

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028072.D
 Acq On : 12 Apr 2022 21:26
 Operator : JC/MD
 Sample : N2334-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18R

Quant Time: Apr 13 01:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	205644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157414	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135314	48.501	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.000%
35) Dibromofluoromethane	5.391	113	117704	50.158	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.320%
50) Toluene-d8	8.653	98	441513	50.447	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.900%
62) 4-Bromofluorobenzene	11.085	95	146779	44.916	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.840%

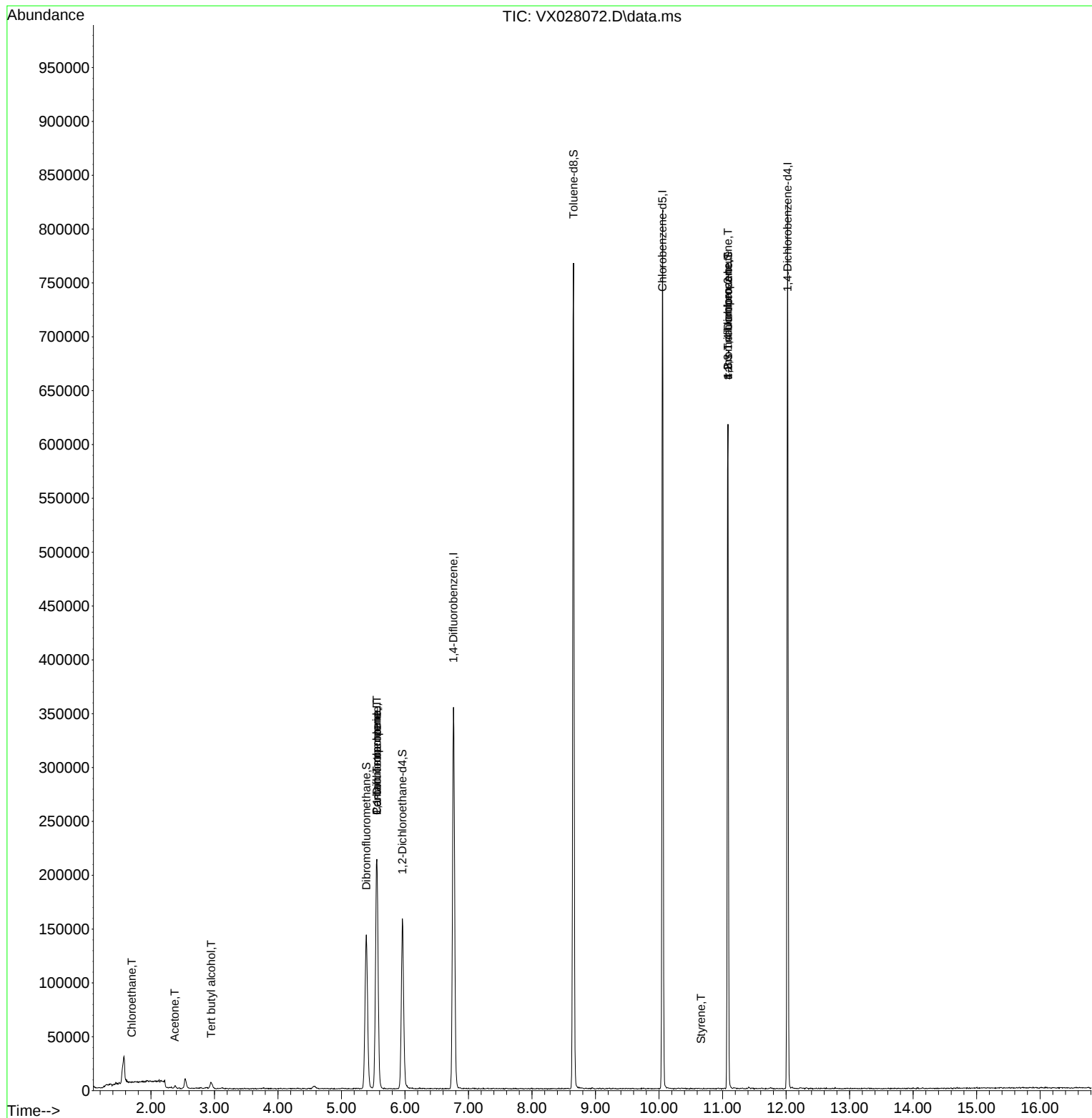
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.617	94	580	Below Cal	#	28
6) Chloroethane	1.697	64	159	2.671	ug/l #	43
11) Tert butyl alcohol	2.946	59	4477	6.913	ug/l #	79
13) Acrolein	2.245	56	25	Below Cal	#	76
16) Acetone	2.373	43	2729	2.348	ug/l	100
36) 1,1-Dichloropropene	5.556	75	16593	4.633	ug/l #	49
38) Carbon Tetrachloride	5.556	117	21062	5.508	ug/l #	15
70) Styrene	10.658	104	66	4.710	ug/l #	26
76) 1,2,3-Trichloropropane	11.085	75	80835	23.067	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	80835	64.967	ug/l #	15

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

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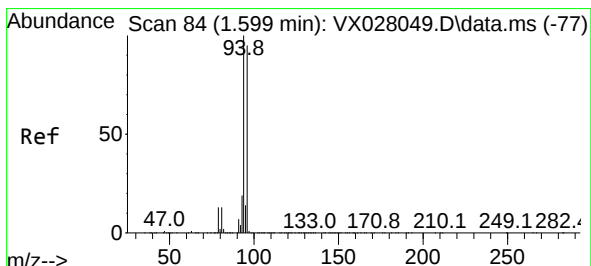
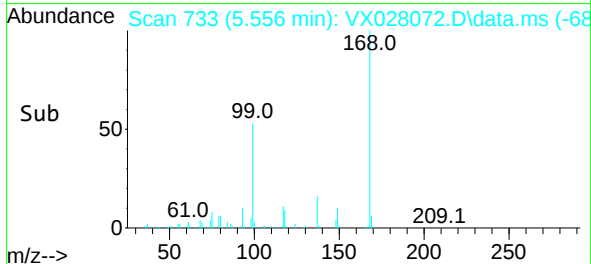
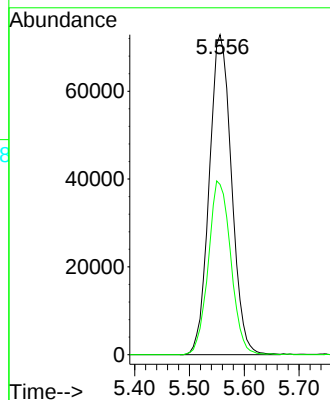
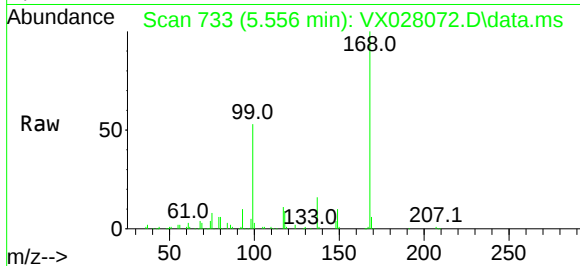




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

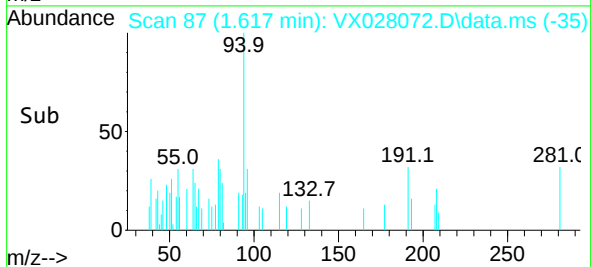
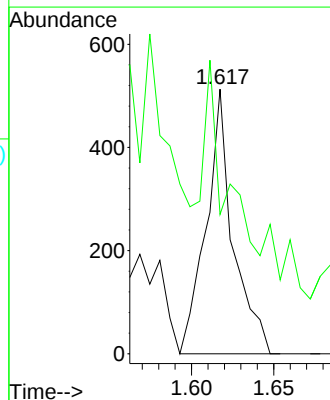
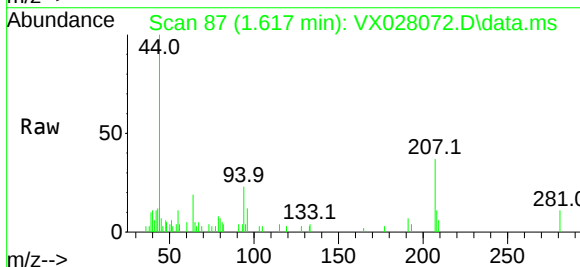
Instrument :
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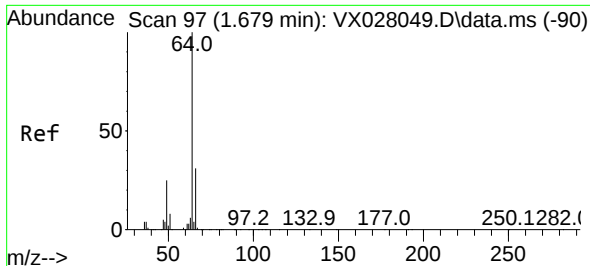
Tgt Ion:168 Resp: 205644
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

Tgt Ion: 94 Resp: 580
Ion Ratio Lower Upper
94 100
96 24.8 75.3 112.9#

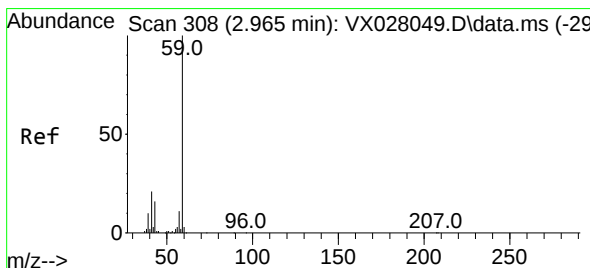
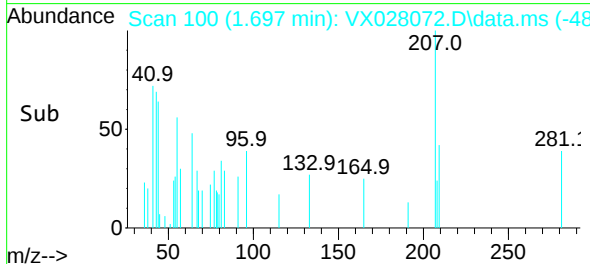
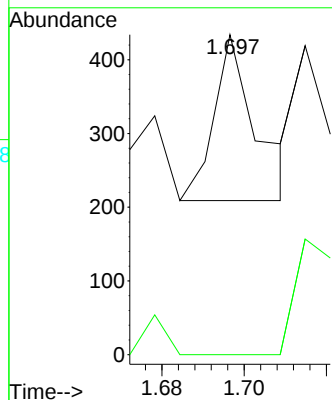
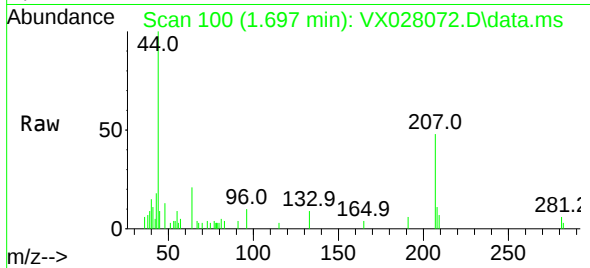




#6
Chloroethane
Concen: 2.671 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

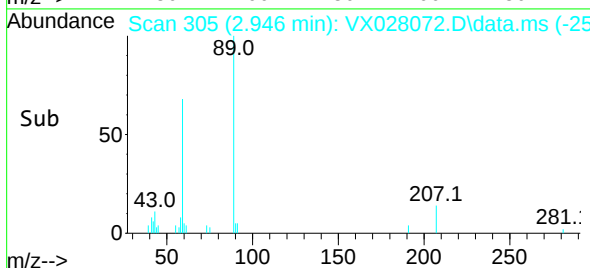
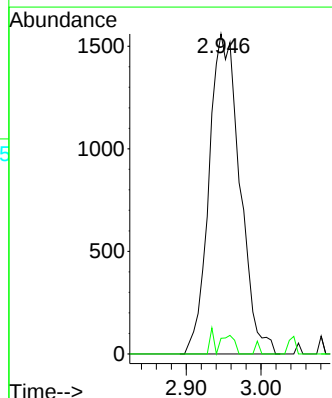
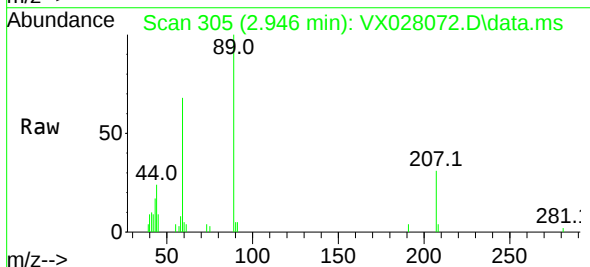
Instrument :
MSVOA_X
ClientSampleId :
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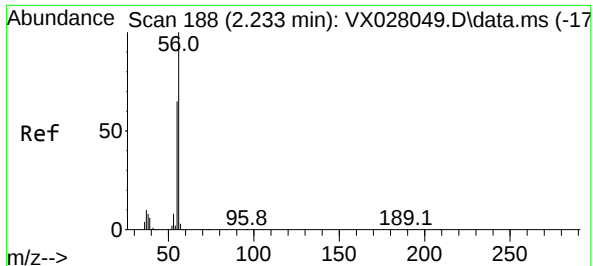
Tgt Ion: 64 Resp: 159
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 6.913 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

Tgt Ion: 59 Resp: 4477
Ion Ratio Lower Upper
59 100
57 2.5 8.3 12.5#

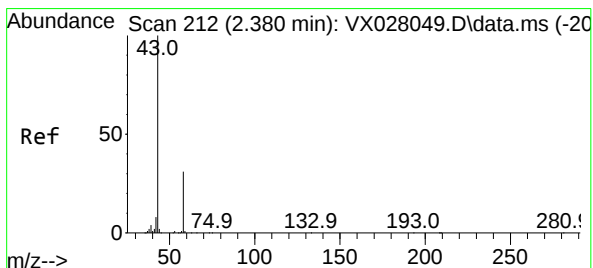
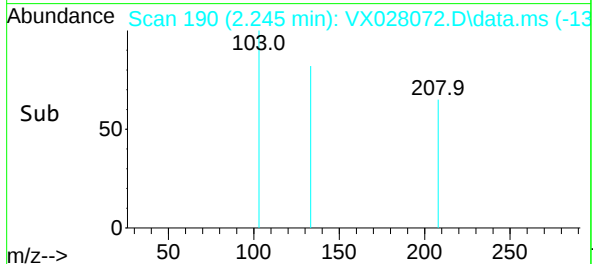
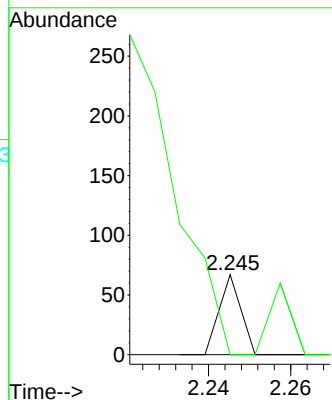
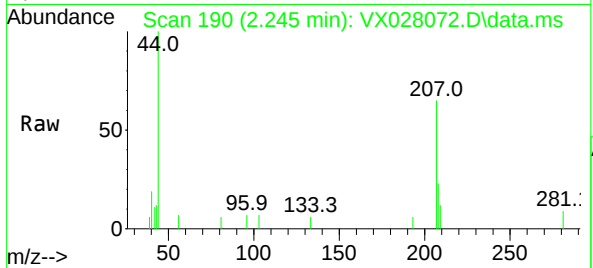




#13
Acrolein
Concen: Below Cal
RT: 2.245 min Scan# 19
Delta R.T. 0.012 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

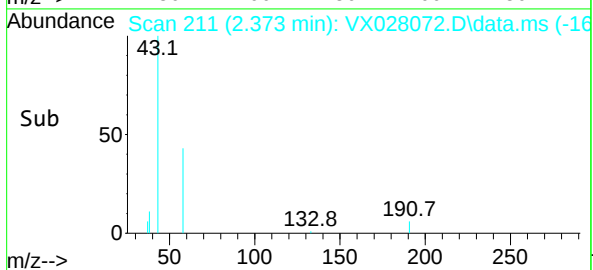
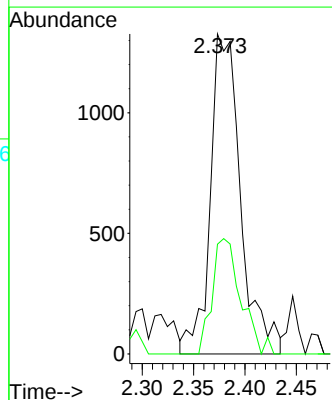
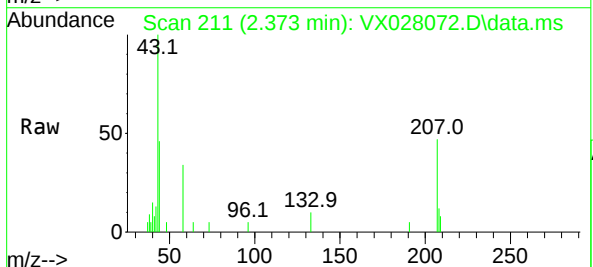
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

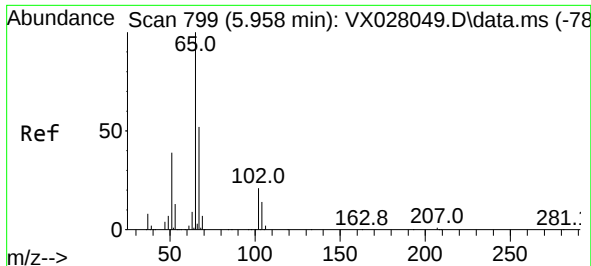
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 88.0 55.0 82.6#



#16
Acetone
Concen: 2.348 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2





#33

1,2-Dichloroethane-d4

Concen: 48.501 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028072.D

Acq: 12 Apr 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

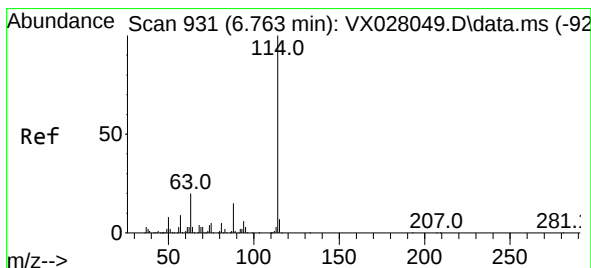
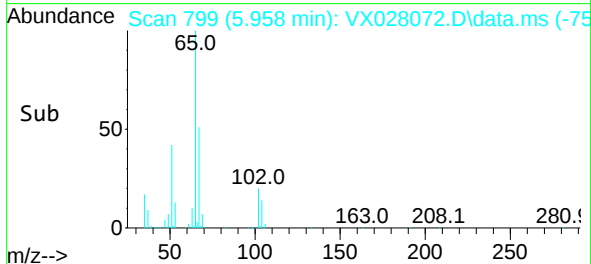
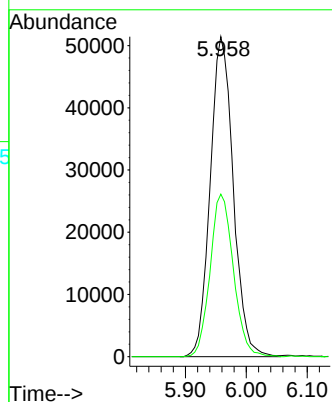
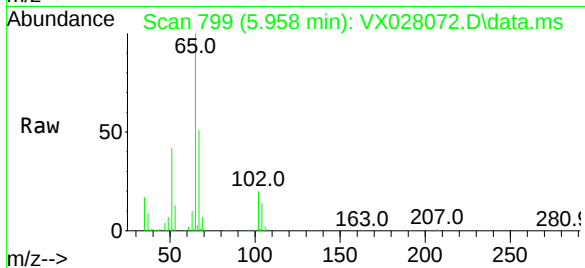
MW-18R

Tgt Ion: 65 Resp: 135314

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028072.D

Acq: 12 Apr 2022 21:26

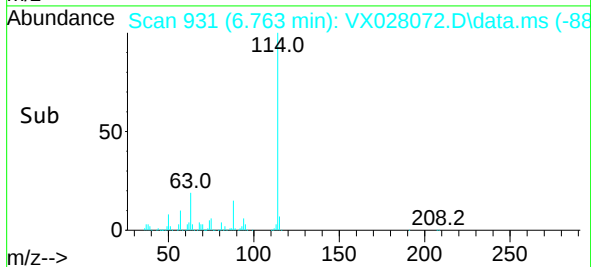
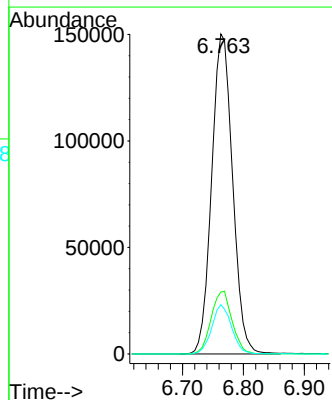
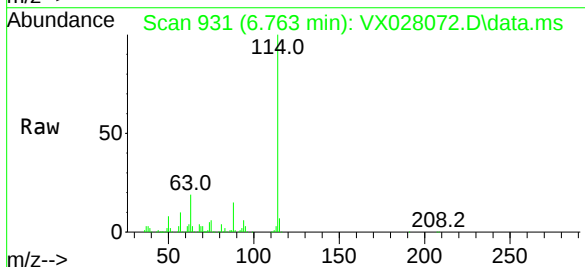
Tgt Ion: 114 Resp: 358123

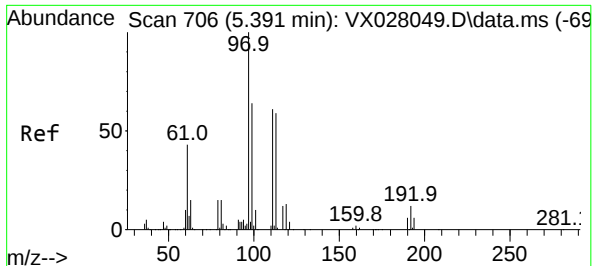
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.158 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028072.D

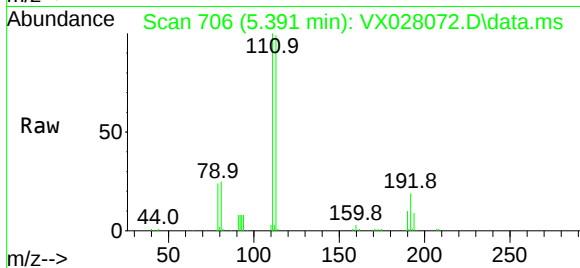
Acq: 12 Apr 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

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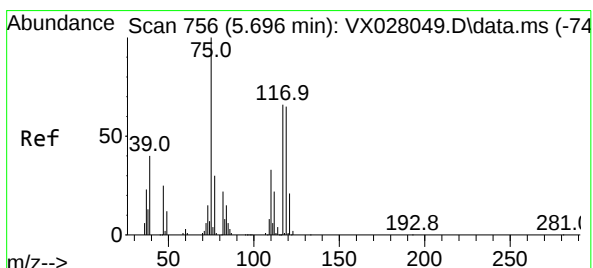
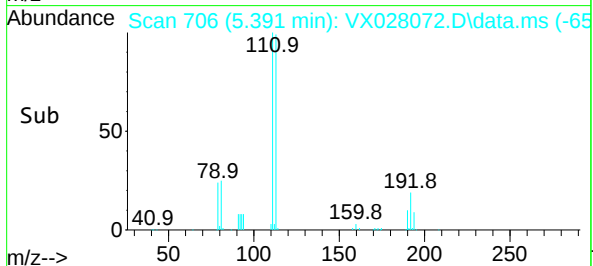
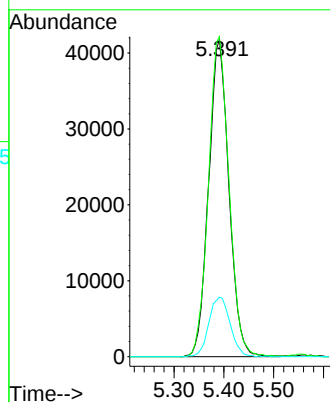
Tgt Ion:113 Resp: 117704

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 19.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.633 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028072.D

Acq: 12 Apr 2022 21:26

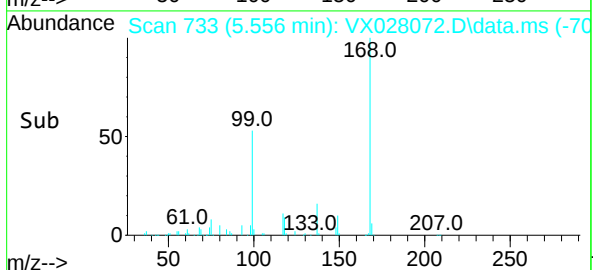
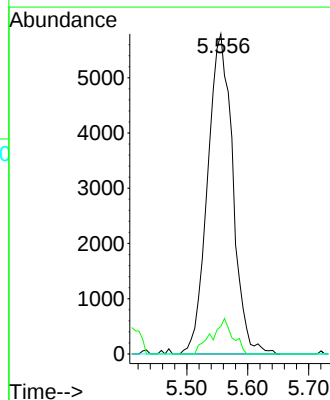
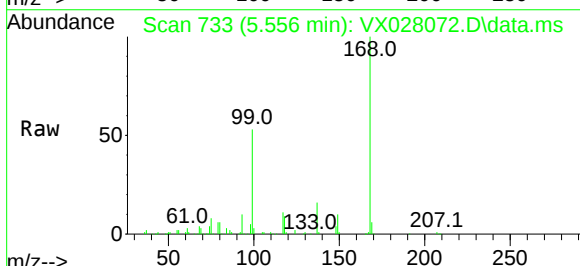
Tgt Ion: 75 Resp: 16593

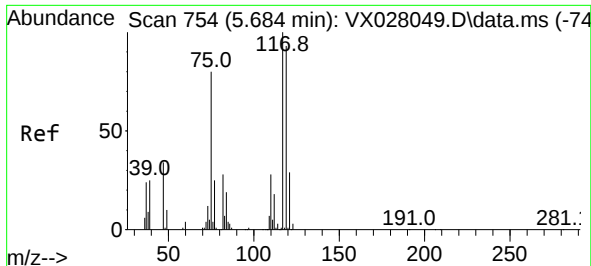
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 24.8 37.2#

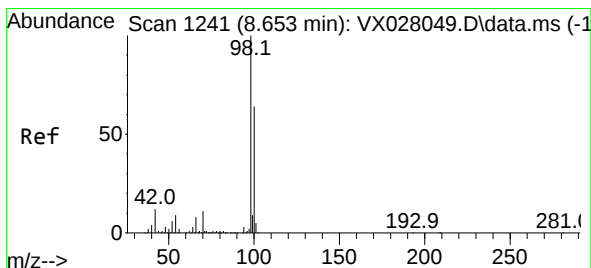
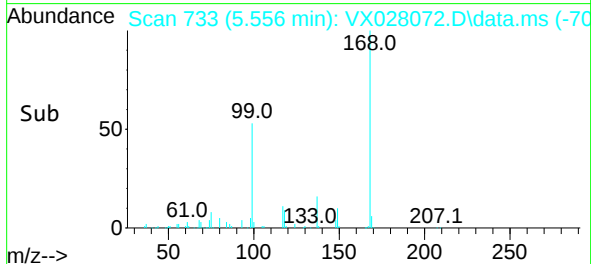
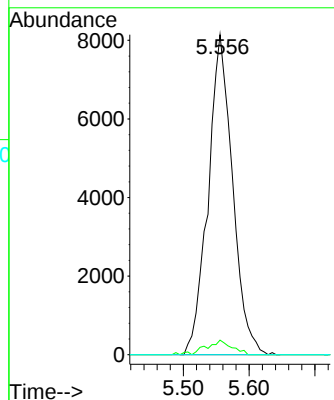
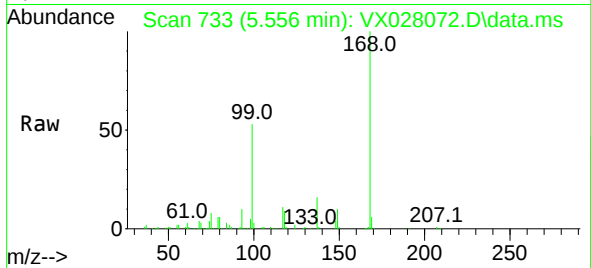




#38
Carbon Tetrachloride
Concen: 5.508 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

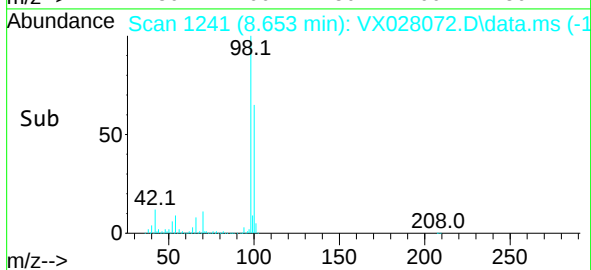
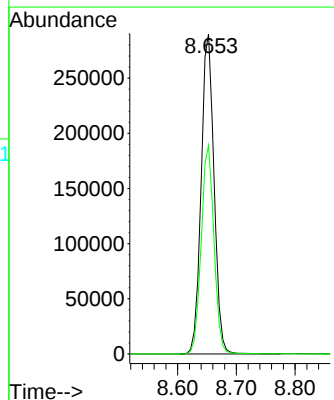
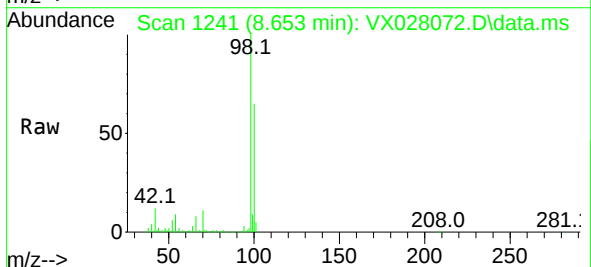
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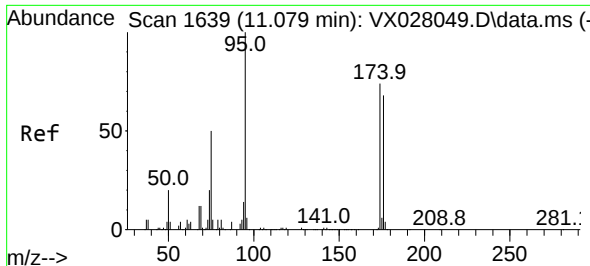
Tgt Ion:117 Resp: 21062
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.447 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

Tgt Ion: 98 Resp: 441513
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

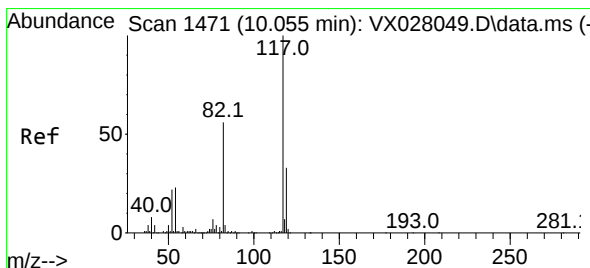
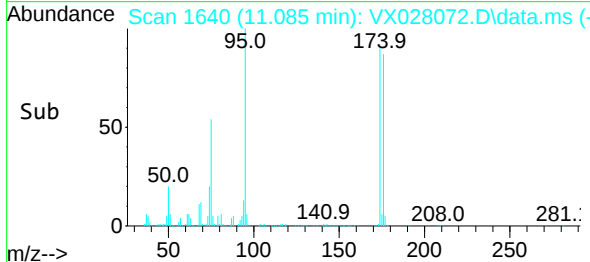
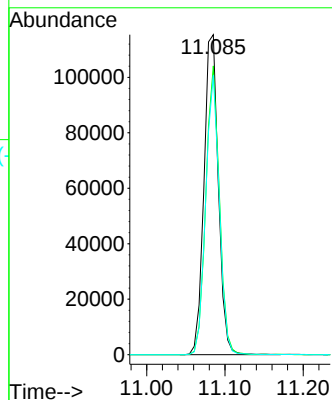
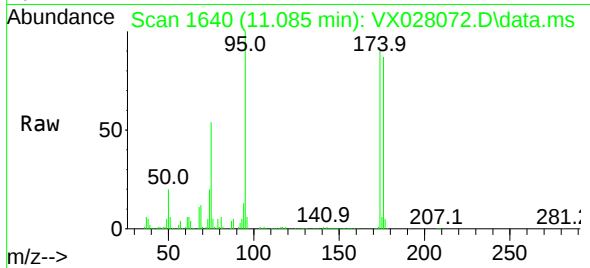




#62
4-Bromofluorobenzene
Concen: 44.916 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

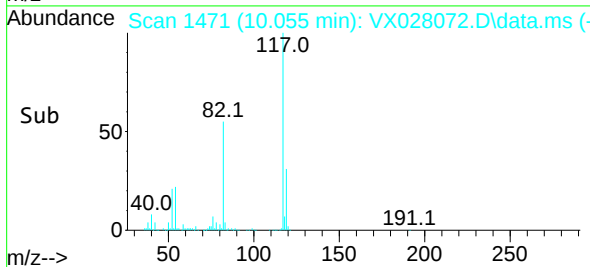
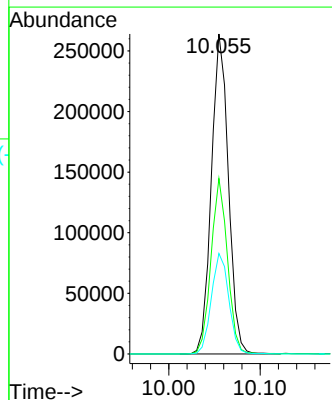
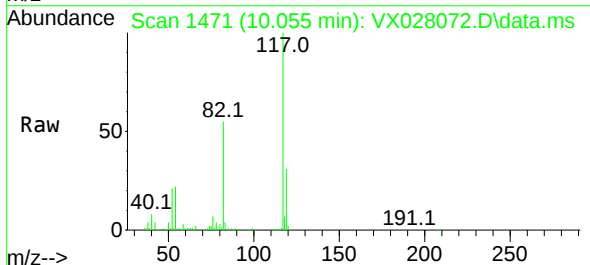
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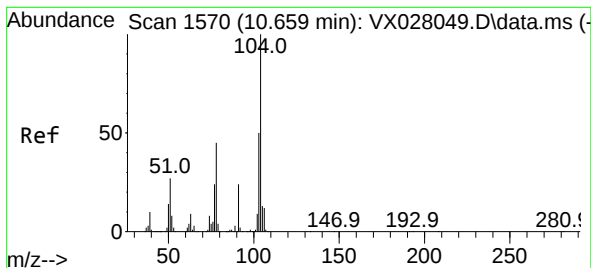
Tgt Ion: 95 Resp: 146779
Ion Ratio Lower Upper
95 100
174 85.3 0.0 163.0
176 83.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028072.D
Acq: 12 Apr 2022 21:26

Tgt Ion: 117 Resp: 340375
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 31.4 24.8 37.2





#70

Styrene

Concen: 4.710 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.001 min

Lab File: VX028072.D

Acq: 12 Apr 2022 21:26

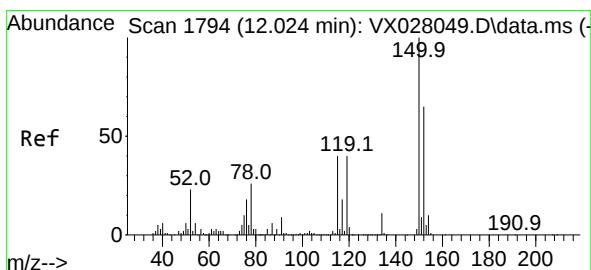
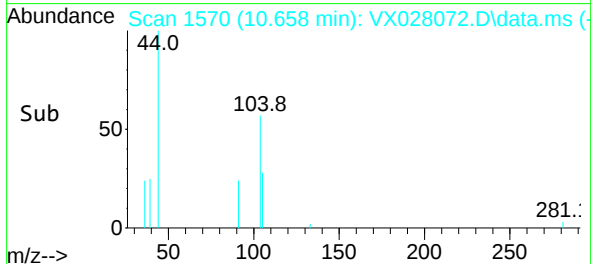
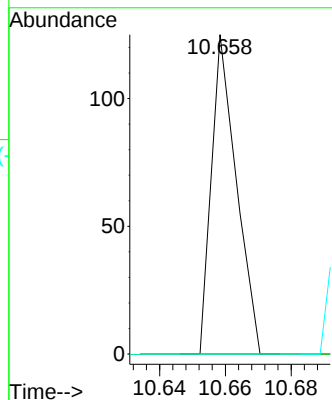
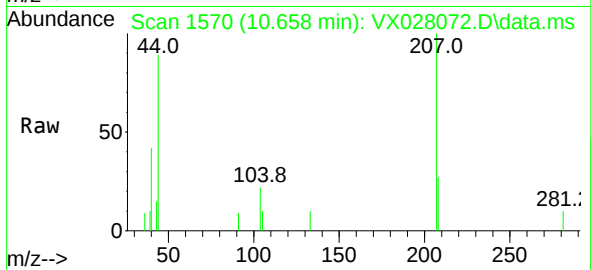
Instrument :

MSVOA_X

ClientSampleId :

MW-18R

Tgt Ion:104	Resp:	66
Ion Ratio	Lower	Upper
104	100	
78	0.0	38.6 57.8#
103	0.0	43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

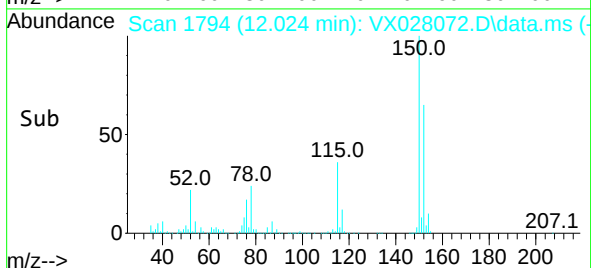
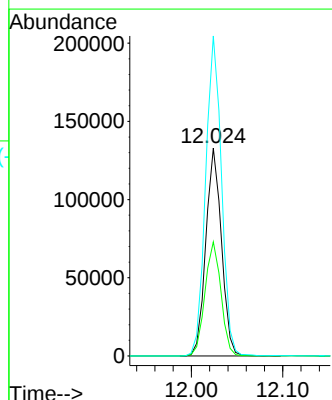
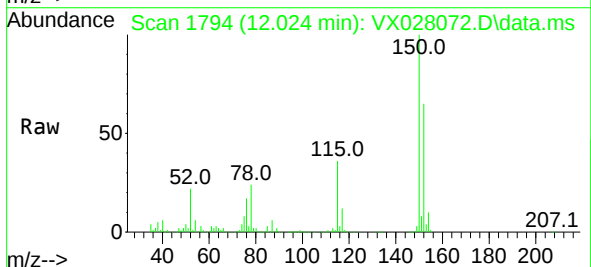
RT: 12.024 min Scan# 1794

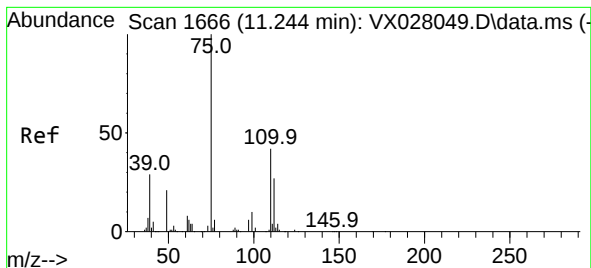
Delta R.T. -0.000 min

Lab File: VX028072.D

Acq: 12 Apr 2022 21:26

Tgt Ion:152	Resp:	157414
Ion Ratio	Lower	Upper
152	100	
115	56.1	37.5 112.7
150	156.2	0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 23.067 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX028072.D

Acq: 12 Apr 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

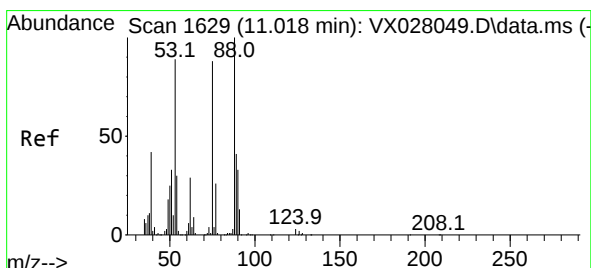
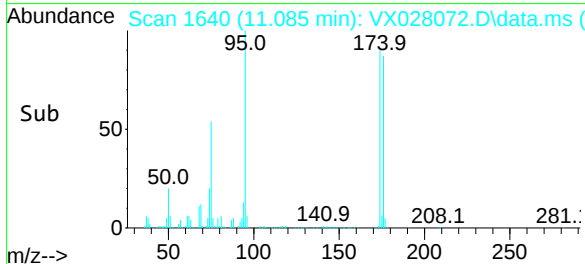
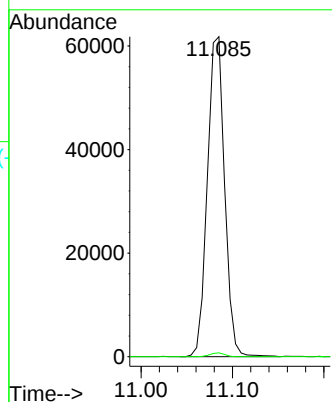
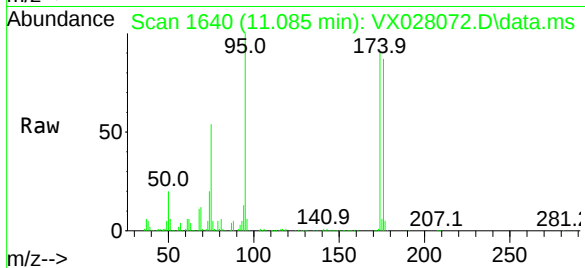
MW-18R

Tgt Ion: 75 Resp: 80835

Ion Ratio Lower Upper

75 100

77 1.0 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.967 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX028072.D

Acq: 12 Apr 2022 21:26

Tgt Ion: 75 Resp: 80835

Ion Ratio Lower Upper

75 100

53 0.1 69.0 103.4#

89 0.0 37.0 55.6#

