

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022200.D
 Acq On : 26 May 2021 16:18
 Operator : JC/MD
 Sample : M2526-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20210525

Quant Time: May 27 04:06:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

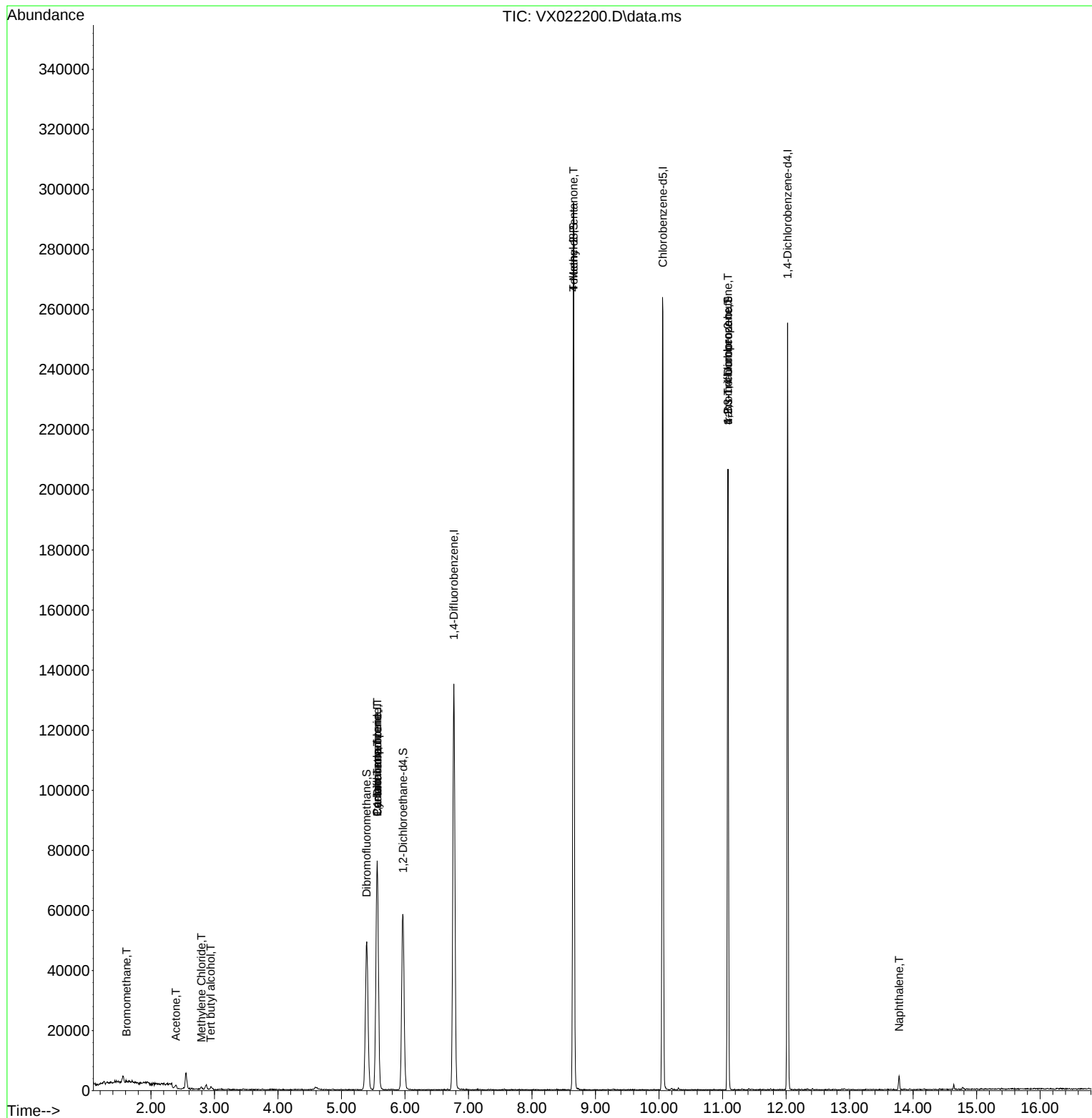
Internal Standards						
1) Pentafluorobenzene	5.562	168	66542	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135128	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	118423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	54002	52.61	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.22%	
35) Dibromofluoromethane	5.397	113	42866	50.02	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.04%	
50) Toluene-d8	8.653	98	167248	50.67	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.34%	
62) 4-Bromofluorobenzene	11.085	95	57336	46.99	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.98%	
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	235	0.44	ug/l	# 56
11) Tert butyl alcohol	2.941	59	488	2.08	ug/l	# 73
16) Acetone	2.392	43	1271	2.84	ug/l	# 80
20) Methylene Chloride	2.794	84	390	0.39	ug/l	# 71
31) Cyclohexane	5.562	56	1863	1.44	ug/l	# 17
36) 1,1-Dichloropropene	5.562	75	6223	4.98	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7342	6.01	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.653	43	756	0.50	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	29432	26.07	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29432	61.77	ug/l	# 12
95) Naphthalene	13.780	128	2993	0.84	ug/l	# 95

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210525

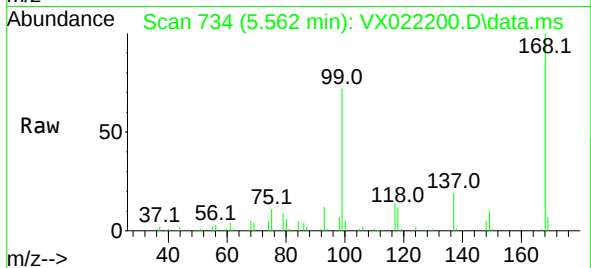
Quant Time: May 27 04:06:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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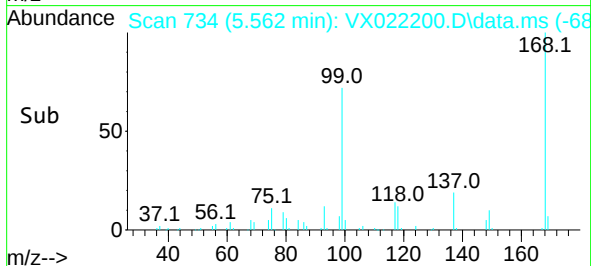
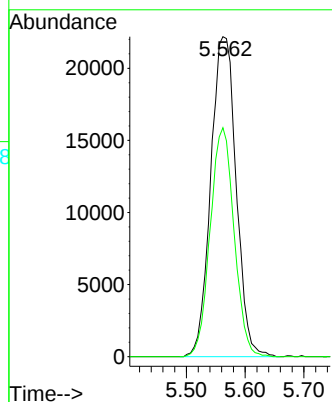


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210525

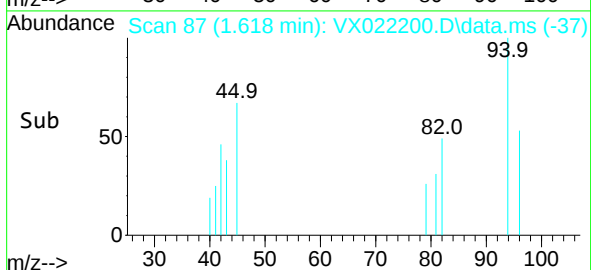
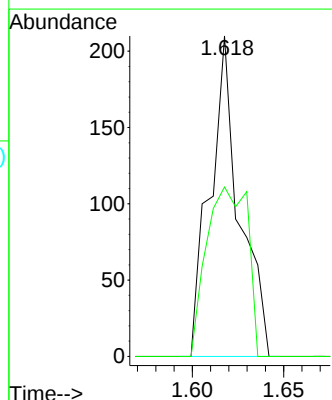
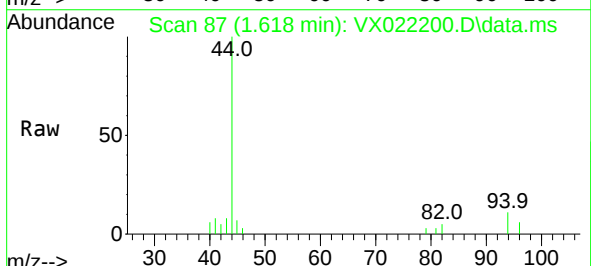


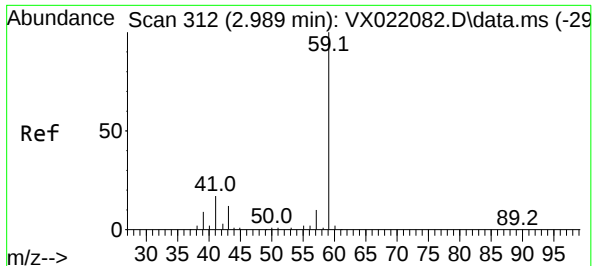
Tgt Ion:168 Resp: 66542
Ion Ratio Lower Upper
168 100
99 71.6 45.8 68.6#



#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 52.9 76.4 114.6#



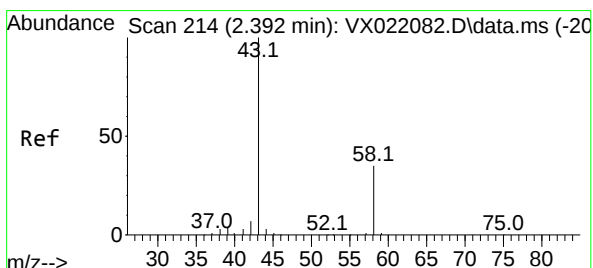
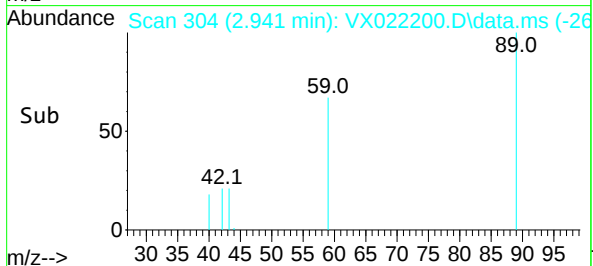
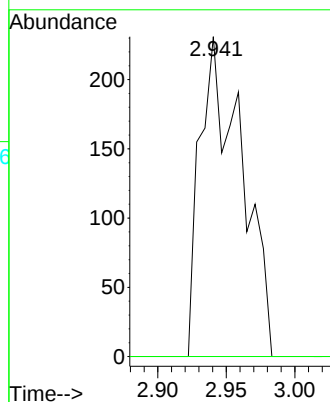
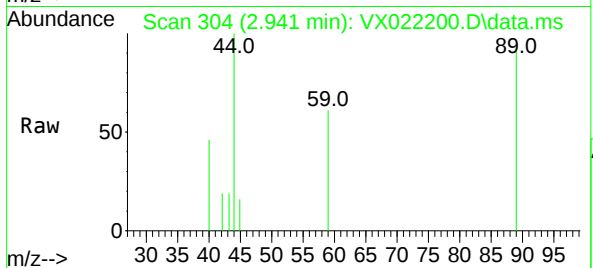


#11

Tert butyl alcohol
Concen: 2.08 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210525

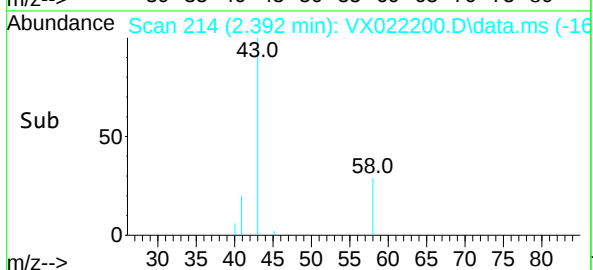
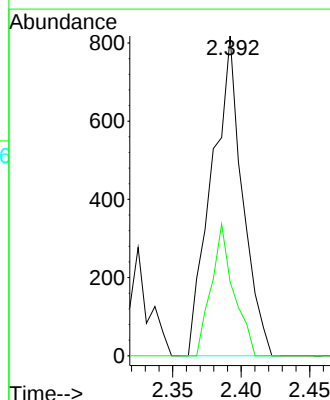
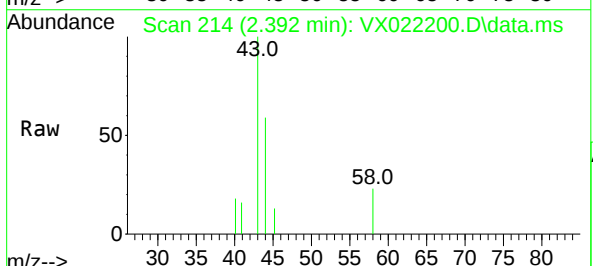
Tgt Ion: 59 Resp: 488
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

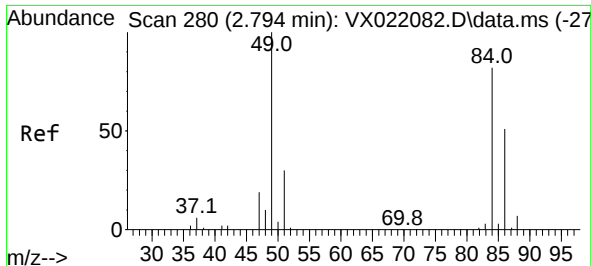


#16

Acetone
Concen: 2.84 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 23.1 27.8 41.8#





#20

Methylene Chloride

Concen: 0.39 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022200.D

Acq: 26 May 2021 16:18

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20210525

Tgt Ion: 84 Resp: 390

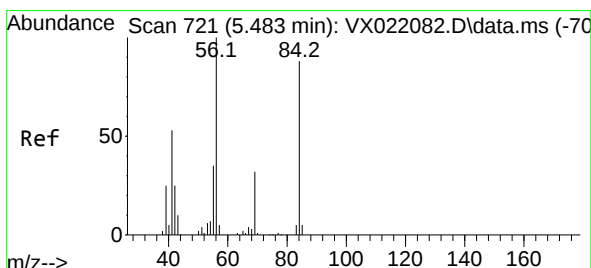
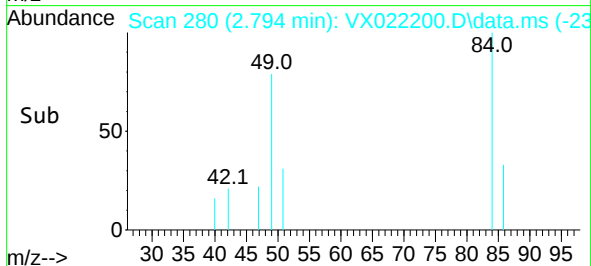
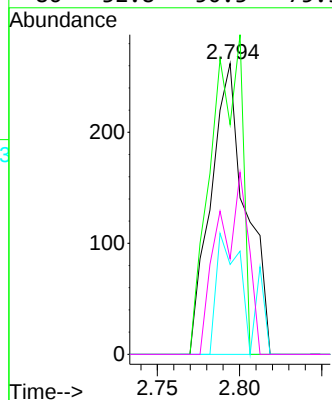
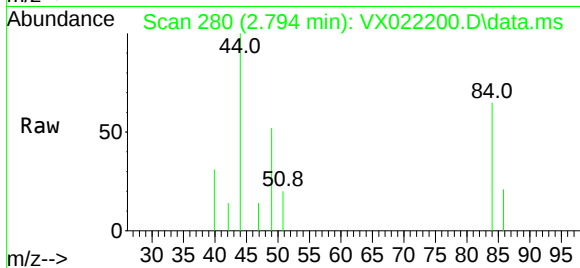
Ion Ratio Lower Upper

84 100

49 79.0 88.6 132.8#

51 30.9 27.0 40.6

86 32.8 50.3 75.5#



#31

Cyclohexane

Concen: 1.44 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.079 min

Lab File: VX022200.D

Acq: 26 May 2021 16:18

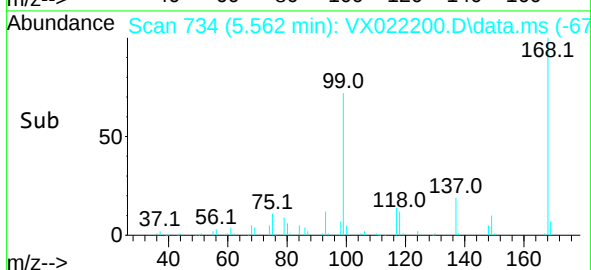
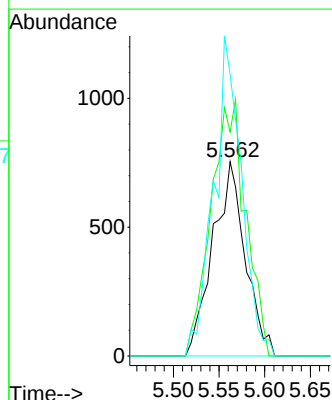
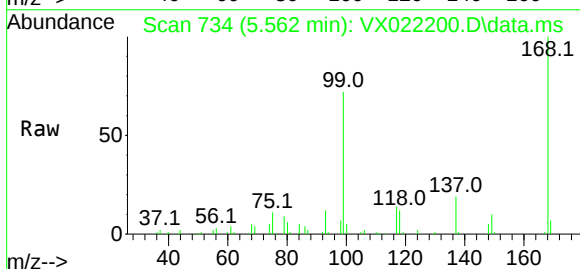
Tgt Ion: 56 Resp: 1863

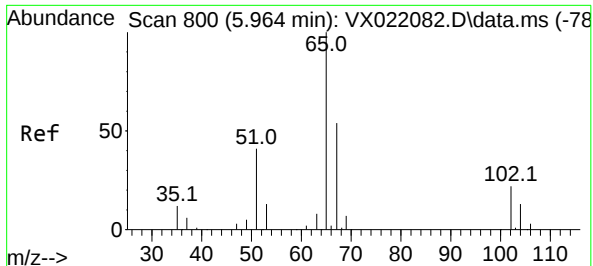
Ion Ratio Lower Upper

56 100

69 115.3 25.3 37.9#

84 145.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.61 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022200.D

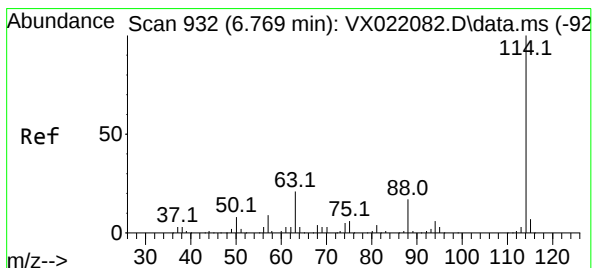
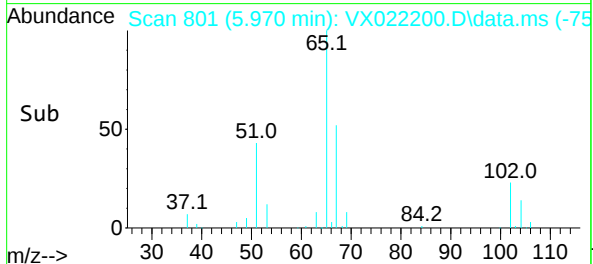
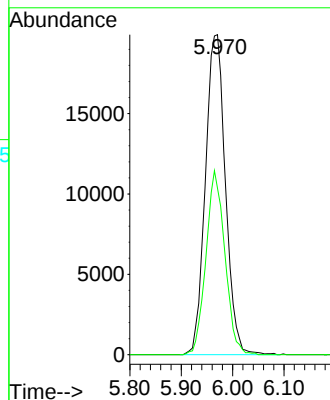
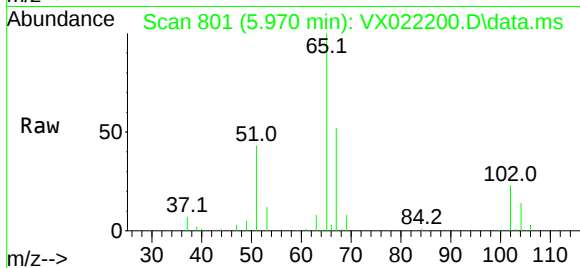
Acq: 26 May 2021 16:18

Tgt Ion: 65 Resp: 54002

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022200.D

Acq: 26 May 2021 16:18

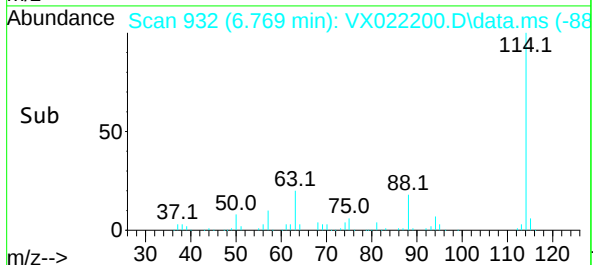
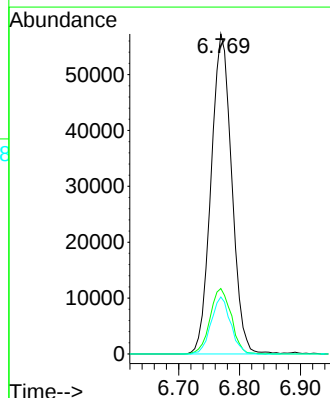
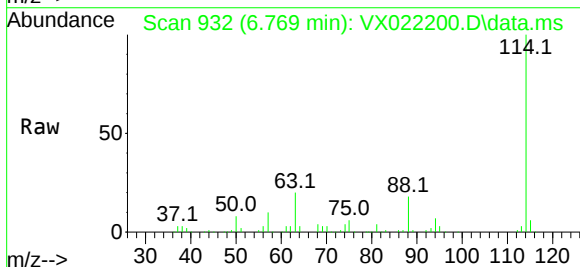
Tgt Ion: 114 Resp: 135128

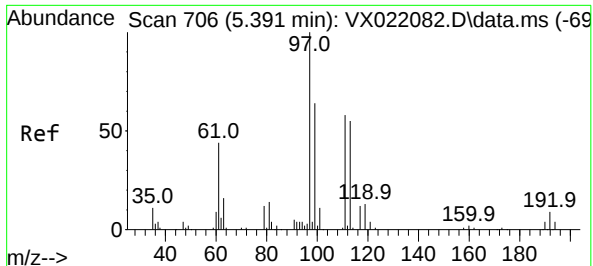
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 17.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.02 ug/l

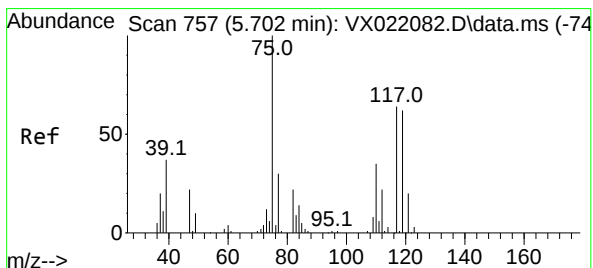
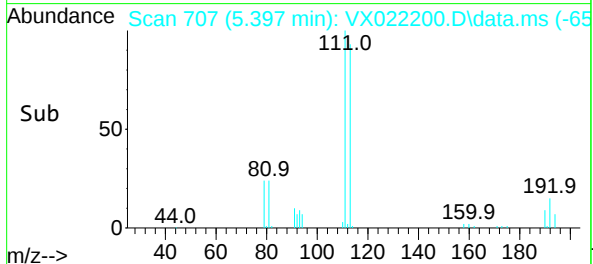
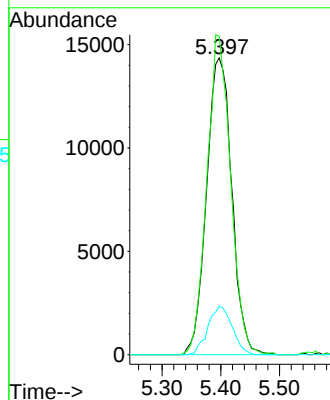
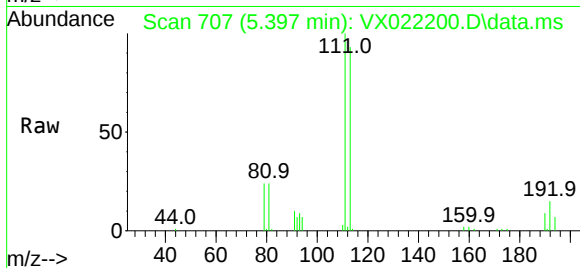
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022200.D

Acq: 26 May 2021 16:18

Tgt Ion:	113	Resp:	42866
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	15.7	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 4.98 ug/l

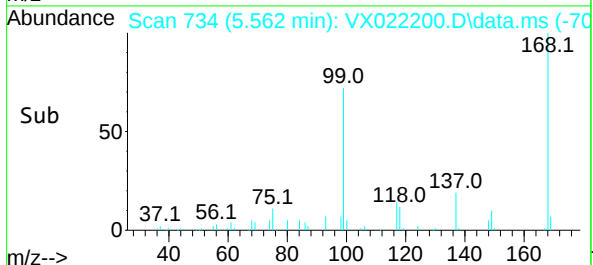
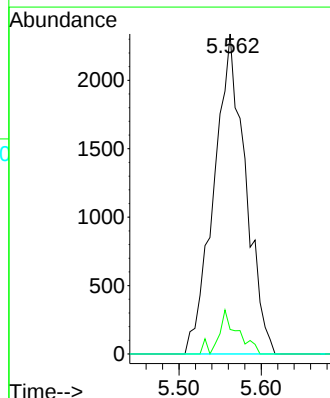
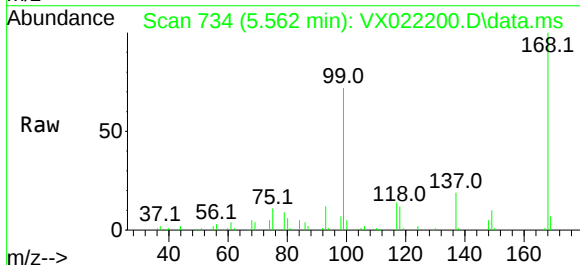
RT: 5.562 min Scan# 734

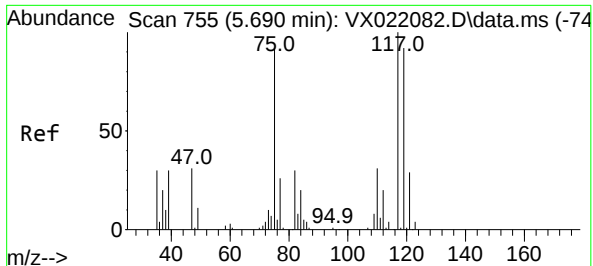
Delta R.T. -0.140 min

Lab File: VX022200.D

Acq: 26 May 2021 16:18

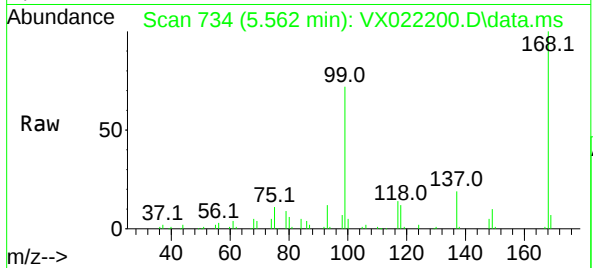
Tgt Ion:	75	Resp:	6223
Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.1	54.4#
77	0.0	25.3	37.9#



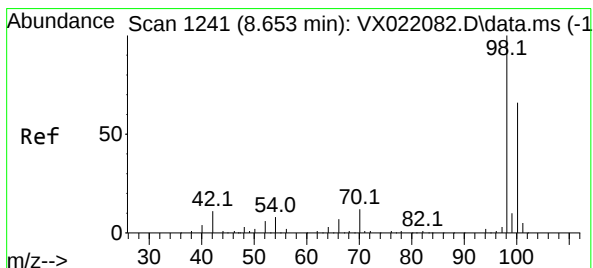
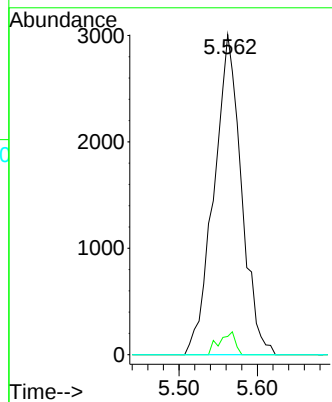
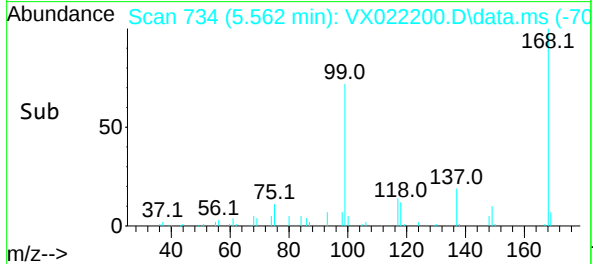


#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

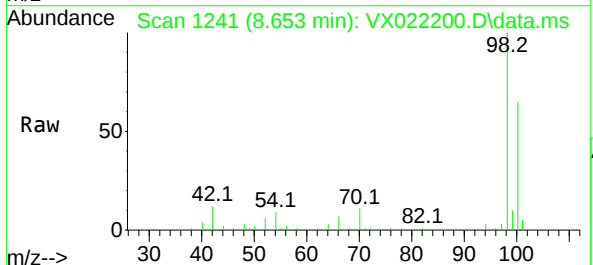
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210525



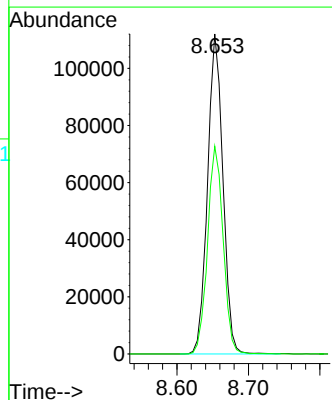
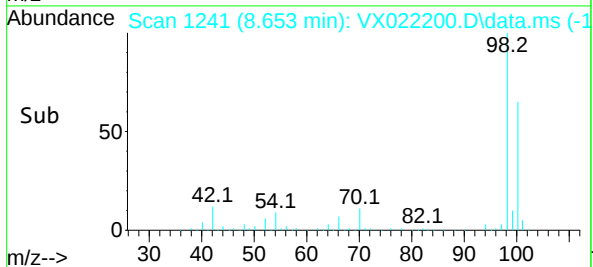
Tgt Ion: 117 Resp: 7342
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

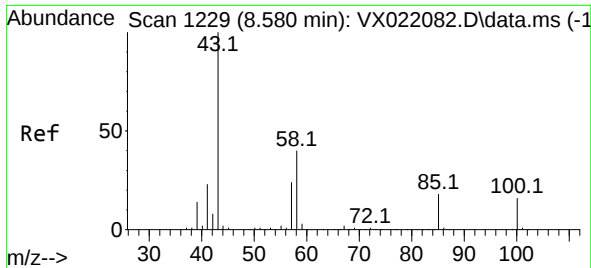


#50
Toluene-d8
Concen: 50.67 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18



Tgt Ion: 98 Resp: 167248
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

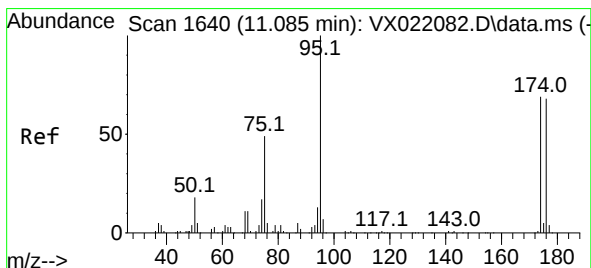
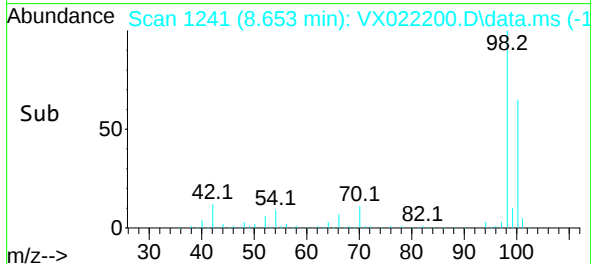
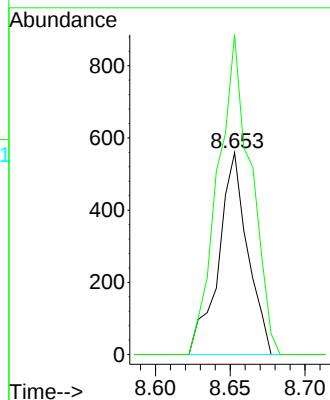
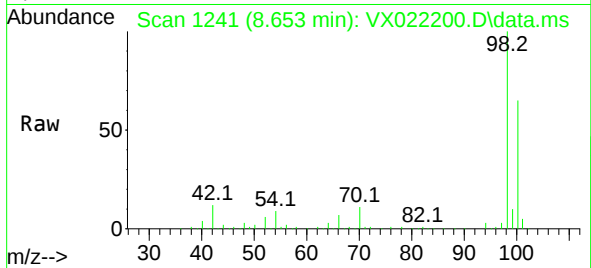




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

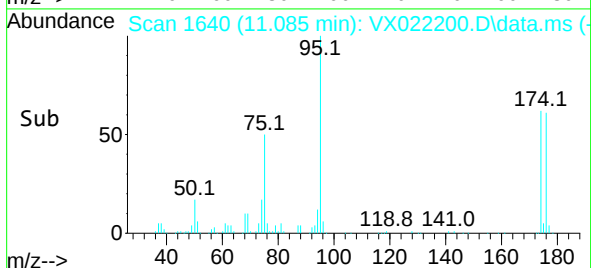
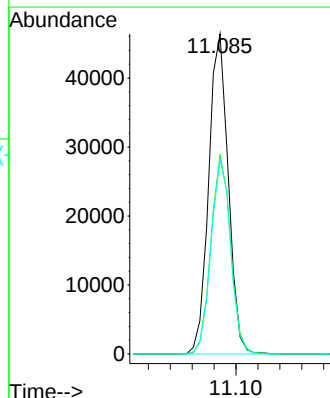
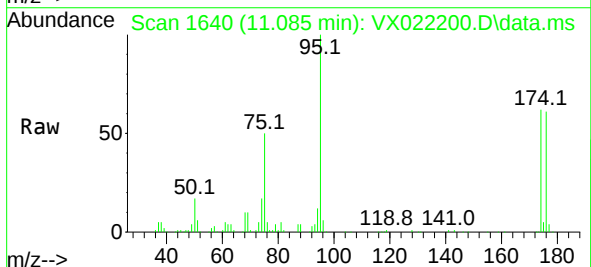
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210525

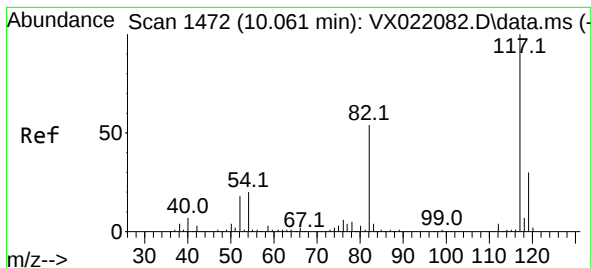
Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
58 180.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.99 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

Tgt Ion: 95 Resp: 57336
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 61.0 0.0 155.8

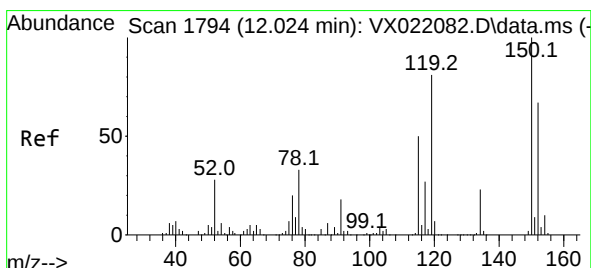
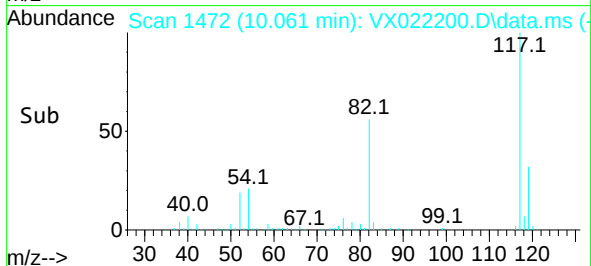
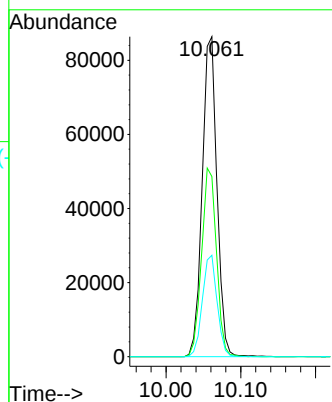
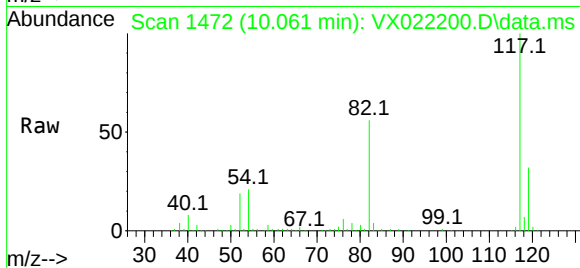




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

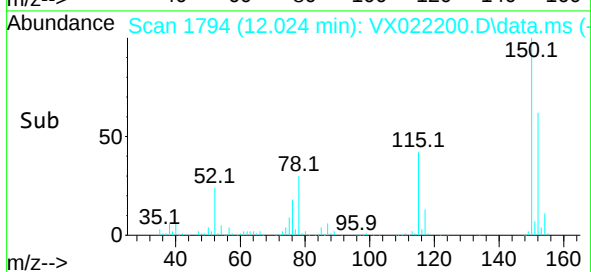
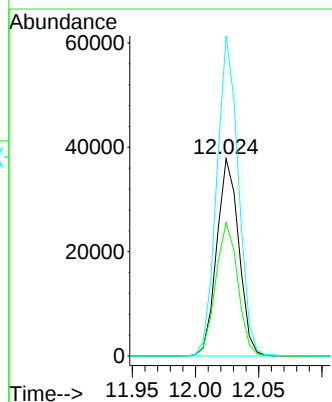
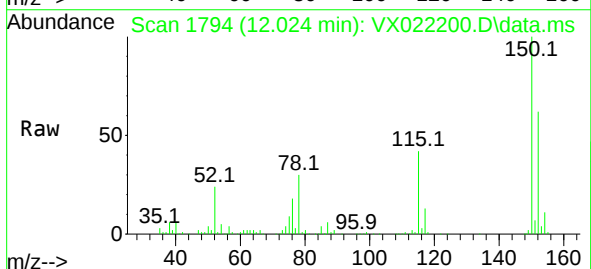
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210525

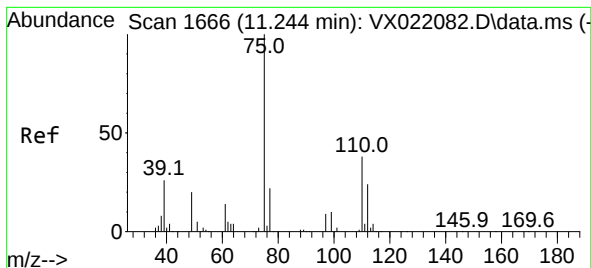
Tgt Ion:117 Resp: 118423
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

Tgt Ion:152 Resp: 45764
Ion Ratio Lower Upper
152 100
115 68.1 41.1 123.3
150 159.4 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.07 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022200.D

Acq: 26 May 2021 16:18

Tgt Ion: 75 Resp: 29432

Ion Ratio Lower Upper

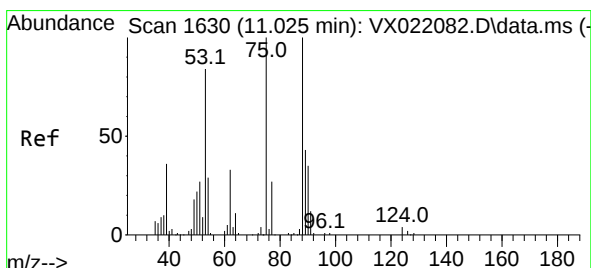
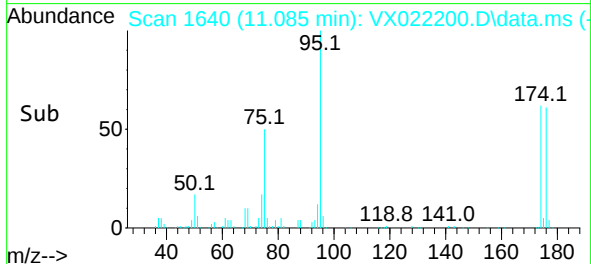
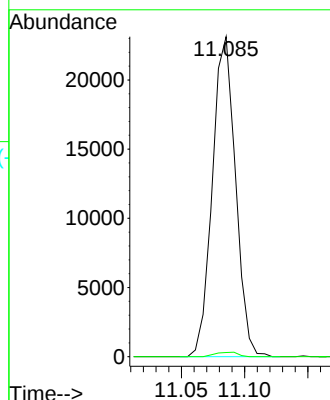
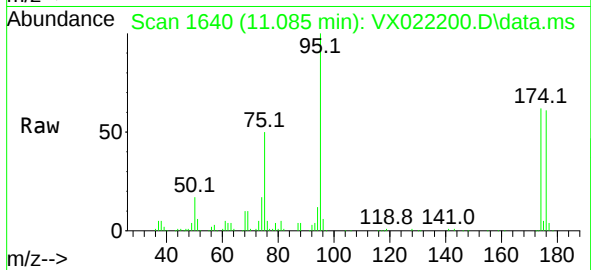
75 100
77 1.4 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20210525



#81

trans-1,4-Dichloro-2-butene

Concen: 61.77 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

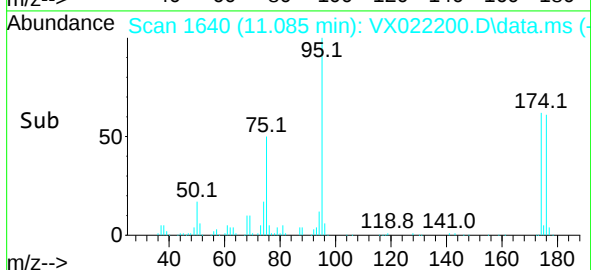
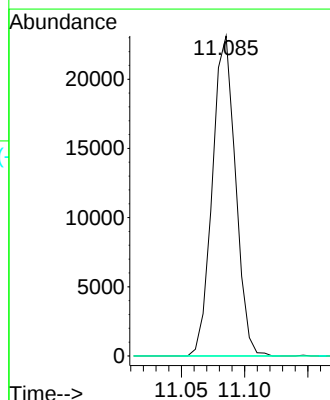
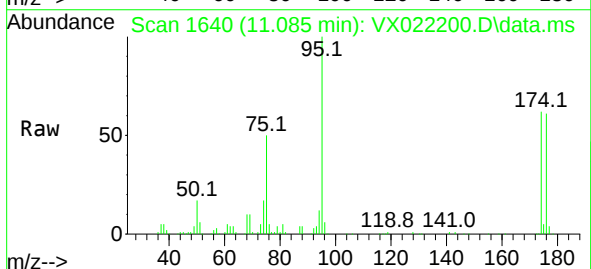
Lab File: VX022200.D

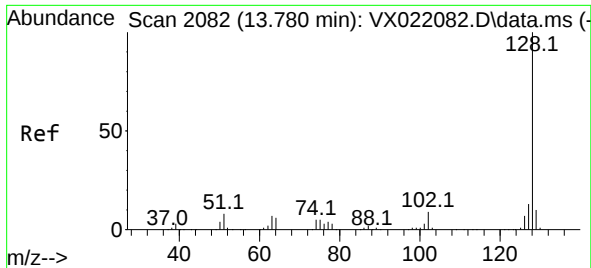
Acq: 26 May 2021 16:18

Tgt Ion: 75 Resp: 29432

Ion Ratio Lower Upper

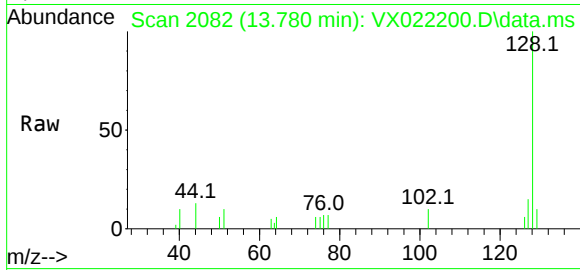
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 0.84 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022200.D
Acq: 26 May 2021 16:18

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210525



Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.3	15.5#
129	11.4	8.8	13.2

