

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
 Data File : VN063274.D
 Acq On : 9 Sep 2020 11:46
 Operator : JC/MD
 Sample : VN0909WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Quant Time: Sep 09 15:33:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	427763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	759540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	682812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	311840	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	340056	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.55	113	247272	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.06	98	941285	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	348052	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	77131	18.309	ug/l	98
3) Chloromethane	2.04	50	111839	18.232	ug/l	98
4) Vinyl Chloride	2.17	62	115539	17.051	ug/l	97
5) Bromomethane	2.54	94	75579	13.250	ug/l	99
6) Chloroethane	2.68	64	72768	13.506	ug/l	99
7) Trichlorofluoromethane	2.99	101	176311	16.254	ug/l	97
8) Diethyl Ether	3.38	74	61669	19.021	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	92646	20.115	ug/l	98
10) Methyl Iodide	3.91	142	112143	17.852	ug/l	100
11) Tert butyl alcohol	4.72	59	87972	102.490	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	88748	18.910	ug/l	92
13) Acrolein	3.57	56	10559	46.043	ug/l	88
14) Allyl chloride	4.28	41	177897	21.343	ug/l	98
15) Acrylonitrile	4.93	53	238347	100.583	ug/l	99
16) Acetone	3.77	43	216266	108.796	ug/l	96
17) Carbon Disulfide	4.01	76	244255	17.485	ug/l	98
18) Methyl Acetate	4.28	43	122873	24.108	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	332452	19.095	ug/l	98
20) Methylene Chloride	4.50	84	109373	19.265	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	100145	19.314	ug/l	94
22) Diisopropyl ether	5.90	45	383711	20.543	ug/l	98
23) Vinyl Acetate	5.84	43	1526276	102.408	ug/l	96
24) 1,1-Dichloroethane	5.80	63	209547	20.350	ug/l	97
25) 2-Butanone	6.78	43	332831	108.134	ug/l	97
26) 2,2-Dichloropropane	6.78	77	177352	19.010	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	117245	18.603	ug/l	93
28) Bromochloromethane	7.15	49	94976	17.655	ug/l	97
29) Tetrahydrofuran	7.16	42	220485	103.599	ug/l	96
30) Chloroform	7.33	83	204501	18.983	ug/l	99
31) Cyclohexane	7.61	56	183040	19.088	ug/l	91
32) 1,1,1-Trichloroethane	7.53	97	176433	19.005	ug/l	98
36) 1,1-Dichloropropene	7.75	75	153461	21.017	ug/l	99
37) Ethyl Acetate	6.88	43	147675	21.636	ug/l #	94
38) Carbon Tetrachloride	7.73	117	152011	20.528	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
 Data File : VN063274.D
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 Sample : VN0909WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 09 15:33:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	165587	20.186	ug/l	95
40) Benzene	8.00	78	438415	20.432	ug/l	98
41) Methacrylonitrile	7.16	41	208815	67.883	ug/l #	20
42) 1,2-Dichloroethane	8.08	62	168039	20.965	ug/l	98
43) Isopropyl Acetate	8.13	43	259587	21.799	ug/l	98
44) Trichloroethene	8.80	130	114139	21.930	ug/l	99
45) 1,2-Dichloropropane	9.08	63	120493	21.209	ug/l	98
46) Dibromomethane	9.17	93	79312	21.066	ug/l	98
47) Bromodichloromethane	9.37	83	165466	20.504	ug/l	95
48) Methyl methacrylate	9.17	41	121125	22.563	ug/l	96
49) 1,4-Dioxane	9.17	88	34762	418.663	ug/l	88
51) 4-Methyl-2-Pentanone	9.95	43	729613	112.751	ug/l	99
52) Toluene	10.13	92	272436	20.382	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	175492	19.881	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	195110	21.057	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	104485	20.411	ug/l	96
56) Ethyl methacrylate	10.40	69	162112	20.809	ug/l	96
57) 1,3-Dichloropropane	10.68	76	186913	20.496	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	373493	92.583	ug/l	97
59) 2-Hexanone	10.72	43	523632	115.141	ug/l	96
60) Dibromochloromethane	10.87	129	117357	20.737	ug/l	98
61) 1,2-Dibromoethane	10.98	107	106818	20.073	ug/l	97
64) Tetrachloroethene	10.60	164	113139	23.074	ug/l	98
65) Chlorobenzene	11.41	112	284898	20.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	108790	21.306	ug/l	98
67) Ethyl Benzene	11.48	91	533231	21.254	ug/l	99
68) m/p-Xylenes	11.59	106	383741	41.298	ug/l	98
69) o-Xylene	11.92	106	187417	20.878	ug/l	97
70) Styrene	11.94	104	311788	20.210	ug/l	98
71) Bromoform	12.10	173	73181	21.119	ug/l #	96
73) Isopropylbenzene	12.23	105	497885	20.817	ug/l	99
74) N-amyl acetate	12.05	43	206778	20.872	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.48	83	140824	20.422	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	196316	32.041	ug/l #	100
77) Bromobenzene	12.50	156	114193	21.111	ug/l	99
78) n-propylbenzene	12.57	91	586762	21.201	ug/l	100
79) 2-Chlorotoluene	12.65	91	349399	21.078	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	422237	21.209	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	48359	19.077	ug/l	95
82) 4-Chlorotoluene	12.75	91	358405	20.847	ug/l	100
83) tert-Butylbenzene	12.97	119	352365	20.638	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	431775	21.517	ug/l	97
85) sec-Butylbenzene	13.15	105	458620	20.610	ug/l	100
86) p-Isopropyltoluene	13.26	119	416474	21.081	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	204532	20.583	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	206246	20.045	ug/l	98
89) n-Butylbenzene	13.59	91	369031	20.220	ug/l	100
90) Hexachloroethane	13.85	117	67440	18.441	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	208670	21.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31218	20.592	ug/l	96

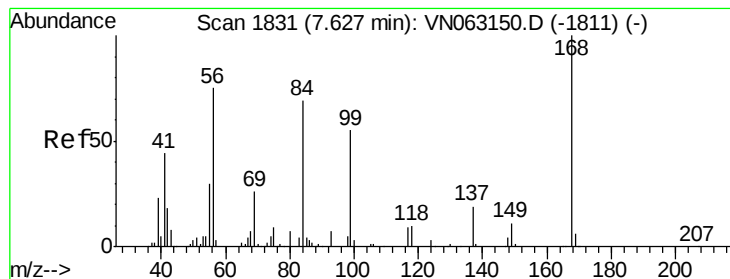
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
Data File : VN063274.D
Acq On : 9 Sep 2020 11:46
Operator : JC/MD
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Quant Time: Sep 09 15:33:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	114903	21.328	ug/l	99
94) Hexachlorobutadiene	14.98	225	44551	22.136	ug/l	97
95) Naphthalene	15.11	128	349520	19.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	112088	21.355	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

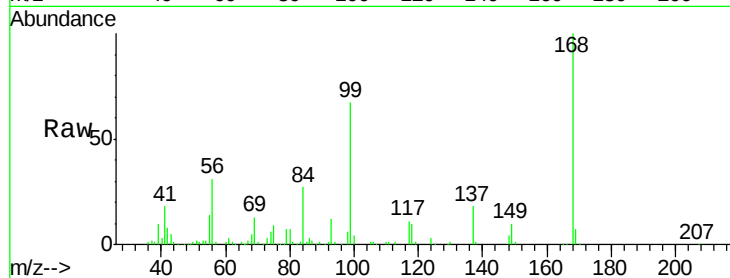
VN0909WBS01

Tgt Ion:168 Resp: 427763

Ion Ratio Lower Upper

168 100

99 66.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

150000

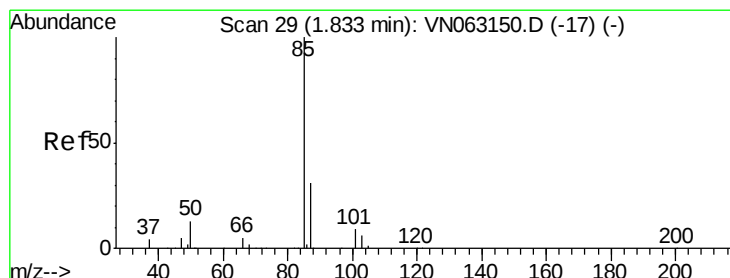
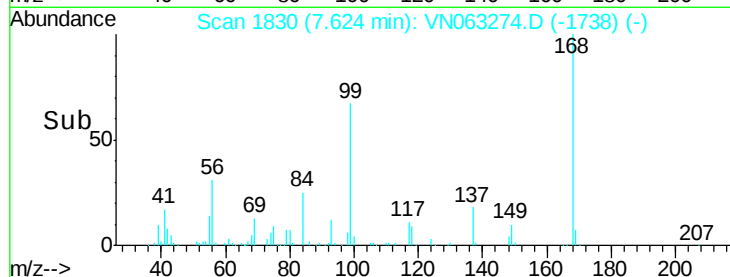
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.309 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063274.D

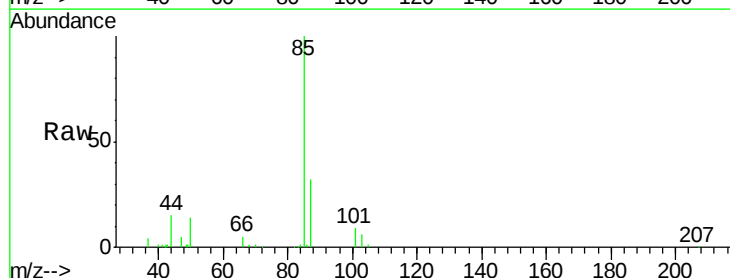
Acq: 9 Sep 2020 11:46

Tgt Ion: 85 Resp: 77131

Ion Ratio Lower Upper

85 100

87 32.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

60000

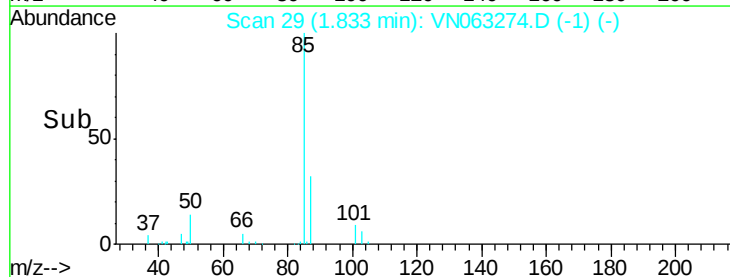
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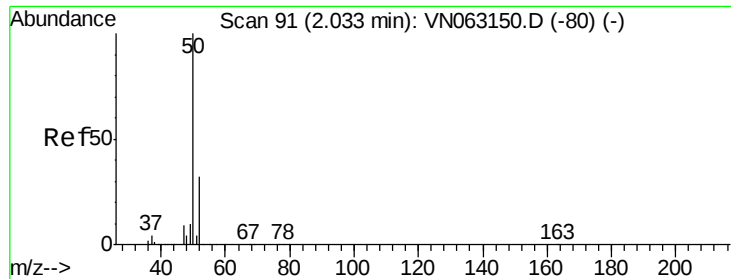
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.232 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

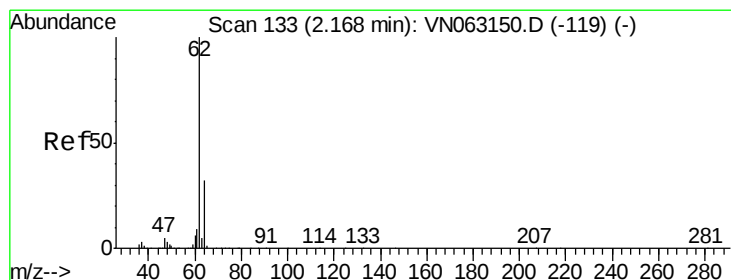
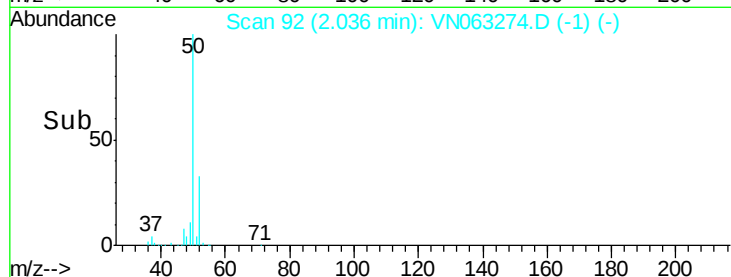
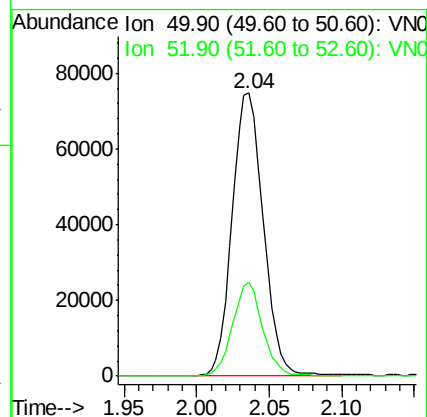
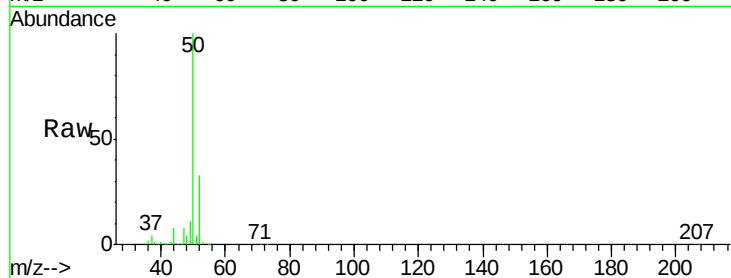
VN0909WBS01

Tgt Ion: 50 Resp: 111839

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.6



#4

Vinyl Chloride

Concen: 17.051 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063274.D

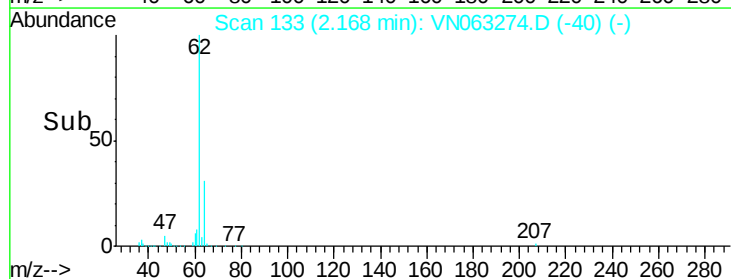
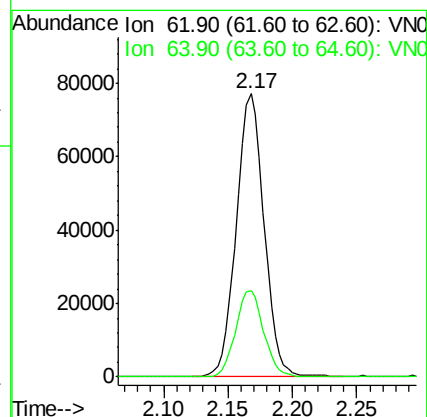
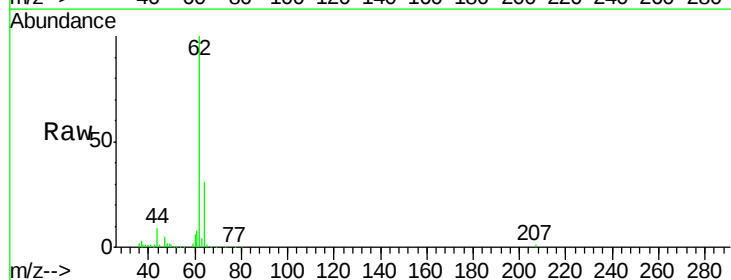
Acq: 9 Sep 2020 11:46

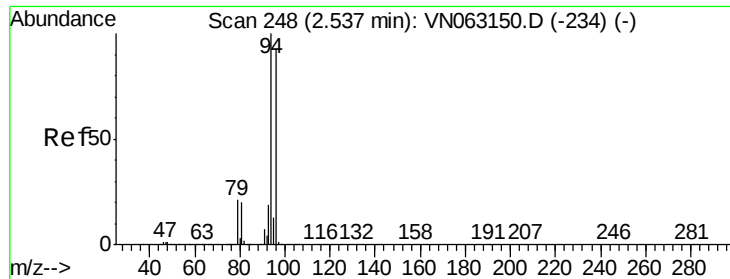
Tgt Ion: 62 Resp: 115539

Ion Ratio Lower Upper

62 100

64 30.6 25.8 38.8





#5

Bromomethane

Concen: 13.250 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

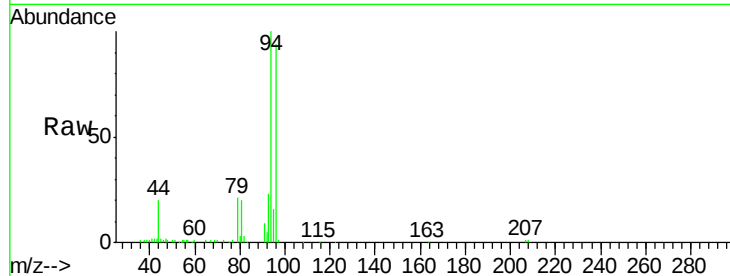
VN0909WBS01

Tgt Ion: 94 Resp: 75579

Ion Ratio Lower Upper

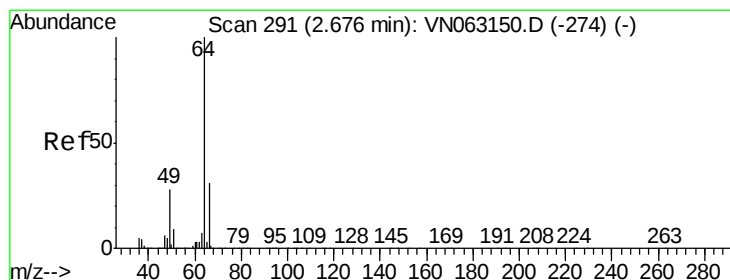
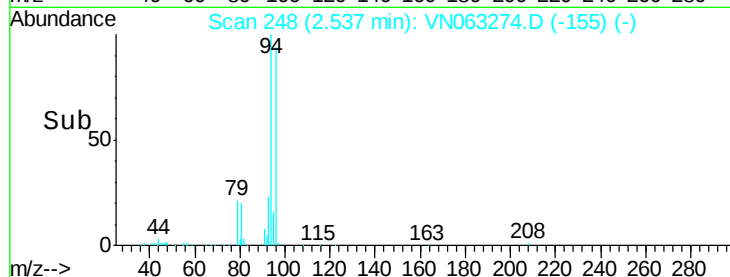
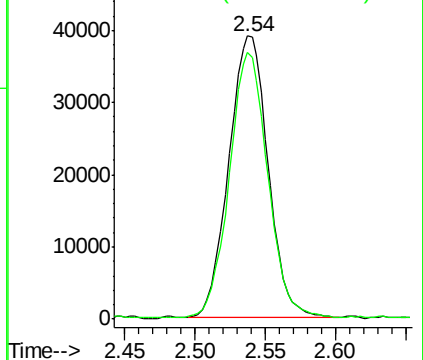
94 100

96 94.4 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 13.506 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063274.D

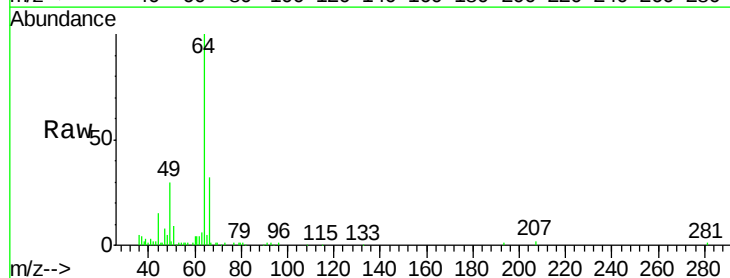
Acq: 9 Sep 2020 11:46

Tgt Ion: 64 Resp: 72768

Ion Ratio Lower Upper

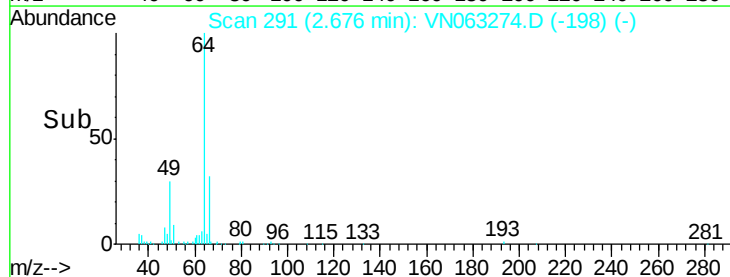
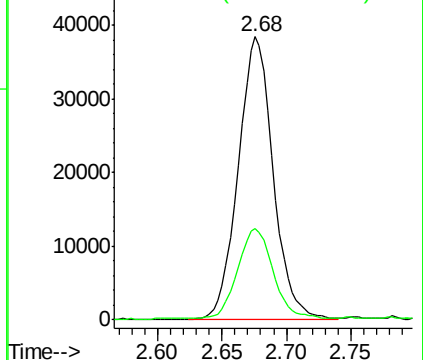
64 100

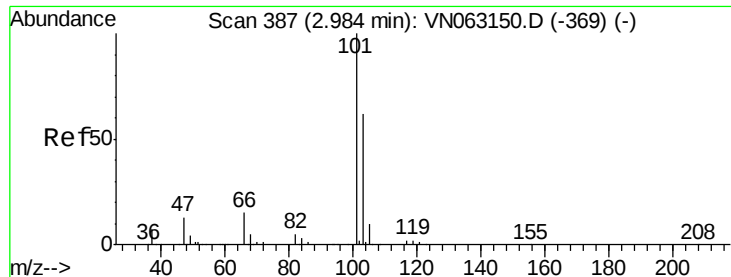
66 31.6 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



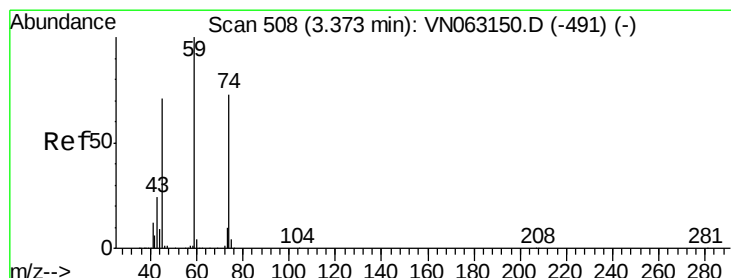
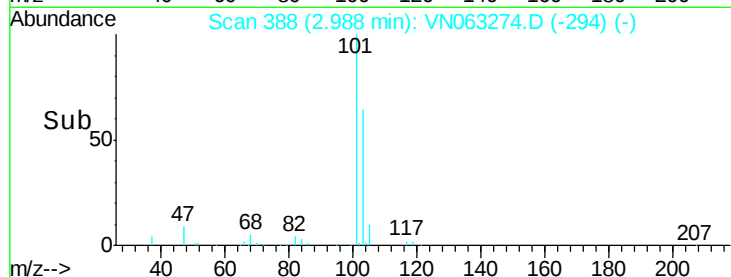
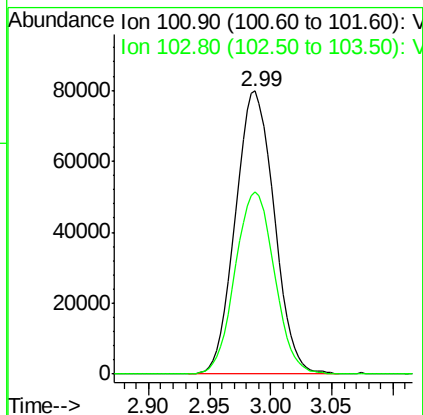
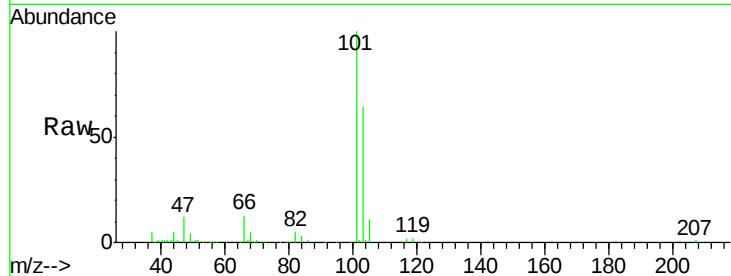


#7

Trichlorofluoromethane
 Concen: 16.254 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

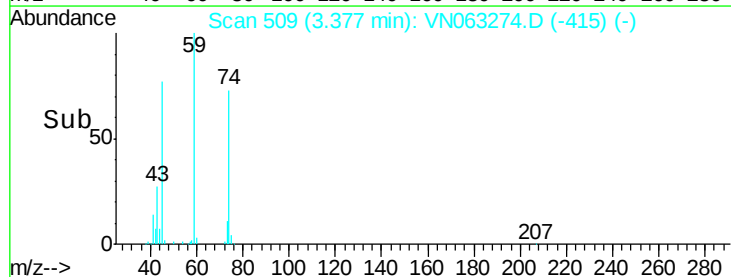
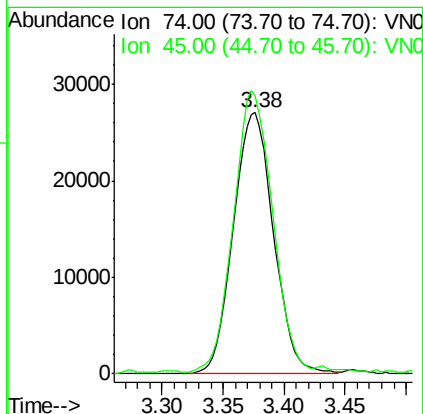
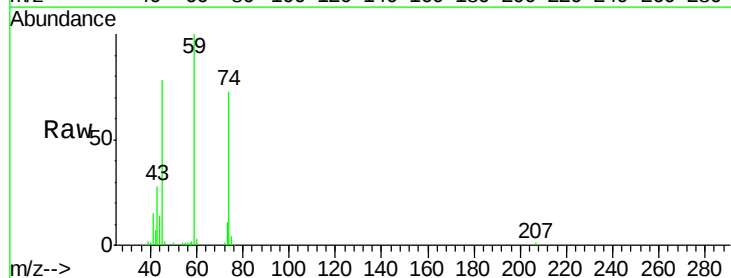
Tgt Ion:101 Resp: 176311
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.7 74.5

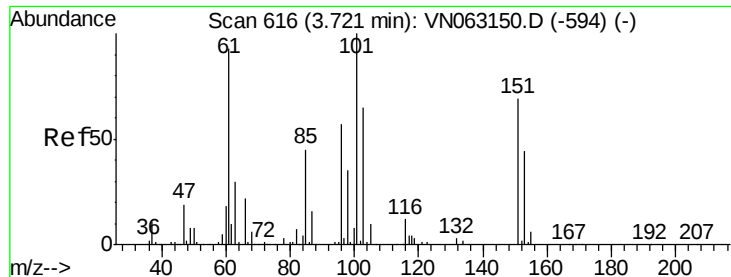


#8

Diethyl Ether
 Concen: 19.021 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion: 74 Resp: 61669
 Ion Ratio Lower Upper
 74 100
 45 104.8 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.115 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

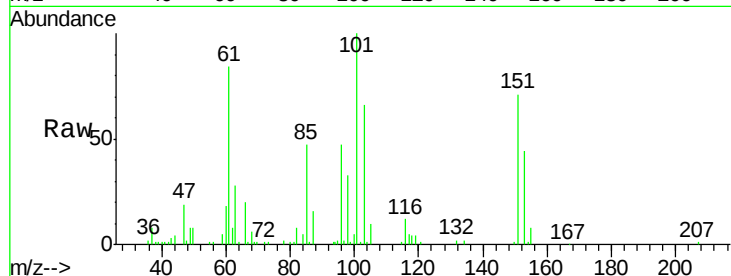
Tgt Ion:101 Resp: 92646

Ion Ratio Lower Upper

101 100

85 48.1 37.8 56.8

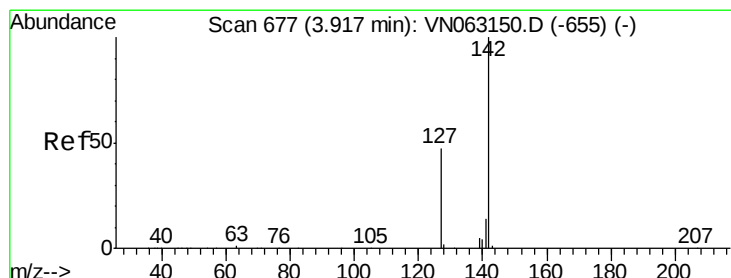
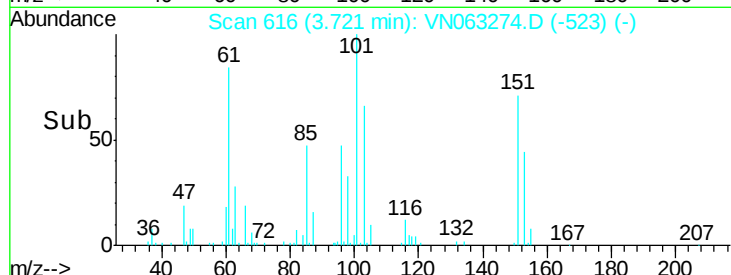
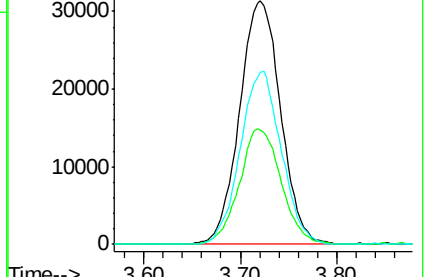
151 71.0 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.852 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

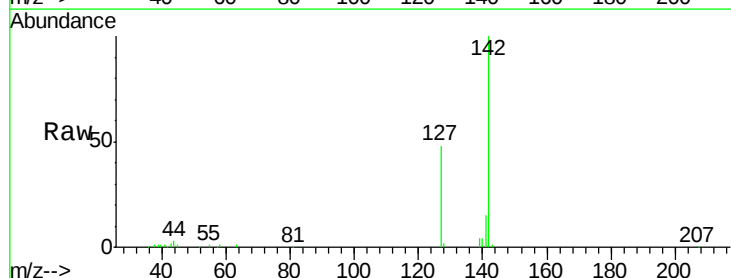
Tgt Ion:142 Resp: 112143

Ion Ratio Lower Upper

142 100

127 47.1 37.6 56.4

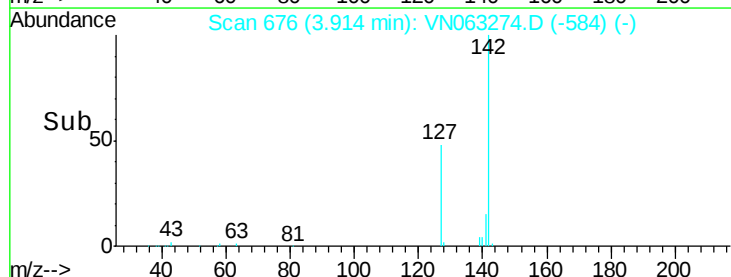
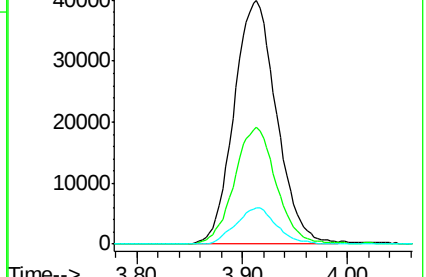
141 14.1 11.3 16.9

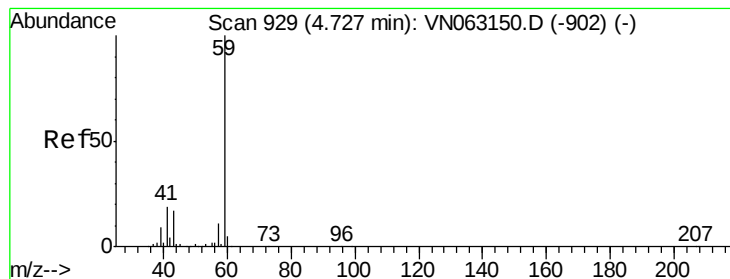


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



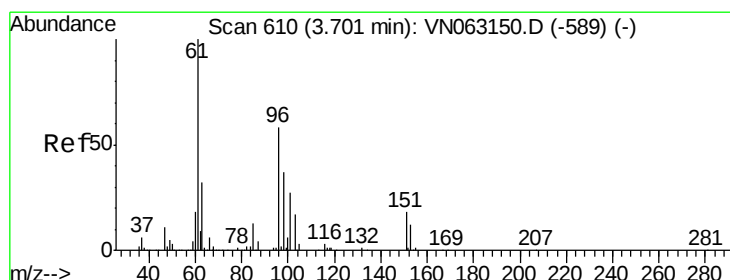
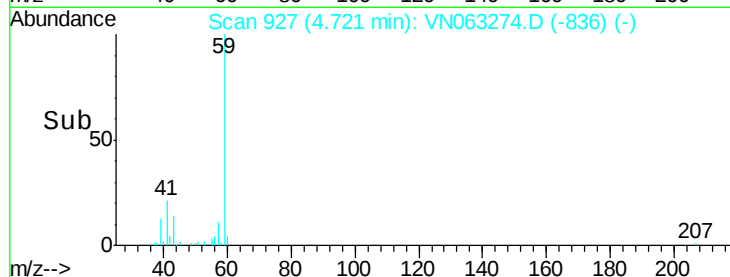
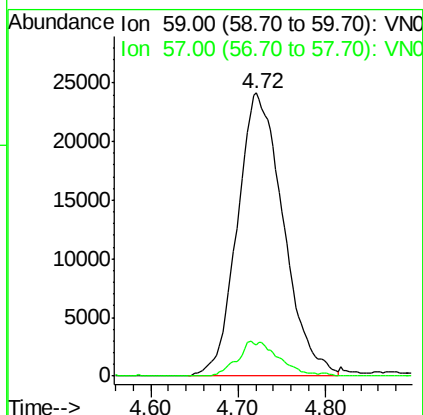
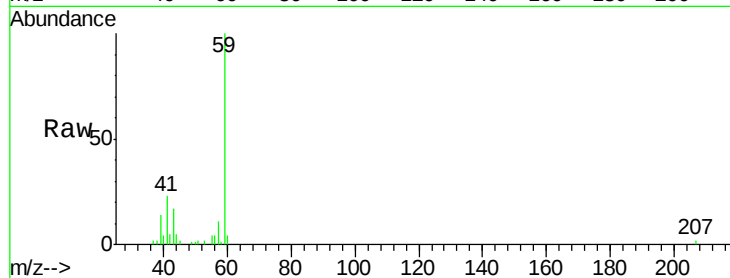


#11

Tert butyl alcohol
 Concen: 102.490 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Instrument :
 MSVOA_N
 ClientSampled :
 VN0909WBS01

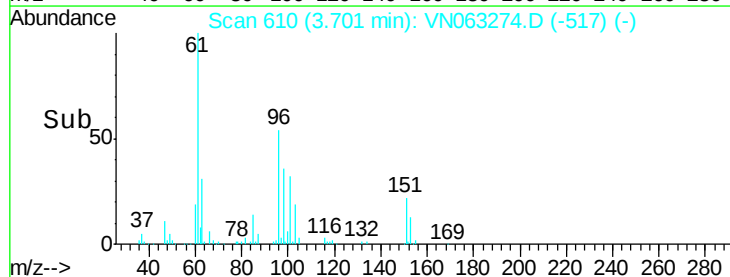
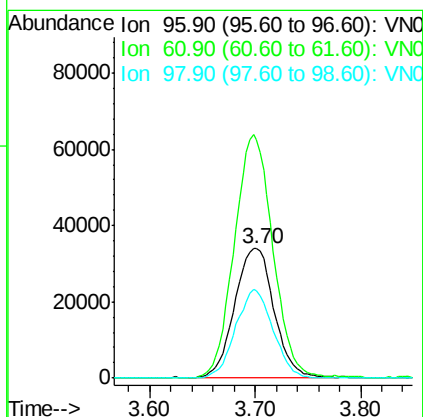
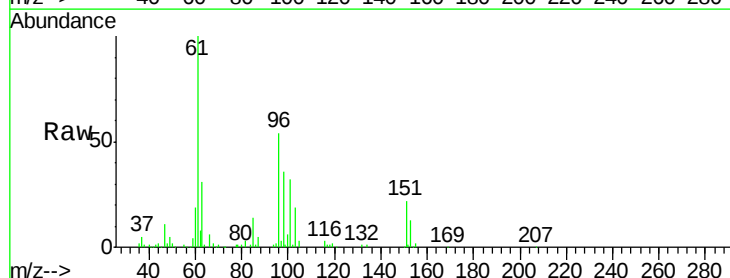
Tgt Ion: 59 Resp: 87972
 Ion Ratio Lower Upper
 59 100
 57 5.1 8.4 12.6#

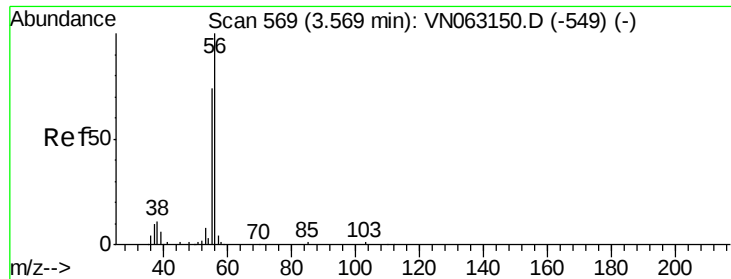


#12

1,1-Dichloroethene
 Concen: 18.910 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion: 96 Resp: 88748
 Ion Ratio Lower Upper
 96 100
 61 184.4 137.4 206.2
 98 67.0 50.5 75.7





#13

Acrolein

Concen: 46.043 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

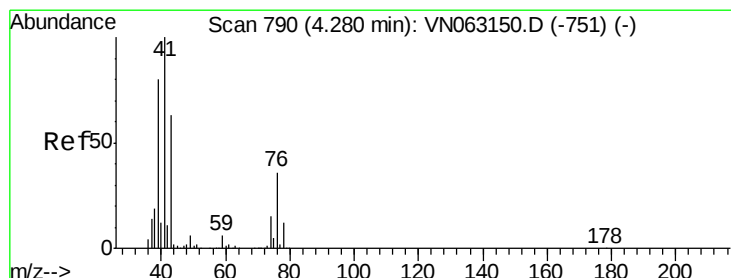
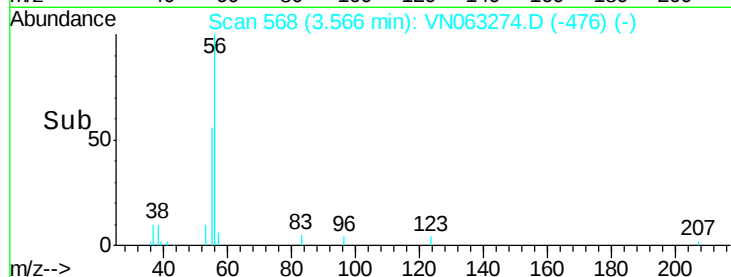
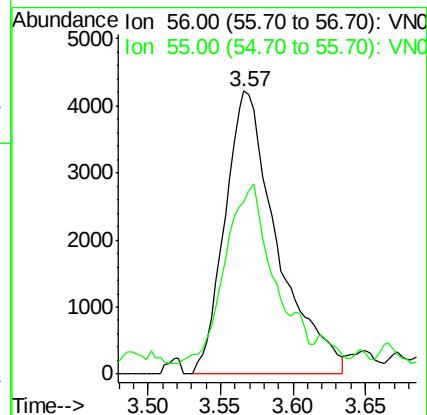
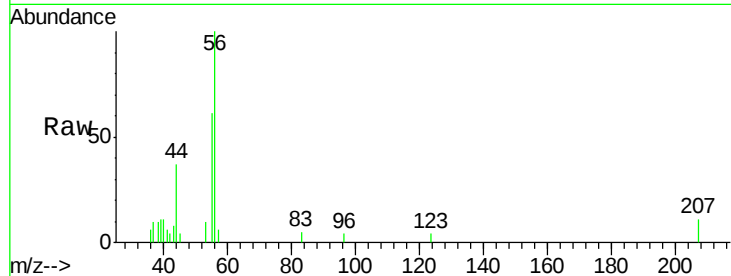
VN0909WBS01

Tgt Ion: 56 Resp: 10559

Ion Ratio Lower Upper

56 100

55 59.2 55.4 83.0



#14

Allyl chloride

Concen: 21.343 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

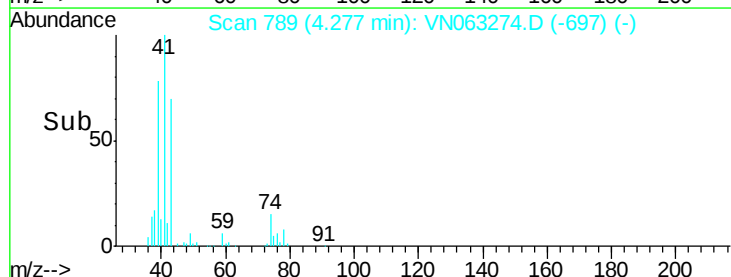
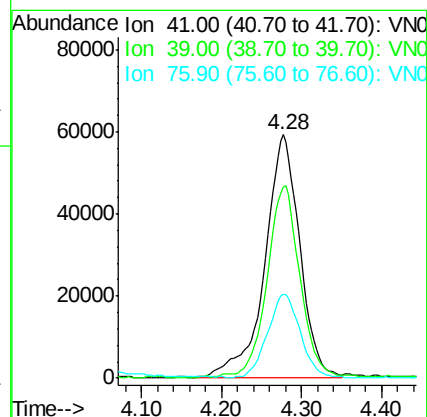
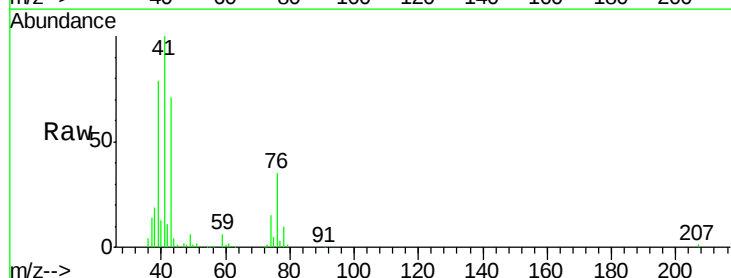
Tgt Ion: 41 Resp: 177897

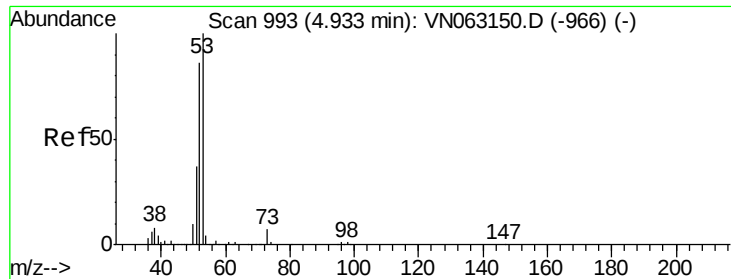
Ion Ratio Lower Upper

41 100

39 74.0 60.2 90.2

76 32.0 27.7 41.5





#15

Acrylonitrile

Concen: 100.583 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

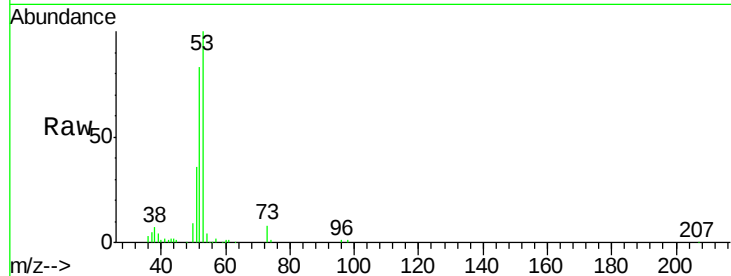
Tgt Ion: 53 Resp: 238347

Ion Ratio Lower Upper

53 100

52 84.5 67.2 100.8

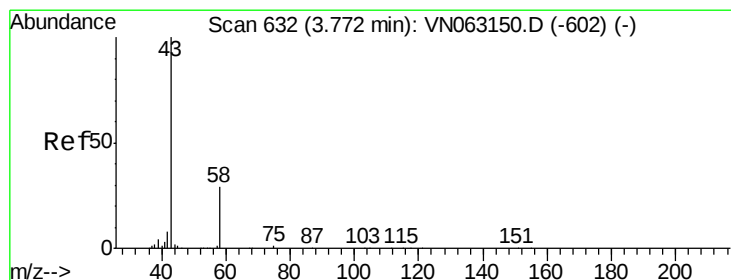
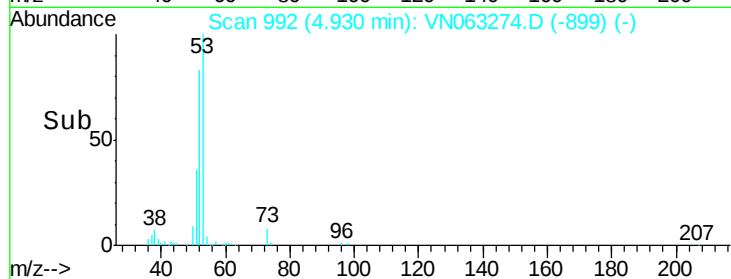
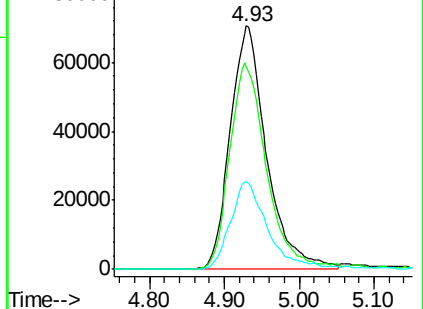
51 35.9 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 108.796 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063274.D

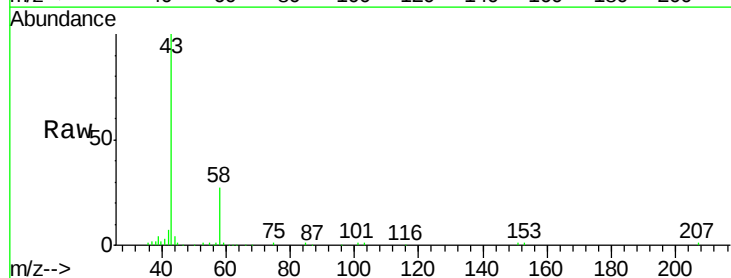
Acq: 9 Sep 2020 11:46

Tgt Ion: 43 Resp: 216266

Ion Ratio Lower Upper

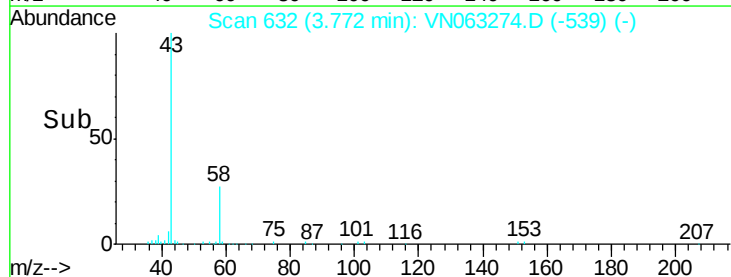
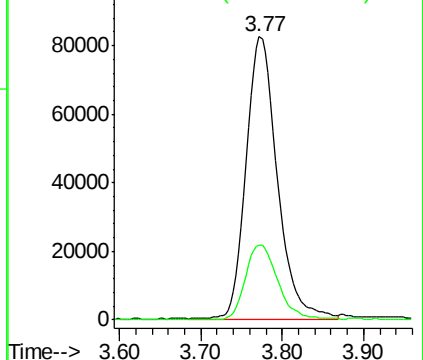
43 100

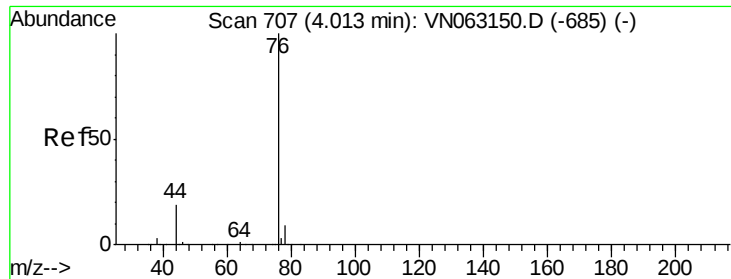
58 26.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.485 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

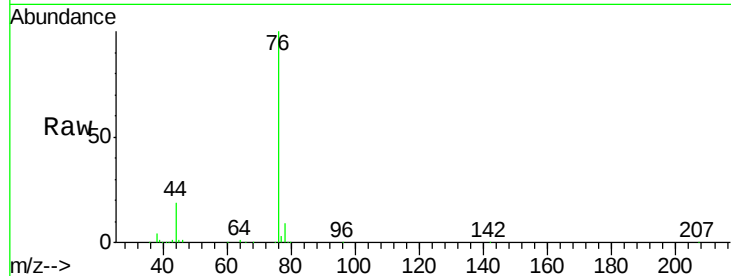
VN0909WBS01

Tgt Ion: 76 Resp: 244255

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

100000

80000

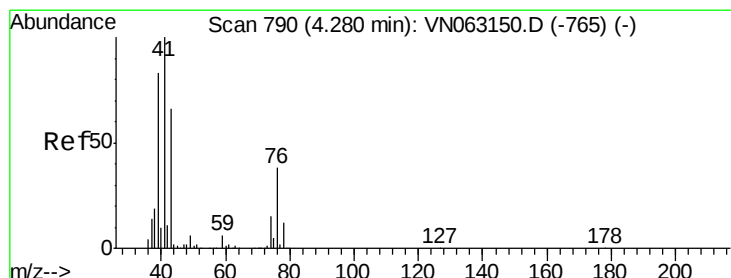
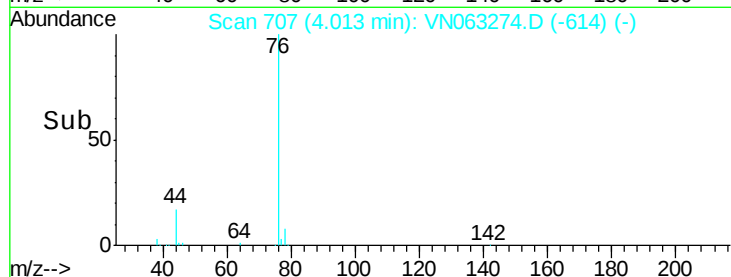
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 24.108 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063274.D

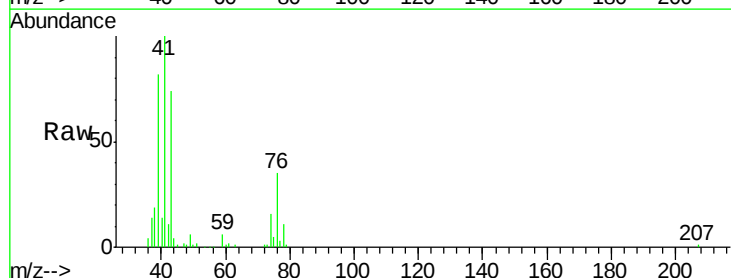
Acq: 9 Sep 2020 11:46

Tgt Ion: 43 Resp: 122873

Ion Ratio Lower Upper

43 100

74 21.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

50000

40000

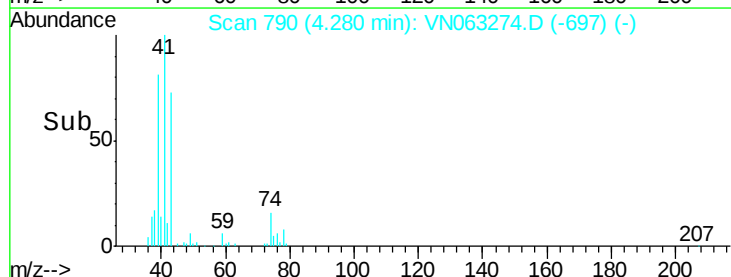
30000

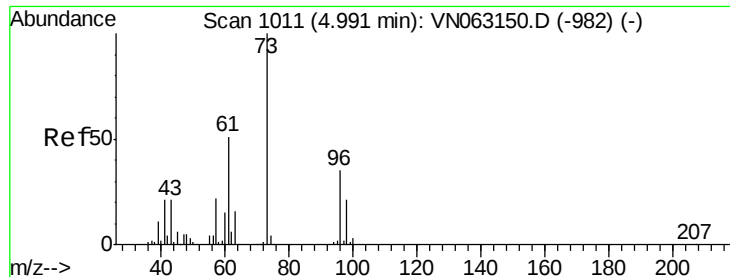
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 19.095 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

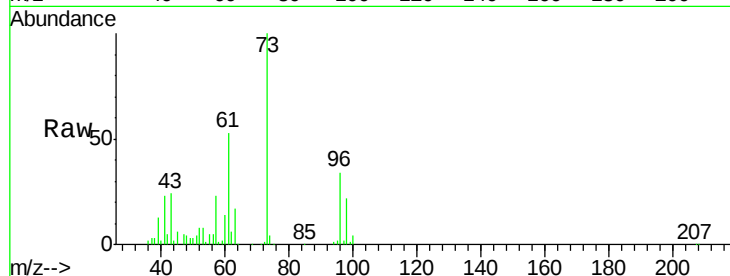
VN0909WBS01

Tgt Ion: 73 Resp: 332452

Ion Ratio Lower Upper

73 100

57 22.9 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VN063150.D (-982) (-)

Ion 57.00 (56.70 to 57.70): VN063150.D (-982) (-)

4.99

80000

60000

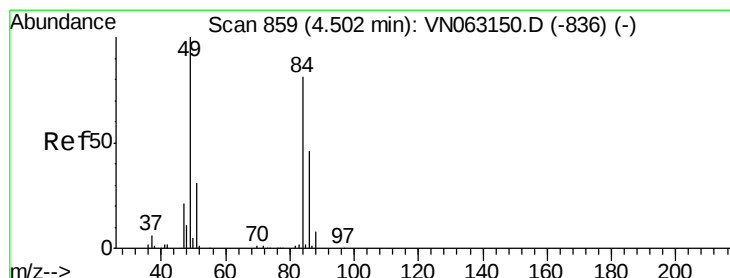
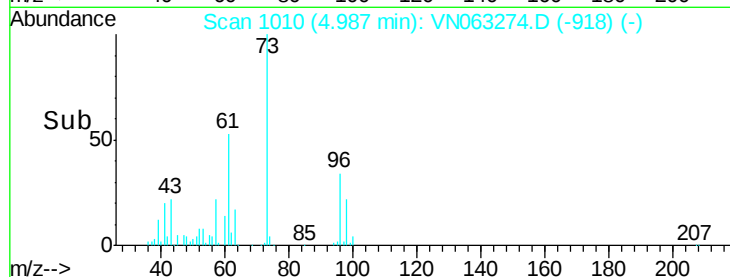
40000

20000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 19.265 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Tgt Ion: 84 Resp: 109373

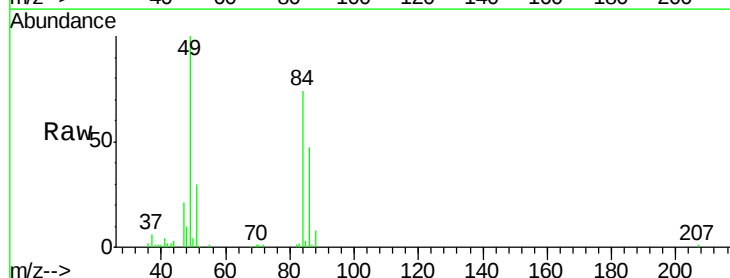
Ion Ratio Lower Upper

84 100

49 135.6 98.4 147.6

51 40.5 30.4 45.6

86 64.1 45.7 68.5



Abundance Ion 83.90 (83.60 to 84.60): VN063150.D (-836) (-)

Ion 48.90 (48.60 to 49.60): VN063150.D (-836) (-)

Ion 50.90 (50.60 to 51.60): VN063150.D (-836) (-)

Ion 85.90 (85.60 to 86.60): VN063150.D (-836) (-)

4.50

60000

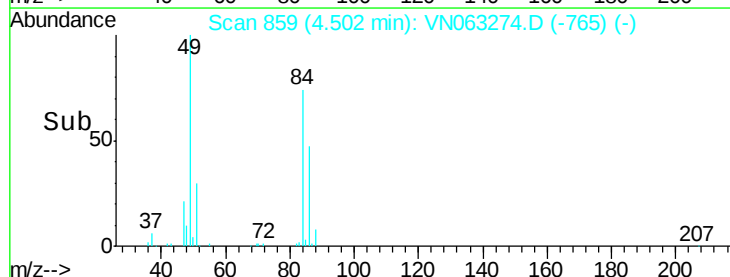
40000

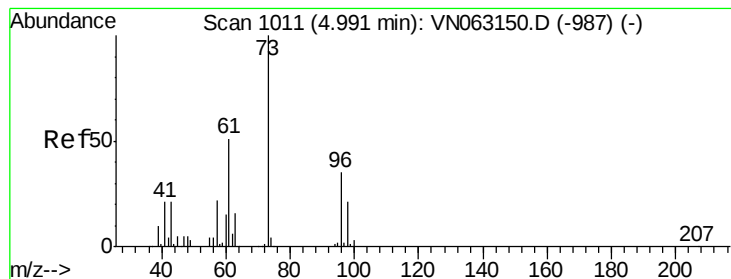
20000

0

4.40 4.50 4.60

Time-->



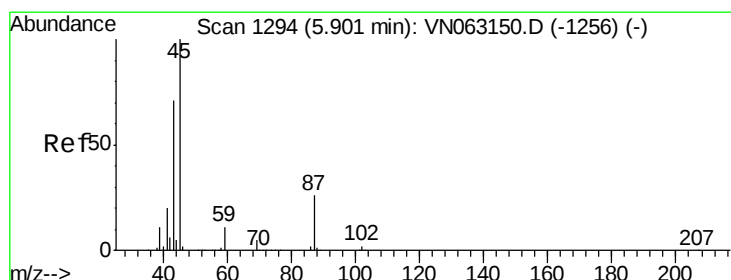
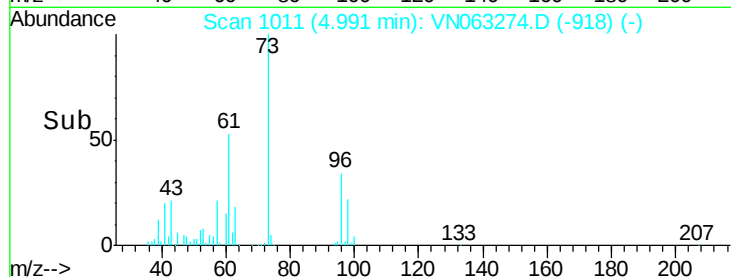
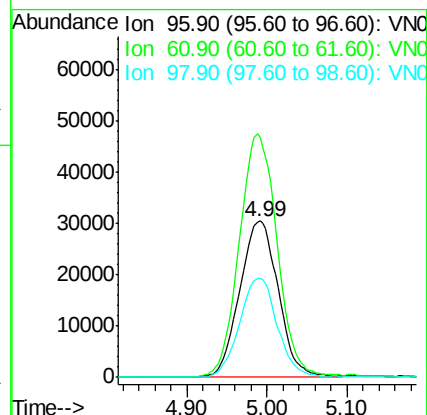
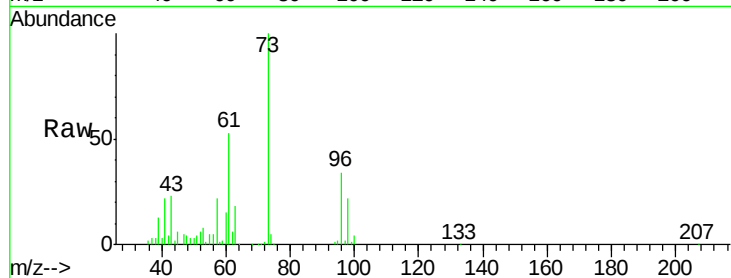


#21

trans-1,2-Dichloroethene
Concen: 19.314 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

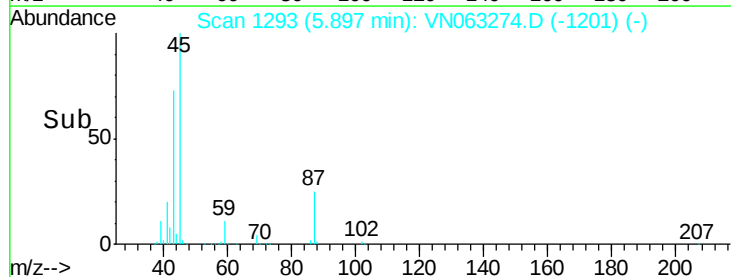
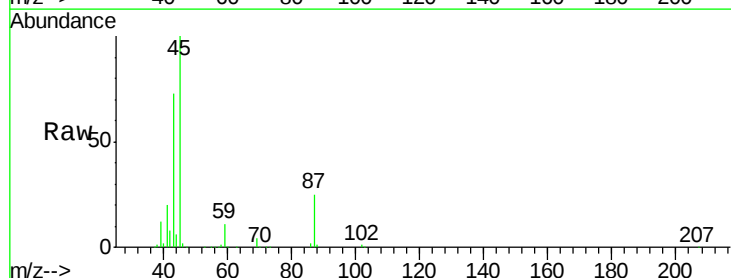
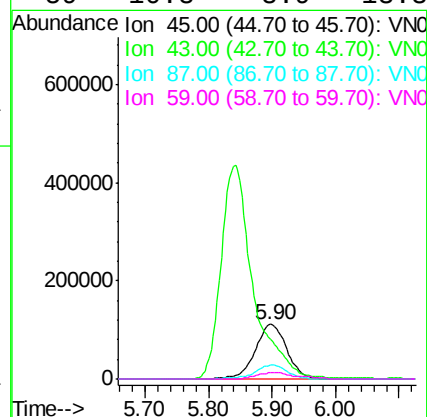
Tgt Ion: 96 Resp: 100145
Ion Ratio Lower Upper
96 100
61 153.4 116.2 174.4
98 63.6 48.0 72.0

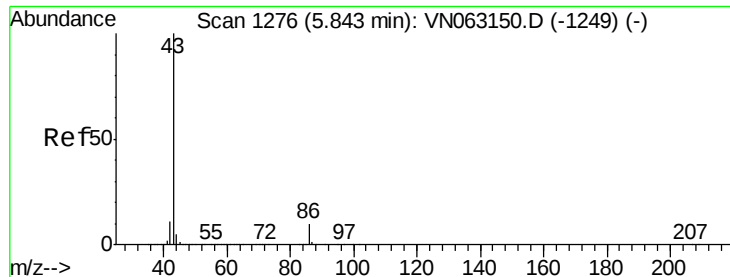


#22

Diisopropyl ether
Concen: 20.543 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion: 45 Resp: 383711
Ion Ratio Lower Upper
45 100
43 72.7 56.8 85.2
87 25.0 21.1 31.7
59 10.8 8.9 13.3





#23

Vinyl Acetate

Concen: 102.408 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

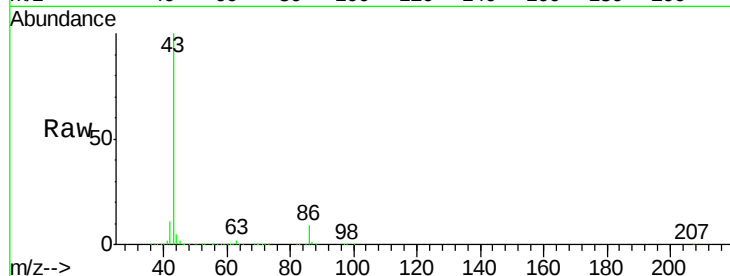
VN0909WBS01

Tgt Ion: 43 Resp: 1526276

Ion Ratio Lower Upper

43 100

86 9.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

400000

300000

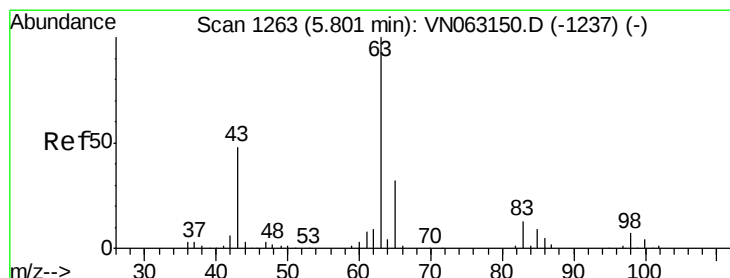
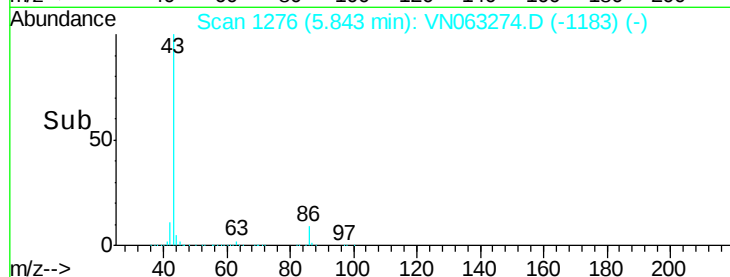
200000

100000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.350 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

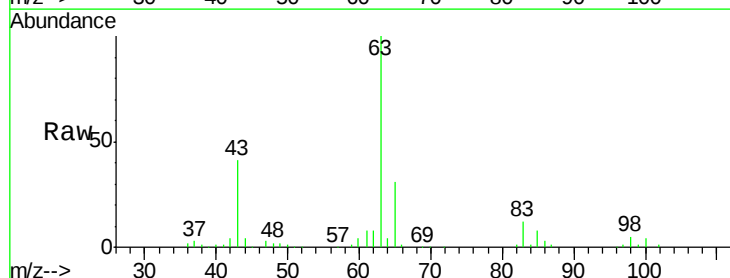
Tgt Ion: 63 Resp: 209547

Ion Ratio Lower Upper

63 100

98 5.5 3.4 10.1

100 3.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

80000

60000

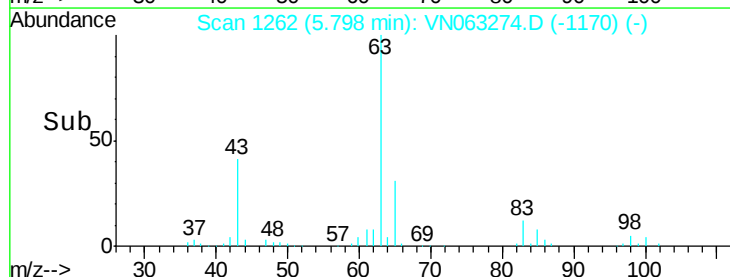
40000

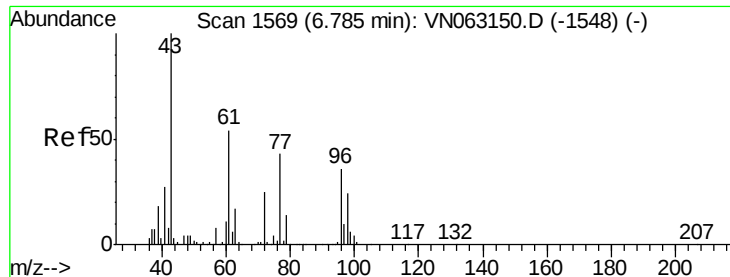
20000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 108.134 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

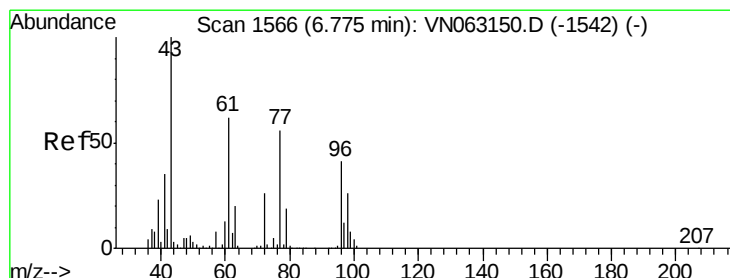
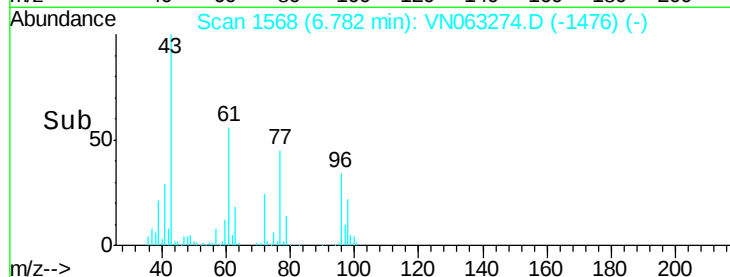
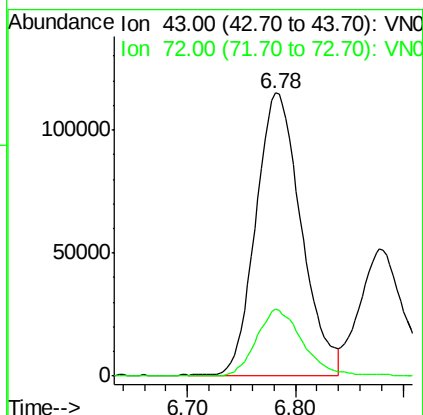
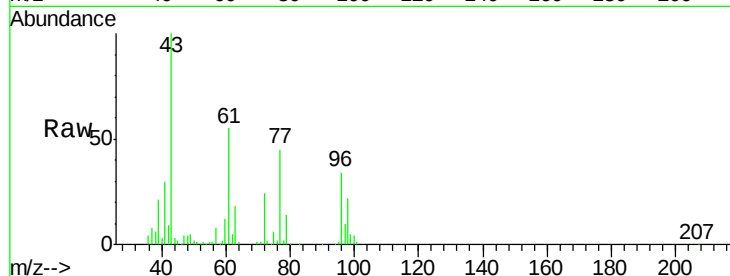
VN0909WBS01

Tgt Ion: 43 Resp: 332831

Ion Ratio Lower Upper

43 100

72 23.9 20.2 30.4



#26

2,2-Dichloropropane

Concen: 19.010 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063274.D

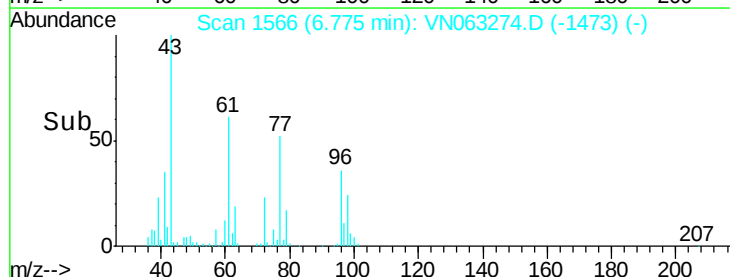
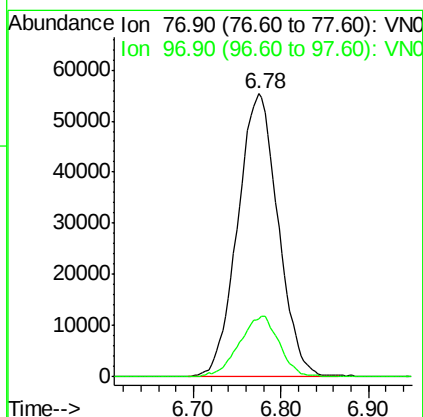
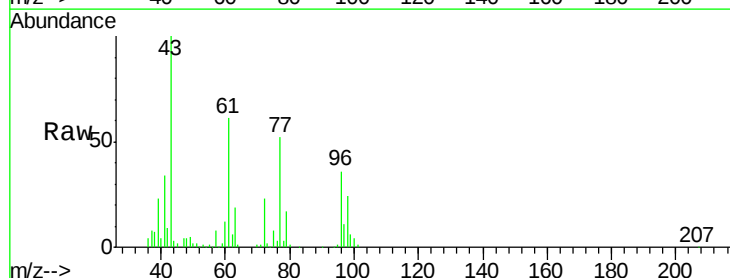
Acq: 9 Sep 2020 11:46

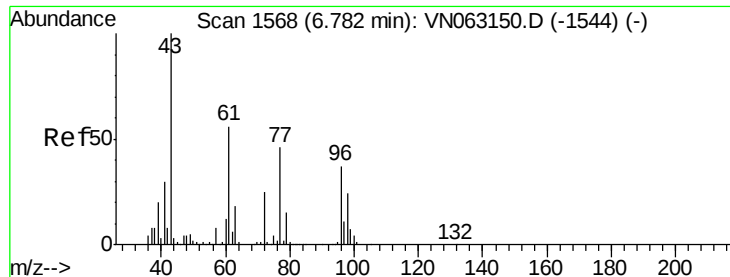
Tgt Ion: 77 Resp: 177352

Ion Ratio Lower Upper

77 100

97 21.2 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 18.603 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

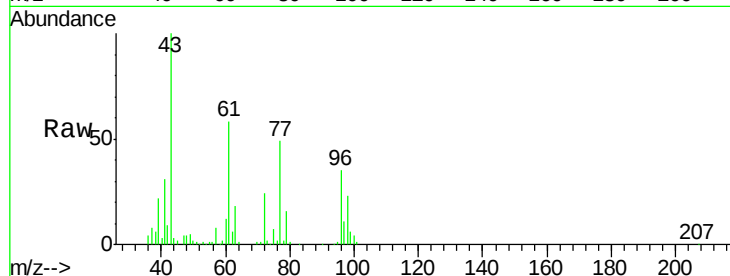
Tgt Ion: 96 Resp: 117245

Ion Ratio Lower Upper

96 100

61 163.5 0.0 303.2

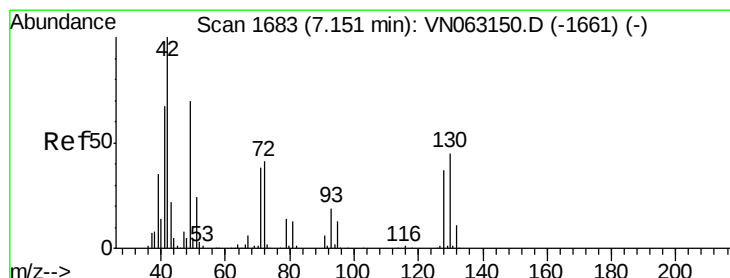
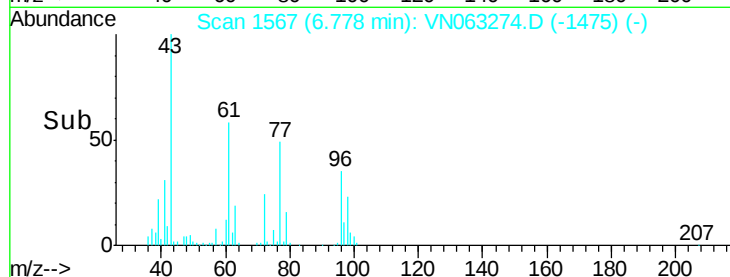
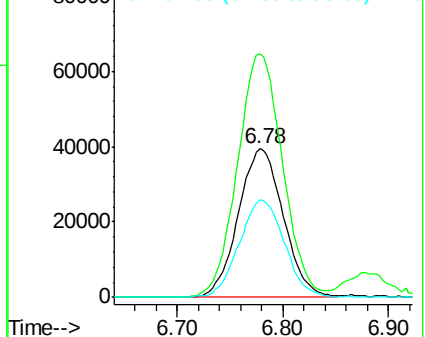
98 65.7 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.655 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

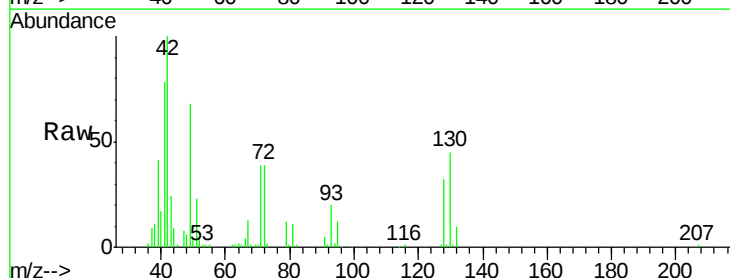
Tgt Ion: 49 Resp: 94976

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

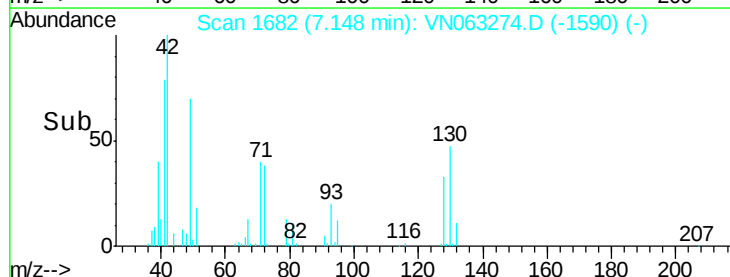
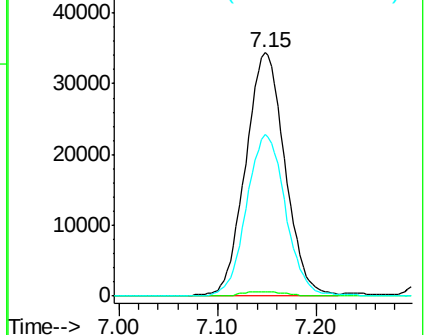
130 65.6 54.4 81.6

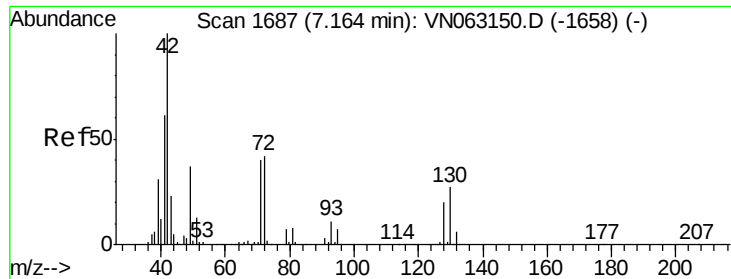


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 103.599 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

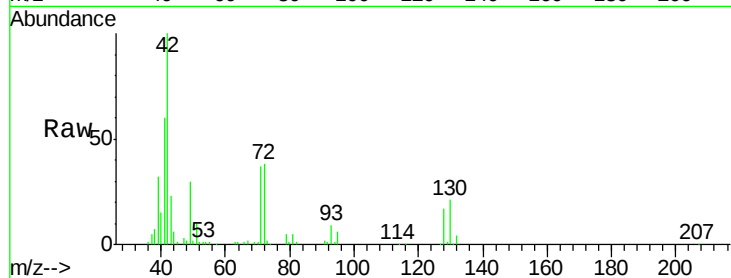
Tgt Ion: 42 Resp: 220485

Ion Ratio Lower Upper

42 100

72 39.7 33.9 50.9

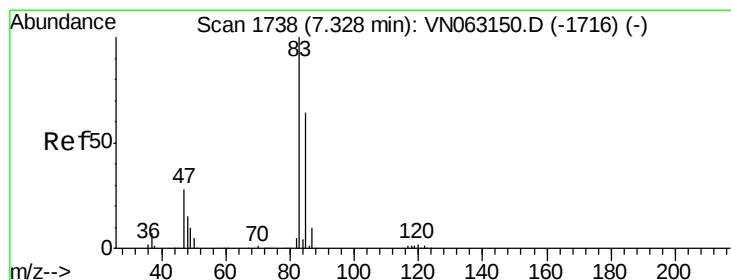
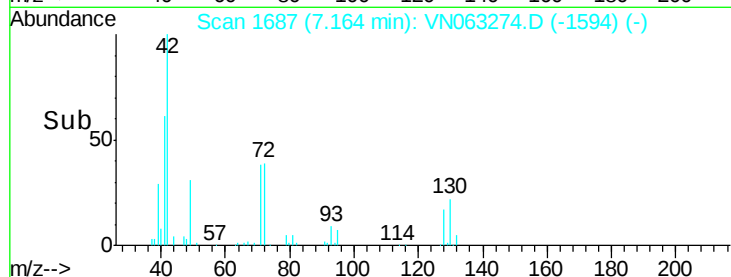
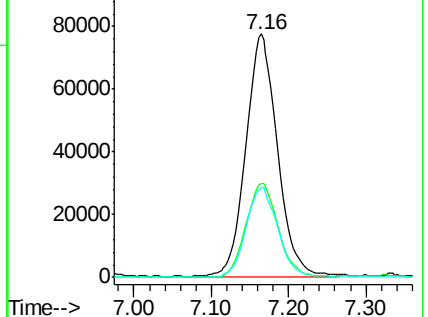
71 37.4 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.983 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063274.D

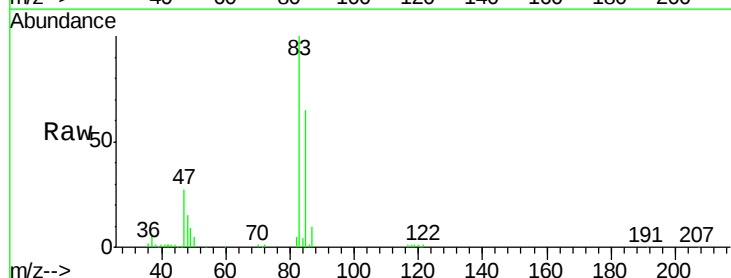
Acq: 9 Sep 2020 11:46

Tgt Ion: 83 Resp: 204501

Ion Ratio Lower Upper

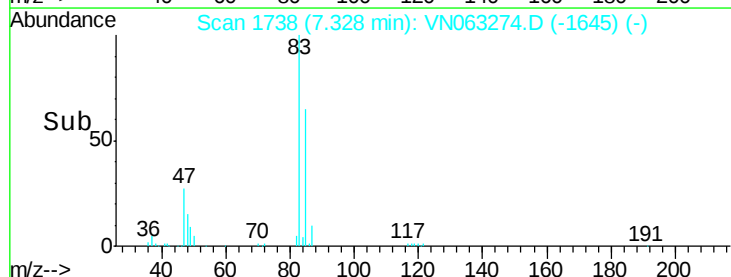
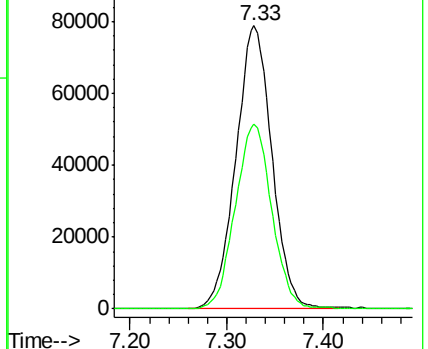
83 100

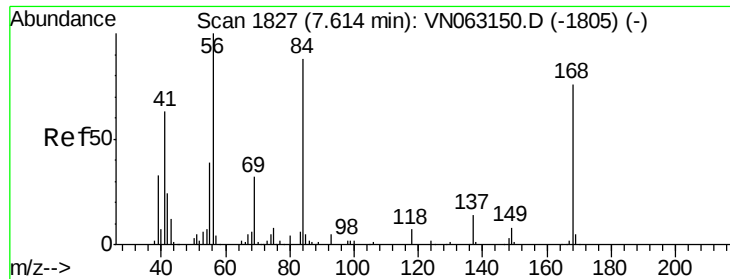
85 64.9 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

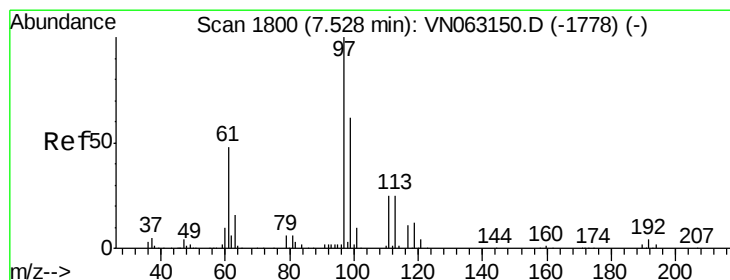
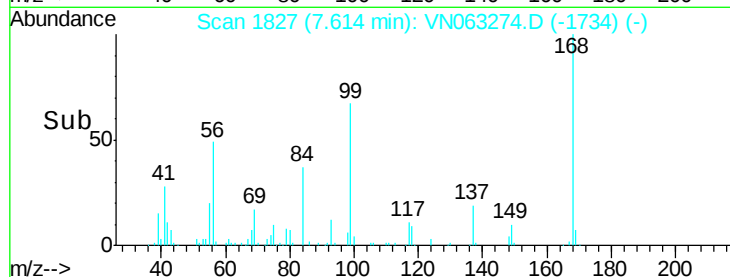
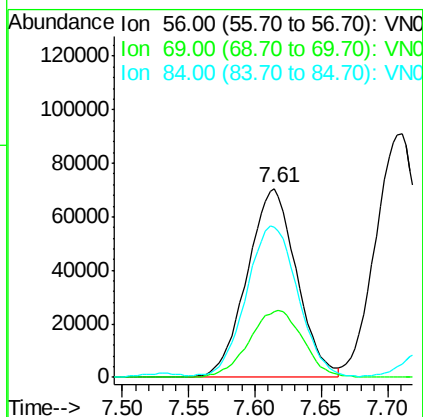
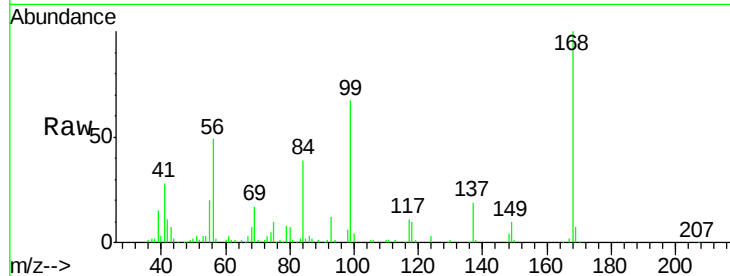




#31
Cyclohexane
Concen: 19.088 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

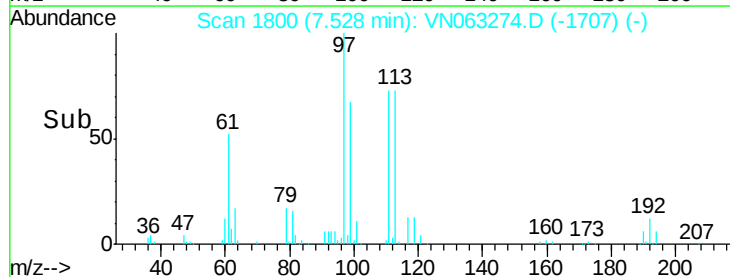
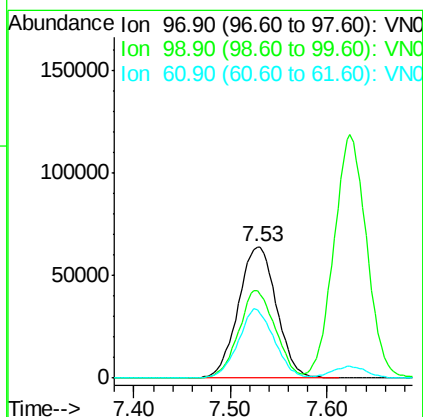
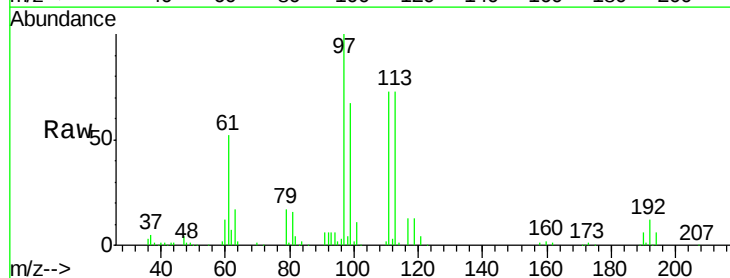
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

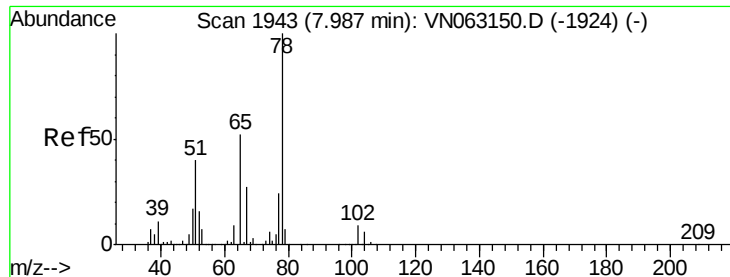
Tgt Ion: 56 Resp: 183040
Ion Ratio Lower Upper
56 100
69 34.7 25.4 38.0
84 78.7 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 19.005 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion: 97 Resp: 176433
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 49.6 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 48.630 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

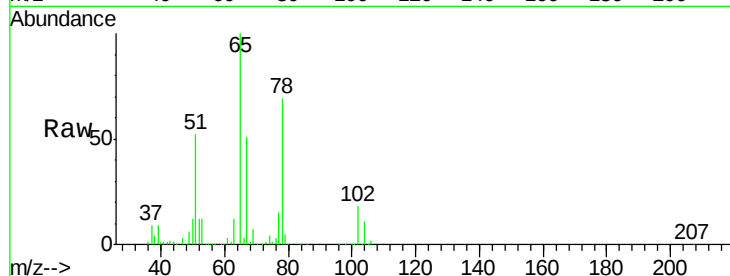
VN0909WBS01

Tgt Ion: 65 Resp: 340056

Ion Ratio Lower Upper

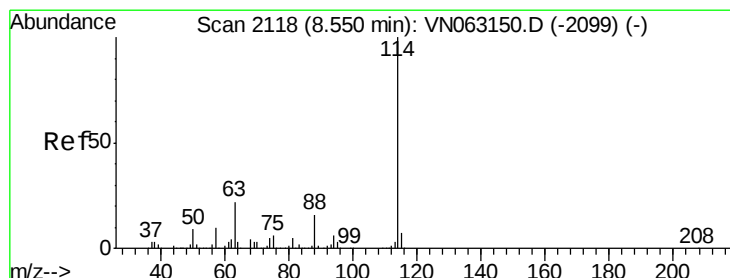
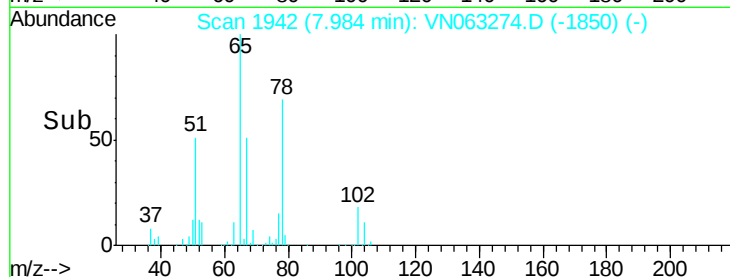
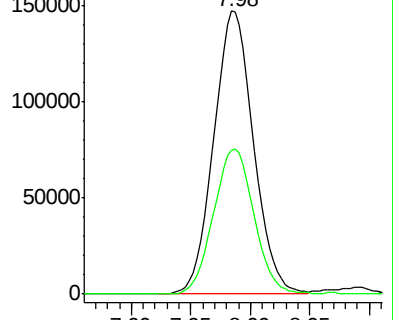
65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063274.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063274.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

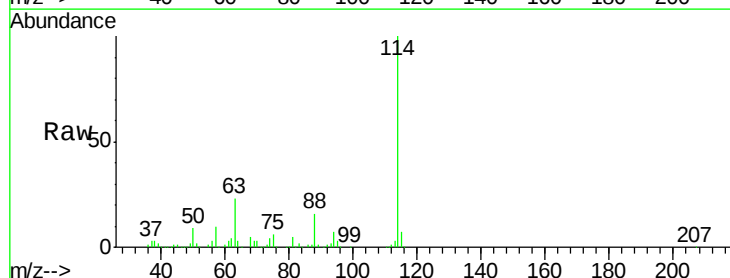
Tgt Ion: 114 Resp: 759540

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.0

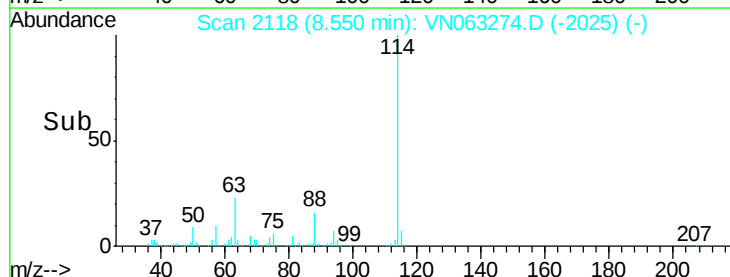
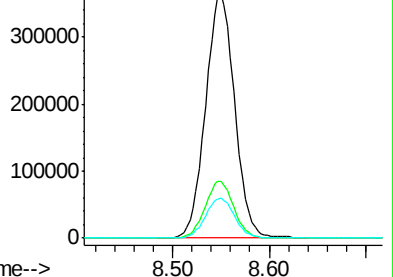
88 16.3 0.0 31.6

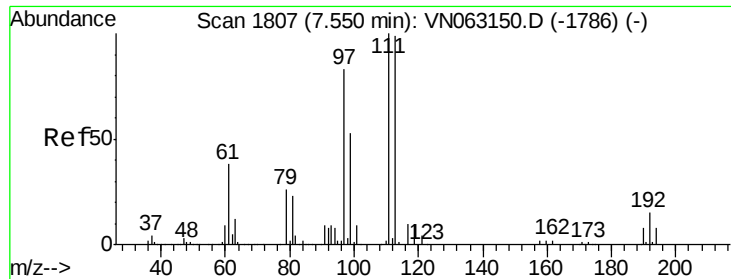


Abundance Ion 113.90 (113.60 to 114.60): VN063274.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN063274.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN063274.D (-2099) (-)

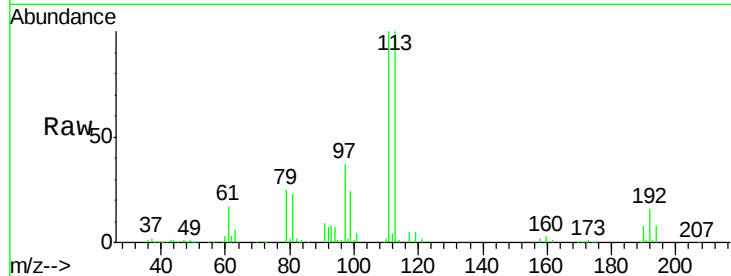




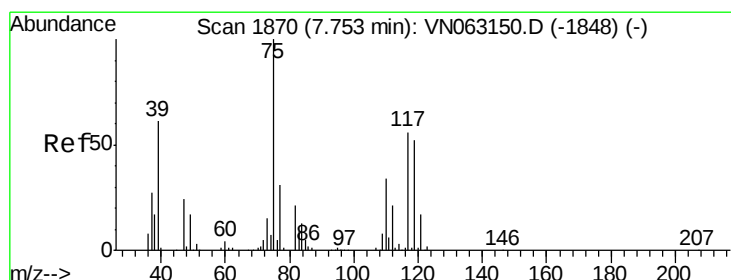
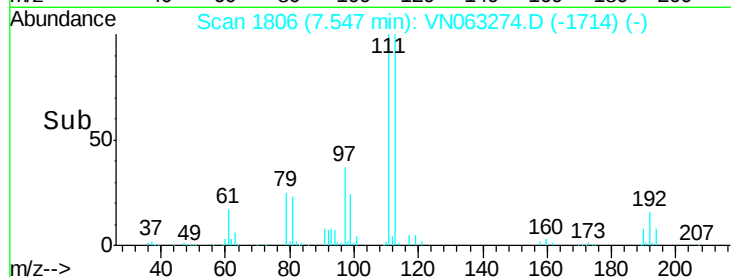
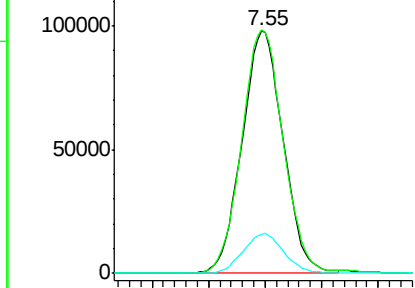
#35
 Dibromofluoromethane
 Concen: 50.745 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Instrument :
 MSVOA_N
 ClientSampled :
 VN0909WBS01

Tgt Ion:113 Resp: 247272
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 16.2 12.6 19.0

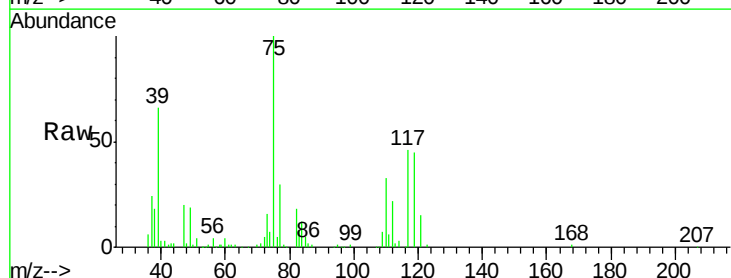


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

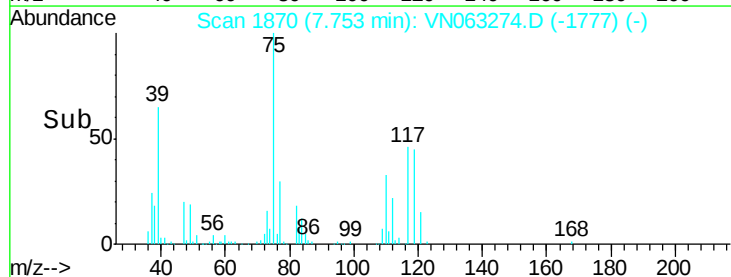
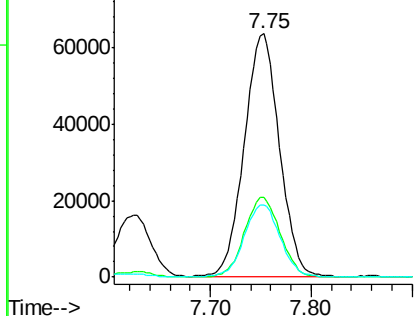


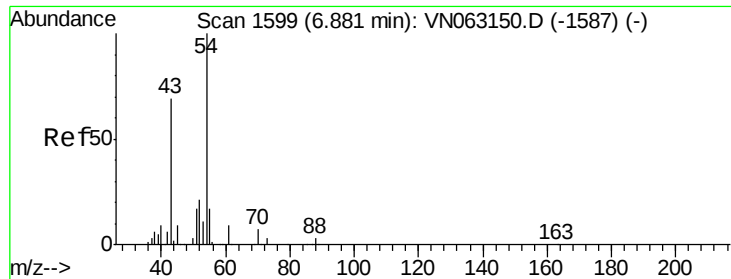
#36
 1,1-Dichloropropene
 Concen: 21.017 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion: 75 Resp: 153461
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.6 49.8
 77 30.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

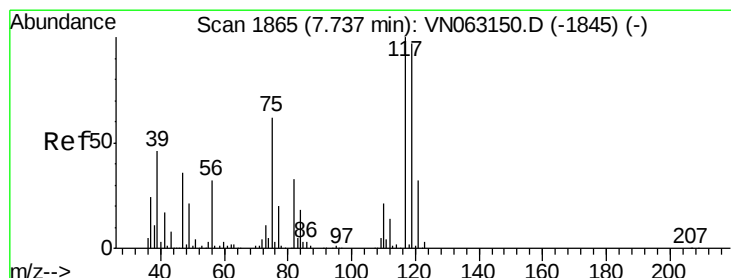
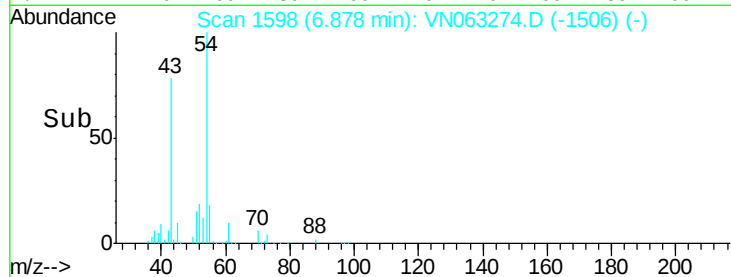
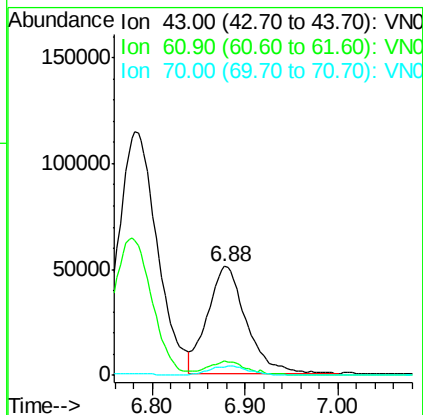
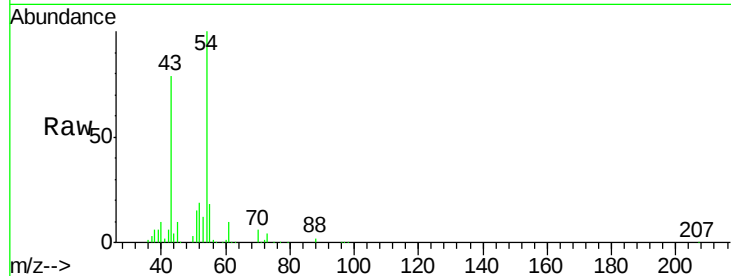




#37
Ethyl Acetate
 Concen: 21.636 ug/l
 RT: 6.88 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

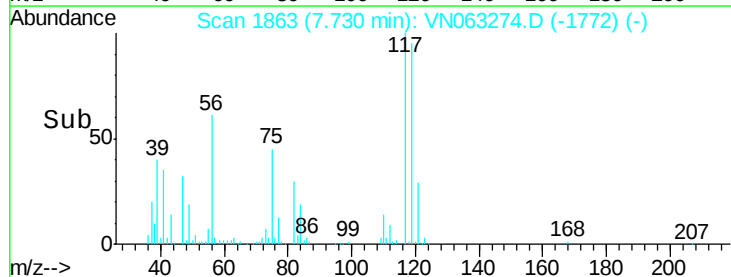
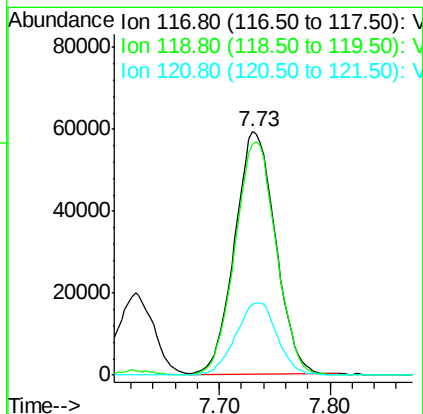
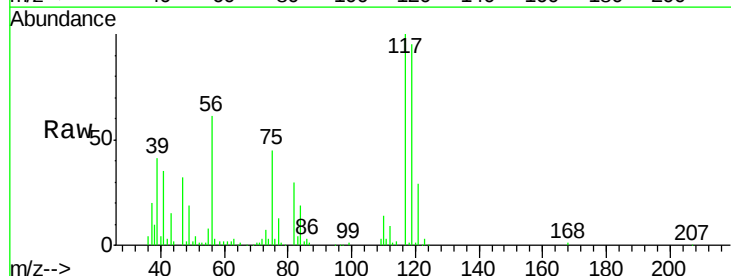
Instrument :
 MSVOA_N
 ClientSampled :
 VN0909WBS01

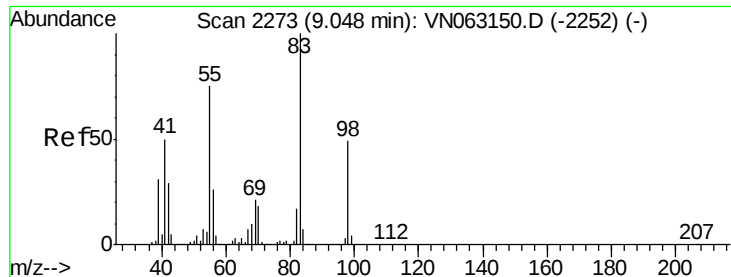
Tgt Ion: 43 Resp: 147675
 Ion Ratio Lower Upper
 43 100
 61 11.7 10.2 15.4
 70 9.1 3.0 4.6#



#38
Carbon Tetrachloride
 Concen: 20.528 ug/l
 RT: 7.73 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion: 117 Resp: 152011
 Ion Ratio Lower Upper
 117 100
 119 95.4 77.2 115.8
 121 29.1 25.6 38.4

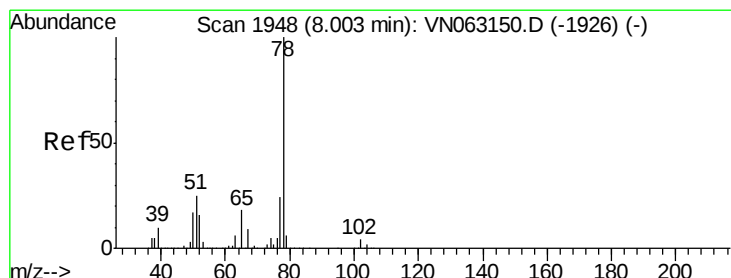
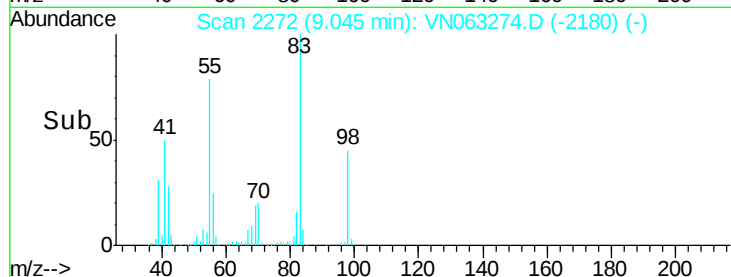
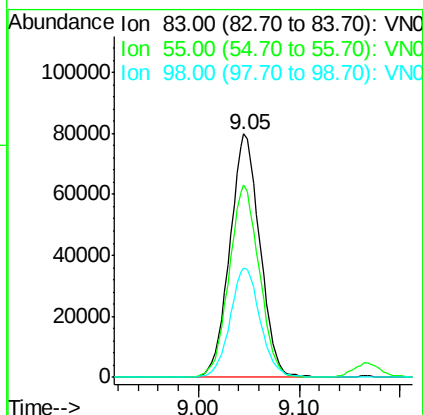
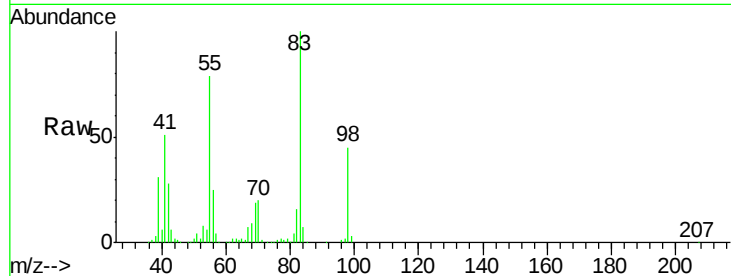




#39
Methylcyclohexane
Concen: 20.186 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

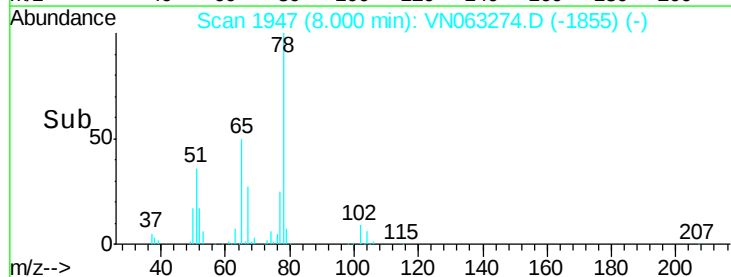
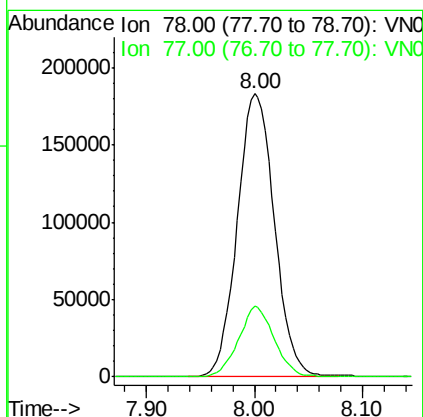
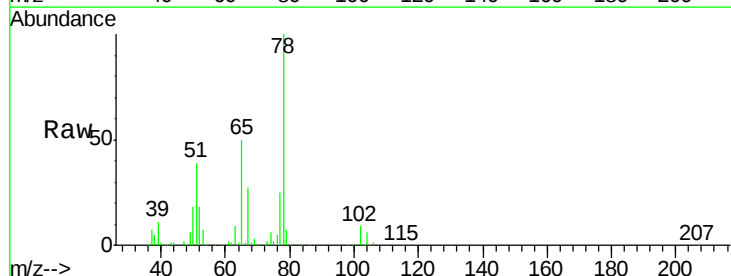
Instrument :
MSVOA_N
ClientSampled :
VN0909WBS01

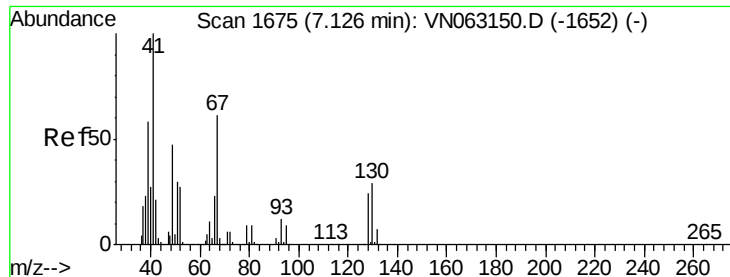
Tgt Ion: 83 Resp: 165587
Ion Ratio Lower Upper
83 100
55 79.2 60.3 90.5
98 44.9 38.9 58.3



#40
Benzene
Concen: 20.432 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion: 78 Resp: 438415
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9





#41

Methacrylonitrile

Concen: 67.883 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.04 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion: 41 Resp: 208815

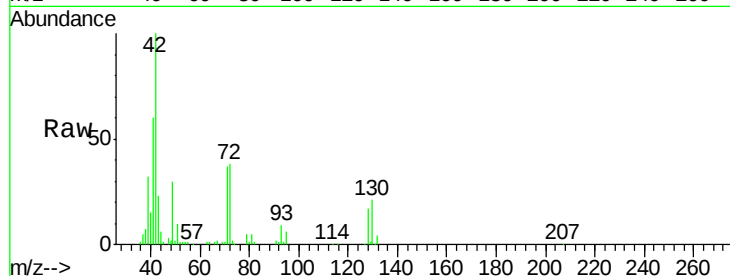
Ion Ratio Lower Upper

41 100

39 0.0 46.6 70.0#

67 0.0 62.6 94.0#

52 0.0 28.0 42.0#

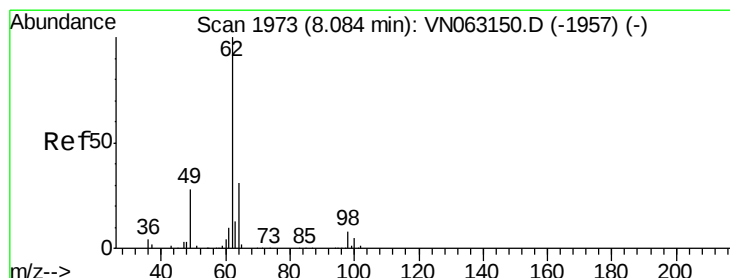
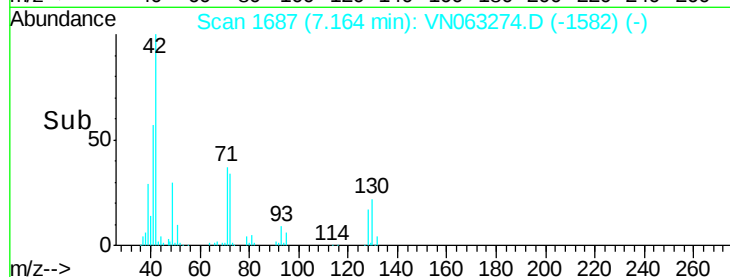
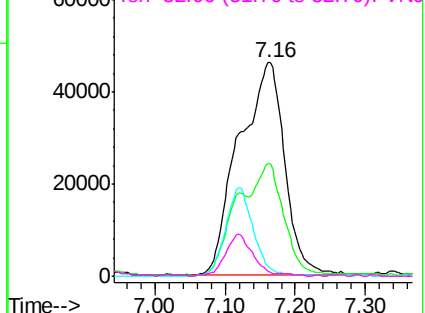


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 20.965 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VN063274.D

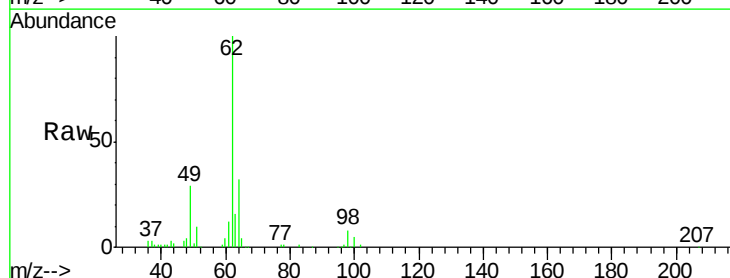
Acq: 9 Sep 2020 11:46

Tgt Ion: 62 Resp: 168039

Ion Ratio Lower Upper

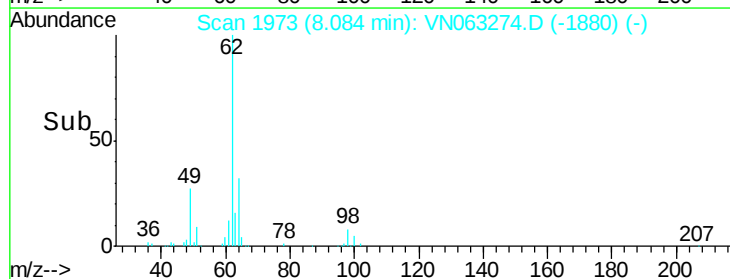
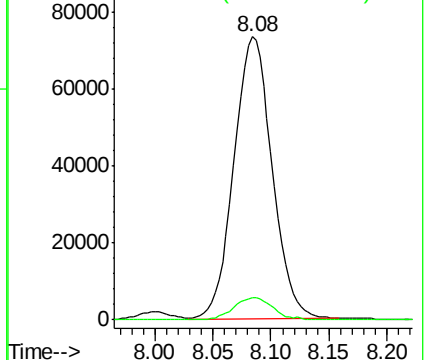
62 100

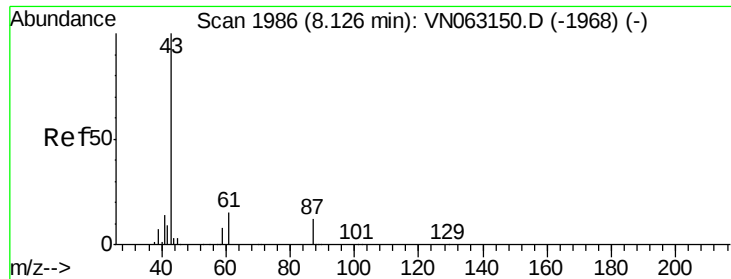
98 8.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

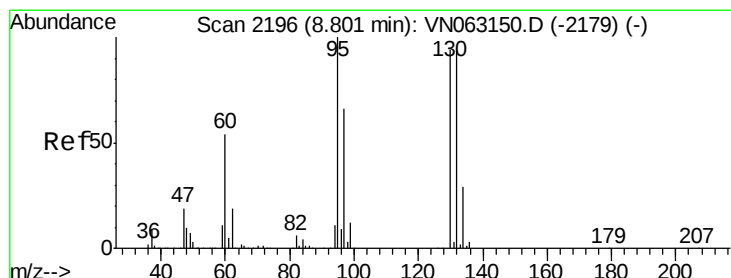
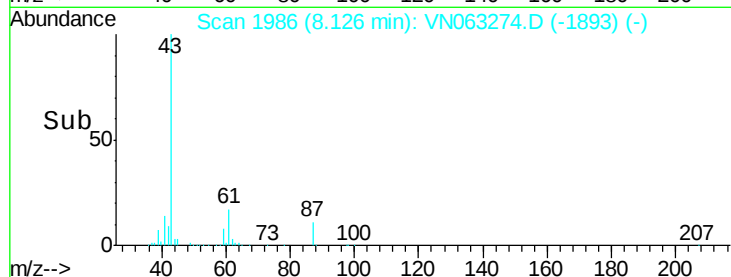
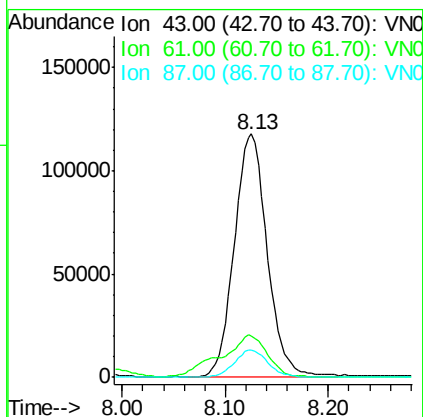
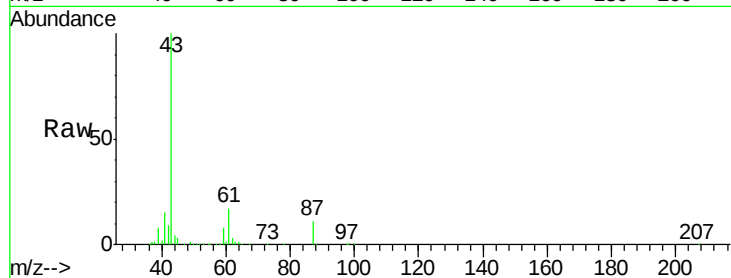




#43
Isopropyl Acetate
Concen: 21.799 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

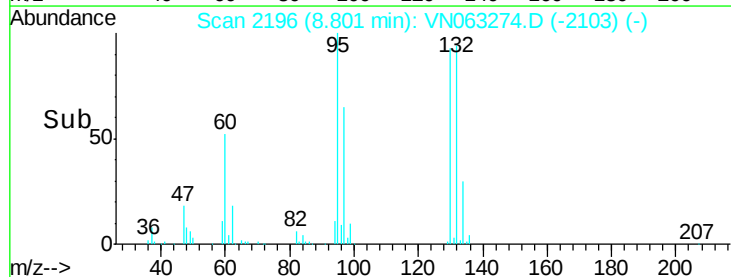
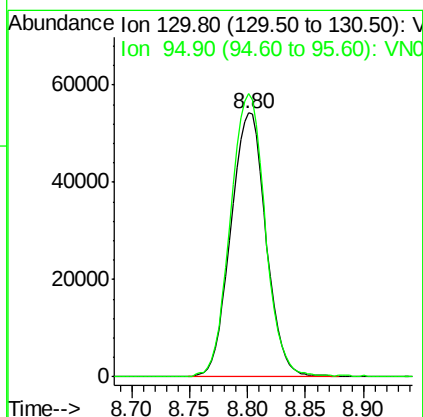
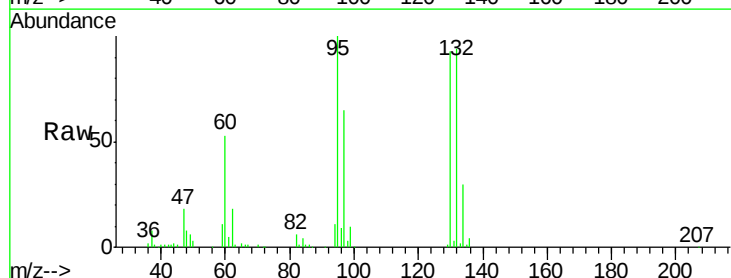
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

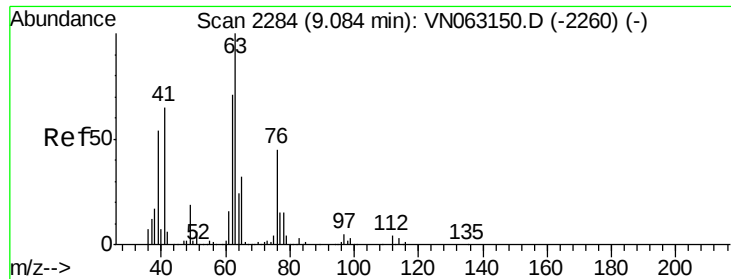
Tgt Ion: 43 Resp: 259587
Ion Ratio Lower Upper
43 100
61 24.5 20.2 30.4
87 11.6 9.8 14.6



#44
Trichloroethene
Concen: 21.930 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion: 130 Resp: 114139
Ion Ratio Lower Upper
130 100
95 107.4 0.0 212.0

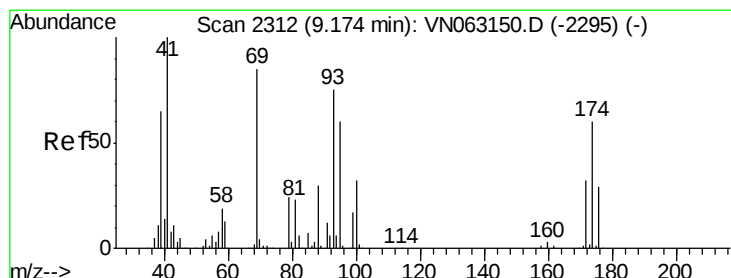
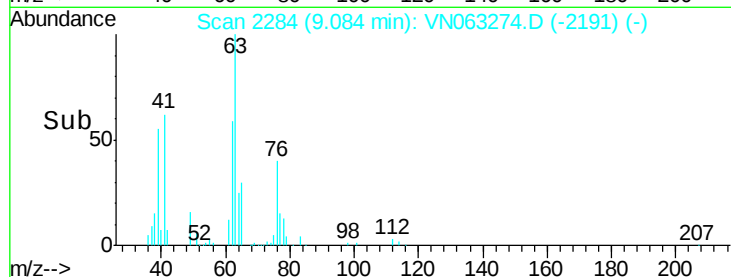
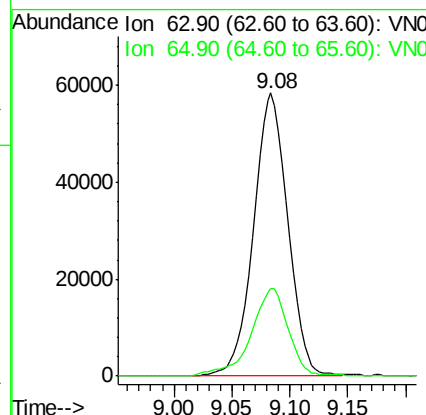
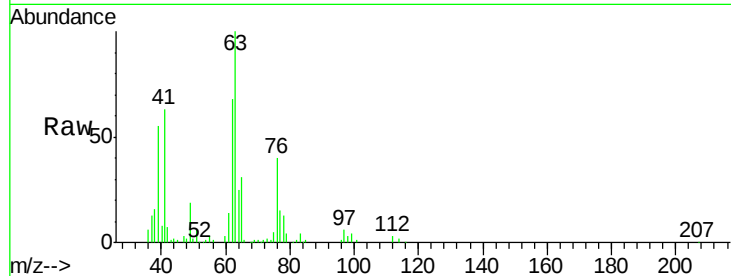




#45
 1,2-Dichloropropane
 Concen: 21.209 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

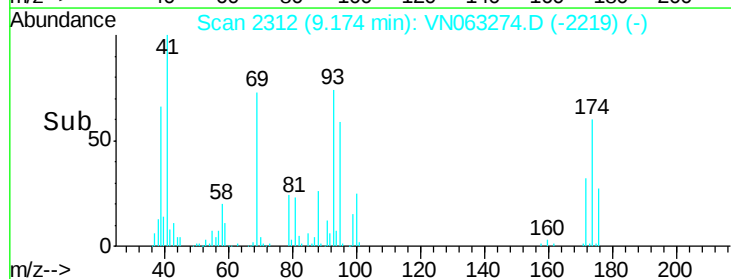
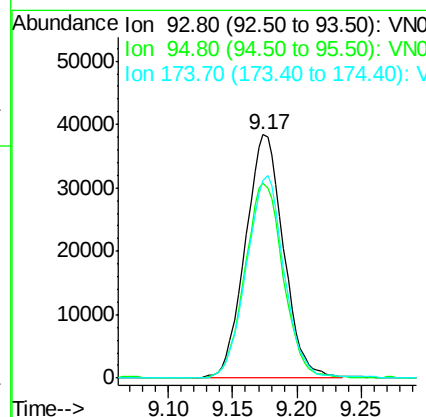
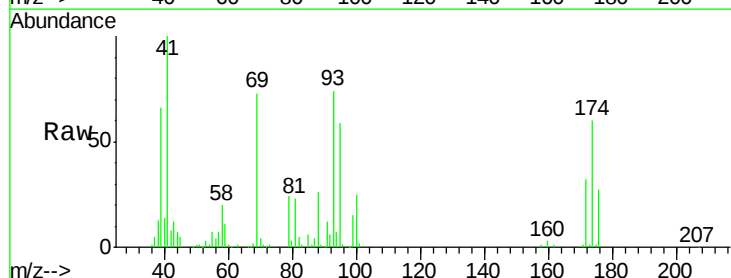
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

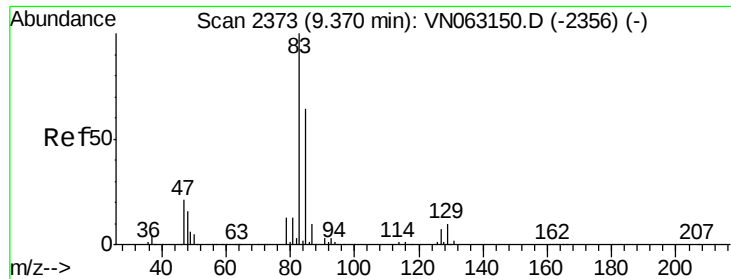
Tgt Ion: 63 Resp: 120493
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.0



#46
 Dibromomethane
 Concen: 21.066 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion: 93 Resp: 79312
 Ion Ratio Lower Upper
 93 100
 95 80.2 65.2 97.8
 174 82.3 64.6 97.0





#47

Bromodichloromethane

Concen: 20.504 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

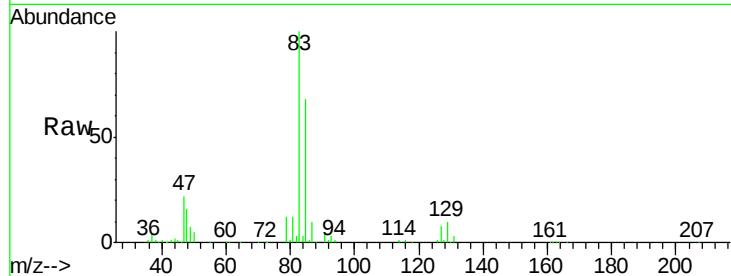
Tgt Ion: 83 Resp: 165466

Ion Ratio Lower Upper

83 100

85 67.7 51.0 76.6

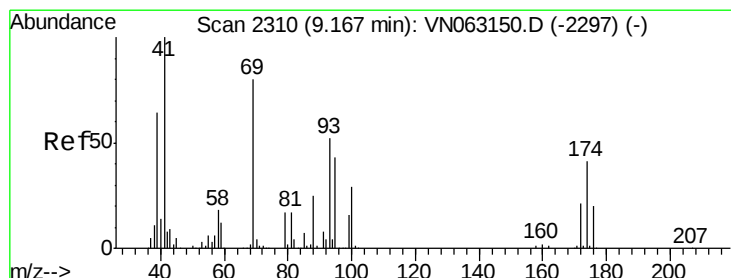
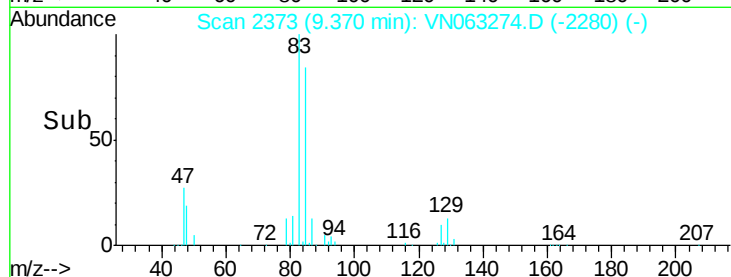
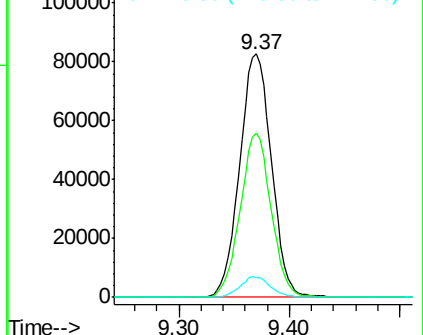
127 8.2 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 22.563 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

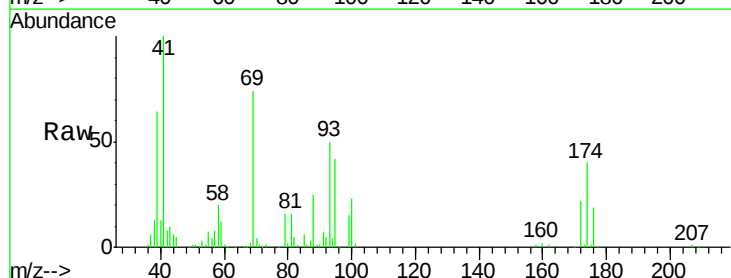
Tgt Ion: 41 Resp: 121125

Ion Ratio Lower Upper

41 100

69 77.3 65.9 98.9

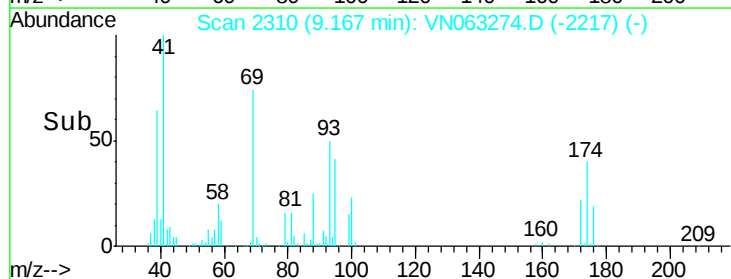
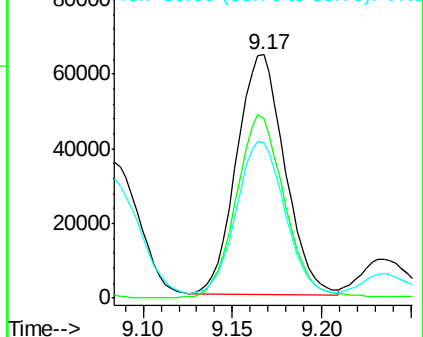
39 66.1 52.0 78.0

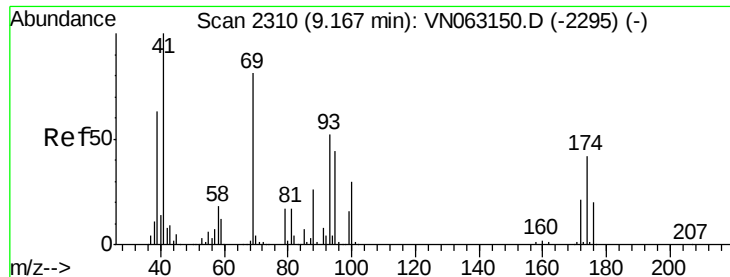


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 418.663 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

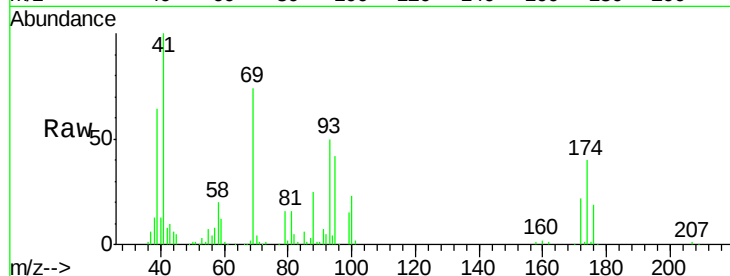
Tgt Ion: 88 Resp: 34762

Ion Ratio Lower Upper

88 100

43 41.5 28.6 42.8

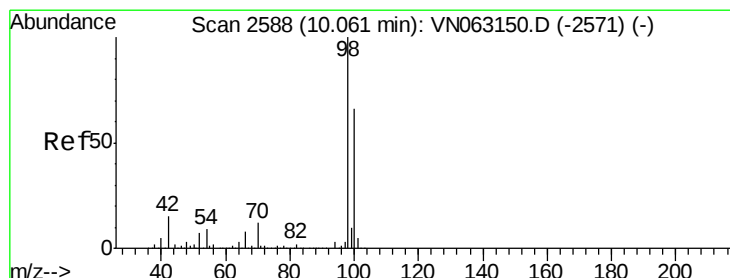
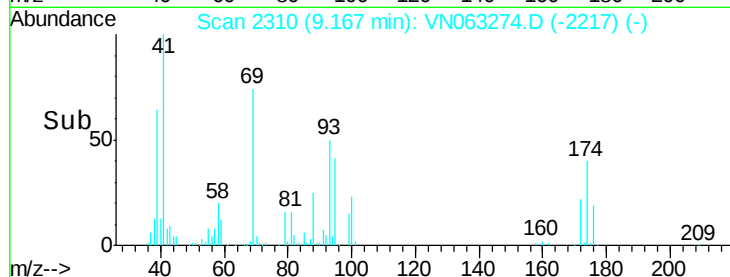
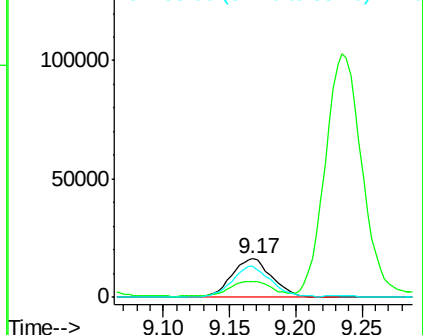
58 76.6 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.187 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063274.D

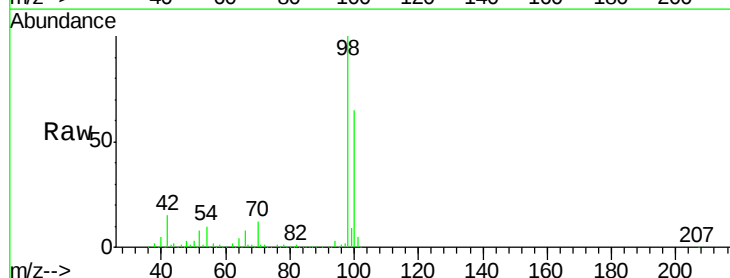
Acq: 9 Sep 2020 11:46

Tgt Ion: 98 Resp: 941285

Ion Ratio Lower Upper

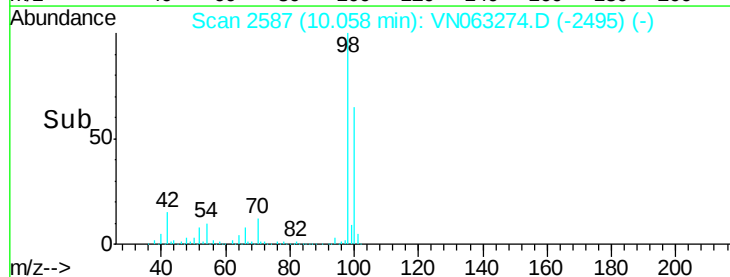
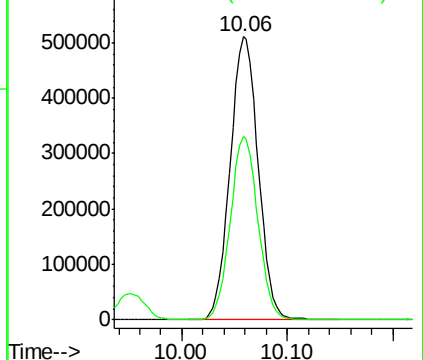
98 100

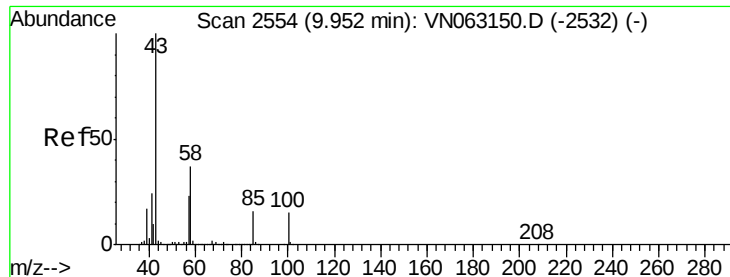
100 63.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

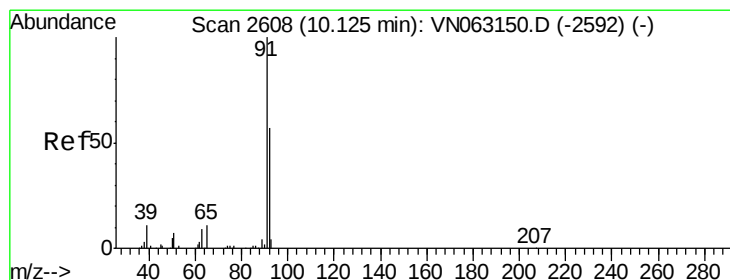
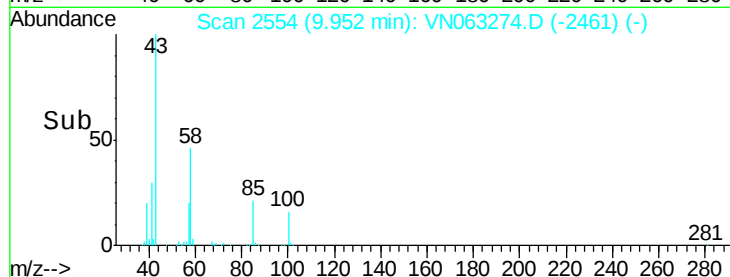
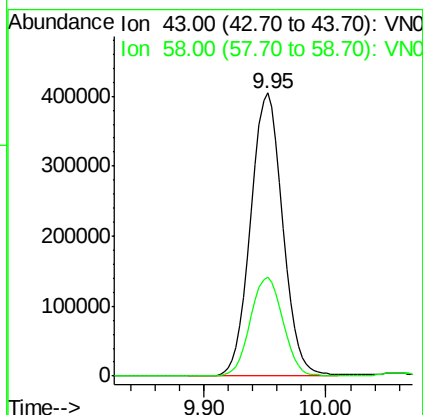
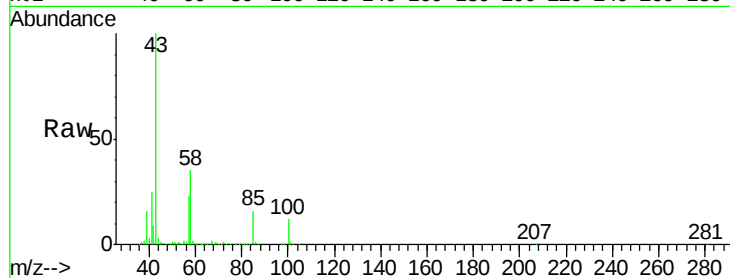




#51
 4-Methyl-2-Pentanone
 Concen: 112.751 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

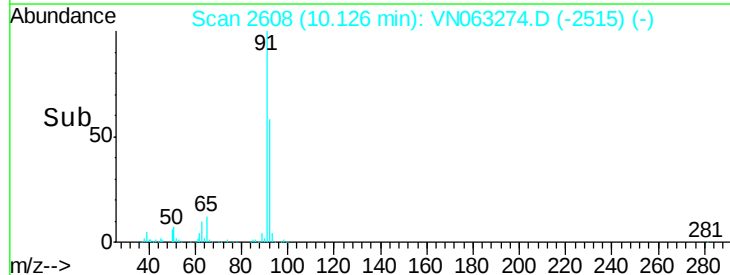
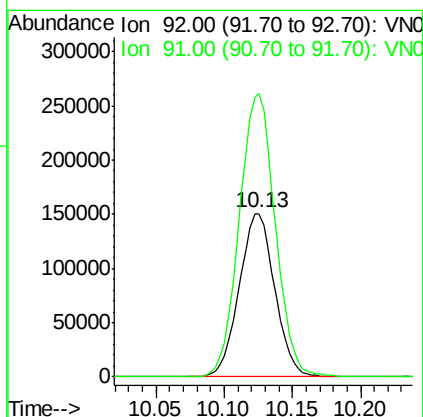
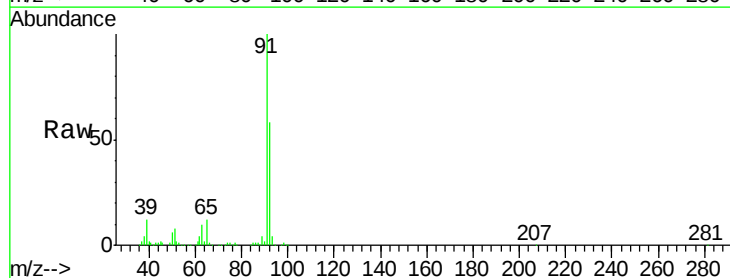
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

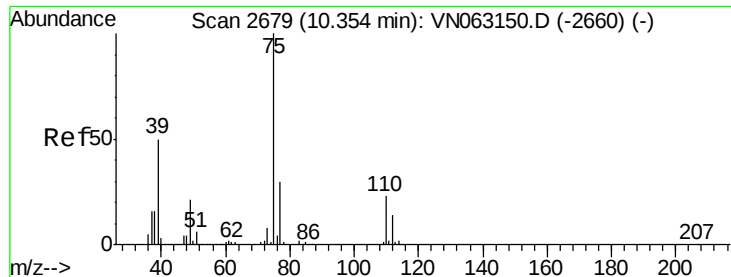
Tgt Ion: 43 Resp: 729613
 Ion Ratio Lower Upper
 43 100
 58 35.8 29.2 43.8



#52
 Toluene
 Concen: 20.382 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion: 92 Resp: 272436
 Ion Ratio Lower Upper
 92 100
 91 175.9 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 19.881 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

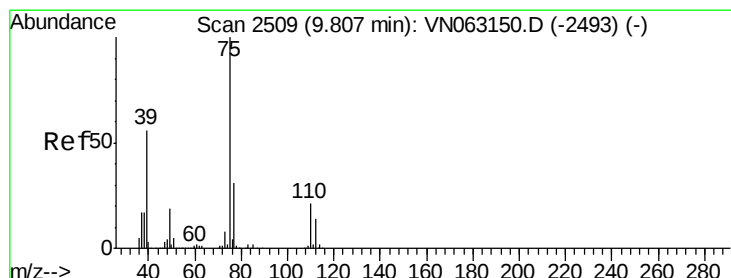
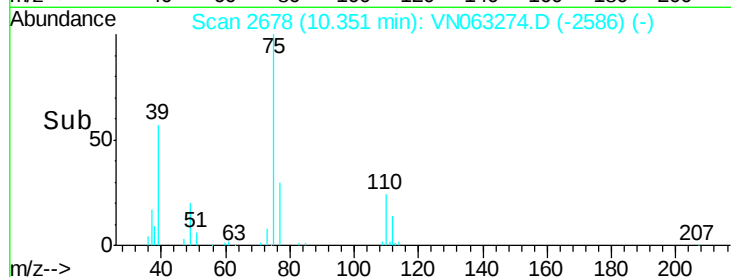
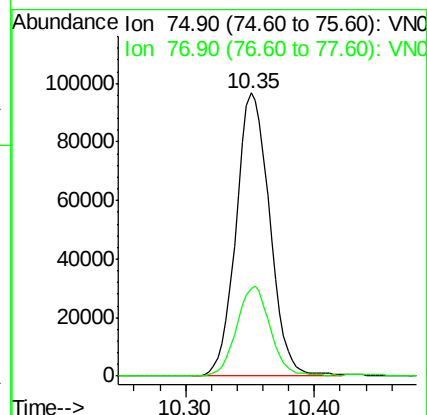
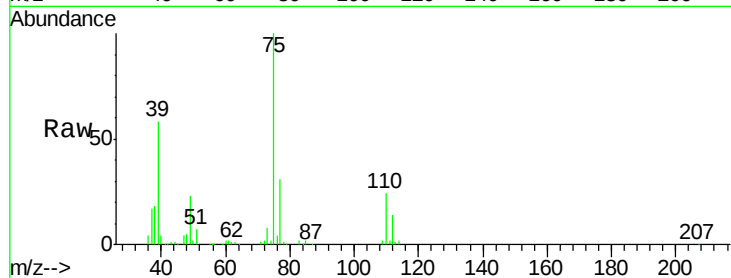
VN0909WBS01

Tgt Ion: 75 Resp: 175492

Ion Ratio Lower Upper

75 100

77 30.6 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 21.057 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

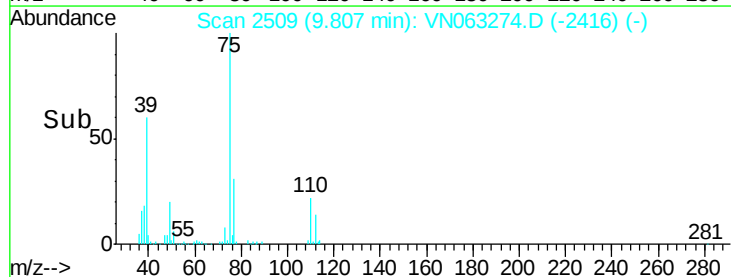
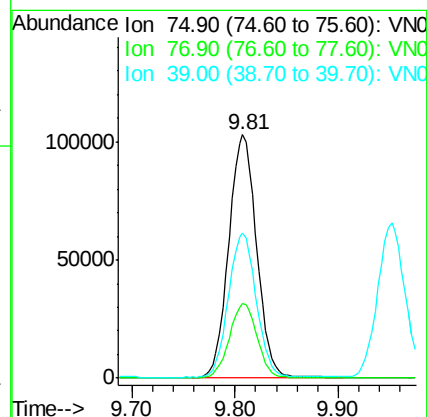
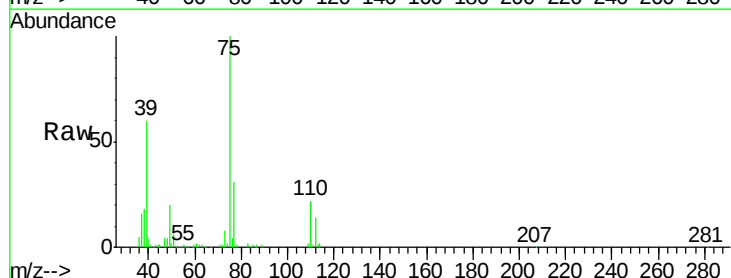
Tgt Ion: 75 Resp: 195110

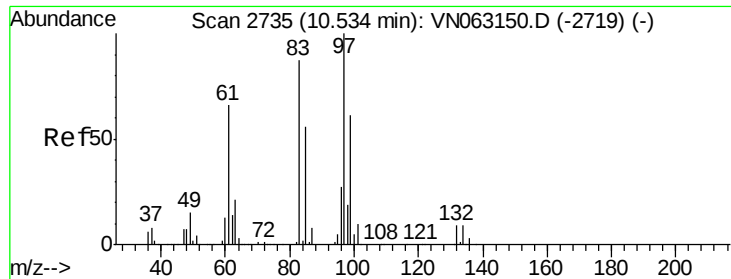
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 59.3 45.0 67.6

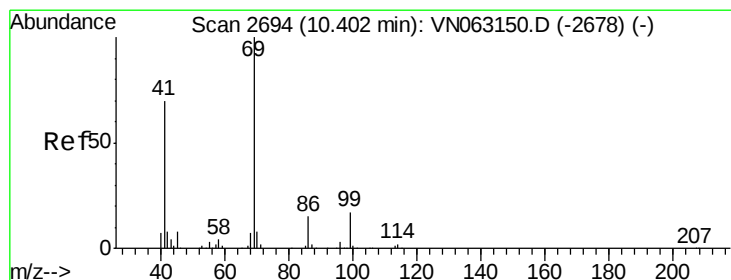
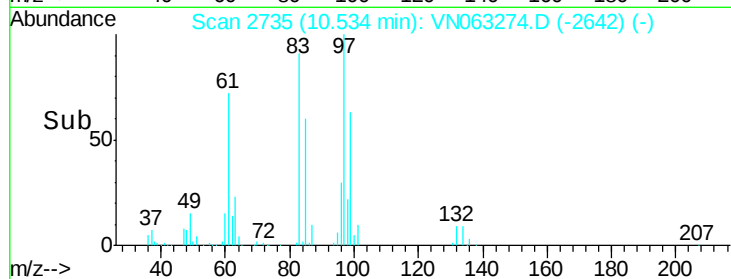
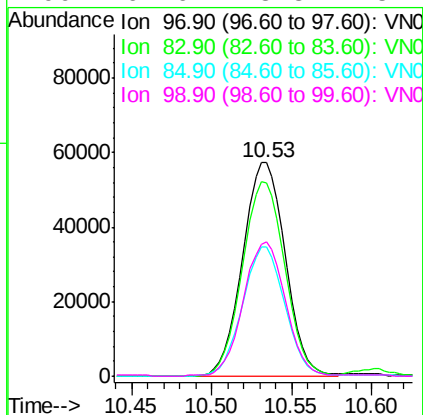
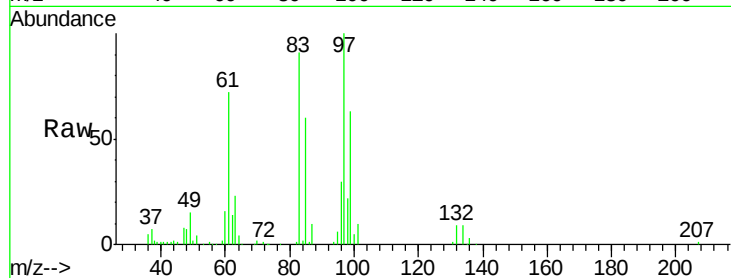




#55
 1,1,2-Trichloroethane
 Concen: 20.411 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

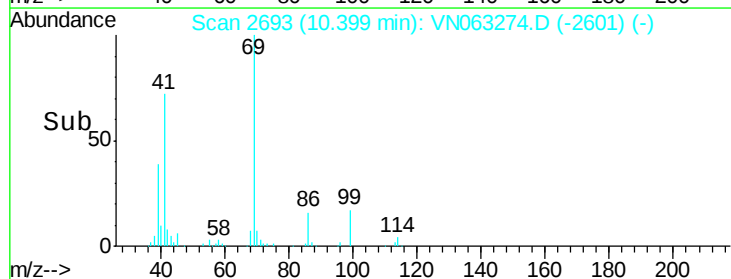
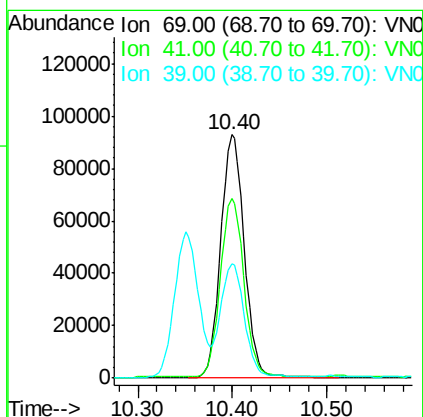
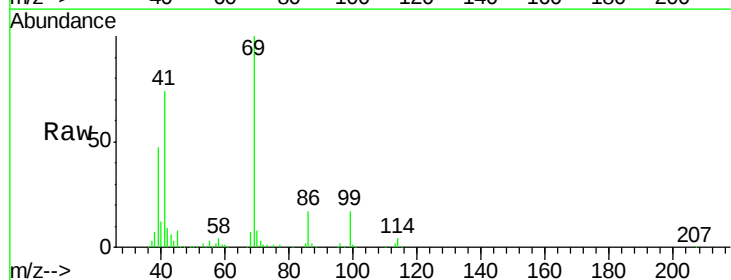
Instrument :
 MSVOA_N
 ClientSampled :
 VN0909WBS01

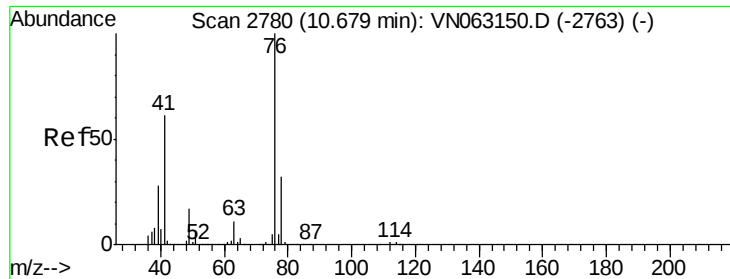
Tgt Ion:	97	Resp:	104485
Ion	Ratio	Lower	Upper
97	100		
83	90.6	69.8	104.8
85	60.4	44.9	67.3
99	62.6	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 20.809 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion:	69	Resp:	162112
Ion	Ratio	Lower	Upper
69	100		
41	72.8	55.5	83.3
39	45.6	38.2	57.2

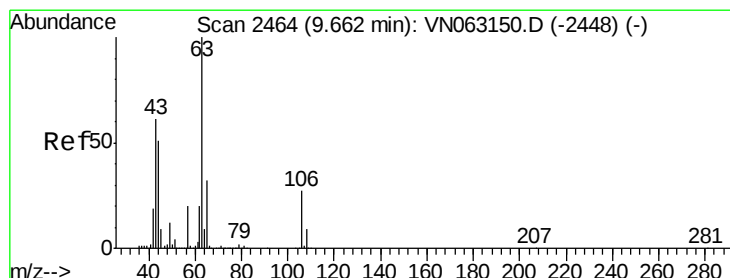
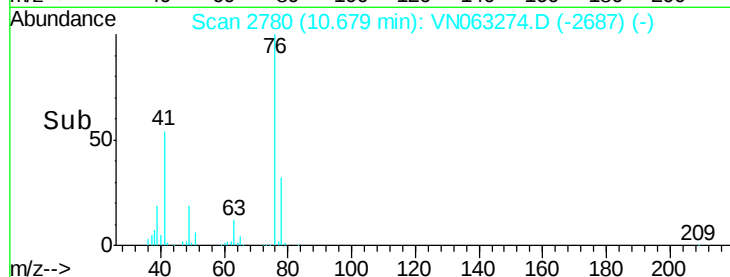
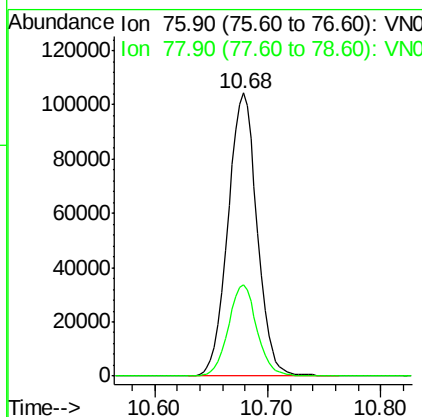
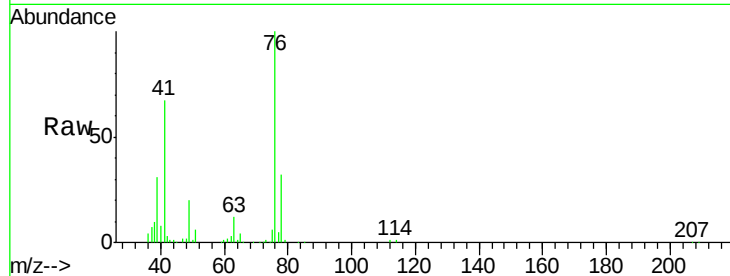




#57
 1,3-Dichloropropane
 Concen: 20.496 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

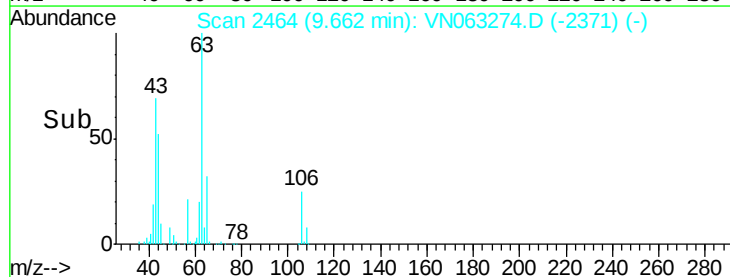
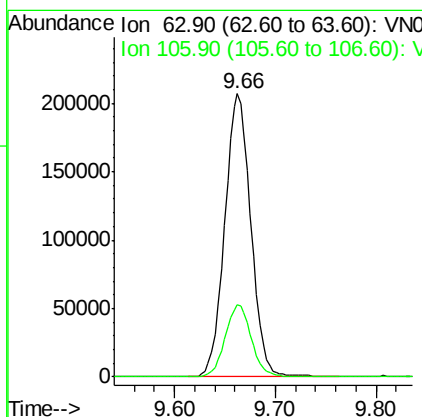
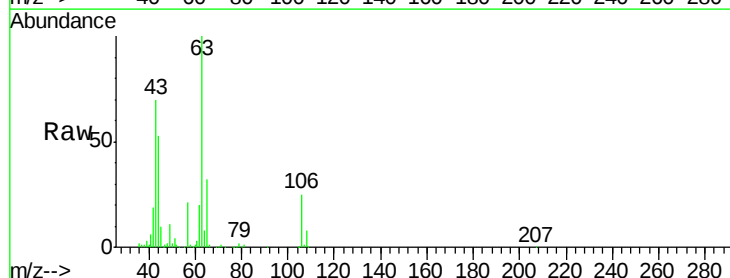
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

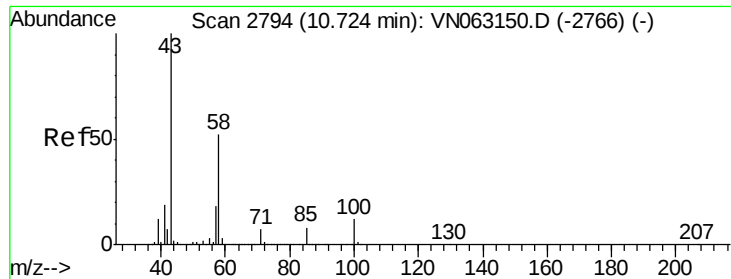
Tgt Ion: 76 Resp: 186913
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.583 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion: 63 Resp: 373493
 Ion Ratio Lower Upper
 63 100
 106 25.4 21.8 32.6

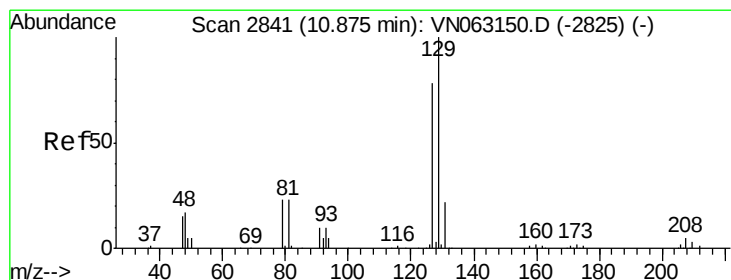
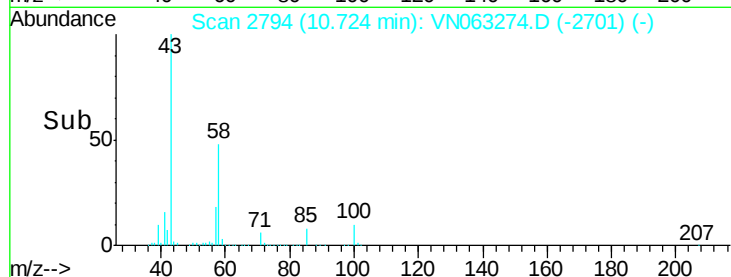
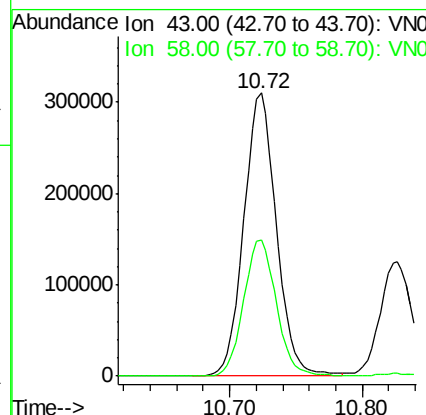
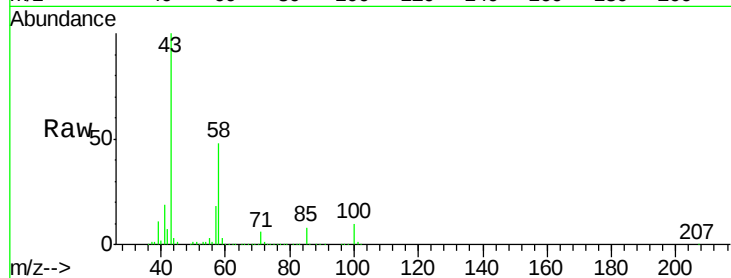




#59
2-Hexanone
Concen: 115.141 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

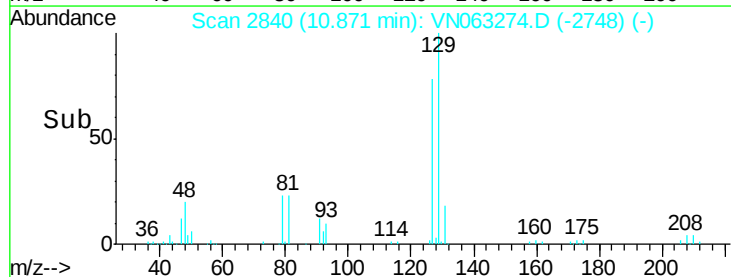
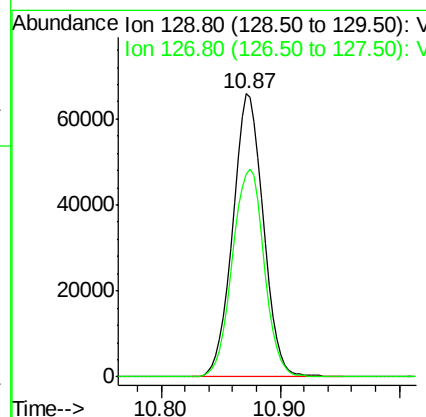
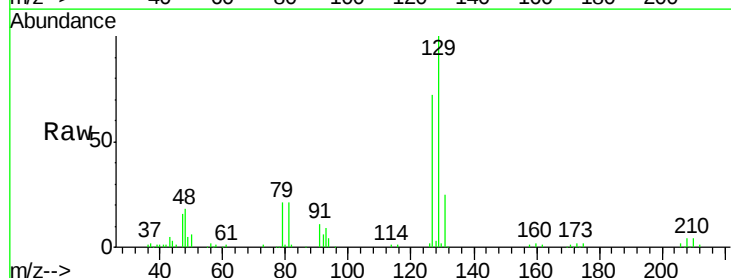
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

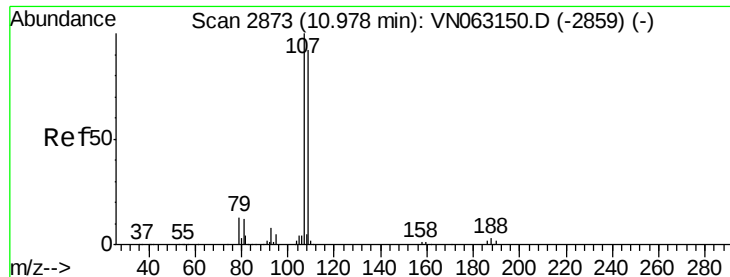
Tgt Ion: 43 Resp: 523632
Ion Ratio Lower Upper
43 100
58 49.0 25.9 77.8



#60
Dibromochloromethane
Concen: 20.737 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion: 129 Resp: 117357
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.073 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

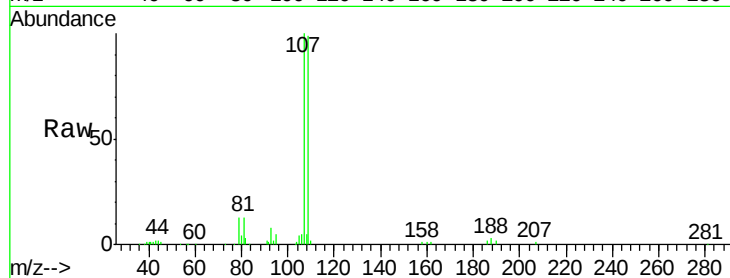
VN0909WBS01

Tgt Ion: 107 Resp: 106818

Ion Ratio Lower Upper

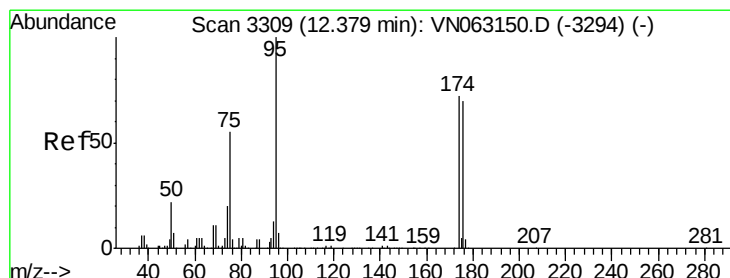
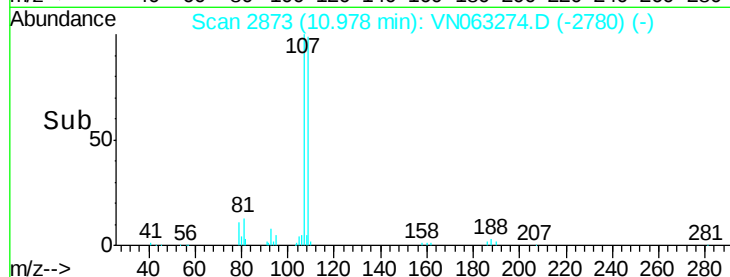
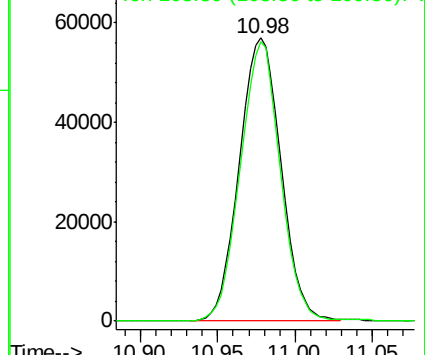
107 100

109 94.6 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.050 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

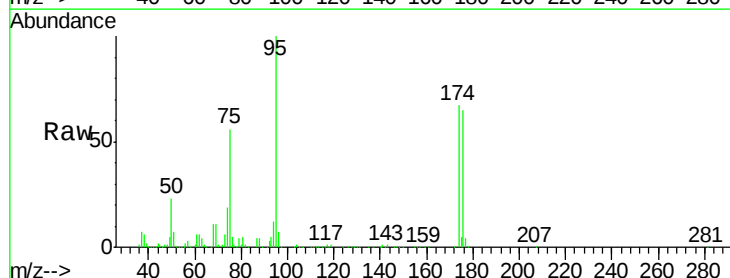
Tgt Ion: 95 Resp: 348052

Ion Ratio Lower Upper

95 100

174 67.4 0.0 143.8

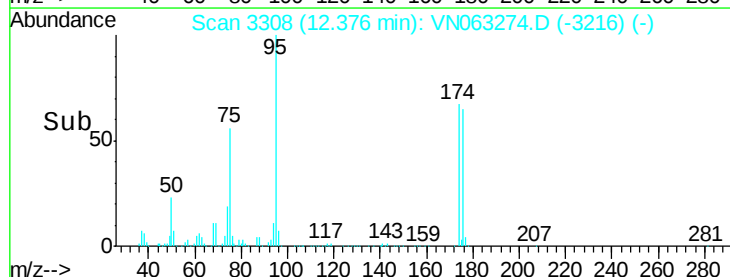
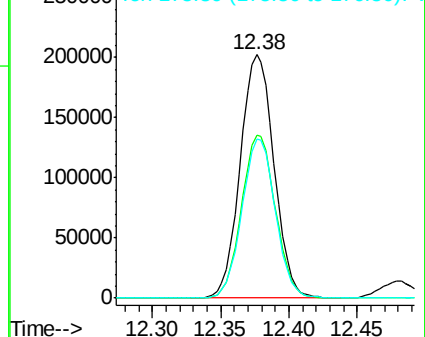
176 64.7 0.0 138.4

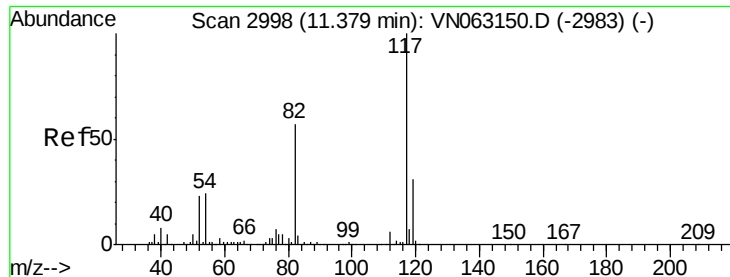


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

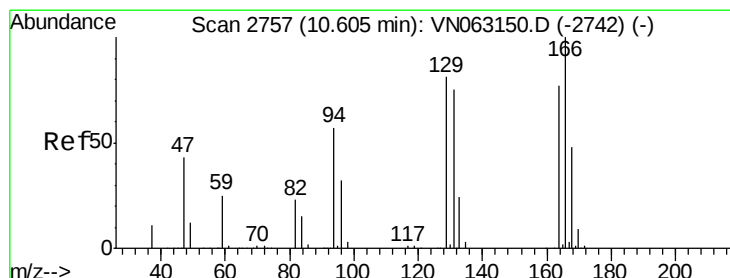
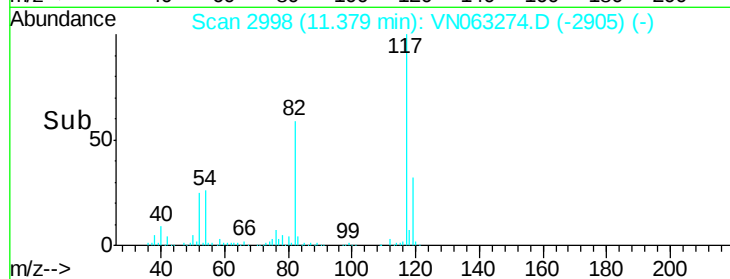
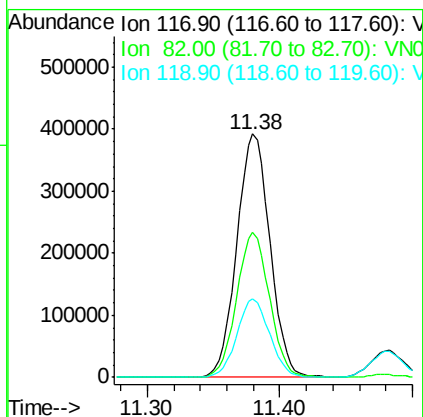
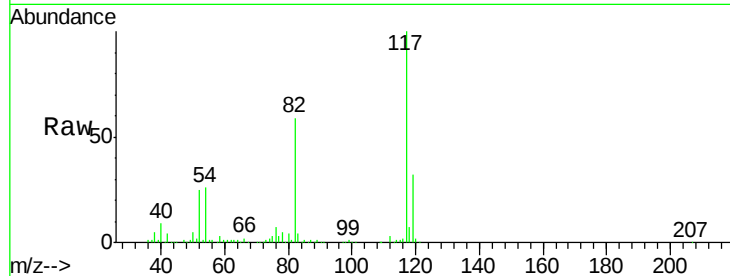




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

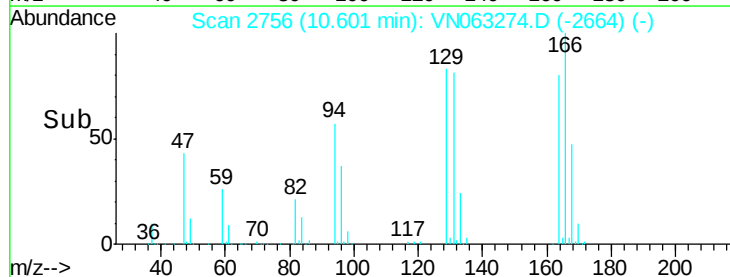
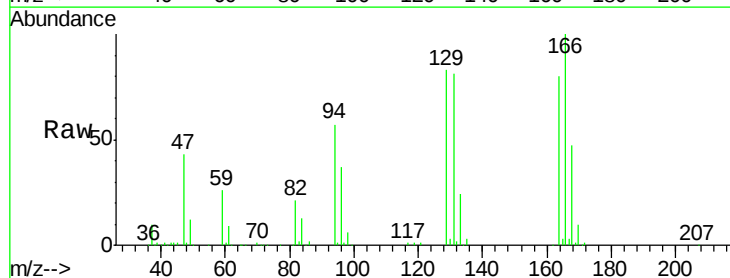
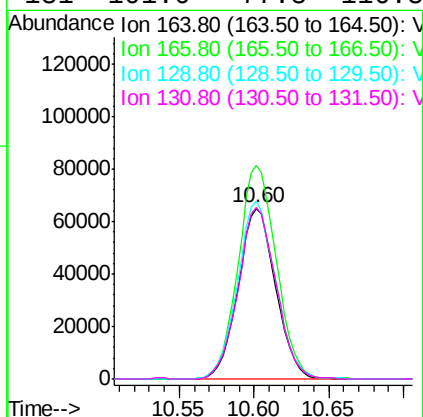
Instrument :
MSVOA_N
ClientSampled :
VN0909WBS01

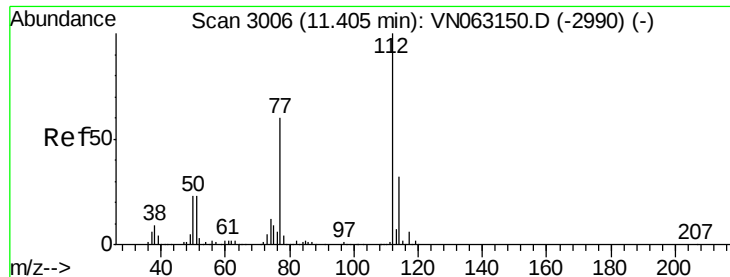
Tgt Ion:117 Resp: 682812
Ion Ratio Lower Upper
117 100
82 59.4 45.4 68.0
119 32.1 24.6 37.0



#64
Tetrachloroethene
Concen: 23.074 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion:164 Resp: 113139
Ion Ratio Lower Upper
164 100
166 125.4 103.4 155.2
129 104.2 83.4 125.0
131 101.0 77.8 116.8

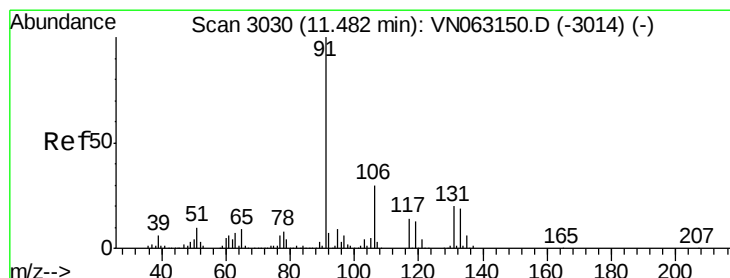
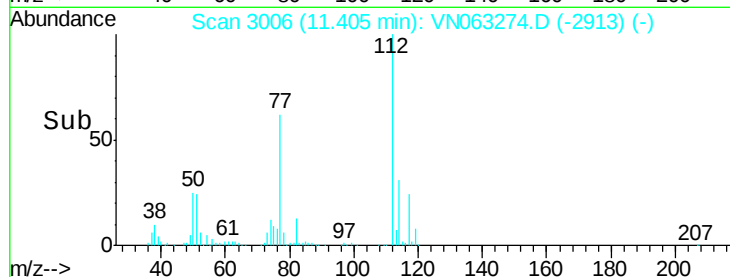
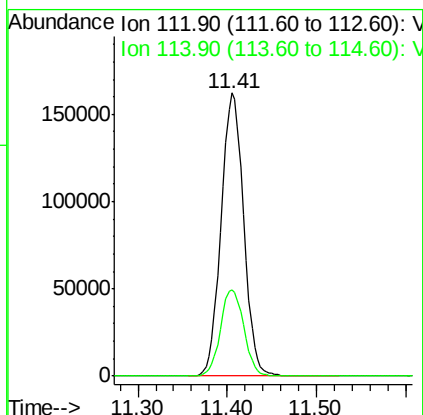
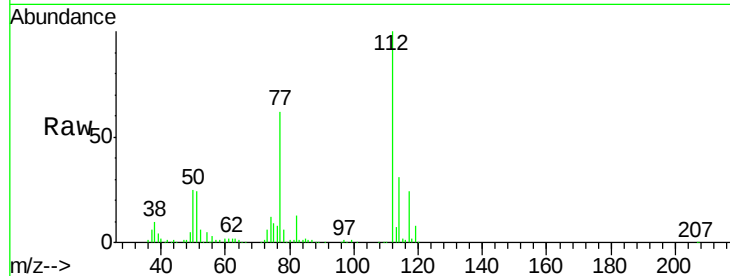




#65
Chlorobenzene
Concen: 20.716 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

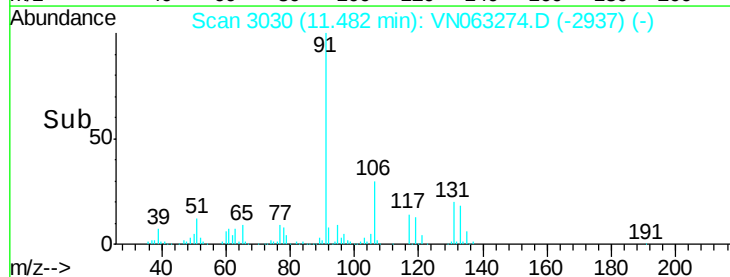
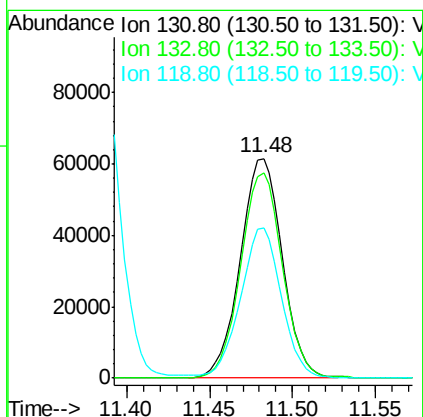
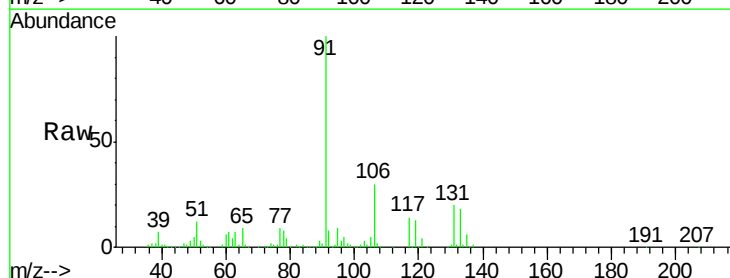
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

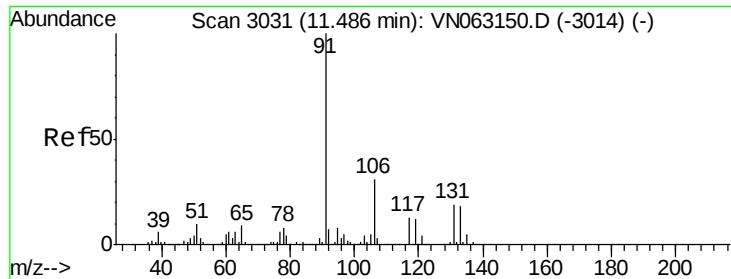
Tgt Ion:112 Resp: 284898
Ion Ratio Lower Upper
112 100
114 30.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.306 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion:131 Resp: 108790
Ion Ratio Lower Upper
131 100
133 93.2 47.3 142.0
119 66.5 32.4 97.0

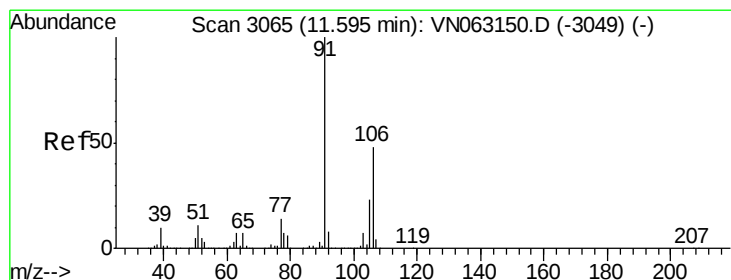
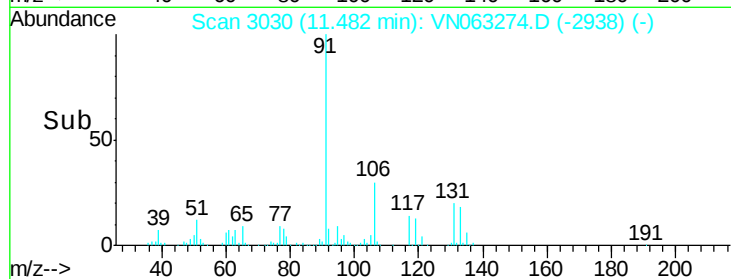
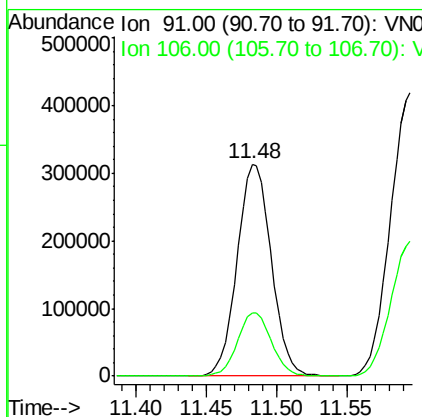
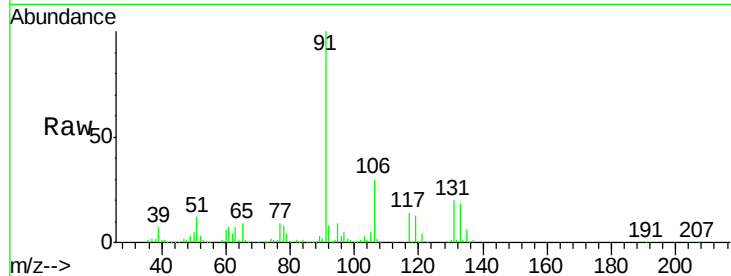




#67
Ethyl Benzene
Concen: 21.254 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

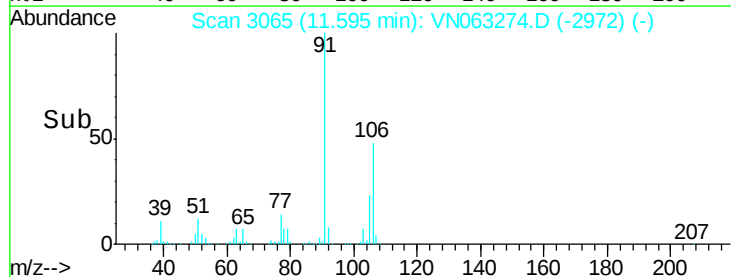
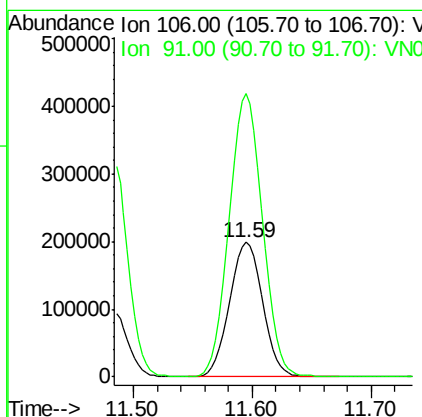
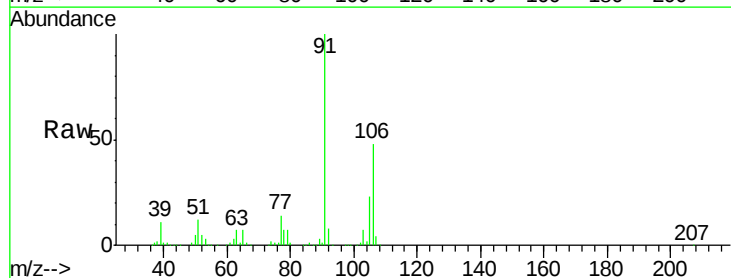
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

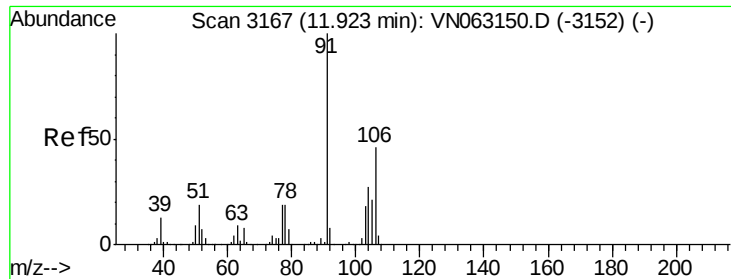
Tgt Ion: 91 Resp: 533231
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 41.298 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion: 106 Resp: 383741
Ion Ratio Lower Upper
106 100
91 211.2 166.7 250.1

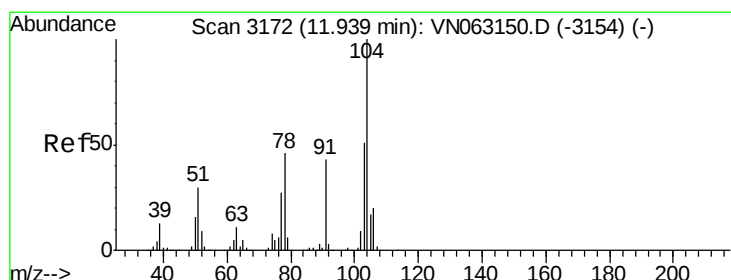
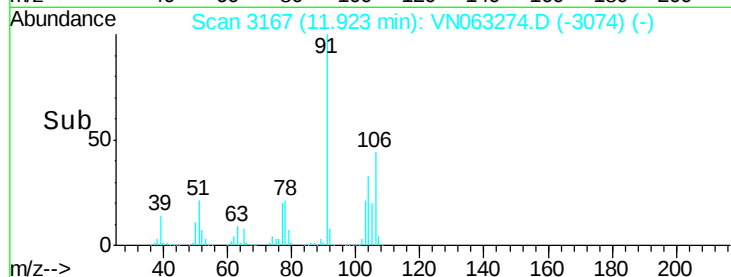
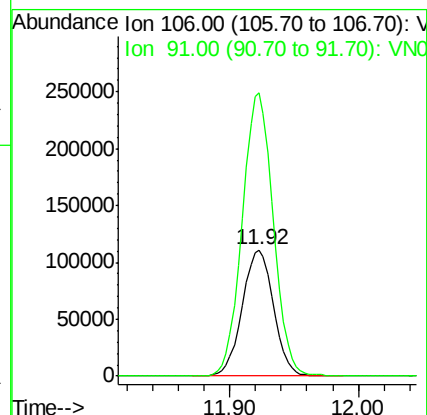
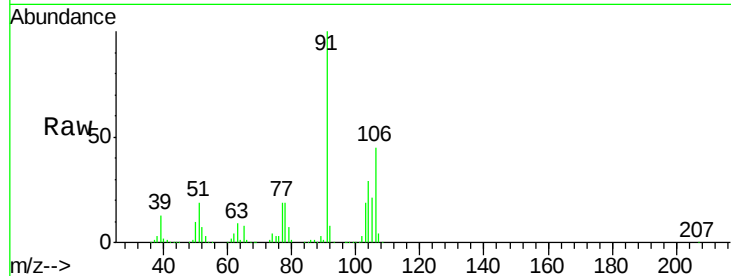




#69
o-Xylene
Concen: 20.878 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

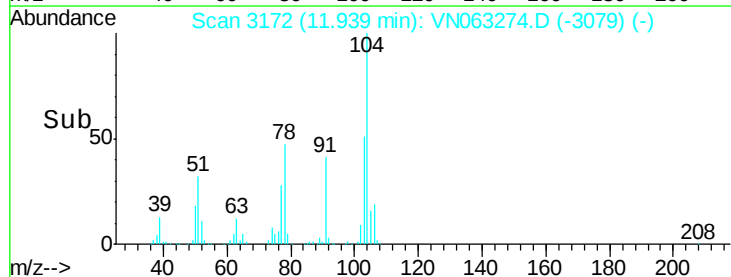
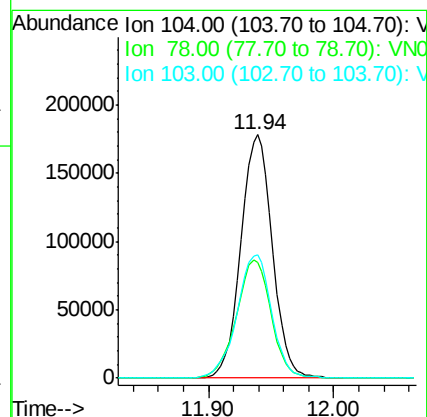
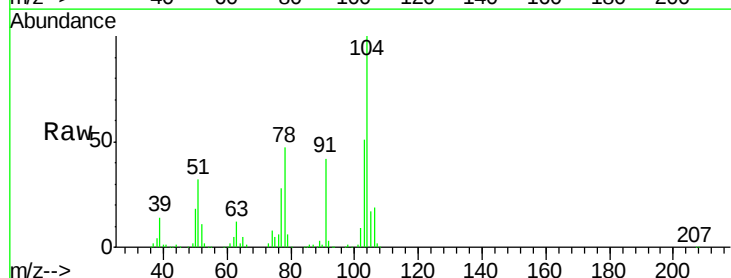
Instrument :
MSVOA_N
ClientSampled :
VN0909WBS01

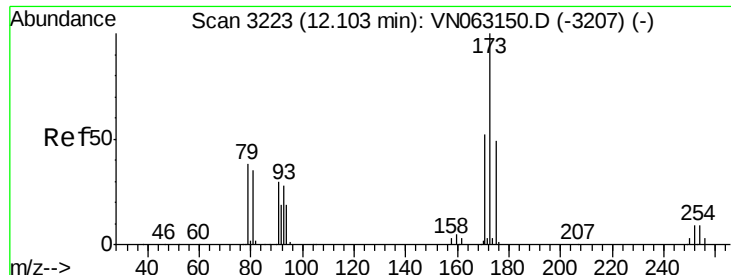
Tgt Ion:106 Resp: 187417
Ion Ratio Lower Upper
106 100
91 222.4 108.6 325.6



#70
Styrene
Concen: 20.210 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion:104 Resp: 311788
Ion Ratio Lower Upper
104 100
78 53.6 41.0 61.6
103 55.9 43.8 65.8





#71

Bromoform

Concen: 21.119 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

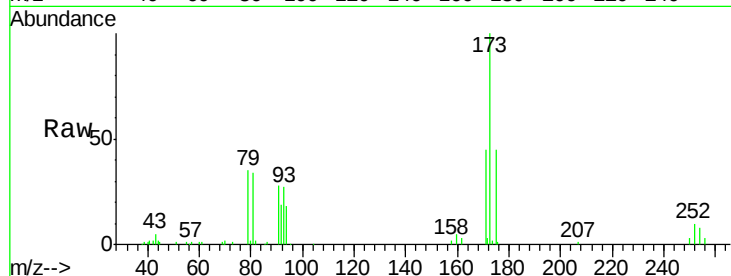
Tgt Ion:173 Resp: 73181

Ion Ratio Lower Upper

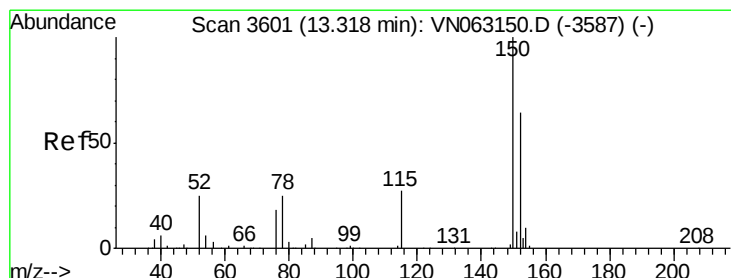
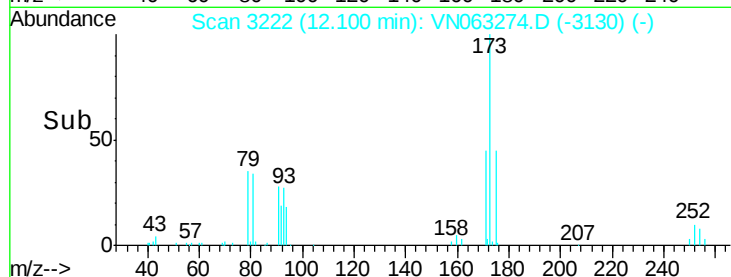
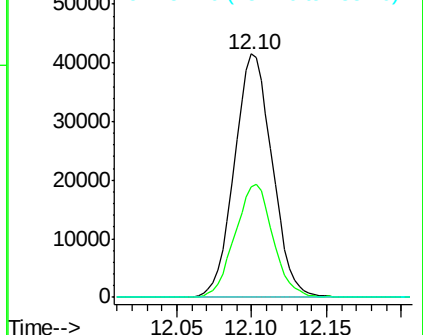
173 100

175 46.5 24.6 73.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

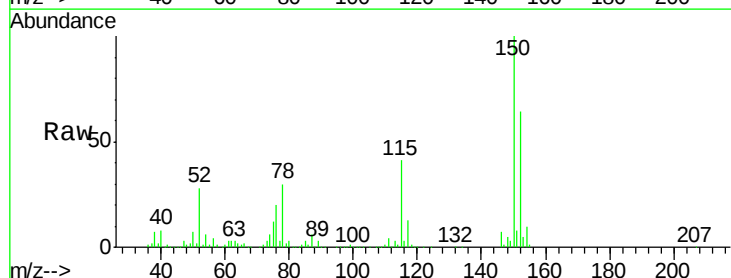
Tgt Ion:152 Resp: 311840

Ion Ratio Lower Upper

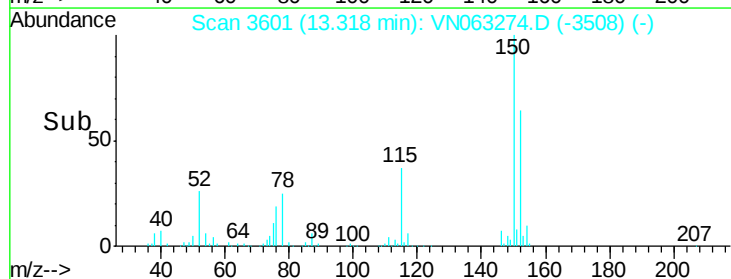
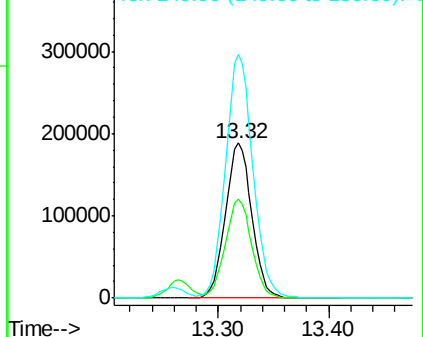
152 100

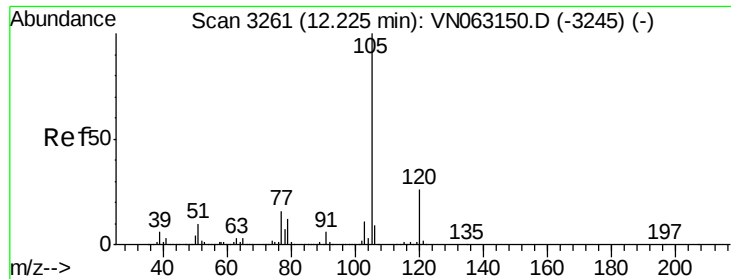
115 63.9 32.0 96.2

150 163.6 0.0 353.0



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: 20.817 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

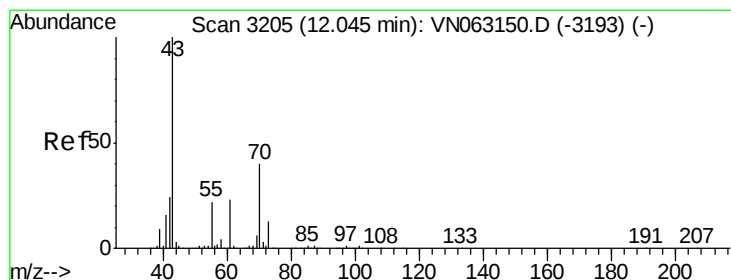
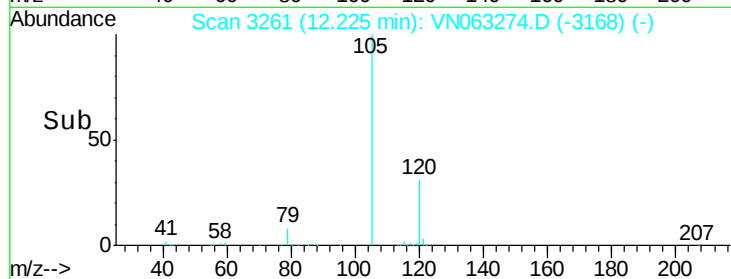
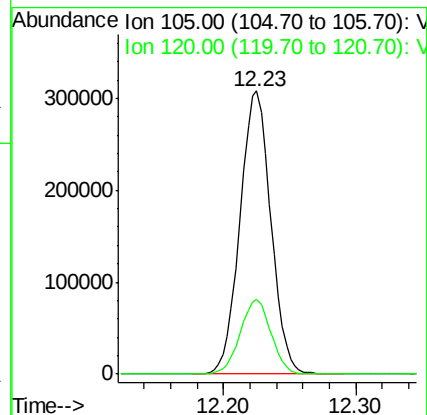
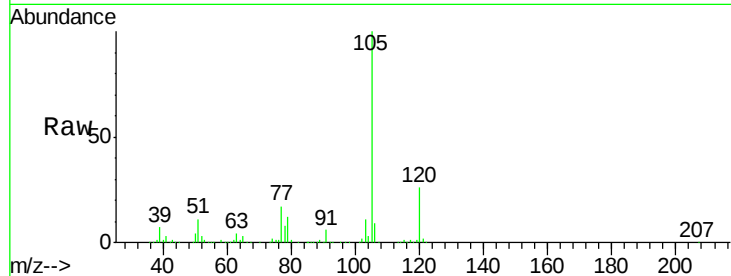
VN0909WBS01

Tgt Ion: 105 Resp: 497885

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 20.872 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Tgt Ion: 43 Resp: 206778

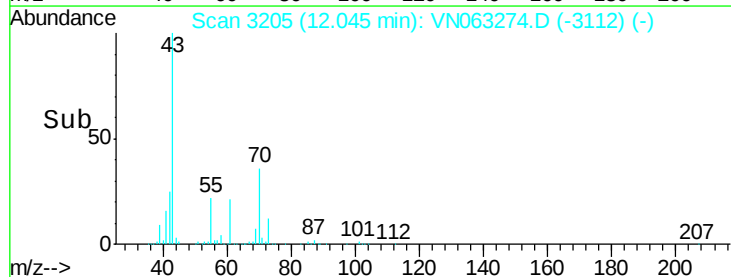
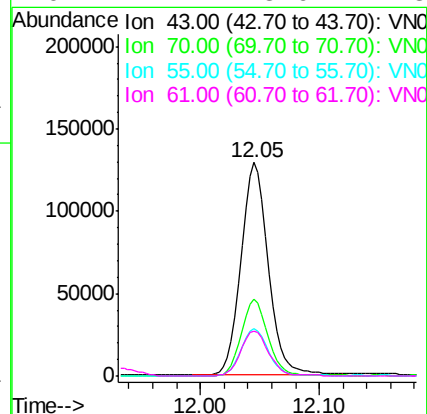
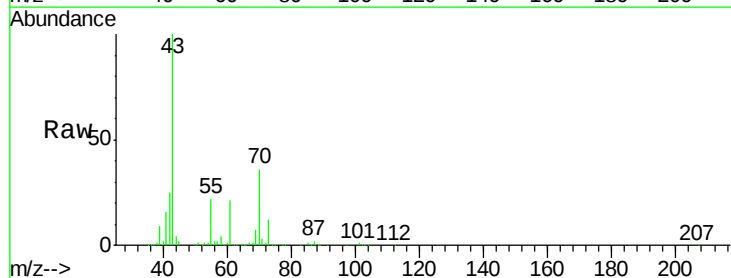
Ion Ratio Lower Upper

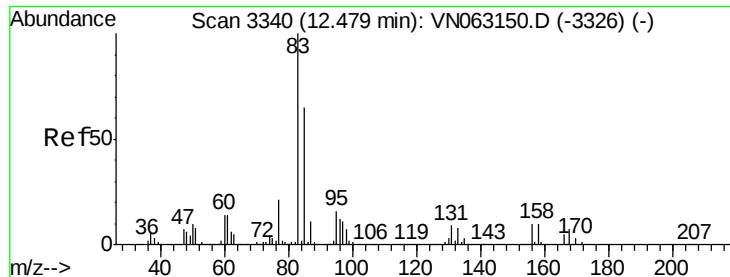
43 100

70 35.4 32.1 48.1

55 22.8 17.4 26.0

61 21.4 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.422 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

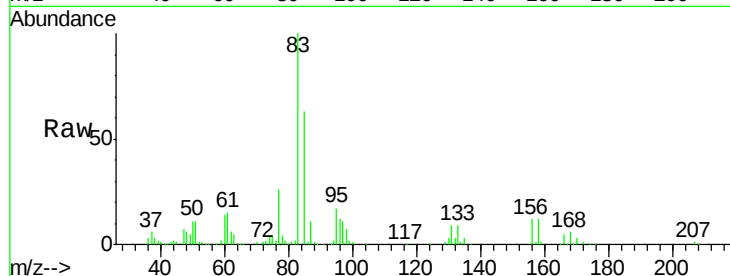
Tgt Ion: 83 Resp: 140824

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.0

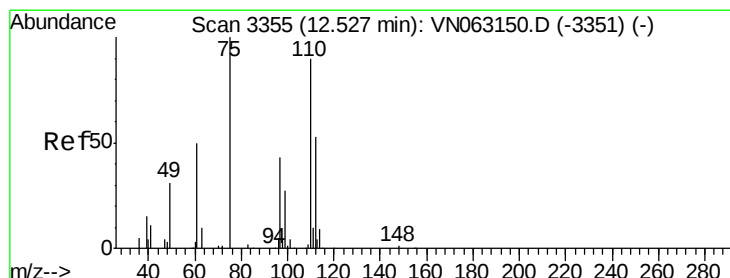
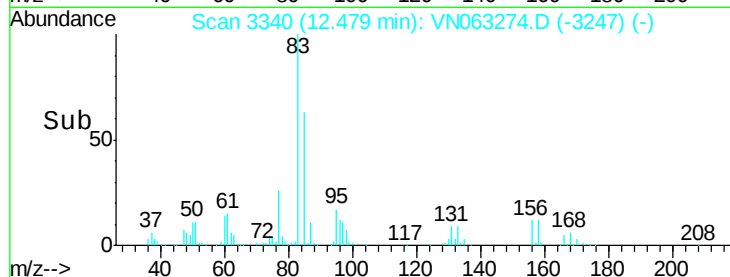
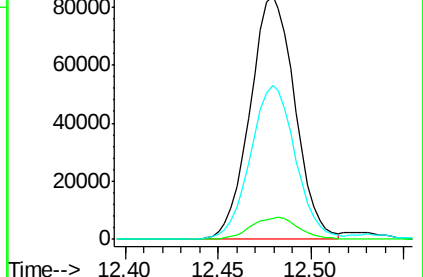
85 63.4 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN063274.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063274.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063274.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 32.041 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063274.D

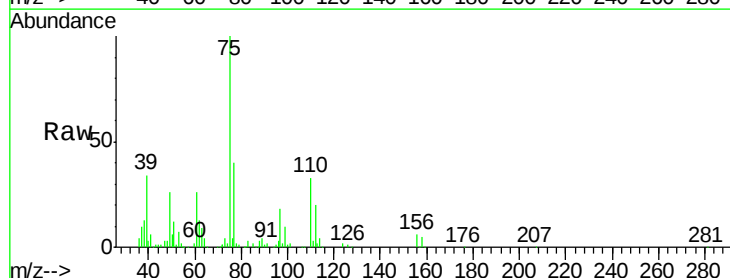
Acq: 9 Sep 2020 11:46

Tgt Ion: 75 Resp: 196316

Ion Ratio Lower Upper

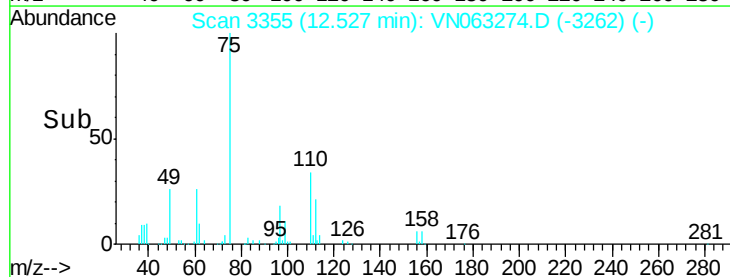
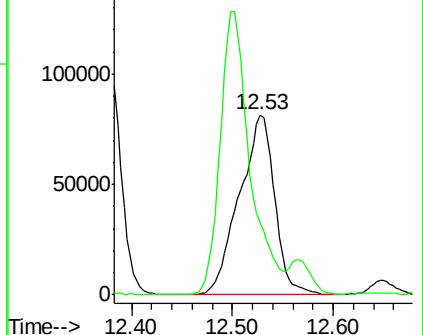
75 100

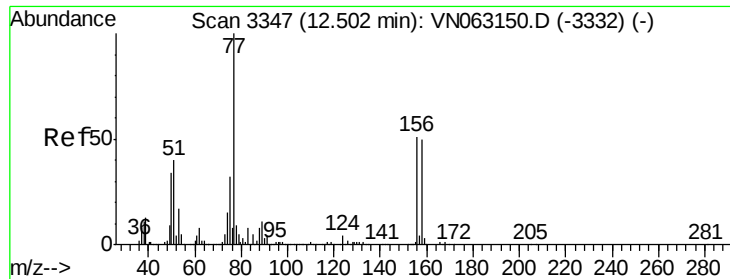
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063274.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063274.D (-3262) (-)





#77

Bromobenzene

Concen: 21.111 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

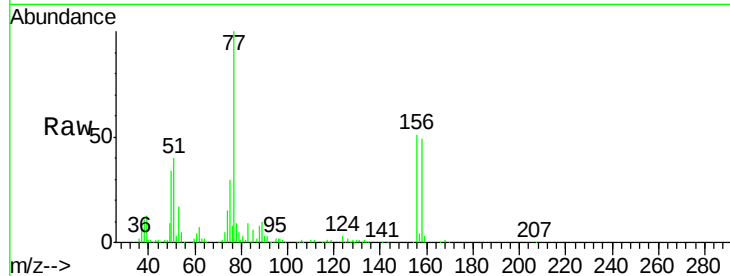
Tgt Ion:156 Resp: 114193

Ion Ratio Lower Upper

156 100

77 232.1 116.1 348.3

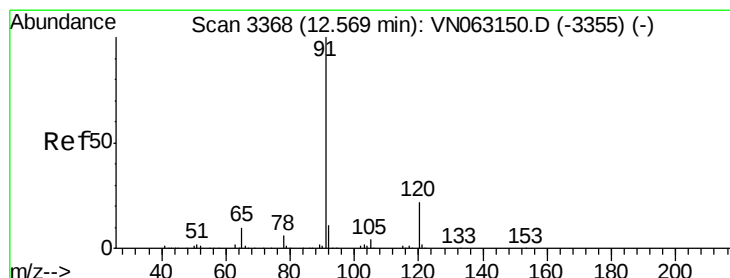
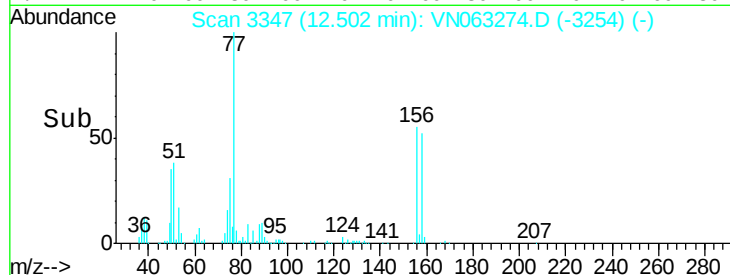
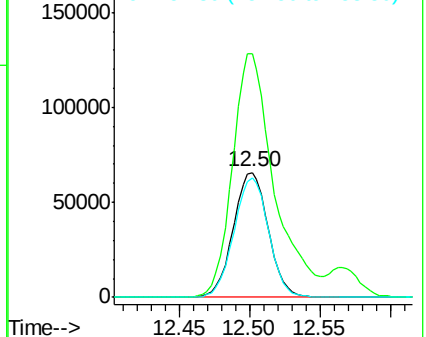
158 95.1 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.201 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063274.D

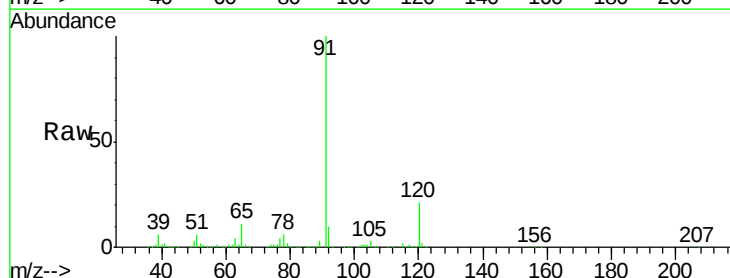
Acq: 9 Sep 2020 11:46

Tgt Ion: 91 Resp: 586762

Ion Ratio Lower Upper

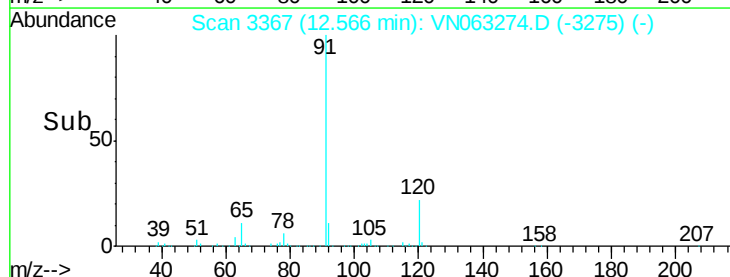
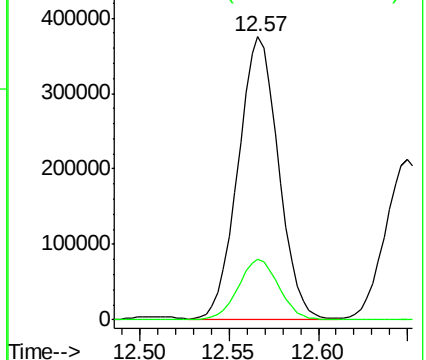
91 100

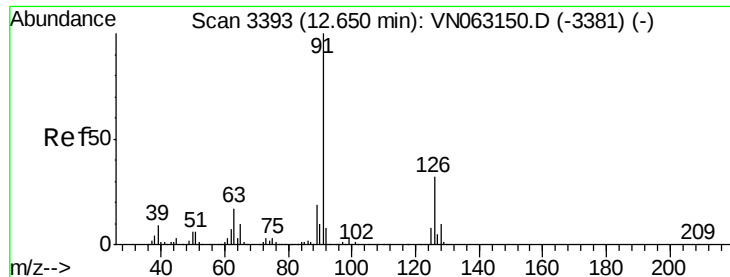
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

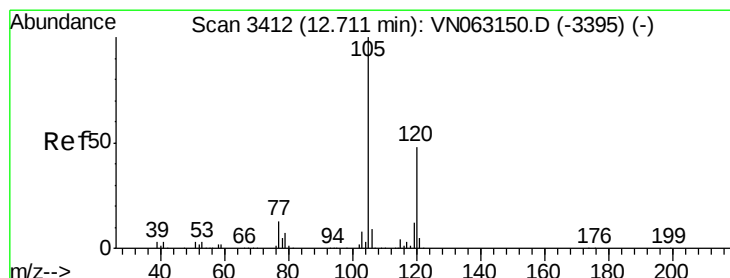
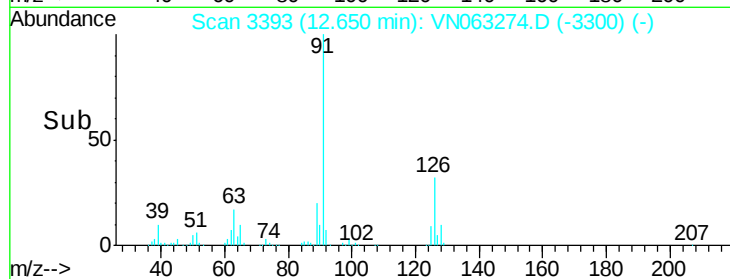
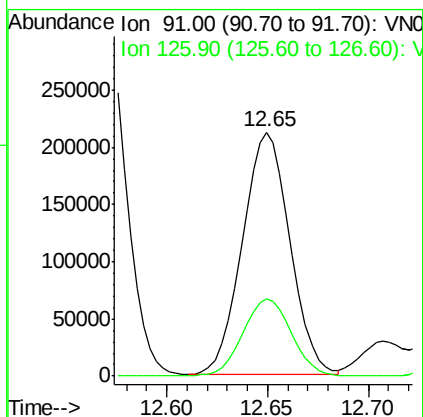
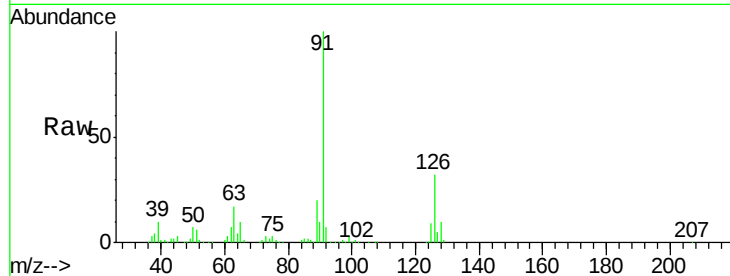




#79
 2-Chlorotoluene
 Concen: 21.078 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

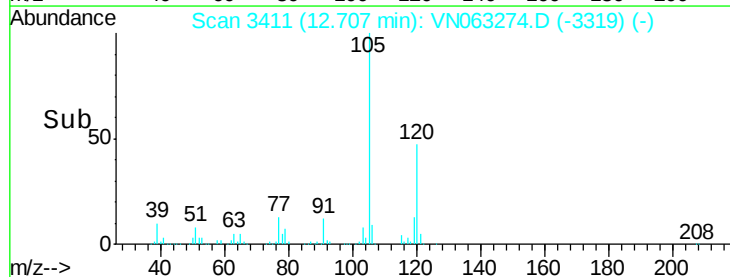
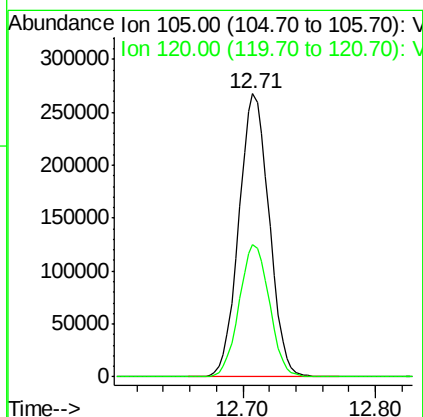
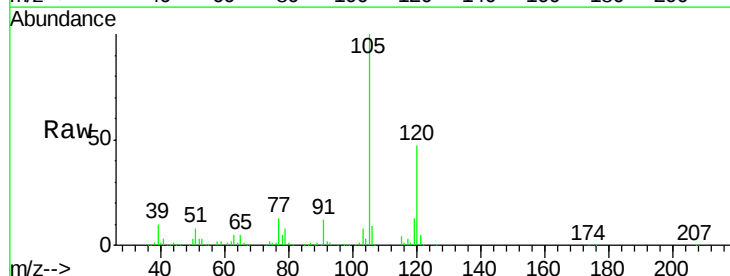
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

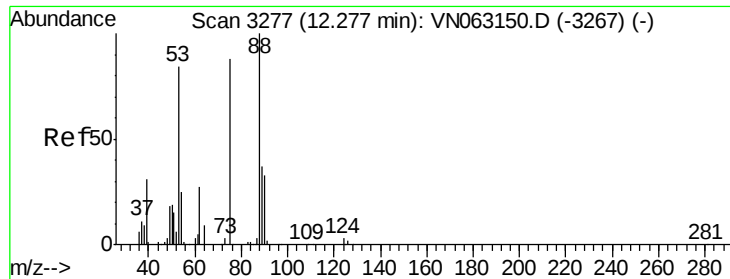
Tgt Ion: 91 Resp: 349399
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.209 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion: 105 Resp: 422237
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.077 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

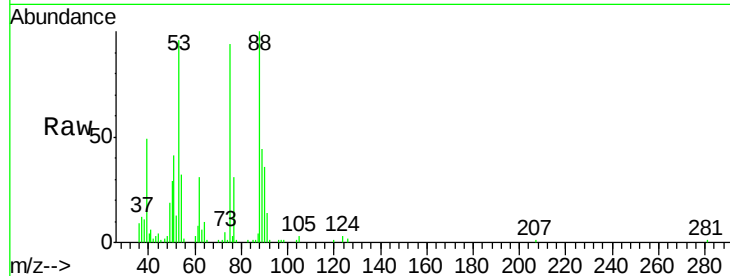
Tgt Ion: 75 Resp: 48359

Ion Ratio Lower Upper

75 100

53 103.9 78.7 118.1

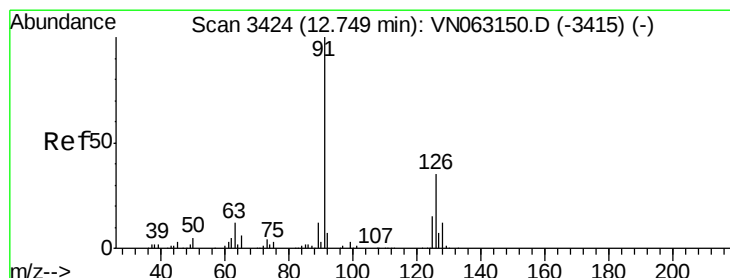
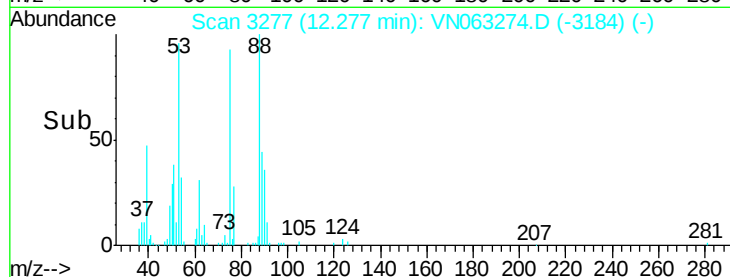
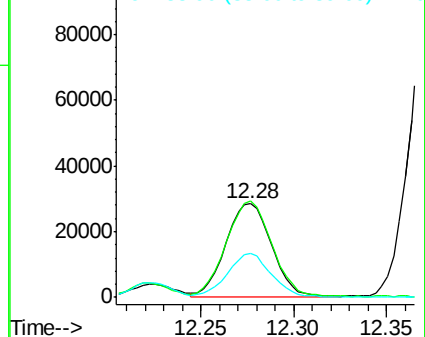
89 46.1 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.847 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063274.D

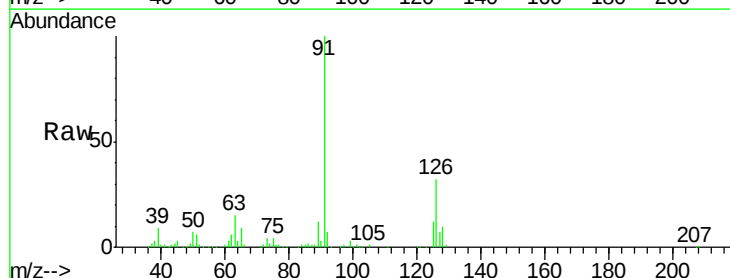
Acq: 9 Sep 2020 11:46

Tgt Ion: 91 Resp: 358405

Ion Ratio Lower Upper

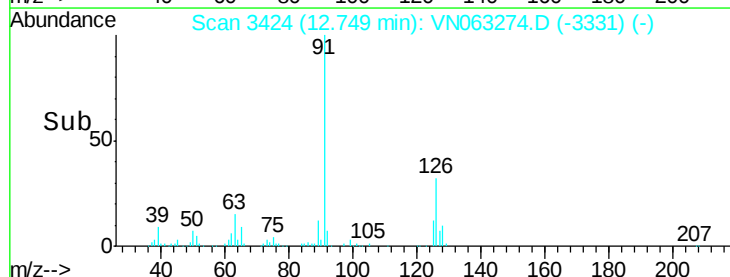
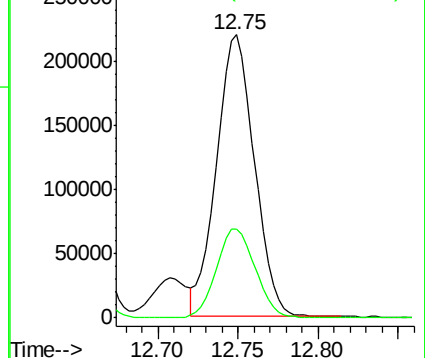
91 100

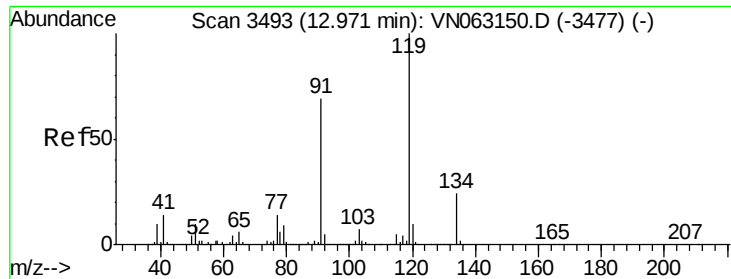
126 32.0 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

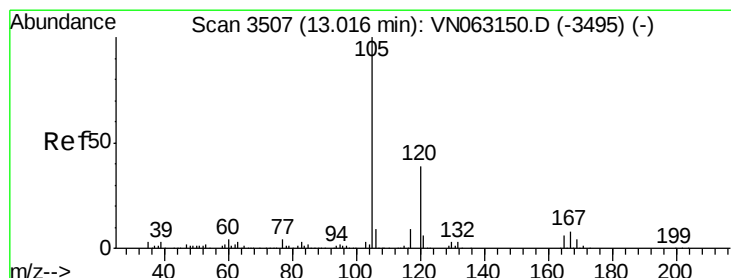
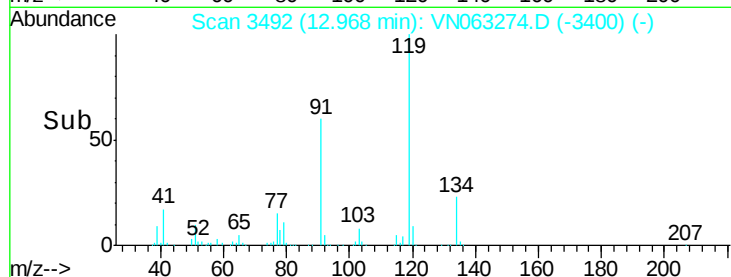
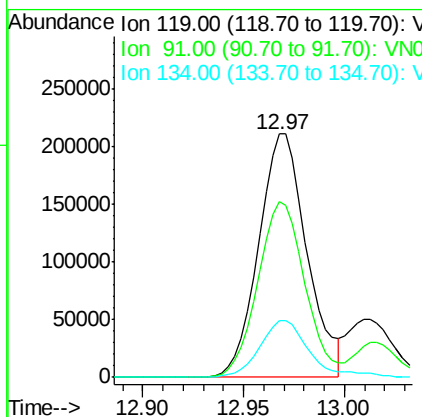
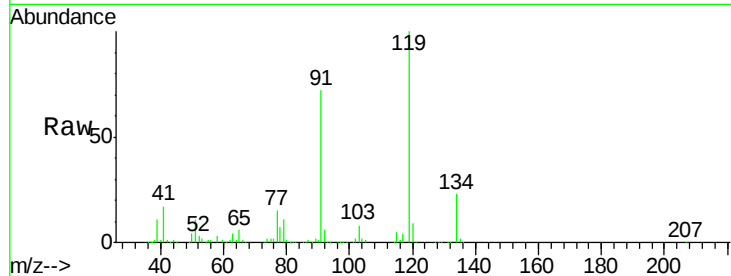




#83
 tert-Butylbenzene
 Concen: 20.638 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

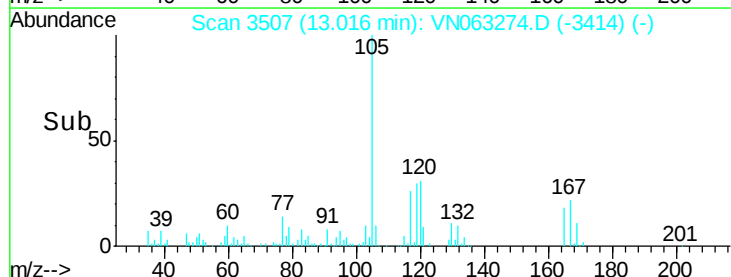
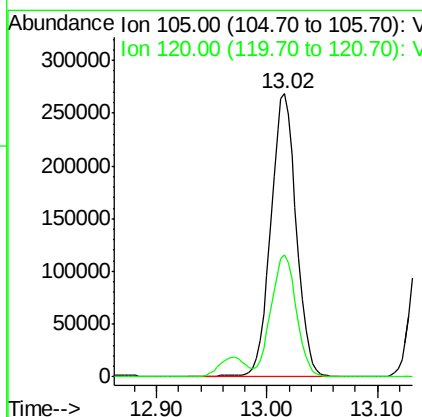
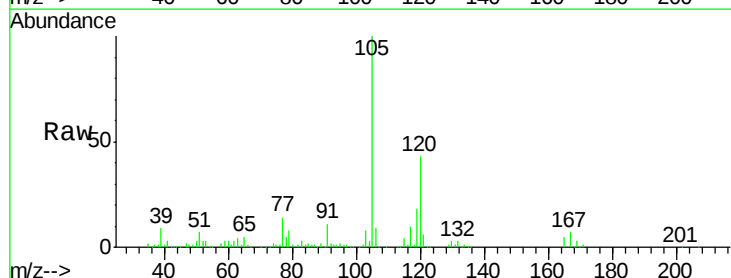
Instrument :
 MSVOA_N
 ClientSampled :
 VN0909WBS01

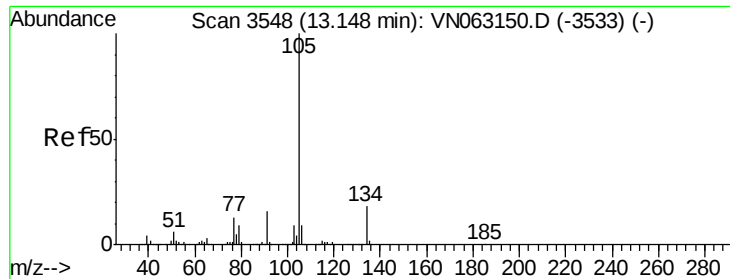
Tgt Ion:119 Resp: 352365
 Ion Ratio Lower Upper
 119 100
 91 69.9 33.7 101.0
 134 24.1 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.517 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion:105 Resp: 431775
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.6 67.7

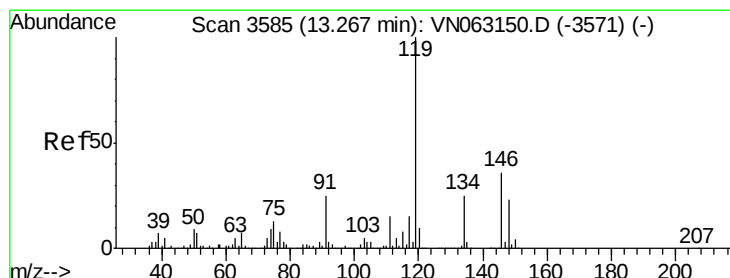
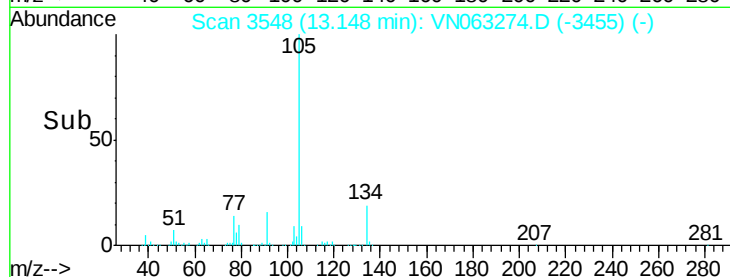
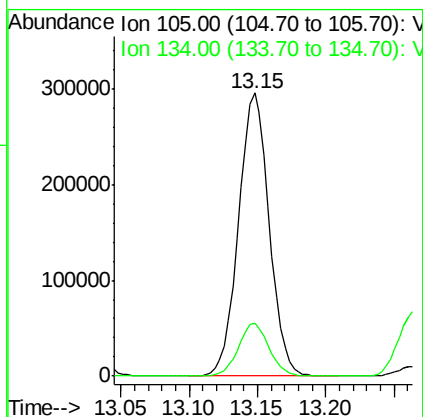
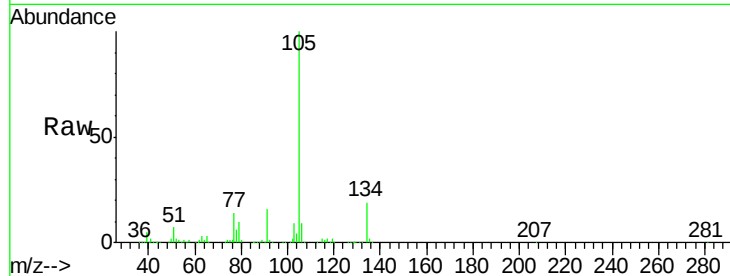




#85
 sec-Butylbenzene
 Concen: 20.610 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

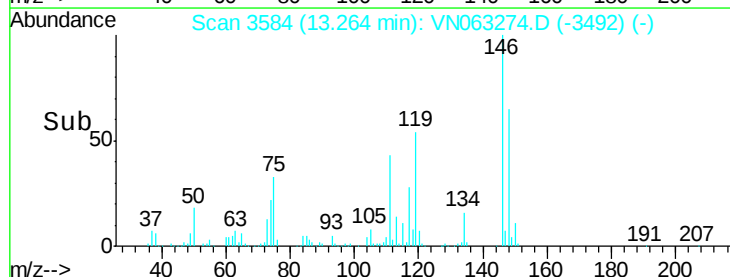
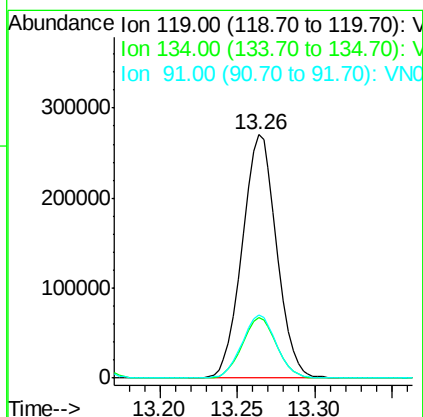
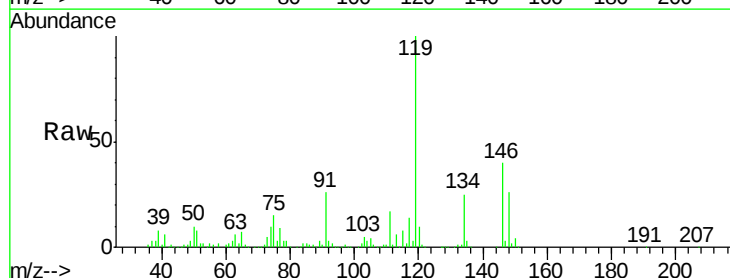
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

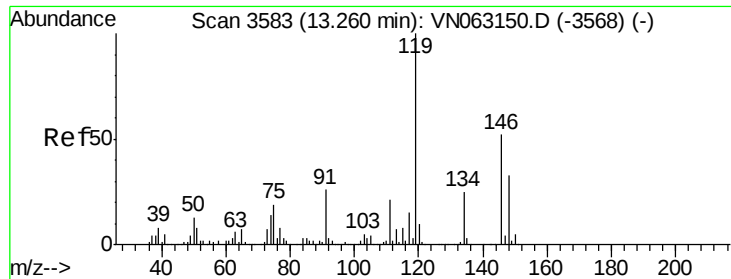
Tgt Ion:105 Resp: 458620
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 21.081 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion:119 Resp: 416474
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.4
 91 25.7 12.2 36.6

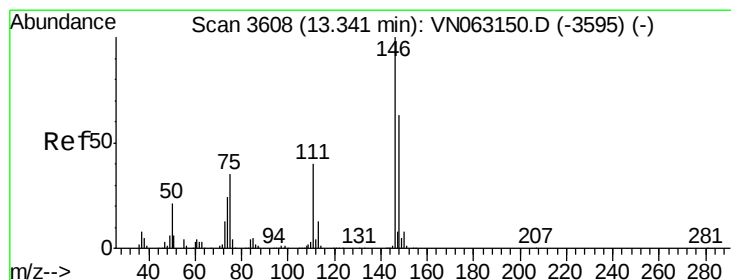
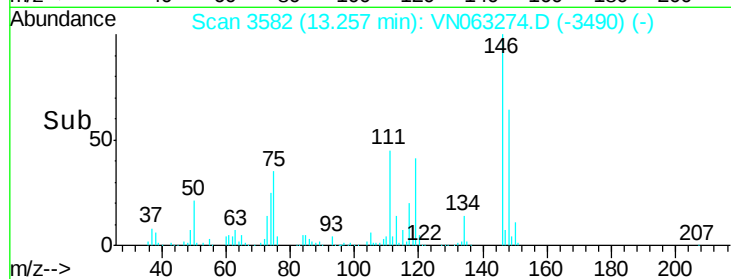
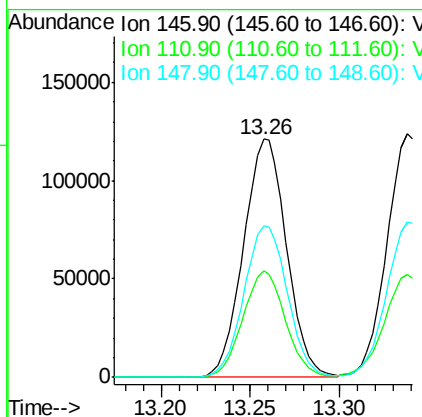
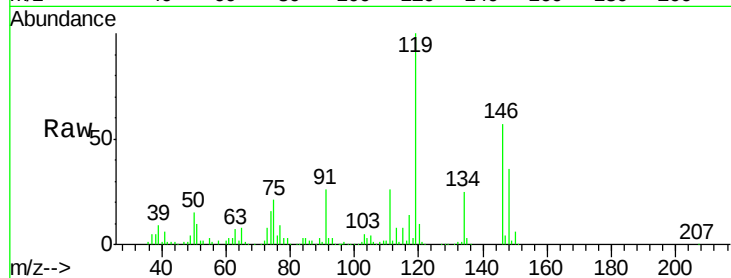




#87
 1,3-Dichlorobenzene
 Concen: 20.583 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

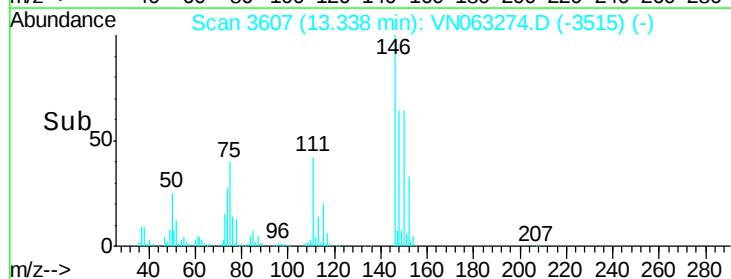
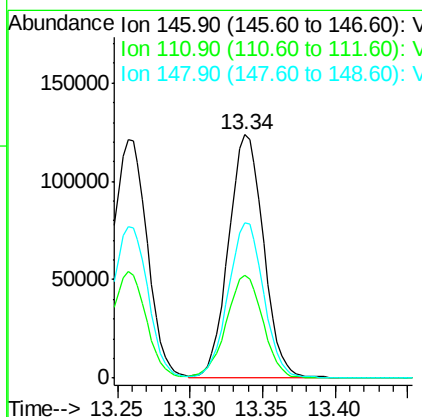
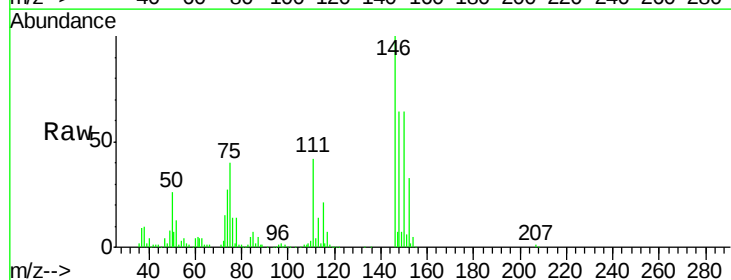
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

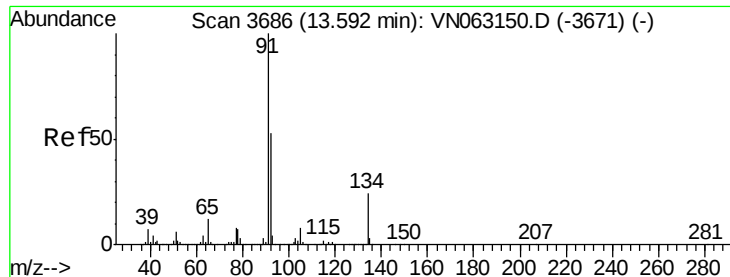
Tgt Ion:146 Resp: 204532
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.3 63.7
 148 64.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.045 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion:146 Resp: 206246
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.5 61.5
 148 64.5 31.9 95.7





#89

n-Butylbenzene

Concen: 20.220 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063274.D

Acq: 9 Sep 2020 11:46

Instrument :

MSVOA_N

ClientSampled :

VN0909WBS01

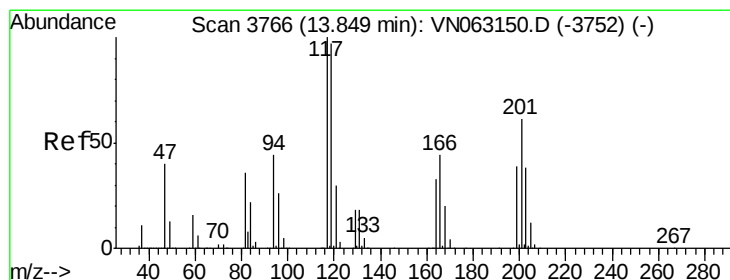
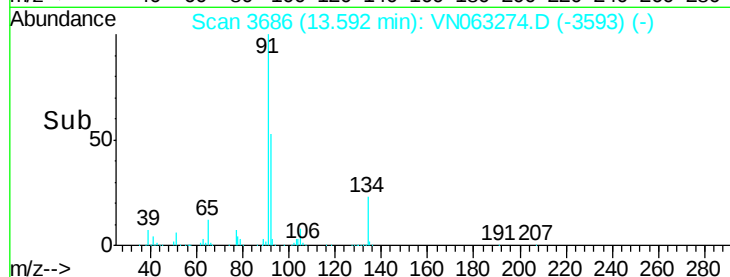
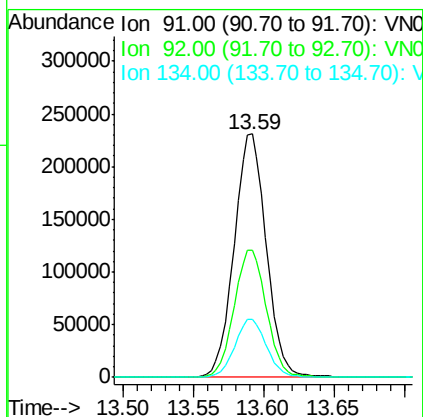
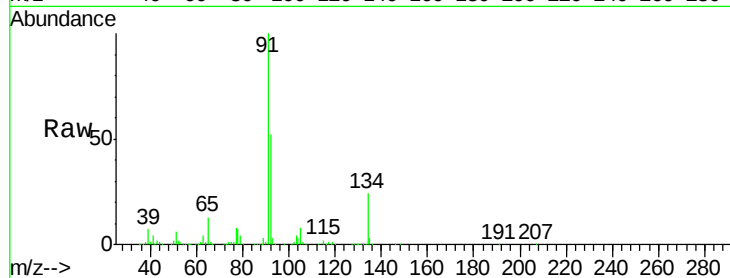
Tgt Ion: 91 Resp: 369031

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.8

134 23.6 12.0 36.0



#90

Hexachloroethane

Concen: 18.441 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063274.D

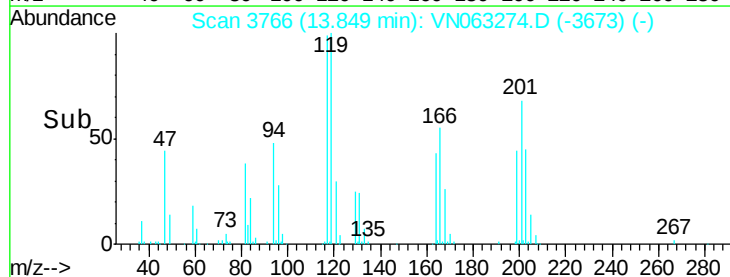
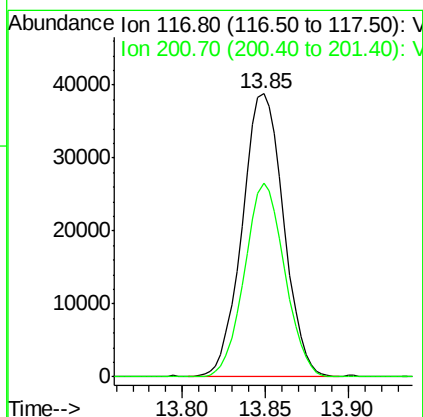
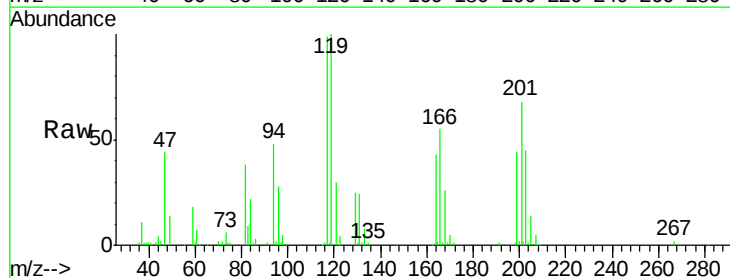
Acq: 9 Sep 2020 11:46

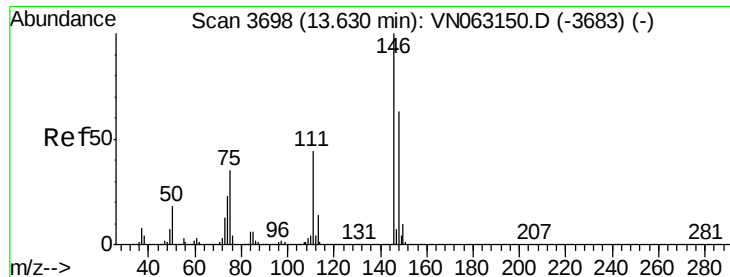
Tgt Ion: 117 Resp: 67440

Ion Ratio Lower Upper

117 100

201 66.1 30.6 92.0

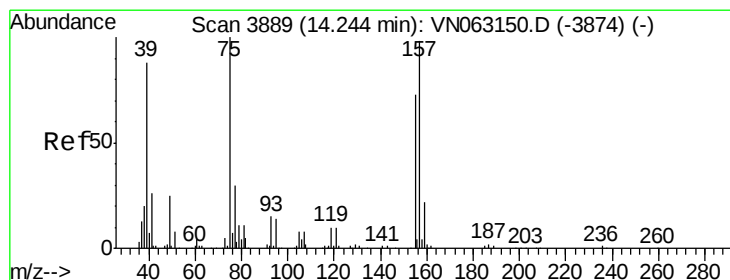
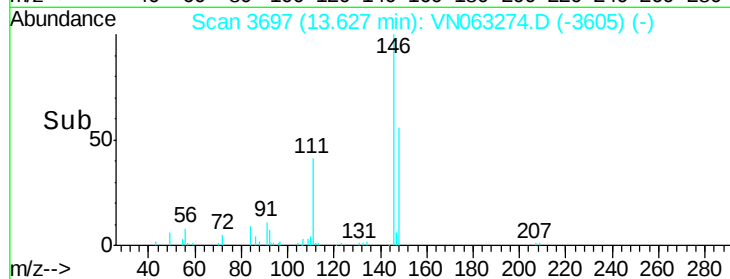
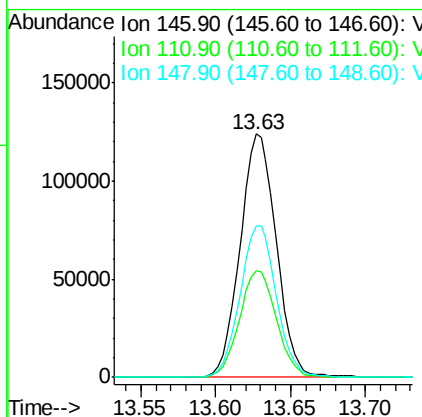
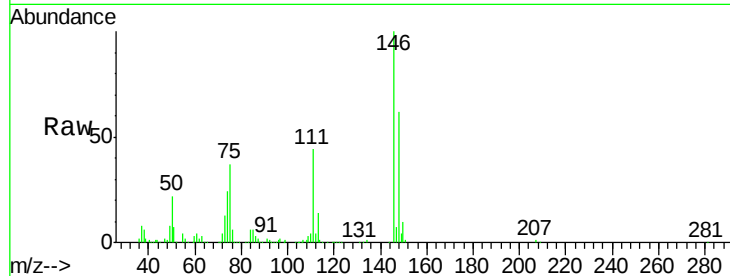




#91
 1,2-Dichlorobenzene
 Concen: 21.639 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

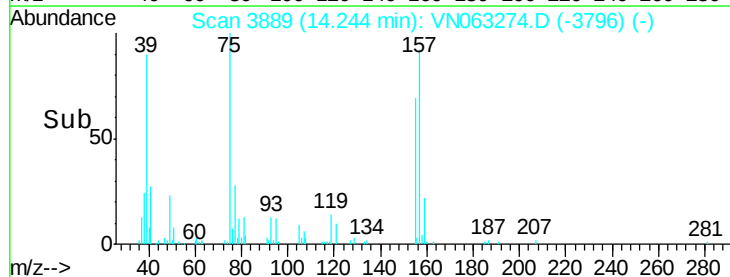
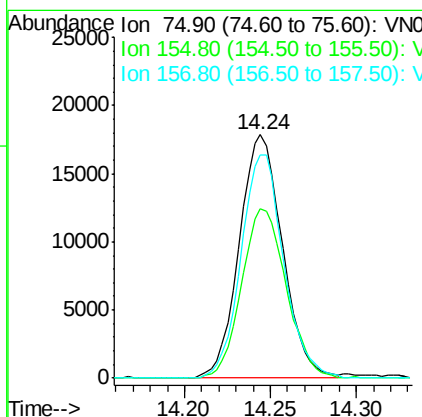
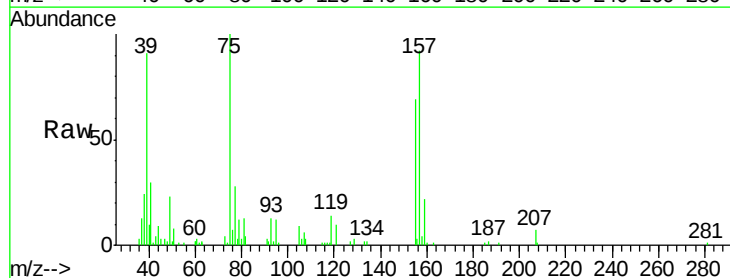
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

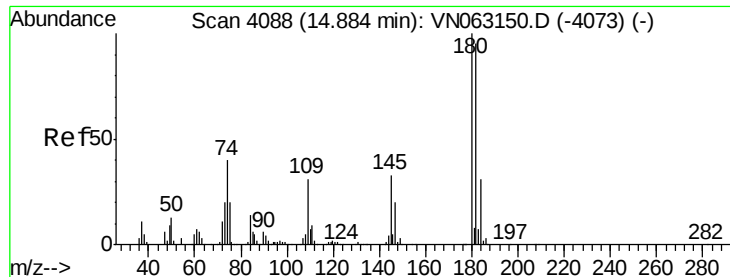
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.0	66.0
148	62.8	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.592 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	36.1	108.5
157	90.7	48.4	145.0

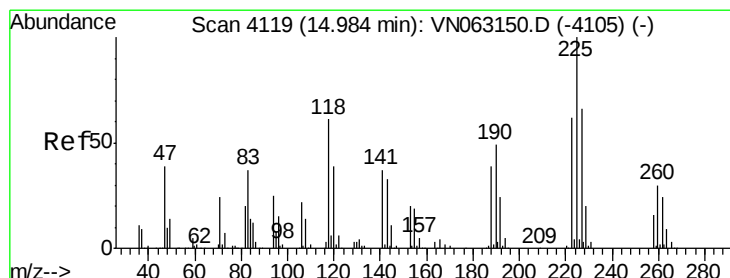
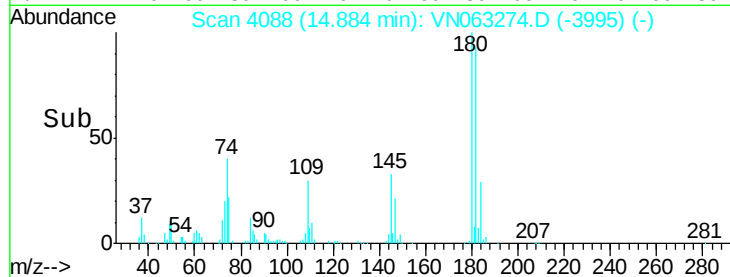
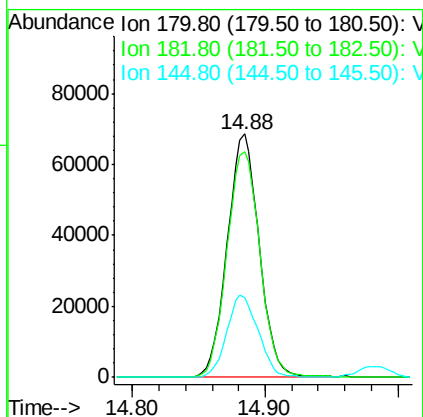
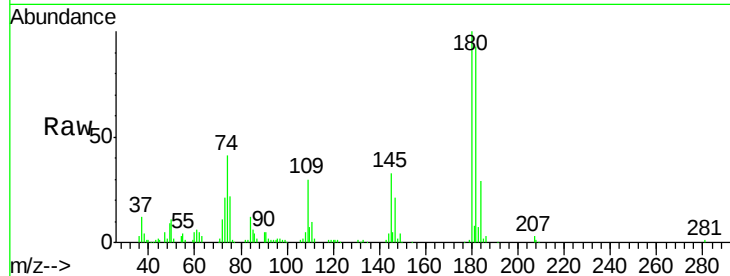




#93
 1,2,4-Trichlorobenzene
 Concen: 21.328 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

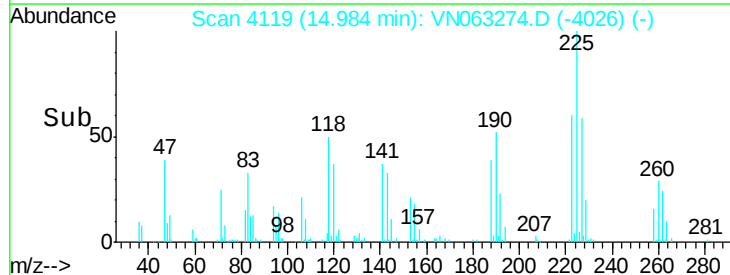
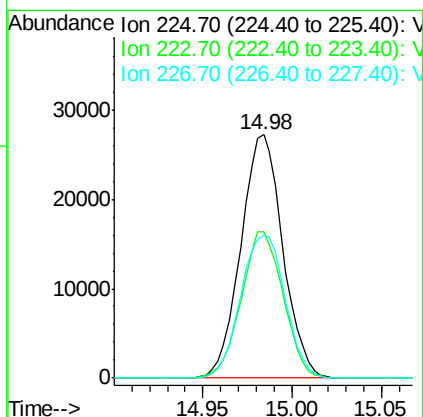
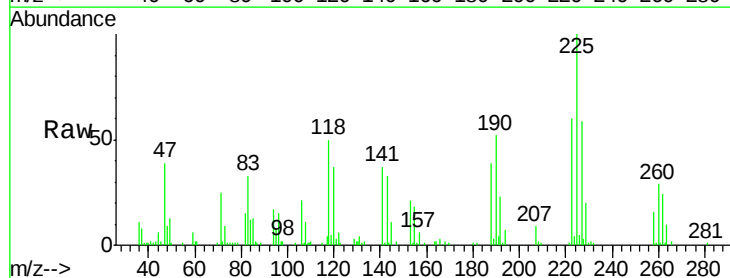
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

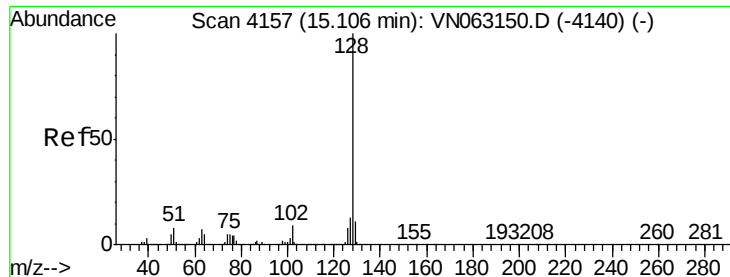
Tgt Ion:180 Resp: 114903
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.5 142.5
 145 33.2 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 22.136 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063274.D
 Acq: 9 Sep 2020 11:46

Tgt Ion:225 Resp: 44551
 Ion Ratio Lower Upper
 225 100
 223 60.4 30.9 92.7
 227 62.3 32.9 98.7

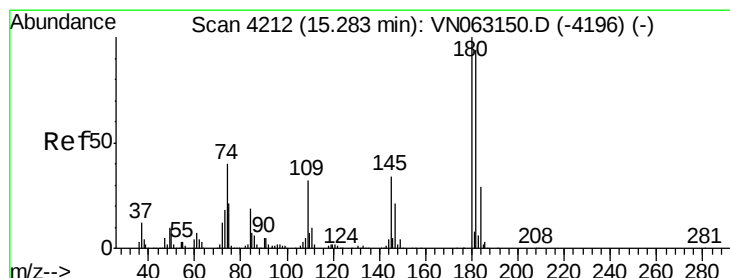
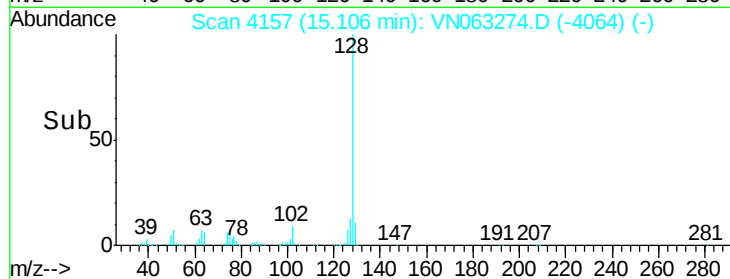
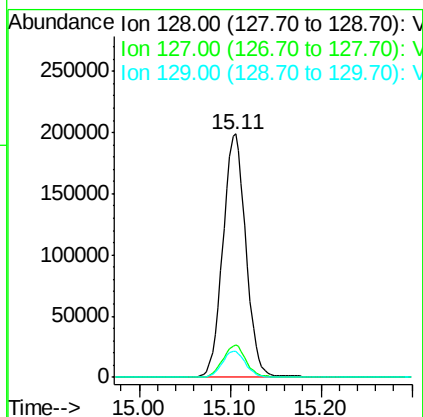
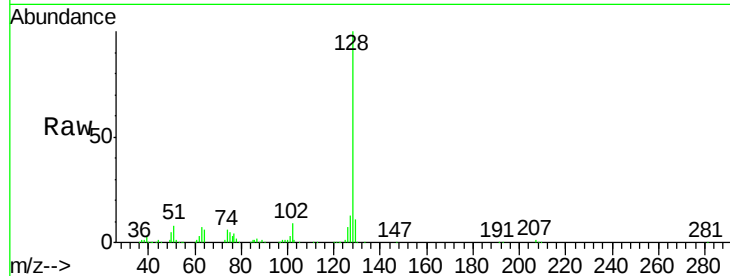




#95
Naphthalene
Concen: 19.446 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Instrument :
MSVOA_N
ClientSampled :
VN0909WBS01

Tgt Ion:128 Resp: 349520
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.355 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063274.D
Acq: 9 Sep 2020 11:46

Tgt Ion:180 Resp: 112088
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.5
145 35.3 17.3 52.0

