

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093020\
 Data File : VN063738.D
 Acq On : 30 Sep 2020 9:48
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 30 11:37:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	3604	0.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.58%	
35) Dibromofluoromethane	7.54	113	1290	0.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.84%	
50) Toluene-d8	10.06	98	8378	0.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.48%	
62) 4-Bromofluorobenzene	12.38	95	3551	0.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	3209	1.076	ug/l 93
3) Chloromethane	2.04	50	4210	1.083	ug/l 97
4) Vinyl Chloride	2.16	62	4158	1.195	ug/l 96
5) Bromomethane	2.54	94	3081	1.473	ug/l 99
6) Chloroethane	2.68	64	2130	0.986	ug/l # 79
7) Trichlorofluoromethane	2.98	101	6149	1.167	ug/l # 83
8) Diethyl Ether	3.37	74	1821	0.905	ug/l 88
9) 1,1,2-Trichlorotrifluoroet	3.73	101	3338	1.135	ug/l # 75
10) Methyl Iodide	3.91	142	3632	0.963	ug/l # 36
11) Tert butyl alcohol	4.73	59	1187	1.961	ug/l # 71
12) 1,1-Dichloroethene	3.69	96	3172	1.076	ug/l # 77
13) Acrolein	3.57	56	1168	4.722	ug/l # 50
14) Allyl chloride	4.28	41	5169	0.893	ug/l # 28
15) Acrylonitrile	4.94	53	3441	2.191	ug/l # 72
16) Acetone	3.77	43	7947	5.464	ug/l 93
17) Carbon Disulfide	4.01	76	10699	1.257	ug/l 100
18) Methyl Acetate	4.28	43	2188	0.596	ug/l # 81
19) Methyl tert-butyl Ether	4.98	73	6006	0.544	ug/l 97
20) Methylene Chloride	4.50	84	2441	0.669	ug/l # 90
21) trans-1,2-Dichloroethene	4.99	96	2266	0.692	ug/l # 62
22) Diisopropyl ether	5.90	45	9912	0.831	ug/l # 72
23) Vinyl Acetate	5.84	43	39411	4.034	ug/l 99
24) 1,1-Dichloroethane	5.79	63	6415	0.985	ug/l # 86
25) 2-Butanone	6.78	43	8637	3.910	ug/l 95
26) 2,2-Dichloropropane	6.76	77	6036	1.044	ug/l # 71
27) cis-1,2-Dichloroethene	6.77	96	1726	0.465	ug/l 66
28) Bromochloromethane	7.14	49	1366	0.445	ug/l # 76
29) Tetrahydrofuran	7.17	42	6409	4.251	ug/l 97
30) Chloroform	7.32	83	6348	0.965	ug/l # 69
31) Cyclohexane	7.62	56	12346	2.035	ug/l # 51
32) 1,1,1-Trichloroethane	7.53	97	2993	0.508	ug/l # 27
36) 1,1-Dichloropropene	7.75	75	4881	1.061	ug/l 94
37) Ethyl Acetate	6.88	43	2652	0.590	ug/l # 80
38) Carbon Tetrachloride	7.73	117	6014	1.267	ug/l 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	4406	0.890	ug/l	89
40) Benzene	8.00	78	13678	1.041	ug/l	98
41) Methacrylonitrile	7.13	41	2197	1.066	ug/l #	69
42) 1,2-Dichloroethane	8.08	62	6074	1.139	ug/l	81
43) Isopropyl Acetate	8.13	43	7075	0.878	ug/l #	89
44) Trichloroethene	8.80	130	3931	1.219	ug/l	89
45) 1,2-Dichloropropane	9.08	63	3827	1.071	ug/l	90
46) Dibromomethane	9.17	93	2623	1.111	ug/l	94
47) Bromodichloromethane	9.37	83	4805	0.975	ug/l	92
48) Methyl methacrylate	9.16	41	3603	0.913	ug/l #	66
49) 1,4-Dioxane	9.17	88	1239	21.976	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	19791	4.350	ug/l	94
52) Toluene	10.12	92	7621	0.961	ug/l	94
53) t-1,3-Dichloropropene	10.35	75	4816	0.880	ug/l	93
54) cis-1,3-Dichloropropene	9.80	75	5194	0.903	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	3200	1.010	ug/l #	87
56) Ethyl methacrylate	10.40	69	3587	0.733	ug/l #	70
57) 1,3-Dichloropropane	10.67	76	5049	0.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	9496	3.666	ug/l	99
59) 2-Hexanone	10.72	43	14783	4.483	ug/l	84
60) Dibromochloromethane	10.87	129	3672	1.025	ug/l	94
61) 1,2-Dibromoethane	10.97	107	3061	0.931	ug/l	87
64) Tetrachloroethene	10.60	164	4027	1.451	ug/l #	73
65) Chlorobenzene	11.40	112	8678	1.025	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	3318	1.060	ug/l #	65
67) Ethyl Benzene	11.48	91	14642	0.918	ug/l	100
68) m/p-Xylenes	11.59	106	11394	1.976	ug/l	95
69) o-Xylene	11.92	106	4862	0.888	ug/l	90
70) Styrene	11.94	104	7999	0.871	ug/l	98
71) Bromoform	12.10	173	2425	1.037	ug/l #	74
73) Isopropylbenzene	12.22	105	12901	0.942	ug/l	96
74) N-amyl acetate	12.05	43	3878	0.605	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	4046	0.954	ug/l #	95
76) 1,2,3-Trichloropropane	12.53	75	6009	1.421	ug/l #	100
77) Bromobenzene	12.50	156	3282	1.054	ug/l	96
78) n-propylbenzene	12.56	91	15452	0.970	ug/l	96
79) 2-Chlorotoluene	12.65	91	9926	1.037	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	10497	0.921	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	1288	0.840	ug/l #	18
82) 4-Chlorotoluene	12.75	91	9824	0.970	ug/l	94
83) tert-Butylbenzene	12.97	119	8508	0.903	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	9771	0.847	ug/l	99
85) sec-Butylbenzene	13.15	105	11238	0.893	ug/l	99
86) p-Isopropyltoluene	13.26	119	9175	0.826	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	5885	1.022	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	7235	1.242	ug/l	82
89) n-Butylbenzene	13.59	91	10084	0.990	ug/l	95
90) Hexachloroethane	13.85	117	1925	0.907	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	6241	1.110	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	906	0.906	ug/l	94

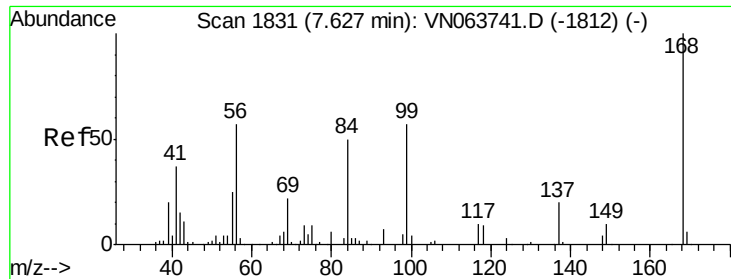
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	4088	1.256	ug/l	98
94) Hexachlorobutadiene	14.98	225	3015	2.149	ug/l	96
95) Naphthalene	15.11	128	12792	1.201	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	4594	1.461	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

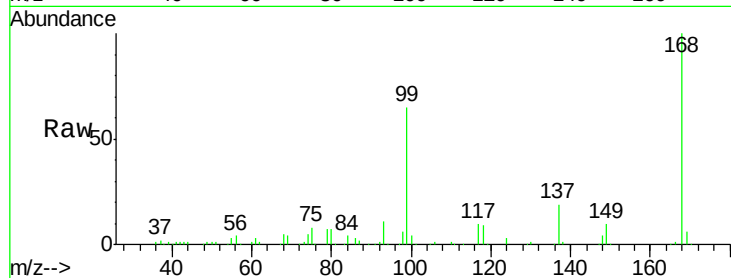
VSTDIC001

Tgt Ion: 168 Resp: 268823

Ion Ratio Lower Upper

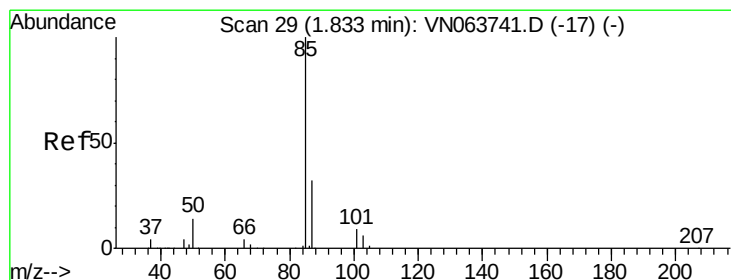
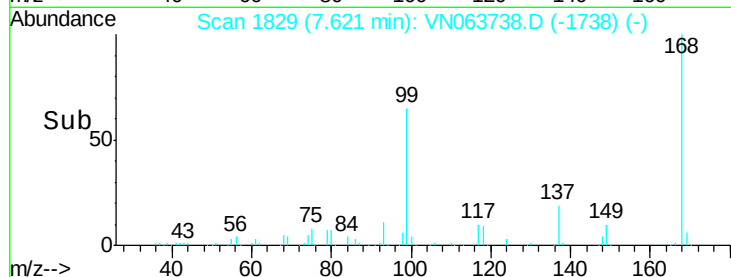
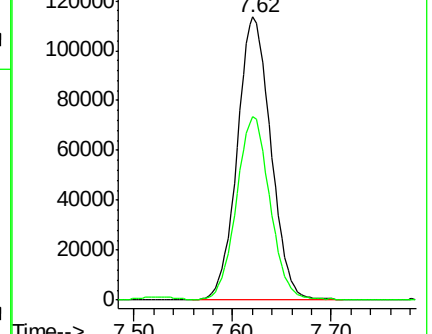
168 100

99 64.4 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.076 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063738.D

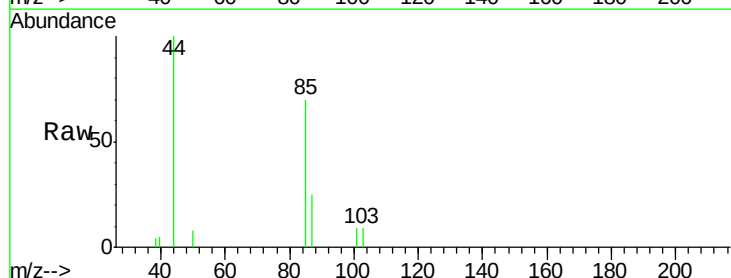
Acq: 30 Sep 2020 9:48

Tgt Ion: 85 Resp: 3209

Ion Ratio Lower Upper

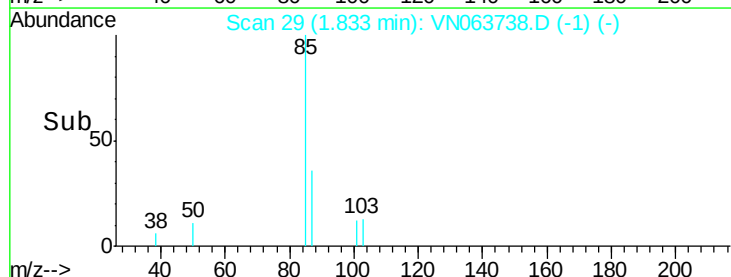
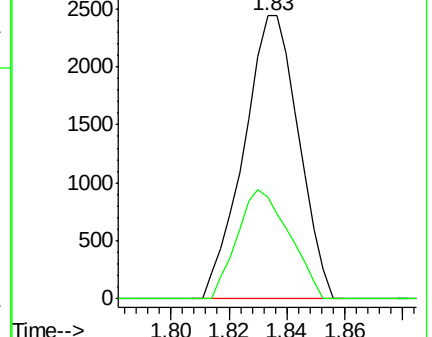
85 100

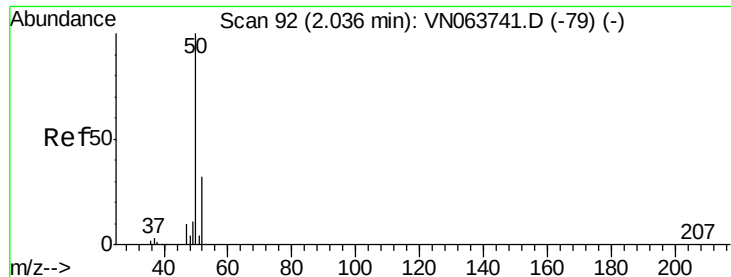
87 35.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.083 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

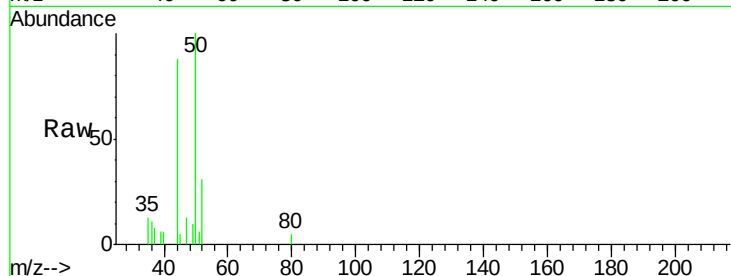
VSTDIC001

Tgt Ion: 50 Resp: 4210

Ion Ratio Lower Upper

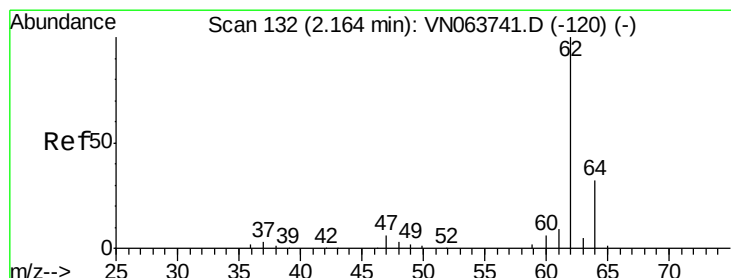
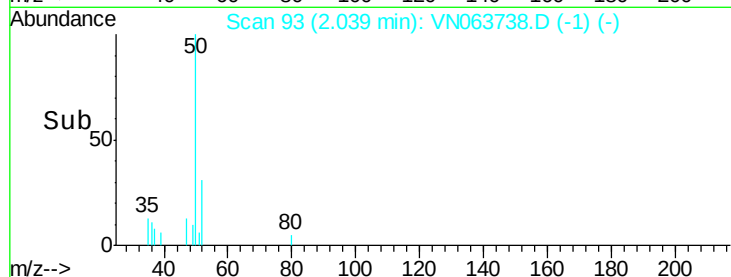
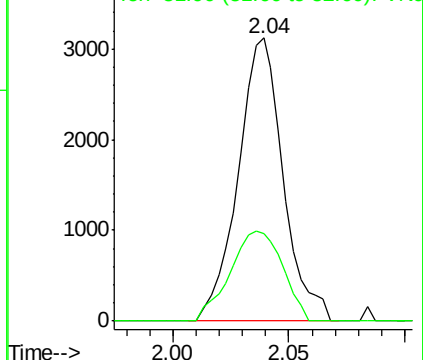
50 100

52 30.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.195 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063738.D

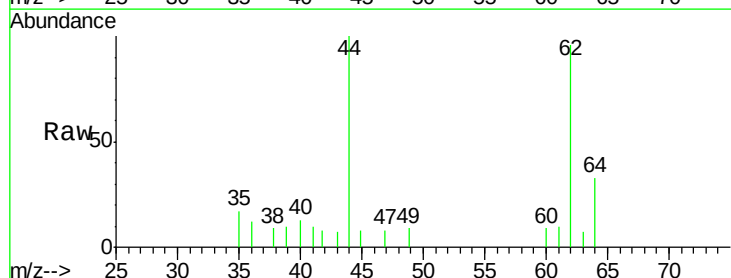
Acq: 30 Sep 2020 9:48

Tgt Ion: 62 Resp: 4158

Ion Ratio Lower Upper

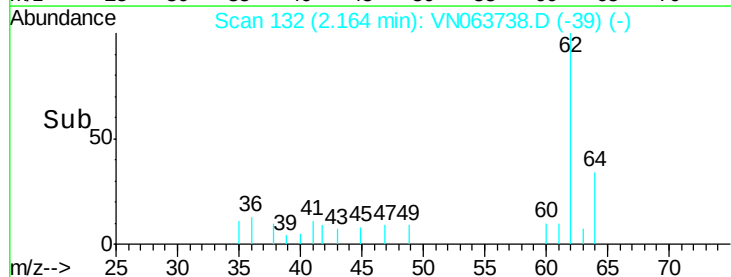
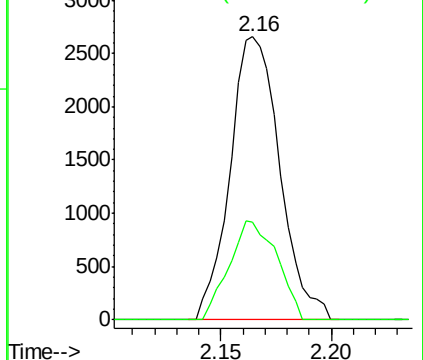
62 100

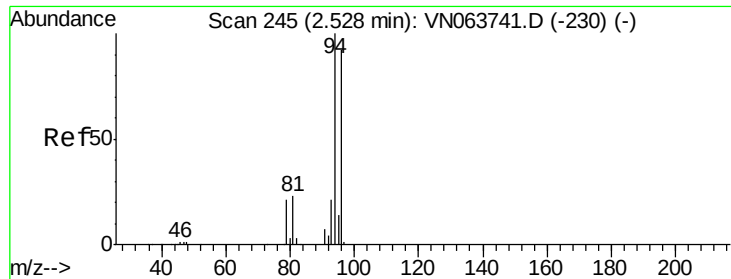
64 34.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 1.473 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.02 min

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Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

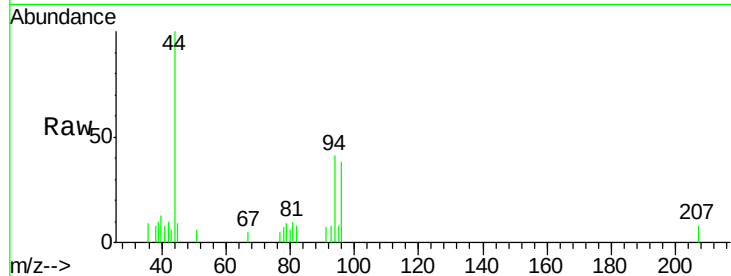
VSTDIC001

Tgt Ion: 94 Resp: 3081

Ion Ratio Lower Upper

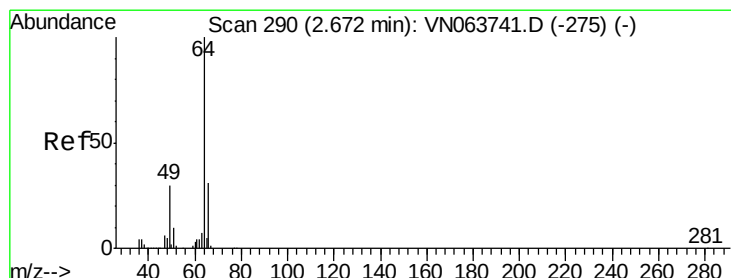
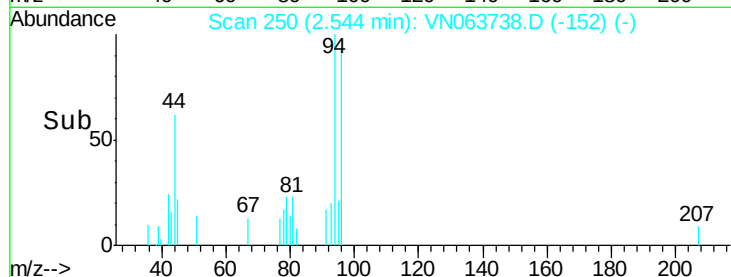
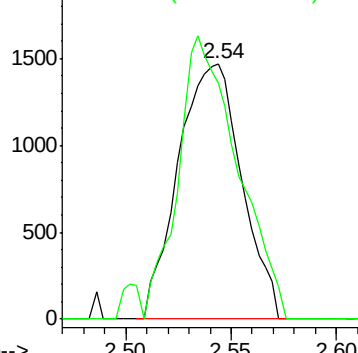
94 100

96 92.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.986 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063738.D

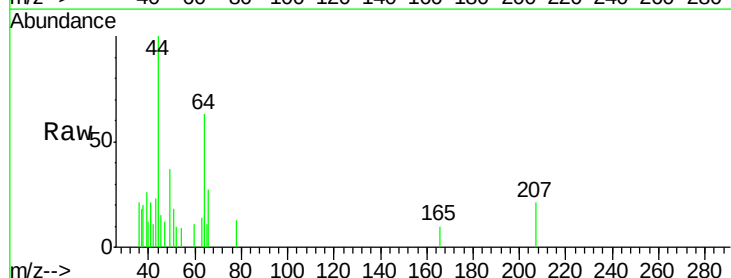
Acq: 30 Sep 2020 9:48

Tgt Ion: 64 Resp: 2130

Ion Ratio Lower Upper

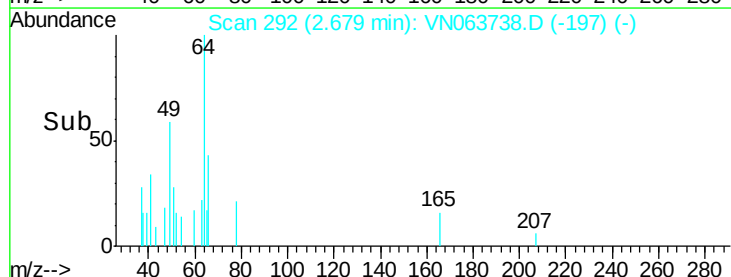
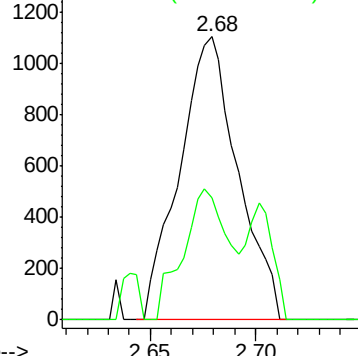
64 100

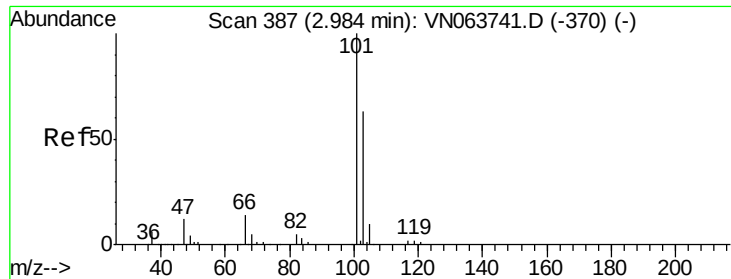
66 43.2 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



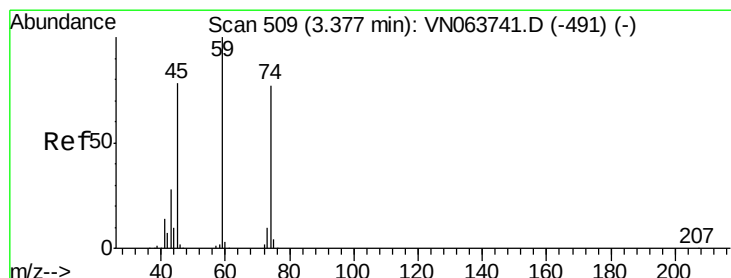
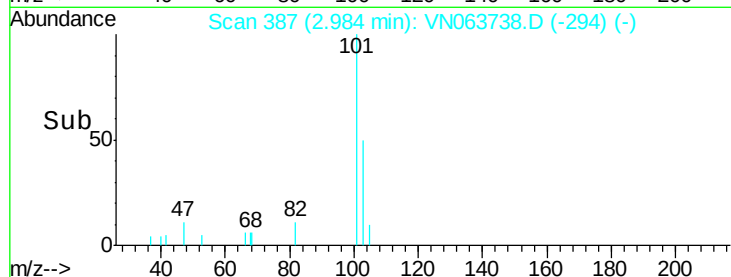
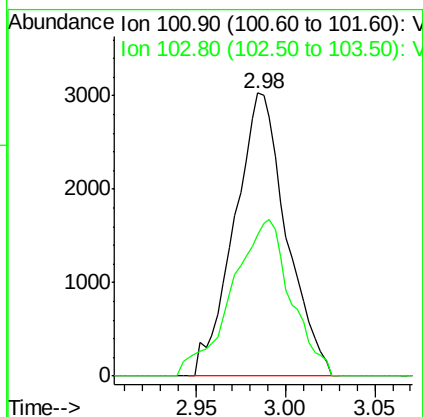
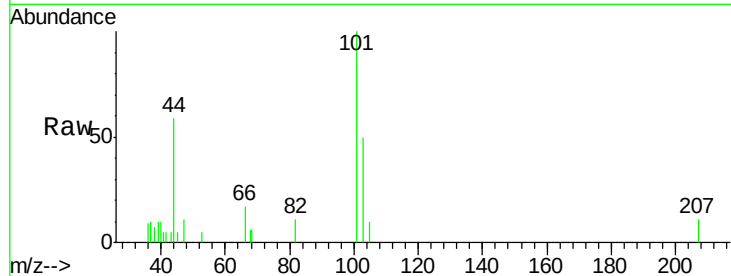


#7

Trichlorofluoromethane
Concen: 1.167 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063738.D
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MSVOA_N
ClientSampleId :
VSTDIC001

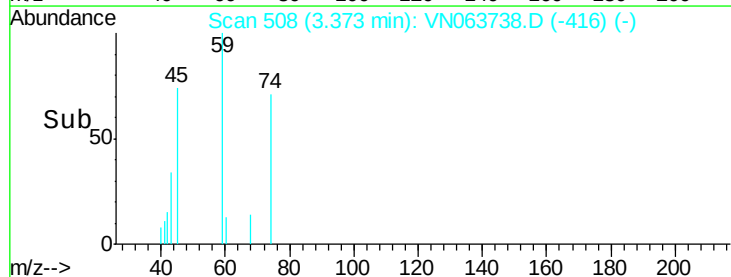
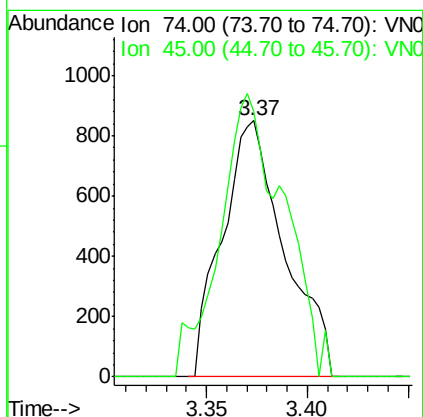
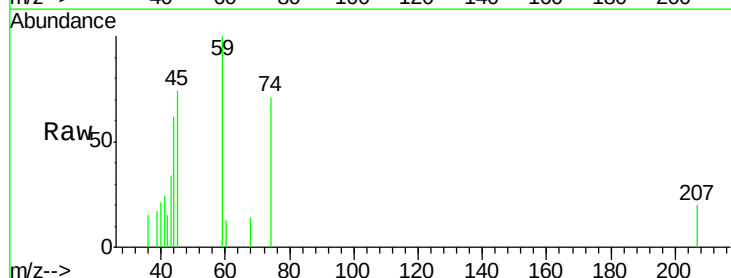
Tgt Ion: 101 Resp: 6149
Ion Ratio Lower Upper
101 100
103 49.9 50.7 76.1#

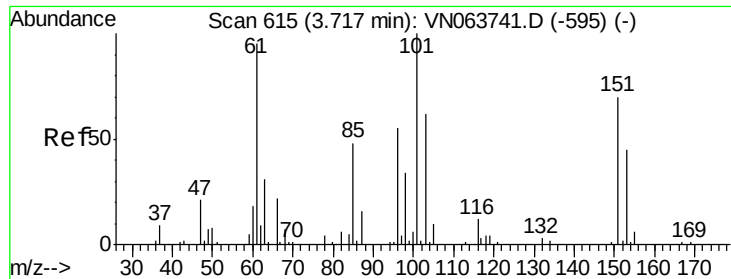


#8

Diethyl Ether
Concen: 0.905 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 74 Resp: 1821
Ion Ratio Lower Upper
74 100
45 114.2 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.135 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

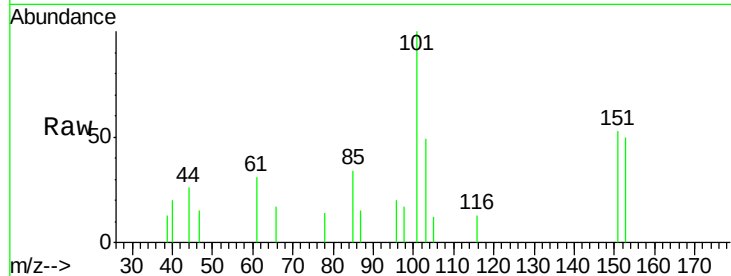
Tgt Ion:101 Resp: 3338

Ion Ratio Lower Upper

101 100

85 34.1 38.6 58.0#

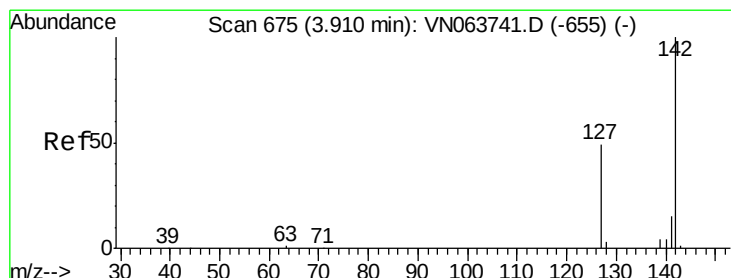
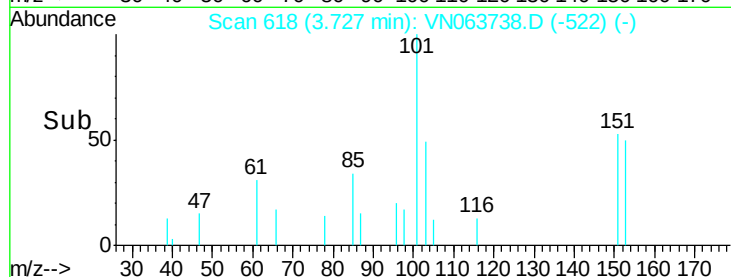
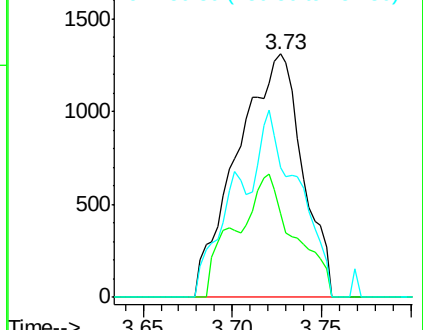
151 50.0 58.7 88.1#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.963 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

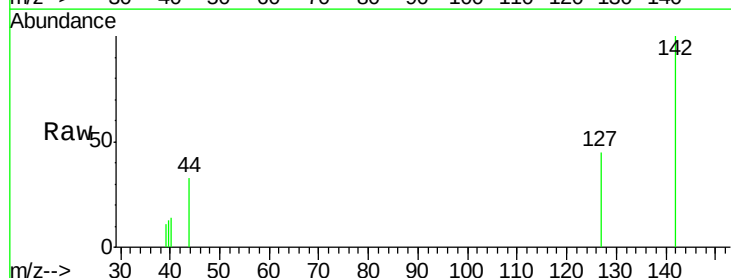
Tgt Ion:142 Resp: 3632

Ion Ratio Lower Upper

142 100

127 0.0 40.5 60.7#

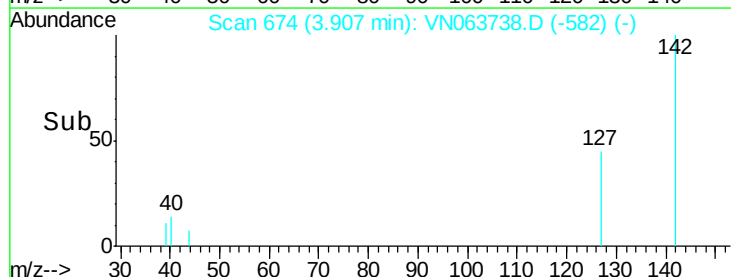
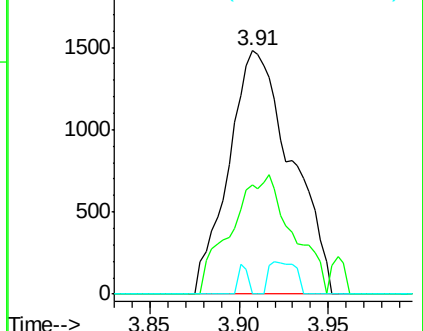
141 1.8 11.7 17.5#

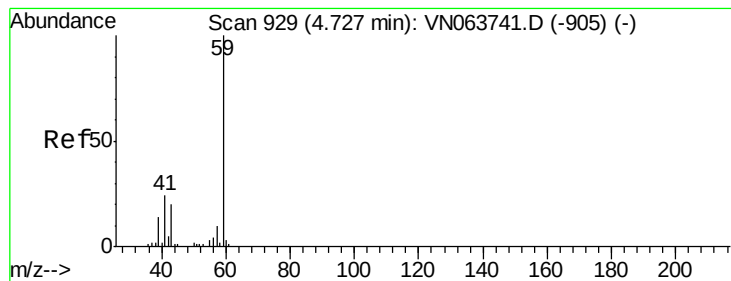


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



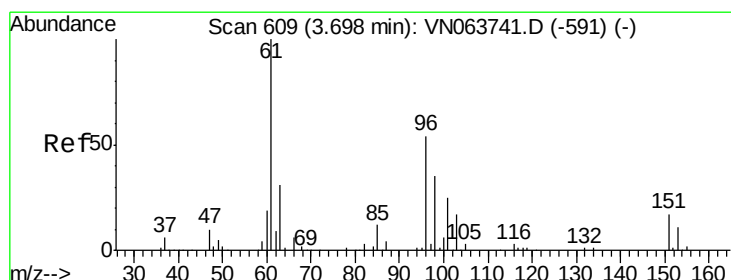
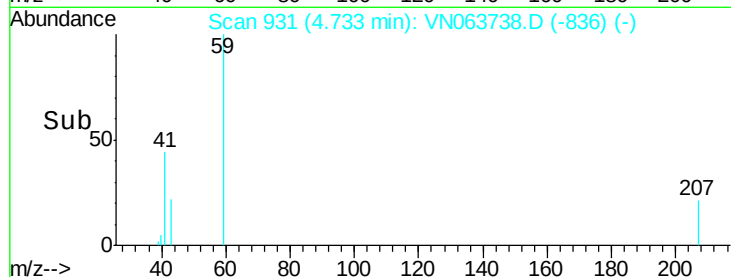
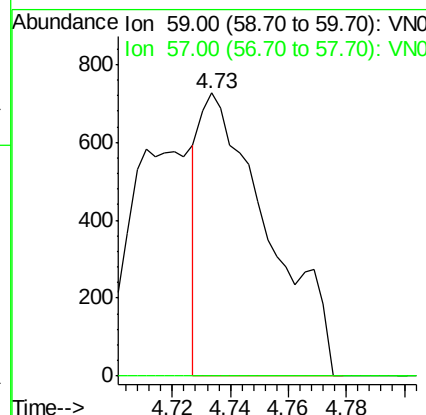
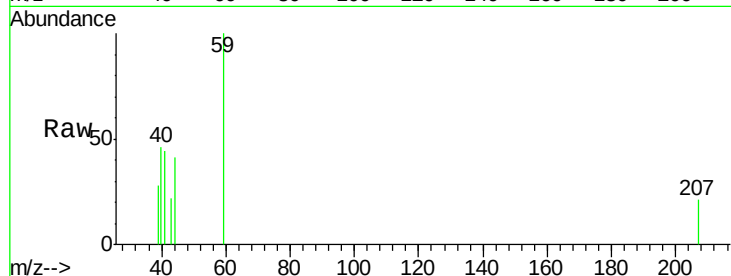


#11

Tert butyl alcohol
Concen: 1.961 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

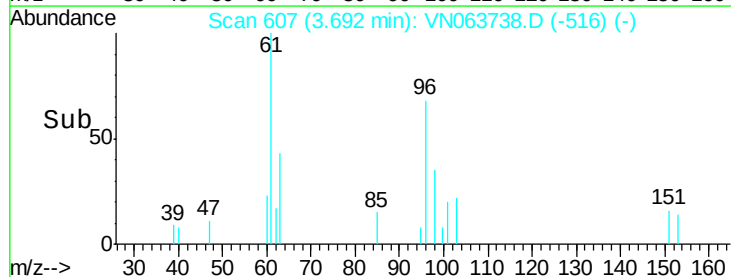
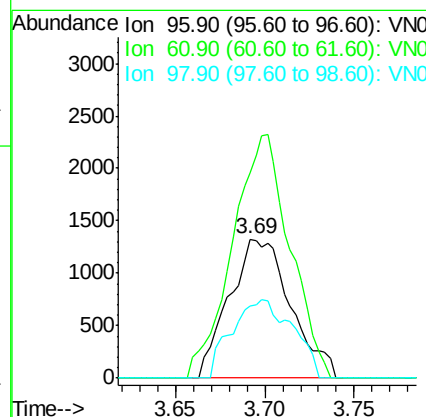
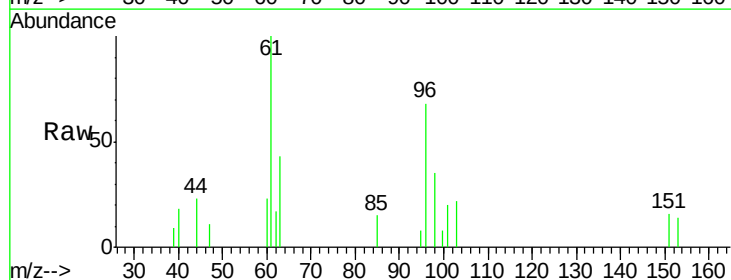
Tgt Ion: 59 Resp: 1187
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

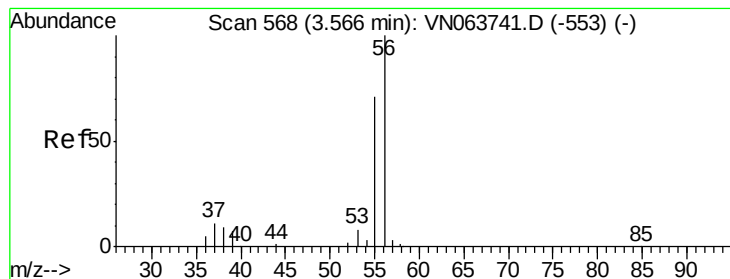


#12

1,1-Dichloroethene
Concen: 1.076 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 96 Resp: 3172
Ion Ratio Lower Upper
96 100
61 147.5 147.7 221.5#
98 51.9 51.9 77.9





#13

Acrolein

Concen: 4.722 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

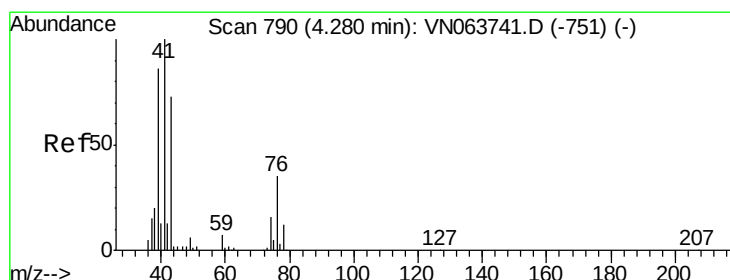
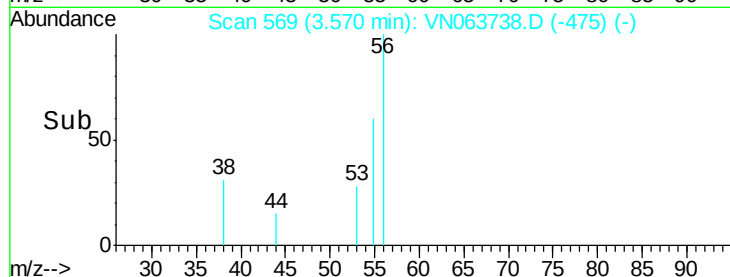
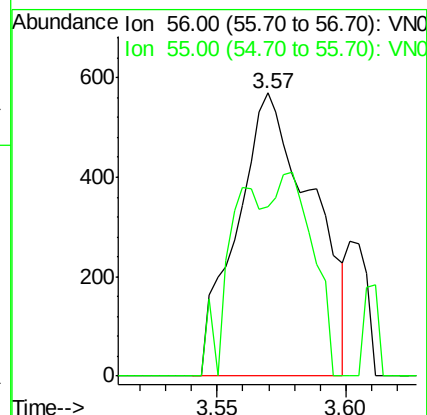
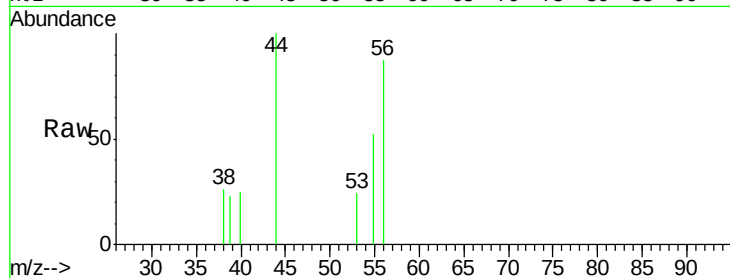
VSTDIC001

Tgt Ion: 56 Resp: 1168

Ion Ratio Lower Upper

56 100

55 30.0 56.9 85.3#



#14

Allyl chloride

Concen: 0.893 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

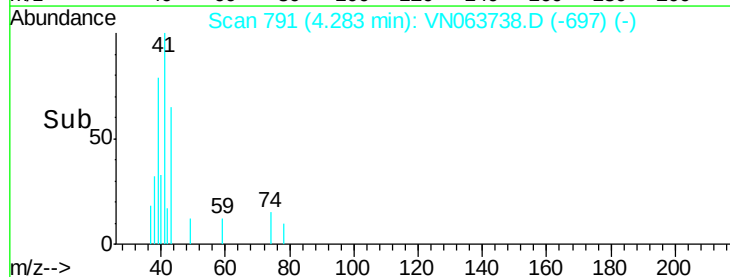
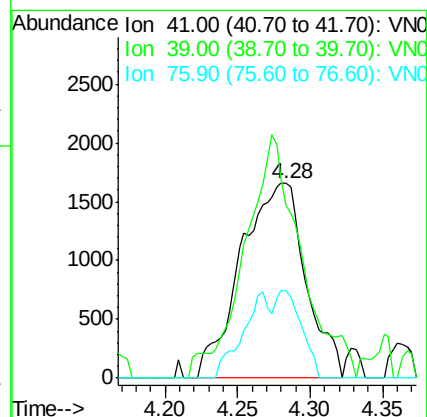
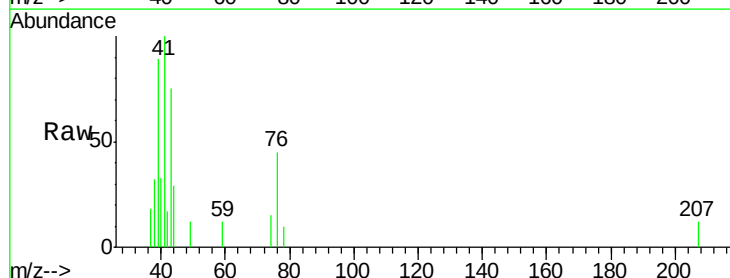
Tgt Ion: 41 Resp: 5169

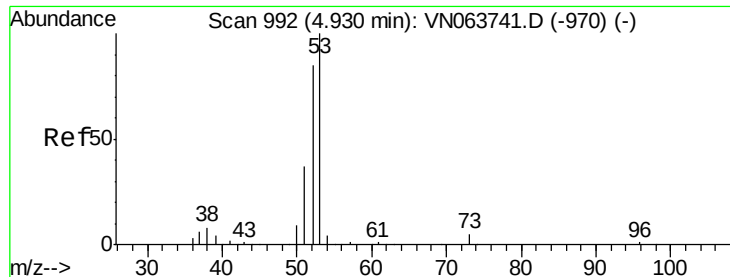
Ion Ratio Lower Upper

41 100

39 0.0 64.5 96.7#

76 17.7 25.9 38.9#





#15

Acrylonitrile

Concen: 2.191 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

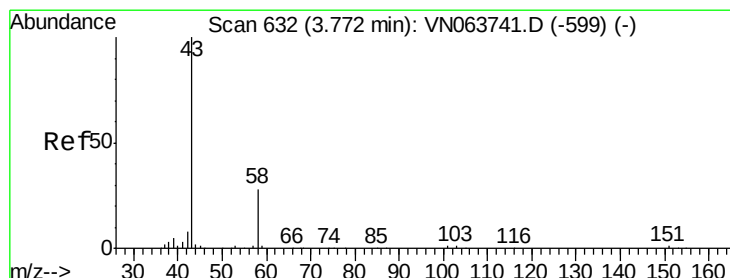
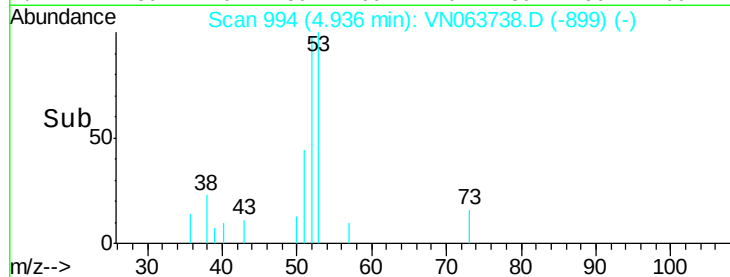
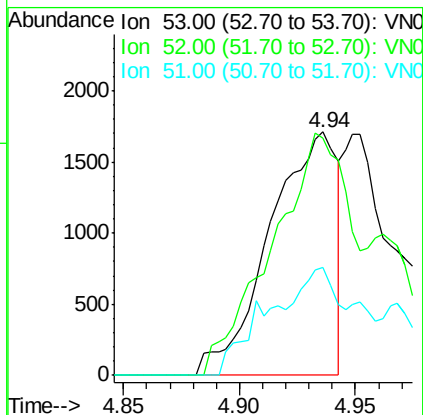
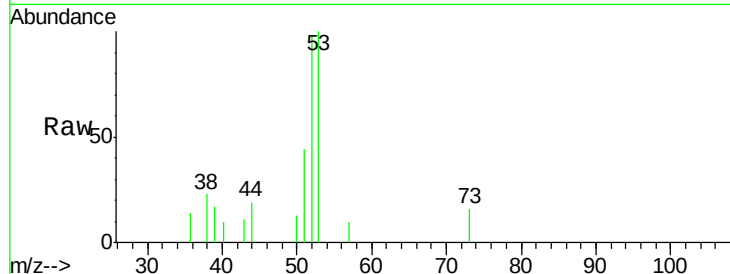
Tgt Ion: 53 Resp: 3441

Ion Ratio Lower Upper

53 100

52 113.9 66.5 99.7#

51 45.5 29.9 44.9#



#16

Acetone

Concen: 5.464 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063738.D

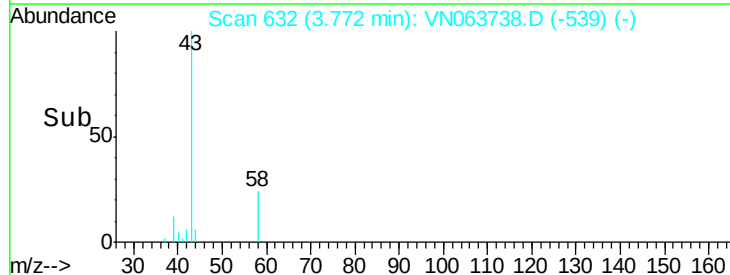
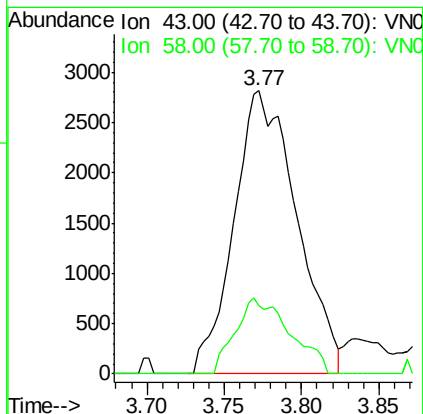
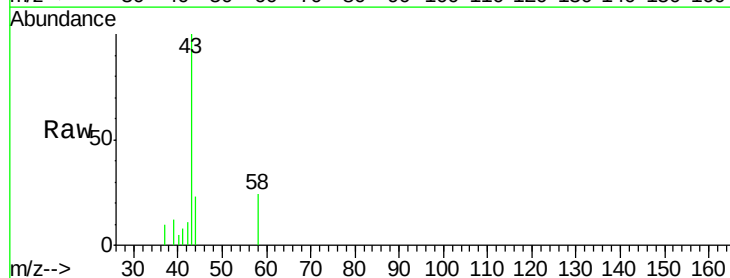
Acq: 30 Sep 2020 9:48

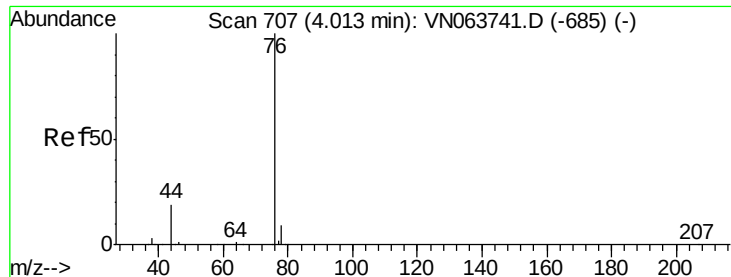
Tgt Ion: 43 Resp: 7947

Ion Ratio Lower Upper

43 100

58 24.3 22.3 33.5

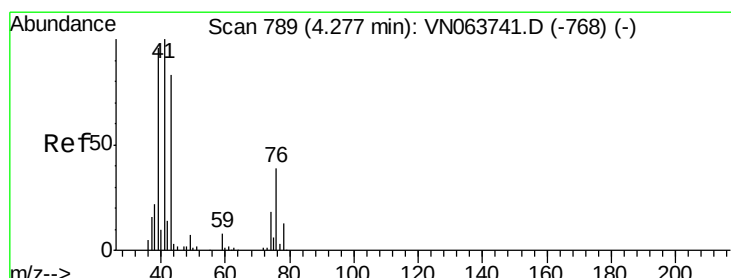
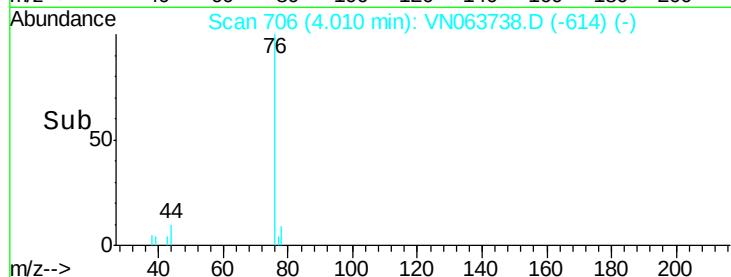
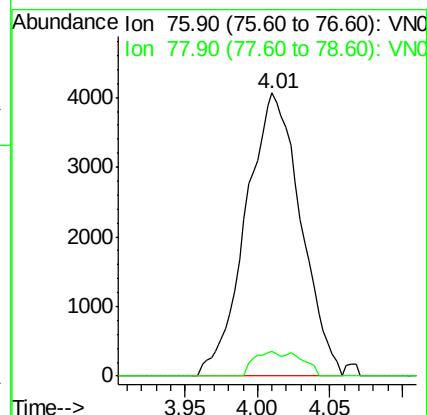
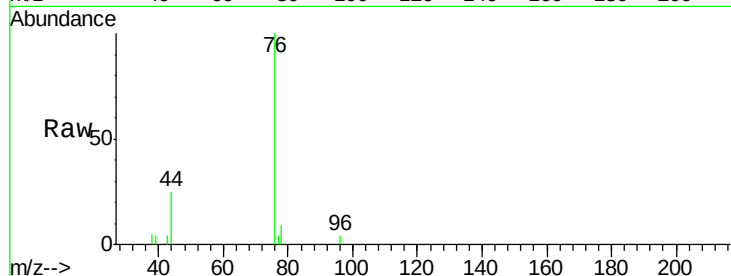




#17
Carbon Disulfide
Concen: 1.257 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

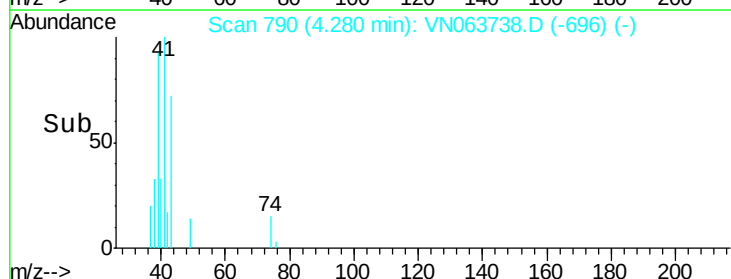
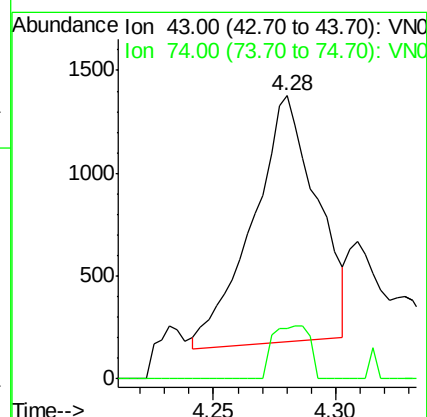
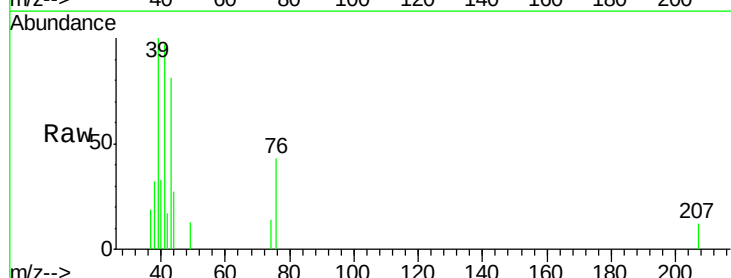
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

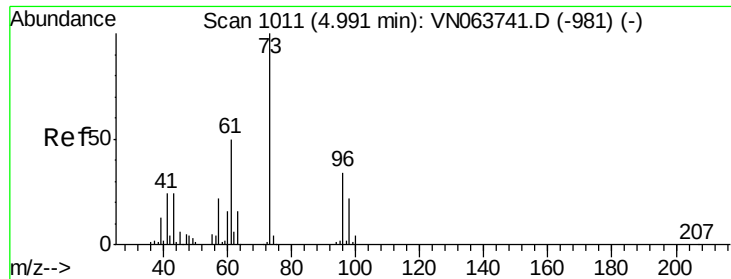
Tgt Ion: 76 Resp: 10699
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 0.596 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 43 Resp: 2188
Ion Ratio Lower Upper
43 100
74 12.6 17.4 26.2#

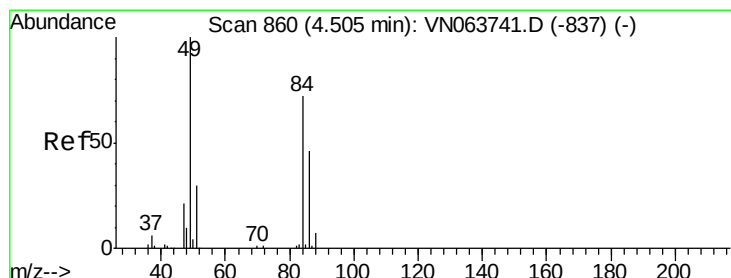
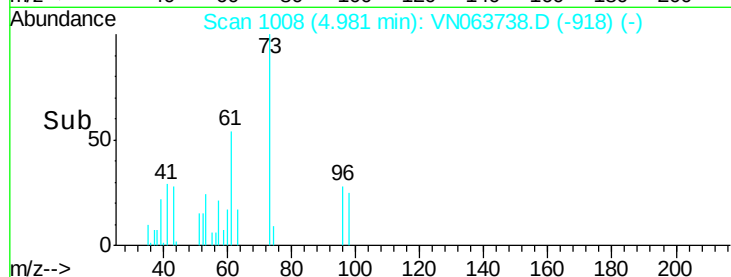
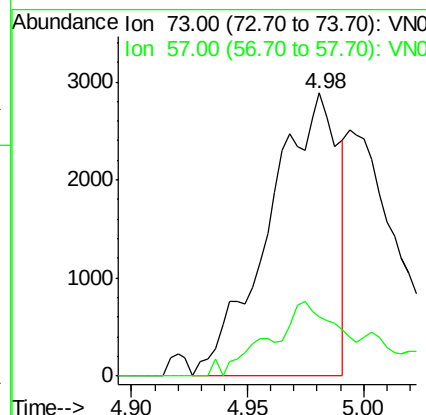
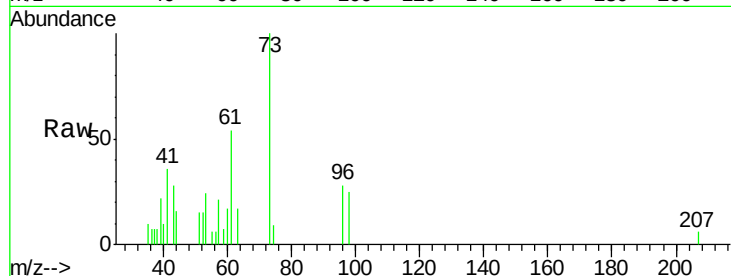




#19
Methyl tert-butyl Ether
Concen: 0.544 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

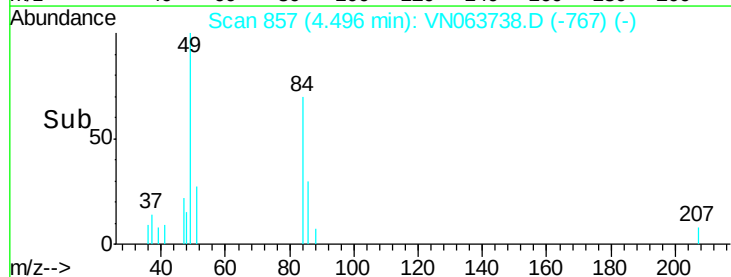
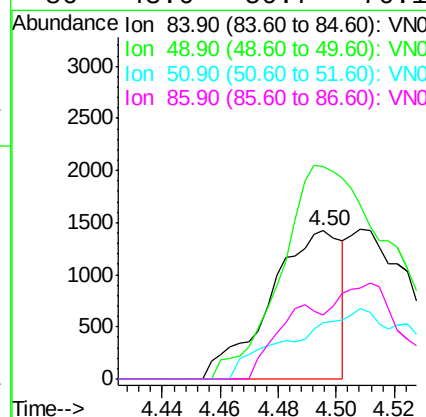
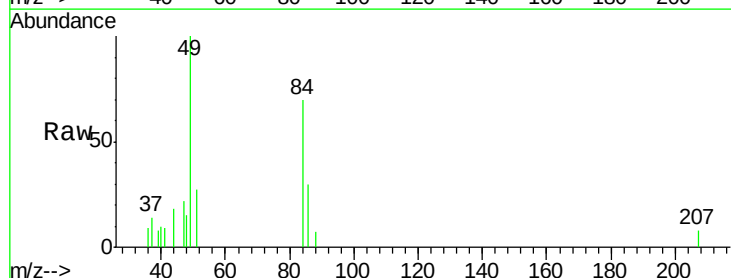
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

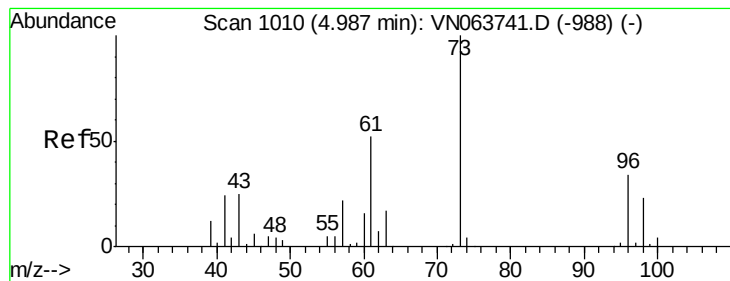
Tgt Ion: 73 Resp: 6006
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4



#20
Methylene Chloride
Concen: 0.669 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 84 Resp: 2441
Ion Ratio Lower Upper
84 100
49 143.2 110.4 165.6
51 38.2 33.3 49.9
86 43.0 50.7 76.1#





#21

trans-1,2-Dichloroethene

Concen: 0.692 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

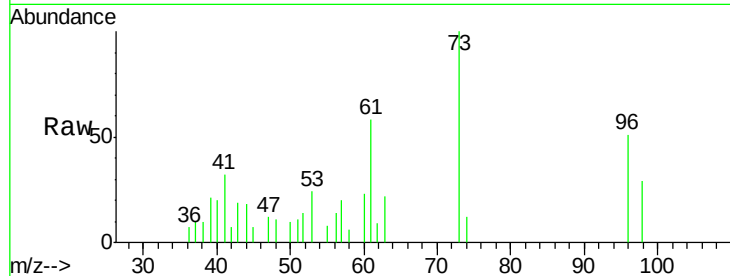
Tgt Ion: 96 Resp: 2266

Ion Ratio Lower Upper

96 100

61 95.5 120.2 180.2#

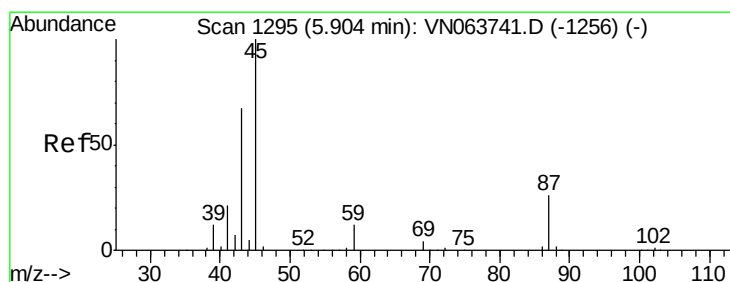
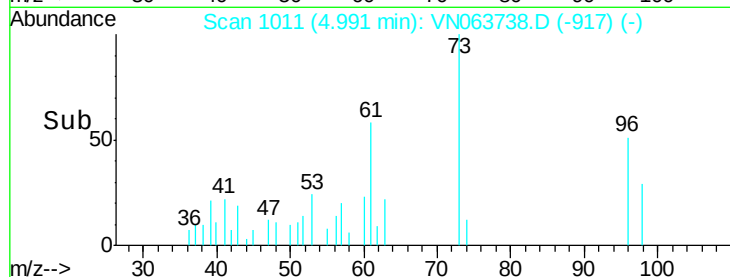
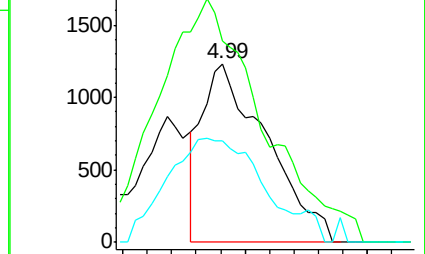
98 43.6 52.6 79.0#



Abundance Ion 95.90 (95.60 to 96.60): VN063738.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN063738.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN063738.D (-917) (-)



#22

Diisopropyl ether

Concen: 0.831 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion: 45 Resp: 9912

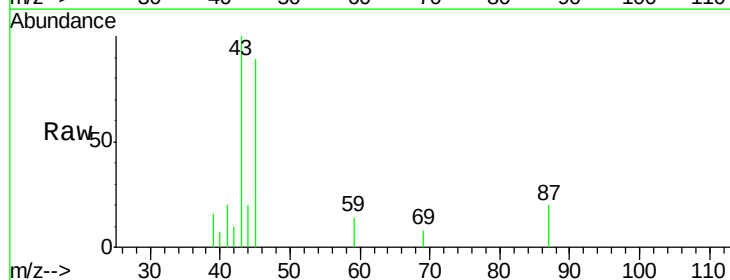
Ion Ratio Lower Upper

45 100

43 98.0 53.7 80.5#

87 22.1 21.1 31.7

59 15.3 9.2 13.8#

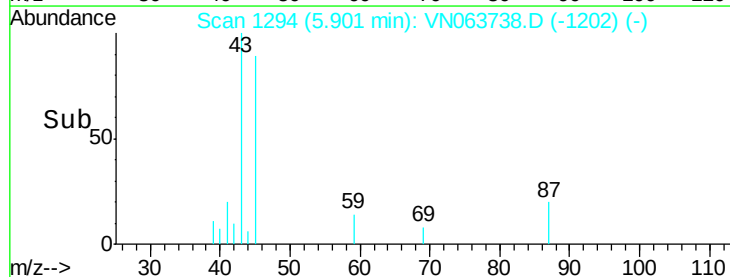
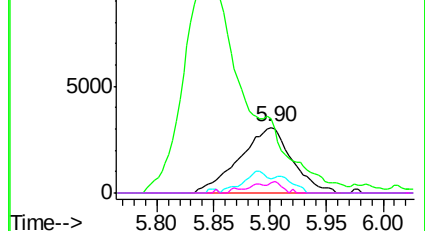


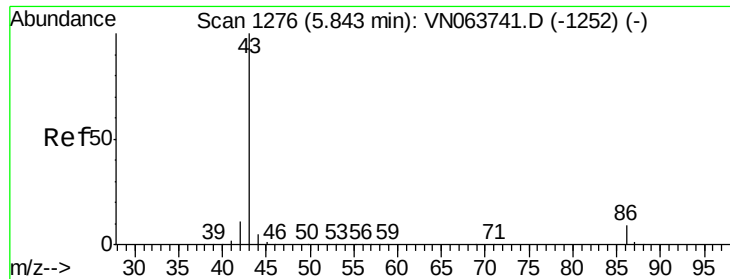
Abundance Ion 45.00 (44.70 to 45.70): VN063738.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063738.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063738.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063738.D (-1202) (-)





#23

Vinyl Acetate

Concen: 4.034 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

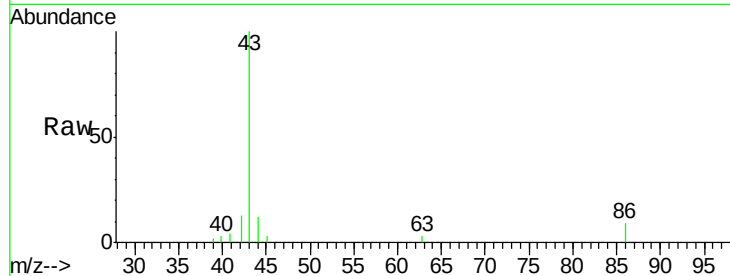
VSTDIC001

Tgt Ion: 43 Resp: 39411

Ion Ratio Lower Upper

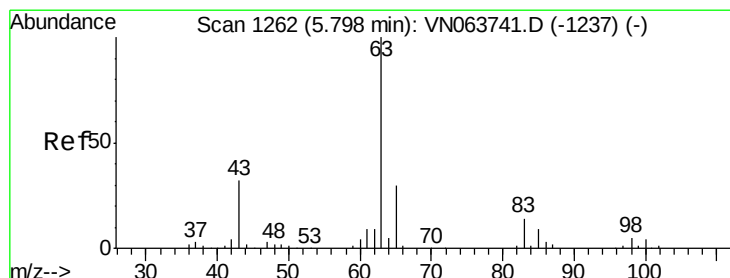
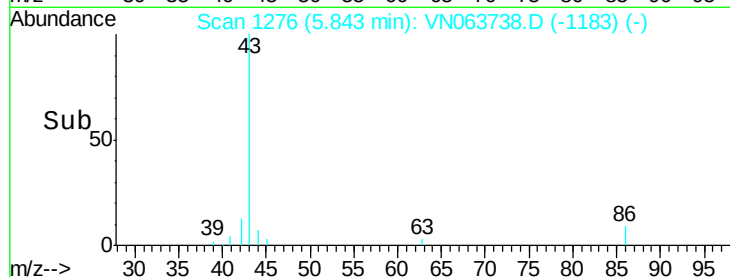
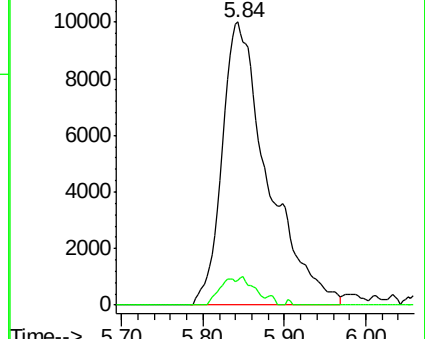
43 100

86 8.6 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN063738.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN063738.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 0.985 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

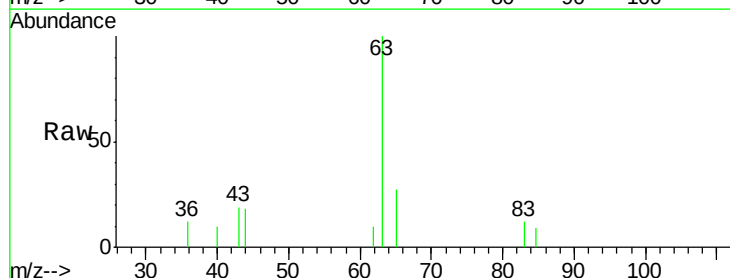
Tgt Ion: 63 Resp: 6415

Ion Ratio Lower Upper

63 100

98 0.0 2.7 8.1#

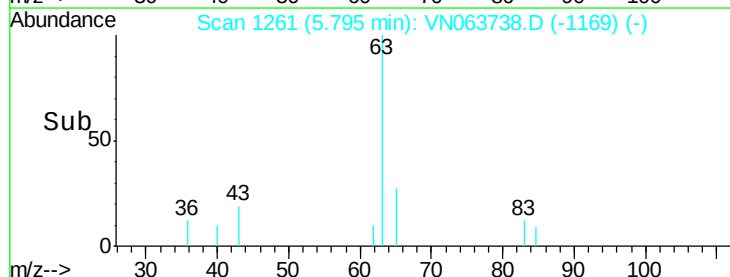
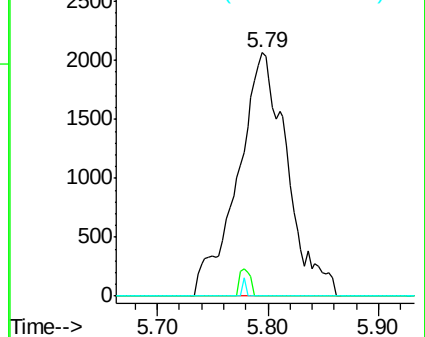
100 0.0 1.9 5.7#

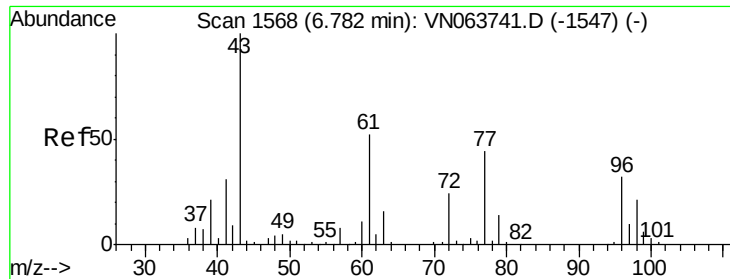


Abundance Ion 62.90 (62.60 to 63.60): VN063738.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN063738.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN063738.D (-1169) (-)





#25

2-Butanone

Concen: 3.910 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

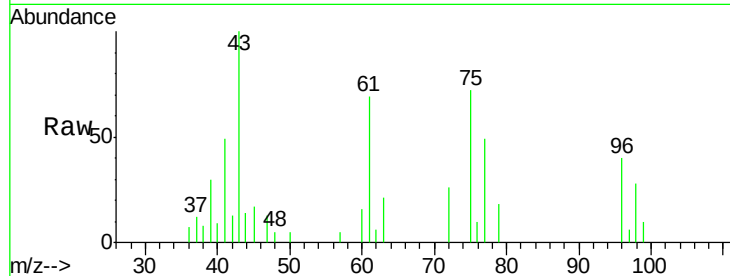
VSTDIC001

Tgt Ion: 43 Resp: 8637

Ion Ratio Lower Upper

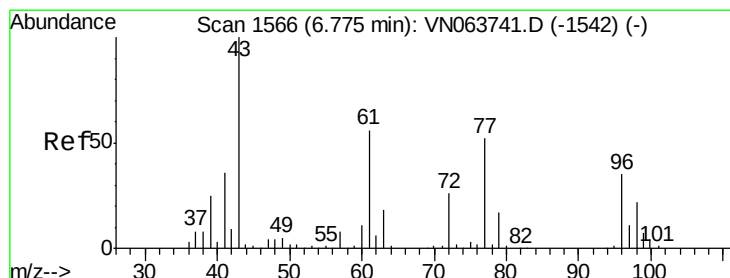
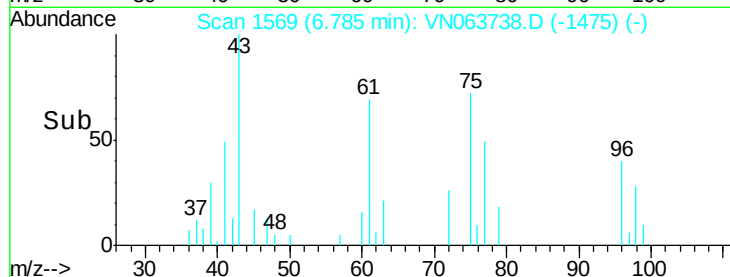
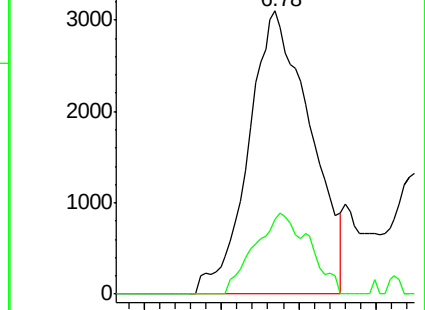
43 100

72 26.4 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN063738.D (-1475) (-)

Ion 72.00 (71.70 to 72.70): VN063738.D (-1475) (-)



#26

2,2-Dichloropropane

Concen: 1.044 ug/l

RT: 6.76 min Scan# 1562

Delta R.T. -0.01 min

Lab File: VN063738.D

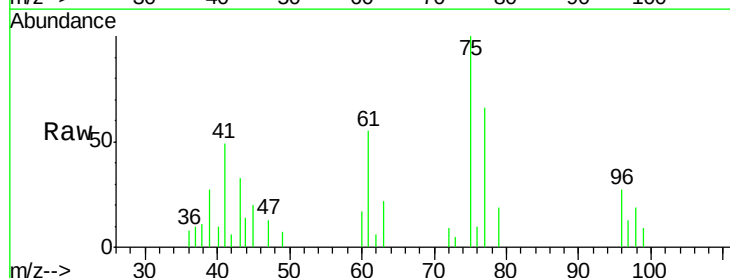
Acq: 30 Sep 2020 9:48

Tgt Ion: 77 Resp: 6036

Ion Ratio Lower Upper

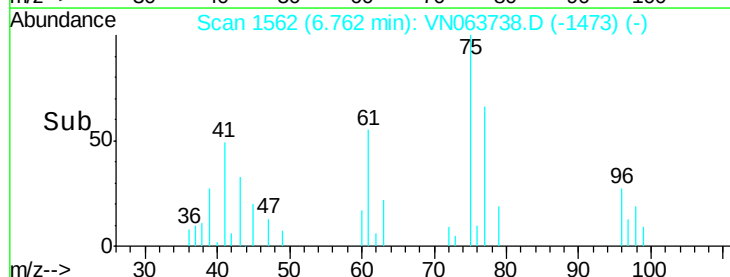
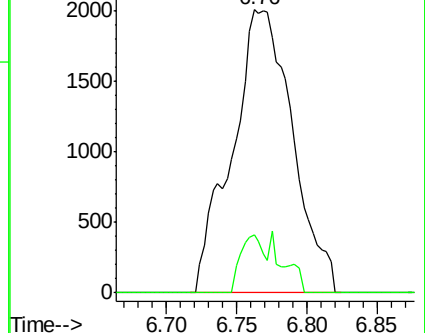
77 100

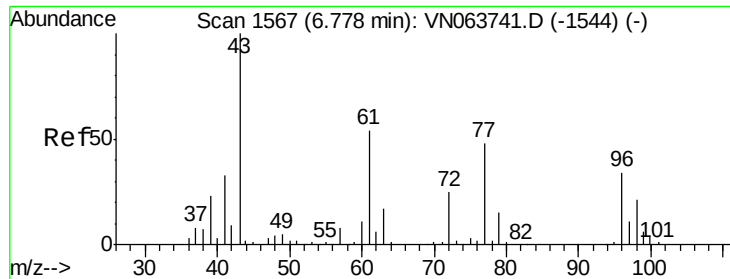
97 8.0 10.8 32.3#



Abundance Ion 76.90 (76.60 to 77.60): VN063738.D (-1473) (-)

Ion 96.90 (96.60 to 97.60): VN063738.D (-1473) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.465 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

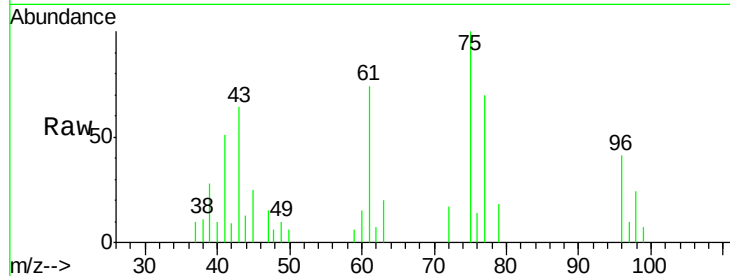
Tgt Ion: 96 Resp: 1726

Ion Ratio Lower Upper

96 100

61 221.7 0.0 321.2

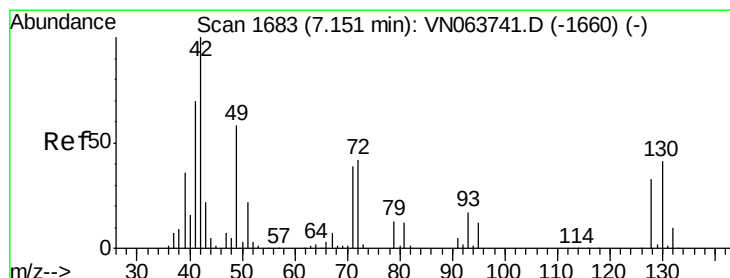
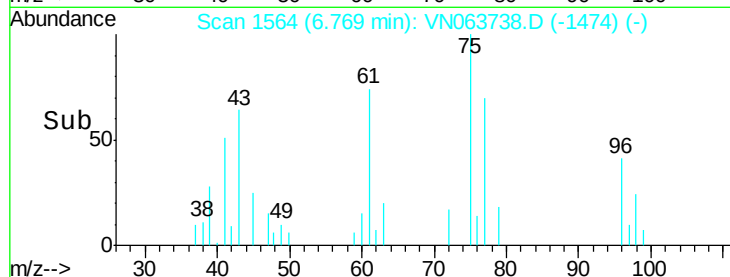
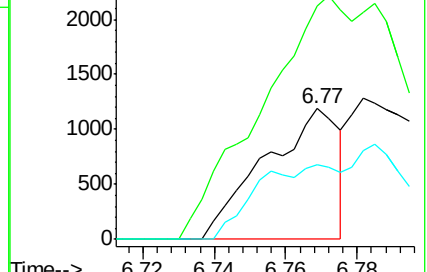
98 62.9 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063738.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063738.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063738.D (-1544) (-)



#28

Bromochloromethane

Concen: 0.445 ug/l

RT: 7.14 min Scan# 1678

Delta R.T. -0.02 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

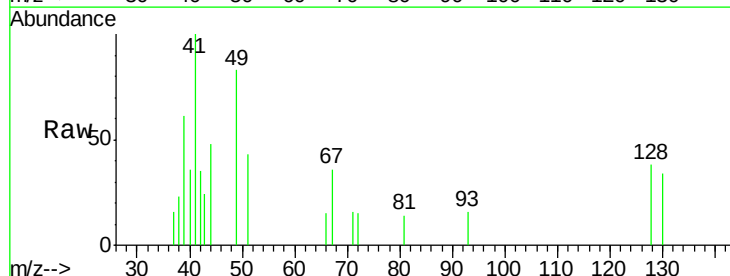
Tgt Ion: 49 Resp: 1366

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

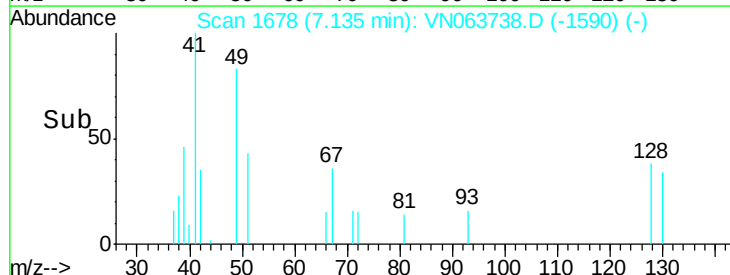
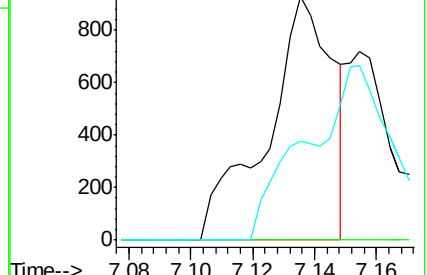
130 89.5 55.6 83.4#

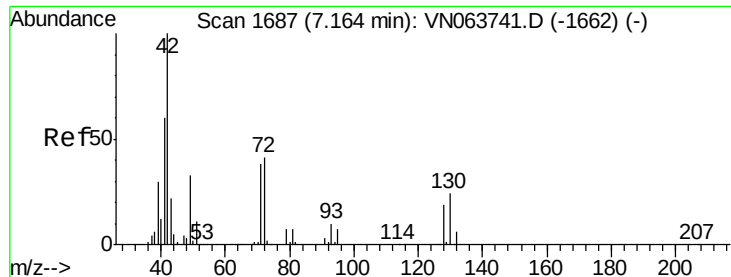


Abundance Ion 48.90 (48.60 to 49.60): VN063738.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063738.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063738.D (-1590) (-)

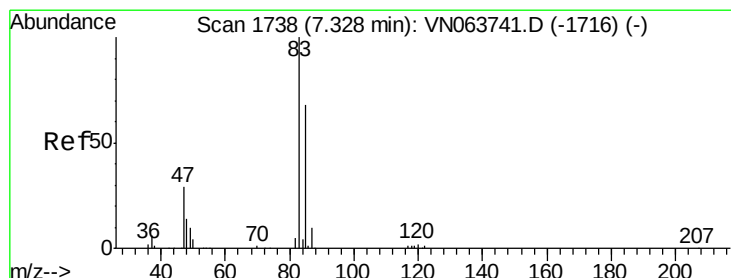
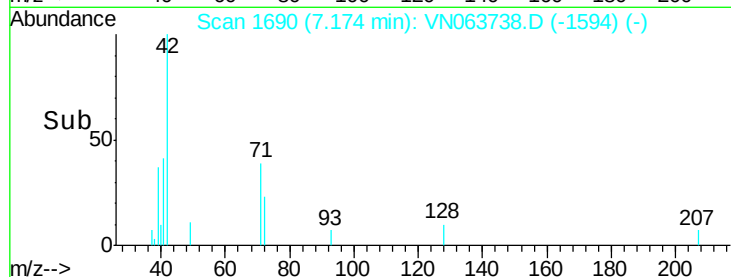
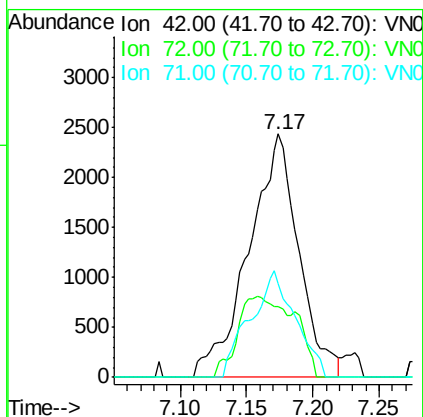
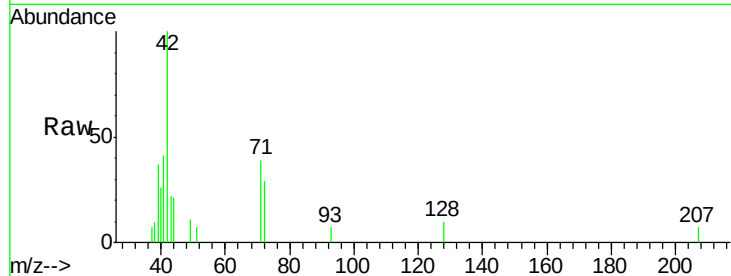




#29
Tetrahydrofuran
Concen: 4.251 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

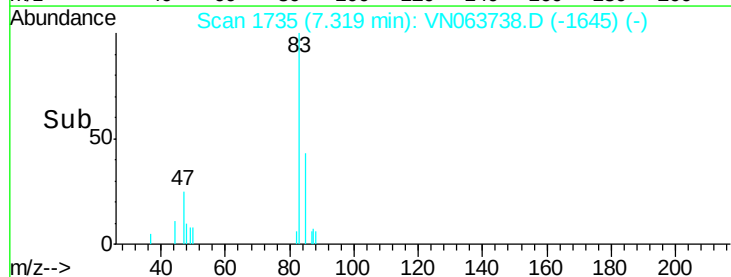
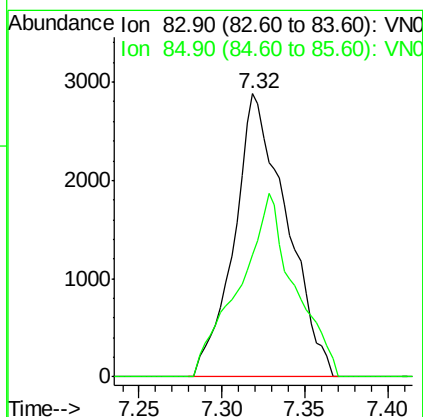
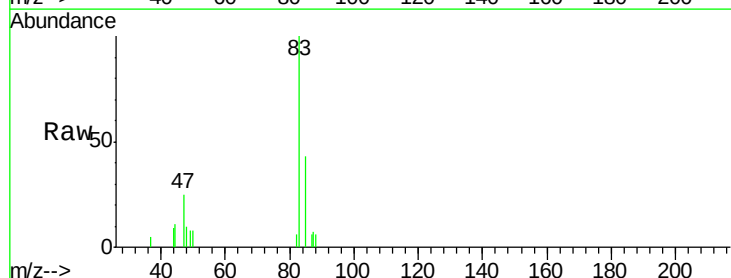
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

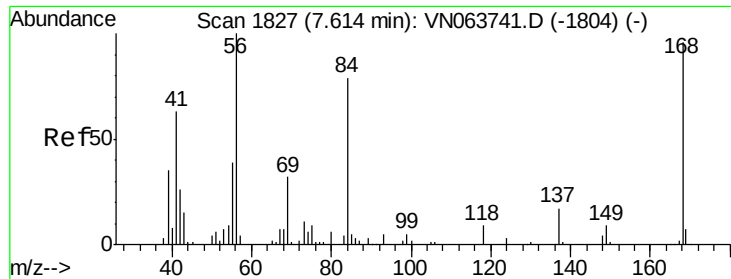
Tgt Ion: 42 Resp: 6409
Ion Ratio Lower Upper
42 100
72 38.0 32.8 49.2
71 39.3 30.6 45.8



#30
Chloroform
Concen: 0.965 ug/l
RT: 7.32 min Scan# 1735
Delta R.T. -0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 83 Resp: 6348
Ion Ratio Lower Upper
83 100
85 43.0 54.6 82.0#

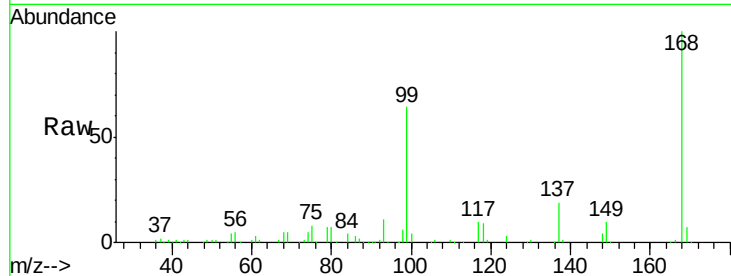




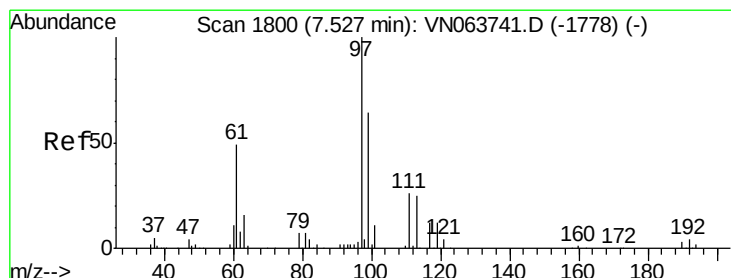
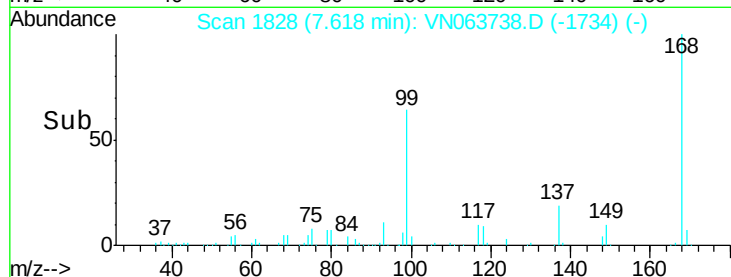
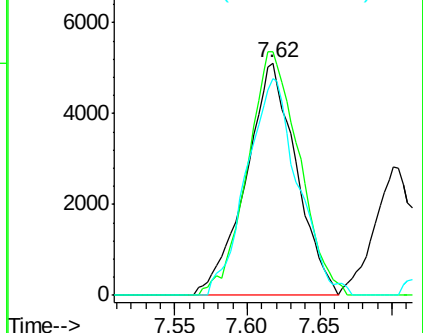
#31
Cyclohexane
Concen: 2.035 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
56	100		
69	104.8	25.4	38.2#
84	93.1	63.3	94.9

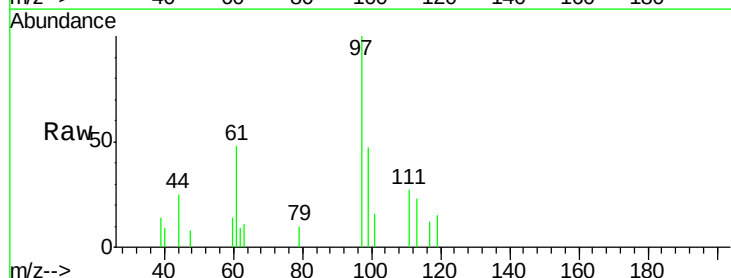


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

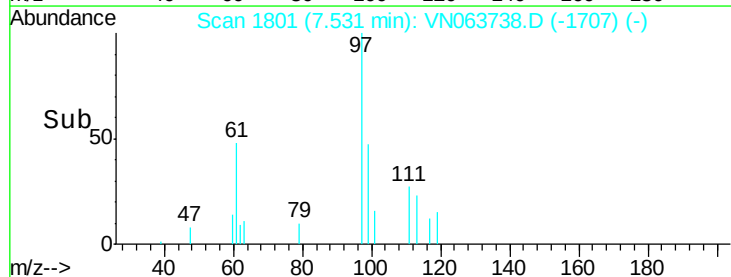
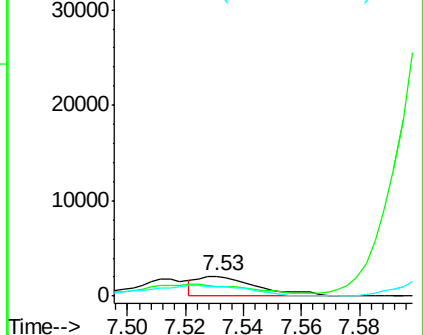


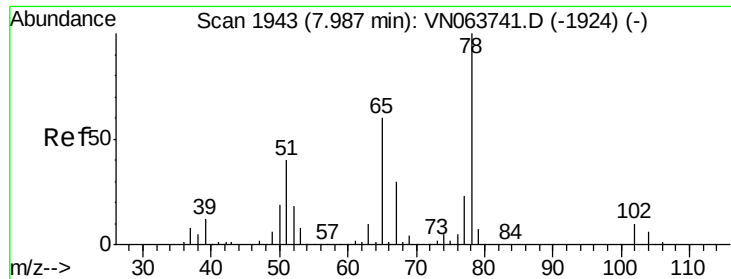
#32
1,1,1-Trichloroethane
Concen: 0.508 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.6#
61	90.4	38.7	58.1#



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

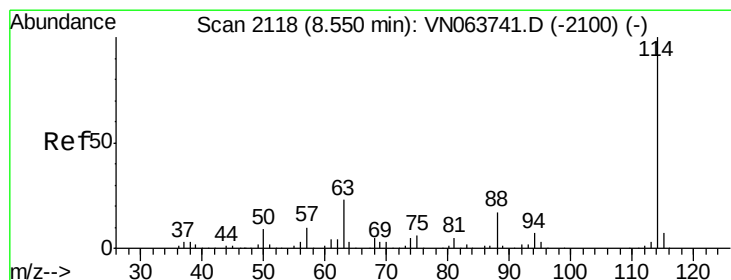
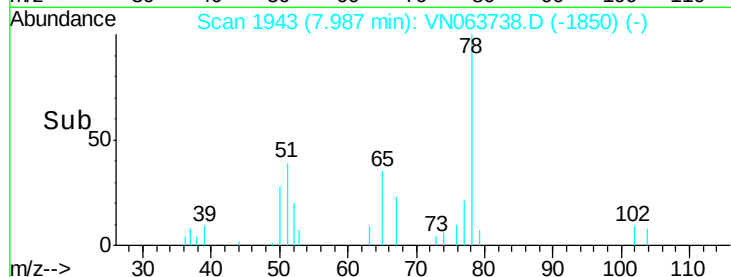
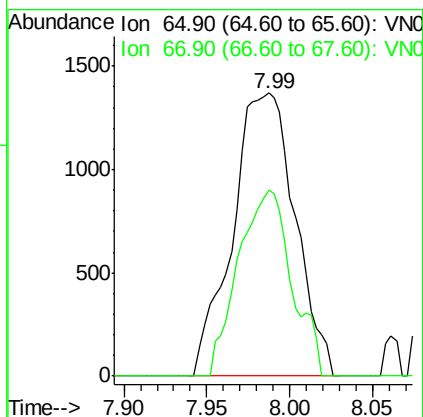
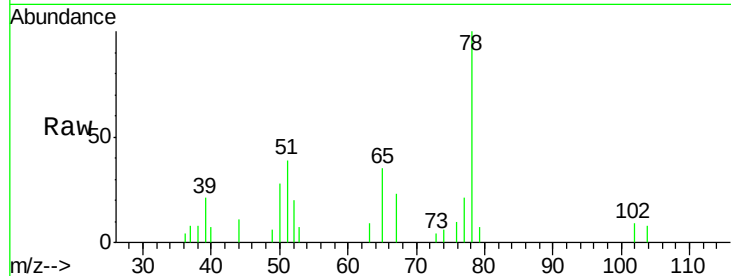




#33
 1,2-Dichloroethane-d4
 Concen: 0.792 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

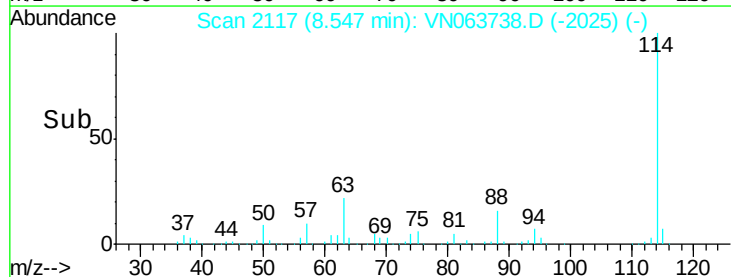
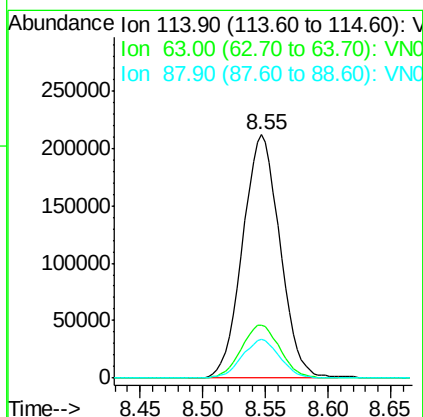
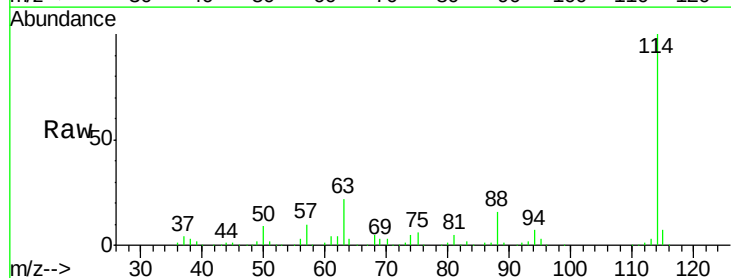
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

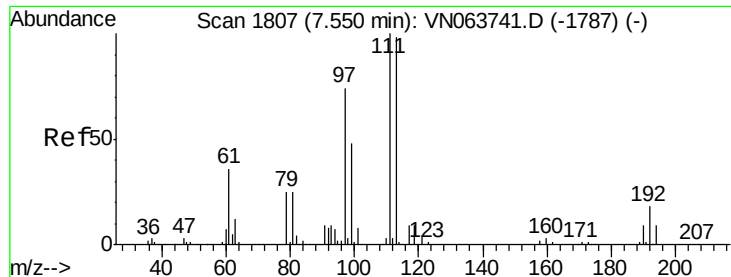
Tgt Ion: 65 Resp: 3604
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 114 Resp: 438543
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.0
 88 15.9 0.0 34.0

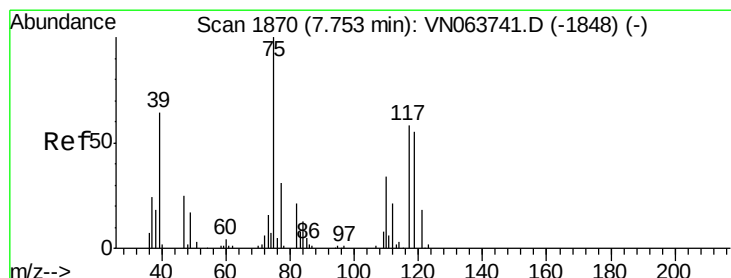
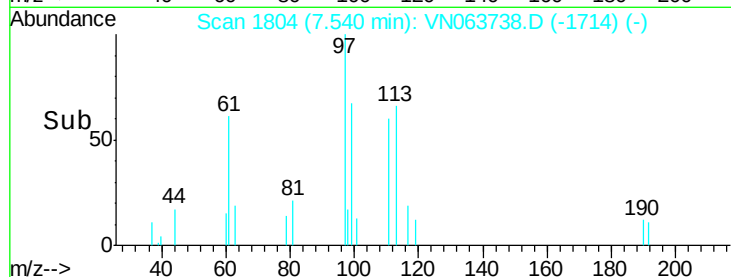
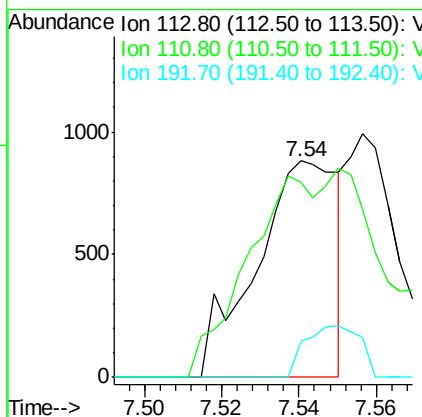
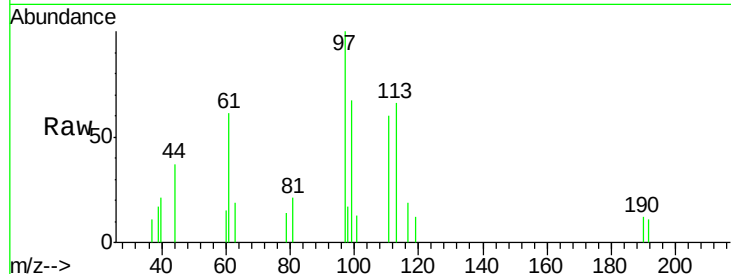




#35
 Dibromofluoromethane
 Concen: 0.424 ug/l
 RT: 7.54 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

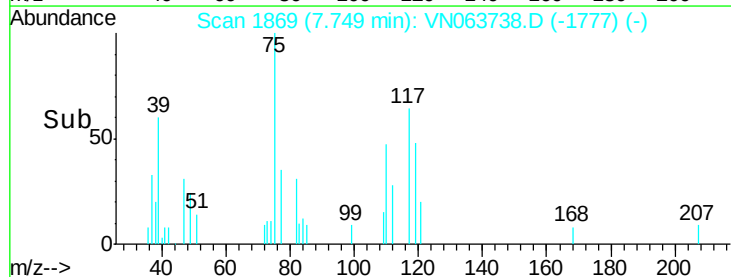
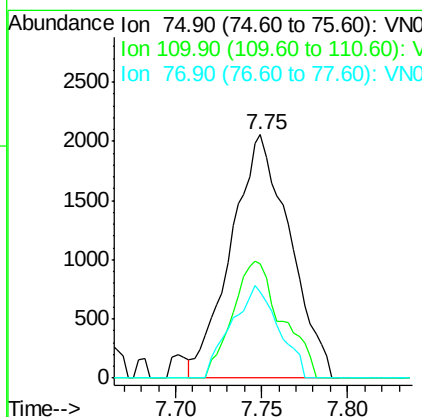
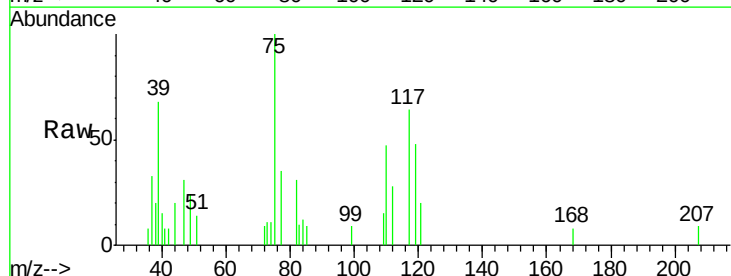
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

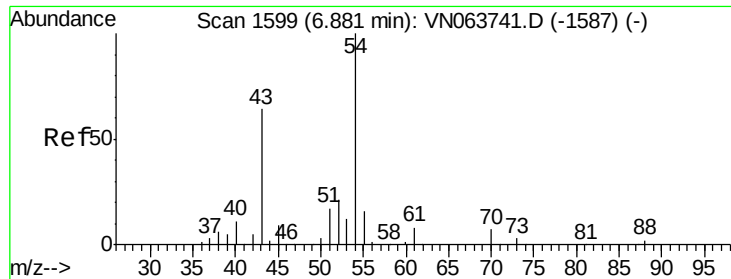
Tgt Ion: 113 Resp: 1290
 Ion Ratio Lower Upper
 113 100
 111 77.4 81.8 122.8#
 192 16.1 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 1.061 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 75 Resp: 4881
 Ion Ratio Lower Upper
 75 100
 110 40.3 16.9 50.6
 77 30.4 24.5 36.7

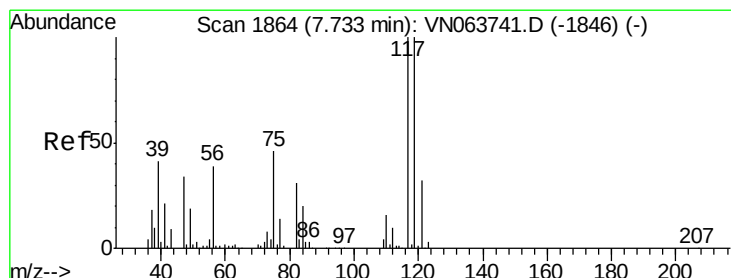
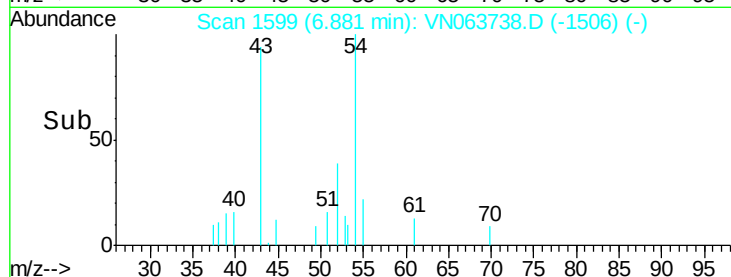
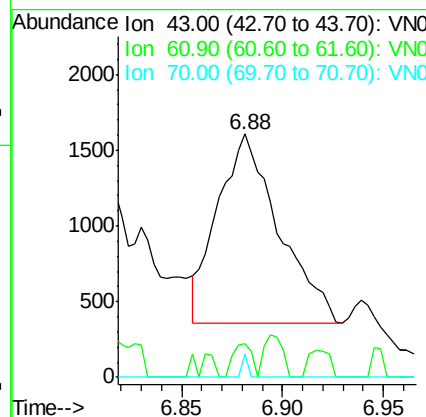
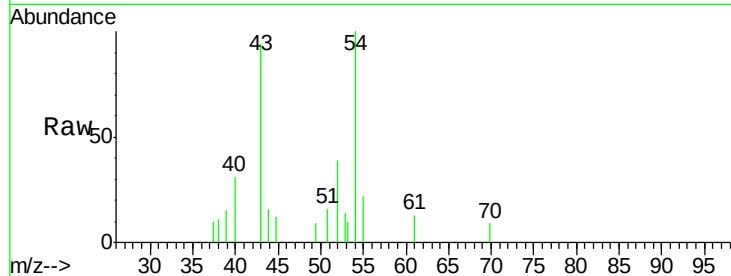




#37
Ethyl Acetate
 Concen: 0.590 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

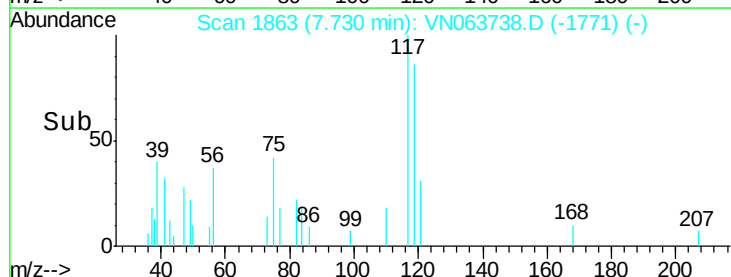
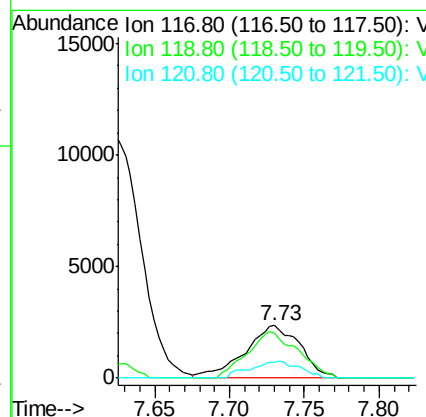
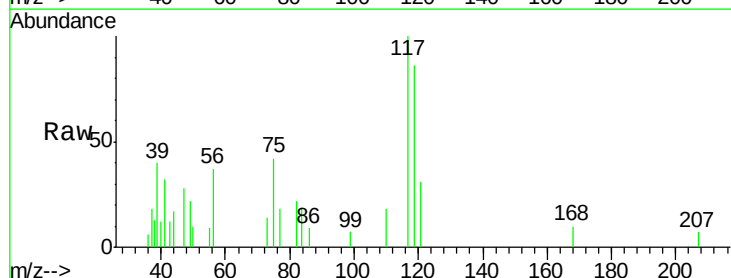
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

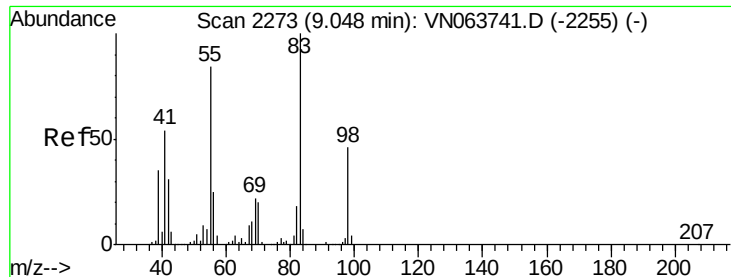
Tgt Ion: 43 Resp: 2652
 Ion Ratio Lower Upper
 43 100
 61 5.5 10.4 15.6#
 70 1.1 7.3 10.9#



#38
Carbon Tetrachloride
 Concen: 1.267 ug/l
 RT: 7.73 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 117 Resp: 6014
 Ion Ratio Lower Upper
 117 100
 119 86.0 80.1 120.1
 121 30.9 25.7 38.5

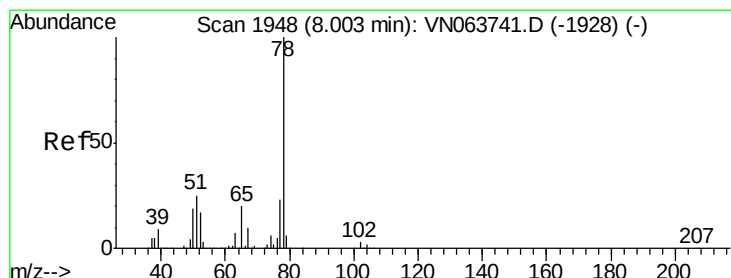
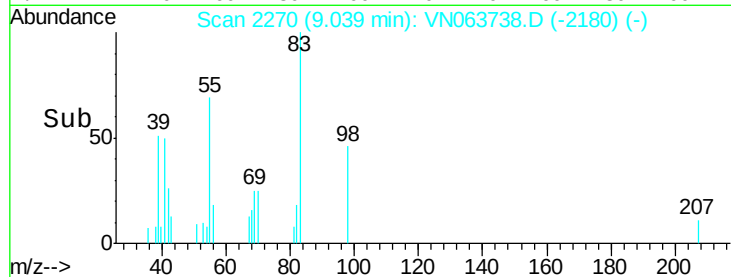
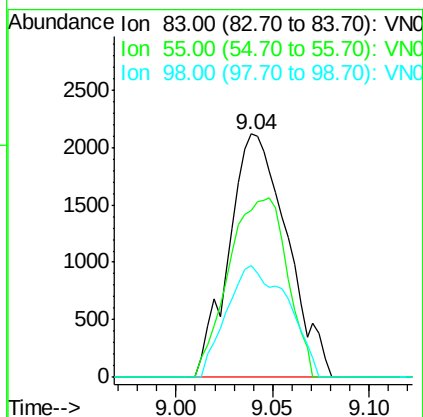
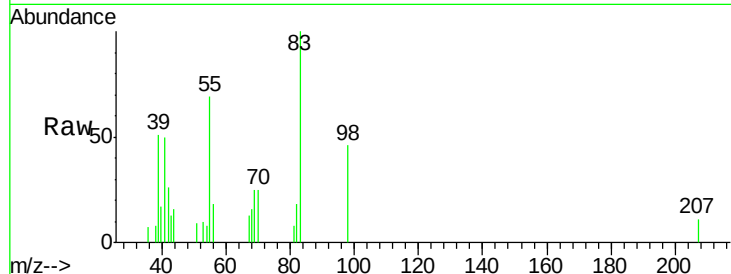




#39
Methylcyclohexane
Concen: 0.890 ug/l
RT: 9.04 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

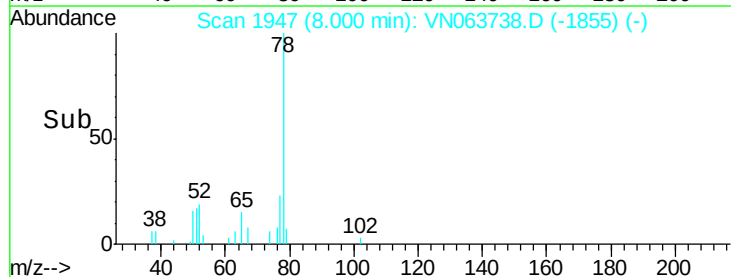
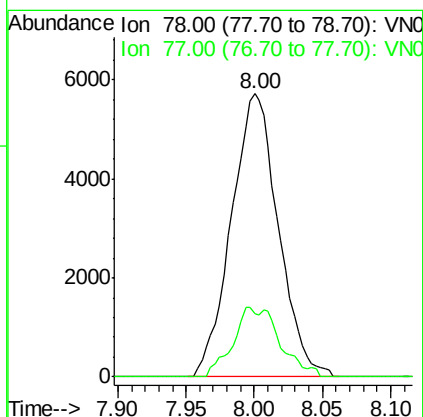
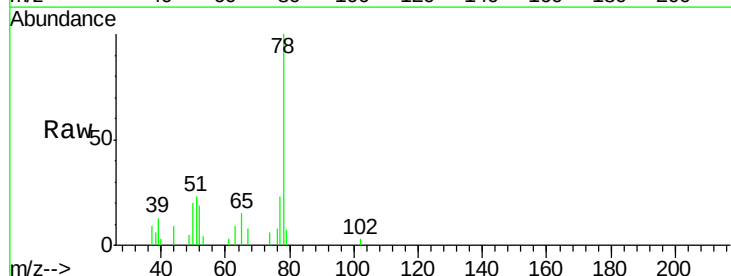
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

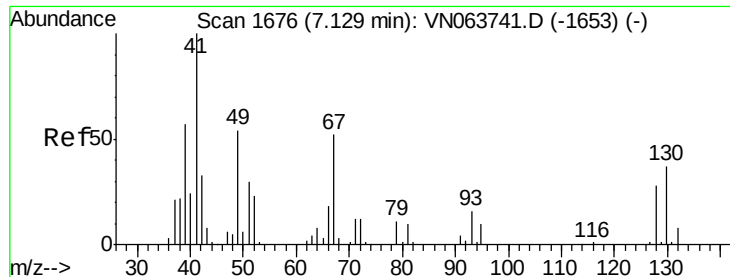
Tgt Ion: 83 Resp: 4406
Ion Ratio Lower Upper
83 100
55 68.7 67.1 100.7
98 46.1 36.6 54.8



#40
Benzene
Concen: 1.041 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 78 Resp: 13678
Ion Ratio Lower Upper
78 100
77 22.5 18.7 28.1

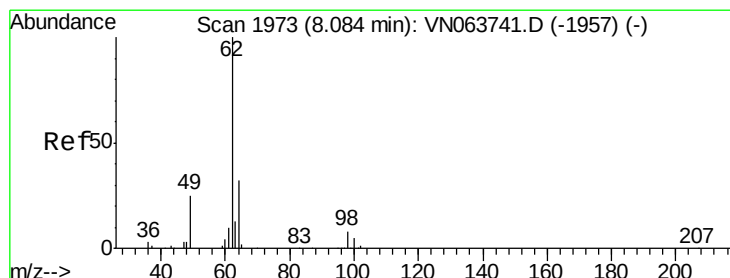
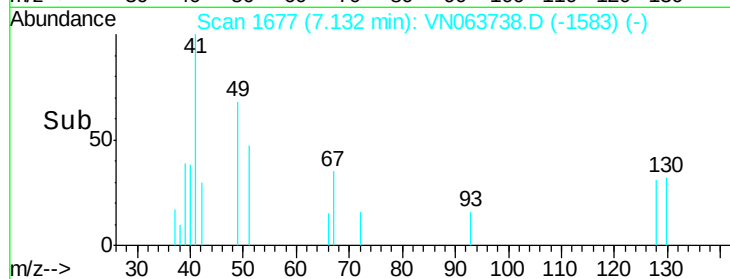
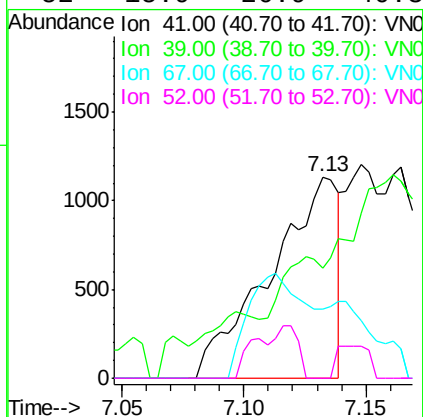
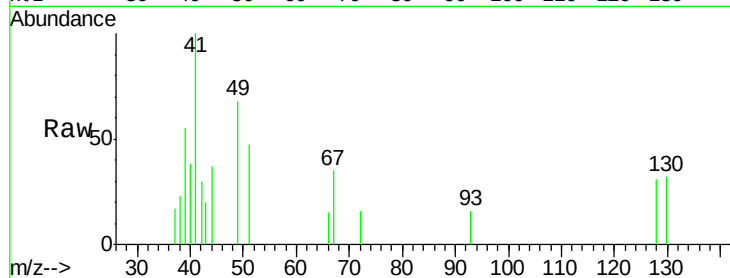




#41
Methacrylonitrile
Concen: 1.066 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

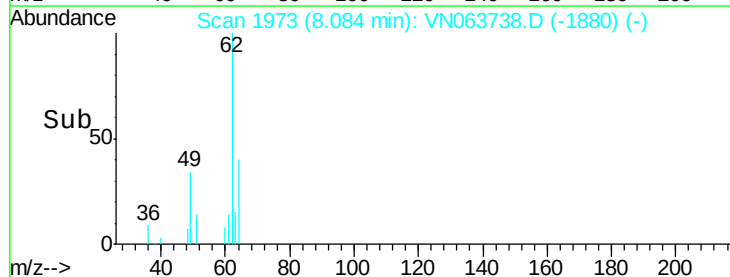
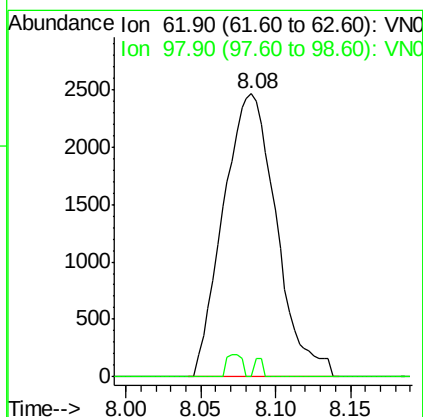
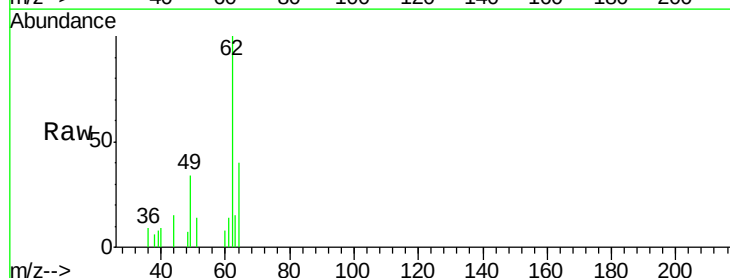
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

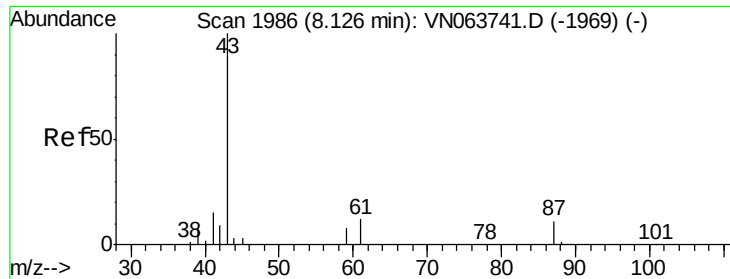
Tgt Ion:	41	Resp:	2197
Ion	Ratio	Lower	Upper
41	100		
39	30.2	42.5	63.7#
67	46.4	57.4	86.2#
52	15.9	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 1.139 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion:	62	Resp:	6074
Ion	Ratio	Lower	Upper
62	100		
98	1.0	0.0	15.0





#43

Isopropyl Acetate

Concen: 0.878 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

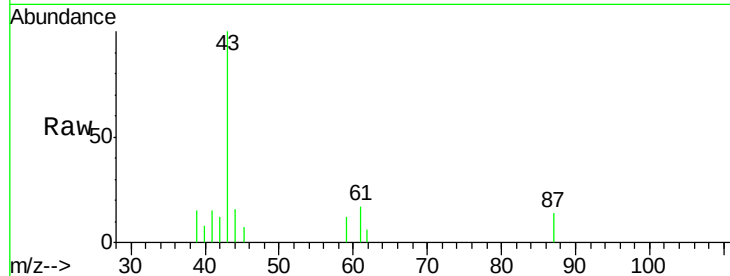
Tgt Ion: 43 Resp: 7075

Ion Ratio Lower Upper

43 100

61 11.6 14.2 21.4#

87 9.2 9.0 13.6

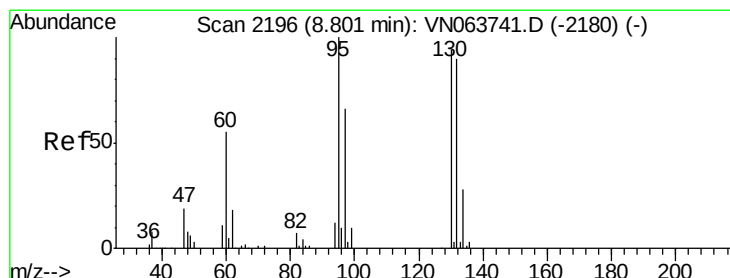
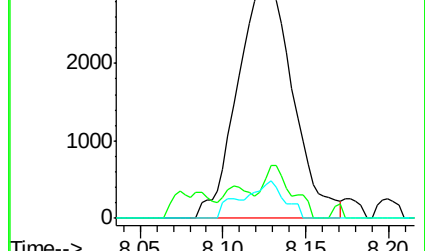
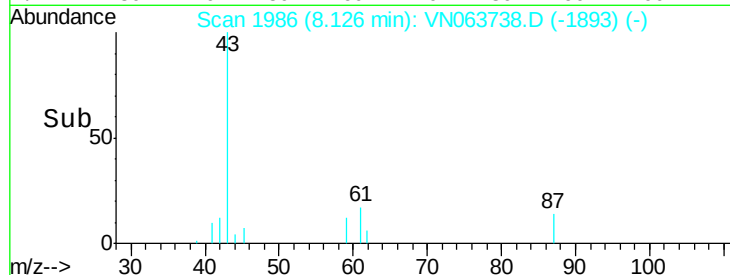


Abundance Ion 43.00 (42.70 to 43.70): VN063738.D (-1983) (-)

Ion 61.00 (60.70 to 61.70): VN063738.D (-1983) (-)

Ion 87.00 (86.70 to 87.70): VN063738.D (-1983) (-)

Time-->



#44

Trichloroethene

Concen: 1.219 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063738.D

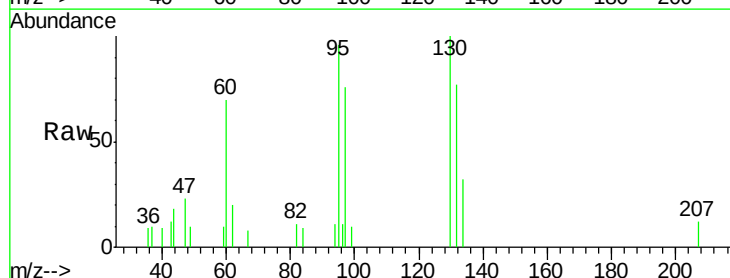
Acq: 30 Sep 2020 9:48

Tgt Ion: 130 Resp: 3931

Ion Ratio Lower Upper

130 100

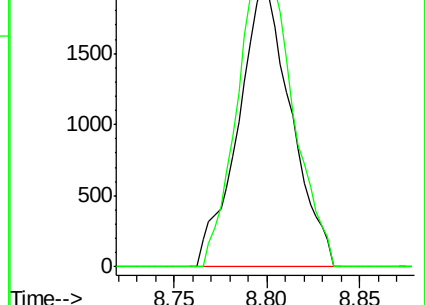
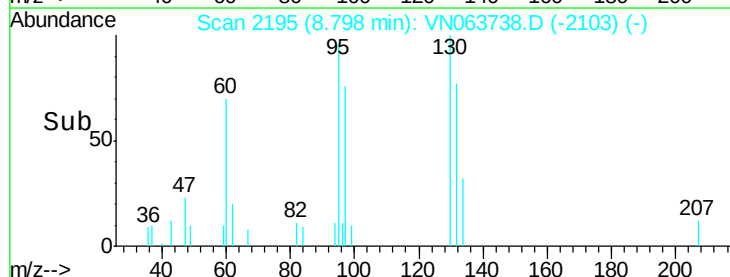
95 95.5 0.0 213.6

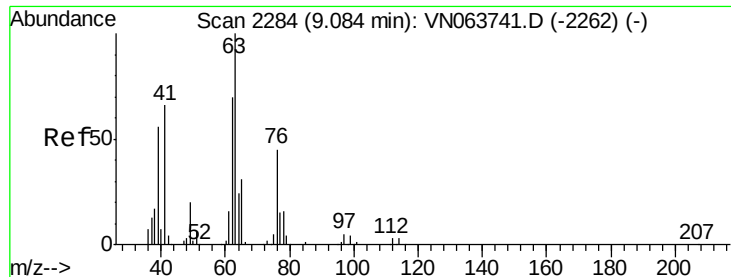


Abundance Ion 129.80 (129.50 to 130.50): VN063738.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063738.D (-2103) (-)

Time-->

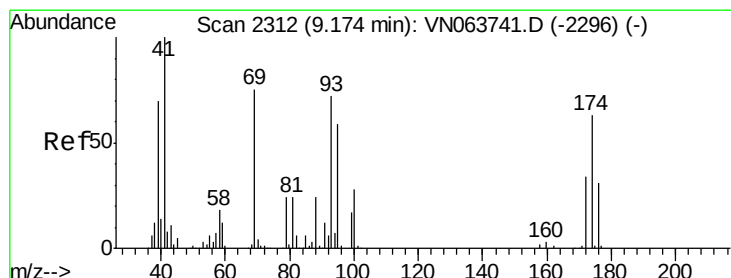
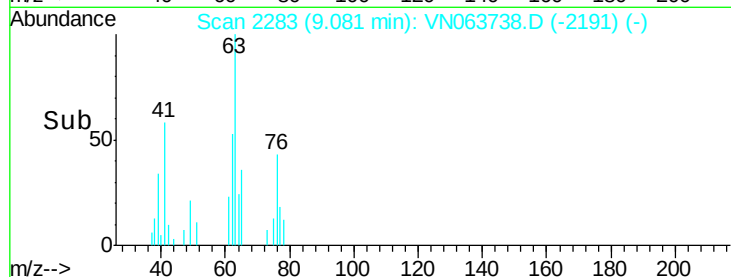
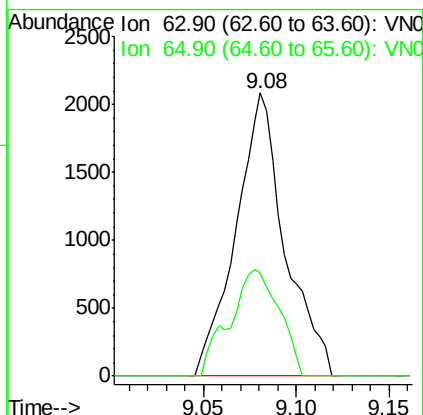
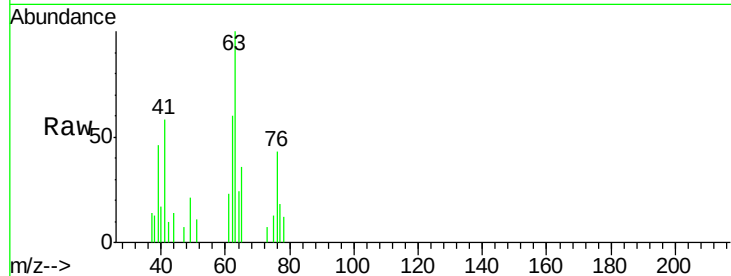




#45
 1,2-Dichloropropane
 Concen: 1.071 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

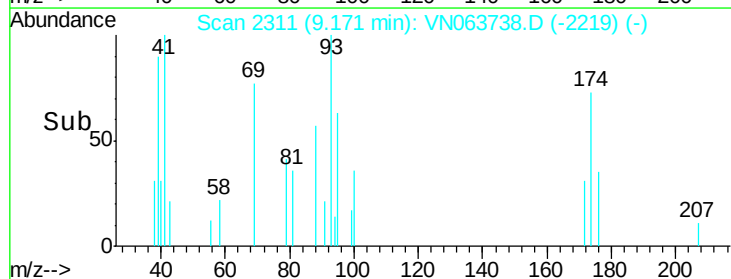
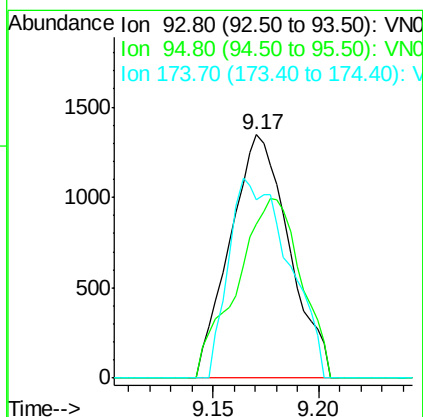
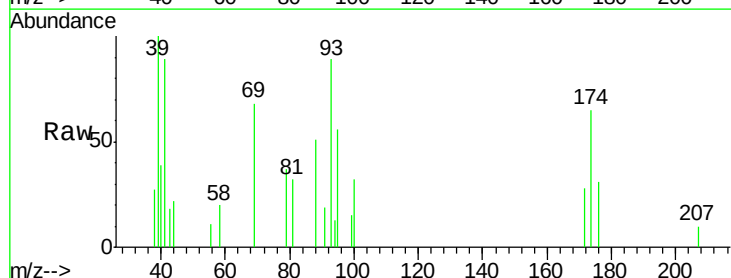
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

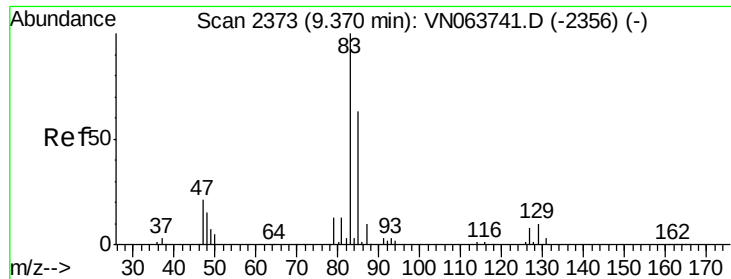
Tgt Ion: 63 Resp: 3827
 Ion Ratio Lower Upper
 63 100
 65 36.3 24.7 37.1



#46
 Dibromomethane
 Concen: 1.111 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 93 Resp: 2623
 Ion Ratio Lower Upper
 93 100
 95 80.0 66.3 99.5
 174 82.7 72.7 109.1

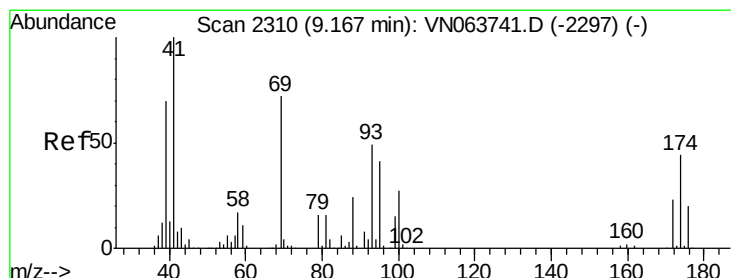
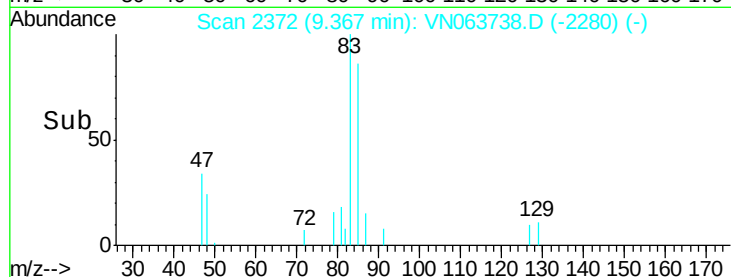
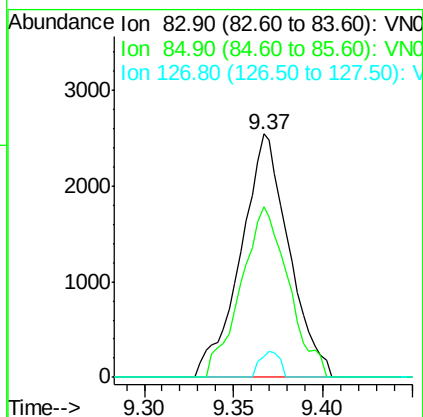
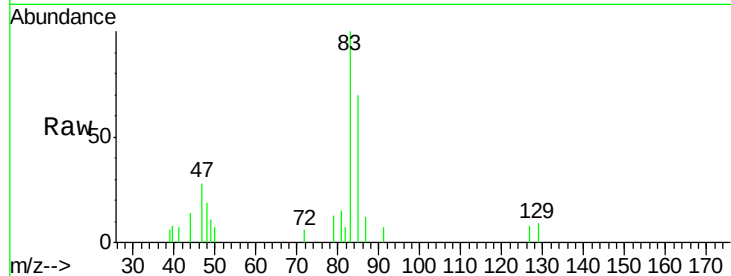




#47
Bromodichloromethane
Concen: 0.975 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

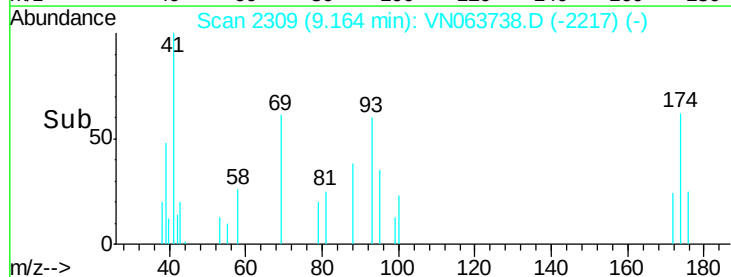
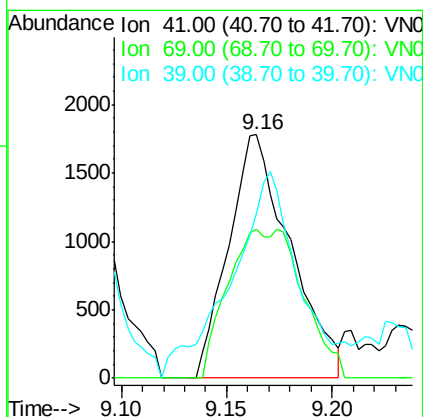
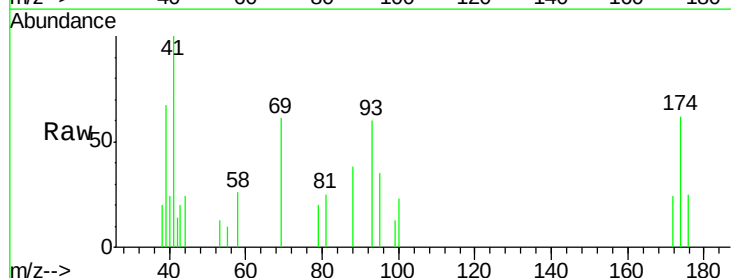
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

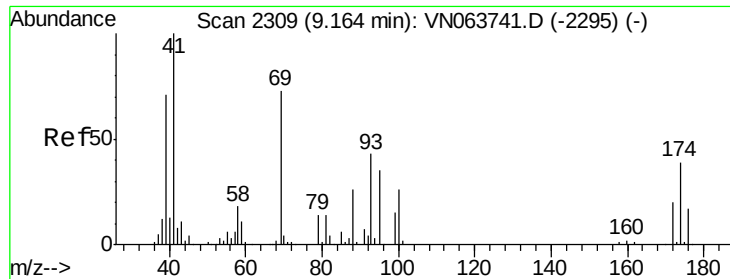
Tgt Ion: 83 Resp: 4805
Ion Ratio Lower Upper
83 100
85 70.0 50.6 75.8
127 8.4 6.6 9.8



#48
Methyl methacrylate
Concen: 0.913 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 41 Resp: 3603
Ion Ratio Lower Upper
41 100
69 37.4 60.9 91.3#
39 91.3 57.5 86.3#





#49

1,4-Dioxane

Concen: 21.976 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

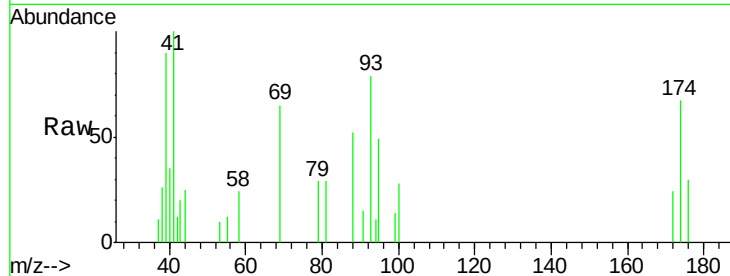
Tgt Ion: 88 Resp: 1239

Ion Ratio Lower Upper

88 100

43 32.3 33.1 49.7#

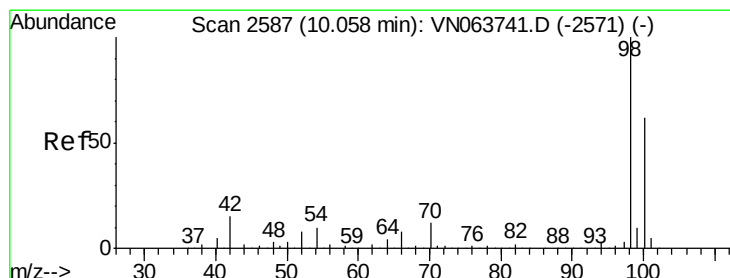
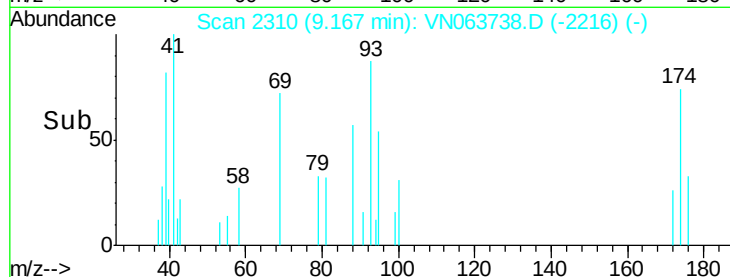
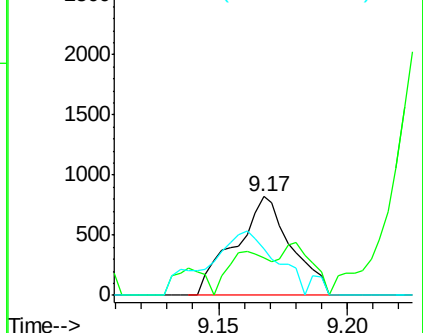
58 78.0 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063738.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063738.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063738.D (-2216) (-)



#50

Toluene-d8

Concen: 0.736 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063738.D

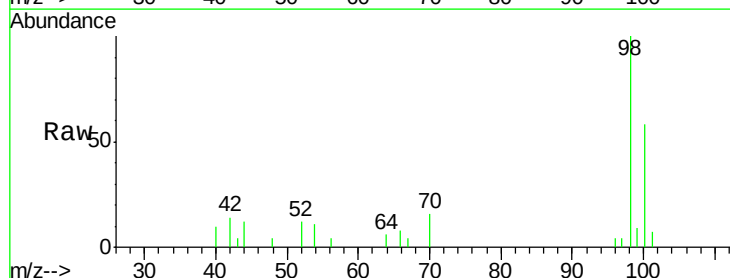
Acq: 30 Sep 2020 9:48

Tgt Ion: 98 Resp: 8378

Ion Ratio Lower Upper

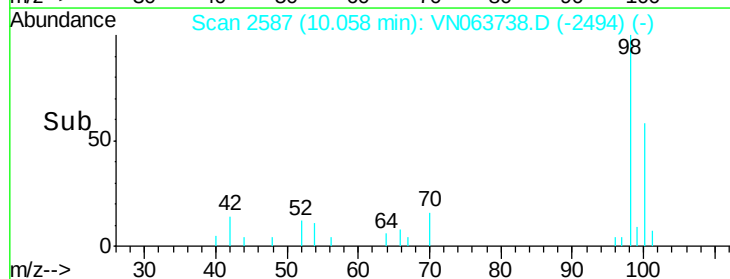
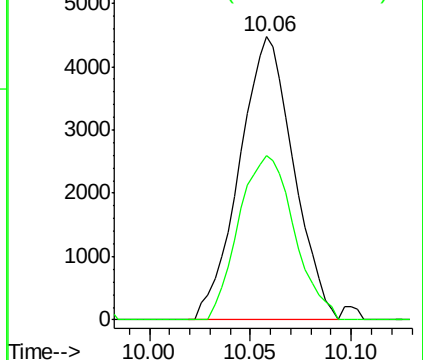
98 100

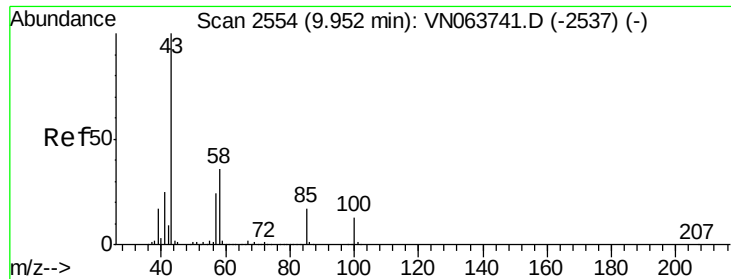
100 59.6 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063738.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063738.D (-2494) (-)

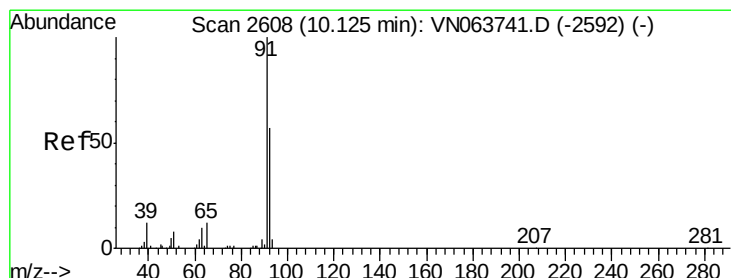
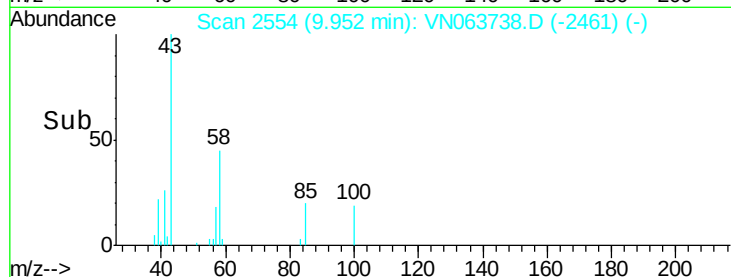
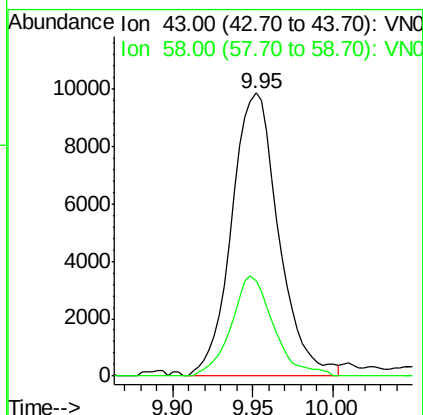
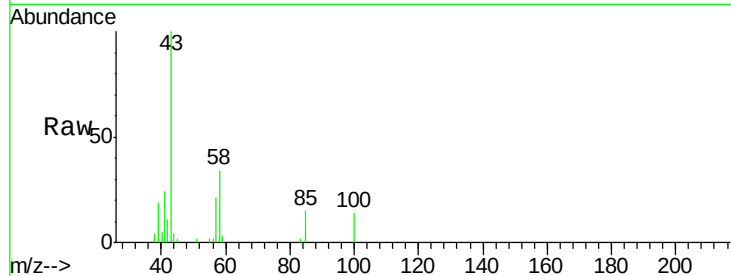




#51
 4-Methyl-2-Pentanone
 Concen: 4.350 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

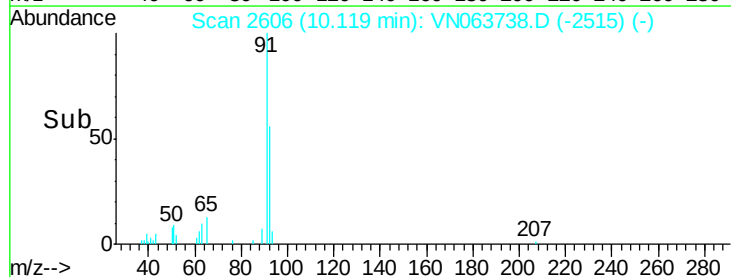
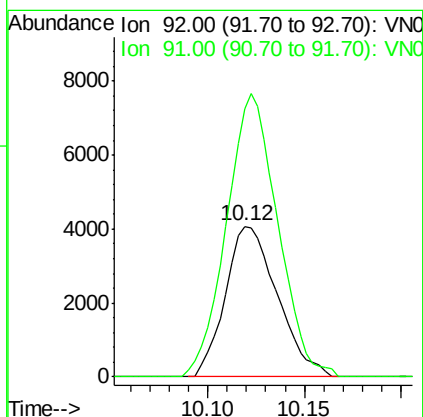
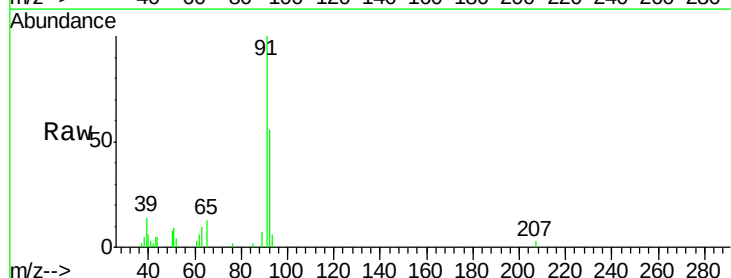
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

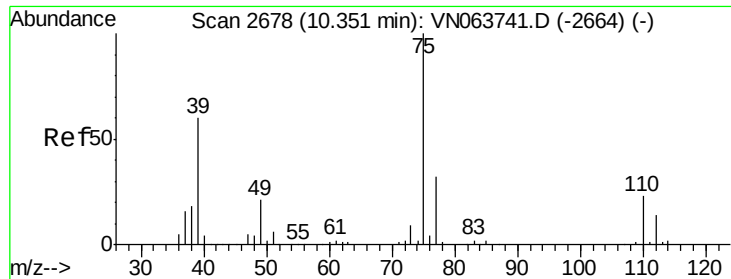
Tgt Ion: 43 Resp: 19791
 Ion Ratio Lower Upper
 43 100
 58 31.9 28.4 42.6



#52
 Toluene
 Concen: 0.961 ug/l
 RT: 10.12 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 92 Resp: 7621
 Ion Ratio Lower Upper
 92 100
 91 184.6 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 0.880 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

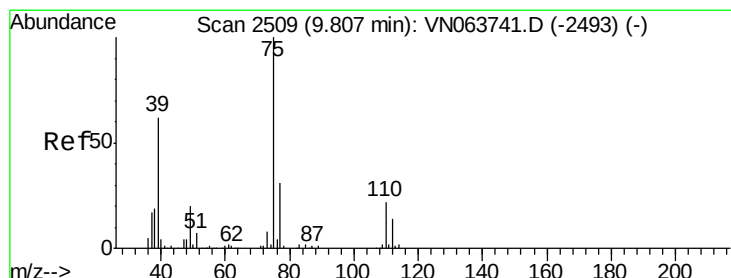
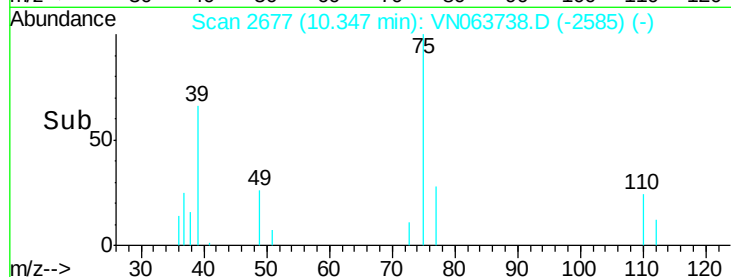
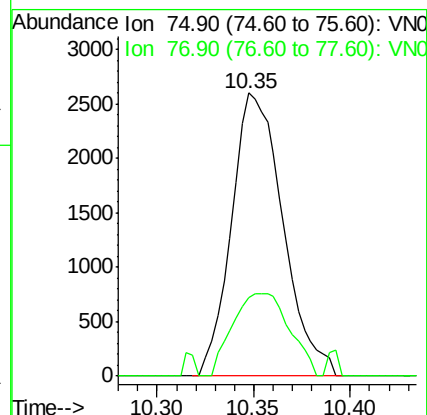
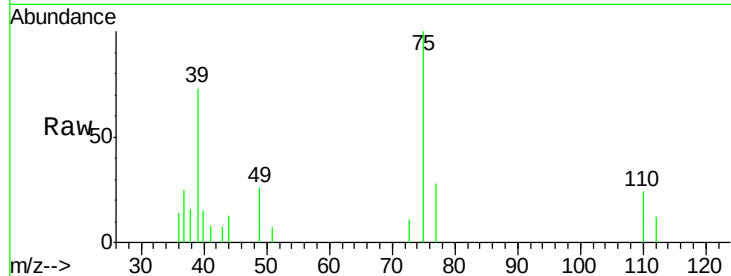
VSTDIC001

Tgt Ion: 75 Resp: 4816

Ion Ratio Lower Upper

75 100

77 27.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 0.903 ug/l

RT: 9.80 min Scan# 2507

Delta R.T. -0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

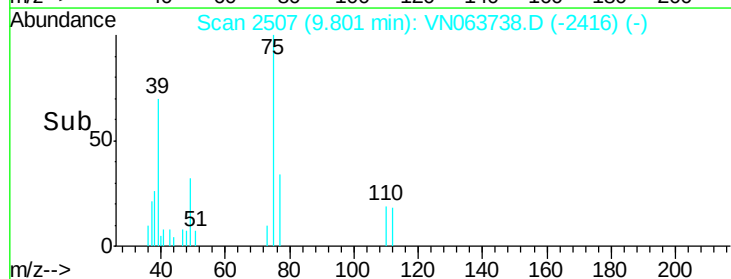
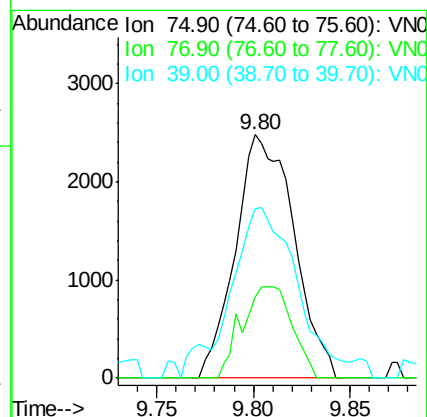
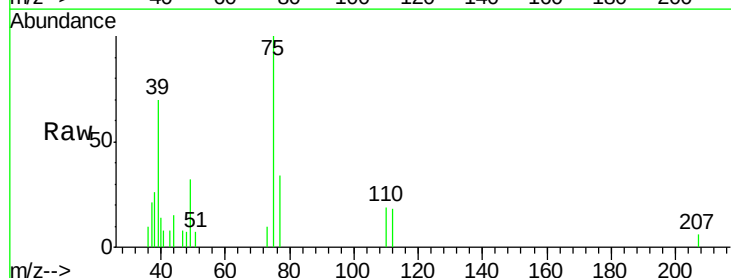
Tgt Ion: 75 Resp: 5194

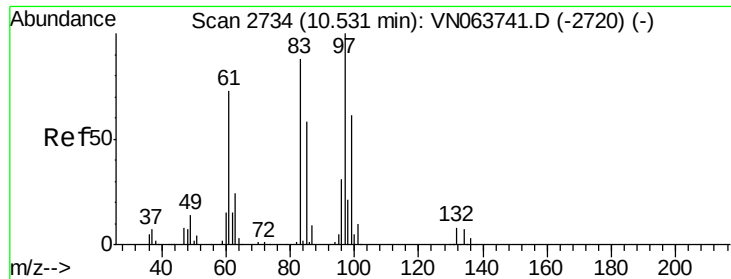
Ion Ratio Lower Upper

75 100

77 33.5 24.6 36.8

39 62.7 49.7 74.5

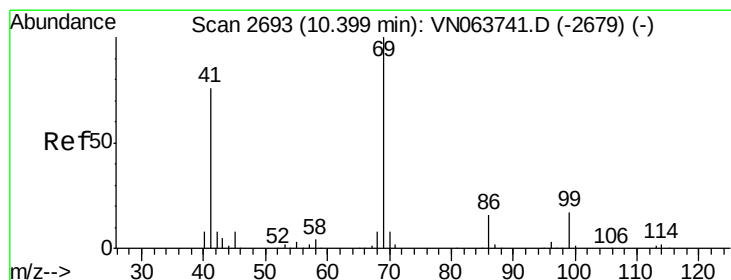
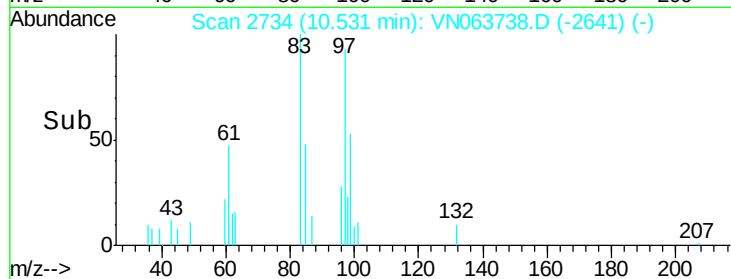
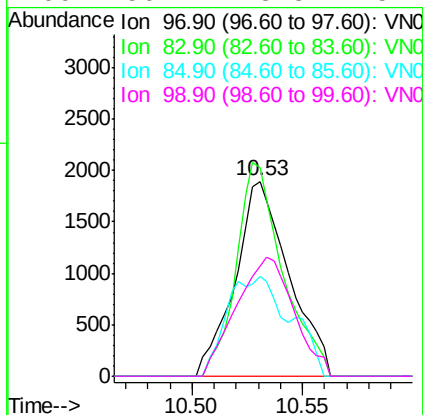
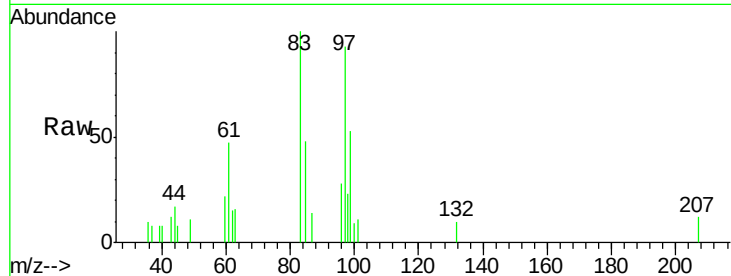




#55
 1,1,2-Trichloroethane
 Concen: 1.010 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

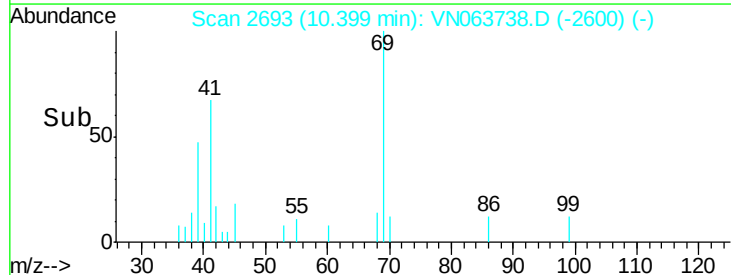
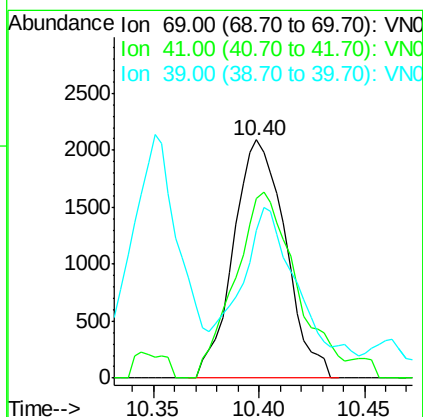
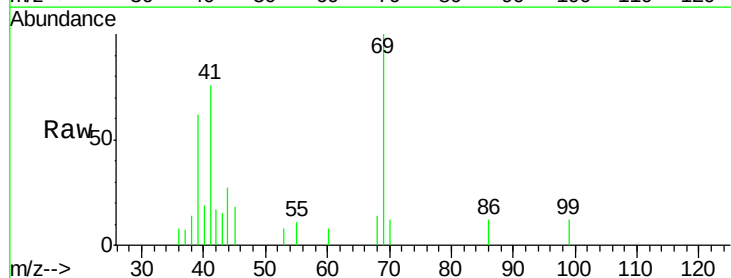
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

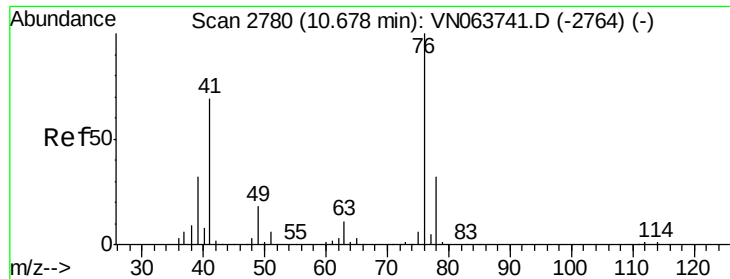
Tgt Ion: 97 Resp: 3200
 Ion Ratio Lower Upper
 97 100
 83 107.0 70.7 106.1#
 85 51.0 46.1 69.1
 99 56.2 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 0.733 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 69 Resp: 3587
 Ion Ratio Lower Upper
 69 100
 41 93.2 61.1 91.7#
 39 85.1 42.2 63.4#

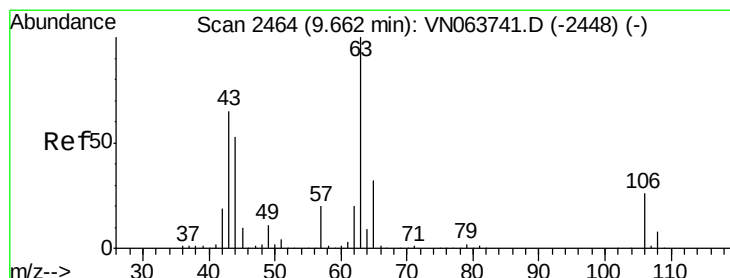
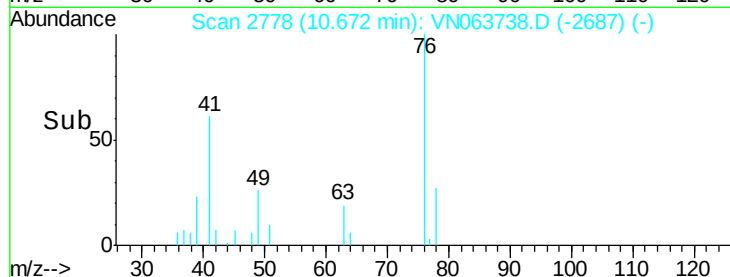
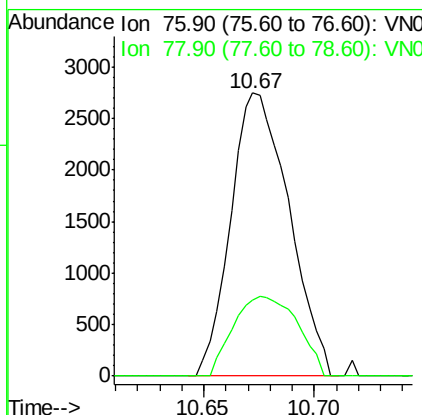
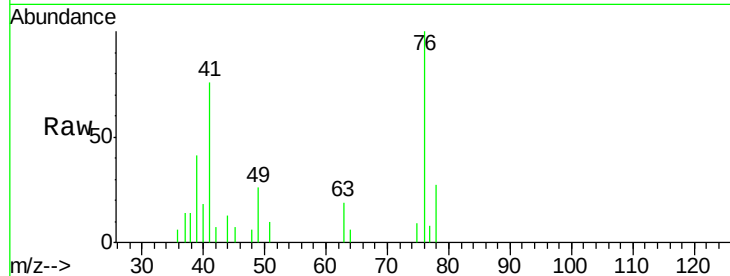




#57
 1,3-Dichloropropane
 Concen: 0.889 ug/l
 RT: 10.67 min Scan# 2778
 Delta R.T. -0.01 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

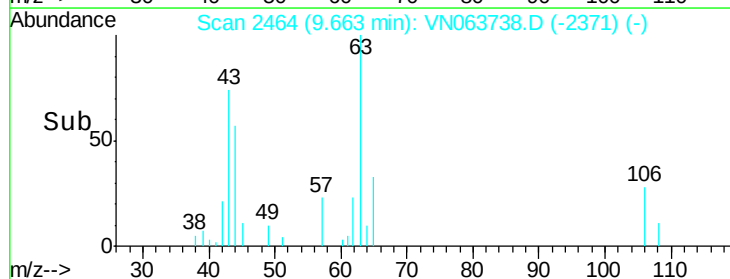
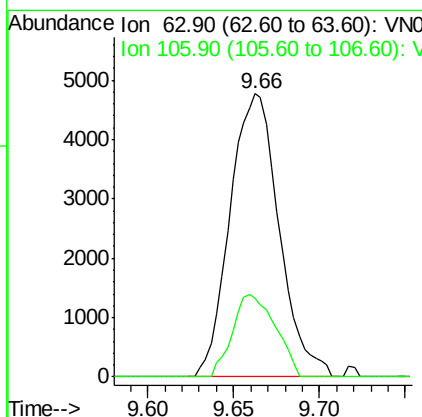
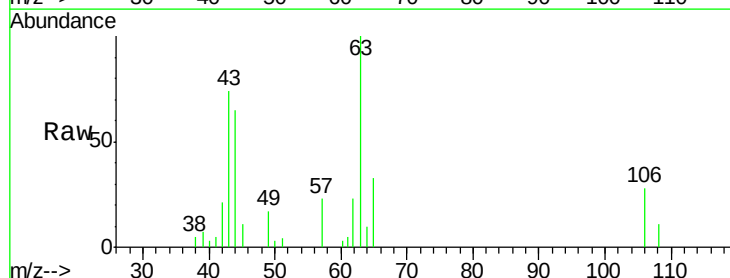
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

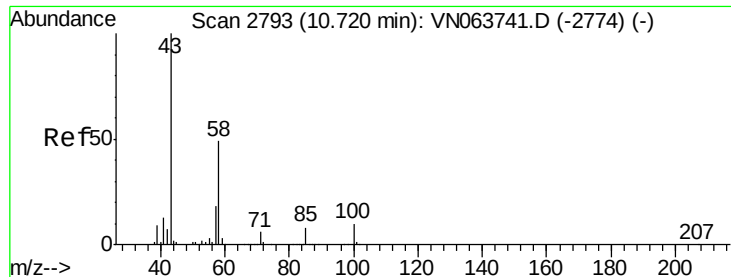
Tgt Ion: 76 Resp: 5049
 Ion Ratio Lower Upper
 76 100
 78 30.8 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.666 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 63 Resp: 9496
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.7 31.1

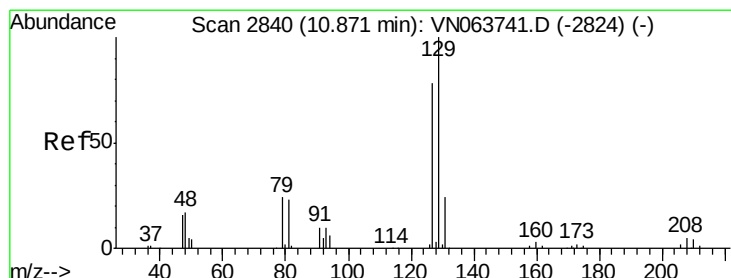
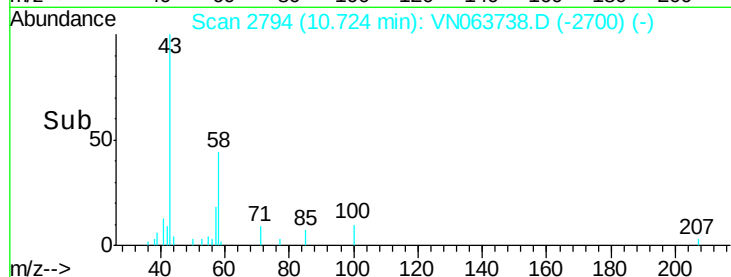
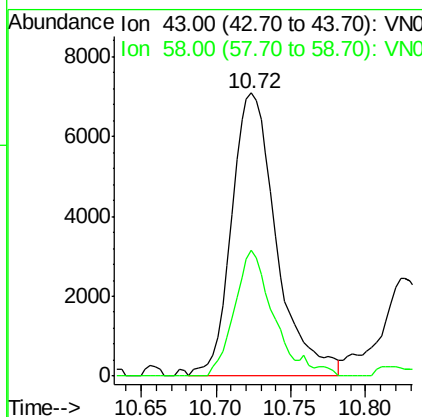
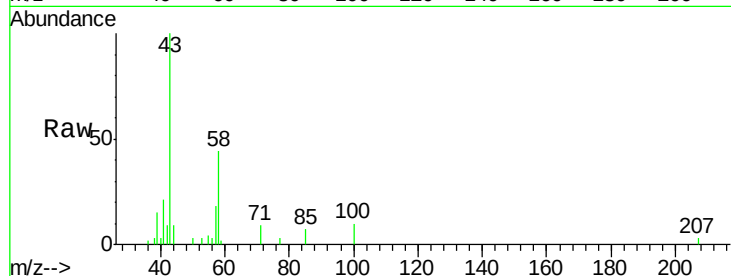




#59
2-Hexanone
Concen: 4.483 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

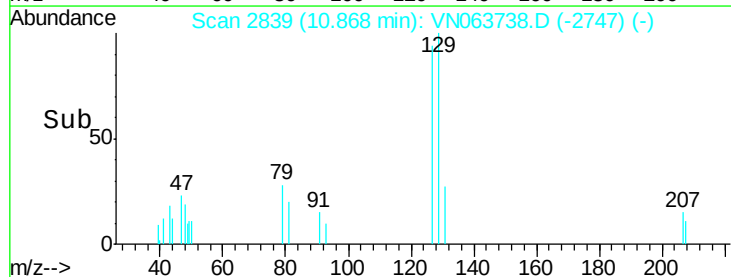
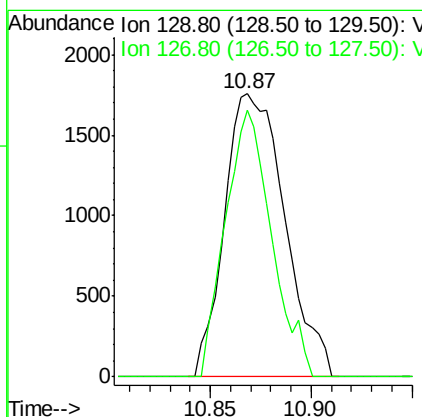
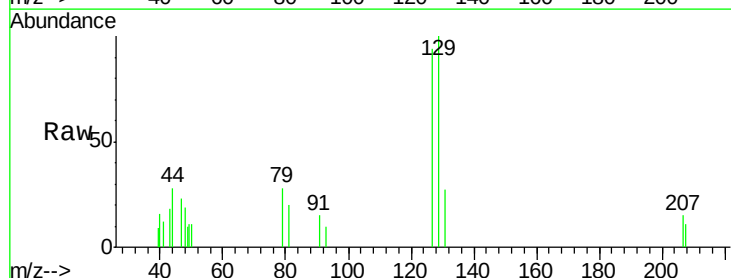
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

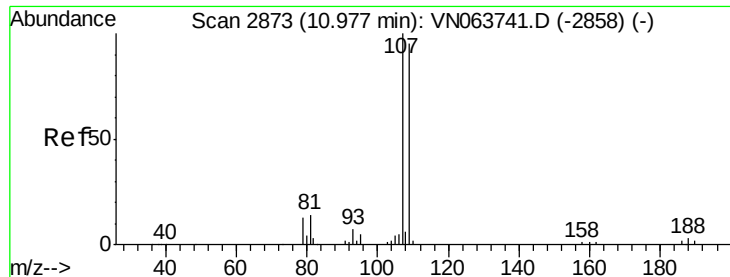
Tgt Ion: 43 Resp: 14783
Ion Ratio Lower Upper
43 100
58 38.2 24.6 73.8



#60
Dibromochloromethane
Concen: 1.025 ug/l
RT: 10.87 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 129 Resp: 3672
Ion Ratio Lower Upper
129 100
127 72.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 0.931 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

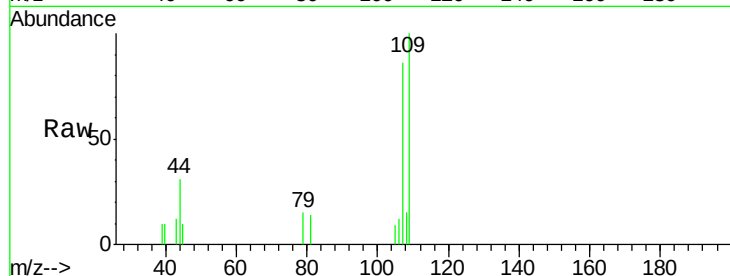
VSTDIC001

Tgt Ion: 107 Resp: 3061

Ion Ratio Lower Upper

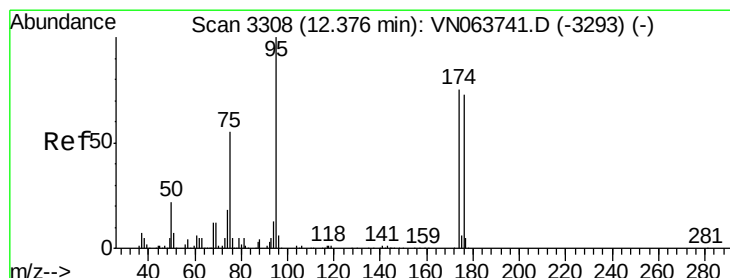
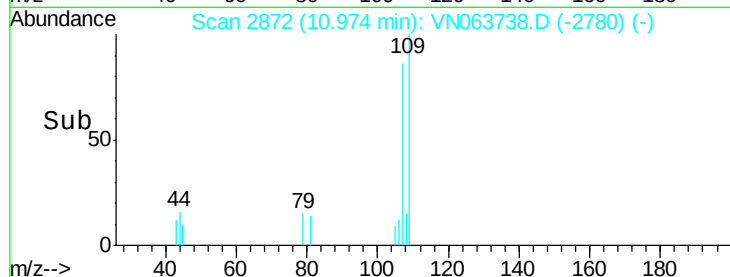
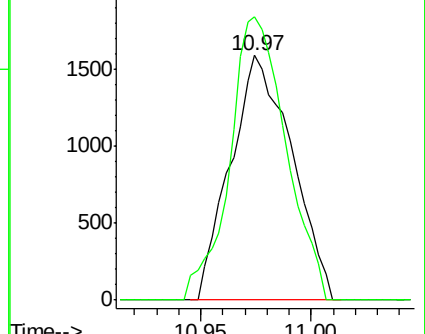
107 100

109 106.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.845 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

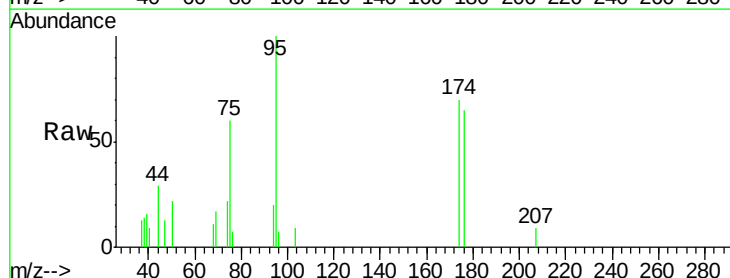
Tgt Ion: 95 Resp: 3551

Ion Ratio Lower Upper

95 100

174 69.8 0.0 150.6

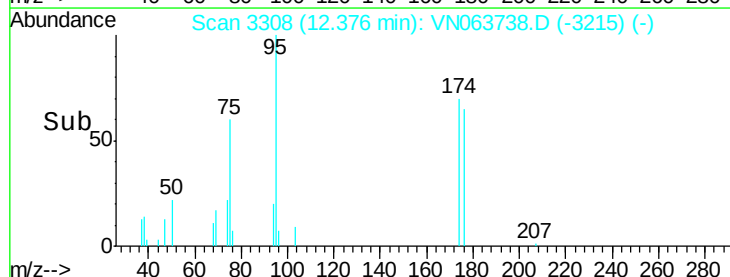
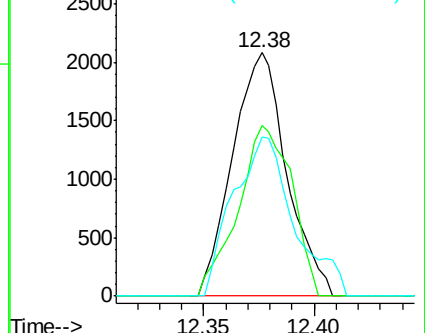
176 73.5 0.0 145.4

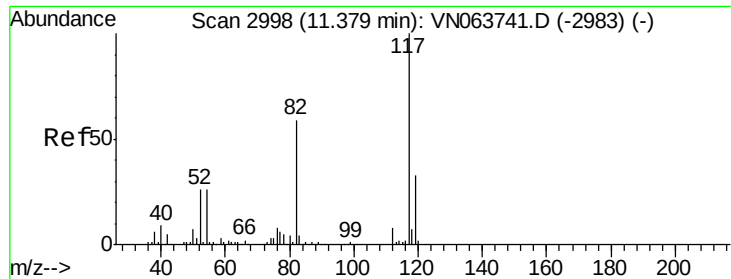


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

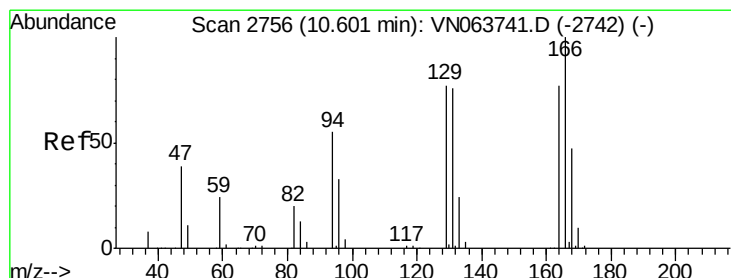
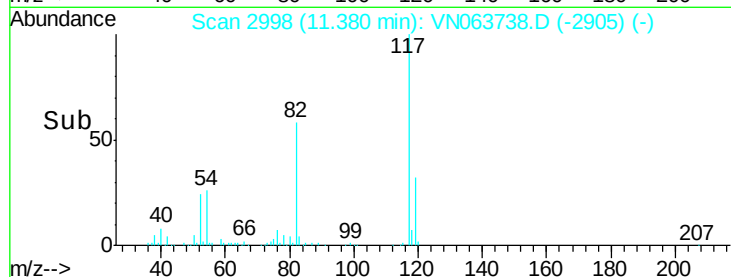
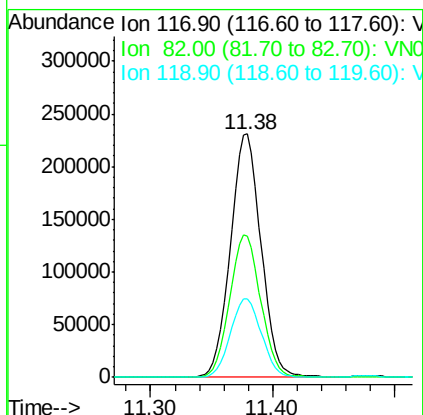
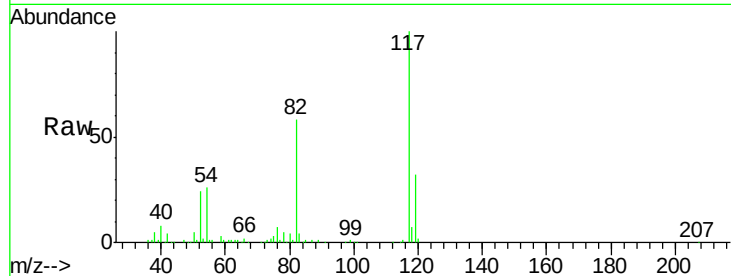




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

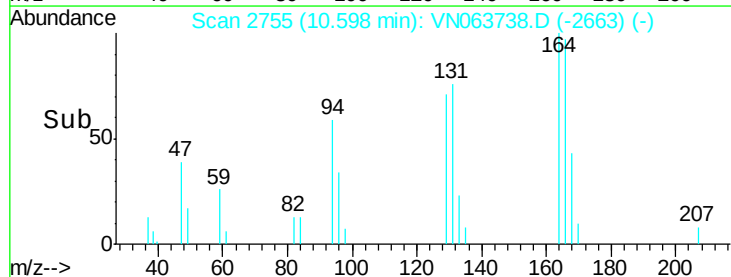
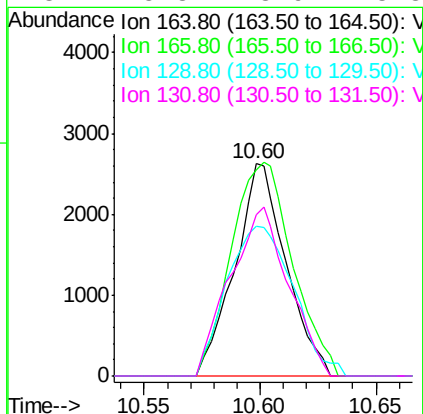
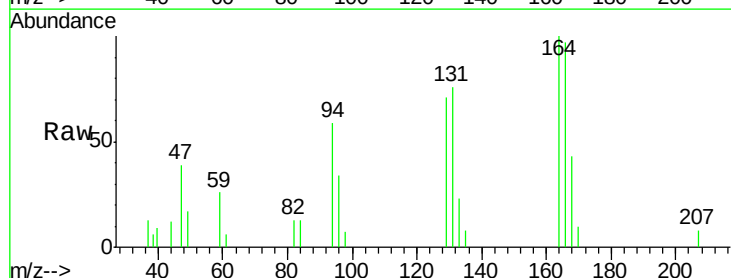
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

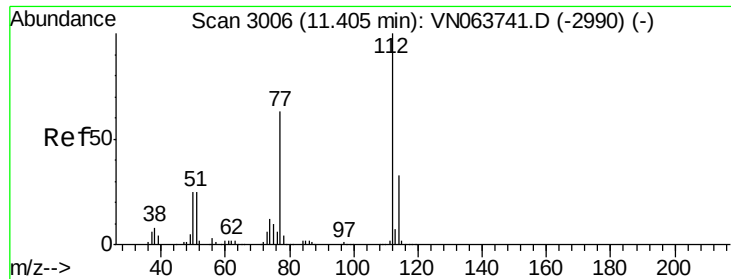
Tgt Ion:117 Resp: 404497
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.2 26.4 39.6



#64
Tetrachloroethene
Concen: 1.451 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion:164 Resp: 4027
Ion Ratio Lower Upper
164 100
166 97.0 103.9 155.9#
129 70.7 80.3 120.5#
131 75.8 78.9 118.3#





#65

Chlorobenzene

Concen: 1.025 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

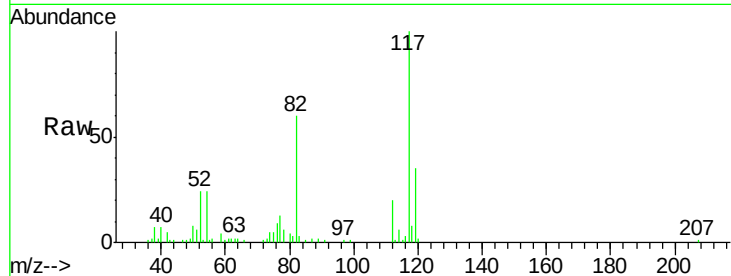
VSTDIC001

Tgt Ion:112 Resp: 8678

Ion Ratio Lower Upper

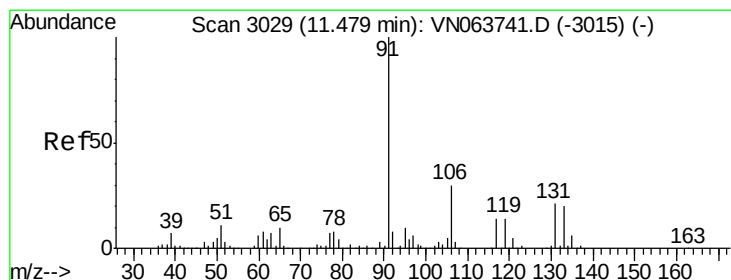
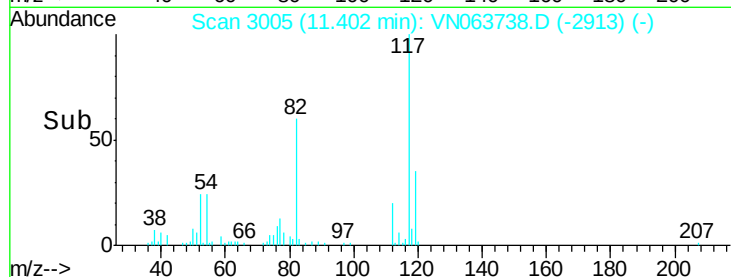
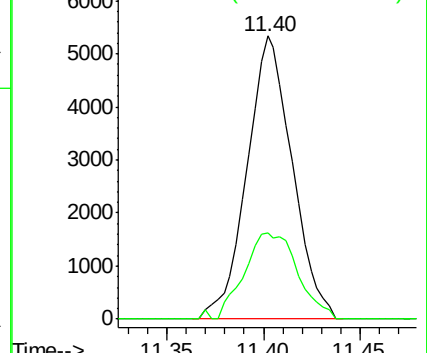
112 100

114 30.3 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.060 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

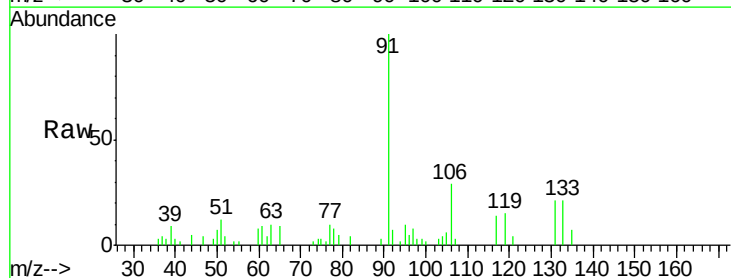
Tgt Ion:131 Resp: 3318

Ion Ratio Lower Upper

131 100

133 97.5 47.3 141.8

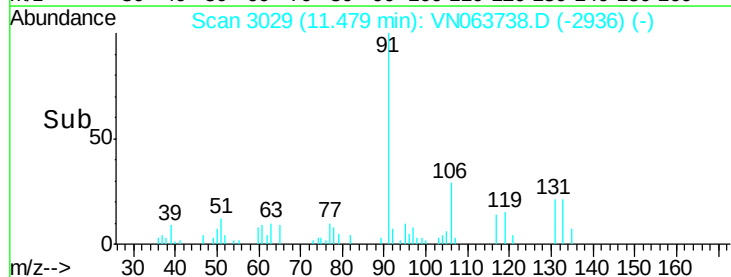
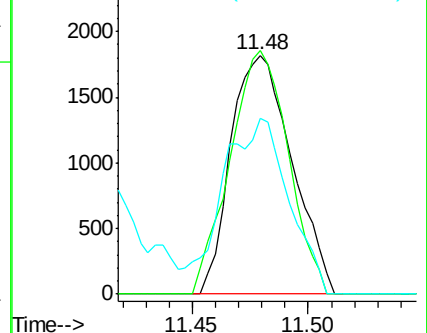
119 0.0 32.6 97.7#

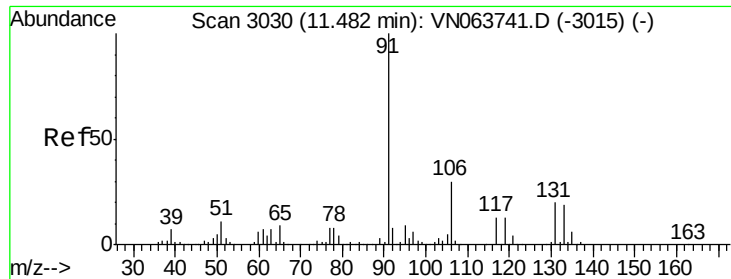


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 0.918 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

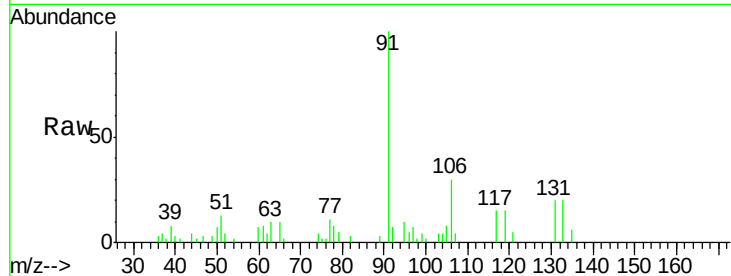
VSTDIC001

Tgt Ion: 91 Resp: 14642

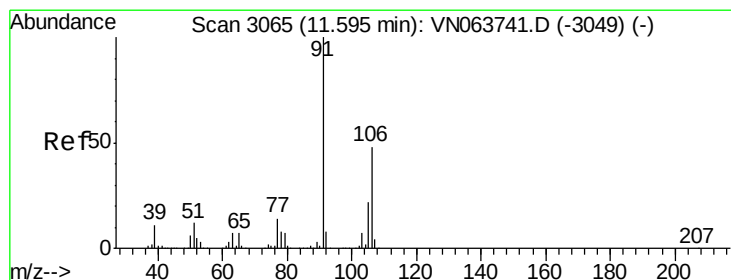
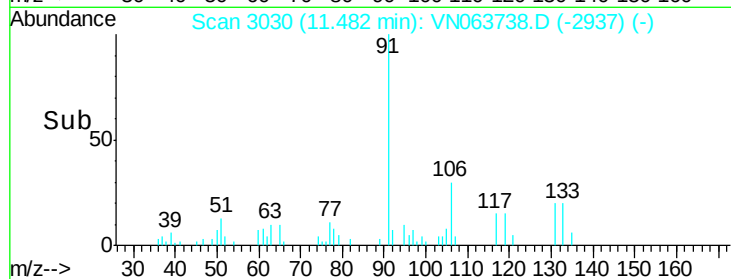
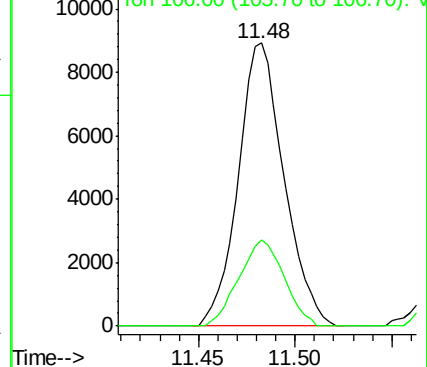
Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3015) (-)



#68

m/p-Xylenes

Concen: 1.976 ug/l

RT: 11.59 min Scan# 3063

Delta R.T. -0.01 min

Lab File: VN063738.D

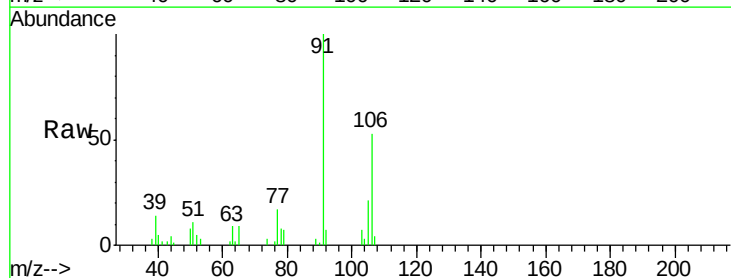
Acq: 30 Sep 2020 9:48

Tgt Ion: 106 Resp: 11394

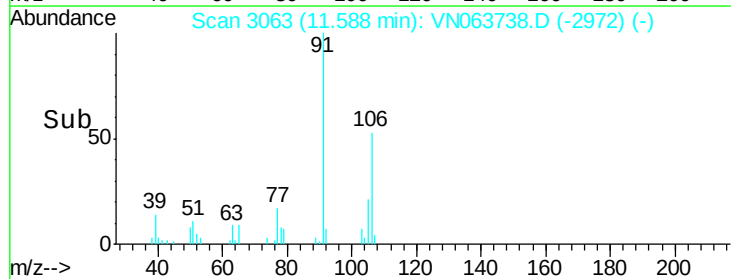
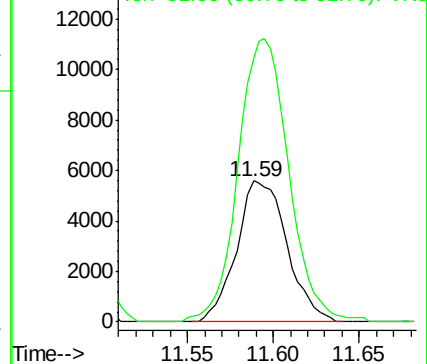
Ion Ratio Lower Upper

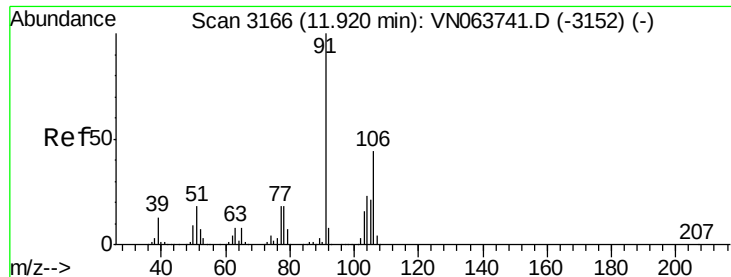
106 100

91 202.0 168.0 252.0



Abundance Ion 106.00 (105.70 to 106.70): VN063741.D (-3049) (-)

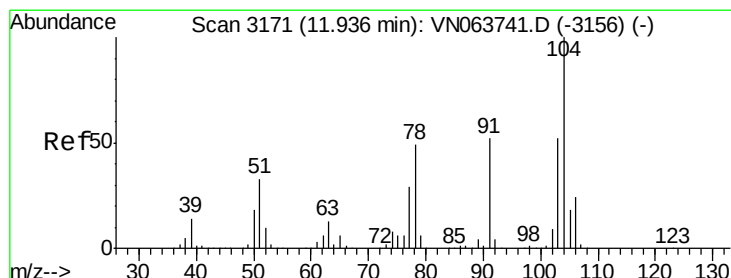
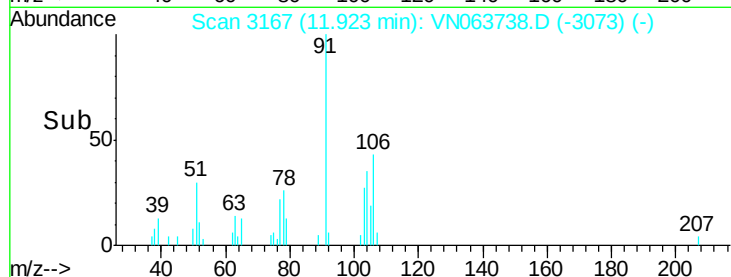
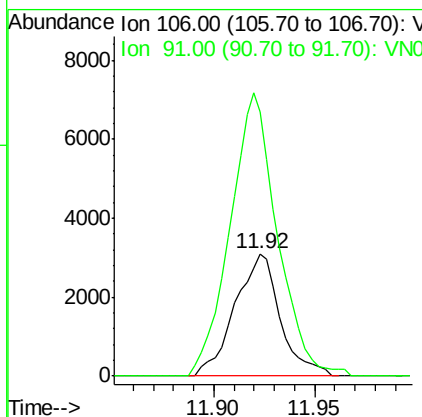
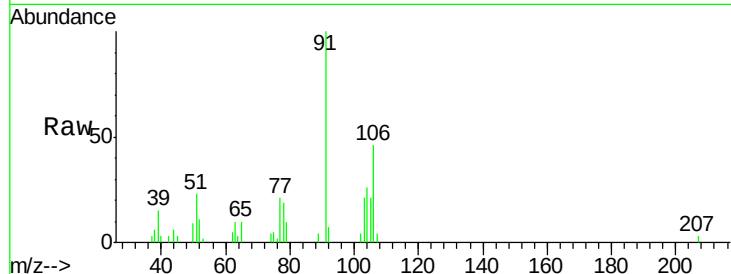




#69
o-Xylene
Concen: 0.888 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

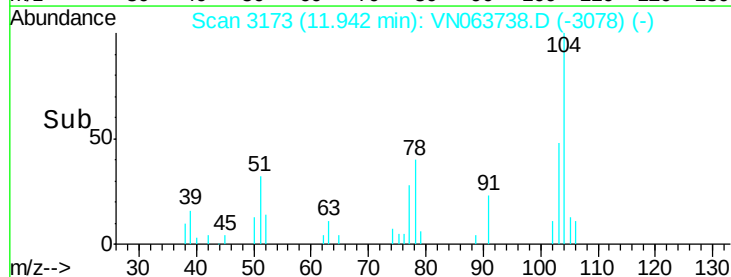
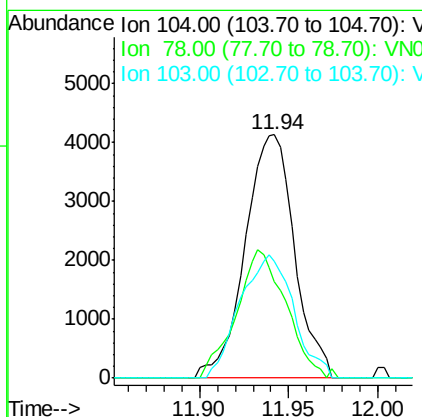
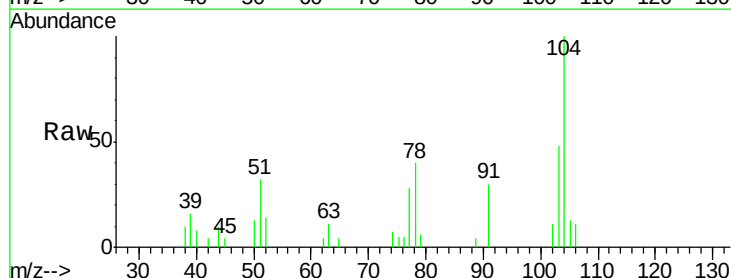
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

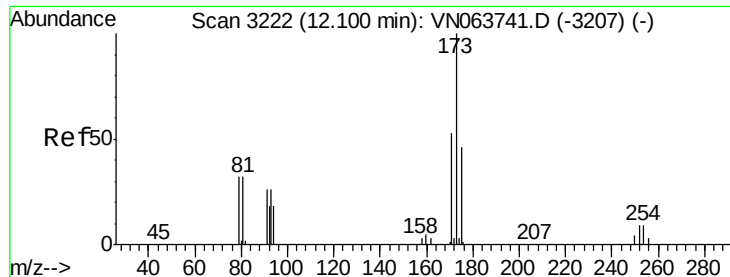
Tgt Ion:106 Resp: 4862
Ion Ratio Lower Upper
106 100
91 241.0 112.7 338.0



#70
Styrene
Concen: 0.871 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion:104 Resp: 7999
Ion Ratio Lower Upper
104 100
78 53.0 44.1 66.1
103 54.8 44.3 66.5





#71

Bromoform

Concen: 1.037 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

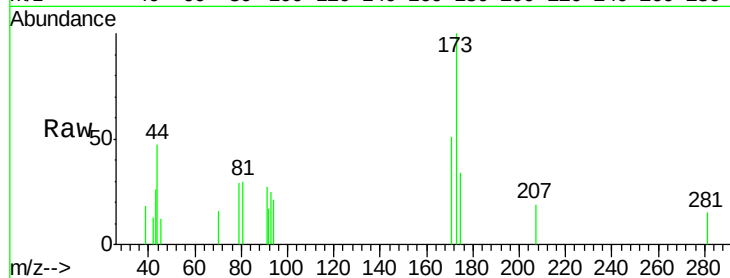
Tgt Ion:173 Resp: 2425

Ion Ratio Lower Upper

173 100

175 29.9 23.5 70.5

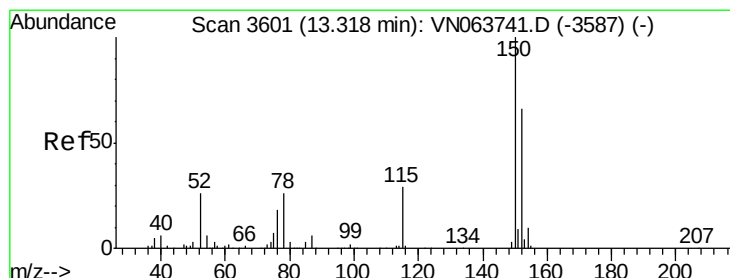
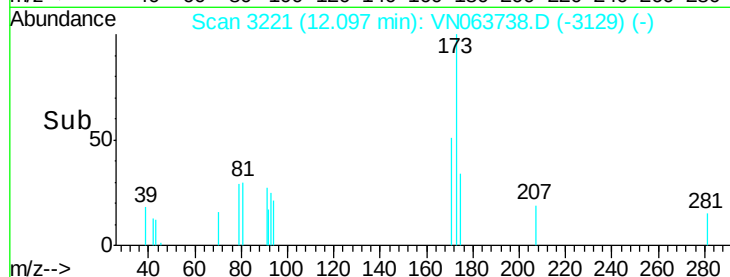
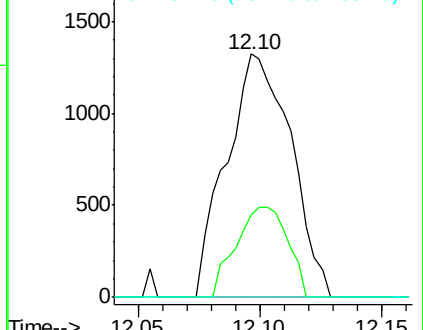
254 0.0 0.0 0.0



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: VN063738.D

Acq: 30 Sep 2020 9:48

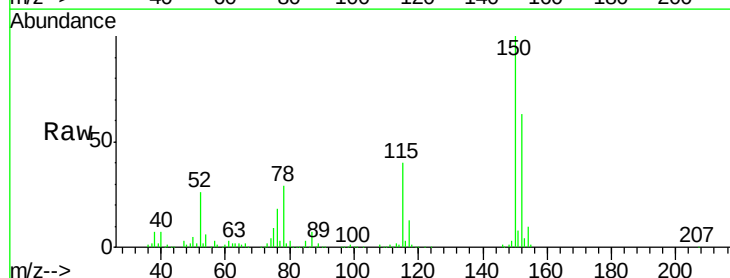
Tgt Ion:152 Resp: 173758

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

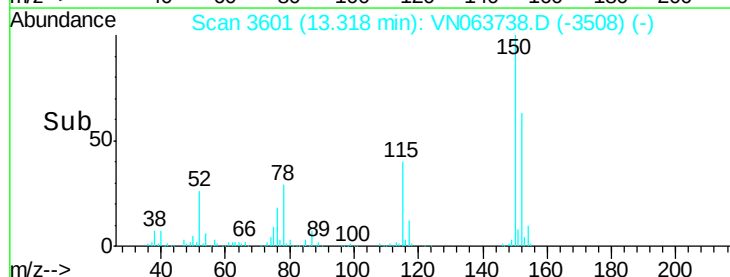
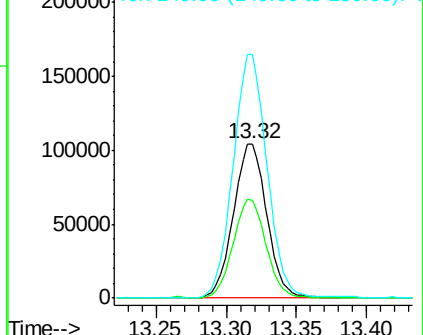
150 159.5 0.0 341.8

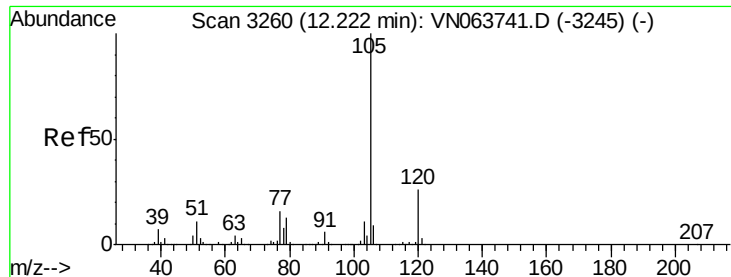


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.942 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

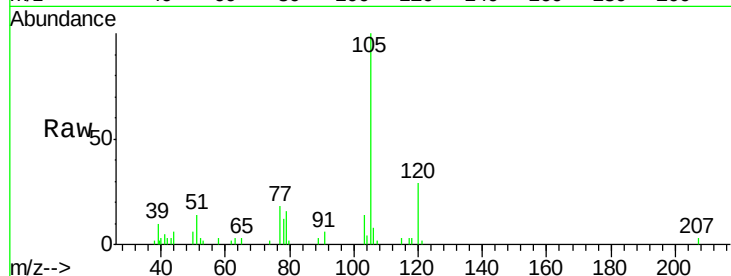
VSTDIC001

Tgt Ion:105 Resp: 12901

Ion Ratio Lower Upper

105 100

120 27.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

8000

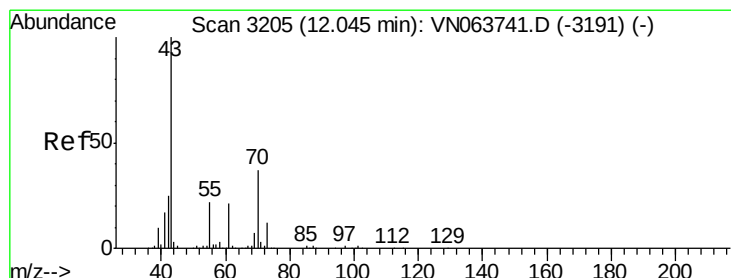
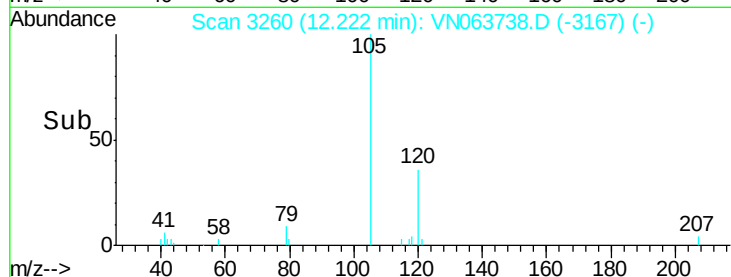
6000

4000

2000

0

Time--> 12.15 12.20 12.25



#74

N-ethyl acetate

Concen: 0.605 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion: 43 Resp: 3878

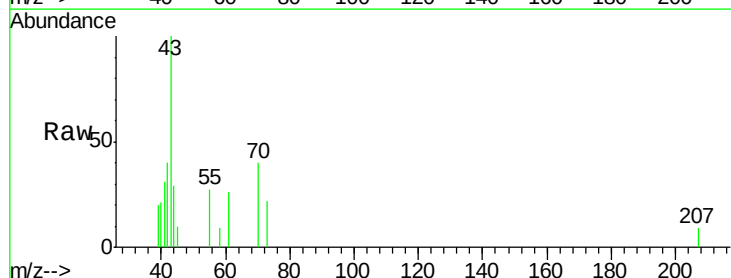
Ion Ratio Lower Upper

43 100

70 33.4 29.8 44.8

55 22.7 17.9 26.9

61 19.6 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

2500

2000

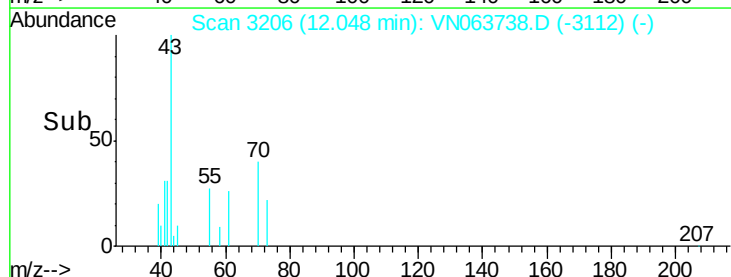
1500

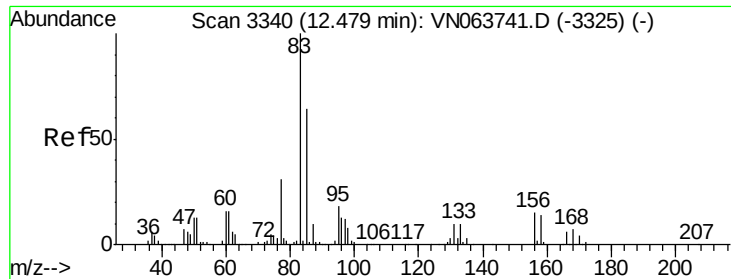
1000

500

0

Time--> 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 0.954 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

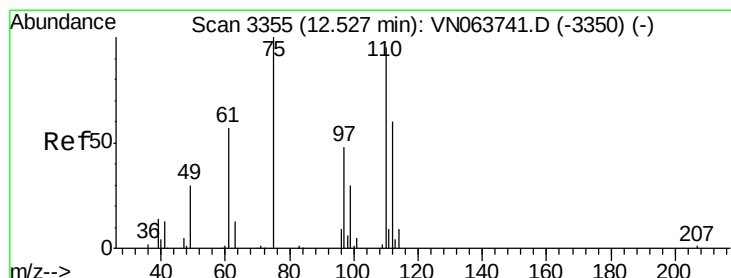
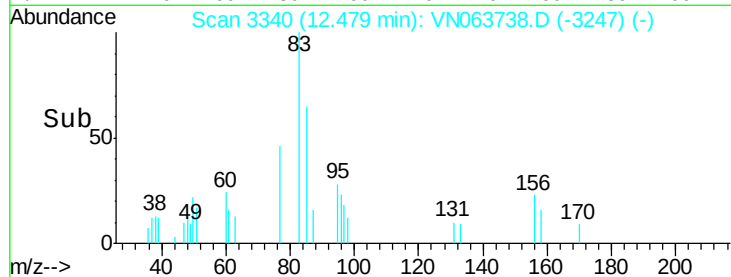
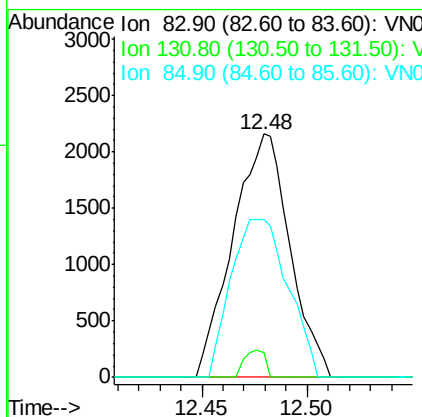
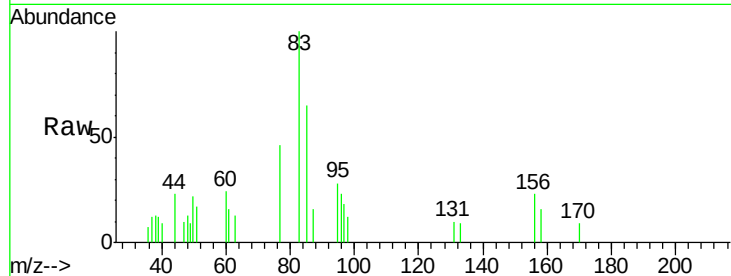
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:	83	Resp:	4046
Ion	Ratio	Lower	Upper
83	100		
131	4.0	5.3	15.8#
85	65.0	31.3	93.8



#76

1,2,3-Trichloropropane

Concen: 1.421 ug/l

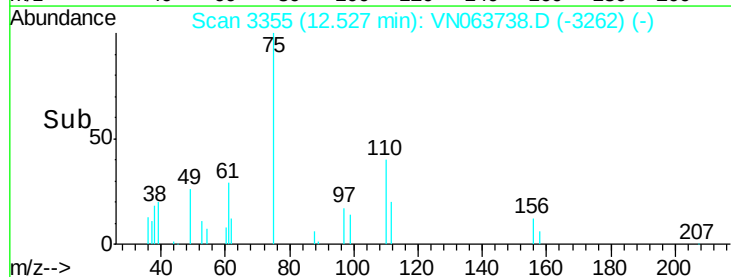
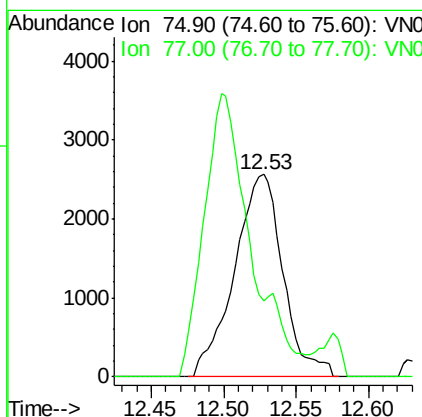
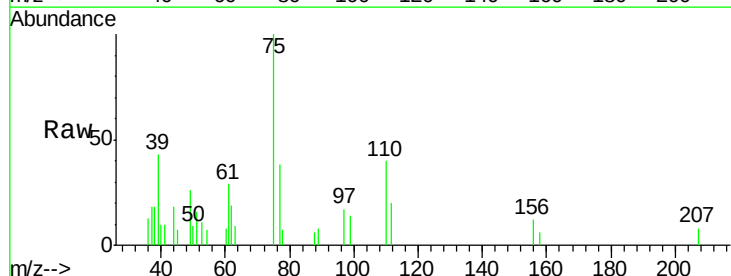
RT: 12.53 min Scan# 3355

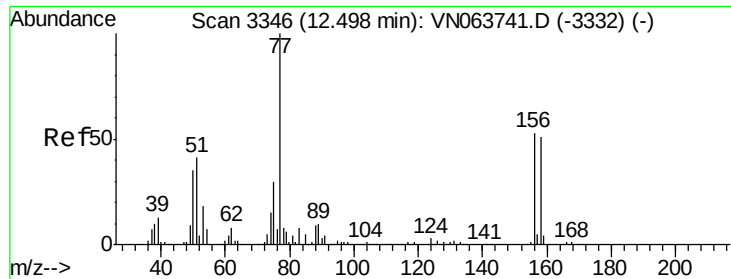
Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion:	75	Resp:	6009
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 1.054 ug/l

RT: 12.50 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

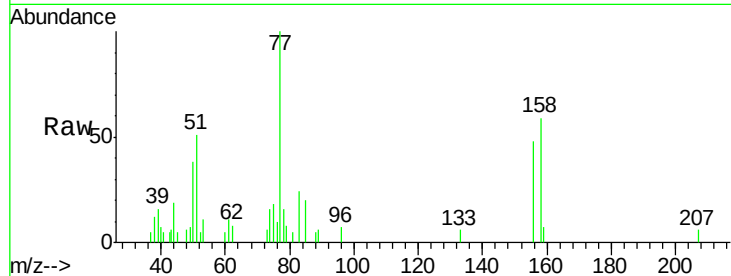
Tgt Ion:156 Resp: 3282

Ion Ratio Lower Upper

156 100

77 214.1 110.9 332.7

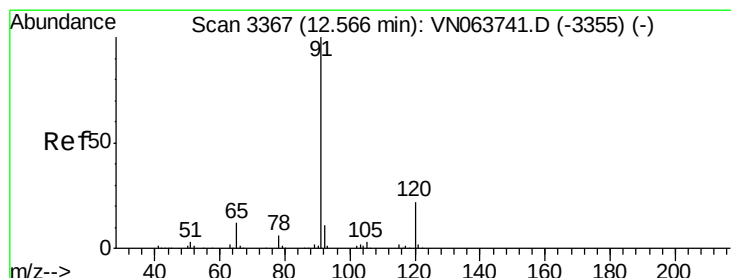
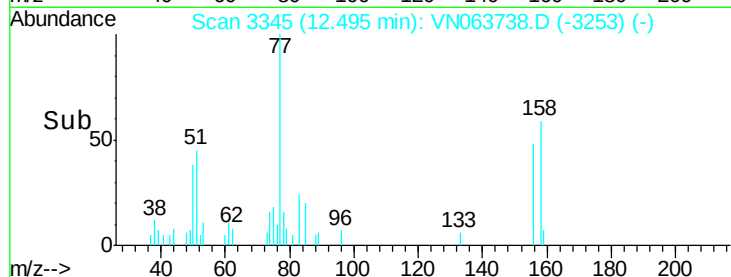
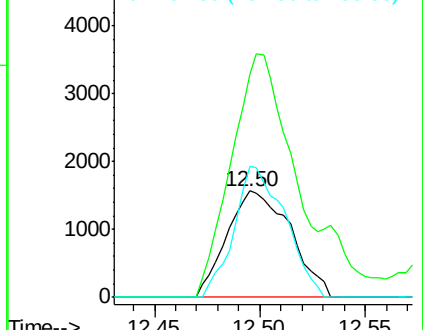
158 98.9 47.7 143.1



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: 0.970 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN063738.D

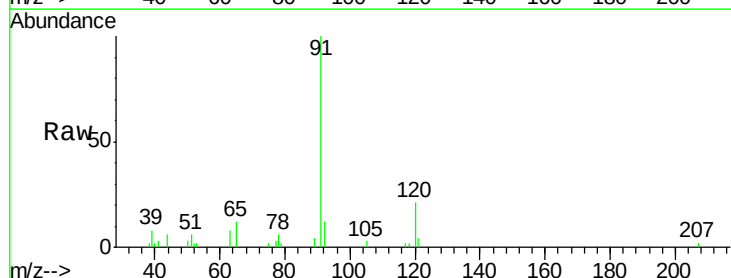
Acq: 30 Sep 2020 9:48

Tgt Ion: 91 Resp: 15452

Ion Ratio Lower Upper

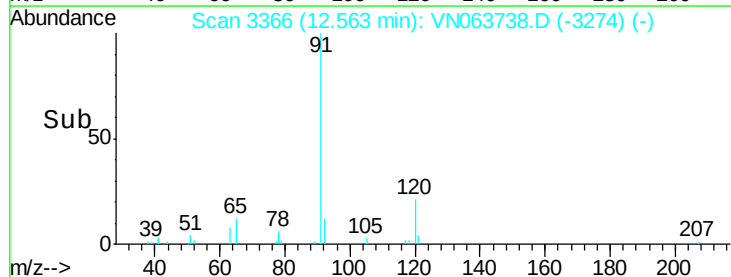
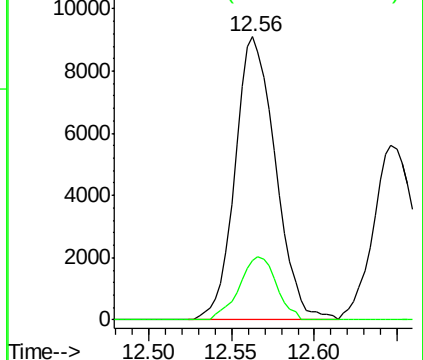
91 100

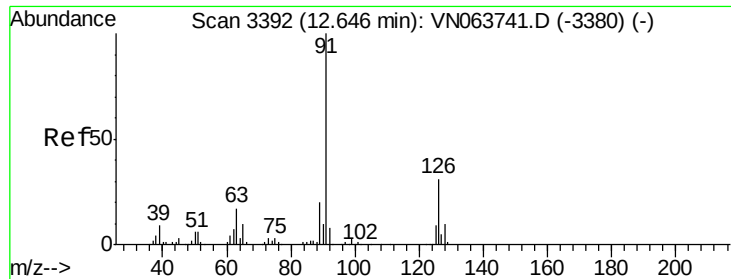
120 20.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

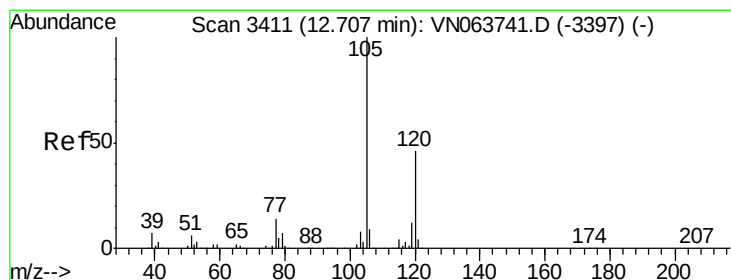
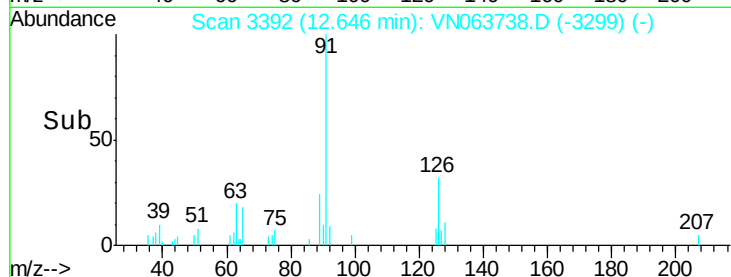
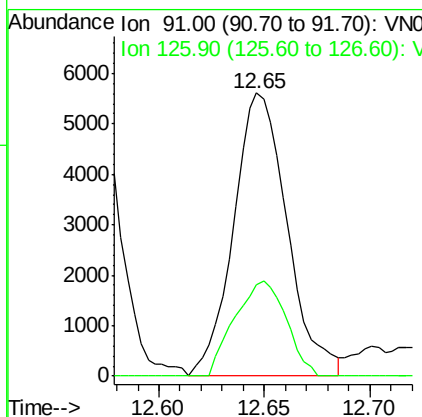
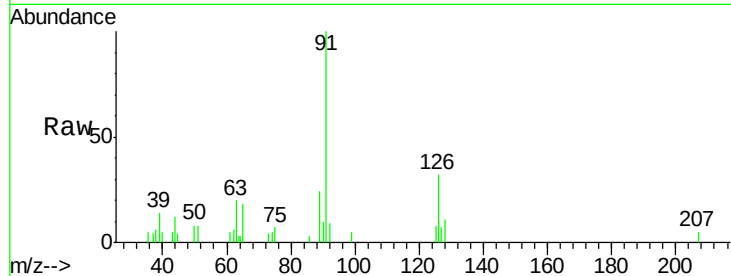




#79
 2-Chlorotoluene
 Concen: 1.037 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

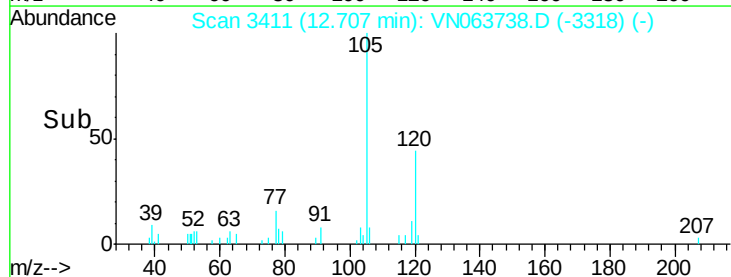
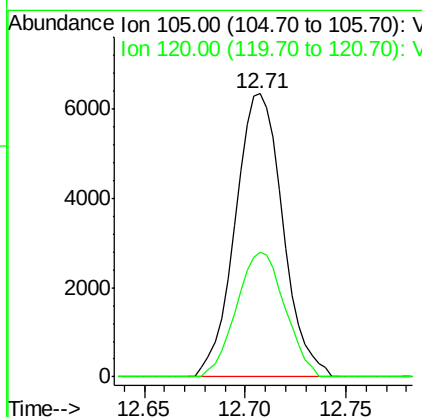
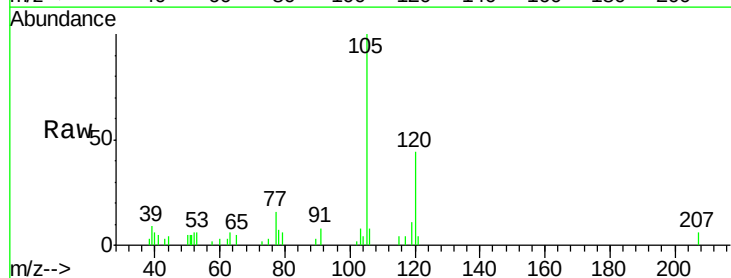
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

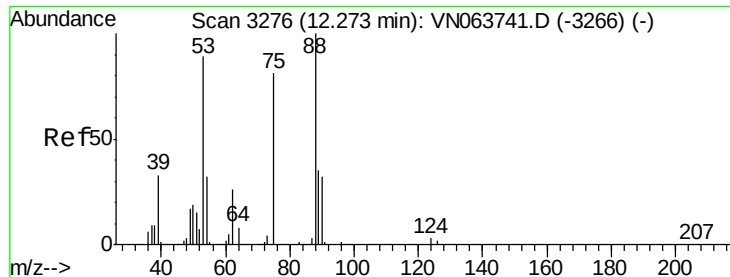
Tgt Ion: 91 Resp: 9926
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 0.921 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 105 Resp: 10497
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 0.840 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

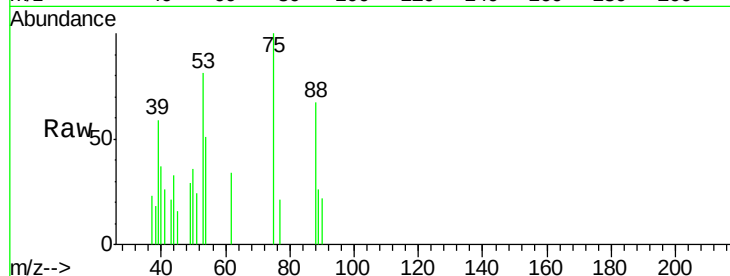
Tgt Ion: 75 Resp: 1288

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

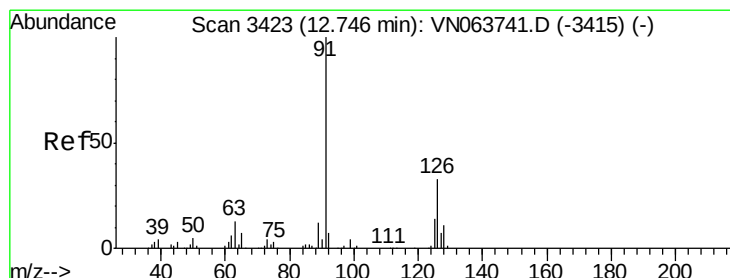
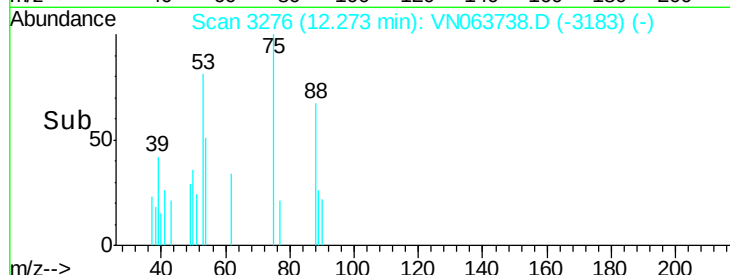
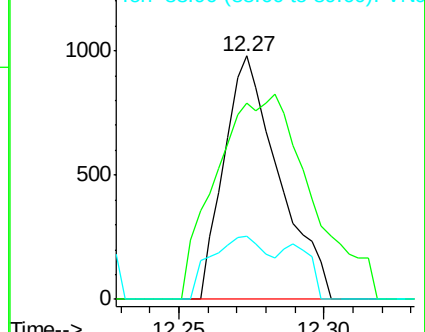
89 27.1 36.0 54.0#



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: 0.970 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063738.D

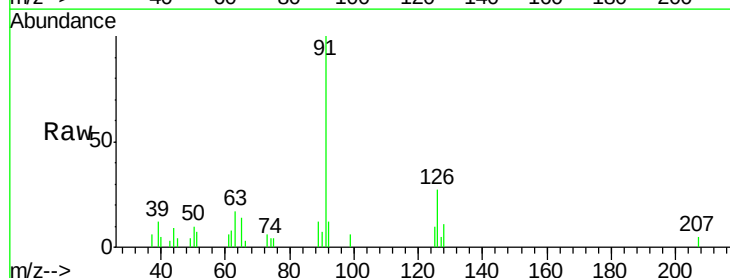
Acq: 30 Sep 2020 9:48

Tgt Ion: 91 Resp: 9824

Ion Ratio Lower Upper

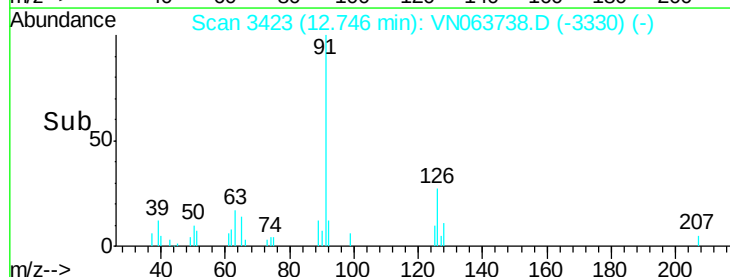
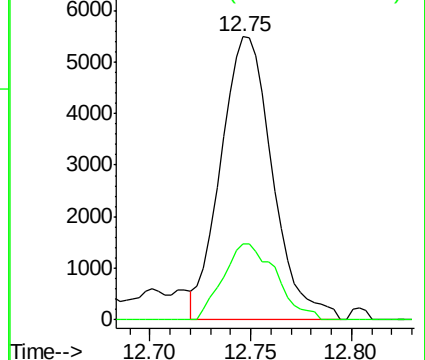
91 100

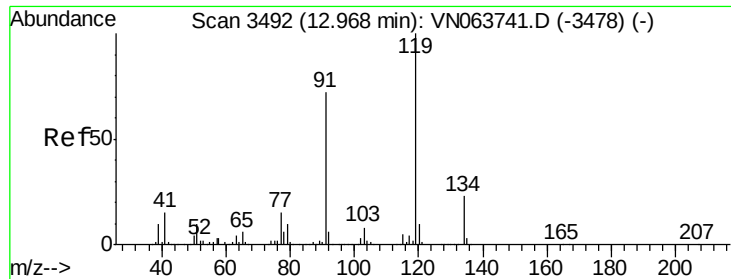
126 27.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

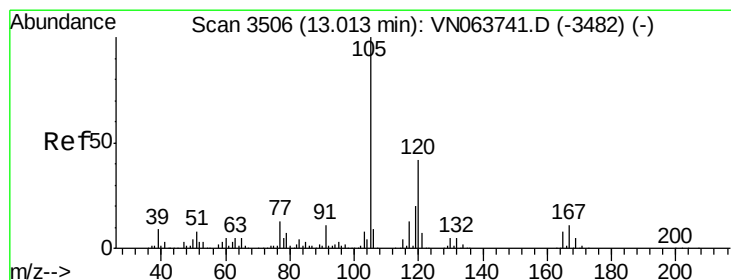
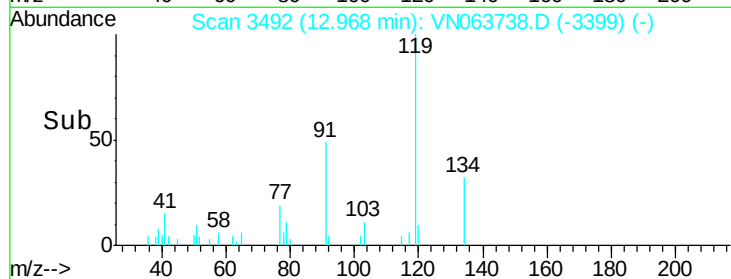
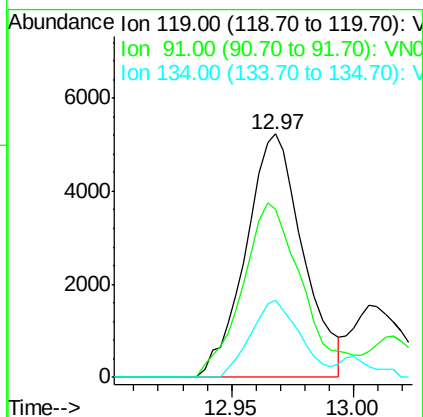
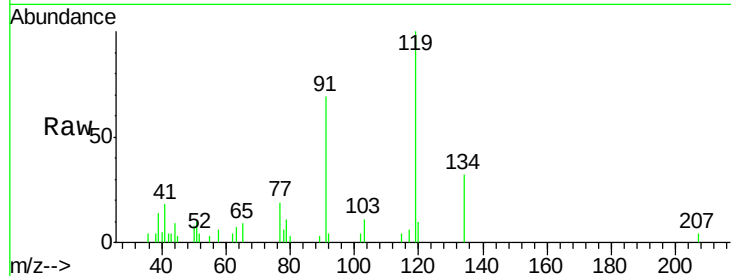




#83
 tert-Butylbenzene
 Concen: 0.903 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

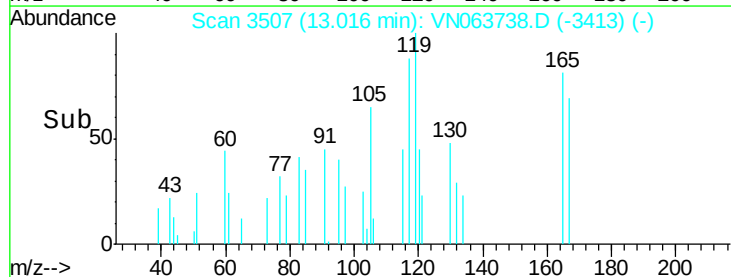
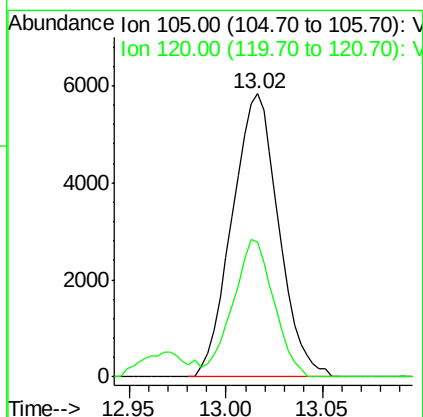
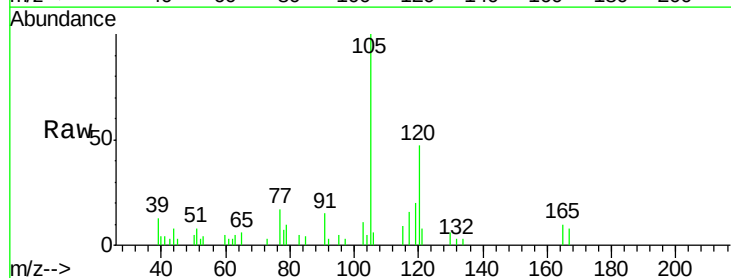
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

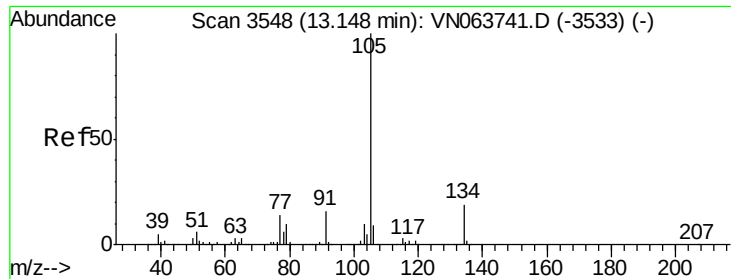
Tgt Ion:119 Resp: 8508
 Ion Ratio Lower Upper
 119 100
 91 76.4 35.5 106.5
 134 27.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.847 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion:105 Resp: 9771
 Ion Ratio Lower Upper
 105 100
 120 42.6 20.9 62.7

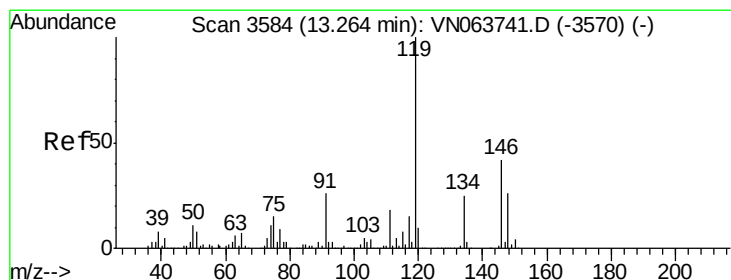
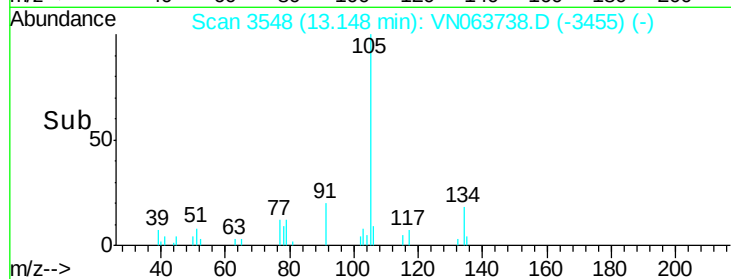
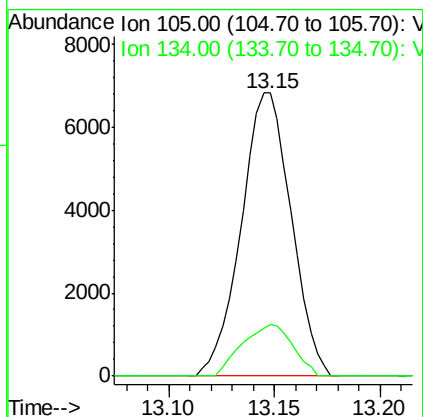
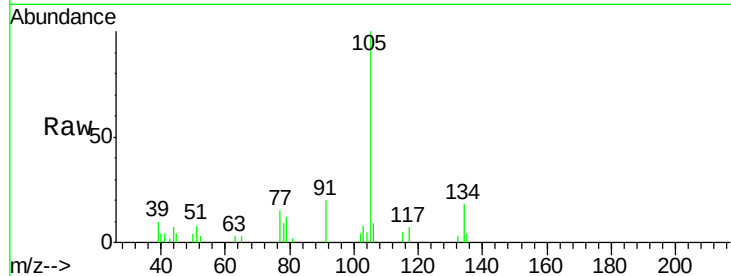




#85
 sec-Butylbenzene
 Concen: 0.893 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

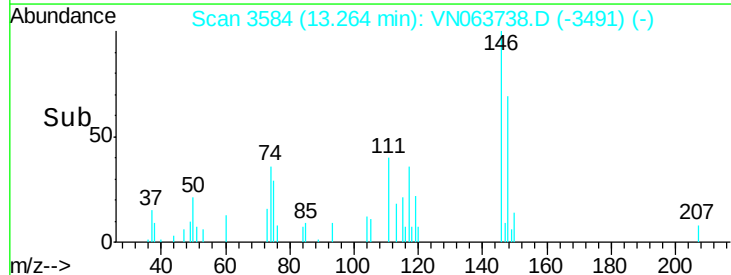
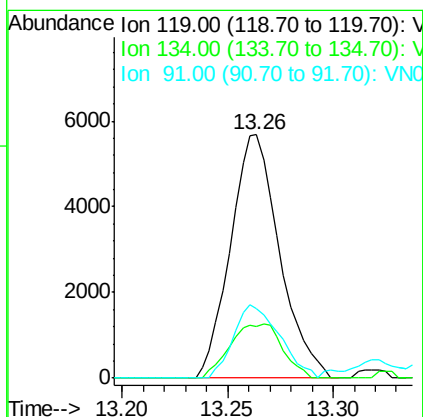
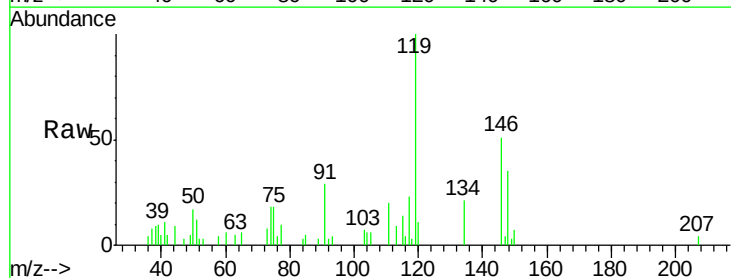
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

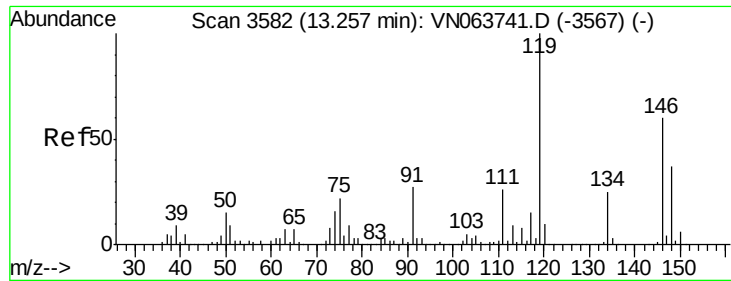
Tgt Ion:105 Resp: 11238
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 0.826 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion:119 Resp: 9175
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.6 37.8
 91 28.1 13.4 40.2

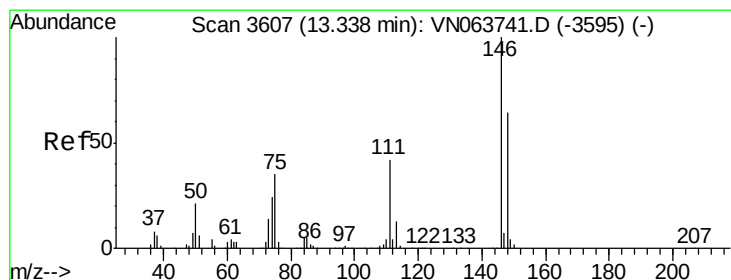
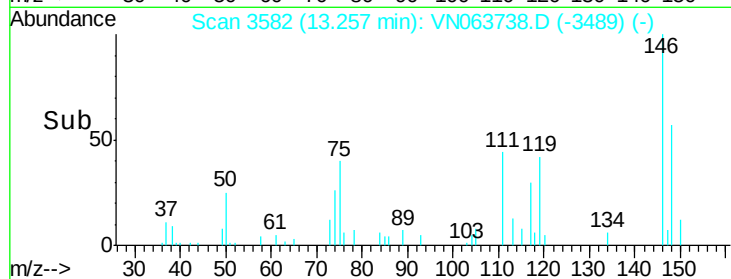
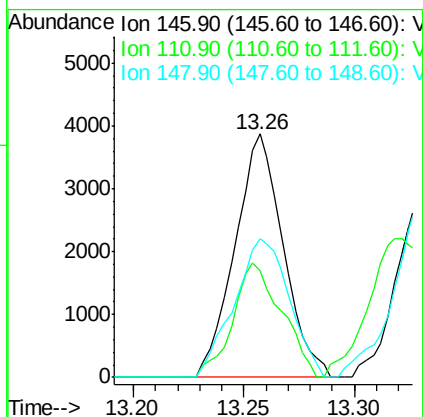
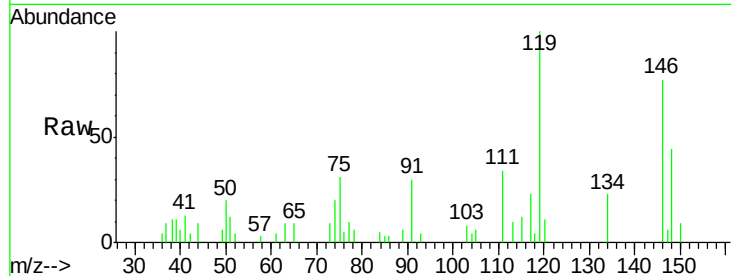




#87
 1,3-Dichlorobenzene
 Concen: 1.022 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

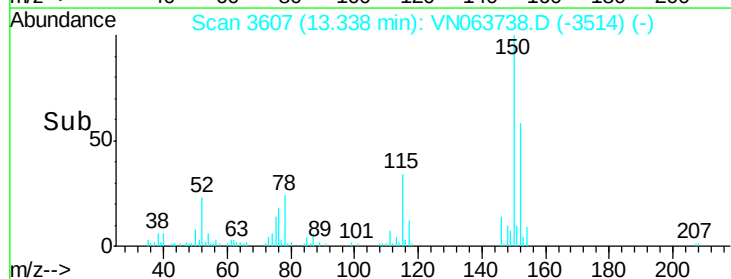
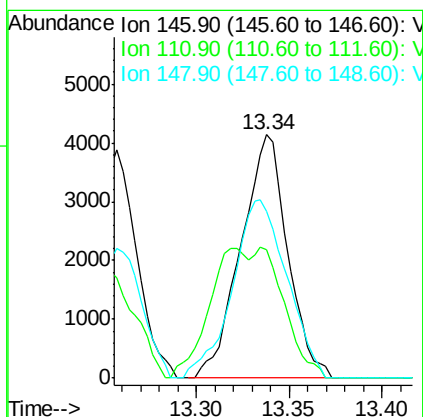
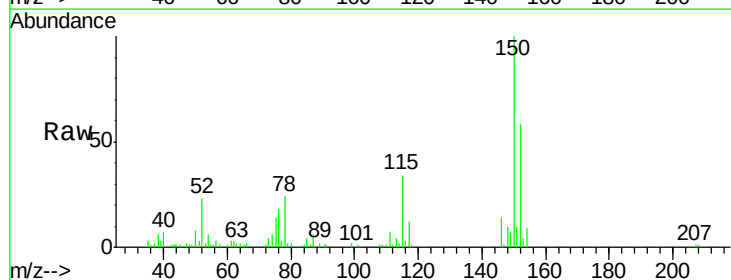
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

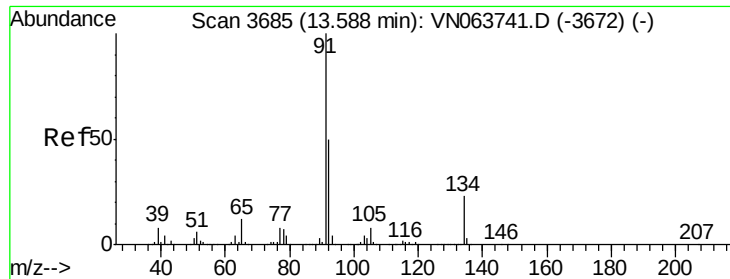
Tgt Ion:146 Resp: 5885
 Ion Ratio Lower Upper
 146 100
 111 47.2 21.5 64.5
 148 64.8 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 1.242 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion:146 Resp: 7235
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.3 63.7
 148 85.6 32.0 96.0





#89

n-Butylbenzene

Concen: 0.990 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

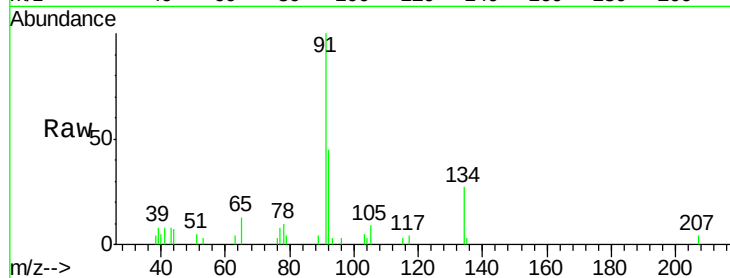
Tgt Ion: 91 Resp: 10084

Ion Ratio Lower Upper

91 100

92 46.6 25.4 76.4

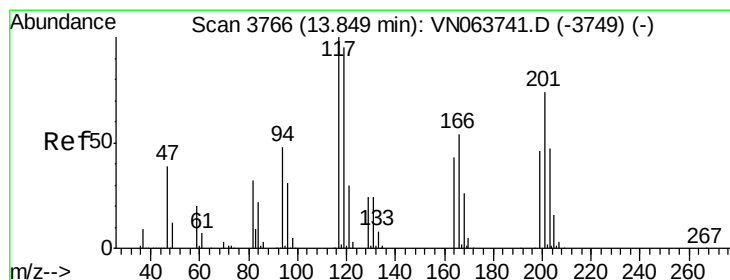
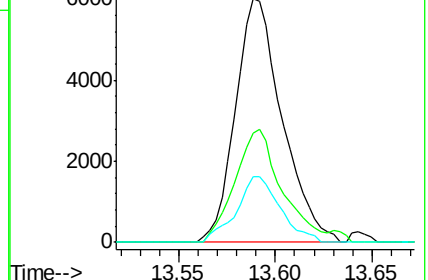
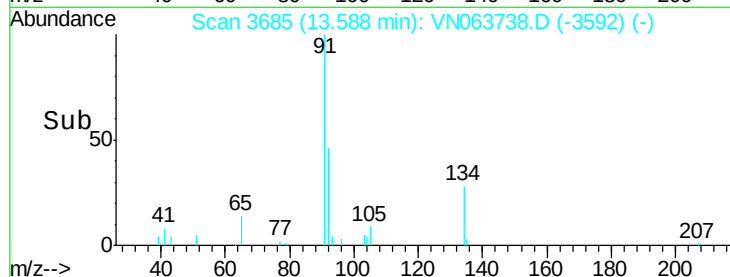
134 25.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063738.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063738.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063738.D (-3672) (-)



#90

Hexachloroethane

Concen: 0.907 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063738.D

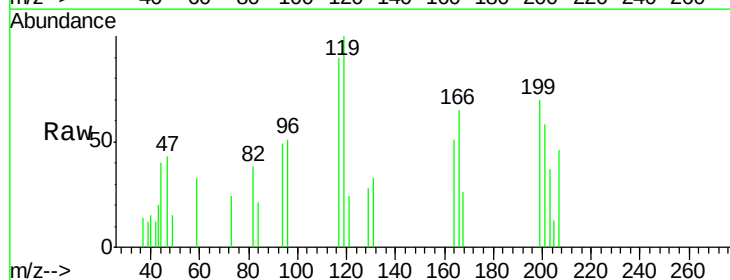
Acq: 30 Sep 2020 9:48

Tgt Ion: 117 Resp: 1925

Ion Ratio Lower Upper

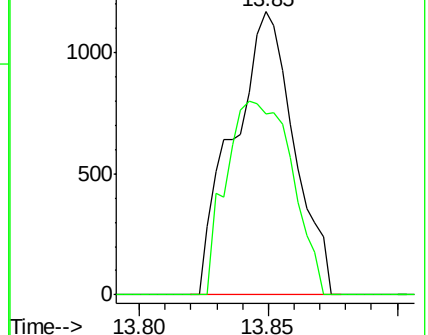
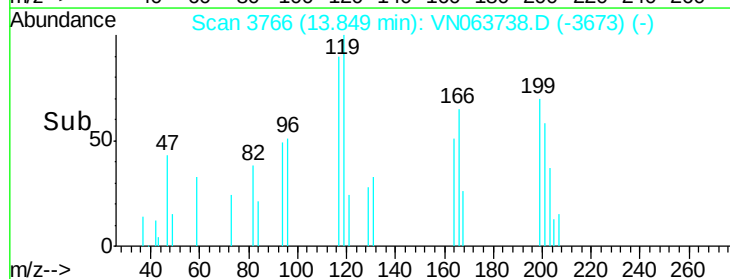
117 100

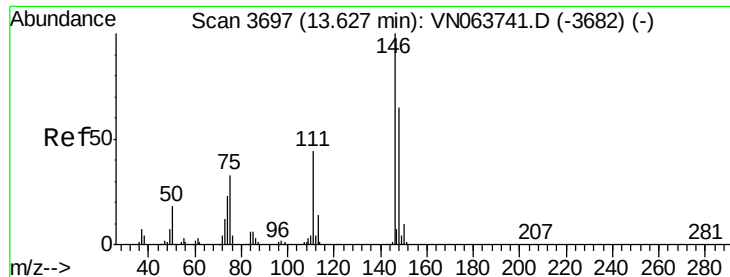
201 73.8 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063738.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063738.D (-3673) (-)

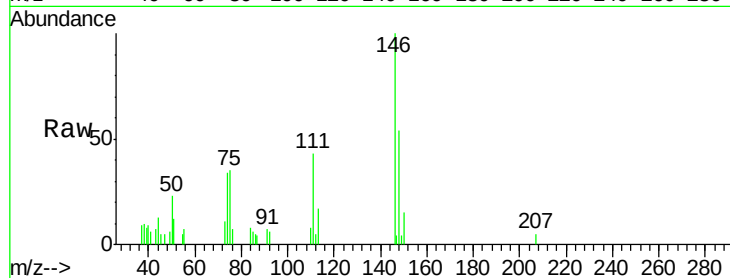




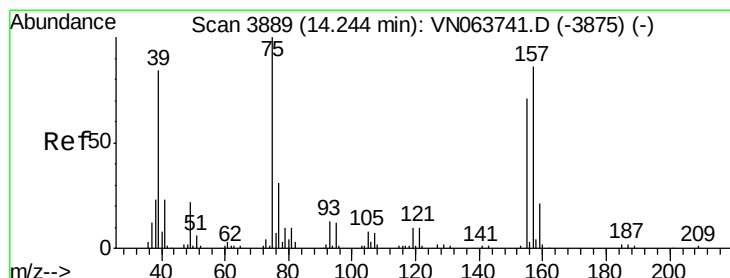
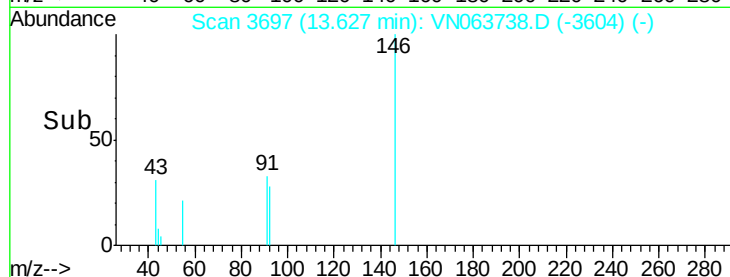
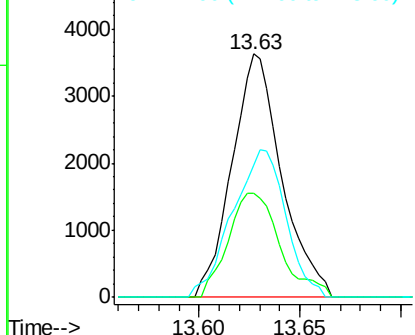
#91
 1,2-Dichlorobenzene
 Concen: 1.110 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tgt Ion: 146 Resp: 6241
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.2 66.6
 148 64.9 32.5 97.4

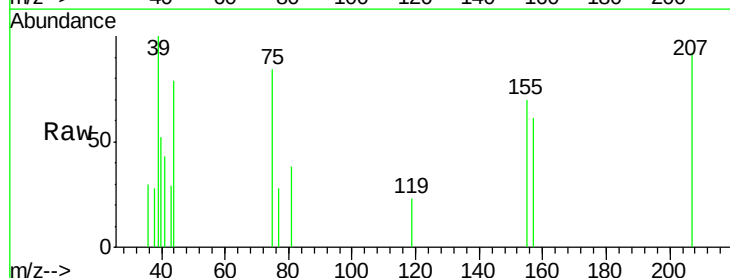


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

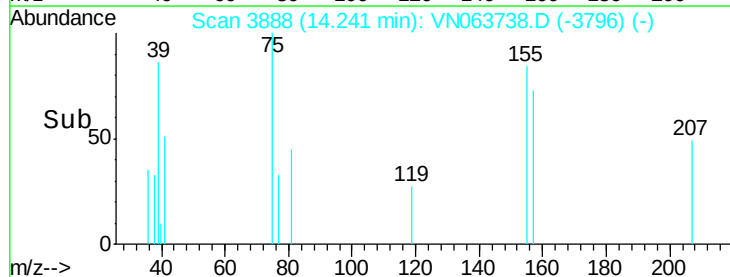
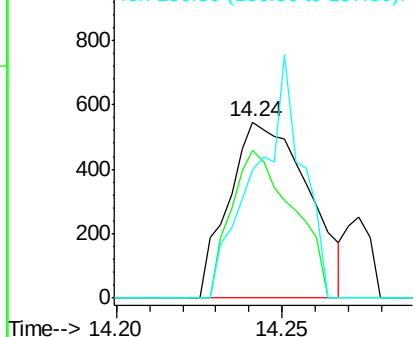


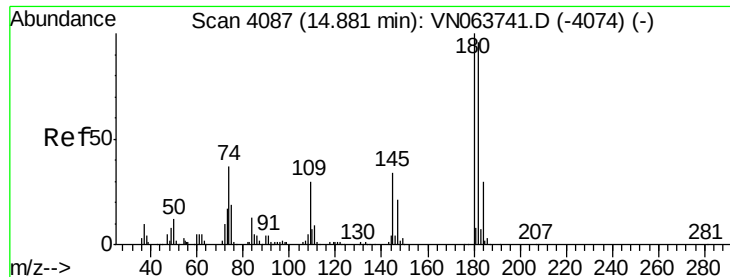
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.906 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 75 Resp: 906
 Ion Ratio Lower Upper
 75 100
 155 65.7 34.8 104.5
 157 81.2 43.7 131.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

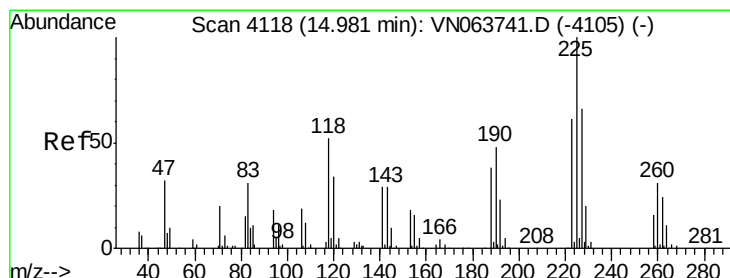
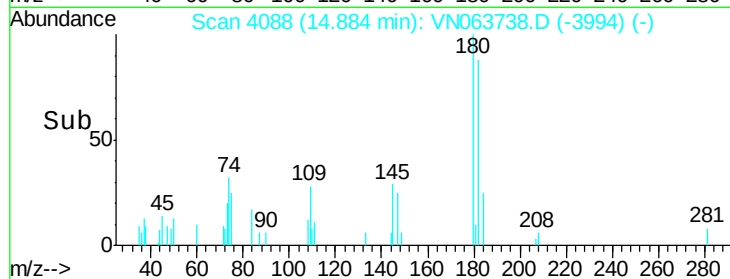
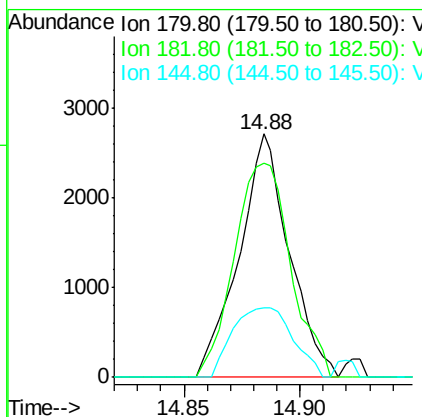
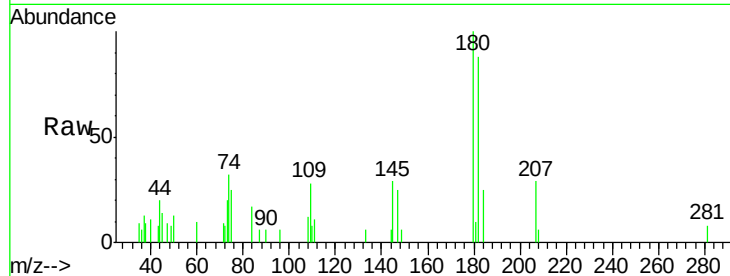




#93
 1,2,4-Trichlorobenzene
 Concen: 1.256 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

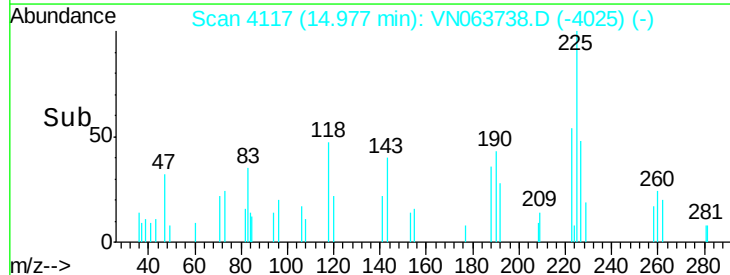
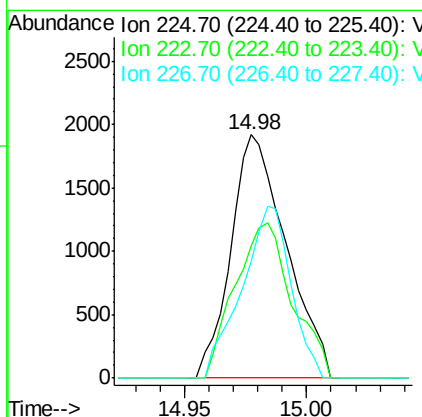
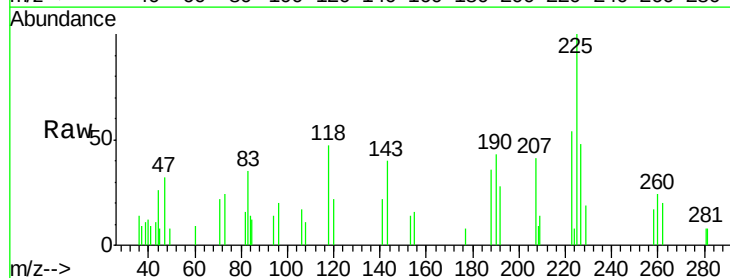
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

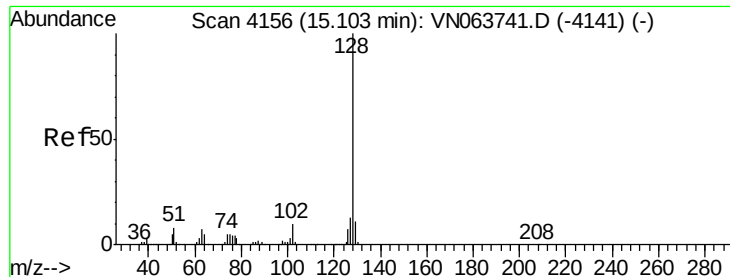
Tgt Ion:180 Resp: 4088
 Ion Ratio Lower Upper
 180 100
 182 98.7 48.2 144.6
 145 34.2 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 2.149 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion:225 Resp: 3015
 Ion Ratio Lower Upper
 225 100
 223 66.0 30.3 91.0
 227 62.7 31.9 95.5





#95

Naphthalene

Concen: 1.201 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

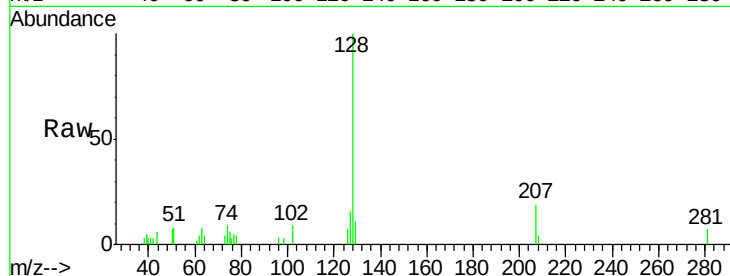
Tgt Ion:128 Resp: 12792

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

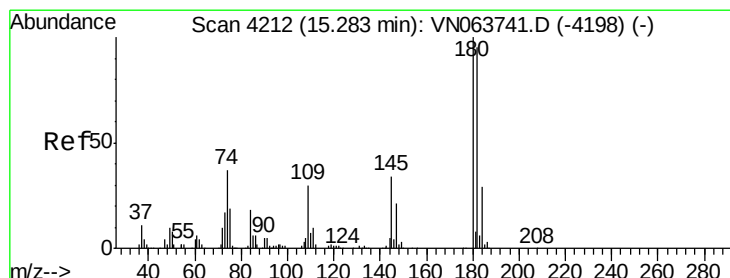
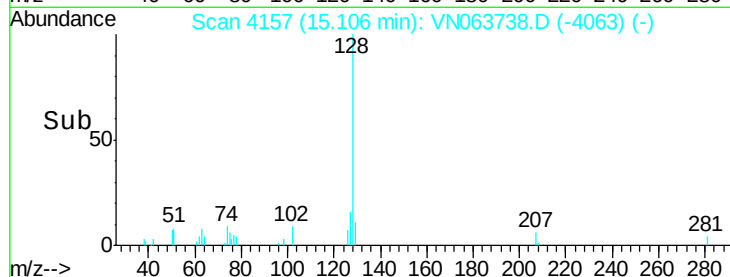
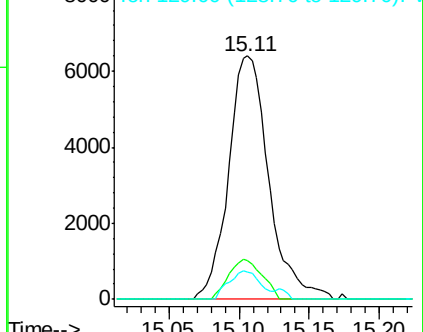
129 9.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.461 ug/l

RT: 15.29 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

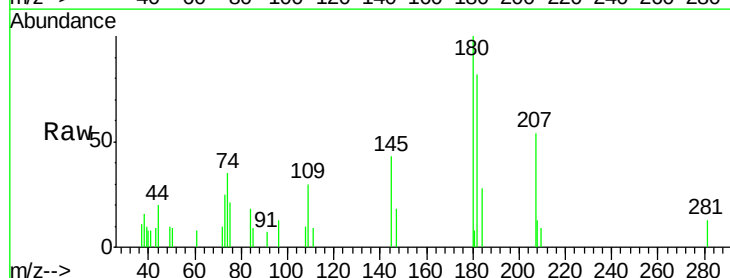
Tgt Ion:180 Resp: 4594

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.6

145 35.6 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

