

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037339.D
 Acq On : 29 Aug 2023 14:02
 Operator : JC/MD
 Sample : 04207-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-05-135-082823-H

Quant Time: Aug 30 02:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

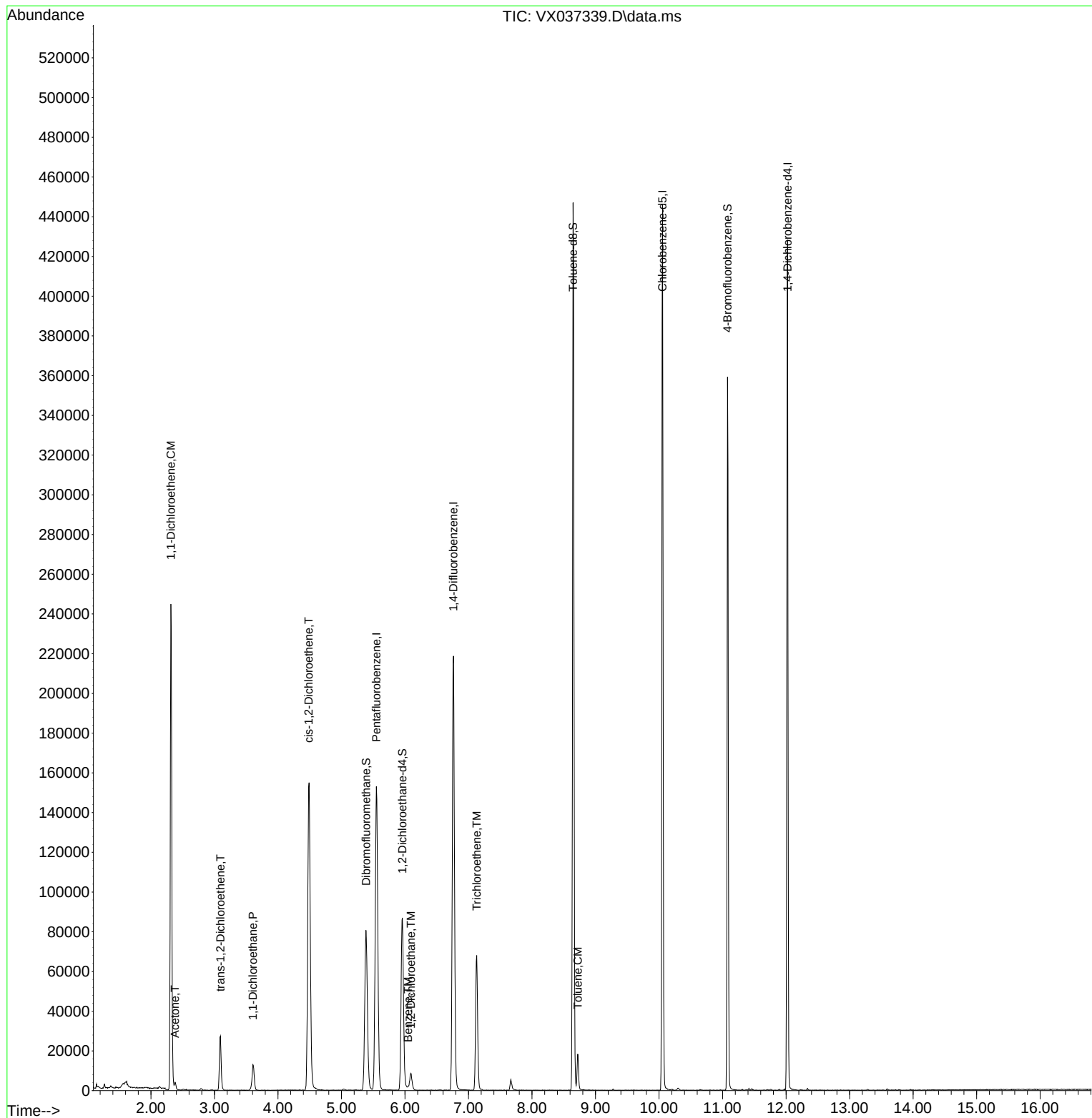
Internal Standards						
1) Pentafluorobenzene	5.550	168	143623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86799	41.920	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.840%
35) Dibromofluoromethane	5.385	113	71280	46.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.040%
50) Toluene-d8	8.647	98	272662	48.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	99678	45.144	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.280%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.312	96	85173	57.609	ug/l	87
16) Acetone	2.379	43	3712	4.583	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	11909	7.086	ug/l	87
24) 1,1-Dichloroethane	3.605	63	14234	4.834	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	105630	53.313	ug/l	79
40) Benzene	6.050	78	1764	0.280	ug/l	97
42) 1,2-Dichloroethane	6.092	62	9944	4.018	ug/l	94
44) Trichloroethene	7.129	130	28104	15.704	ug/l	88
52) Toluene	8.720	92	7195	1.725	ug/l	95

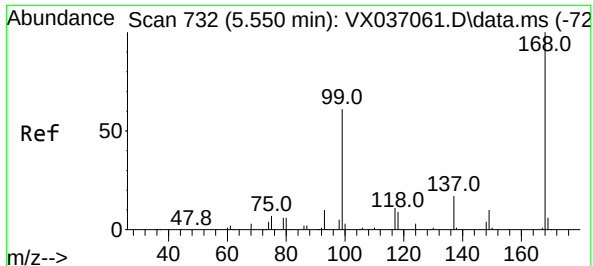
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

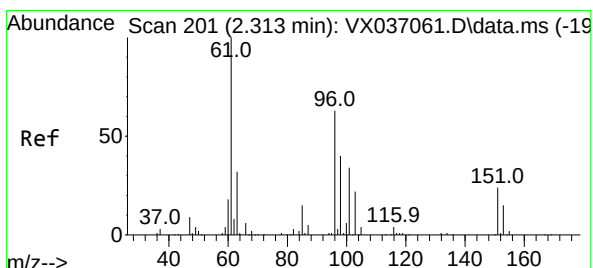
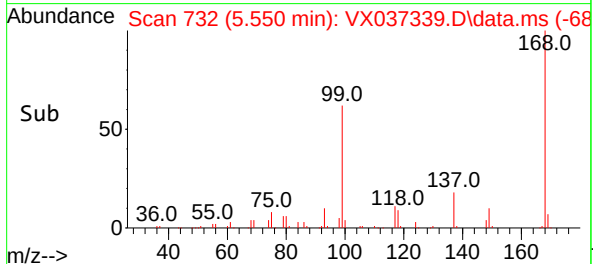
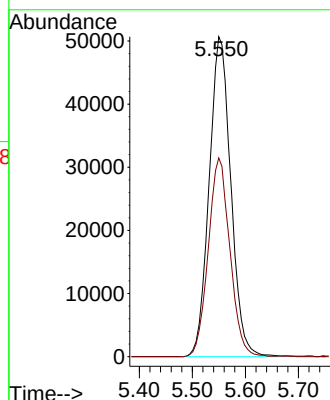
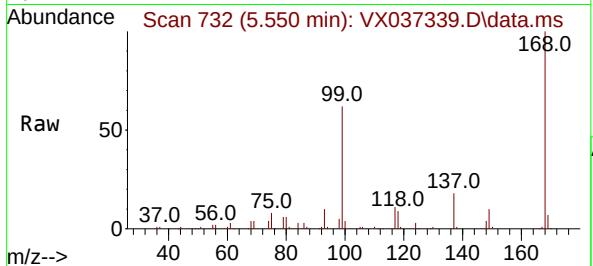




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037339.D
Acq: 29 Aug 2023 14:02

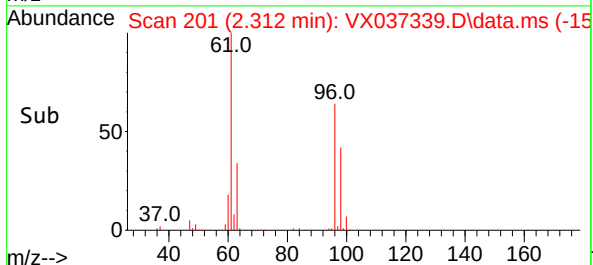
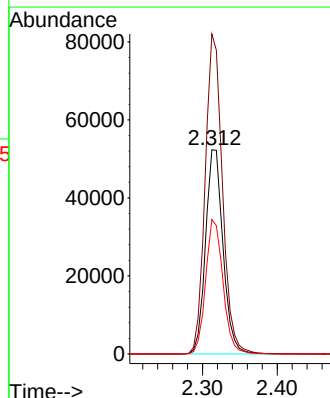
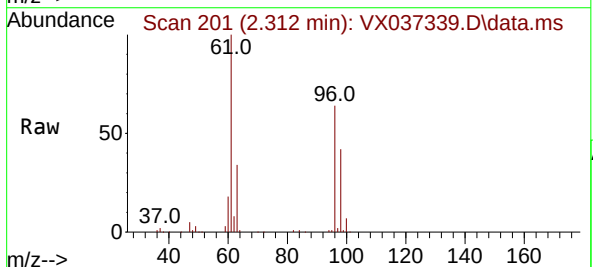
Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-082823-H

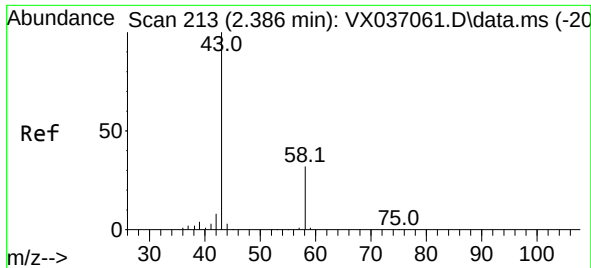
Tgt Ion:168 Resp: 143623
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#12
1,1-Dichloroethene
Concen: 57.609 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037339.D
Acq: 29 Aug 2023 14:02

Tgt Ion: 96 Resp: 85173
Ion Ratio Lower Upper
96 100
61 156.8 144.6 216.8
98 65.8 50.4 75.6





#16

Acetone

Concen: 4.583 ug/l

RT: 2.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX037339.D

Acq: 29 Aug 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

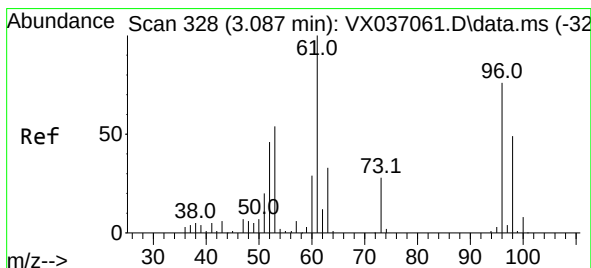
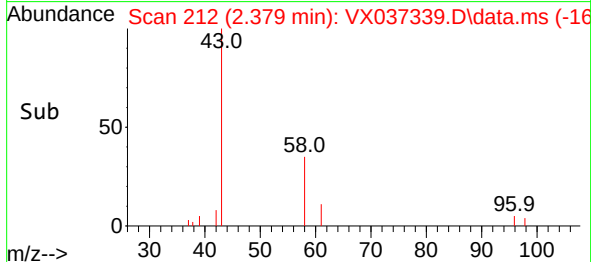
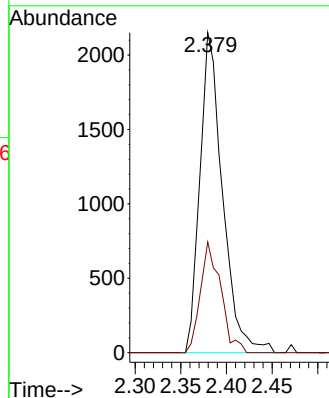
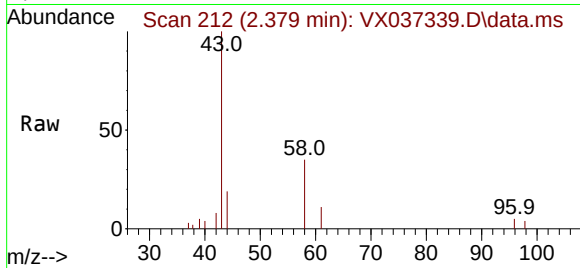
OWBR-05-135-082823-H

Tgt Ion: 43 Resp: 3712

Ion Ratio Lower Upper

43 100

58 34.6 21.9 32.9#



#21

trans-1,2-Dichloroethene

Concen: 7.086 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX037339.D

Acq: 29 Aug 2023 14:02

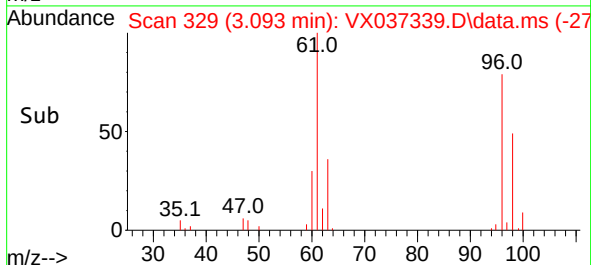
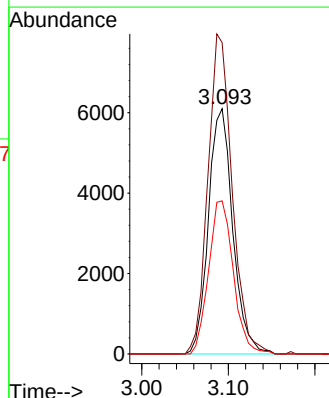
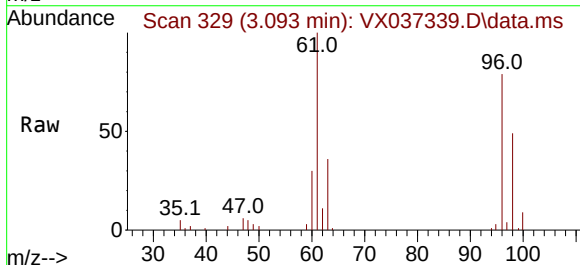
Tgt Ion: 96 Resp: 11909

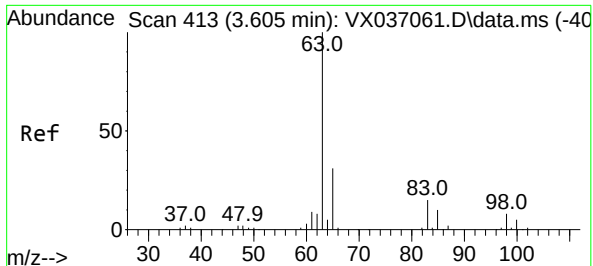
Ion Ratio Lower Upper

96 100

61 126.9 119.2 178.8

98 62.4 48.7 73.1

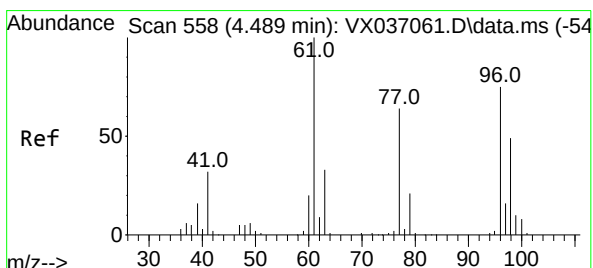
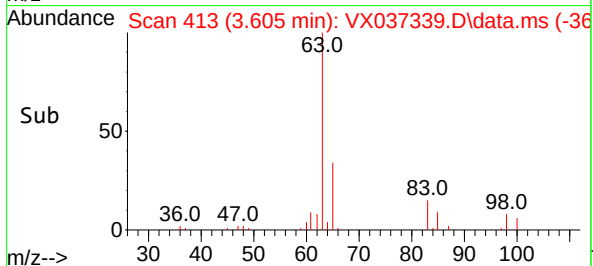
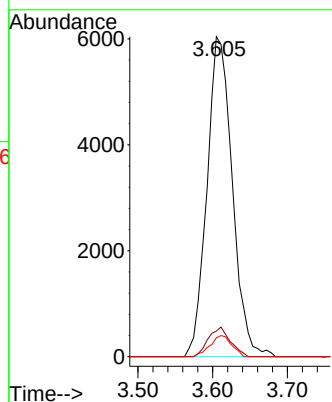
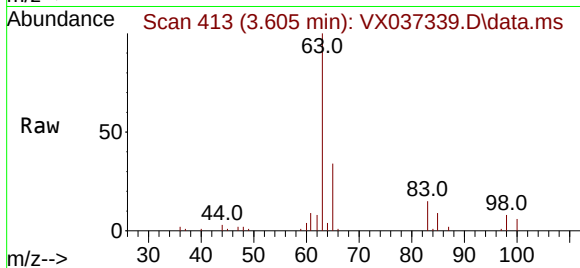




#24
 1,1-Dichloroethane
 Concen: 4.834 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037339.D
 Acq: 29 Aug 2023 14:02

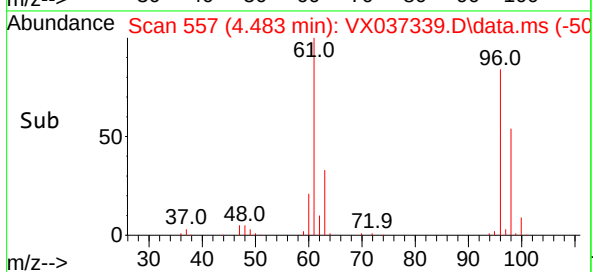
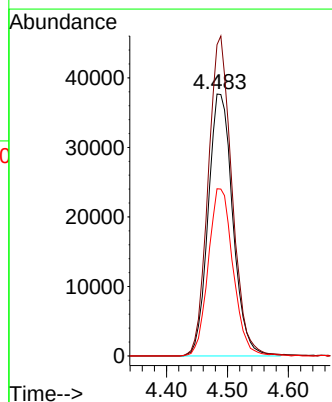
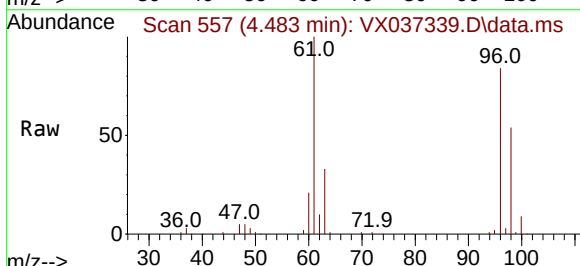
Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-05-135-082823-H

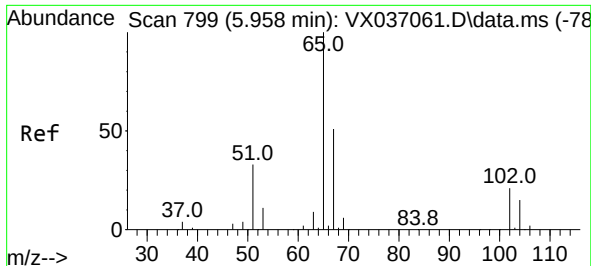
Tgt Ion:	63	Resp:	14234
Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.3	9.8
100	5.9	2.1	6.5



#27
 cis-1,2-Dichloroethene
 Concen: 53.313 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX037339.D
 Acq: 29 Aug 2023 14:02

Tgt Ion:	96	Resp:	105630
Ion	Ratio	Lower	Upper
96	100		
61	118.4	0.0	312.2
98	64.5	0.0	129.0





#33

1,2-Dichloroethane-d4

Concen: 41.920 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037339.D

Acq: 29 Aug 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

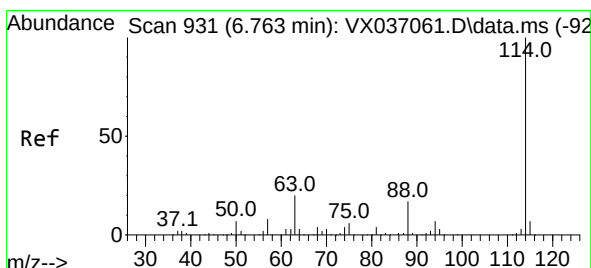
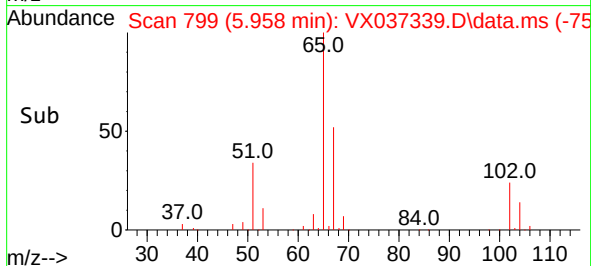
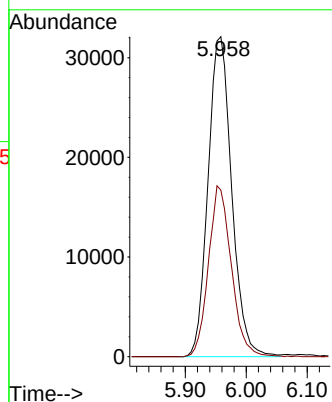
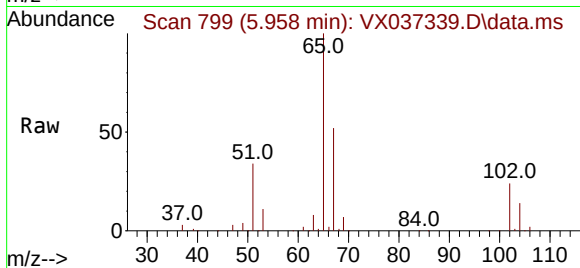
OWBR-05-135-082823-H

Tgt Ion: 65 Resp: 86799

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037339.D

Acq: 29 Aug 2023 14:02

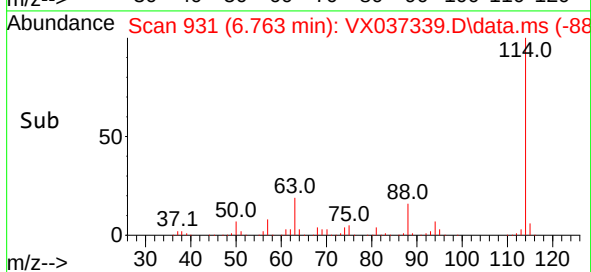
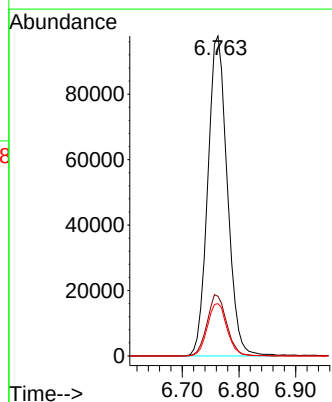
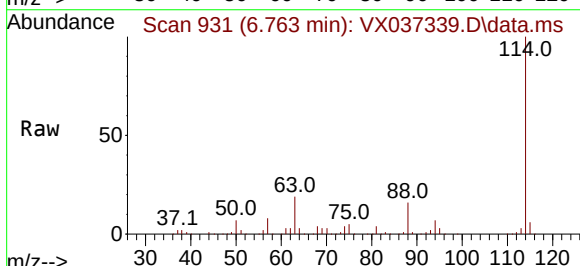
Tgt Ion: 114 Resp: 233876

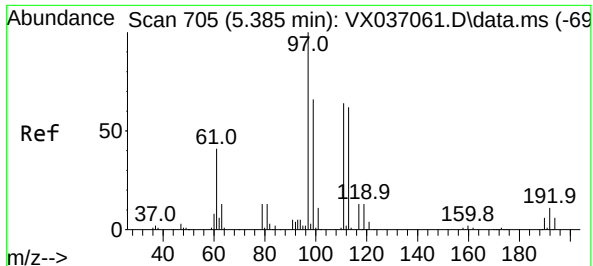
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 16.3 0.0 36.6

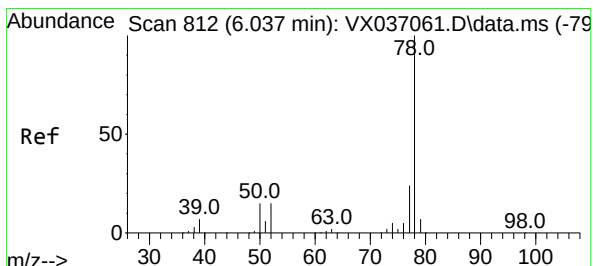
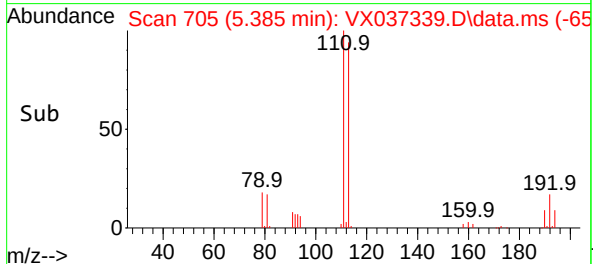
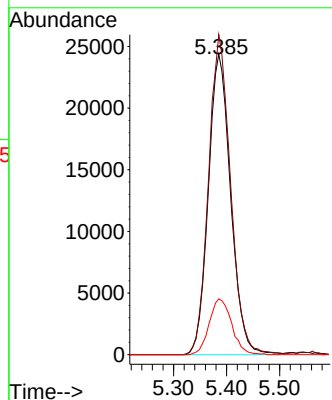
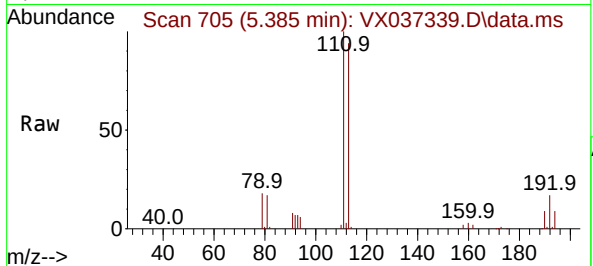




#35
Dibromofluoromethane
Concen: 46.020 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037339.D
Acq: 29 Aug 2023 14:02

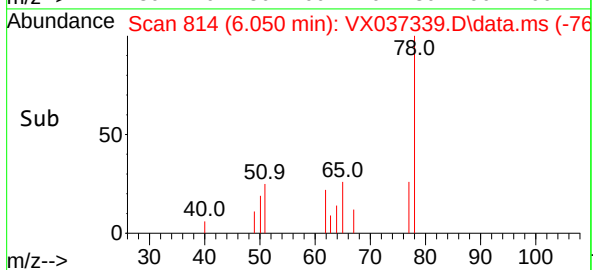
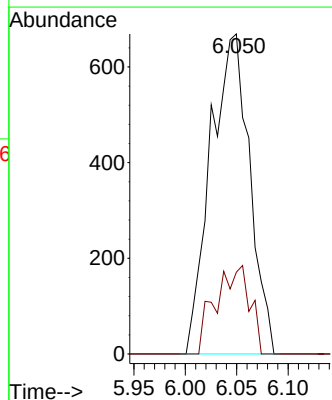
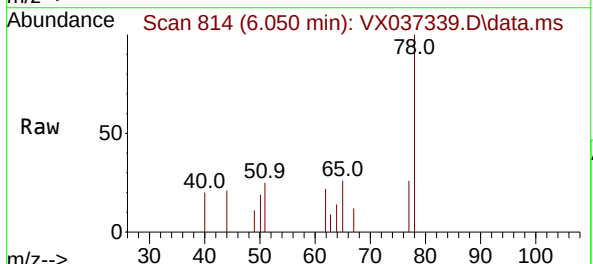
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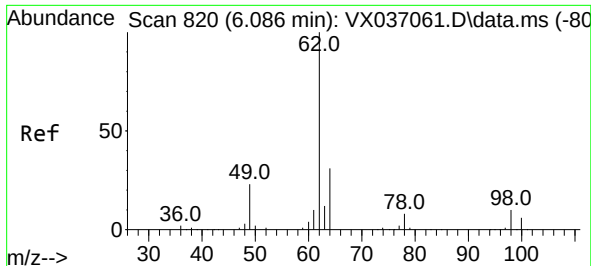
Tgt Ion:113 Resp: 71280
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 18.7 13.3 19.9



#40
Benzene
Concen: 0.280 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX037339.D
Acq: 29 Aug 2023 14:02

Tgt Ion: 78 Resp: 1764
Ion Ratio Lower Upper
78 100
77 25.6 19.3 28.9





#42

1,2-Dichloroethane

Concen: 4.018 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX037339.D

Acq: 29 Aug 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

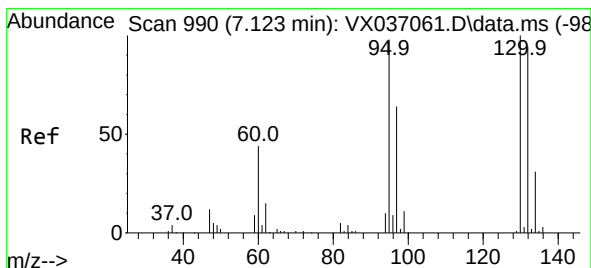
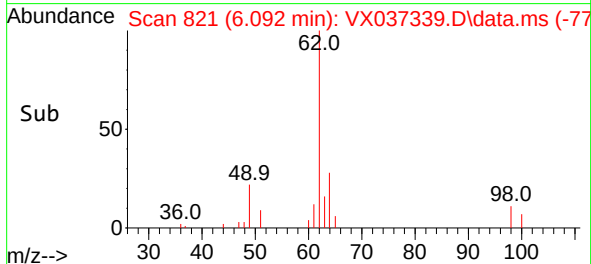
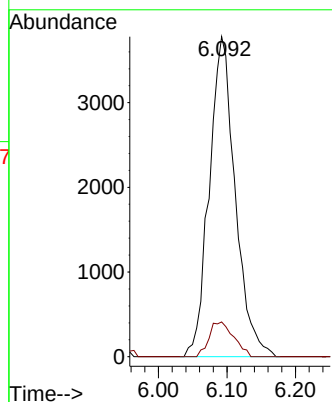
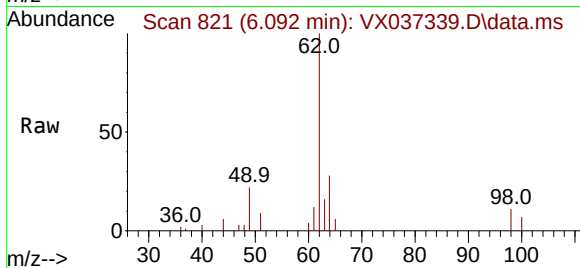
OWBR-05-135-082823-H

Tgt Ion: 62 Resp: 9944

Ion Ratio Lower Upper

62 100

98 10.3 0.0 16.0



#44

Trichloroethene

Concen: 15.704 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037339.D

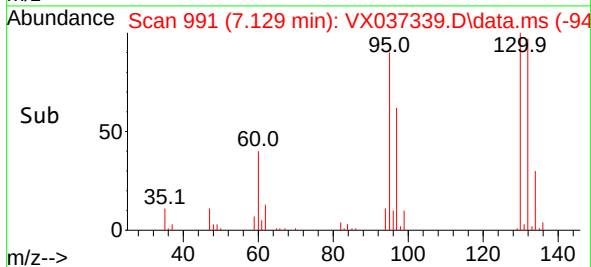
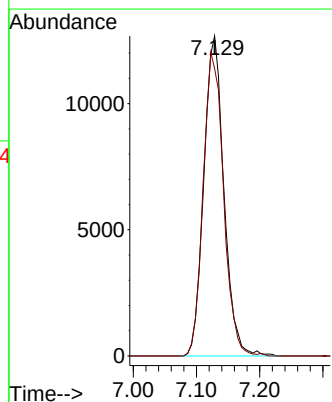
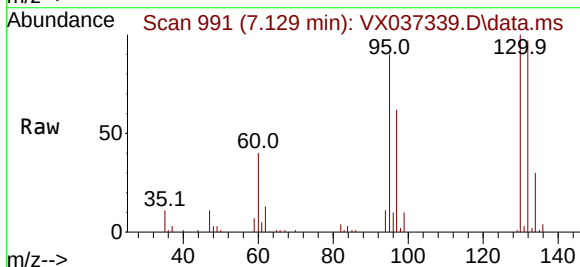
Acq: 29 Aug 2023 14:02

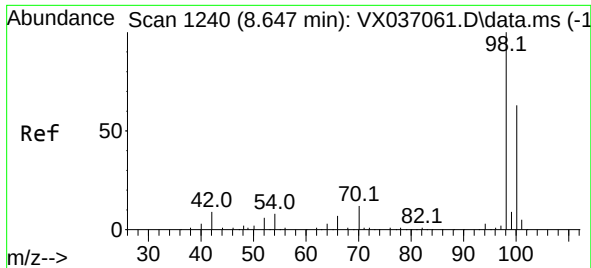
Tgt Ion:130 Resp: 28104

Ion Ratio Lower Upper

130 100

95 89.8 0.0 204.4

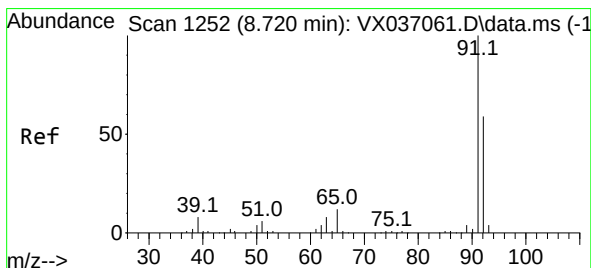
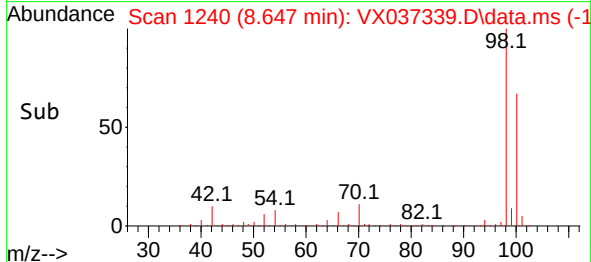
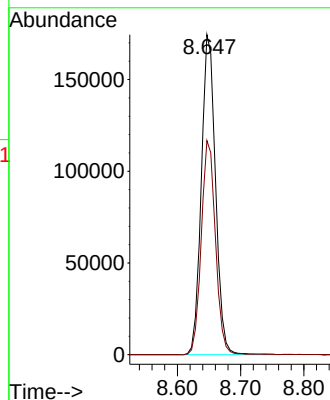
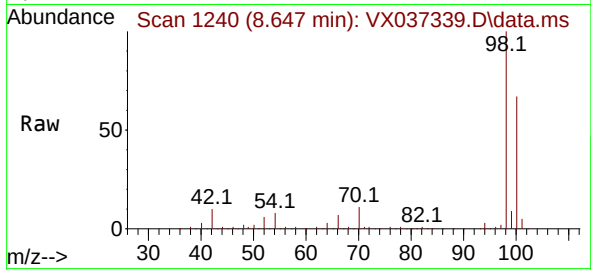




#50
Toluene-d8
Concen: 48.530 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037339.D
Acq: 29 Aug 2023 14:02

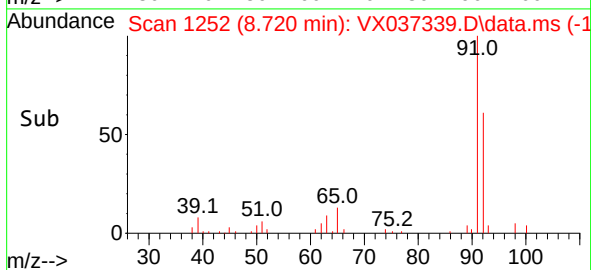
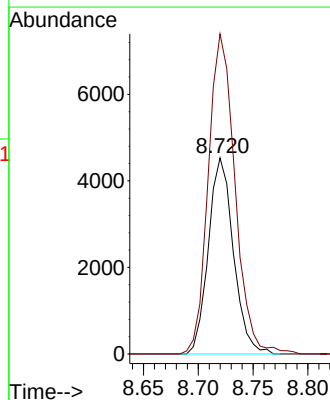
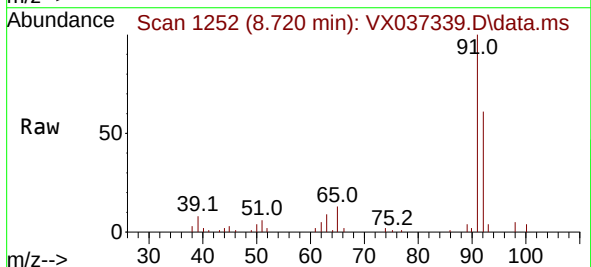
Instrument :
MSVOA_X
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OWBR-05-135-082823-H

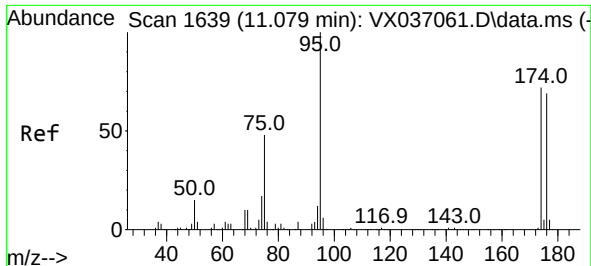
Tgt Ion: 98 Resp: 272662
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#52
Toluene
Concen: 1.725 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037339.D
Acq: 29 Aug 2023 14:02

Tgt Ion: 92 Resp: 7195
Ion Ratio Lower Upper
92 100
91 174.3 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 45.144 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037339.D

Acq: 29 Aug 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

OWBR-05-135-082823-H

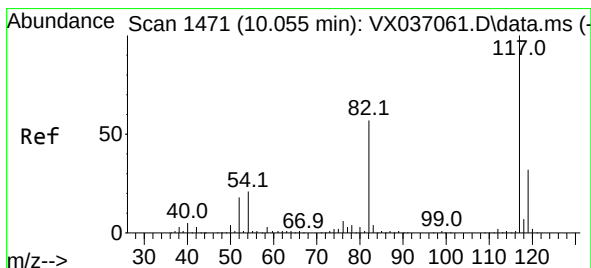
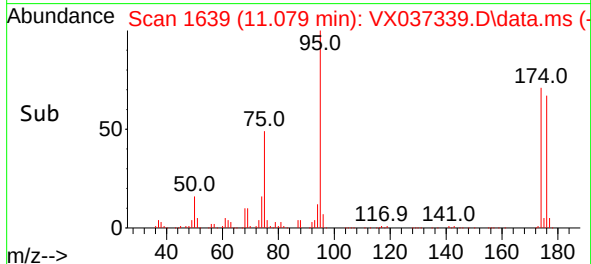
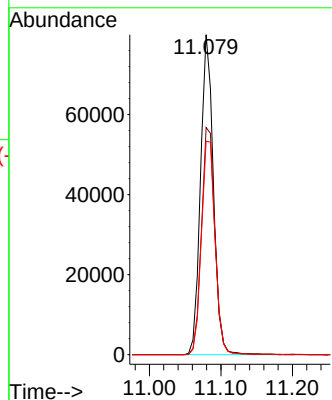
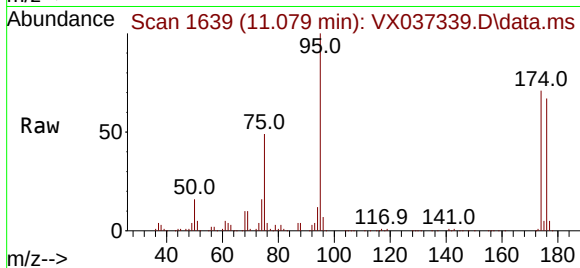
Tgt Ion: 95 Resp: 99678

Ion Ratio Lower Upper

95 100

174 74.6 0.0 135.6

176 71.2 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037339.D

Acq: 29 Aug 2023 14:02

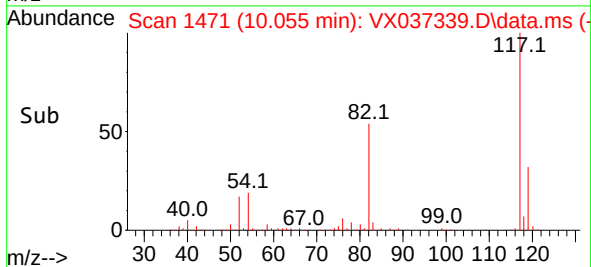
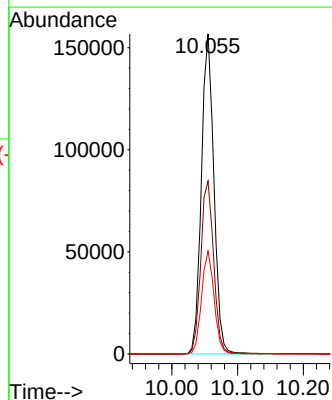
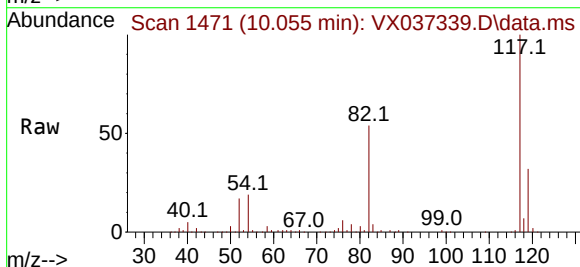
Tgt Ion: 117 Resp: 207349

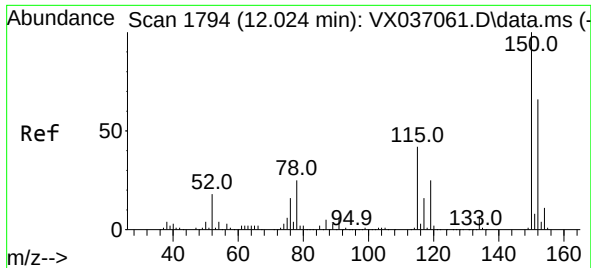
Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

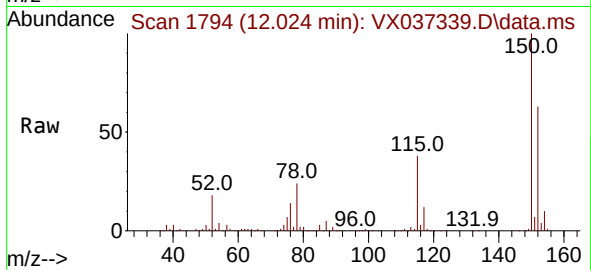
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037339.D
 Acq: 29 Aug 2023 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-05-135-082823-H



Tgt Ion:152 Resp: 91970
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.3 129.9
 150 158.7 0.0 345.0

