

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030168.D
 Acq On : 21 Jul 2022 17:39
 Operator : JC/MD
 Sample : N3781-02DL 250X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0019DL

Quant Time: Jul 22 06:59:30 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)

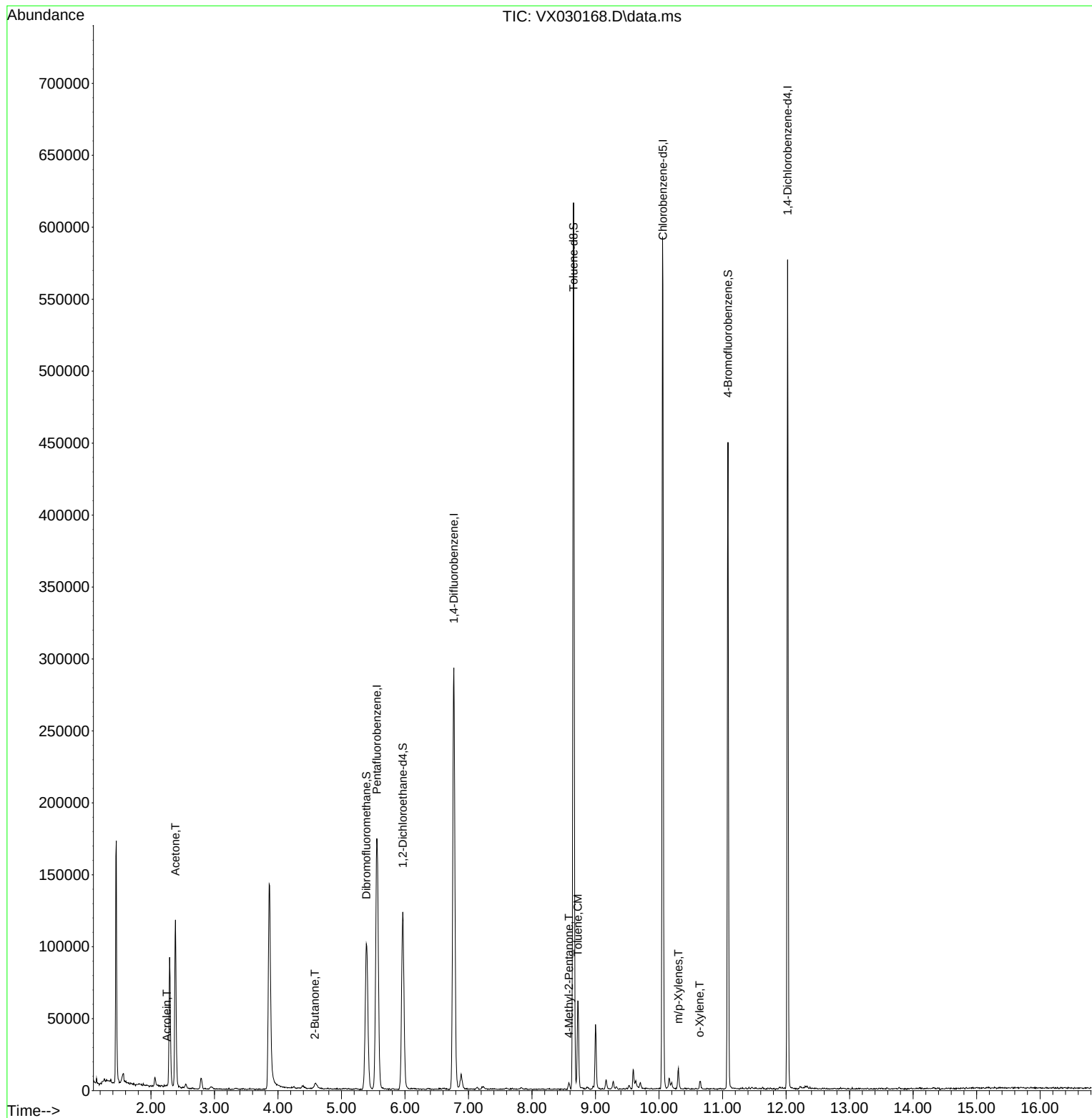
Internal Standards						
1) Pentafluorobenzene	5.556	168	168630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	304377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	267736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112025	54.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.160%	
35) Dibromofluoromethane	5.391	113	91309	46.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.920%	
50) Toluene-d8	8.653	98	357407	48.872	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.740%	
62) 4-Bromofluorobenzene	11.085	95	119035	46.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.800%	
Target Compounds						
						Qvalue
13) Acrolein	2.252	56	735	6.967	ug/l	92
16) Acetone	2.386	43	117188	121.166	ug/l	98
25) 2-Butanone	4.580	43	2204	1.338	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	2811	0.875	ug/l	98
52) Toluene	8.720	92	22992	4.580	ug/l	94
68) m/p-Xylenes	10.305	106	3113	0.878	ug/l	99
69) o-Xylene	10.640	106	1227	0.346	ug/l	97

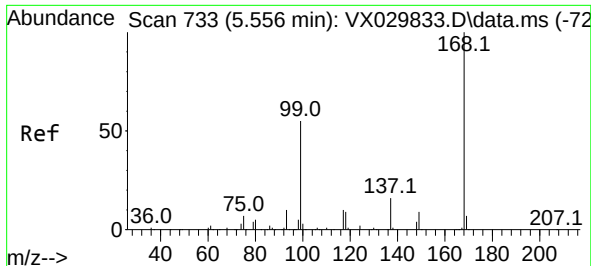
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

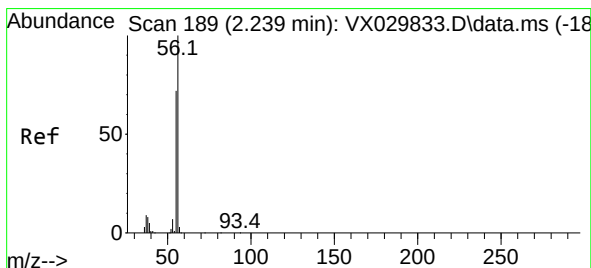
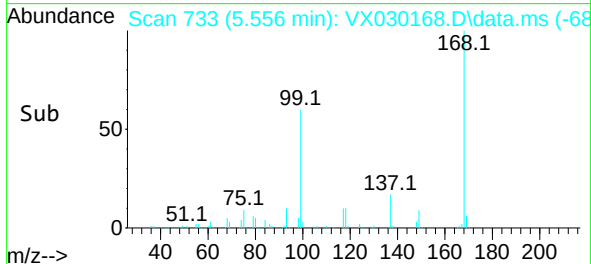
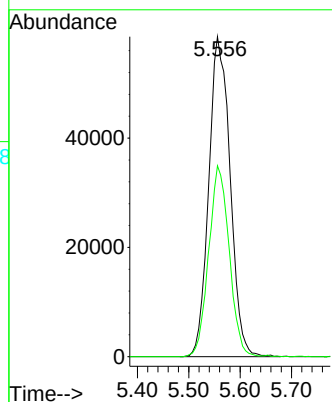
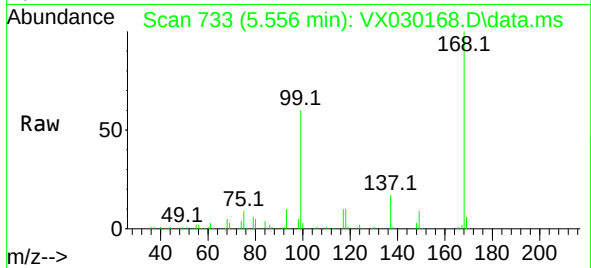




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

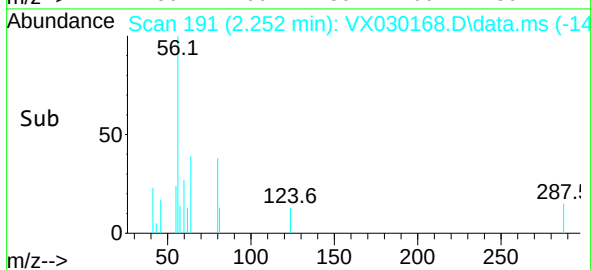
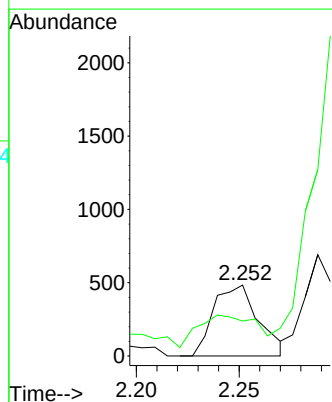
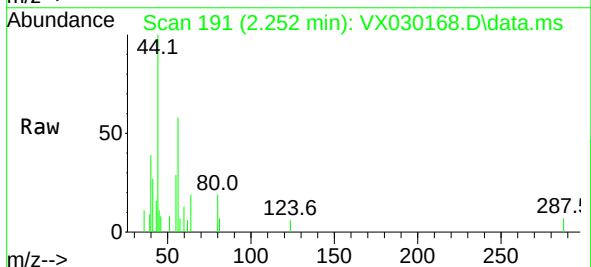
Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

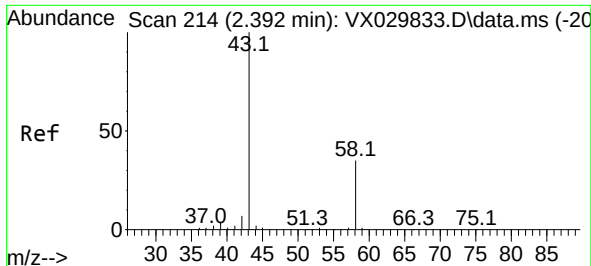
Tgt Ion:168 Resp: 168630
Ion Ratio Lower Upper
168 100
99 59.7 44.0 66.0



#13
Acrolein
Concen: 6.967 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 56 Resp: 735
Ion Ratio Lower Upper
56 100
55 64.5 56.6 84.8

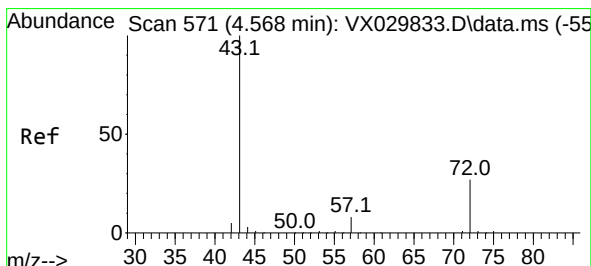
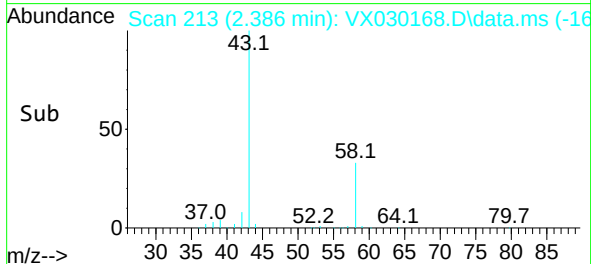
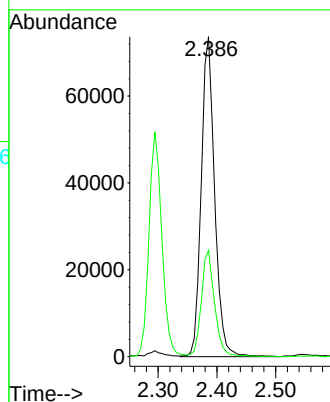
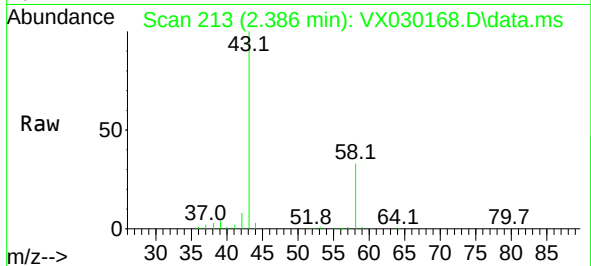




#16
Acetone
Concen: 121.166 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

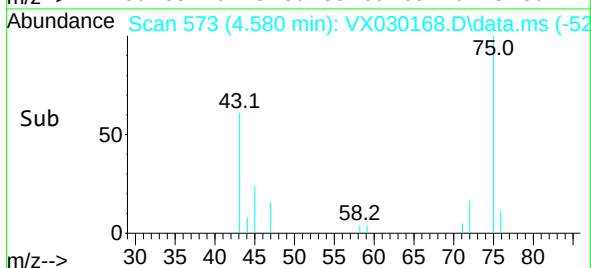
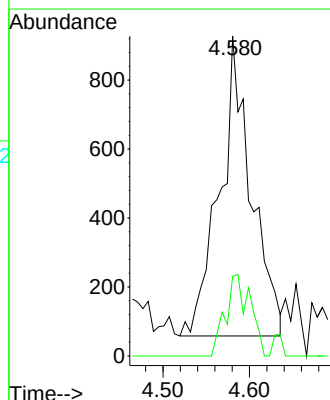
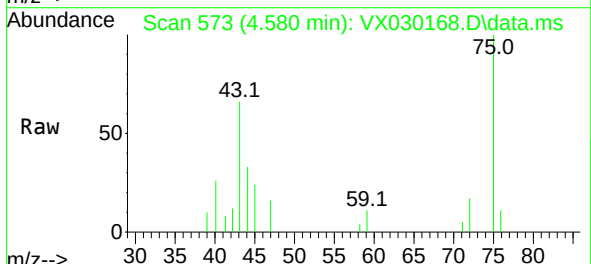
Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

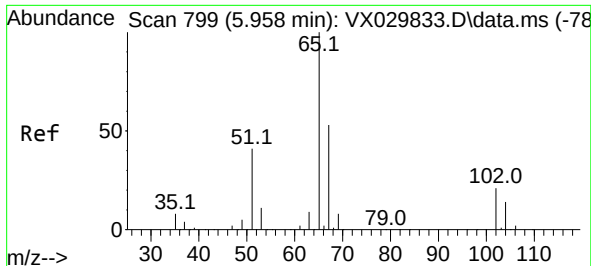
Tgt Ion: 43 Resp: 117188
Ion Ratio Lower Upper
43 100
58 33.3 27.7 41.5



#25
2-Butanone
Concen: 1.338 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 43 Resp: 2204
Ion Ratio Lower Upper
43 100
72 26.6 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 54.579 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030168.D

Acq: 21 Jul 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

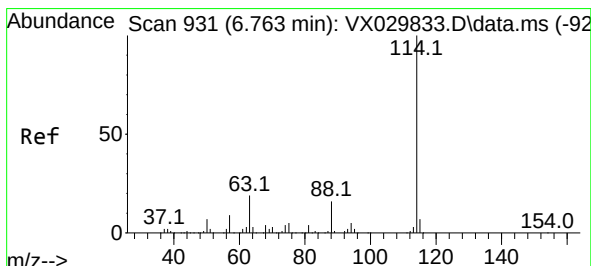
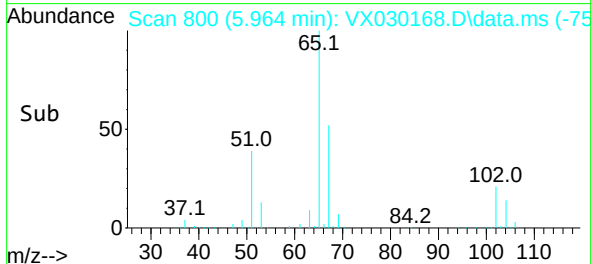
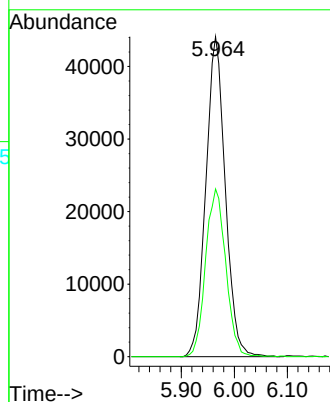
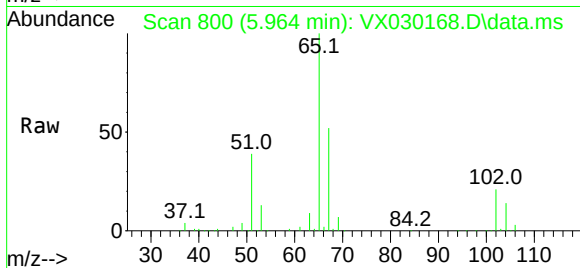
ORA-0019DL

Tgt Ion: 65 Resp: 112025

Ion Ratio Lower Upper

65 100

67 54.5 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: VX030168.D

Acq: 21 Jul 2022 17:39

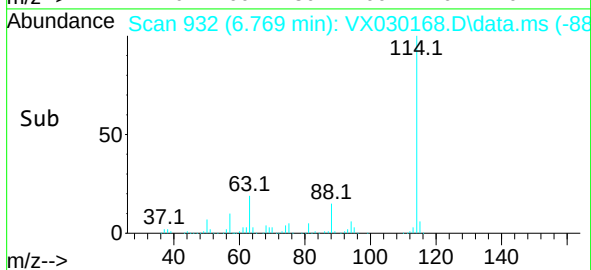
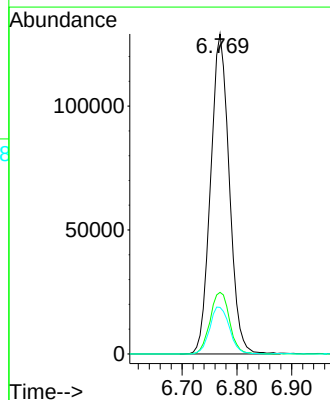
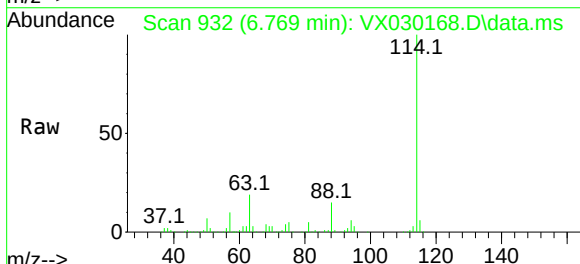
Tgt Ion: 114 Resp: 304377

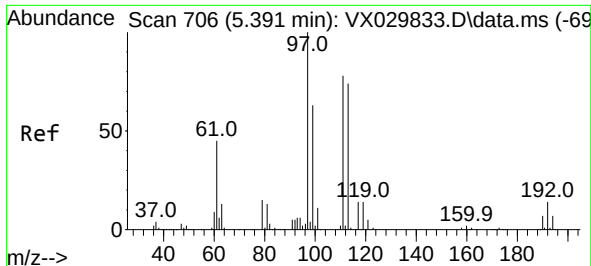
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.958 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030168.D

Acq: 21 Jul 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

ORA-0019DL

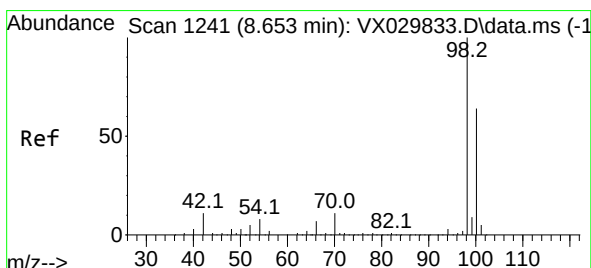
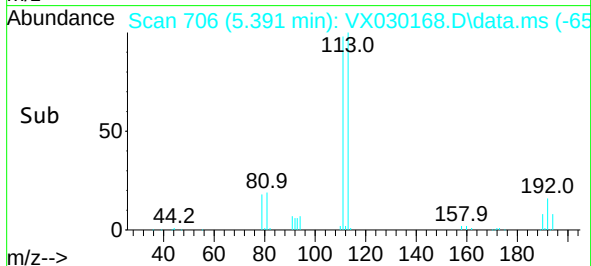
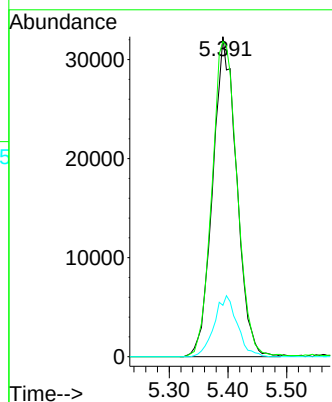
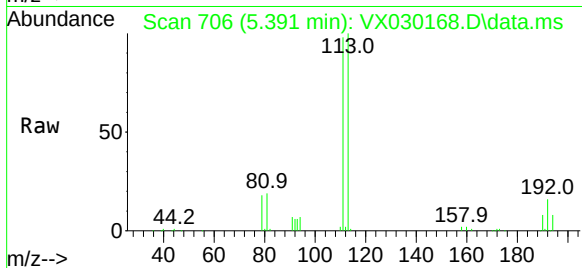
Tgt Ion:113 Resp: 91309

Ion Ratio Lower Upper

113 100

111 103.6 83.2 124.8

192 18.3 14.8 22.2



#50

Toluene-d8

Concen: 48.872 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030168.D

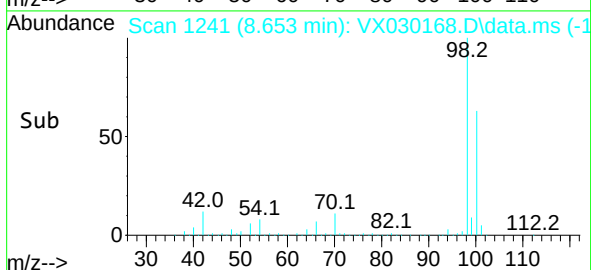
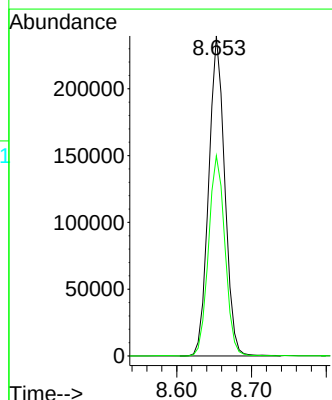
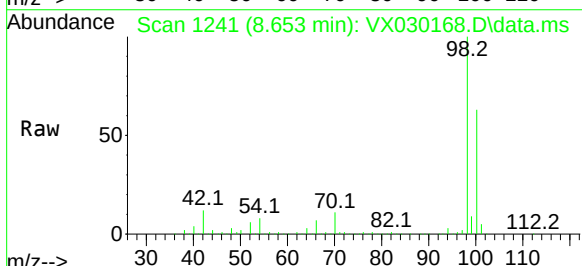
Acq: 21 Jul 2022 17:39

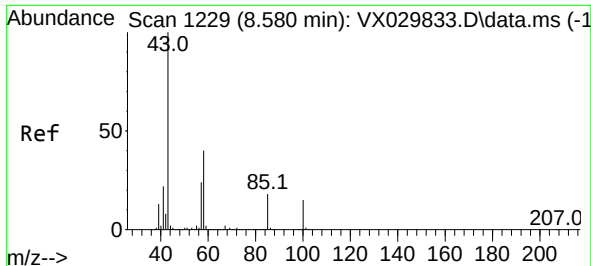
Tgt Ion: 98 Resp: 357407

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5

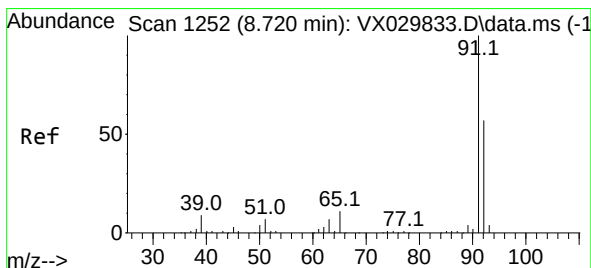
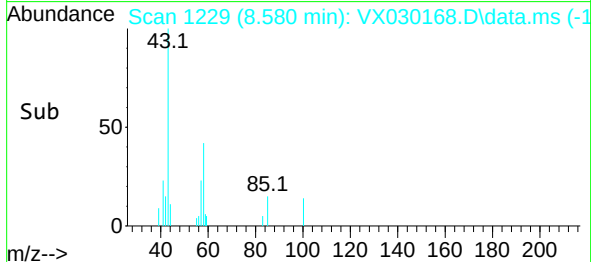
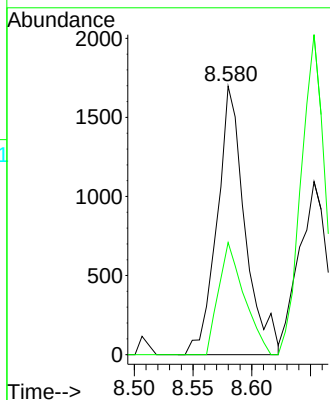
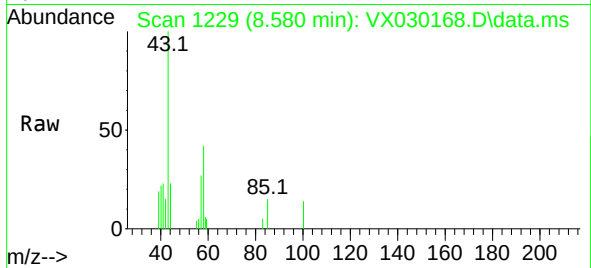




#51
4-Methyl-2-Pentanone
Concen: 0.875 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

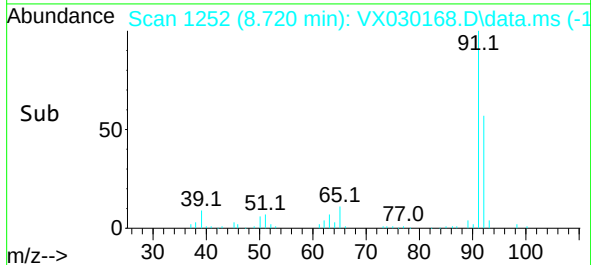
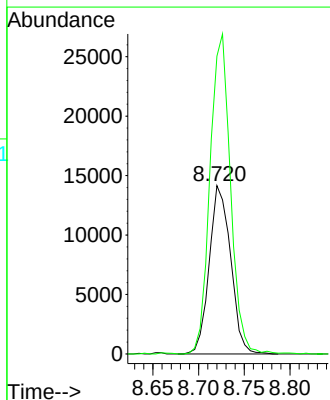
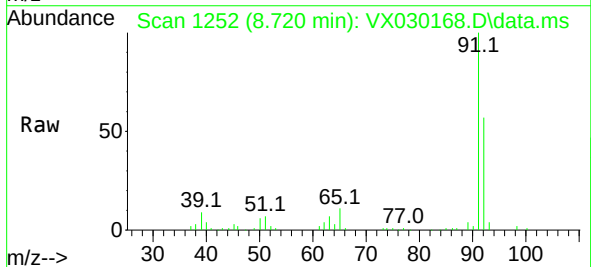
Instrument :
MSVOA_X
ClientSampleId :
ORA-0019DL

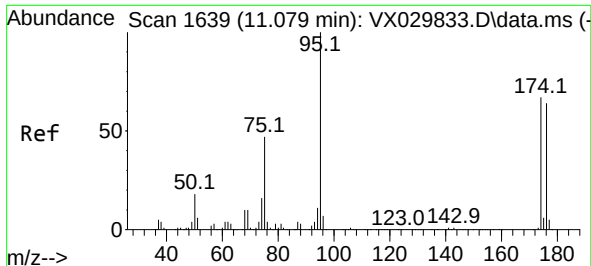
Tgt Ion: 43 Resp: 2811
Ion Ratio Lower Upper
43 100
58 38.1 31.4 47.2



#52
Toluene
Concen: 4.580 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 92 Resp: 22992
Ion Ratio Lower Upper
92 100
91 182.6 139.2 208.8

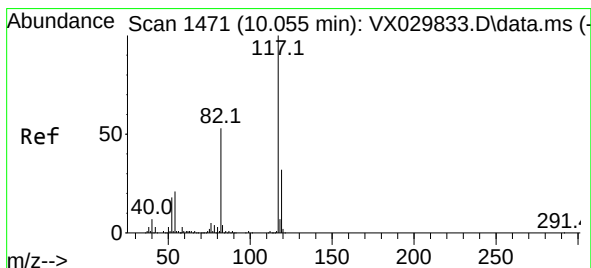
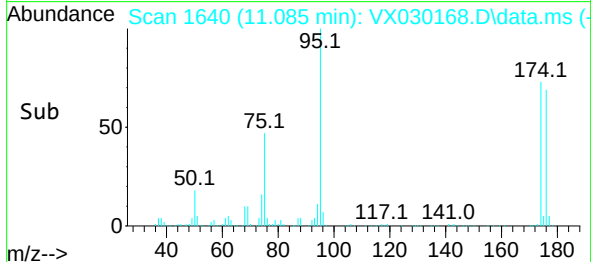
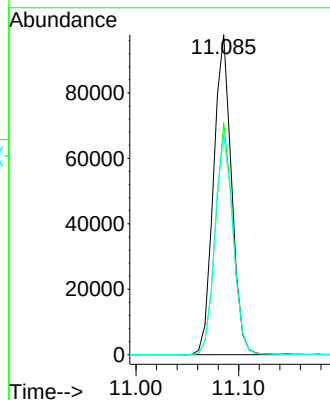
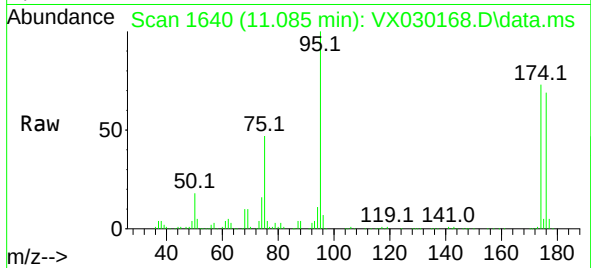




#62
4-Bromofluorobenzene
Concen: 46.904 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

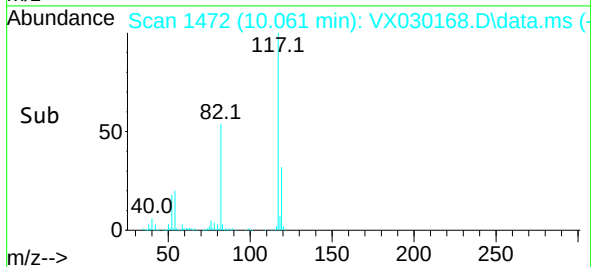
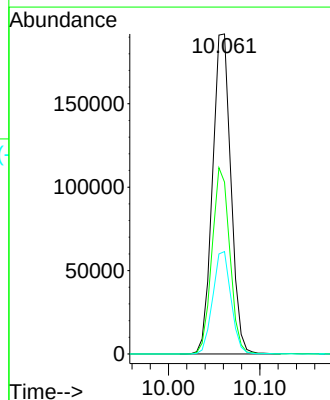
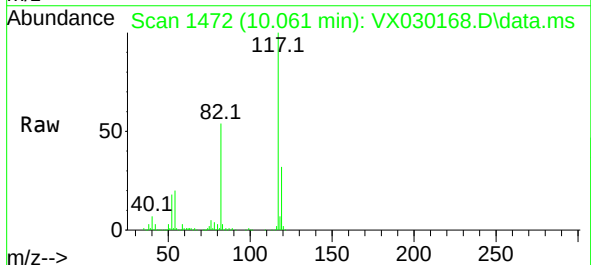
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MSVOA_X
ClientSampleId :
ORA-0019DL

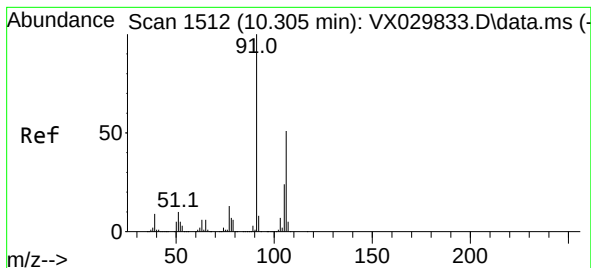
Tgt Ion: 95 Resp: 119035
Ion Ratio Lower Upper
95 100
174 70.5 0.0 149.0
176 69.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX030168.D
Acq: 21 Jul 2022 17:39

Tgt Ion: 117 Resp: 267736
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 32.0 25.4 38.2





#68

m/p-Xylenes

Concen: 0.878 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030168.D

Acq: 21 Jul 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

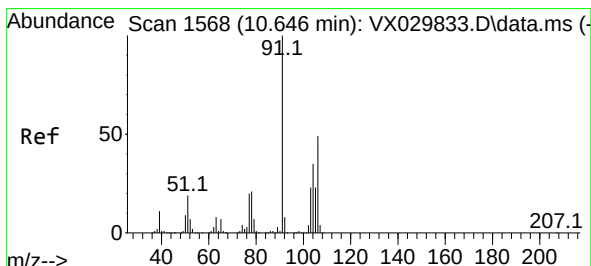
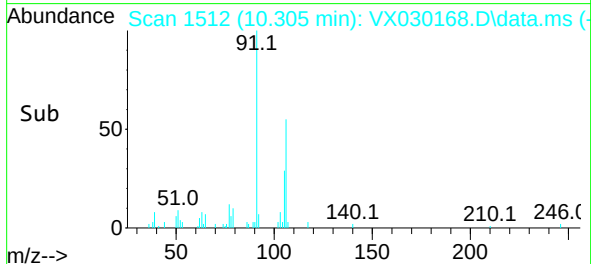
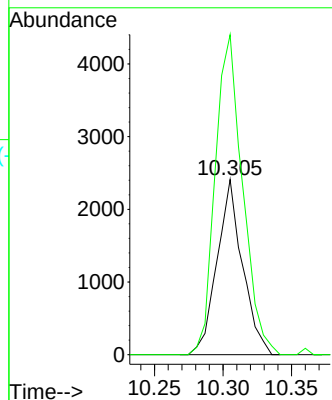
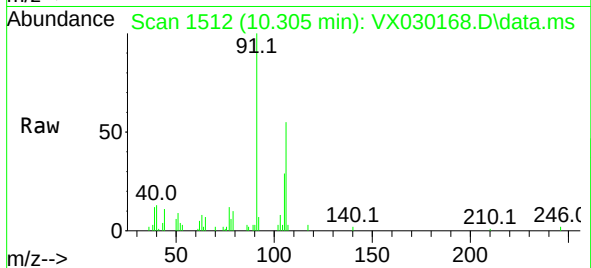
ORA-0019DL

Tgt Ion:106 Resp: 3113

Ion Ratio Lower Upper

106 100

91 196.2 158.2 237.4



#69

o-Xylene

Concen: 0.346 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VX030168.D

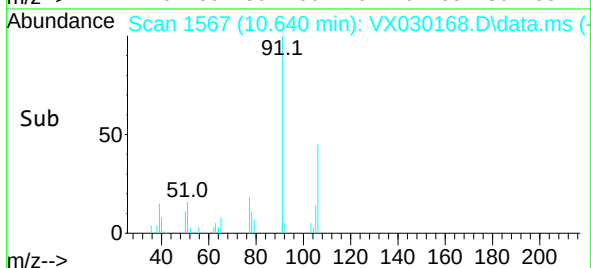
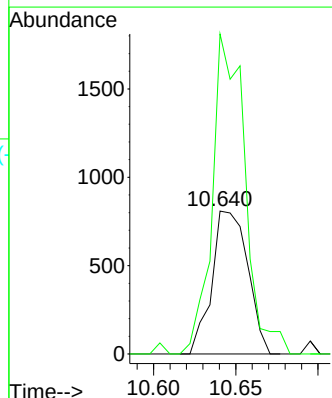
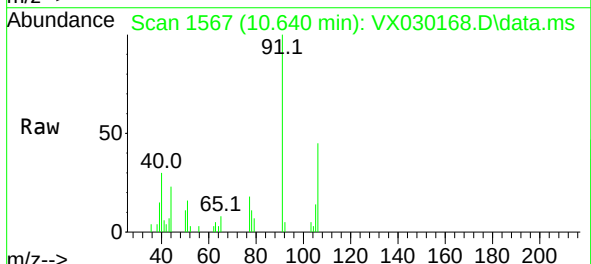
Acq: 21 Jul 2022 17:39

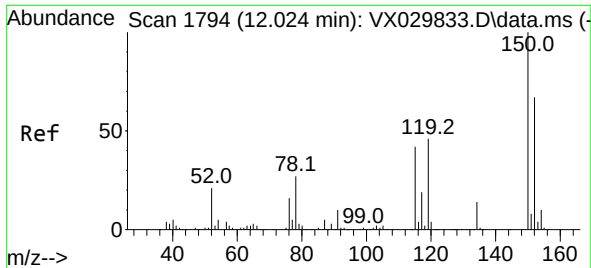
Tgt Ion:106 Resp: 1227

Ion Ratio Lower Upper

106 100

91 203.4 103.8 311.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030168.D
 Acq: 21 Jul 2022 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0019DL

Tgt Ion:152 Resp: 113646
 Ion Ratio Lower Upper
 152 100
 115 59.3 40.5 121.5
 150 156.7 0.0 347.0

