

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026646.D
 Acq On : 28 Jan 2022 13:16
 Operator : JC/MD
 Sample : N1297-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Jan 29 02:18:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

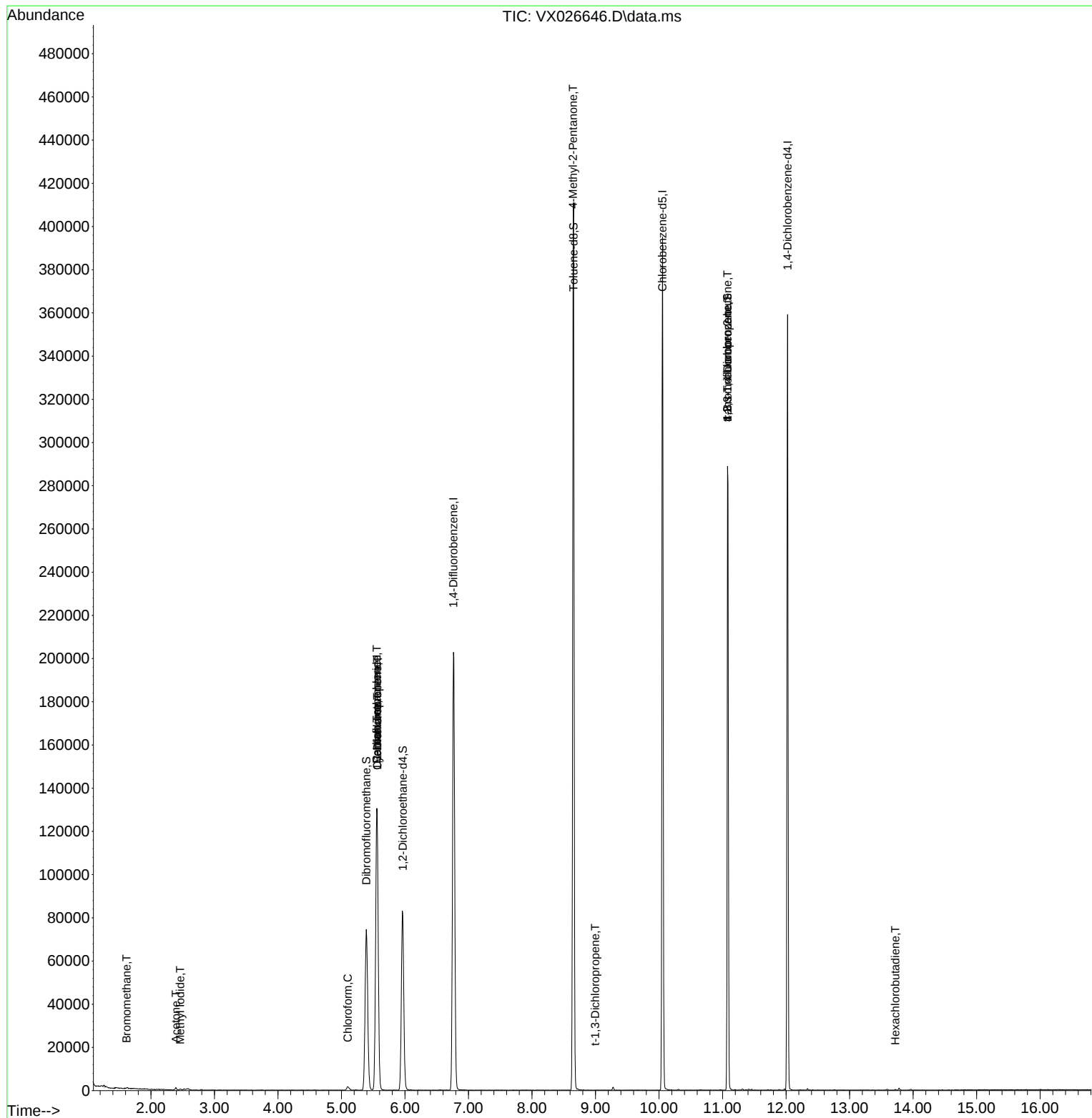
Internal Standards						
1) Pentafluorobenzene	5.556	168	124168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80014	46.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.260%
35) Dibromofluoromethane	5.391	113	65959	48.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	8.653	98	241676	49.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.400%
62) 4-Bromofluorobenzene	11.079	95	81058	46.924	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	175	0.269	ug/l #	79
10) Methyl Iodide	2.459	142	611	4.826	ug/l #	84
16) Acetone	2.392	43	1192	1.348	ug/l	97
30) Chloroform	5.099	83	2082	0.766	ug/l	86
31) Cyclohexane	5.562	56	2442	0.955	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9519	4.468	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12759	5.823	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1022	0.495	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	19	1.887	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	40452	25.772	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	40452	78.183	ug/l #	3
94) Hexachlorobutadiene	13.719	225	133	0.207	ug/l	72

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

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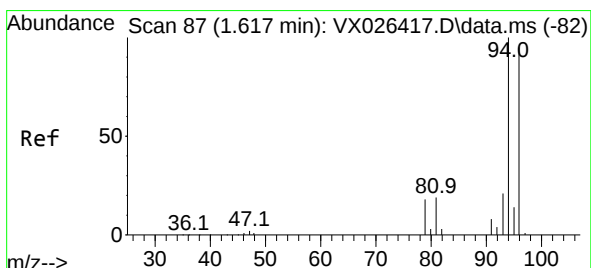
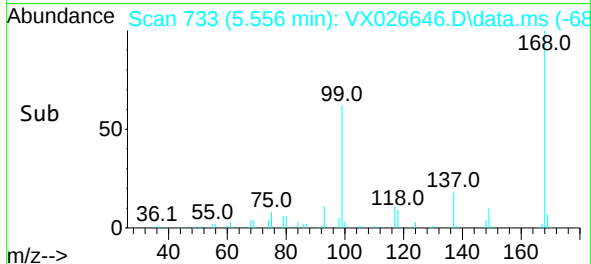
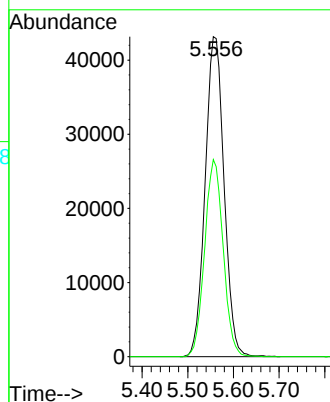
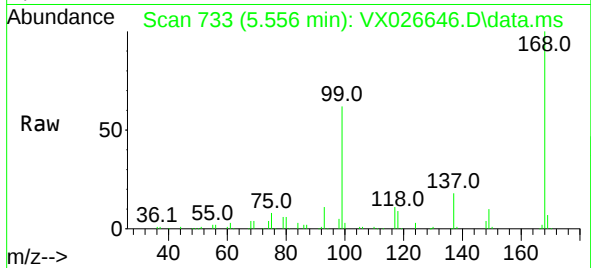




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

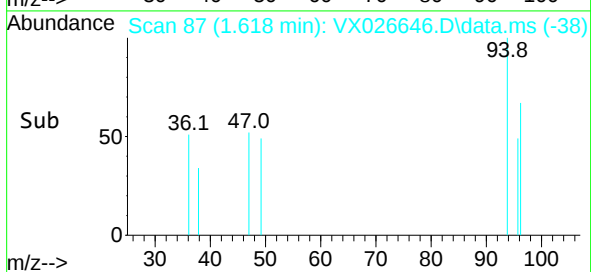
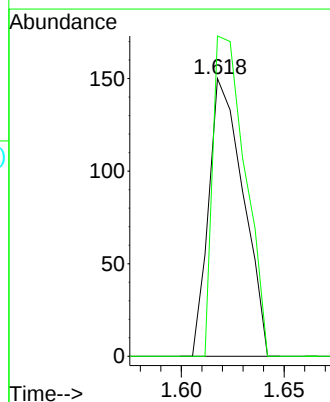
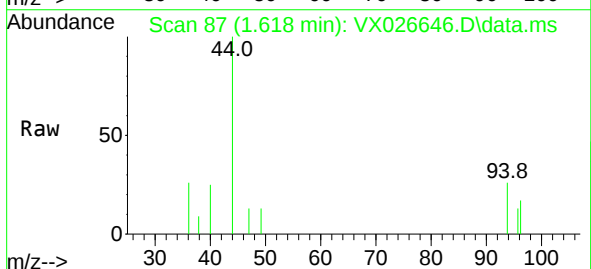
Instrument :
MSVOA_X
ClientSampleId :
MW-17

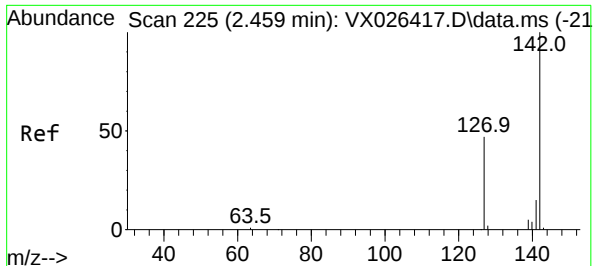
Tgt Ion:168 Resp: 124168
Ion Ratio Lower Upper
168 100
99 61.6 50.3 75.5



#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 115.3 75.9 113.9#

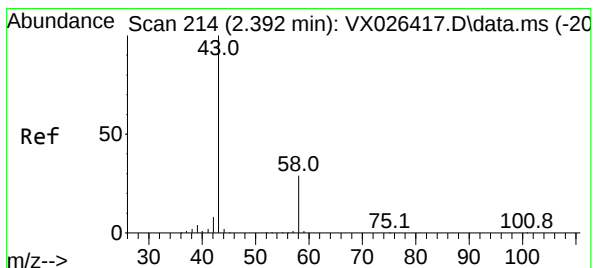
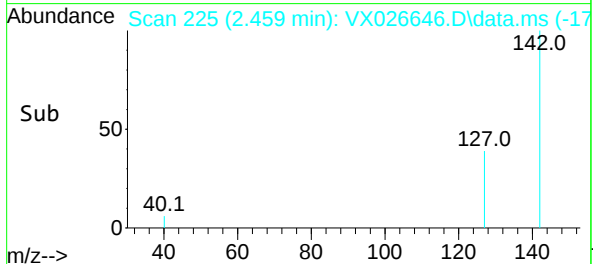
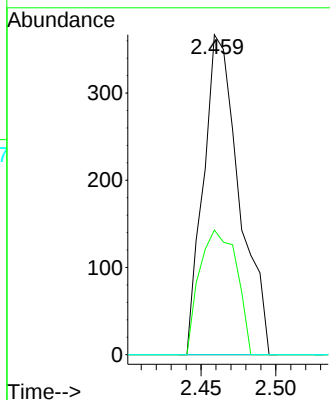
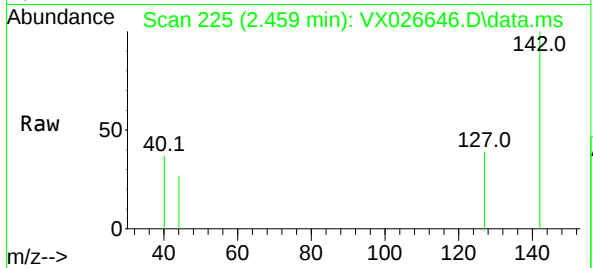




#10
Methyl Iodide
Concen: 4.826 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

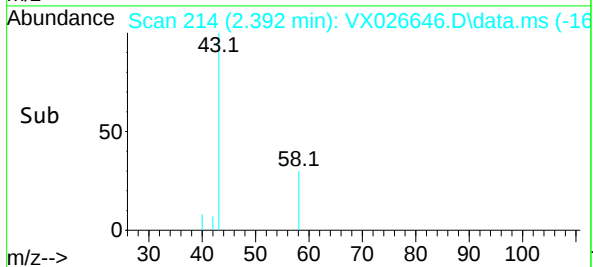
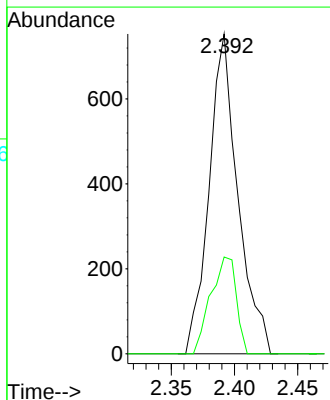
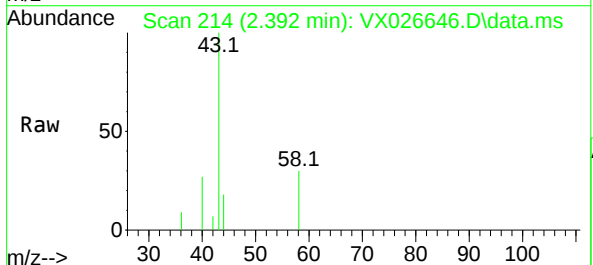
Instrument :
MSVOA_X
ClientSampleId :
MW-17

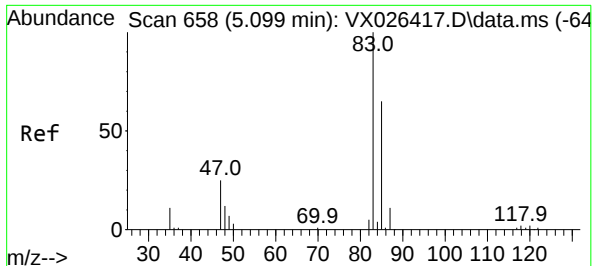
Tgt Ion:142 Resp: 611
Ion Ratio Lower Upper
142 100
127 40.3 38.1 57.1
141 0.0 11.2 16.8#



#16
Acetone
Concen: 1.348 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
58 30.3 23.0 34.6





#30

Chloroform

Concen: 0.766 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026646.D

Acq: 28 Jan 2022 13:16

Instrument :

MSVOA_X

ClientSampleId :

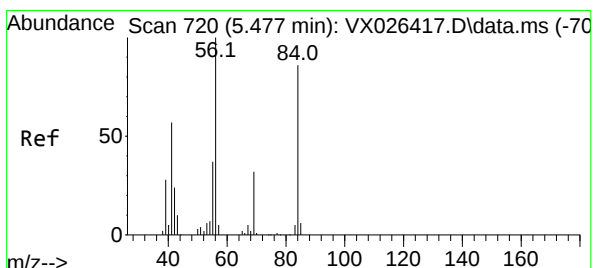
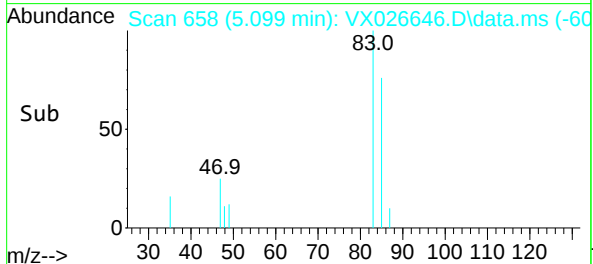
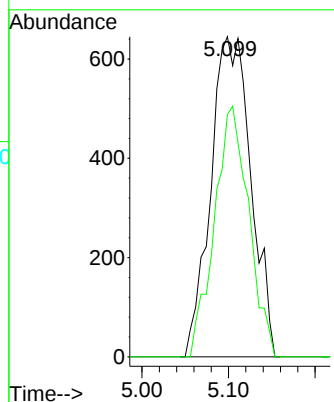
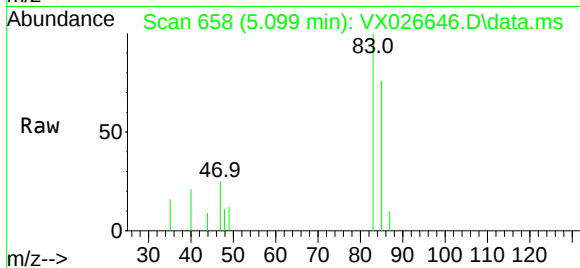
MW-17

Tgt Ion: 83 Resp: 2082

Ion Ratio Lower Upper

83 100

85 75.7 51.6 77.4



#31

Cyclohexane

Concen: 0.955 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026646.D

Acq: 28 Jan 2022 13:16

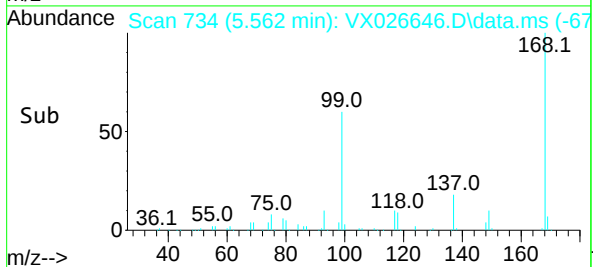
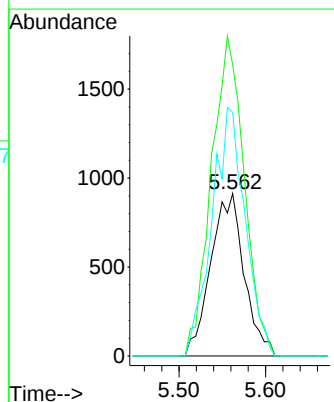
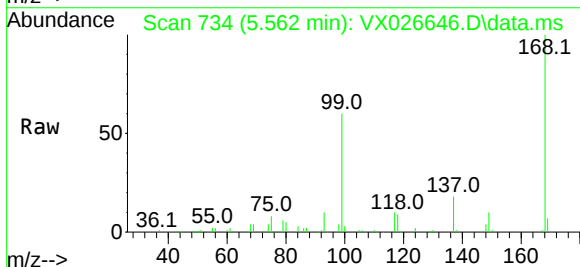
Tgt Ion: 56 Resp: 2442

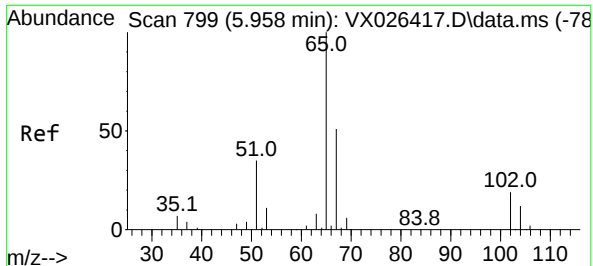
Ion Ratio Lower Upper

56 100

69 179.3 25.8 38.6#

84 150.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.130 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026646.D

Acq: 28 Jan 2022 13:16

Instrument :

MSVOA_X

ClientSampleId :

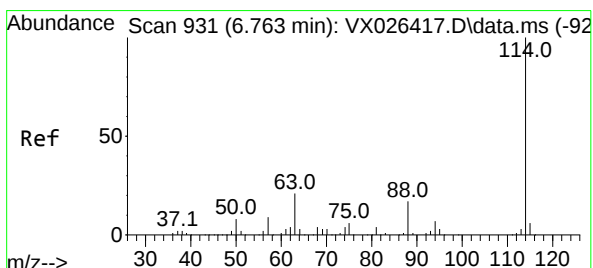
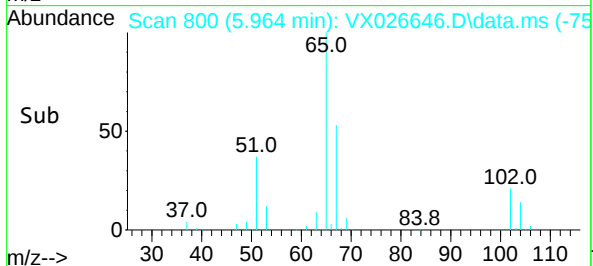
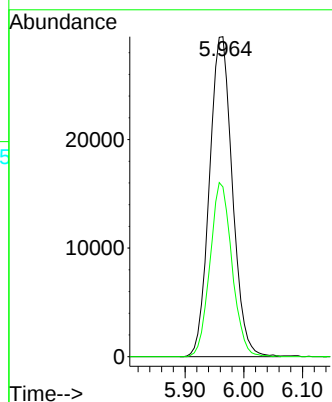
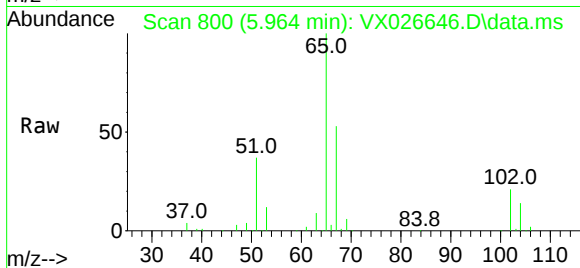
MW-17

Tgt Ion: 65 Resp: 80014

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026646.D

Acq: 28 Jan 2022 13:16

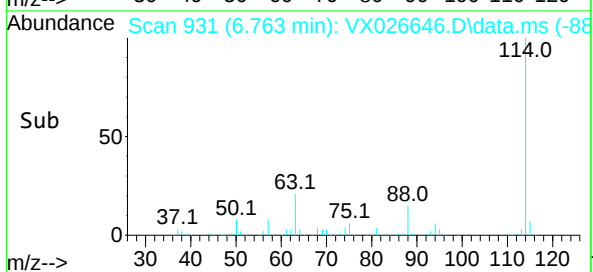
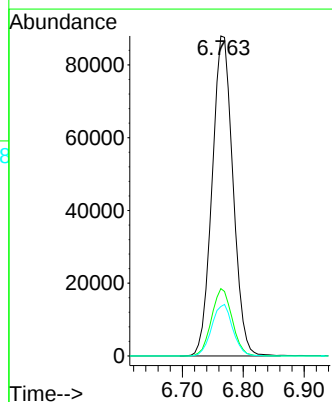
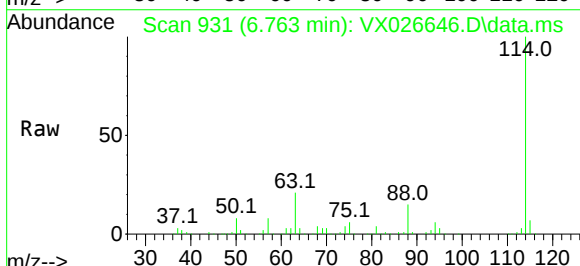
Tgt Ion: 114 Resp: 208964

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 15.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.879 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026646.D

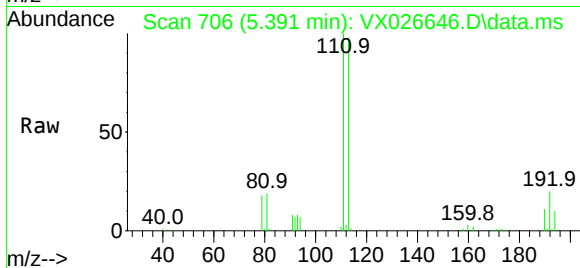
Acq: 28 Jan 2022 13:16

Instrument :

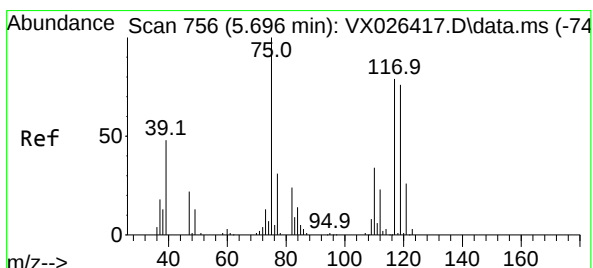
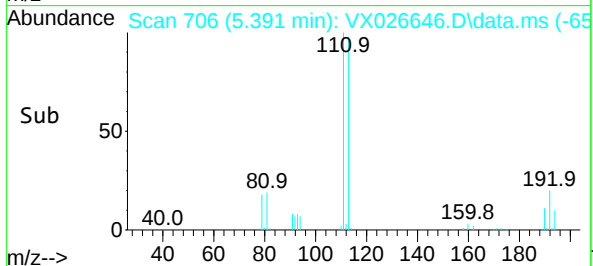
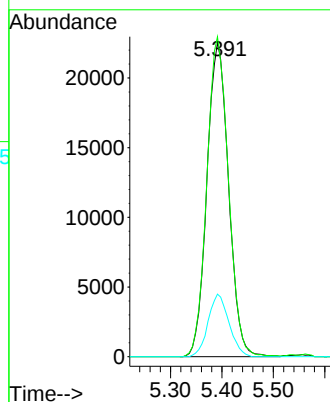
MSVOA_X

ClientSampleId :

MW-17



Tgt Ion:	113	Resp:	65959
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.2	121.8
192	19.2	15.0	22.4



#36

1,1-Dichloropropene

Concen: 4.468 ug/l

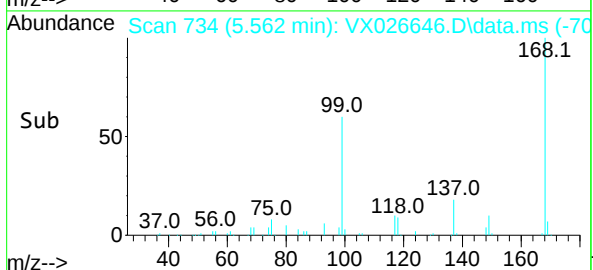
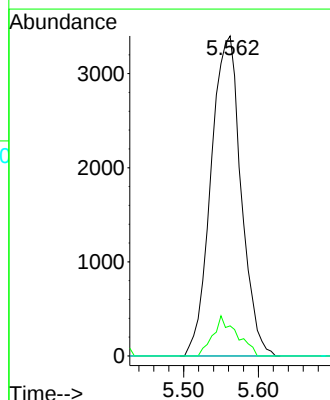
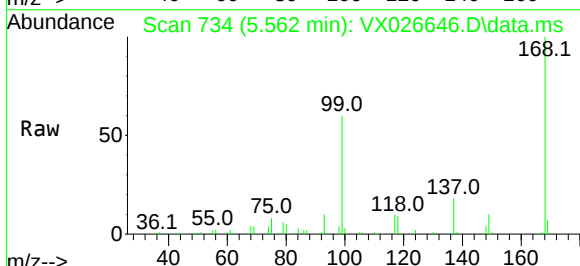
RT: 5.562 min Scan# 734

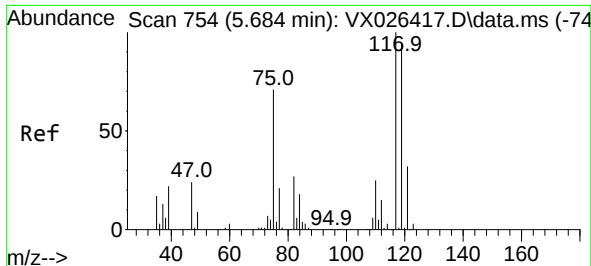
Delta R.T. -0.134 min

Lab File: VX026646.D

Acq: 28 Jan 2022 13:16

Tgt Ion:	75	Resp:	9519
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.2	51.6#
77	0.0	24.6	36.8#

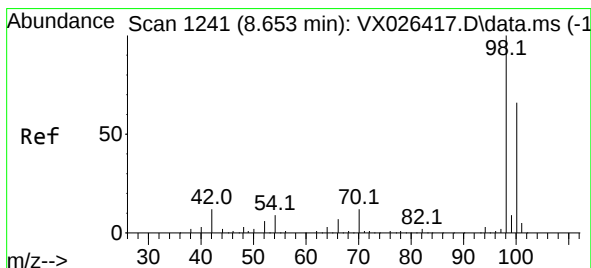
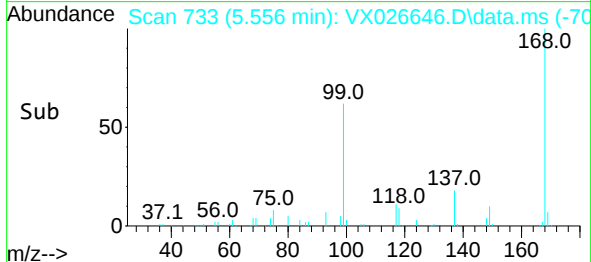
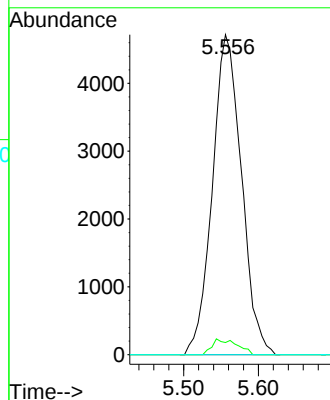
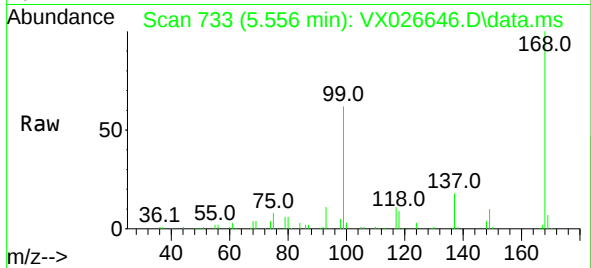




#38
Carbon Tetrachloride
Concen: 5.823 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

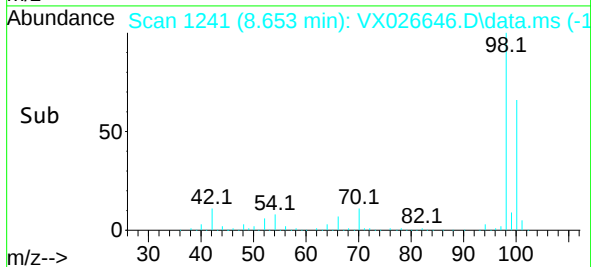
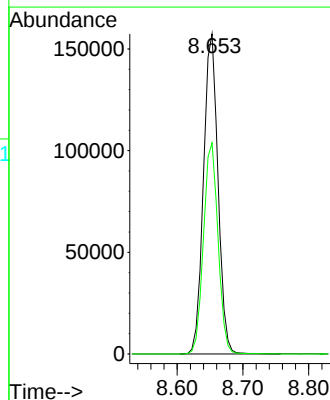
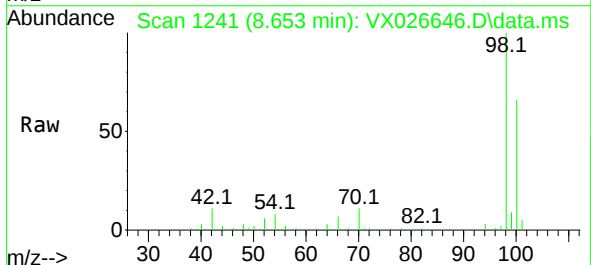
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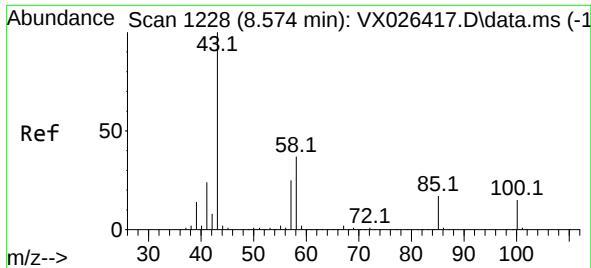
Tgt Ion:117 Resp: 12759
Ion Ratio Lower Upper
117 100
119 3.8 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.699 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

Tgt Ion: 98 Resp: 241676
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

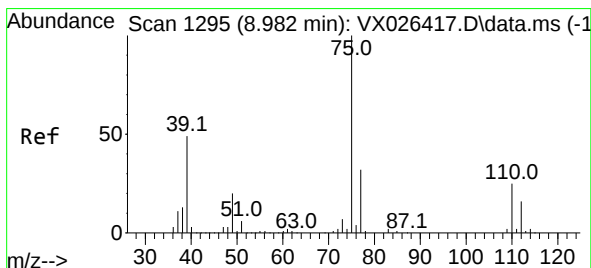
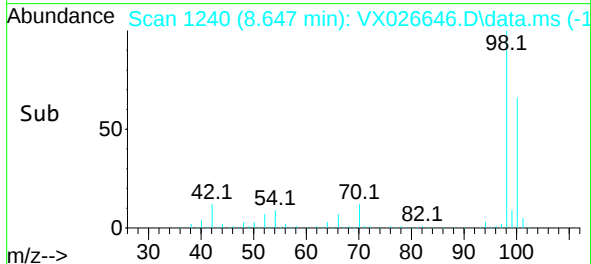
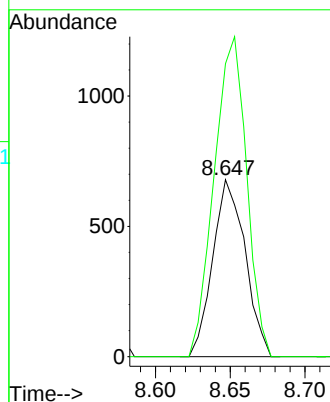
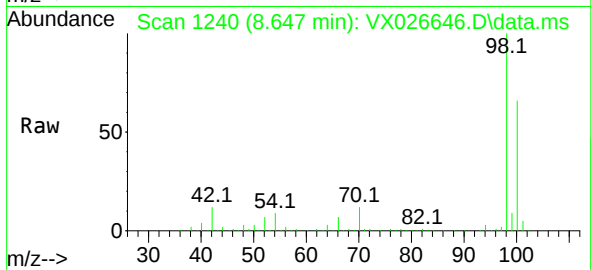




#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

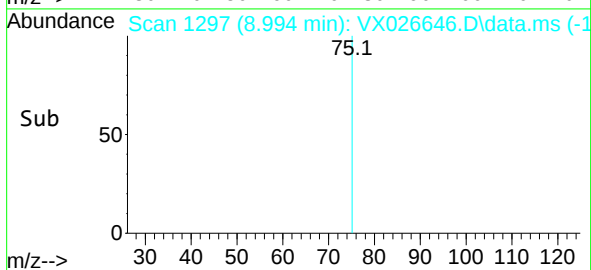
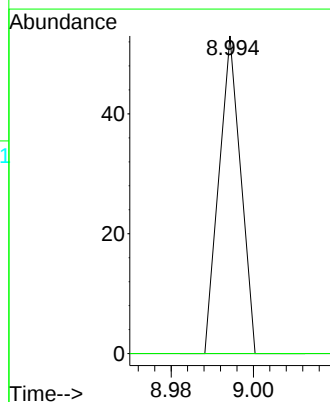
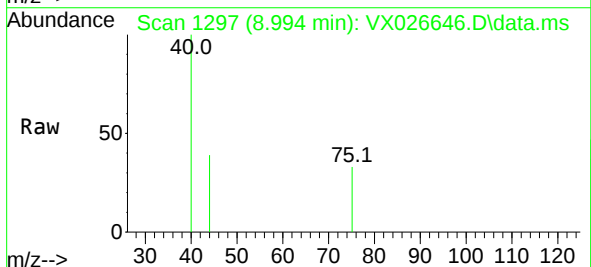
Instrument :
MSVOA_X
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MW-17

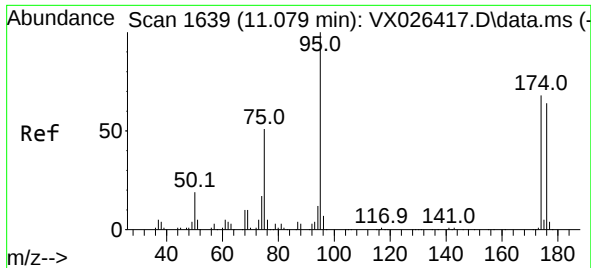
Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 181.3 30.5 45.7#



#53
t-1,3-Dichloropropene
Concen: 1.887 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

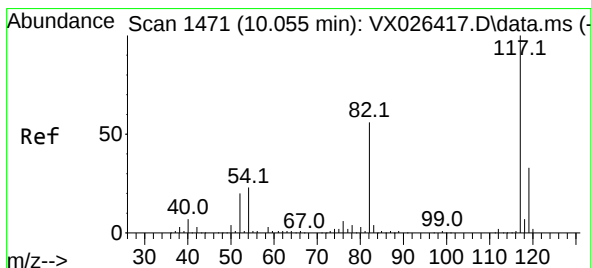
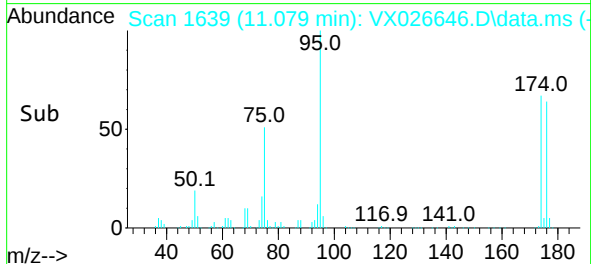
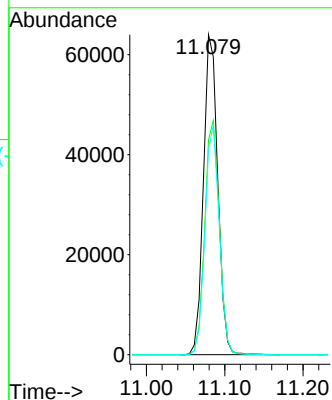
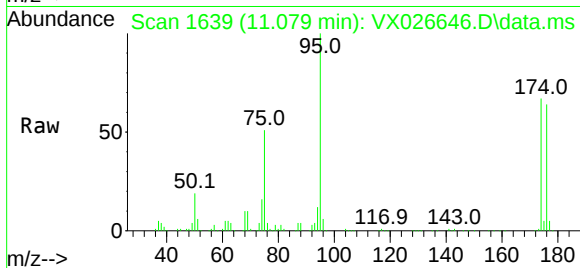




#62
4-Bromofluorobenzene
Concen: 46.924 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

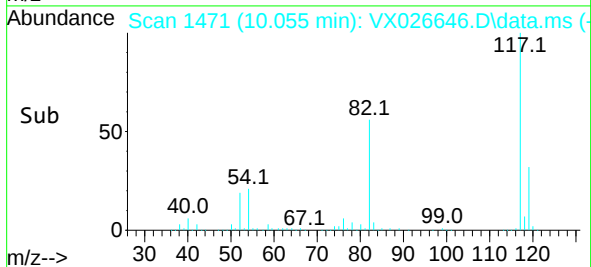
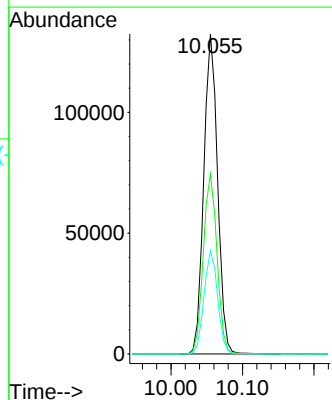
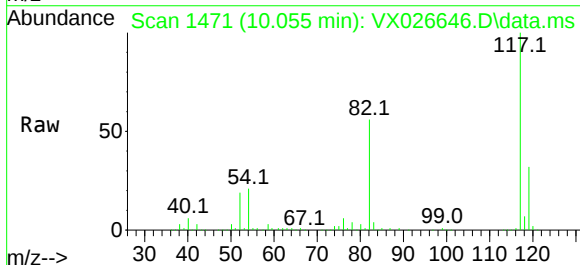
Instrument :
MSVOA_X
ClientSampleId :
MW-17

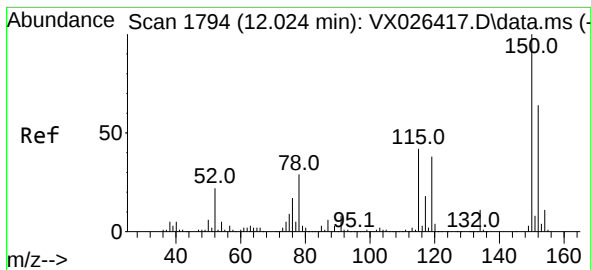
Tgt Ion: 95 Resp: 81058
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.6
176 71.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

Tgt Ion: 117 Resp: 177571
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026646.D

Acq: 28 Jan 2022 13:16

Instrument :

MSVOA_X

ClientSampleId :

MW-17

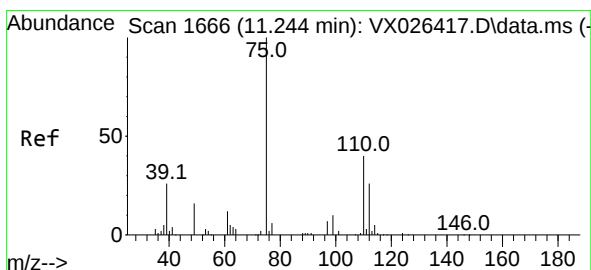
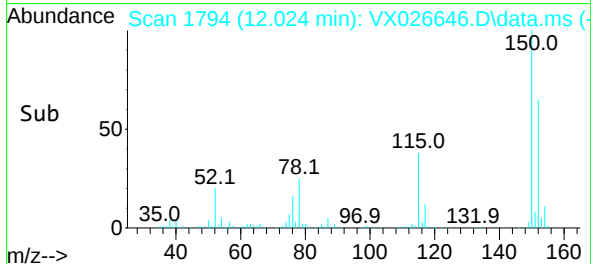
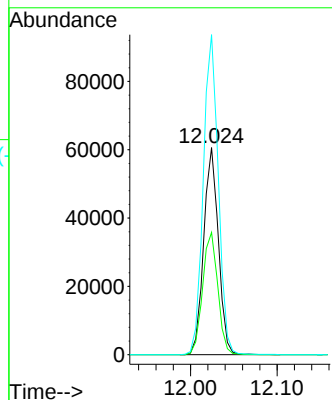
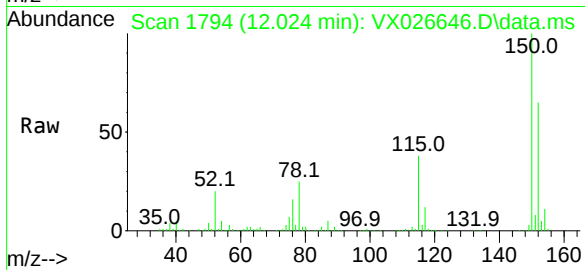
Tgt Ion:152 Resp: 71288

Ion Ratio Lower Upper

152 100

115 61.0 44.2 132.6

150 158.0 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 25.772 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX026646.D

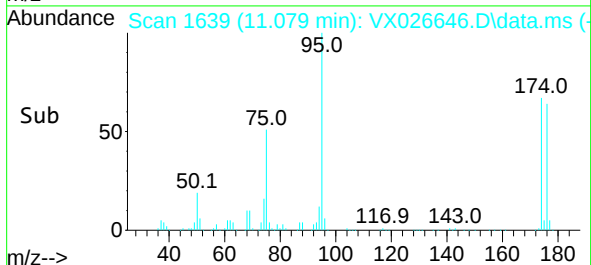
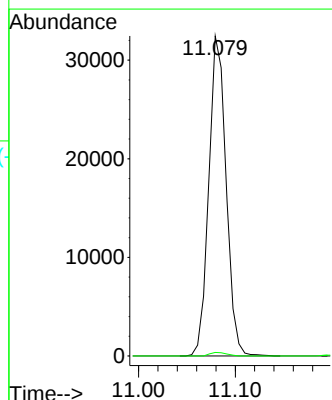
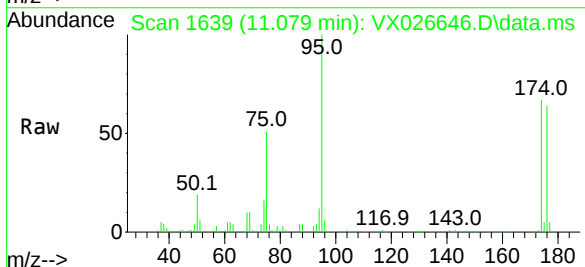
Acq: 28 Jan 2022 13:16

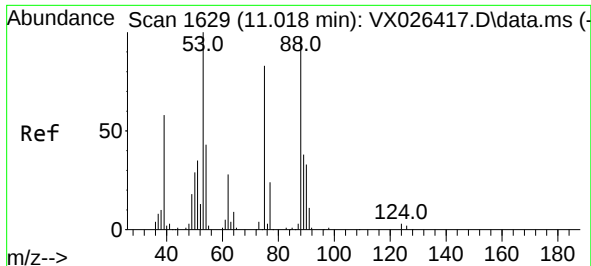
Tgt Ion: 75 Resp: 40452

Ion Ratio Lower Upper

75 100

77 1.1 18.3 54.8#

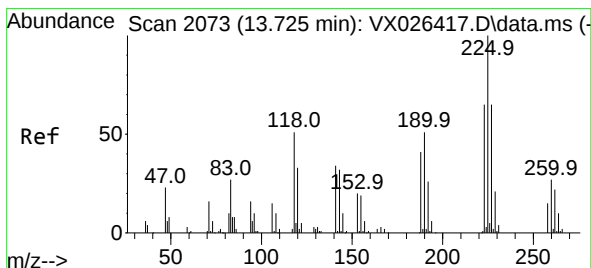
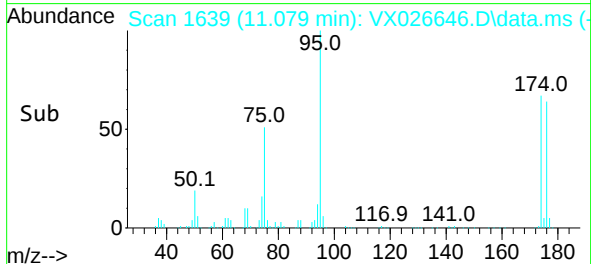
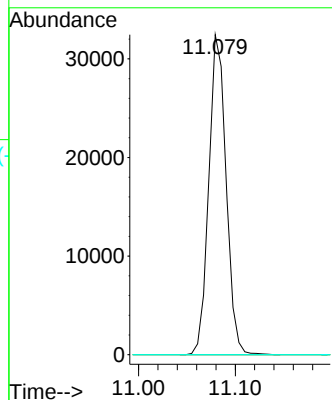
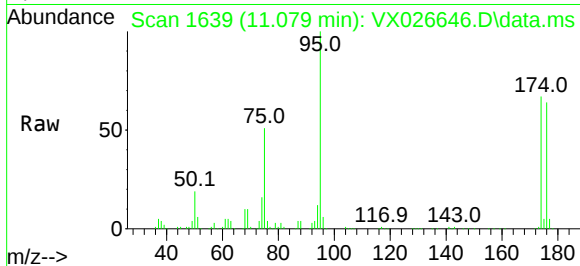




#81
trans-1,4-Dichloro-2-butene
Concen: 78.183 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion: 75 Resp: 40452
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#94
Hexachlorobutadiene
Concen: 0.207 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX026646.D
Acq: 28 Jan 2022 13:16

Tgt Ion: 225 Resp: 133
Ion Ratio Lower Upper
225 100
223 32.3 32.0 96.0
227 52.6 32.3 96.9

