

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030150.D
 Acq On : 20 Jul 2022 22:41
 Operator : JC/MD
 Sample : N3781-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0037

Quant Time: Jul 21 03:34:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

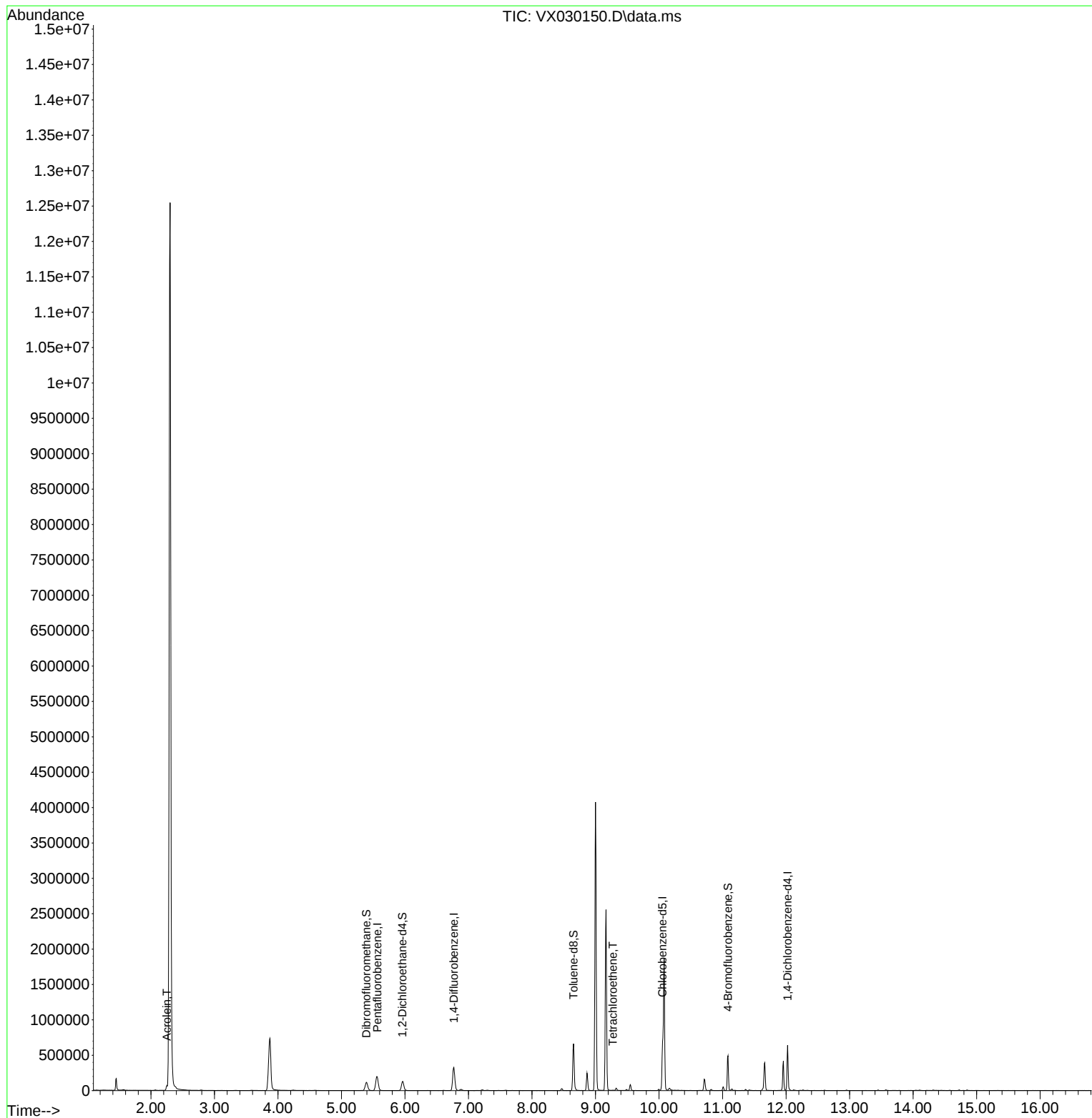
Internal Standards						
1) Pentafluorobenzene	5.562	168	191254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	341845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120556	51.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.580%
35) Dibromofluoromethane	5.391	113	103226	47.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	8.653	98	393466	47.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.085	95	133347	46.784	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.560%
Target Compounds						
						Qvalue
13) Acrolein	2.252	56	63057	526.971	ug/l	87
64) Tetrachloroethene	9.275	164	604	0.255	ug/l #	70

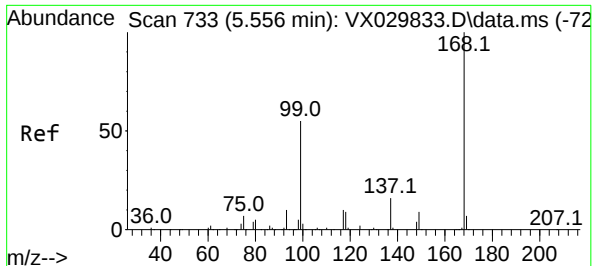
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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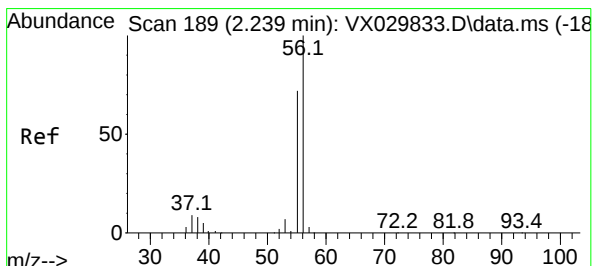
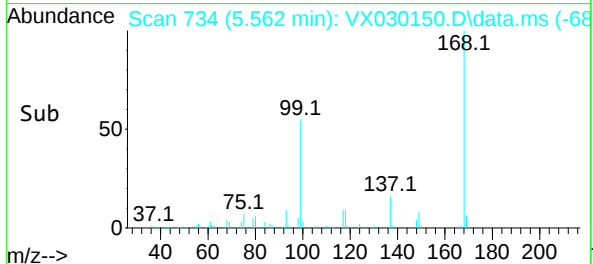
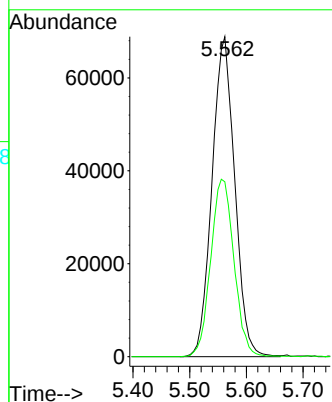
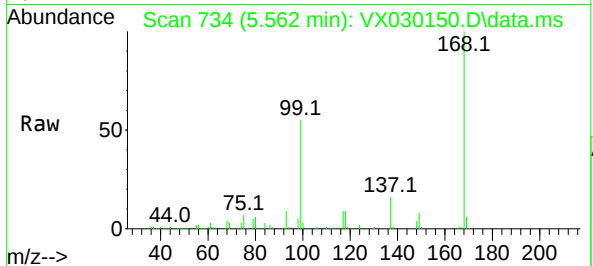




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030150.D
Acq: 20 Jul 2022 22:41

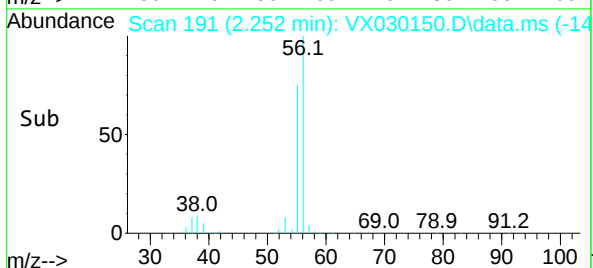
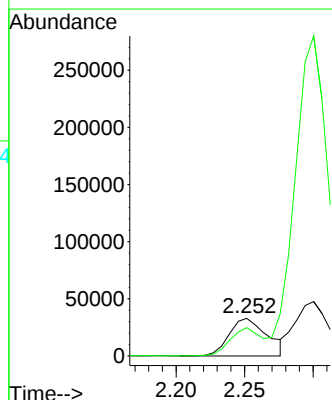
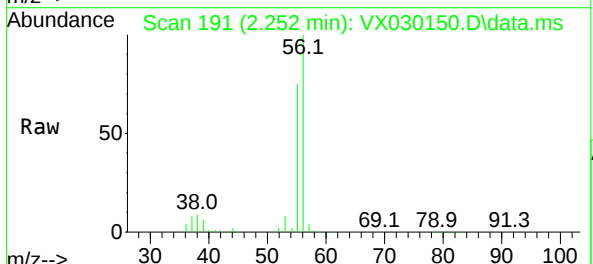
Instrument :
MSVOA_X
ClientSampleId :
ORA-0037

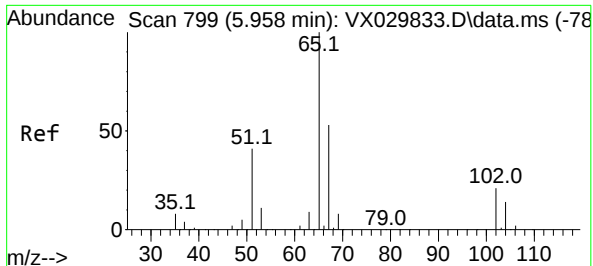
Tgt Ion:168 Resp: 191254
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#13
Acrolein
Concen: 526.971 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX030150.D
Acq: 20 Jul 2022 22:41

Tgt Ion: 56 Resp: 63057
Ion Ratio Lower Upper
56 100
55 59.8 56.6 84.8





#33

1,2-Dichloroethane-d4

Concen: 51.787 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030150.D

Acq: 20 Jul 2022 22:41

Instrument :

MSVOA_X

ClientSampleId :

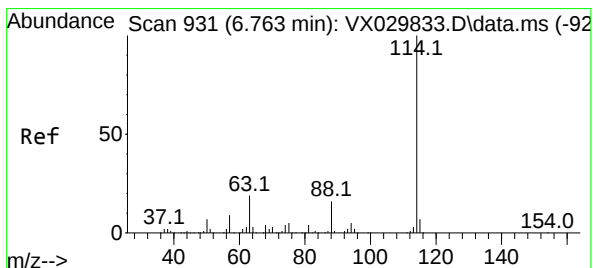
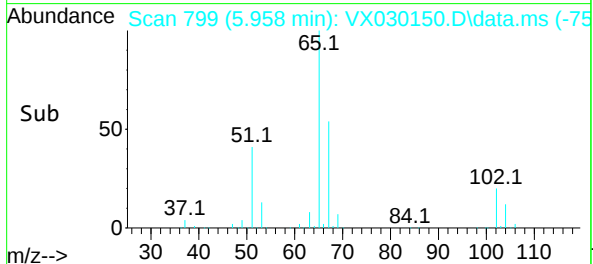
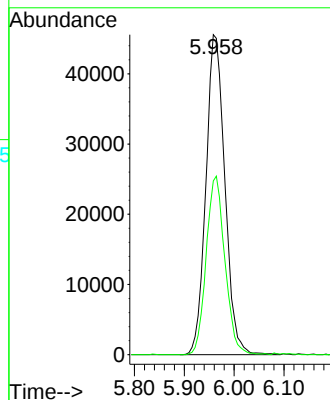
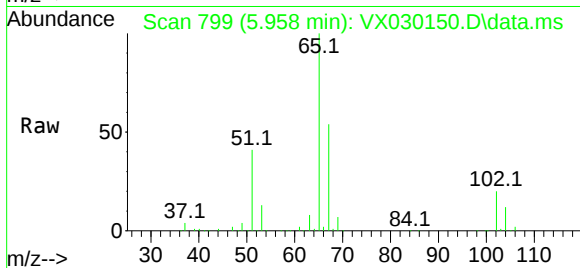
ORA-0037

Tgt Ion: 65 Resp: 120556

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030150.D

Acq: 20 Jul 2022 22:41

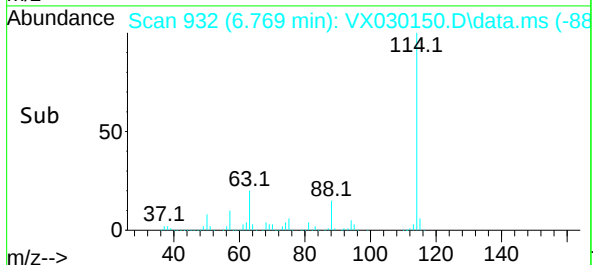
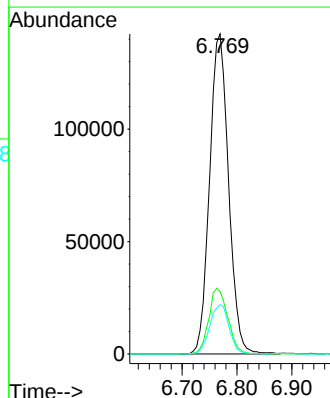
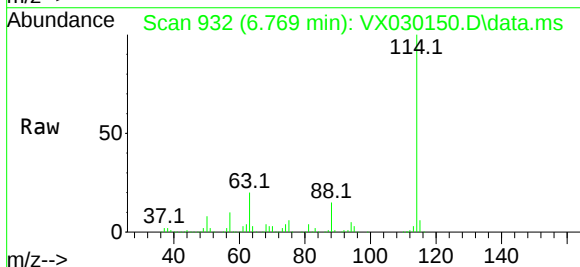
Tgt Ion: 114 Resp: 341845

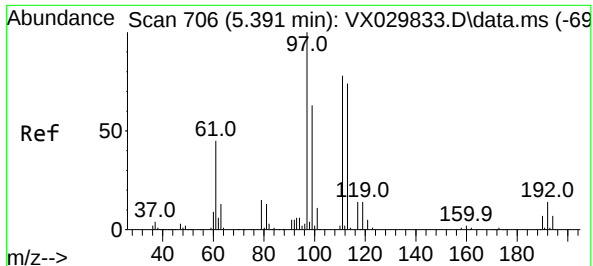
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.268 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030150.D

Acq: 20 Jul 2022 22:41

Instrument :

MSVOA_X

ClientSampleId :

ORA-0037

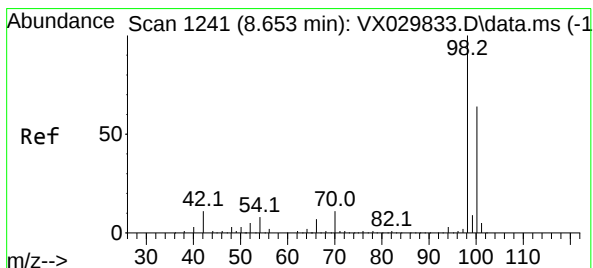
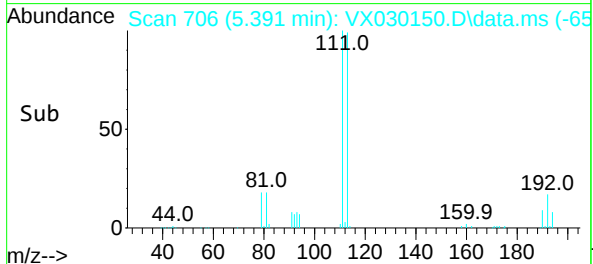
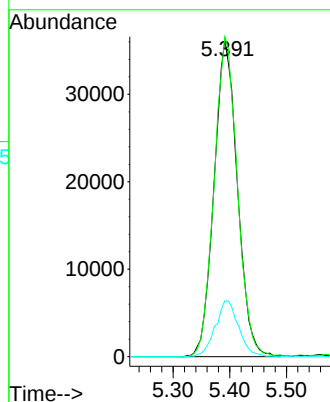
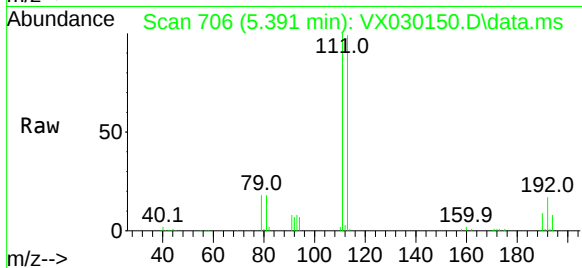
Tgt Ion:113 Resp: 103226

Ion Ratio Lower Upper

113 100

111 100.9 83.2 124.8

192 17.8 14.8 22.2



#50

Toluene-d8

Concen: 47.906 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030150.D

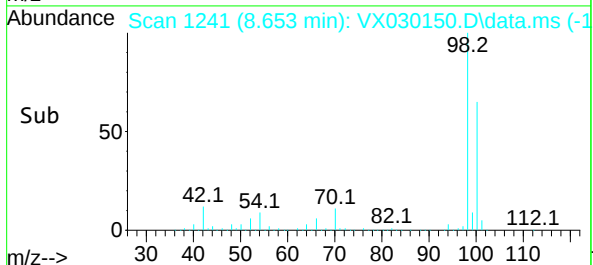
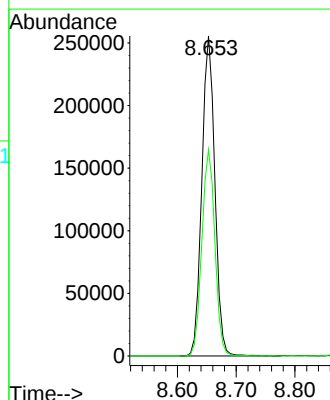
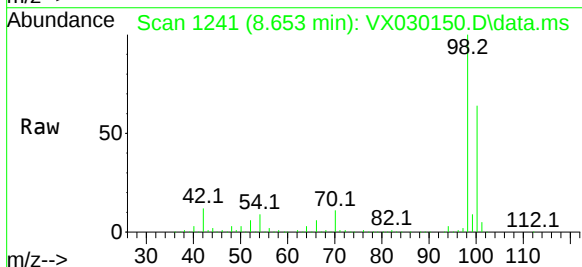
Acq: 20 Jul 2022 22:41

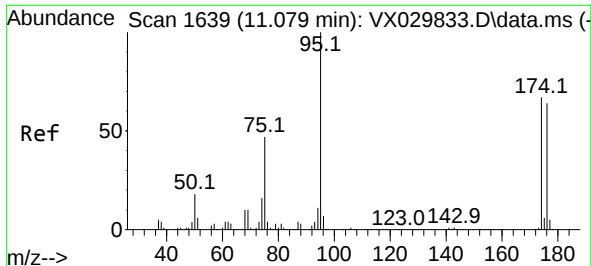
Tgt Ion: 98 Resp: 393466

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5

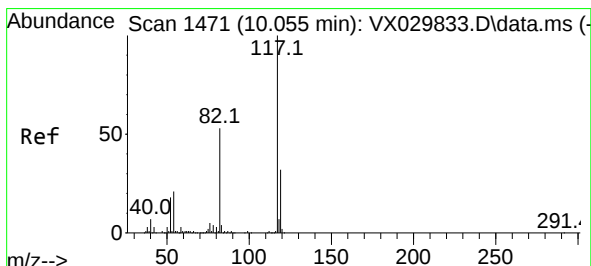
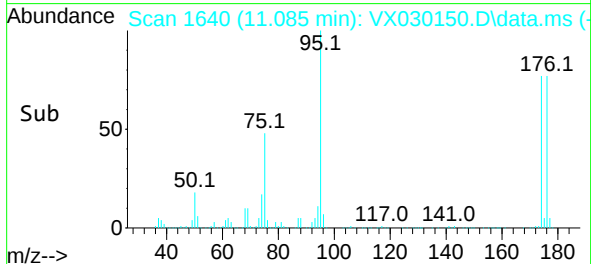
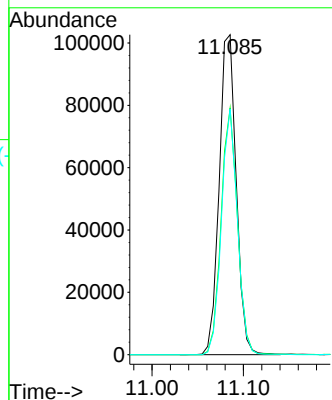
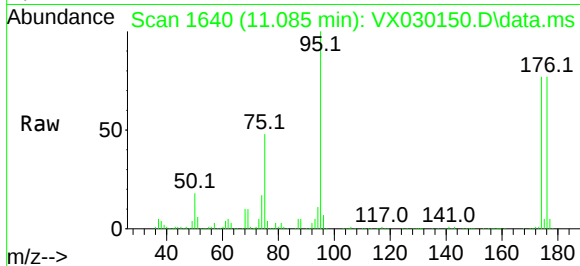




#62
4-Bromofluorobenzene
Concen: 46.784 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030150.D
Acq: 20 Jul 2022 22:41

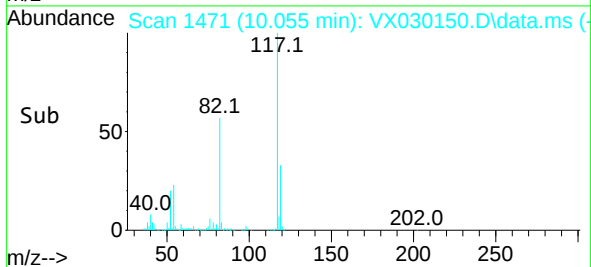
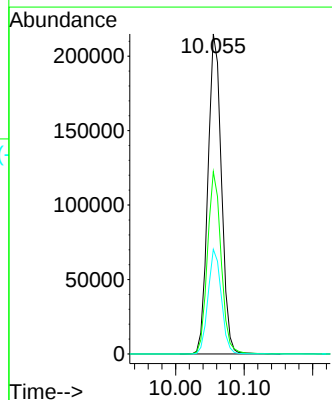
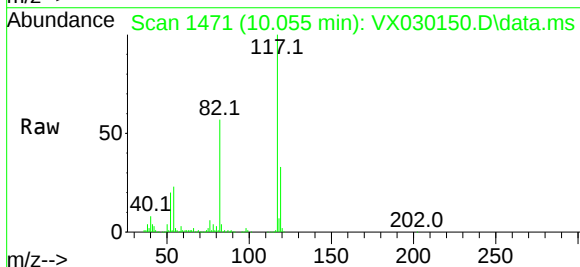
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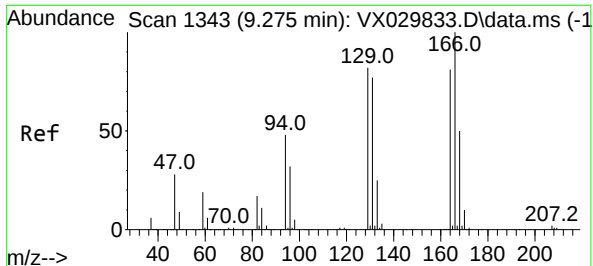
Tgt Ion: 95 Resp: 133347
Ion Ratio Lower Upper
95 100
174 73.9 0.0 149.0
176 72.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030150.D
Acq: 20 Jul 2022 22:41

Tgt Ion: 117 Resp: 294721
Ion Ratio Lower Upper
117 100
82 56.9 42.7 64.1
119 32.7 25.4 38.2

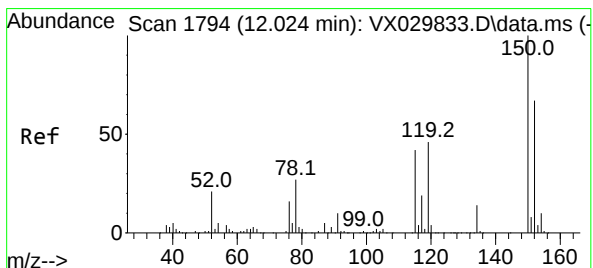
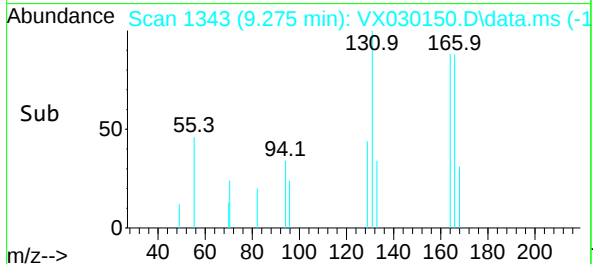
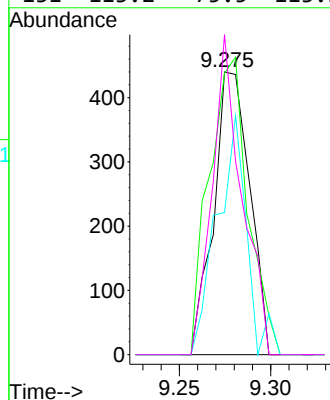
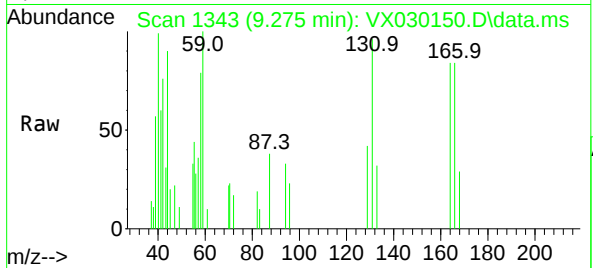




#64
Tetrachloroethene
Concen: 0.255 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030150.D
Acq: 20 Jul 2022 22:41

Instrument :
MSVOA_X
ClientSampleId :
ORA-0037

Tgt Ion:164	Resp:	604	
Ion	Ratio	Lower	Upper
164	100		
166	99.5	98.2	147.4
129	50.2	80.8	121.2#
131	113.2	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030150.D
Acq: 20 Jul 2022 22:41

Tgt Ion:152	Resp:	125528	
Ion	Ratio	Lower	Upper
152	100		
115	61.6	40.5	121.5
150	158.5	0.0	347.0

