

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009728.D
 Acq On : 27 Jul 2022 16:39
 Operator : KP/MD
 Sample : N3896-15
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-72

Quant Time: Jul 28 02:46:16 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)

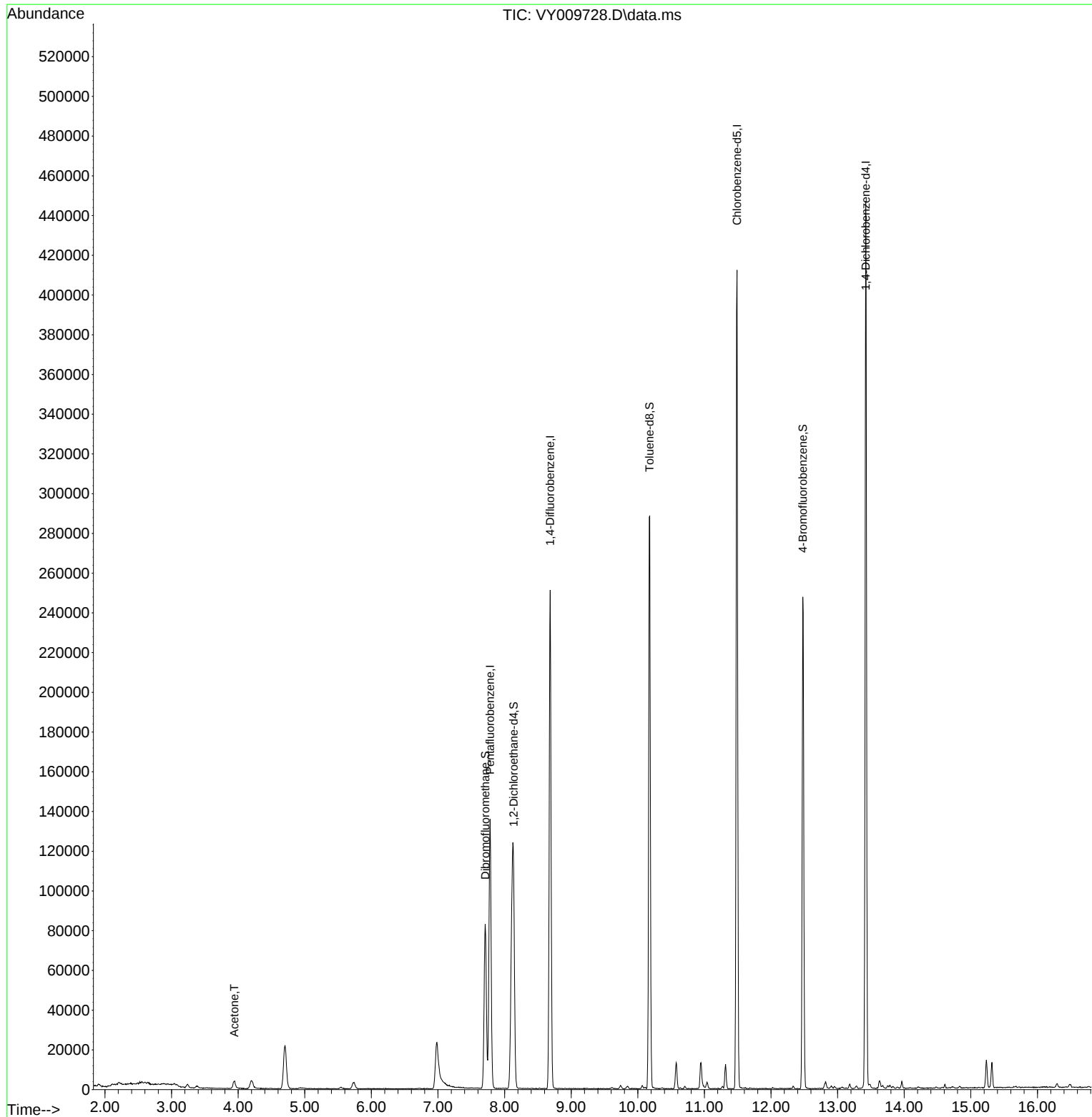
Internal Standards						
1) Pentafluorobenzene	7.783	168	109973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	218520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	234197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65756	94.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.840%#	
35) Dibromofluoromethane	7.709	113	59247	49.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.700%	
50) Toluene-d8	10.179	98	198543	58.044	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 116.080%	
62) 4-Bromofluorobenzene	12.477	95	71764	45.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 91.080%	
Target Compounds						
16) Acetone	3.942	43	6867	26.116	ug/l	Qvalue 97

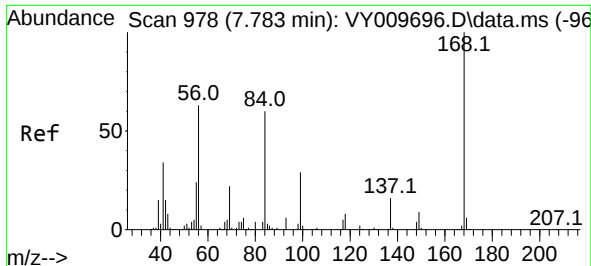
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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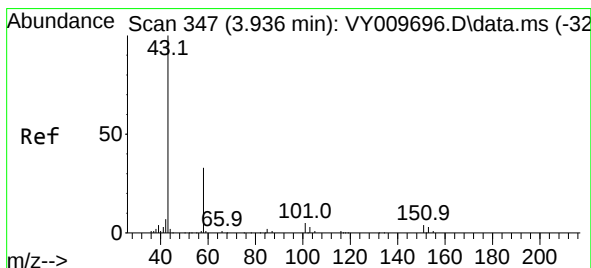
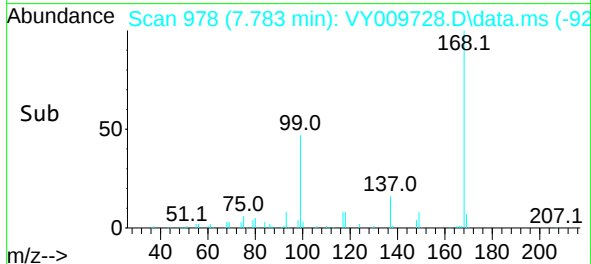
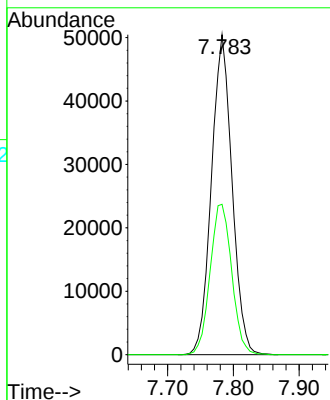
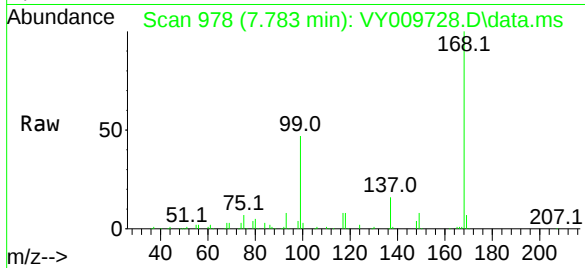




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009728.D
Acq: 27 Jul 2022 16:39

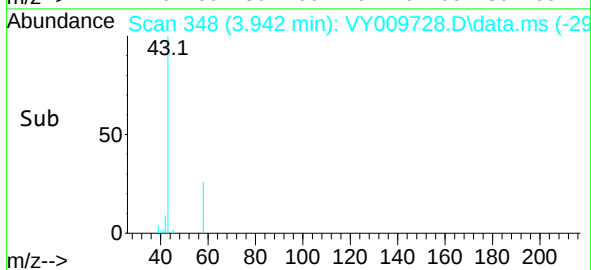
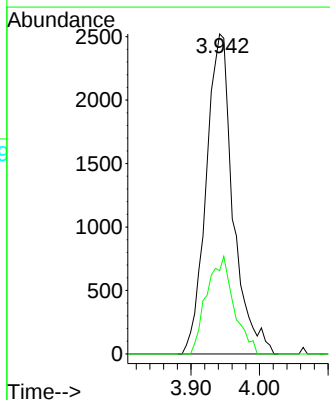
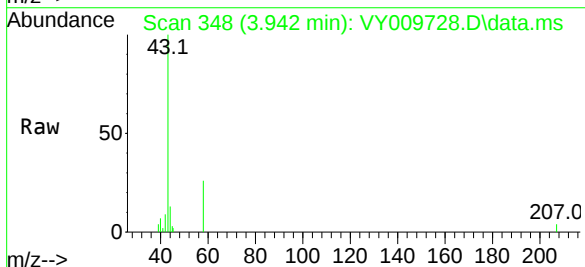
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

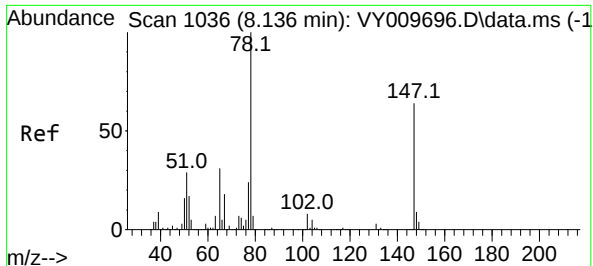
Tgt Ion:168 Resp: 109973
Ion Ratio Lower Upper
168 100
99 47.0 46.9 70.3



#16
Acetone
Concen: 26.116 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009728.D
Acq: 27 Jul 2022 16:39

Tgt Ion: 43 Resp: 6867
Ion Ratio Lower Upper
43 100
58 26.0 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 94.417 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009728.D

Acq: 27 Jul 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

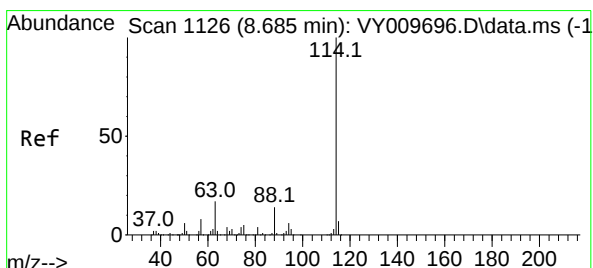
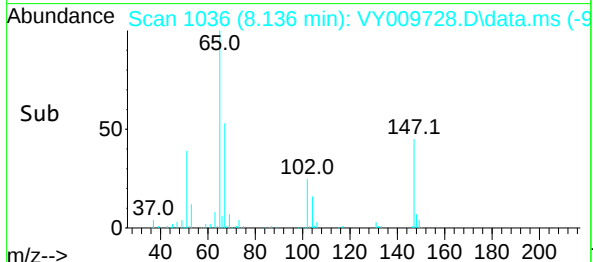
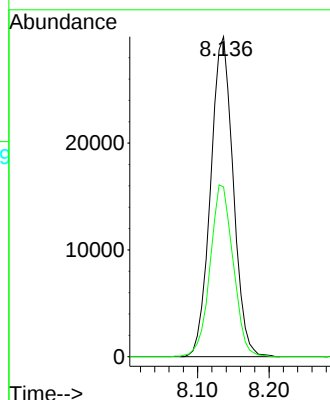
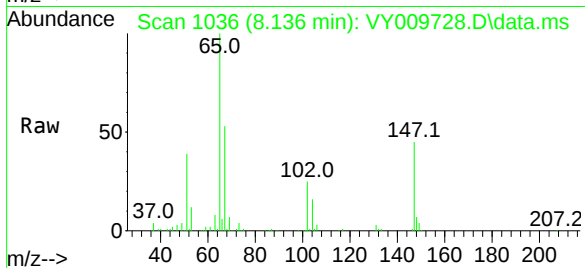
RVE-72

Tgt Ion: 65 Resp: 65756

Ion Ratio Lower Upper

65 100

67 54.9 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: VY009728.D

Acq: 27 Jul 2022 16:39

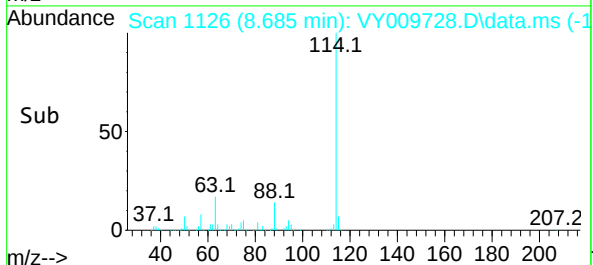
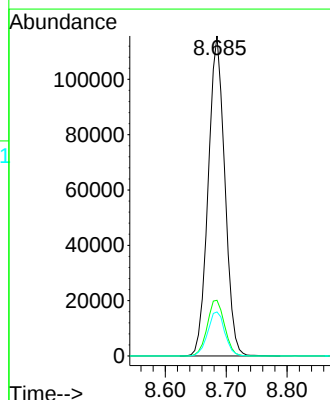
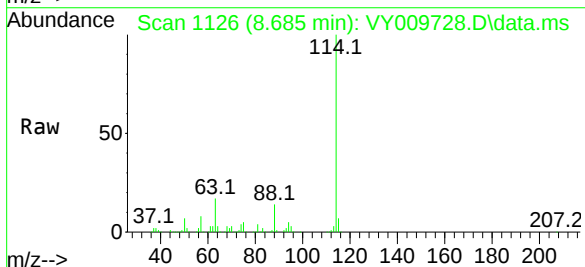
Tgt Ion: 114 Resp: 218520

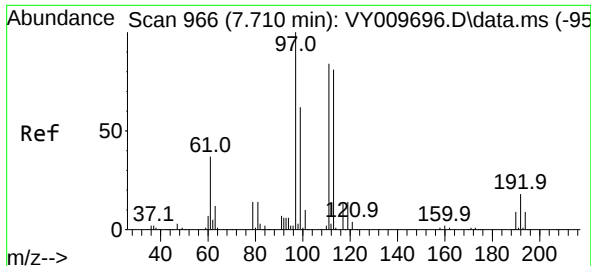
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.8 0.0 31.8

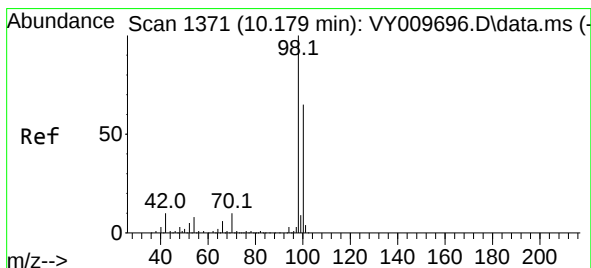
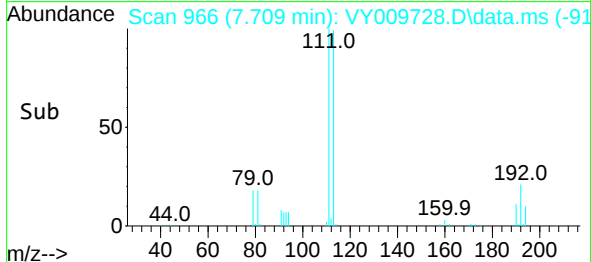
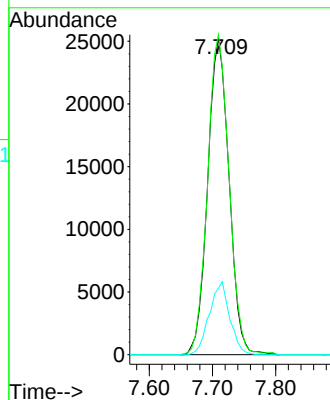
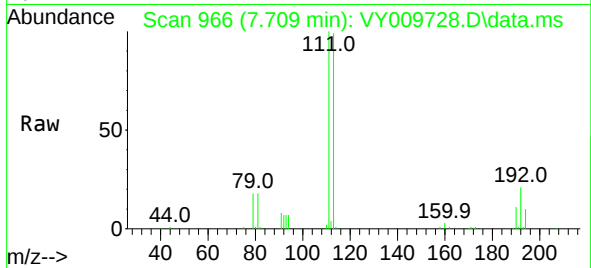




#35
Dibromofluoromethane
Concen: 49.851 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009728.D
Acq: 27 Jul 2022 16:39

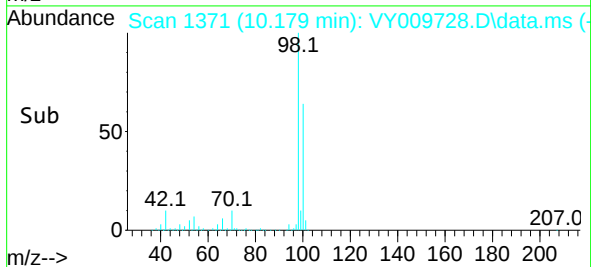
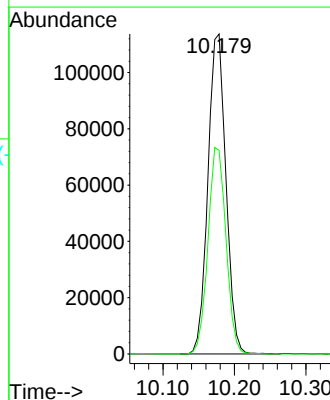
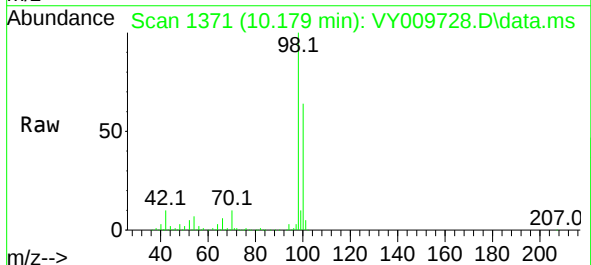
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

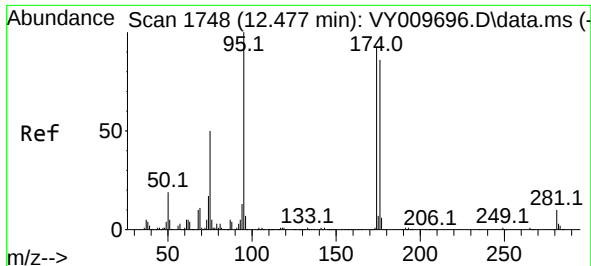
Tgt Ion:113 Resp: 59247
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 21.9 17.6 26.4



#50
Toluene-d8
Concen: 58.044 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009728.D
Acq: 27 Jul 2022 16:39

Tgt Ion: 98 Resp: 198543
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

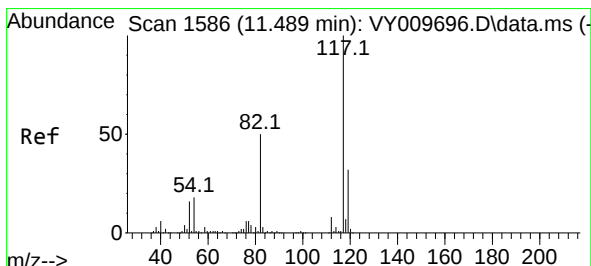
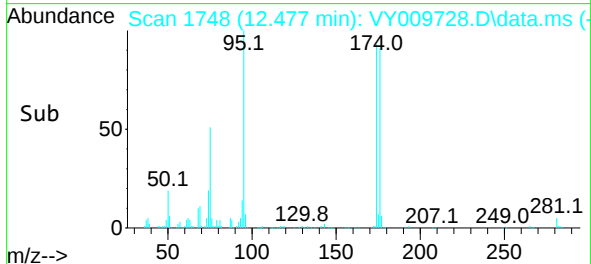
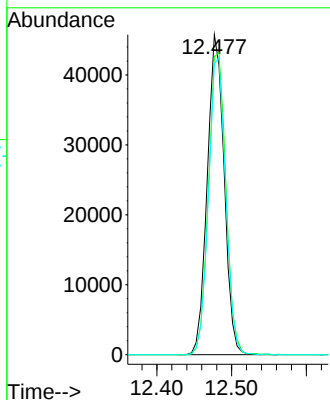
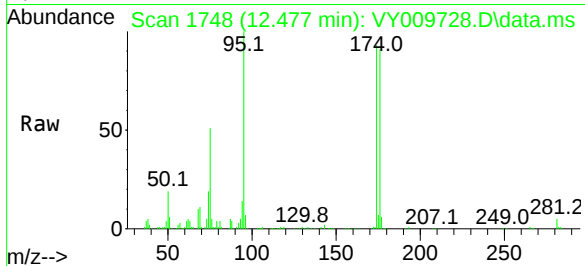




#62
4-Bromofluorobenzene
Concen: 45.539 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009728.D
Acq: 27 Jul 2022 16:39

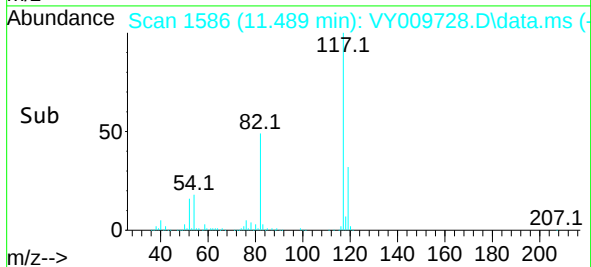
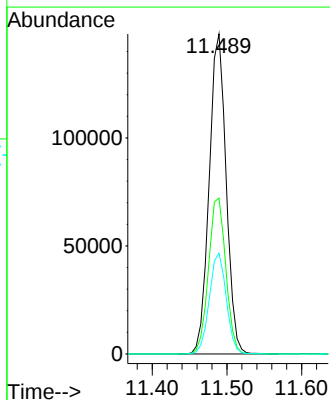
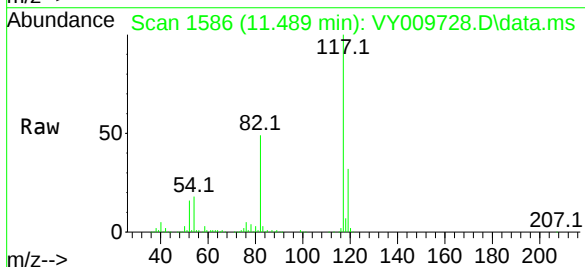
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

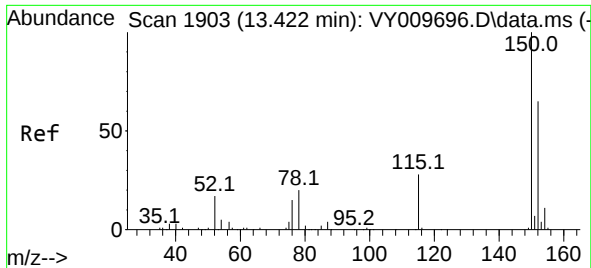
Tgt Ion:	95	Resp:	71764
Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	177.0
176	94.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009728.D
Acq: 27 Jul 2022 16:39

Tgt Ion:	117	Resp:	234197
Ion	Ratio	Lower	Upper
117	100		
82	48.7	43.0	64.4
119	31.5	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: VY009728.D

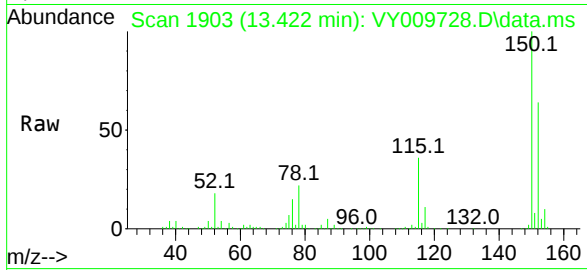
Acq: 27 Jul 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

RVE-72



Tgt Ion:152 Resp: 117282

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 157.2 0.0 347.6

