

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020614.D
 Acq On : 14 Jan 2021 15:50
 Operator : JC/MD
 Sample : PB134118ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134118ZHE#03

Quant Time: Jan 15 05:11:12 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)

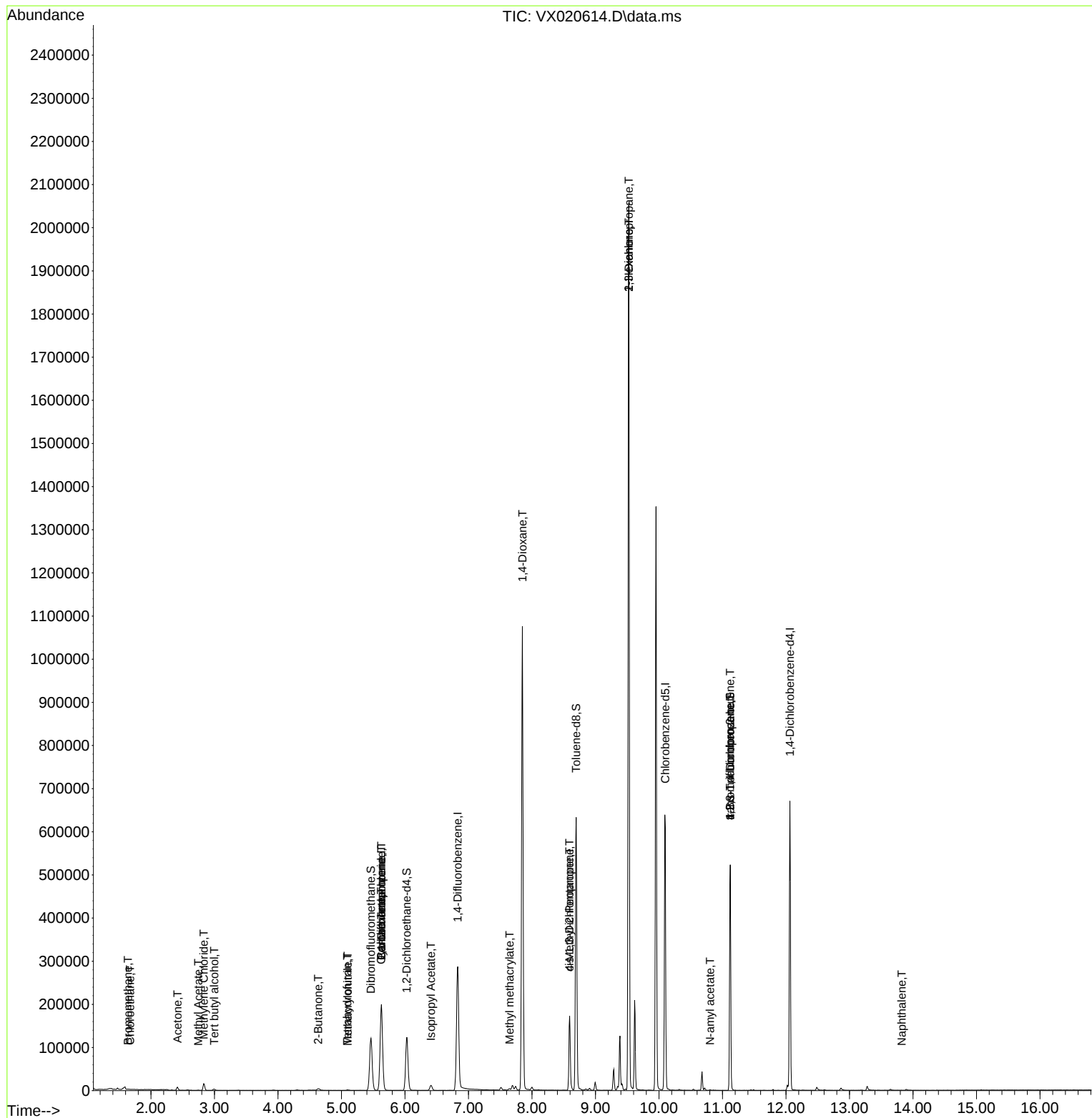
Internal Standards						
1) Pentafluorobenzene	5.629	168	189785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	298725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	312803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	138917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	119402	52.38	ug/l	0.00
Spiked Amount 50.000	Range 61	- 141	Recovery	=	104.76%	
35) Dibromofluoromethane	5.465	113	106553	51.48	ug/l	0.00
Spiked Amount 50.000	Range 69	- 133	Recovery	=	102.96%	
50) Toluene-d8	8.696	98	386885	52.24	ug/l	0.00
Spiked Amount 50.000	Range 65	- 126	Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.122	95	140882	53.86	ug/l	0.00
Spiked Amount 50.000	Range 58	- 135	Recovery	=	107.72%	
Target Compounds						
						Qvalue
5) Bromomethane	1.636	94	286	0.21	ug/l	84
6) Chloroethane	1.673	64	29	0.45	ug/l #	43
11) Tert butyl alcohol	2.995	59	2048	2.66	ug/l #	73
16) Acetone	2.416	43	7957	6.38	ug/l	96
18) Methyl Acetate	2.745	43	900	0.45	ug/l #	80
20) Methylene Chloride	2.831	84	7633	3.54	ug/l	97
25) 2-Butanone	4.635	43	3932	3.19	ug/l	92
29) Tetrahydrofuran	5.093	42	910	1.21	ug/l #	75
31) Cyclohexane	5.623	56	3309	1.24	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	13506	4.95	ug/l #	49
38) Carbon Tetrachloride	5.629	117	18653	5.86	ug/l #	17
41) Methacrylonitrile	5.099	41	566	0.44	ug/l #	30
43) Isopropyl Acetate	6.409	43	15061	3.92	ug/l	98
48) Methyl methacrylate	7.647	41	4560	2.44	ug/l #	10
49) 1,4-Dioxane	7.848	88	101	2.14	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	53413	22.41	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	29427	8.65	ug/l #	61
57) 1,3-Dichloropropane	9.525	76	18877	5.27	ug/l #	43
59) 2-Hexanone	9.525	43	213276	119.34	ug/l #	48
74) N-amyl acetate	10.805	43	800	1.47	ug/l #	45
76) 1,2,3-Trichloropropane	11.122	75	67752	23.15	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	67752	63.08	ug/l #	12
95) Naphthalene	13.823	128	167	3.86	ug/l #	69

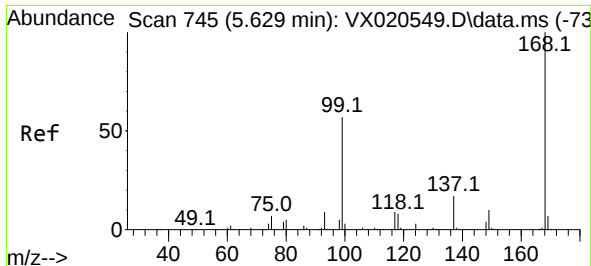
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
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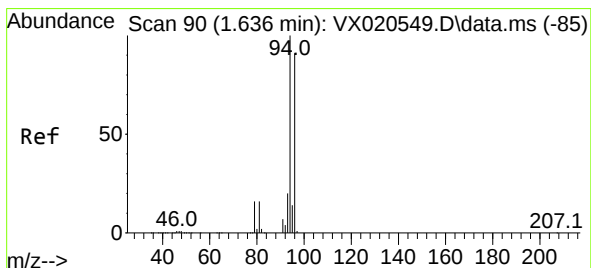
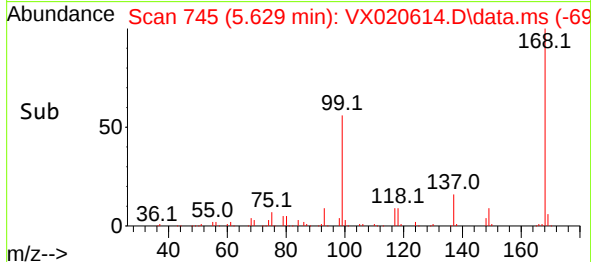
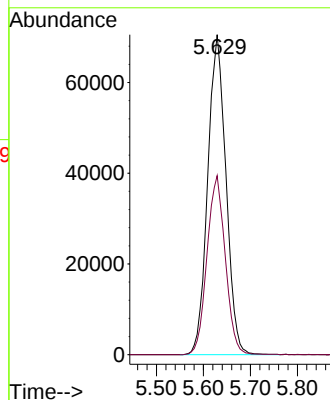
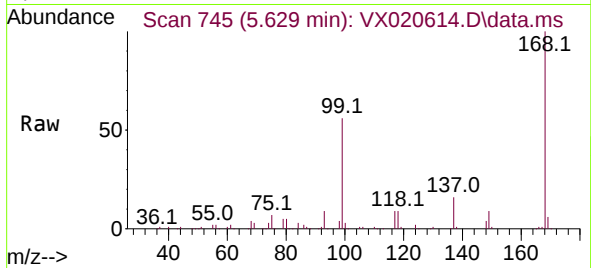




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

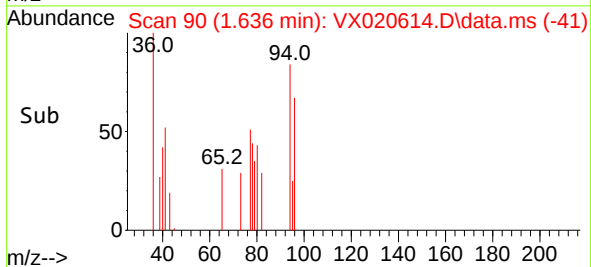
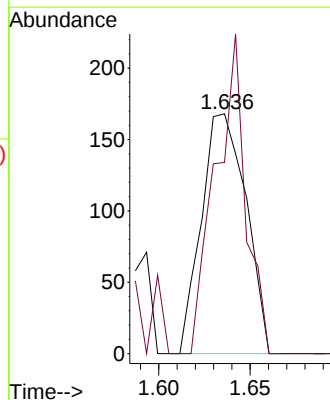
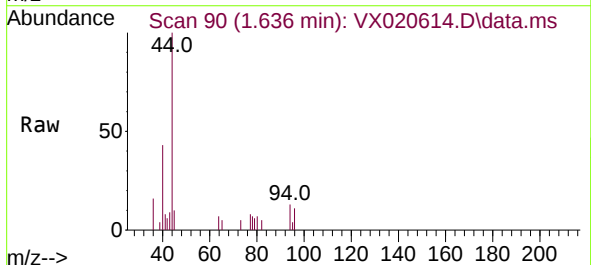
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03

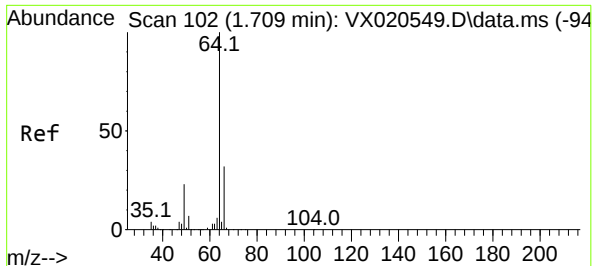
Tgt Ion:168 Resp: 189785
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 79.8 76.4 114.6

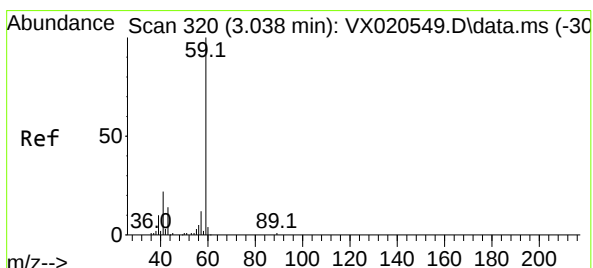
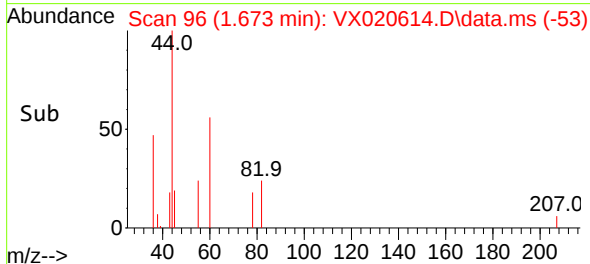
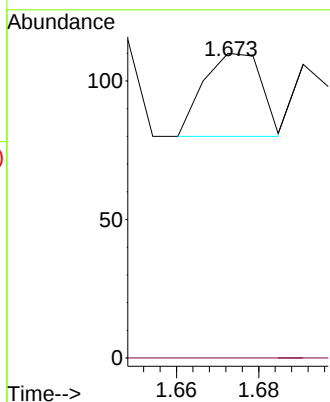
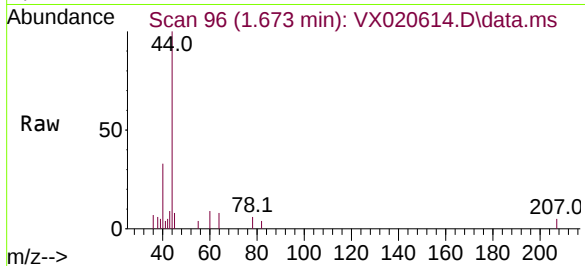




#6
Chloroethane
Concen: 0.45 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.036 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

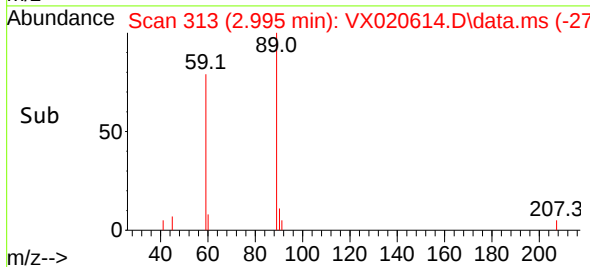
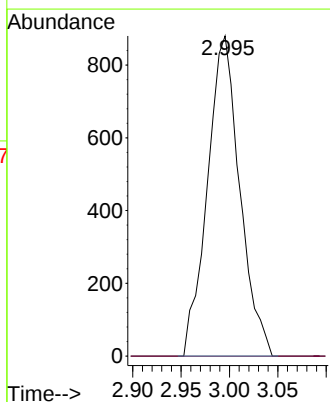
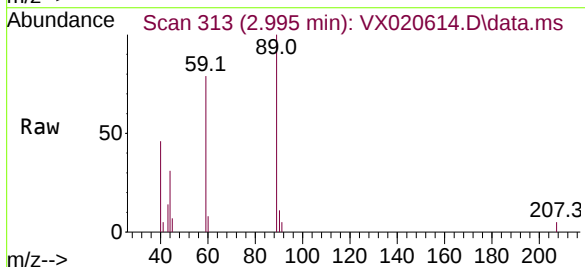
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03

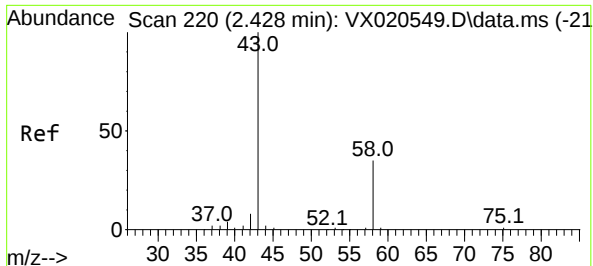
Tgt Ion: 64 Resp: 29
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 2.66 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

Tgt Ion: 59 Resp: 2048
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

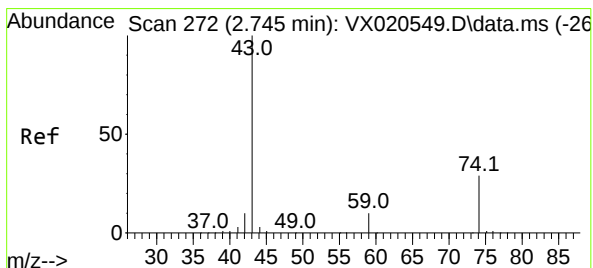
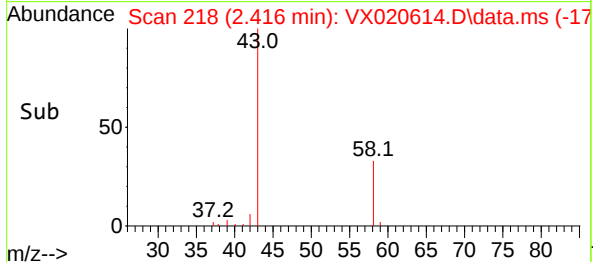
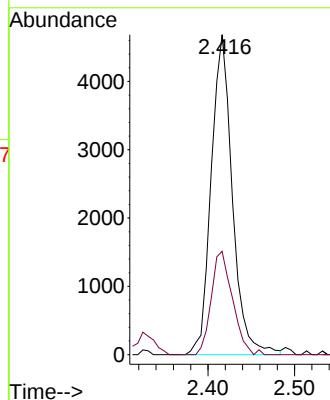
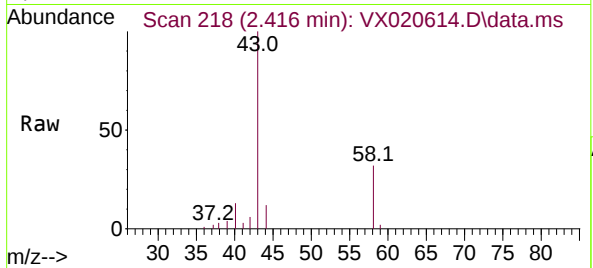




#16
Acetone
Concen: 6.38 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

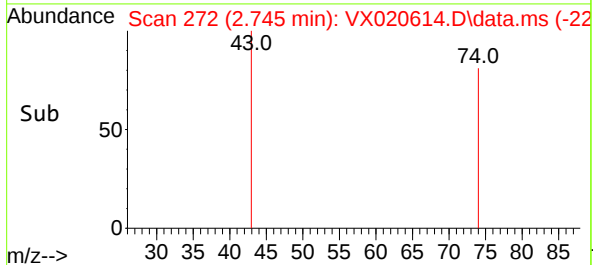
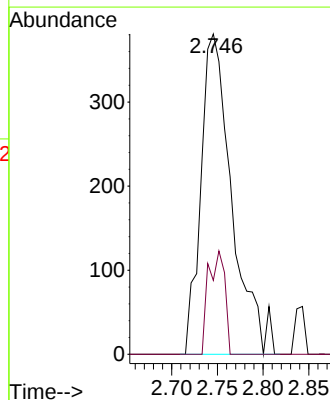
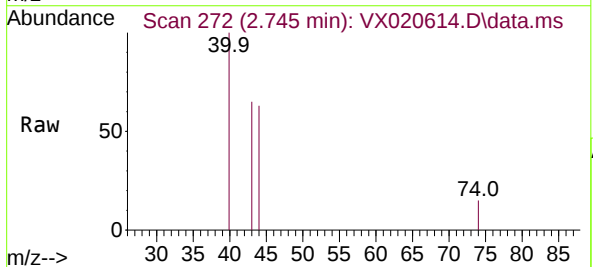
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03

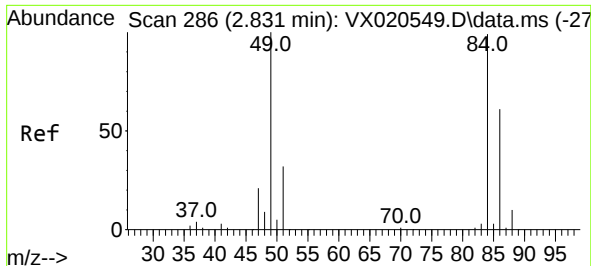
Tgt Ion: 43 Resp: 7957
Ion Ratio Lower Upper
43 100
58 32.3 27.8 41.8



#18
Methyl Acetate
Concen: 0.45 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
74 16.9 21.9 32.9#

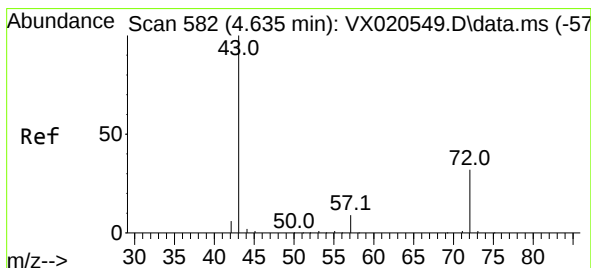
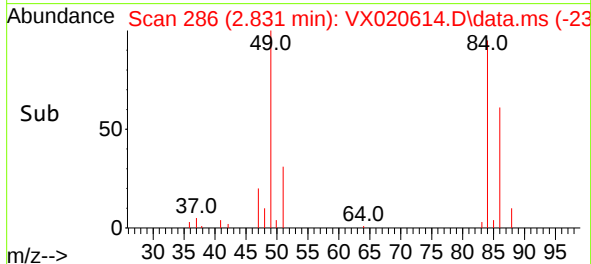
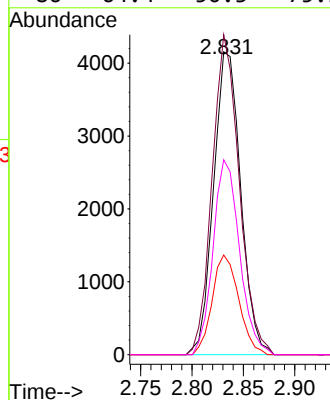
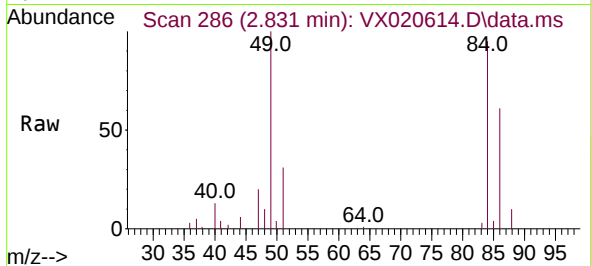




#20
Methylene Chloride
Concen: 3.54 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

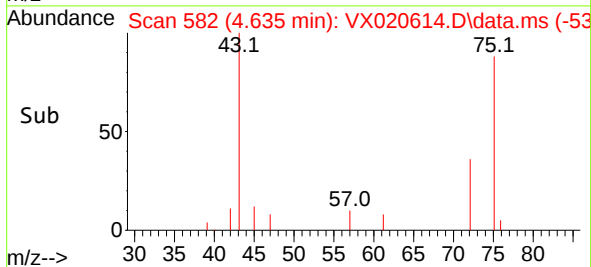
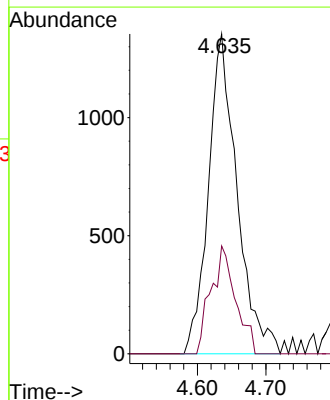
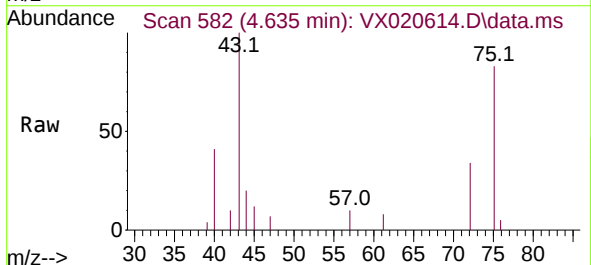
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03

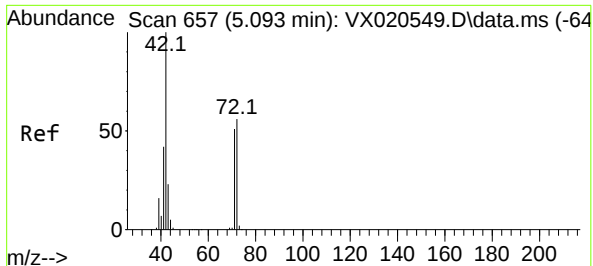
Tgt Ion:	84	Resp:	7633
Ion	Ratio	Lower	Upper
84	100		
49	105.7	88.6	132.8
51	32.9	27.0	40.6
86	64.4	50.3	75.5



#25
2-Butanone
Concen: 3.19 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

Tgt Ion:	43	Resp:	3932
Ion	Ratio	Lower	Upper
43	100		
72	33.8	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.21 ug/l

RT: 5.093 min Scan# 657

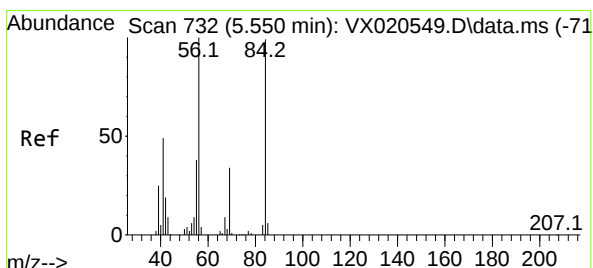
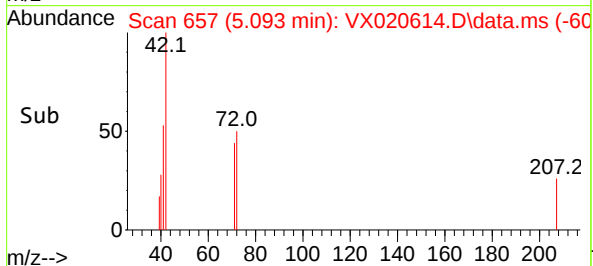
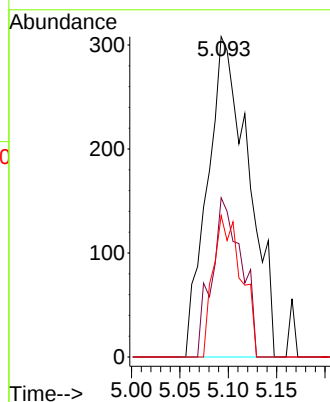
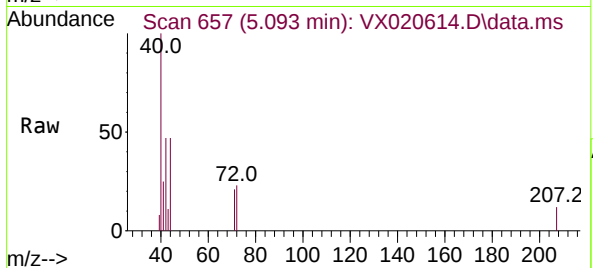
Delta R.T. -0.000 min

Lab File: VX020614.D

Acq: 14 Jan 2021 15:50

Tgt Ion:	42	Resp:	910
Ion	Ratio	Lower	Upper
42	100		
72	35.6	41.7	62.5#
71	30.3	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03



#31

Cyclohexane

Concen: 1.24 ug/l

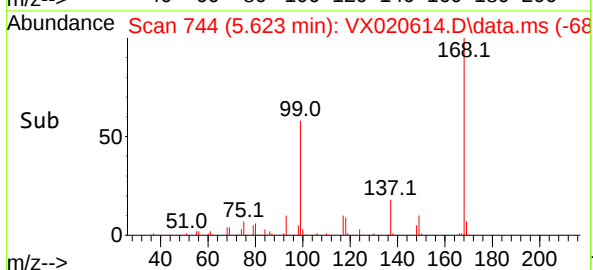
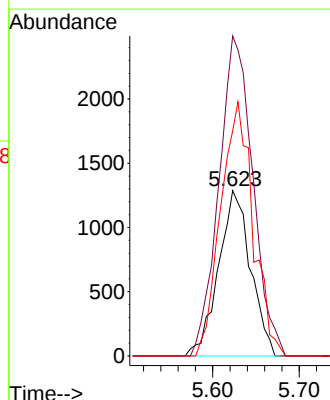
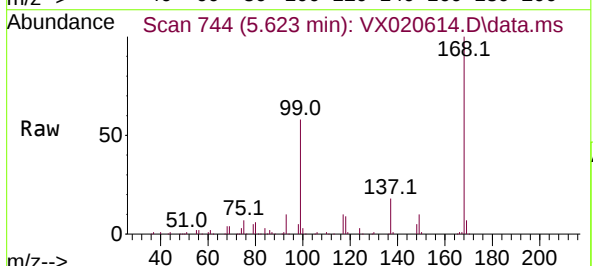
RT: 5.623 min Scan# 744

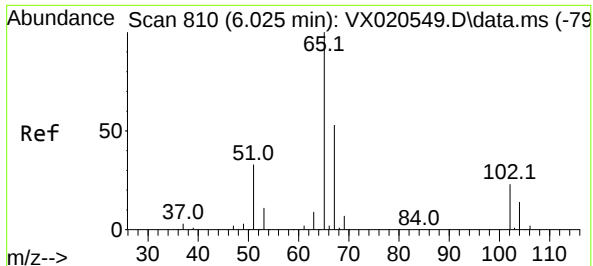
Delta R.T. 0.073 min

Lab File: VX020614.D

Acq: 14 Jan 2021 15:50

Tgt Ion:	56	Resp:	3309
Ion	Ratio	Lower	Upper
56	100		
69	193.6	25.3	37.9#
84	136.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.38 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020614.D

Acq: 14 Jan 2021 15:50

Tgt Ion: 65 Resp: 119402

Ion Ratio Lower Upper

65 100

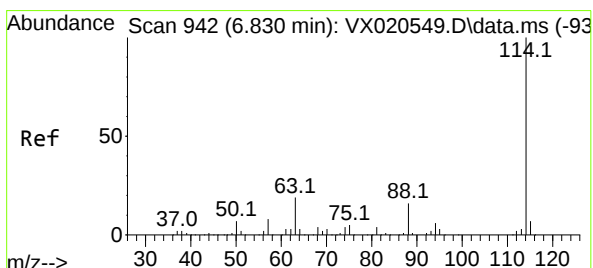
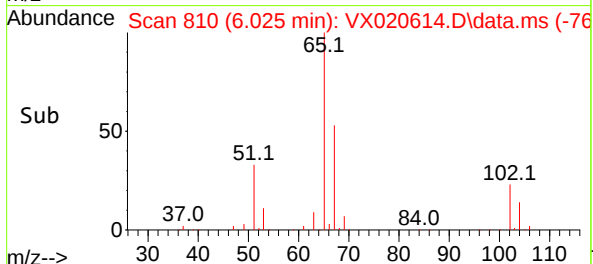
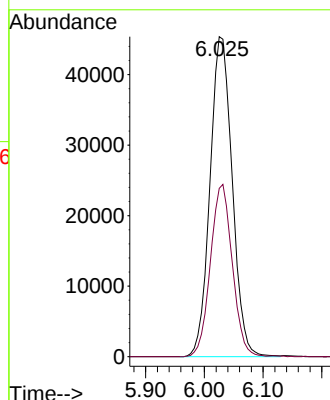
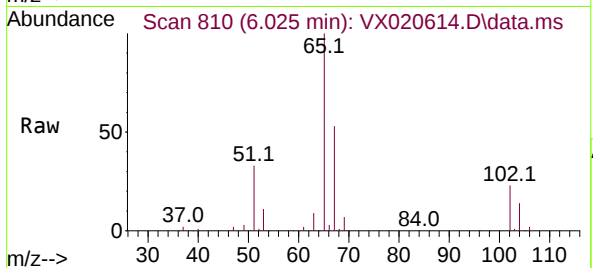
67 52.9 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

PB134118ZHE#03



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020614.D

Acq: 14 Jan 2021 15:50

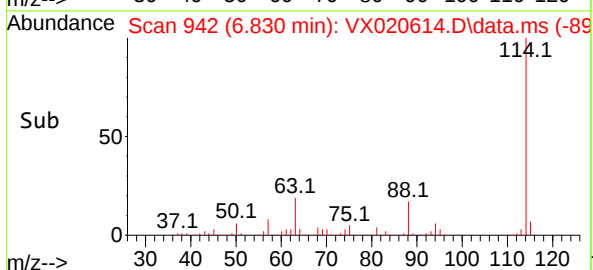
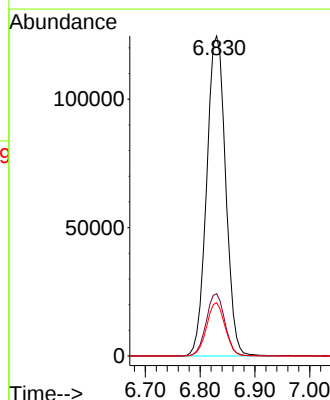
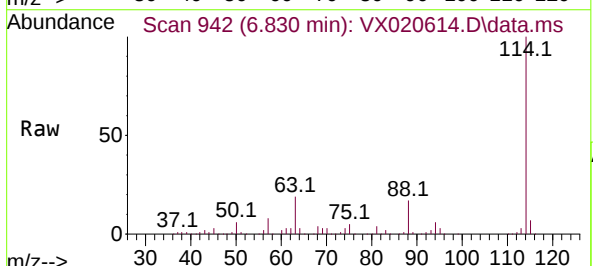
Tgt Ion: 114 Resp: 298725

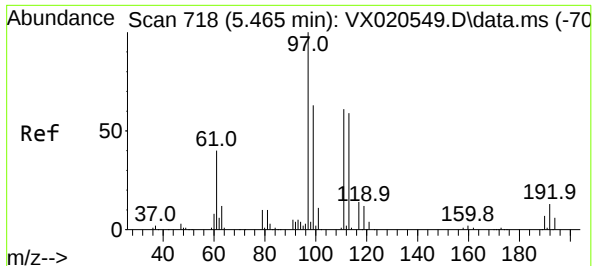
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.48 ug/l

RT: 5.465 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX020614.D

Acq: 14 Jan 2021 15:50

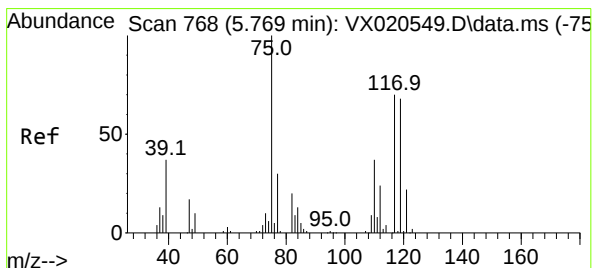
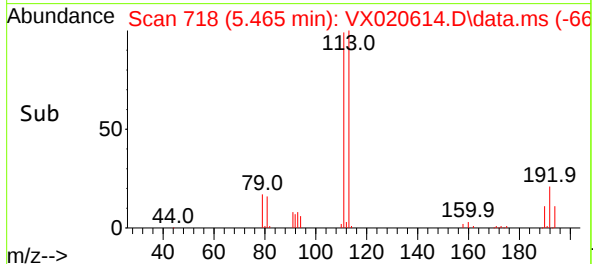
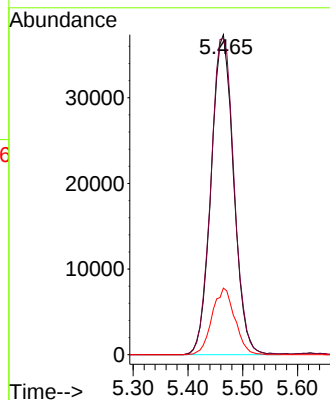
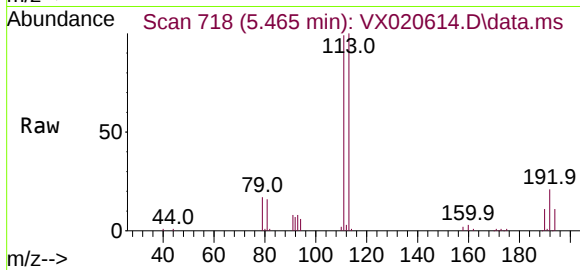
Tgt Ion:113 Resp: 106553

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 21.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.95 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.140 min

Lab File: VX020614.D

Acq: 14 Jan 2021 15:50

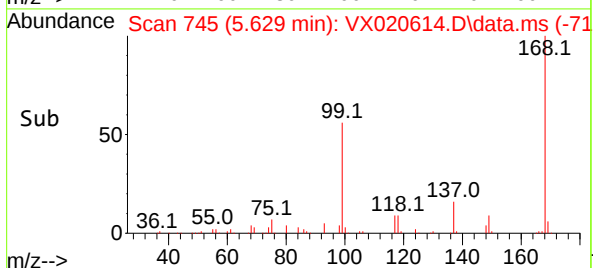
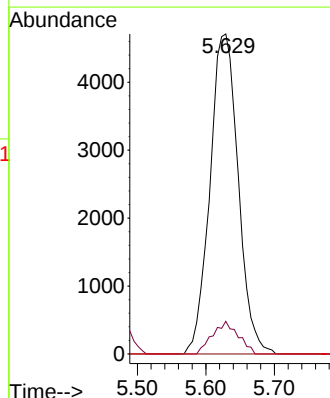
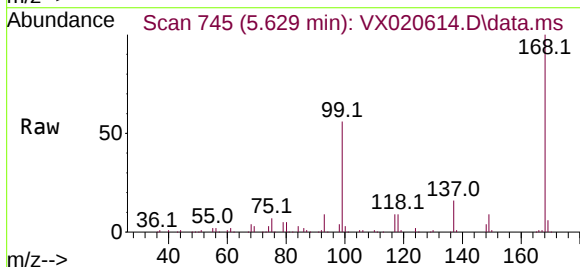
Tgt Ion: 75 Resp: 13506

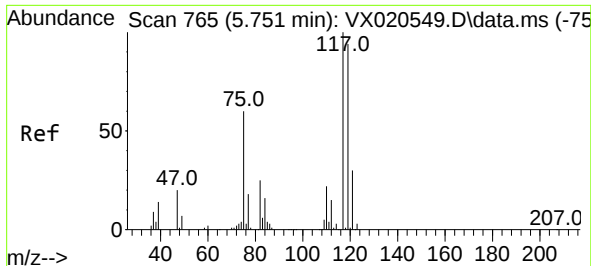
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

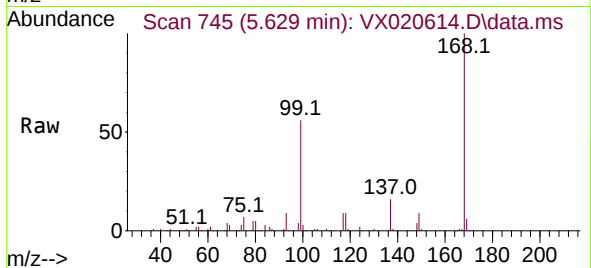
77 0.0 25.3 37.9#



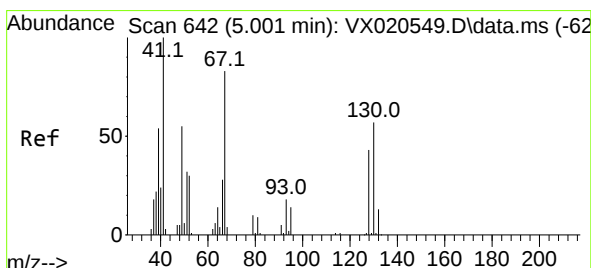
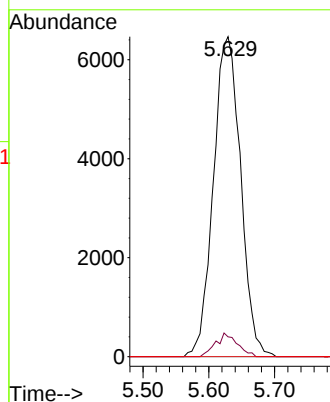
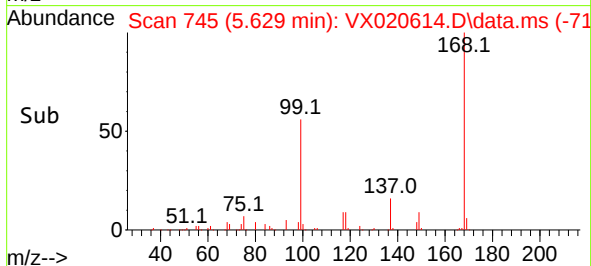


#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

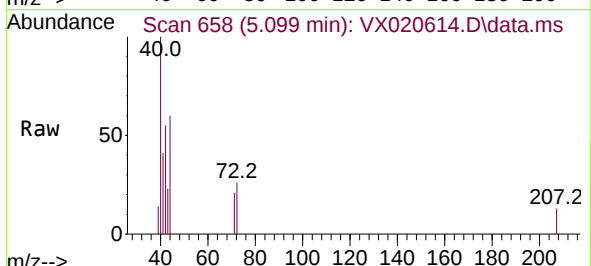
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03



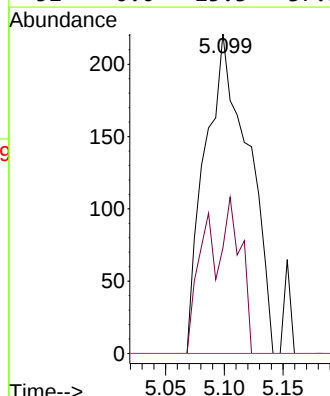
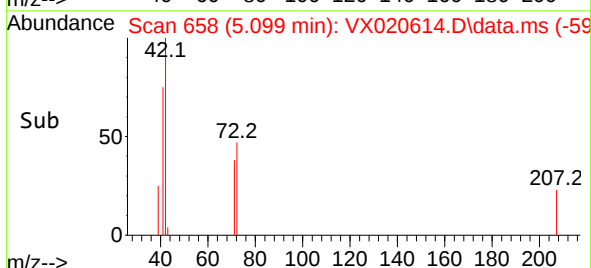
Tgt Ion:117 Resp: 18653
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

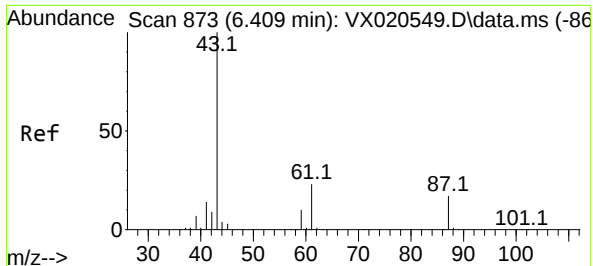


#41
Methacrylonitrile
Concen: 0.44 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.098 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50



Tgt Ion: 41 Resp: 566
Ion Ratio Lower Upper
41 100
39 21.2 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

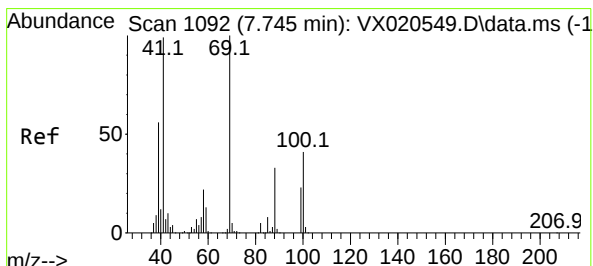
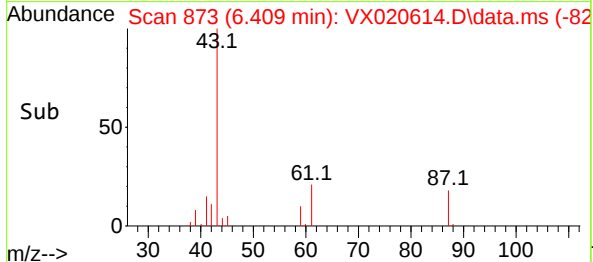
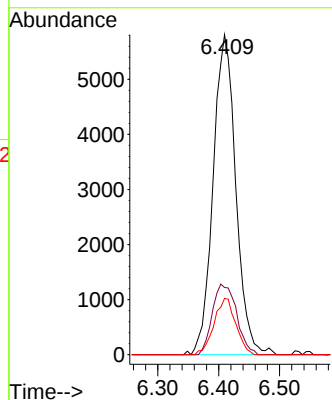
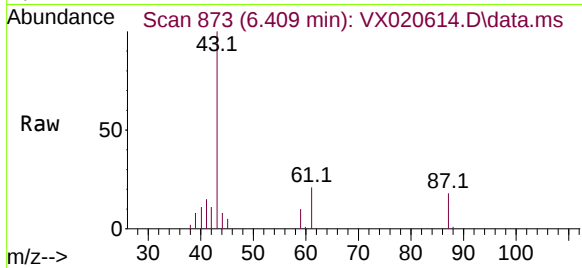




#43
Isopropyl Acetate
Concen: 3.92 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

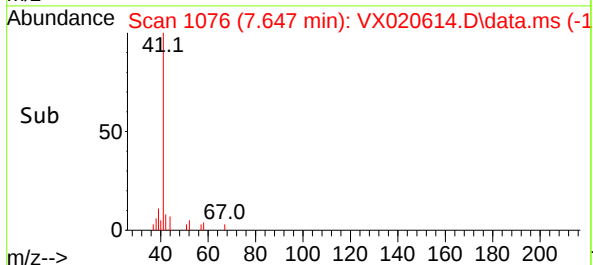
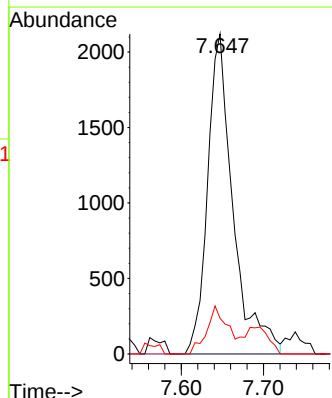
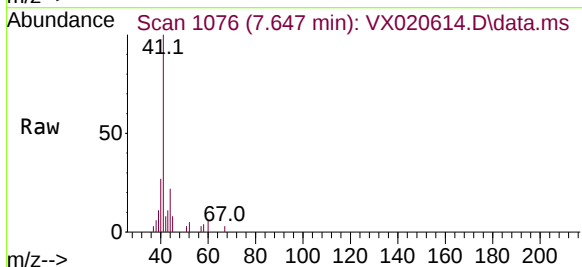
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03

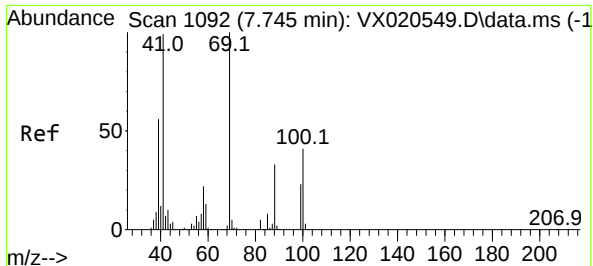
Tgt Ion: 43	Resp: 15061
Ion Ratio	Lower Upper
43 100	
61 23.5	18.2 27.4
87 16.8	12.5 18.7



#48
Methyl methacrylate
Concen: 2.44 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.098 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

Tgt Ion: 41	Resp: 4560
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#





#49

1,4-Dioxane

Concen: 2.14 ug/l

RT: 7.848 min Scan# 1109

Delta R.T. 0.103 min

Lab File: VX020614.D

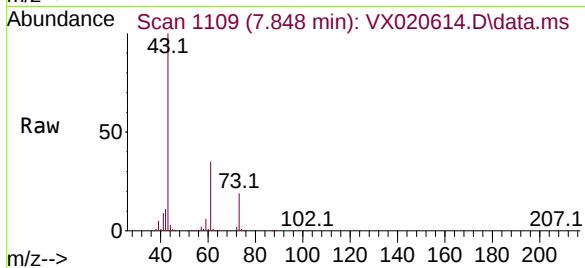
Acq: 14 Jan 2021 15:50

Instrument :

MSVOA_X

ClientSampleId :

PB134118ZHE#03



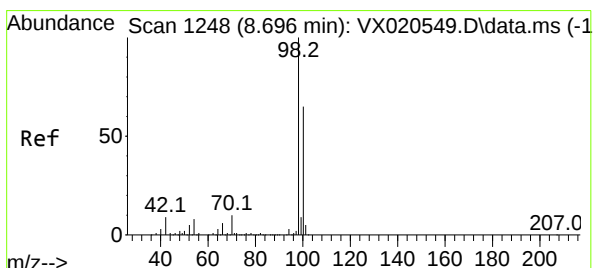
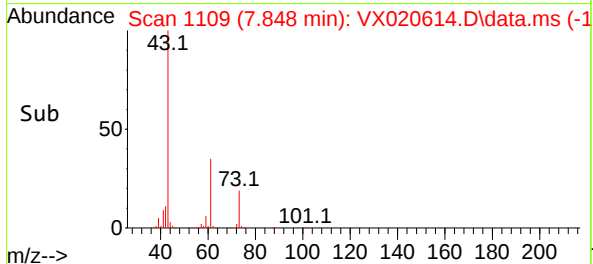
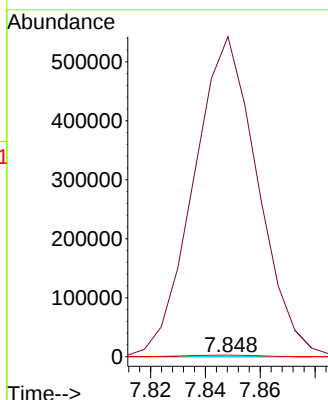
Tgt Ion: 88 Resp: 101

Ion Ratio Lower Upper

88 100

43 879232.7 23.2 34.8#

58 5013.9 55.0 82.4#



#50

Toluene-d8

Concen: 52.24 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VX020614.D

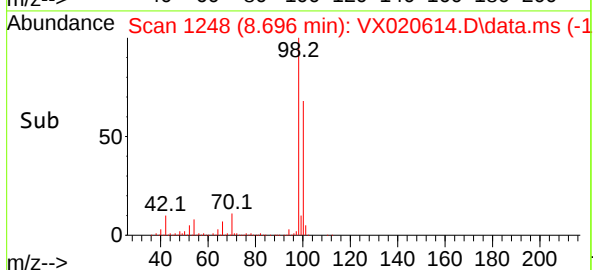
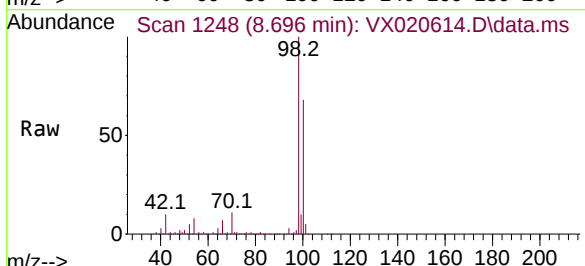
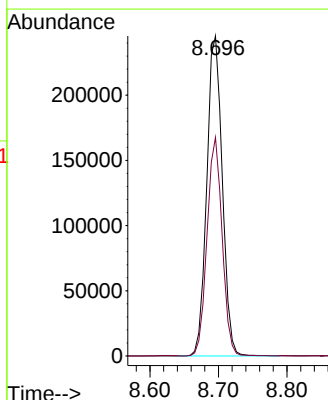
Acq: 14 Jan 2021 15:50

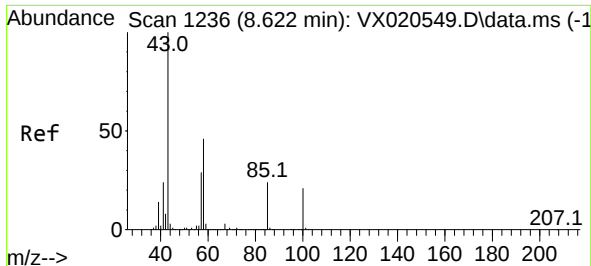
Tgt Ion: 98 Resp: 386885

Ion Ratio Lower Upper

98 100

100 66.5 51.9 77.9

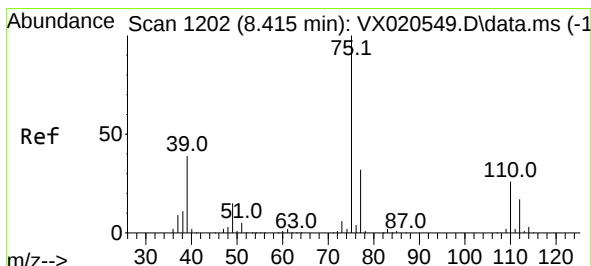
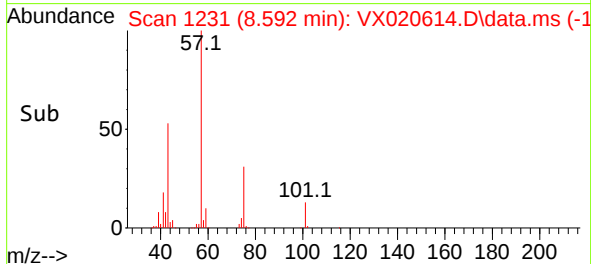
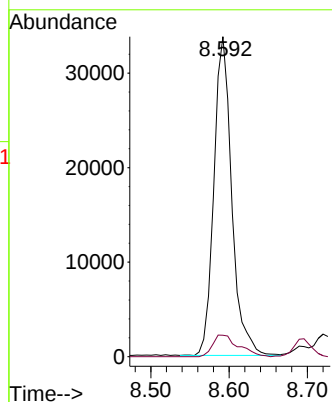
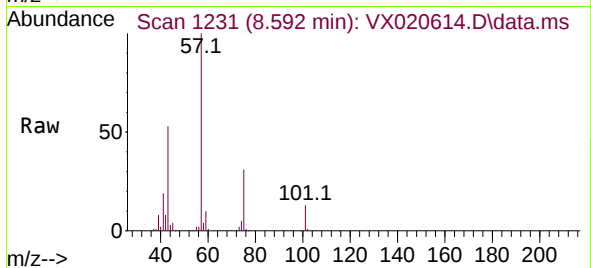




#51
4-Methyl-2-Pentanone
Concen: 22.41 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.030 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

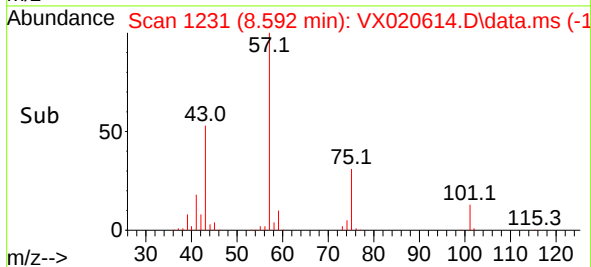
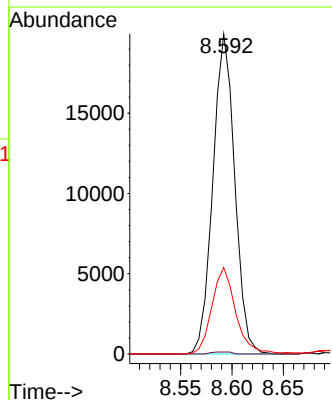
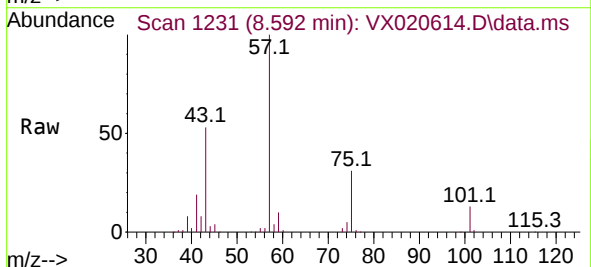
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03

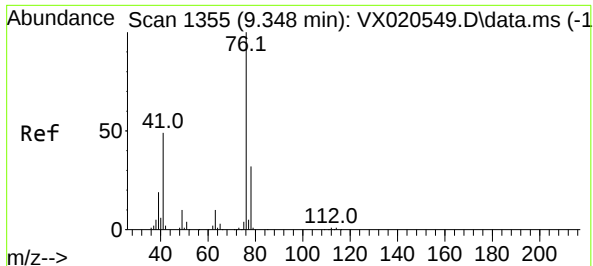
Tgt Ion: 43 Resp: 53413
Ion Ratio Lower Upper
43 100
58 9.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.65 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

Tgt Ion: 75 Resp: 29427
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 27.0 35.1 52.7#

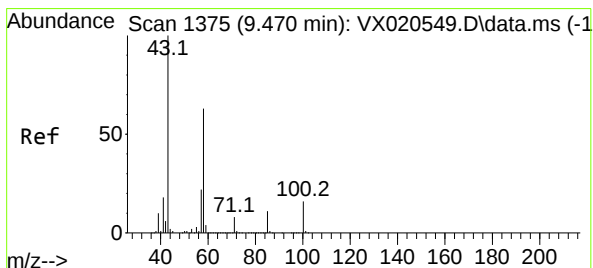
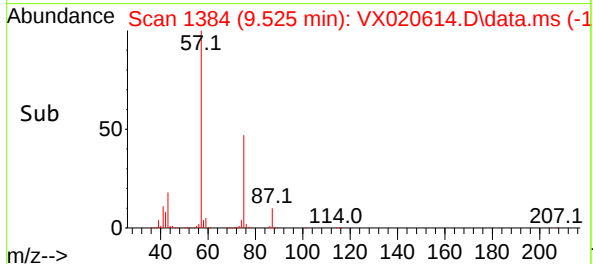
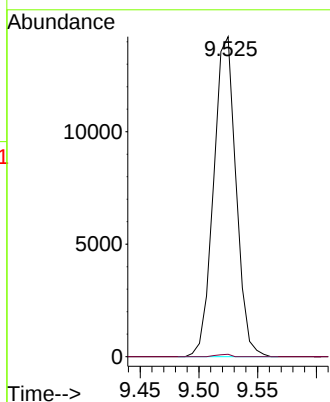
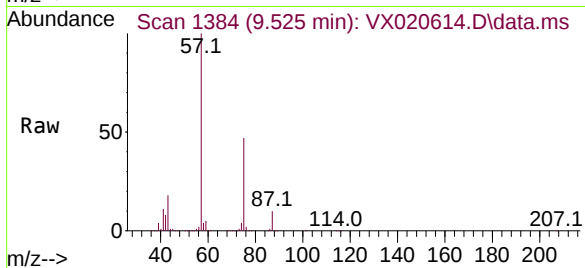




#57
1,3-Dichloropropane
Concen: 5.27 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

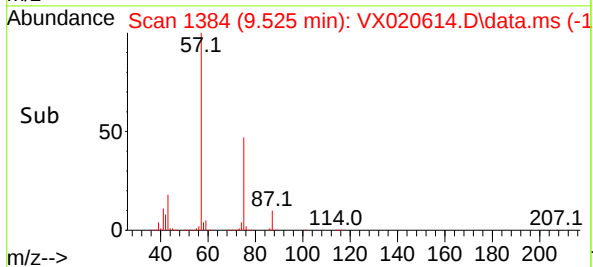
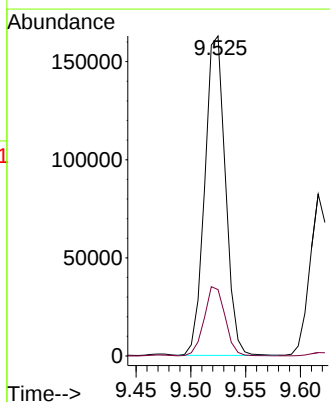
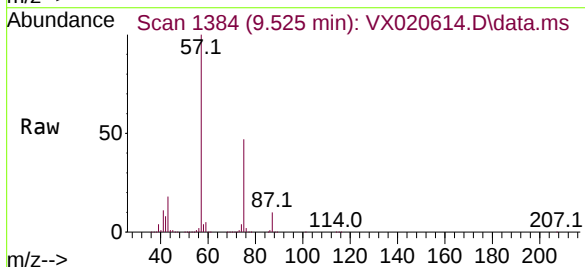
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03

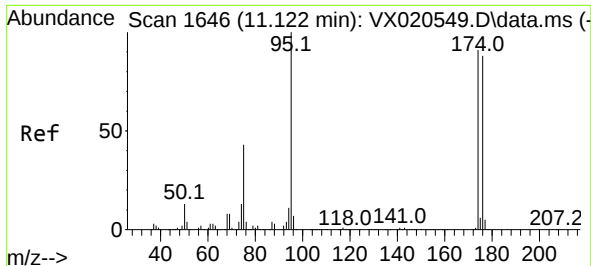
Tgt Ion: 76 Resp: 18877
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#



#59
2-Hexanone
Concen: 119.34 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

Tgt Ion: 43 Resp: 213276
Ion Ratio Lower Upper
43 100
58 21.9 30.9 92.8#

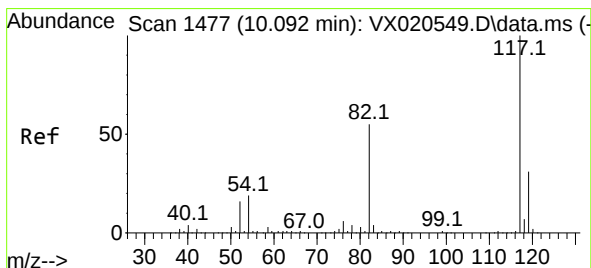
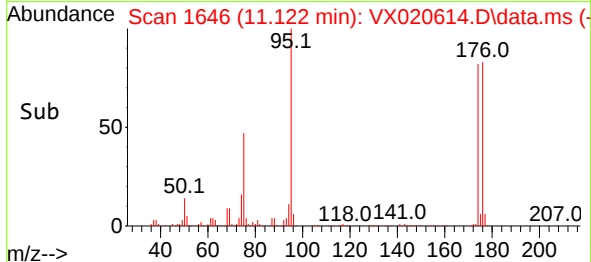
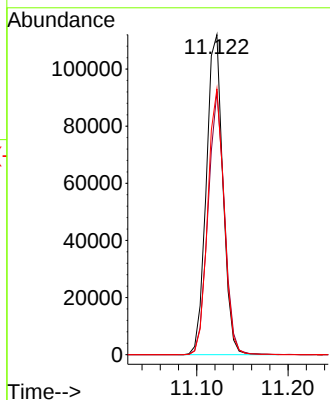
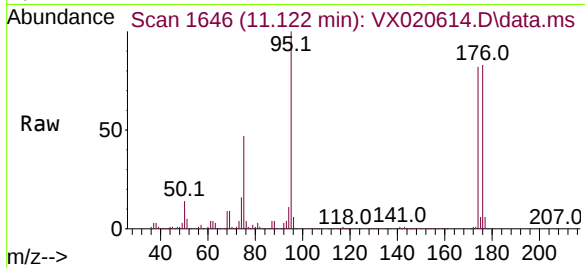




#62
4-Bromofluorobenzene
Concen: 53.86 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

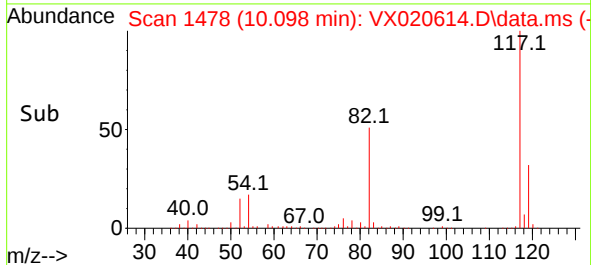
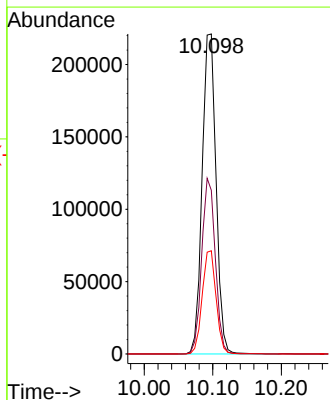
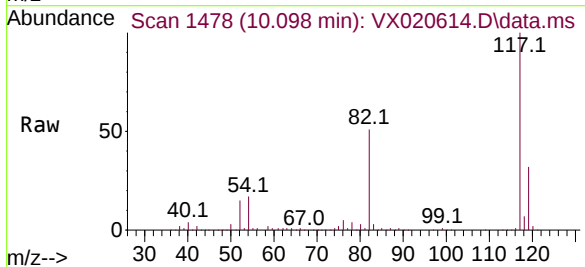
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03

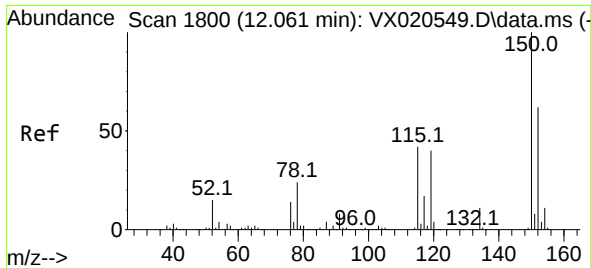
Tgt Ion: 95 Resp: 140882
Ion Ratio Lower Upper
95 100
174 81.1 0.0 154.6
176 82.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

Tgt Ion: 117 Resp: 312803
Ion Ratio Lower Upper
117 100
82 51.2 47.4 71.2
119 32.2 26.6 39.8

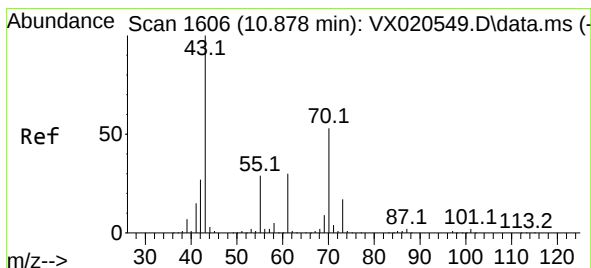
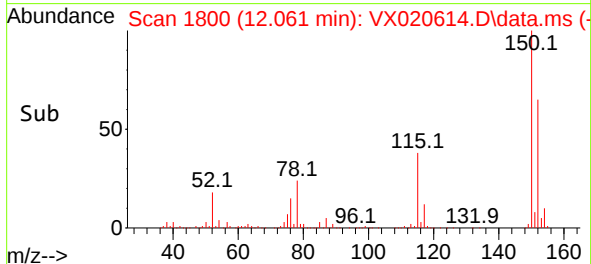
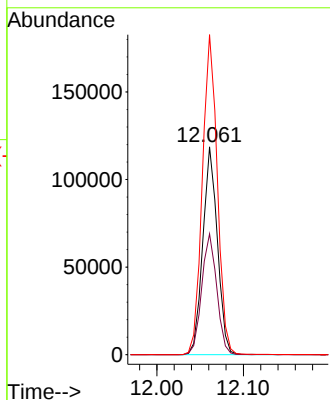
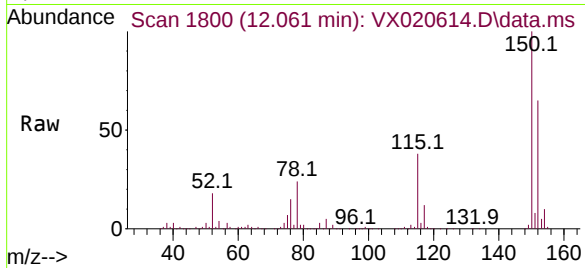




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020614.D
 Acq: 14 Jan 2021 15:50

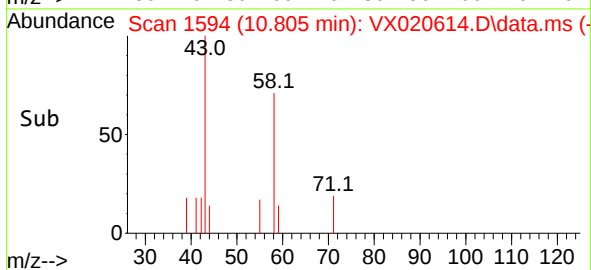
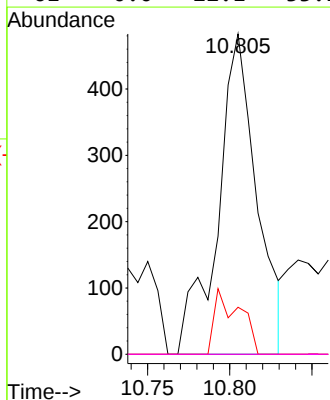
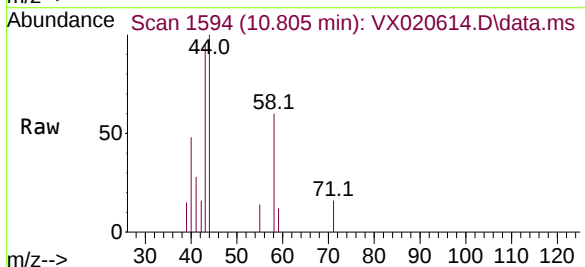
Instrument :
 MSVOA_X
 ClientSampleId :
 PB134118ZHE#03

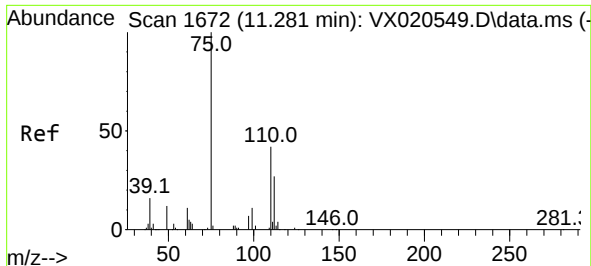
Tgt Ion:152 Resp: 138917
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 157.8 0.0 349.0



#74
 N-ethyl acetate
 Concen: 1.47 ug/l
 RT: 10.805 min Scan# 1594
 Delta R.T. -0.073 min
 Lab File: VX020614.D
 Acq: 14 Jan 2021 15:50

Tgt Ion: 43 Resp: 800
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 13.1 21.5 32.3#
 61 0.0 22.1 33.1#

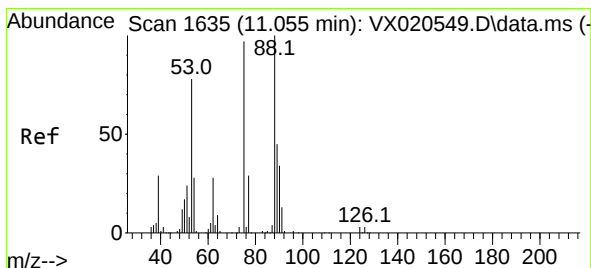
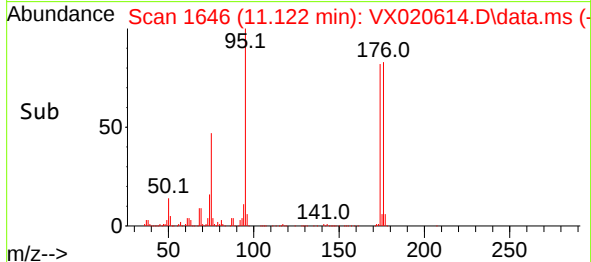
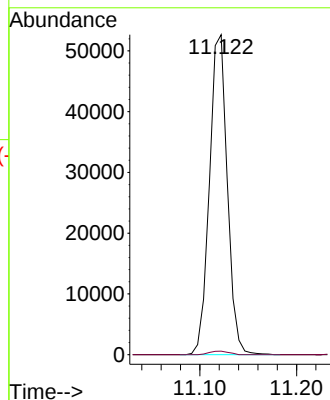
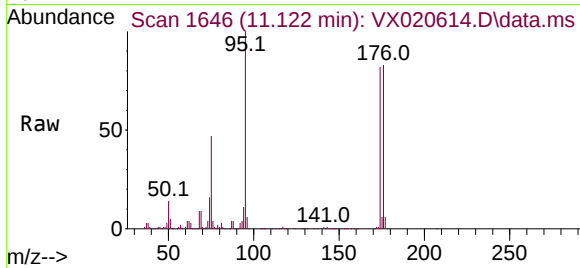




#76
1,2,3-Trichloropropane
Concen: 23.15 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

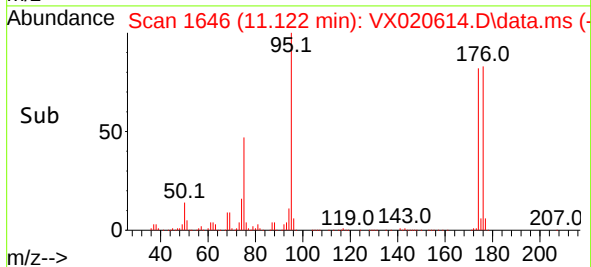
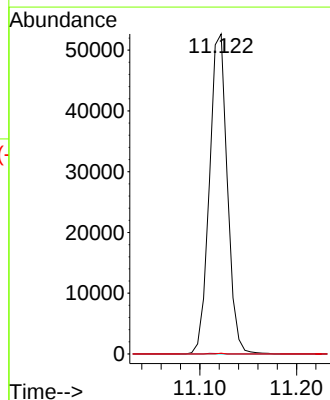
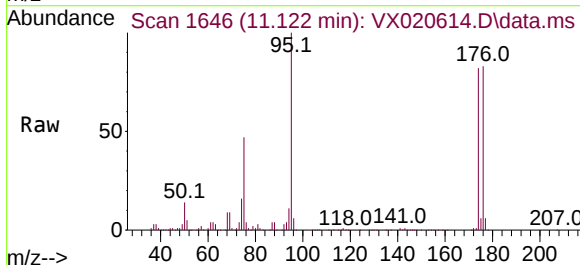
Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03

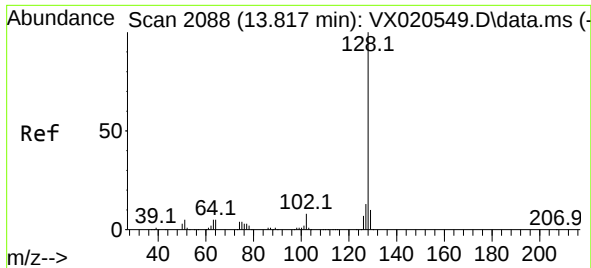
Tgt Ion: 75 Resp: 67752
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.08 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

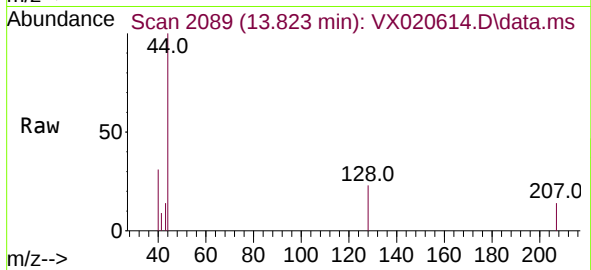
Tgt Ion: 75 Resp: 67752
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020614.D
Acq: 14 Jan 2021 15:50

Instrument :
MSVOA_X
ClientSampleId :
PB134118ZHE#03



Tgt Ion:128 Resp: 167
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

