

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071320\
 Data File : VN062508.D
 Acq On : 13 Jul 2020 10:00
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Jul 13 10:39:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 13 10:35:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	44764	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	249617	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	226984	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	116126	38.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	128.50%
60) 4-Bromofluorobenzene	12.38	95	113828	33.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	110.17%
63) Toluene-d8	10.06	98	328409	33.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	110.90%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	52383	25.913	ug/l 100
3) Chloromethane	2.04	50	74490	29.547	ug/l 100
4) Vinyl Chloride	2.16	62	65553	20.824	ug/l 100
5) Bromomethane	2.54	94	30729	15.911	ug/l 100
6) Chloroethane	2.67	64	32950	15.865	ug/l 100
7) Trichlorofluoromethane	2.99	101	79974	18.411	ug/l 100
8) Diethyl Ether	3.37	74	37567	24.765	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49996	21.102	ug/l 100
10) 1,1-Dichloroethene	3.70	96	50733	21.589	ug/l 100
11) Methyl Iodide	3.91	142	60520	19.471	ug/l 100
12) Methyl Acetate	4.28	43	67272	31.281	ug/l 100
13) Acrolein	3.57	56	52402	172.264	ug/l 100
14) Acrylonitrile	4.93	53	156594	145.568	ug/l 100
15) Acetone	3.78	58	57495	169.007	ug/l 99
16) Carbon Disulfide	4.01	76	163047	30.853	ug/l 100
17) Allyl chloride	4.27	41	112944	35.207	ug/l 100
18) Methylene Chloride	4.50	84	63619	23.092	ug/l 100
19) trans-1,2-Dichloroethene	4.99	96	55680	21.352	ug/l 100
20) Diisopropyl ether	5.90	45	225786	30.961	ug/l 100
21) 1,1-Dichloroethane	5.80	63	118448	26.205	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	63446	20.758	ug/l 100
23) tert-Butyl Alcohol	4.73	59	54310	134.171	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	187376	24.039	ug/l 100
25) Chloroform	7.33	83	107916	22.128	ug/l 100
26) Cyclohexane	7.61	56	102925	28.791	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	83131	23.340	ug/l 100
30) 2-Butanone	6.79	43	239187	167.692	ug/l 100
31) 2,2-Dichloropropane	6.78	77	96422	23.144	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	90851	20.630	ug/l 100
33) Carbon Tetrachloride	7.73	117	78232	21.458	ug/l 100
34) Benzene	8.00	78	251214	22.779	ug/l 100
35) Methacrylonitrile	7.12	41	40947	32.478	ug/l 100
36) 1,2-Dichloroethane	8.09	62	89424	24.405	ug/l 100
37) Trichloroethene	8.80	130	56114	17.401	ug/l 100
38) Methylcyclohexane	9.05	83	91937	23.133	ug/l 100
39) 1,2-Dichloropropane	9.09	63	71833	25.940	ug/l 100
40) Dibromomethane	9.18	93	41426	21.241	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	87193	21.844	ug/l	100
42) Vinyl Acetate	5.84	43	946051	163.156	ug/l	100
43) Ethyl Acetate	6.88	43	90278	31.425	ug/l	100
44) Isopropyl Acetate	8.13	43	149358	29.889	ug/l	100
45) 1,4-Dioxane	9.17	88	21592	461.129	ug/l	100
46) Methyl methacrylate	9.17	41	71211	31.656	ug/l	100
47) n-amyl Acetate	12.05	43	122222	28.788	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	99309	23.234	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	108195	23.278	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	58373	20.644	ug/l	100
51) Ethyl methacrylate	10.40	69	95285	24.483	ug/l	100
52) 1,3-Dichloropropane	10.68	76	106330	22.931	ug/l	100
53) Dibromochloromethane	10.87	129	62940	19.212	ug/l	100
54) 1,2-Dibromoethane	10.98	107	57400	19.645	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	149432	104.234	ug/l	100
56) Bromoform	12.10	173	42310	18.479	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	457069	161.021	ug/l	100
59) 2-Hexanone	10.72	43	336301	162.287	ug/l	100
61) Tetrachloroethene	10.60	164	46887	14.271	ug/l	100
62) Toluene	10.12	91	262467	22.068	ug/l	100
64) Chlorobenzene	11.41	112	148920	19.903	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	56033	19.666	ug/l	100
66) Ethyl Benzene	11.48	91	283353	21.709	ug/l	100
67) m/p-Xylenes	11.59	106	203736	40.107	ug/l	100
68) o-Xylene	11.92	106	98408	20.440	ug/l	100
69) Styrene	11.94	104	164874	20.128	ug/l	100
70) Isopropylbenzene	12.22	105	263904	20.649	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	86235	24.249	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	115690	34.849	ug/l	58
73) Bromobenzene	12.50	156	60440	18.018	ug/l	100
74) n-propylbenzene	12.57	91	307228	21.152	ug/l	100
75) 2-Chlorotoluene	12.65	91	187348	21.663	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	219236	20.576	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	30230	24.716	ug/l	100
78) 4-Chlorotoluene	12.75	91	189168	21.135	ug/l	100
79) tert-butylbenzene	12.97	119	184497	20.069	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	218181	20.414	ug/l	100
81) sec-Butylbenzene	13.15	105	243163	20.469	ug/l	100
82) p-Isopropyltoluene	13.26	119	213226	19.508	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	103238	17.371	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	99358	17.051	ug/l	100
85) n-Butylbenzene	13.59	91	172188	19.093	ug/l	100
86) Hexachloroethane	13.85	117	41242	25.242	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	100176	17.749	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	16194	24.325	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	45992	14.279	ug/l	100
90) Hexachlorobutadiene	14.99	225	27270	18.742	ug/l	100
91) Naphthalene	15.10	128	124472	13.945	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	47562	15.026	ug/l	100

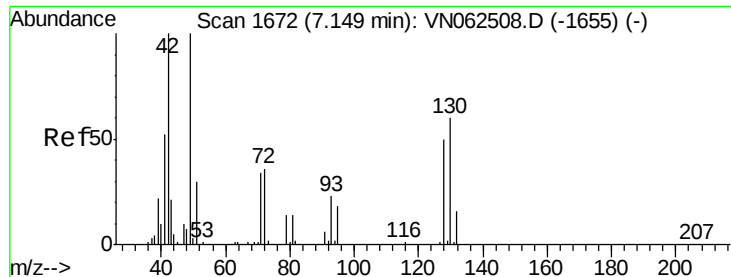
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

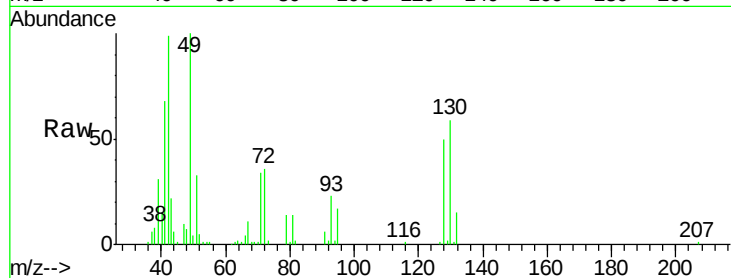
Tgt Ion:128 Resp: 44764

Ion Ratio Lower Upper

128 100

49 210.0 0.0 525.0

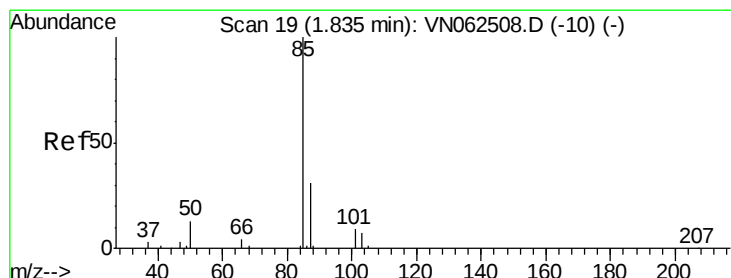
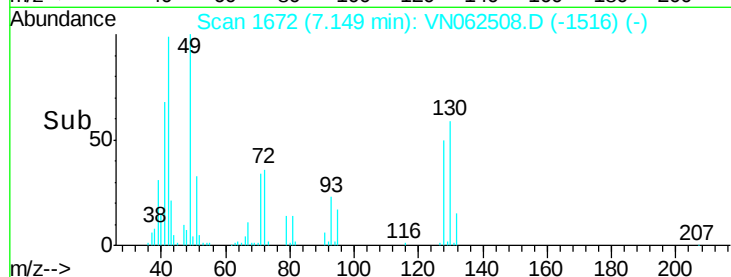
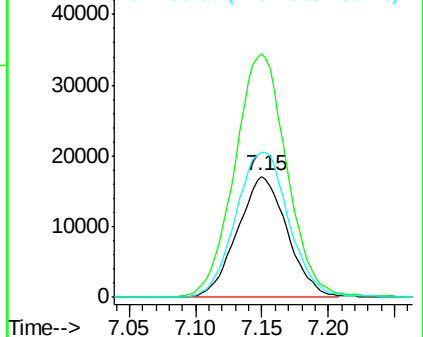
130 127.9 0.0 319.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 25.913 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN062508.D

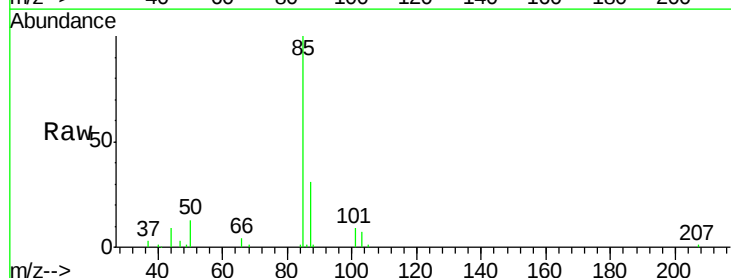
Acq: 13 Jul 2020 10:00

Tgt Ion: 85 Resp: 52383

Ion Ratio Lower Upper

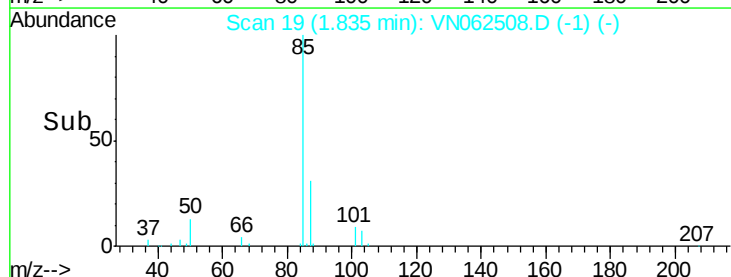
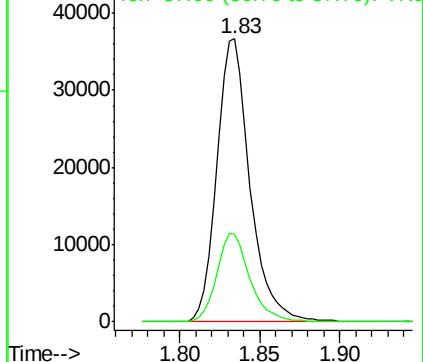
85 100

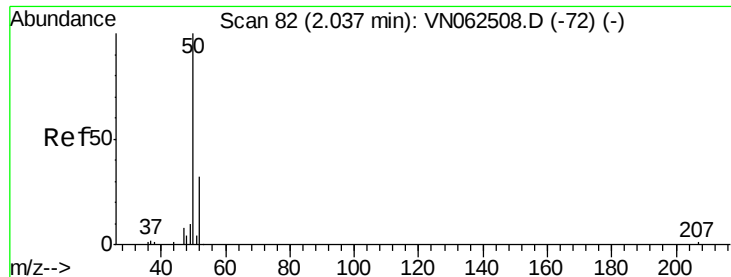
87 31.1 15.6 46.7



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN

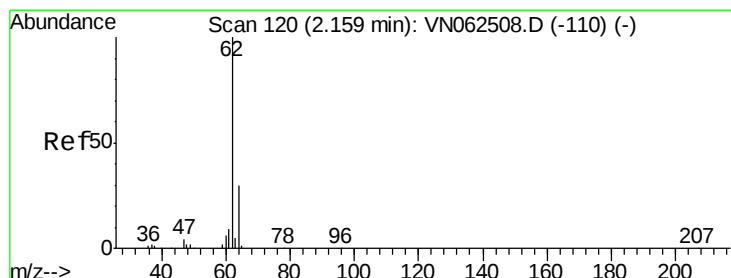
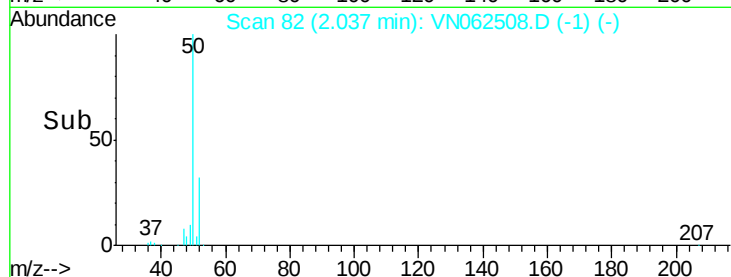
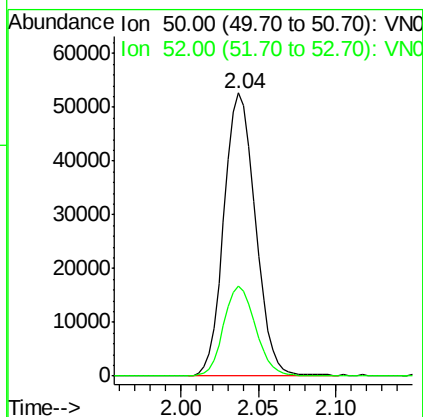
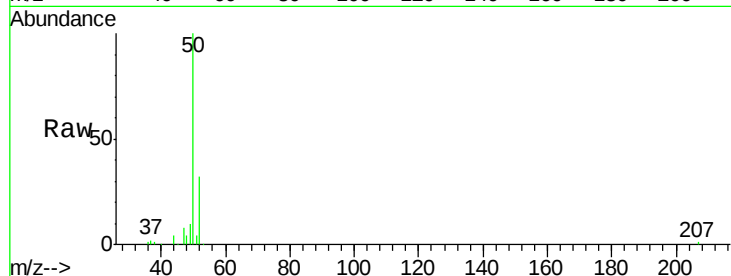




#3
Chloromethane
Concen: 29.547 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

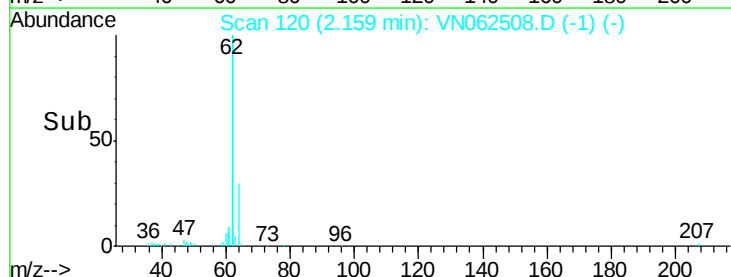
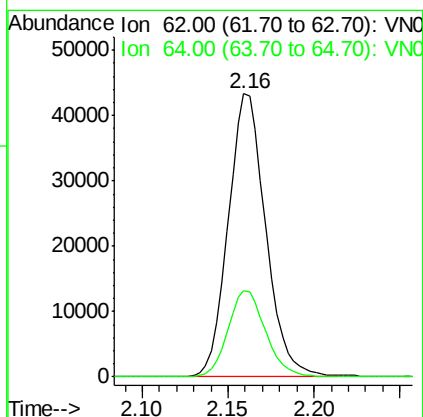
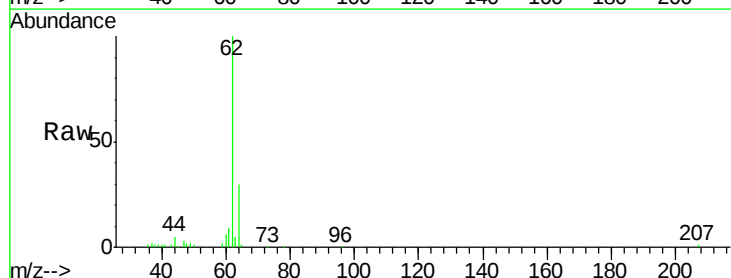
Instrument :
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VSTDICCC020

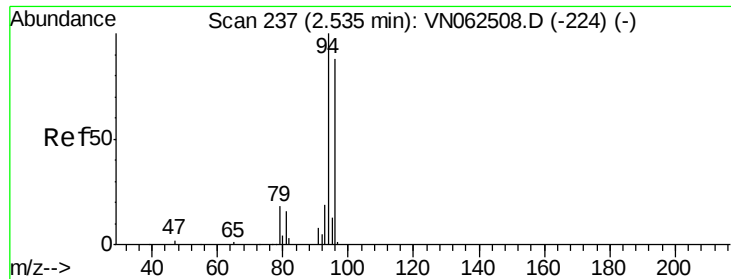
Tgt Ion: 50 Resp: 74490
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2



#4
Vinyl Chloride
Concen: 20.824 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 62 Resp: 65553
Ion Ratio Lower Upper
62 100
64 30.4 24.3 36.5





#5

Bromomethane

Concen: 15.911 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

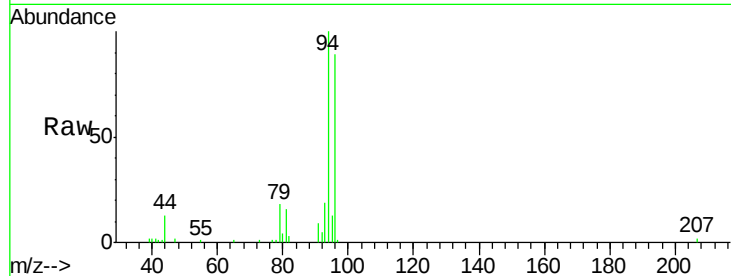
VSTDICCC020

Tgt Ion: 94 Resp: 30729

Ion Ratio Lower Upper

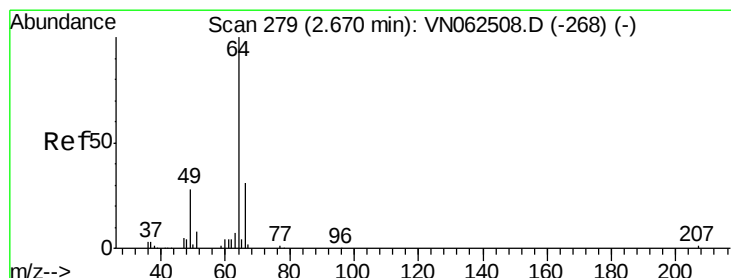
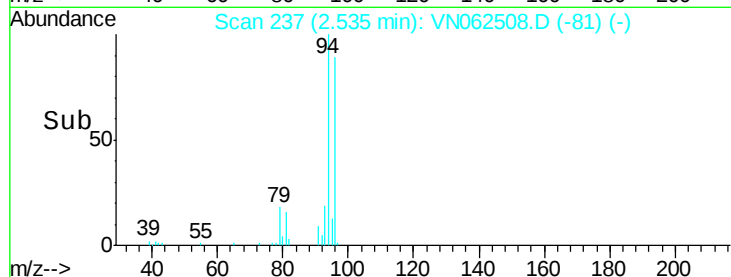
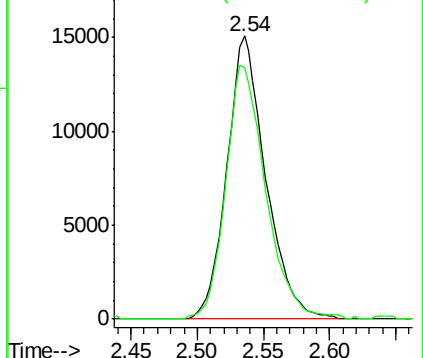
94 100

96 87.8 70.2 105.4



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 15.865 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN062508.D

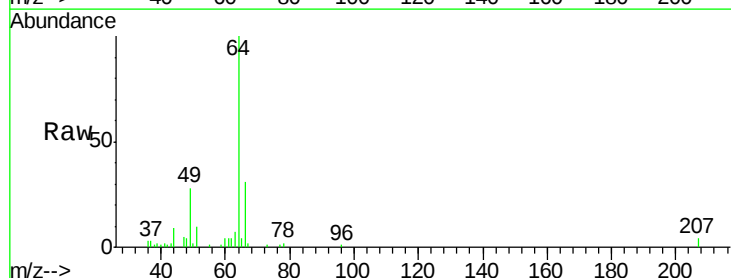
Acq: 13 Jul 2020 10:00

Tgt Ion: 64 Resp: 32950

Ion Ratio Lower Upper

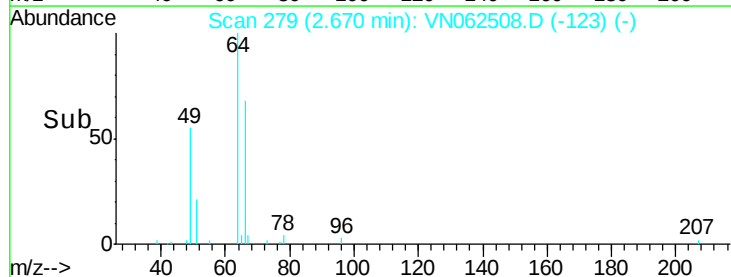
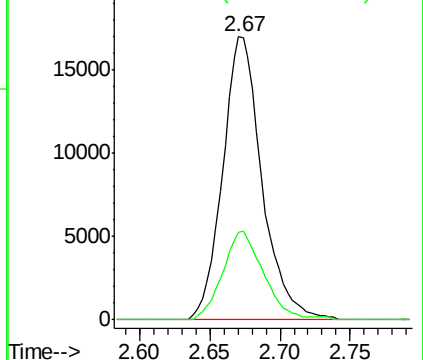
64 100

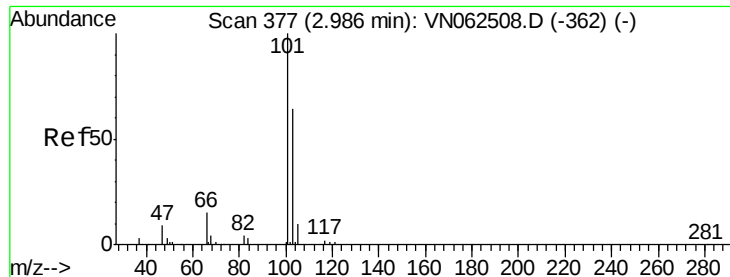
66 31.1 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



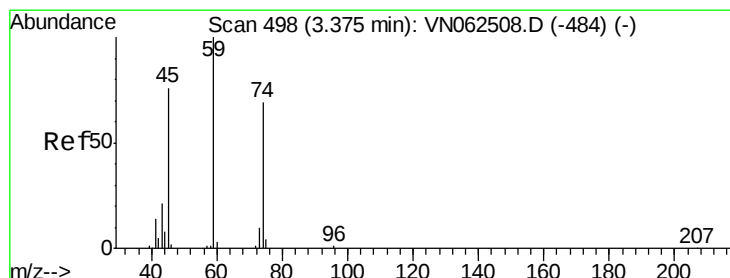
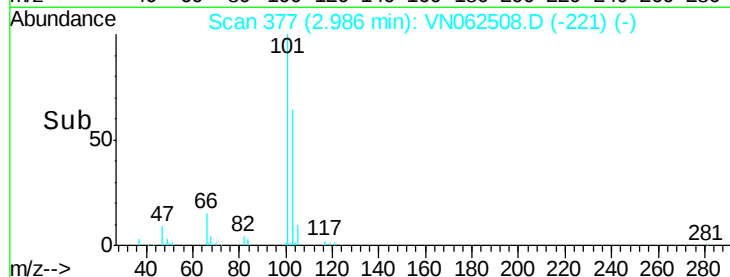
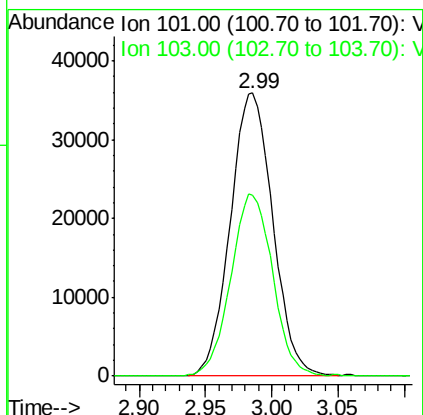
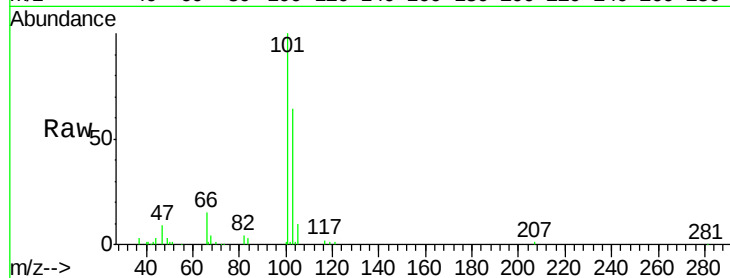


#7

Trichlorofluoromethane
 Concen: 18.411 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
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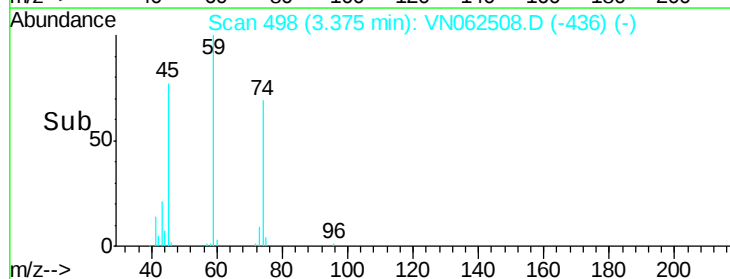
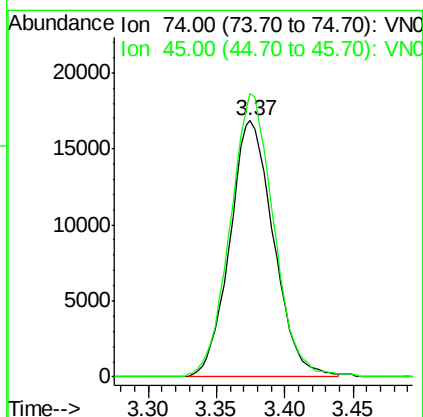
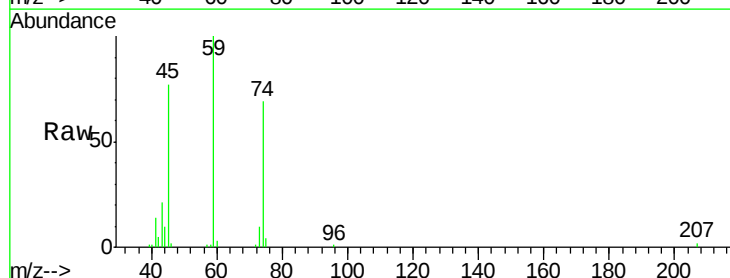
Tgt Ion: 101 Resp: 79974
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3

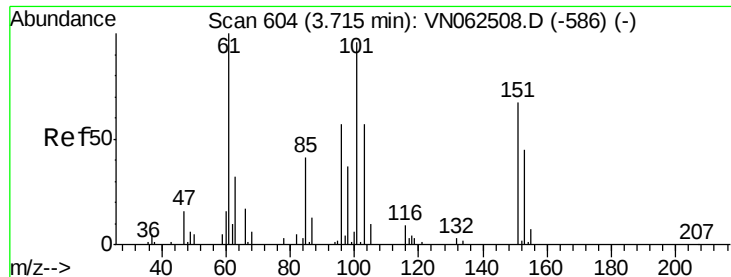


#8

Diethyl Ether
 Concen: 24.765 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 74 Resp: 37567
 Ion Ratio Lower Upper
 74 100
 45 109.2 21.8 196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.102 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

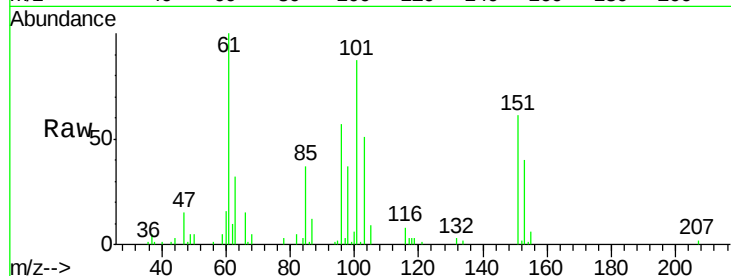
Tgt Ion: 101 Resp: 49996

Ion Ratio Lower Upper

101 100

85 45.2 0.0 90.4

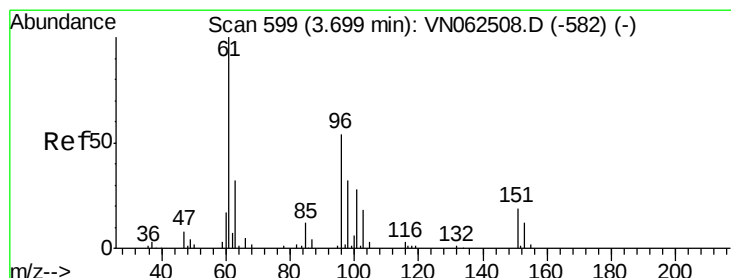
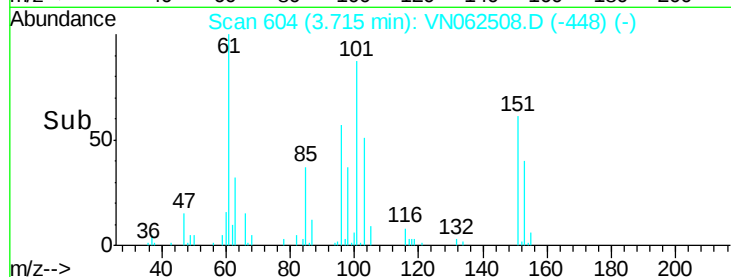
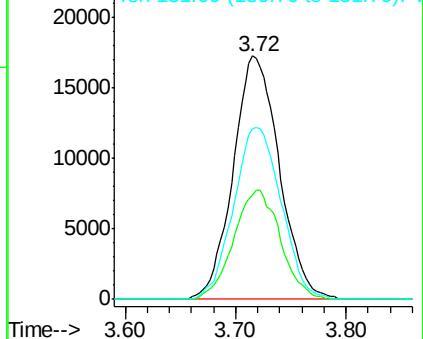
151 72.8 0.0 145.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.589 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

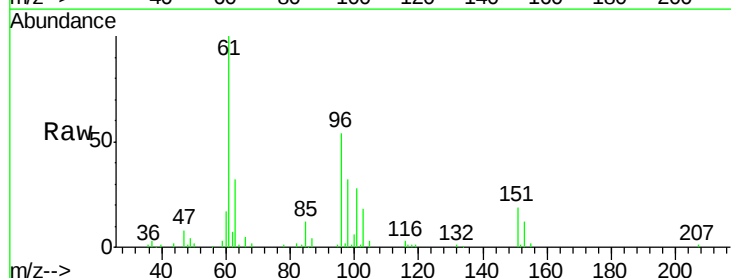
Tgt Ion: 96 Resp: 50733

Ion Ratio Lower Upper

96 100

61 184.8 147.8 221.8

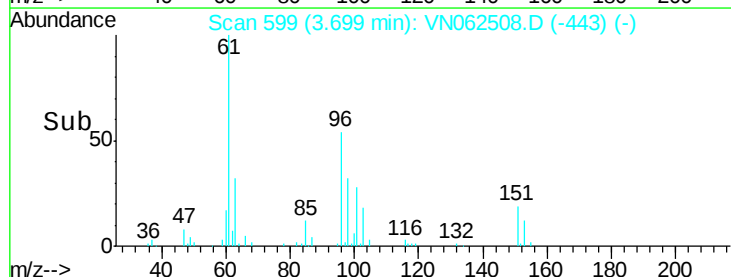
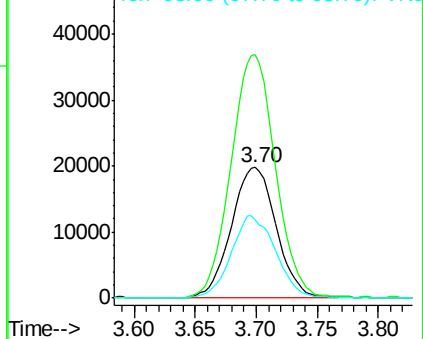
98 59.8 47.8 71.8

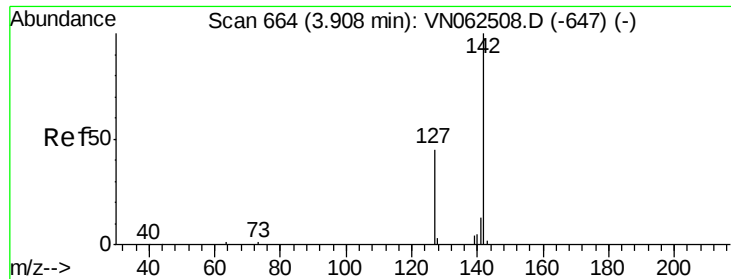


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

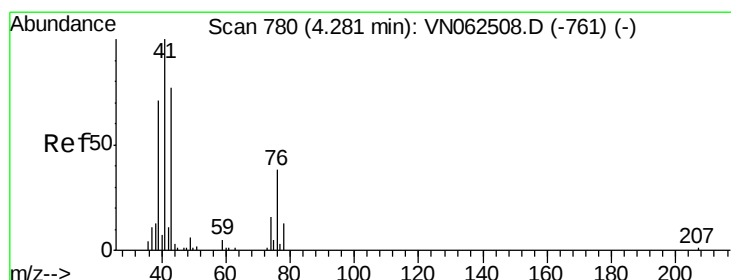
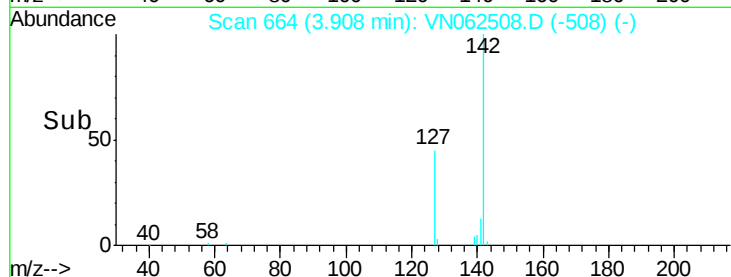
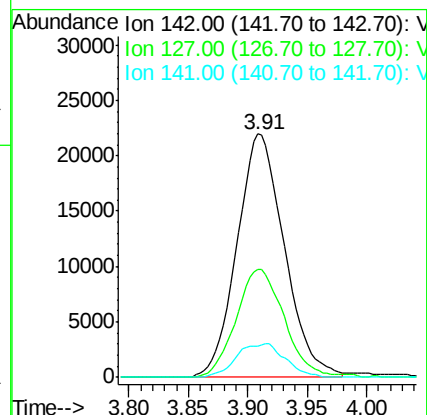
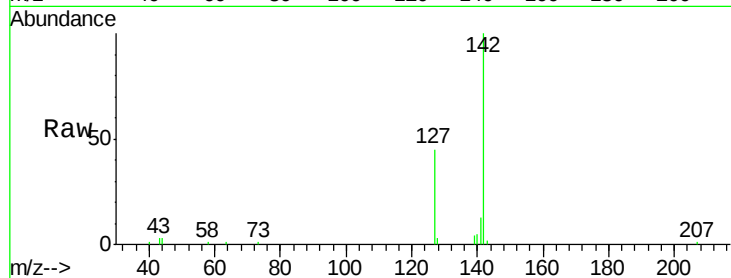




#11
Methyl Iodide
Concen: 19.471 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

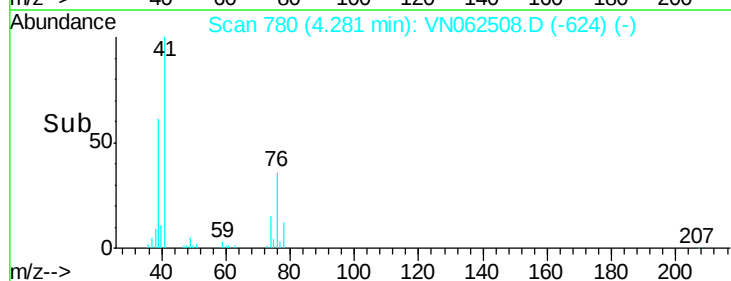
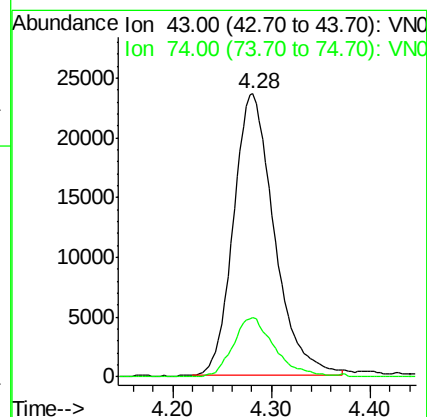
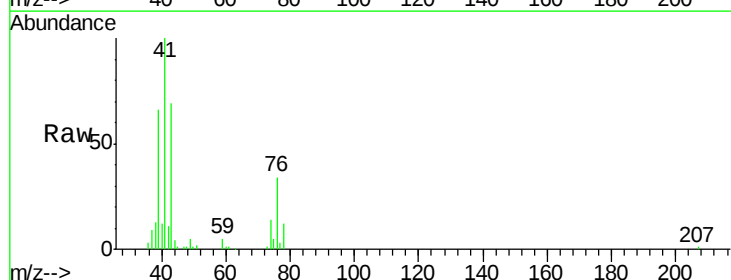
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

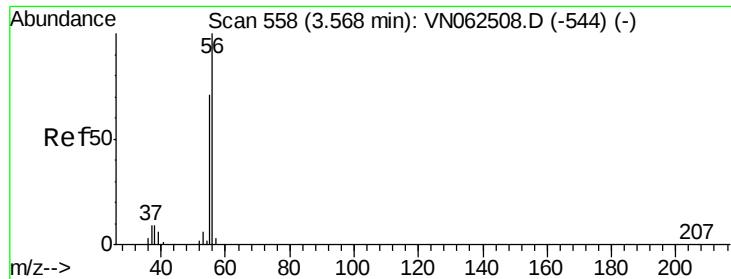
Tgt Ion:142 Resp: 60520
Ion Ratio Lower Upper
142 100
127 44.3 22.1 66.5
141 12.9 6.5 19.4



#12
Methyl Acetate
Concen: 31.281 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 43 Resp: 67272
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1





#13

Acrolein

Concen: 172.264 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

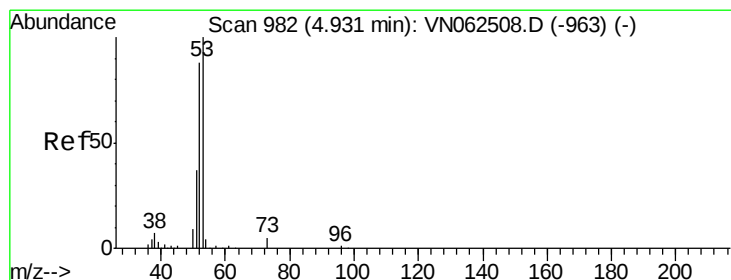
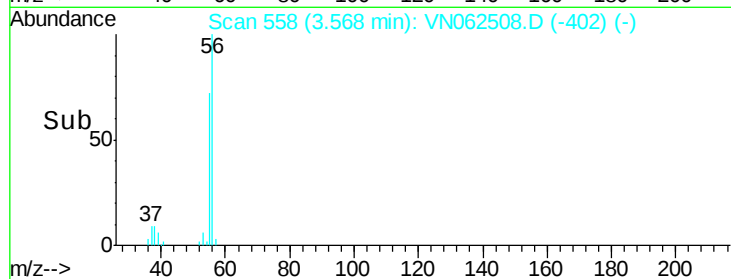
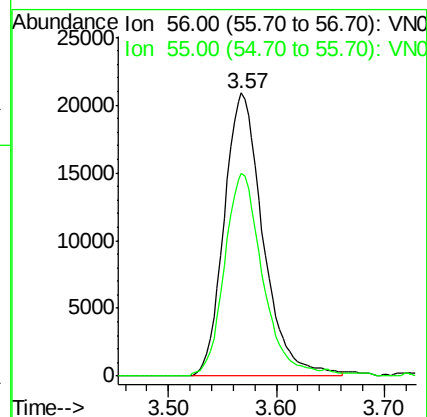
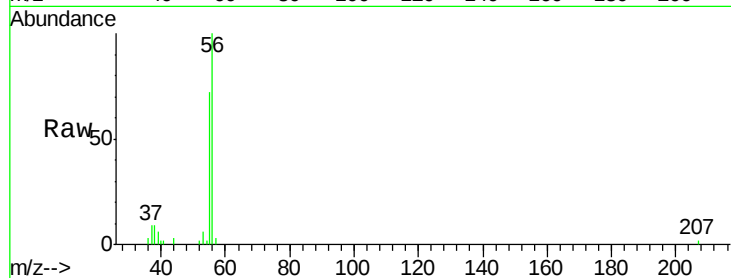
VSTDICCC020

Tgt Ion: 56 Resp: 52402

Ion Ratio Lower Upper

56 100

55 70.0 56.0 84.0



#14

Acrylonitrile

Concen: 145.568 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

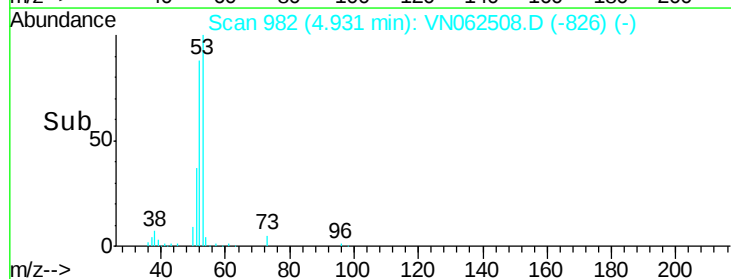
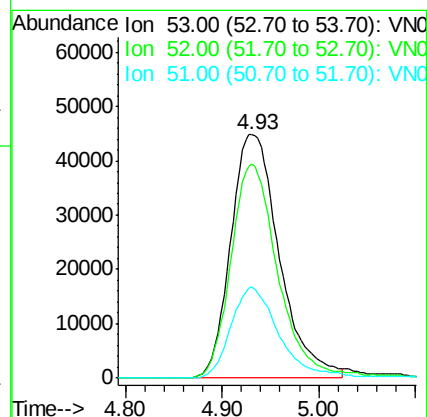
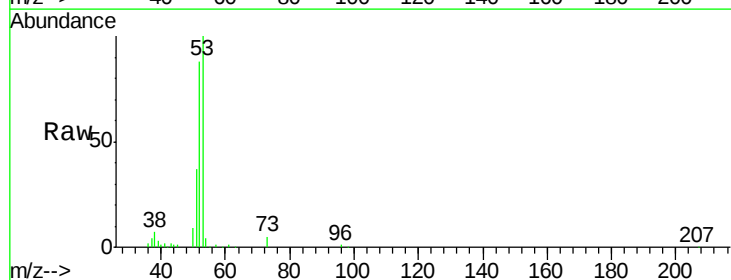
Tgt Ion: 53 Resp: 156594

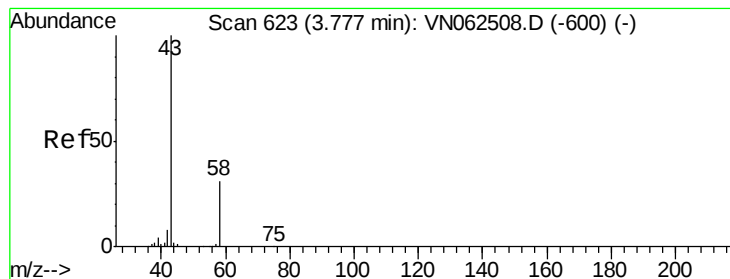
Ion Ratio Lower Upper

53 100

52 83.6 41.8 125.4

51 37.0 18.5 55.5





#15

Acetone

Concen: 169.007 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

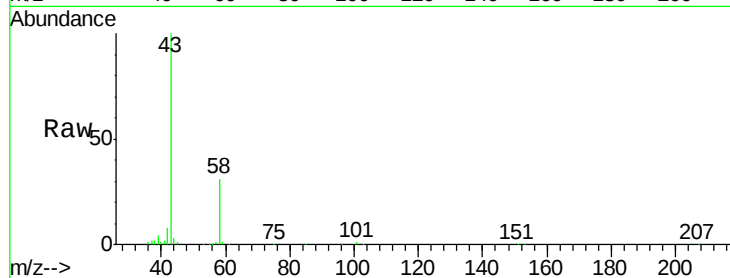
VSTDICCC020

Tgt Ion: 58 Resp: 57495

Ion Ratio Lower Upper

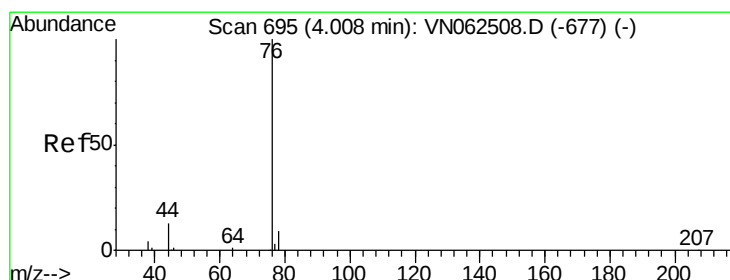
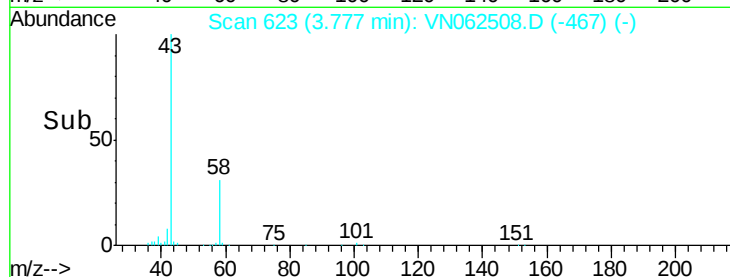
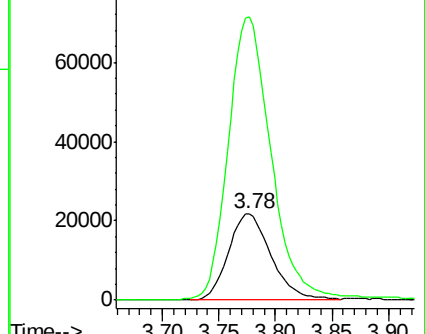
58 100

43 323.9 261.1 391.7



Abundance Ion 58.00 (57.70 to 58.70): VN062508.D (-600) (-)

Ion 43.00 (42.70 to 43.70): VN062508.D (-600) (-)



#16

Carbon Disulfide

Concen: 30.853 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062508.D

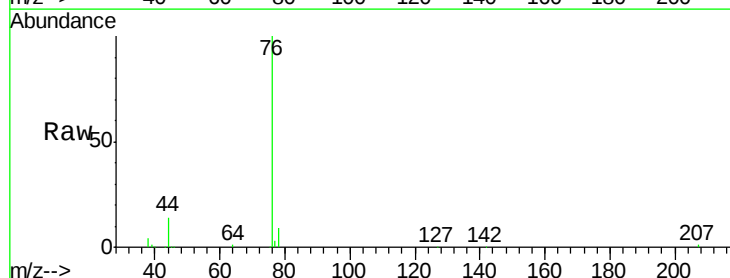
Acq: 13 Jul 2020 10:00

Tgt Ion: 76 Resp: 163047

Ion Ratio Lower Upper

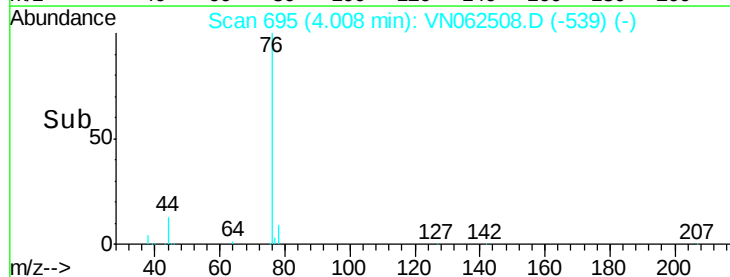
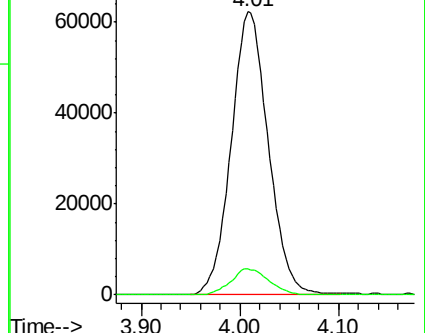
76 100

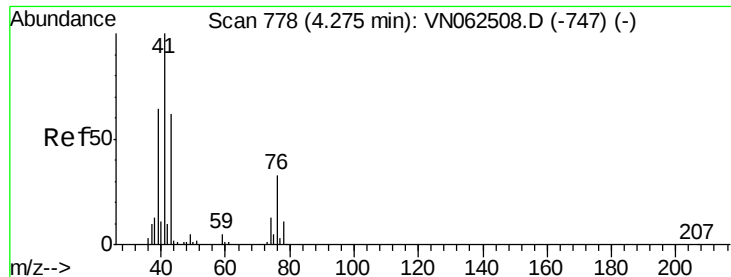
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN062508.D (-677) (-)

Ion 78.00 (77.70 to 78.70): VN062508.D (-677) (-)

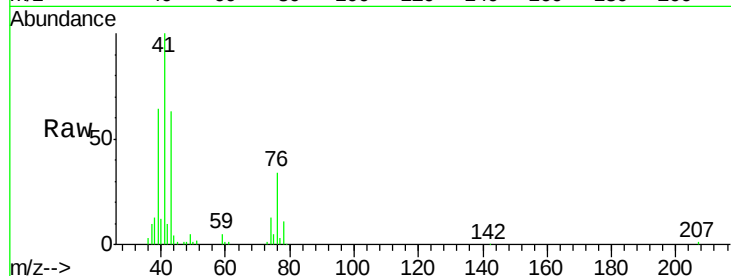




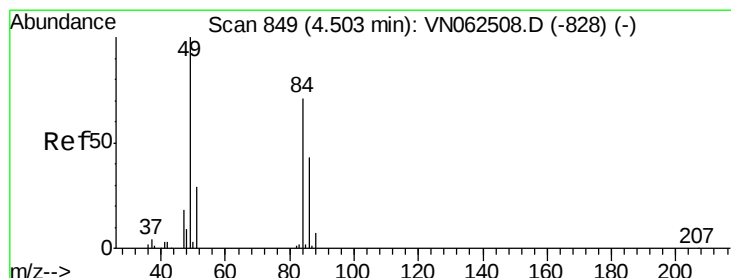
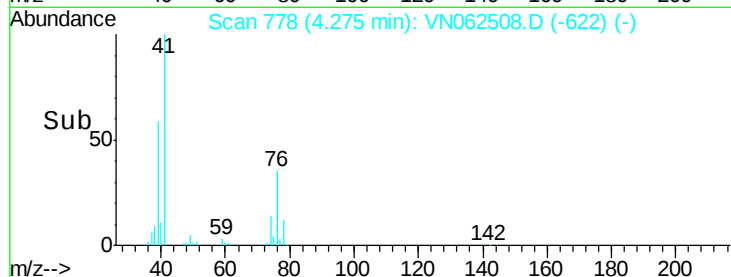
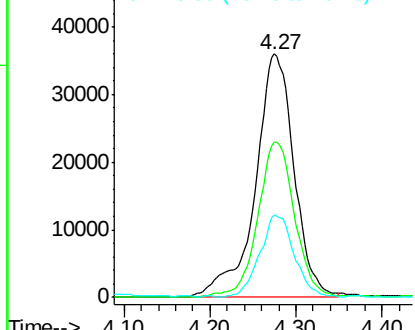
#17
 Allyl chloride
 Concen: 35.207 ug/l
 RT: 4.27 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 41 Resp: 112944
 Ion Ratio Lower Upper
 41 100
 39 63.7 31.9 95.5
 76 33.2 16.6 49.8

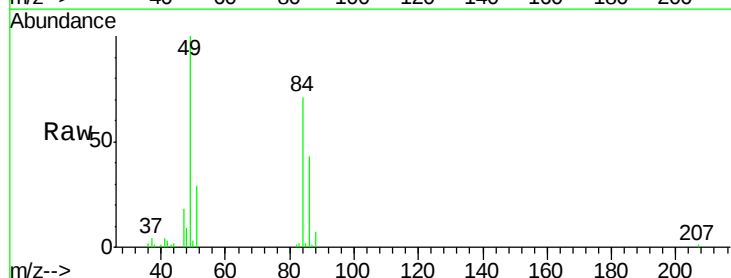


Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0
 Ion 76.00 (75.70 to 76.70): VN0

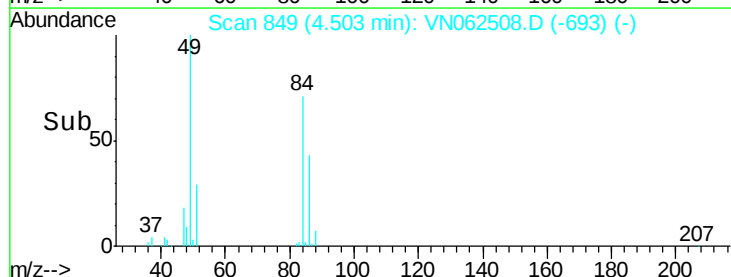
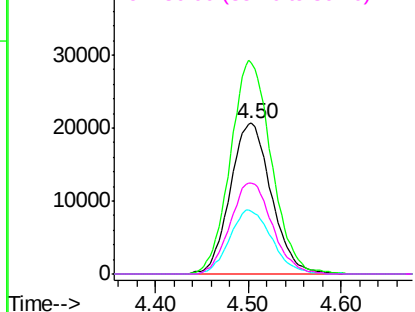


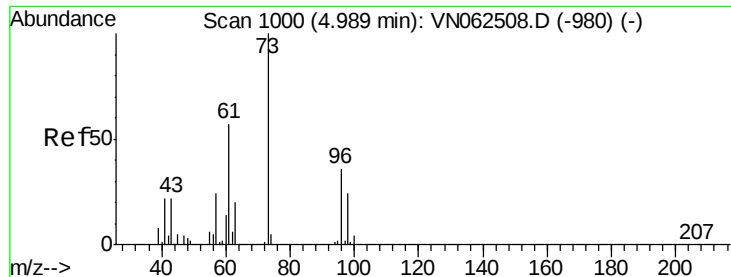
#18
 Methylene Chloride
 Concen: 23.092 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 84 Resp: 63619
 Ion Ratio Lower Upper
 84 100
 49 140.1 112.1 168.1
 51 41.2 33.0 49.4
 86 60.3 48.2 72.4



Abundance Ion 84.00 (83.70 to 84.70): VN0
 Ion 49.00 (48.70 to 49.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0

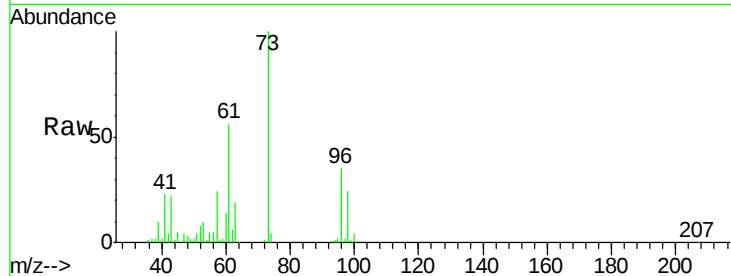




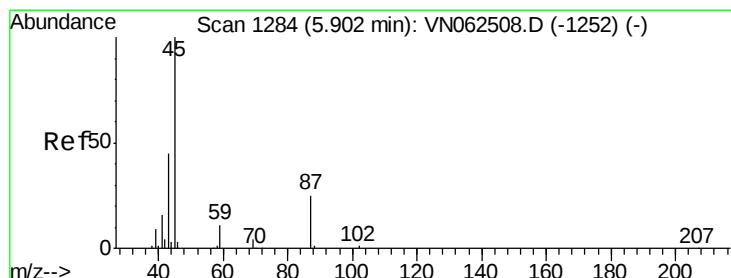
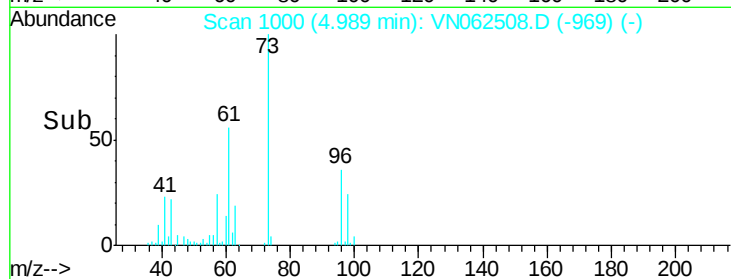
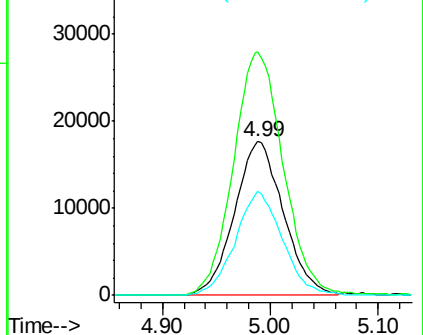
#19
trans-1,2-Dichloroethene
Concen: 21.352 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 55680
Ion Ratio Lower Upper
96 100
61 157.1 125.7 188.5
98 67.6 54.1 81.1

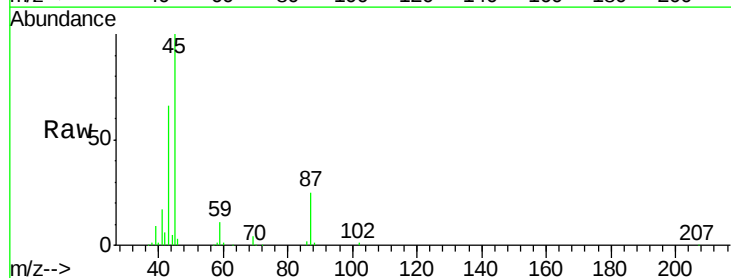


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

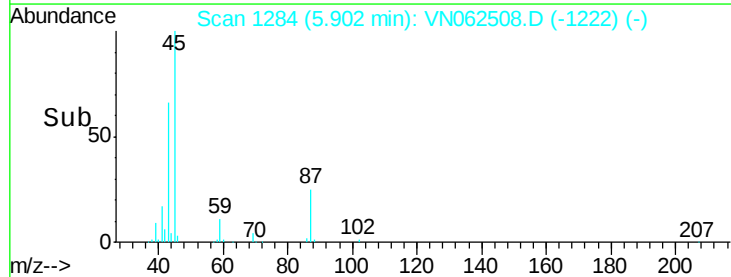
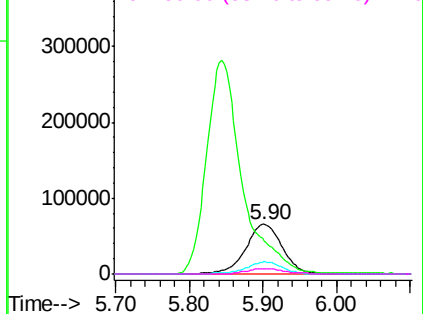


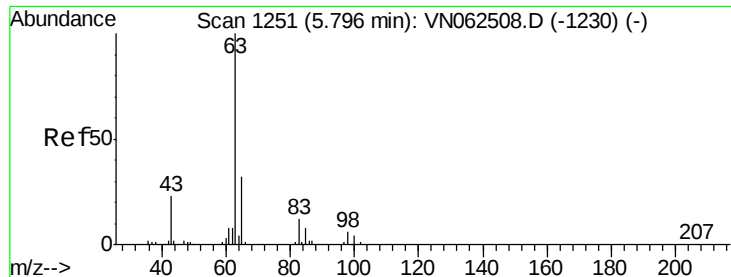
#20
Diisopropyl ether
Concen: 30.961 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 45 Resp: 225786
Ion Ratio Lower Upper
45 100
43 64.1 51.3 76.9
87 24.7 19.8 29.6
59 11.0 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

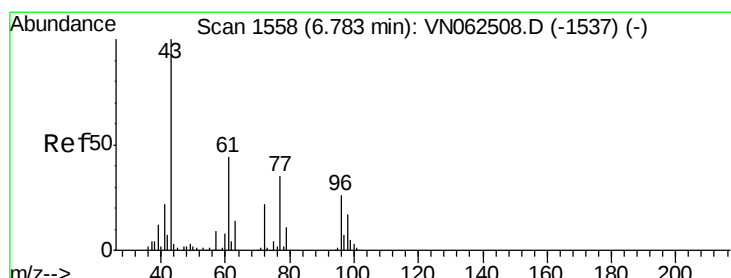
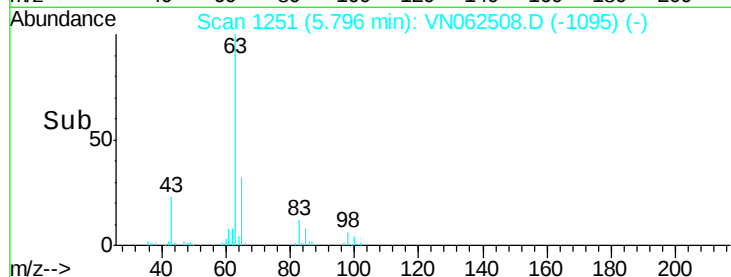
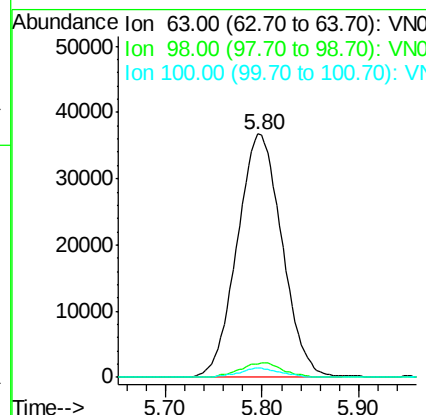
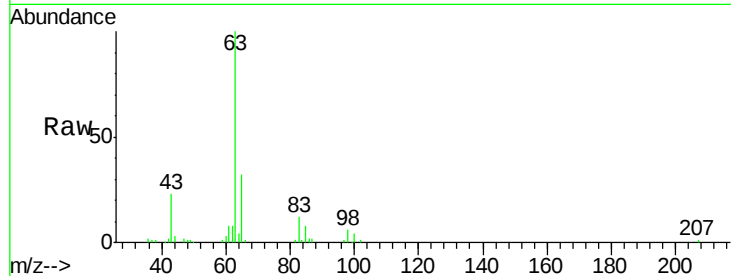




#21
 1,1-Dichloroethane
 Concen: 26.205 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

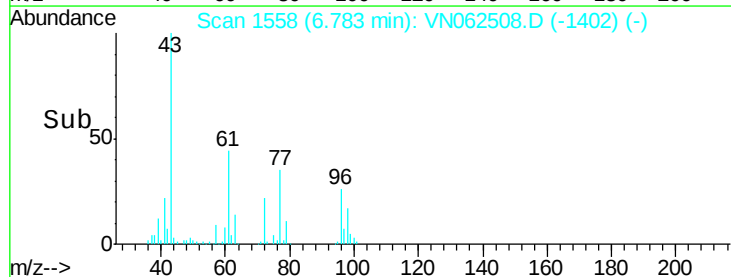
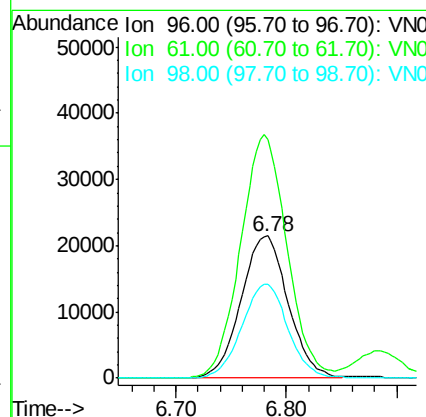
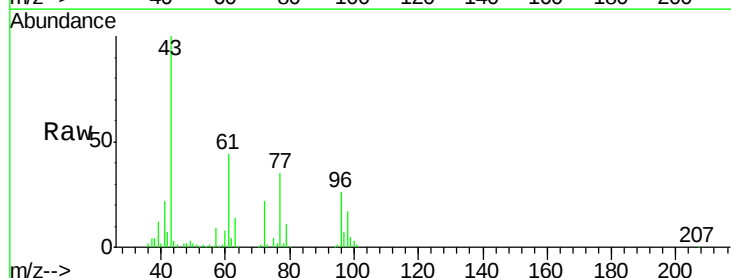
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

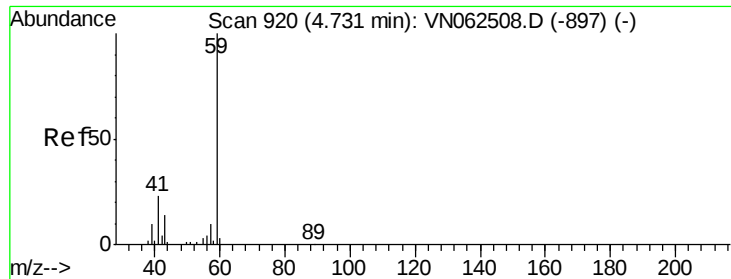
Tgt Ion: 63 Resp: 118448
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.8 8.4
 100 3.9 2.0 5.8



#22
 cis-1,2-Dichloroethene
 Concen: 20.758 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 96 Resp: 63446
 Ion Ratio Lower Upper
 96 100
 61 168.6 134.9 202.3
 98 64.4 51.5 77.3

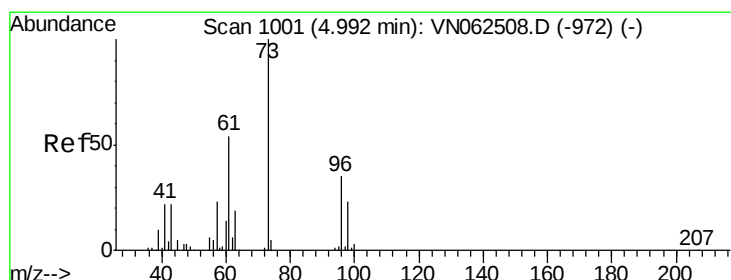
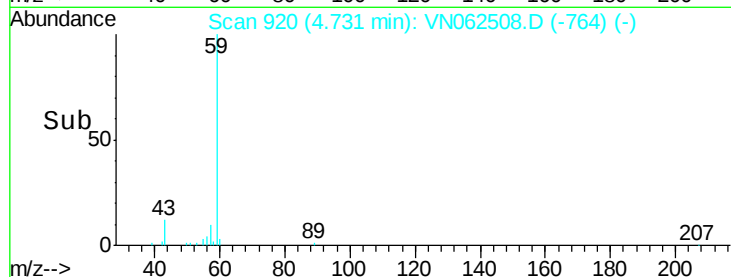
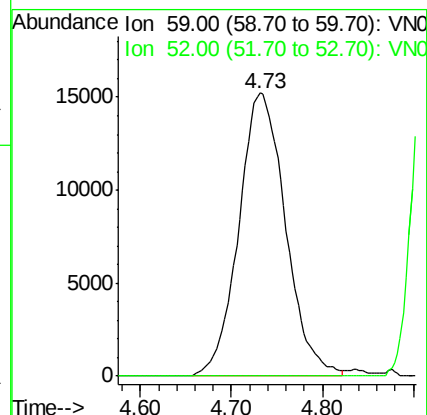
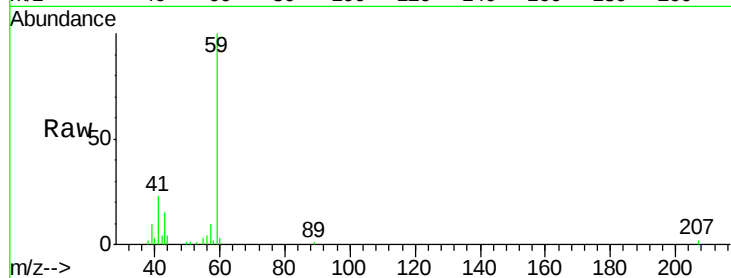




#23
 tert-Butyl Alcohol
 Concen: 134.171 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

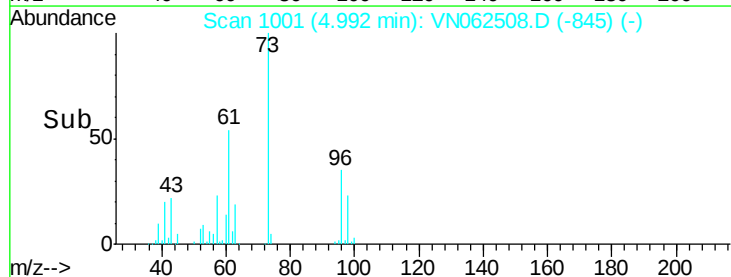
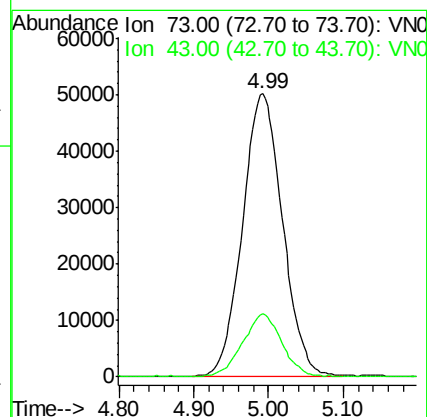
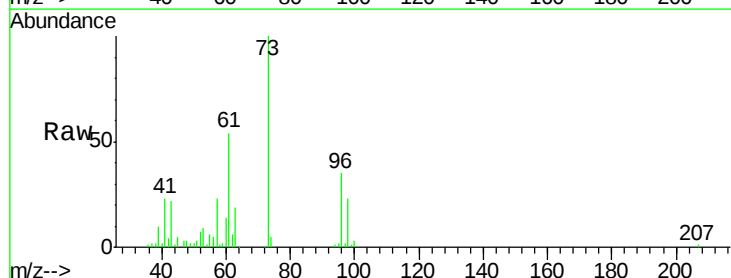
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

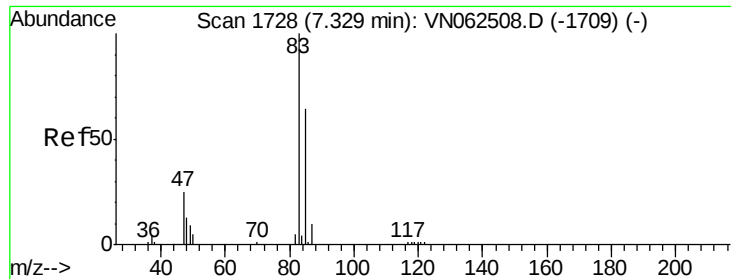
Tgt Ion: 59 Resp: 54310
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 24.039 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 73 Resp: 187376
 Ion Ratio Lower Upper
 73 100
 43 21.1 16.9 25.3





#25

Chloroform

Concen: 22.128 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

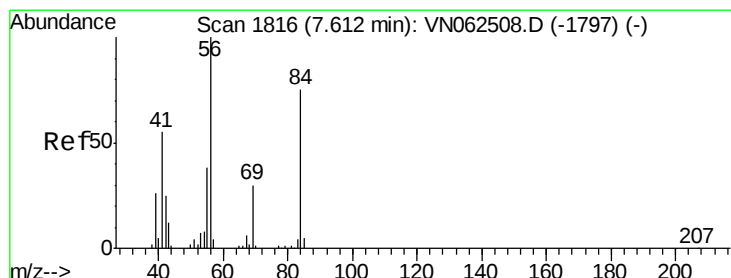
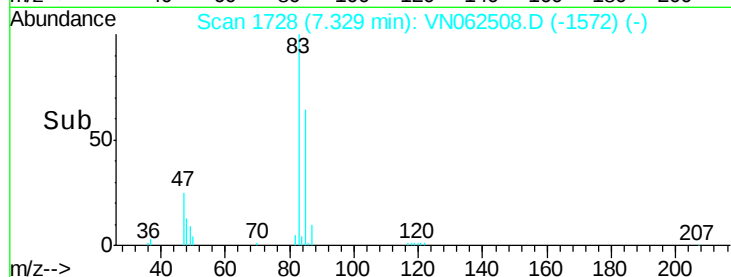
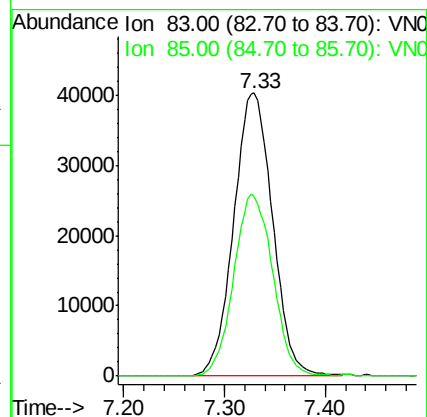
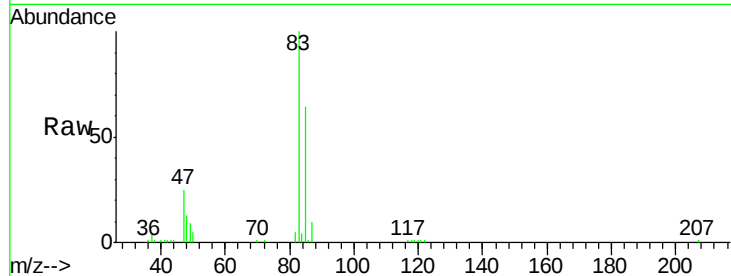
VSTDICCC020

Tgt Ion: 83 Resp: 107916

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.4



#26

Cyclohexane

Concen: 28.791 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

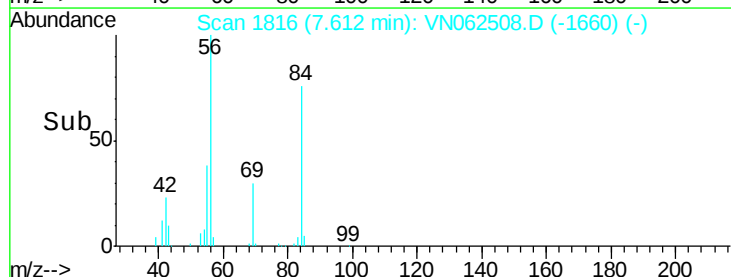
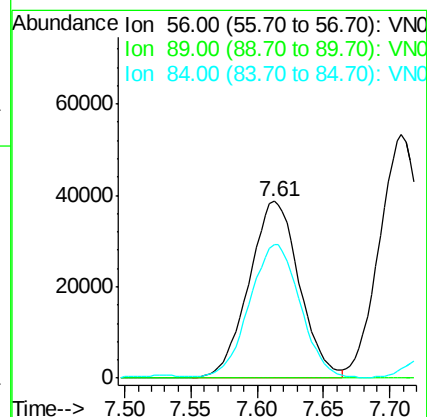
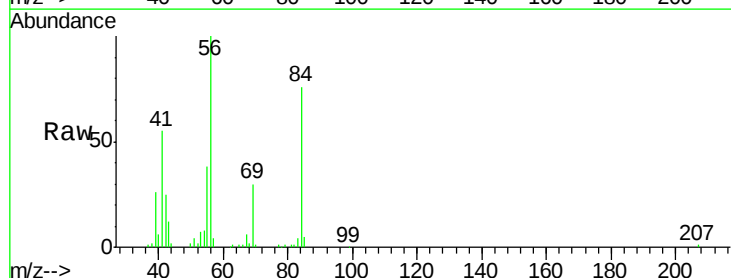
Tgt Ion: 56 Resp: 102925

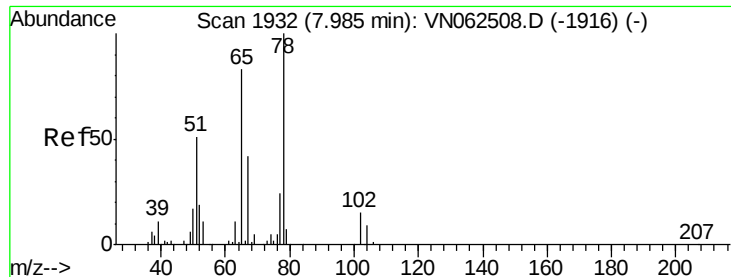
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 76.4 61.1 91.7

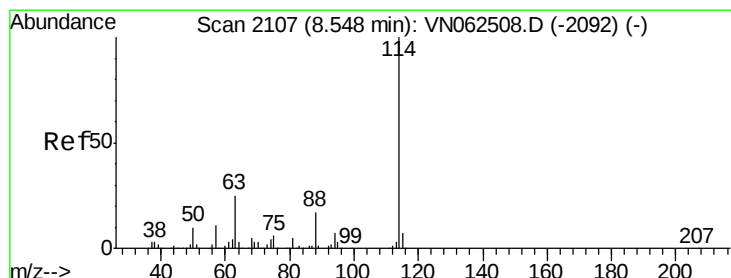
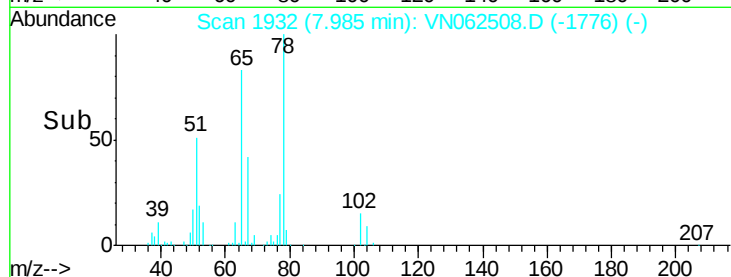
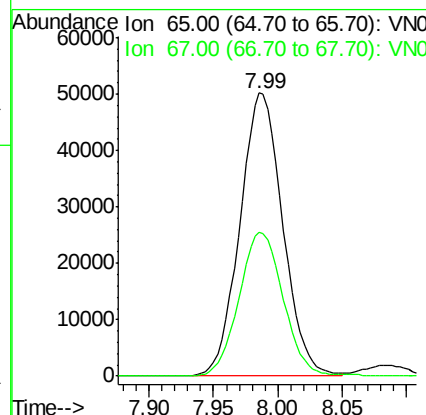
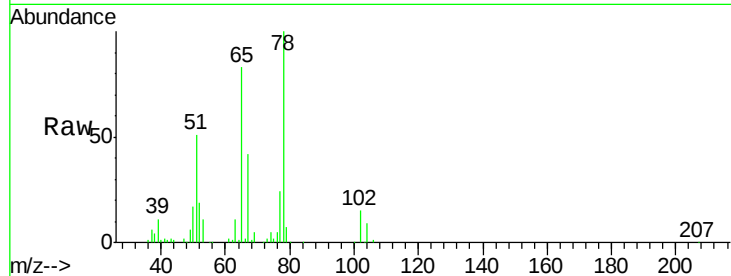




#27
 1,2-Dichloroethane-d4
 Concen: 38.550 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

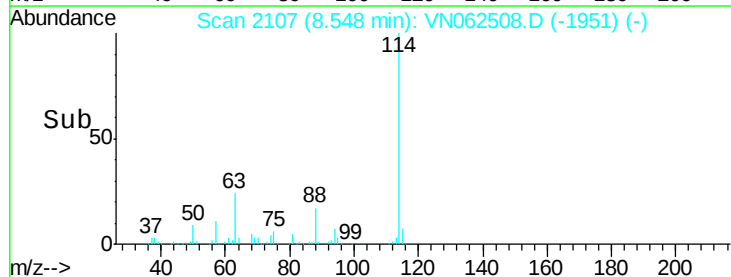
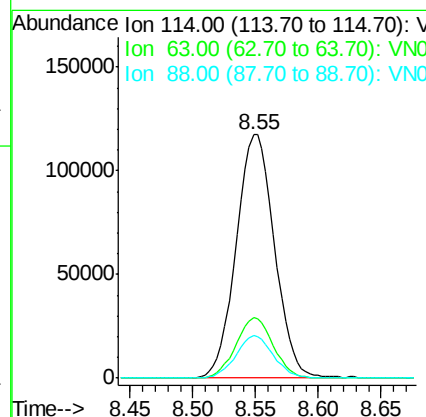
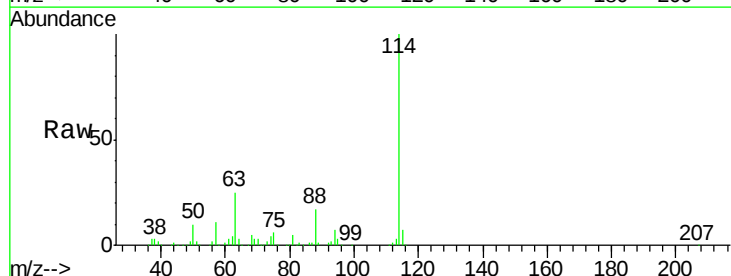
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

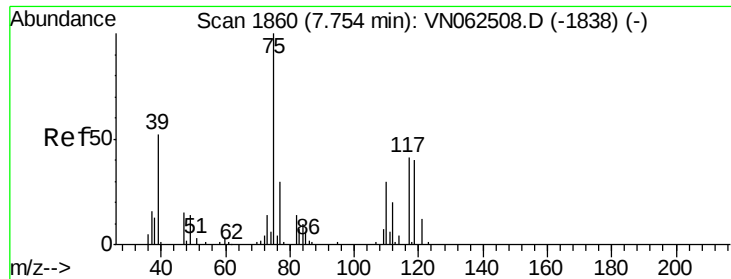
Tgt Ion: 65 Resp: 116126
 Ion Ratio Lower Upper
 65 100
 67 52.1 41.7 62.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 114 Resp: 249617
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.4 29.0
 88 16.9 13.5 20.3

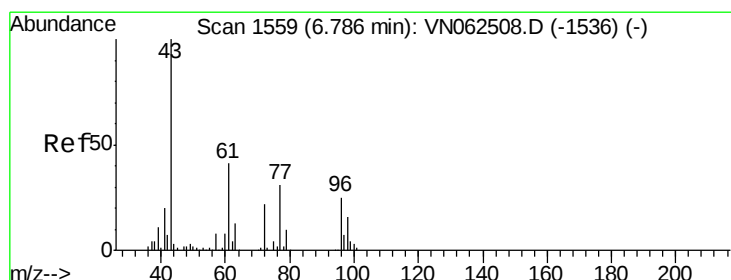
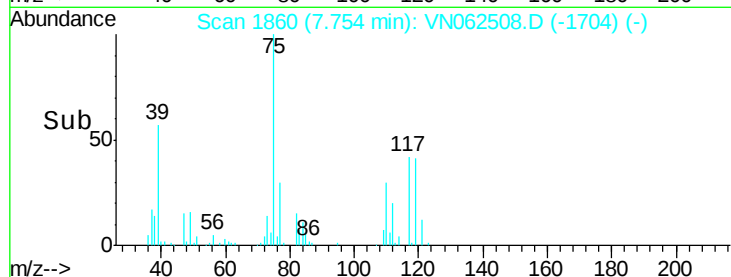
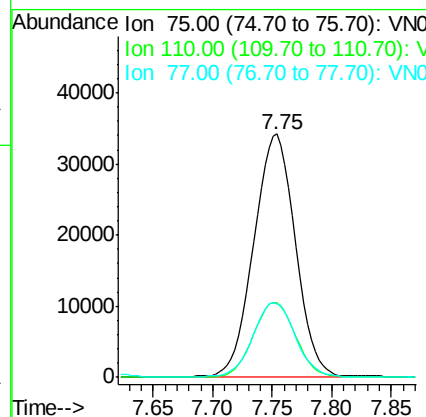
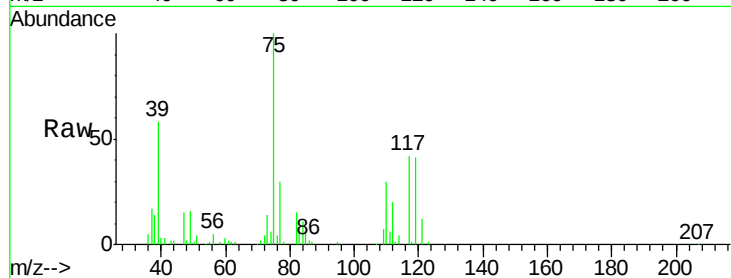




#29
 1,1-Dichloropropene
 Concen: 23.340 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

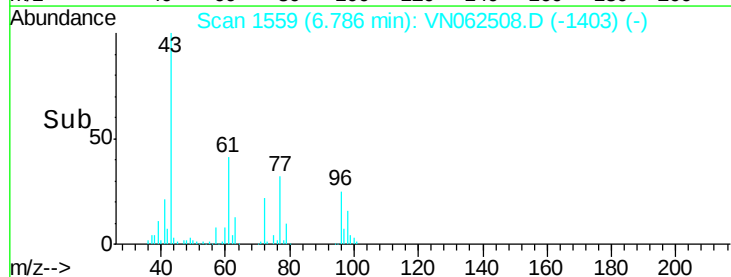
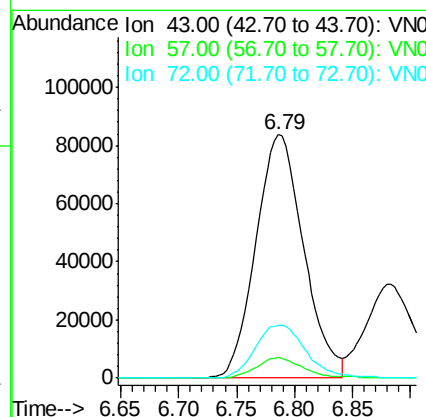
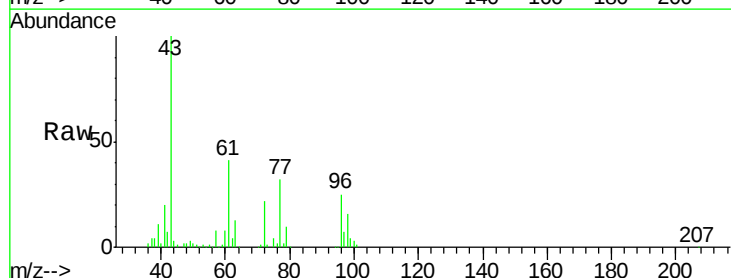
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

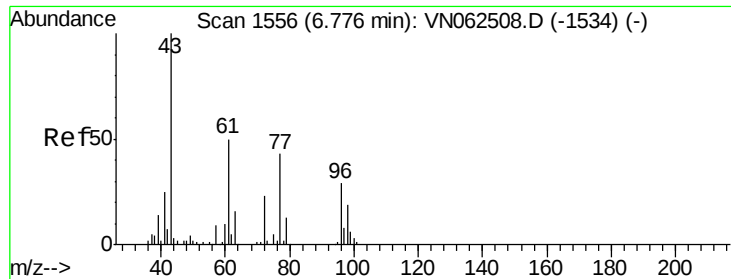
Tgt Ion: 75 Resp: 83131
 Ion Ratio Lower Upper
 75 100
 110 31.2 0.0 62.4
 77 31.4 0.0 62.8



#30
 2-Butanone
 Concen: 167.692 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 43 Resp: 239187
 Ion Ratio Lower Upper
 43 100
 57 8.2 6.6 9.8
 72 23.1 18.5 27.7

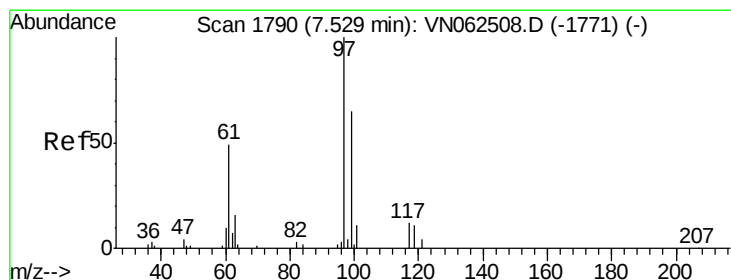
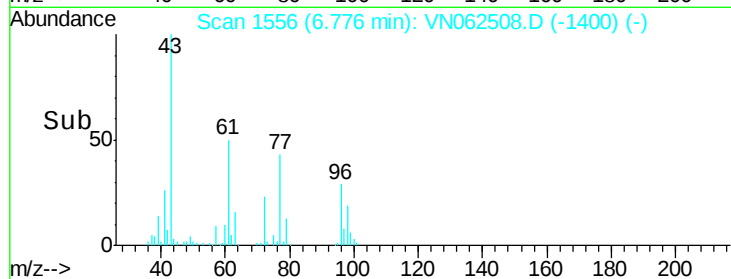
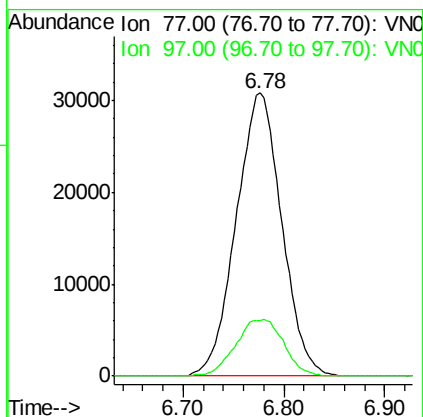
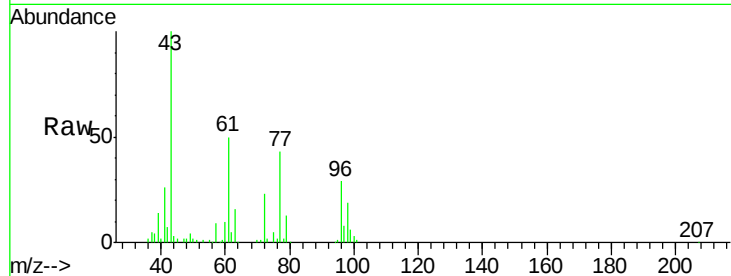




#31
 2,2-Dichloropropane
 Concen: 23.144 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

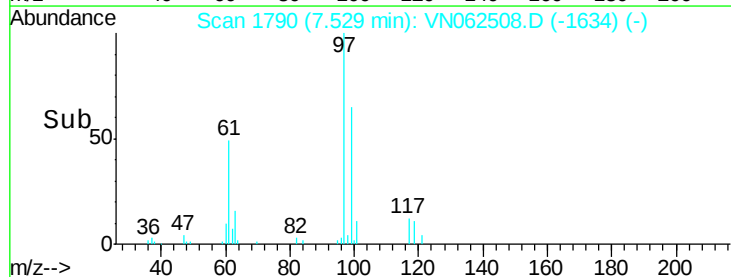
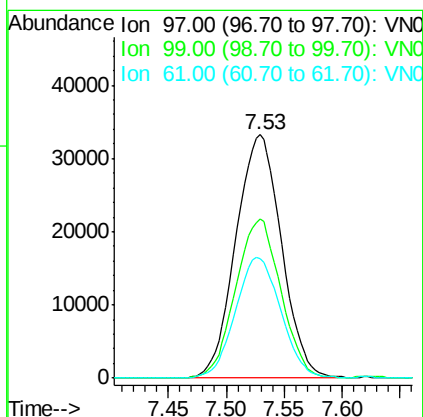
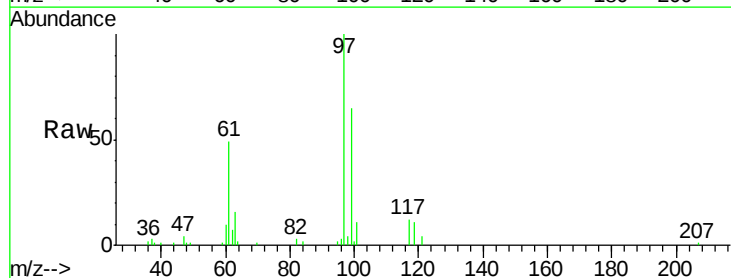
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

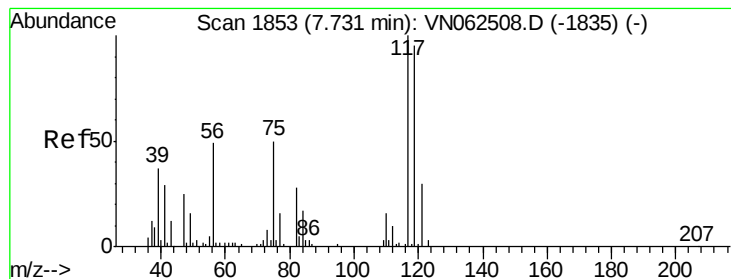
Tgt Ion: 77 Resp: 96422
 Ion Ratio Lower Upper
 77 100
 97 10.7 8.6 12.8



#32
 1,1,1-Trichloroethane
 Concen: 20.630 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 97 Resp: 90851
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.8
 61 49.2 39.4 59.0





#33

Carbon Tetrachloride

Concen: 21.458 ug/l

RT: 7.73 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

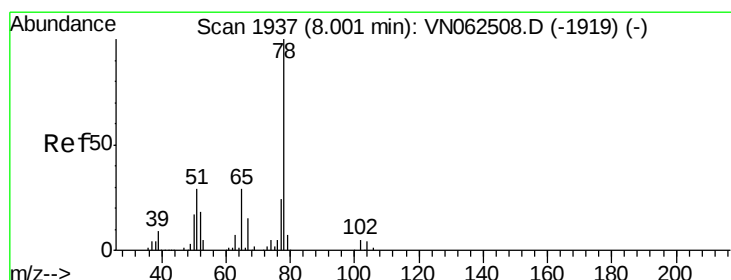
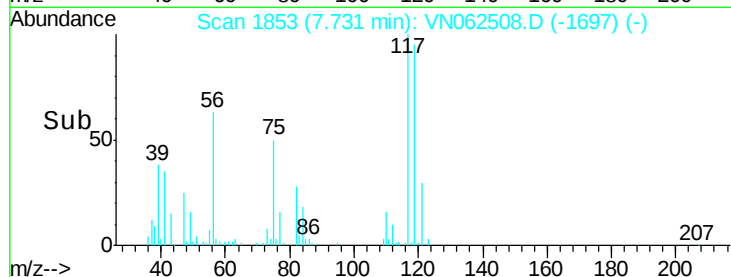
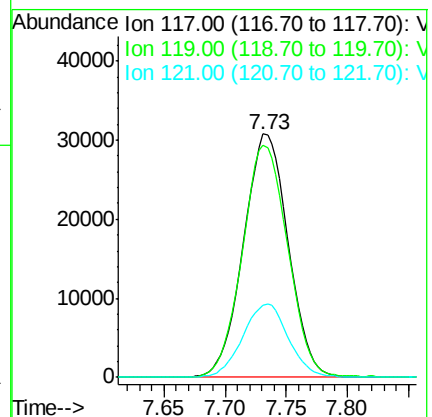
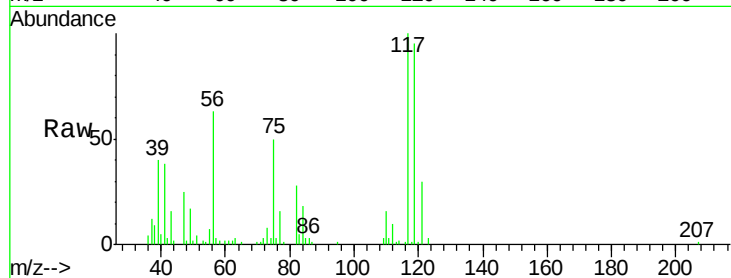
Tgt Ion: 117 Resp: 78232

Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.4

121 29.7 23.8 35.6



#34

Benzene

Concen: 22.779 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

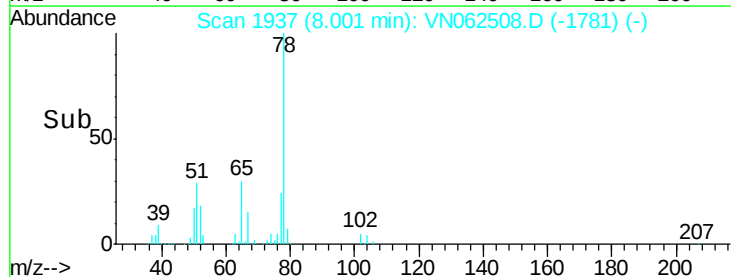
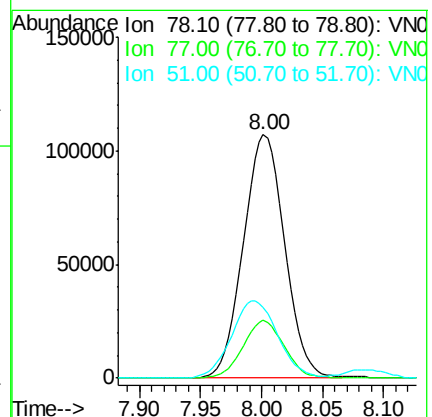
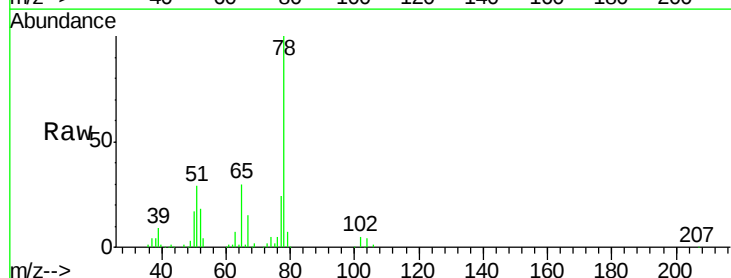
Tgt Ion: 78 Resp: 251214

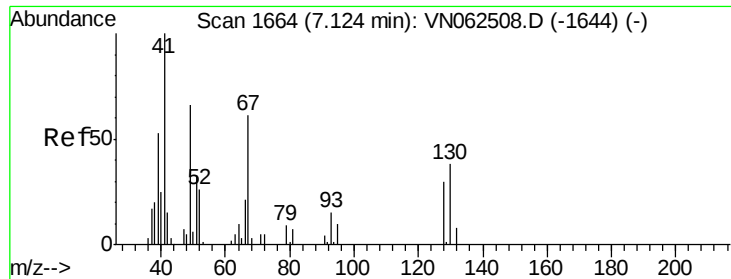
Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

51 28.9 23.1 34.7

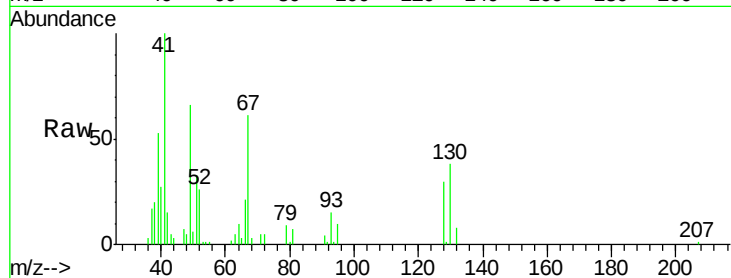




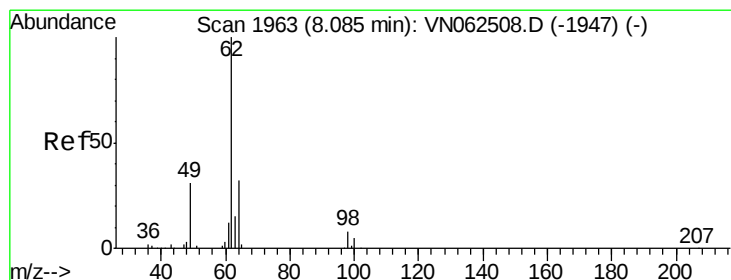
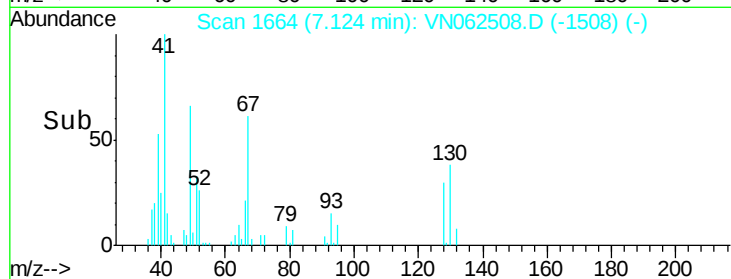
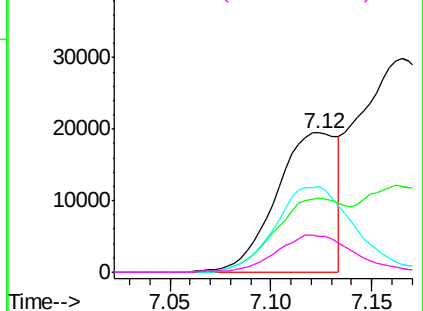
#35
Methacrylonitrile
Concen: 32.478 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	41	Resp:	40947
Ion	Ratio	Lower	Upper
41	100		
39	53.0	26.5	79.5
67	61.4	30.7	92.1
52	26.0	13.0	39.0

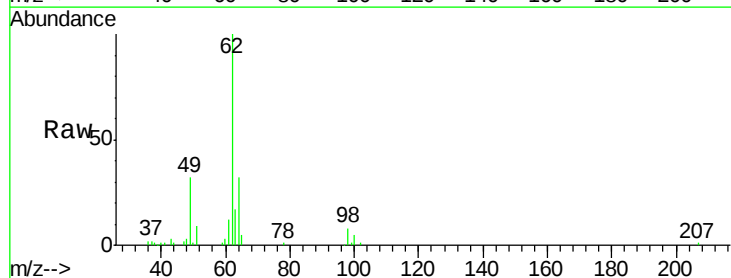


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

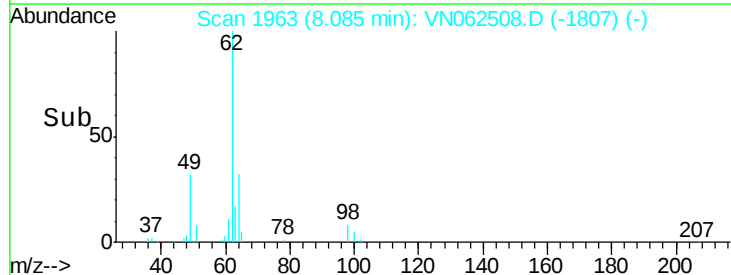
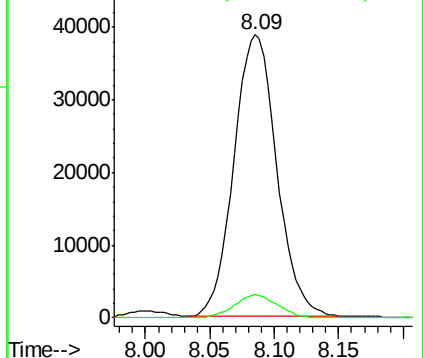


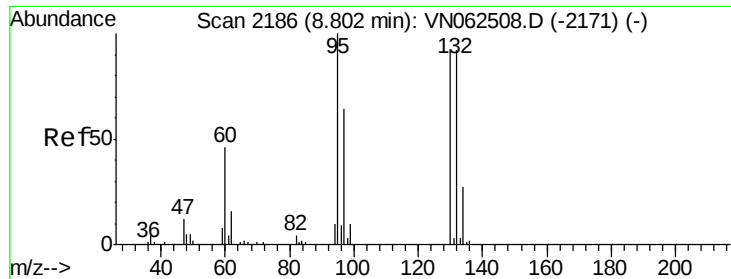
#36
1,2-Dichloroethane
Concen: 24.405 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion:	62	Resp:	89424
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.6	9.8



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

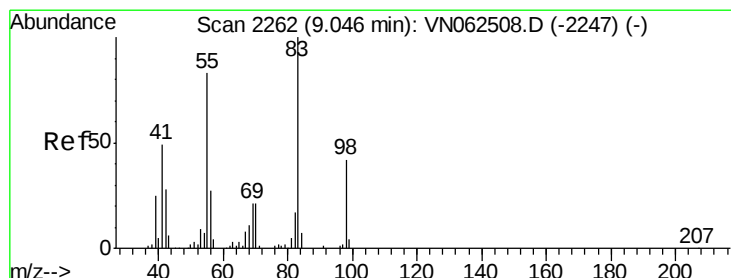
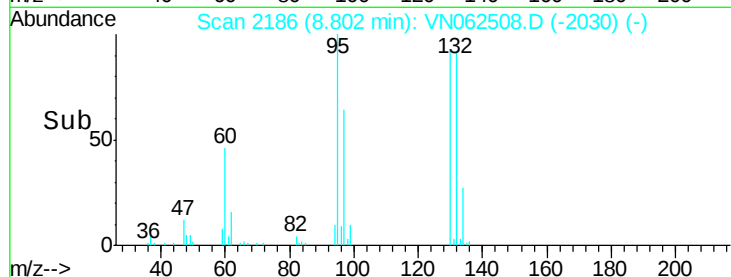
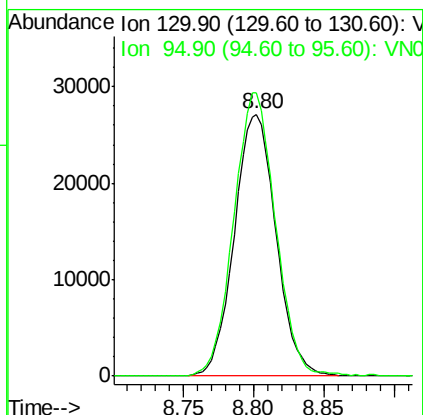
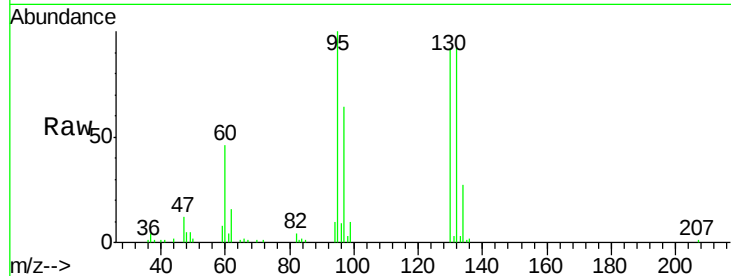




#37
 Trichloroethene
 Concen: 17.401 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

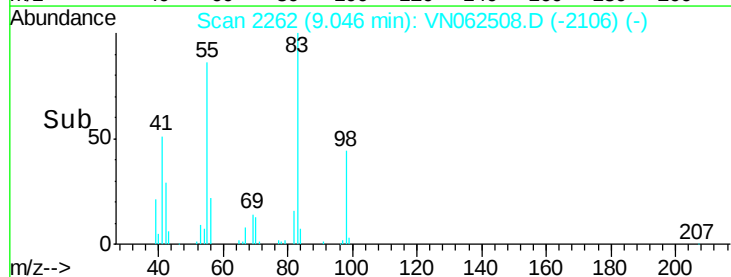
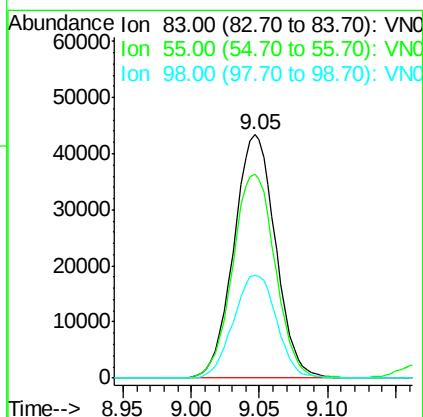
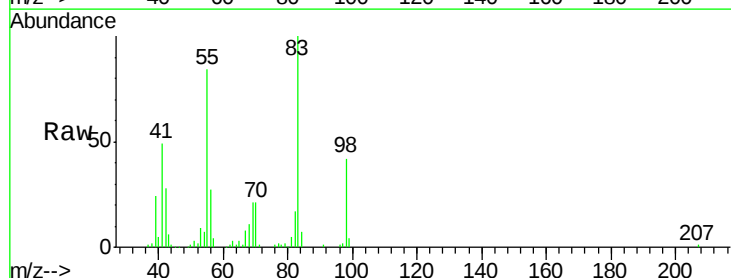
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

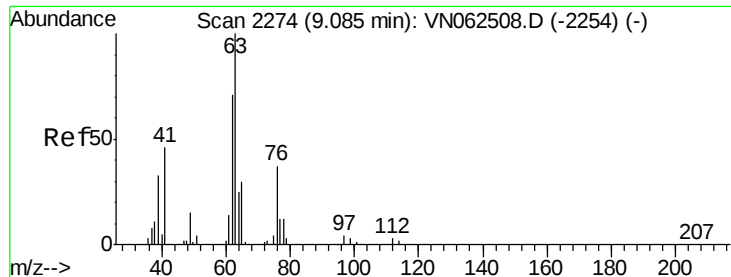
Tgt Ion:130 Resp: 56114
 Ion Ratio Lower Upper
 130 100
 95 108.1 86.5 129.7



#38
 Methylcyclohexane
 Concen: 23.133 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 83 Resp: 91937
 Ion Ratio Lower Upper
 83 100
 55 85.5 42.8 128.3
 98 43.8 21.9 65.7

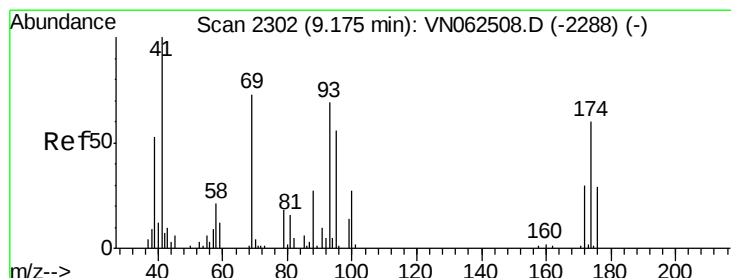
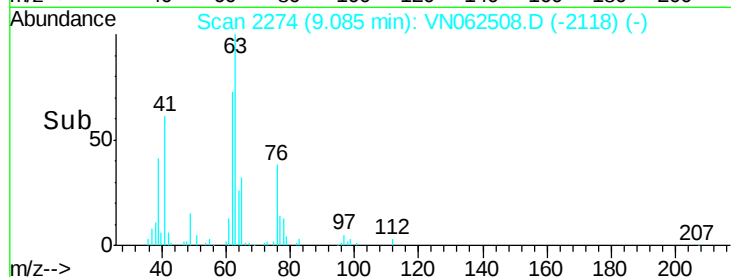
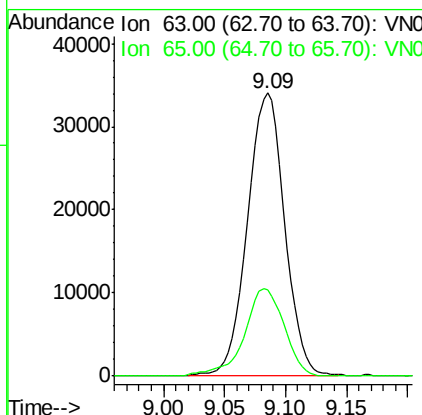
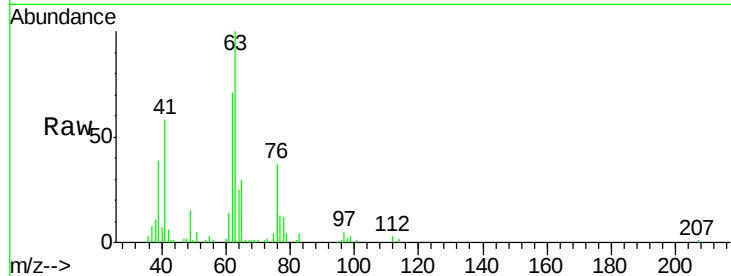




#39
 1,2-Dichloropropane
 Concen: 25.940 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

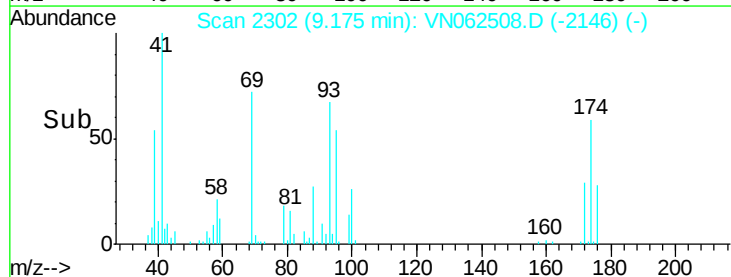
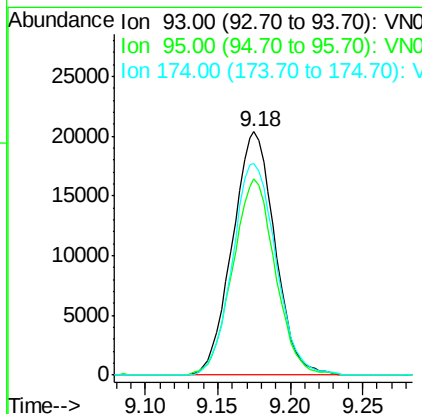
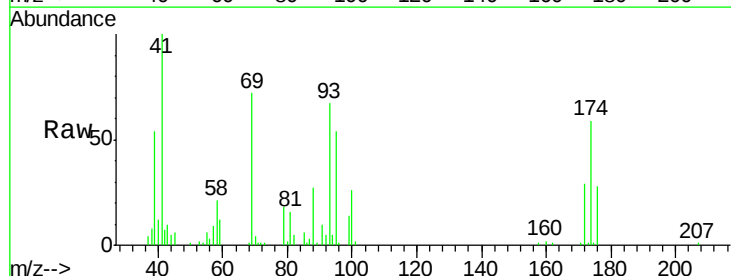
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

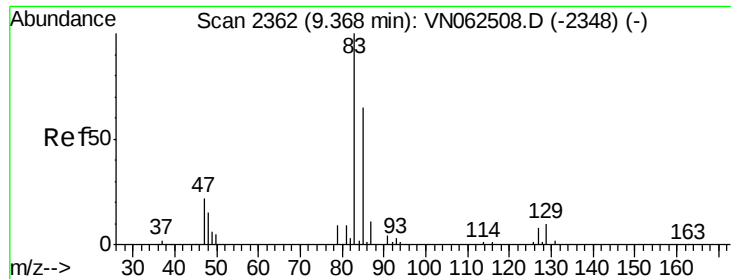
Tgt Ion: 63 Resp: 71833
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#40
 Dibromomethane
 Concen: 21.241 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 93 Resp: 41426
 Ion Ratio Lower Upper
 93 100
 95 80.6 0.0 161.2
 174 89.0 0.0 178.0





#41

Bromodichloromethane

Concen: 21.844 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

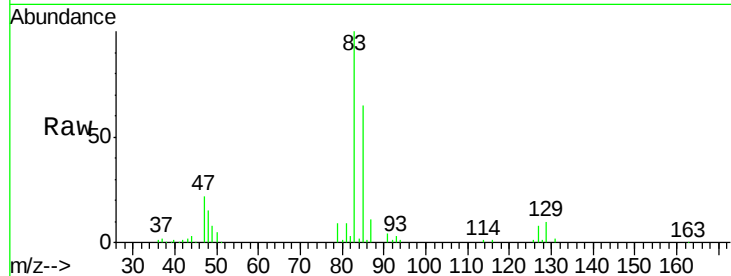
Tgt Ion: 83 Resp: 87193

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

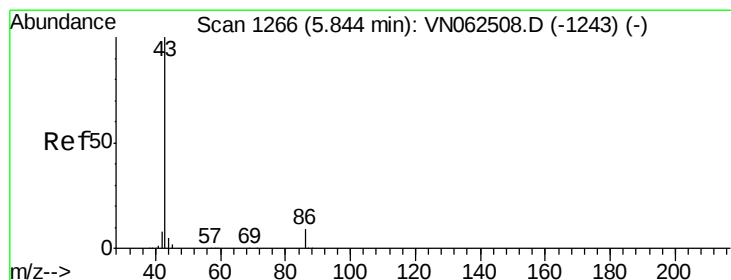
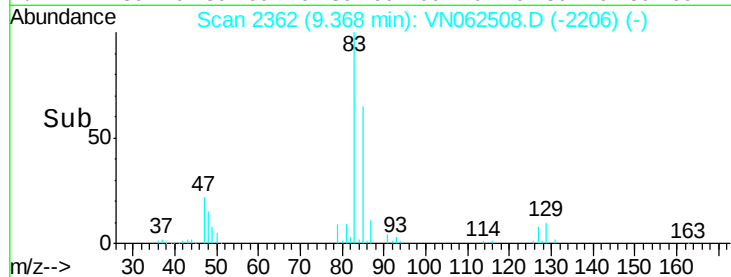
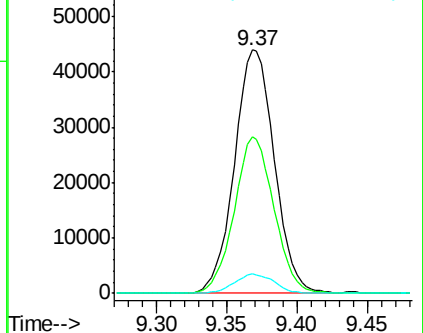
127 7.9 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VN062508.D (-2348) (-)

Ion 85.00 (84.70 to 85.70): VN062508.D (-2348) (-)

Ion 127.00 (126.70 to 127.70): VN062508.D (-2348) (-)



#42

Vinyl Acetate

Concen: 163.156 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062508.D

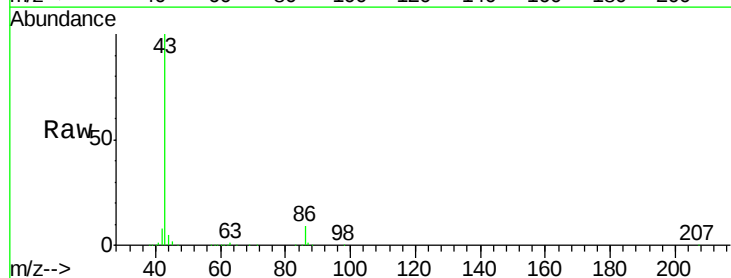
Acq: 13 Jul 2020 10:00

Tgt Ion: 43 Resp: 946051

Ion Ratio Lower Upper

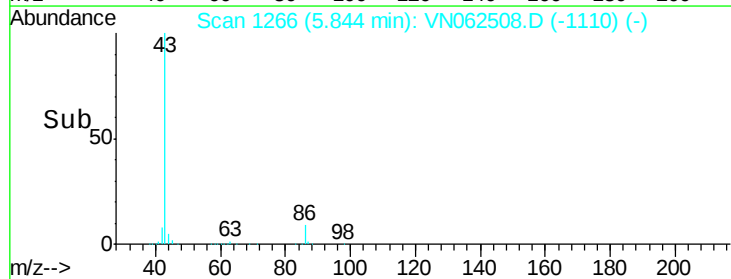
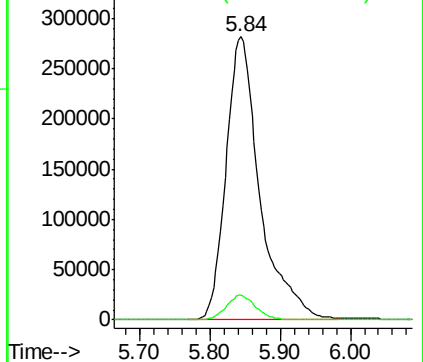
43 100

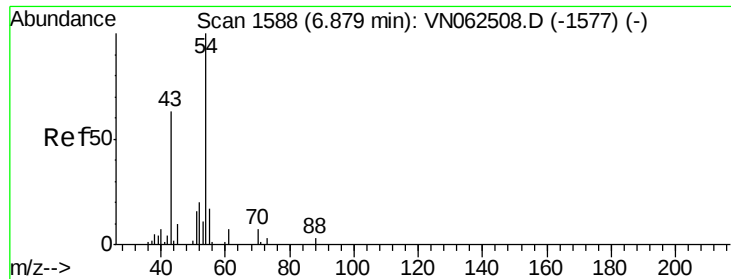
86 7.6 6.1 9.1



Abundance Ion 43.00 (42.70 to 43.70): VN062508.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062508.D (-1243) (-)





#43

Ethyl Acetate

Concen: 31.425 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

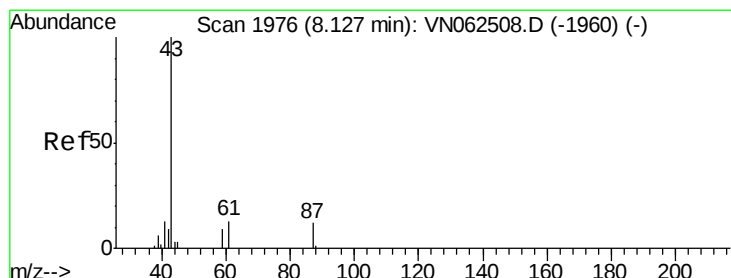
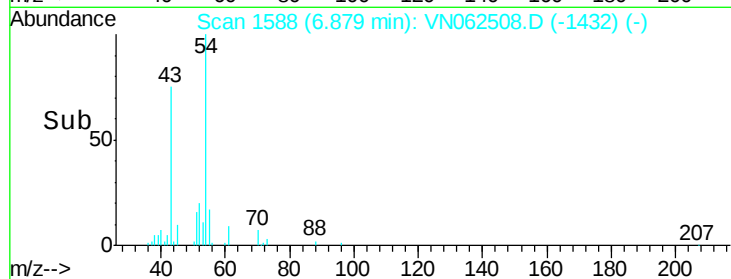
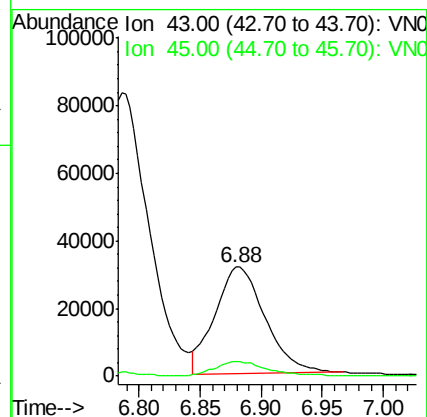
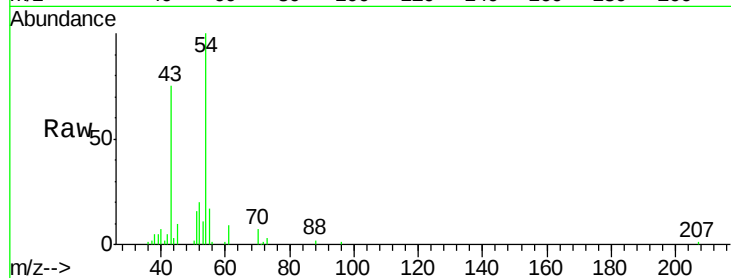
VSTDICCC020

Tgt Ion: 43 Resp: 90278

Ion Ratio Lower Upper

43 100

45 12.8 10.2 15.4



#44

Isopropyl Acetate

Concen: 29.889 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062508.D

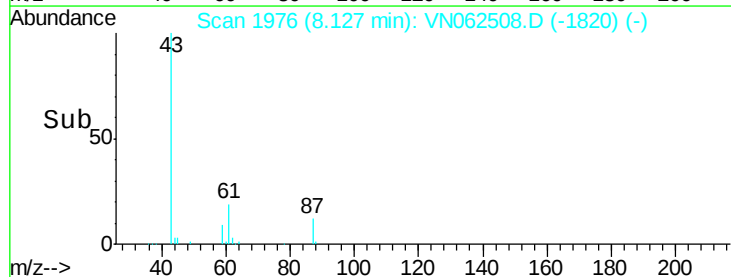
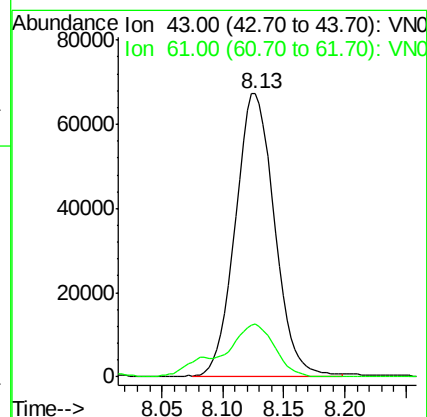
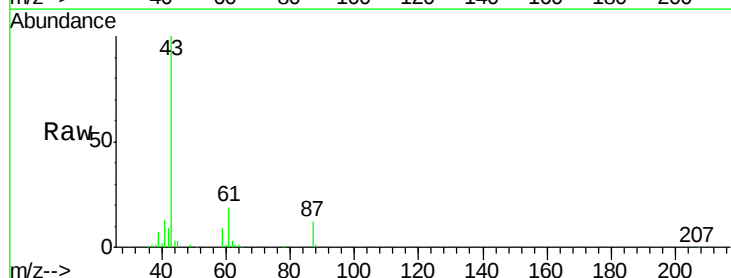
Acq: 13 Jul 2020 10:00

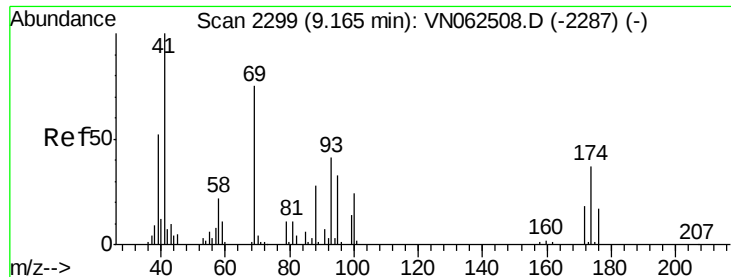
Tgt Ion: 43 Resp: 149358

Ion Ratio Lower Upper

43 100

61 18.4 14.7 22.1

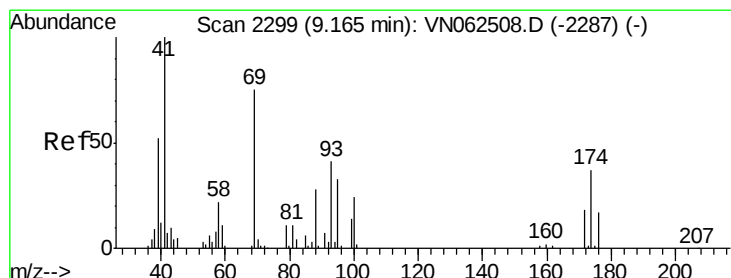
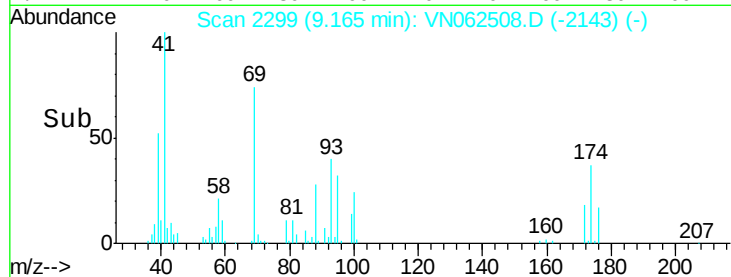
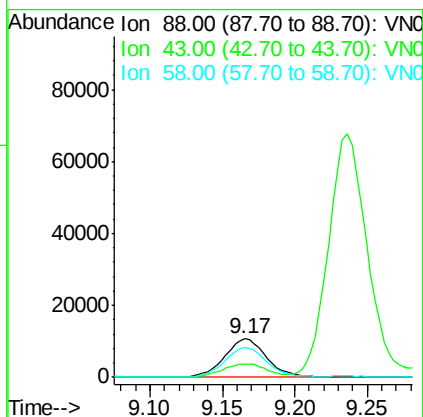
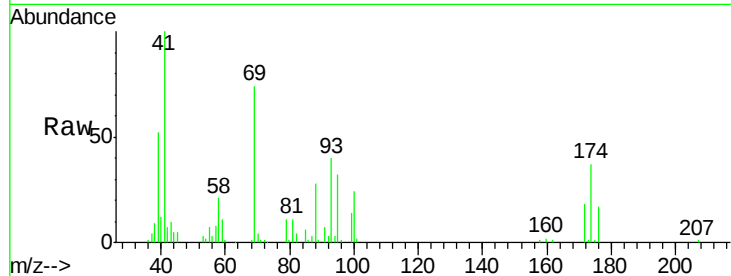




#45
1,4-Dioxane
Concen: 461.129 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

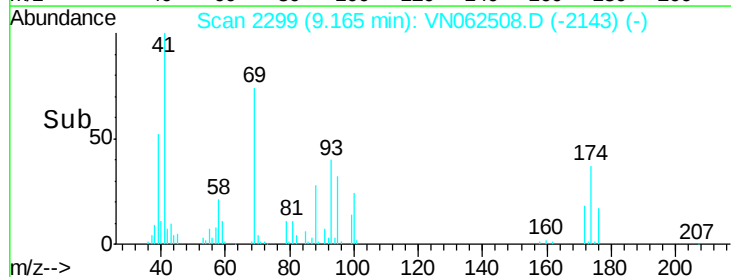
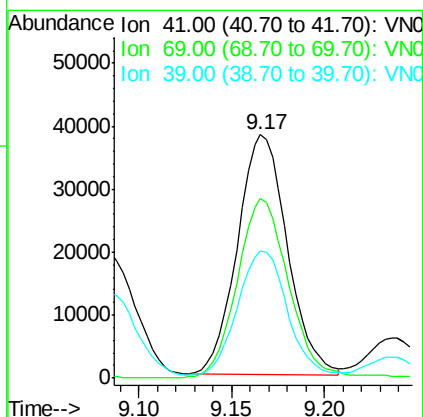
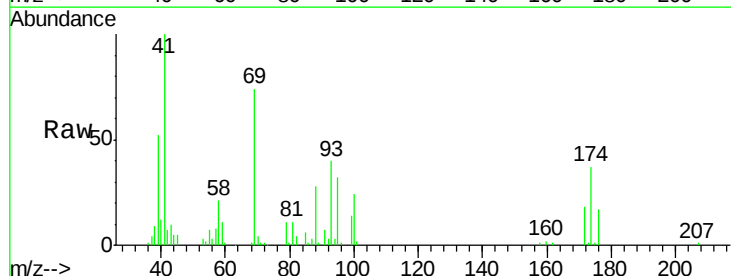
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

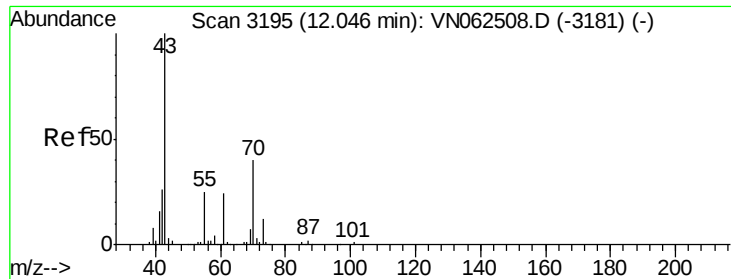
Tgt Ion: 88 Resp: 21592
Ion Ratio Lower Upper
88 100
43 36.5 29.2 43.8
58 77.8 62.2 93.4



#46
Methyl methacrylate
Concen: 31.656 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 41 Resp: 71211
Ion Ratio Lower Upper
41 100
69 74.8 37.4 112.2
39 51.7 25.9 77.6

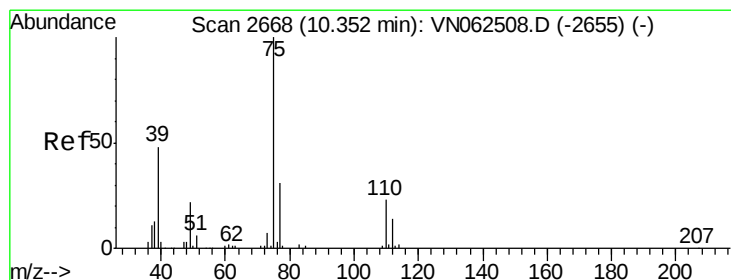
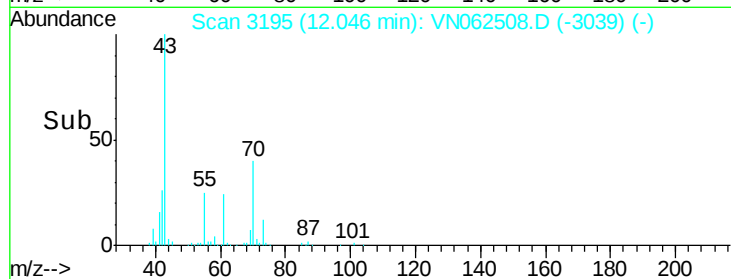
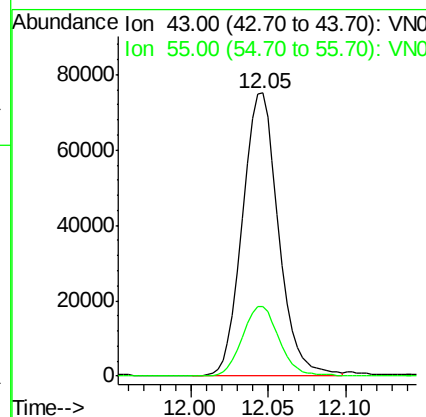
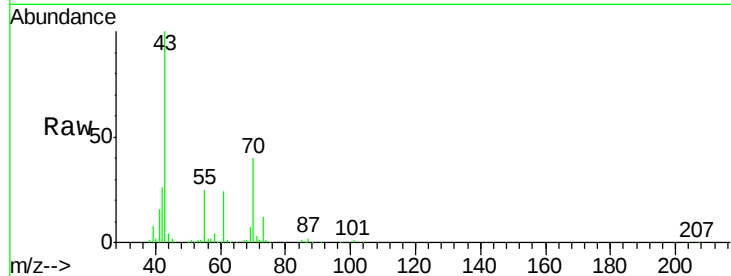




#47
n-amyl Acetate
Concen: 28.788 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

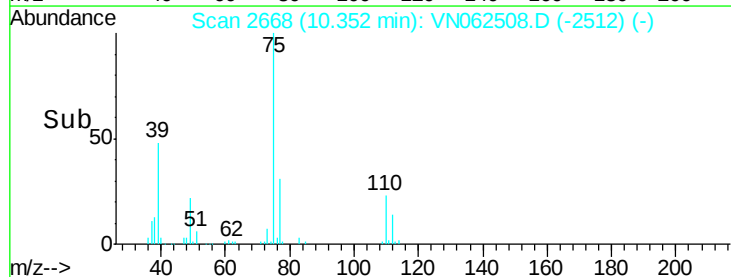
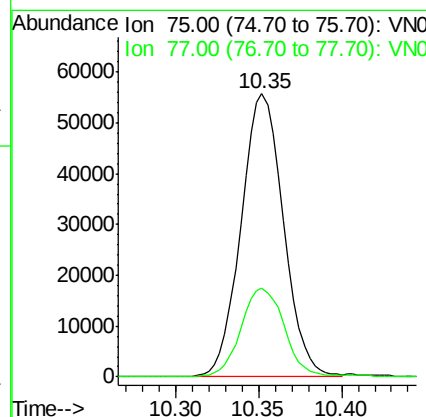
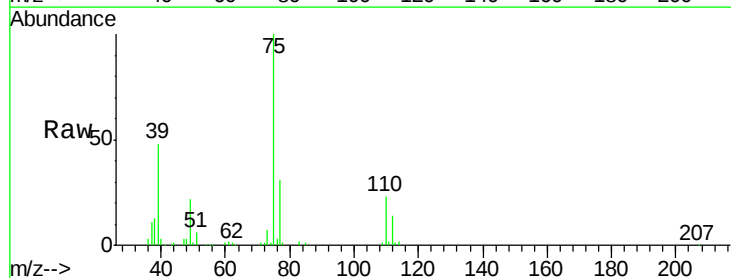
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

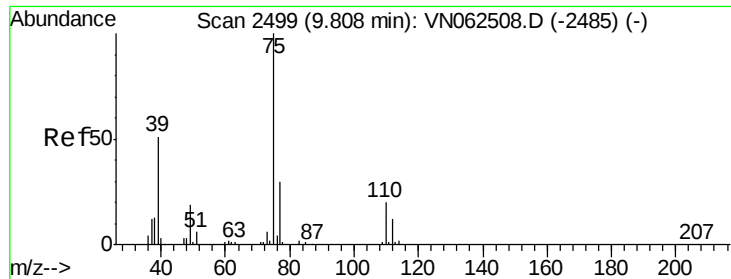
Tgt Ion: 43 Resp: 122222
Ion Ratio Lower Upper
43 100
55 25.5 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 23.234 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 75 Resp: 99309
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 23.278 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

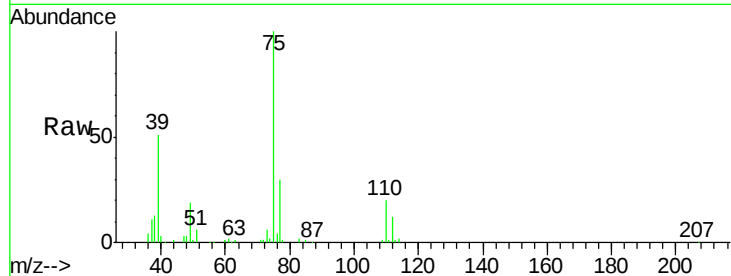
Tgt Ion: 75 Resp: 108195

Ion Ratio Lower Upper

75 100

77 29.6 23.7 35.5

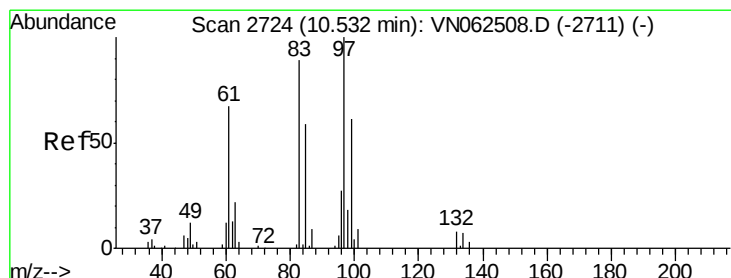
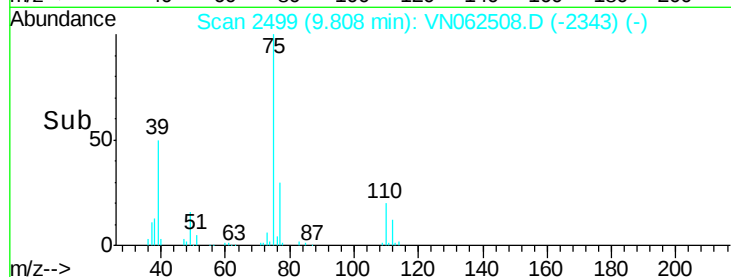
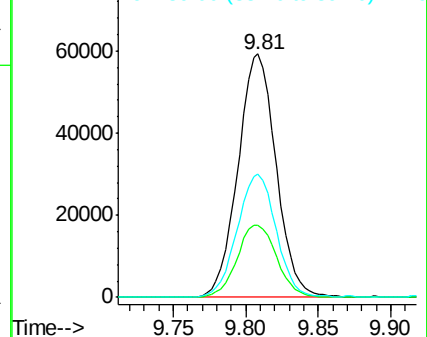
39 50.6 40.5 60.7



Abundance Ion 75.00 (74.70 to 75.70): VN062508.D (-2485) (-)

Ion 77.00 (76.70 to 77.70): VN062508.D (-2485) (-)

Ion 39.00 (38.70 to 39.70): VN062508.D (-2485) (-)



#50

1,1,2-Trichloroethane

Concen: 20.644 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion: 97 Resp: 58373

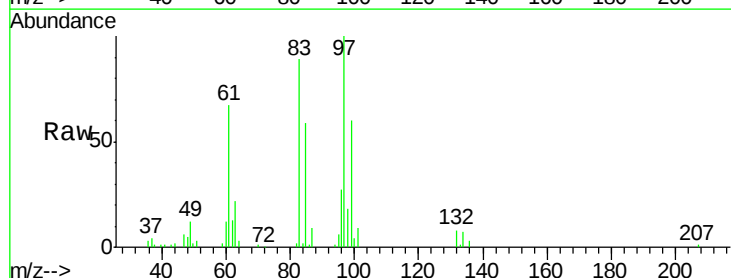
Ion Ratio Lower Upper

97 100

83 89.1 71.3 106.9

85 59.0 47.2 70.8

99 60.5 48.4 72.6

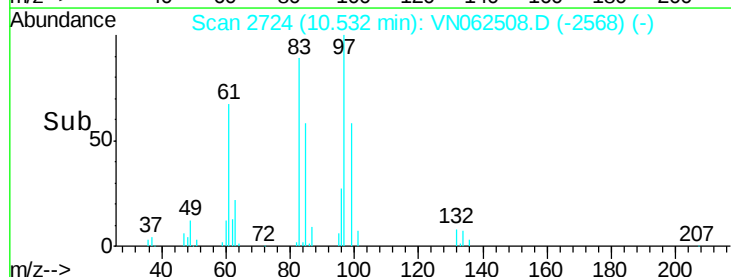
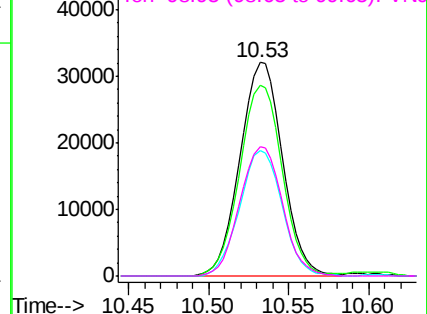


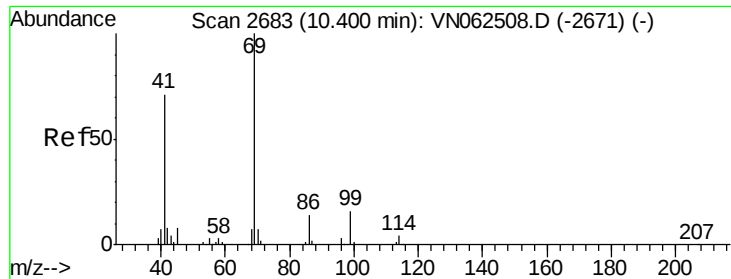
Abundance Ion 97.00 (96.70 to 97.70): VN062508.D (-2711) (-)

Ion 82.95 (82.65 to 83.65): VN062508.D (-2711) (-)

Ion 84.95 (84.65 to 85.65): VN062508.D (-2711) (-)

Ion 98.95 (98.65 to 99.65): VN062508.D (-2711) (-)





#51

Ethyl methacrylate

Concen: 24.483 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

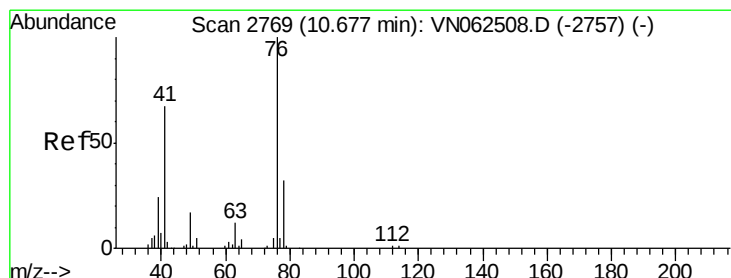
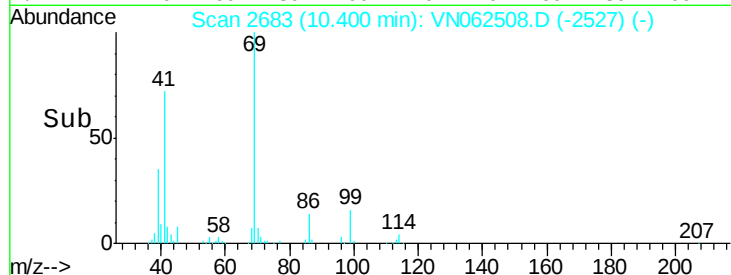
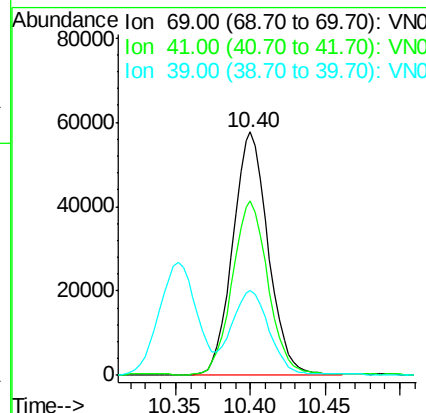
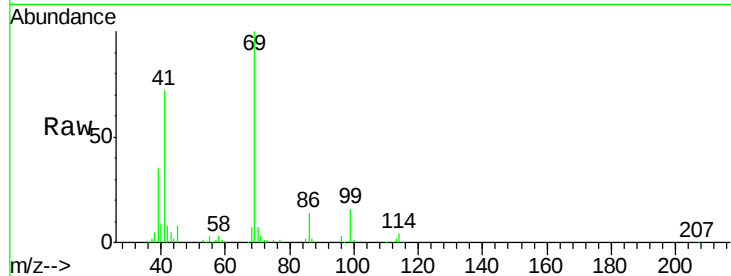
Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:	69	Resp:	95285
Ion	Ratio	Lower	Upper
69	100		
41	71.2	35.6	106.8
39	34.3	17.2	51.5



#52

1,3-Dichloropropane

Concen: 22.931 ug/l

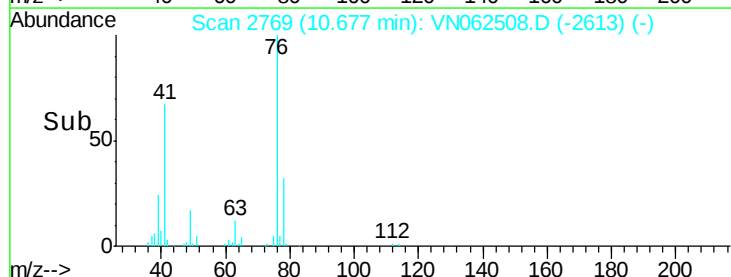
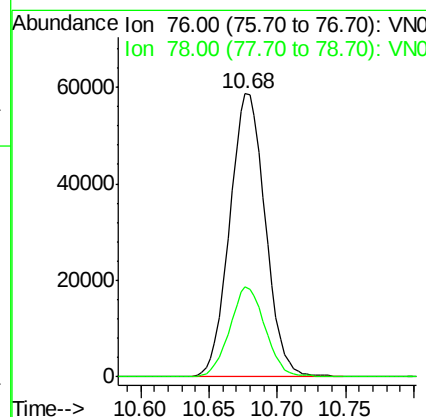
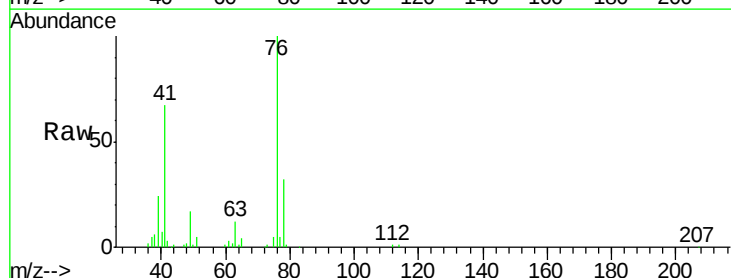
RT: 10.68 min Scan# 2769

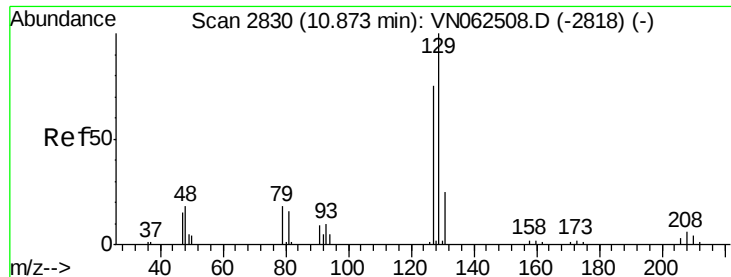
Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Tgt Ion:	76	Resp:	106330
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	63.6





#53

Dibromochloromethane

Concen: 19.212 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

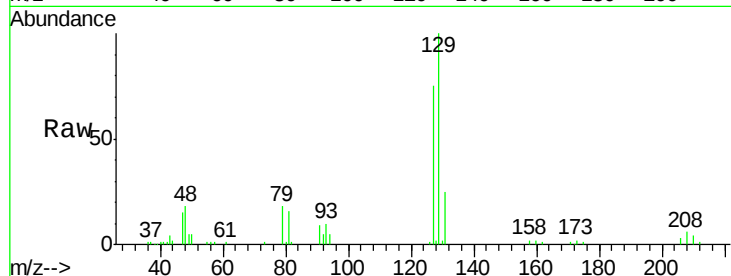
VSTDICCC020

Tgt Ion:129 Resp: 62940

Ion Ratio Lower Upper

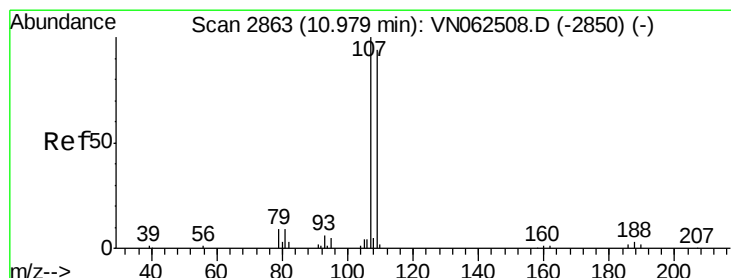
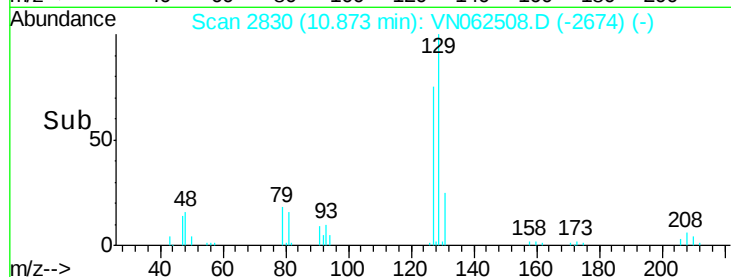
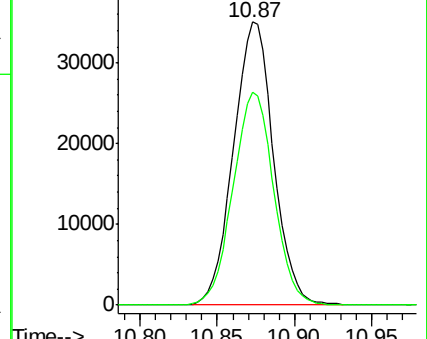
129 100

127 76.3 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.645 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062508.D

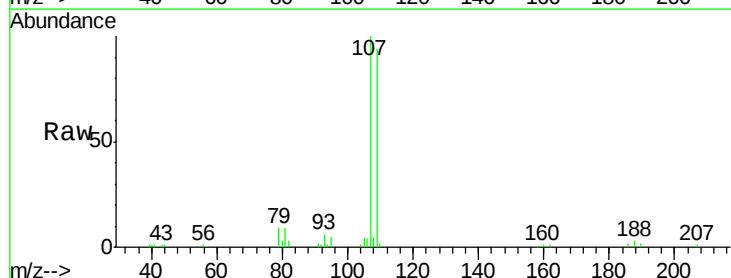
Acq: 13 Jul 2020 10:00

Tgt Ion:107 Resp: 57400

Ion Ratio Lower Upper

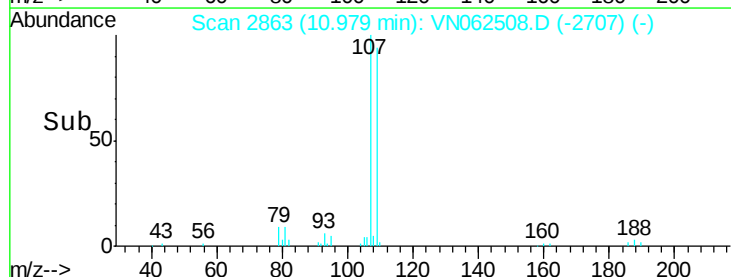
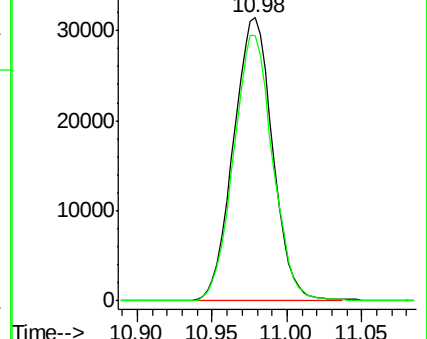
107 100

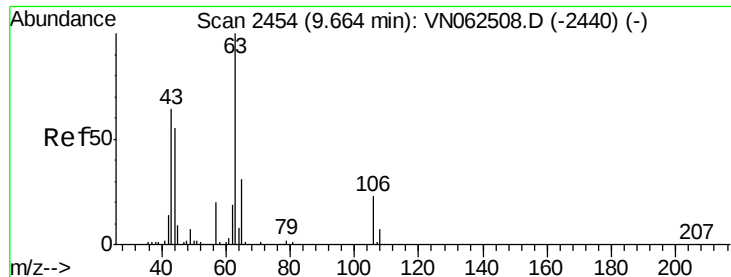
109 93.5 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

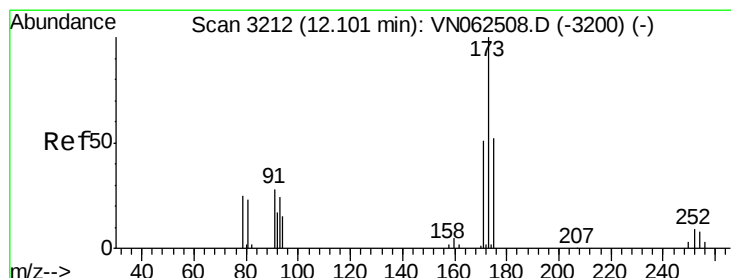
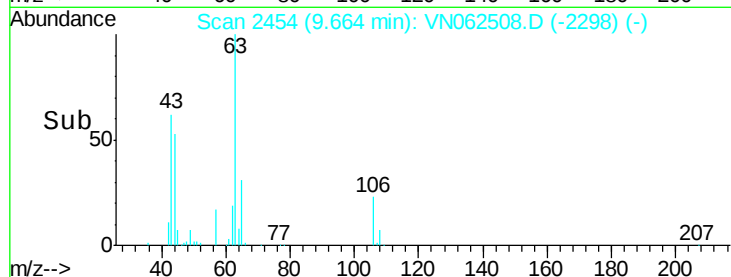
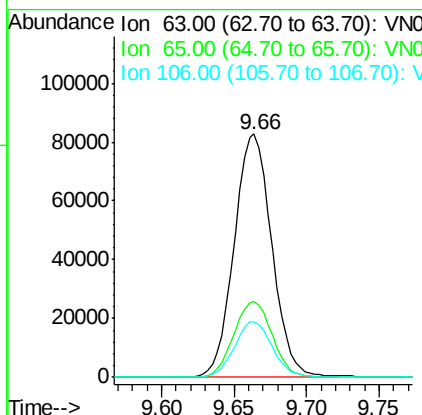
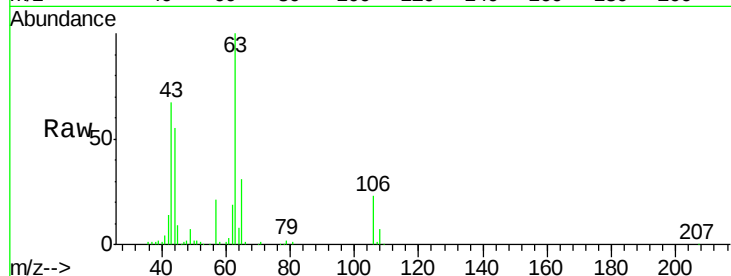




#55
 2-Chloroethyl vinyl ether
 Concen: 104.234 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

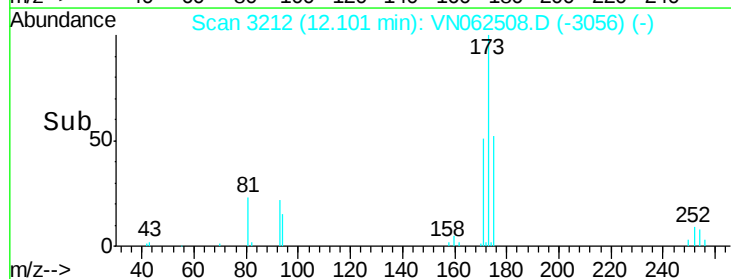
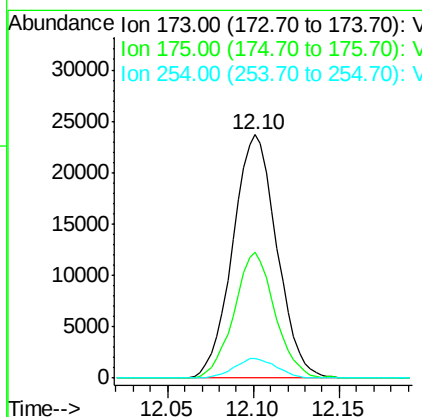
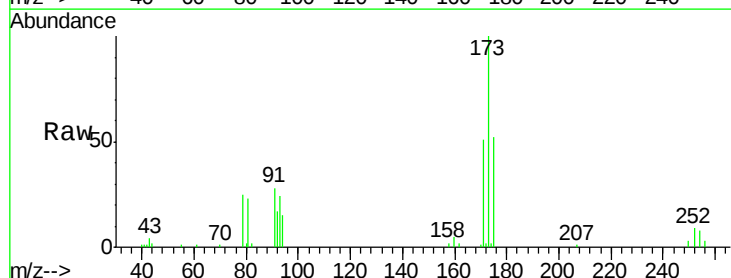
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

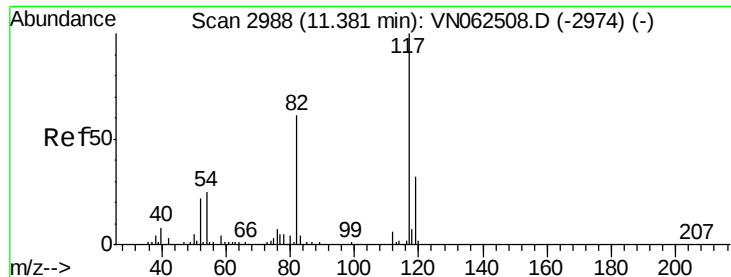
Tgt Ion: 63 Resp: 149432
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.2
 106 23.0 18.4 27.6



#56
 Bromoform
 Concen: 18.479 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion: 173 Resp: 42310
 Ion Ratio Lower Upper
 173 100
 175 47.6 38.1 57.1
 254 7.7 6.2 9.2

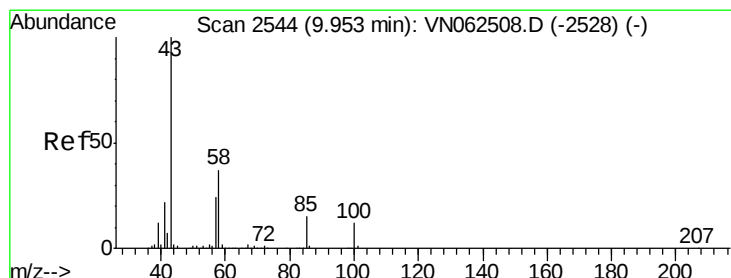
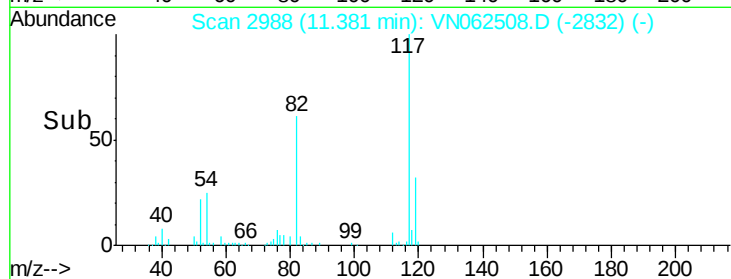
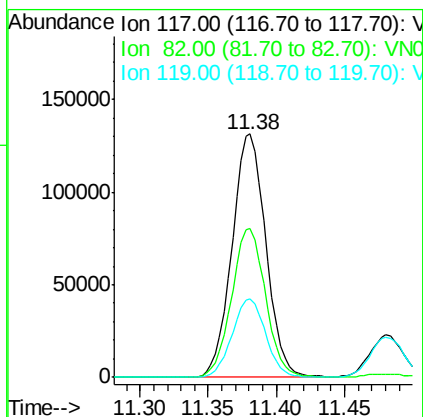
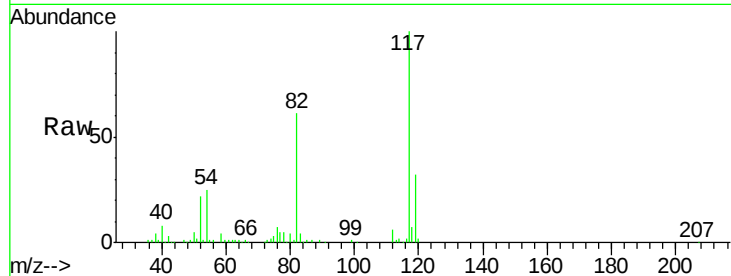




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

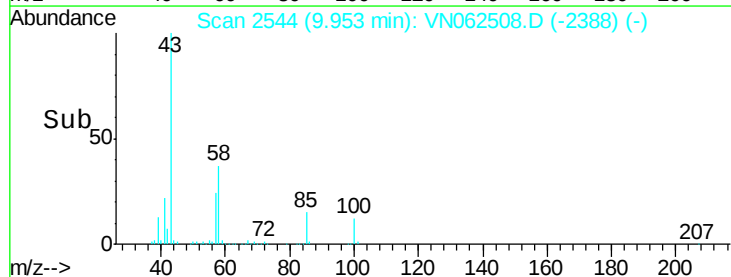
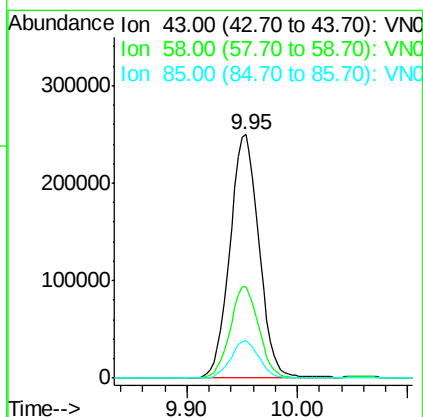
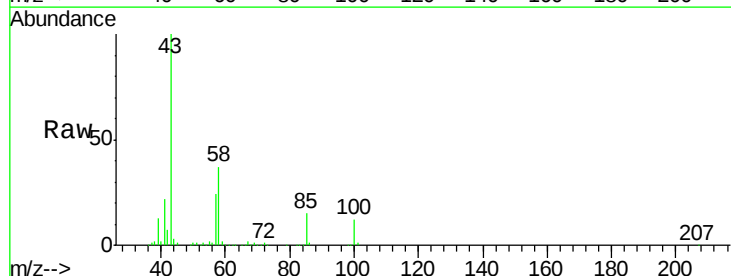
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

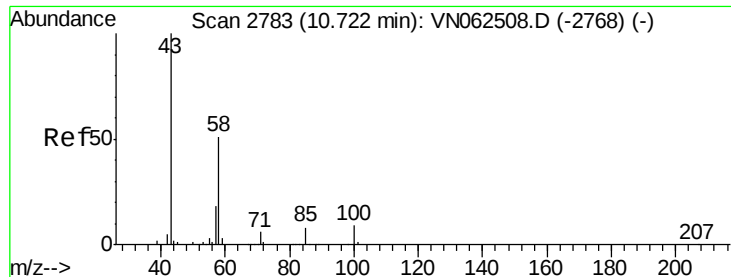
Tgt Ion: 117 Resp: 226984
Ion Ratio Lower Upper
117 100
82 61.3 49.0 73.6
119 32.0 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 161.021 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 43 Resp: 457069
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4
85 15.0 12.0 18.0

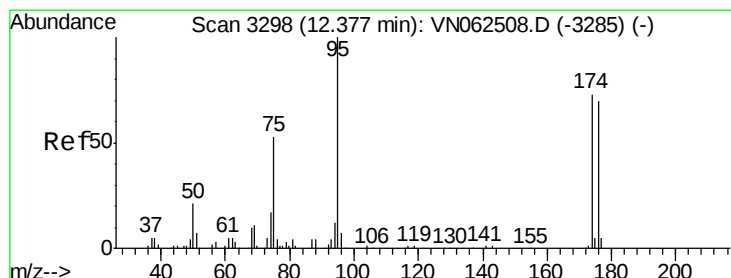
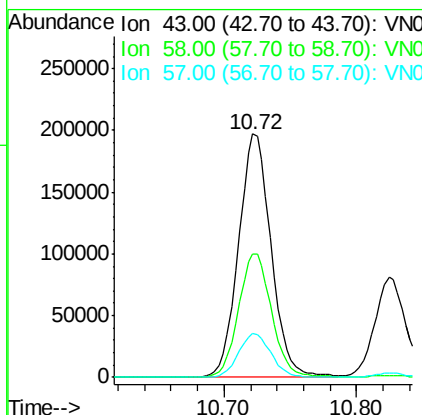
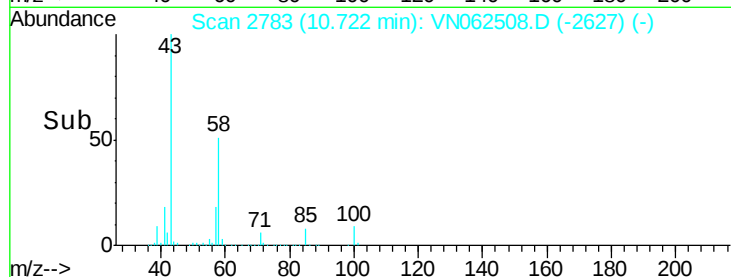
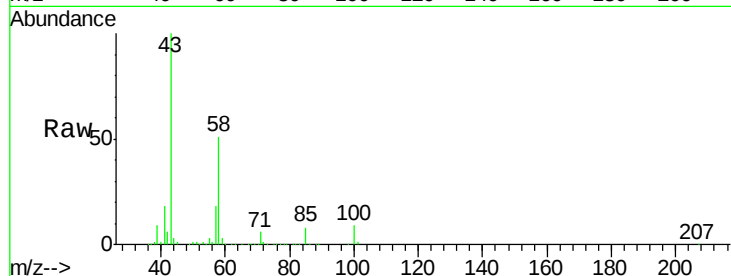




#59
2-Hexanone
Concen: 162.287 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

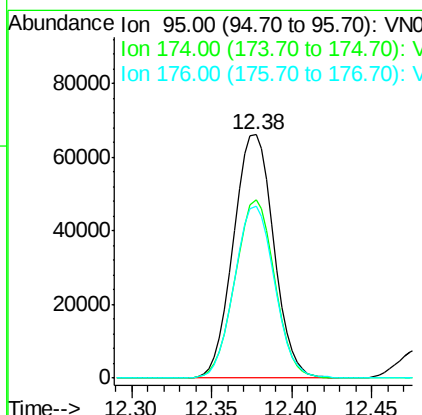
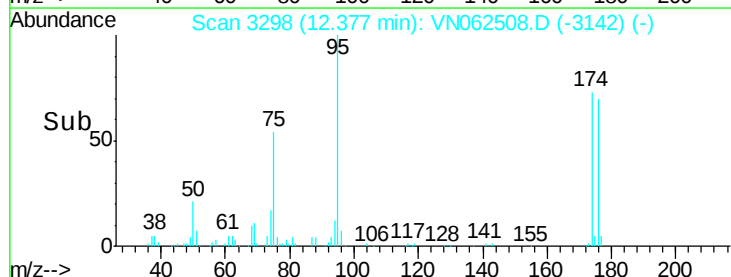
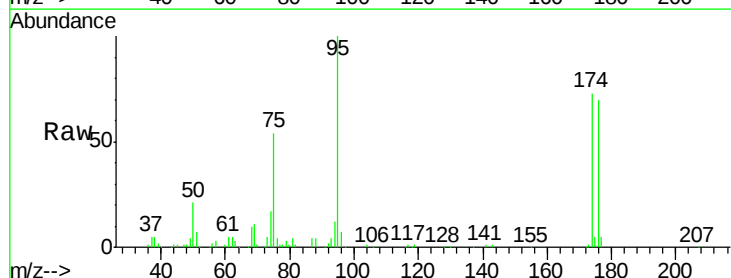
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

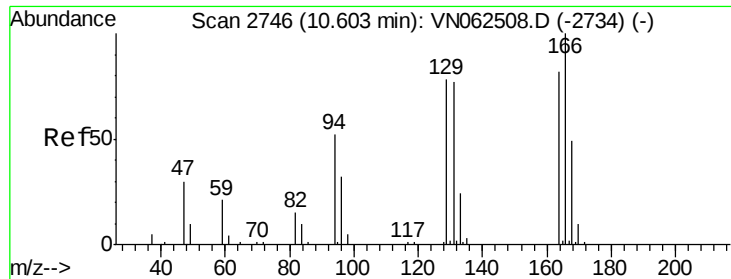
Tgt Ion: 43 Resp: 336301
Ion Ratio Lower Upper
43 100
58 51.5 41.2 61.8
57 18.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 33.045 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 95 Resp: 113828
Ion Ratio Lower Upper
95 100
174 71.9 57.5 86.3
176 70.4 56.3 84.5

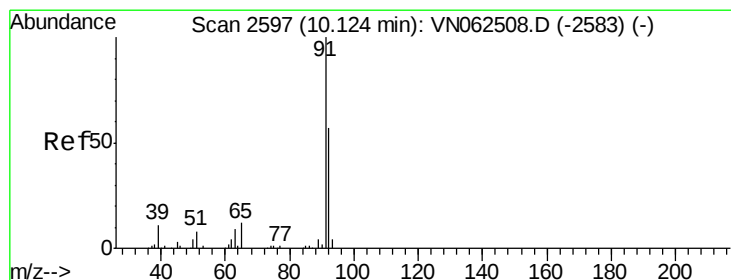
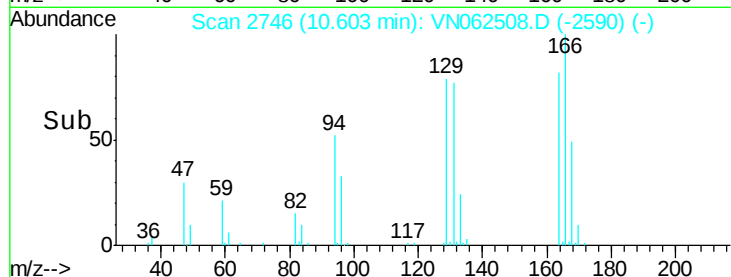
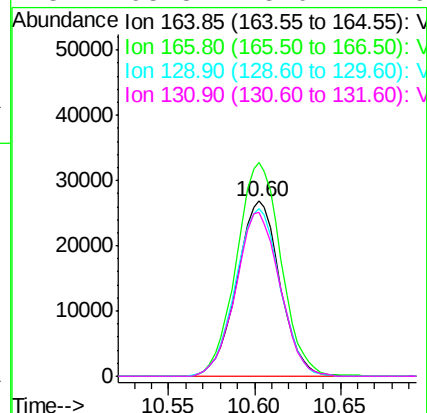
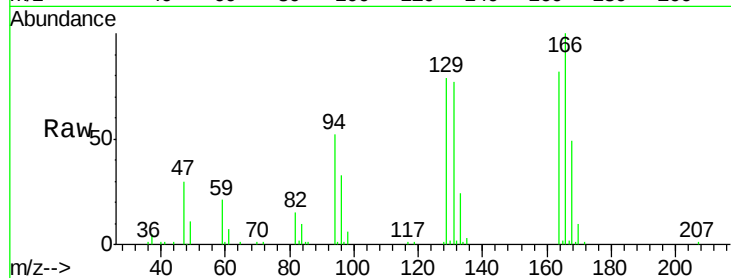




#61
Tetrachloroethene
Concen: 14.271 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

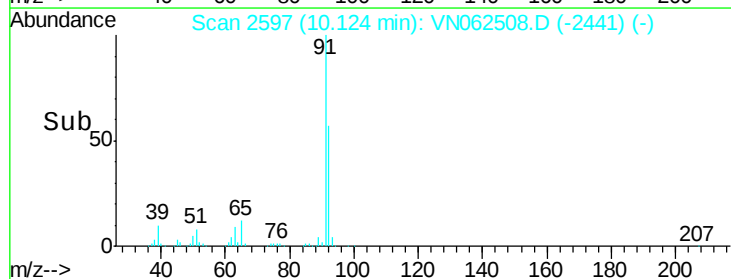
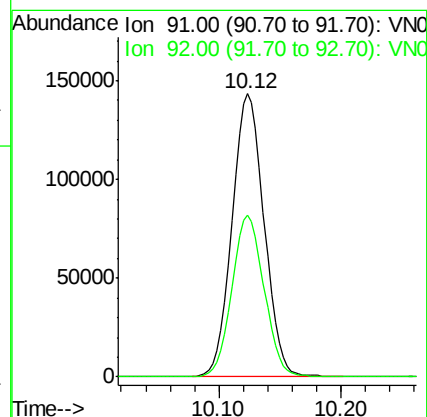
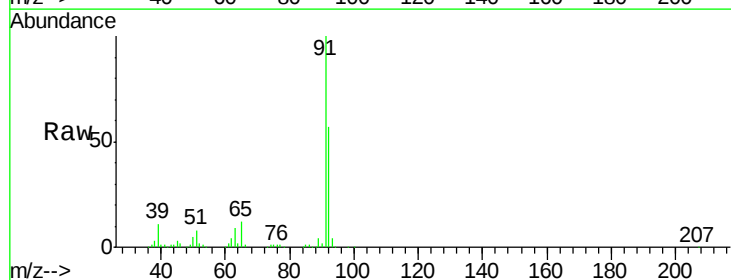
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

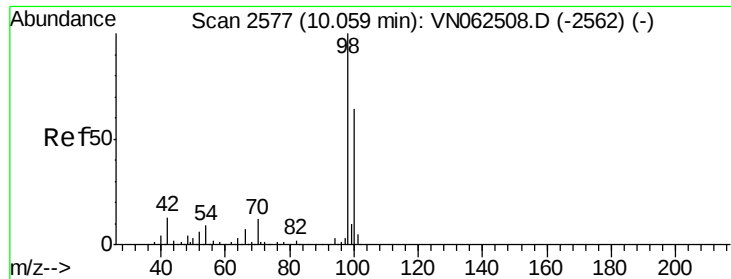
Tgt Ion:164 Resp: 46887
Ion Ratio Lower Upper
164 100
166 122.1 97.7 146.5
129 96.2 77.0 115.4
131 93.8 75.0 112.6



#62
Toluene
Concen: 22.068 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 91 Resp: 262467
Ion Ratio Lower Upper
91 100
92 57.2 45.8 68.6





#63

Toluene-d8

Concen: 33.266 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

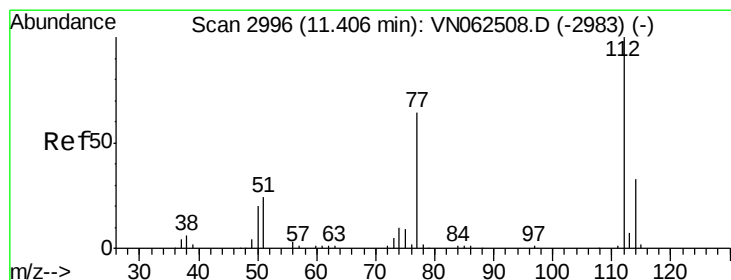
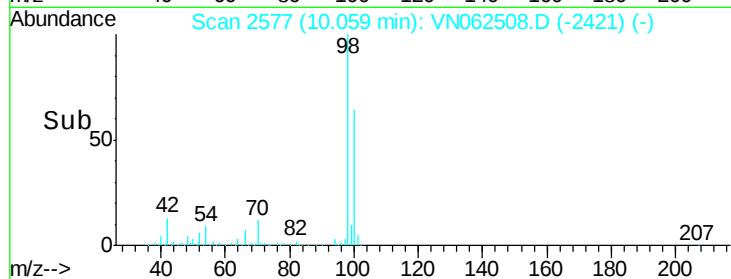
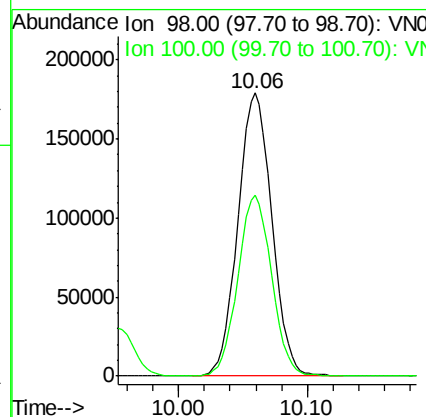
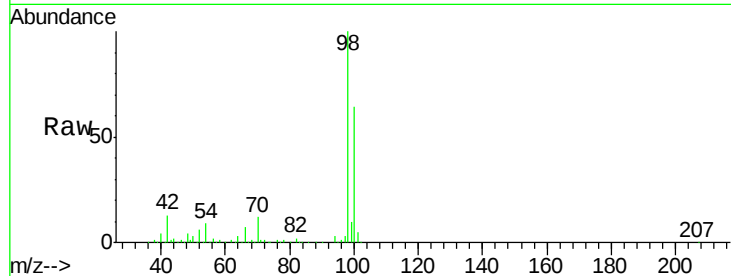
VSTDICCC020

Tgt Ion: 98 Resp: 328409

Ion Ratio Lower Upper

98 100

100 63.0 50.4 75.6



#64

Chlorobenzene

Concen: 19.903 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062508.D

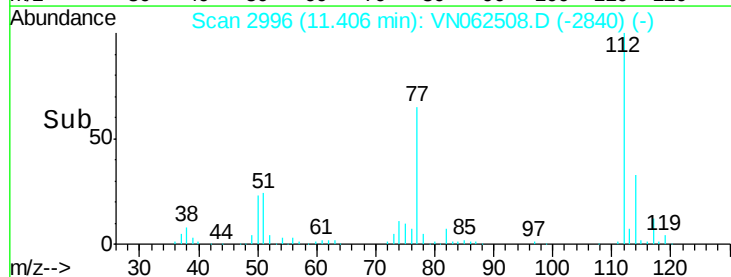
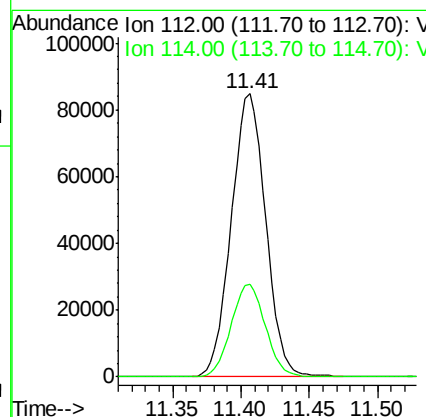
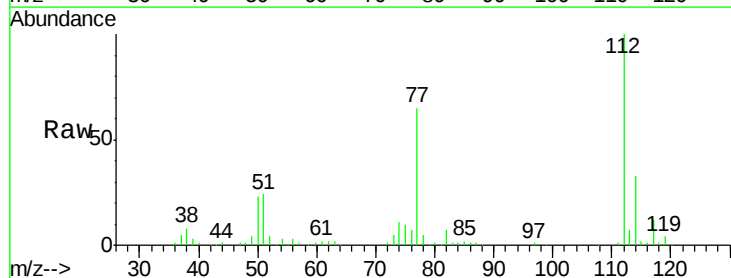
Acq: 13 Jul 2020 10:00

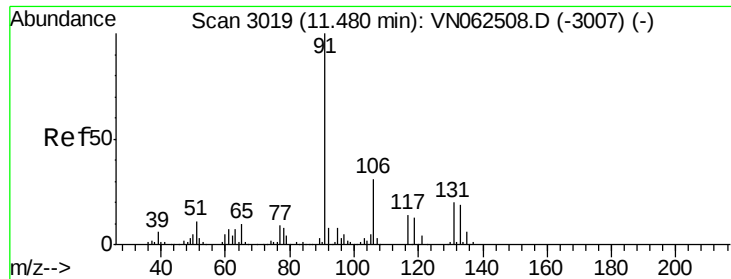
Tgt Ion: 112 Resp: 148920

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.666 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

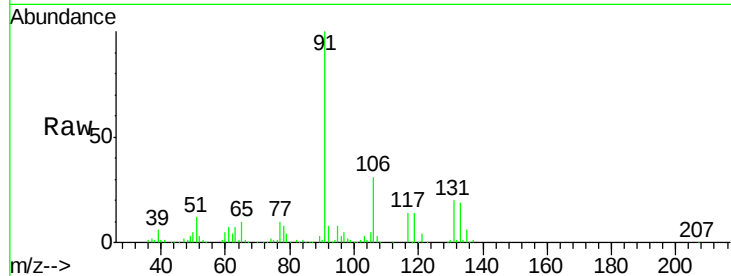
Tgt Ion:131 Resp: 56033

Ion Ratio Lower Upper

131 100

133 95.7 0.0 191.4

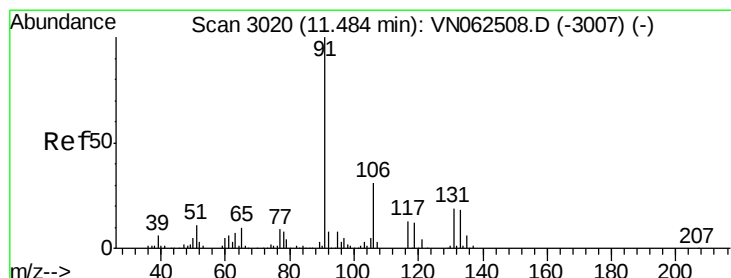
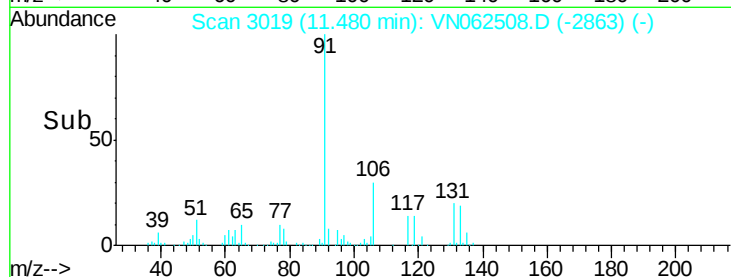
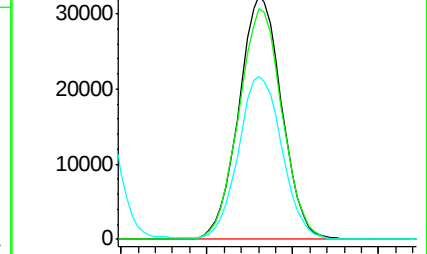
119 68.1 0.0 136.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.709 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062508.D

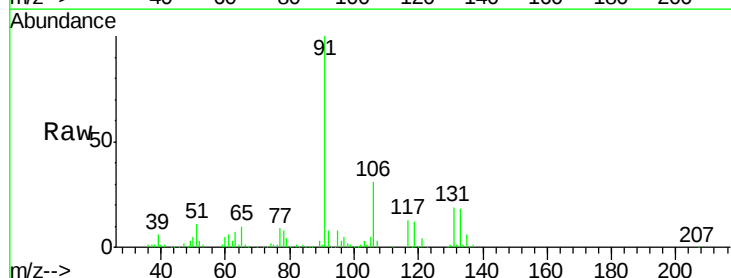
Acq: 13 Jul 2020 10:00

Tgt Ion: 91 Resp: 283353

Ion Ratio Lower Upper

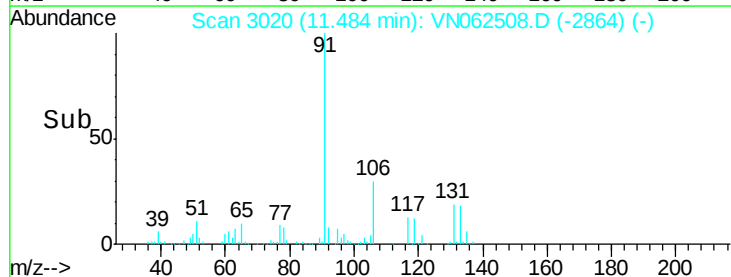
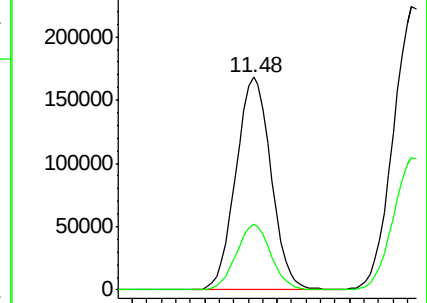
91 100

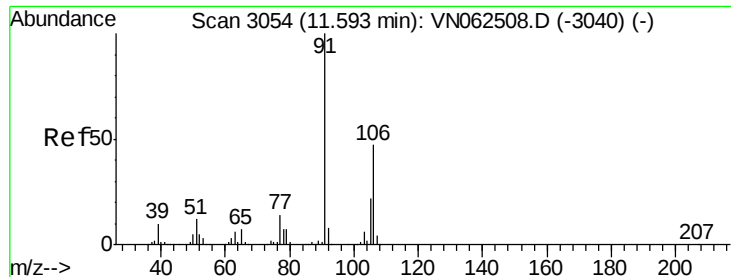
106 30.7 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

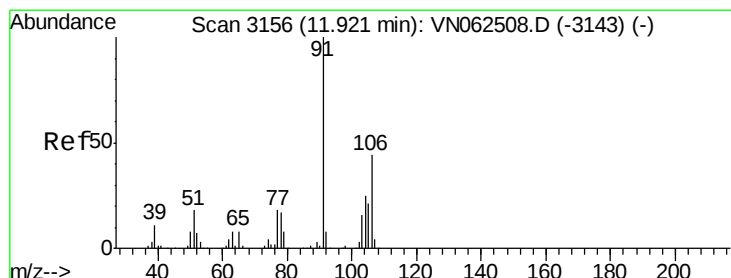
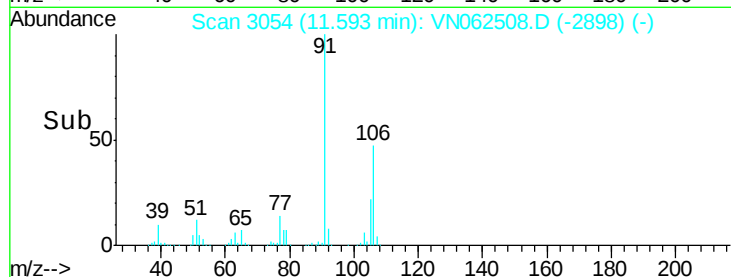
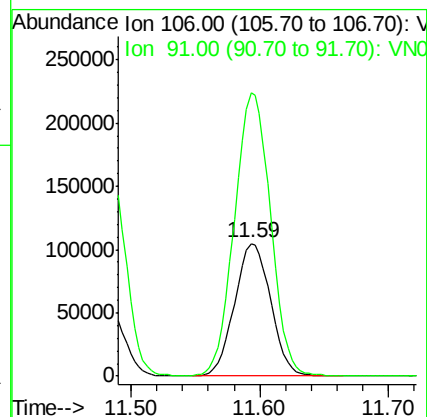
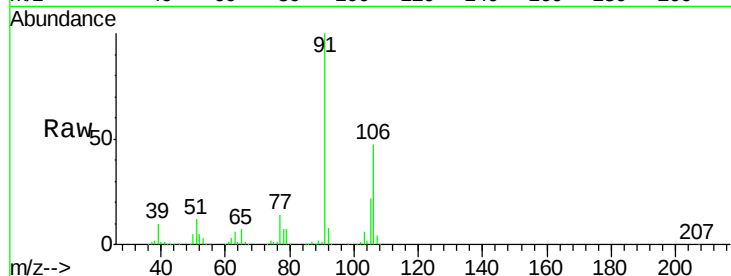




#67
m/p-Xylenes
Concen: 40.107 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

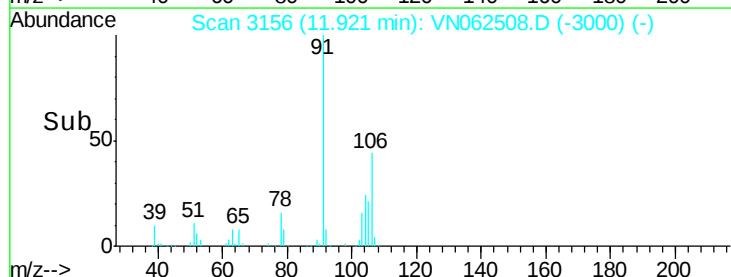
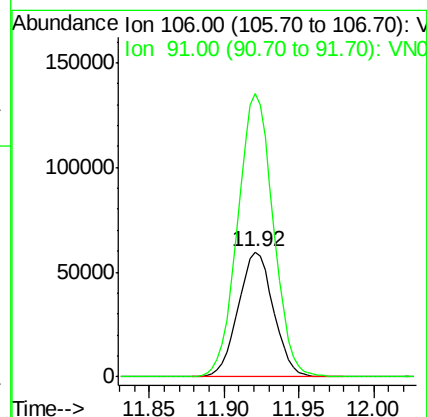
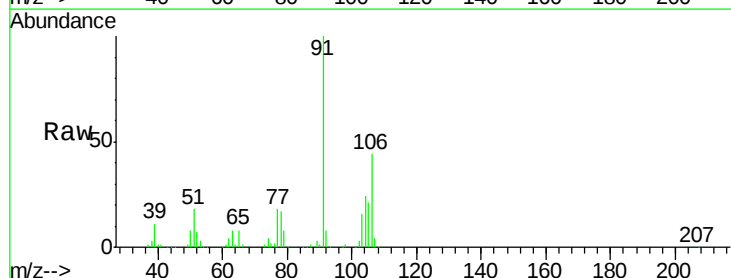
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

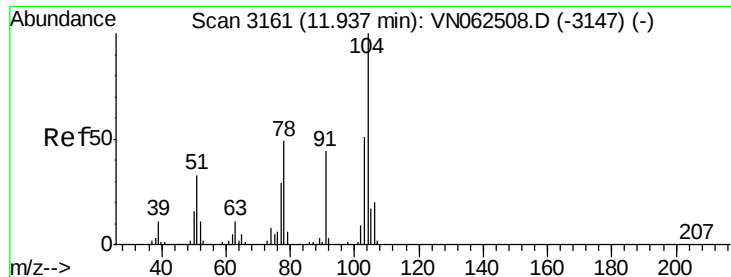
Tgt Ion:106 Resp: 203736
Ion Ratio Lower Upper
106 100
91 213.4 170.7 256.1



#68
o-Xylene
Concen: 20.440 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion:106 Resp: 98408
Ion Ratio Lower Upper
106 100
91 227.7 113.9 341.6

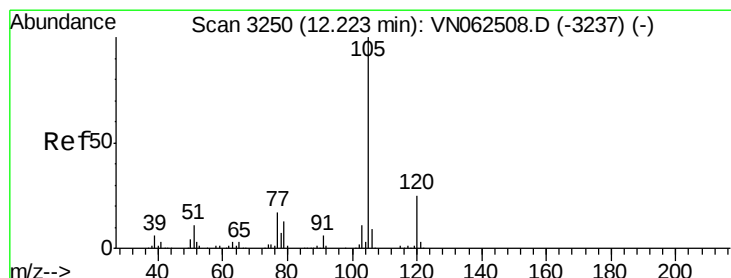
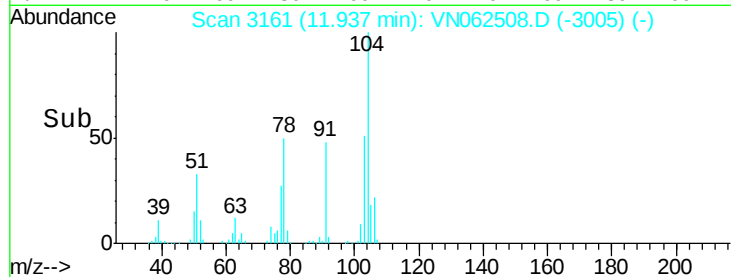
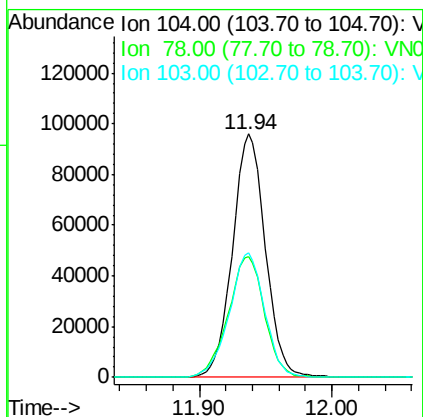
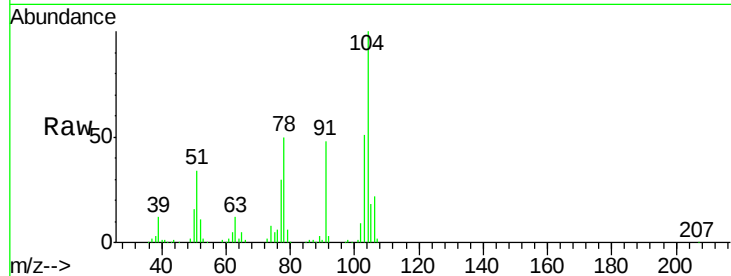




#69
Styrene
Concen: 20.128 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

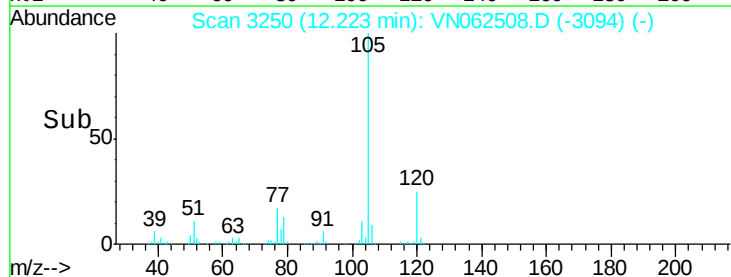
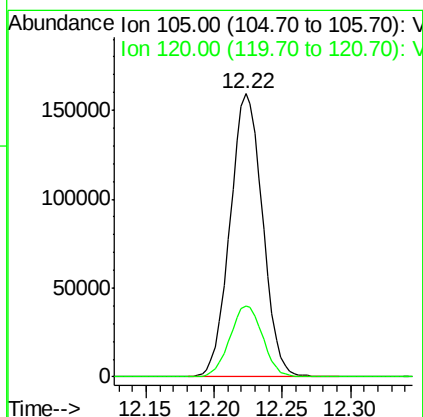
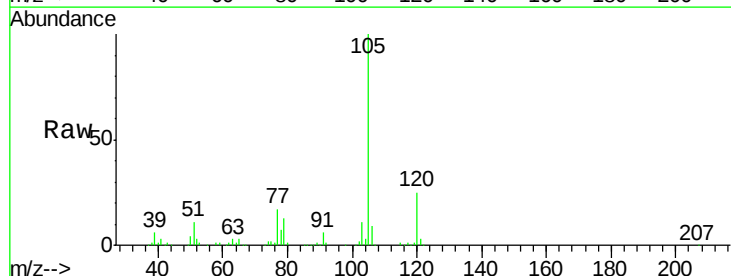
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

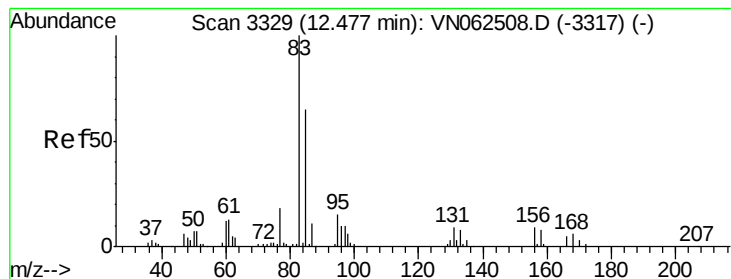
Tgt Ion:104 Resp: 164874
Ion Ratio Lower Upper
104 100
78 54.9 43.9 65.9
103 54.7 43.8 65.6



#70
Isopropylbenzene
Concen: 20.649 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion:105 Resp: 263904
Ion Ratio Lower Upper
105 100
120 25.2 17.6 32.8





#71

1,1,2,2-Tetrachloroethane

Concen: 24.249 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

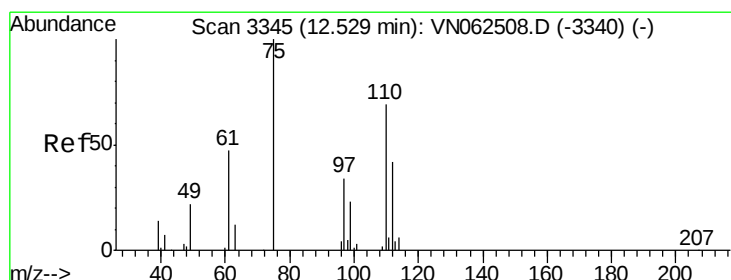
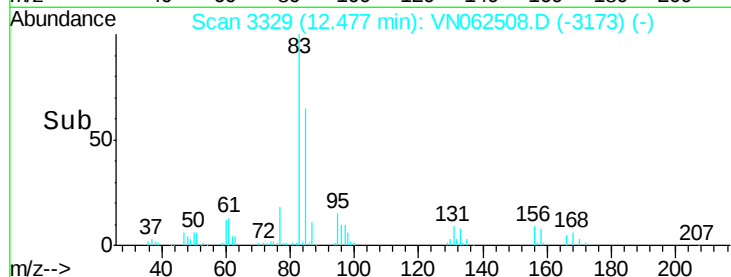
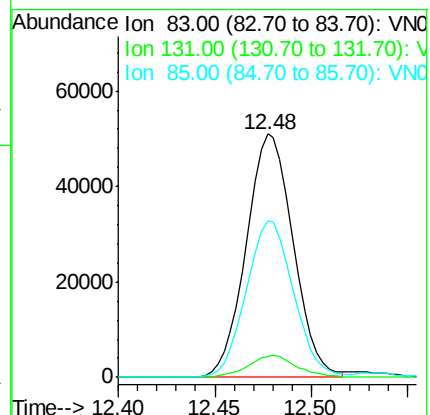
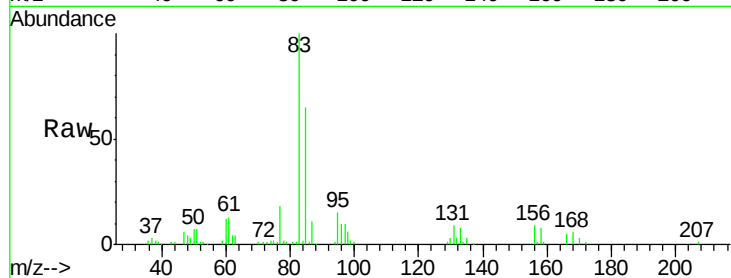
Tgt Ion: 83 Resp: 86235

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.7

85 64.9 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 34.849 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062508.D

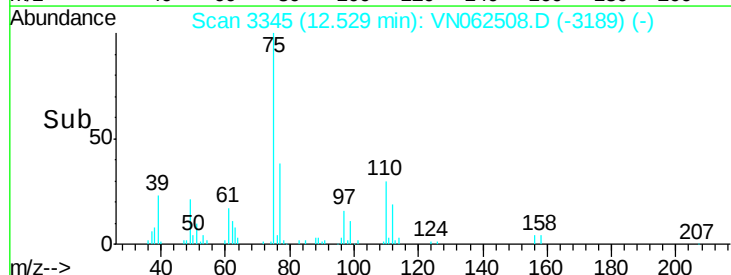
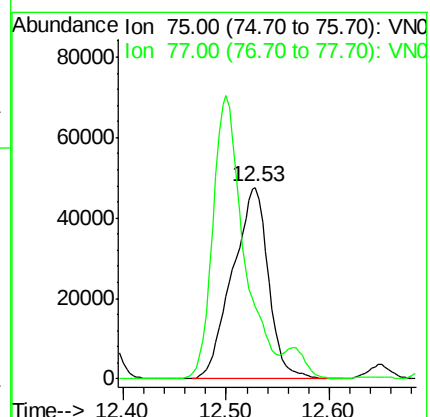
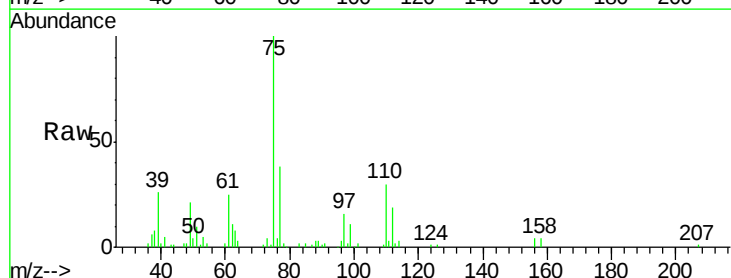
Acq: 13 Jul 2020 10:00

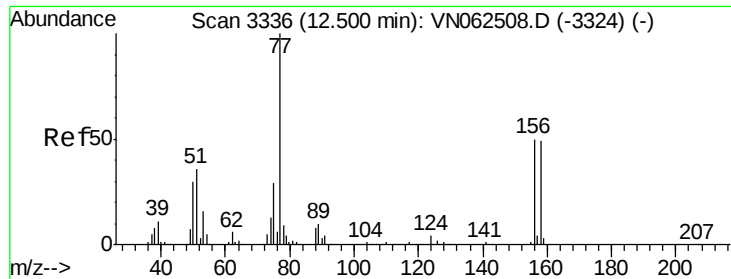
Tgt Ion: 75 Resp: 115690

Ion Ratio Lower Upper

75 100

77 126.7 0.0 376.2

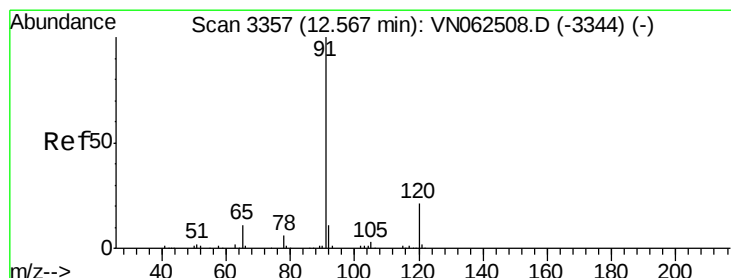
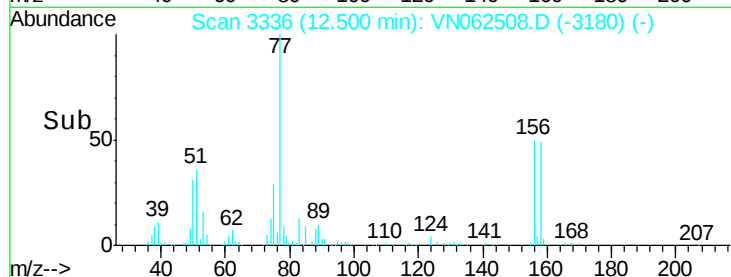
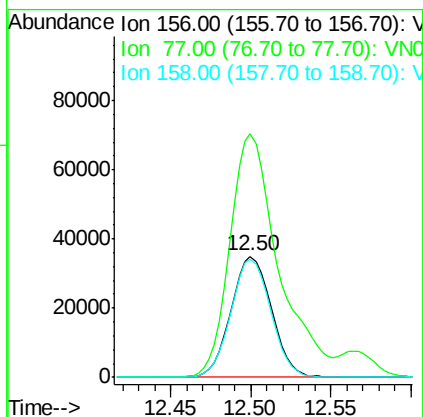
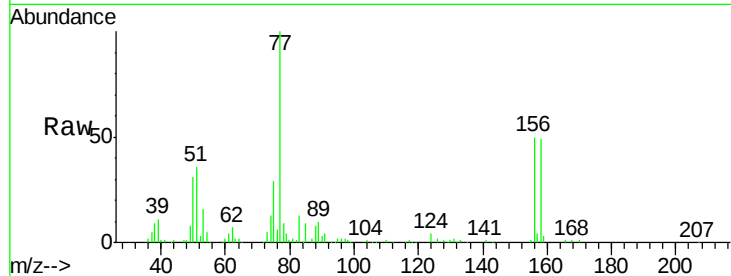




#73
Bromobenzene
Concen: 18.018 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

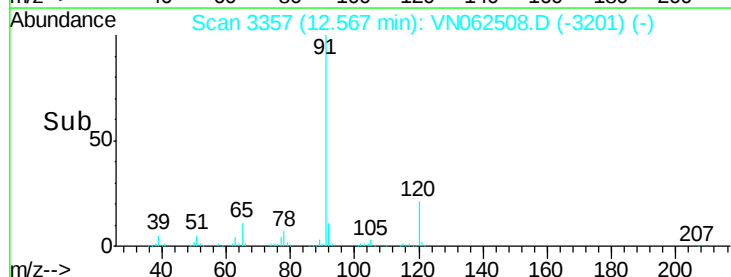
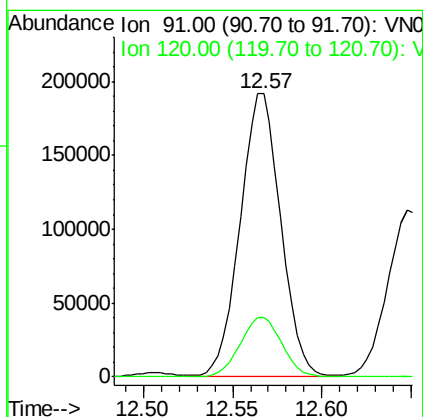
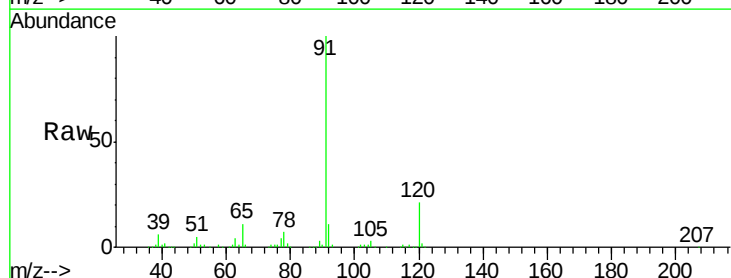
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

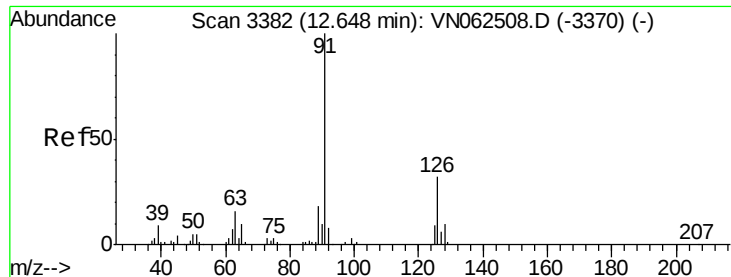
Tgt Ion:156 Resp: 60440
Ion Ratio Lower Upper
156 100
77 242.5 0.0 485.0
158 96.3 0.0 192.6



#74
n-propylbenzene
Concen: 21.152 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion: 91 Resp: 307228
Ion Ratio Lower Upper
91 100
120 21.4 0.0 42.8





#75

2-Chlorotoluene

Concen: 21.663 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

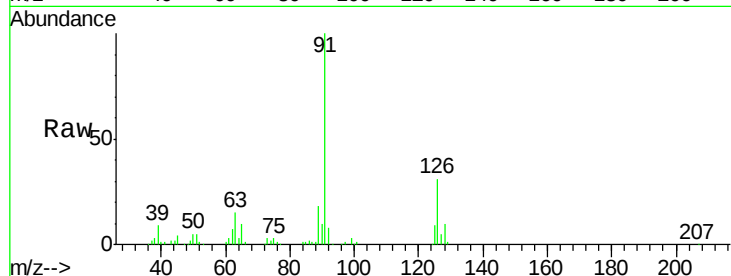
VSTDICCC020

Tgt Ion: 91 Resp: 187348

Ion Ratio Lower Upper

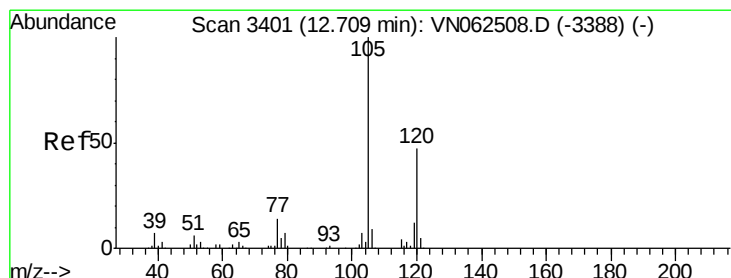
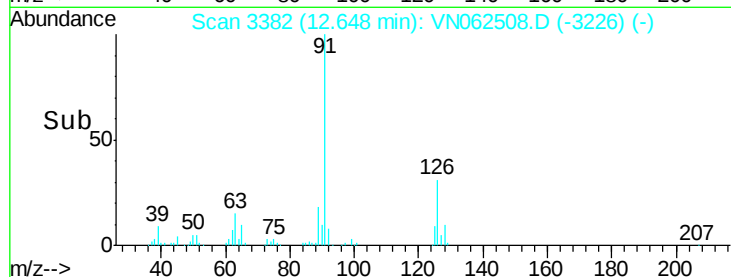
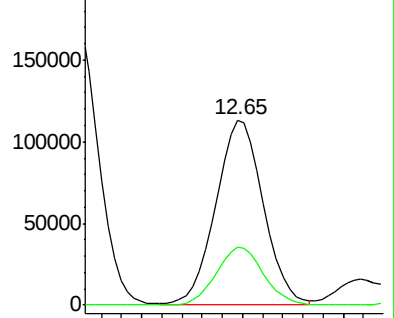
91 100

126 31.1 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN062508.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN062508.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.576 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062508.D

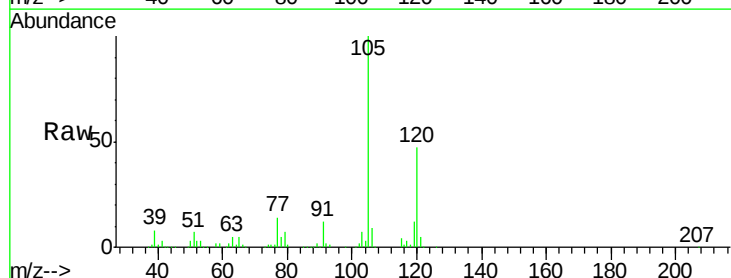
Acq: 13 Jul 2020 10:00

Tgt Ion: 105 Resp: 219236

Ion Ratio Lower Upper

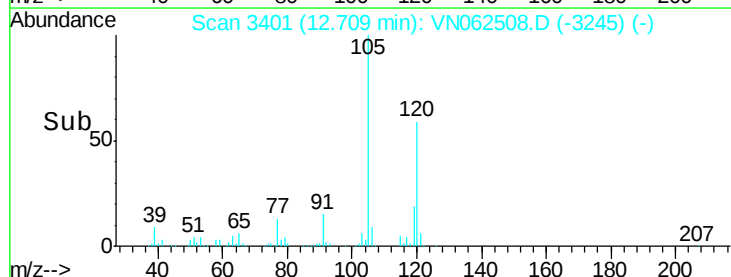
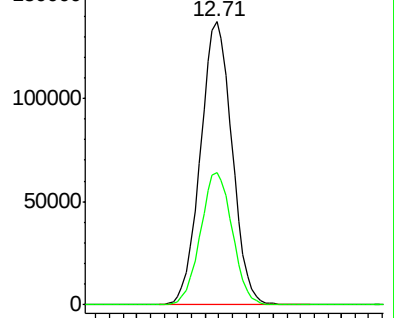
105 100

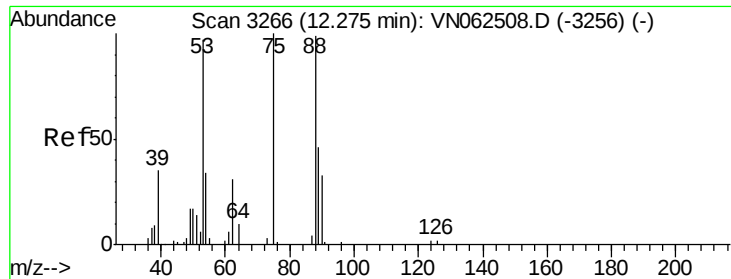
120 47.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN062508.D (-3388) (-)

Ion 120.00 (119.70 to 120.70): VN062508.D (-3388) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 24.716 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

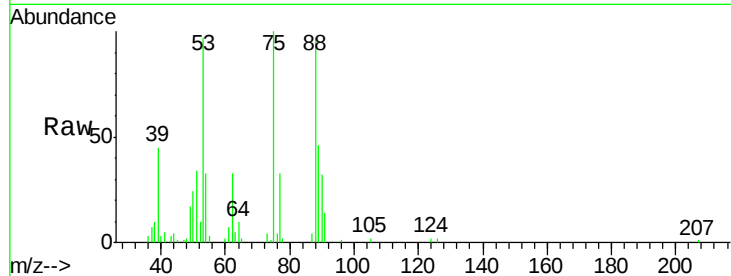
Tgt Ion: 75 Resp: 30230

Ion Ratio Lower Upper

75 100

53 96.5 48.3 144.8

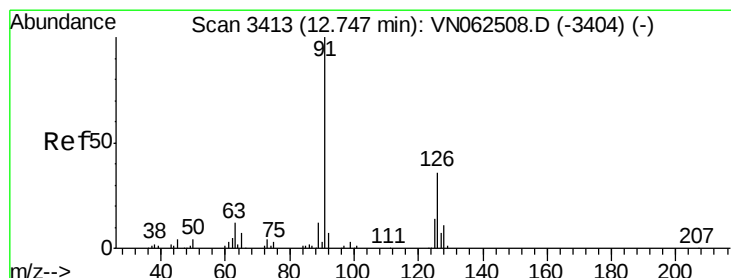
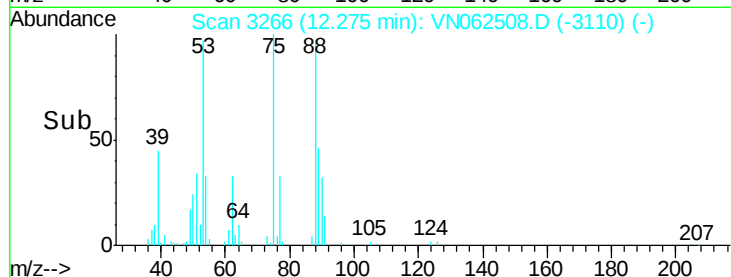
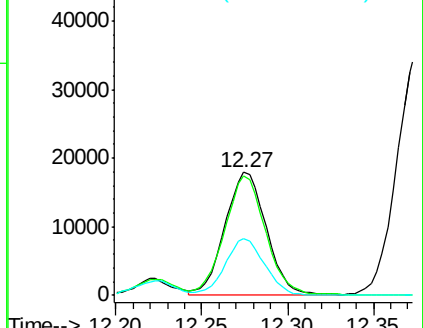
89 46.5 23.3 69.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 21.135 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062508.D

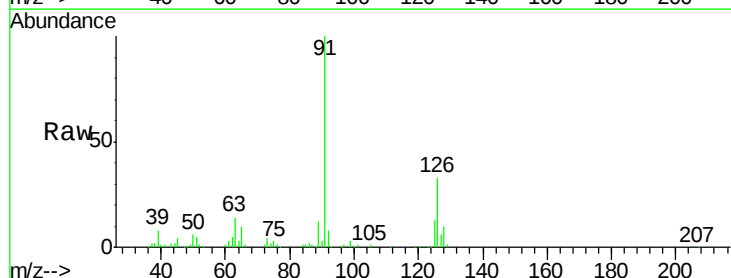
Acq: 13 Jul 2020 10:00

Tgt Ion: 91 Resp: 189168

Ion Ratio Lower Upper

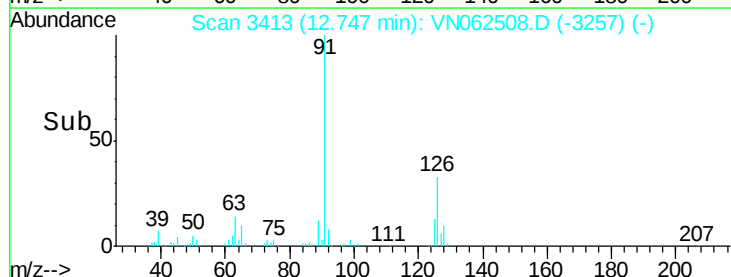
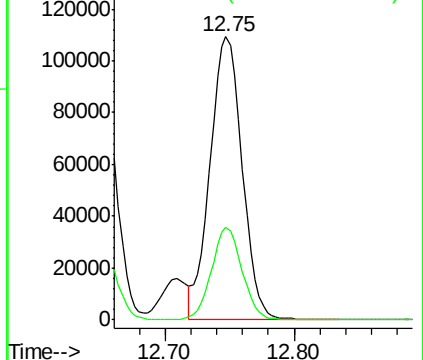
91 100

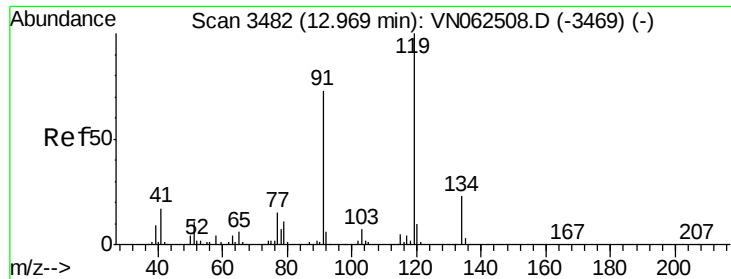
126 31.1 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

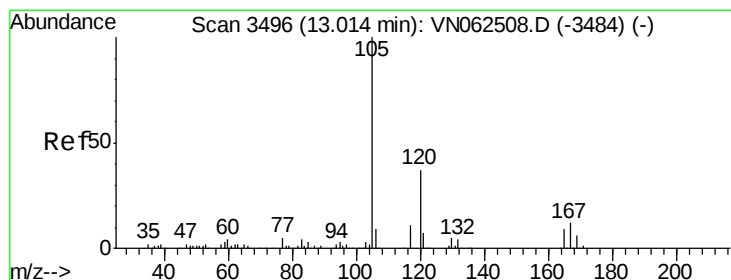
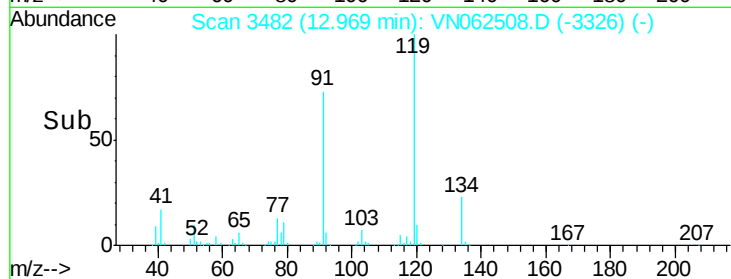
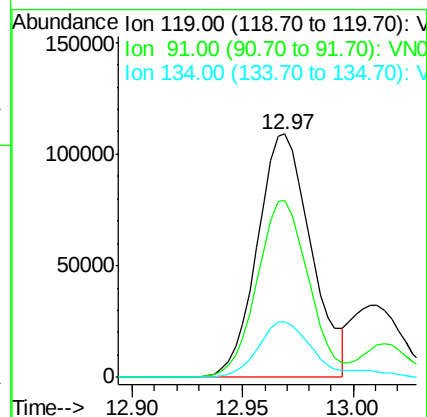
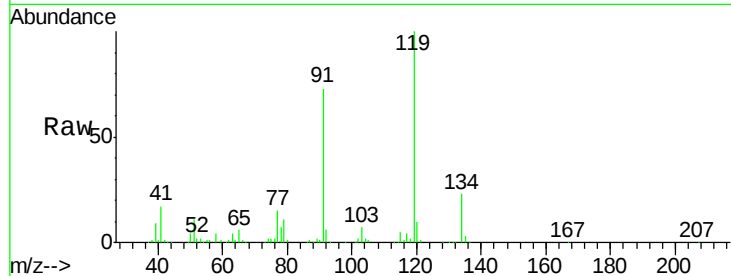




#79
tert-butylbenzene
Concen: 20.069 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

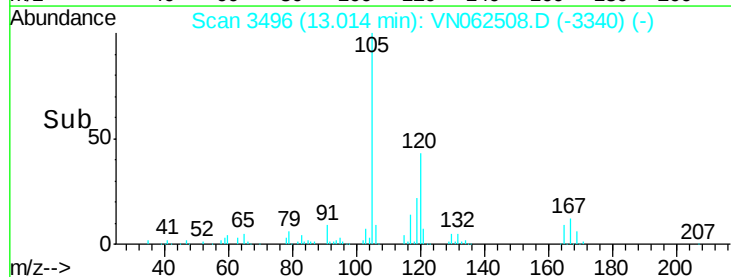
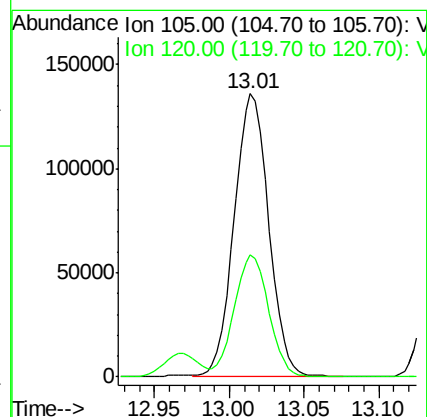
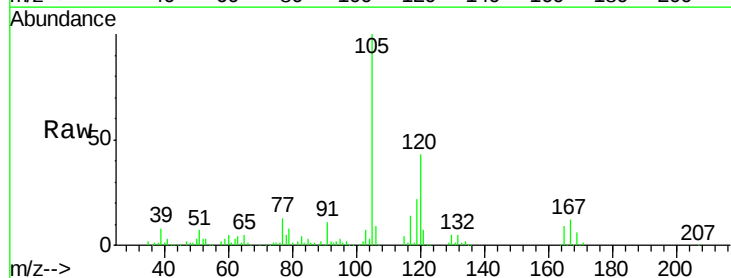
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

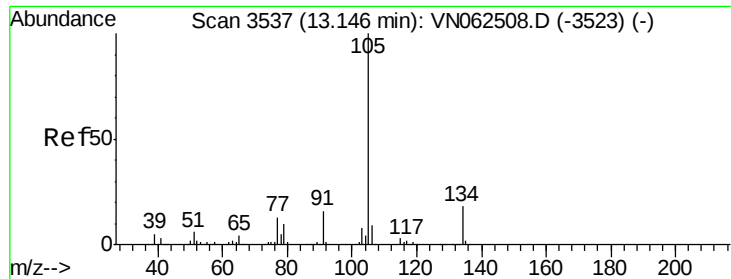
Tgt Ion:119 Resp: 184497
Ion Ratio Lower Upper
119 100
91 69.9 0.0 139.8
134 22.5 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 20.414 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062508.D
Acq: 13 Jul 2020 10:00

Tgt Ion:105 Resp: 218181
Ion Ratio Lower Upper
105 100
120 43.3 0.0 86.6

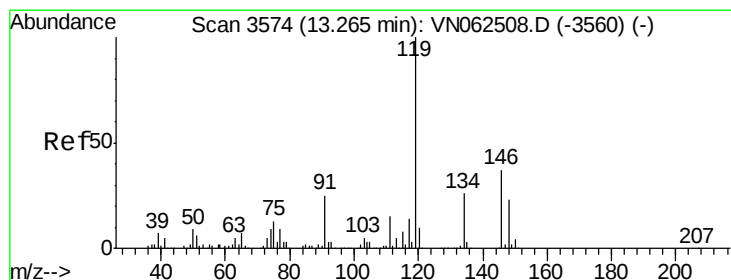
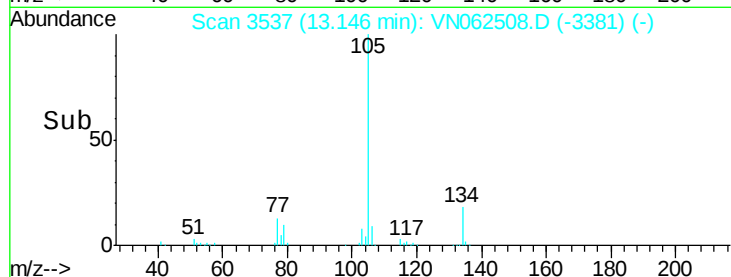
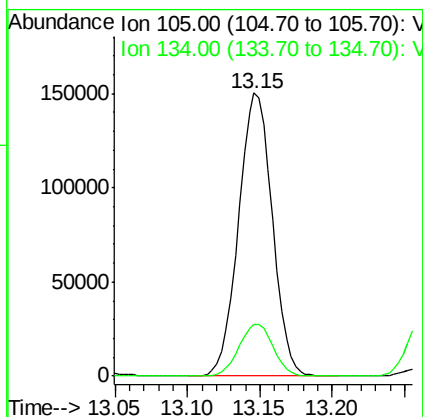
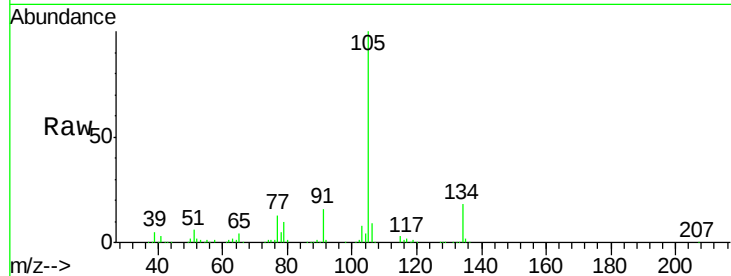




#81
 sec-Butylbenzene
 Concen: 20.469 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

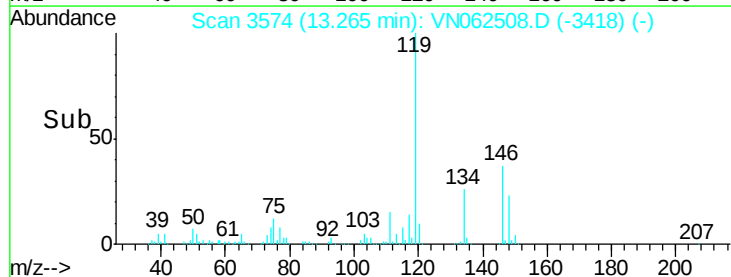
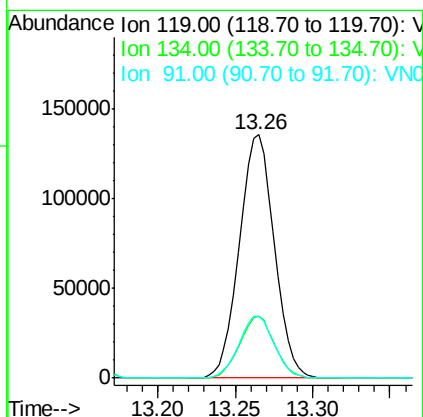
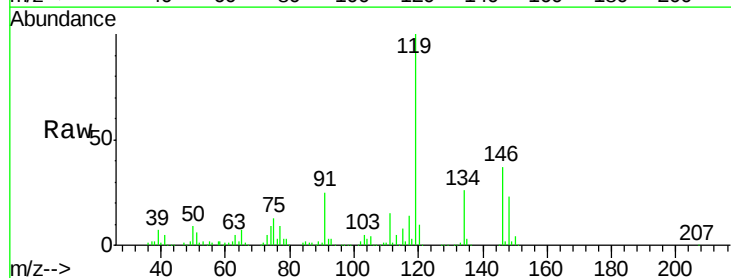
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

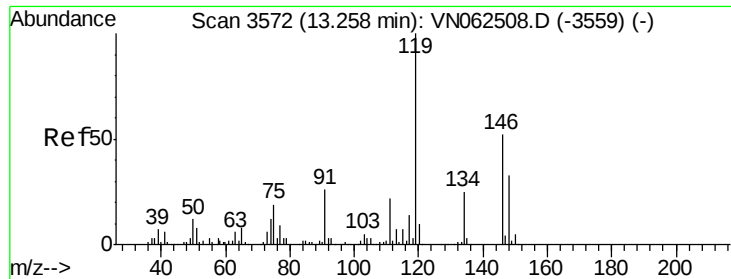
Tgt Ion:105 Resp: 243163
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 37.2



#82
 p-Isopropyltoluene
 Concen: 19.508 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion:119 Resp: 213226
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.8
 91 25.6 0.0 51.2

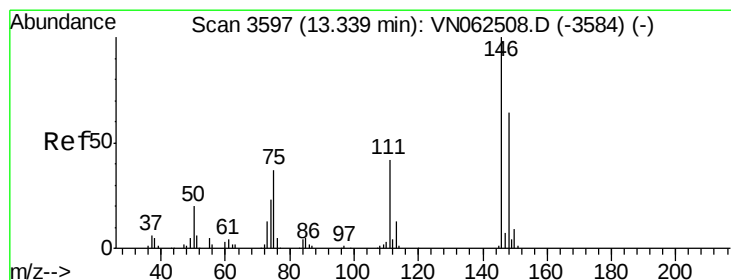
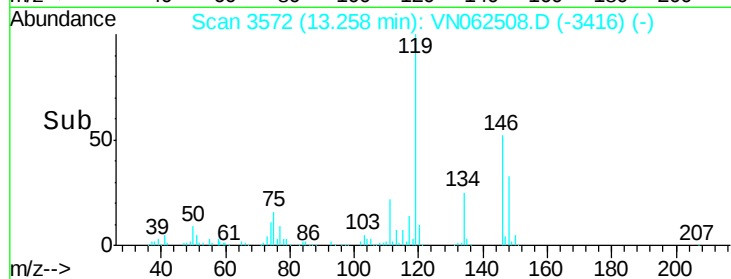
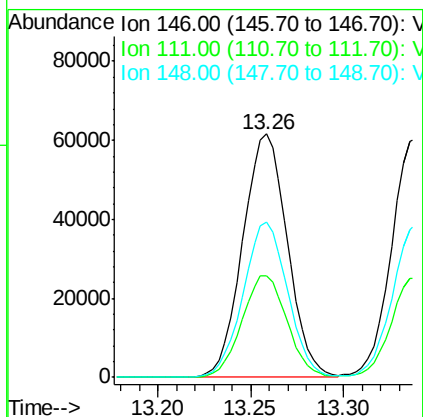
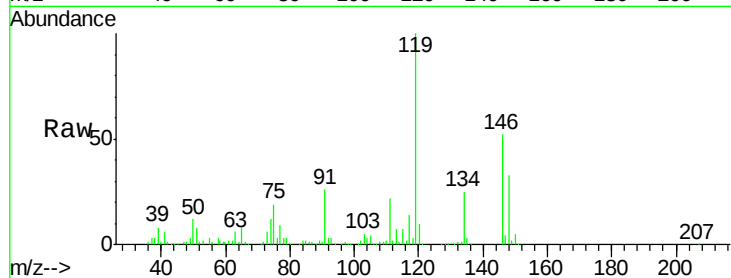




#83
 1,3-Dichlorobenzene
 Concen: 17.371 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

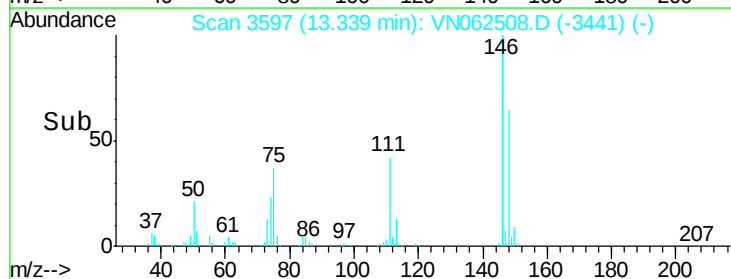
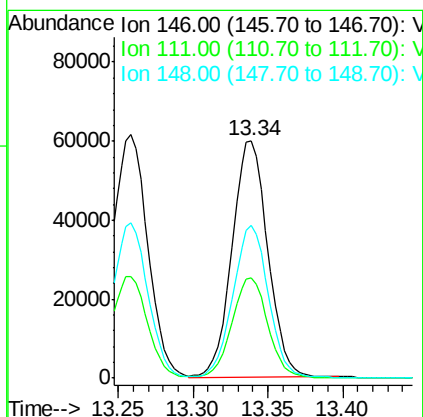
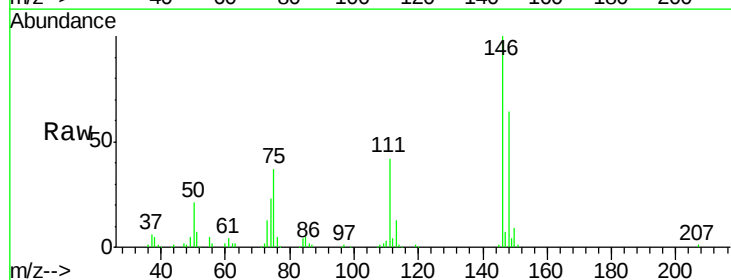
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

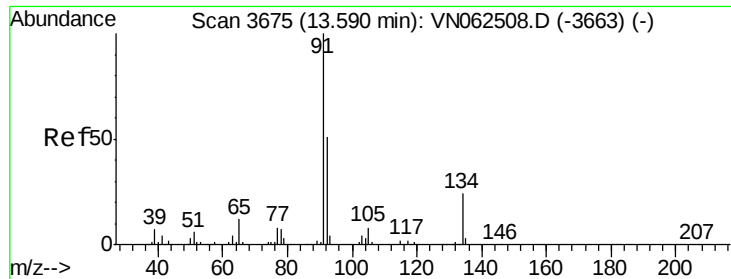
Tgt Ion:146 Resp: 103238
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 63.4 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 17.051 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion:146 Resp: 99358
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.4 64.2
 148 64.8 32.4 97.2





#85

n-Butylbenzene

Concen: 19.093 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

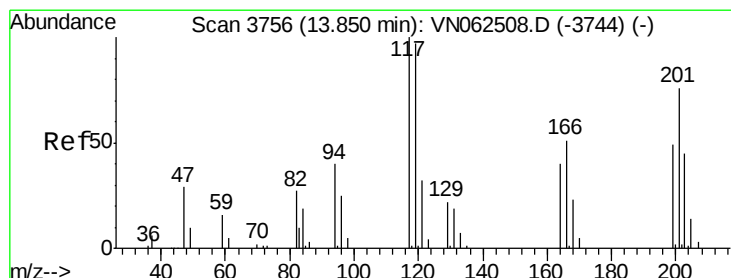
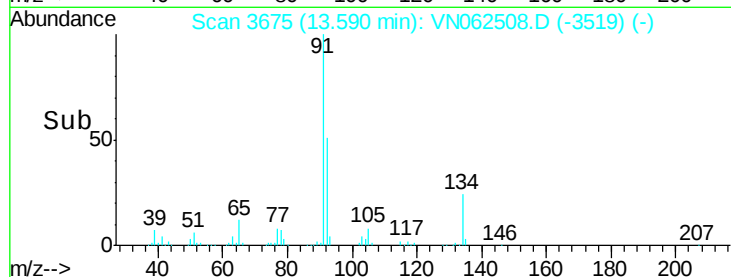
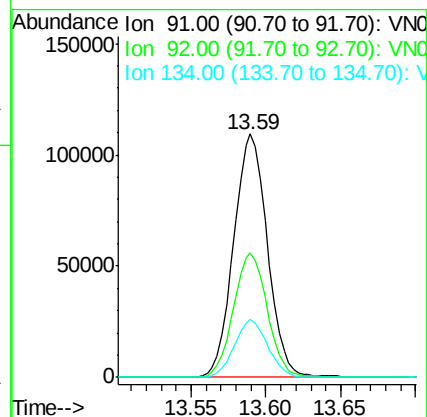
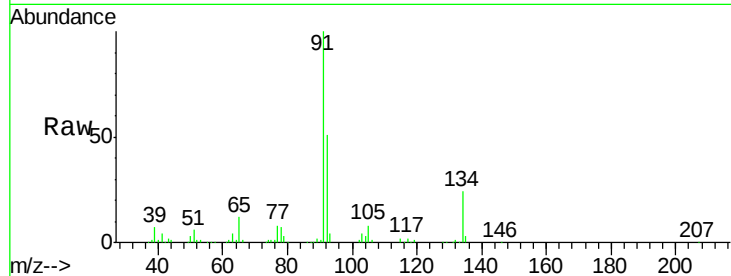
Tgt Ion: 91 Resp: 172188

Ion Ratio Lower Upper

91 100

92 51.2 0.0 102.4

134 23.3 0.0 46.6



#86

Hexachloroethane

Concen: 25.242 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062508.D

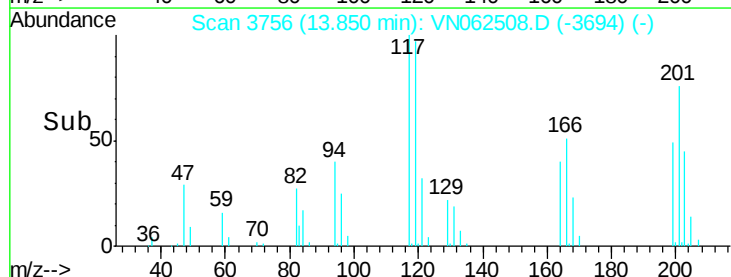
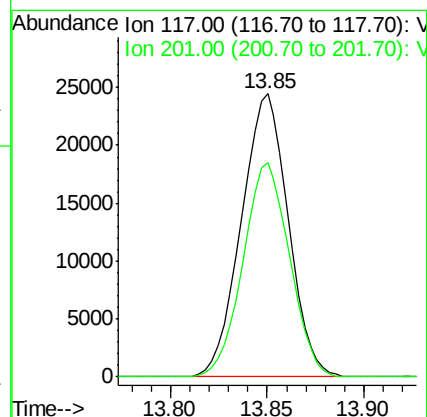
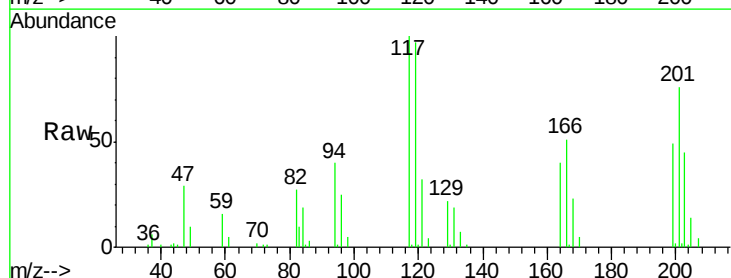
Acq: 13 Jul 2020 10:00

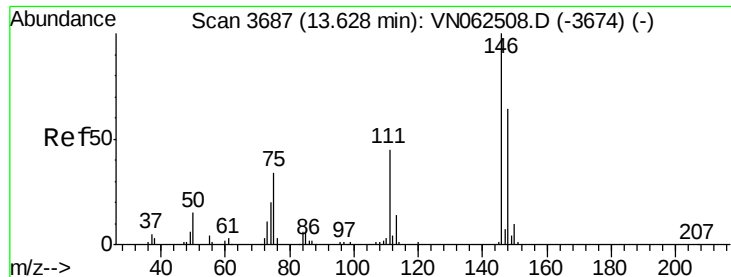
Tgt Ion: 117 Resp: 41242

Ion Ratio Lower Upper

117 100

201 74.8 37.4 112.2





#87

1,2-Dichlorobenzene

Concen: 17.749 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

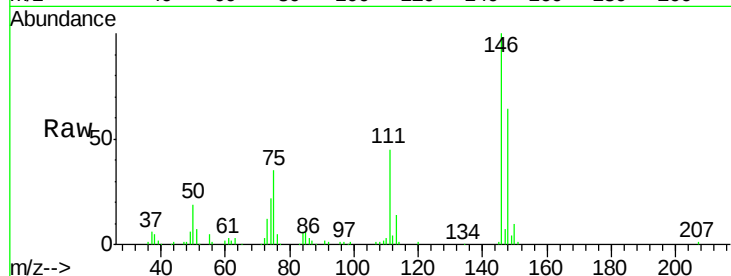
Tgt Ion:146 Resp: 100176

Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.0

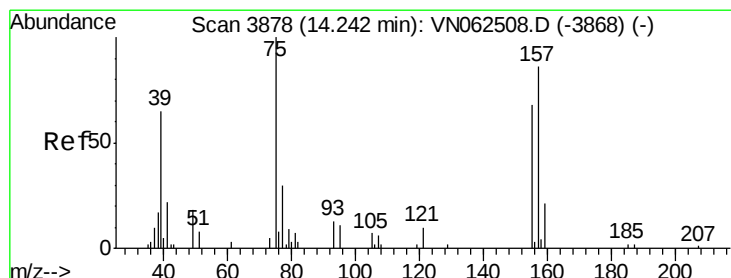
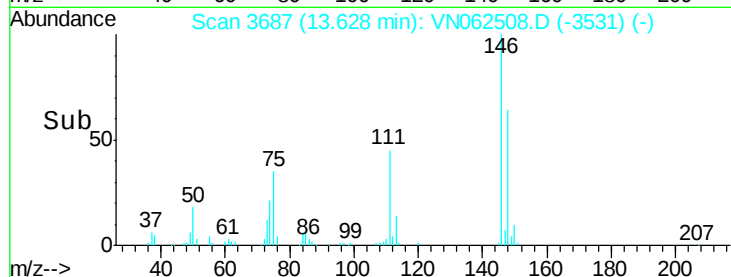
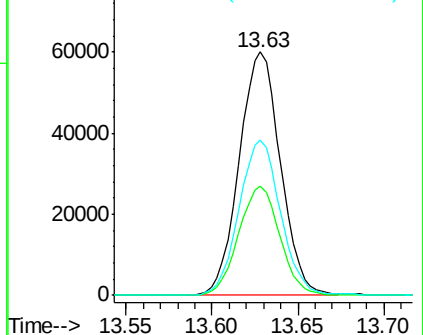
148 64.2 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 24.325 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

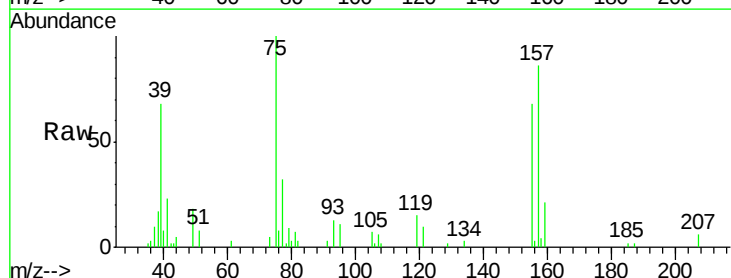
Tgt Ion: 75 Resp: 16194

Ion Ratio Lower Upper

75 100

155 69.6 55.7 83.5

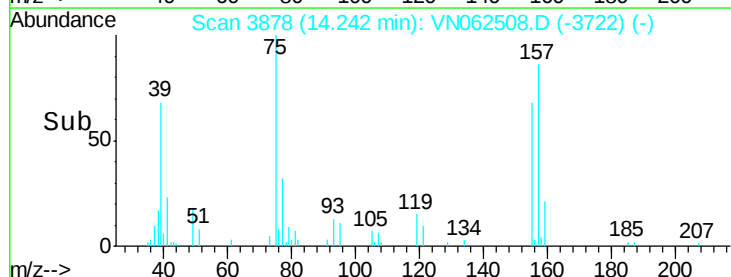
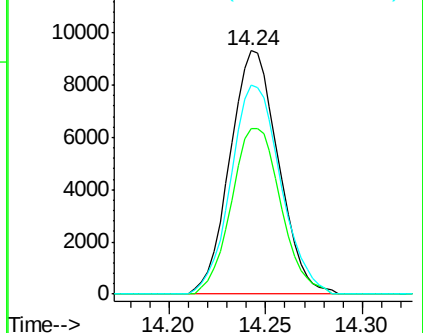
157 88.8 71.0 106.6

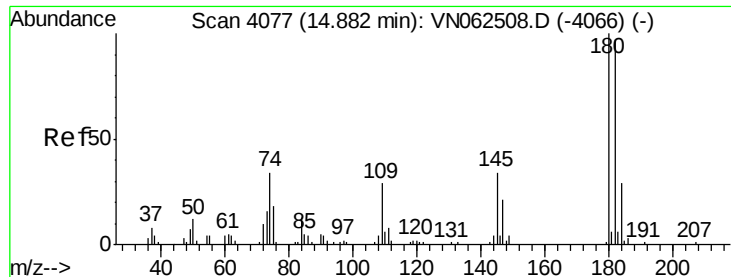


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

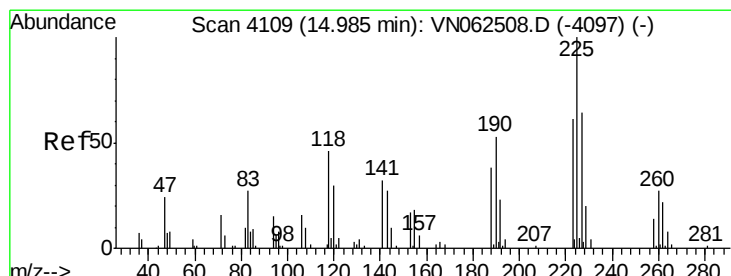
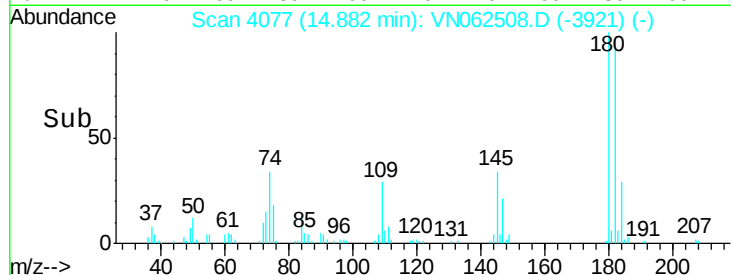
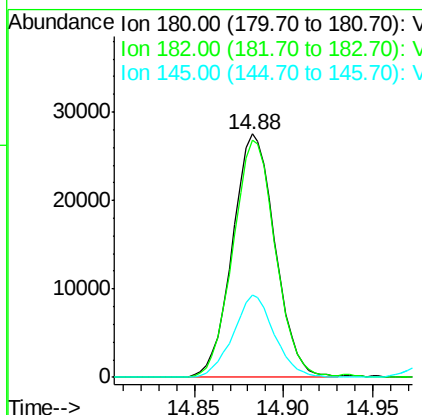
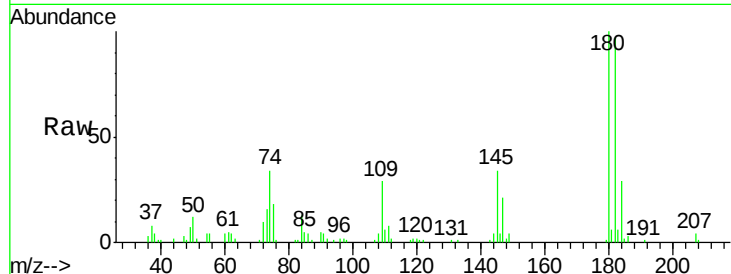




#89
 1,2,4-Trichlorobenzene
 Concen: 14.279 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

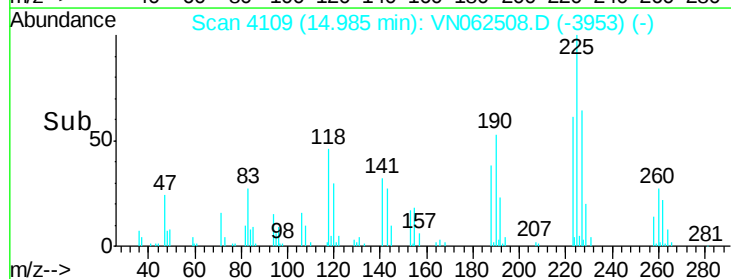
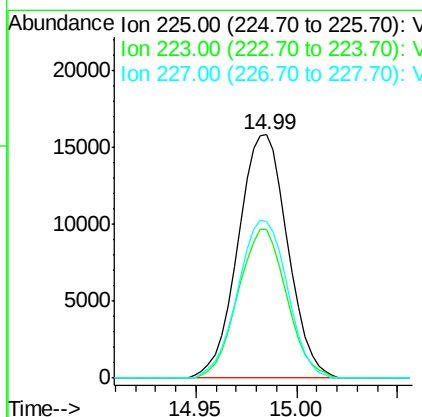
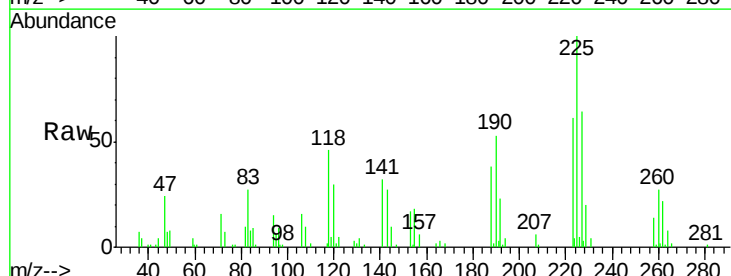
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

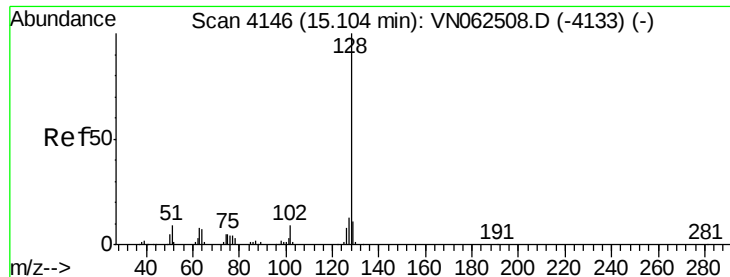
Tgt Ion:180 Resp: 45992
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.5 116.3
 145 32.6 26.1 39.1



#90
 Hexachlorobutadiene
 Concen: 18.742 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062508.D
 Acq: 13 Jul 2020 10:00

Tgt Ion:225 Resp: 27270
 Ion Ratio Lower Upper
 225 100
 223 60.2 0.0 120.4
 227 64.8 0.0 129.6





#91

Naphthalene

Concen: 13.945 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

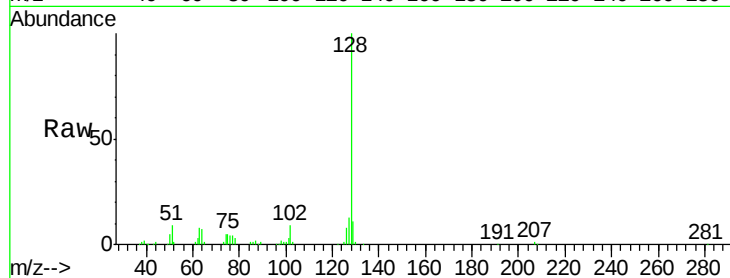
Tgt Ion:128 Resp: 124472

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

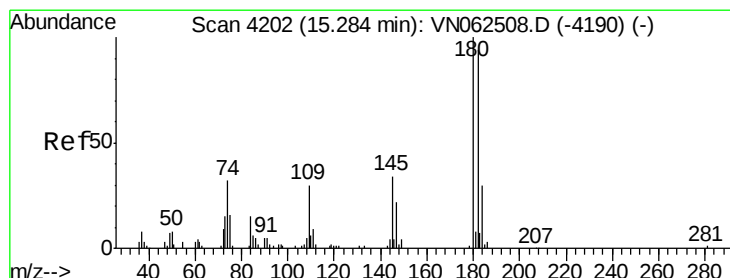
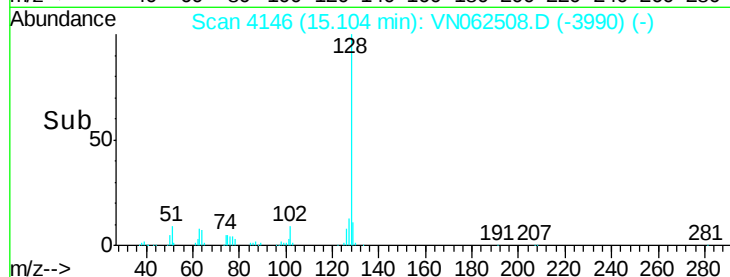
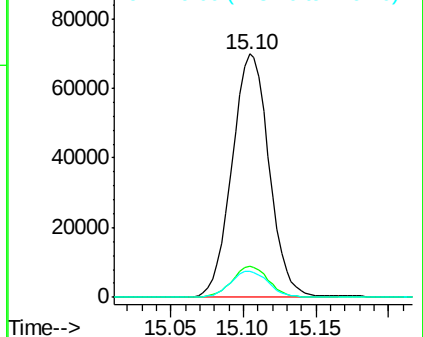
129 11.0 8.8 13.2



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



#92

1,2,3-Trichlorobenzene

Concen: 15.026 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062508.D

Acq: 13 Jul 2020 10:00

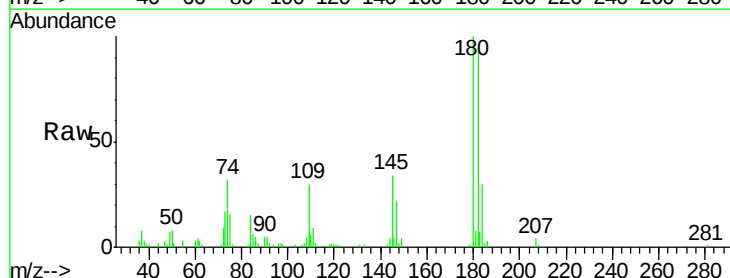
Tgt Ion:180 Resp: 47562

Ion Ratio Lower Upper

180 100

182 93.6 0.0 187.2

145 33.9 0.0 67.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

