

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044476.D
 Acq On : 23 Dec 2024 13:43
 Operator : JC/MD
 Sample : P5317-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20241217

Quant Time: Dec 23 21:56:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

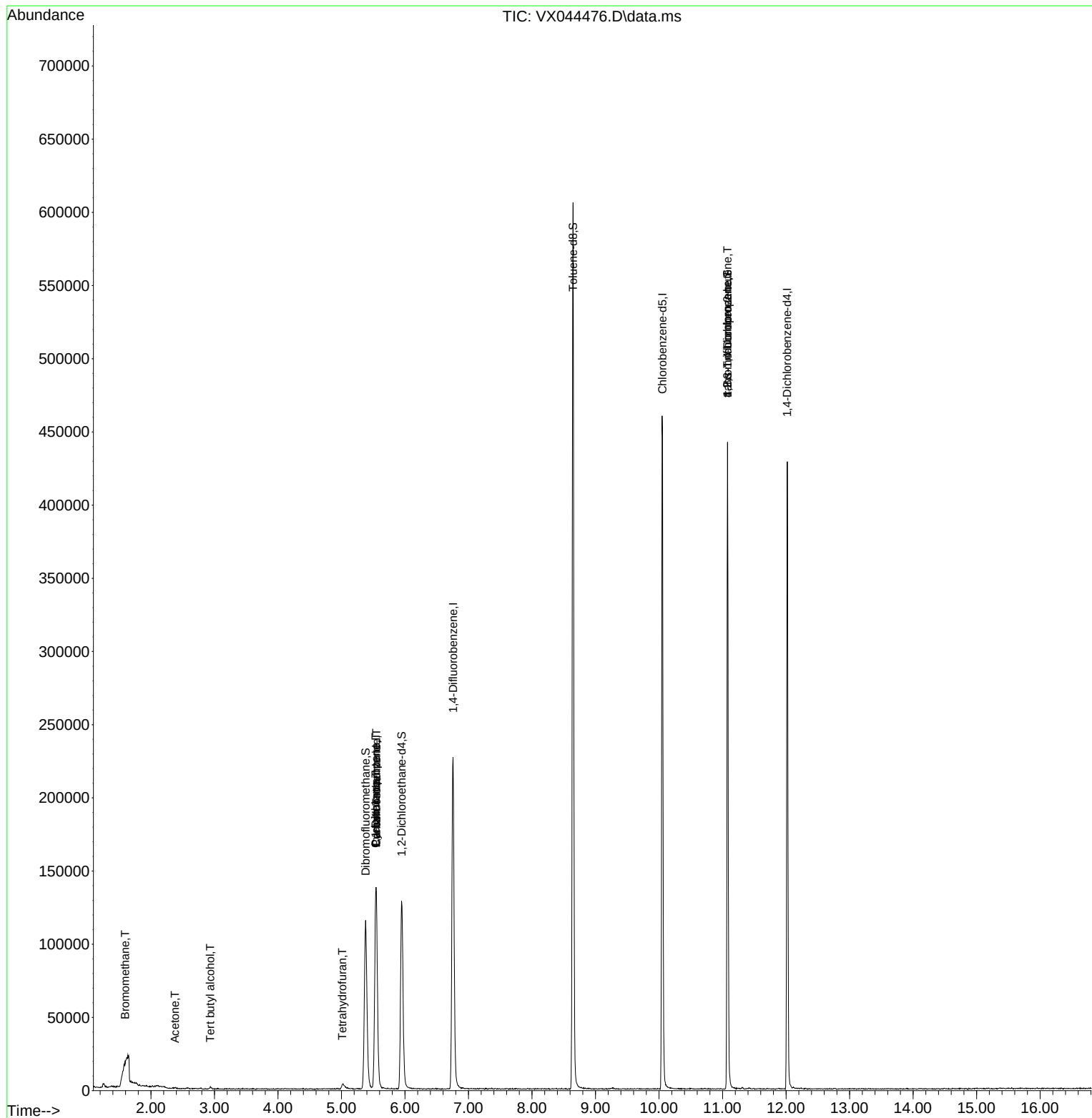
Internal Standards						
1) Pentafluorobenzene	5.550	168	131180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123657	53.764	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.520%	
35) Dibromofluoromethane	5.379	113	96219	58.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.460%	
50) Toluene-d8	8.647	98	356708	63.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 127.960%#	
62) 4-Bromofluorobenzene	11.079	95	112339	57.669	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	304	0.212	ug/l #	11
11) Tert butyl alcohol	2.934	59	198	0.611	ug/l #	71
16) Acetone	2.380	43	633	0.675	ug/l #	48
29) Tetrahydrofuran	5.013	42	3434	4.013	ug/l #	78
31) Cyclohexane	5.537	56	3273	1.318	ug/l #	62
36) 1,1-Dichloropropene	5.537	75	11365	5.321	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14314	6.224	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	61004	31.451	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	61004	85.647	ug/l #	4

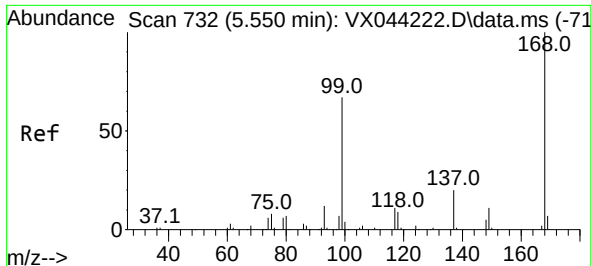
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

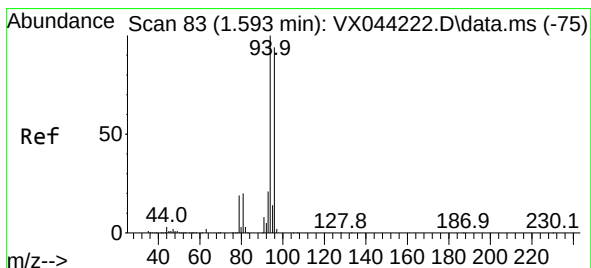
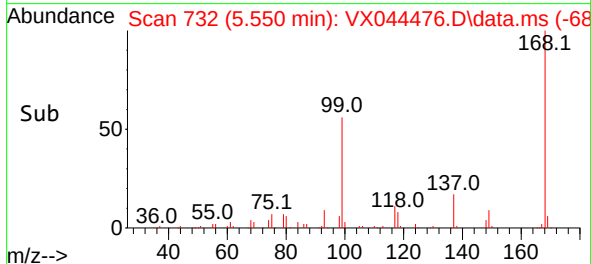
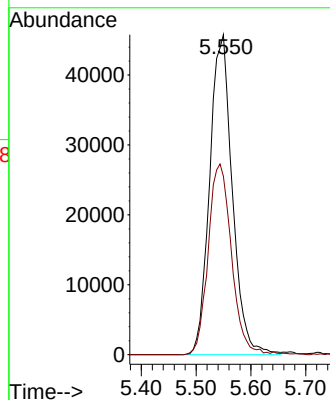
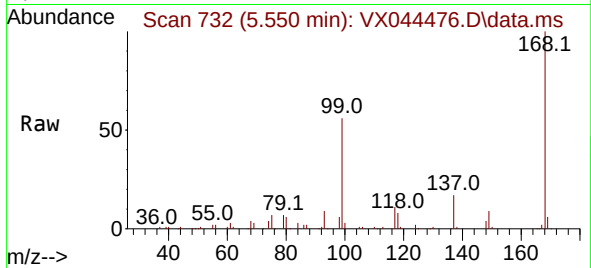




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044476.D
Acq: 23 Dec 2024 13:43

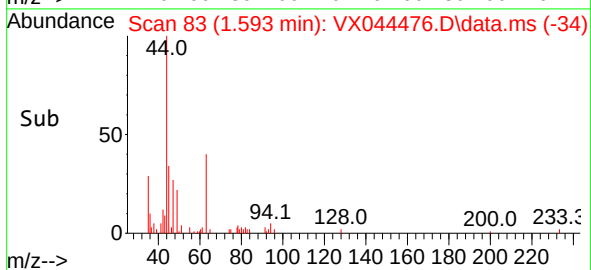
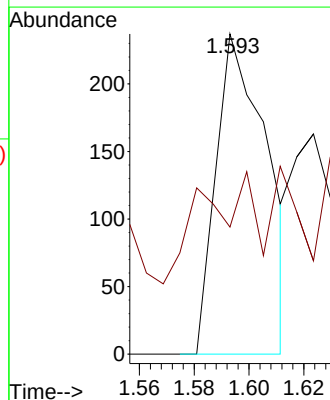
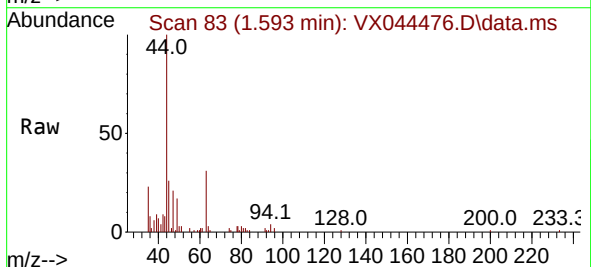
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20241217

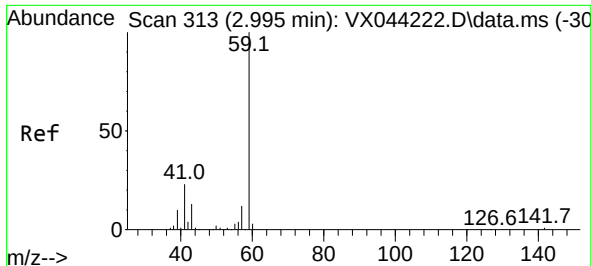
Tgt Ion:168 Resp: 131180
Ion Ratio Lower Upper
168 100
99 55.8 53.4 80.0



#5
Bromomethane
Concen: 0.212 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044476.D
Acq: 23 Dec 2024 13:43

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 8.0 74.9 112.3#





#11

Tert butyl alcohol

Concen: 0.611 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX044476.D

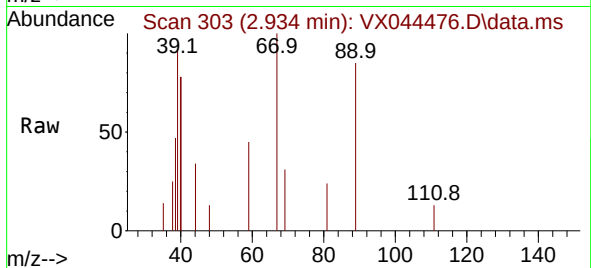
Acq: 23 Dec 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20241217

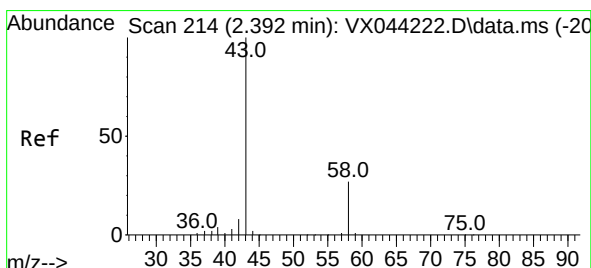
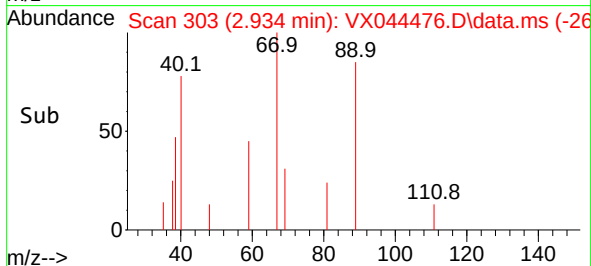
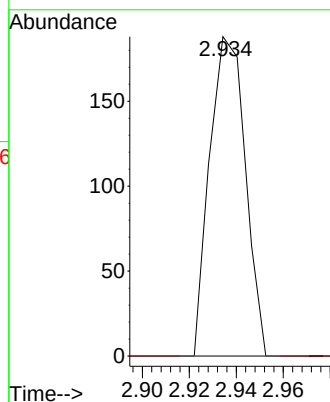


Tgt Ion: 59 Resp: 198

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 0.675 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044476.D

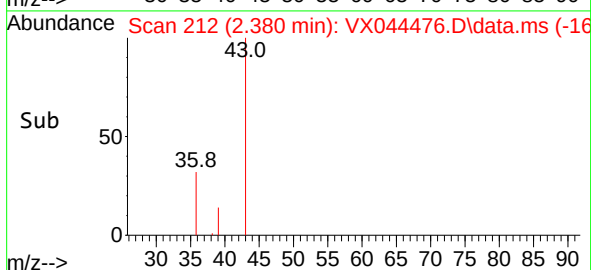
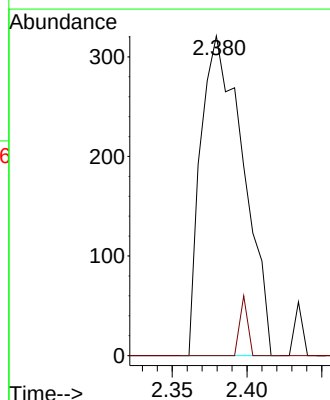
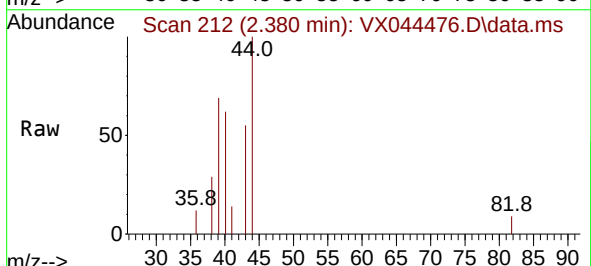
Acq: 23 Dec 2024 13:43

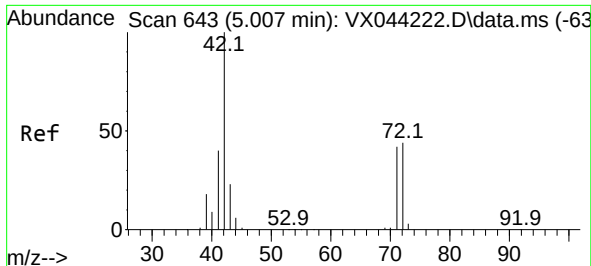
Tgt Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#





#29

Tetrahydrofuran

Concen: 4.013 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX044476.D

Acq: 23 Dec 2024 13:43

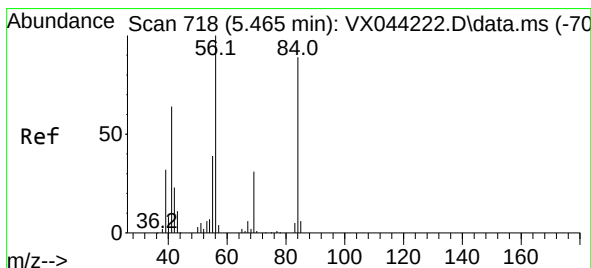
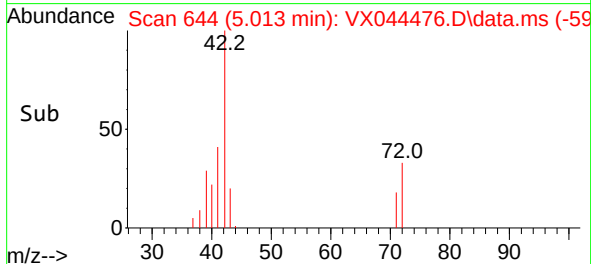
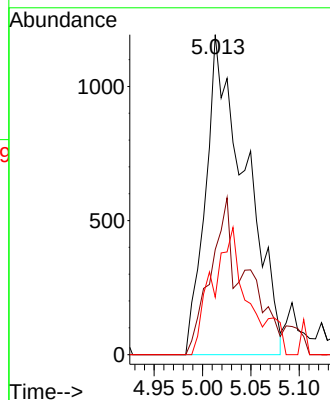
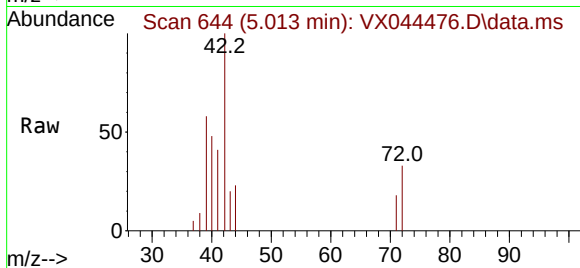
Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20241217

Tgt Ion:	42	Resp:	3434
Ion	Ratio	Lower	Upper
42	100		
72	28.3	37.0	55.6#
71	31.7	33.6	50.4#



#31

Cyclohexane

Concen: 1.318 ug/l

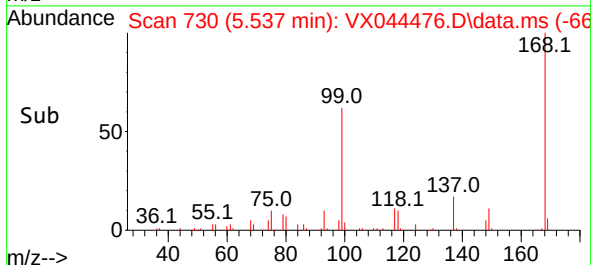
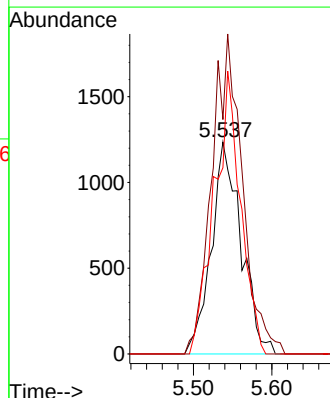
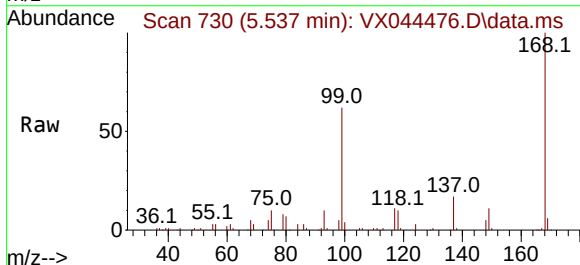
RT: 5.537 min Scan# 730

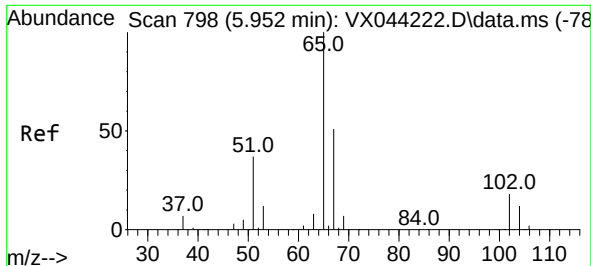
Delta R.T. 0.073 min

Lab File: VX044476.D

Acq: 23 Dec 2024 13:43

Tgt Ion:	56	Resp:	3273
Ion	Ratio	Lower	Upper
56	100		
69	110.7	24.7	37.1#
84	87.9	71.0	106.6





#33

1,2-Dichloroethane-d4

Concen: 53.764 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044476.D

Acq: 23 Dec 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

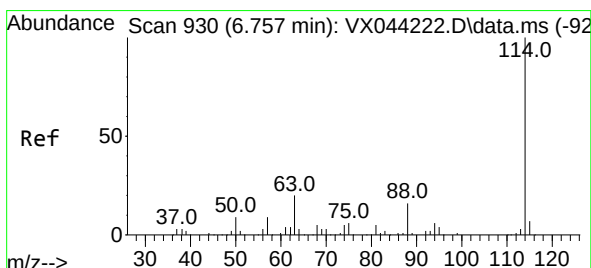
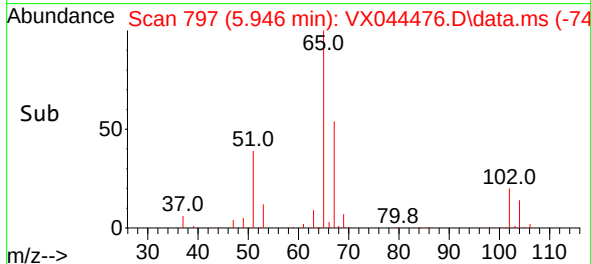
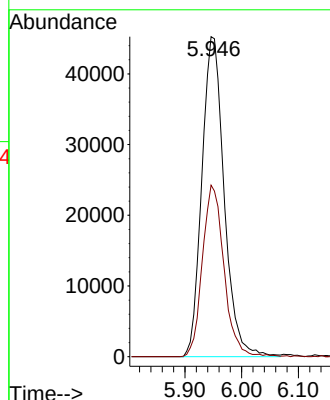
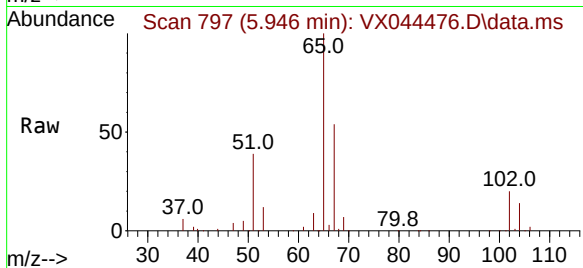
RW8-MW01D3-20241217

Tgt Ion: 65 Resp: 123657

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044476.D

Acq: 23 Dec 2024 13:43

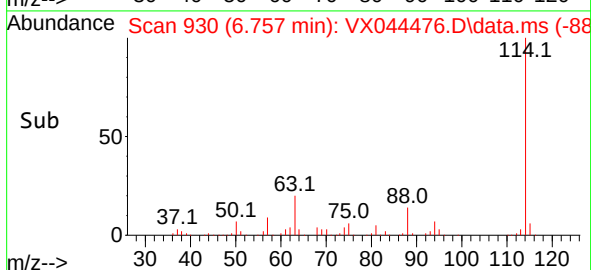
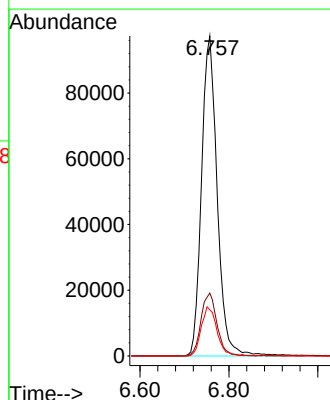
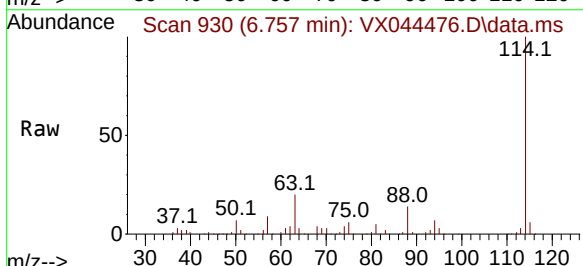
Tgt Ion: 114 Resp: 238589

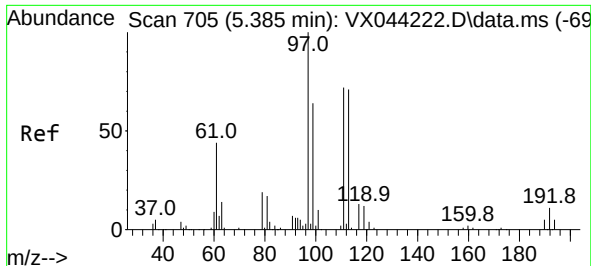
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

88 14.4 0.0 31.8

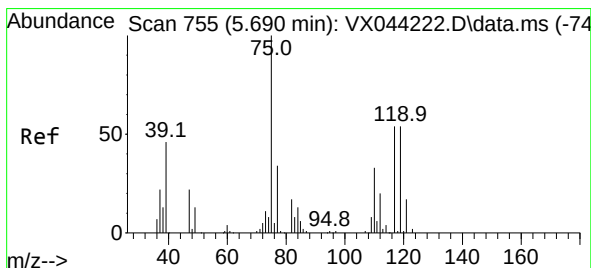
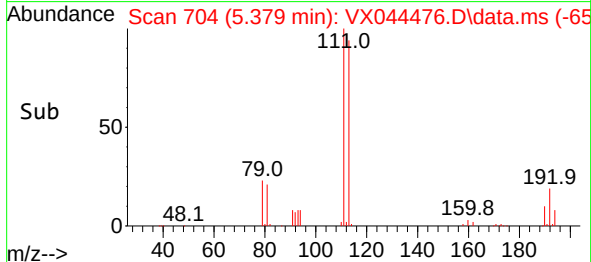
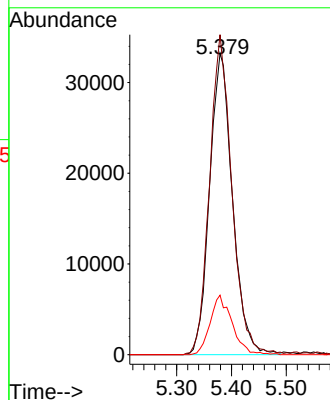
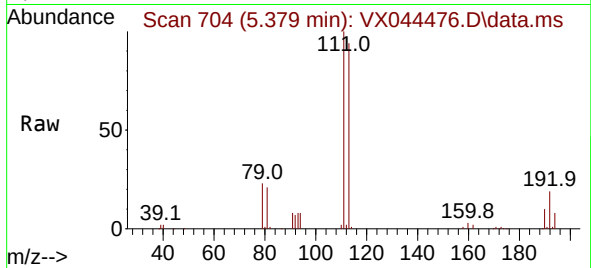




#35
Dibromofluoromethane
Concen: 58.228 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044476.D
Acq: 23 Dec 2024 13:43

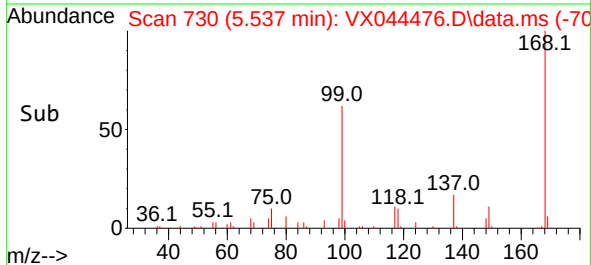
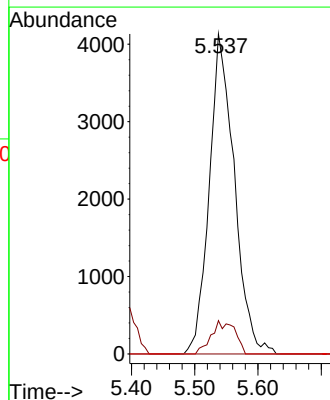
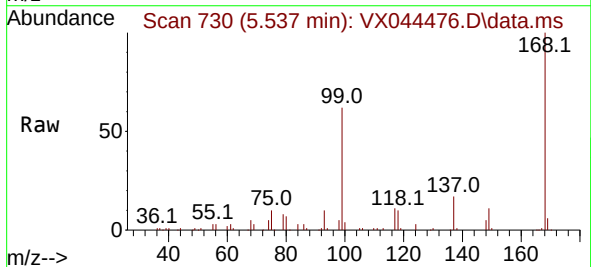
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20241217

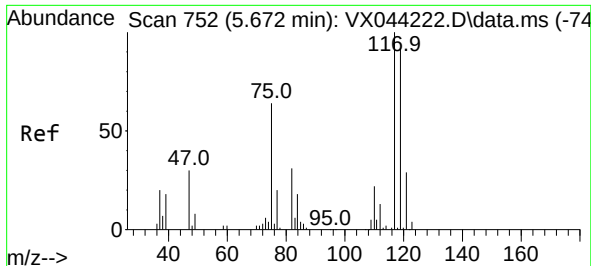
Tgt Ion:113 Resp: 96219
Ion Ratio Lower Upper
113 100
111 103.6 80.4 120.6
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.321 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.153 min
Lab File: VX044476.D
Acq: 23 Dec 2024 13:43

Tgt Ion: 75 Resp: 11365
Ion Ratio Lower Upper
75 100
110 9.7 17.3 51.7#
77 0.0 25.4 38.0#

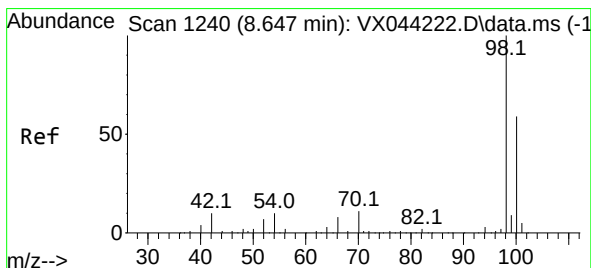
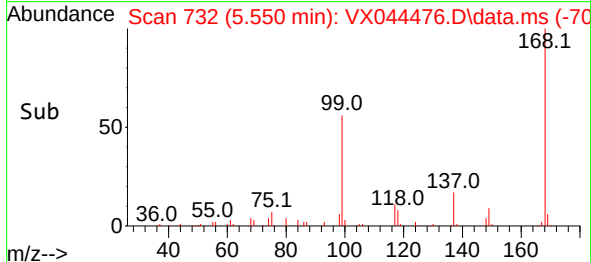
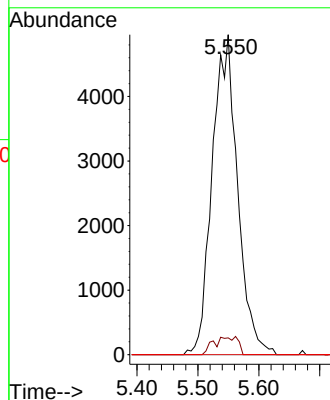
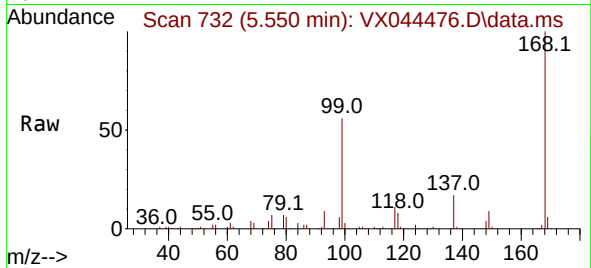




#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044476.D
Acq: 23 Dec 2024 13:43

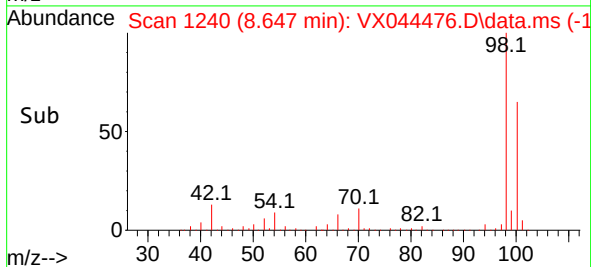
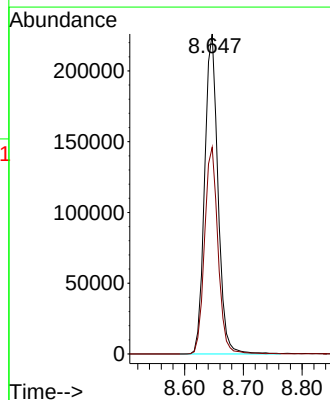
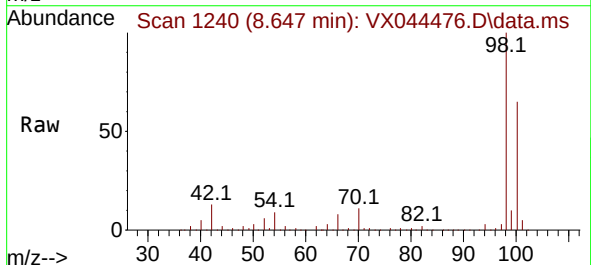
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MSVOA_X
ClientSampleId :
RW8-MW01D3-20241217

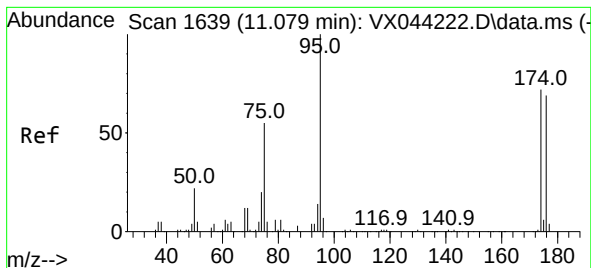
Tgt Ion:117 Resp: 14314
Ion Ratio Lower Upper
117 100
119 5.2 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 63.985 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044476.D
Acq: 23 Dec 2024 13:43

Tgt Ion: 98 Resp: 356708
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 57.669 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044476.D

Acq: 23 Dec 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20241217

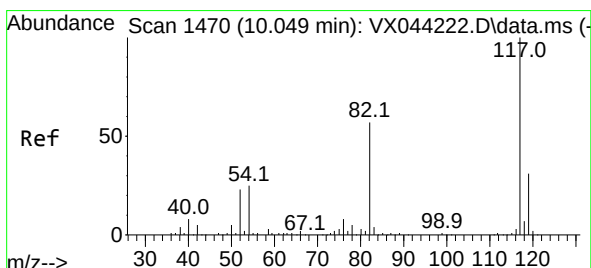
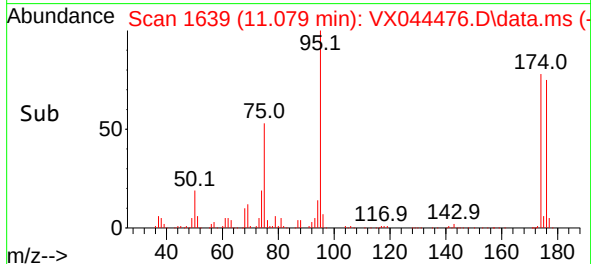
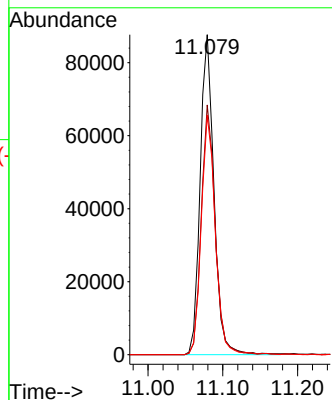
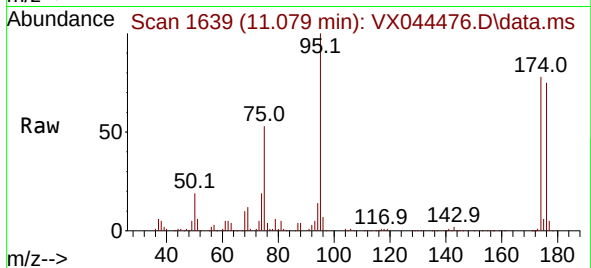
Tgt Ion: 95 Resp: 112339

Ion Ratio Lower Upper

95 100

174 78.7 0.0 145.8

176 76.3 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044476.D

Acq: 23 Dec 2024 13:43

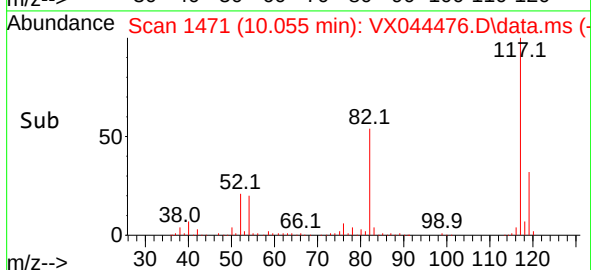
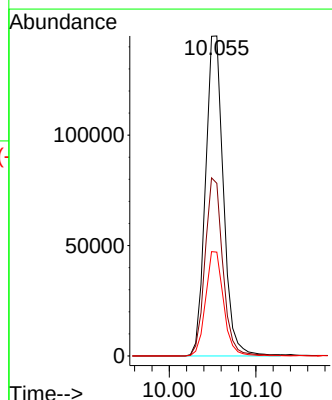
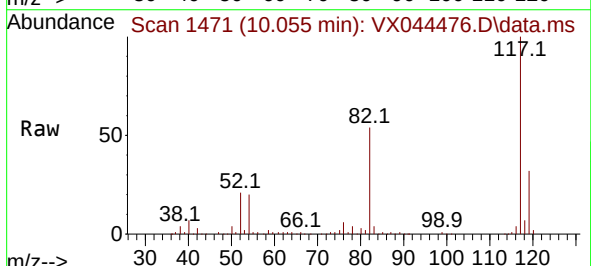
Tgt Ion: 117 Resp: 208912

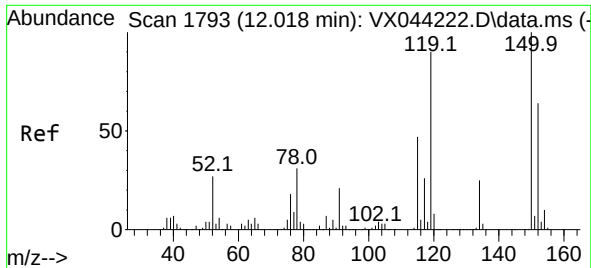
Ion Ratio Lower Upper

117 100

82 54.0 45.8 68.8

119 32.5 25.0 37.4

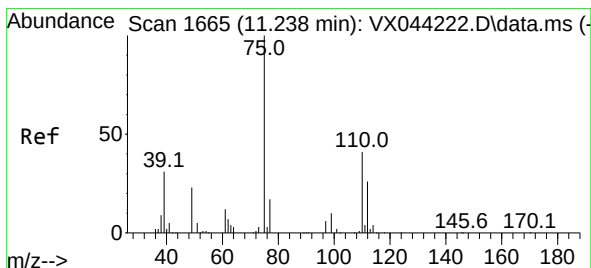
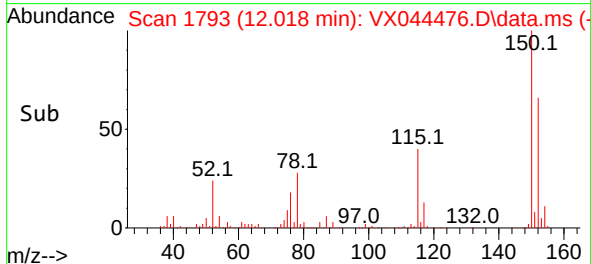
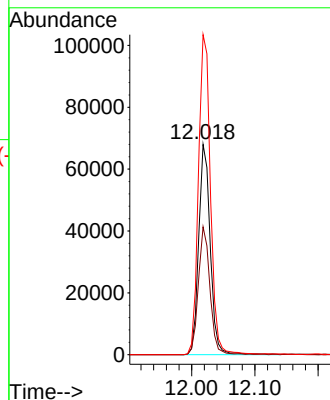
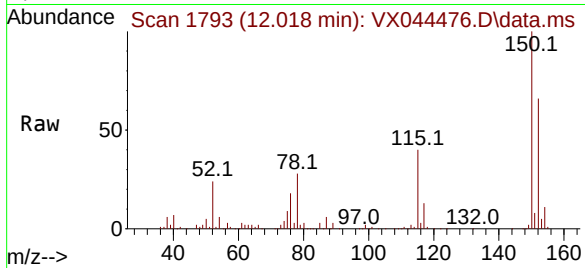




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044476.D
 Acq: 23 Dec 2024 13:43

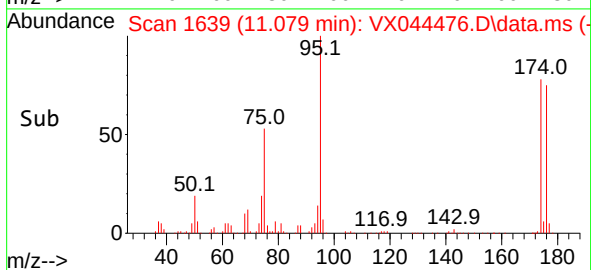
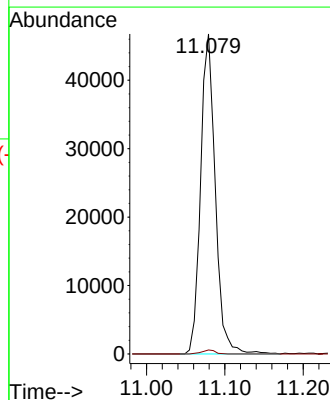
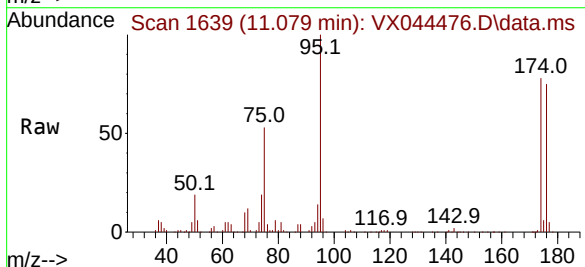
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20241217

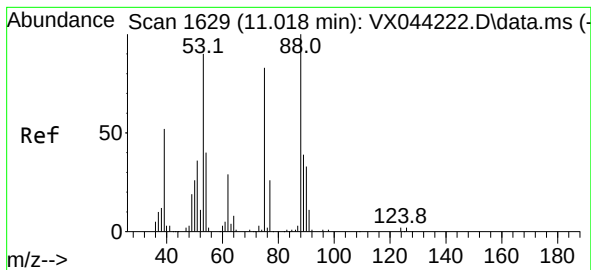
Tgt Ion:152 Resp: 86872
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.5 133.3
 150 157.5 0.0 353.8



#76
 1,2,3-Trichloropropane
 Concen: 31.451 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044476.D
 Acq: 23 Dec 2024 13:43

Tgt Ion: 75 Resp: 61004
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.9 62.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 85.647 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX044476.D

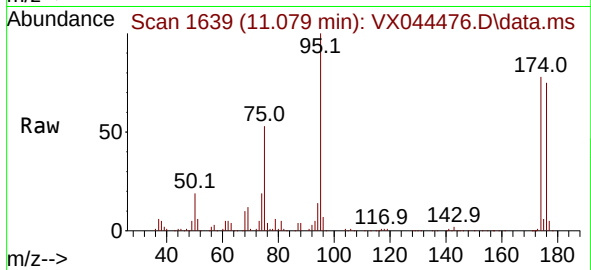
Acq: 23 Dec 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20241217



Tgt Ion: 75 Resp: 61004

Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

89 0.0 37.3 55.9#

