

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029337.D
 Acq On : 08 Jun 2022 21:27
 Operator : JC/MD
 Sample : N3181-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-31702

Quant Time: Jun 09 07:02:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

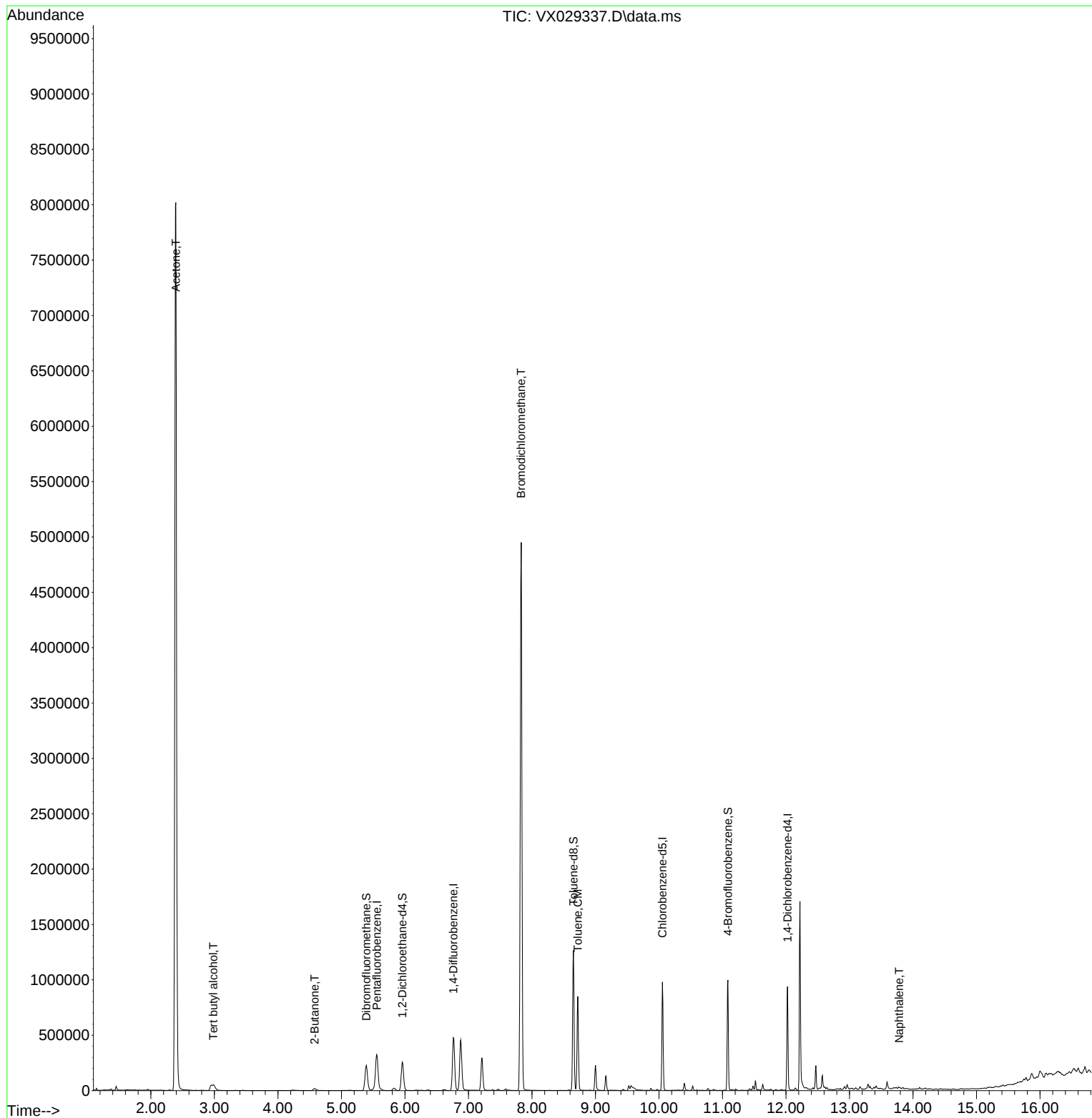
Internal Standards						
1) Pentafluorobenzene	5.556	168	302518	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	500960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	246686	53.699	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.400%	
35) Dibromofluoromethane	5.391	113	200166	47.000	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.000%	
50) Toluene-d8	8.653	98	753296	50.012	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	11.086	95	283288	48.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.120%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.983	59	107089	55.180	ug/l	# 94
16) Acetone	2.392	43	9102533	3719.466	ug/l	92
25) 2-Butanone	4.574	43	19856	5.129	ug/l	89
47) Bromodichloromethane	7.830	83	23881	3.392	ug/l	# 69
52) Toluene	8.720	92	325999	24.247	ug/l	96
95) Naphthalene	13.780	128	8662	0.625	ug/l	98

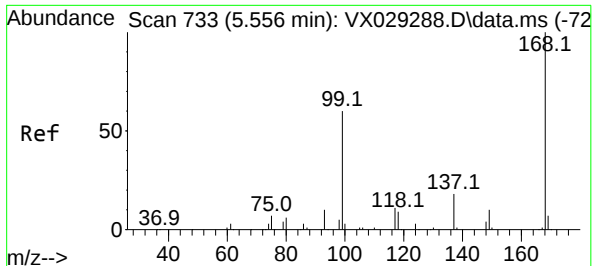
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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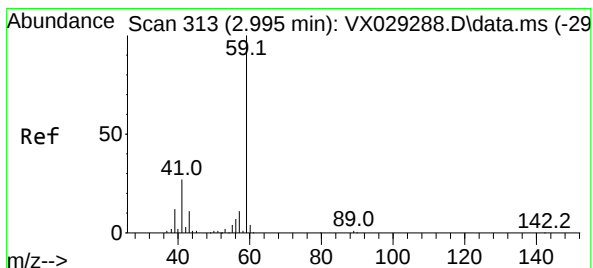
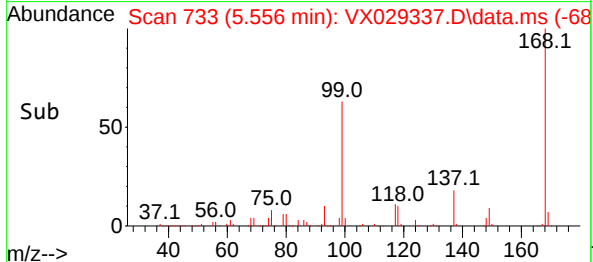
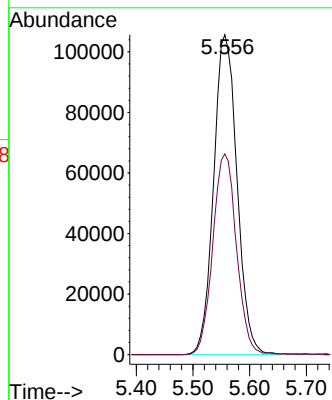
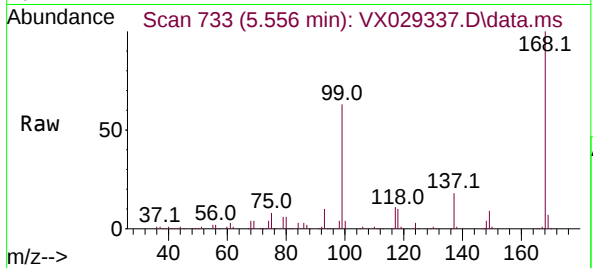




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

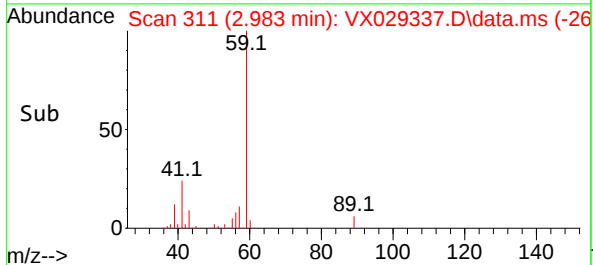
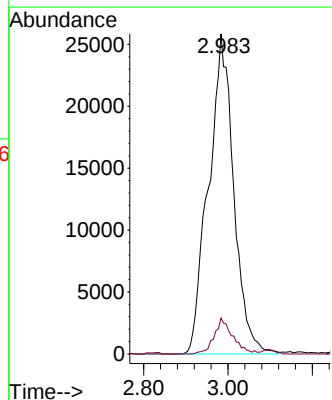
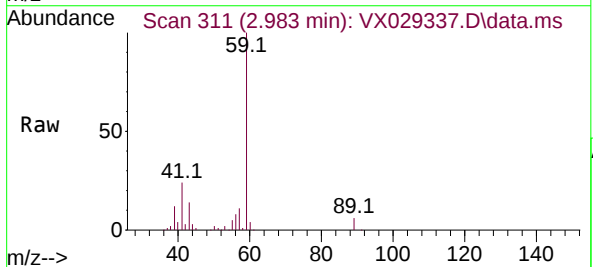
Instrument :
MSVOA_X
ClientSampleId :
TRE-31702

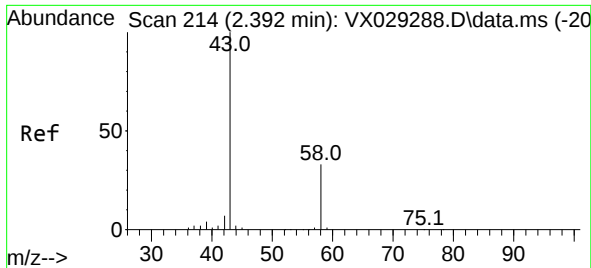
Tgt Ion:168 Resp: 302518
Ion Ratio Lower Upper
168 100
99 62.7 41.7 62.5#



#11
Tert butyl alcohol
Concen: 55.180 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

Tgt Ion: 59 Resp: 107089
Ion Ratio Lower Upper
59 100
57 8.1 8.3 12.5#

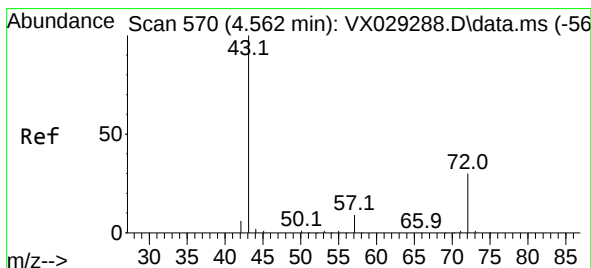
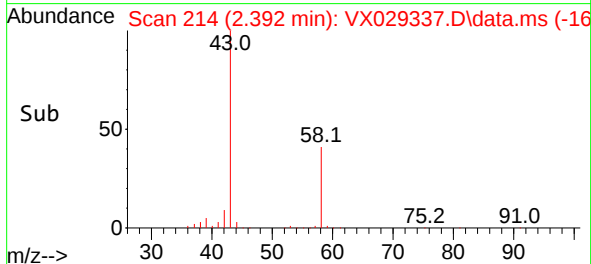
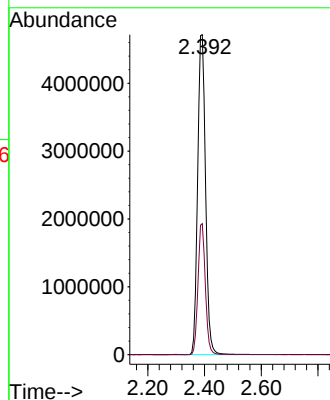
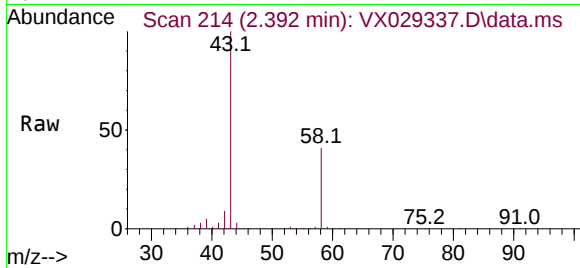




#16
Acetone
Concen: 3719.466 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

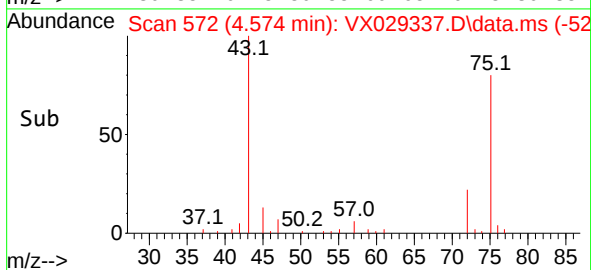
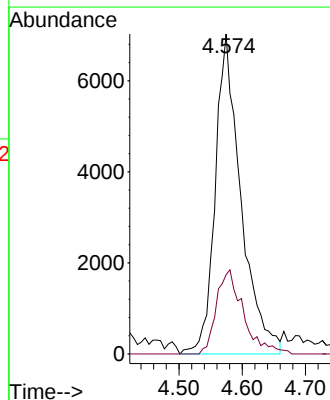
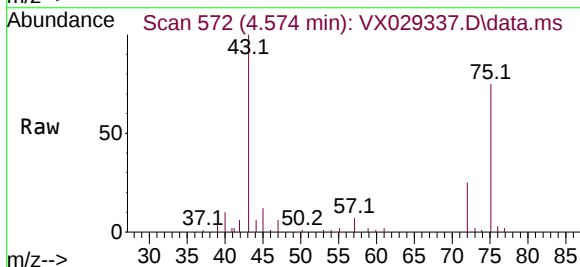
Instrument :
MSVOA_X
ClientSampleId :
TRE-31702

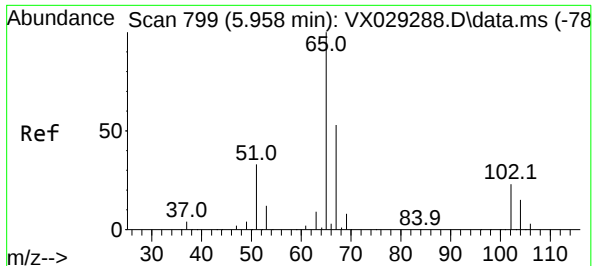
Tgt Ion: 43 Resp: 9102533
Ion Ratio Lower Upper
43 100
58 40.9 28.8 43.2



#25
2-Butanone
Concen: 5.129 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

Tgt Ion: 43 Resp: 19856
Ion Ratio Lower Upper
43 100
72 24.7 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 53.699 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029337.D

Acq: 08 Jun 2022 21:27

Instrument :

MSVOA_X

ClientSampleId :

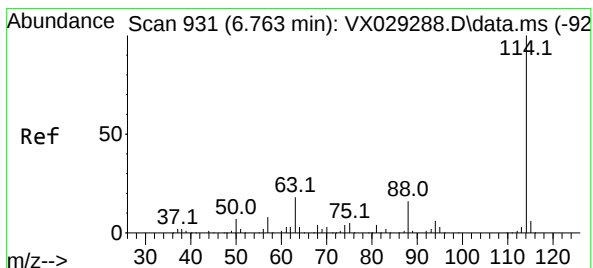
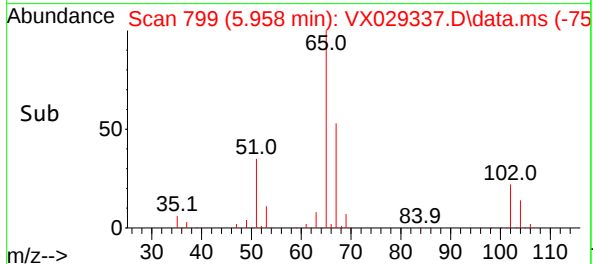
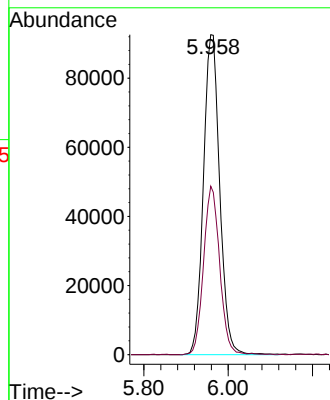
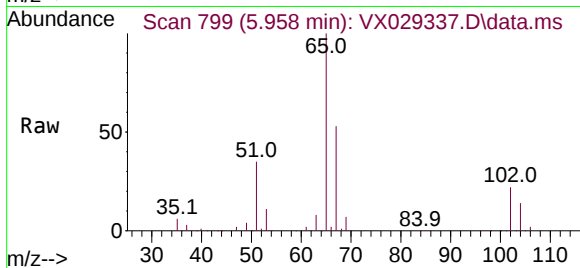
TRE-31702

Tgt Ion: 65 Resp: 246686

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029337.D

Acq: 08 Jun 2022 21:27

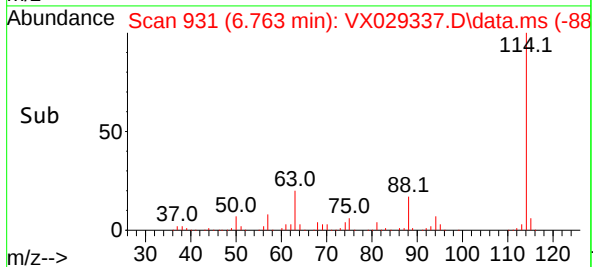
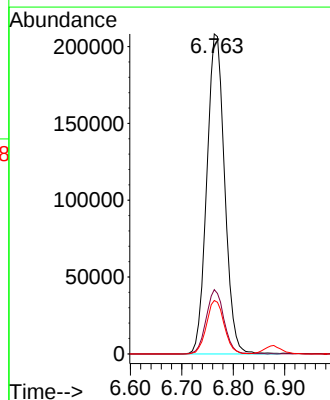
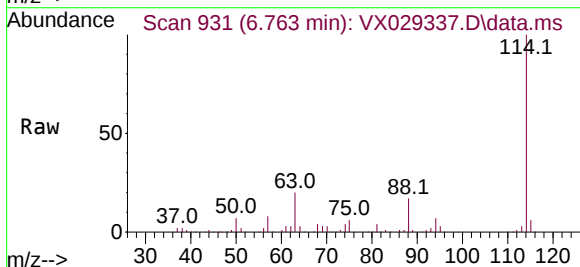
Tgt Ion: 114 Resp: 500960

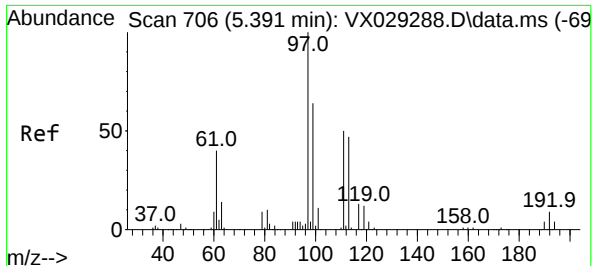
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.000 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029337.D

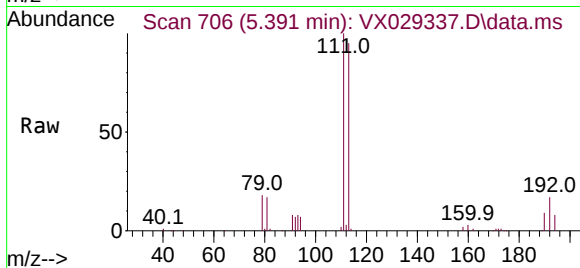
Acq: 08 Jun 2022 21:27

Instrument :

MSVOA_X

ClientSampleId :

TRE-31702



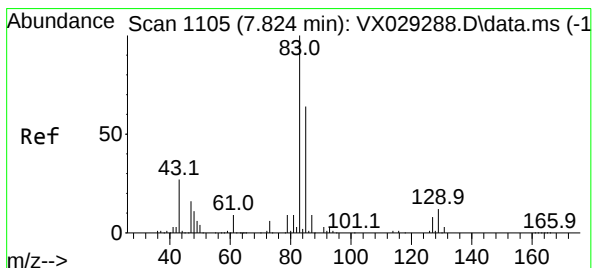
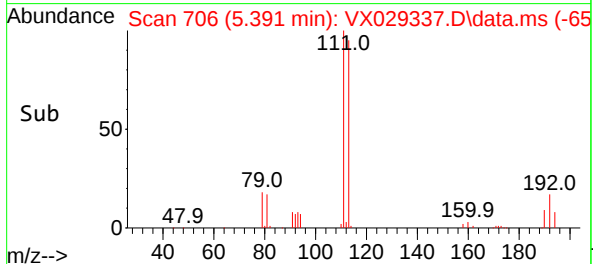
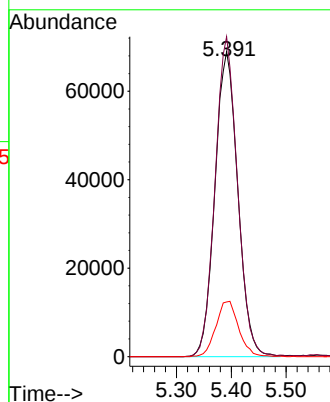
Tgt Ion:113 Resp: 200166

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 18.1 16.9 25.3



#47

Bromodichloromethane

Concen: 3.392 ug/l

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX029337.D

Acq: 08 Jun 2022 21:27

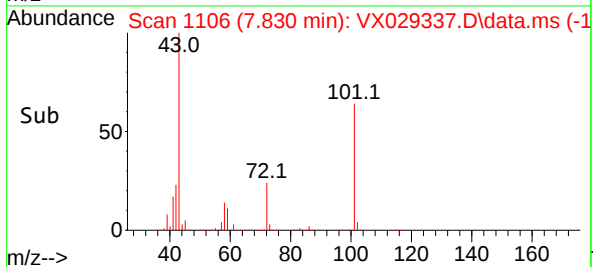
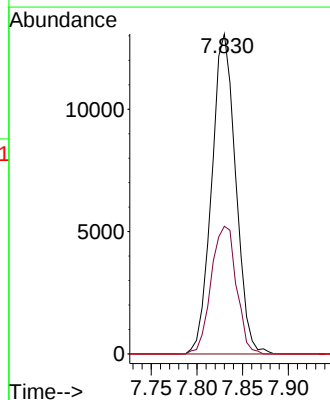
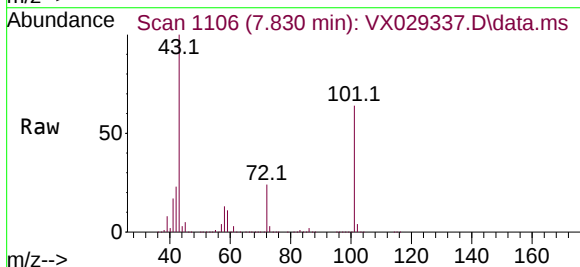
Tgt Ion: 83 Resp: 23881

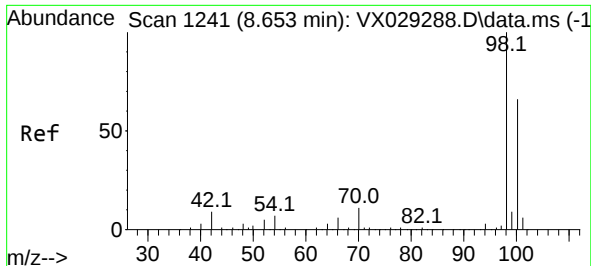
Ion Ratio Lower Upper

83 100

85 39.9 52.2 78.2#

127 0.0 6.8 10.2#

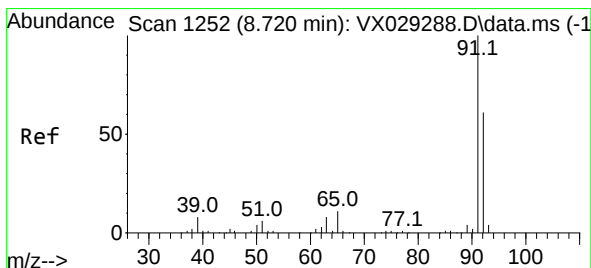
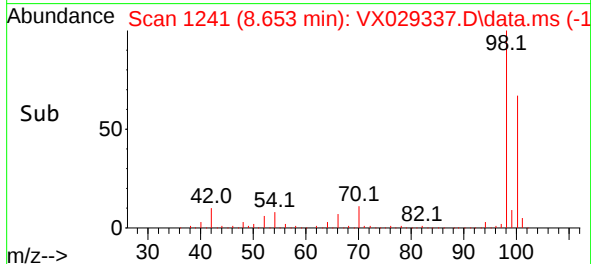
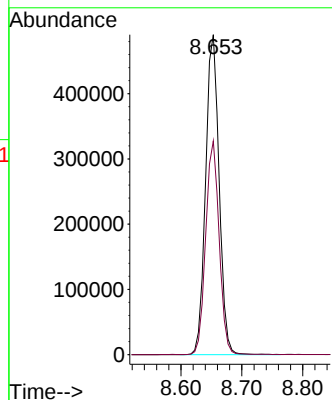
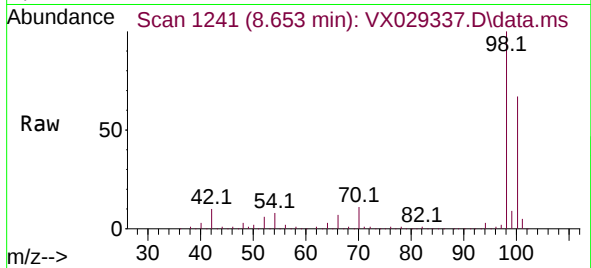




#50
Toluene-d8
Concen: 50.012 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

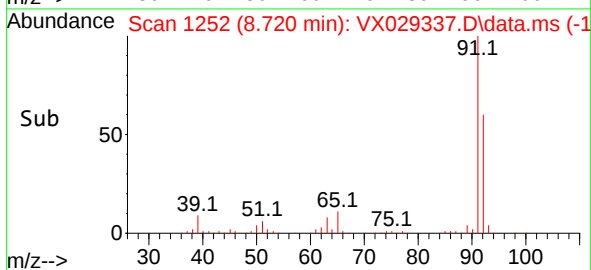
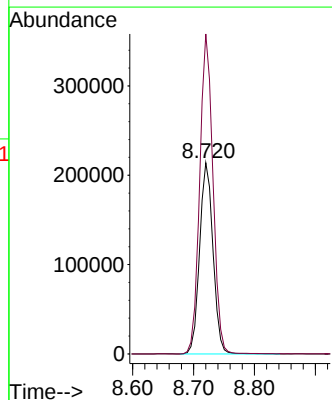
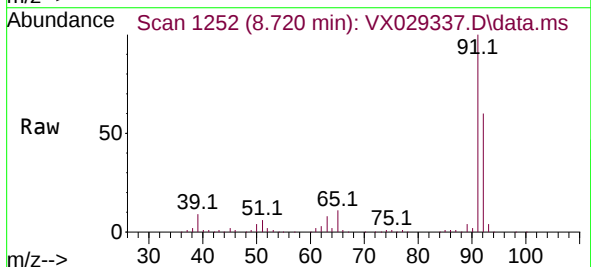
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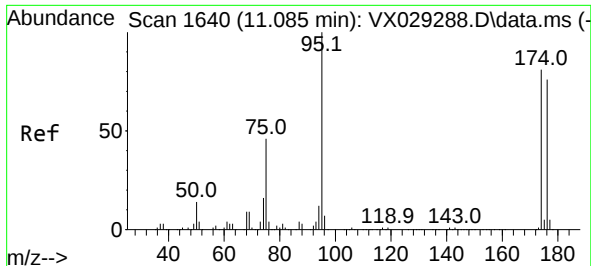
Tgt Ion: 98 Resp: 753296
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#52
Toluene
Concen: 24.247 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

Tgt Ion: 92 Resp: 325999
Ion Ratio Lower Upper
92 100
91 165.8 137.5 206.3

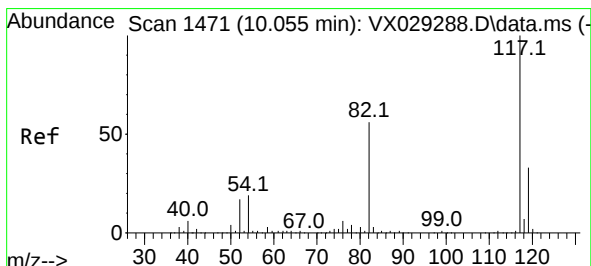
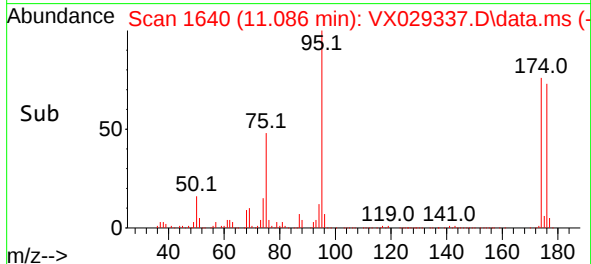
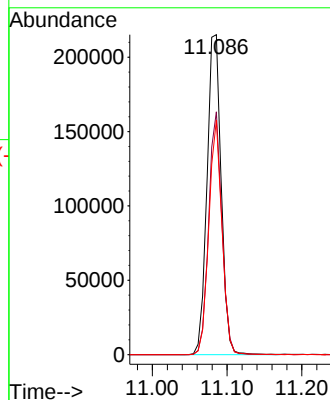
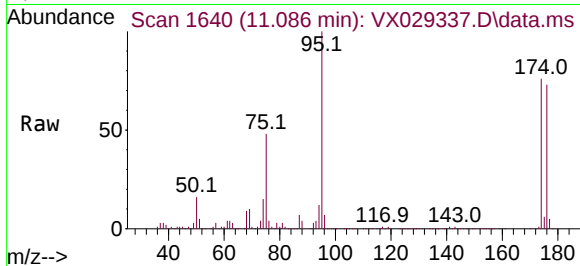




#62
4-Bromofluorobenzene
Concen: 48.060 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

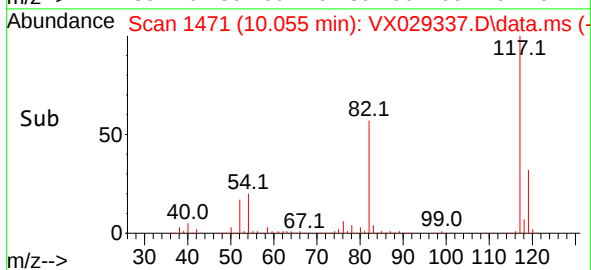
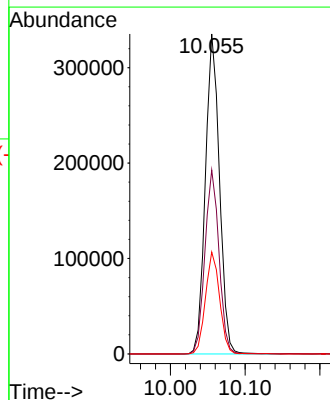
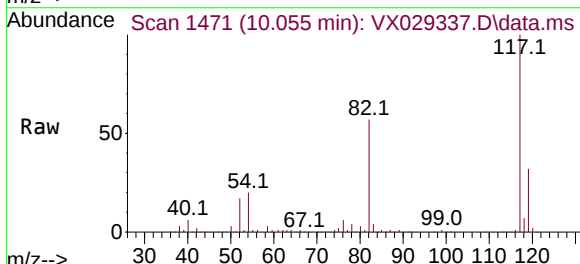
Instrument :
MSVOA_X
ClientSampleId :
TRE-31702

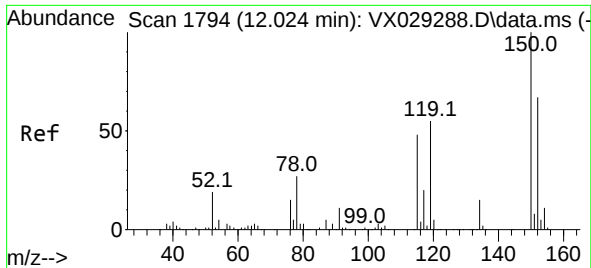
Tgt Ion: 95 Resp: 283288
Ion Ratio Lower Upper
95 100
174 70.8 0.0 163.0
176 68.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

Tgt Ion: 117 Resp: 437981
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 31.8 24.8 37.2

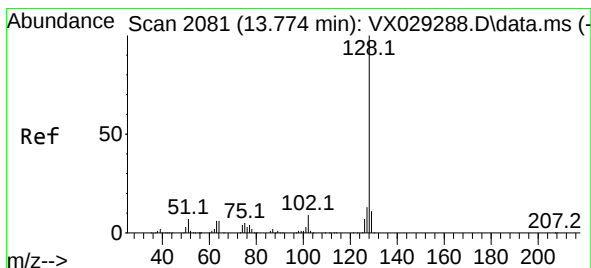
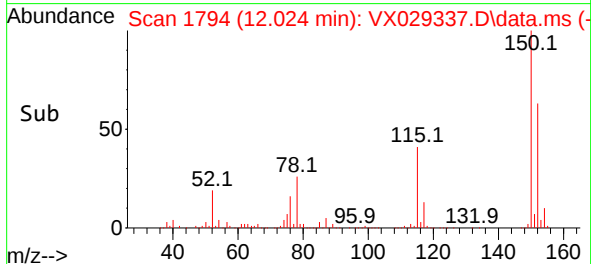
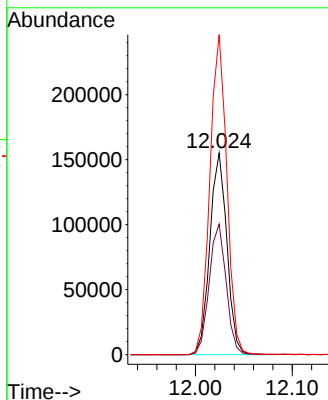
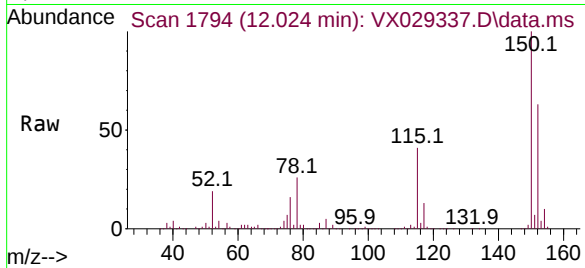




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

Instrument :
MSVOA_X
ClientSampleId :
TRE-31702

Tgt Ion:152 Resp: 190195
Ion Ratio Lower Upper
152 100
115 64.4 37.5 112.7
150 157.5 0.0 338.2



#95
Naphthalene
Concen: 0.625 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029337.D
Acq: 08 Jun 2022 21:27

Tgt Ion:128 Resp: 8662
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 11.3 8.7 13.1

