

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031137.D
 Acq On : 06 Sep 2022 18:46
 Operator : JC/MD
 Sample : N4489-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0068DL

Quant Time: Sep 06 19:11:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

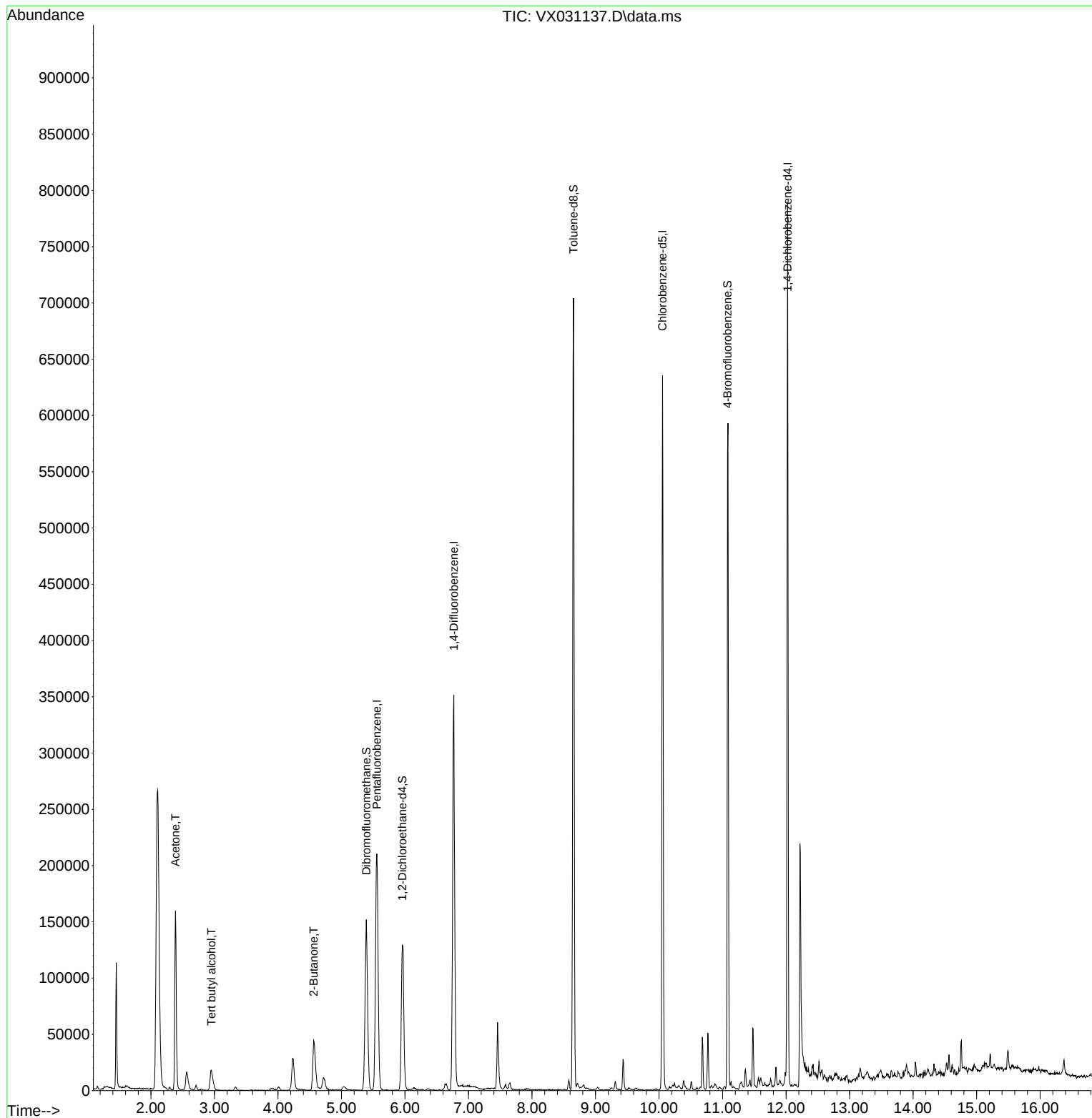
Internal Standards						
1) Pentafluorobenzene	5.556	168	217416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	373778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135751	48.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.060%
35) Dibromofluoromethane	5.391	113	128362	47.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.653	98	452364	45.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.120%
62) 4-Bromofluorobenzene	11.079	95	165608	46.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	17878	11.078	ug/l #	74
16) Acetone	2.386	43	163488	151.383	ug/l	98
25) 2-Butanone	4.562	43	63743	38.232	ug/l #	85

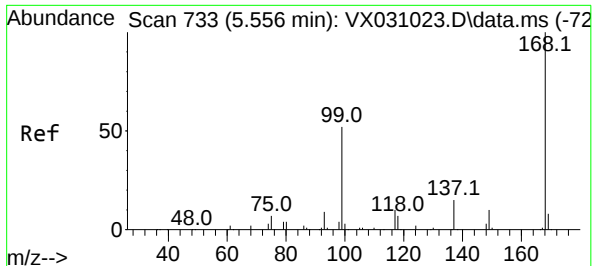
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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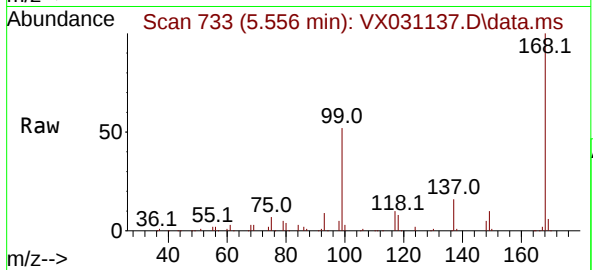
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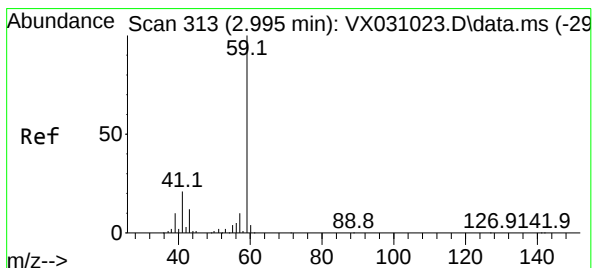
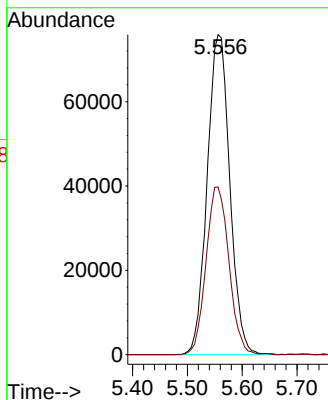
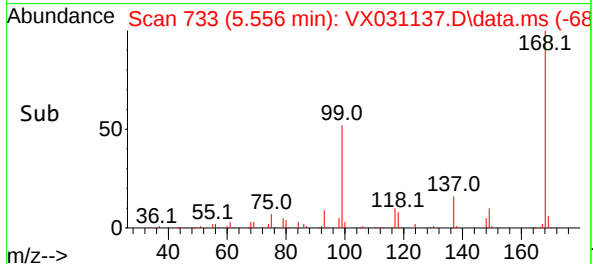


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

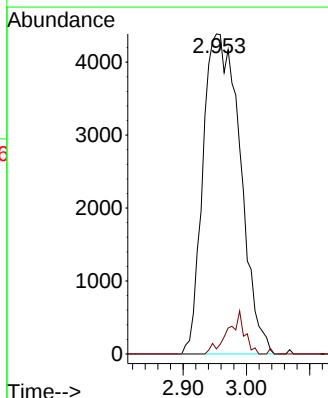
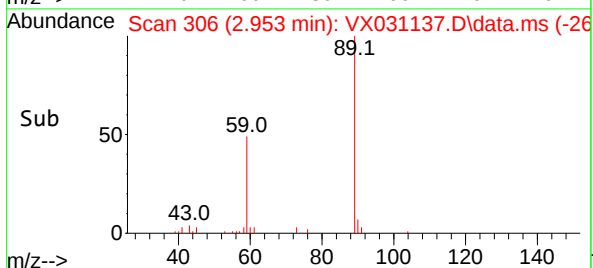
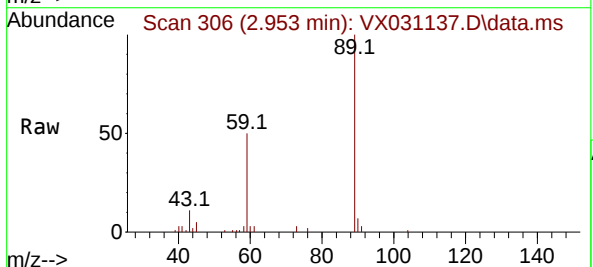


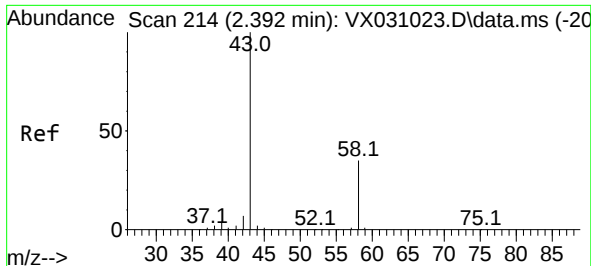
Tgt Ion:168 Resp: 217416
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#11
Tert butyl alcohol
Concen: 11.078 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 59 Resp: 17878
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

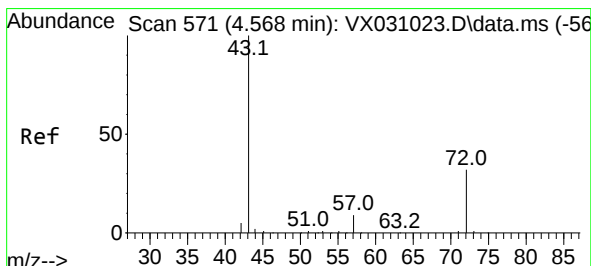
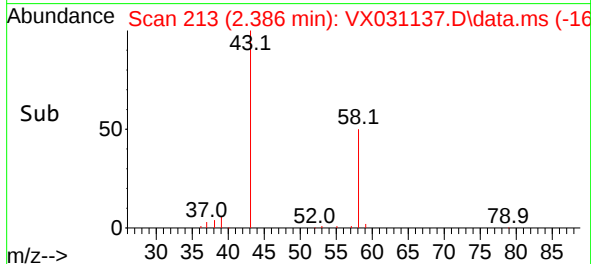
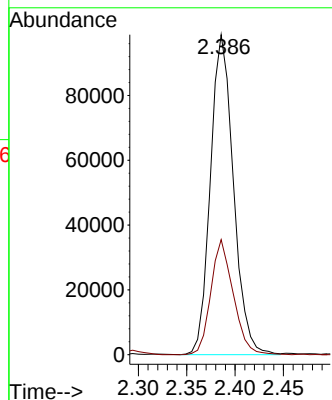
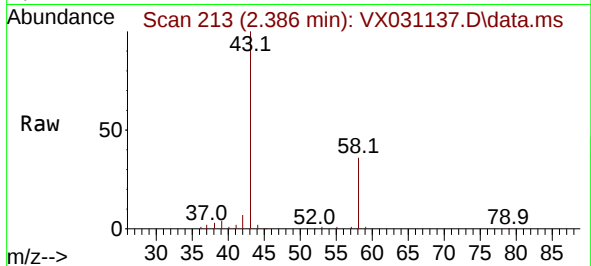




#16
Acetone
Concen: 151.383 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

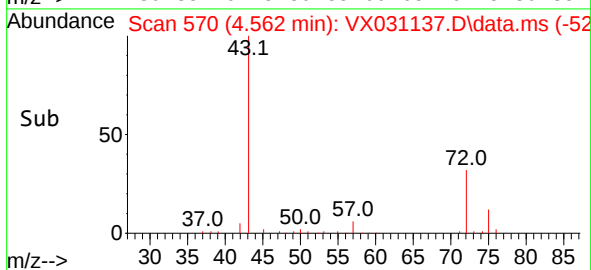
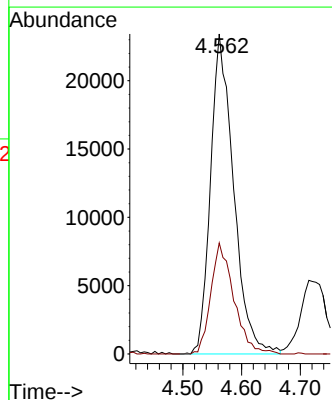
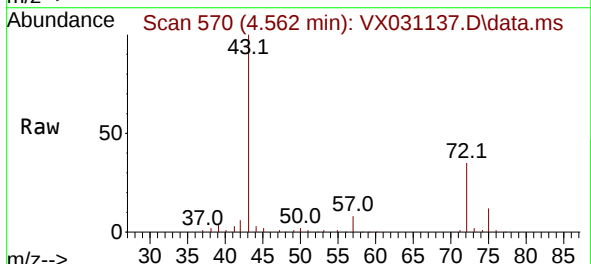
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

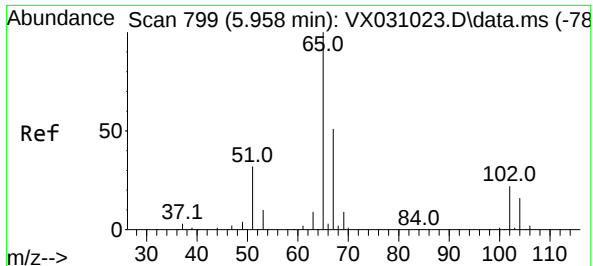
Tgt Ion: 43 Resp: 163488
Ion Ratio Lower Upper
43 100
58 35.9 27.7 41.5



#25
2-Butanone
Concen: 38.232 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 43 Resp: 63743
Ion Ratio Lower Upper
43 100
72 34.7 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 48.526 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031137.D

Acq: 06 Sep 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

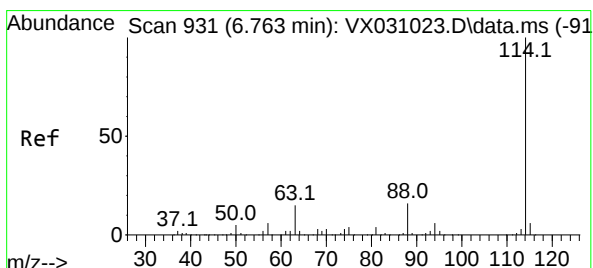
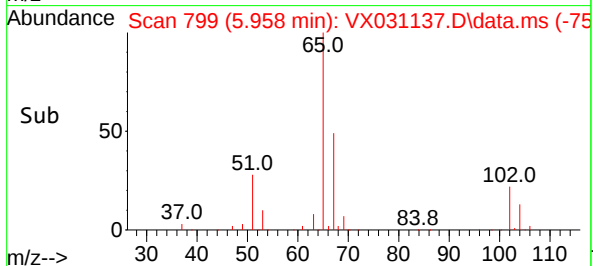
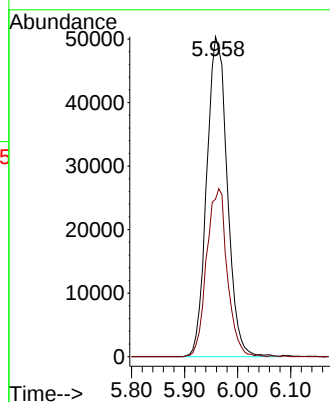
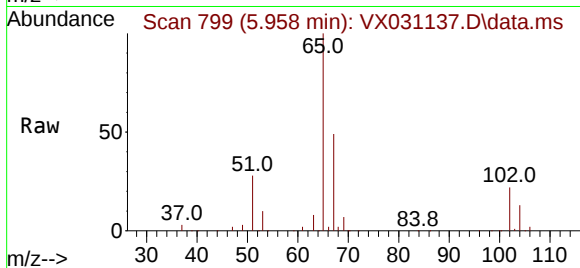
ORA-0068DL

Tgt Ion: 65 Resp: 135751

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031137.D

Acq: 06 Sep 2022 18:46

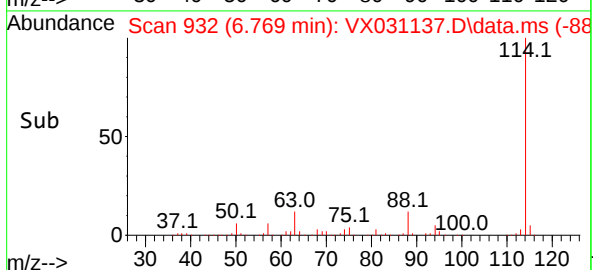
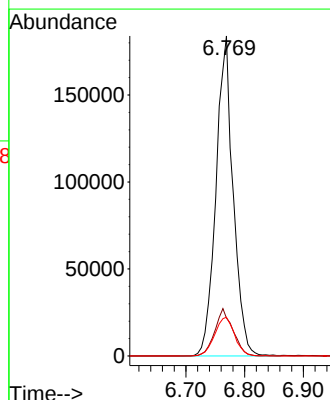
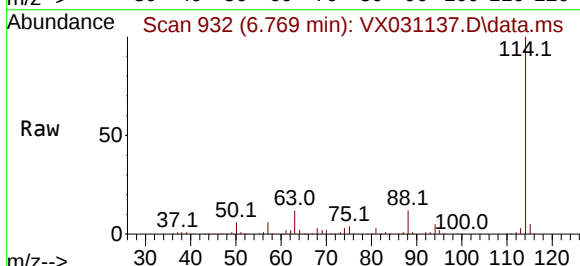
Tgt Ion: 114 Resp: 373778

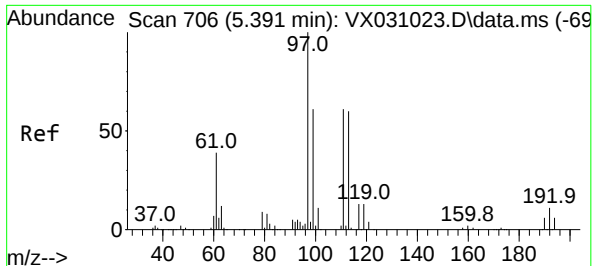
Ion Ratio Lower Upper

114 100

63 11.8 0.0 38.4

88 12.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.059 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031137.D

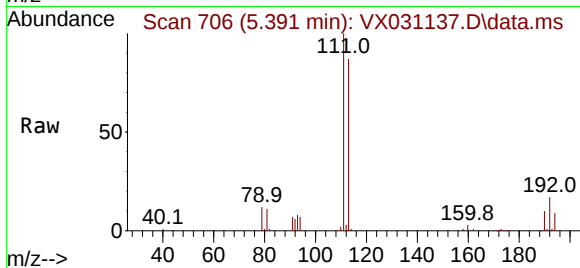
Acq: 06 Sep 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

ORA-0068DL



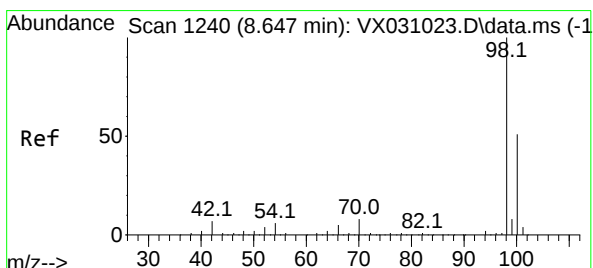
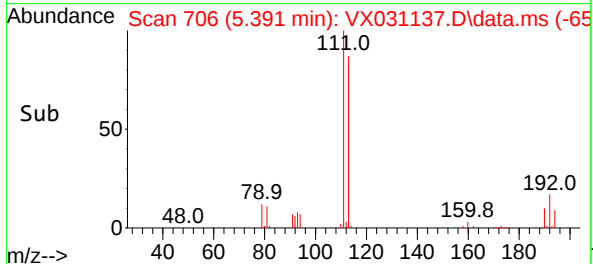
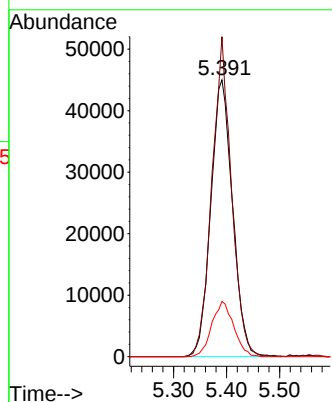
Tgt Ion:113 Resp: 128362

Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

192 20.1 14.8 22.2



#50

Toluene-d8

Concen: 45.061 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031137.D

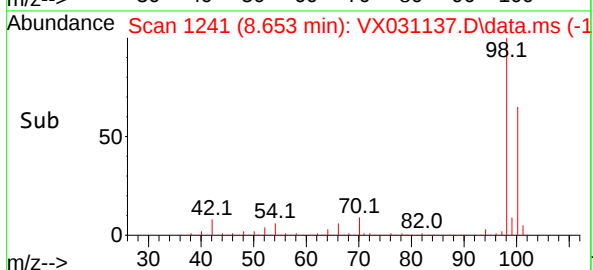
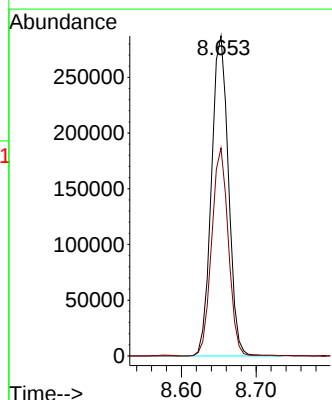
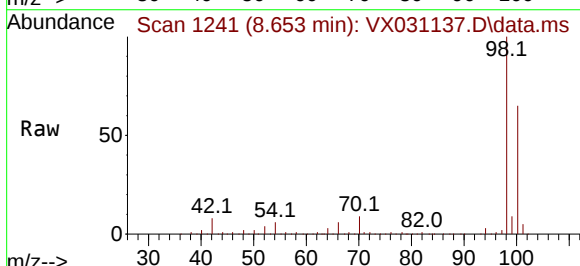
Acq: 06 Sep 2022 18:46

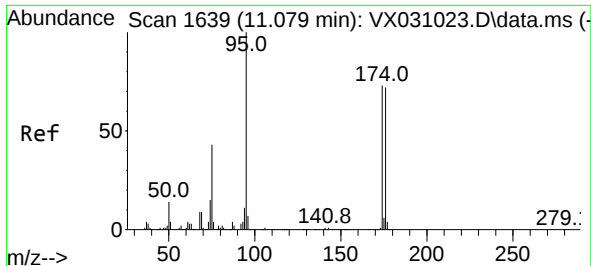
Tgt Ion: 98 Resp: 452364

Ion Ratio Lower Upper

98 100

100 63.7 52.3 78.5

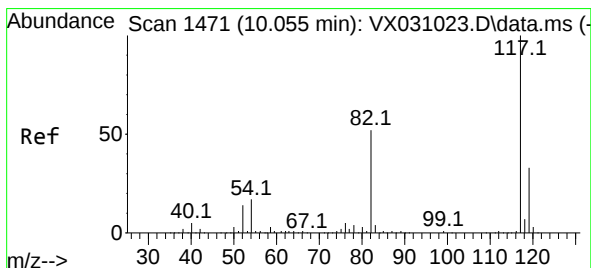
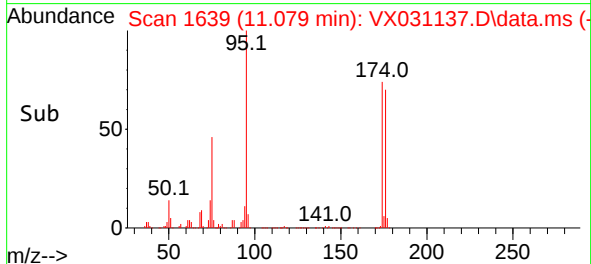
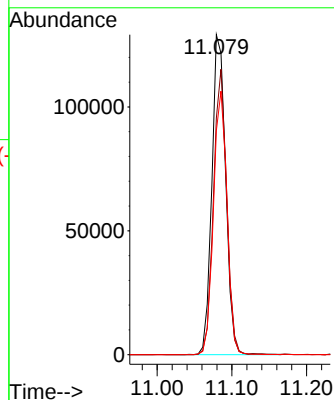
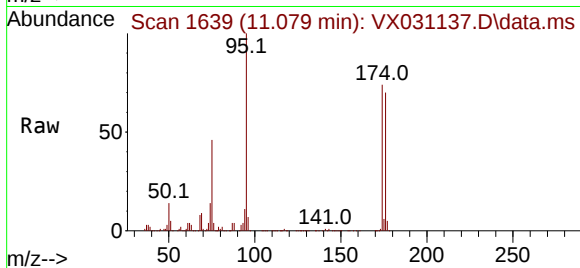




#62
4-Bromofluorobenzene
Concen: 46.706 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

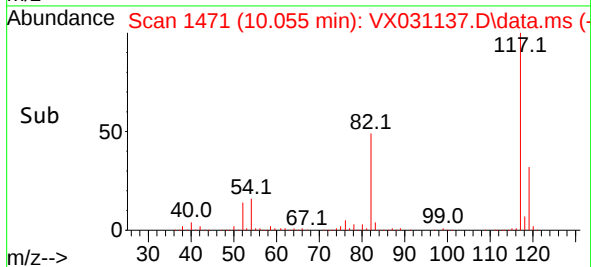
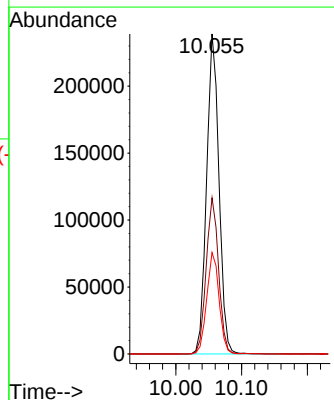
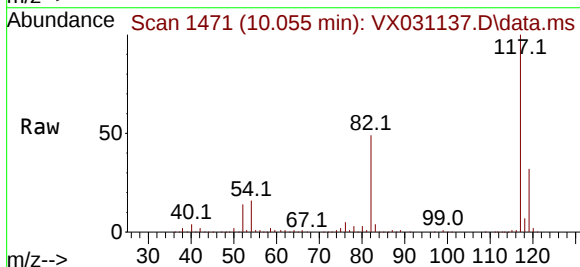
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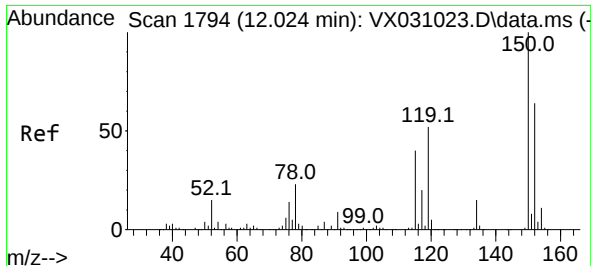
Tgt Ion: 95 Resp: 165608
Ion Ratio Lower Upper
95 100
174 85.9 0.0 149.0
176 80.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 117 Resp: 312341
Ion Ratio Lower Upper
117 100
82 48.8 42.7 64.1
119 31.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031137.D

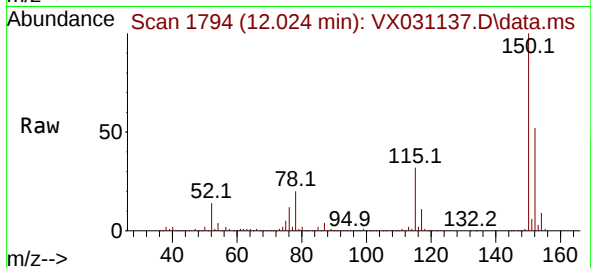
Acq: 06 Sep 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

ORA-0068DL



Tgt Ion:152 Resp: 162313

Ion Ratio Lower Upper

152 100

115 58.7 40.5 121.5

150 164.8 0.0 347.0

