

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020559.D
 Acq On : 11 Jan 2021 19:04
 Operator : JC/MD
 Sample : M1063-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 02:54:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

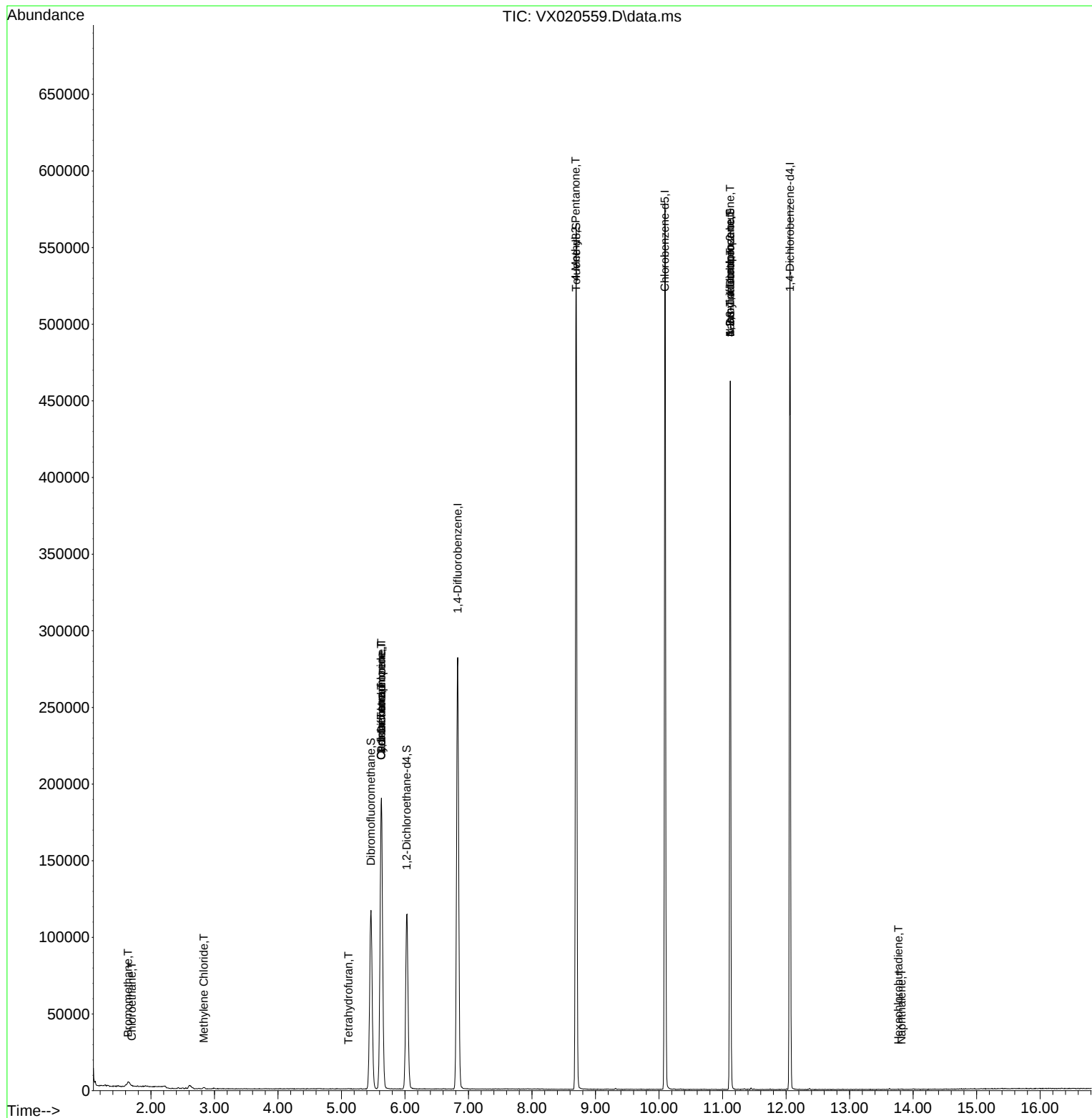
Internal Standards						
1) Pentafluorobenzene	5.629	168	186200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	296818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	282381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	120088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	112365	50.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.48%
35) Dibromofluoromethane	5.464	113	100026	48.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.28%
50) Toluene-d8	8.695	98	341828	46.45	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.90%
62) 4-Bromofluorobenzene	11.122	95	120763	46.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.94%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	395	0.30	ug/l	95
6) Chloroethane	1.697	64	62	0.47	ug/l	# 43
11) Tert butyl alcohol	3.038	59	18	Below Cal	#	73
16) Acetone	2.422	43	608	Below Cal	#	84
20) Methylene Chloride	2.831	84	491	0.23	ug/l	92
29) Tetrahydrofuran	5.111	42	234	0.32	ug/l	# 27
31) Cyclohexane	5.623	56	3169	1.21	ug/l	# 1
36) 1,1-Dichloropropene	5.629	75	12814	4.72	ug/l	# 49
38) Carbon Tetrachloride	5.623	117	17690	5.59	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.689	43	1068	0.45	ug/l	# 1
74) N-amyl acetate	11.122	43	20	1.24	ug/l	# 1
76) 1,2,3-Trichloropropane	11.122	75	58289	23.04	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.122	75	58289	62.78	ug/l	# 12
94) Hexachlorobutadiene	13.768	225	48	0.90	ug/l	# 37
95) Naphthalene	13.817	128	269	3.87	ug/l	# 69

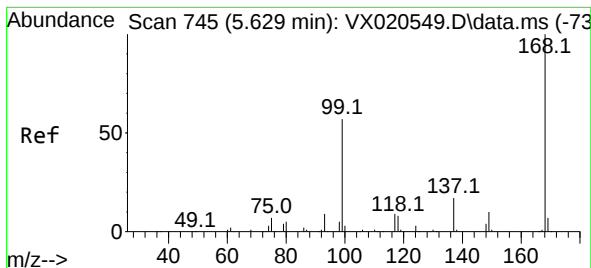
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.000 min

Lab File: VX020559.D

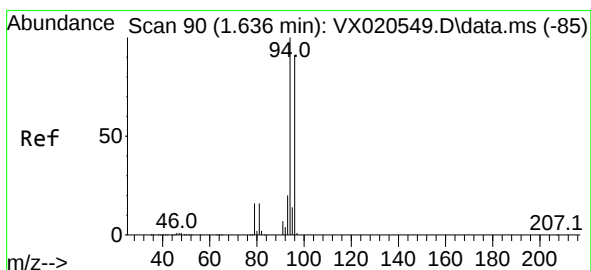
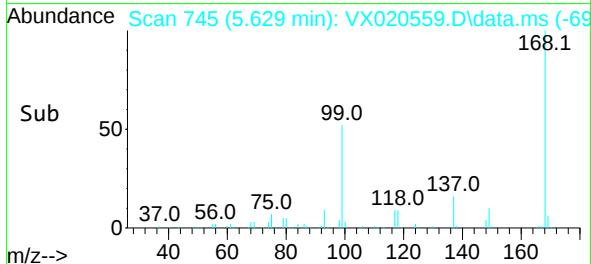
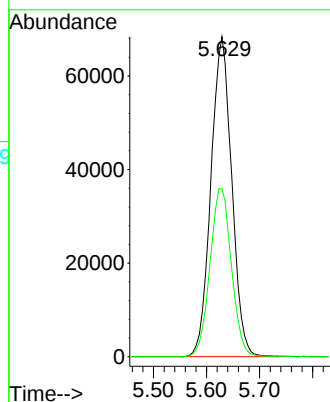
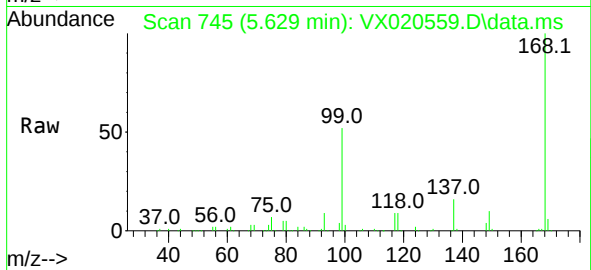
Acq: 11 Jan 2021 19:04

Tgt Ion:168 Resp: 186200

Ion Ratio Lower Upper

168 100

99 52.4 45.8 68.6



#5

Bromomethane

Concen: 0.30 ug/l

RT: 1.636 min Scan# 90

Delta R.T. -0.000 min

Lab File: VX020559.D

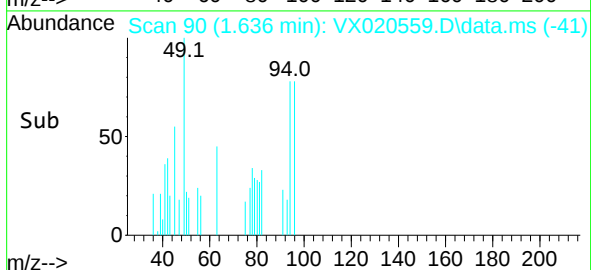
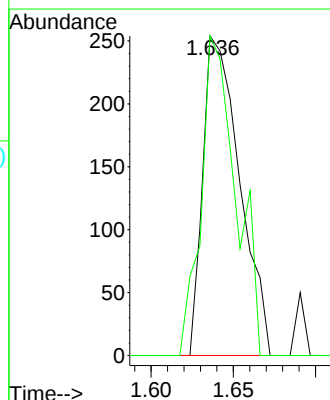
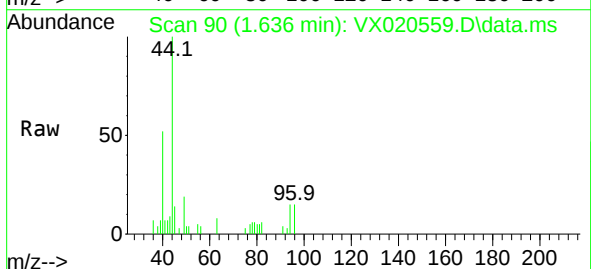
Acq: 11 Jan 2021 19:04

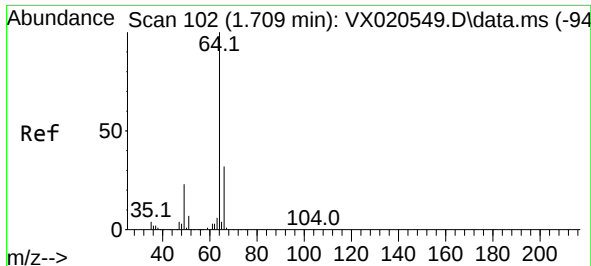
Tgt Ion: 94 Resp: 395

Ion Ratio Lower Upper

94 100

96 100.0 76.4 114.6

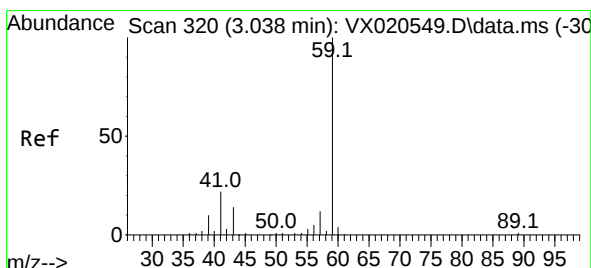
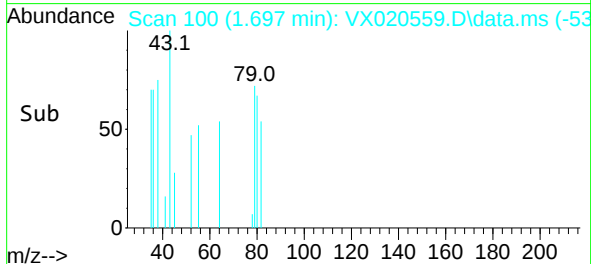
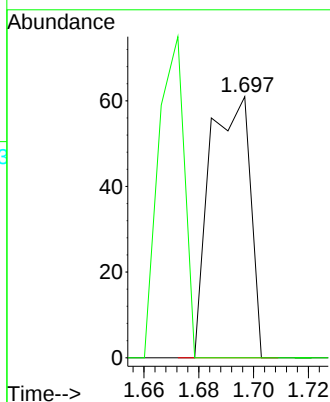
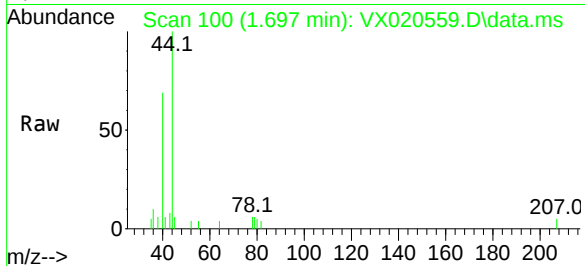




#6
Chloroethane
Concen: 0.47 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.012 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

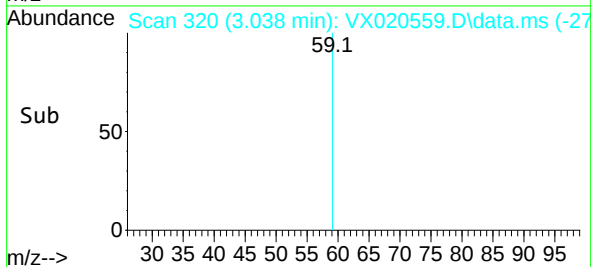
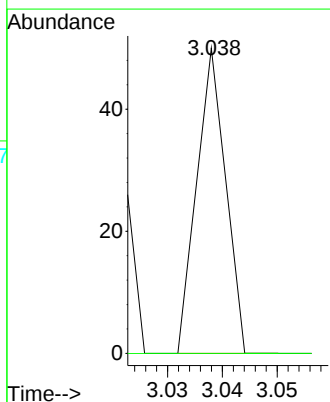
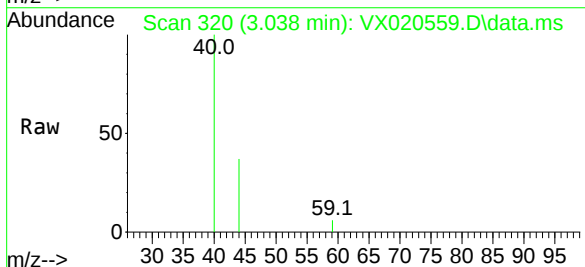
Instrument :
MSVOA_X
ClientSampled :

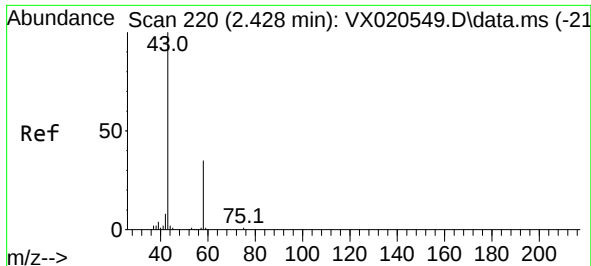
Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.038 min Scan# 320
Delta R.T. -0.000 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

Tgt Ion: 59 Resp: 18
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

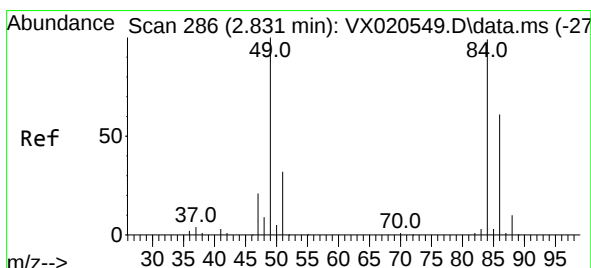
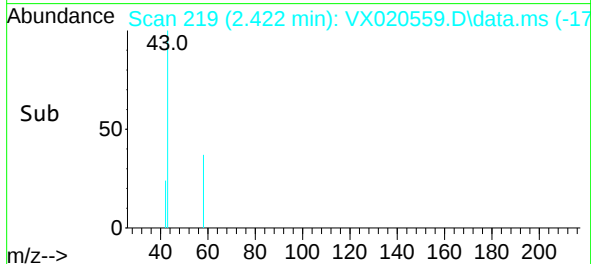
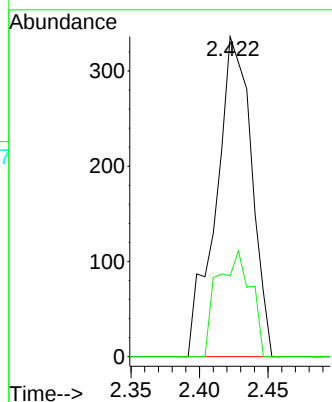
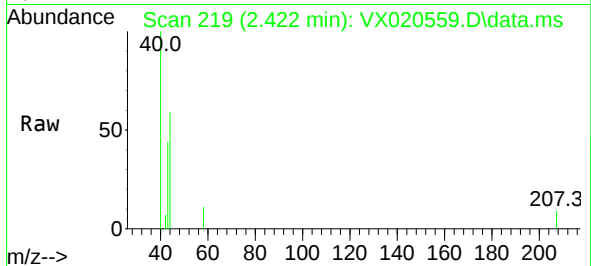




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

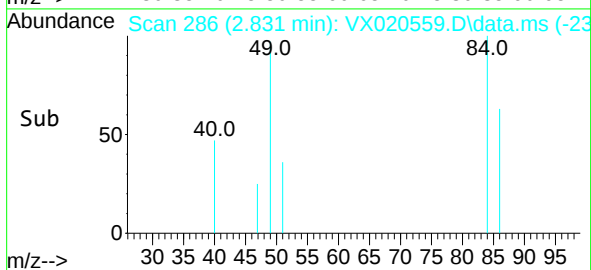
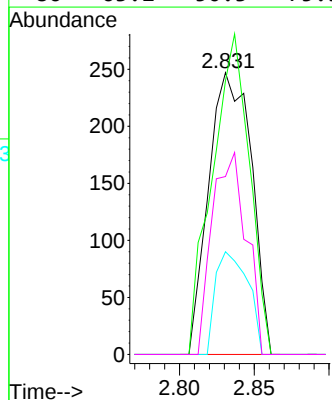
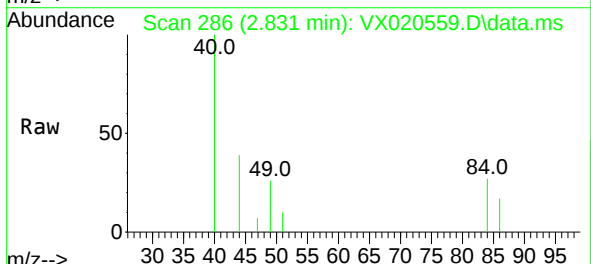
Instrument :
MSVOA_X
ClientSampleId :

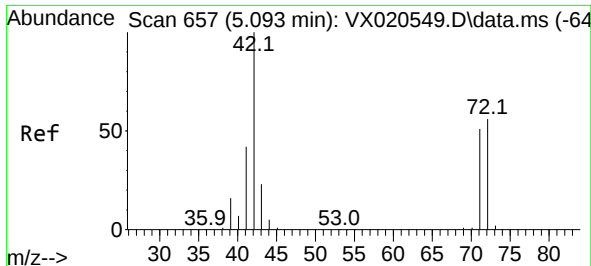
Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 25.3 27.8 41.8#



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

Tgt Ion: 84 Resp: 491
Ion Ratio Lower Upper
84 100
49 97.2 88.6 132.8
51 36.4 27.0 40.6
86 63.2 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.32 ug/l

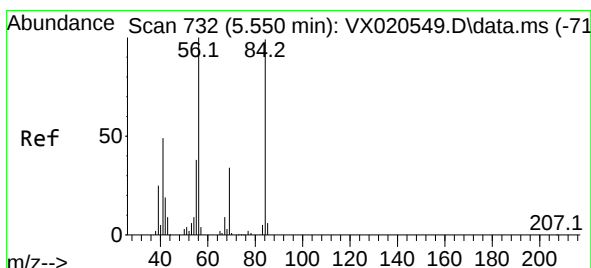
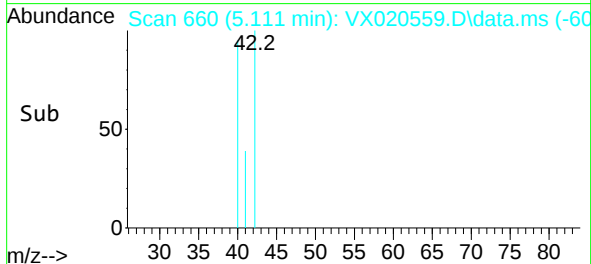
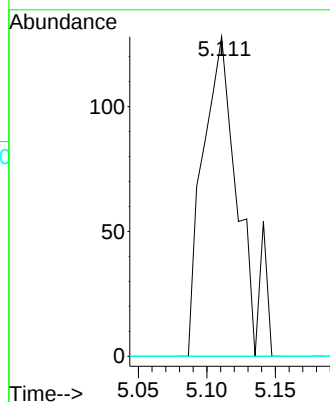
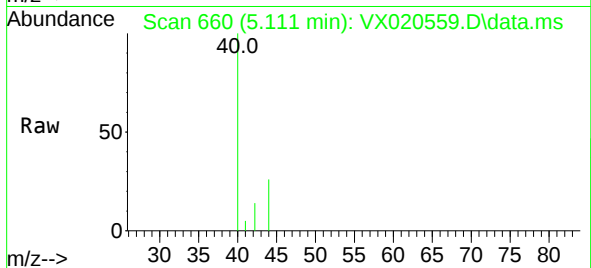
RT: 5.111 min Scan# 660

Delta R.T. 0.018 min

Lab File: VX020559.D

Acq: 11 Jan 2021 19:04

Tgt Ion:	42	Resp:	234
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.21 ug/l

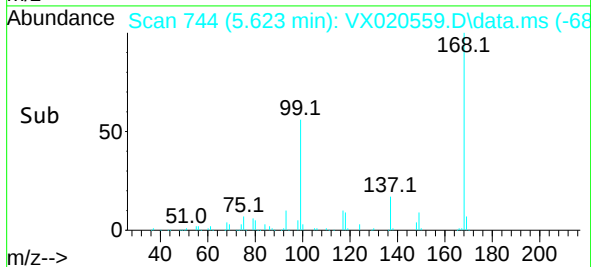
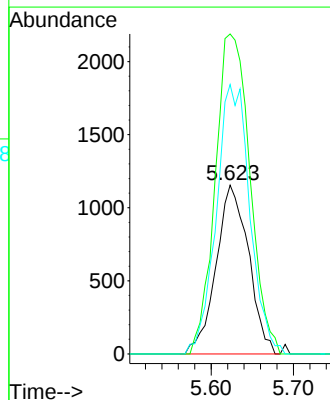
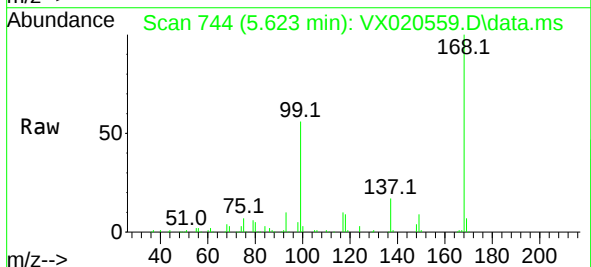
RT: 5.623 min Scan# 744

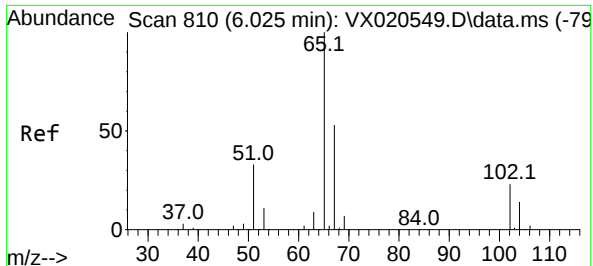
Delta R.T. 0.073 min

Lab File: VX020559.D

Acq: 11 Jan 2021 19:04

Tgt Ion:	56	Resp:	3169
Ion	Ratio	Lower	Upper
56	100		
69	189.5	25.3	37.9#
84	159.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.24 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020559.D

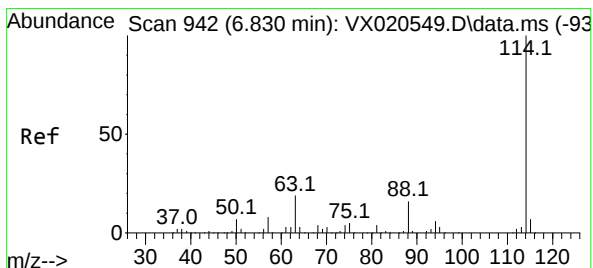
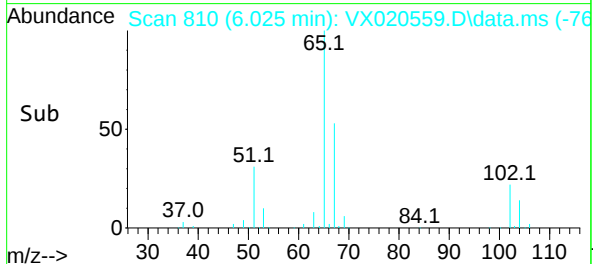
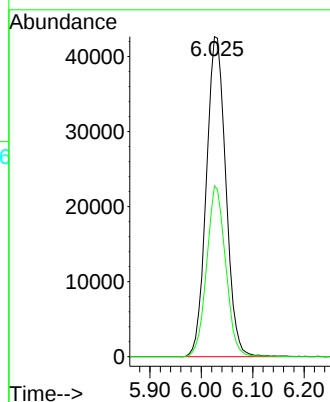
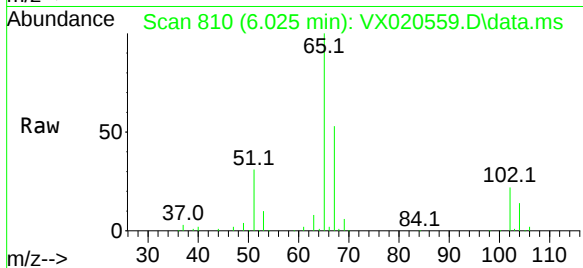
Acq: 11 Jan 2021 19:04

Tgt Ion: 65 Resp: 112365

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020559.D

Acq: 11 Jan 2021 19:04

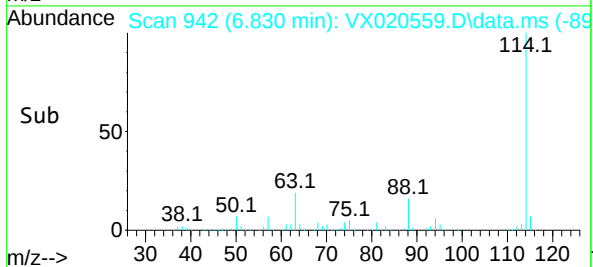
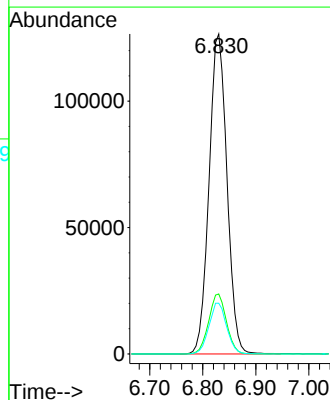
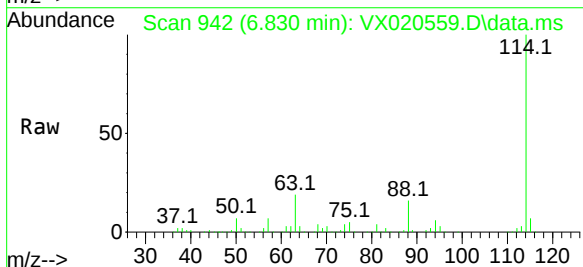
Tgt Ion: 114 Resp: 296818

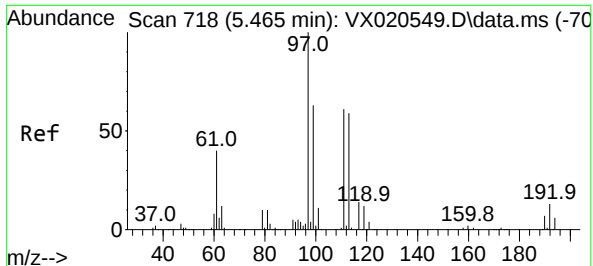
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.64 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.001 min

Lab File: VX020559.D

Acq: 11 Jan 2021 19:04

Tgt Ion:113 Resp: 100026

Ion Ratio Lower Upper

113 100

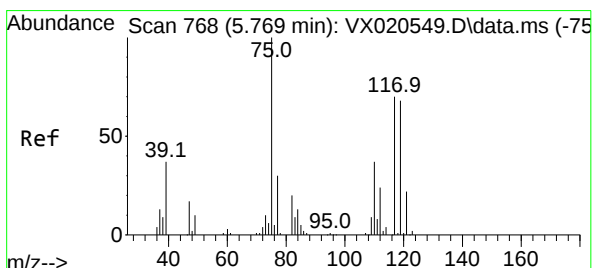
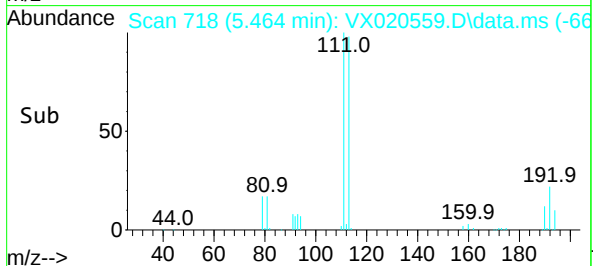
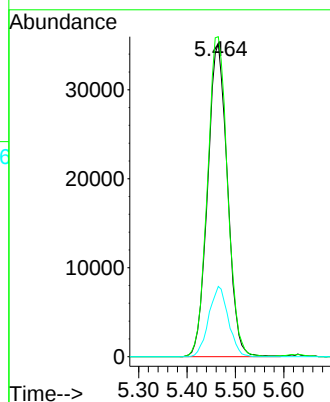
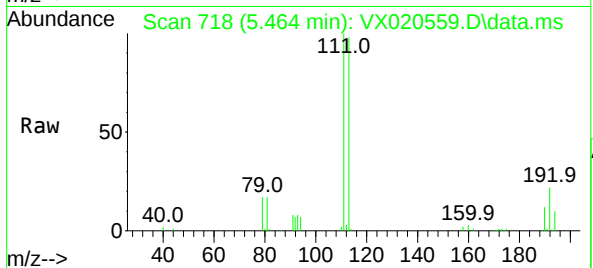
111 103.7 81.9 122.9

192 22.1 16.7 25.1

Instrument :

MSVOA_X

ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.72 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.140 min

Lab File: VX020559.D

Acq: 11 Jan 2021 19:04

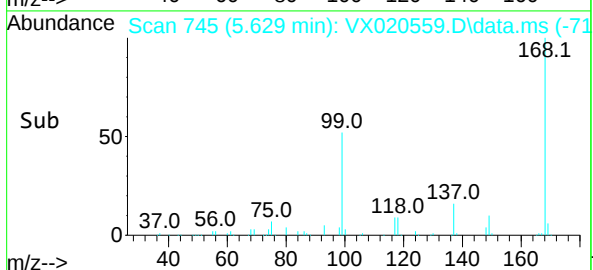
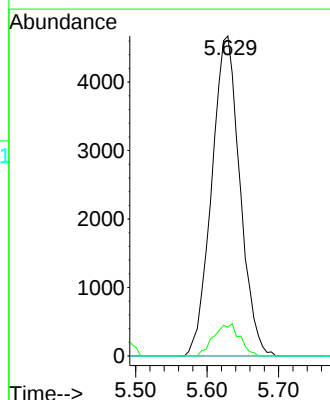
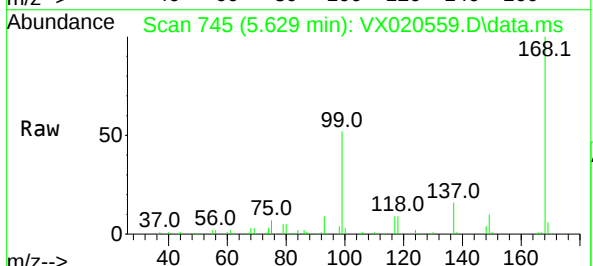
Tgt Ion: 75 Resp: 12814

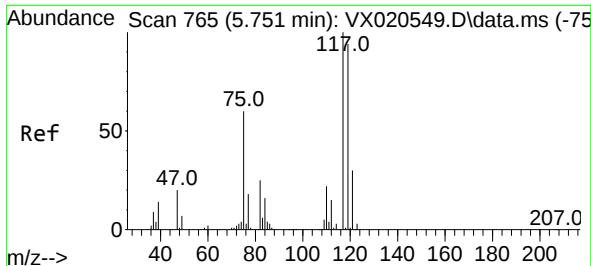
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

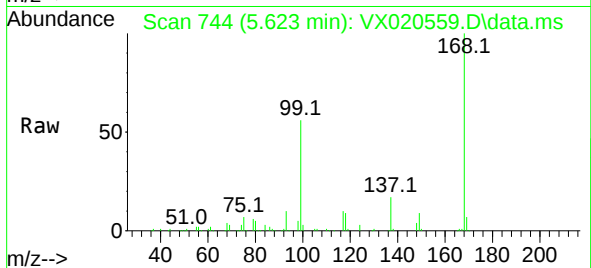
77 0.0 25.3 37.9#



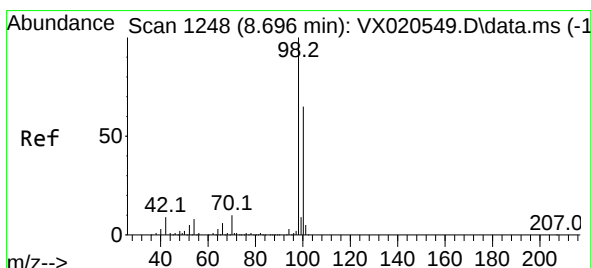
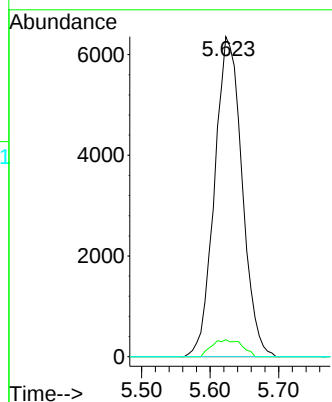
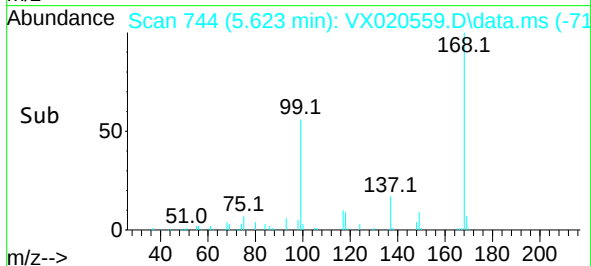


#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

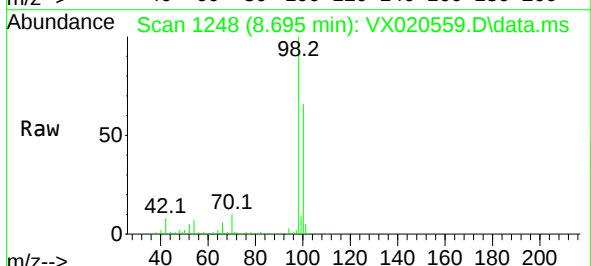
Instrument :
MSVOA_X
ClientSampleId :



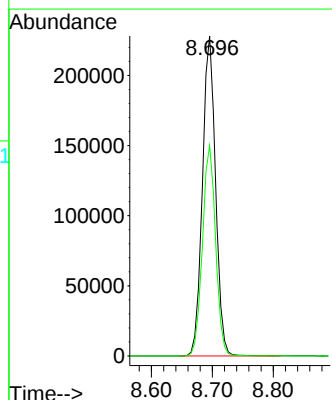
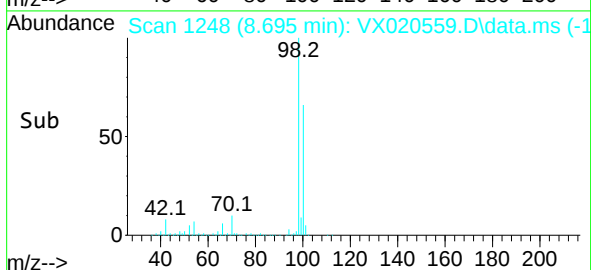
Tgt Ion:117 Resp: 17690
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

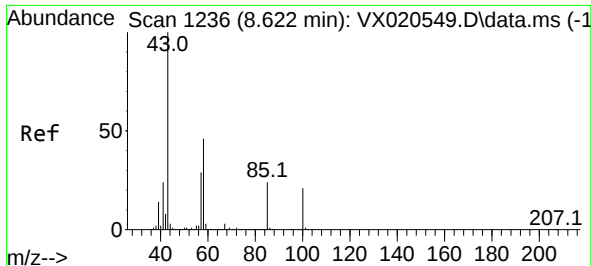


#50
Toluene-d8
Concen: 46.45 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04



Tgt Ion: 98 Resp: 341828
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

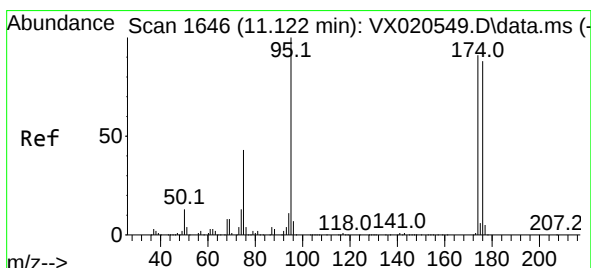
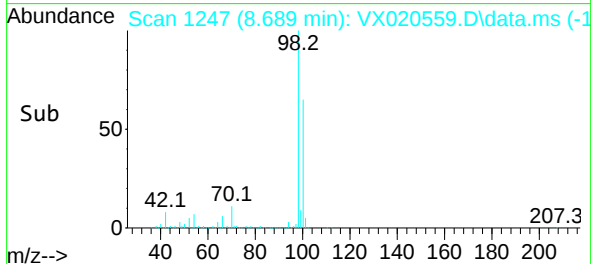
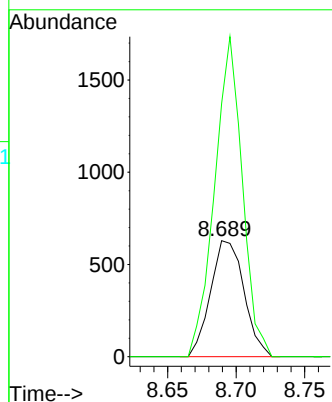
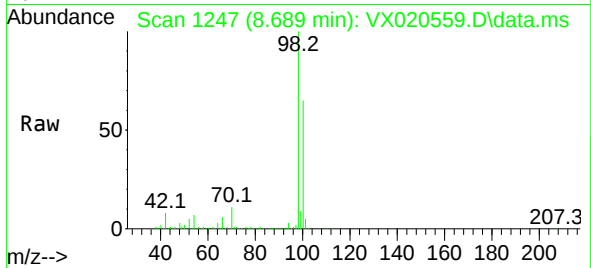




#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.067 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

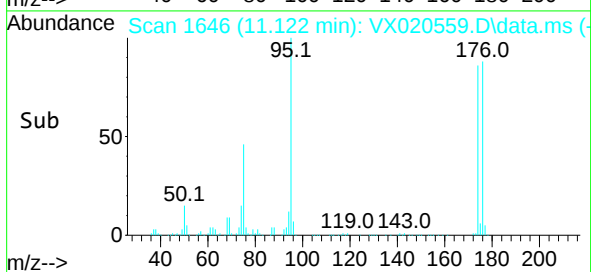
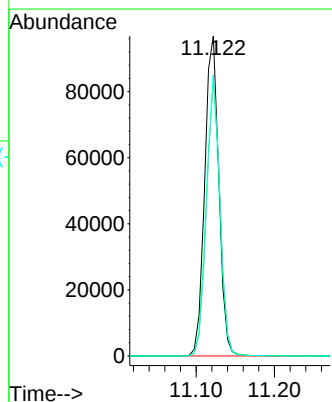
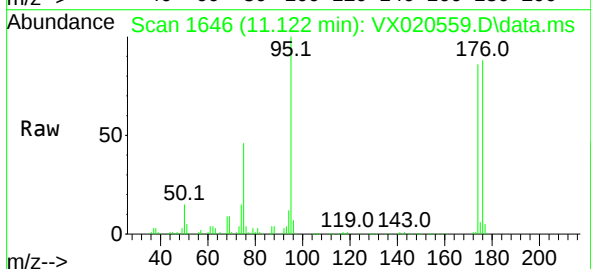
Instrument :
MSVOA_X
ClientSampled :

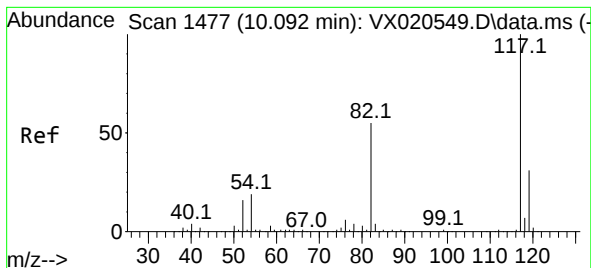
Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
58 228.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.47 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

Tgt Ion: 95 Resp: 120763
Ion Ratio Lower Upper
95 100
174 84.4 0.0 154.6
176 83.2 0.0 155.8

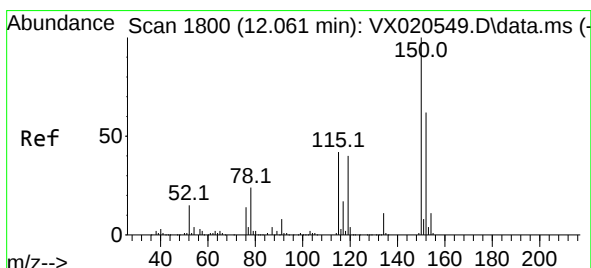
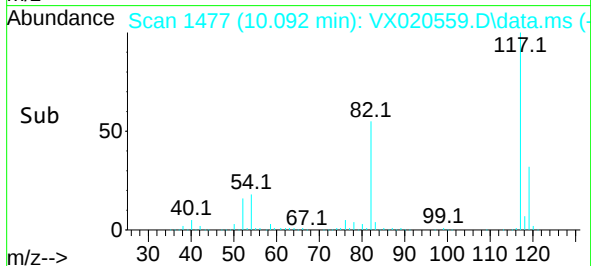
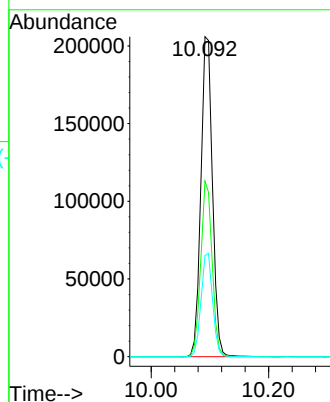
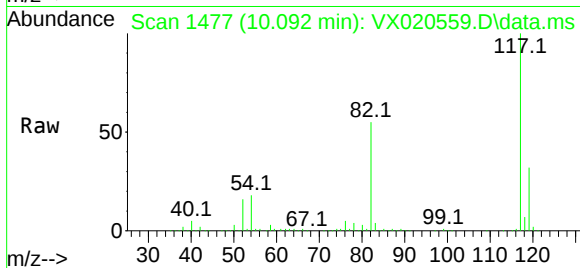




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

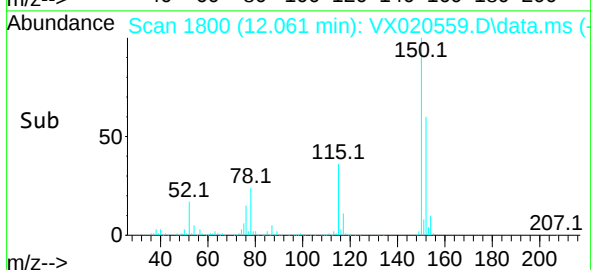
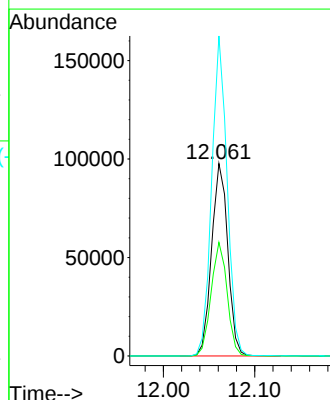
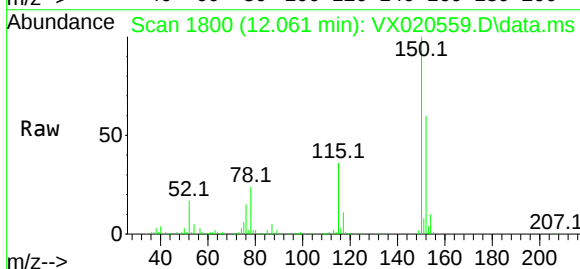
Instrument :
MSVOA_X
ClientSampled :

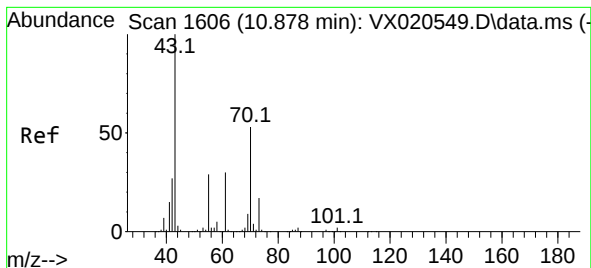
Tgt Ion:117 Resp: 282381
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

Tgt Ion:152 Resp: 120088
Ion Ratio Lower Upper
152 100
115 58.3 41.1 123.3
150 158.0 0.0 349.0

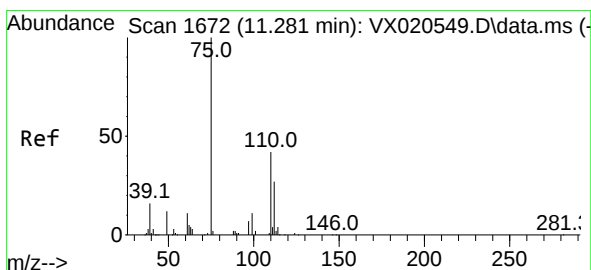
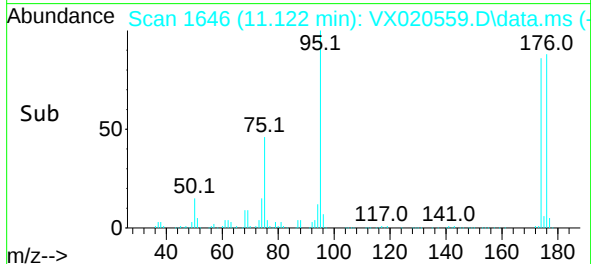
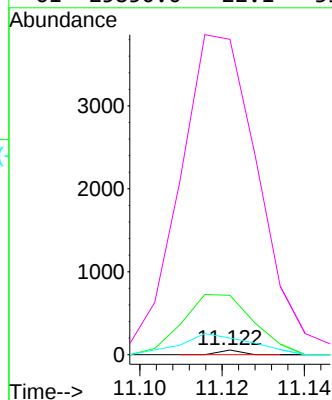
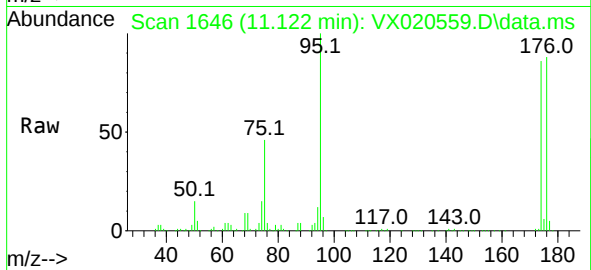




#74
N-amy1 acetate
Concen: 1.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

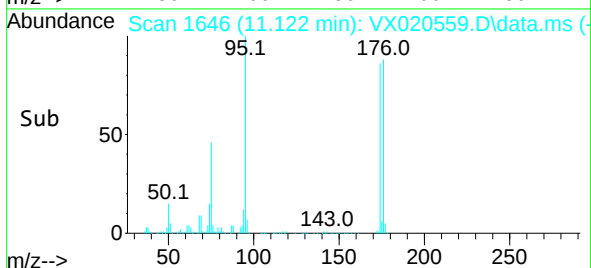
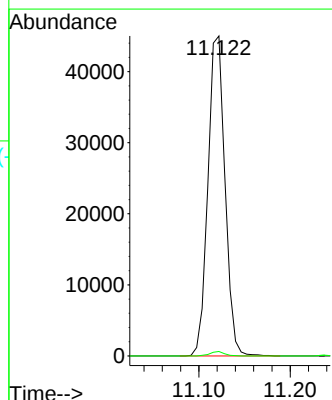
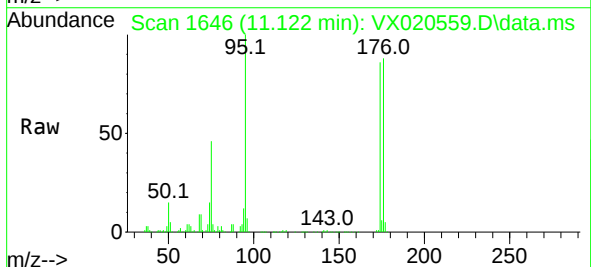
Instrument :
MSVOA_X
ClientSampleId :

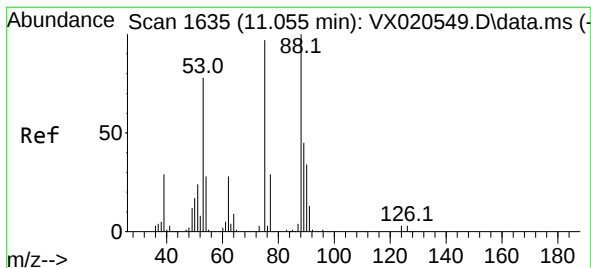
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 4360.0 39.0 58.6#
55 1510.0 21.5 32.3#
61 25850.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 23.04 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

Tgt Ion: 75 Resp: 58289
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 62.78 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. 0.067 min

Lab File: VX020559.D

Acq: 11 Jan 2021 19:04

Tgt Ion: 75 Resp: 58289

Ion Ratio Lower Upper

75 100

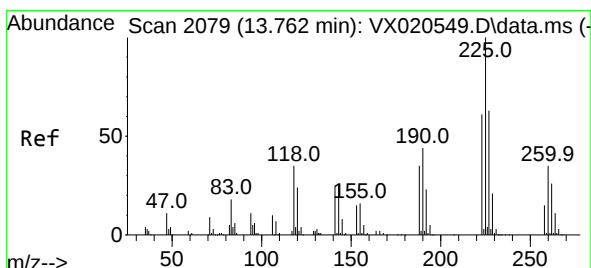
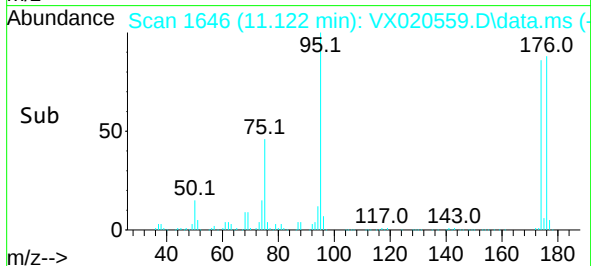
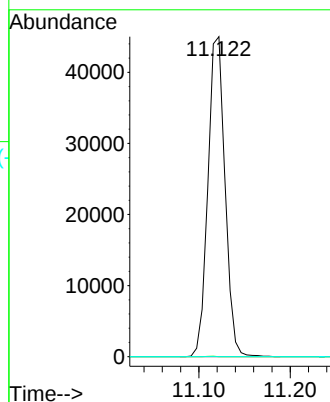
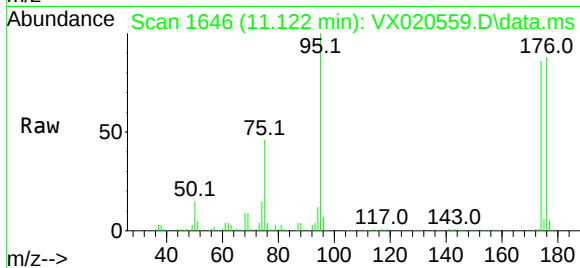
53 0.1 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :



#94

Hexachlorobutadiene

Concen: 0.90 ug/l

RT: 13.768 min Scan# 2080

Delta R.T. 0.006 min

Lab File: VX020559.D

Acq: 11 Jan 2021 19:04

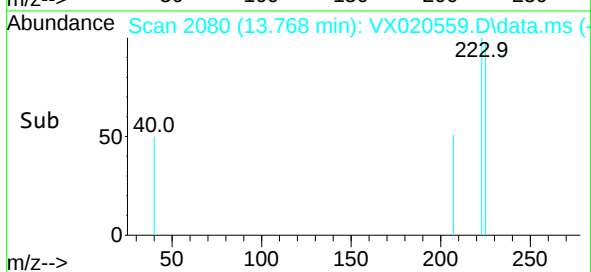
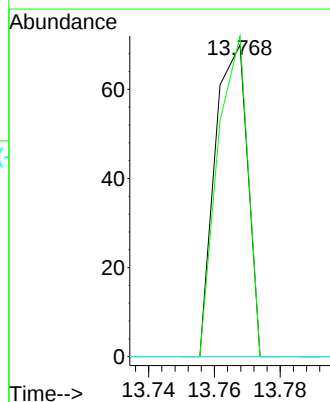
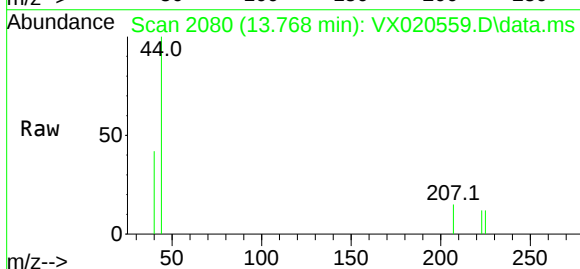
Tgt Ion: 225 Resp: 48

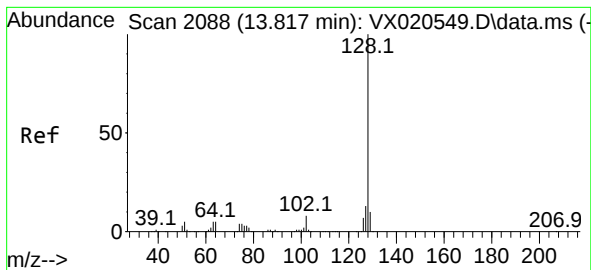
Ion Ratio Lower Upper

225 100

223 95.8 31.1 93.2#

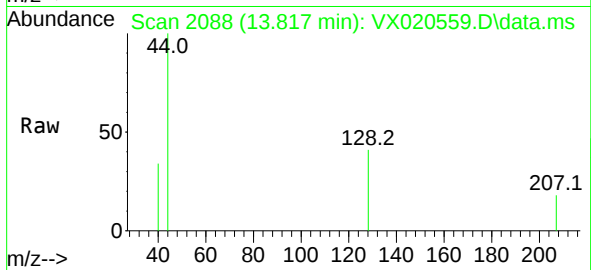
227 0.0 31.6 95.0#





#95
Naphthalene
Concen: 3.87 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020559.D
Acq: 11 Jan 2021 19:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 269
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

