

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031370.D
 Acq On : 15 Sep 2022 21:39
 Operator : JC/MD
 Sample : N4508-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03-117-137-090222-H

Quant Time: Sep 16 04:58:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

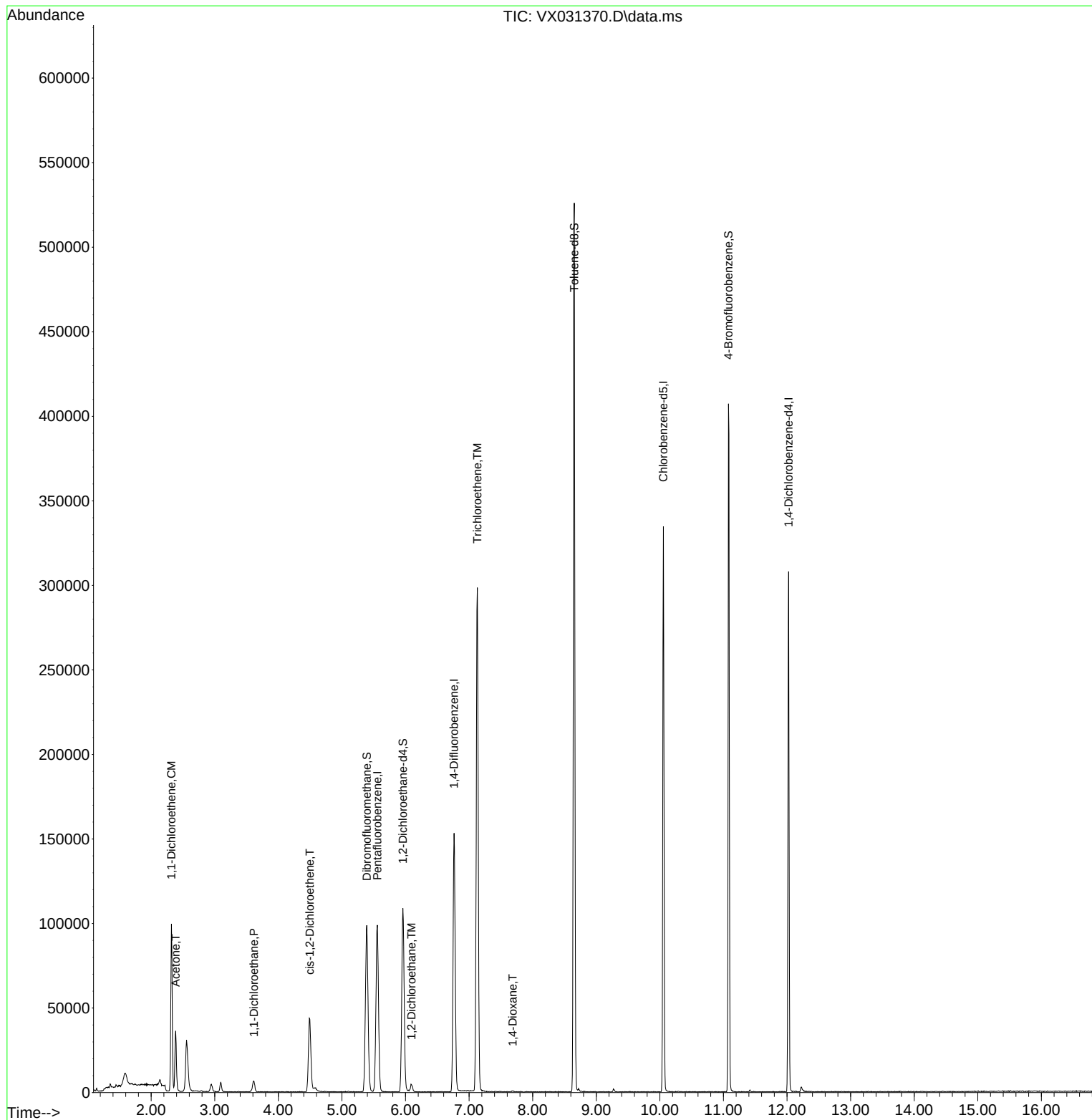
Internal Standards						
1) Pentafluorobenzene	5.556	168	91524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96827	43.101	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.200%
35) Dibromofluoromethane	5.391	113	81101	49.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.760%
50) Toluene-d8	8.653	98	307025	49.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	11.079	95	95965	42.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.060%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	30449	23.829	ug/l	93
16) Acetone	2.386	43	39025	40.692	ug/l	99
24) 1,1-Dichloroethane	3.617	63	6961	2.245	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	27043	14.368	ug/l	80
42) 1,2-Dichloroethane	6.092	62	4473	1.718	ug/l	96
44) Trichloroethene	7.129	130	107742	65.458	ug/l	93
49) 1,4-Dioxane	7.684	88	459	9.970	ug/l #	86

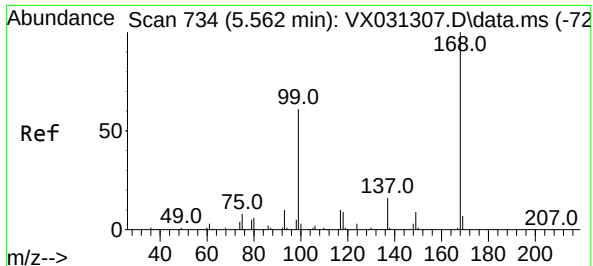
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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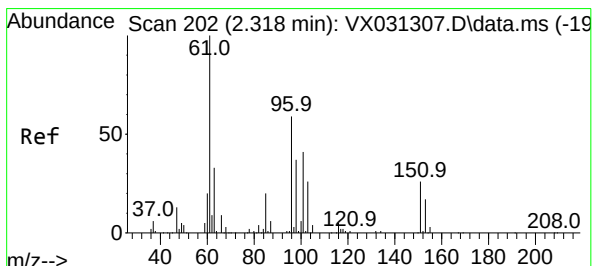
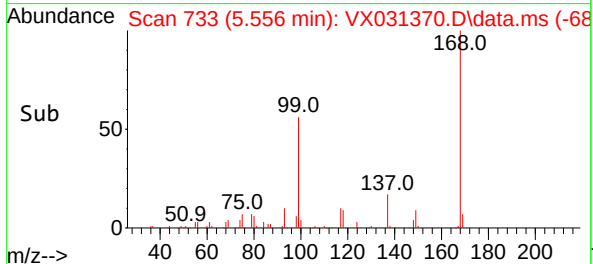
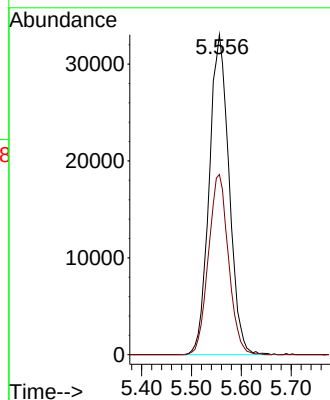
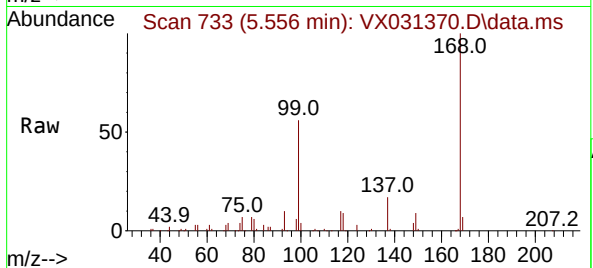




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031370.D
Acq: 15 Sep 2022 21:39

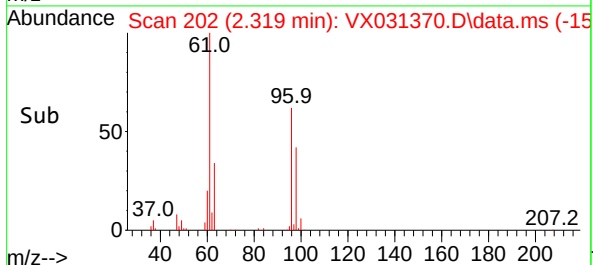
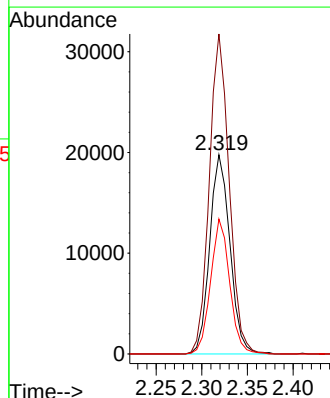
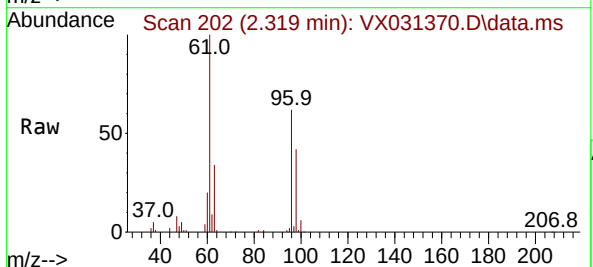
Instrument :
MSVOA_X
ClientSampleId :
BR-03-117-137-090222-H

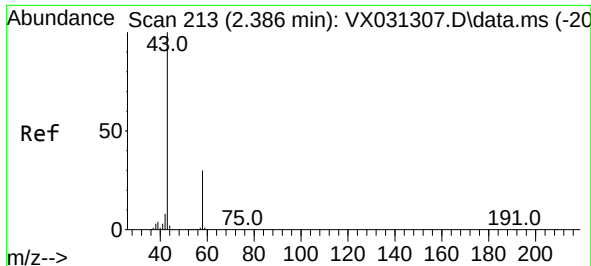
Tgt Ion:168 Resp: 91524
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2



#12
1,1-Dichloroethene
Concen: 23.829 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031370.D
Acq: 15 Sep 2022 21:39

Tgt Ion: 96 Resp: 30449
Ion Ratio Lower Upper
96 100
61 160.6 135.3 202.9
98 67.7 49.4 74.2

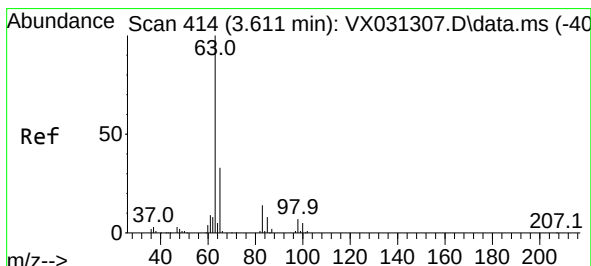
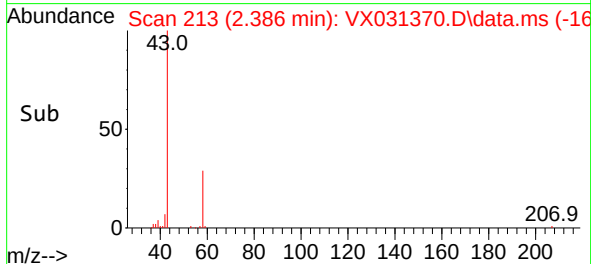
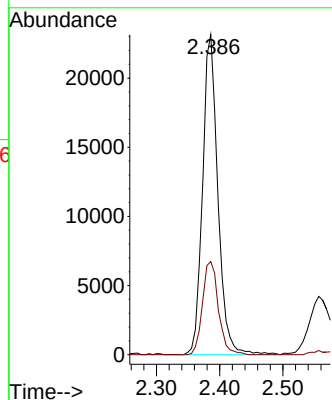
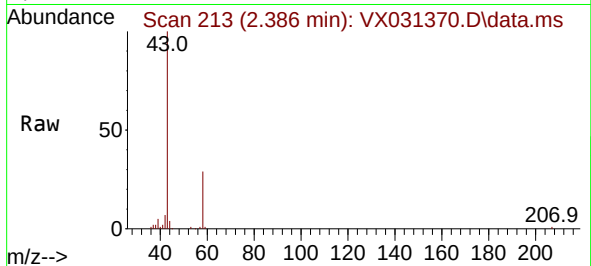




#16
Acetone
Concen: 40.692 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031370.D
Acq: 15 Sep 2022 21:39

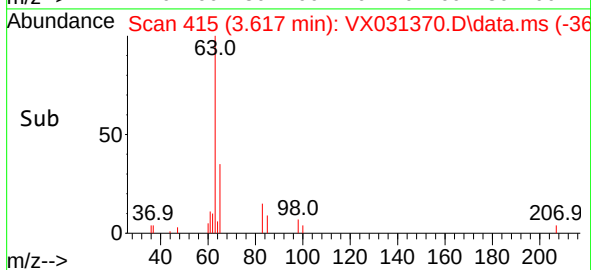
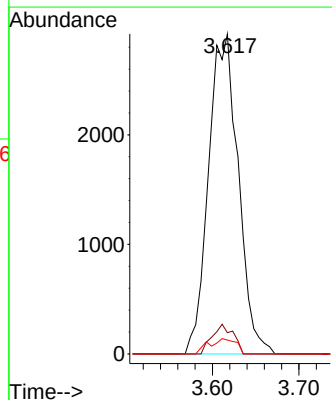
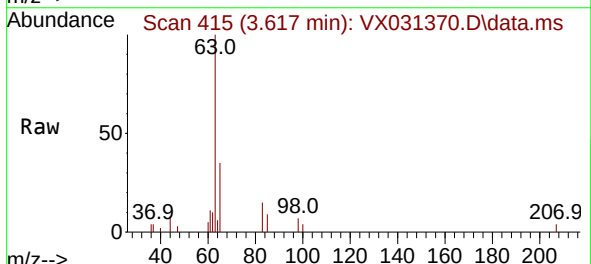
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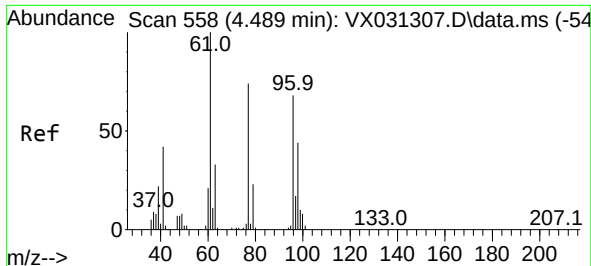
Tgt Ion: 43 Resp: 39025
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.8



#24
1,1-Dichloroethane
Concen: 2.245 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX031370.D
Acq: 15 Sep 2022 21:39

Tgt Ion: 63 Resp: 6961
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.4
100 4.3 2.4 7.2





#27

cis-1,2-Dichloroethene

Concen: 14.368 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031370.D

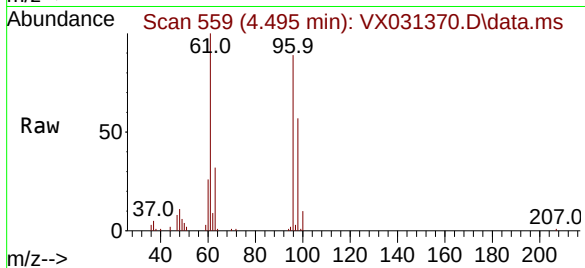
Acq: 15 Sep 2022 21:39

Instrument :

MSVOA_X

ClientSampleId :

BR-03-117-137-090222-H



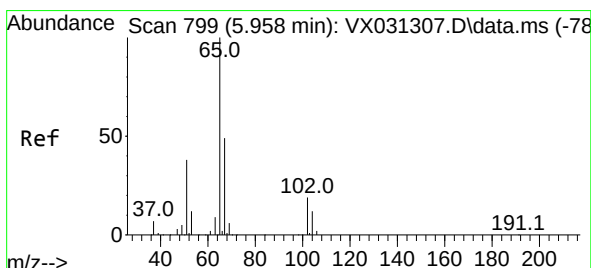
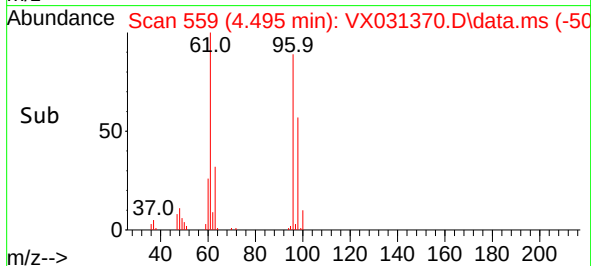
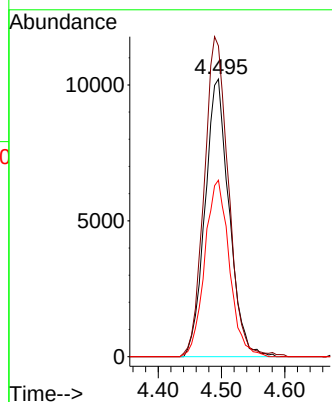
Tgt Ion: 96 Resp: 27043

Ion Ratio Lower Upper

96 100

61 116.4 0.0 305.2

98 64.9 0.0 128.4



#33

1,2-Dichloroethane-d4

Concen: 43.101 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031370.D

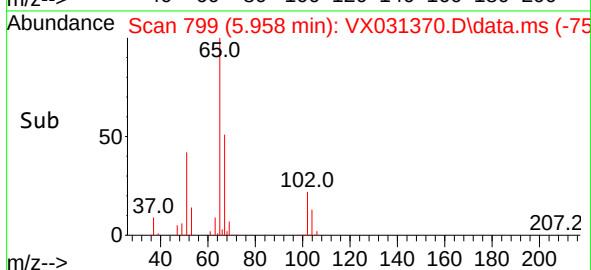
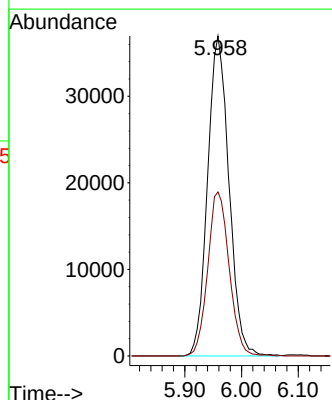
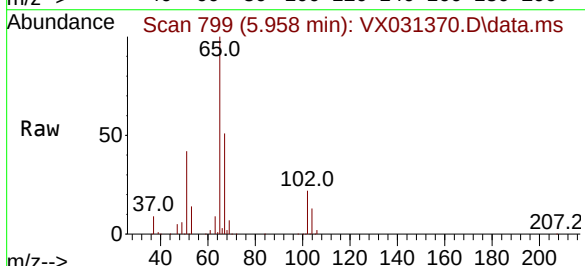
Acq: 15 Sep 2022 21:39

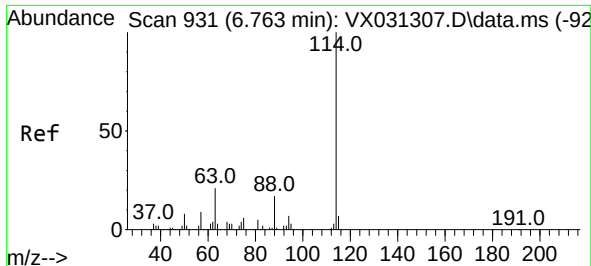
Tgt Ion: 65 Resp: 96827

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4

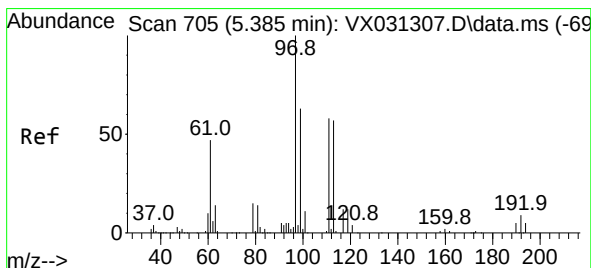
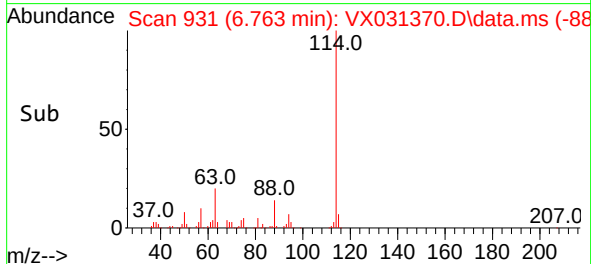
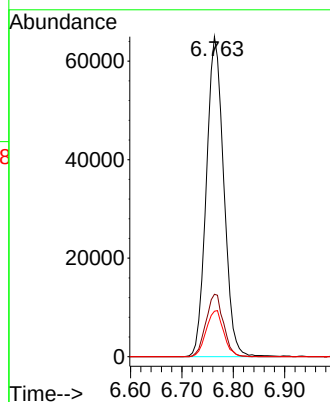
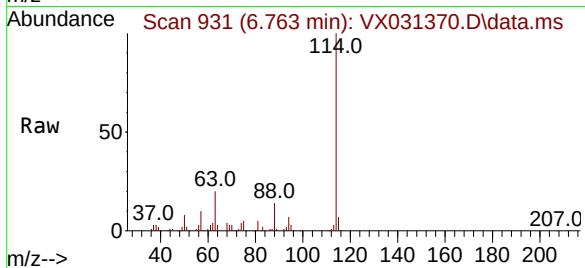




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031370.D
Acq: 15 Sep 2022 21:39

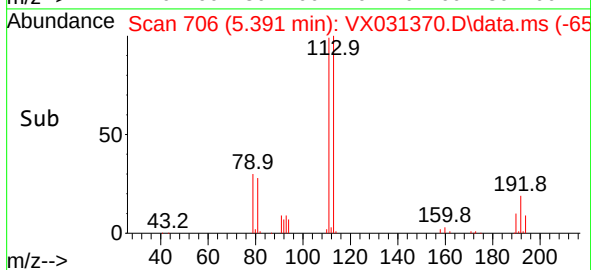
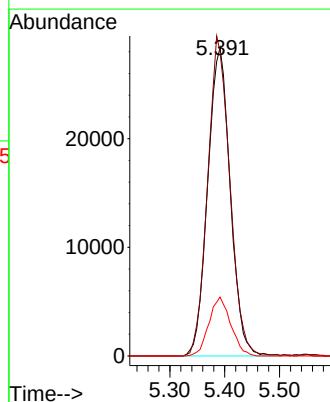
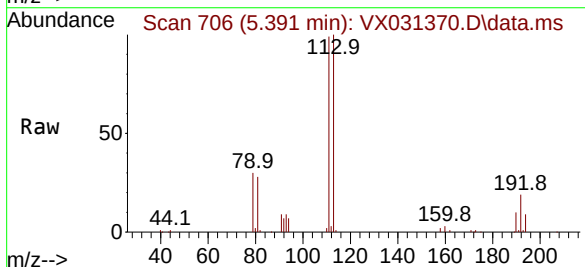
Instrument :
MSVOA_X
ClientSampleId :
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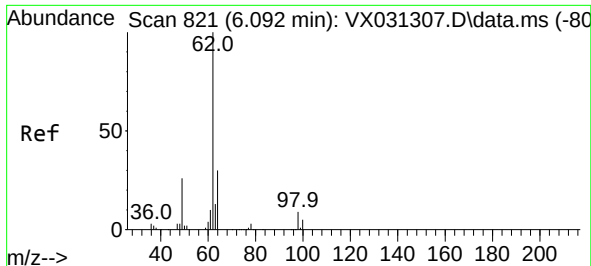
Tgt Ion:114 Resp: 152800
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.6
88 14.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.377 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031370.D
Acq: 15 Sep 2022 21:39

Tgt Ion:113 Resp: 81101
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 18.5 14.1 21.1





#42

1,2-Dichloroethane

Concen: 1.718 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX031370.D

Acq: 15 Sep 2022 21:39

Instrument :

MSVOA_X

ClientSampleId :

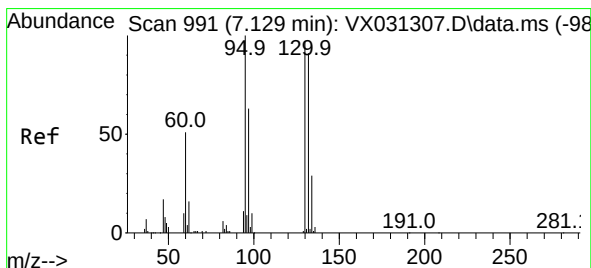
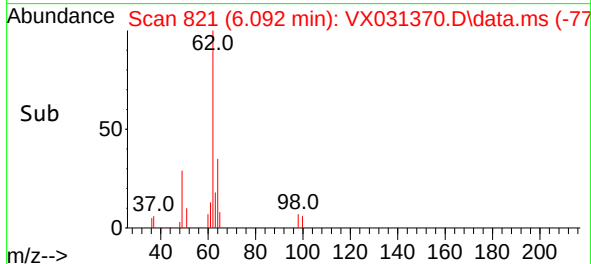
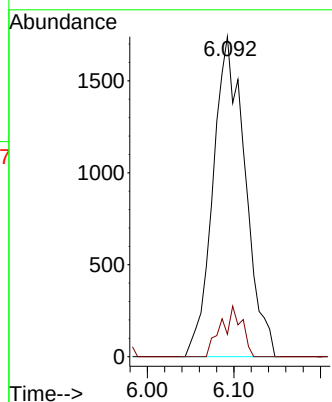
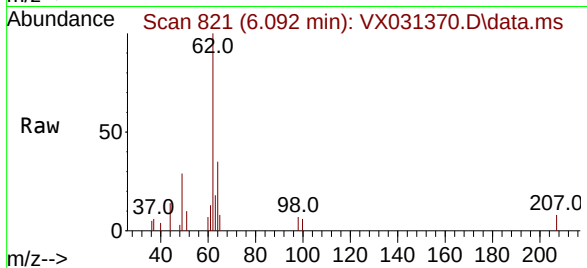
BR-03-117-137-090222-H

Tgt Ion: 62 Resp: 4473

Ion Ratio Lower Upper

62 100

98 10.2 0.0 17.8



#44

Trichloroethene

Concen: 65.458 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX031370.D

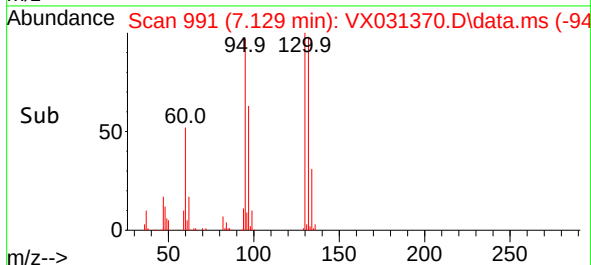
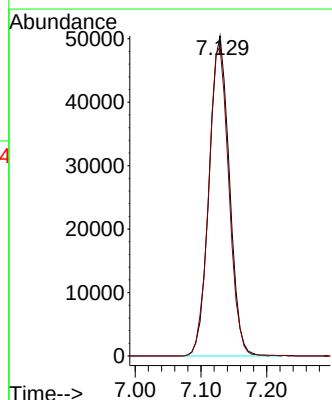
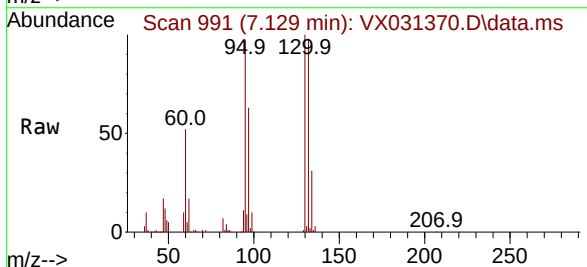
Acq: 15 Sep 2022 21:39

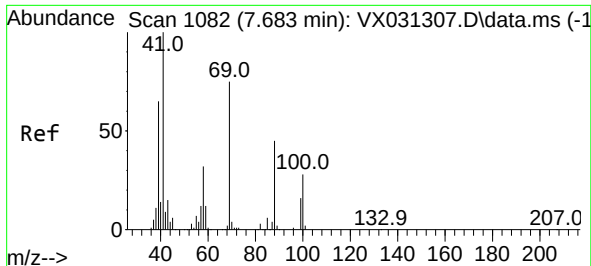
Tgt Ion:130 Resp: 107742

Ion Ratio Lower Upper

130 100

95 96.7 0.0 206.8





#49

1,4-Dioxane

Concen: 9.970 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VX031370.D

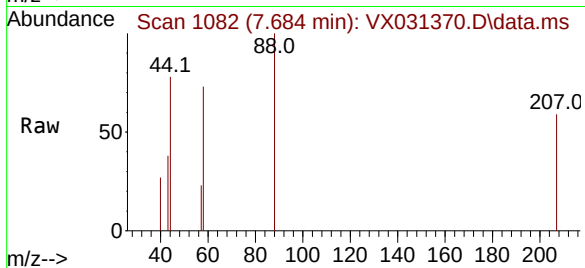
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Instrument :

MSVOA_X

ClientSampleId :

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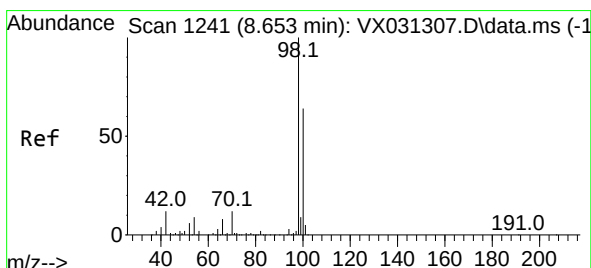
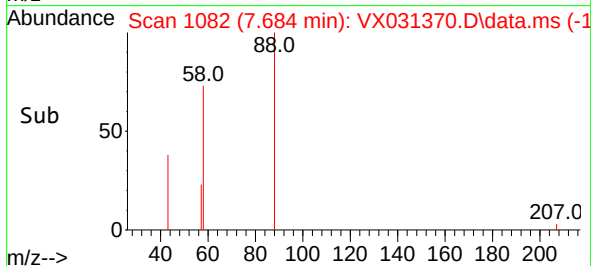
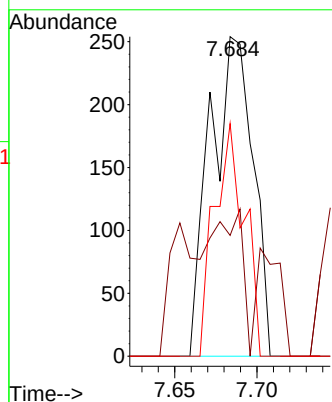
Tgt Ion: 88 Resp: 459

Ion Ratio Lower Upper

88 100

43 32.9 27.1 40.7

58 51.2 53.9 80.9#



#50

Toluene-d8

Concen: 49.832 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031370.D

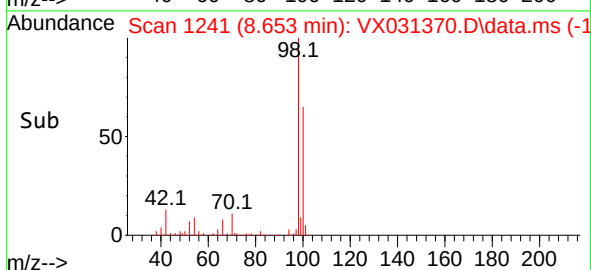
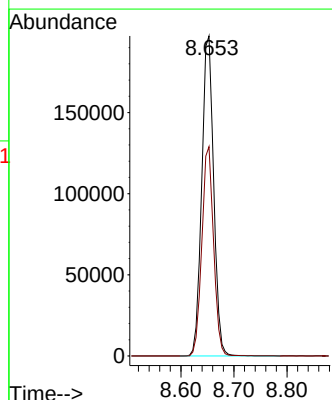
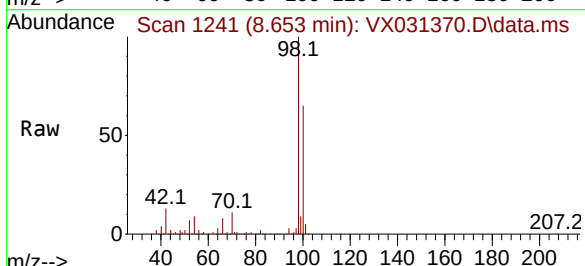
Acq: 15 Sep 2022 21:39

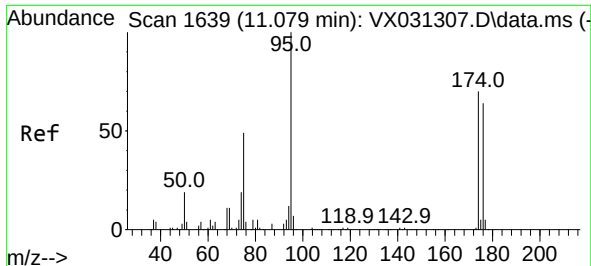
Tgt Ion: 98 Resp: 307025

Ion Ratio Lower Upper

98 100

100 64.4 52.5 78.7

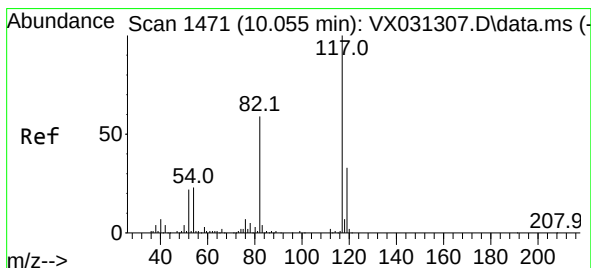
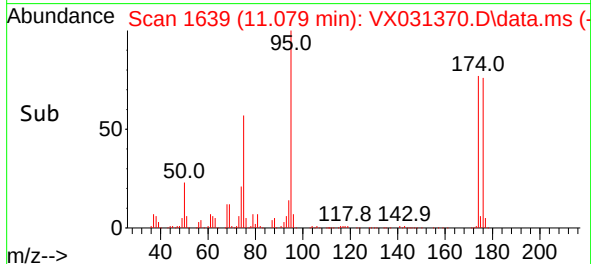
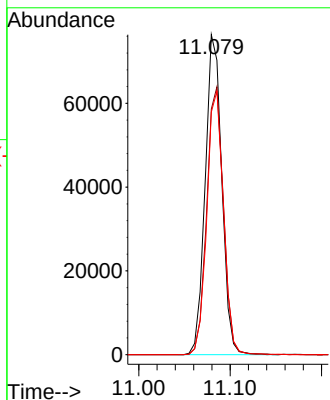
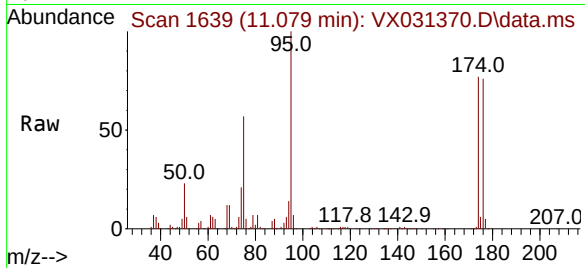




#62
4-Bromofluorobenzene
Concen: 42.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031370.D
Acq: 15 Sep 2022 21:39

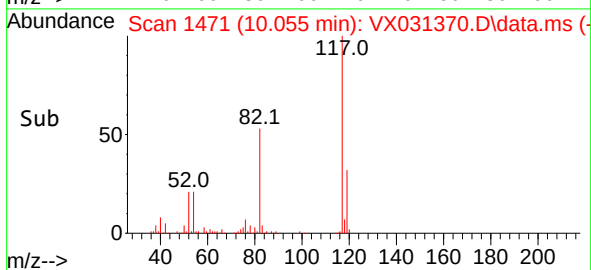
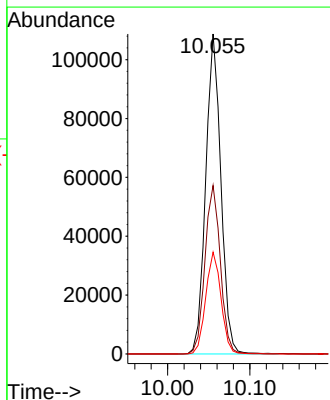
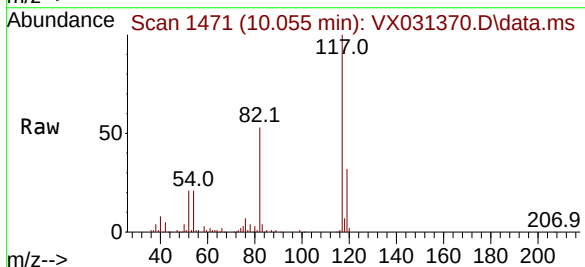
Instrument :
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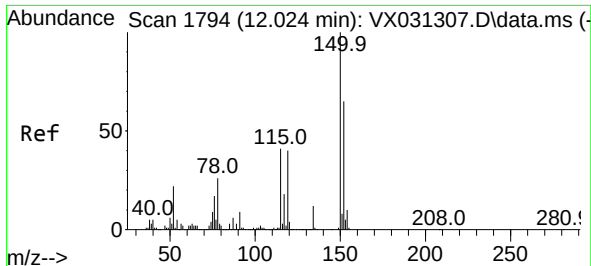
Tgt Ion: 95 Resp: 95965
Ion Ratio Lower Upper
95 100
174 84.6 0.0 153.2
176 82.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031370.D
Acq: 15 Sep 2022 21:39

Tgt Ion: 117 Resp: 139297
Ion Ratio Lower Upper
117 100
82 52.7 46.8 70.2
119 31.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031370.D
 Acq: 15 Sep 2022 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03-117-137-090222-H

Tgt Ion:152 Resp: 60213
 Ion Ratio Lower Upper
 152 100
 115 58.0 43.4 130.1
 150 156.8 0.0 346.8

