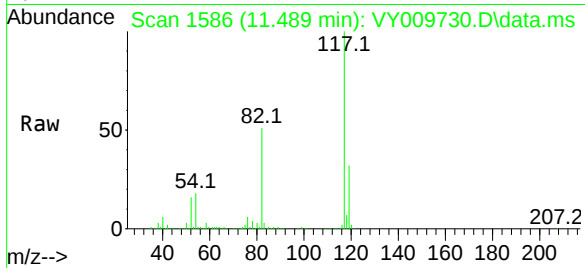




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009730.D
Acq: 27 Jul 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Tgt Ion:117 Resp: 334426
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 32.3 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: VY009730.D
Acq: 27 Jul 2022 17:26

Tgt Ion:152 Resp: 165664
Ion Ratio Lower Upper
152 100
115 53.5 28.2 84.7
150 156.0 0.0 347.6

