

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037446.D
 Acq On : 31 Aug 2023 21:32
 Operator : JC/MD
 Sample : 04251-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-05-135-083023-3V

Quant Time: Sep 01 03:18:00 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)

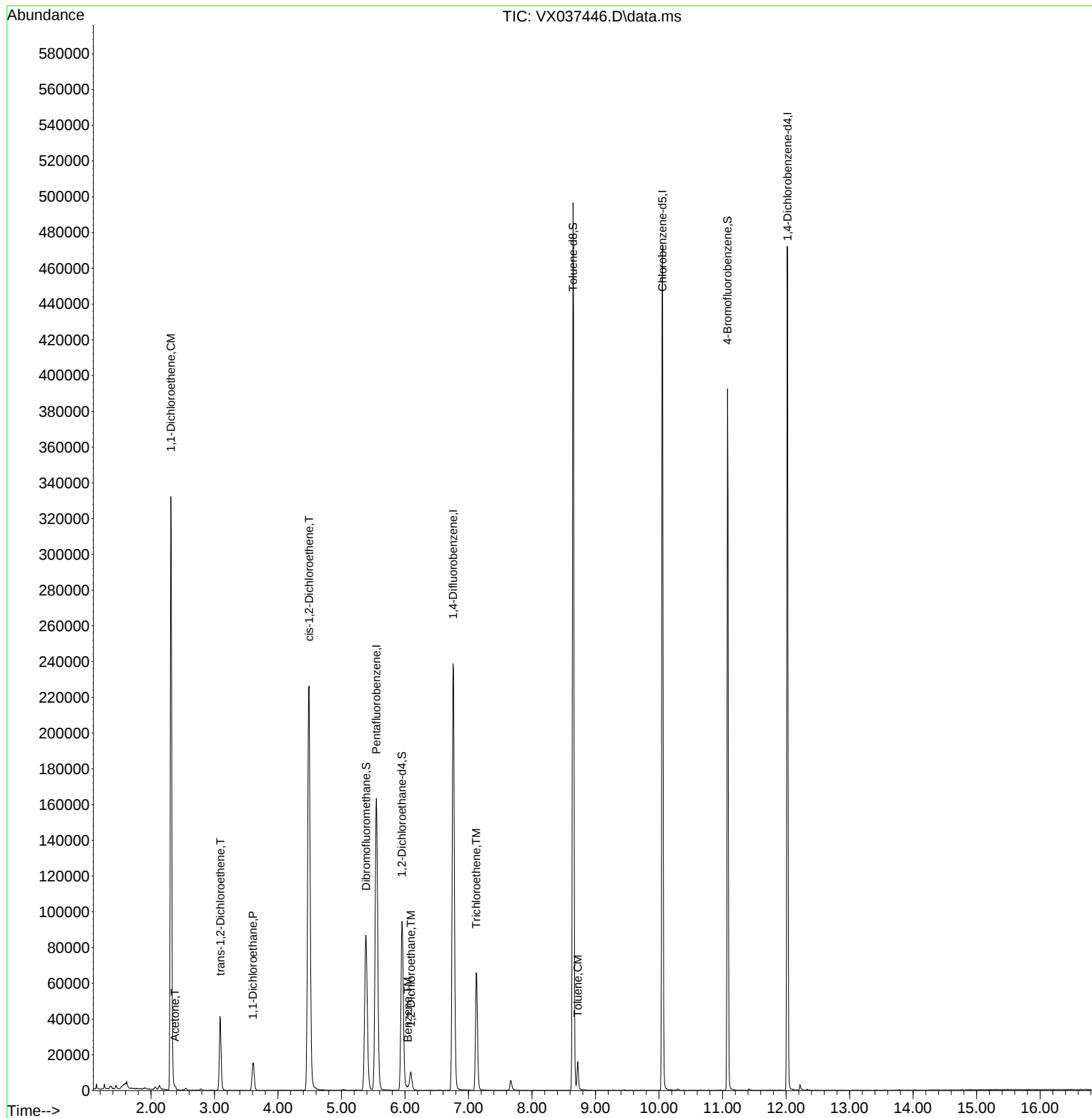
Internal Standards						
1) Pentafluorobenzene	5.550	168	155136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94436	42.224	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.440%
35) Dibromofluoromethane	5.385	113	78477	46.355	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	8.647	98	301858	49.155	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	108256	44.858	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.720%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	115319	72.211	ug/l	87
16) Acetone	2.380	43	2159	2.468	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	18098	9.969	ug/l #	82
24) 1,1-Dichloroethane	3.605	63	17700	5.565	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	153455	71.702	ug/l	79
40) Benzene	6.044	78	2224	0.322	ug/l	98
42) 1,2-Dichloroethane	6.092	62	11718	4.332	ug/l	91
44) Trichloroethene	7.123	130	26215	13.402	ug/l	95
52) Toluene	8.720	92	6314	1.385	ug/l	99

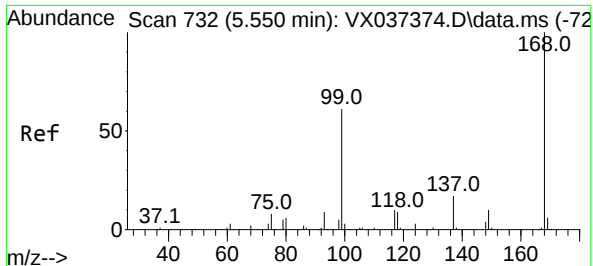
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
Data File : VX037446.D
Acq On : 31 Aug 2023 21:32
Operator : JC/MD
Sample : 04251-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-083023-3V

Quant Time: Sep 01 03:18:00 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

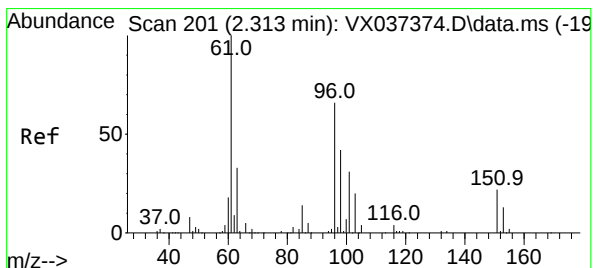
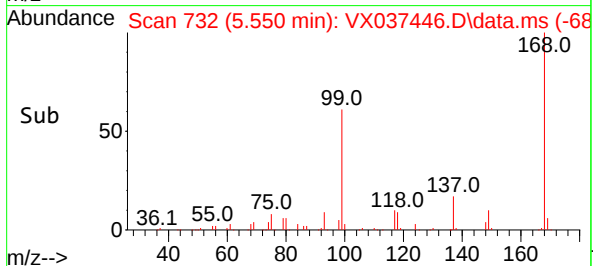
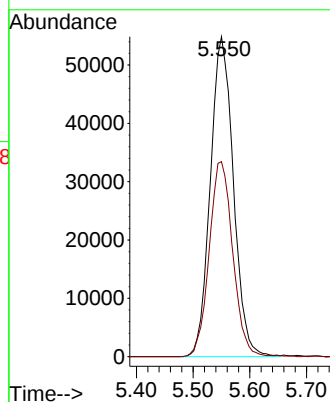
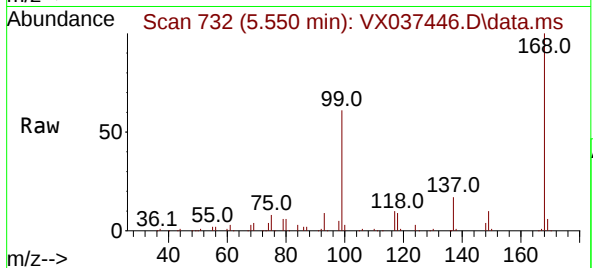




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037446.D
Acq: 31 Aug 2023 21:32

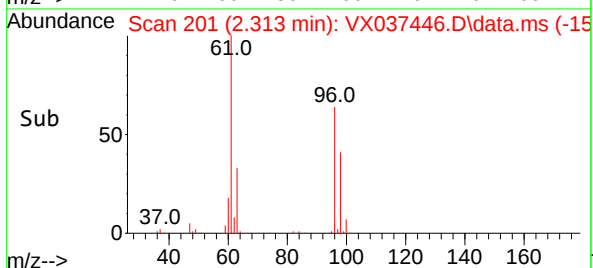
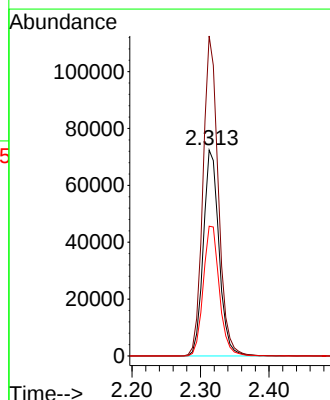
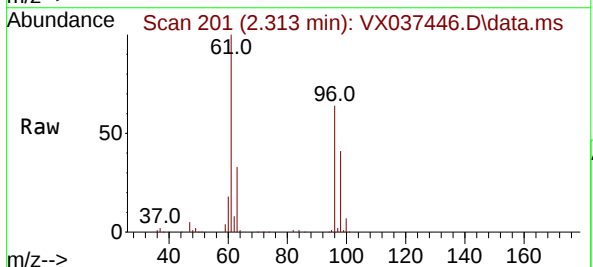
Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-083023-3V

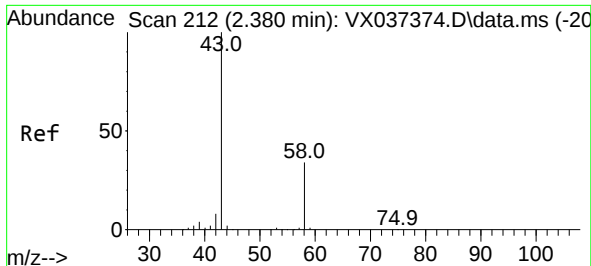
Tgt Ion:168 Resp: 155136
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#12
1,1-Dichloroethene
Concen: 72.211 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037446.D
Acq: 31 Aug 2023 21:32

Tgt Ion: 96 Resp: 115319
Ion Ratio Lower Upper
96 100
61 155.4 144.6 216.8
98 63.0 50.4 75.6





#16

Acetone

Concen: 2.468 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX037446.D

Acq: 31 Aug 2023 21:32

Instrument :

MSVOA_X

ClientSampleId :

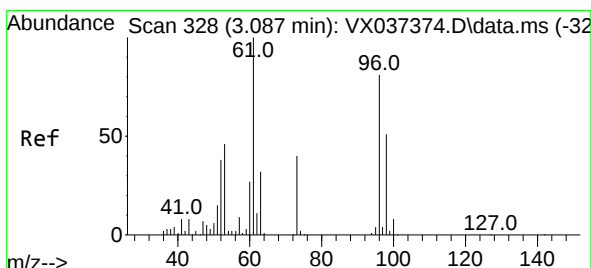
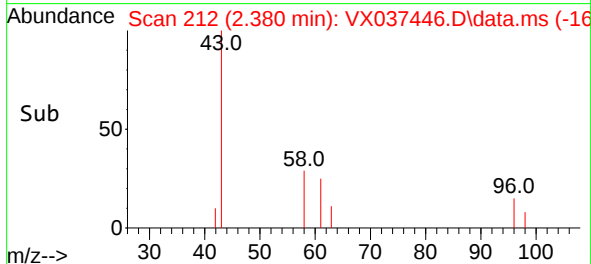
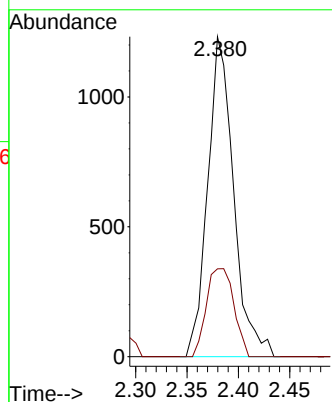
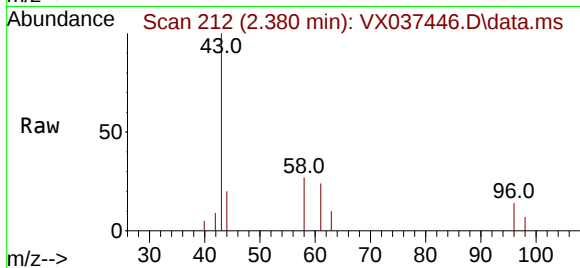
OWBR-05-135-083023-3V

Tgt Ion: 43 Resp: 2159

Ion Ratio Lower Upper

43 100

58 27.4 21.9 32.9



#21

trans-1,2-Dichloroethene

Concen: 9.969 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX037446.D

Acq: 31 Aug 2023 21:32

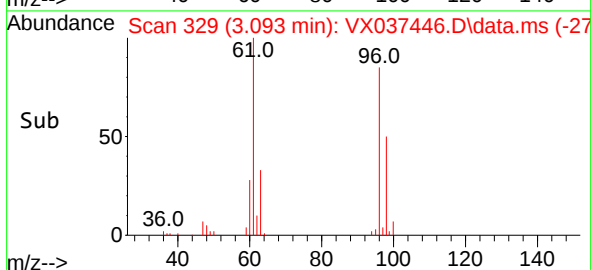
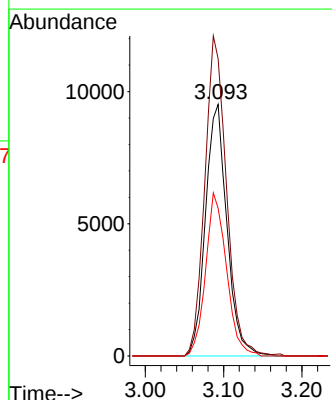
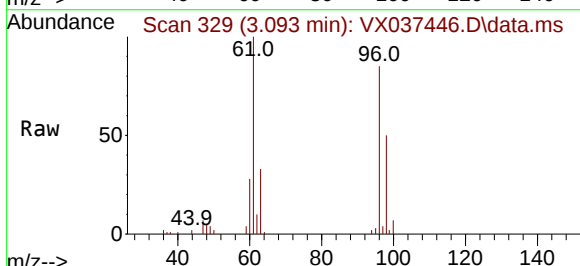
Tgt Ion: 96 Resp: 18098

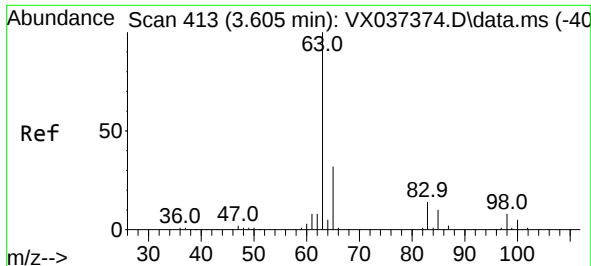
Ion Ratio Lower Upper

96 100

61 118.2 119.2 178.8#

98 58.7 48.7 73.1

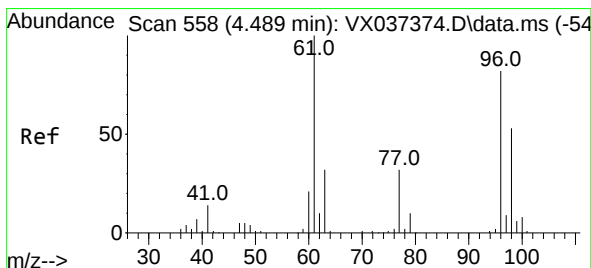
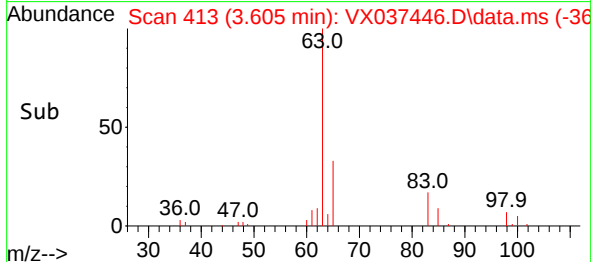
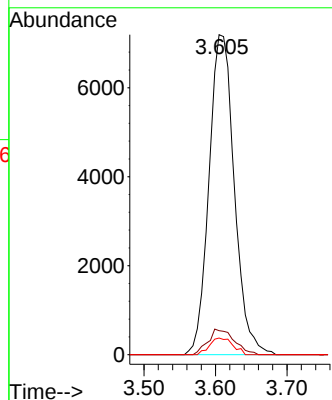
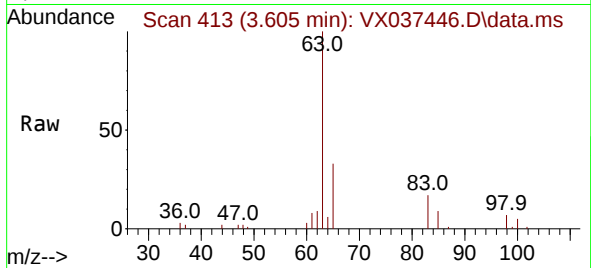




#24
 1,1-Dichloroethane
 Concen: 5.565 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037446.D
 Acq: 31 Aug 2023 21:32

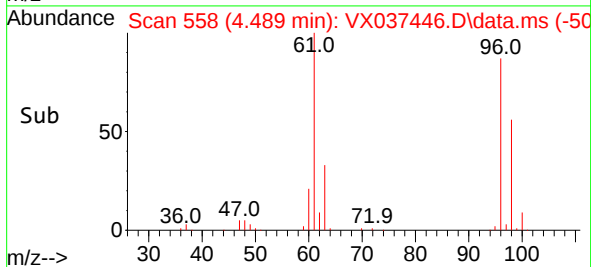
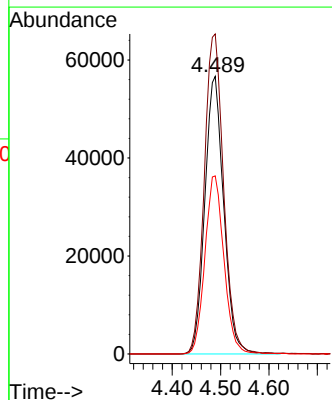
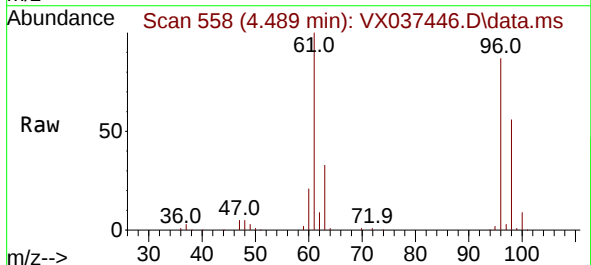
Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-05-135-083023-3V

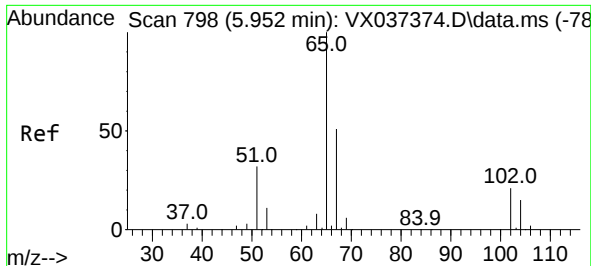
Tgt Ion: 63	Resp: 17700
Ion Ratio	Lower Upper
63 100	
98 7.5	3.3 9.8
100 5.2	2.1 6.5



#27
 cis-1,2-Dichloroethene
 Concen: 71.702 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX037446.D
 Acq: 31 Aug 2023 21:32

Tgt Ion: 96	Resp: 153455
Ion Ratio	Lower Upper
96 100	
61 118.2	0.0 312.2
98 64.8	0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 42.224 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037446.D

Acq: 31 Aug 2023 21:32

Instrument :

MSVOA_X

ClientSampleId :

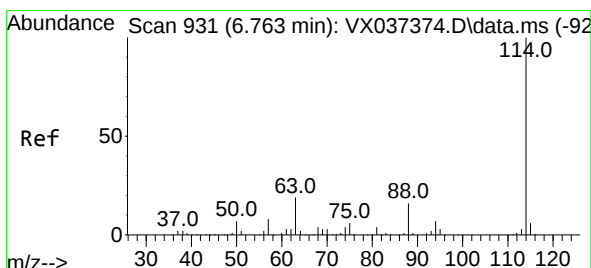
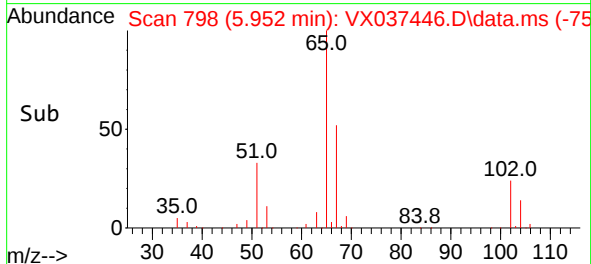
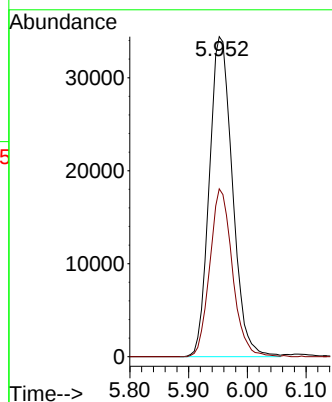
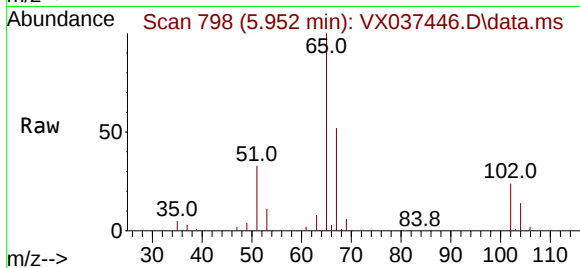
OWBR-05-135-083023-3V

Tgt Ion: 65 Resp: 94436

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037446.D

Acq: 31 Aug 2023 21:32

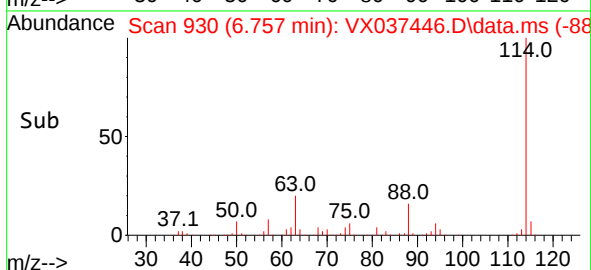
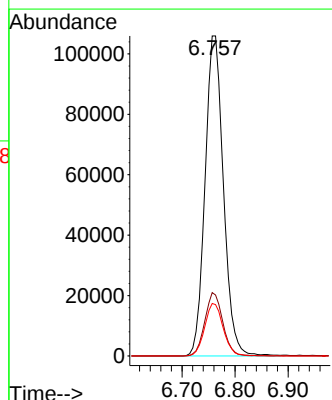
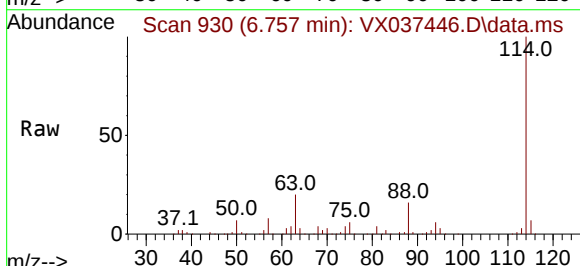
Tgt Ion: 114 Resp: 255627

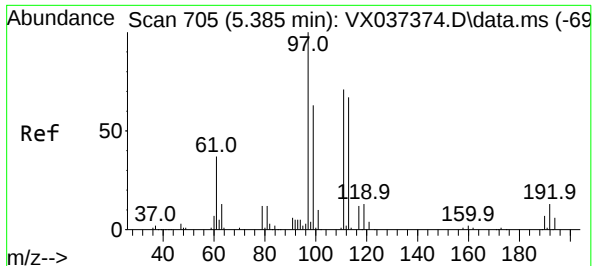
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.355 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037446.D

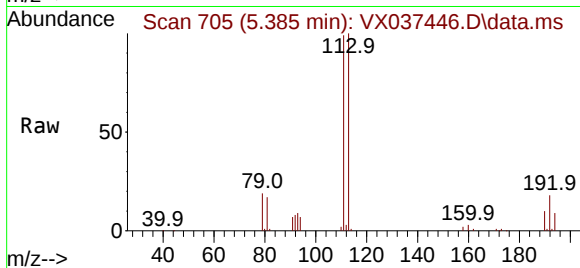
Acq: 31 Aug 2023 21:32

Instrument :

MSVOA_X

ClientSampleId :

OWBR-05-135-083023-3V



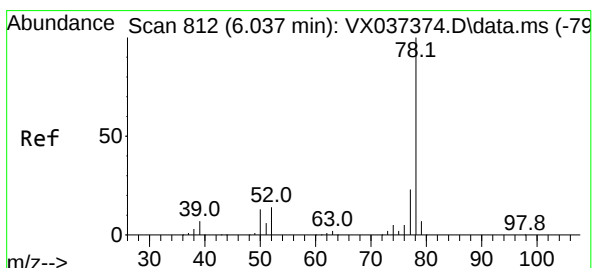
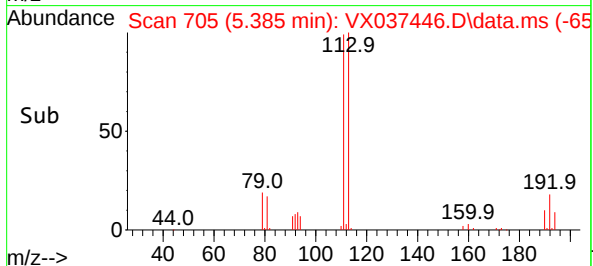
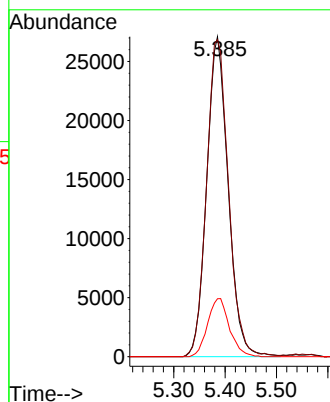
Tgt Ion:113 Resp: 78477

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 18.5 13.3 19.9



#40

Benzene

Concen: 0.322 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX037446.D

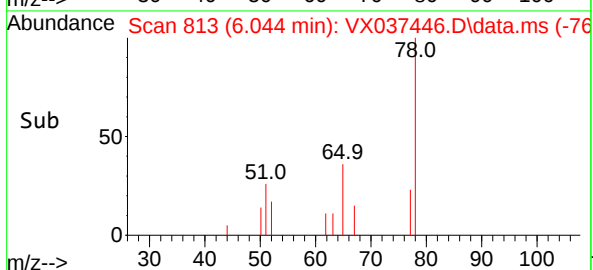
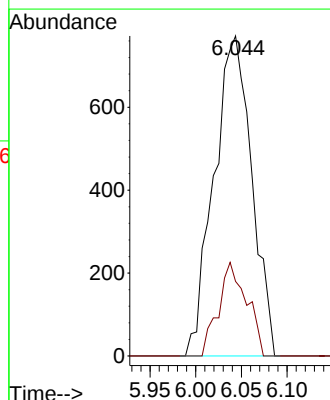
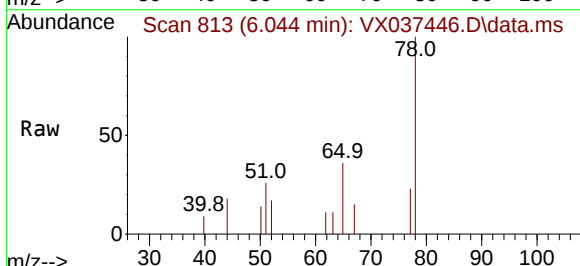
Acq: 31 Aug 2023 21:32

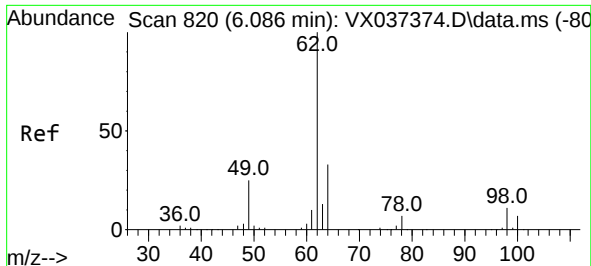
Tgt Ion: 78 Resp: 2224

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9





#42

1,2-Dichloroethane

Concen: 4.332 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX037446.D

Acq: 31 Aug 2023 21:32

Instrument :

MSVOA_X

ClientSampleId :

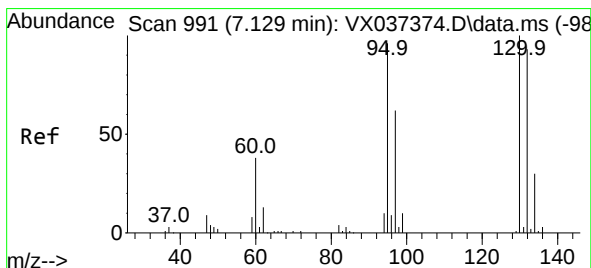
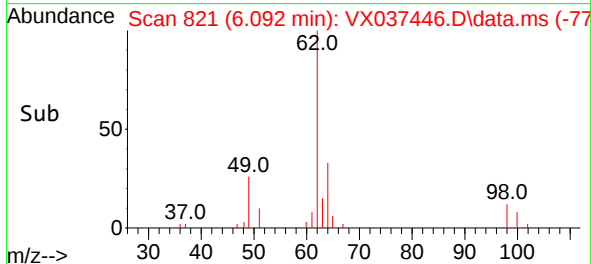
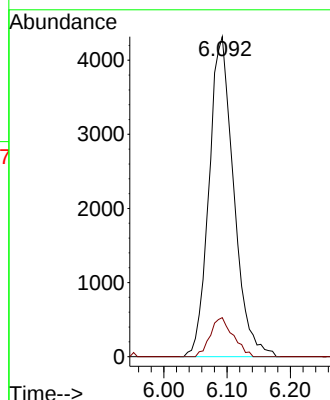
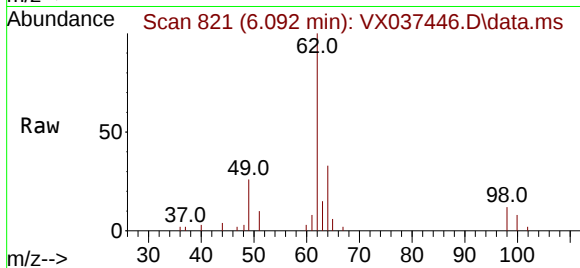
OWBR-05-135-083023-3V

Tgt Ion: 62 Resp: 11718

Ion Ratio Lower Upper

62 100

98 11.3 0.0 16.0



#44

Trichloroethene

Concen: 13.402 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037446.D

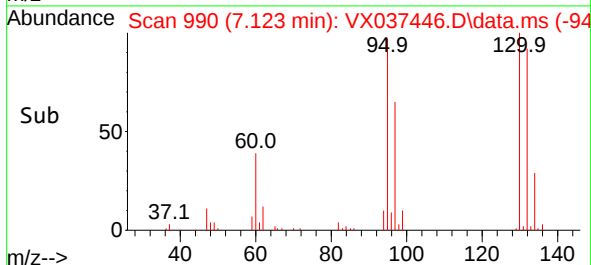
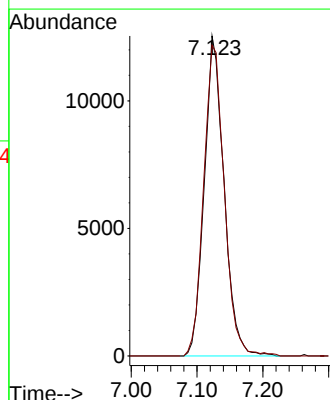
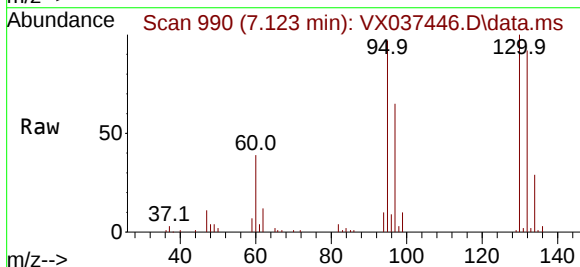
Acq: 31 Aug 2023 21:32

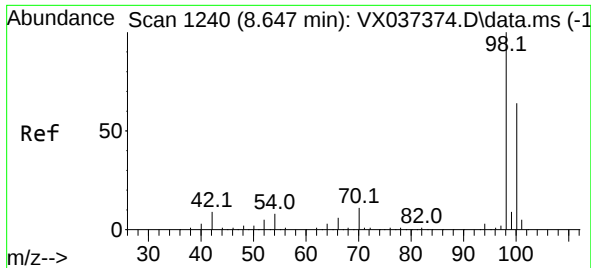
Tgt Ion:130 Resp: 26215

Ion Ratio Lower Upper

130 100

95 97.1 0.0 204.4

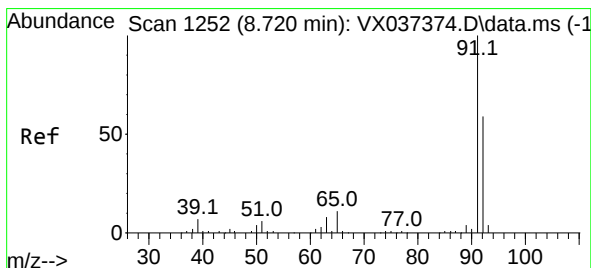
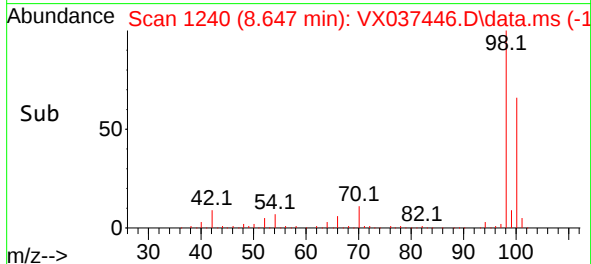
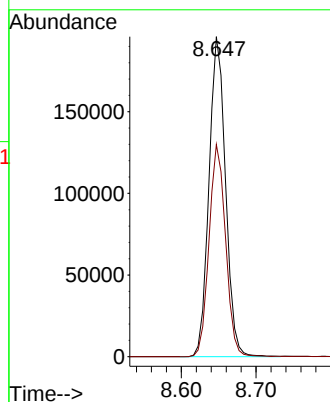
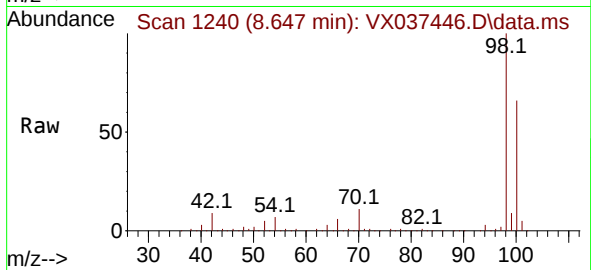




#50
Toluene-d8
Concen: 49.155 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037446.D
Acq: 31 Aug 2023 21:32

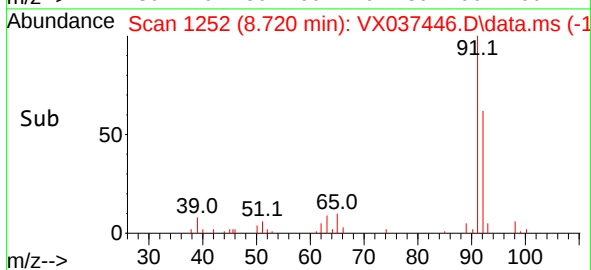
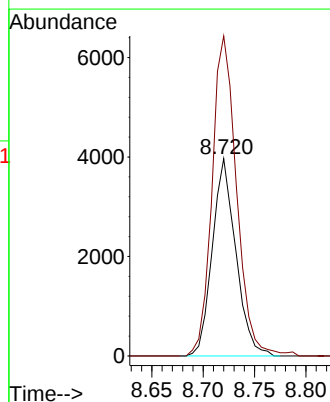
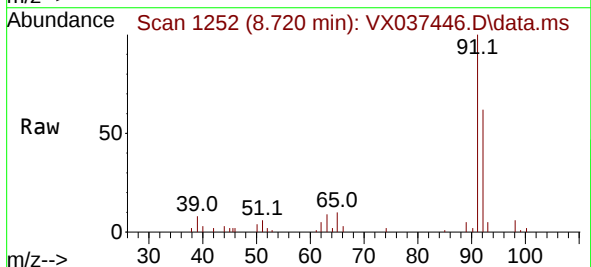
Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-083023-3V

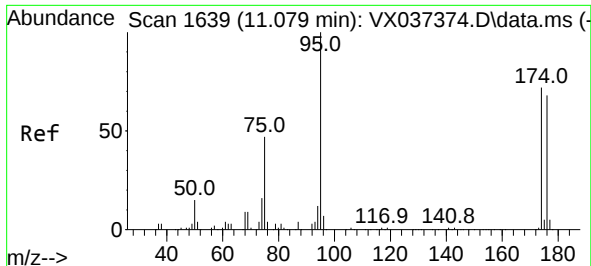
Tgt Ion: 98 Resp: 301858
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#52
Toluene
Concen: 1.385 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037446.D
Acq: 31 Aug 2023 21:32

Tgt Ion: 92 Resp: 6314
Ion Ratio Lower Upper
92 100
91 169.2 134.2 201.2

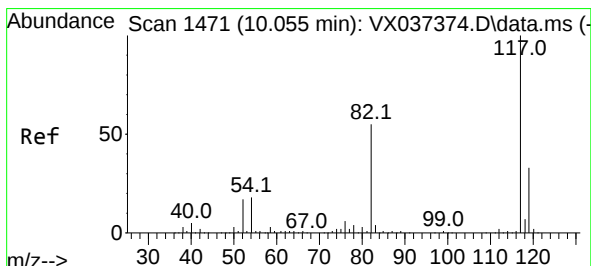
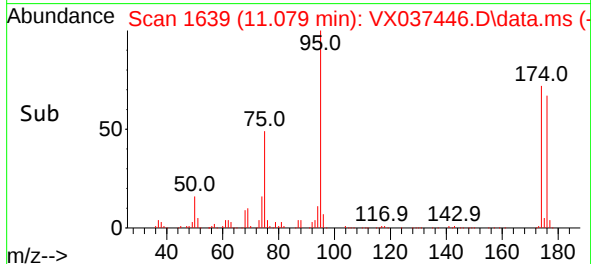
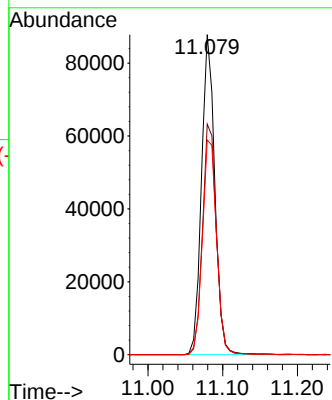
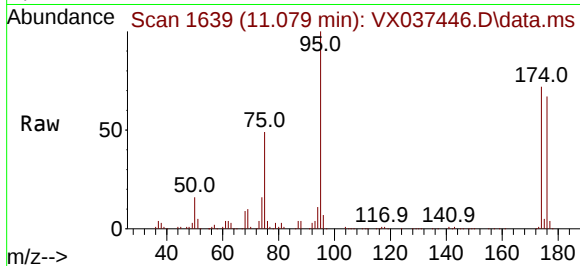




#62
4-Bromofluorobenzene
Concen: 44.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037446.D
Acq: 31 Aug 2023 21:32

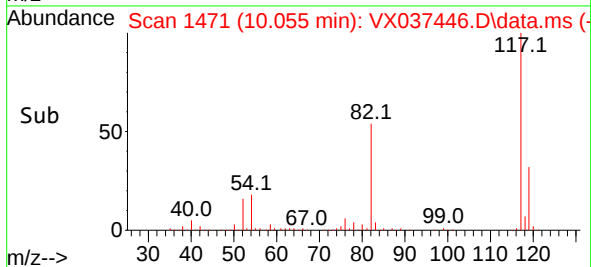
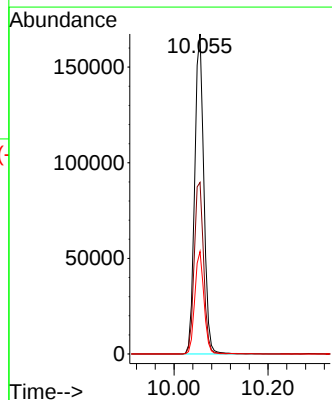
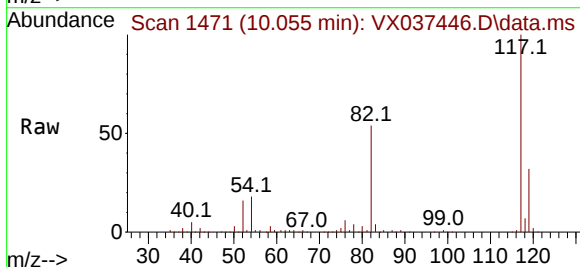
Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-083023-3V

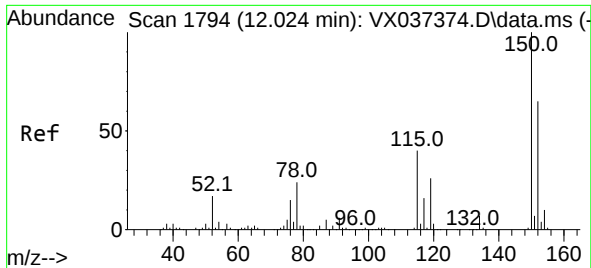
Tgt Ion: 95 Resp: 108256
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 71.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037446.D
Acq: 31 Aug 2023 21:32

Tgt Ion: 117 Resp: 228099
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.0 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: VX037446.D

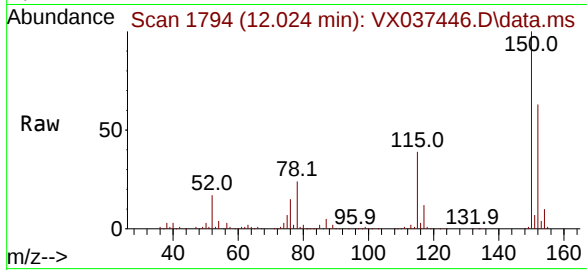
Acq: 31 Aug 2023 21:32

Instrument :

MSVOA_X

ClientSampleId :

OWBR-05-135-083023-3V



Tgt Ion:152 Resp: 100318

Ion Ratio Lower Upper

152 100

115 64.4 43.3 129.9

150 159.1 0.0 345.0

