

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064347.D
 Acq On : 28 Oct 2020 13:11
 Operator : JC/MD
 Sample : L4486-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1814

Quant Time: Oct 29 02:40:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	222706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	387770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	393821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186767	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	178738	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.55	113	130998	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.06	98	510694	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.38	95	223512	59.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.86%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	1589	0.574	ug/l	96
11) Tert butyl alcohol	4.73	59	7700	14.821	ug/l #	74
13) Acrolein	3.58	56	99	18.495	ug/l #	1
16) Acetone	3.78	43	72171	53.373	ug/l	97
17) Carbon Disulfide	4.01	76	61890	9.831	ug/l	100
18) Methyl Acetate	4.28	43	19844	7.381	ug/l	97
20) Methylene Chloride	4.51	84	5732	2.258	ug/l #	87
22) Diisopropyl ether	5.99	45	92804	10.929	ug/l #	1
23) Vinyl Acetate	5.99	43	239869	33.388	ug/l #	75
25) 2-Butanone	6.79	43	18404	10.242	ug/l #	90
29) Tetrahydrofuran	7.15	42	3918	3.359	ug/l #	53
30) Chloroform	7.33	83	2997	0.591	ug/l #	60
31) Cyclohexane	7.63	56	6118	1.473	ug/l #	13
36) 1,1-Dichloropropene	7.62	75	18730	4.786	ug/l #	43
37) Ethyl Acetate	6.88	43	25199	6.375	ug/l	98
38) Carbon Tetrachloride	7.62	117	24563	5.414	ug/l #	18
40) Benzene	8.01	78	4104	0.377	ug/l	98
41) Methacrylonitrile	7.14	41	11523	5.872	ug/l #	44
43) Isopropyl Acetate	8.21	43	2837	0.420	ug/l #	57
48) Methyl methacrylate	9.14	41	21347	6.123	ug/l #	51
49) 1,4-Dioxane	9.16	88	77	1.498	ug/l #	20
51) 4-Methyl-2-Pentanone	9.95	43	94423	24.039	ug/l	100
52) Toluene	10.12	92	18182	2.645	ug/l	91
55) 1,1,2-Trichloroethane	10.43	97	1138	0.419	ug/l #	29
56) Ethyl methacrylate	10.32	69	55419	13.492	ug/l #	72
59) 2-Hexanone	10.72	43	135313	46.774	ug/l	99
67) Ethyl Benzene	11.48	91	45209	3.046	ug/l	96
68) m/p-Xylenes	11.59	106	81456	14.808	ug/l	98
69) o-Xylene	11.92	106	57632	10.875	ug/l	99
70) Styrene	11.92	104	4191	0.482	ug/l #	1
73) Isopropylbenzene	12.23	105	15139	1.082	ug/l	93
74) N-amyl acetate	12.00	43	129202	20.984	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.42	83	2569	0.632	ug/l #	25
76) 1,2,3-Trichloropropane	12.38	75	117826	26.344	ug/l #	100

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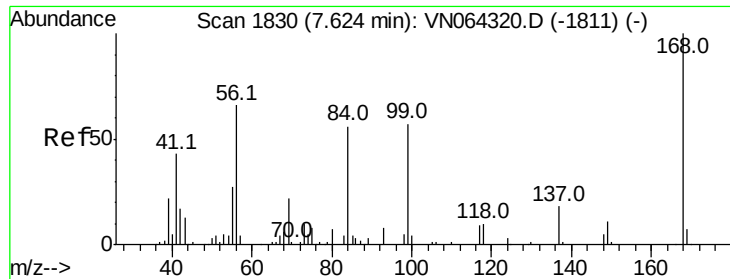
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.57	91	81089	5.120	ug/l	97
79) 2-Chlorotoluene	12.63	91	42184	4.167	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	177645	15.009	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.22	75	1358608	875.001	ug/l #	19
82) 4-Chlorotoluene	12.71	91	24840	2.409	ug/l #	45
83) tert-Butylbenzene	13.01	119	92936	9.569	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.01	105	817206	69.098	ug/l	100
85) sec-Butylbenzene	13.14	105	40085	3.189	ug/l	80
86) p-Isopropyltoluene	13.26	119	256950	22.692	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	1305	0.214	ug/l #	1
89) n-Butylbenzene	13.59	91	99315	9.956	ug/l #	71
90) Hexachloroethane	13.86	117	61540	28.939	ug/l #	10
91) 1,2-Dichlorobenzene	13.62	146	1266	0.212	ug/l #	58
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3990	3.955	ug/l #	41
93) 1,2,4-Trichlorobenzene	14.89	180	3765	3.072	ug/l #	1
94) Hexachlorobutadiene	14.97	225	1067	0.583	ug/l	74
95) Naphthalene	15.10	128	1111748	102.652	ug/l	95
96) 1,2,3-Trichlorobenzene	15.25	180	23602	9.016	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampled :

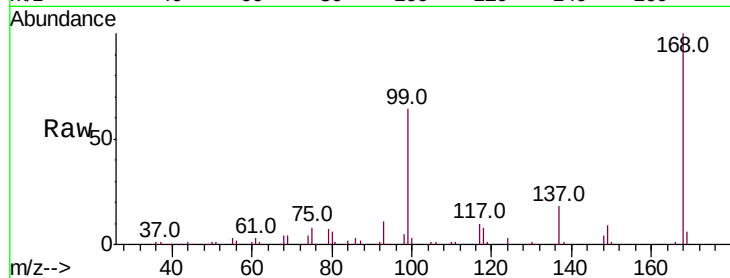
1814

Tot Ion:168 Resp: 222706

Ion Ratio Lower Upper

168 100

99 64.1 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

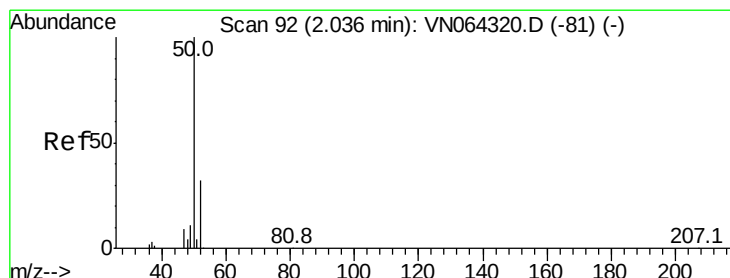
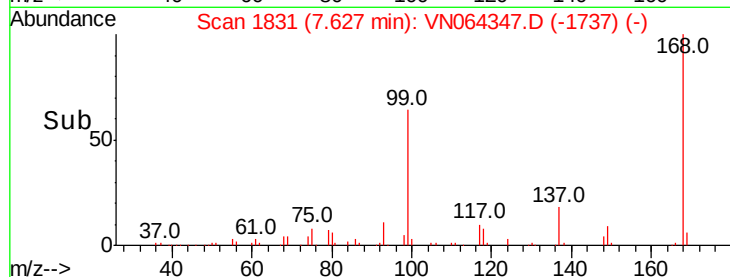
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.574 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN064347.D

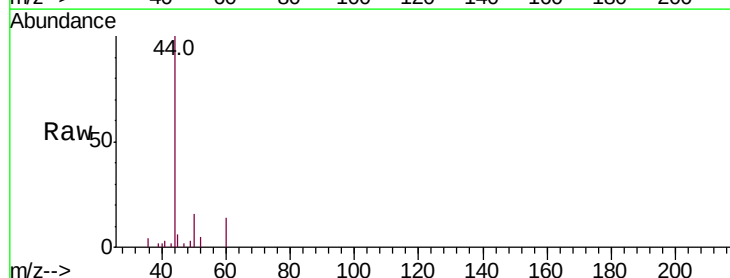
Acq: 28 Oct 2020 13:11

Tgt Ion: 50 Resp: 1589

Ion Ratio Lower Upper

50 100

52 30.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

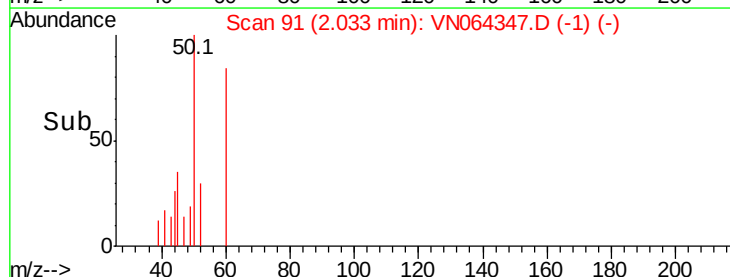
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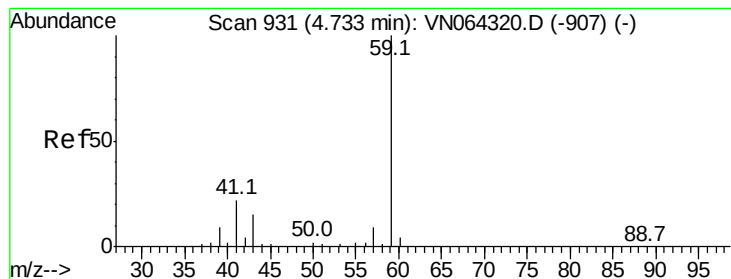
1000

500

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Time-->



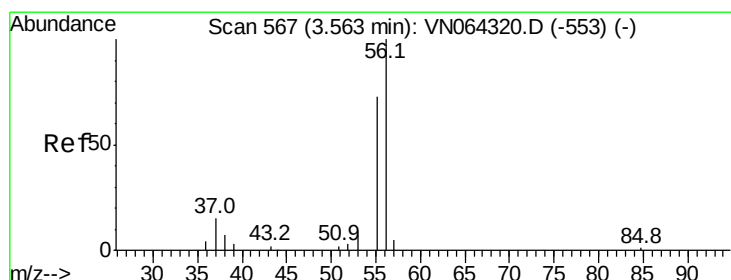
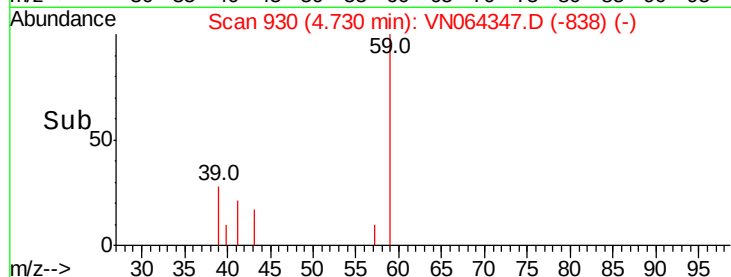
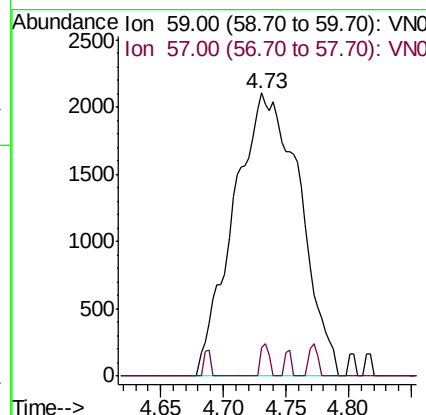
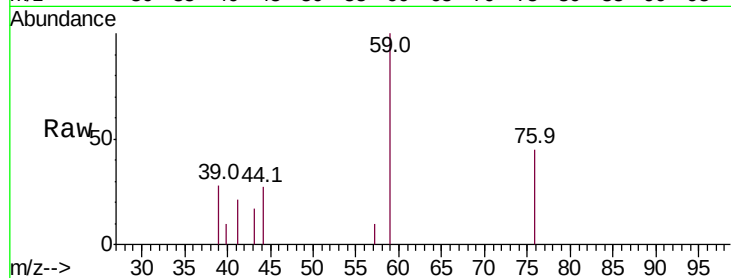


#11

Tert butyl alcohol
 Concen: 14.821 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 1814

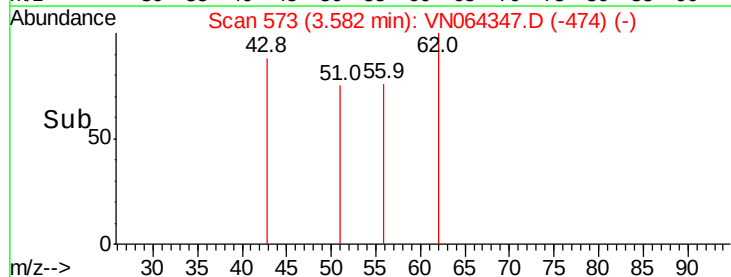
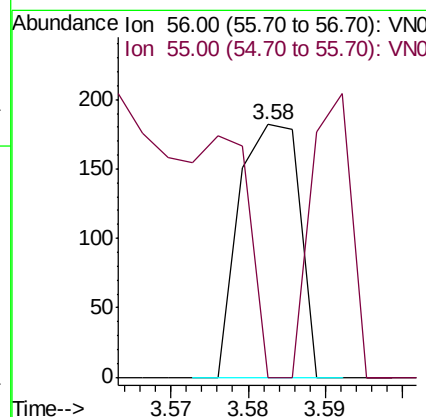
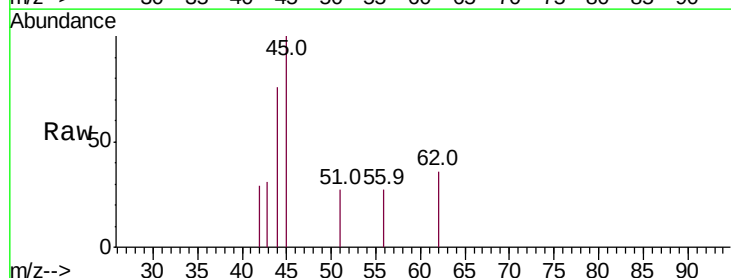
Tot Ion: 59 Resp: 7700
 Ion Ratio Lower Upper
 59 100
 57 1.5 9.4 14.0#

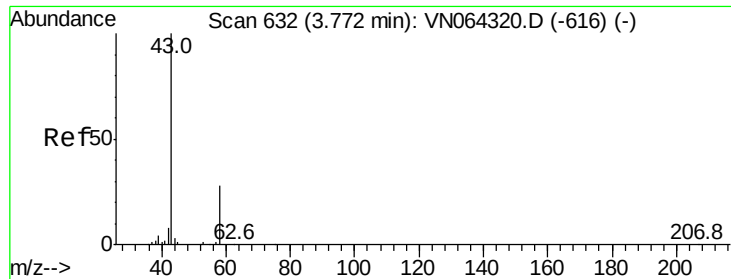


#13

Acrolein
 Concen: 18.495 ug/l
 RT: 3.58 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

Tgt Ion: 56 Resp: 99
 Ion Ratio Lower Upper
 56 100
 55 236.4 62.6 94.0#





#16

Acetone

Concen: 53.373 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampled :

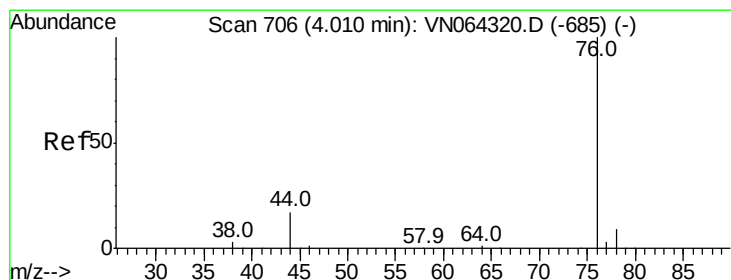
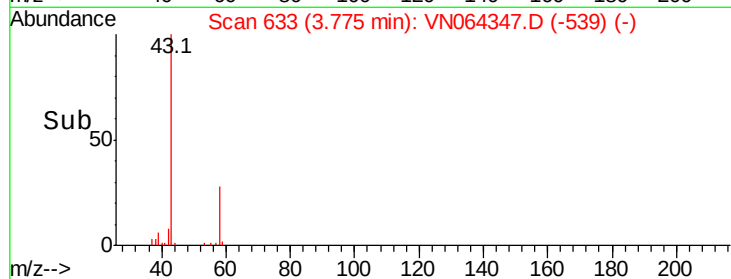
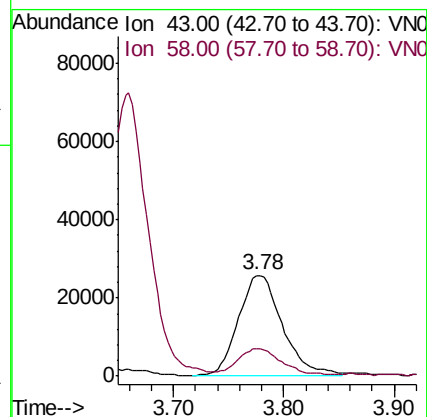
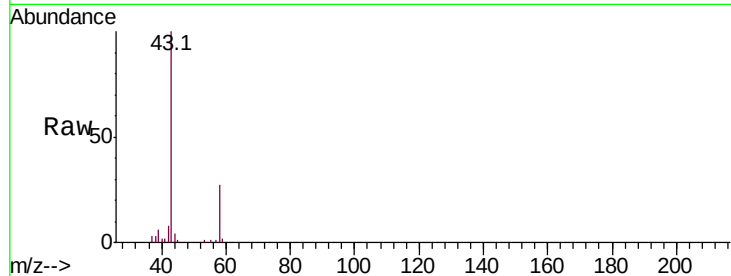
1814

Tot Ion: 43 Resp: 72171

Ion Ratio Lower Upper

43 100

58 25.9 22.1 33.1



#17

Carbon Disulfide

Concen: 9.831 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064347.D

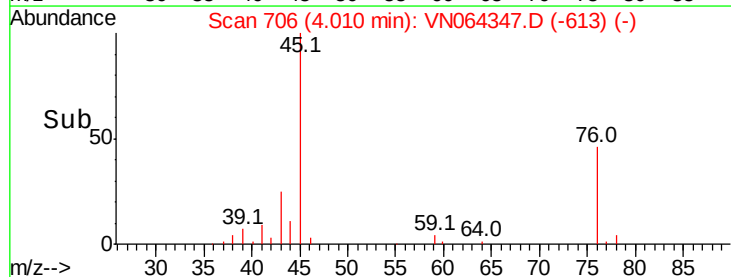
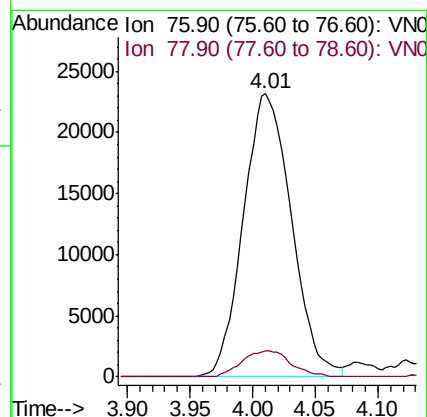
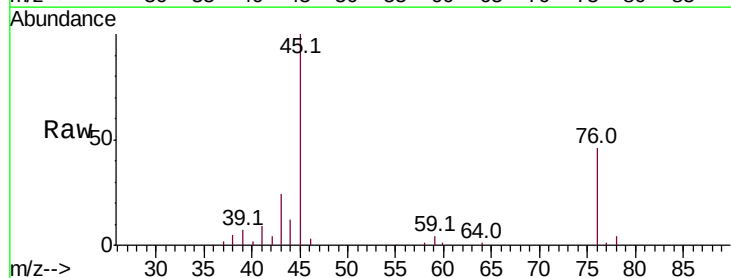
Acq: 28 Oct 2020 13:11

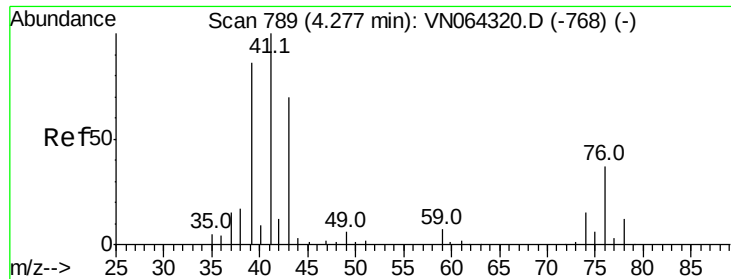
Tgt Ion: 76 Resp: 61890

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

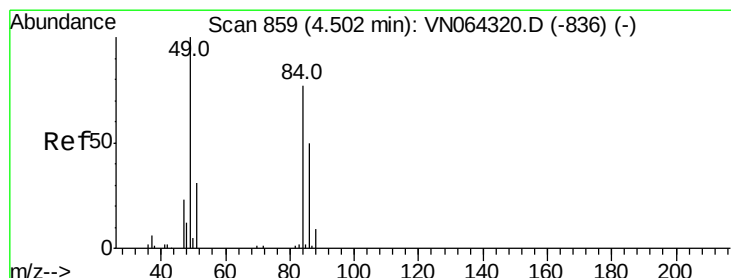
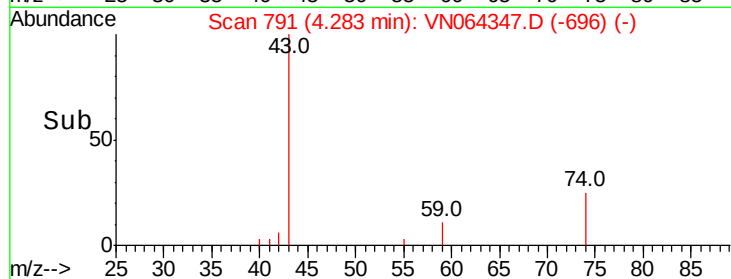
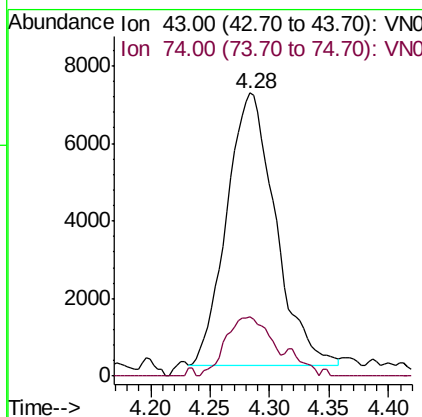
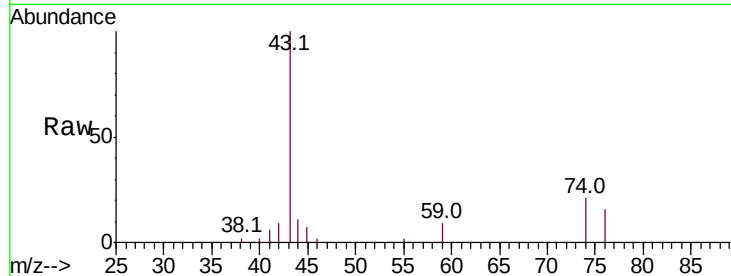




#18
Methyl Acetate
Concen: 7.381 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

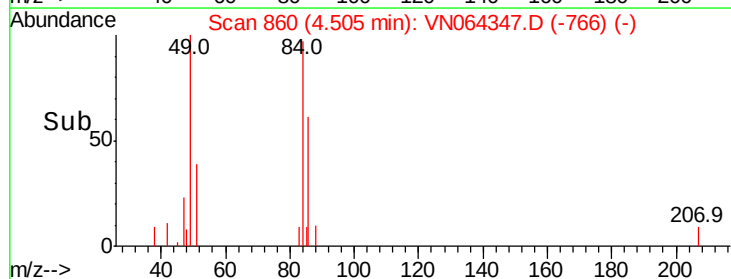
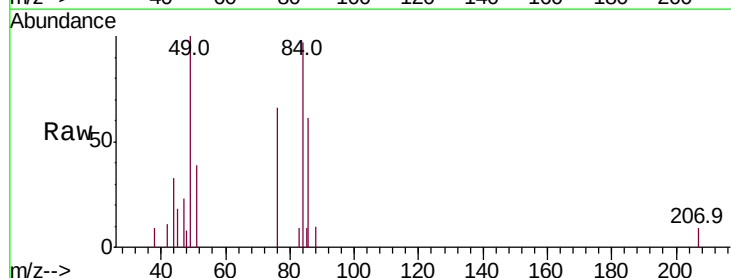
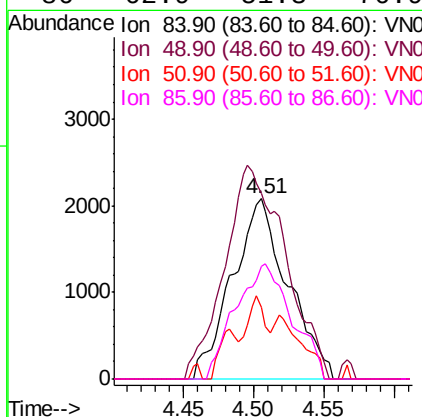
Instrument :
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1814

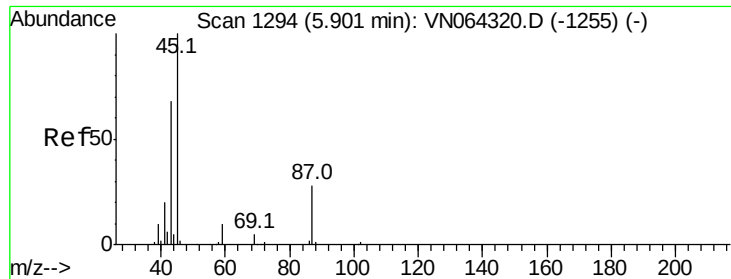
Tot Ion: 43 Resp: 19844
Ion Ratio Lower Upper
43 100
74 19.7 16.7 25.1



#20
Methylene Chloride
Concen: 2.258 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

Tgt Ion: 84 Resp: 5732
Ion Ratio Lower Upper
84 100
49 102.9 103.6 155.4#
51 39.7 31.8 47.8
86 62.9 51.3 76.9





#22

Diisopropyl ether

Concen: 10.929 ug/l

RT: 5.99 min Scan# 1322

Delta R.T. 0.09 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

1814

Tot Ion: 45 Resp: 92804

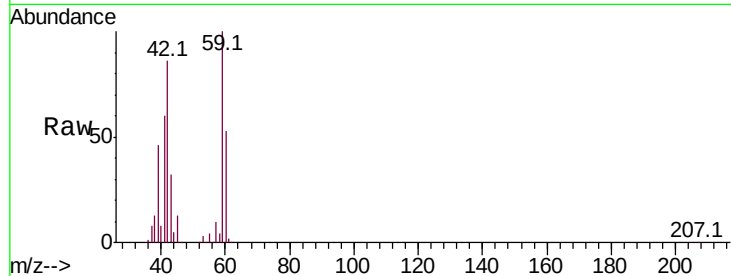
Ion Ratio Lower Upper

45 100

43 252.0 54.6 82.0#

87 0.0 22.6 33.8#

59 795.5 8.6 12.8#

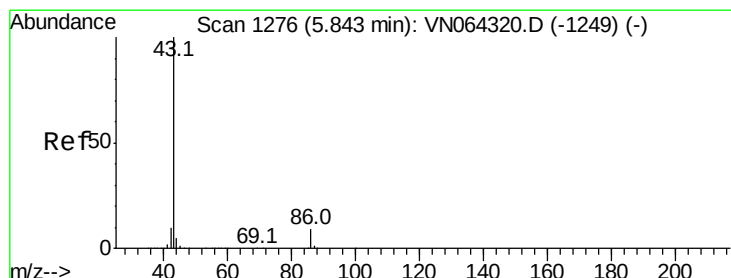
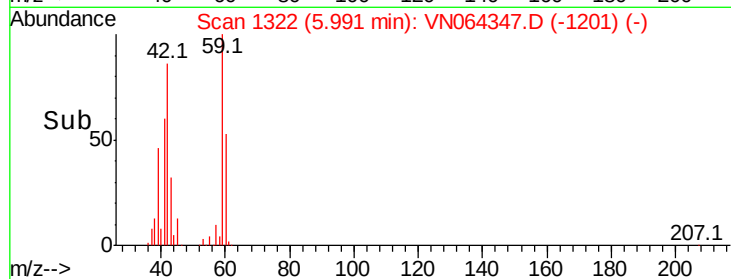
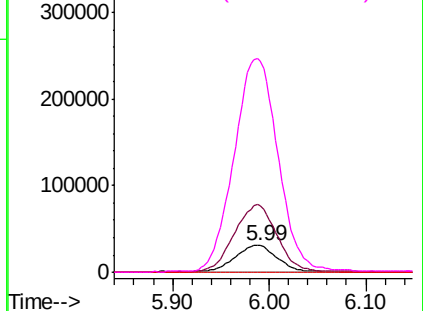


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 33.388 ug/l

RT: 5.99 min Scan# 1321

Delta R.T. 0.14 min

Lab File: VN064347.D

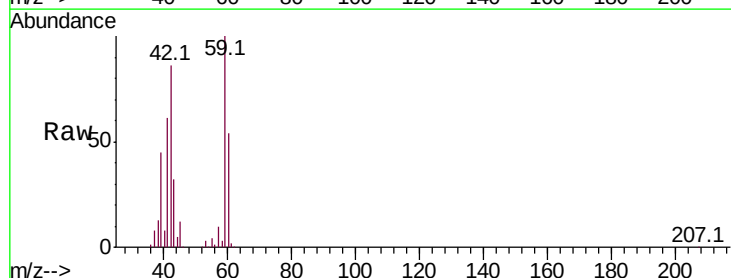
Acq: 28 Oct 2020 13:11

Tgt Ion: 43 Resp: 239869

Ion Ratio Lower Upper

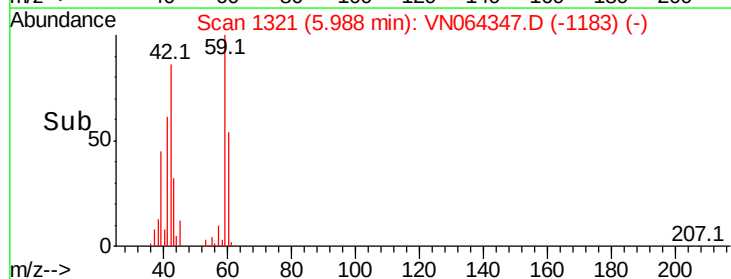
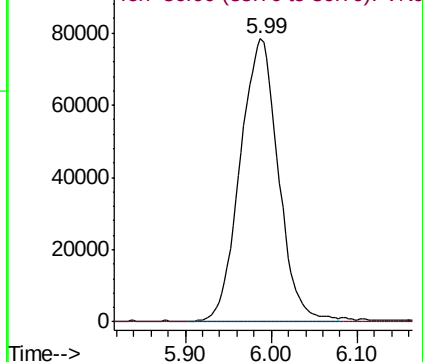
43 100

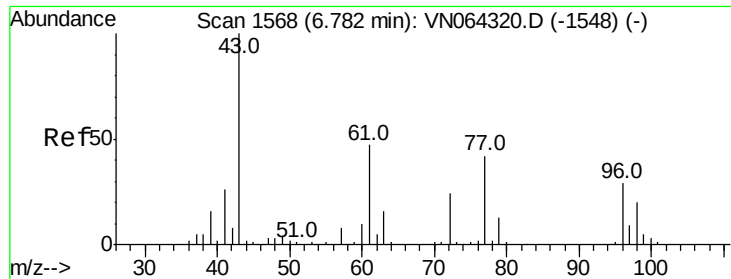
86 0.0 7.3 10.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

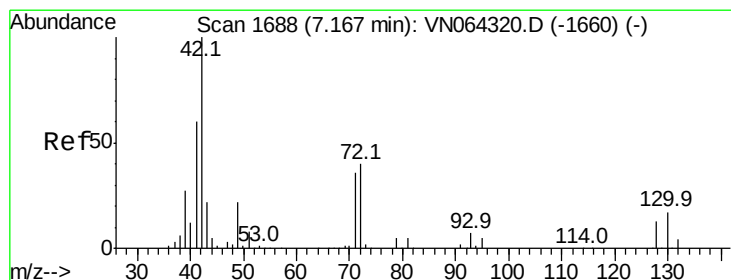
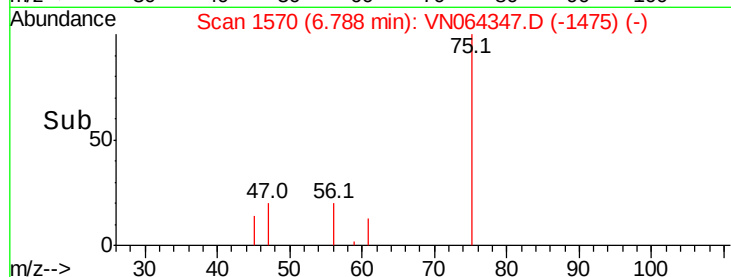
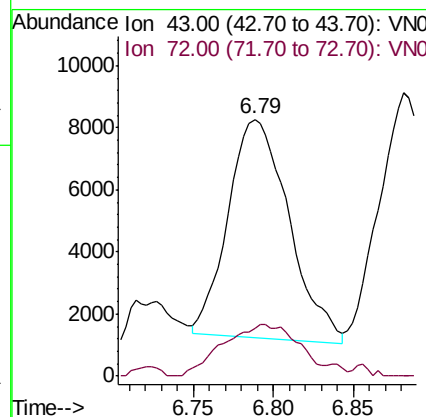
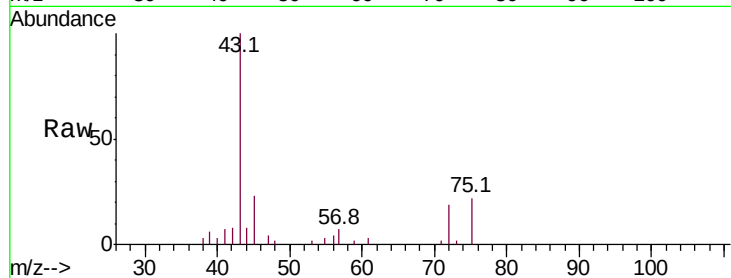




#25
2-Butanone
Concen: 10.242 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

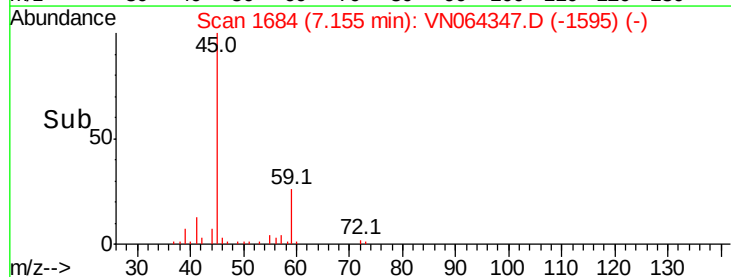
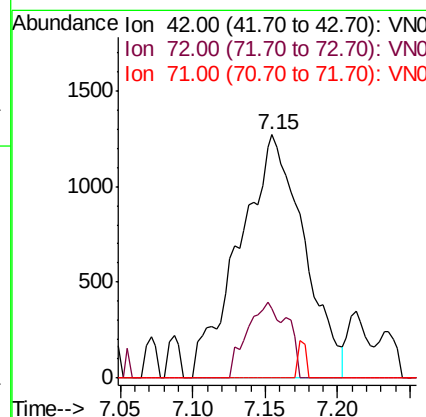
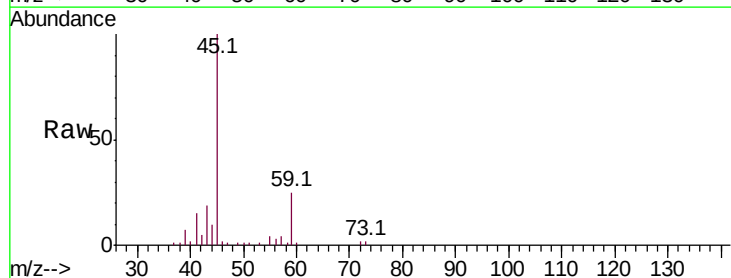
Instrument :
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1814

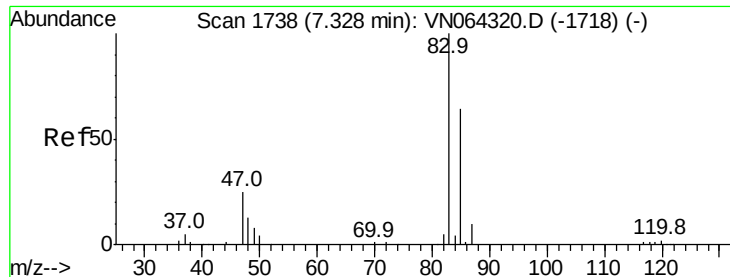
Tot Ion: 43 Resp: 18404
Ion Ratio Lower Upper
43 100
72 18.4 18.8 28.2#



#29
Tetrahydrofuran
Concen: 3.359 ug/l
RT: 7.15 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

Tgt Ion: 42 Resp: 3918
Ion Ratio Lower Upper
42 100
72 19.6 31.6 47.4#
71 0.0 29.4 44.0#





#30

Chloroform

Concen: 0.591 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

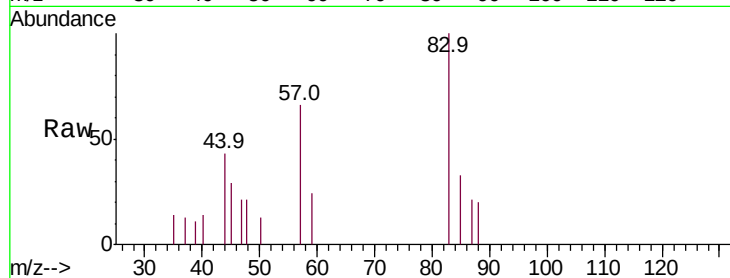
1814

Tot Ion: 83 Resp: 2997

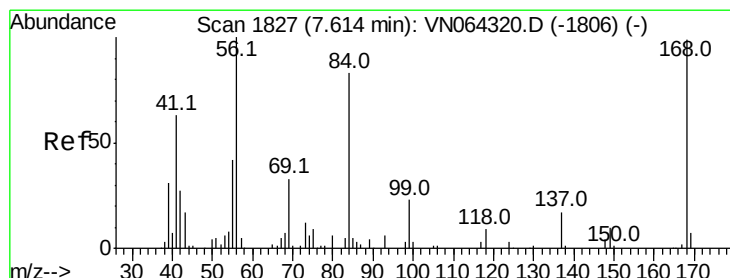
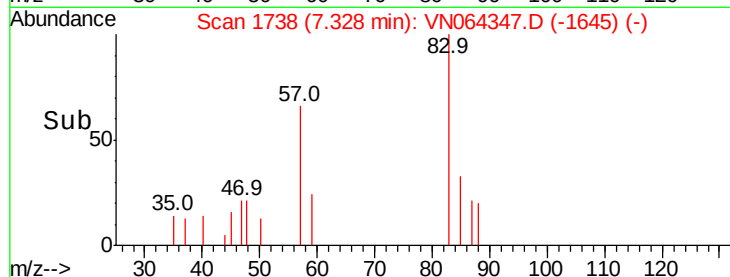
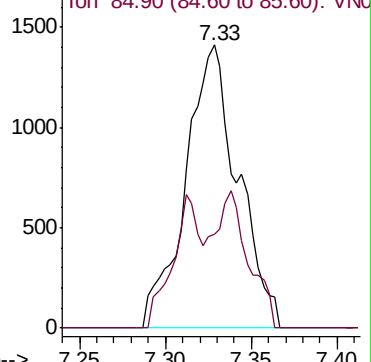
Ion Ratio Lower Upper

83 100

85 33.0 51.1 76.7#



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-1718) (-)



#31

Cyclohexane

Concen: 1.473 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

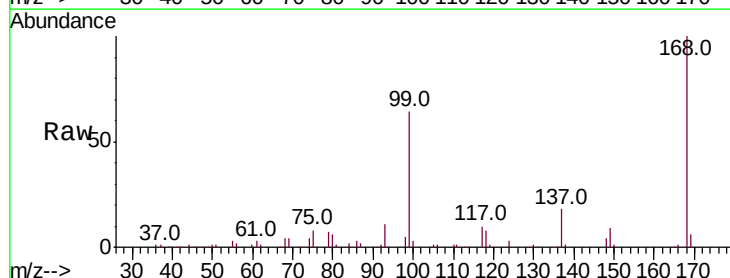
Tgt Ion: 56 Resp: 6118

Ion Ratio Lower Upper

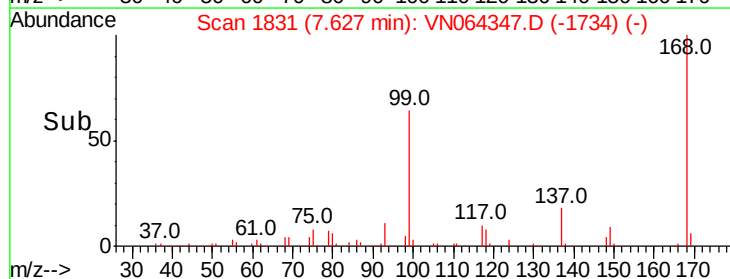
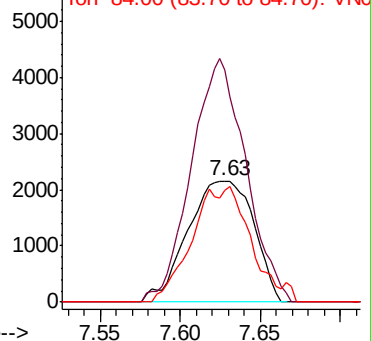
56 100

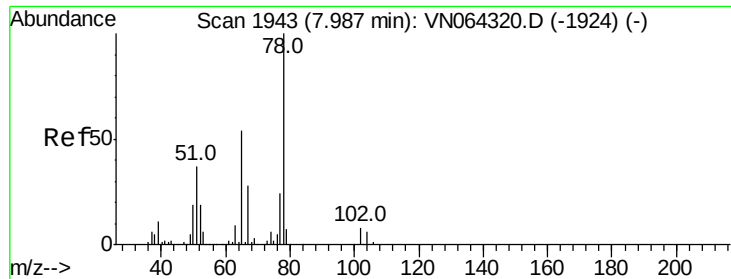
69 191.0 25.8 38.8#

84 91.9 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VN064320.D (-1806) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.943 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

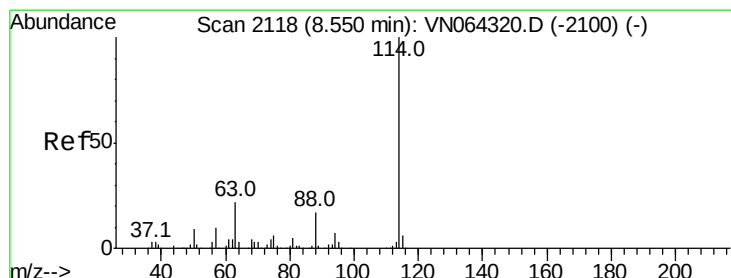
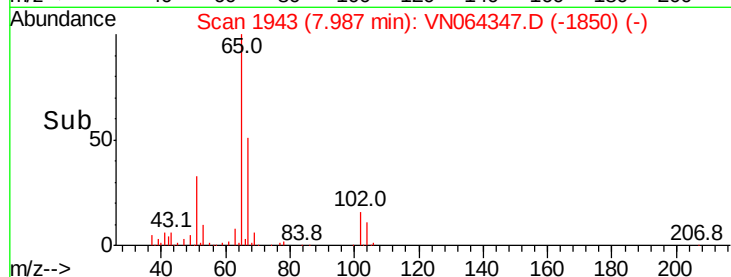
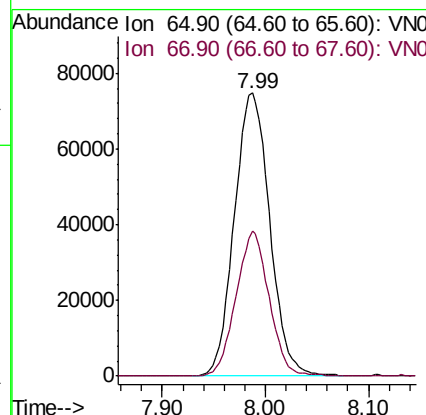
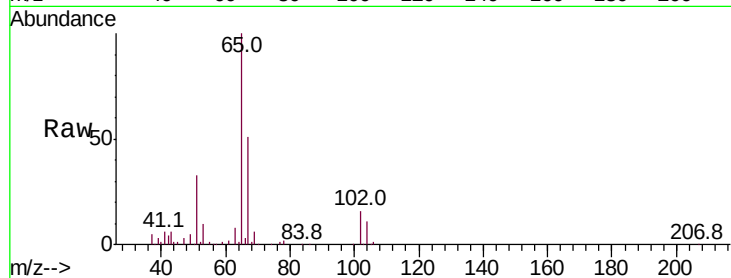
Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :
MSVOA_N
ClientSampleId :
1814

Tot Ion: 65 Resp: 178738

Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

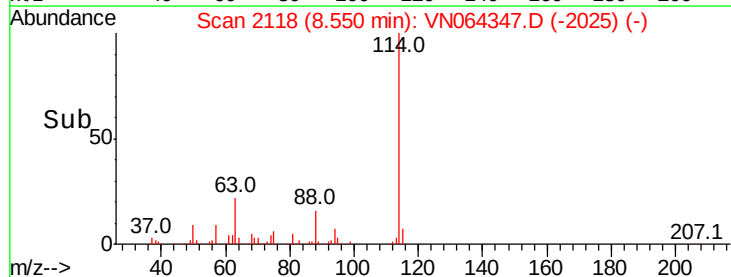
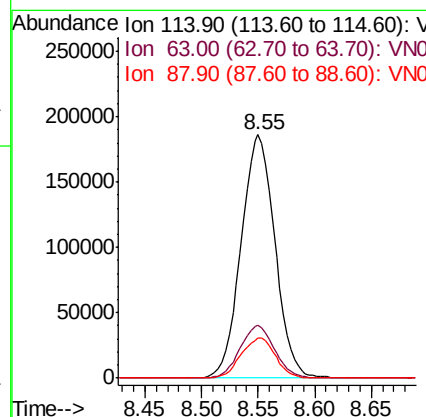
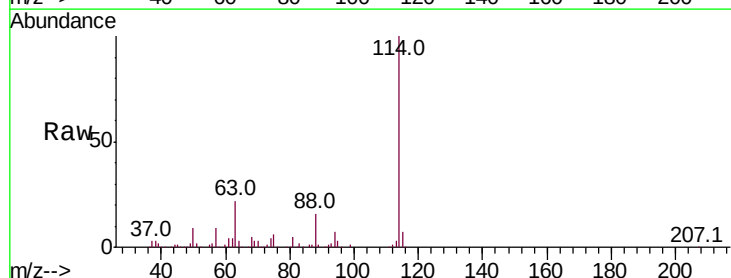
Delta R.T. 0.00 min

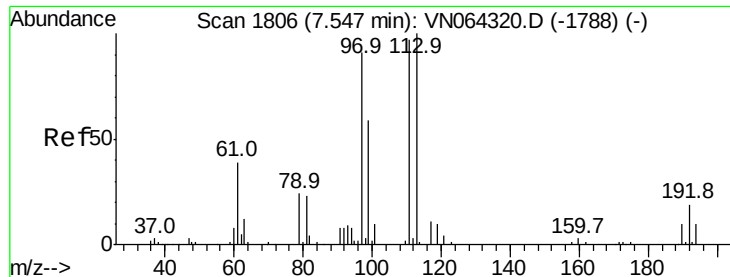
Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Tgt Ion: 114 Resp: 387770

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.6
88	16.2	0.0	33.4

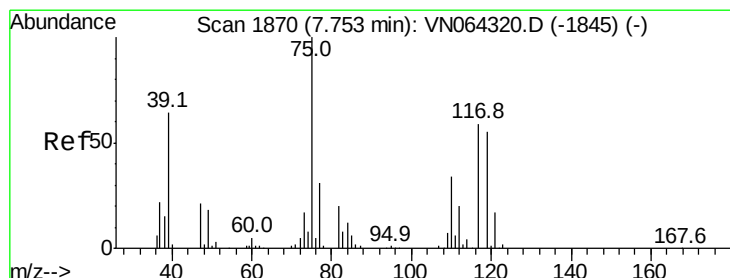
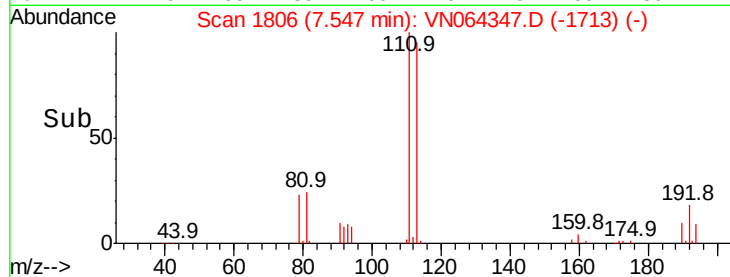
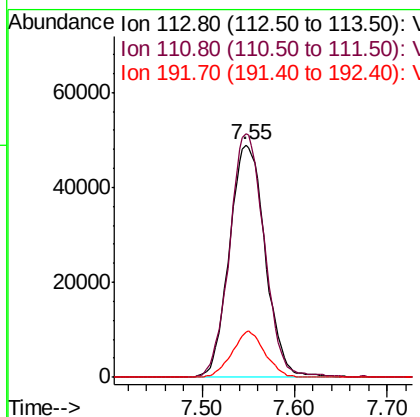
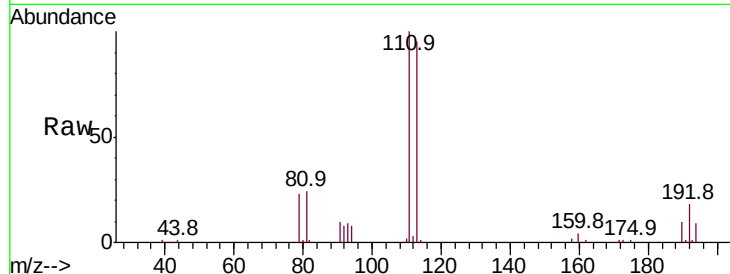




#35
 Dibromofluoromethane
 Concen: 50.658 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

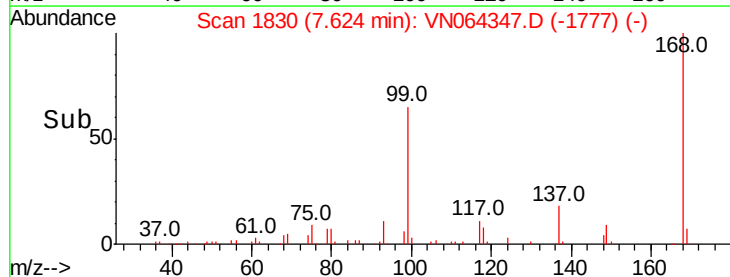
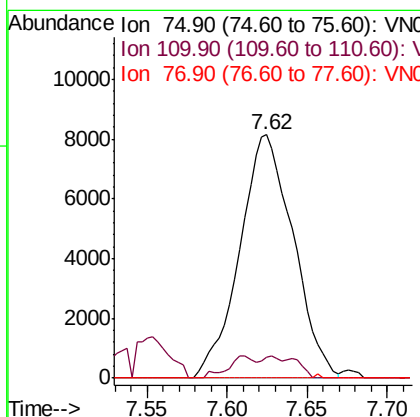
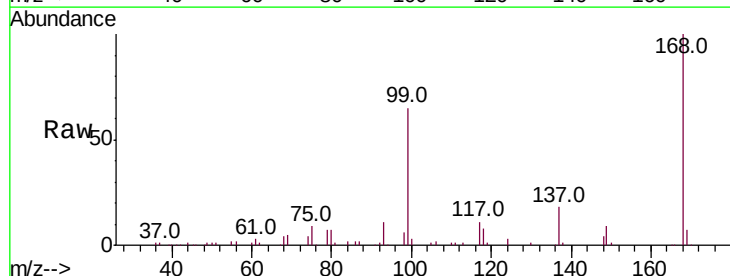
Instrument :
 MSVOA_N
 ClientSampleId :
 1814

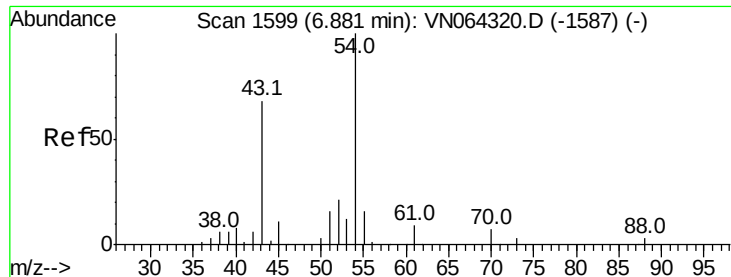
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	18.2	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 4.786 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.7	16.8	50.3#
77	0.0	24.2	36.4#





#37

Ethyl Acetate

Concen: 6.375 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

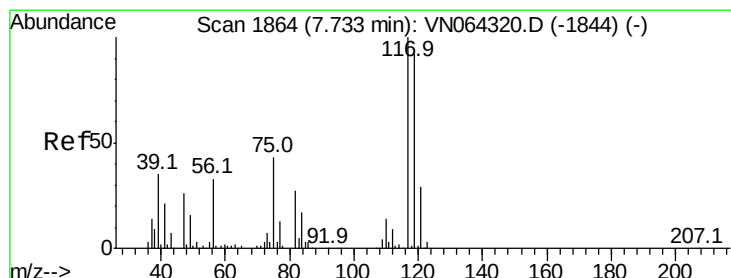
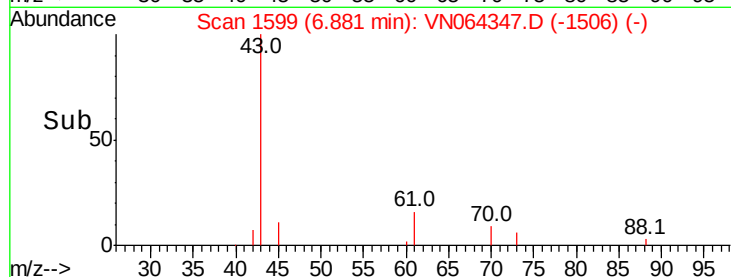
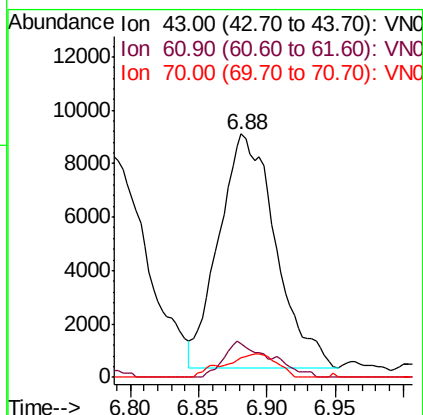
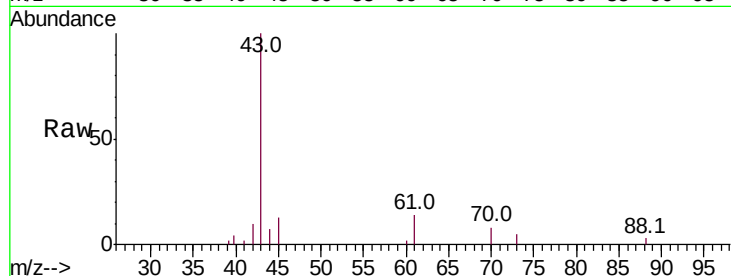
Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :
MSVOA_N
ClientSampleId :
1814

Tot Ion: 43 Resp: 25199

Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.0	15.0
70	7.4	7.1	10.7



#38

Carbon Tetrachloride

Concen: 5.414 ug/l

RT: 7.62 min Scan# 1829

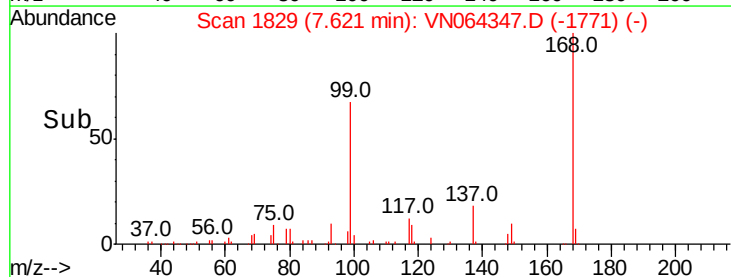
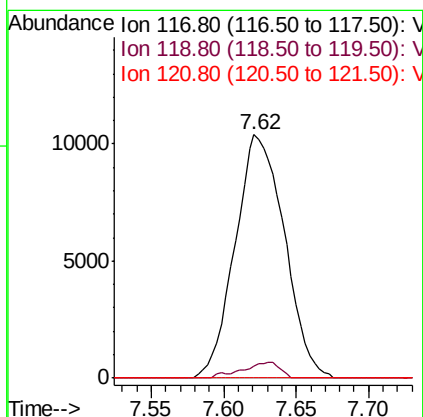
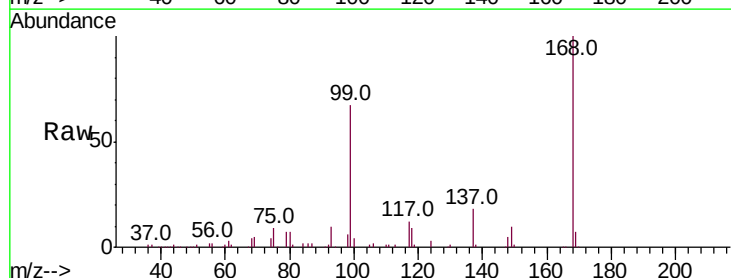
Delta R.T. -0.11 min

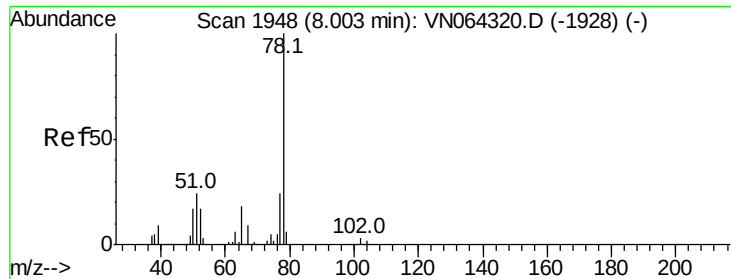
Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Tgt Ion: 117 Resp: 24563

Ion	Ratio	Lower	Upper
117	100		
119	4.9	73.7	110.5#
121	0.0	22.8	34.2#





#40

Benzene

Concen: 0.377 ug/l

RT: 8.01 min Scan# 1950

Delta R.T. 0.01 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

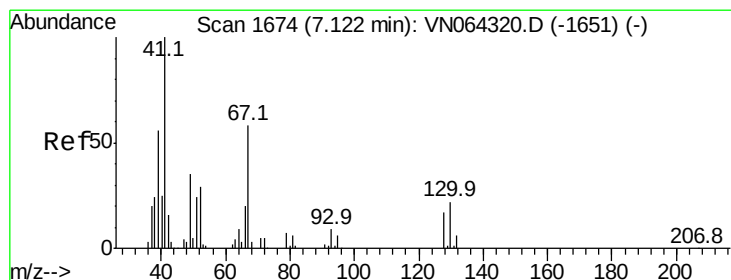
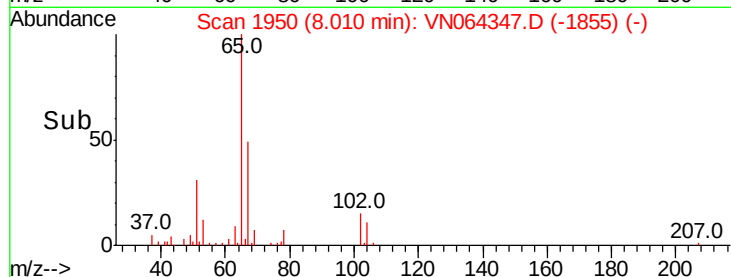
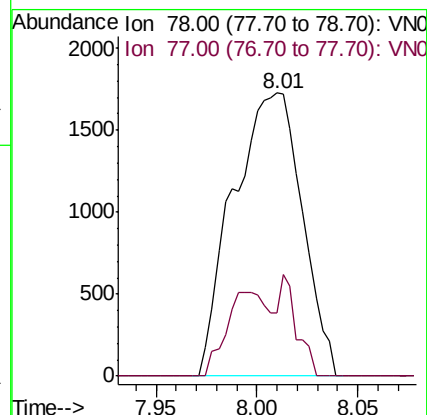
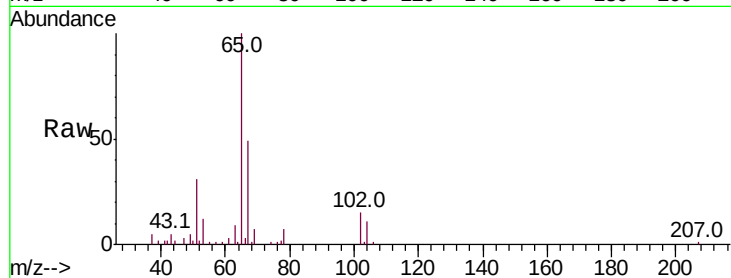
1814

Tot Ion: 78 Resp: 4104

Ion Ratio Lower Upper

78 100

77 22.5 18.8 28.2



#41

Methacrylonitrile

Concen: 5.872 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. 0.02 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Tgt Ion: 41 Resp: 11523

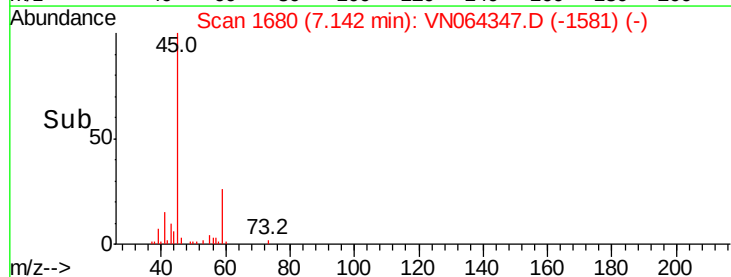
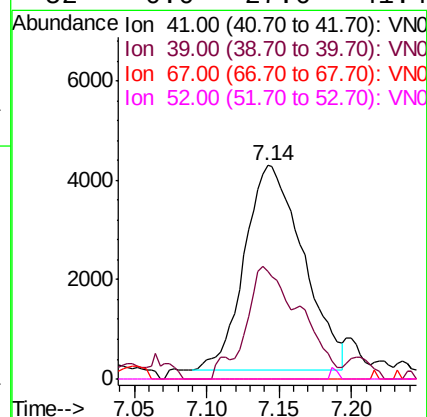
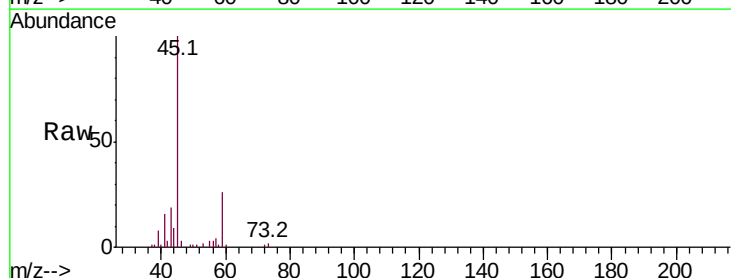
Ion Ratio Lower Upper

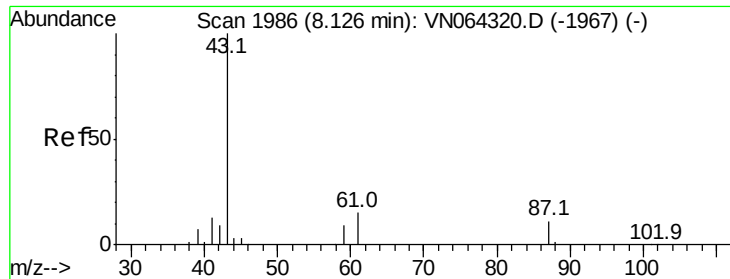
41 100

39 52.0 48.6 72.8

67 0.0 61.4 92.2#

52 0.0 27.6 41.4#





#43

Isopropyl Acetate

Concen: 0.420 ug/l

RT: 8.21 min Scan# 2011

Delta R.T. 0.08 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

1814

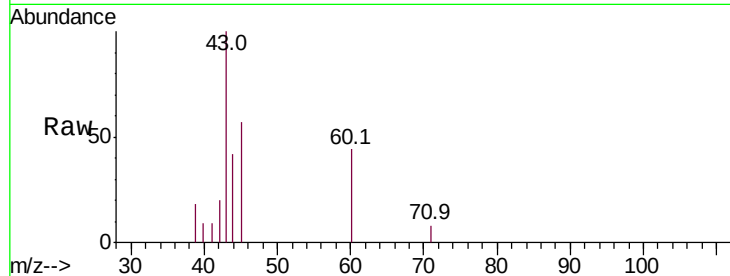
Tot Ion: 43 Resp: 2837

Ion Ratio Lower Upper

43 100

61 0.0 19.1 28.7#

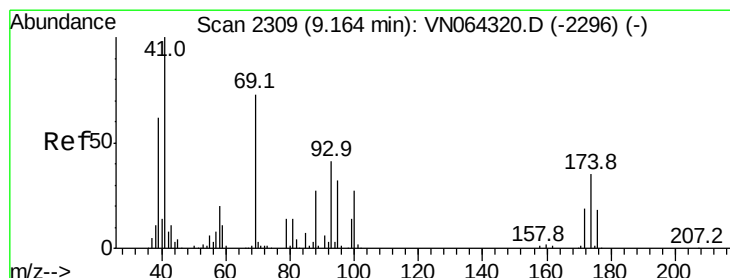
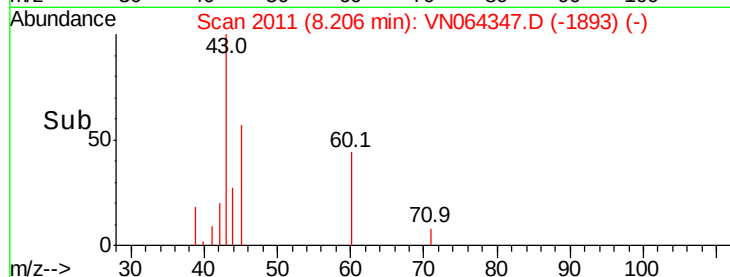
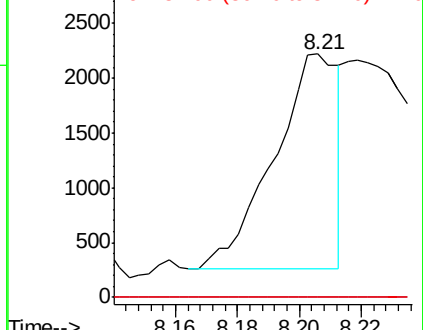
87 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 6.123 ug/l

RT: 9.14 min Scan# 2301

Delta R.T. -0.03 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

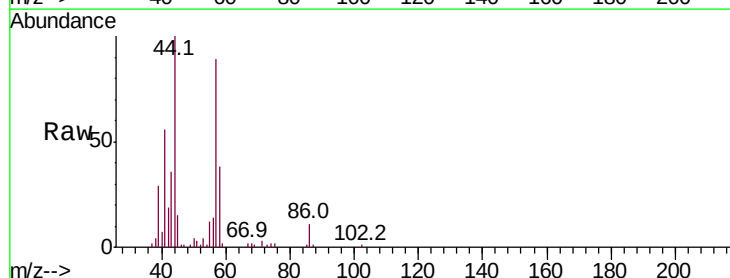
Tgt Ion: 41 Resp: 21347

Ion Ratio Lower Upper

41 100

69 0.4 59.1 88.7#

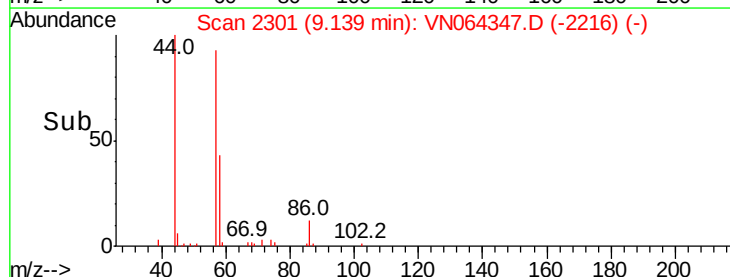
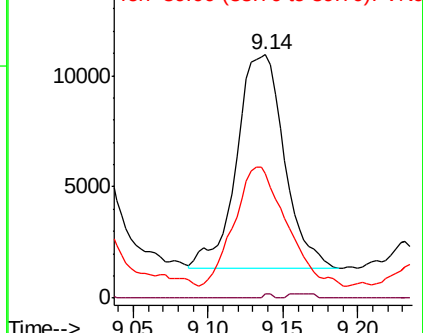
39 60.5 51.3 76.9

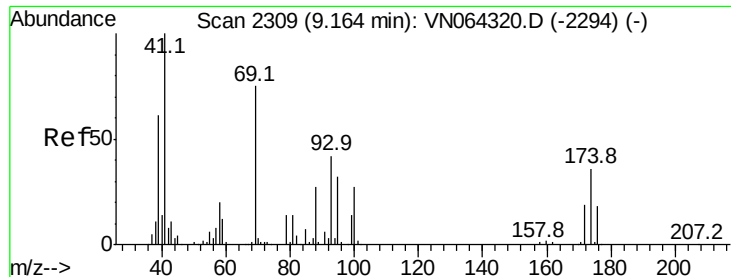


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1.498 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

1814

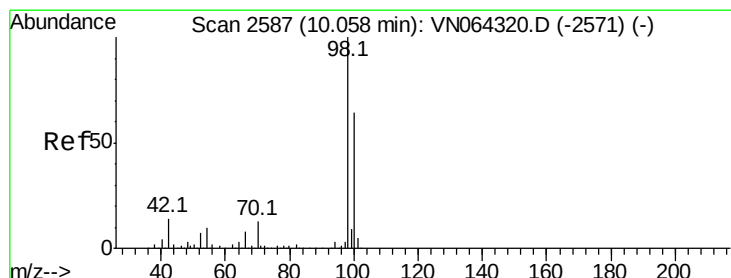
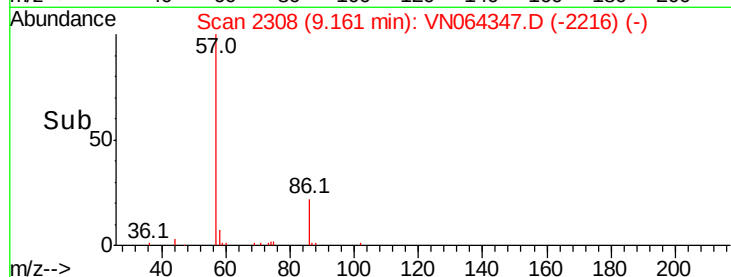
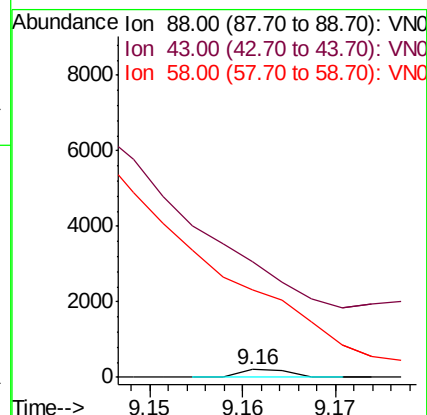
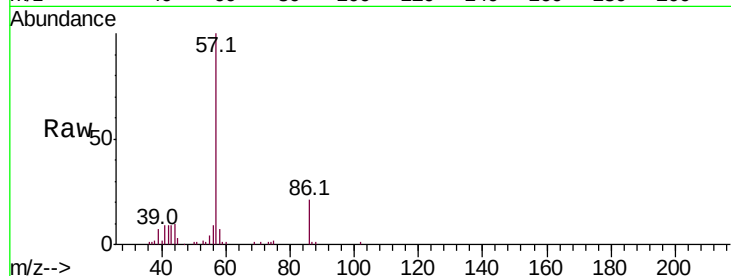
Tot Ion: 88 Resp: 77

Ion Ratio Lower Upper

88 100

43 0.0 31.8 47.8#

58 0.0 60.3 90.5#



#50

Toluene-d8

Concen: 53.391 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064347.D

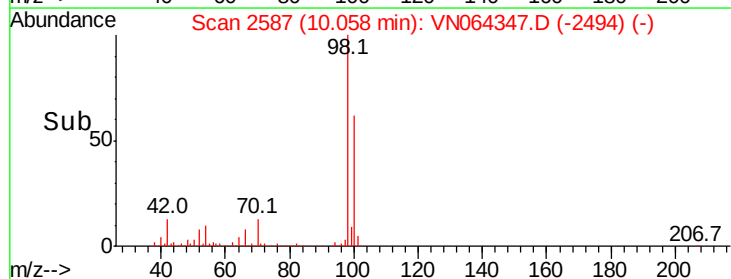
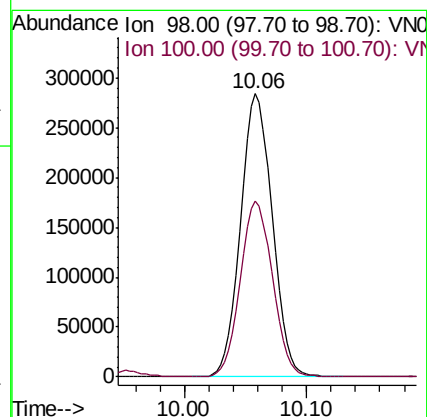
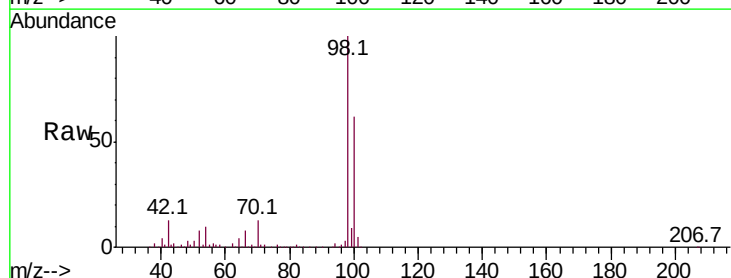
Acq: 28 Oct 2020 13:11

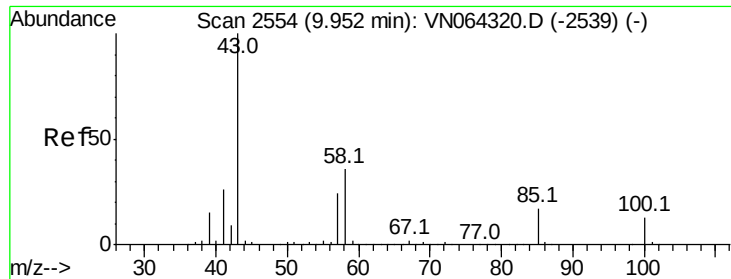
Tgt Ion: 98 Resp: 510694

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 24.039 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

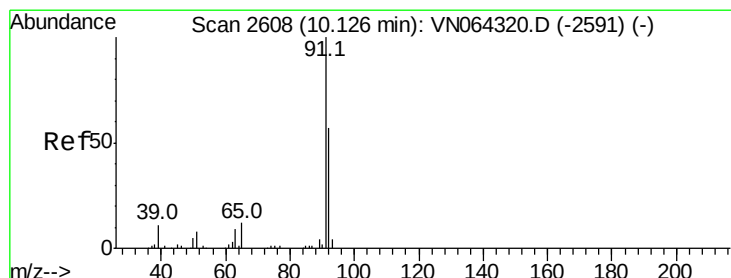
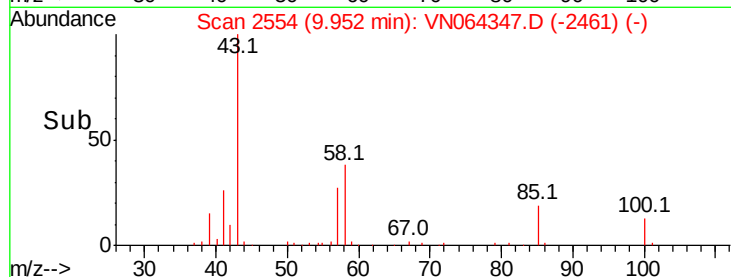
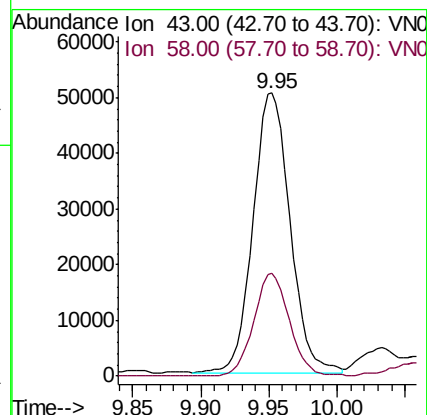
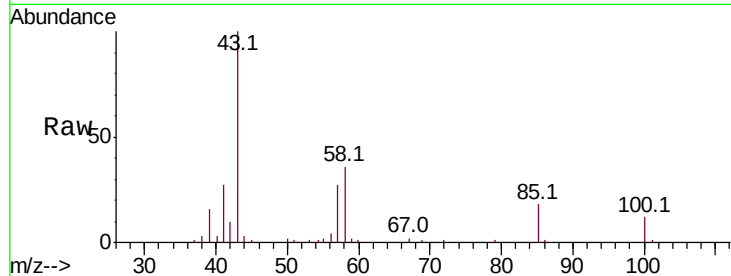
1814

Tot Ion: 43 Resp: 94423

Ion Ratio Lower Upper

43 100

58 35.6 28.6 42.8



#52

Toluene

Concen: 2.645 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064347.D

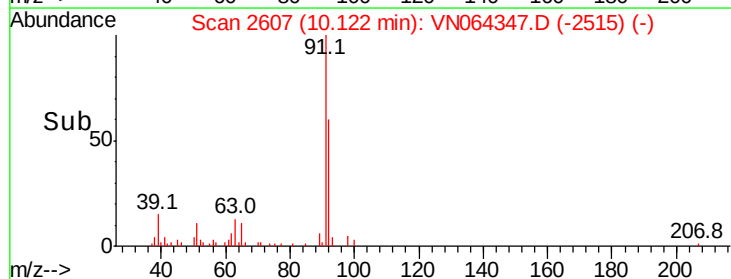
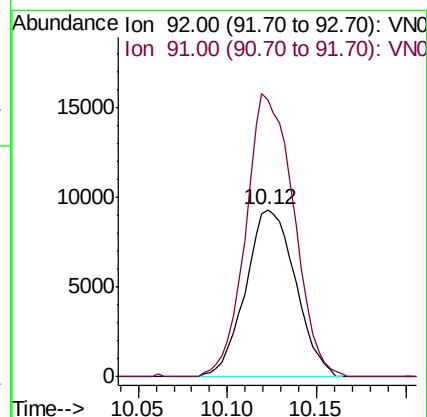
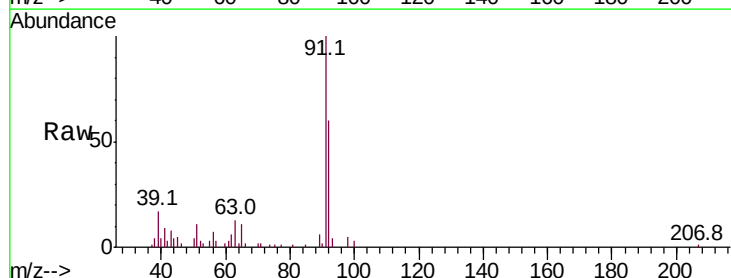
Acq: 28 Oct 2020 13:11

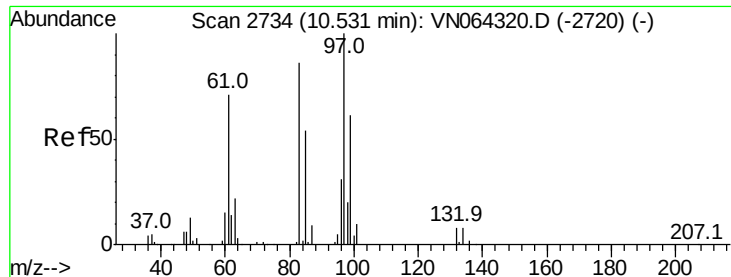
Tgt Ion: 92 Resp: 18182

Ion Ratio Lower Upper

92 100

91 162.5 139.9 209.9

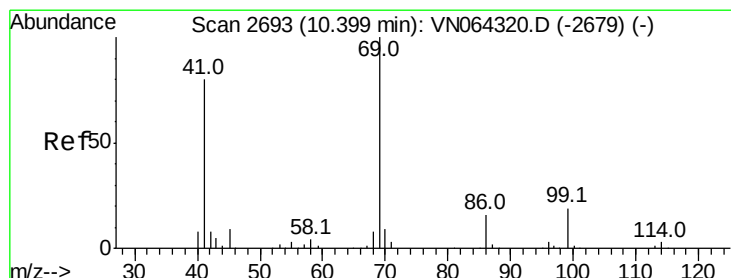
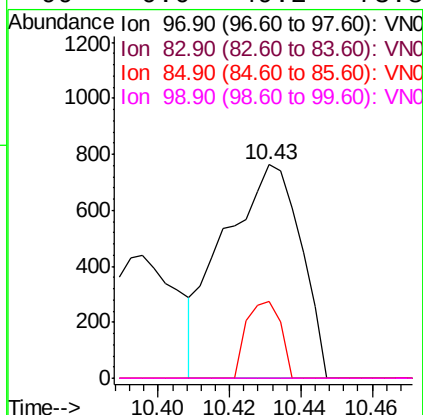
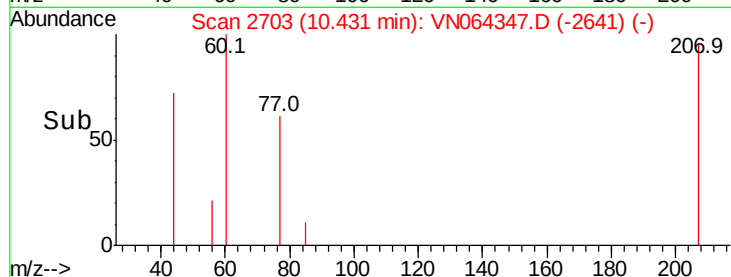
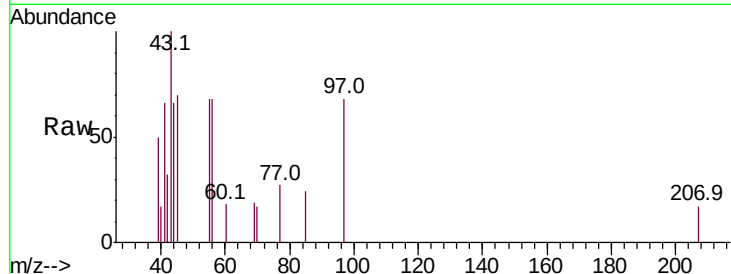




#55
1,1,2-Trichloroethane
Concen: 0.419 ug/l
RT: 10.43 min Scan# 2703
Delta R.T. -0.10 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

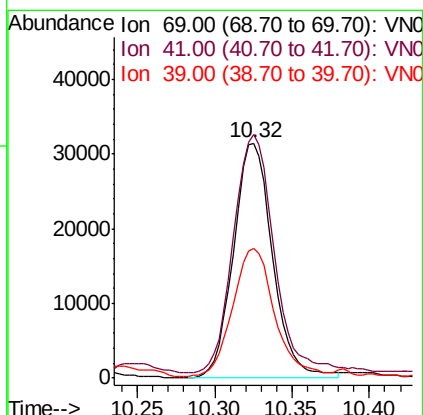
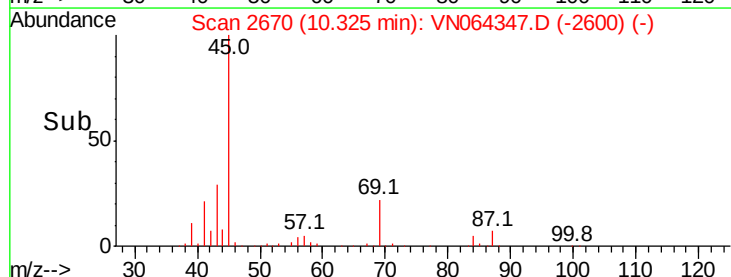
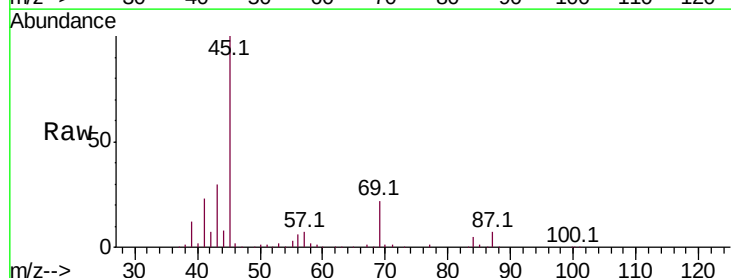
Instrument :
MSVOA_N
ClientSampled :
1814

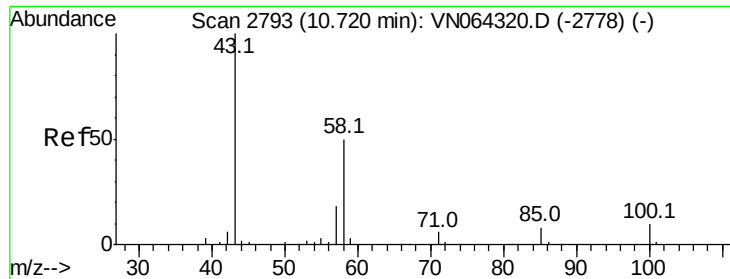
Tot Ion: 97 Resp: 1138
Ion Ratio Lower Upper
97 100
83 0.0 68.9 103.3#
85 36.2 43.6 65.4#
99 0.0 49.2 73.8#



#56
Ethyl methacrylate
Concen: 13.492 ug/l
RT: 10.32 min Scan# 2670
Delta R.T. -0.07 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

Tgt Ion: 69 Resp: 55419
Ion Ratio Lower Upper
69 100
41 105.7 61.4 92.2#
39 57.8 36.5 54.7#





#59

2-Hexanone

Concen: 46.774 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

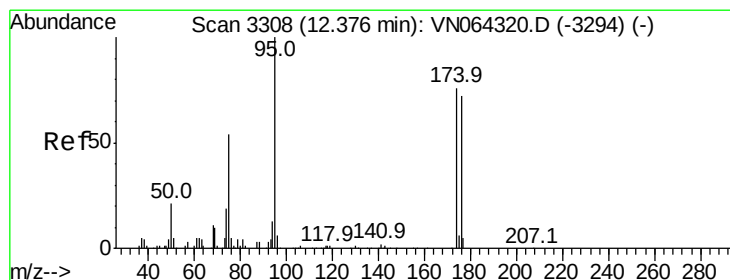
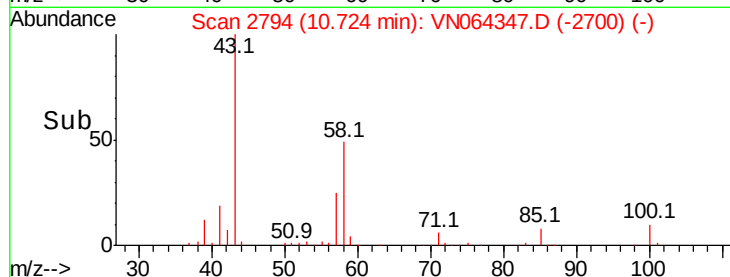
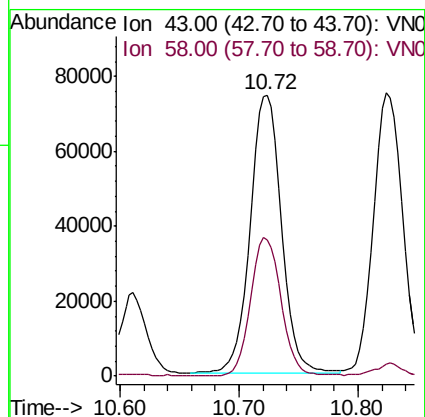
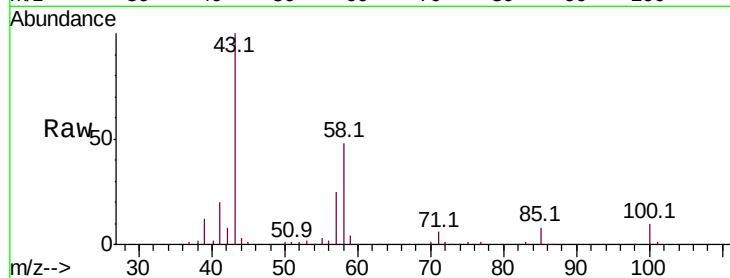
ClientSampled :
1814

Tot Ion: 43 Resp: 135313

Ion Ratio Lower Upper

43 100

58 49.0 25.0 75.0



#62

4-Bromofluorobenzene

Concen: 59.933 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

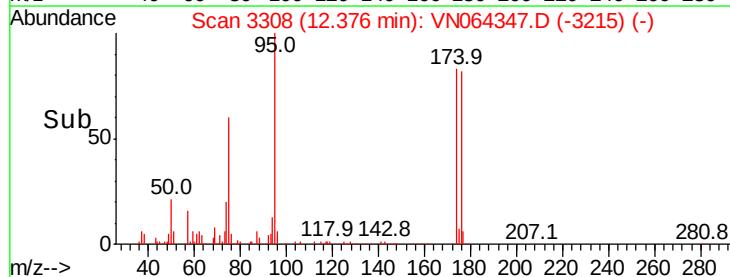
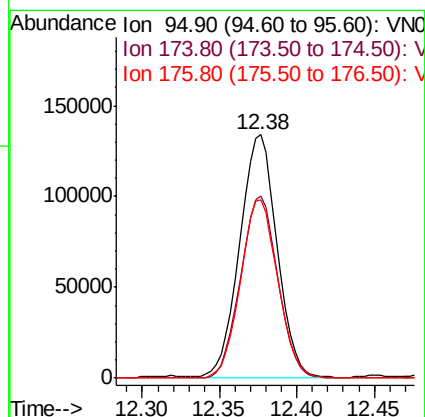
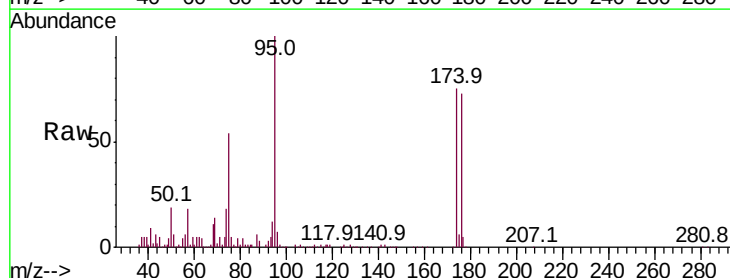
Tgt Ion: 95 Resp: 223512

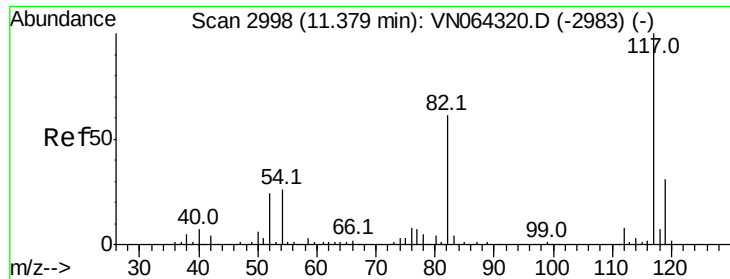
Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.4

176 73.7 0.0 143.6

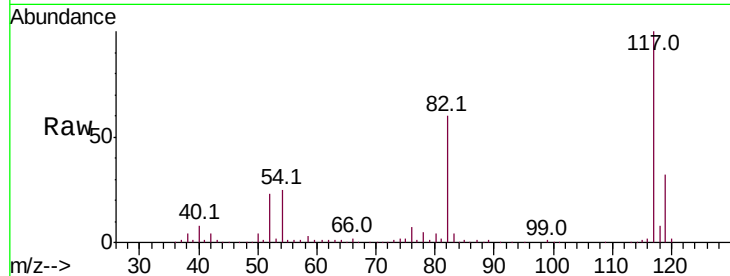




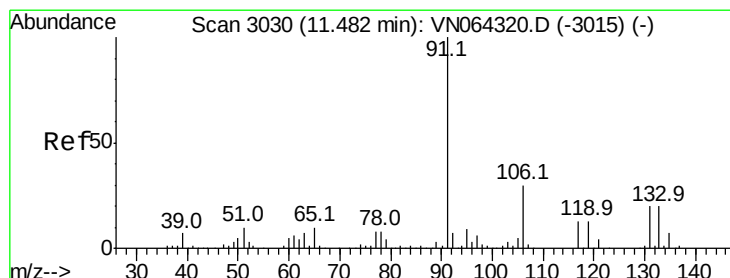
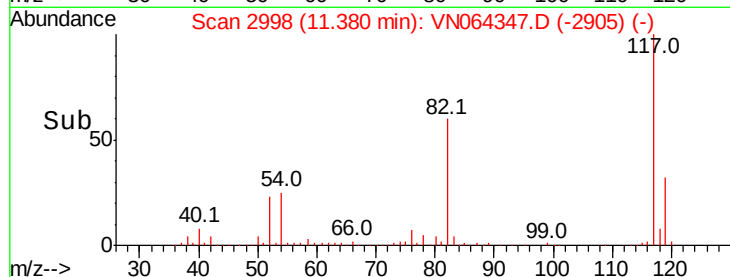
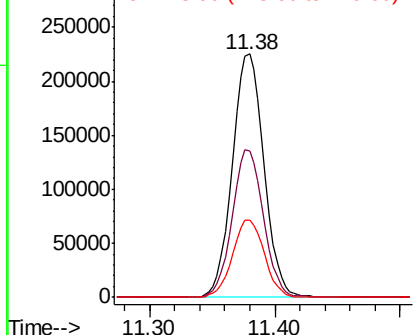
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

Instrument :
MSVOA_N
ClientSampled :
1814

Tot Ion:117 Resp: 393821
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 31.8 25.1 37.7

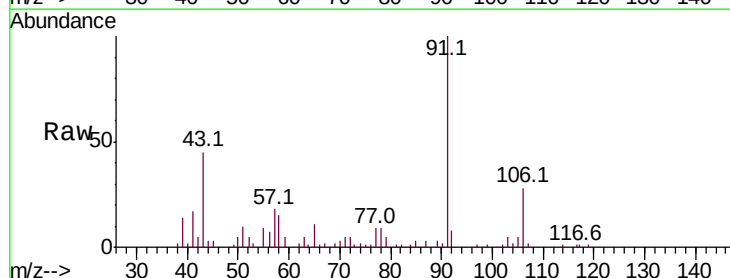


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

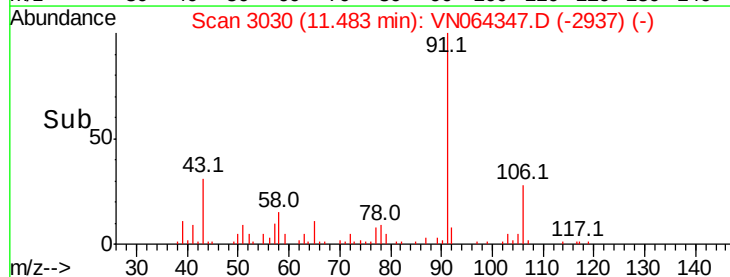
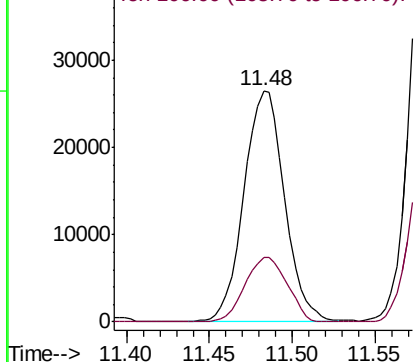


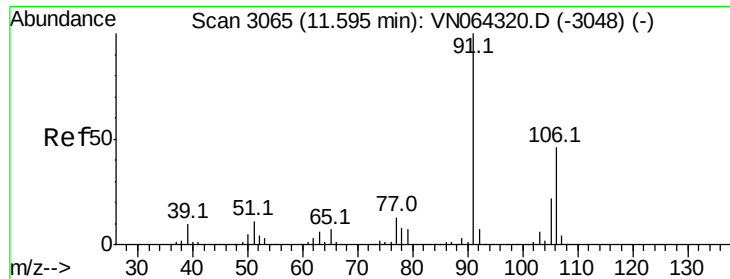
#67
Ethyl Benzene
Concen: 3.046 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

Tgt Ion: 91 Resp: 45209
Ion Ratio Lower Upper
91 100
106 27.6 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

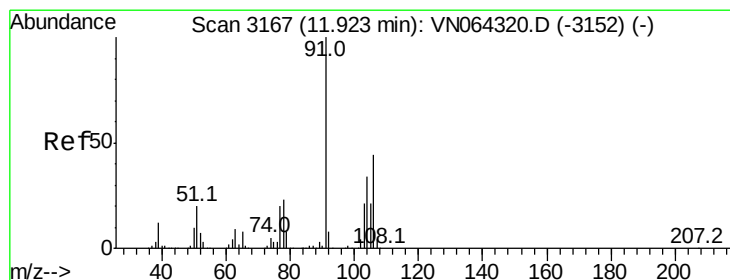
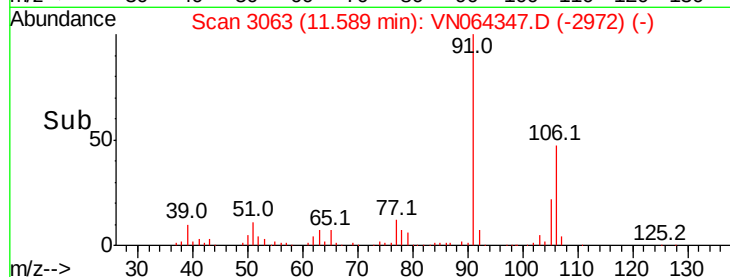
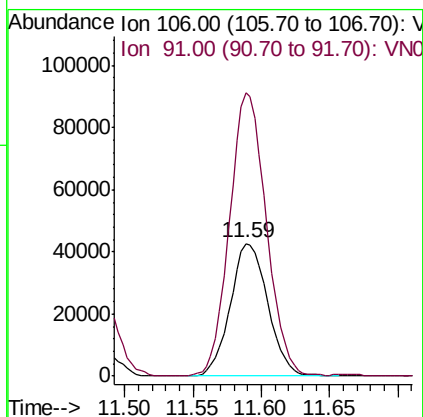
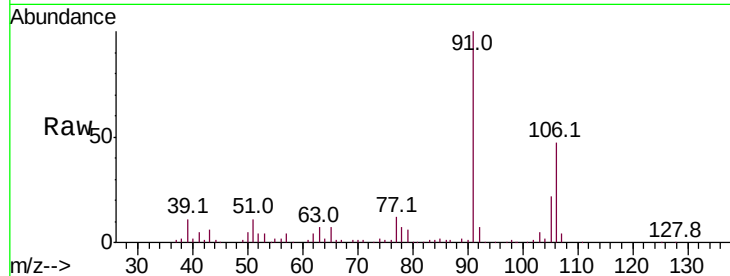




#68
m/p-Xylenes
Concen: 14.808 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

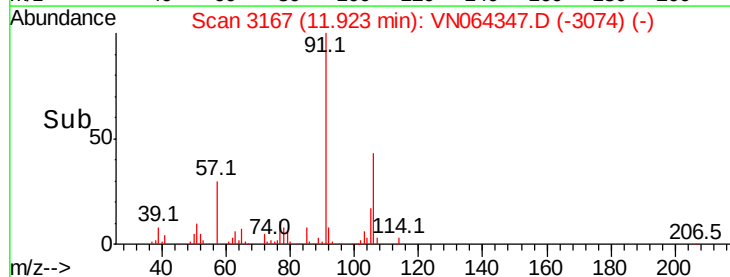
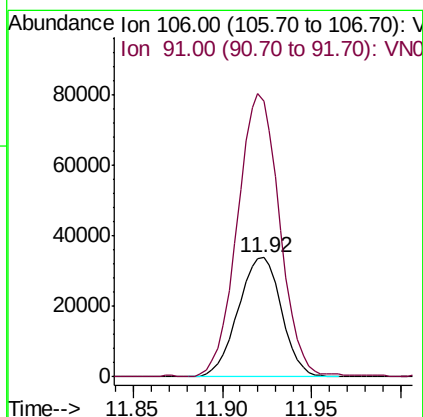
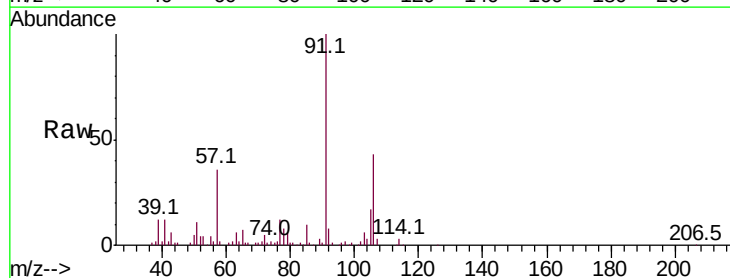
Instrument :
MSVOA_N
ClientSampled :
1814

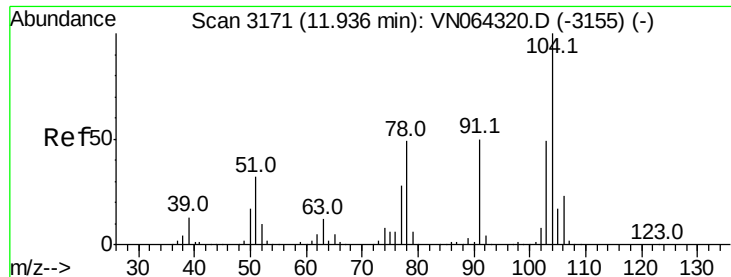
Tot Ion:106 Resp: 81456
Ion Ratio Lower Upper
106 100
91 209.7 170.2 255.4



#69
o-Xylene
Concen: 10.875 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

Tgt Ion:106 Resp: 57632
Ion Ratio Lower Upper
106 100
91 230.2 114.5 343.5





#70

Stvrene

Concen: 0.482 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. -0.02 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :
1814

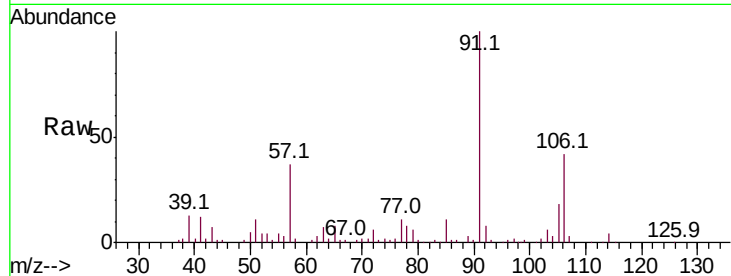
Tot Ion:104 Resp: 4191

Ion Ratio Lower Upper

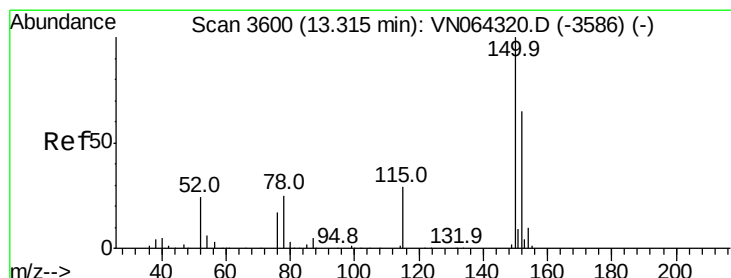
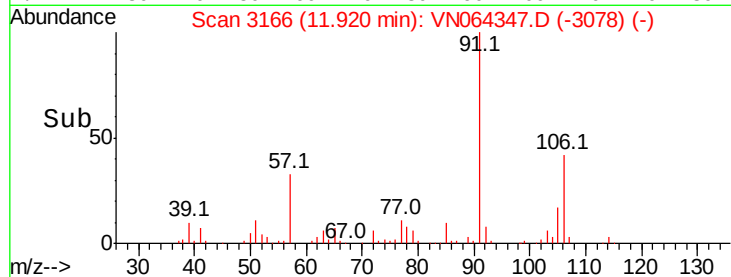
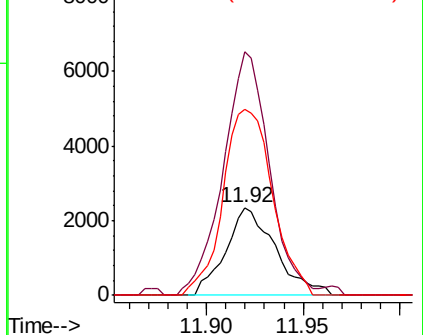
104 100

78 258.1 43.7 65.5#

103 212.4 43.3 64.9#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

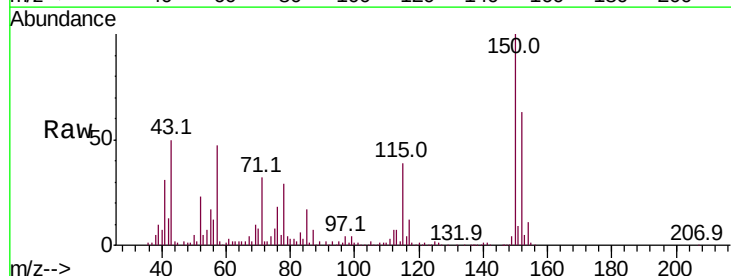
Tgt Ion:152 Resp: 186767

Ion Ratio Lower Upper

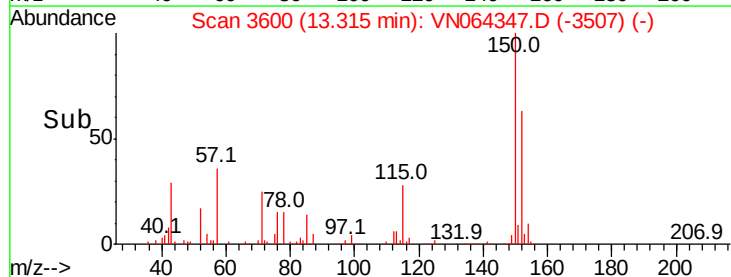
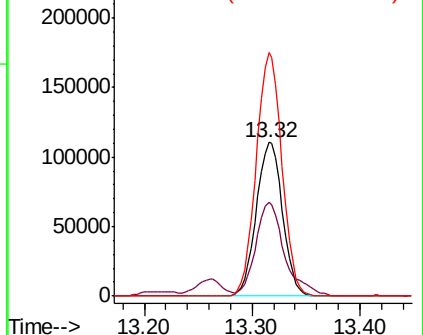
152 100

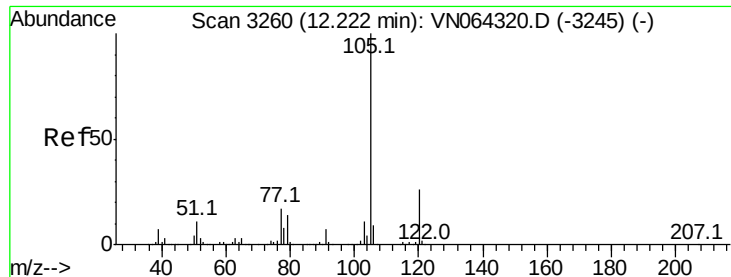
115 66.3 31.5 94.5

150 154.1 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.082 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

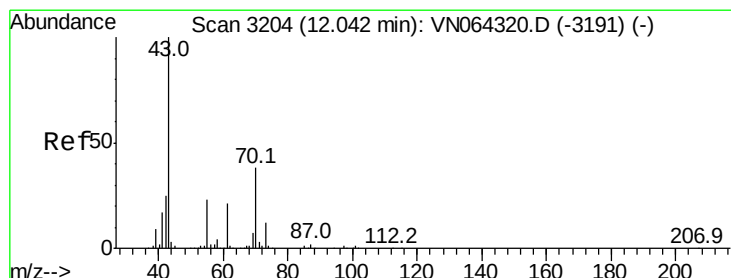
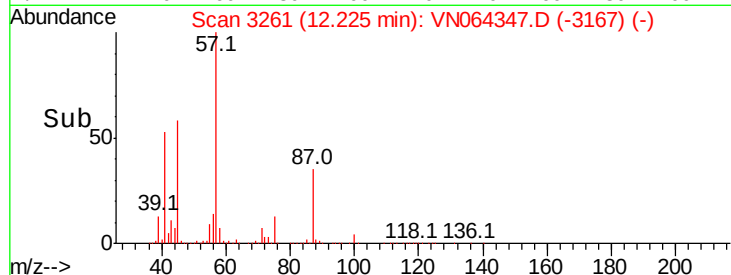
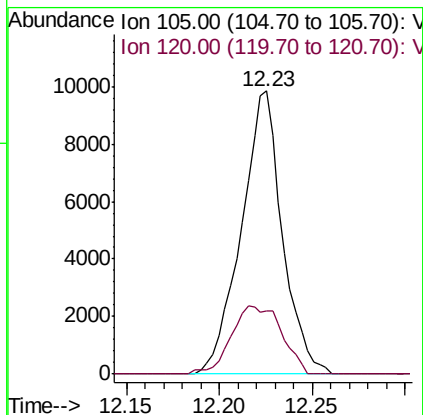
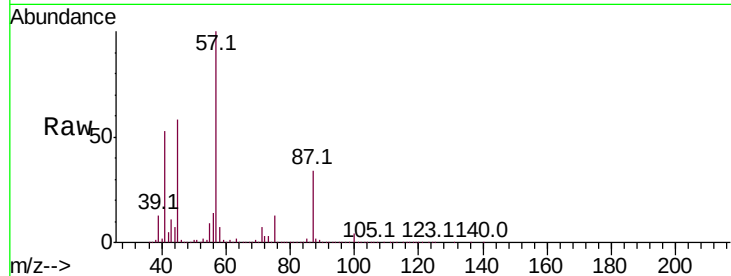
ClientSampled :
1814

Tot Ion:105 Resp: 15139

Ion Ratio Lower Upper

105 100

120 29.7 13.2 39.5



#74

N-ethyl acetate

Concen: 20.984 ug/l

RT: 12.00 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Tgt Ion: 43 Resp: 129202

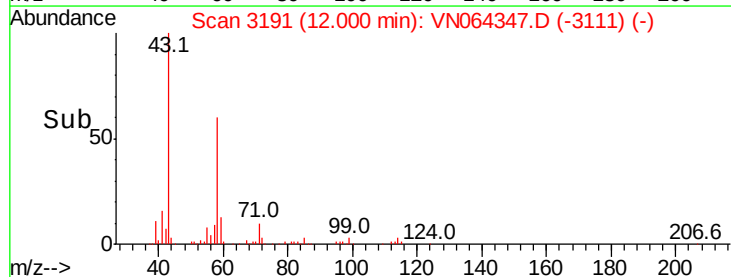
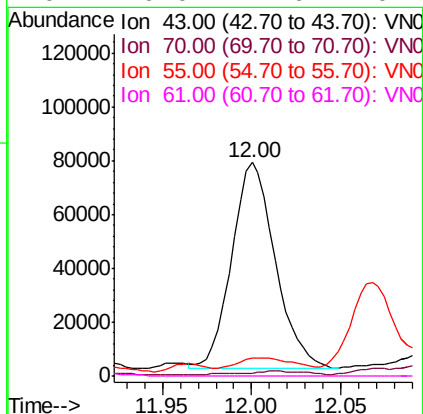
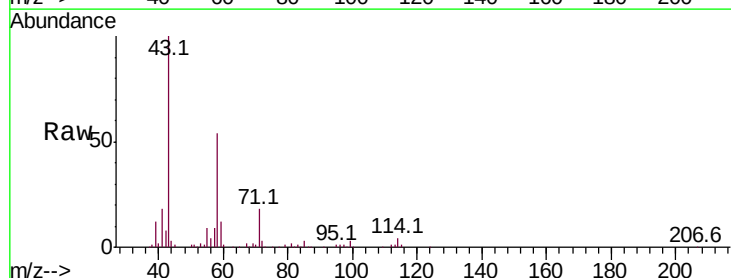
Ion Ratio Lower Upper

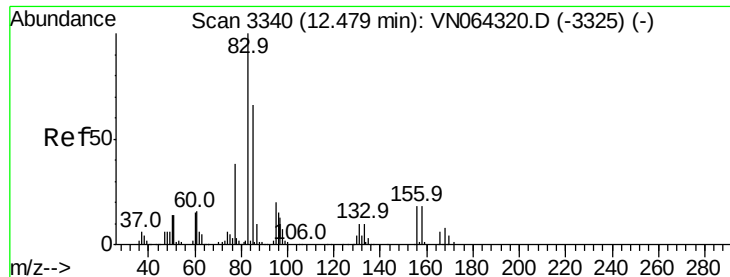
43 100

70 1.5 30.6 45.8#

55 0.0 18.2 27.4#

61 0.0 17.6 26.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.632 ug/l

RT: 12.42 min Scan# 3322

Delta R.T. -0.06 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampled :
1814

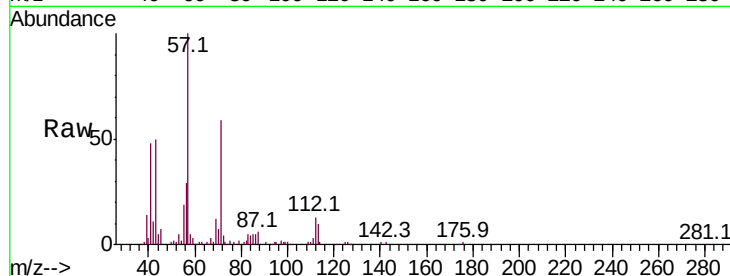
Tot Ion: 83 Resp: 2569

Ion Ratio Lower Upper

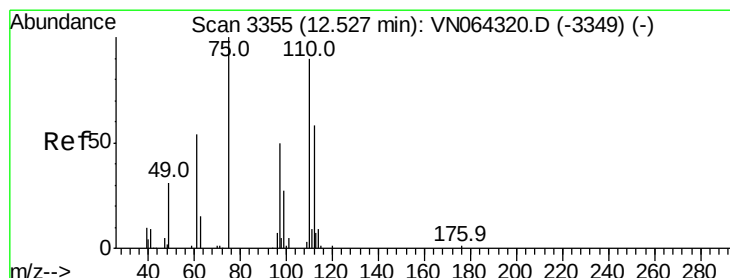
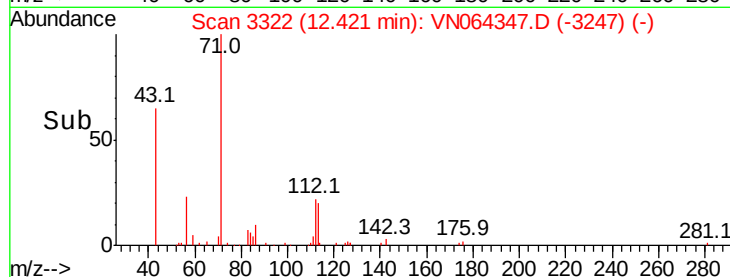
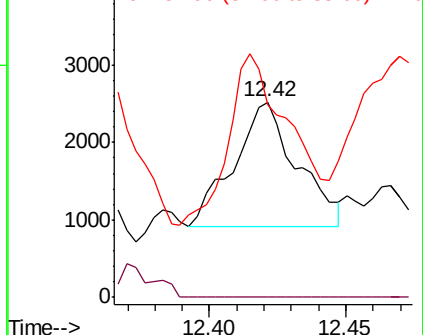
83 100

131 0.0 5.4 16.2#

85 0.0 33.0 98.9#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.344 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064347.D

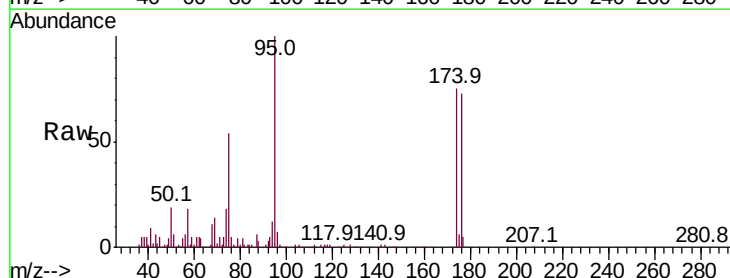
Acq: 28 Oct 2020 13:11

Tgt Ion: 75 Resp: 117826

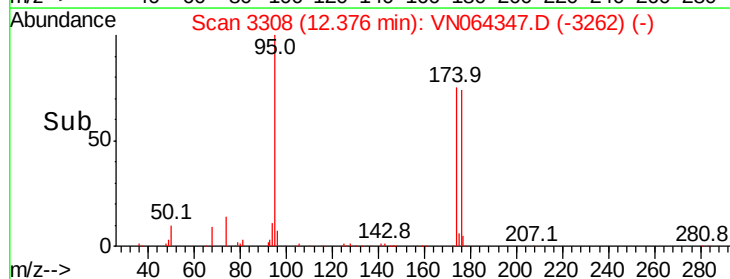
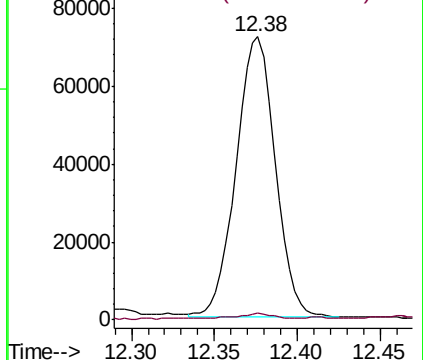
Ion Ratio Lower Upper

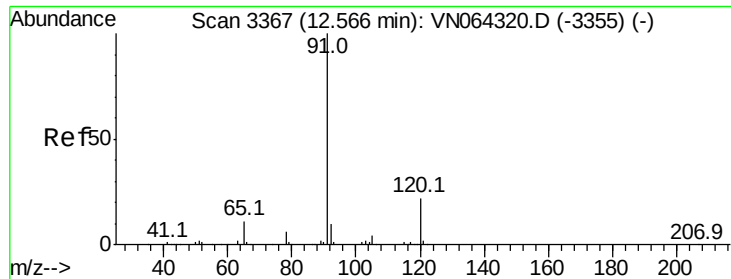
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0

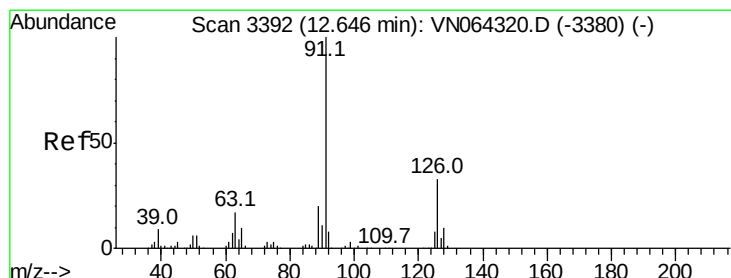
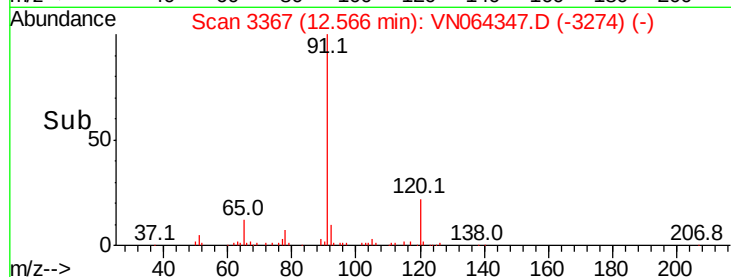
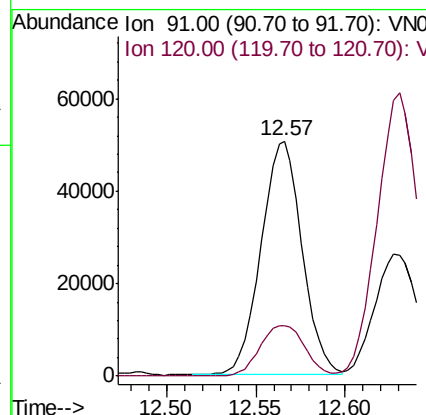
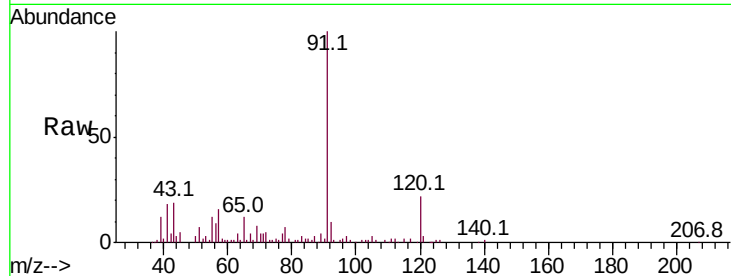




#78
n-propylbenzene
Concen: 5.120 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

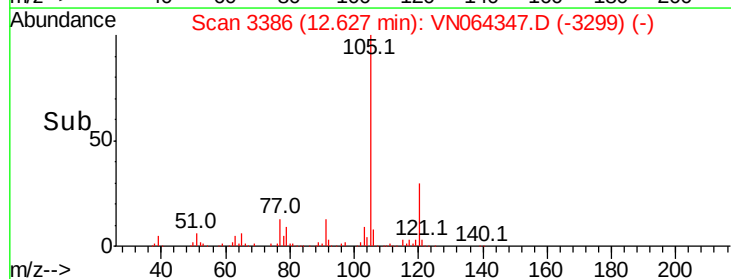
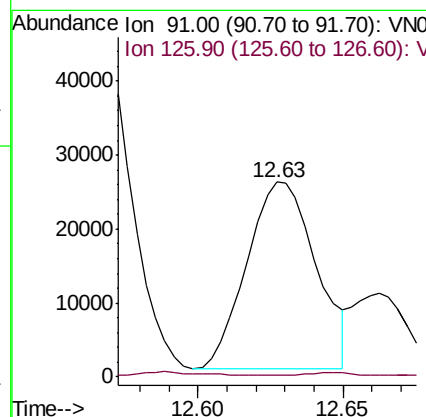
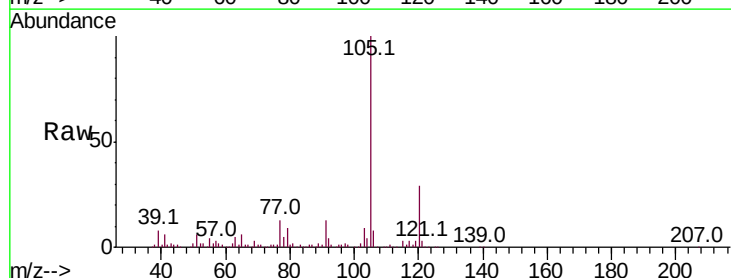
Instrument :
MSVOA_N
ClientSampled :
1814

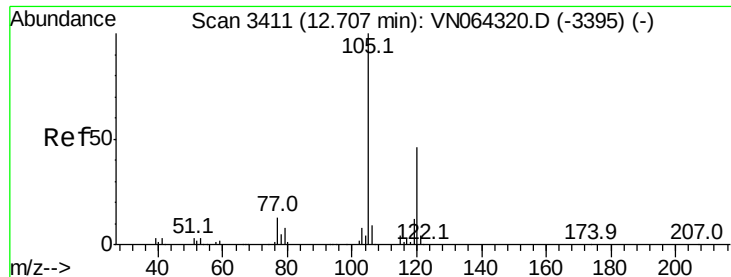
Tot Ion: 91 Resp: 81089
Ion Ratio Lower Upper
91 100
120 23.8 11.2 33.5



#79
2-Chlorotoluene
Concen: 4.167 ug/l
RT: 12.63 min Scan# 3386
Delta R.T. -0.02 min
Lab File: VN064347.D
Acq: 28 Oct 2020 13:11

Tgt Ion: 91 Resp: 42184
Ion Ratio Lower Upper
91 100
126 0.2 16.2 48.5#

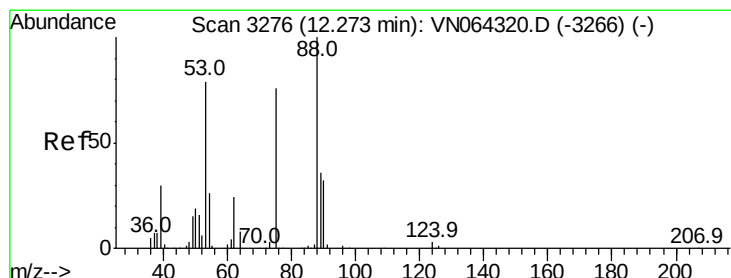
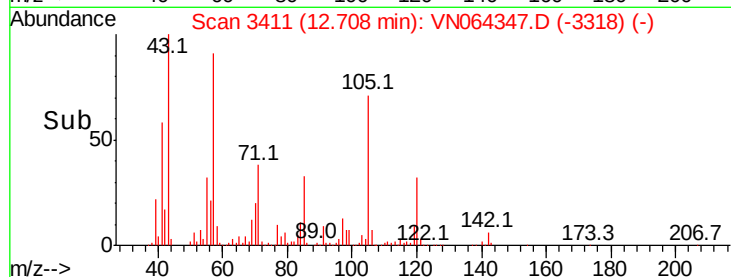
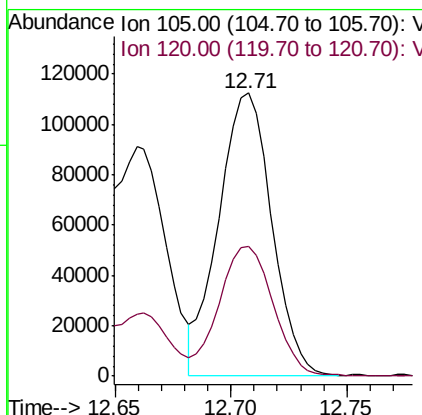
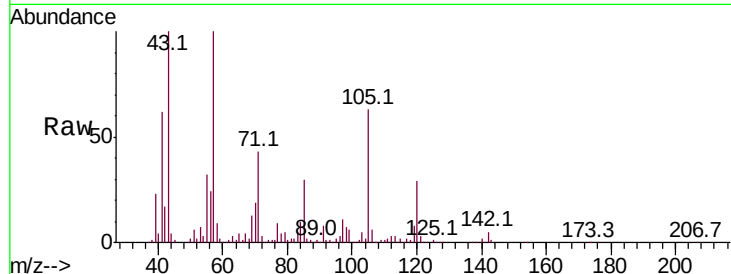




#80
 1,3,5-Trimethylbenzene
 Concen: 15.009 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

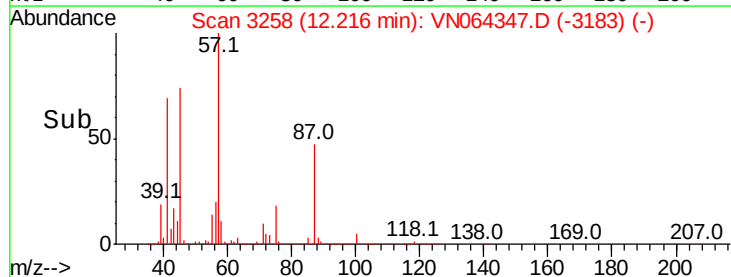
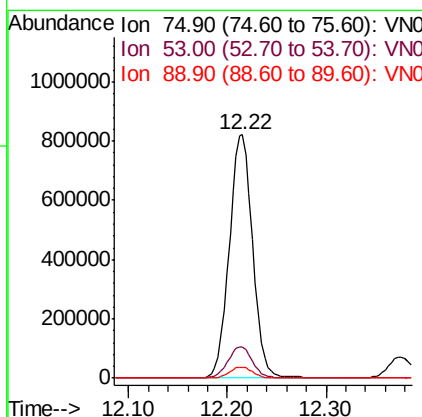
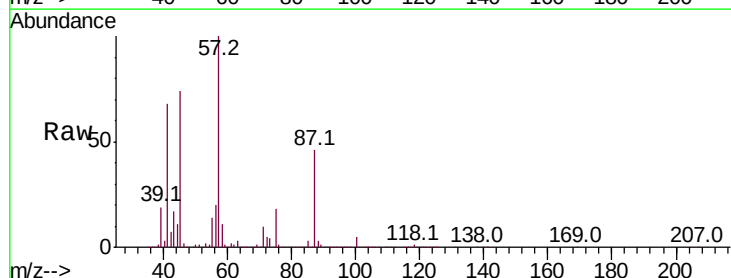
Instrument :
 MSVOA_N
 ClientSampled :
 1814

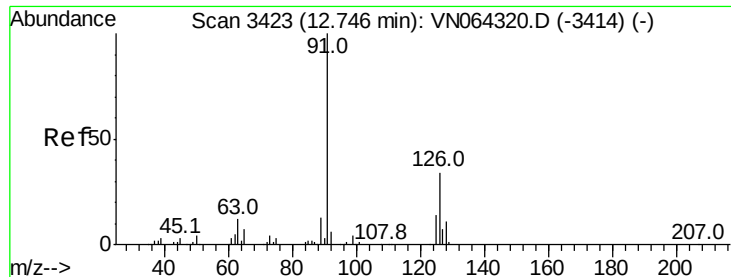
Tot Ion:105 Resp: 177645
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.9 68.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 875.001 ug/l
 RT: 12.22 min Scan# 3258
 Delta R.T. -0.06 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

Tgt Ion: 75 Resp: 1358608
 Ion Ratio Lower Upper
 75 100
 53 13.3 81.8 122.8#
 89 4.5 39.9 59.9#

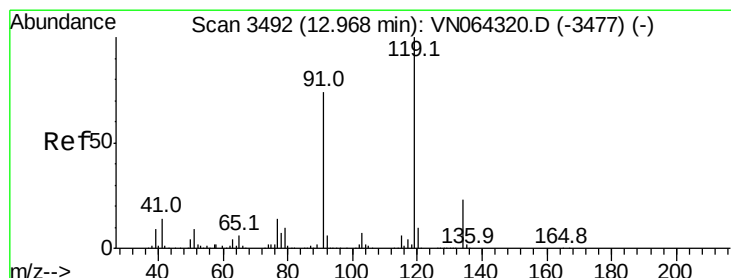
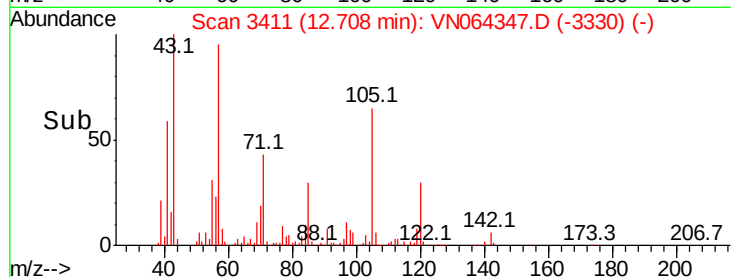
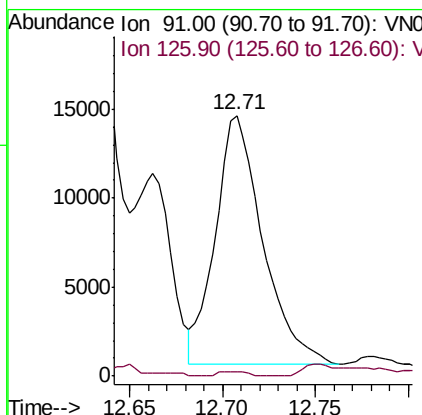
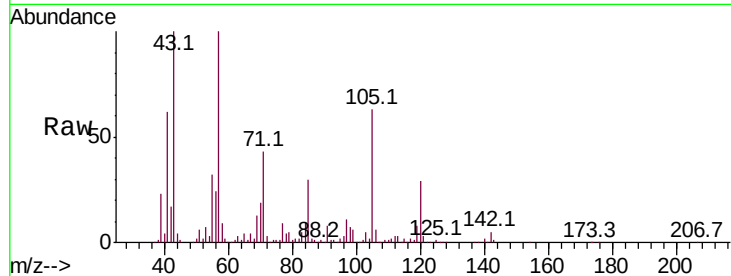




#82
 4-Chlorotoluene
 Concen: 2.409 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.04 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

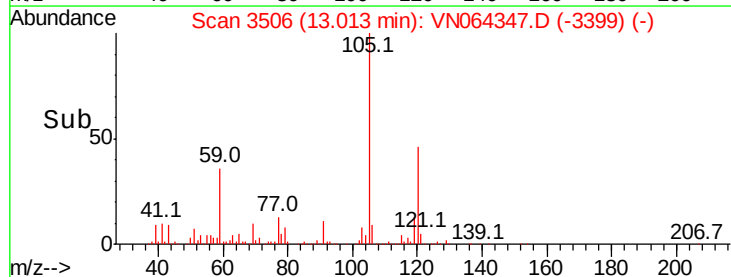
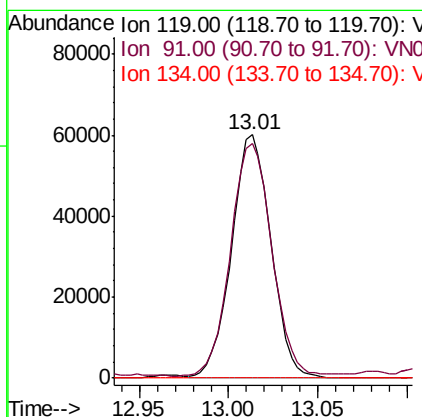
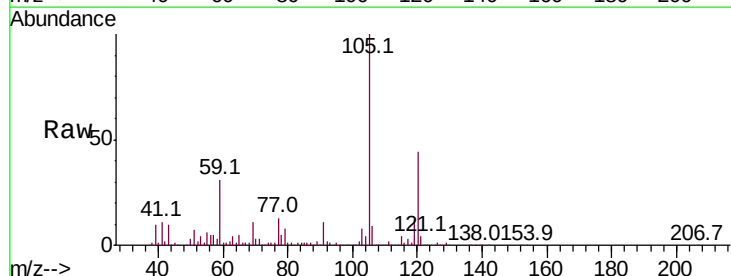
Instrument :
 MSVOA_N
 ClientSampled :
 1814

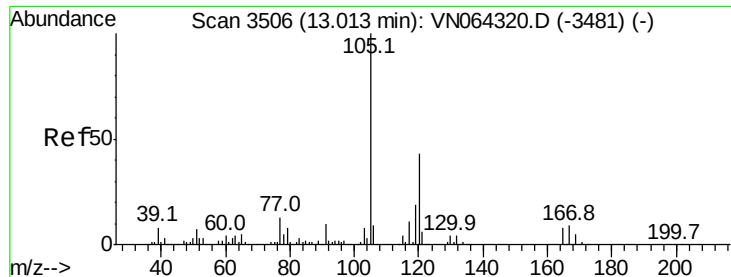
Tot Ion: 91 Resp: 24840
 Ion Ratio Lower Upper
 91 100
 126 1.1 15.8 47.3#



#83
 tert-Butylbenzene
 Concen: 9.569 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.05 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

Tgt Ion: 119 Resp: 92936
 Ion Ratio Lower Upper
 119 100
 91 99.9 36.4 109.1
 134 0.0 12.0 36.1#

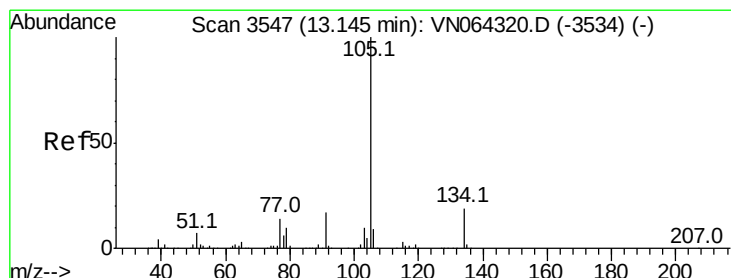
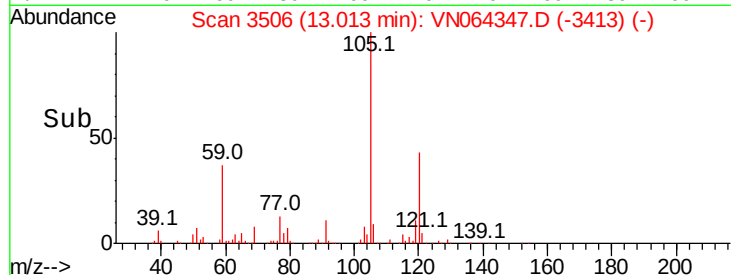
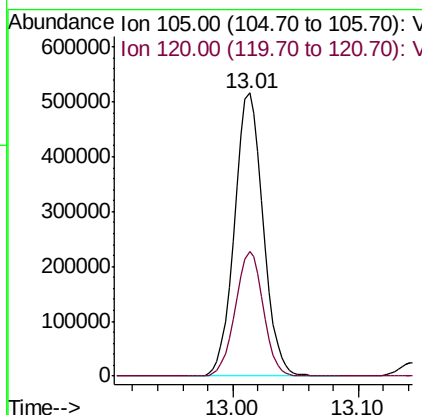
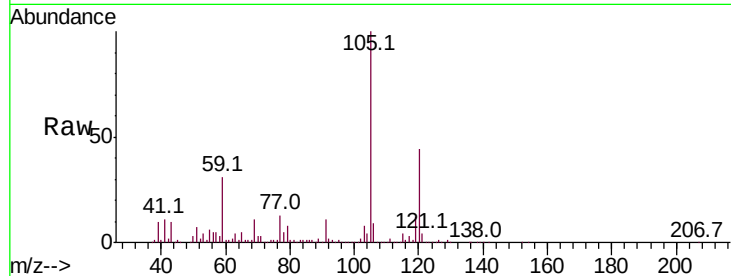




#84
 1,2,4-Trimethylbenzene
 Concen: 69.098 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

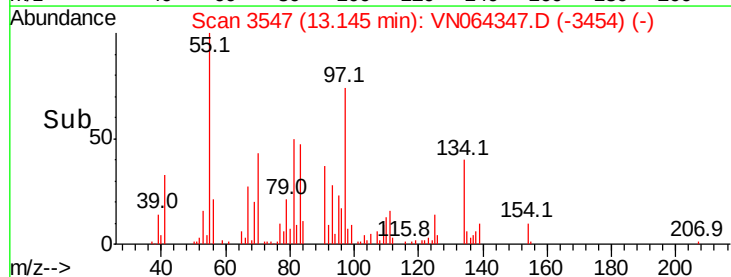
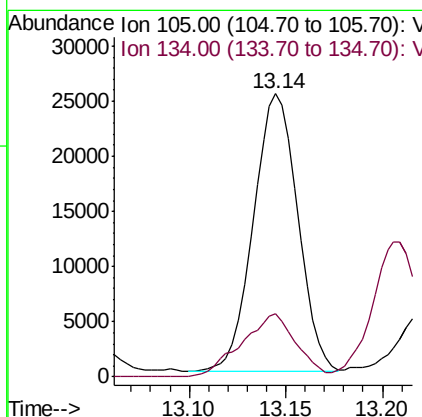
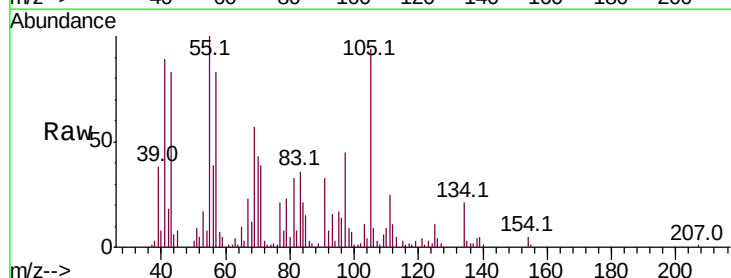
Instrument :
 MSVOA_N
 ClientSampleId :
 1814

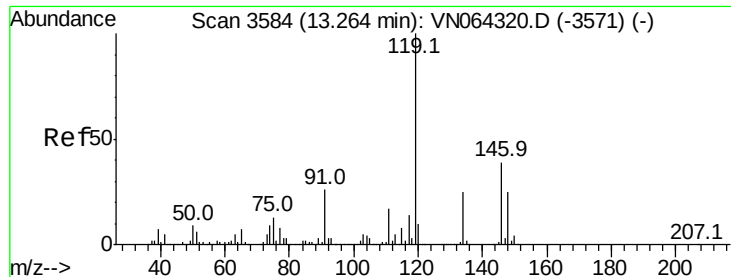
Tot Ion:105 Resp: 817206
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.3 64.0



#85
 sec-Butylbenzene
 Concen: 3.189 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

Tgt Ion:105 Resp: 40085
 Ion Ratio Lower Upper
 105 100
 134 28.1 9.6 28.8

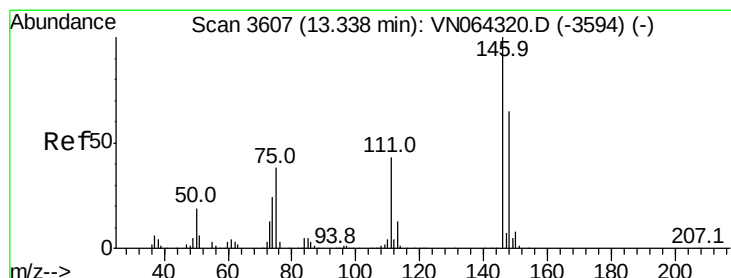
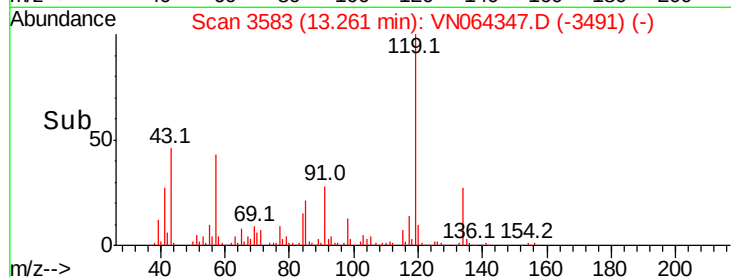
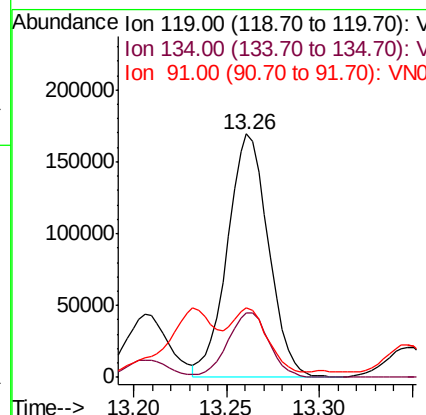
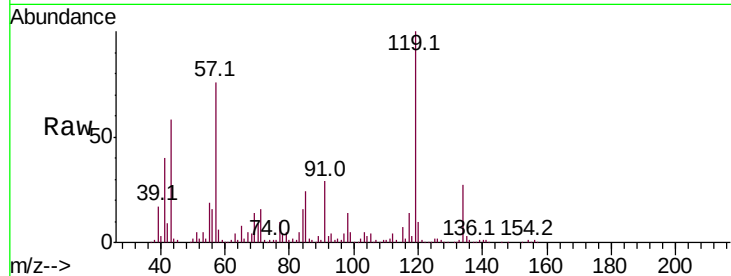




#86
 p-Isopropyltoluene
 Concen: 22.692 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

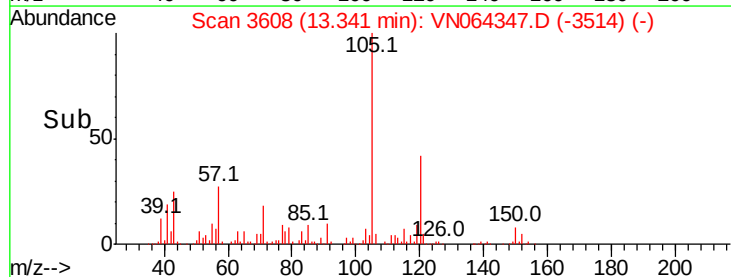
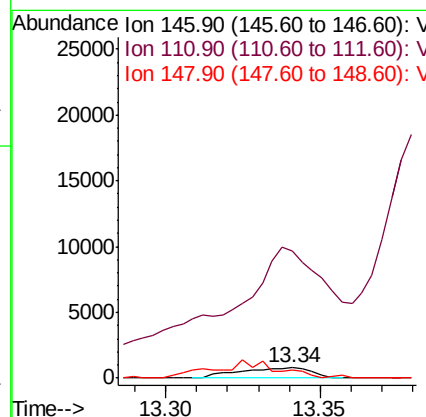
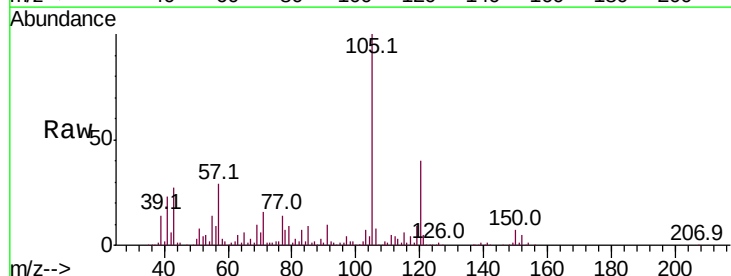
Instrument :
 MSVOA_N
 ClientSampled :
 1814

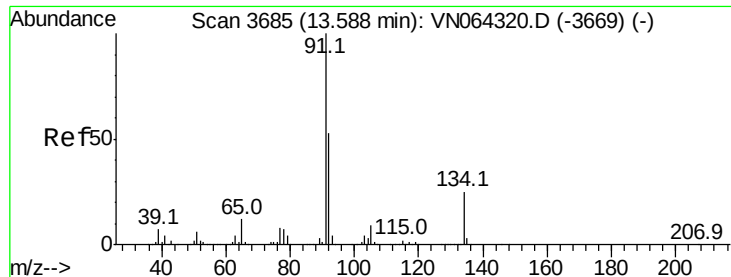
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.8	38.4
91	23.2	13.0	38.9



#88
 1,4-Dichlorobenzene
 Concen: 0.214 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	1125.7	21.8	65.4#
148	96.8	31.8	95.3#





#89

n-Butylbenzene

Concen: 9.956 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampled :

1814

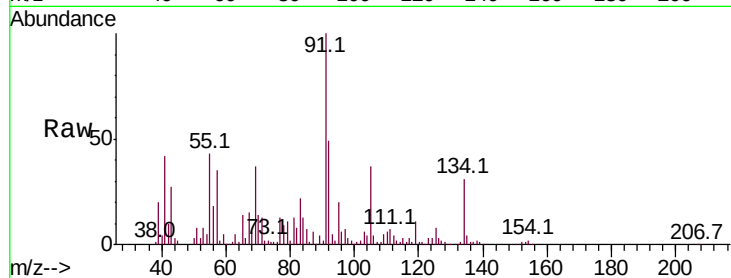
Tot Ion: 91 Resp: 99315

Ion Ratio Lower Upper

91 100

92 65.3 26.2 78.5

134 0.0 12.4 37.4#

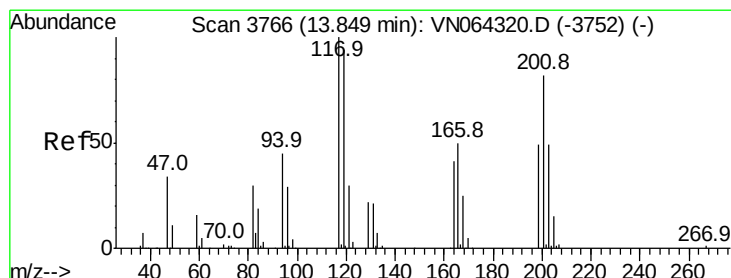
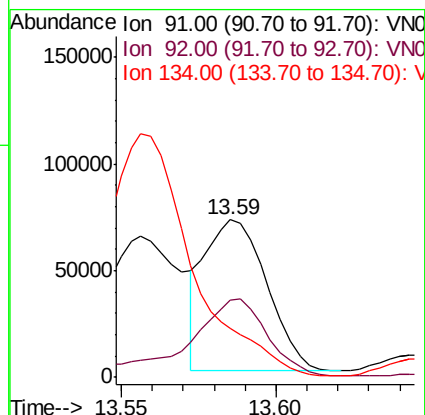
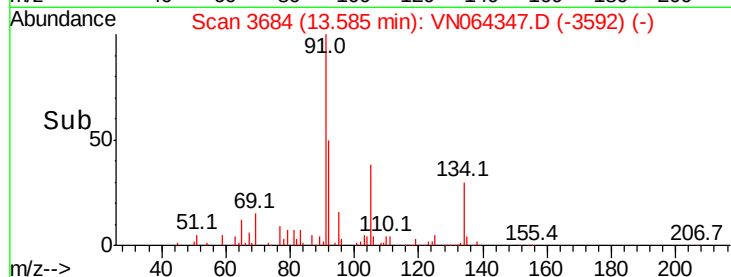


Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN064320.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN064320.D (-3669) (-)

Time--> 13.55 13.60



#90

Hexachloroethane

Concen: 28.939 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN064347.D

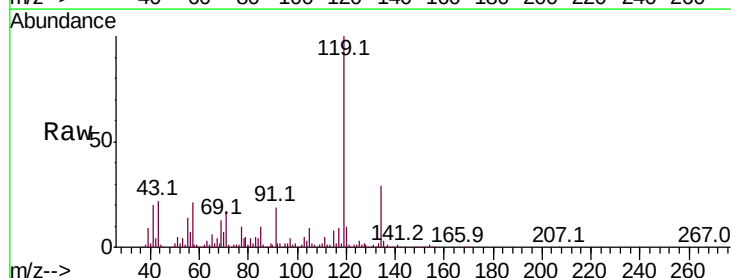
Acq: 28 Oct 2020 13:11

Tgt Ion: 117 Resp: 61540

Ion Ratio Lower Upper

117 100

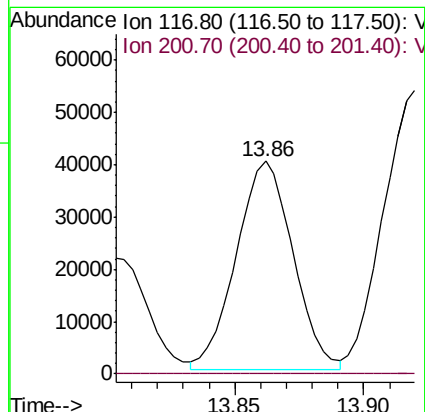
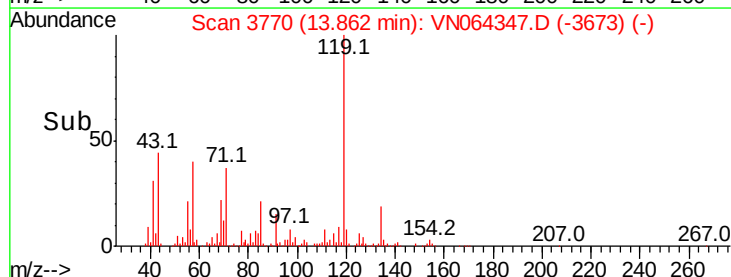
201 0.0 39.8 119.3#

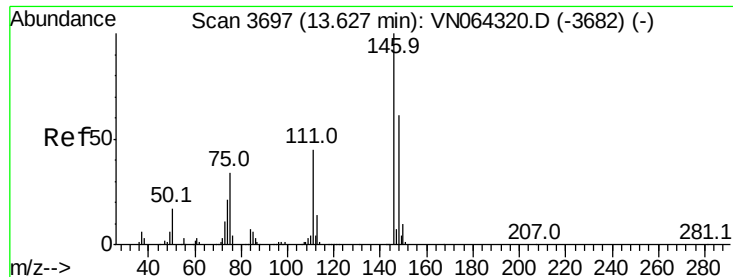


Abundance Ion 116.80 (116.50 to 117.50): VN064320.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN064320.D (-3752) (-)

Time--> 13.85 13.90





#91

1,2-Dichlorobenzene

Concen: 0.212 ug/l

RT: 13.62 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

1814

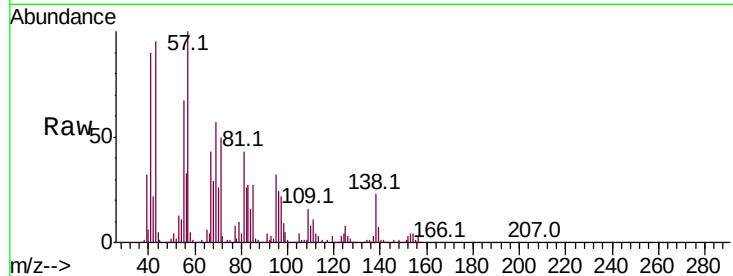
Tot Ion:146 Resp: 1266

Ion Ratio Lower Upper

146 100

111 0.0 23.0 69.0#

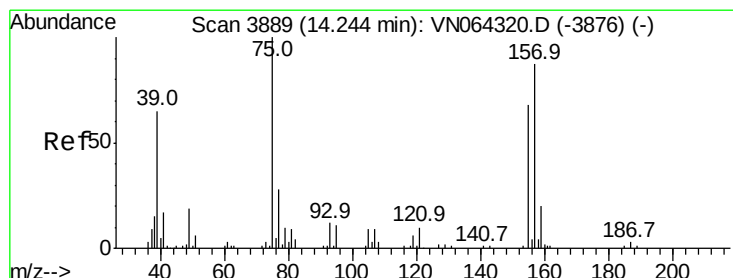
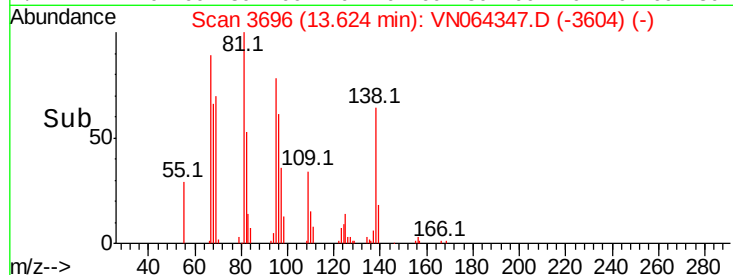
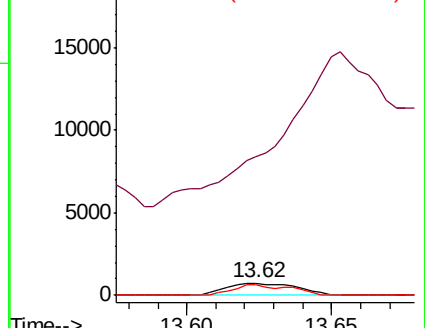
148 46.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.955 ug/l

RT: 14.27 min Scan# 3896

Delta R.T. 0.02 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

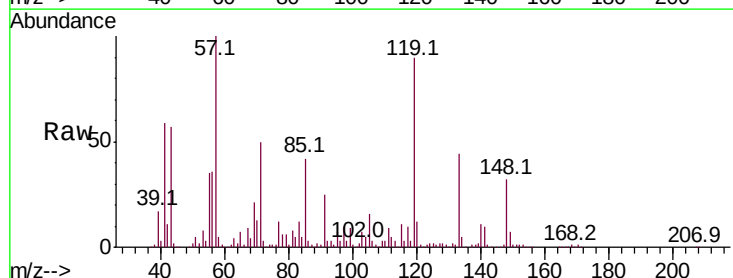
Tgt Ion: 75 Resp: 3990

Ion Ratio Lower Upper

75 100

155 54.1 35.1 105.5

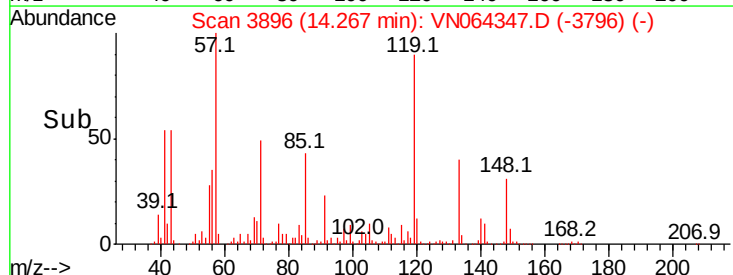
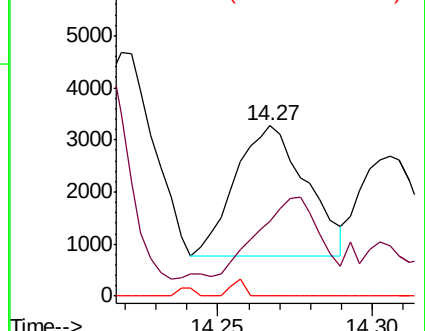
157 2.5 43.2 129.6#

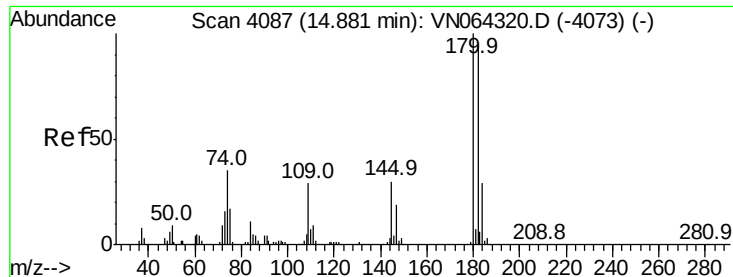


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

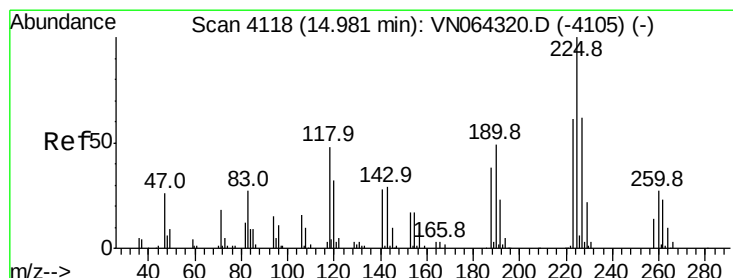
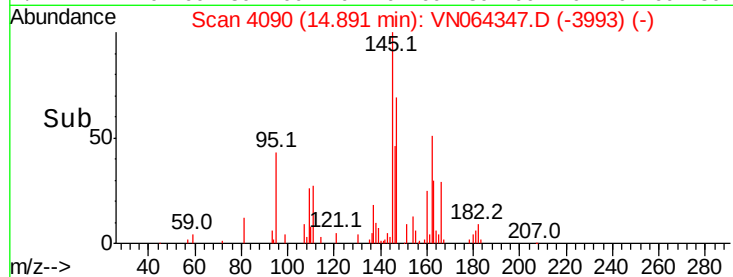
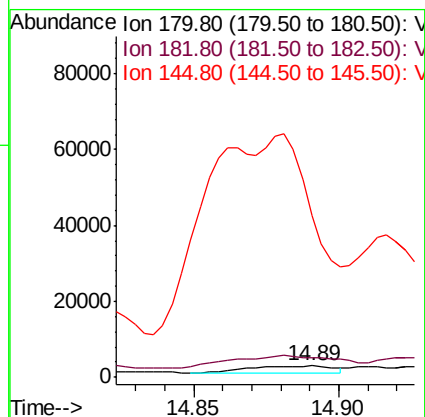
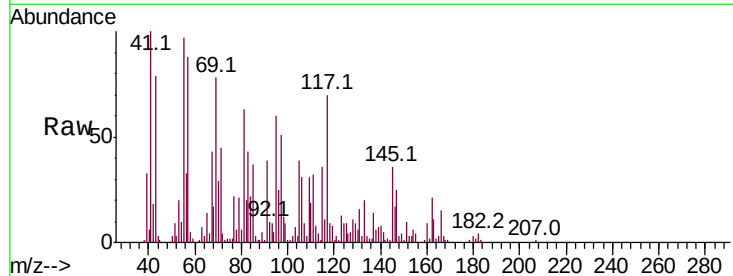




#93
 1,2,4-Trichlorobenzene
 Concen: 3.072 ug/l
 RT: 14.89 min Scan# 4090
 Delta R.T. 0.01 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

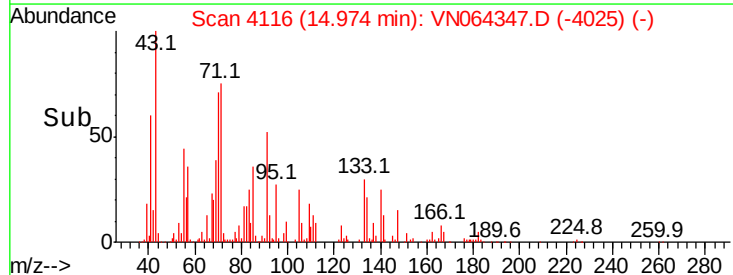
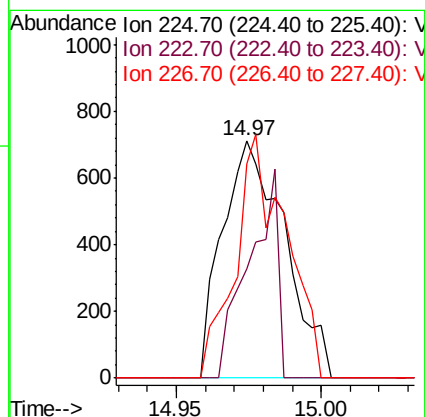
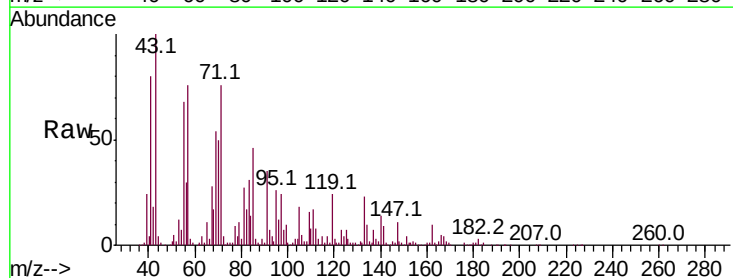
Instrument :
 MSVOA_N
 ClientSampled :
 1814

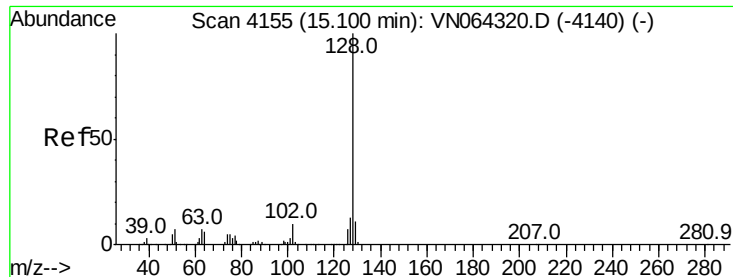
Tot Ion:180 Resp: 3765
 Ion Ratio Lower Upper
 180 100
 182 224.8 46.6 139.7#
 145 0.0 15.3 45.9#



#94
 Hexachlorobutadiene
 Concen: 0.583 ug/l
 RT: 14.97 min Scan# 4116
 Delta R.T. -0.01 min
 Lab File: VN064347.D
 Acq: 28 Oct 2020 13:11

Tgt Ion:225 Resp: 1067
 Ion Ratio Lower Upper
 225 100
 223 40.7 31.3 93.8
 227 83.3 32.3 96.9





#95

Naphthalene

Concen: 102.652 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Instrument :

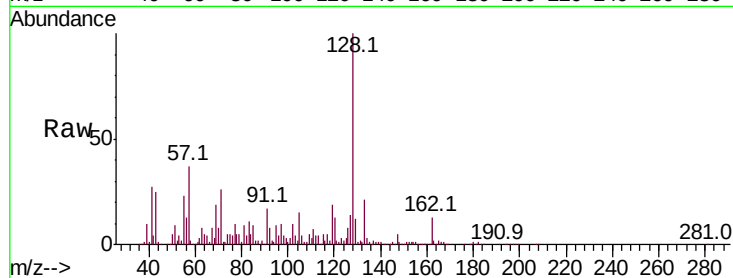
MSVOA_N

ClientSampled :

1814

Tot Ion:128 Resp: 1111748

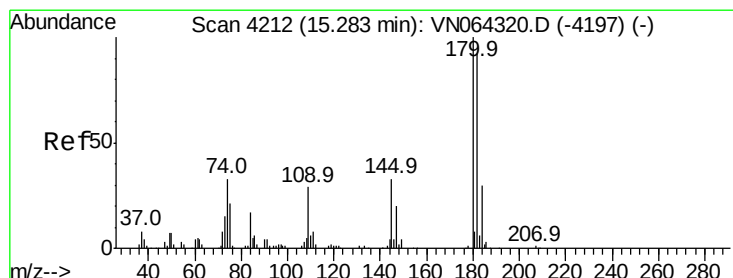
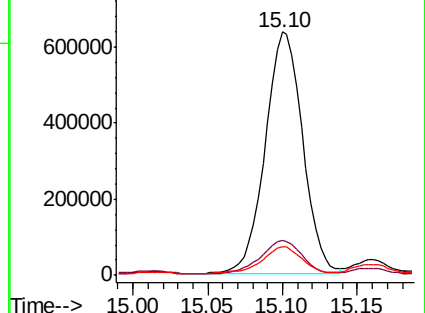
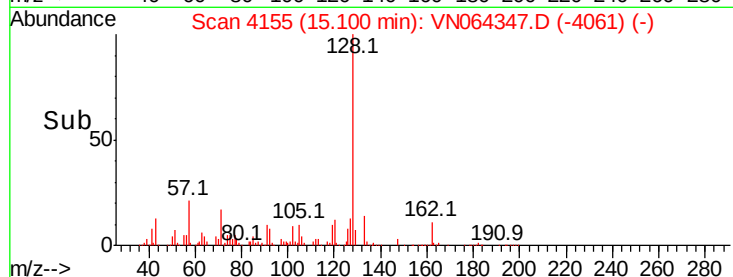
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.4	15.6
129	12.0	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 9.016 ug/l

RT: 15.25 min Scan# 4203

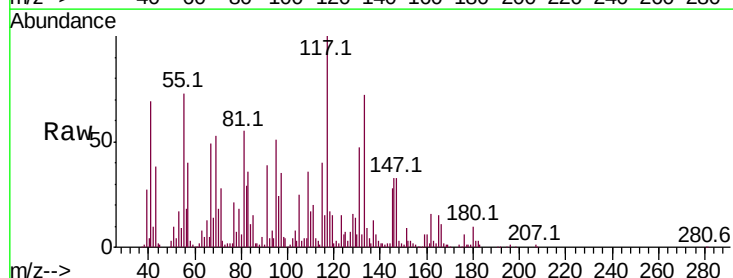
Delta R.T. -0.03 min

Lab File: VN064347.D

Acq: 28 Oct 2020 13:11

Tgt Ion:180 Resp: 23602

Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.1	138.3#
145	275.6	16.2	48.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

