

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026164.D
 Acq On : 30 Dec 2021 13:40
 Operator : JC/MD
 Sample : M5132-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2RE

Quant Time: Dec 31 07:07:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	141075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105039	51.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.940%
35) Dibromofluoromethane	5.391	113	81451	51.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.440%
50) Toluene-d8	8.653	98	288423	49.236	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	99396	47.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.320%

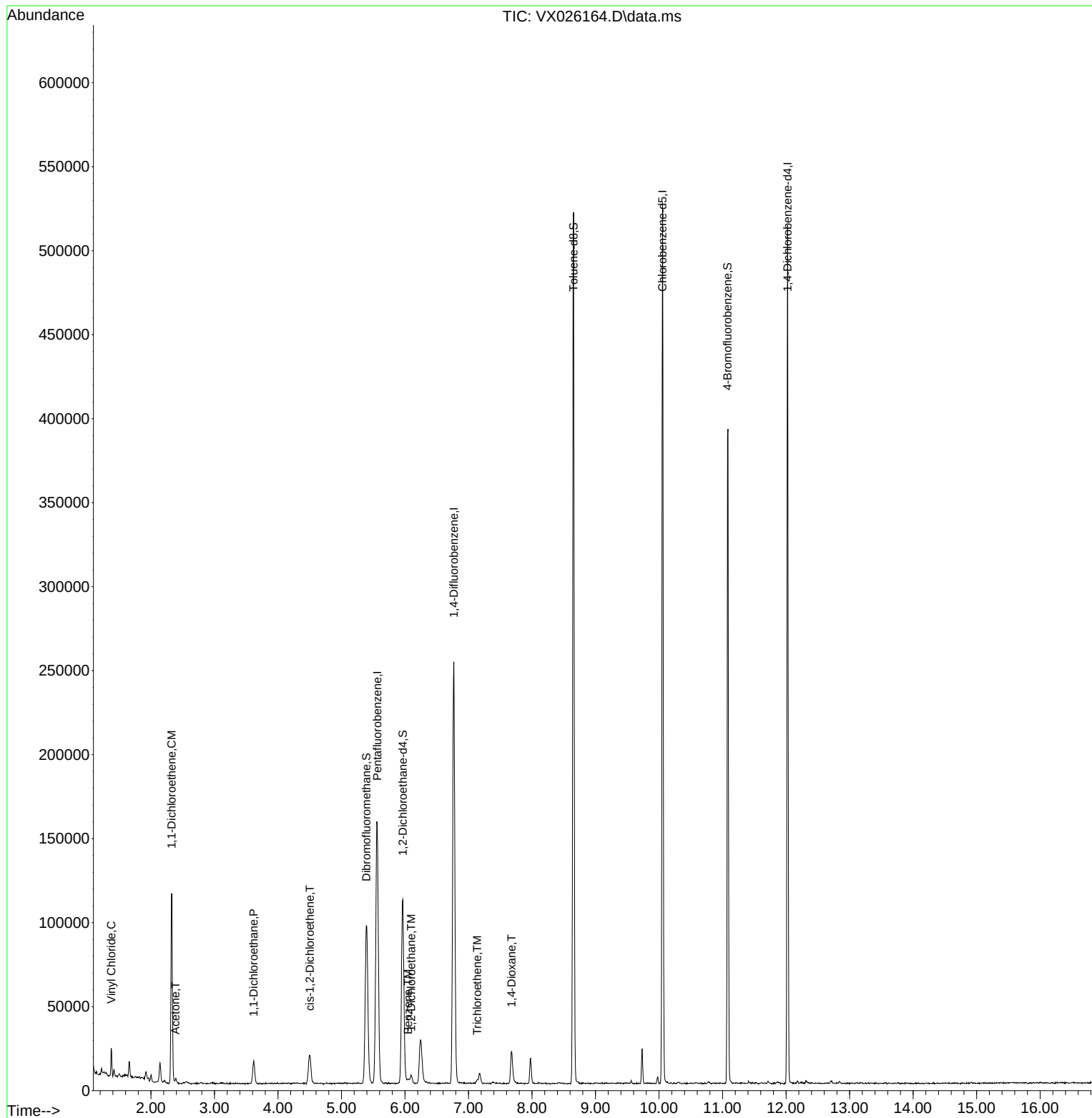
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	9965	5.490	ug/l	98
12) 1,1-Dichloroethene	2.325	96	35218	22.544	ug/l	90
16) Acetone	2.386	43	3234	2.925	ug/l #	83
24) 1,1-Dichloroethane	3.617	63	13975	4.376	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	10419	5.374	ug/l	97
40) Benzene	6.050	78	2378	0.328	ug/l	94
42) 1,2-Dichloroethane	6.098	62	4783	1.630	ug/l	95
44) Trichloroethene	7.135	130	747	0.383	ug/l	88
49) 1,4-Dioxane	7.677	88	17107	403.233	ug/l	96

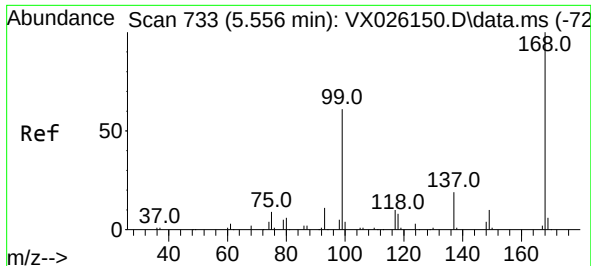
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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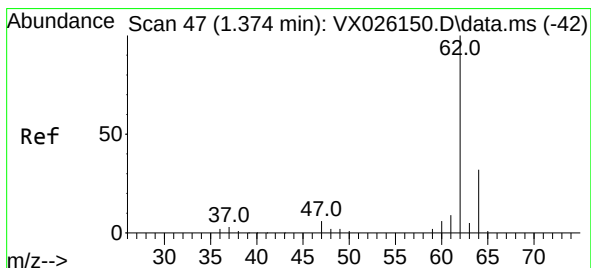
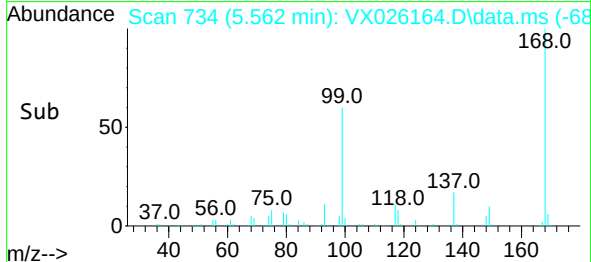
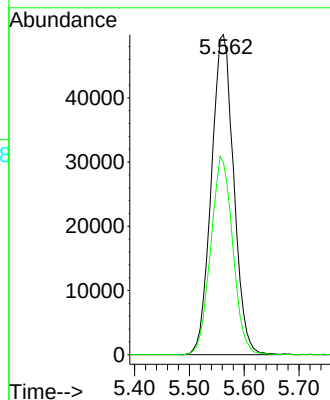
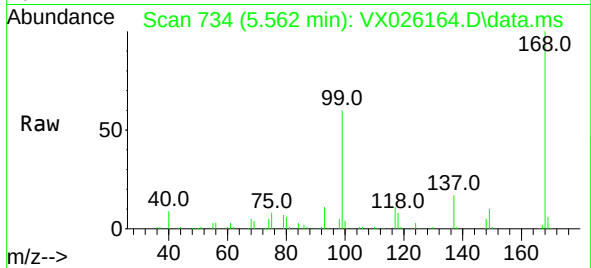




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

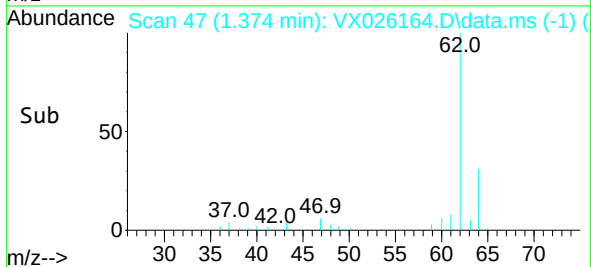
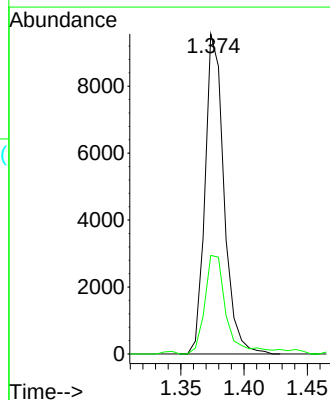
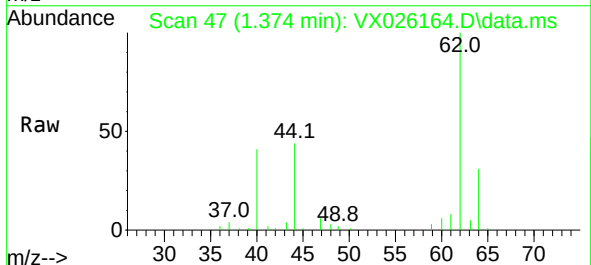
Instrument :
MSVOA_X
ClientSampleId :
MW-2RE

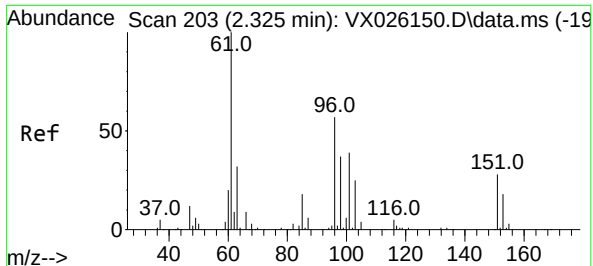
Tgt Ion:168 Resp: 141075
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.8



#4
Vinyl Chloride
Concen: 5.490 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion: 62 Resp: 9965
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.2





#12

1,1-Dichloroethene

Concen: 22.544 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

Instrument :

MSVOA_X

ClientSampleId :

MW-2RE

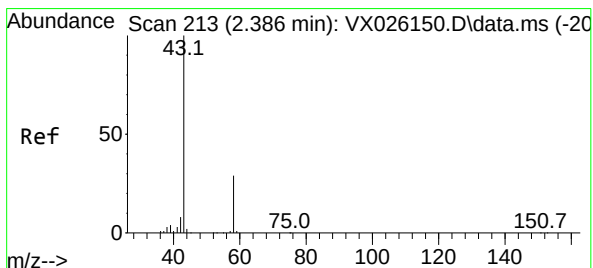
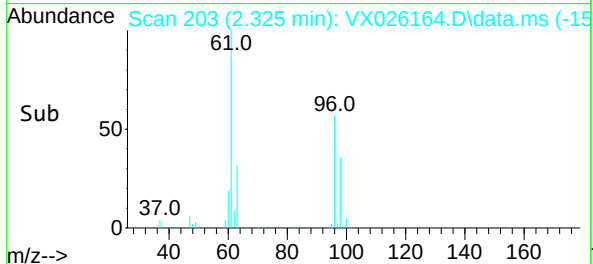
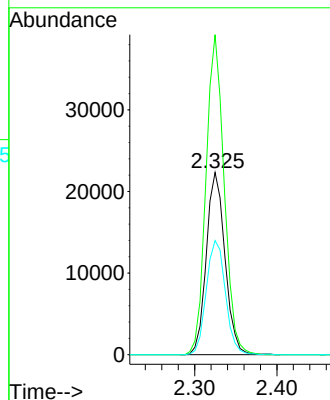
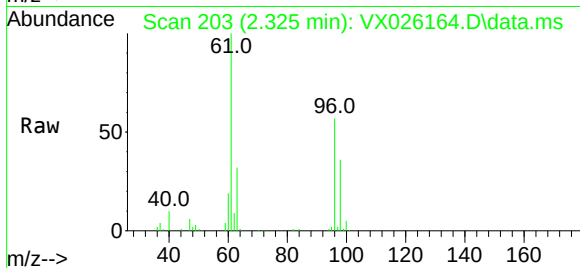
Tgt Ion: 96 Resp: 35218

Ion Ratio Lower Upper

96 100

61 175.6 127.5 191.3

98 62.6 52.0 78.0



#16

Acetone

Concen: 2.925 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX026164.D

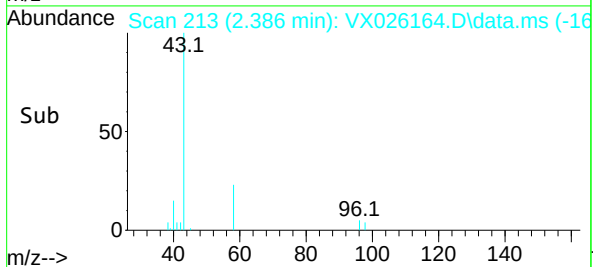
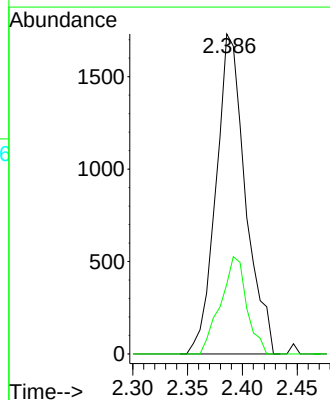
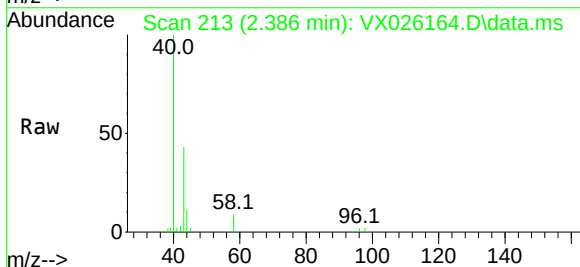
Acq: 30 Dec 2021 13:40

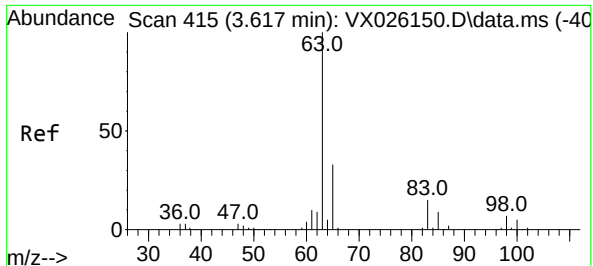
Tgt Ion: 43 Resp: 3234

Ion Ratio Lower Upper

43 100

58 21.8 24.8 37.2#

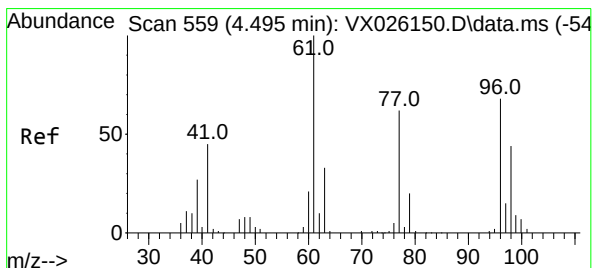
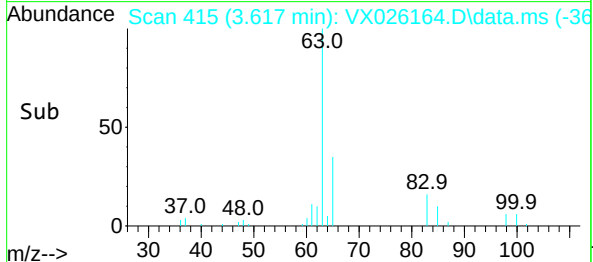
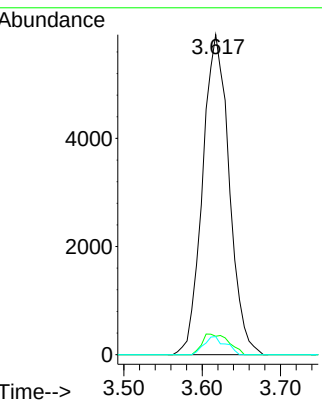
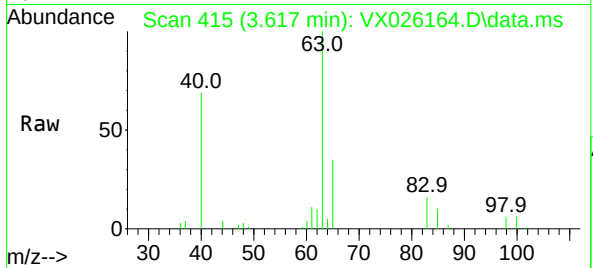




#24
 1,1-Dichloroethane
 Concen: 4.376 ug/l
 RT: 3.617 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX026164.D
 Acq: 30 Dec 2021 13:40

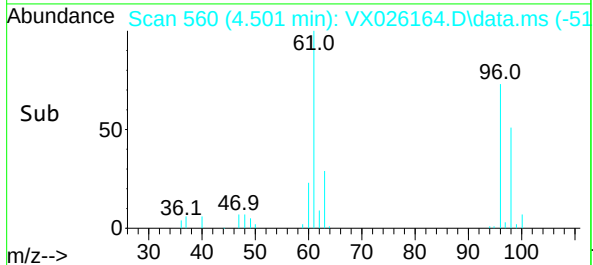
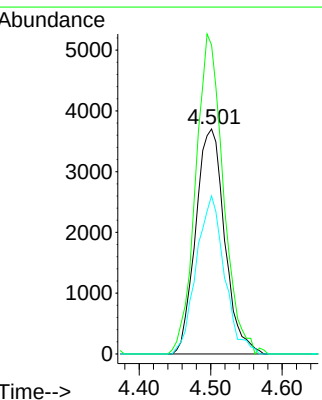
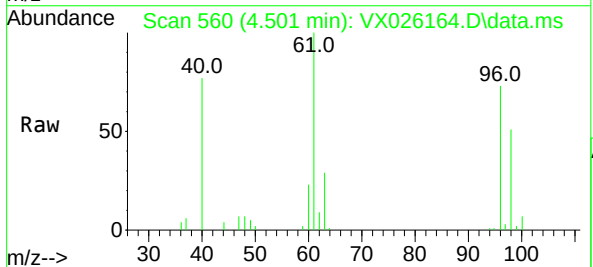
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2RE

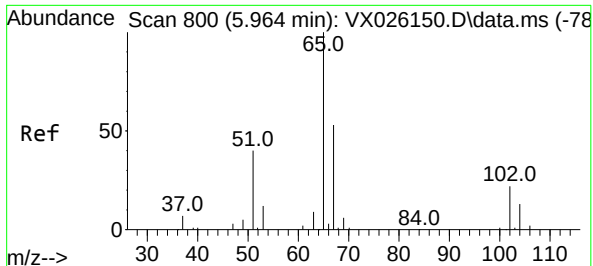
Tgt Ion: 63	Resp:	13975
Ion Ratio	Lower	Upper
63	100	
98	5.8	3.3 9.9
100	5.6	2.2 6.6



#27
 cis-1,2-Dichloroethene
 Concen: 5.374 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: VX026164.D
 Acq: 30 Dec 2021 13:40

Tgt Ion: 96	Resp:	10419
Ion Ratio	Lower	Upper
96	100	
61	135.6	0.0 276.8
98	68.2	0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 51.466 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

Instrument :

MSVOA_X

ClientSampleId :

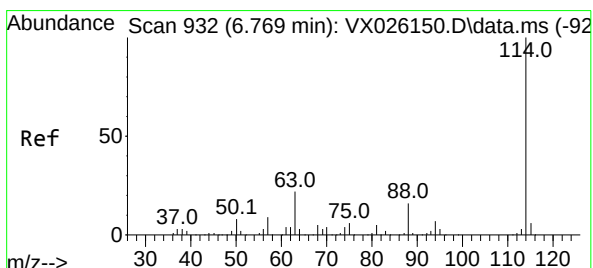
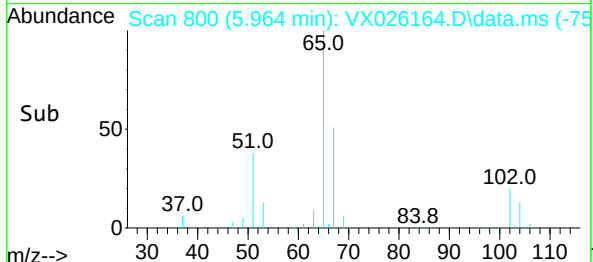
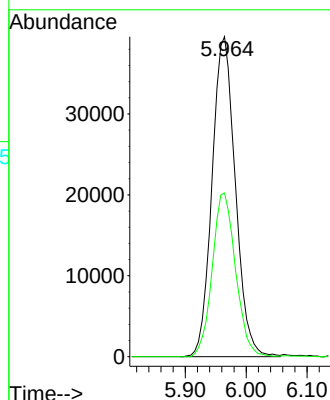
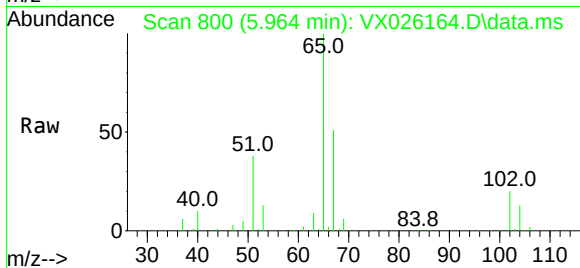
MW-2RE

Tgt Ion: 65 Resp: 105039

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

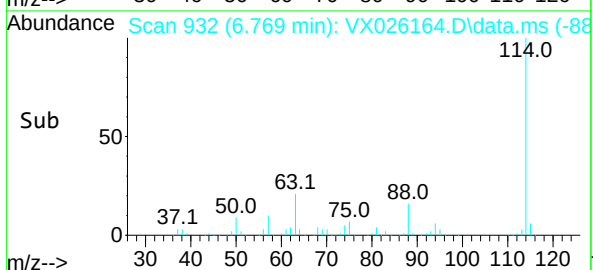
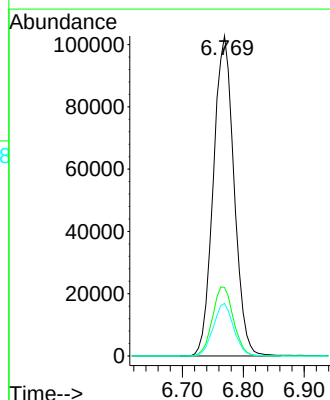
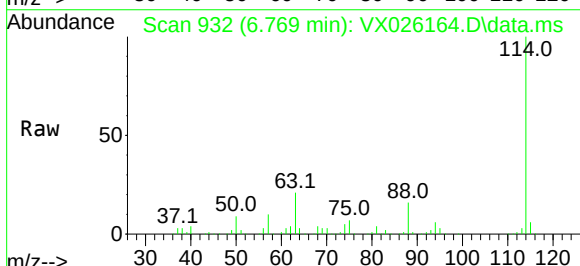
Tgt Ion: 114 Resp: 242242

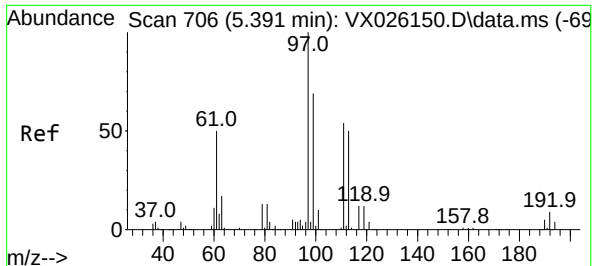
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 16.4 0.0 30.6

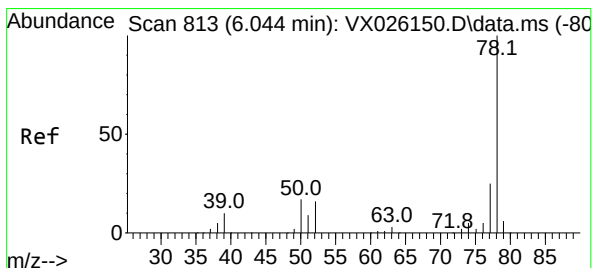
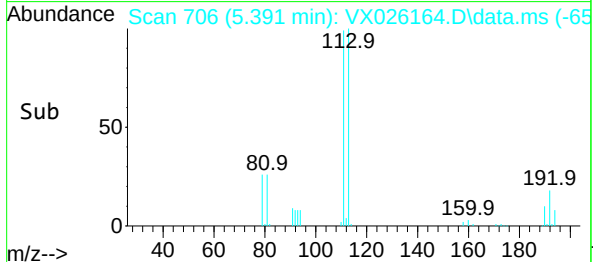
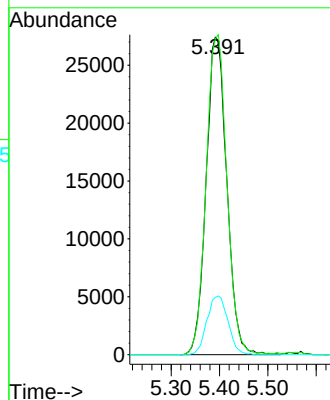
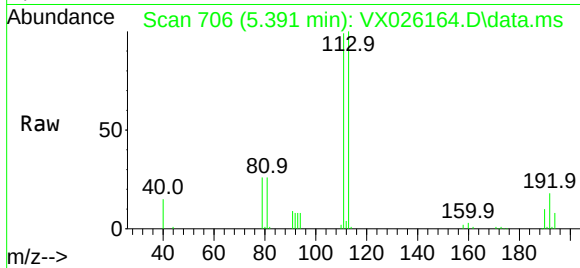




#35
Dibromofluoromethane
Concen: 51.718 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

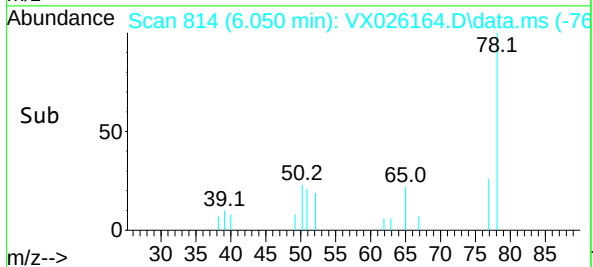
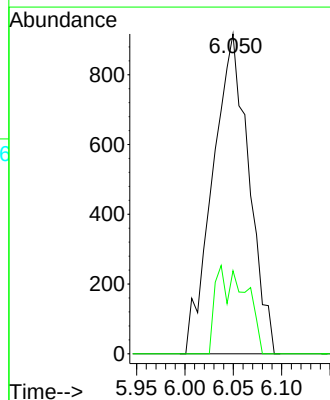
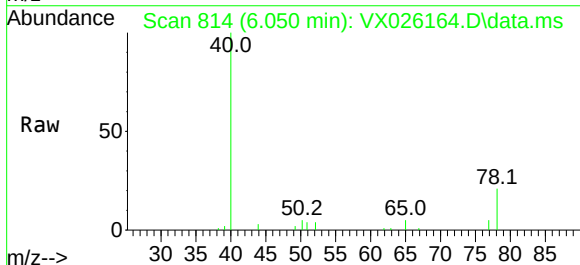
Instrument :
MSVOA_X
ClientSampleId :
MW-2RE

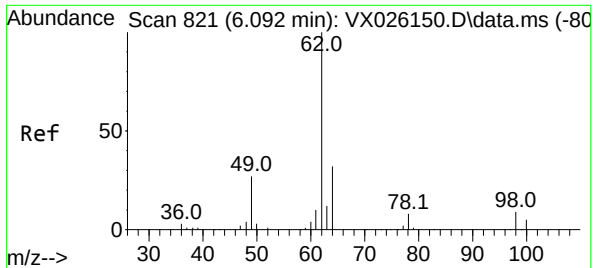
Tgt Ion:113 Resp: 81451
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 18.8 15.0 22.4



#40
Benzene
Concen: 0.328 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX026164.D
Acq: 30 Dec 2021 13:40

Tgt Ion: 78 Resp: 2378
Ion Ratio Lower Upper
78 100
77 26.0 18.6 27.8





#42

1,2-Dichloroethane

Concen: 1.630 ug/l

RT: 6.098 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

Instrument :

MSVOA_X

ClientSampleId :

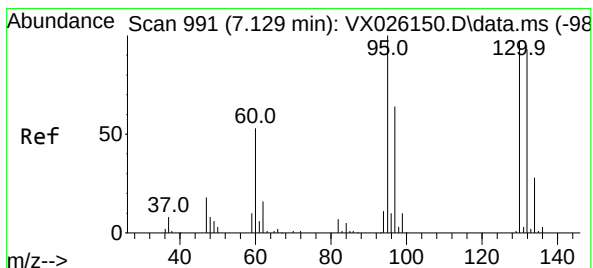
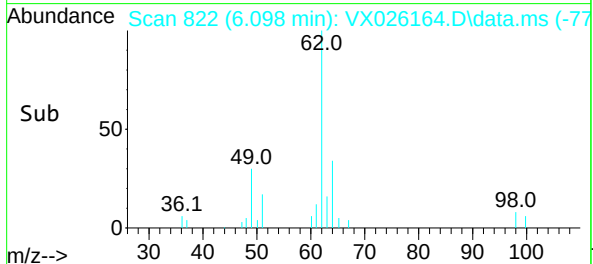
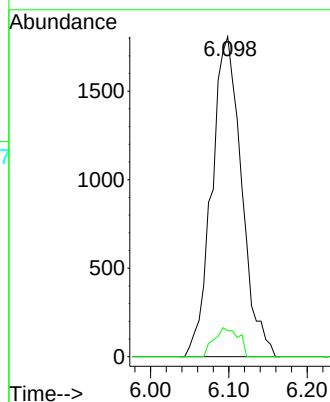
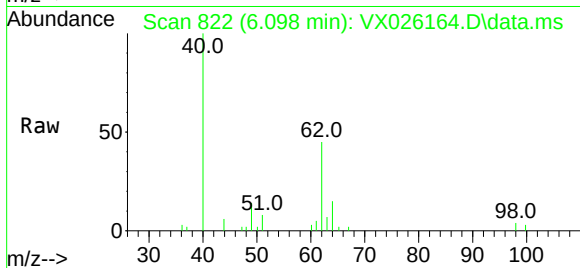
MW-2RE

Tgt Ion: 62 Resp: 4783

Ion Ratio Lower Upper

62 100

98 7.5 0.0 18.8



#44

Trichloroethene

Concen: 0.383 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX026164.D

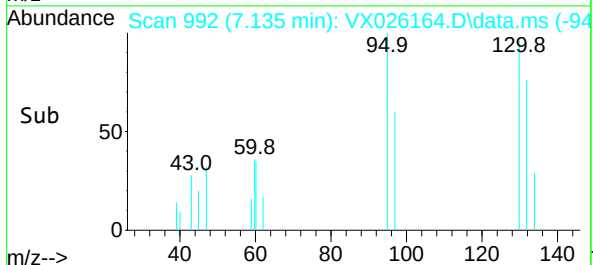
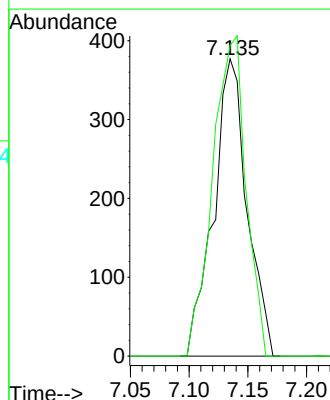
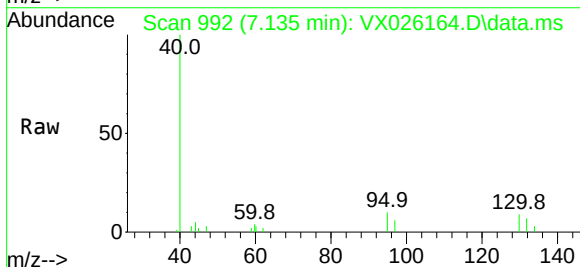
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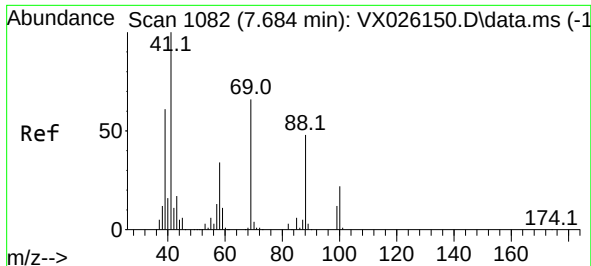
Tgt Ion:130 Resp: 747

Ion Ratio Lower Upper

130 100

95 104.5 0.0 186.4





#49

1,4-Dioxane

Concen: 403.233 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.007 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

Instrument :

MSVOA_X

ClientSampleId :

MW-2RE

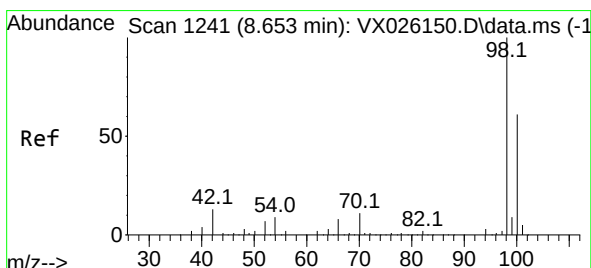
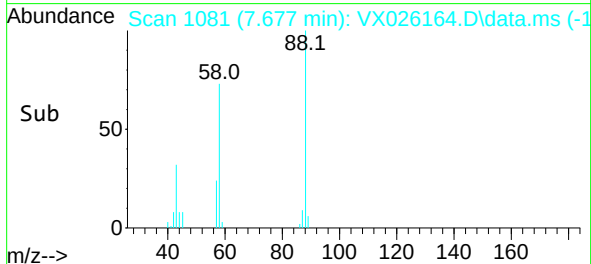
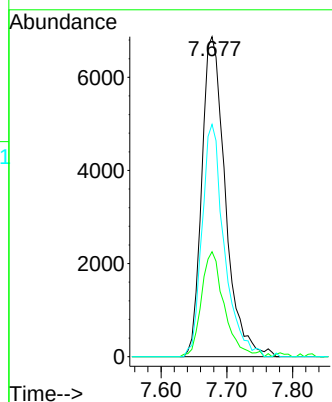
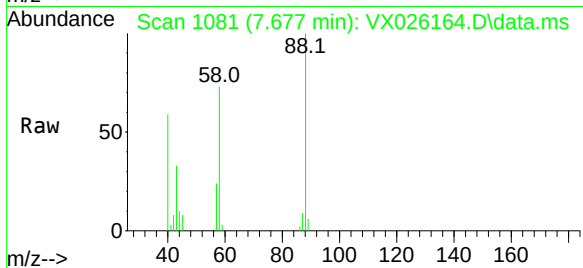
Tgt Ion: 88 Resp: 17107

Ion Ratio Lower Upper

88 100

43 32.0 25.3 37.9

58 68.6 51.8 77.6



#50

Toluene-d8

Concen: 49.236 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026164.D

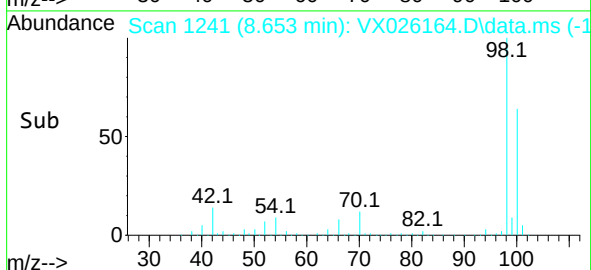
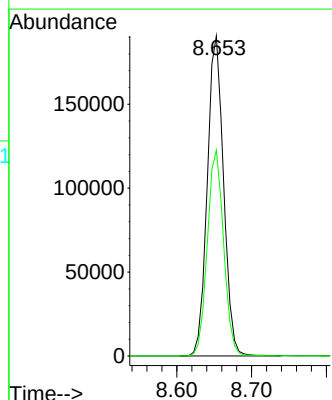
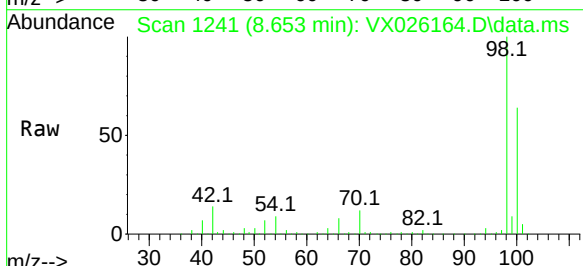
Acq: 30 Dec 2021 13:40

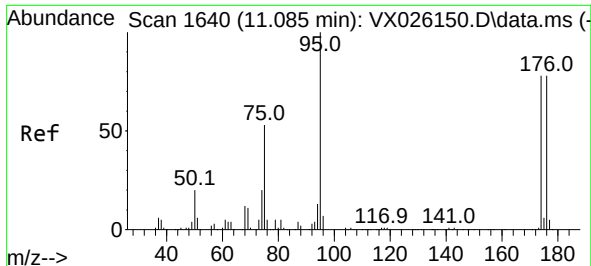
Tgt Ion: 98 Resp: 288423

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 47.663 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

Instrument :

MSVOA_X

ClientSampleId :

MW-2RE

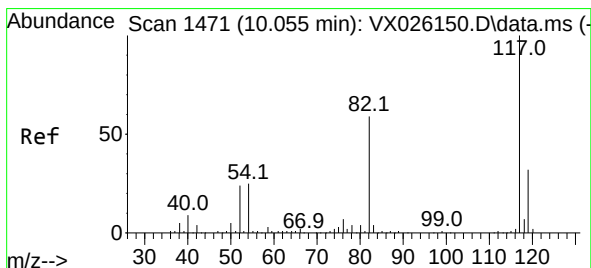
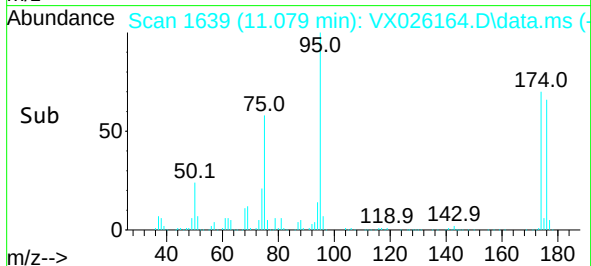
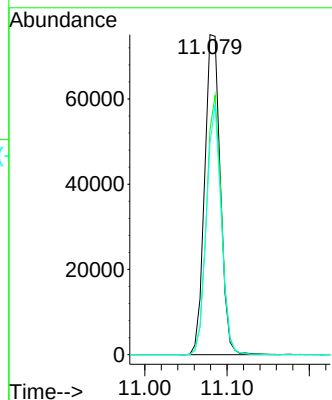
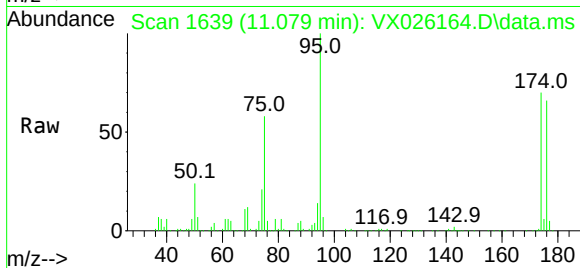
Tgt Ion: 95 Resp: 99396

Ion Ratio Lower Upper

95 100

174 77.4 0.0 157.4

176 73.9 0.0 154.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026164.D

Acq: 30 Dec 2021 13:40

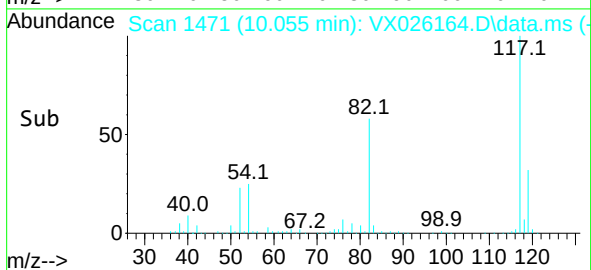
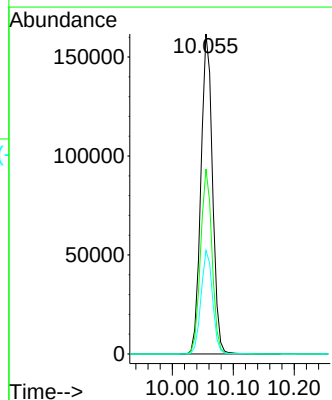
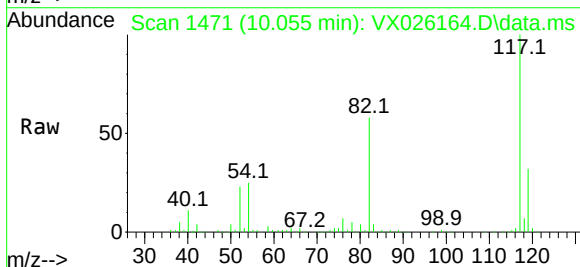
Tgt Ion: 117 Resp: 214542

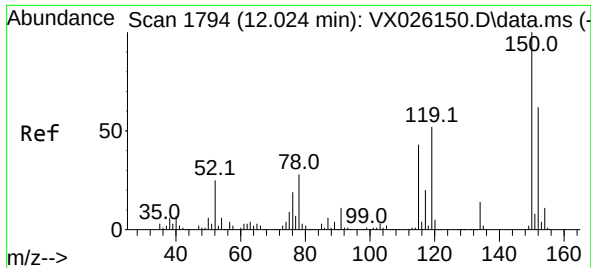
Ion Ratio Lower Upper

117 100

82 57.8 43.8 65.6

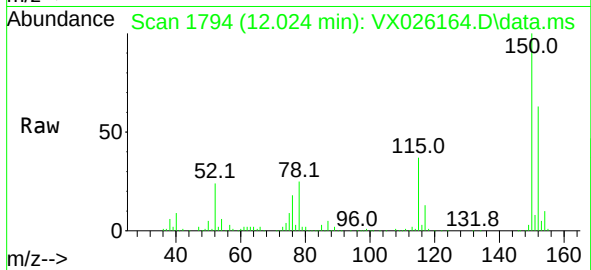
119 32.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026164.D
 Acq: 30 Dec 2021 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	41.3	123.9
150	157.2	0.0	351.8

