

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031372.D
 Acq On : 15 Sep 2022 22:26
 Operator : JC/MD
 Sample : N4508-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Sep 16 04:59:29 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)

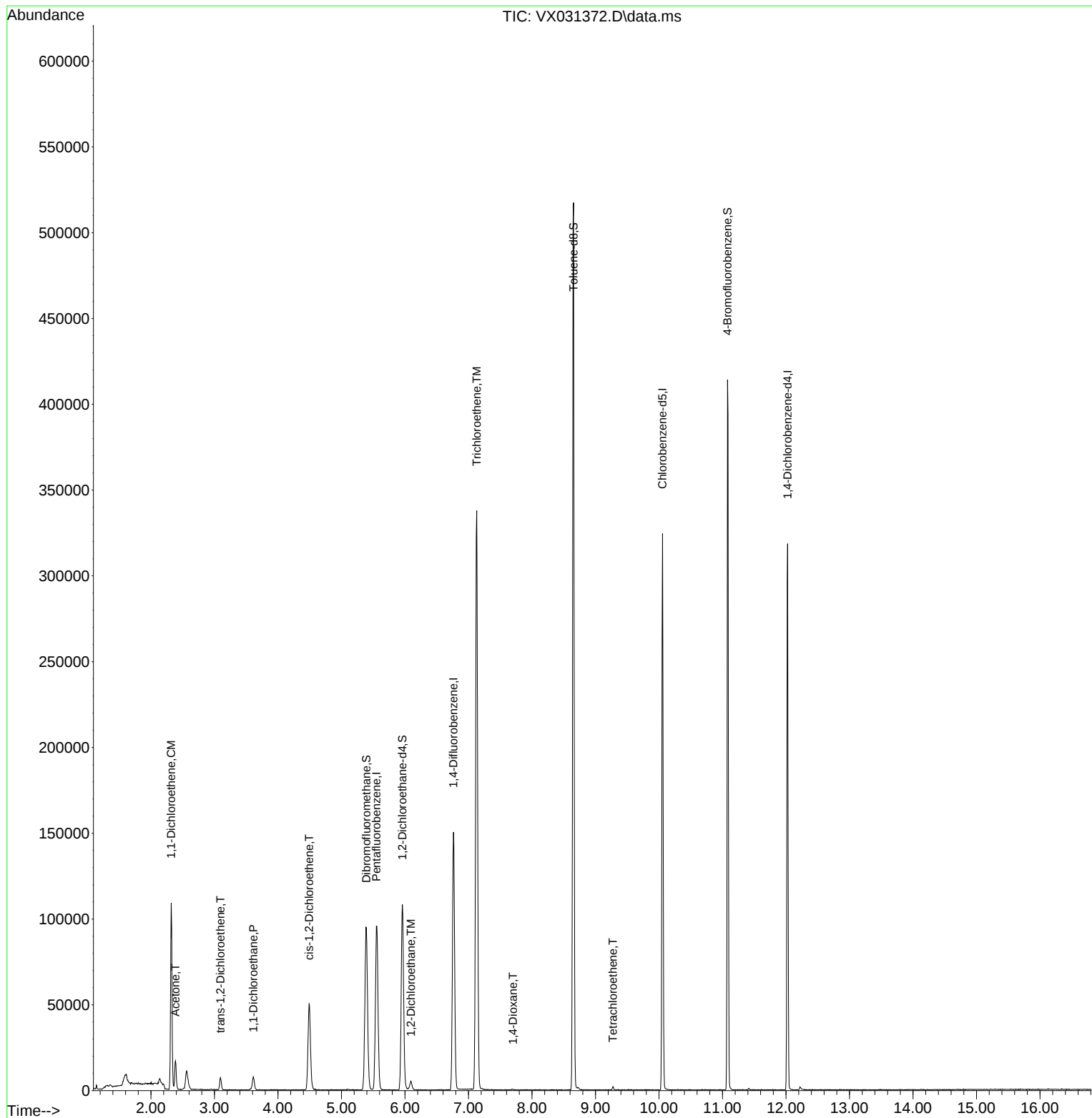
Internal Standards						
1) Pentafluorobenzene	5.550	168	91494	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	152020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97377	43.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.720%
35) Dibromofluoromethane	5.391	113	79241	48.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.653	98	301829	49.240	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	96416	42.953	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.900%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	33605	26.307	ug/l	92
16) Acetone	2.386	43	18945	19.761	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	2818	0.517	ug/l	98
24) 1,1-Dichloroethane	3.611	63	7976	2.574	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	31529	16.757	ug/l	81
42) 1,2-Dichloroethane	6.092	62	4997	1.929	ug/l	97
44) Trichloroethene	7.129	130	122973	75.095	ug/l	92
49) 1,4-Dioxane	7.702	88	396	8.646	ug/l #	86
64) Tetrachloroethene	9.275	164	333	0.268	ug/l #	81

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

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QLast Update : Thu Sep 15 01:50:07 2022
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.012 min

Lab File: VX031372.D

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Instrument :

MSVOA_X

ClientSampleId :

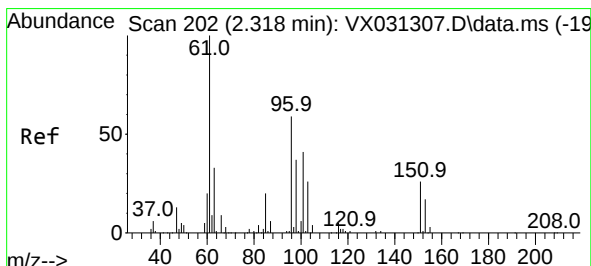
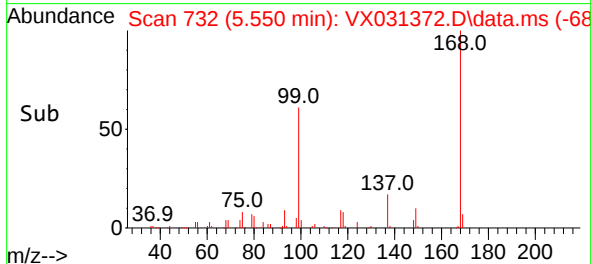
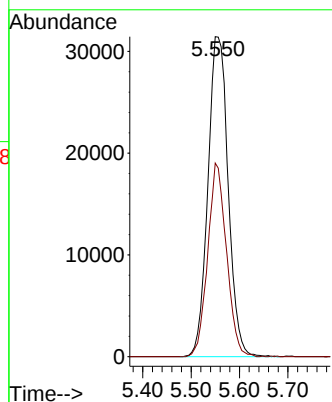
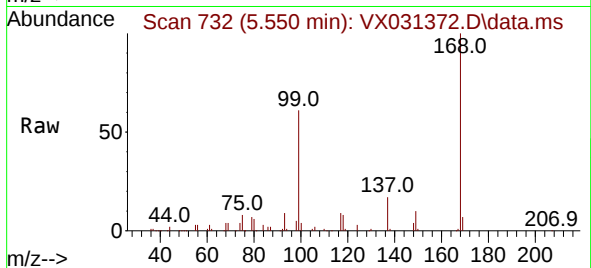
BR-03-117-137-090222

Tgt Ion:168 Resp: 91494

Ion Ratio Lower Upper

168 100

99 60.5 48.8 73.2



#12

1,1-Dichloroethene

Concen: 26.307 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX031372.D

Acq: 15 Sep 2022 22:26

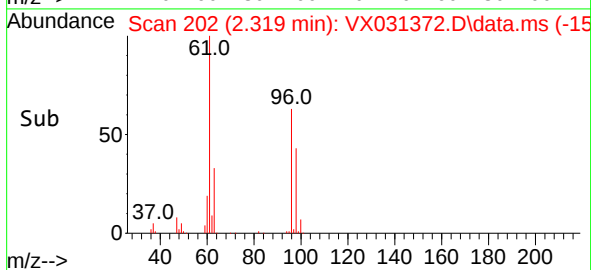
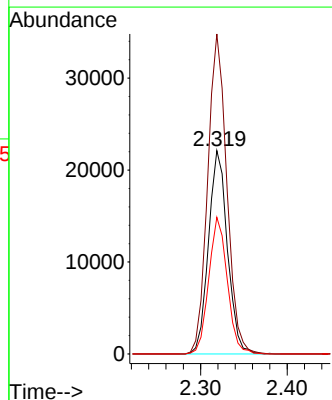
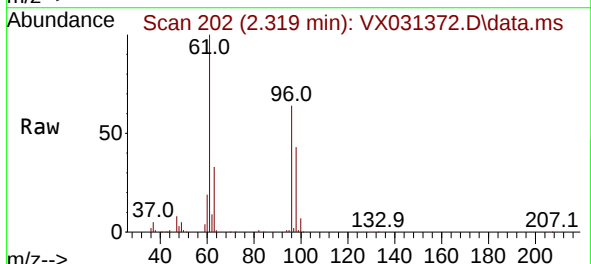
Tgt Ion: 96 Resp: 33605

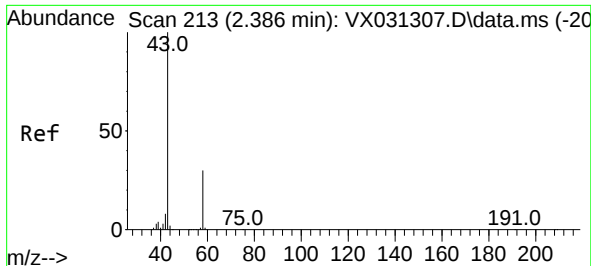
Ion Ratio Lower Upper

96 100

61 157.4 135.3 202.9

98 67.2 49.4 74.2

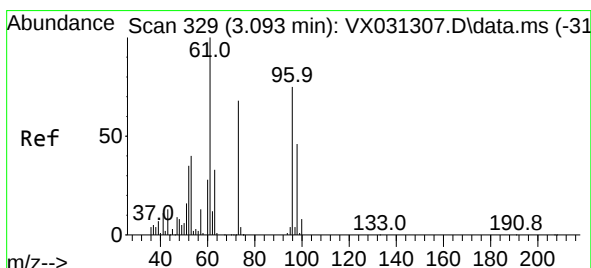
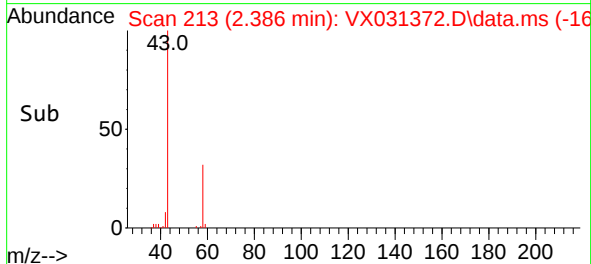
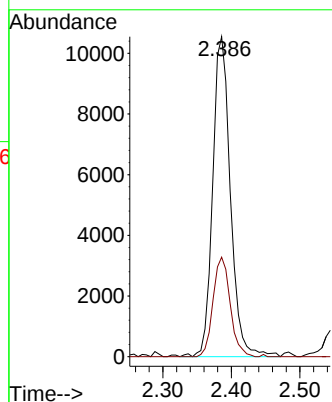
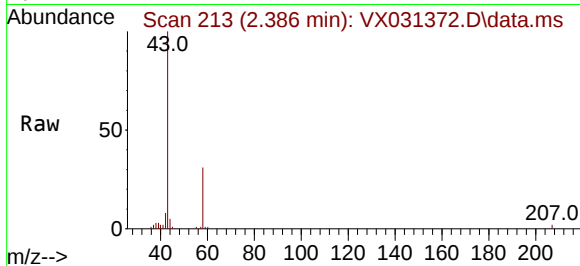




#16
Acetone
Concen: 19.761 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

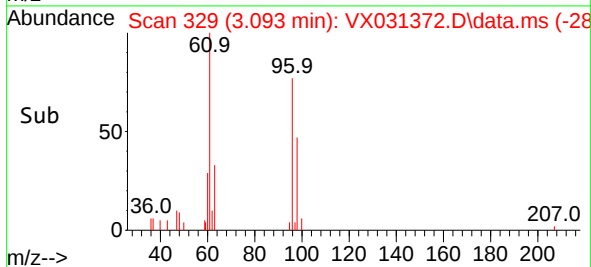
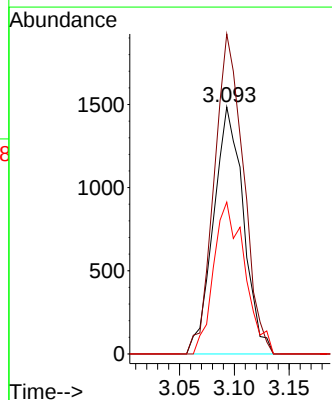
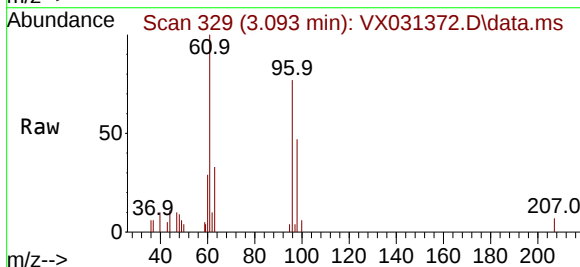
Instrument :
MSVOA_X
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BR-03-117-137-090222

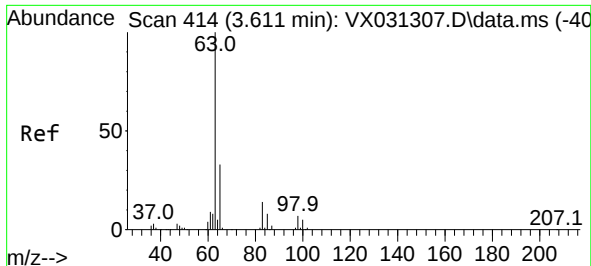
Tgt Ion: 43 Resp: 18945
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.8



#21
trans-1,2-Dichloroethene
Concen: 0.517 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

Tgt Ion: 96 Resp: 2818
Ion Ratio Lower Upper
96 100
61 129.6 106.7 160.1
98 61.5 48.7 73.1

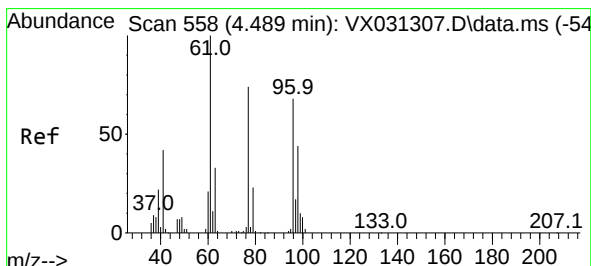
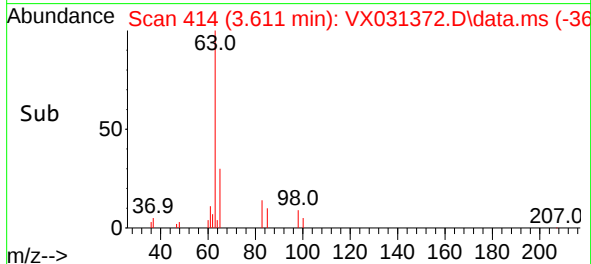
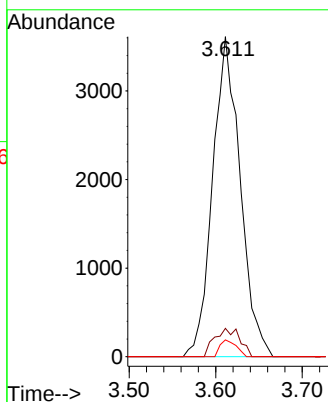
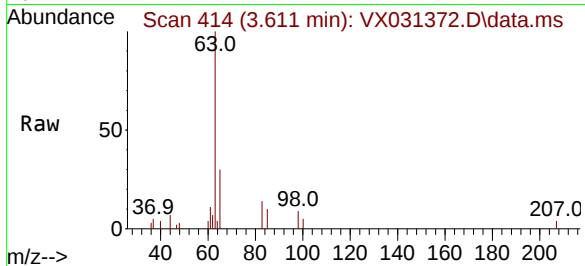




#24
1,1-Dichloroethane
Concen: 2.574 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

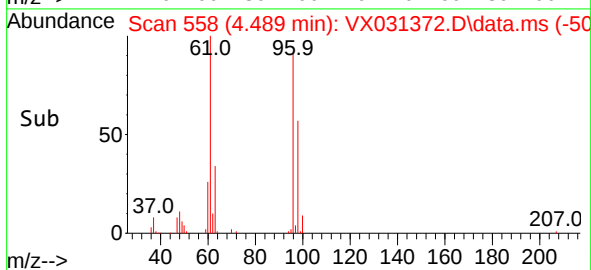
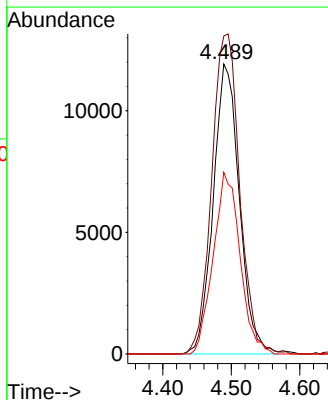
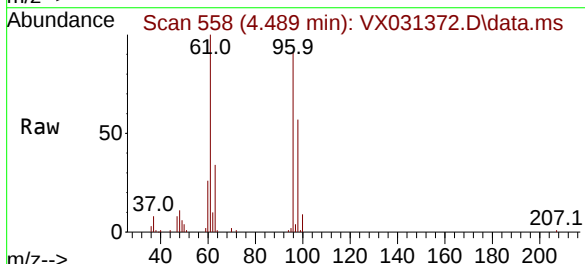
Instrument :
MSVOA_X
ClientSampleId :
BR-03-117-137-090222

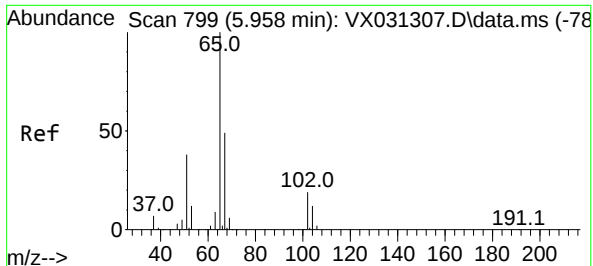
Tgt Ion: 63	Resp: 7976
Ion Ratio	Lower Upper
63 100	
98 8.9	3.5 10.4
100 5.3	2.4 7.2



#27
cis-1,2-Dichloroethene
Concen: 16.757 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

Tgt Ion: 96	Resp: 31529
Ion Ratio	Lower Upper
96 100	
61 118.3	0.0 305.2
98 64.1	0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 43.360 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031372.D

Acq: 15 Sep 2022 22:26

Instrument :

MSVOA_X

ClientSampleId :

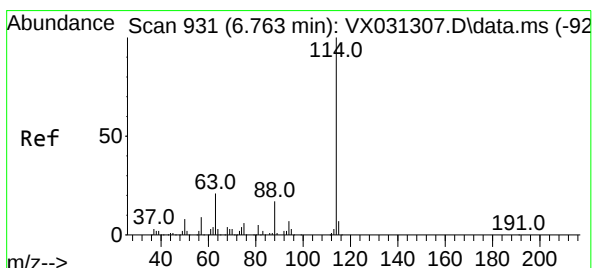
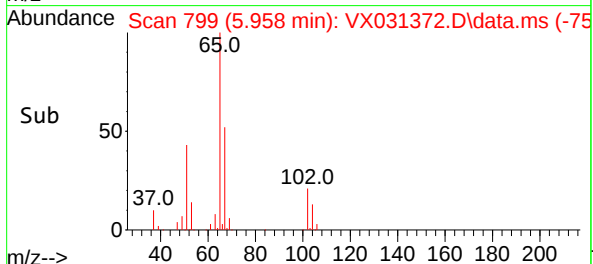
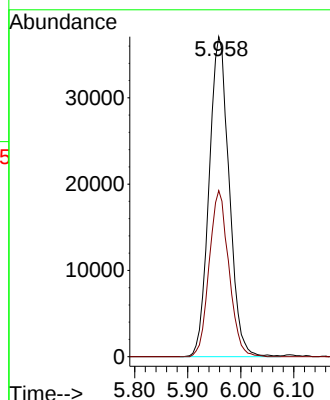
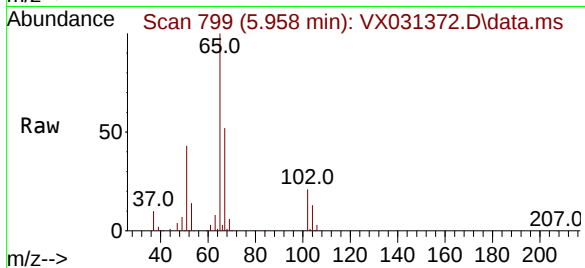
BR-03-117-137-090222

Tgt Ion: 65 Resp: 97377

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031372.D

Acq: 15 Sep 2022 22:26

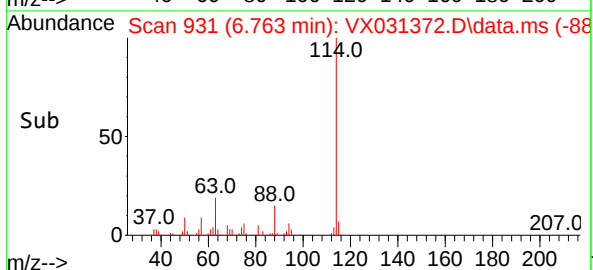
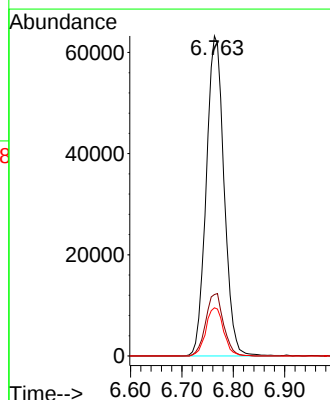
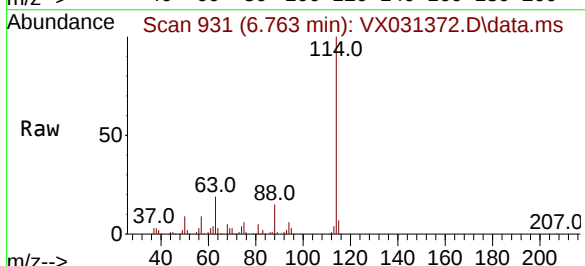
Tgt Ion: 114 Resp: 152020

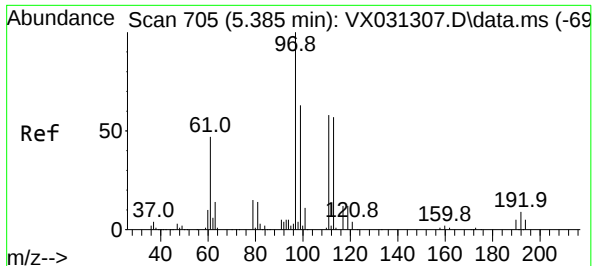
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.492 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031372.D

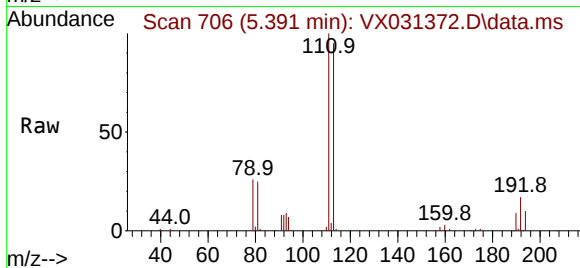
Acq: 15 Sep 2022 22:26

Instrument :

MSVOA_X

ClientSampleId :

BR-03-117-137-090222



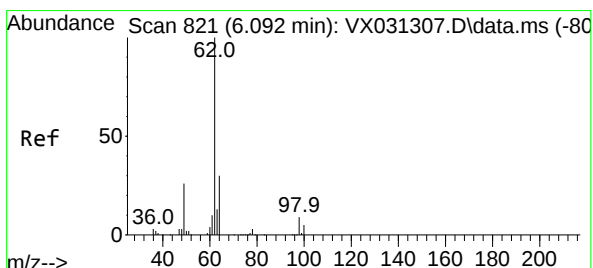
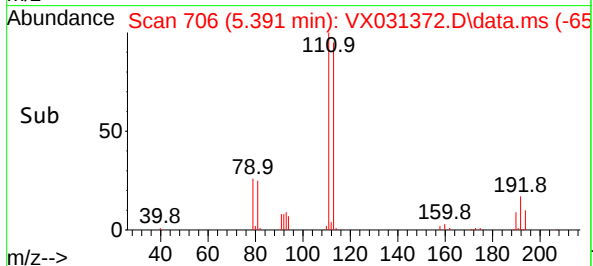
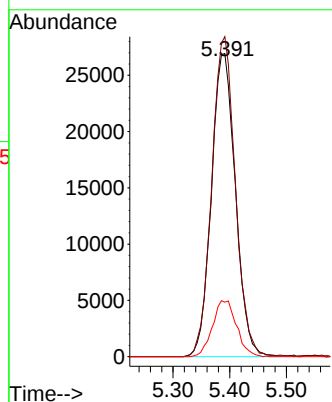
Tgt Ion:113 Resp: 79241

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 18.5 14.1 21.1



#42

1,2-Dichloroethane

Concen: 1.929 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX031372.D

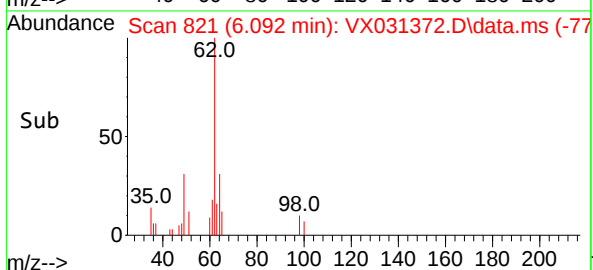
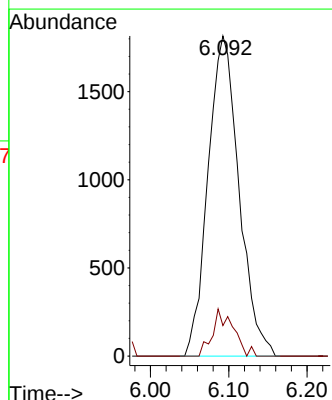
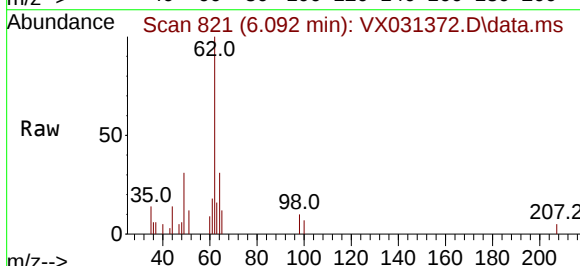
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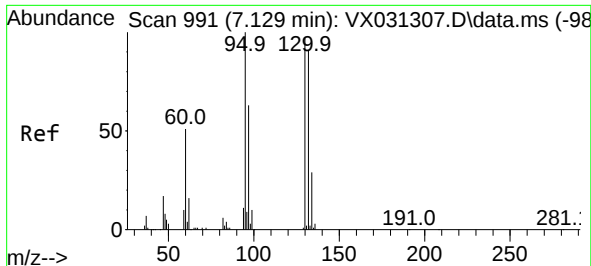
Tgt Ion: 62 Resp: 4997

Ion Ratio Lower Upper

62 100

98 9.9 0.0 17.8

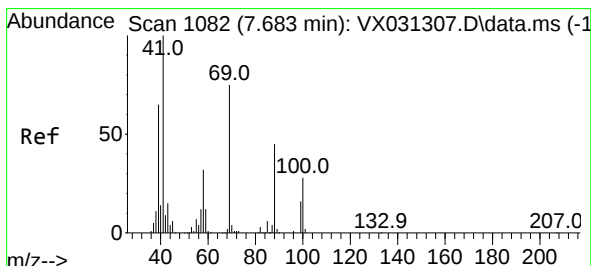
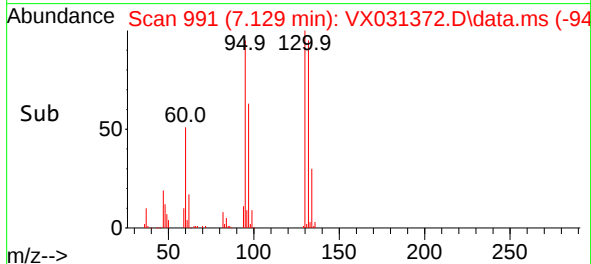
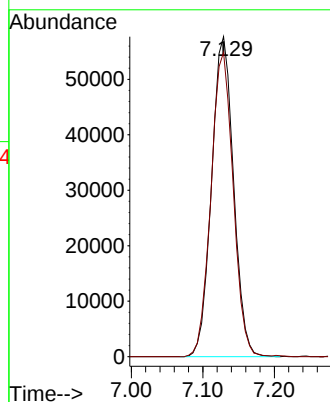
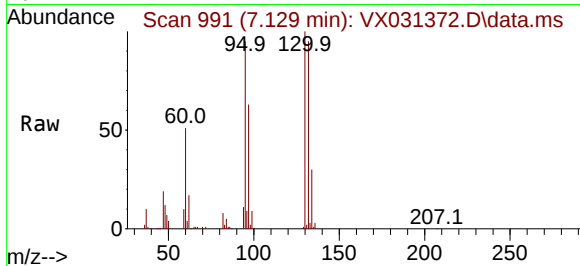




#44
Trichloroethene
Concen: 75.095 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

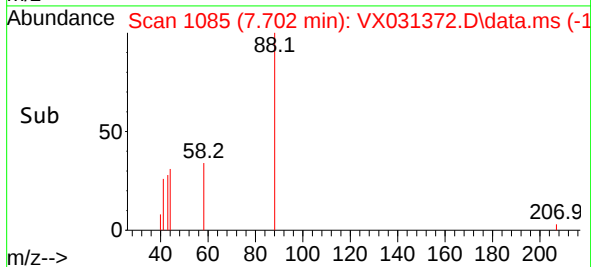
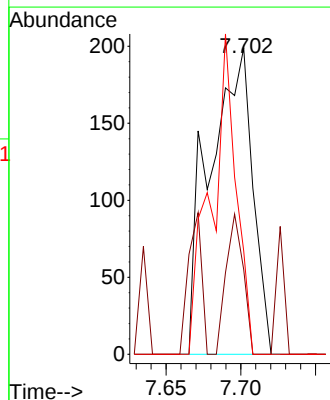
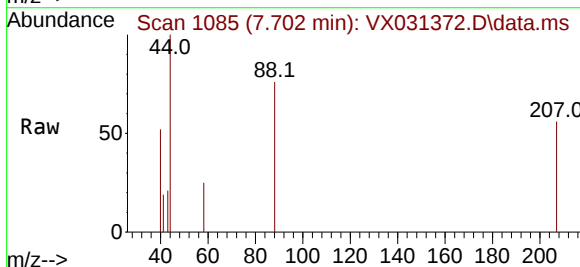
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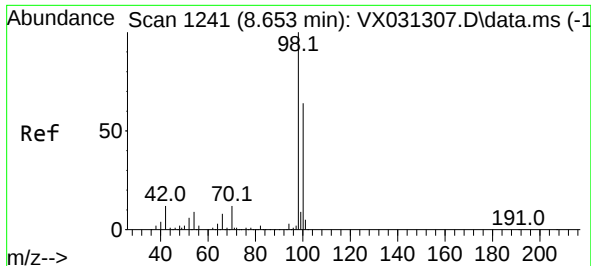
Tgt Ion:130 Resp: 122973
Ion Ratio Lower Upper
130 100
95 95.1 0.0 206.8



#49
1,4-Dioxane
Concen: 8.646 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.019 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

Tgt Ion: 88 Resp: 396
Ion Ratio Lower Upper
88 100
43 18.4 27.1 40.7#
58 61.4 53.9 80.9

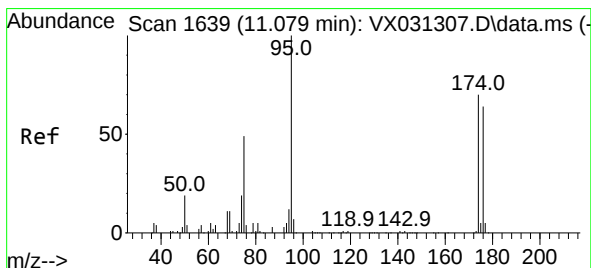
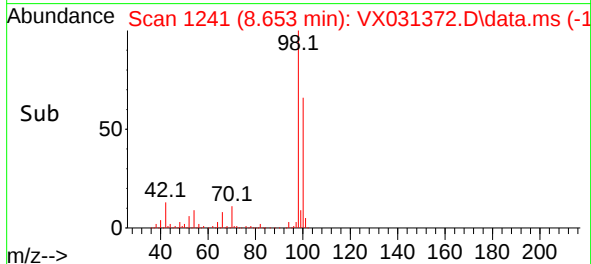
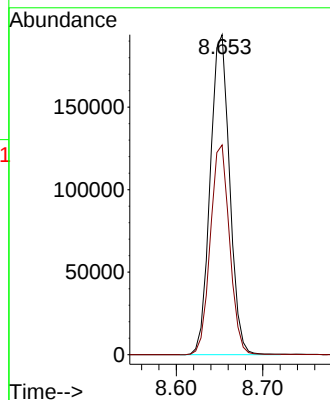
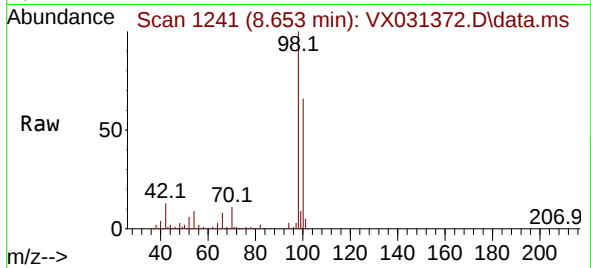




#50
Toluene-d8
Concen: 49.240 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

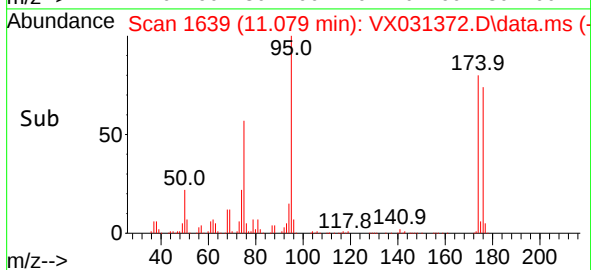
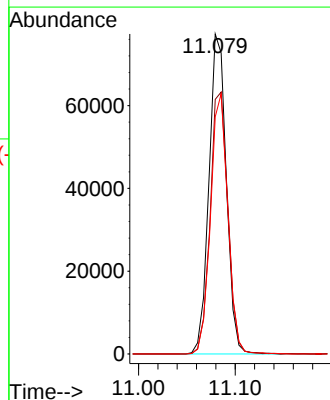
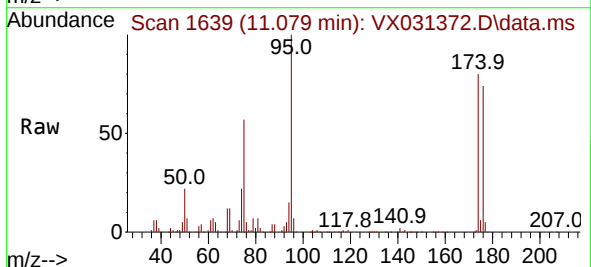
Instrument :
MSVOA_X
ClientSampleId :
BR-03-117-137-090222

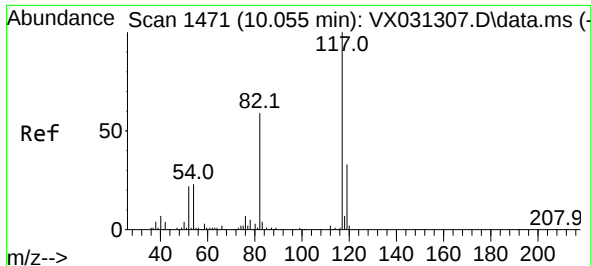
Tgt Ion: 98 Resp: 301829
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

Tgt Ion: 95 Resp: 96416
Ion Ratio Lower Upper
95 100
174 84.0 0.0 153.2
176 81.4 0.0 144.0

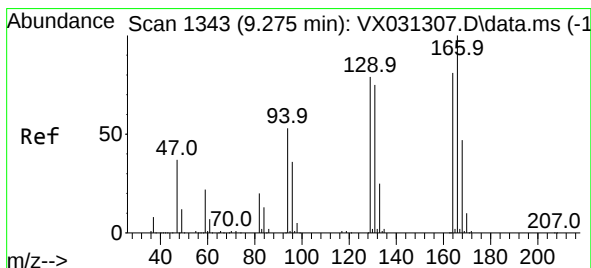
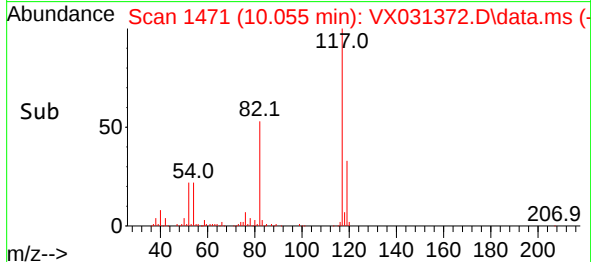
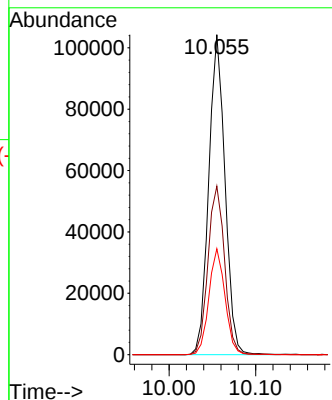
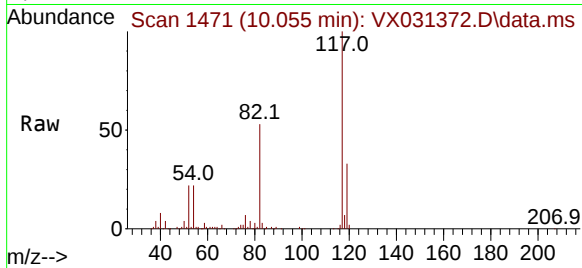




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

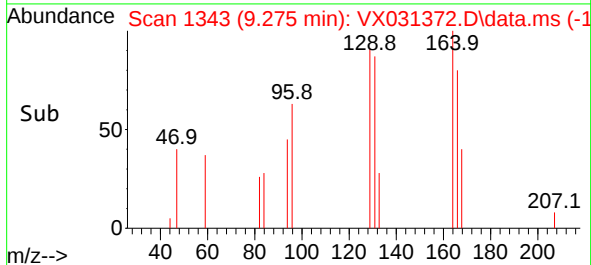
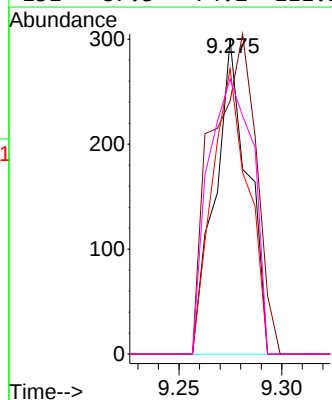
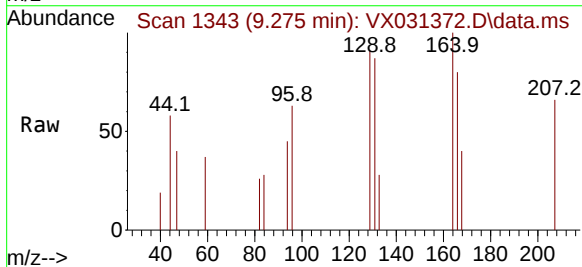
Instrument :
MSVOA_X
ClientSampleId :
BR-03-117-137-090222

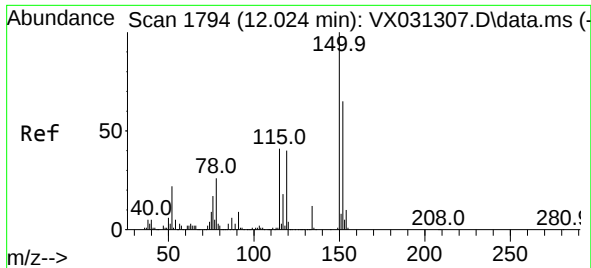
Tgt Ion:	117	Resp:	135721
Ion	Ratio	Lower	Upper
117	100		
82	52.6	46.8	70.2
119	33.1	26.4	39.6



#64
Tetrachloroethene
Concen: 0.268 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031372.D
Acq: 15 Sep 2022 22:26

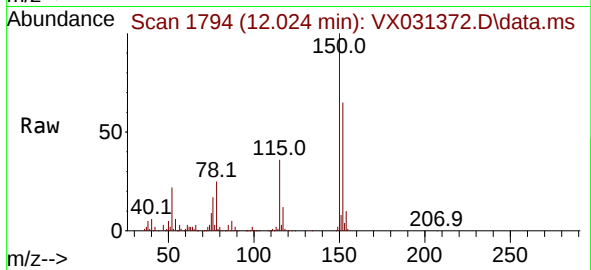
Tgt Ion:	164	Resp:	333
Ion	Ratio	Lower	Upper
164	100		
166	80.3	99.0	148.4#
129	90.7	78.0	117.0
131	87.3	74.2	111.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031372.D
 Acq: 15 Sep 2022 22:26

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



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	43.4	130.1
150	157.1	0.0	346.8

