

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071320\
 Data File : VN062517.D
 Acq On : 13 Jul 2020 15:34
 Operator : JC/MD
 Sample : VN0713WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Quant Time: Jul 14 01:02:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.16	128	39413	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	218317	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	200452	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	100325	29.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.77%
60) 4-Bromofluorobenzene	12.38	95	101322	29.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.00%
63) Toluene-d8	10.06	98	288041	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	46153	19.840	ug/l 100
3) Chloromethane	2.04	50	64245	19.126	ug/l 98
4) Vinyl Chloride	2.16	62	56881	19.372	ug/l 100
5) Bromomethane	2.53	94	25342	17.397	ug/l 91
6) Chloroethane	2.67	64	26419	18.277	ug/l 99
7) Trichlorofluoromethane	2.99	101	66157	19.224	ug/l 99
8) Diethyl Ether	3.37	74	31794	19.219	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42862	19.266	ug/l 99
10) 1,1-Dichloroethene	3.70	96	43431	19.136	ug/l 95
11) Methyl Iodide	3.91	142	51950	18.691	ug/l 96
12) Methyl Acetate	4.28	43	61738	20.283	ug/l 100
13) Acrolein	3.57	56	46077	101.317	ug/l 99
14) Acrylonitrile	4.93	53	136734	96.588	ug/l 99
15) Acetone	3.78	58	36327	83.593	ug/l 93
16) Carbon Disulfide	4.01	76	136635	18.474	ug/l 99
17) Allyl chloride	4.28	41	95350	19.754	ug/l 97
18) Methylene Chloride	4.50	84	53934	19.313	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	47522	18.918	ug/l 97
20) Diisopropyl ether	5.90	45	194535	19.605	ug/l 98
21) 1,1-Dichloroethane	5.80	63	101284	19.307	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	55289	19.517	ug/l 98
23) tert-Butyl Alcohol	4.73	59	47699	100.682	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	161303	19.277	ug/l 100
25) Chloroform	7.33	83	92465	19.220	ug/l 99
26) Cyclohexane	7.61	56	87705	18.968	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	70355	18.999	ug/l 100
30) 2-Butanone	6.79	43	189659	96.571	ug/l # 93
31) 2,2-Dichloropropane	6.78	77	79783	19.107	ug/l # 72
32) 1,1,1-Trichloroethane	7.53	97	77649	19.509	ug/l 98
33) Carbon Tetrachloride	7.73	117	66776	19.354	ug/l 99
34) Benzene	8.00	78	216466	19.676	ug/l 100
35) Methacrylonitrile	7.12	41	33756	19.567	ug/l 98
36) 1,2-Dichloroethane	8.09	62	79929	20.213	ug/l 99
37) Trichloroethene	8.80	130	47322	19.150	ug/l 98
38) Methylcyclohexane	9.05	83	78649	18.932	ug/l 99
39) 1,2-Dichloropropane	9.08	63	59991	19.140	ug/l 98
40) Dibromomethane	9.18	93	36544	20.231	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	75744	19.770	ug/l	99
42) Vinyl Acetate	5.85	43	819391	100.402	ug/l	100
43) Ethyl Acetate	6.89	43	83360	21.112	ug/l	97
44) Isopropyl Acetate	8.13	43	132954	20.069	ug/l	96
45) 1,4-Dioxane	9.17	88	18189	401.372	ug/l	94
46) Methyl methacrylate	9.17	41	61102	19.442	ug/l	98
47) n-amyl Acetate	12.05	43	105894	18.963	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	86078	19.262	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	92558	19.187	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	50853	20.084	ug/l	98
51) Ethyl methacrylate	10.40	69	82907	19.448	ug/l	99
52) 1,3-Dichloropropane	10.68	76	92869	19.985	ug/l	99
53) Dibromochloromethane	10.87	129	53538	19.407	ug/l	99
54) 1,2-Dibromoethane	10.98	107	51772	19.977	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	135666	99.639	ug/l	99
56) Bromoform	12.10	173	36709	19.483	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	397851	101.871	ug/l	99
59) 2-Hexanone	10.72	43	281662	98.337	ug/l	100
61) Tetrachloroethene	10.60	164	40245	19.605	ug/l	98
62) Toluene	10.12	91	222096	19.530	ug/l	100
64) Chlorobenzene	11.41	112	130051	19.462	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	47416	19.170	ug/l	99
66) Ethyl Benzene	11.48	91	240044	19.062	ug/l	99
67) m/p-Xylenes	11.60	106	174187	38.109	ug/l	100
68) o-Xylene	11.92	106	84882	19.351	ug/l	98
69) Styrene	11.94	104	140835	18.917	ug/l	98
70) Isopropylbenzene	12.22	105	226482	19.234	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	77044	20.245	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	100182	27.063	ug/l	58
73) Bromobenzene	12.50	156	51995	19.066	ug/l	99
74) n-propylbenzene	12.57	91	261335	18.671	ug/l	100
75) 2-Chlorotoluene	12.65	91	159754	18.957	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	190828	19.020	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	24852	17.950	ug/l	97
78) 4-Chlorotoluene	12.75	91	159704	18.572	ug/l	99
79) tert-butylbenzene	12.97	119	156586	18.848	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	181014	18.344	ug/l	98
81) sec-Butylbenzene	13.15	105	208527	18.690	ug/l	100
82) p-Isopropyltoluene	13.26	119	180230	18.305	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	88419	18.670	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	86191	18.444	ug/l	99
85) n-Butylbenzene	13.59	91	147752	17.494	ug/l	100
86) Hexachloroethane	13.85	117	34781	18.307	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	88747	19.487	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.25	75	14093	19.609	ug/l	98
89) 1,2,4-Trichlorobenzene	14.89	180	39682	17.503	ug/l	98
90) Hexachlorobutadiene	14.98	225	23946	19.043	ug/l	95
91) Naphthalene	15.10	128	111368	18.117	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	40563	17.752	ug/l	99

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Quant Time: Jul 14 01:02:29 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration

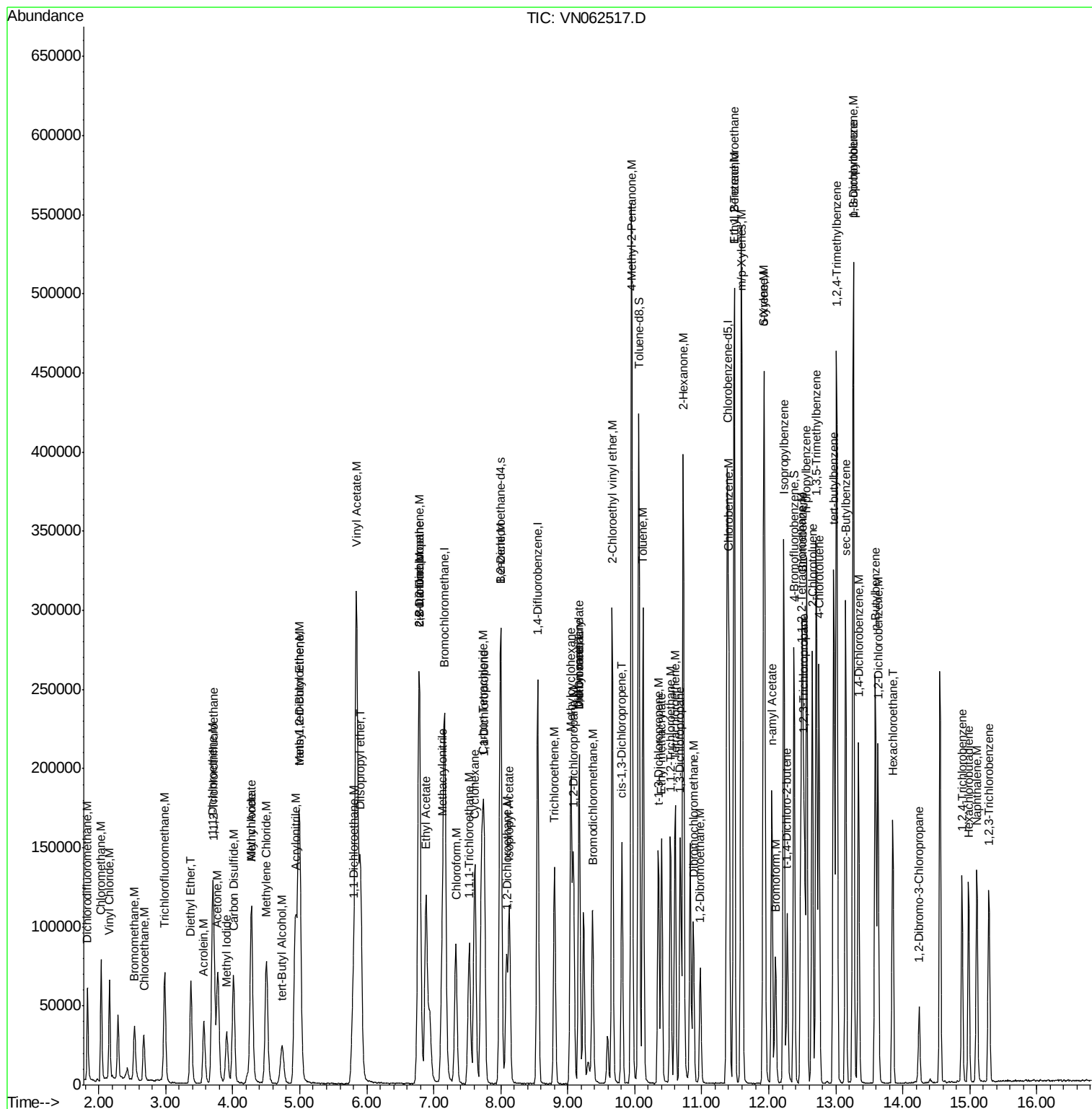
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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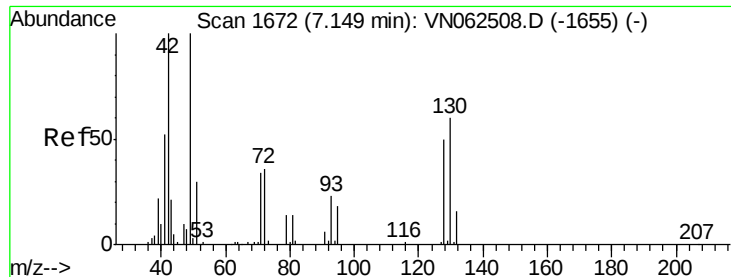
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071320\
Data File : VN062517.D
Acq On : 13 Jul 2020 15:34
Operator : JC/MD
Sample : VN0713WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Quant Time: Jul 14 01:02:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.01 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

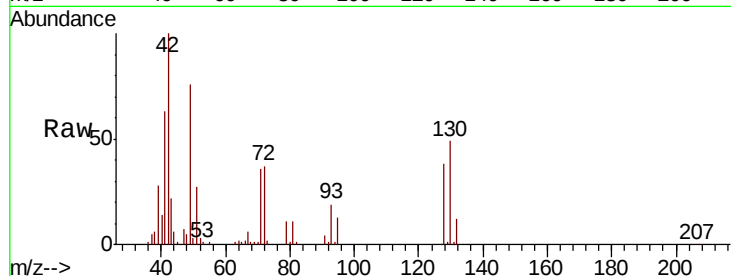
Tot Ion:128 Resp: 39413

Ion Ratio Lower Upper

128 100

49 211.5 0.0 525.0

130 131.9 0.0 319.8

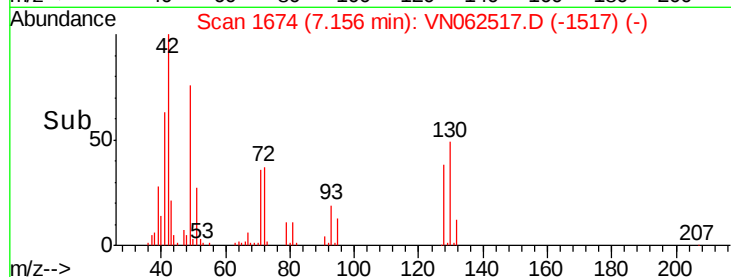
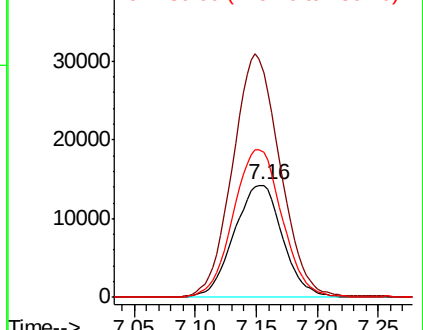


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.840 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN062517.D

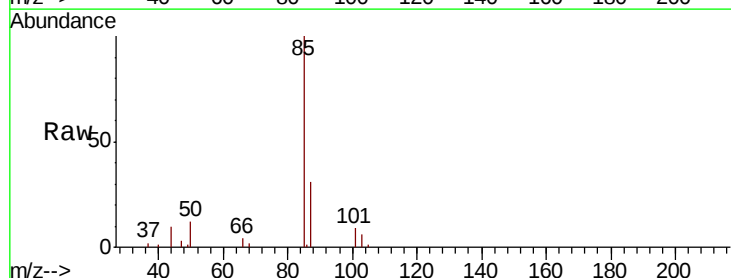
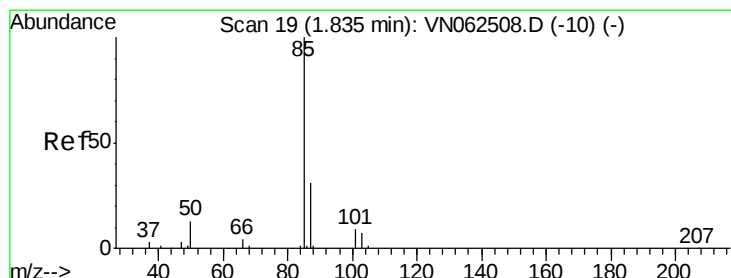
Acq: 13 Jul 2020 15:34

Tgt Ion: 85 Resp: 46153

Ion Ratio Lower Upper

85 100

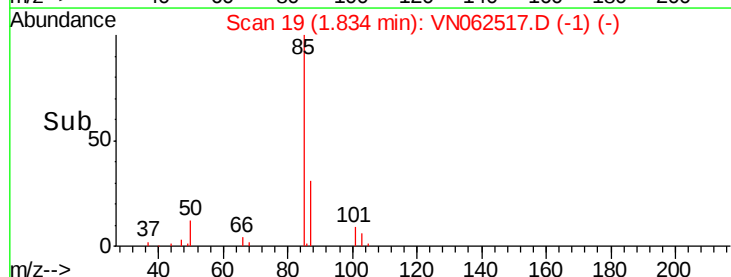
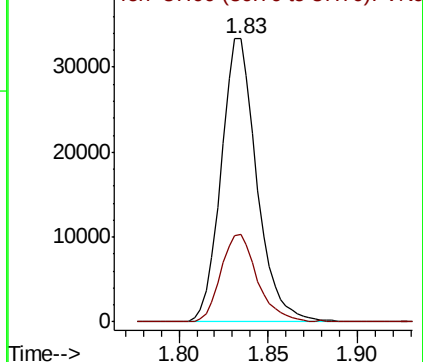
87 31.1 15.6 46.7

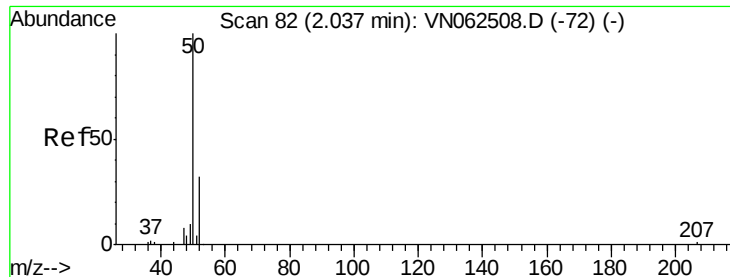


Abundance

Ion 85.00 (84.70 to 85.70): V

Ion 87.00 (86.70 to 87.70): V





#3

Chloromethane

Concen: 19.126 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

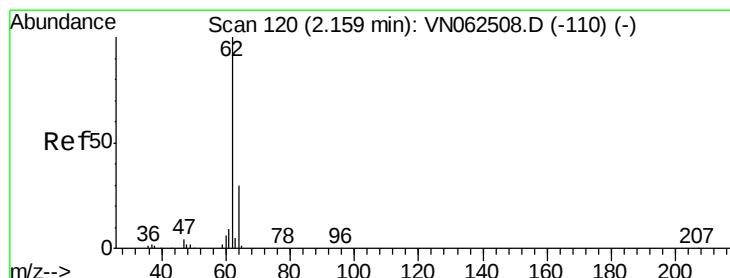
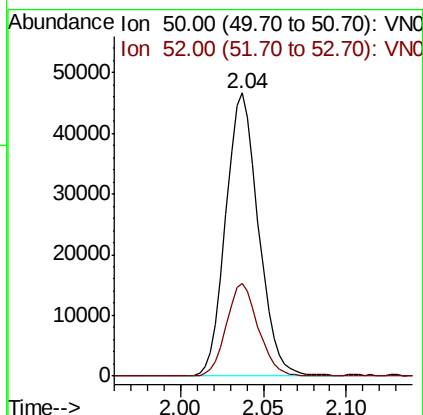
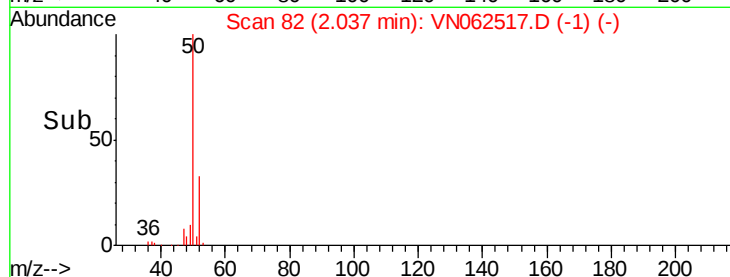
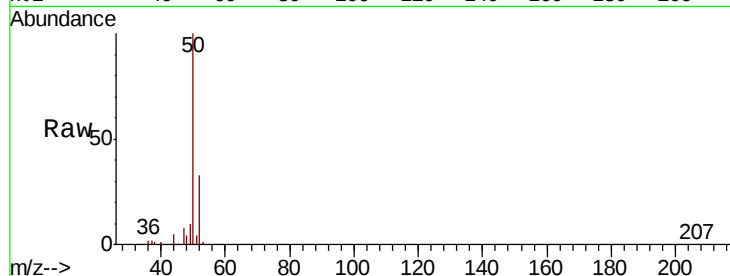
VN0713WBSD01

Tot Ion: 50 Resp: 64245

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 19.372 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062517.D

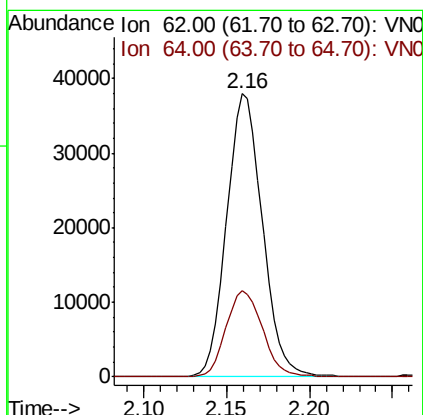
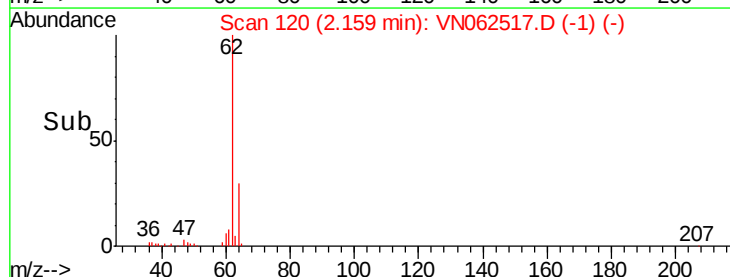
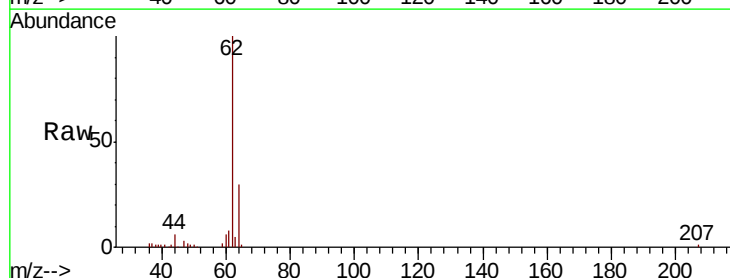
Acq: 13 Jul 2020 15:34

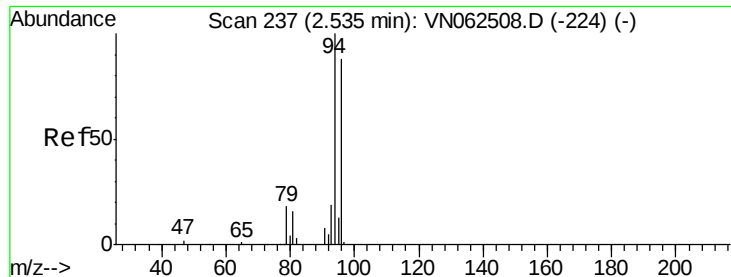
Tgt Ion: 62 Resp: 56881

Ion Ratio Lower Upper

62 100

64 30.4 24.3 36.5





#5

Bromomethane

Concen: 17.397 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

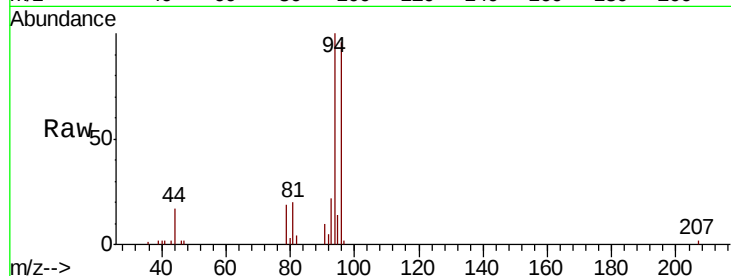
VN0713WBSD01

Tot Ion: 94 Resp: 25342

Ion Ratio Lower Upper

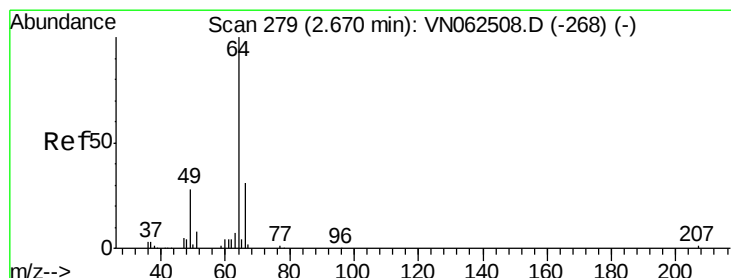
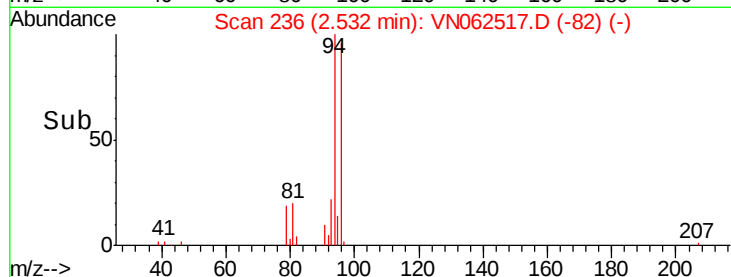
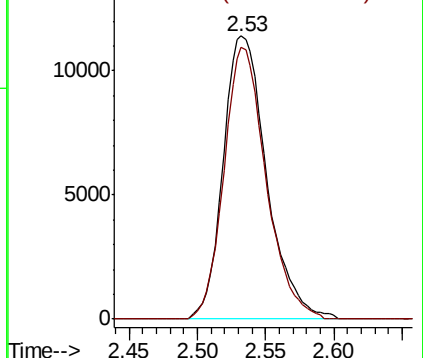
94 100

96 96.2 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: 18.277 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN062517.D

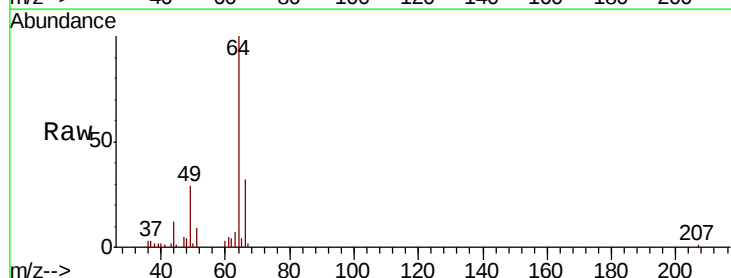
Acq: 13 Jul 2020 15:34

Tgt Ion: 64 Resp: 26419

Ion Ratio Lower Upper

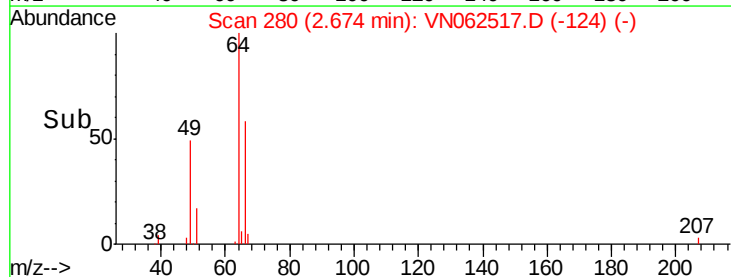
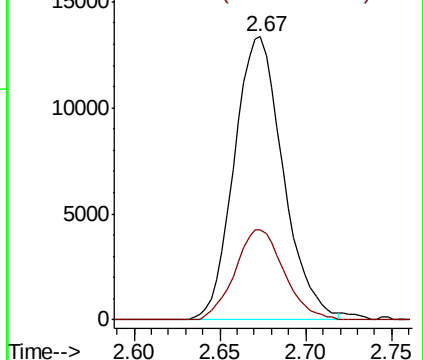
64 100

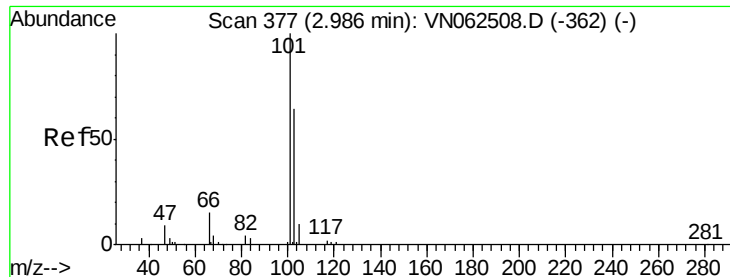
66 31.7 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



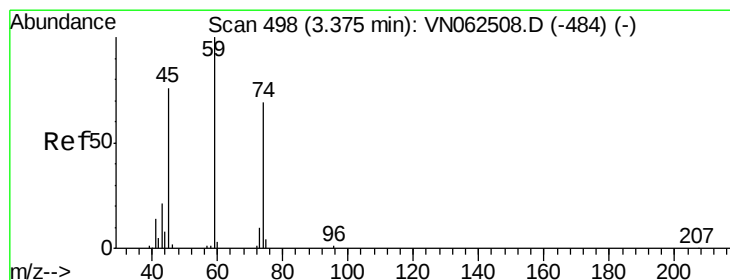
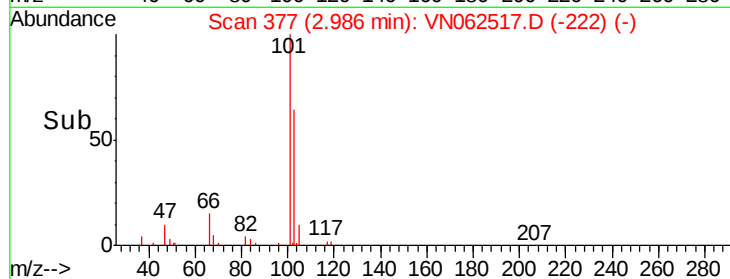
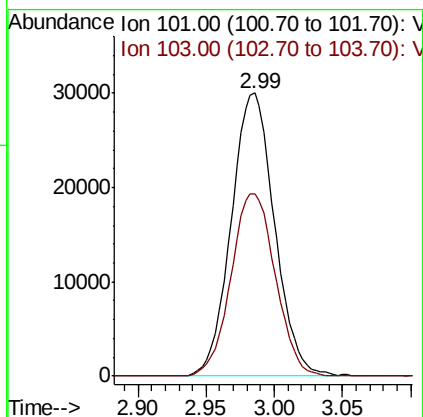
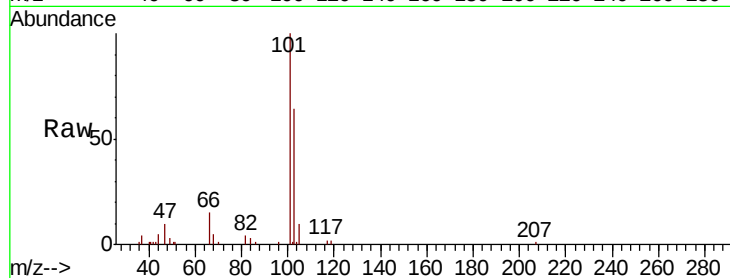


#7

Trichlorofluoromethane
 Concen: 19.224 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
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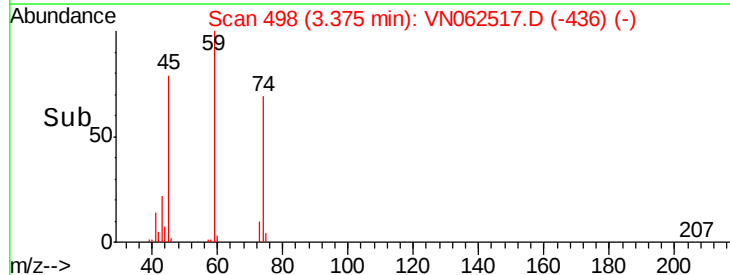
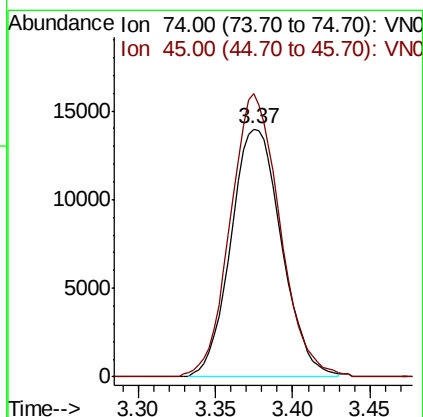
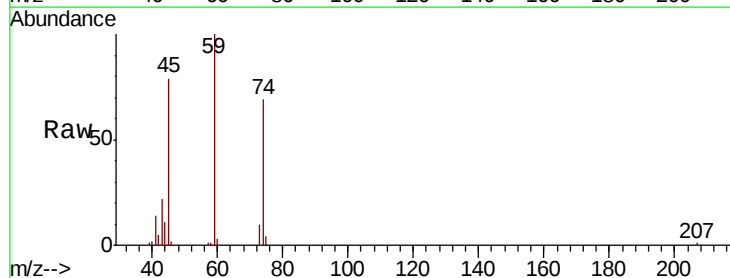
Tot Ion:101 Resp: 66157
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.9 76.3

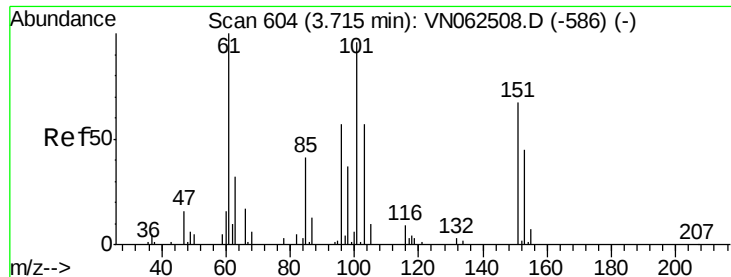


#8

Diethyl Ether
 Concen: 19.219 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion: 74 Resp: 31794
 Ion Ratio Lower Upper
 74 100
 45 111.7 21.8 196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.266 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

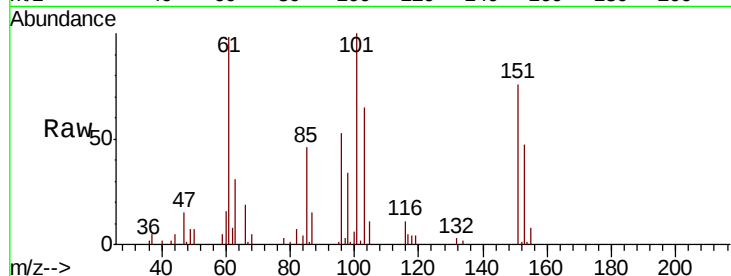
Tot Ion:101 Resp: 42862

Ion Ratio Lower Upper

101 100

85 44.9 0.0 90.4

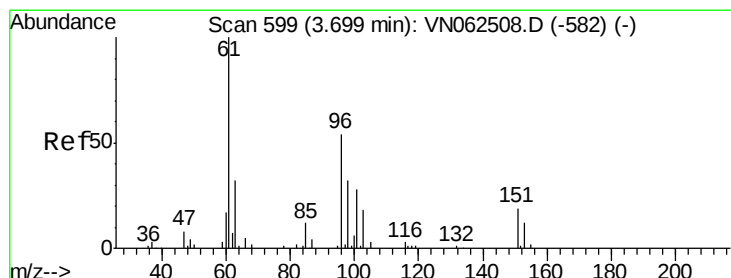
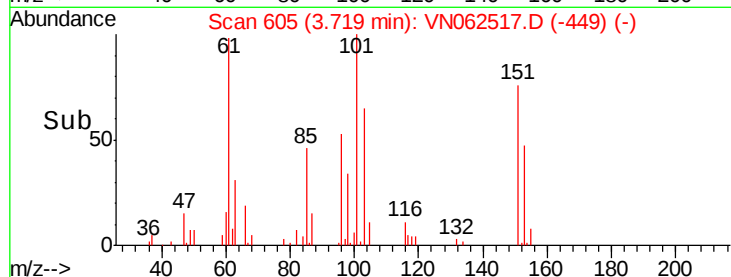
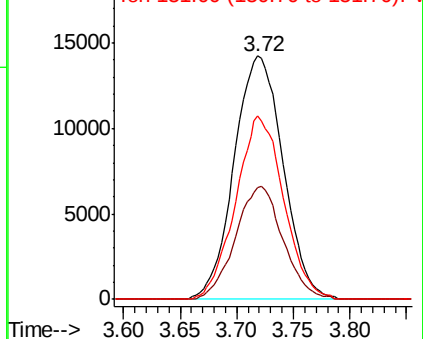
151 73.6 0.0 145.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.136 ug/l

RT: 3.70 min Scan# 598

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

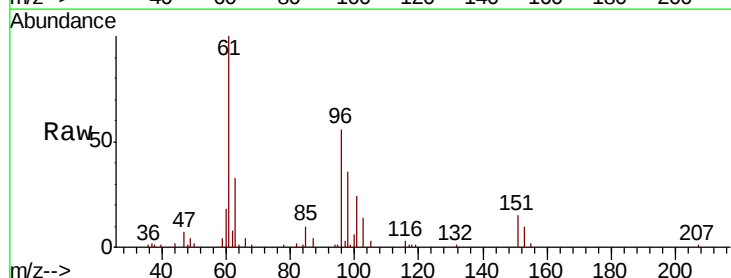
Tgt Ion: 96 Resp: 43431

Ion Ratio Lower Upper

96 100

61 178.7 147.8 221.8

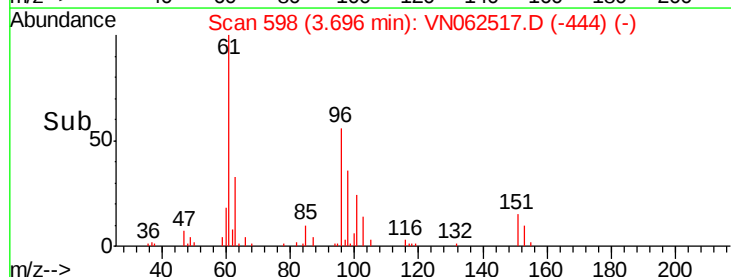
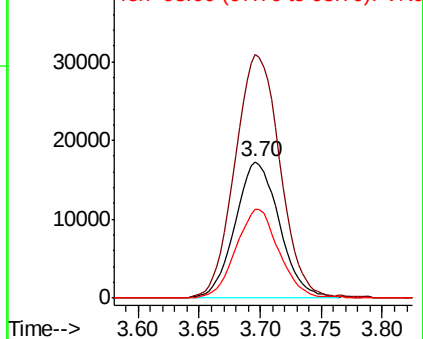
98 65.1 47.8 71.8

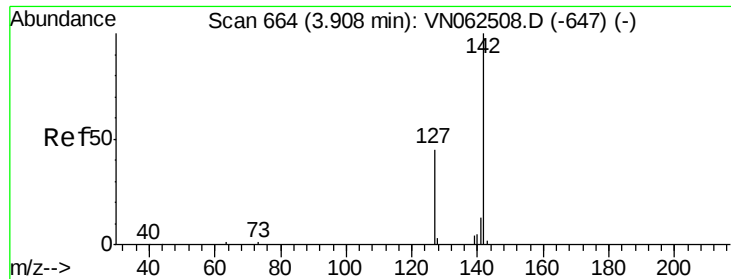


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

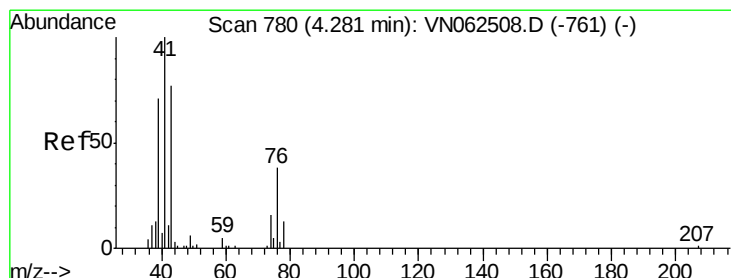
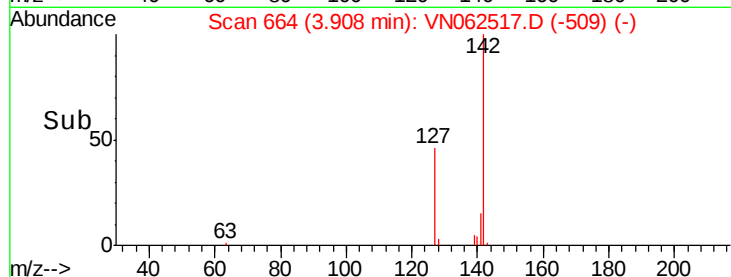
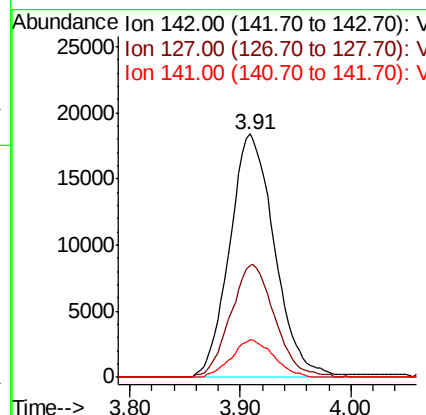
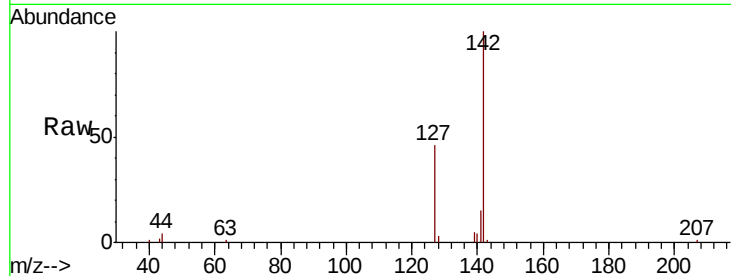




#11
Methvl Iodide
Concen: 18.691 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

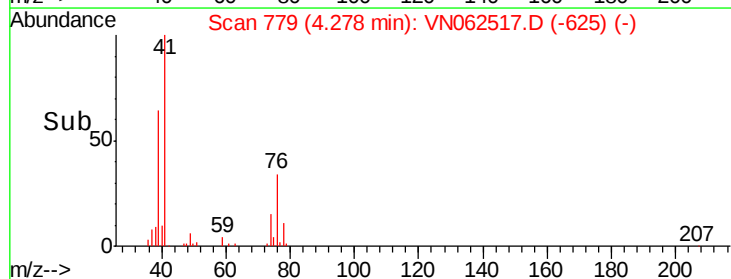
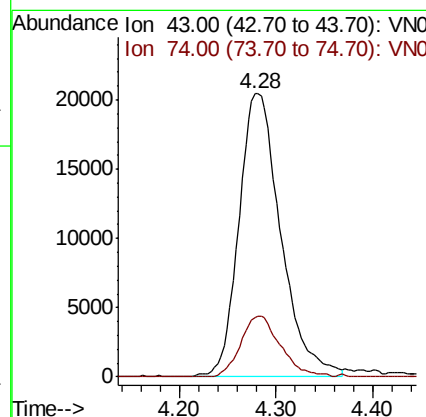
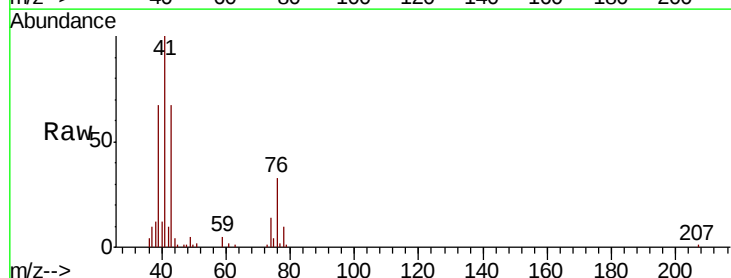
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

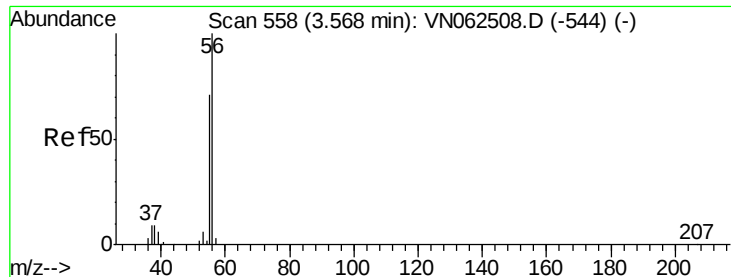
Tot Ion:142 Resp: 51950
Ion Ratio Lower Upper
142 100
127 46.3 22.1 66.5
141 15.3 6.5 19.4



#12
Methyl Acetate
Concen: 20.283 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 43 Resp: 61738
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1





#13

Acrolein

Concen: 101.317 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

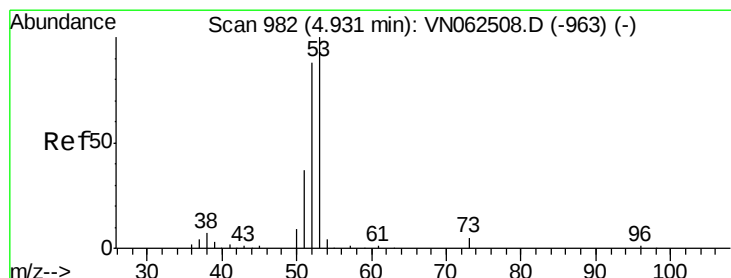
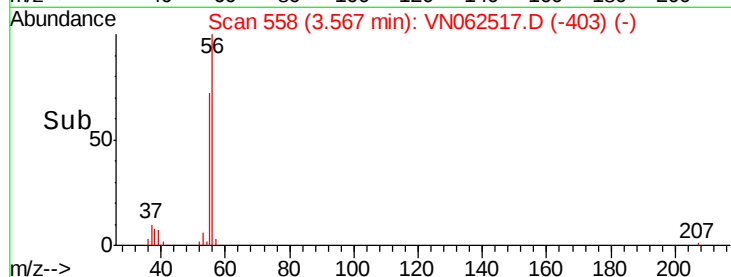
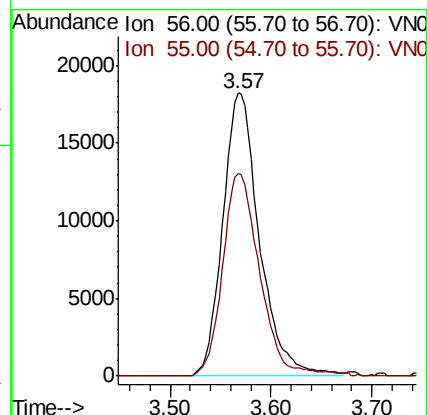
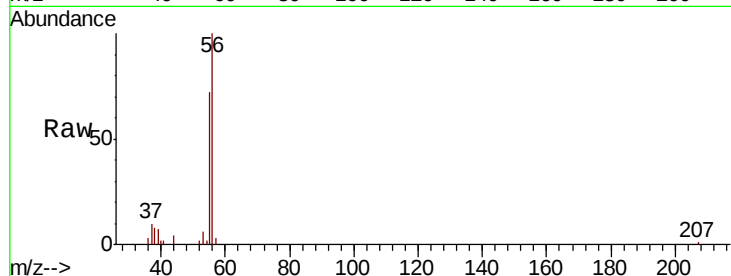
VN0713WBSD01

Tot Ion: 56 Resp: 46077

Ion Ratio Lower Upper

56 100

55 70.7 56.0 84.0



#14

Acrylonitrile

Concen: 96.588 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

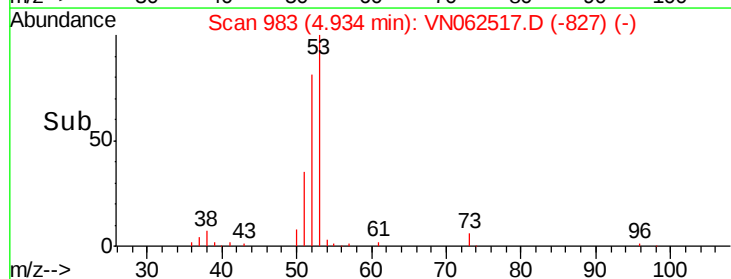
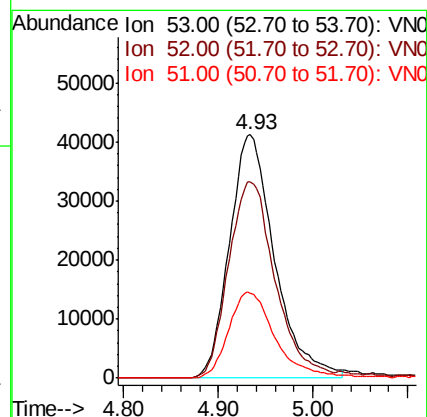
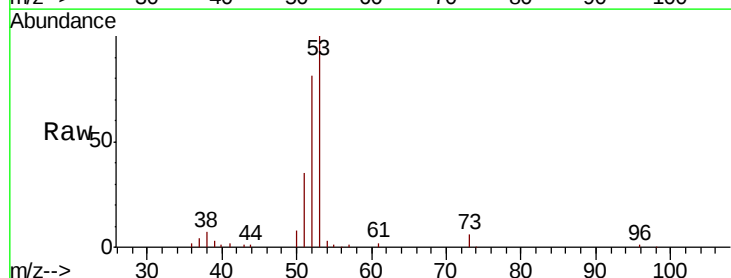
Tgt Ion: 53 Resp: 136734

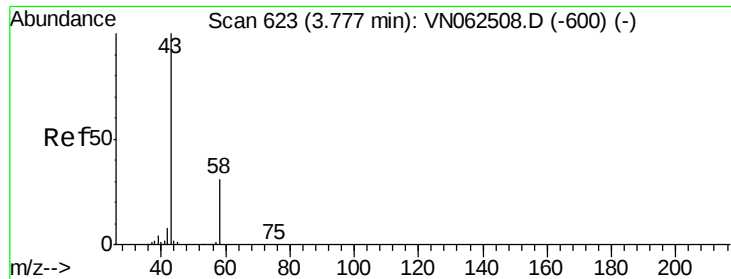
Ion Ratio Lower Upper

53 100

52 83.1 41.8 125.4

51 36.1 18.5 55.5





#15

Acetone

Concen: 83.593 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

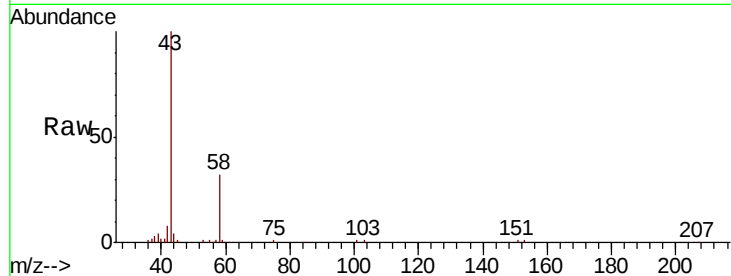
VN0713WBSD01

Tot Ion: 58 Resp: 36327

Ion Ratio Lower Upper

58 100

43 311.6 261.1 391.7



Abundance Ion 58.00 (57.70 to 58.70): VN062517.D (-540) (-)

Ion 43.00 (42.70 to 43.70): VN062517.D (-540) (-)

50000

40000

30000

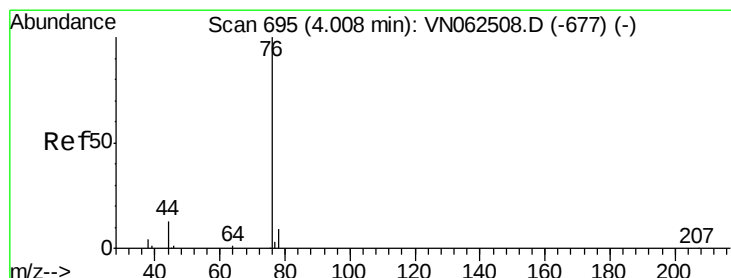
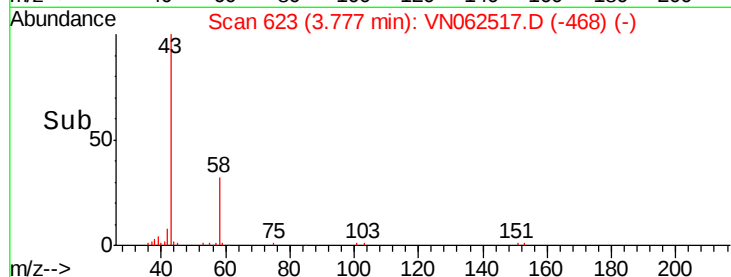
20000

10000

0

3.70 3.80 3.90

Time-->



#16

Carbon Disulfide

Concen: 18.474 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062517.D

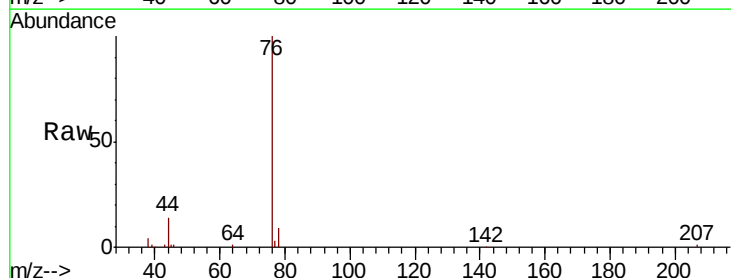
Acq: 13 Jul 2020 15:34

Tgt Ion: 76 Resp: 136635

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN062517.D (-540) (-)

Ion 78.00 (77.70 to 78.70): VN062517.D (-540) (-)

60000

50000

40000

30000

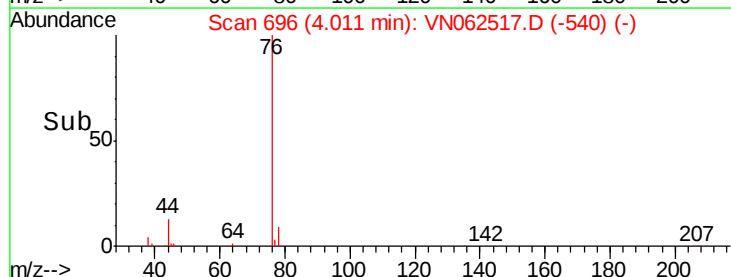
20000

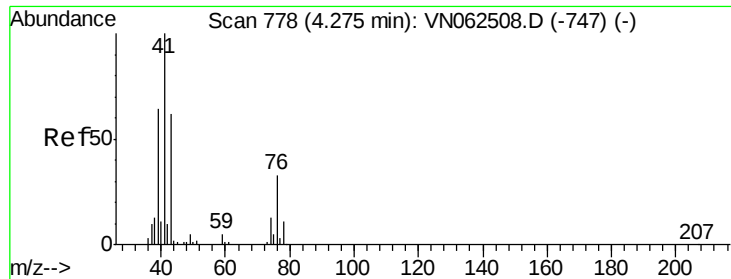
10000

0

3.90 4.00 4.10

Time-->





#17

Allvl chloride

Concen: 19.754 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

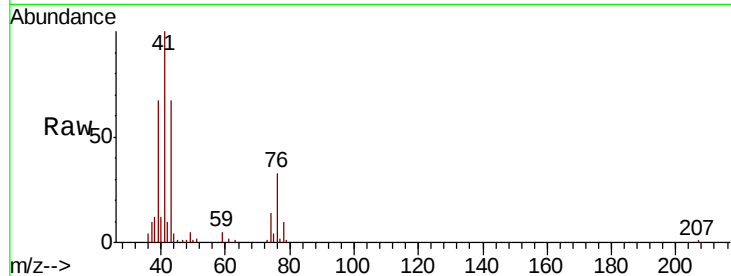
Tot Ion: 41 Resp: 95350

Ion Ratio Lower Upper

41 100

39 67.2 31.9 95.5

76 32.8 16.6 49.8

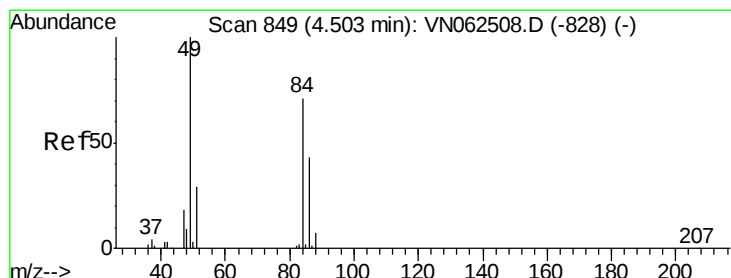
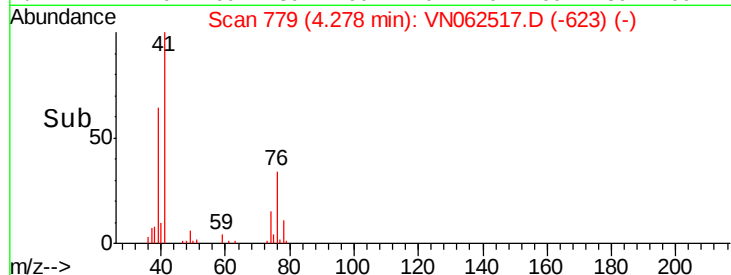
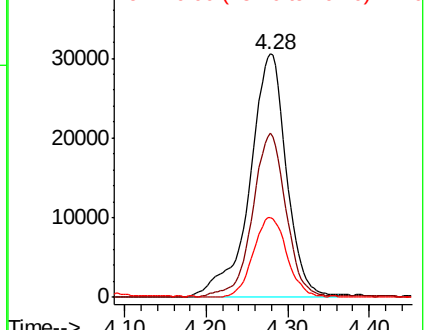


Abundance

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: 19.313 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion: 84 Resp: 53934

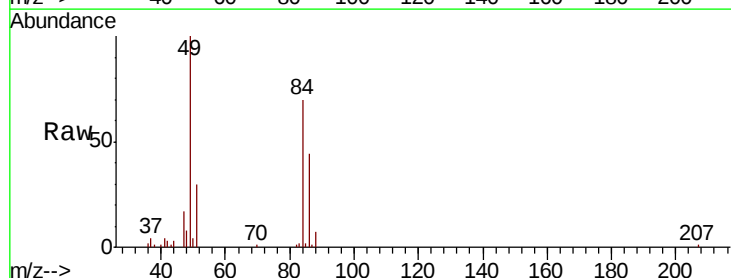
Ion Ratio Lower Upper

84 100

49 143.2 112.1 168.1

51 42.5 33.0 49.4

86 62.3 48.2 72.4



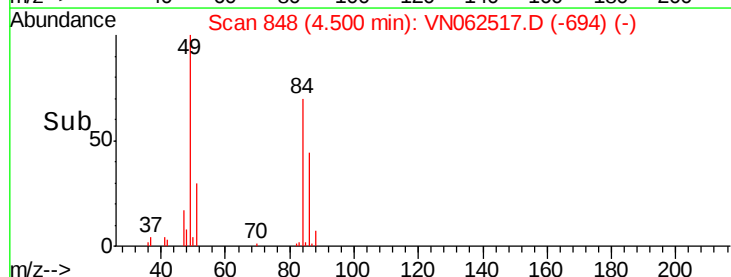
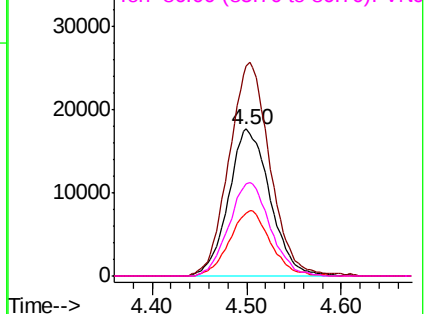
Abundance

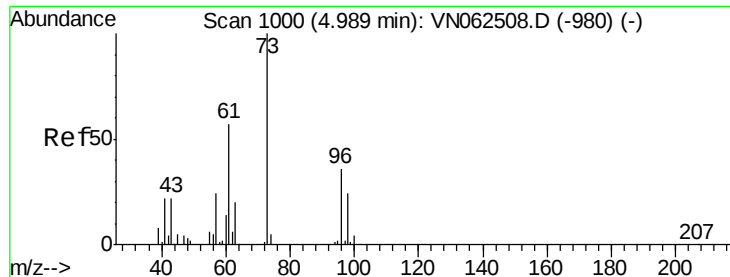
Ion 84.00 (83.70 to 84.70): VN0

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

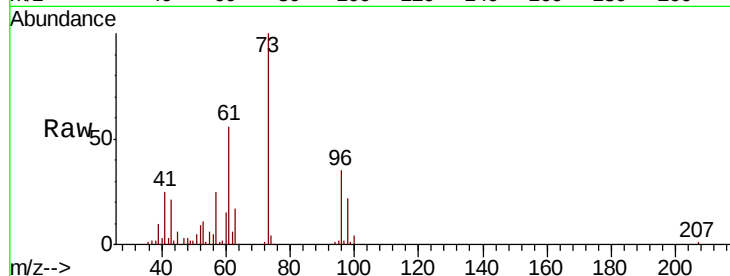




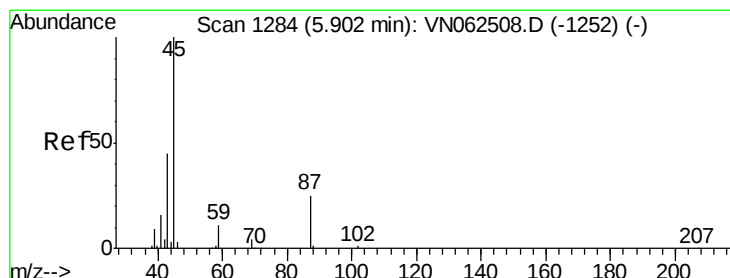
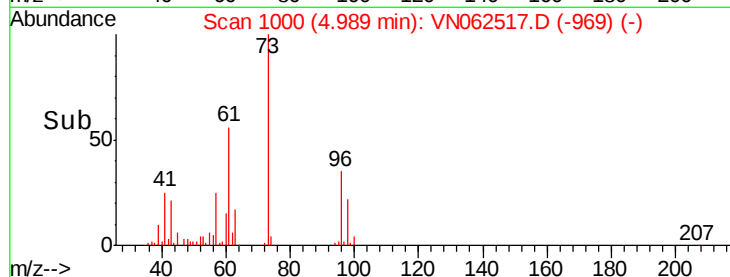
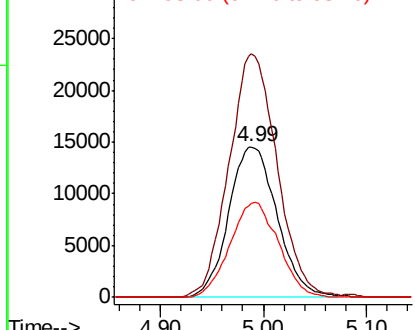
#19
trans-1,2-Dichloroethene
Concen: 18.918 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion: 96 Resp: 47522
Ion Ratio Lower Upper
96 100
61 160.0 125.7 188.5
98 62.5 54.1 81.1

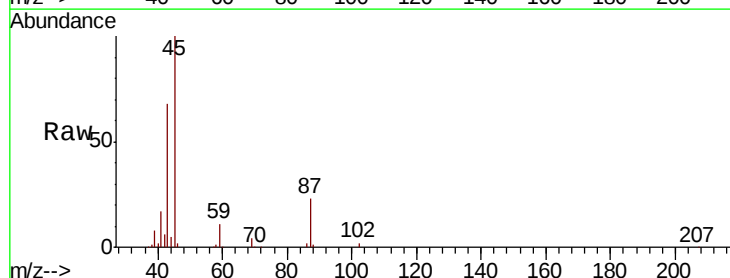


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

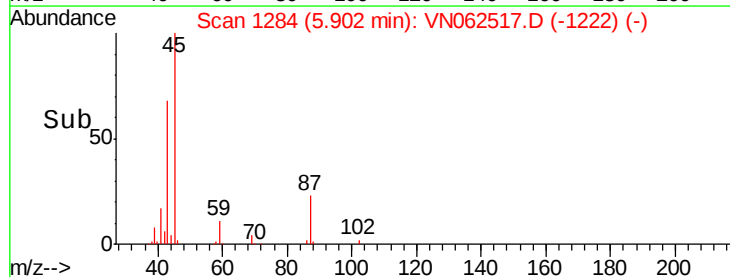
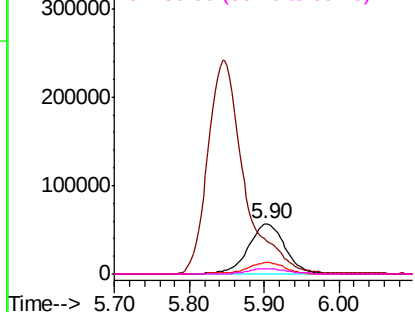


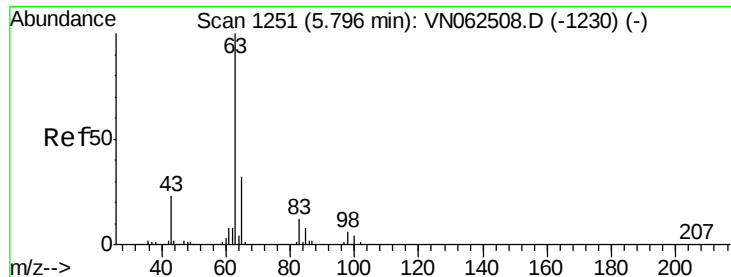
#20
Diisopropyl ether
Concen: 19.605 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 45 Resp: 194535
Ion Ratio Lower Upper
45 100
43 65.4 51.3 76.9
87 23.2 19.8 29.6
59 11.3 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: 19.307 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

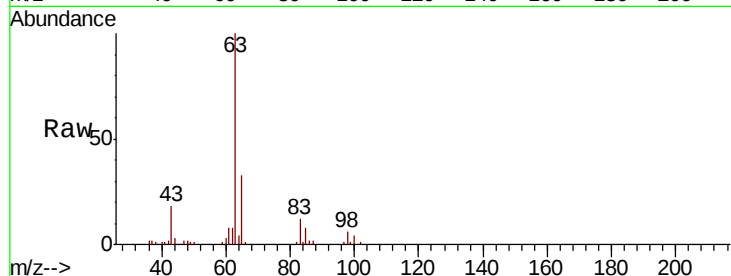
Tot Ion: 63 Resp: 101284

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

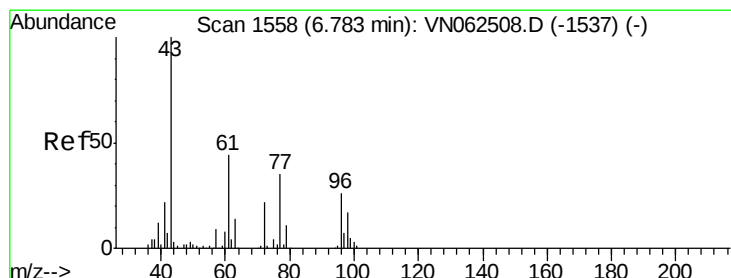
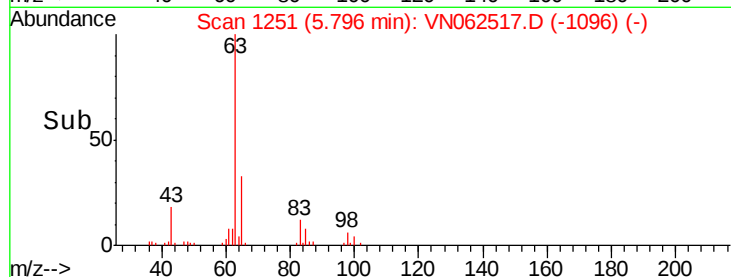
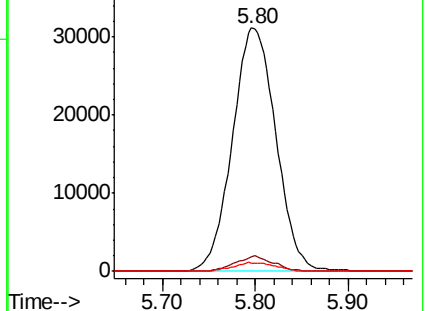
100 3.6 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VN062508.D (-1230) (-)

Ion 98.00 (97.70 to 98.70): VN062508.D (-1230) (-)

Ion 100.00 (99.70 to 100.70): VN062508.D (-1230) (-)



#22

cis-1,2-Dichloroethene

Concen: 19.517 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

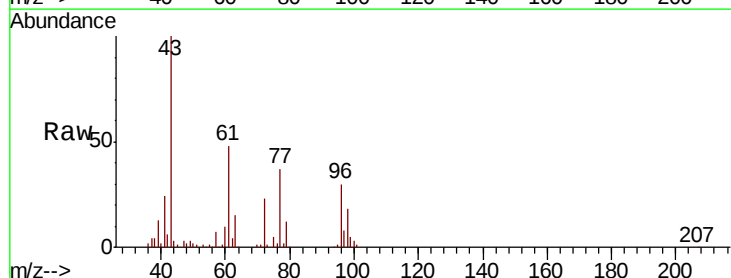
Tgt Ion: 96 Resp: 55289

Ion Ratio Lower Upper

96 100

61 165.8 134.9 202.3

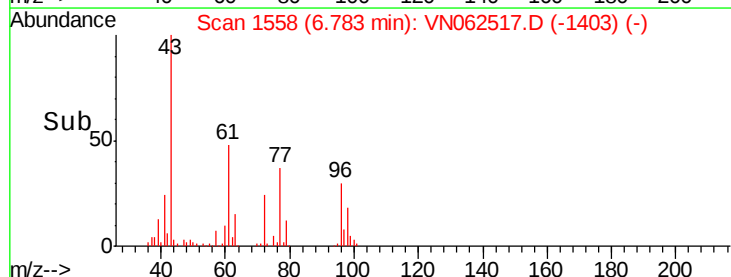
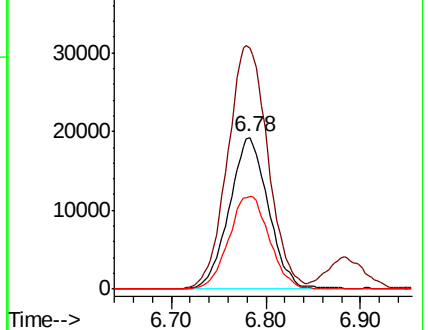
98 63.2 51.5 77.3

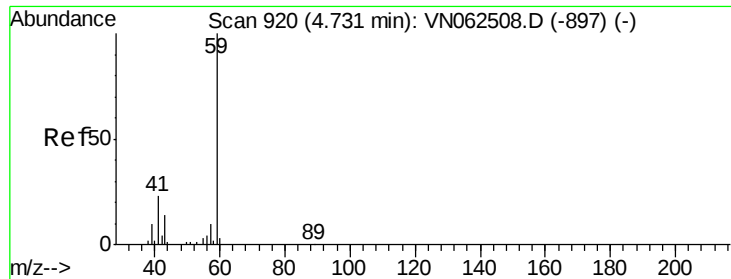


Abundance Ion 96.00 (95.70 to 96.70): VN062508.D (-1537) (-)

Ion 61.00 (60.70 to 61.70): VN062508.D (-1537) (-)

Ion 98.00 (97.70 to 98.70): VN062508.D (-1537) (-)



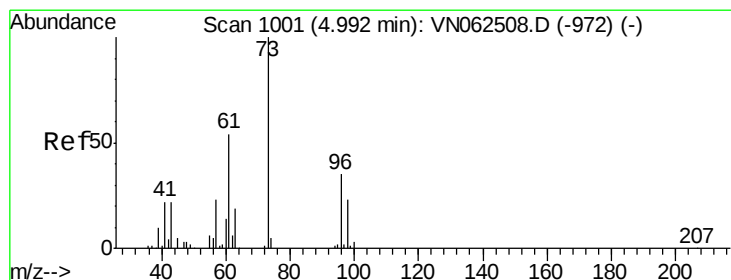
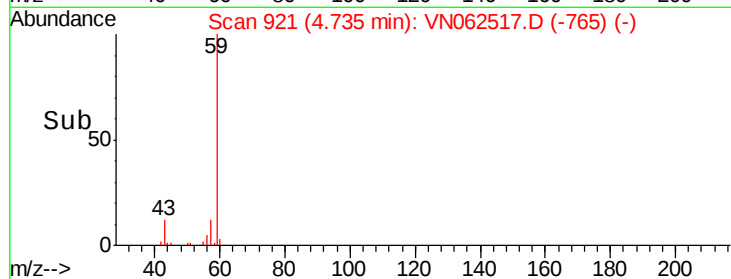
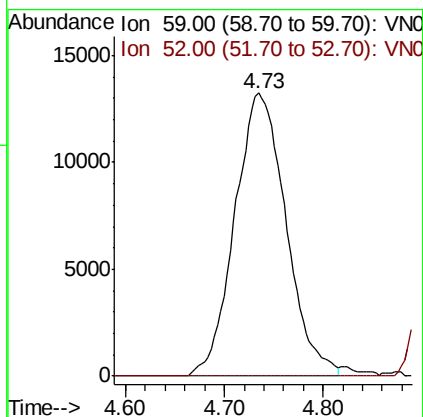
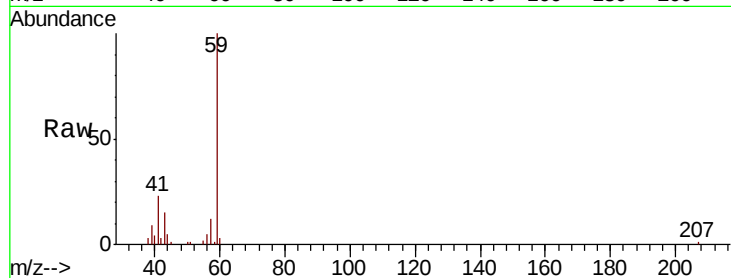


#23

tert-Butyl Alcohol
 Concen: 100.682 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampled :
 VN0713WBSD01

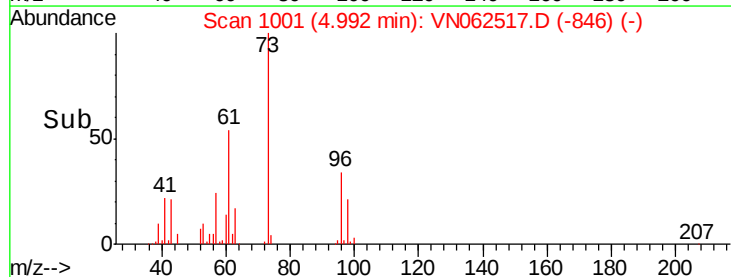
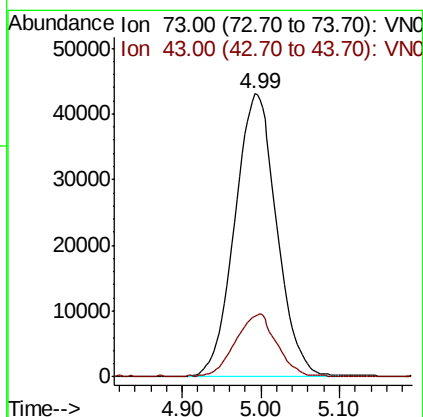
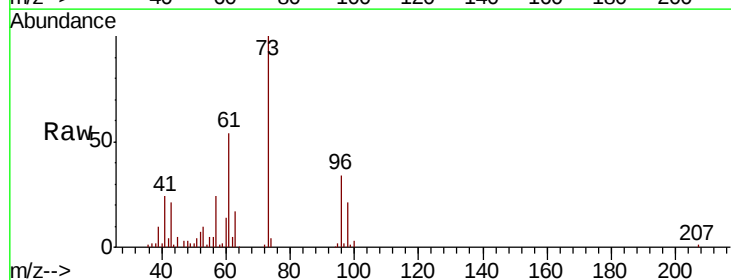
Tot Ion: 59 Resp: 47699
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

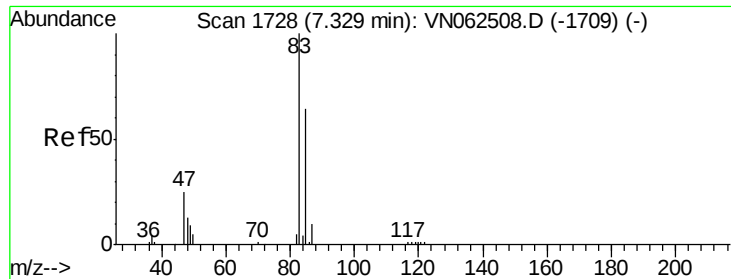


#24

Methyl tert-Butyl Ether
 Concen: 19.277 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion: 73 Resp: 161303
 Ion Ratio Lower Upper
 73 100
 43 21.3 16.9 25.3





#25

Chloroform

Concen: 19.220 ug/l

RT: 7.33 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

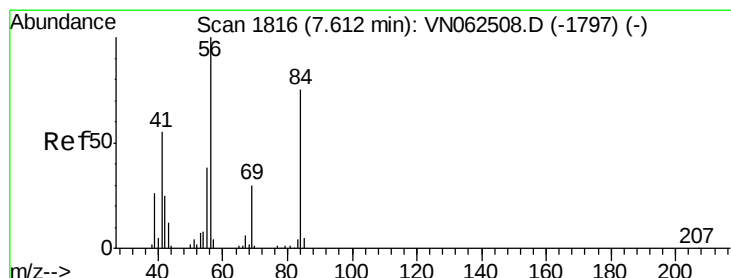
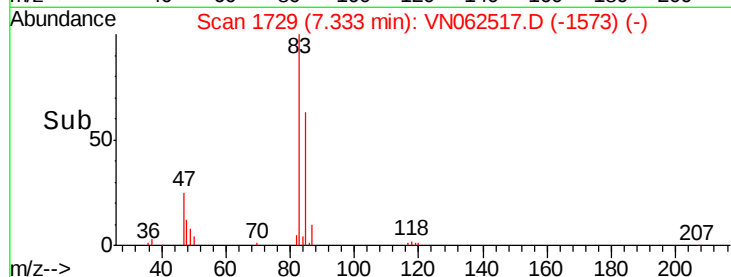
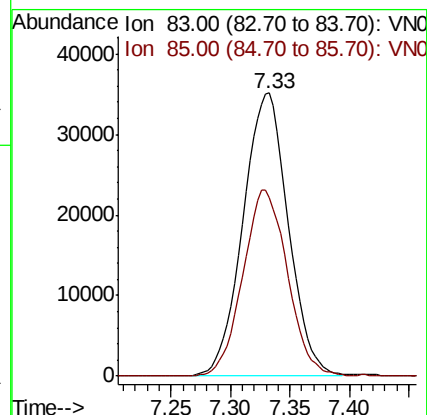
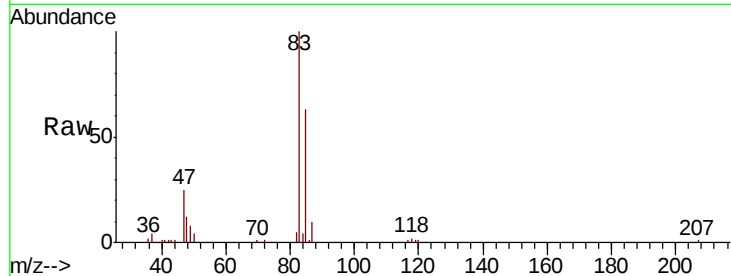
VN0713WBSD01

Tot Ion: 83 Resp: 92465

Ion Ratio Lower Upper

83 100

85 62.8 51.0 76.4



#26

Cyclohexane

Concen: 18.968 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

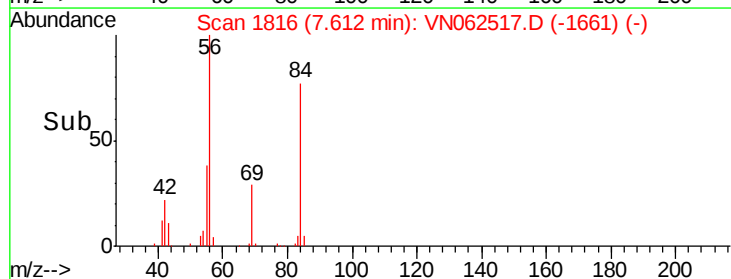
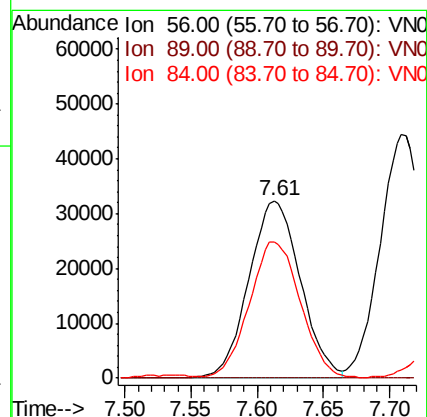
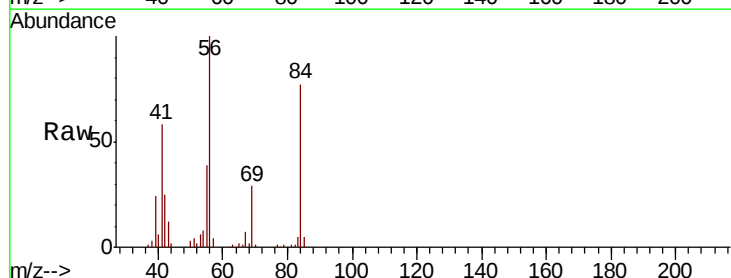
Tgt Ion: 56 Resp: 87705

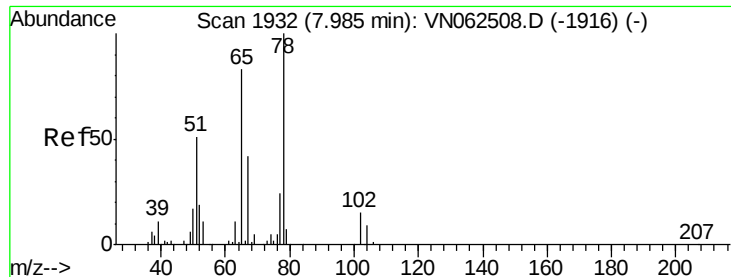
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 76.6 61.1 91.7





#27

1,2-Dichloroethane-d4

Concen: 29.631 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

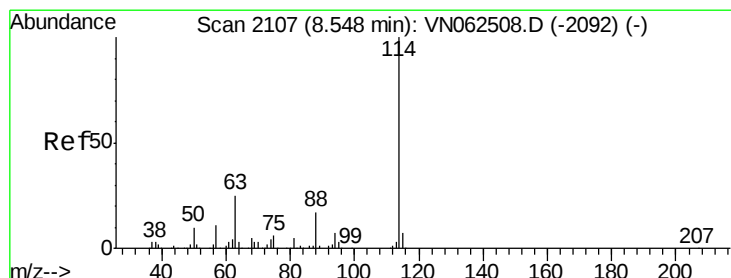
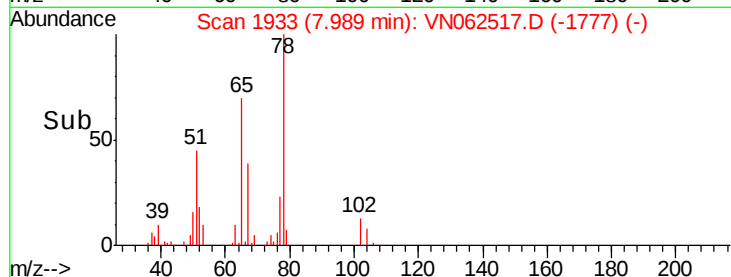
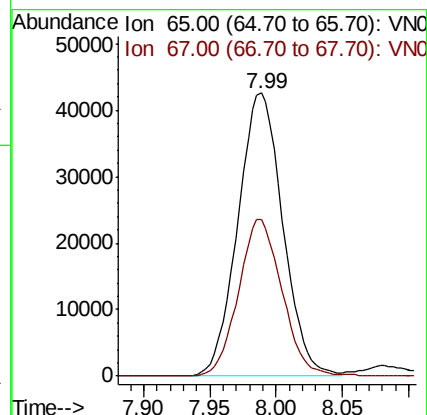
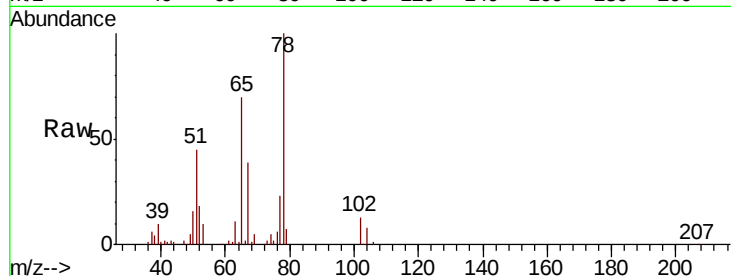
VN0713WBSD01

Tot Ion: 65 Resp: 100325

Ion Ratio Lower Upper

65 100

67 53.4 41.7 62.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

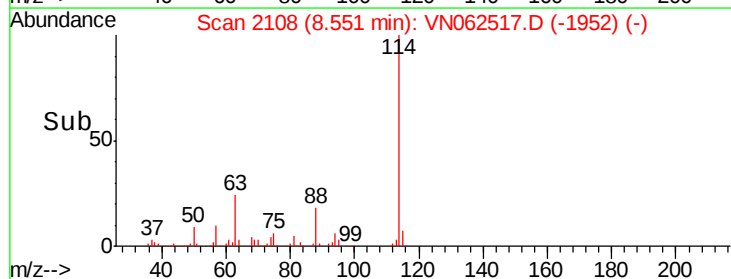
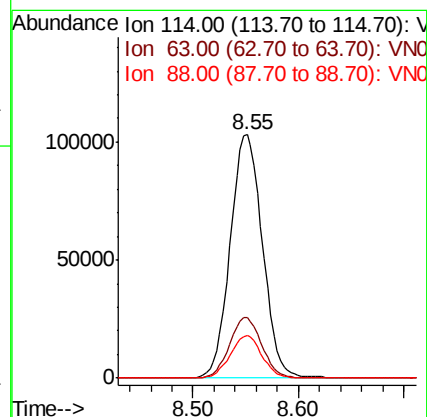
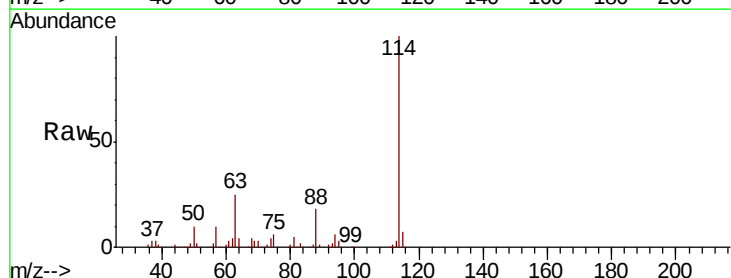
Tgt Ion: 114 Resp: 218317

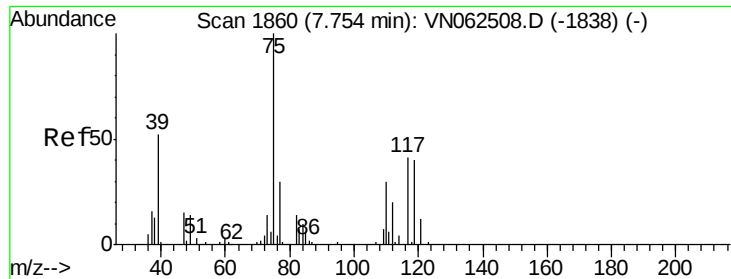
Ion Ratio Lower Upper

114 100

63 24.7 19.4 29.0

88 17.2 13.5 20.3

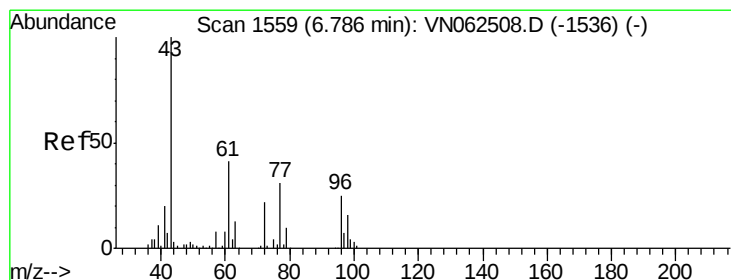
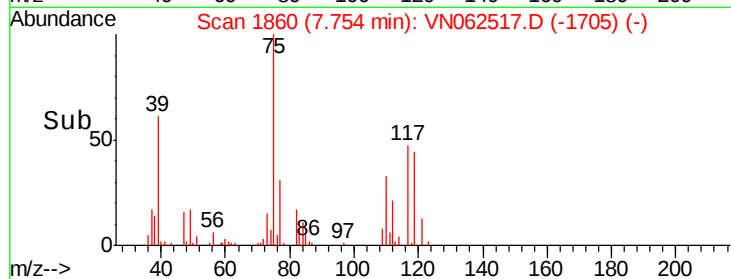
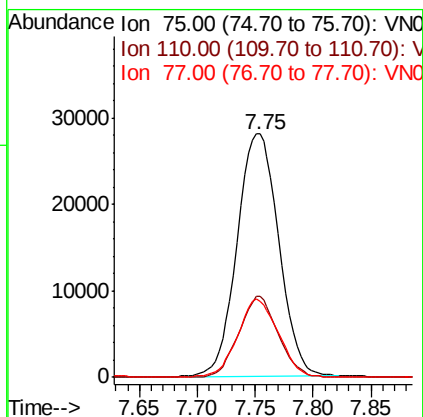
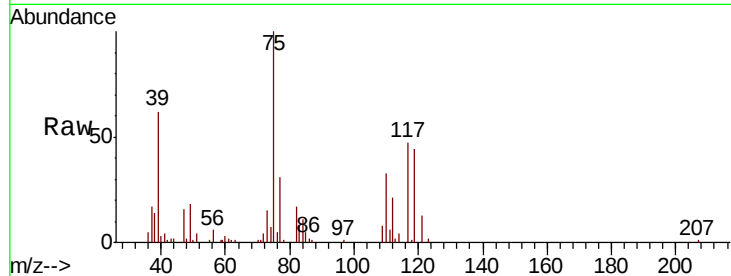




#29
 1,1-Dichloropropene
 Concen: 18.999 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

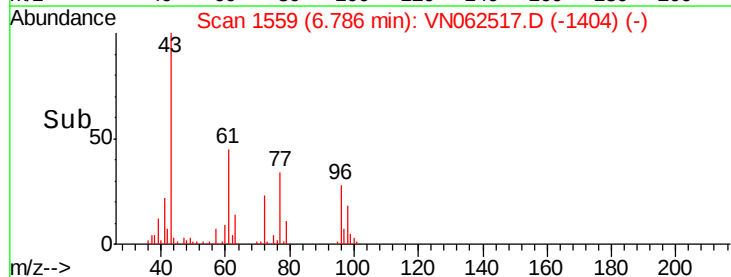
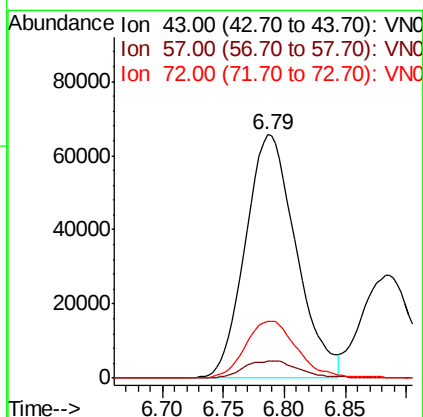
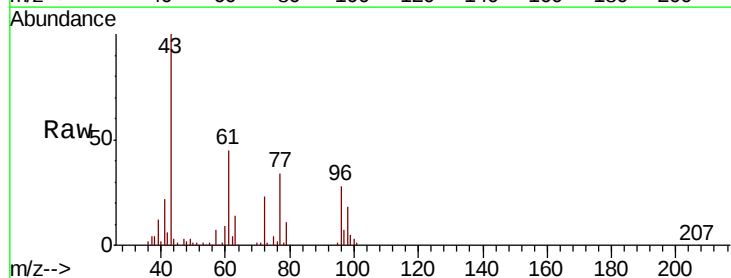
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

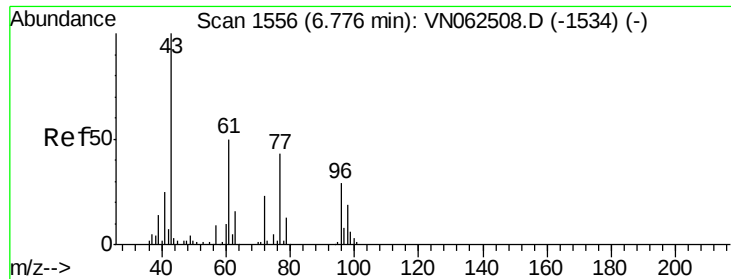
Tot Ion	Ratio	Lower	Upper
75	100		
110	31.5	0.0	62.4
77	31.3	0.0	62.8



#30
 2-Butanone
 Concen: 96.571 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.6	9.8#
72	23.6	18.5	27.7





#31

2,2-Dichloropropane

Concen: 19.107 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampled :

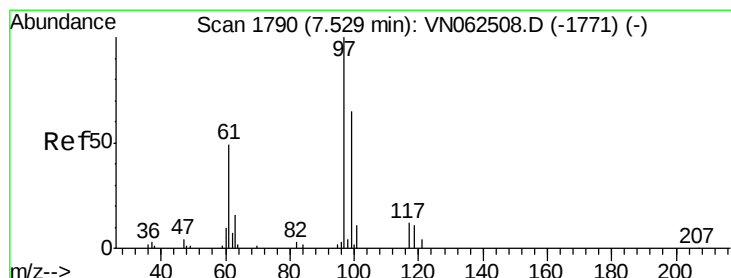
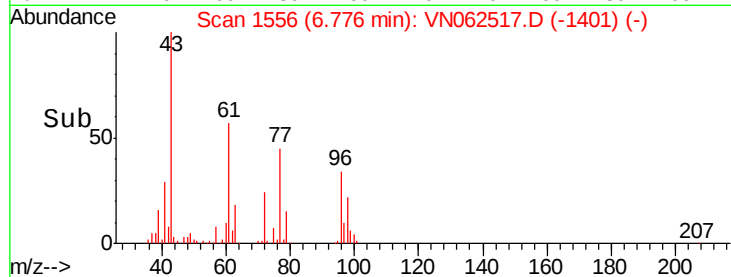
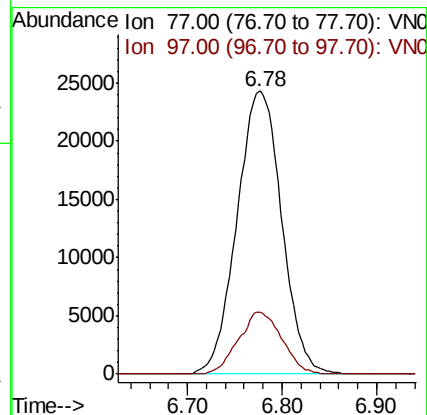
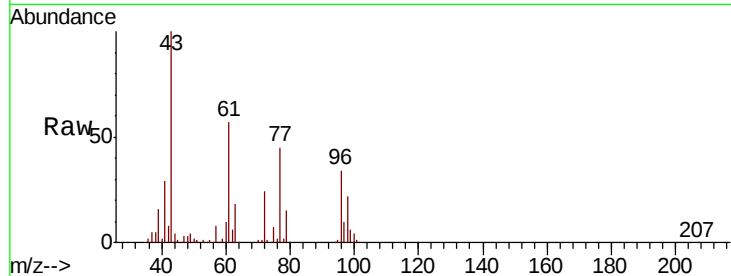
VN0713WBSD01

Tot Ion: 77 Resp: 79783

Ion Ratio Lower Upper

77 100

97 21.3 8.6 12.8#



#32

1,1,1-Trichloroethane

Concen: 19.509 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

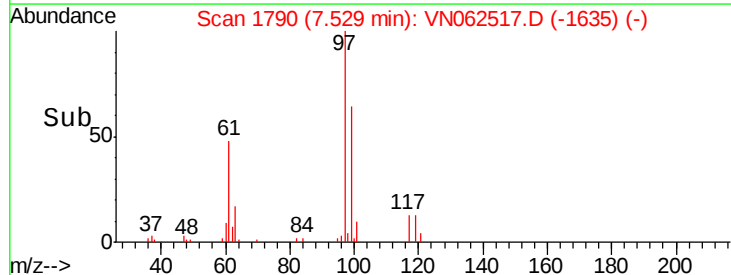
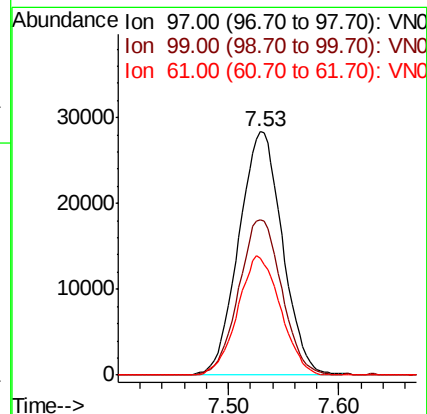
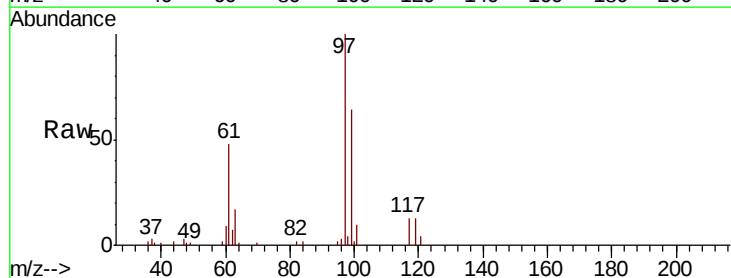
Tgt Ion: 97 Resp: 77649

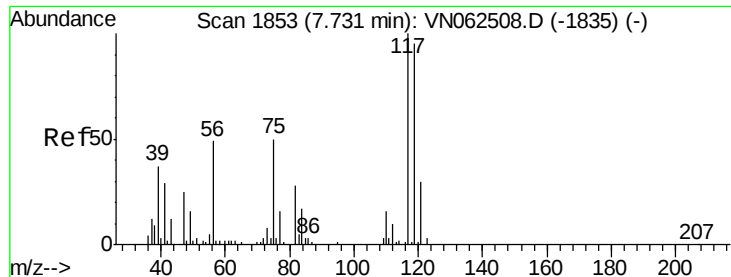
Ion Ratio Lower Upper

97 100

99 63.0 51.8 77.8

61 48.0 39.4 59.0

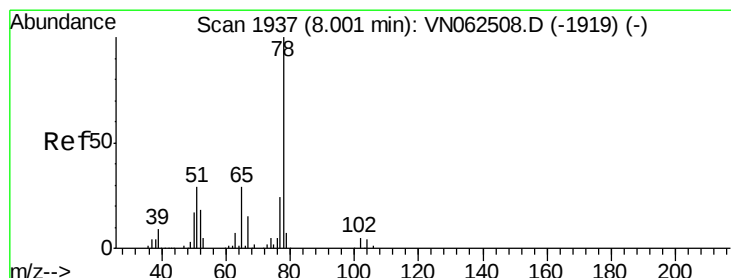
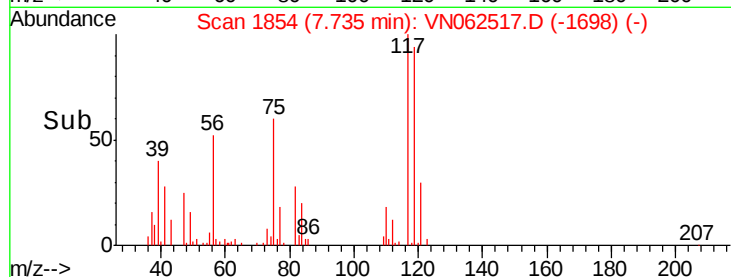
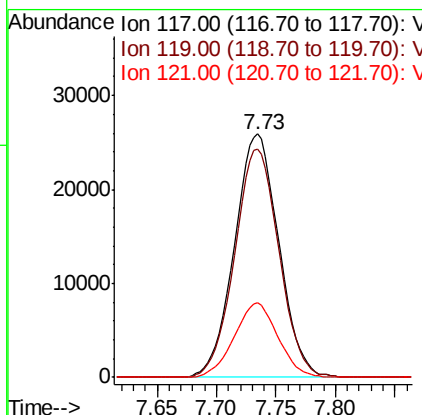
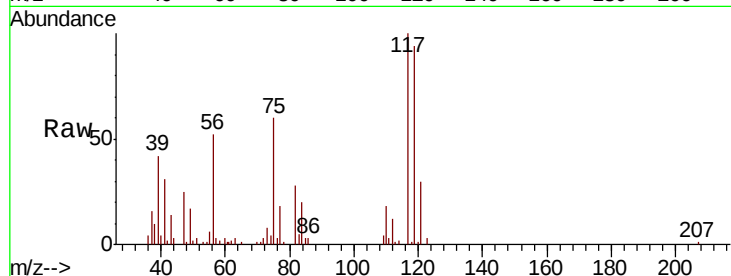




#33
Carbon Tetrachloride
Concen: 19.354 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

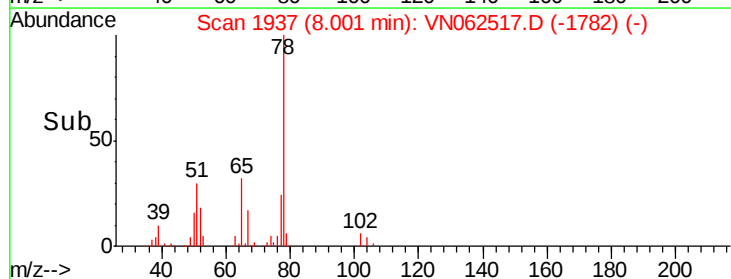
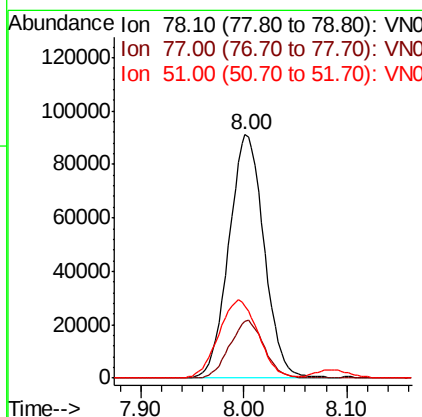
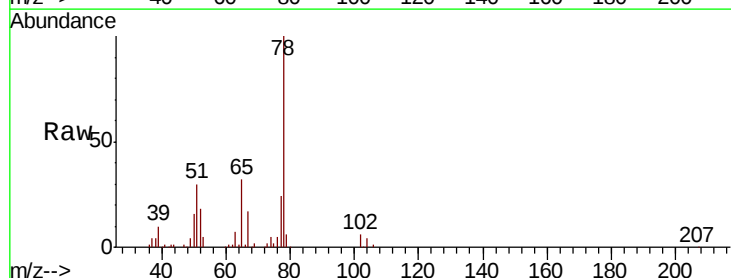
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

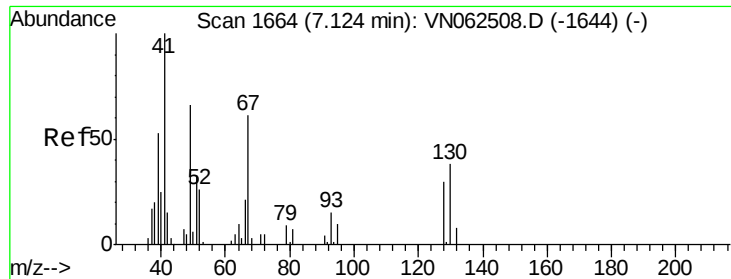
Tot Ion:117 Resp: 66776
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.4
121 30.4 23.8 35.6



#34
Benzene
Concen: 19.676 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 78 Resp: 216466
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 29.1 23.1 34.7

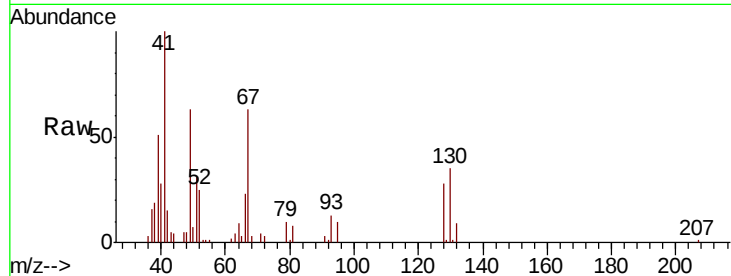




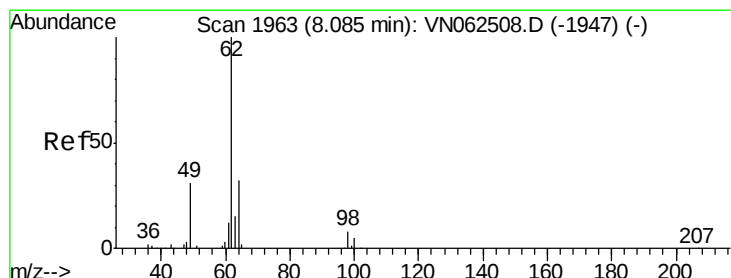
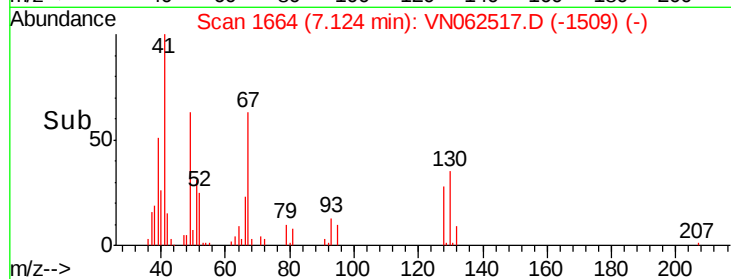
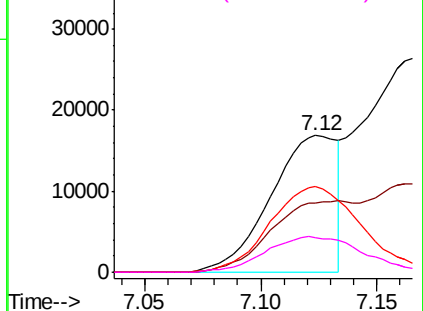
#35
Methacrylonitrile
Concen: 19.567 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion:	41	Resp:	33756
Ion	Ratio	Lower	Upper
41	100		
39	51.0	26.5	79.5
67	62.9	30.7	92.1
52	25.4	13.0	39.0

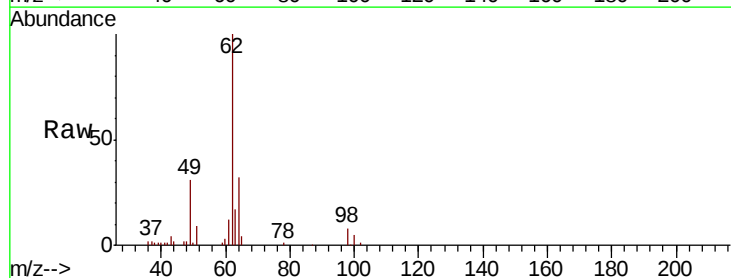


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

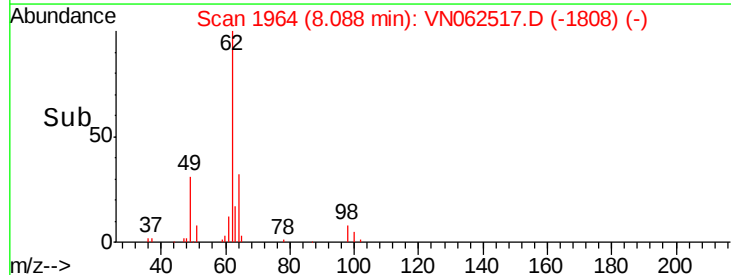
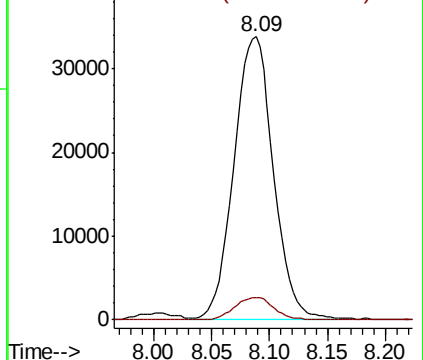


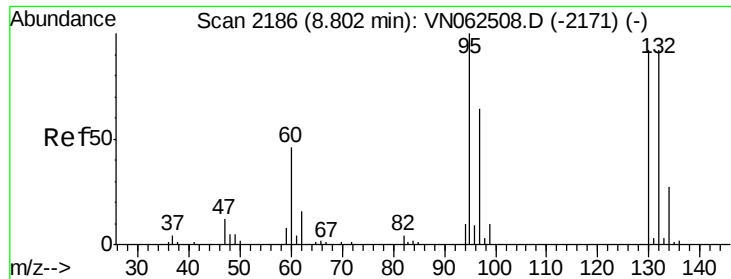
#36
1,2-Dichloroethane
Concen: 20.213 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion:	62	Resp:	79929
Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.6	9.8



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

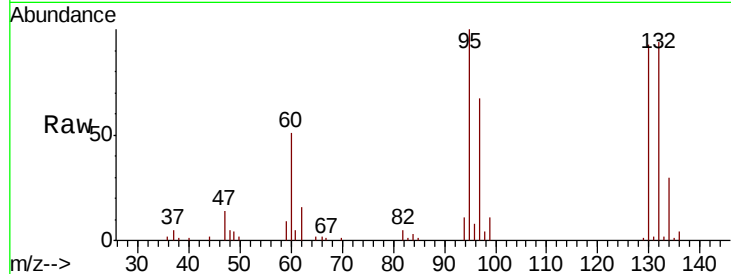




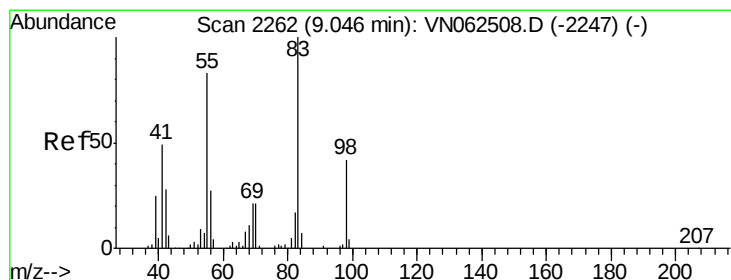
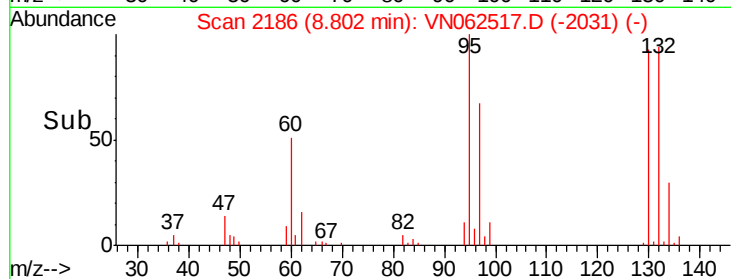
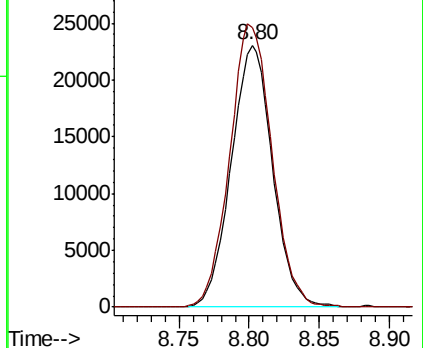
#37
 Trichloroethene
 Concen: 19.150 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Tot Ion:130 Resp: 47322
 Ion Ratio Lower Upper
 130 100
 95 106.4 86.5 129.7

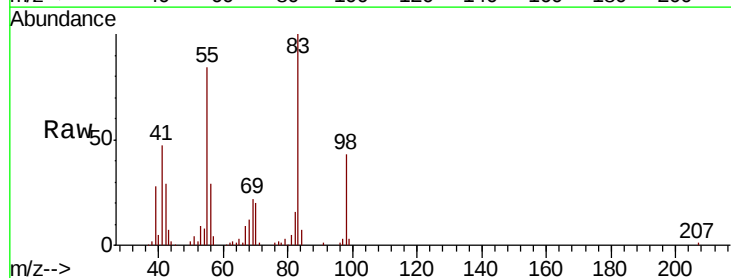


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

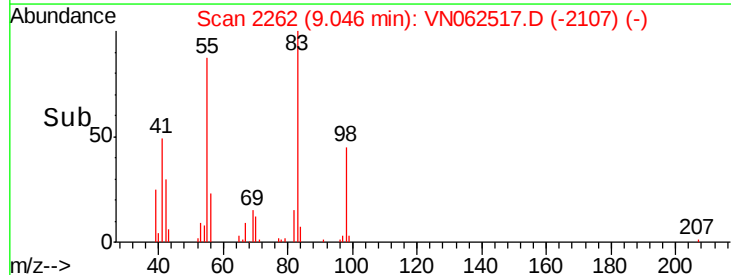
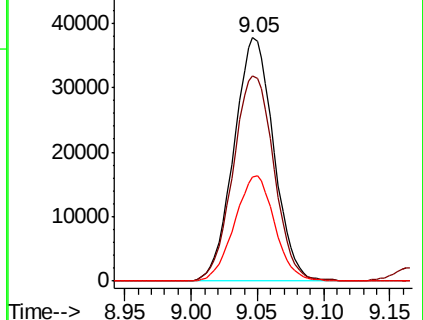


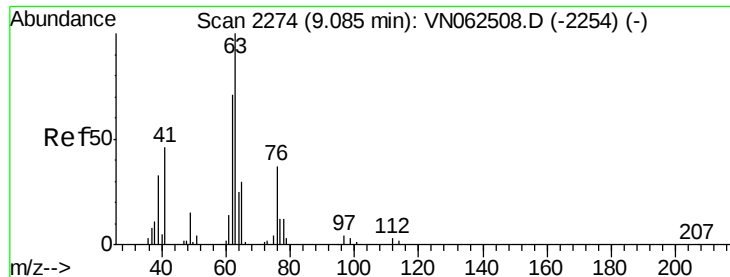
#38
 Methylcyclohexane
 Concen: 18.932 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion: 83 Resp: 78649
 Ion Ratio Lower Upper
 83 100
 55 86.4 42.8 128.3
 98 43.6 21.9 65.7



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 55.00 (54.70 to 55.70): VN
 Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 19.140 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

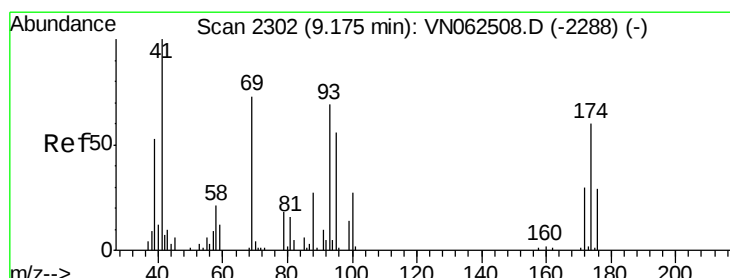
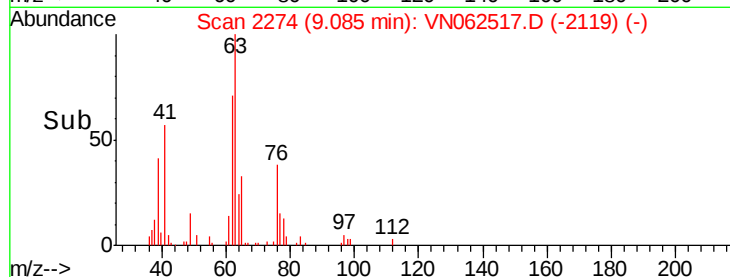
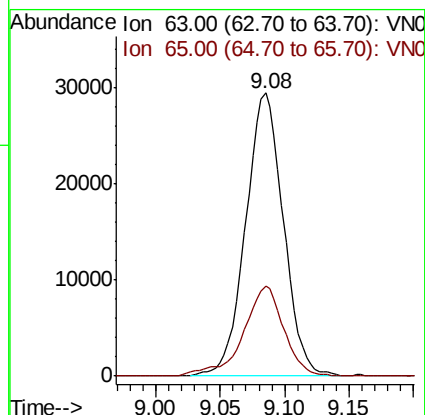
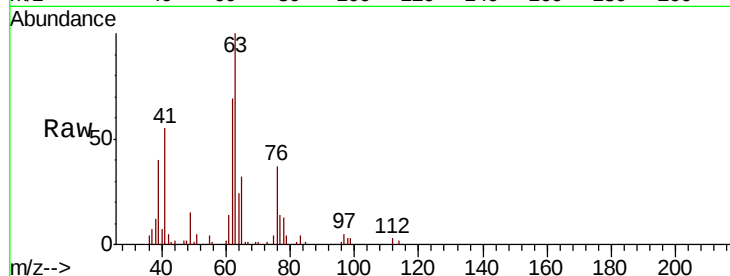
VN0713WBSD01

Tot Ion: 63 Resp: 59991

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.4



#40

Dibromomethane

Concen: 20.231 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

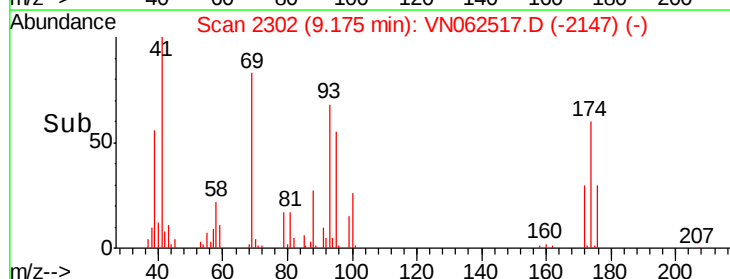
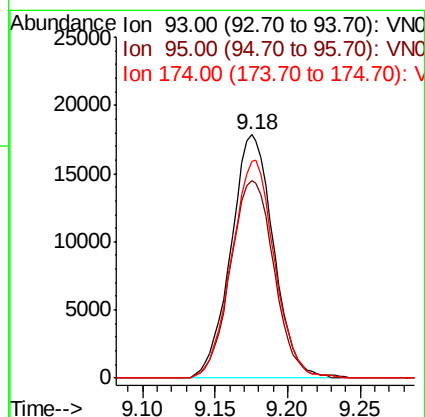
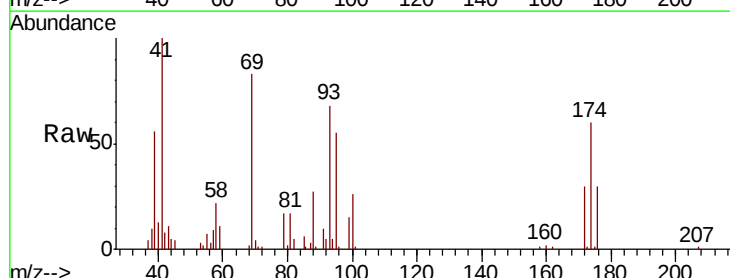
Tgt Ion: 93 Resp: 36544

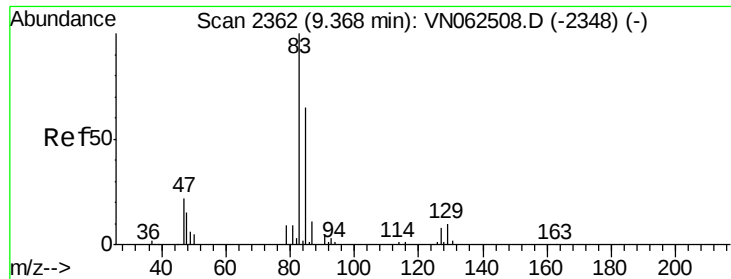
Ion Ratio Lower Upper

93 100

95 82.8 0.0 161.2

174 89.9 0.0 178.0

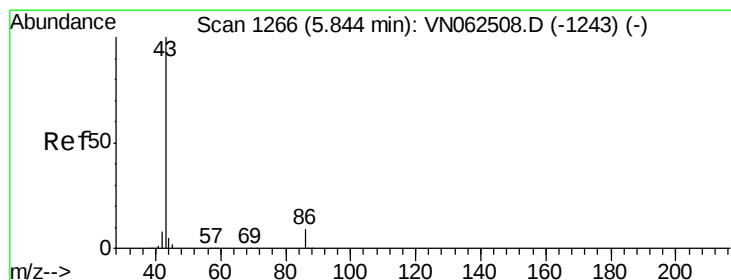
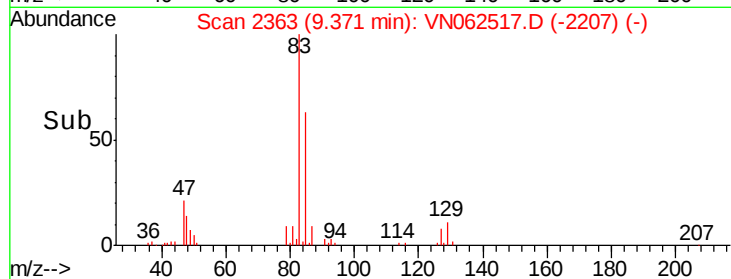
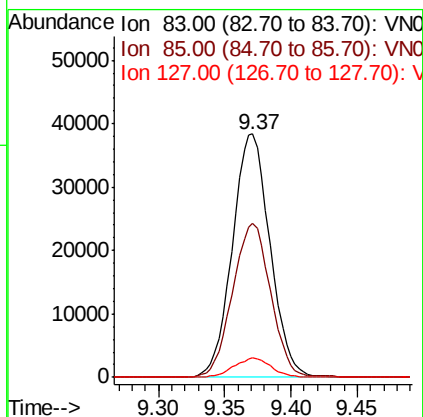
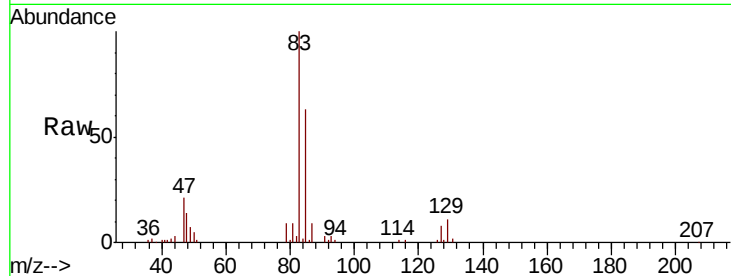




#41
 Bromodichloromethane
 Concen: 19.770 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

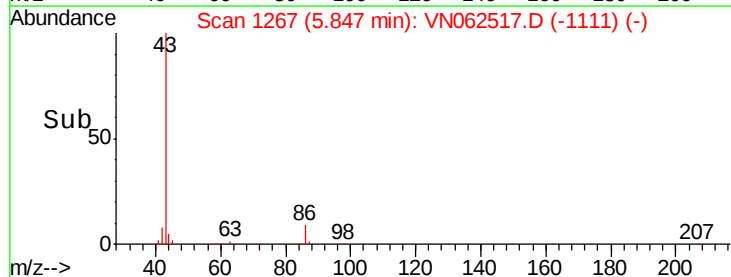
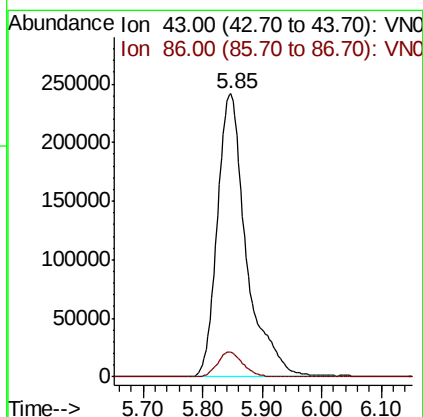
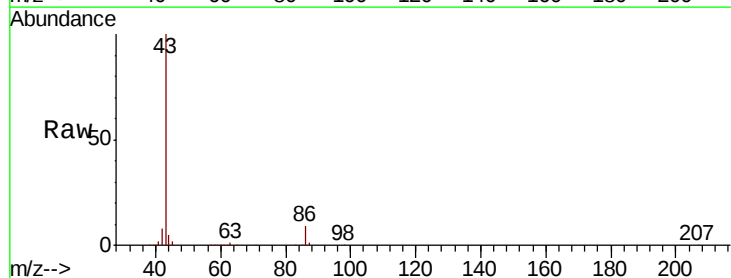
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

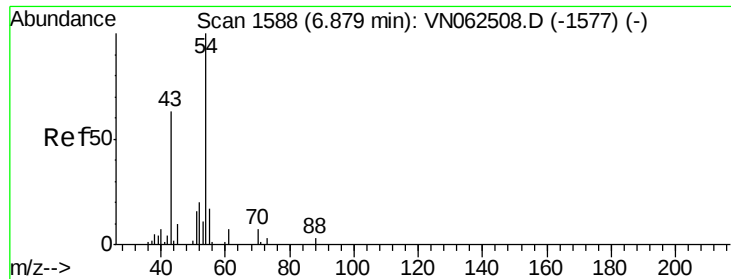
Tot Ion: 83 Resp: 75744
 Ion Ratio Lower Upper
 83 100
 85 63.5 51.6 77.4
 127 8.0 6.3 9.5



#42
 Vinyl Acetate
 Concen: 100.402 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion: 43 Resp: 819391
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.1 9.1

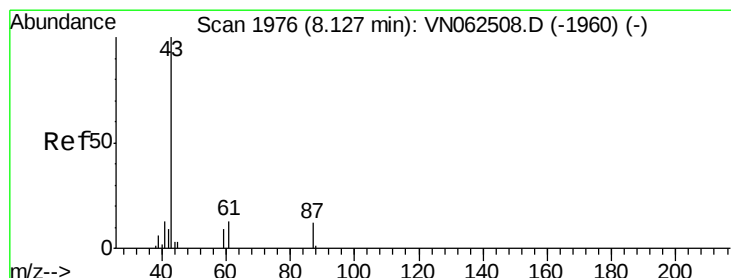
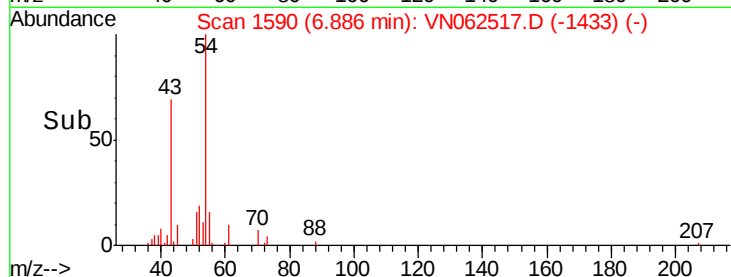
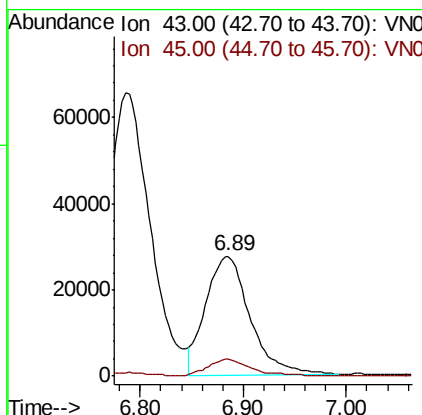
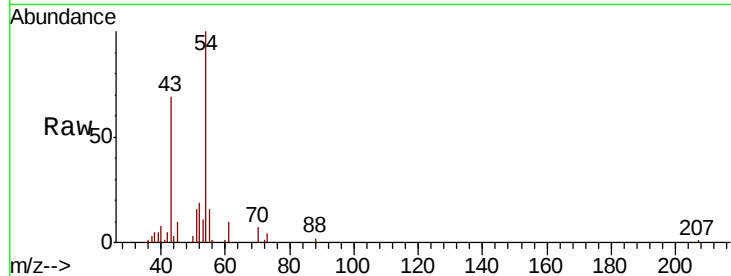




#43
Ethyl Acetate
Concen: 21.112 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

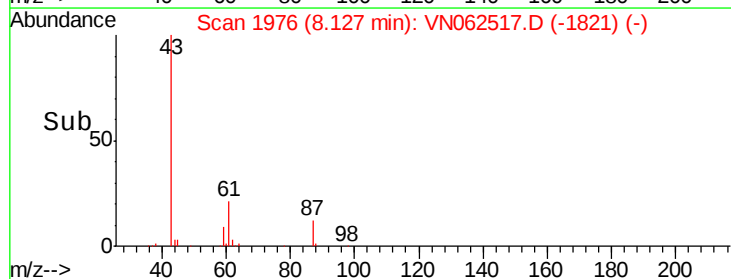
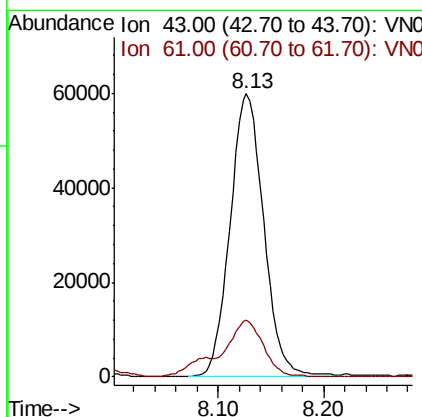
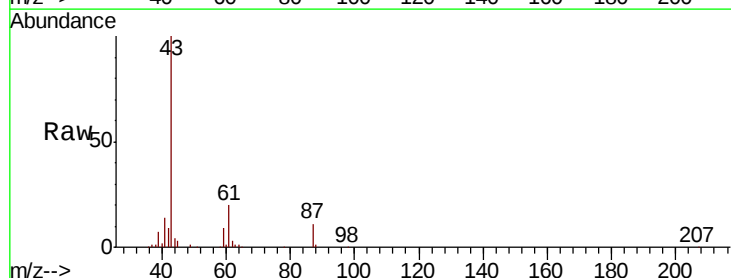
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

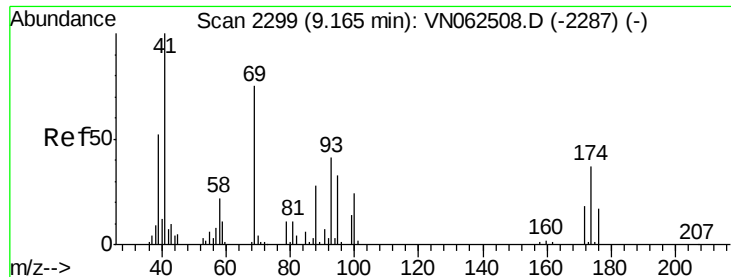
Tot Ion: 43 Resp: 83360
Ion Ratio Lower Upper
43 100
45 14.1 10.2 15.4



#44
Isopropyl Acetate
Concen: 20.069 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 43 Resp: 132954
Ion Ratio Lower Upper
43 100
61 20.2 14.7 22.1

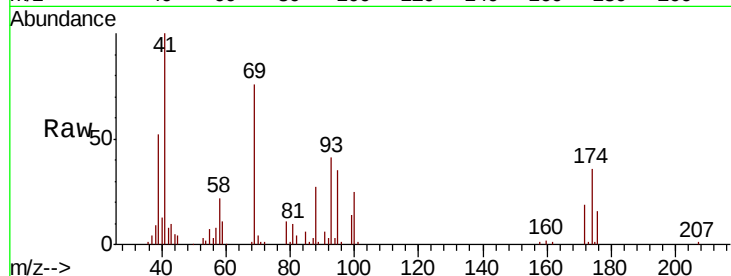




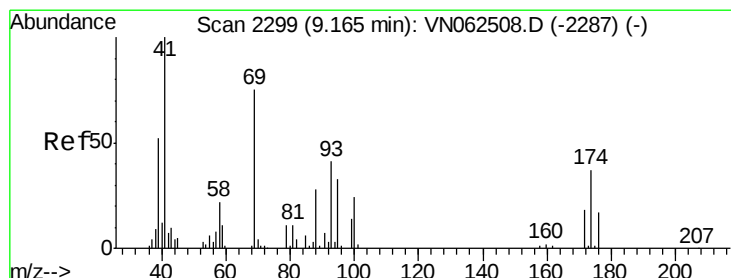
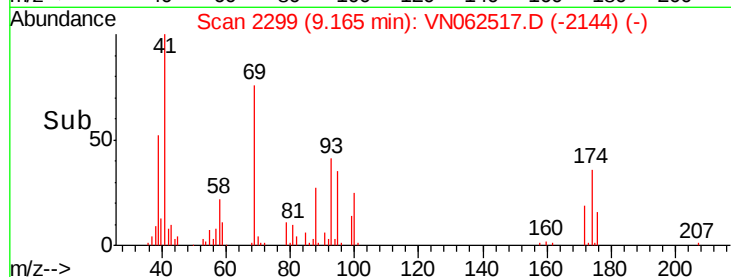
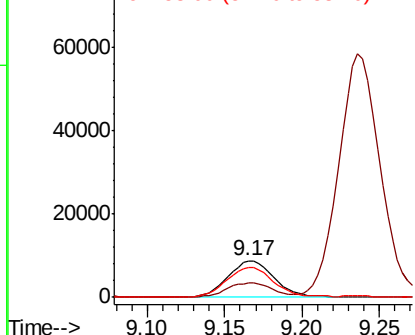
#45
1,4-Dioxane
Concen: 401.372 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampled :
VN0713WBSD01

Tot Ion: 88 Resp: 18189
Ion Ratio Lower Upper
88 100
43 40.2 29.2 43.8
58 83.3 62.2 93.4

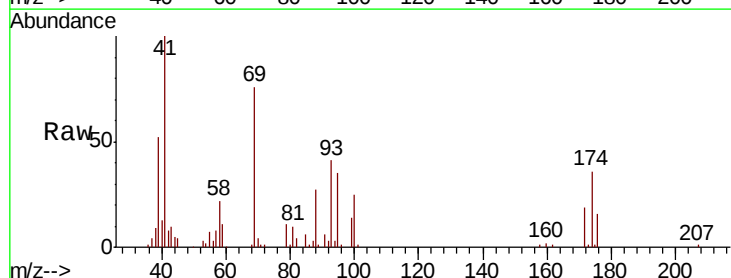


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

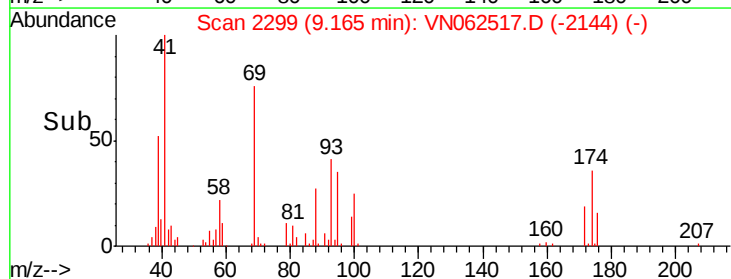
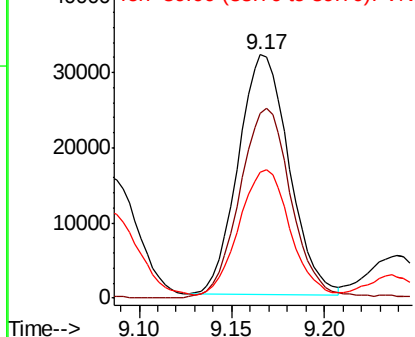


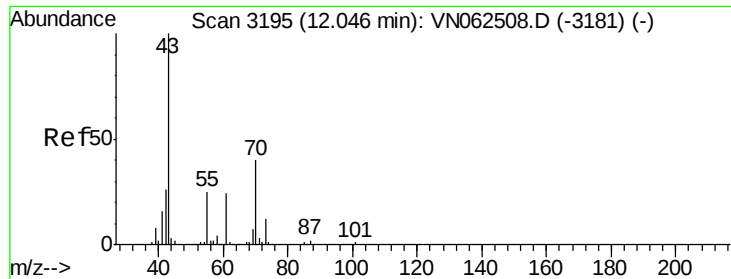
#46
Methyl methacrylate
Concen: 19.442 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 41 Resp: 61102
Ion Ratio Lower Upper
41 100
69 76.5 37.4 112.2
39 50.8 25.9 77.6



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

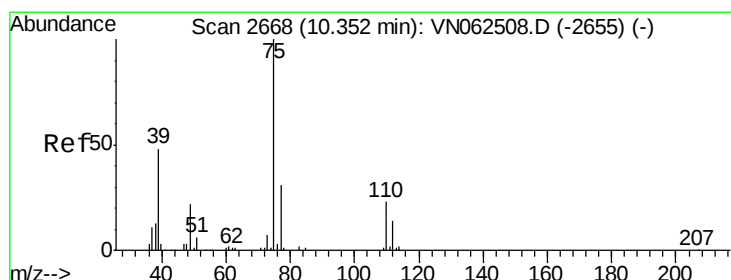
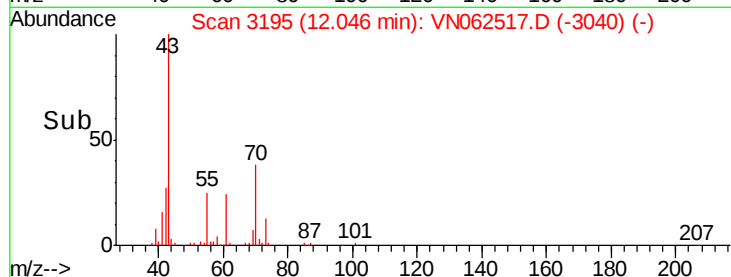
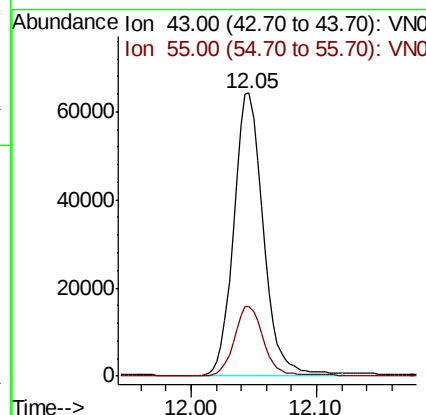
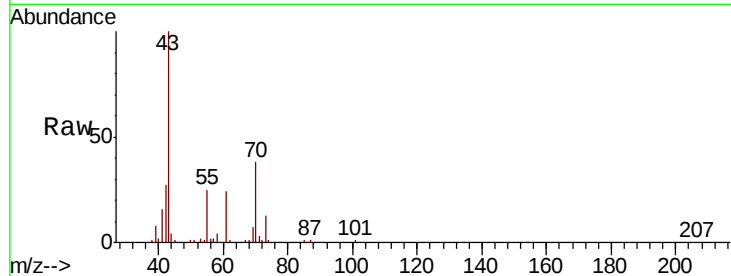




#47
n-amyl Acetate
Concen: 18.963 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

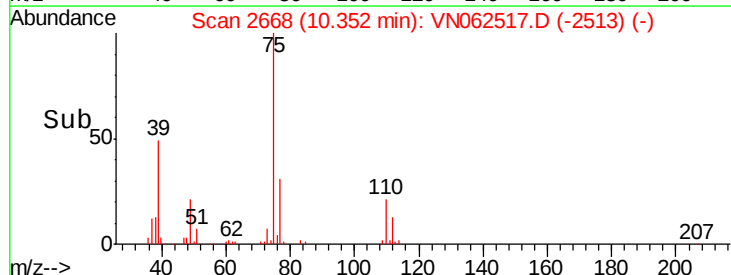
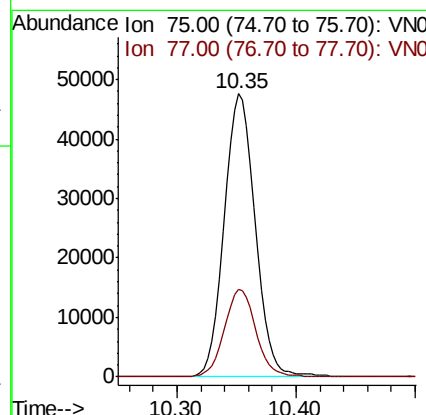
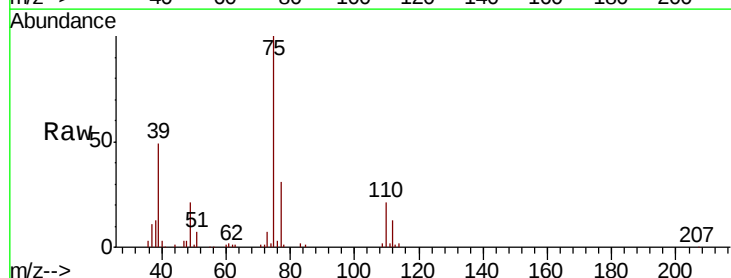
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

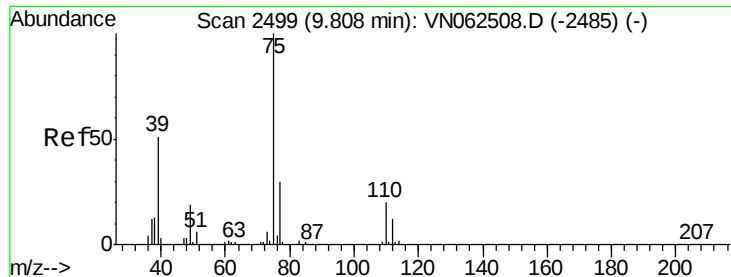
Tot Ion: 43 Resp: 105894
Ion Ratio Lower Upper
43 100
55 24.1 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 19.262 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 75 Resp: 86078
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



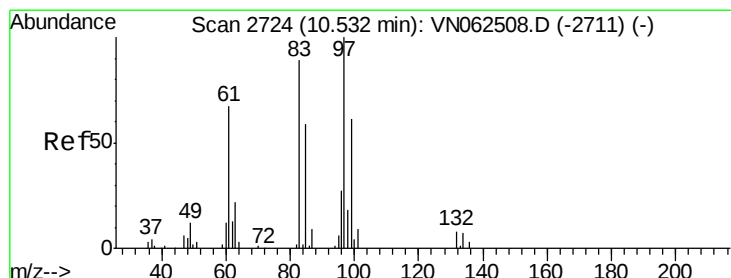
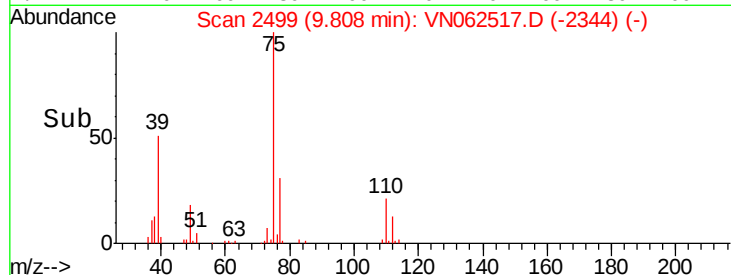
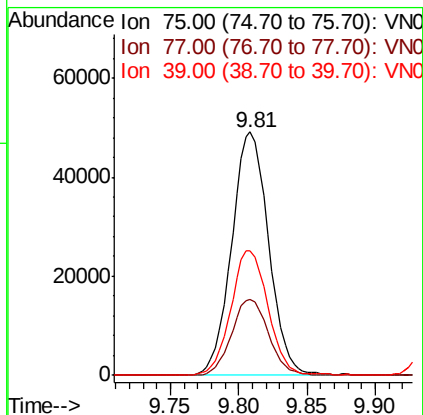
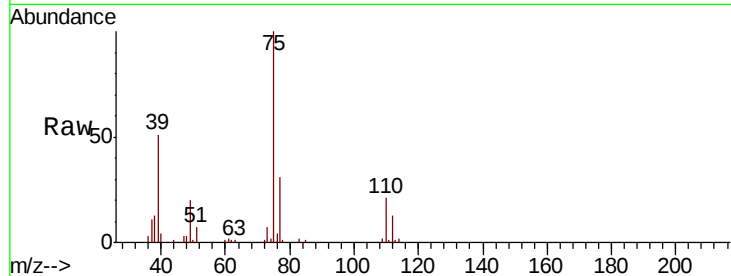


#49

cis-1,3-Dichloropropene
 Concen: 19.187 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

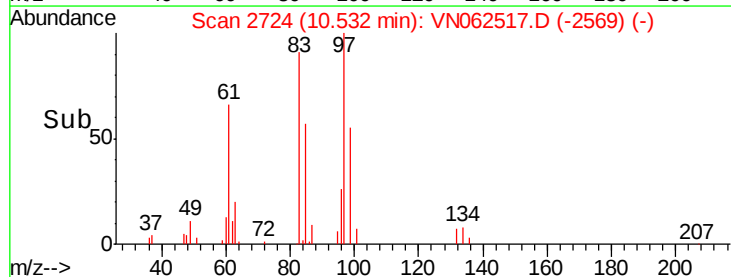
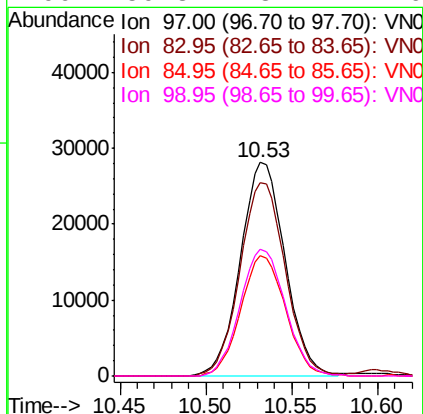
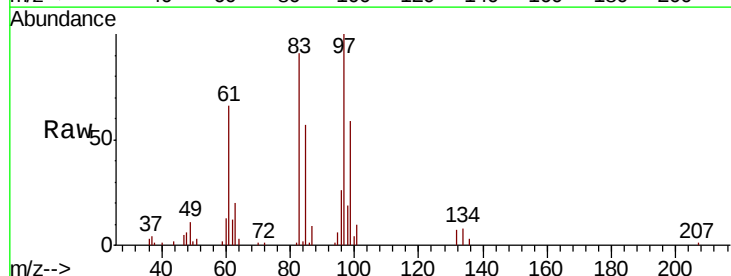
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.7	35.5
39	51.4	40.5	60.7

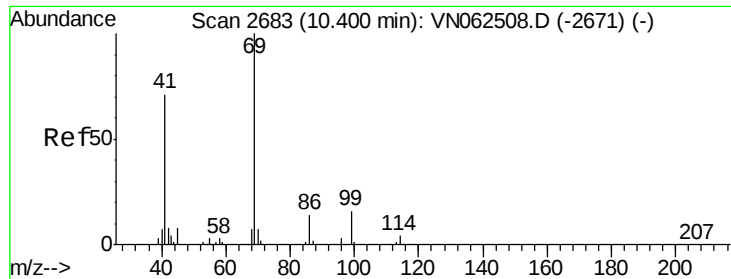


#50

1,1,2-Trichloroethane
 Concen: 20.084 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.7	71.3	106.9
85	56.6	47.2	70.8
99	59.3	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.448 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

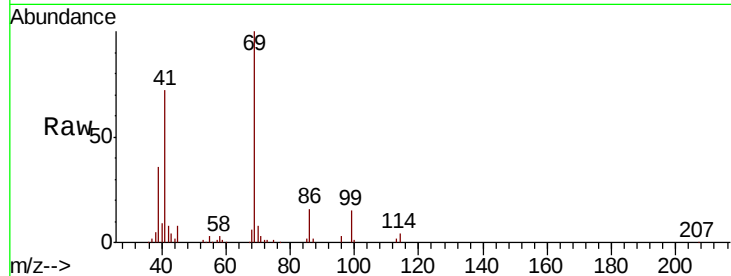
Tot Ion: 69 Resp: 82907

Ion Ratio Lower Upper

69 100

41 71.5 35.6 106.8

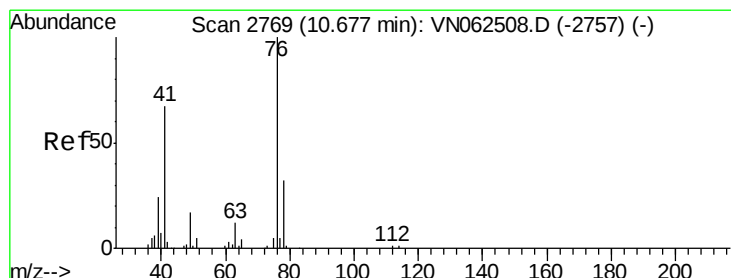
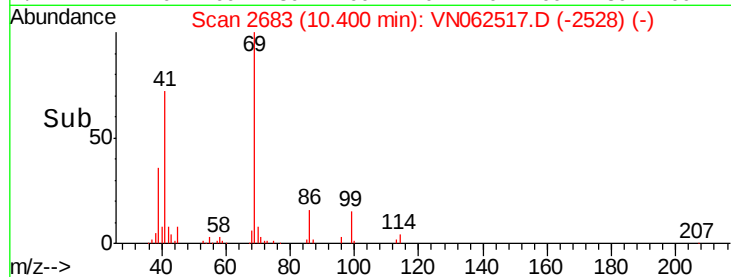
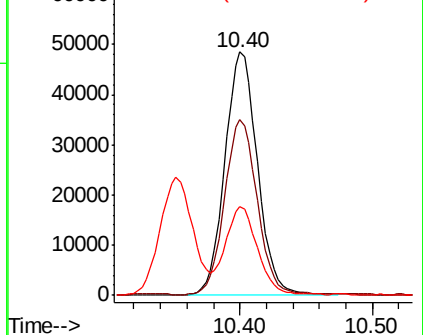
39 35.6 17.2 51.5



Abundance Ion 69.00 (68.70 to 69.70): VN062508.D (-2671) (-)

Ion 41.00 (40.70 to 41.70): VN062508.D (-2671) (-)

Ion 39.00 (38.70 to 39.70): VN062508.D (-2671) (-)



#52

1,3-Dichloropropane

Concen: 19.985 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062517.D

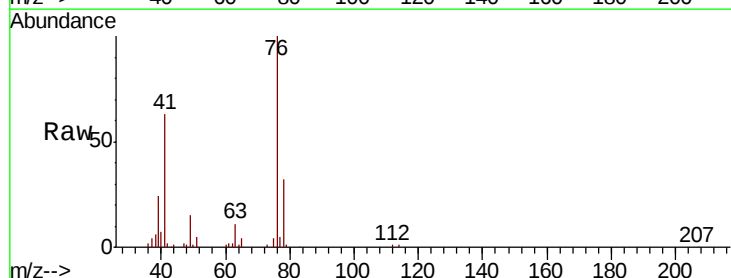
Acq: 13 Jul 2020 15:34

Tgt Ion: 76 Resp: 92869

Ion Ratio Lower Upper

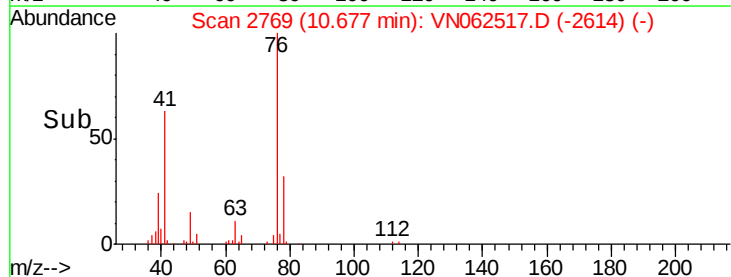
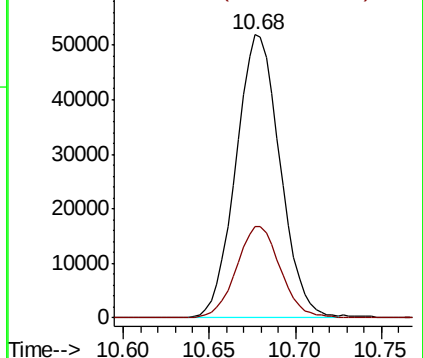
76 100

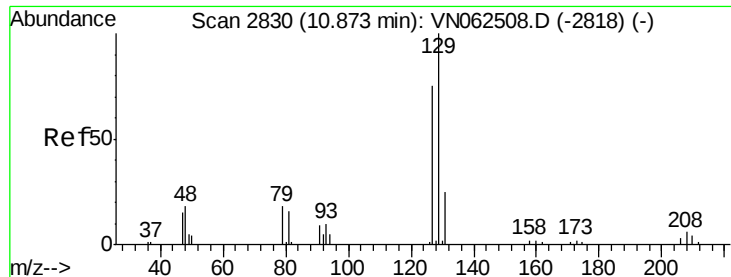
78 32.2 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VN062508.D (-2757) (-)

Ion 78.00 (77.70 to 78.70): VN062508.D (-2757) (-)

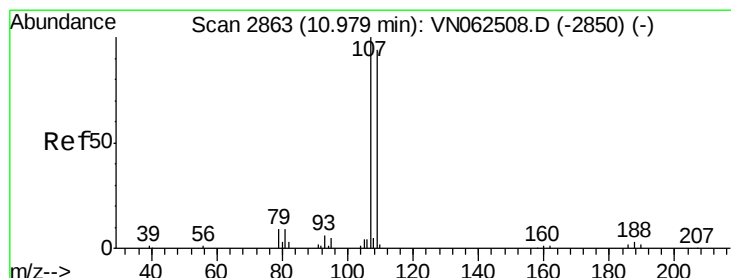
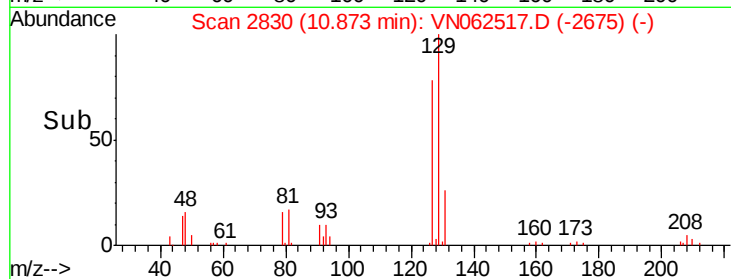
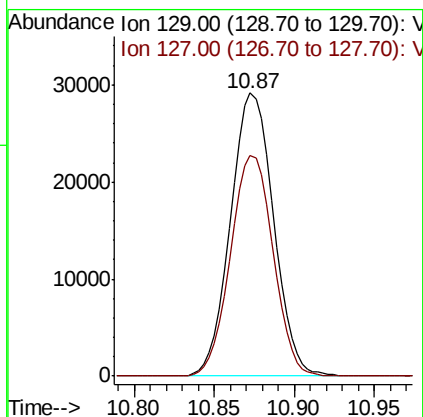
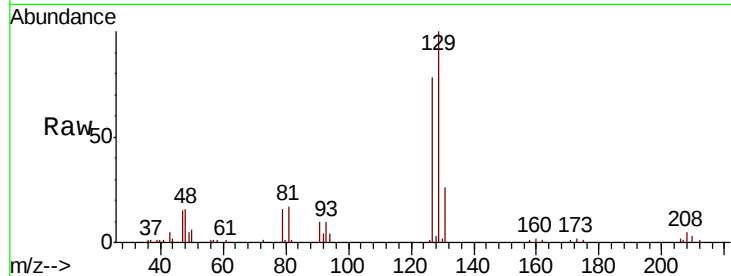




#53
Dibromochloromethane
Concen: 19.407 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

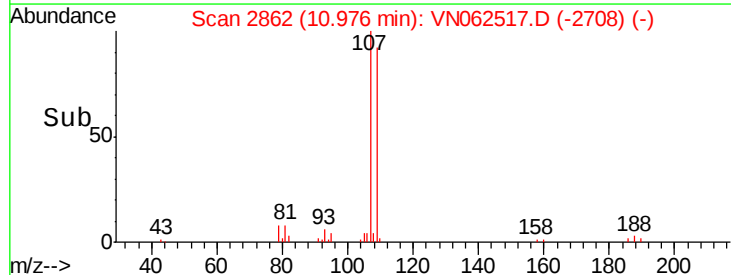
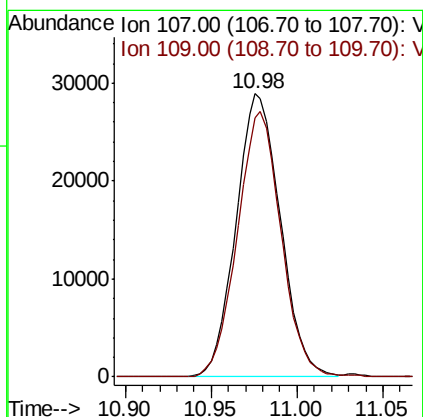
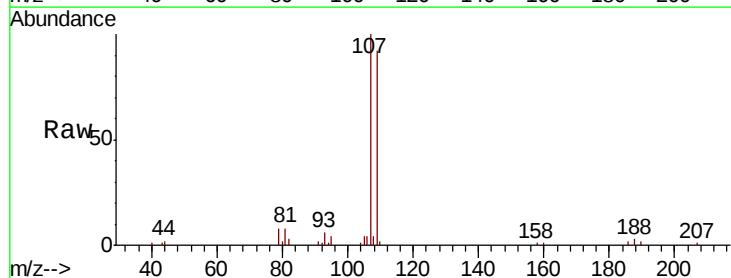
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

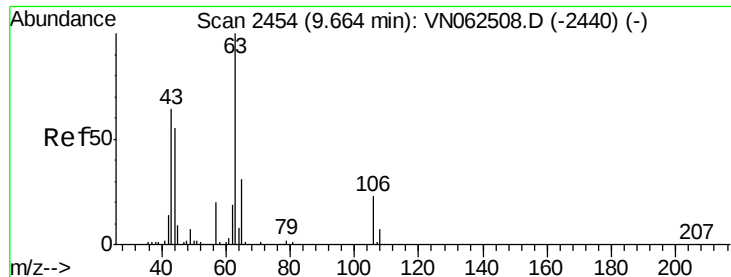
Tot Ion:129 Resp: 53538
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5



#54
1,2-Dibromoethane
Concen: 19.977 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion:107 Resp: 51772
Ion Ratio Lower Upper
107 100
109 92.1 74.8 112.2

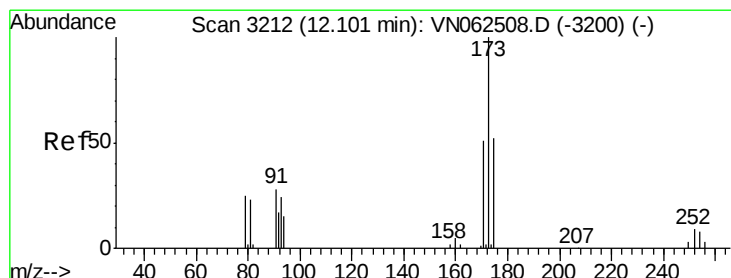
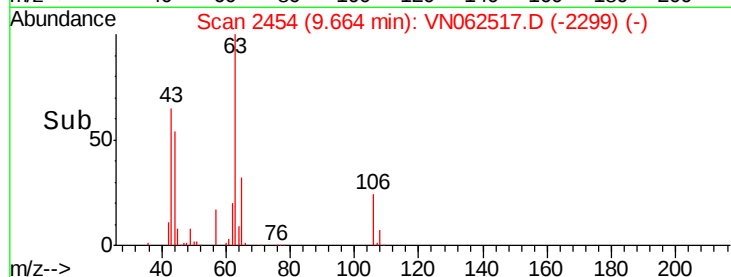
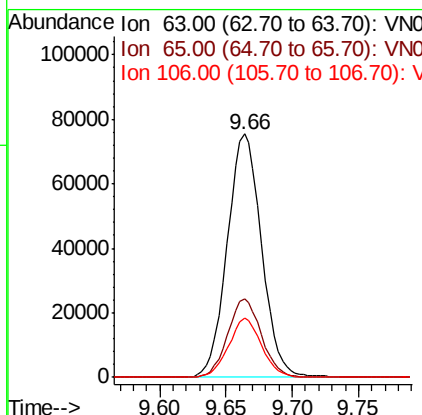
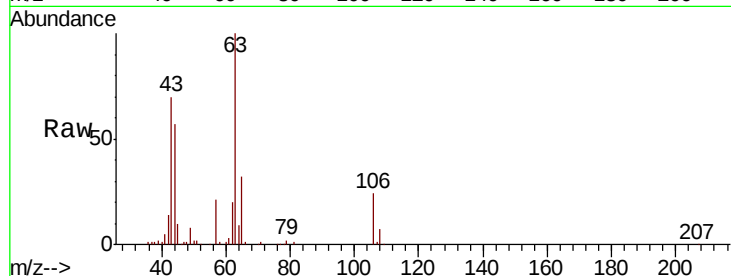




#55
2-Chloroethyl vinyl ether
Concen: 99.639 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

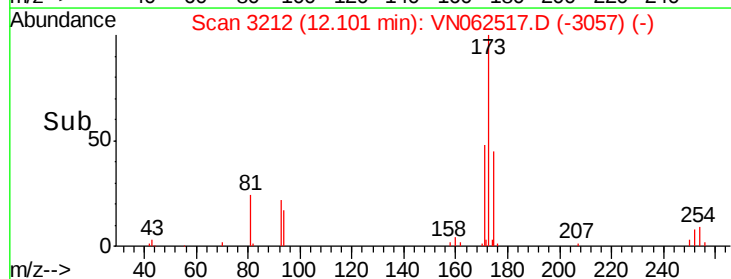
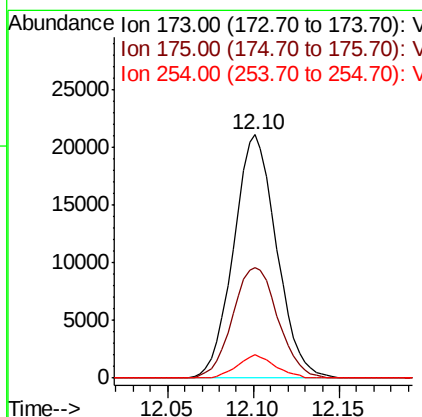
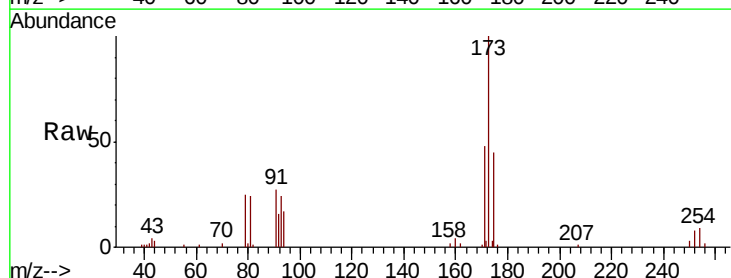
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

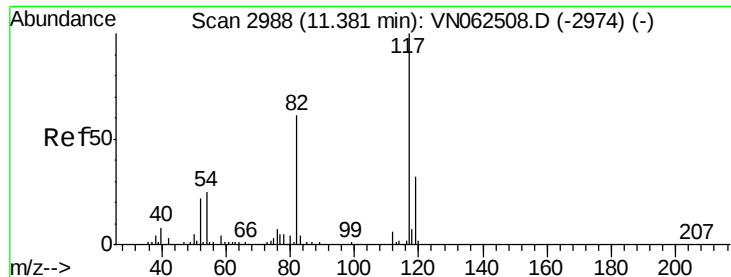
Tot Ion: 63 Resp: 135666
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.2
106 23.4 18.4 27.6



#56
Bromoform
Concen: 19.483 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 173 Resp: 36709
Ion Ratio Lower Upper
173 100
175 47.8 38.1 57.1
254 8.3 6.2 9.2

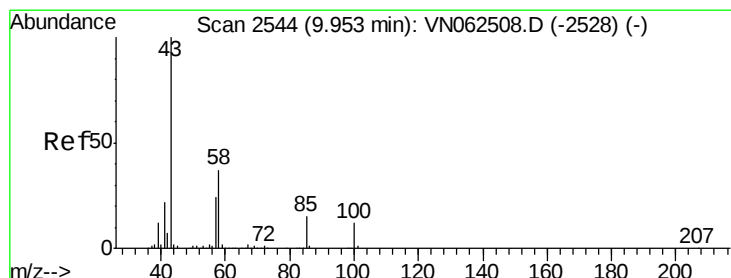
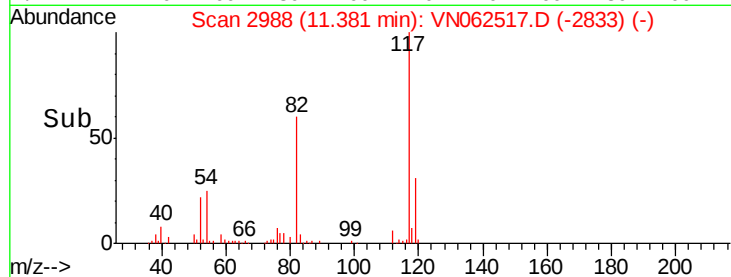
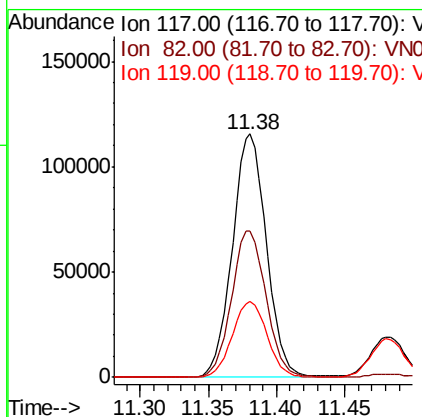
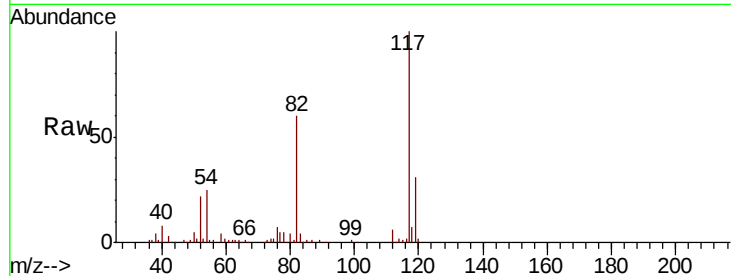




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

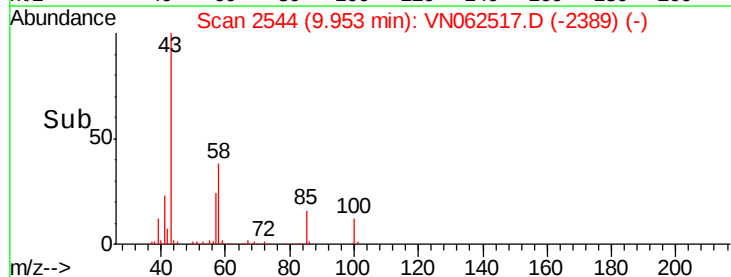
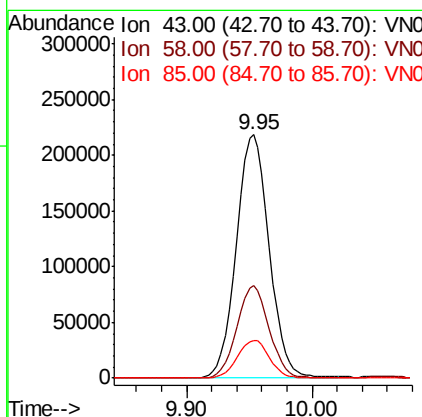
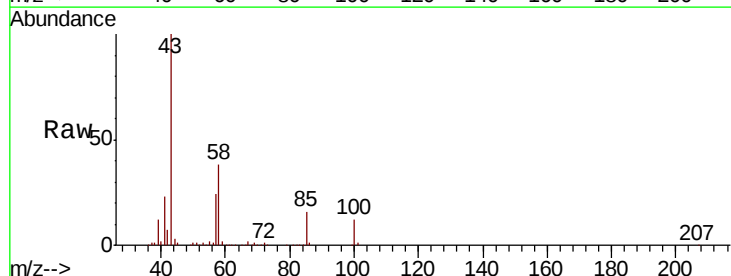
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

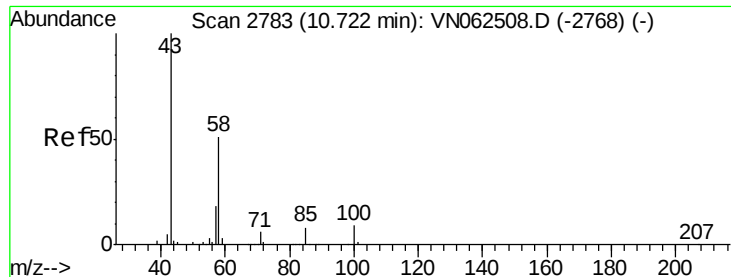
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	49.0	73.6
119	31.9	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 101.871 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.6	44.4
85	15.3	12.0	18.0

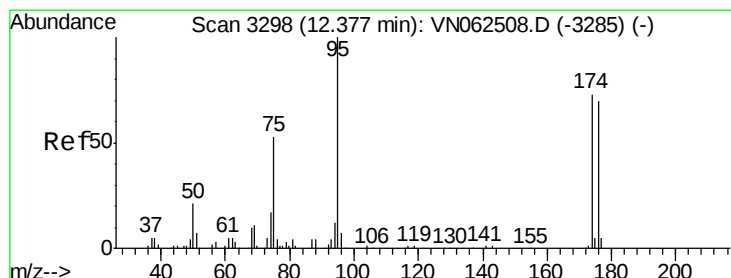
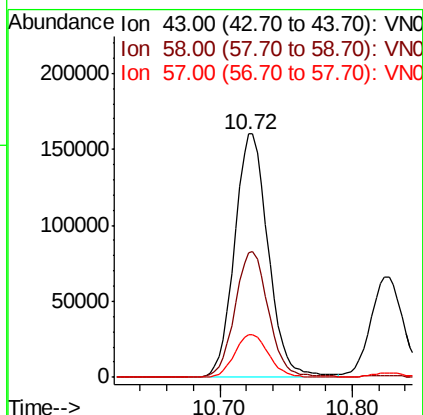
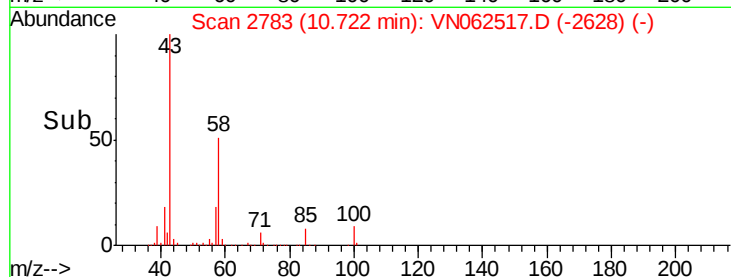
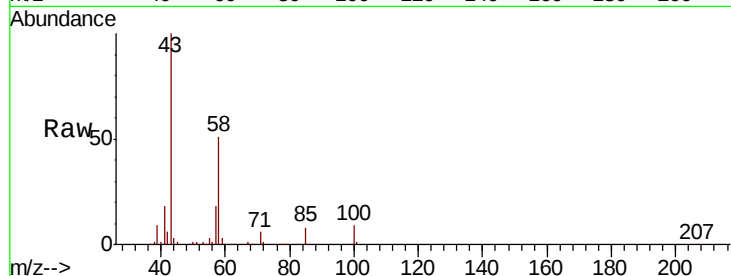




#59
2-Hexanone
Concen: 98.337 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

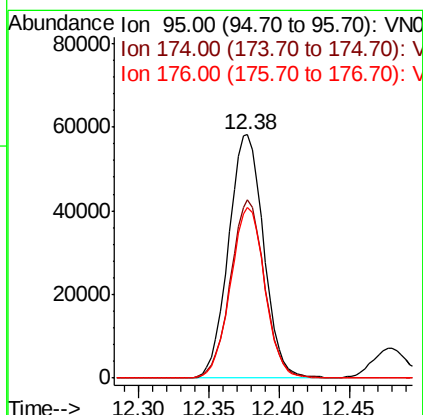
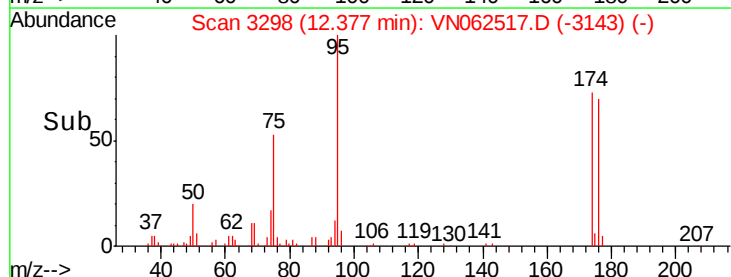
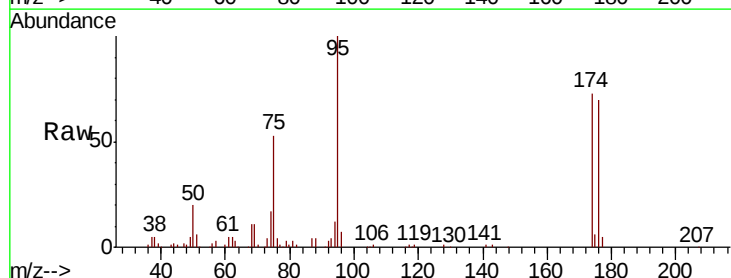
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

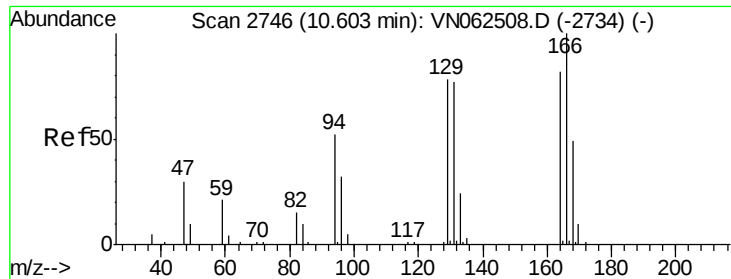
Tot Ion: 43 Resp: 281662
Ion Ratio Lower Upper
43 100
58 51.7 41.2 61.8
57 17.6 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.703 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 95 Resp: 101322
Ion Ratio Lower Upper
95 100
174 71.2 57.5 86.3
176 68.5 56.3 84.5





#61

Tetrachloroethene

Concen: 19.605 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion:164 Resp: 40245

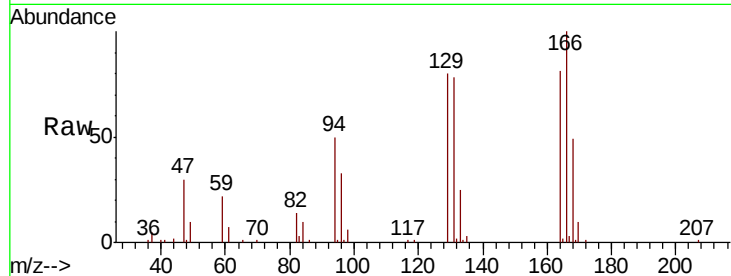
Ion Ratio Lower Upper

164 100

166 122.7 97.7 146.5

129 98.1 77.0 115.4

131 96.1 75.0 112.6

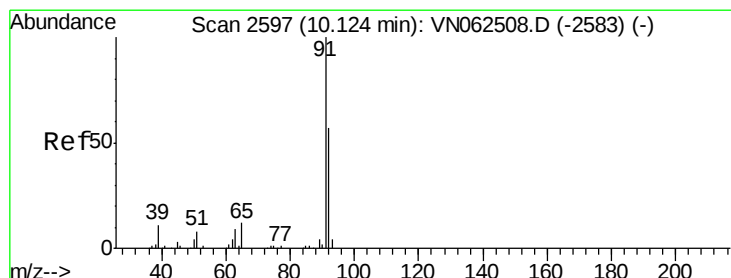
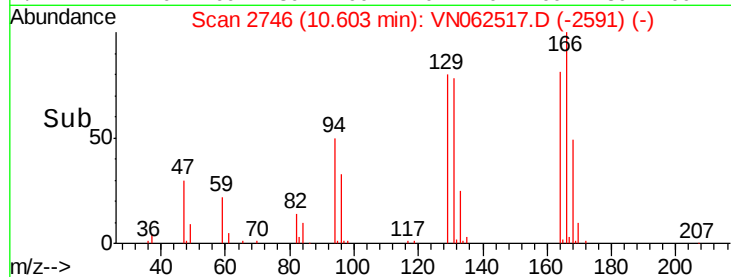
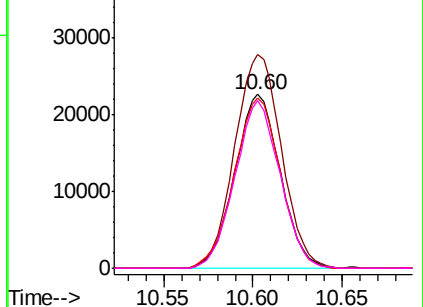


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.530 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062517.D

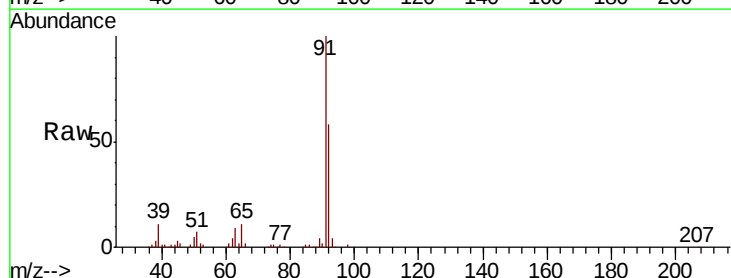
Acq: 13 Jul 2020 15:34

Tgt Ion: 91 Resp: 222096

Ion Ratio Lower Upper

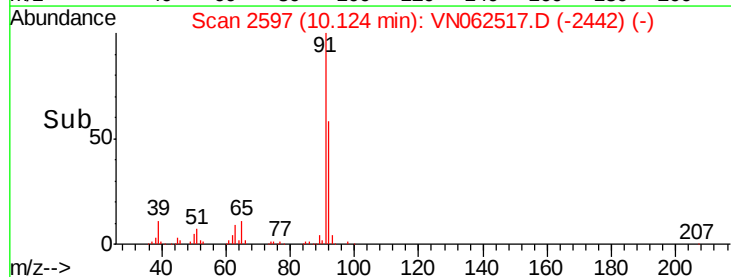
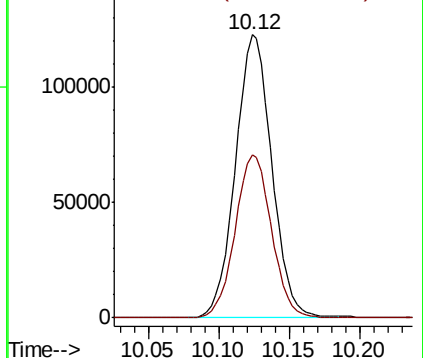
91 100

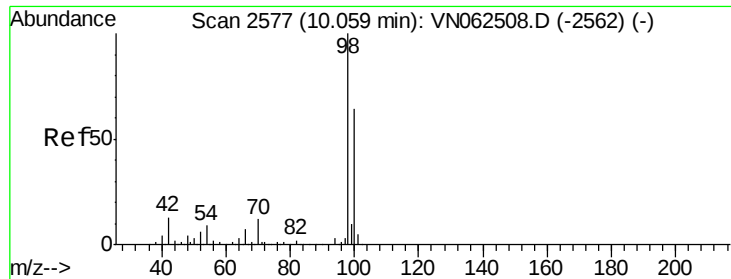
92 57.3 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.410 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

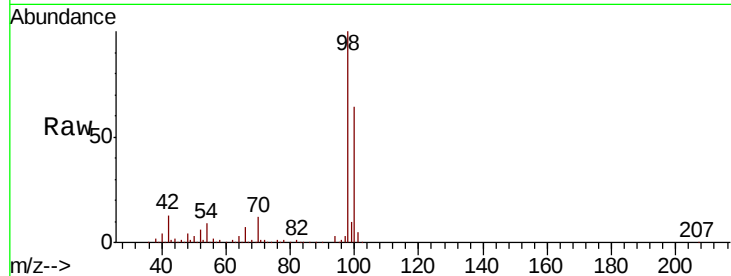
VN0713WBSD01

Tot Ion: 98 Resp: 288041

Ion Ratio Lower Upper

98 100

100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN062508.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062517.D (-2422) (-)

10.06

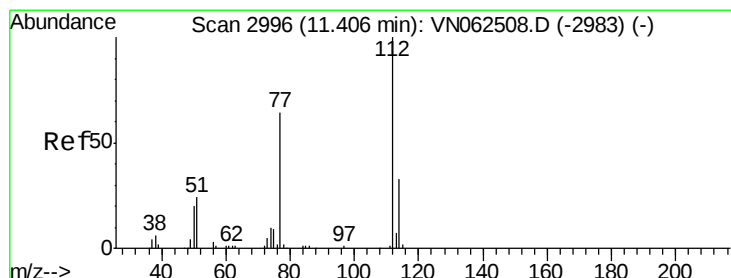
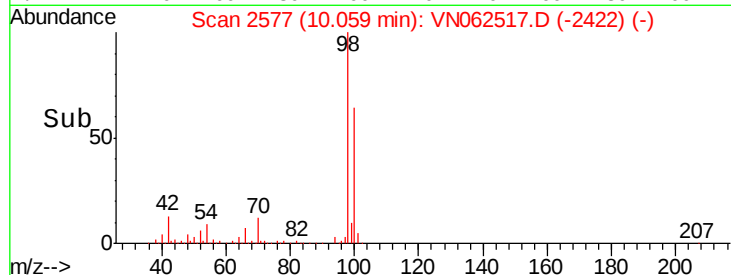
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 19.462 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062517.D

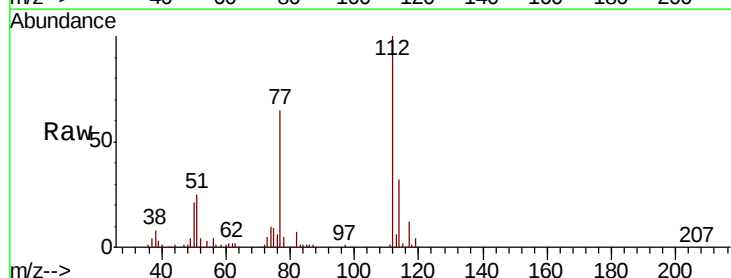
Acq: 13 Jul 2020 15:34

Tgt Ion: 112 Resp: 130051

Ion Ratio Lower Upper

112 100

114 31.5 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): VN062508.D (-2983) (-)

Ion 114.00 (113.70 to 114.70): VN062517.D (-2841) (-)

11.41

80000

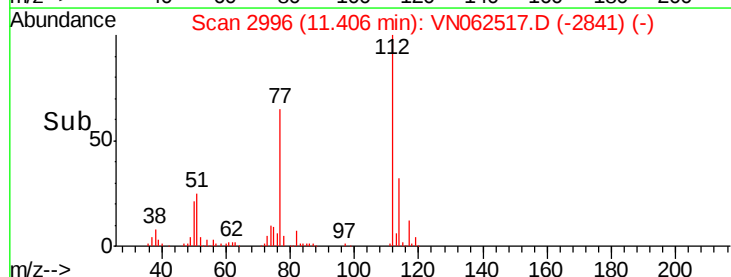
60000

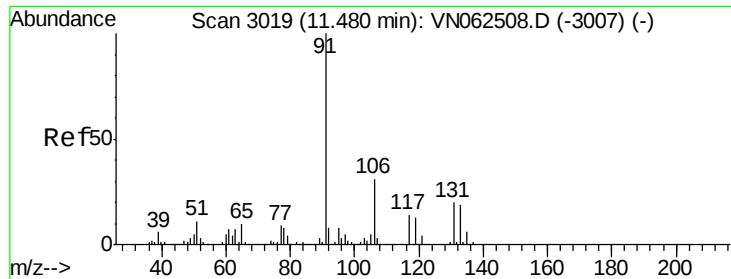
40000

20000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.170 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampled :

VN0713WBSD01

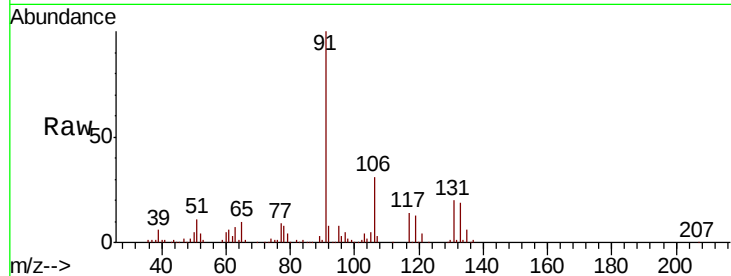
Tot Ion:131 Resp: 47416

Ion Ratio Lower Upper

131 100

133 96.6 0.0 191.4

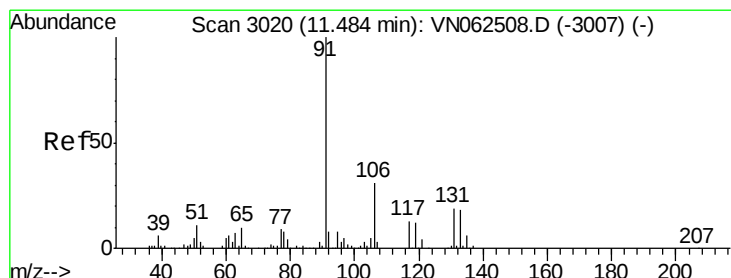
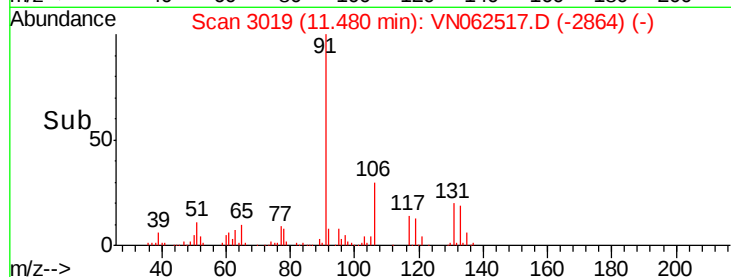
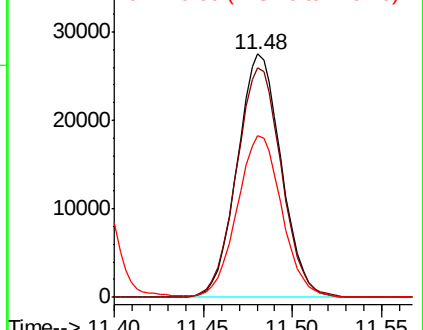
119 67.6 0.0 136.2



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: 19.062 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062517.D

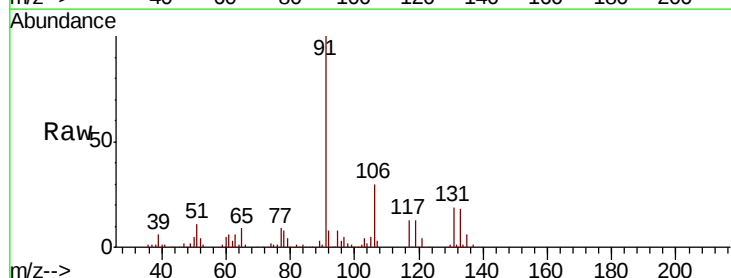
Acq: 13 Jul 2020 15:34

Tgt Ion: 91 Resp: 240044

Ion Ratio Lower Upper

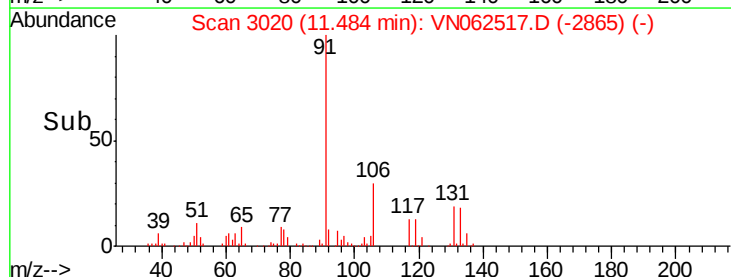
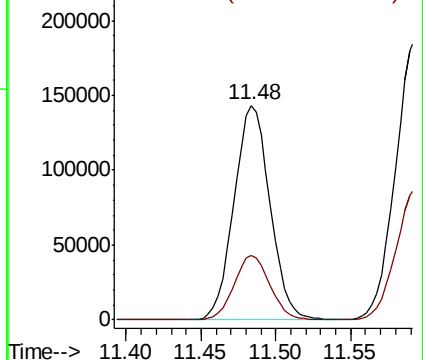
91 100

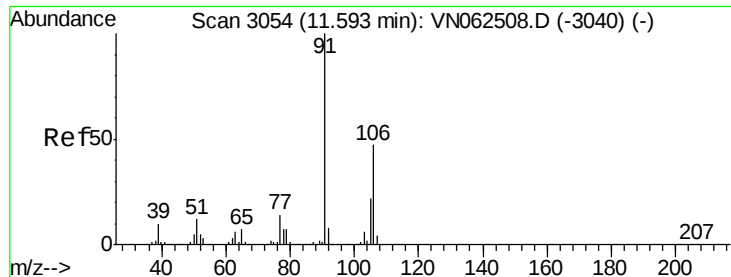
106 30.3 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.109 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

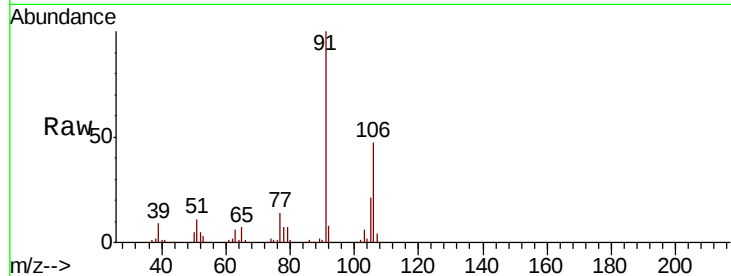
VN0713WBSD01

Tot Ion:106 Resp: 174187

Ion Ratio Lower Upper

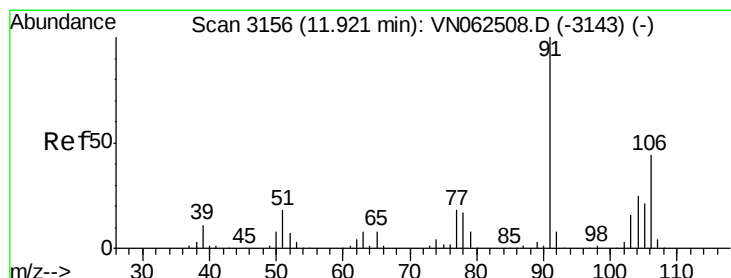
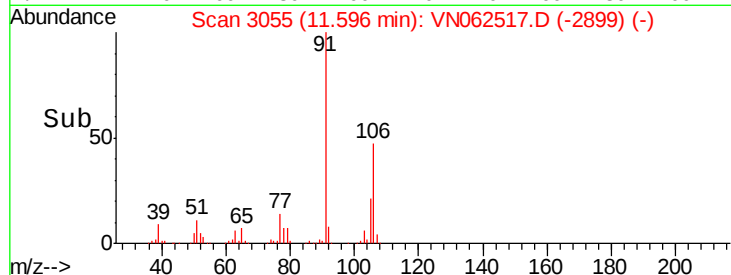
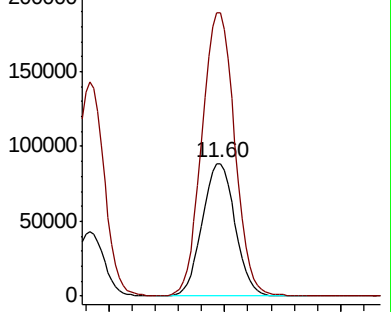
106 100

91 213.5 170.7 256.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 19.351 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN062517.D

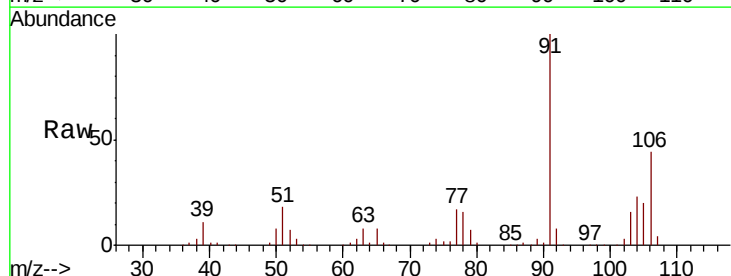
Acq: 13 Jul 2020 15:34

Tgt Ion:106 Resp: 84882

Ion Ratio Lower Upper

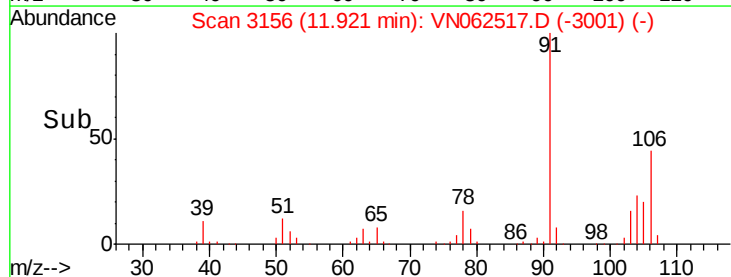
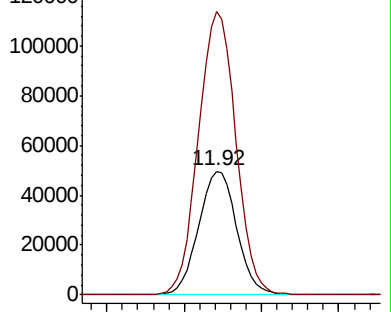
106 100

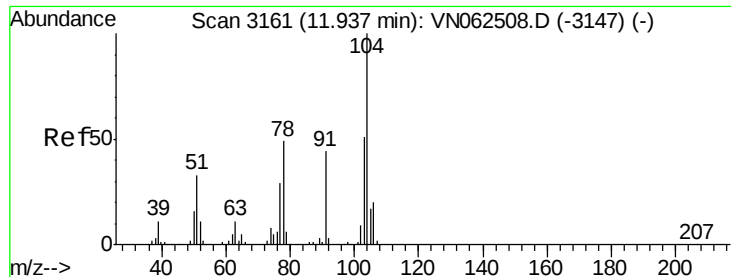
91 224.9 113.9 341.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

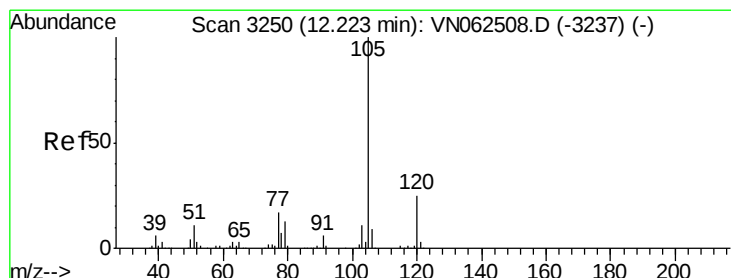
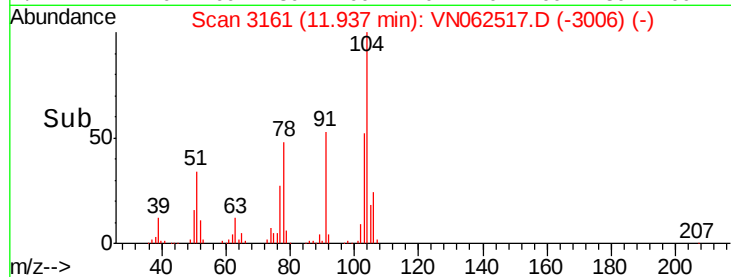
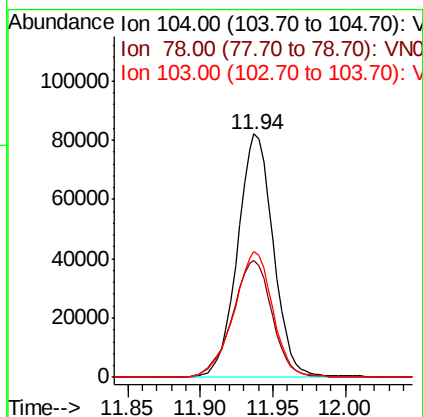
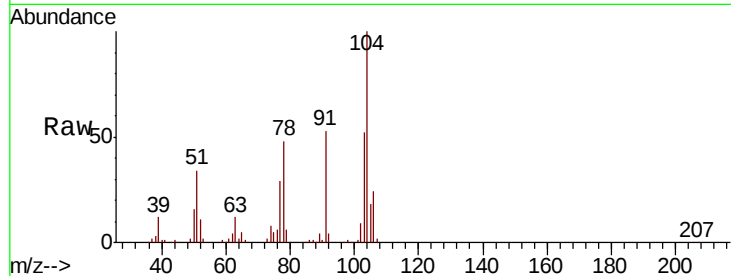




#69
Stvrene
Concen: 18.917 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

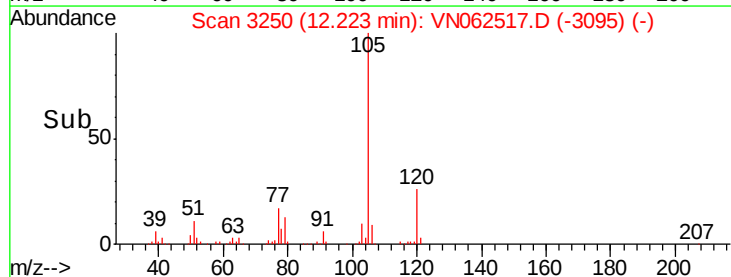
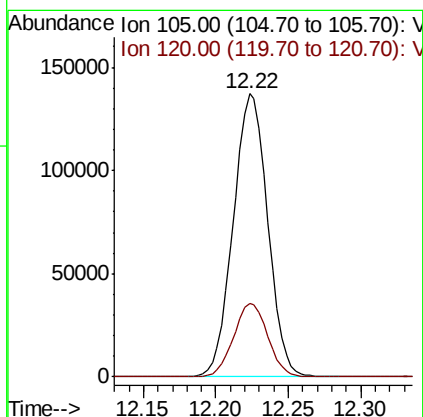
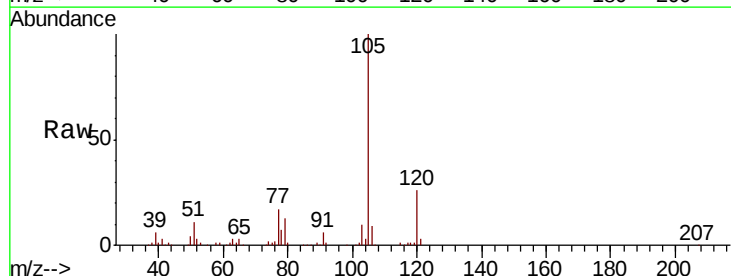
Instrument :
MSVOA_N
ClientSampled :
VN0713WBSD01

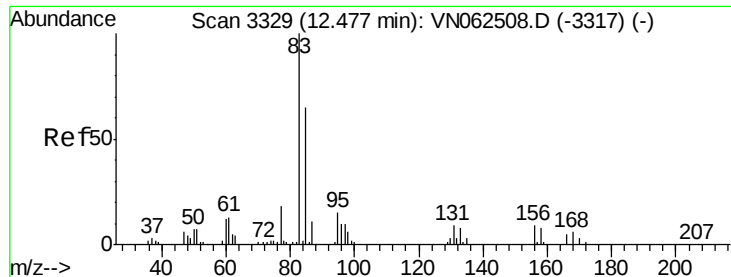
Tot Ion	Ratio	Lower	Upper
104	100		
78	53.4	43.9	65.9
103	55.9	43.8	65.6



#70
Isopropylbenzene
Concen: 19.234 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	17.6	32.8

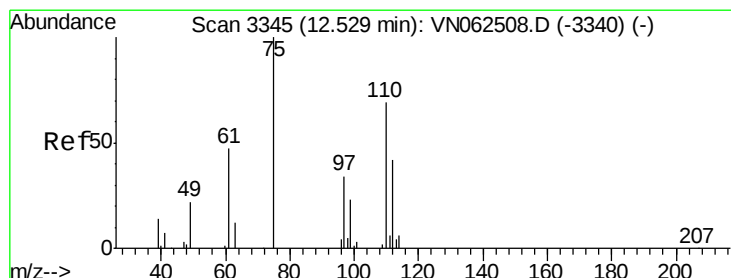
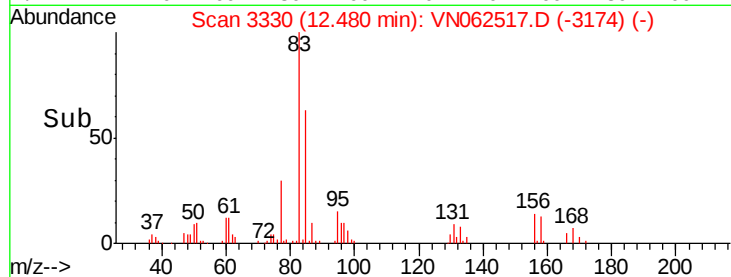
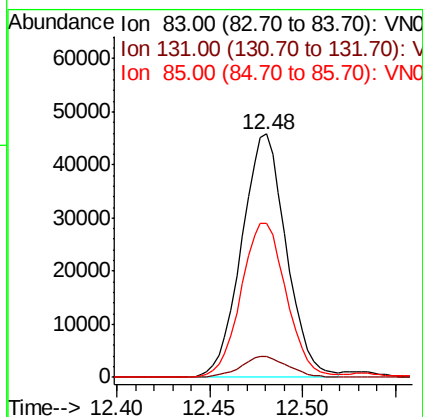
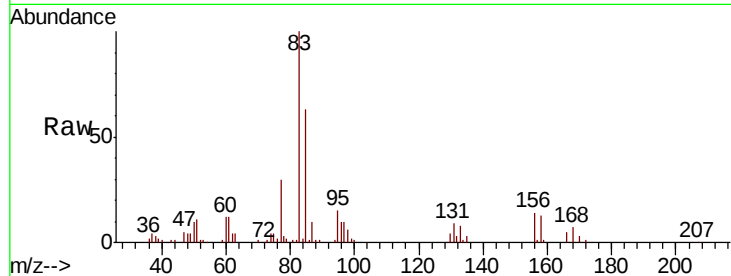




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.245 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

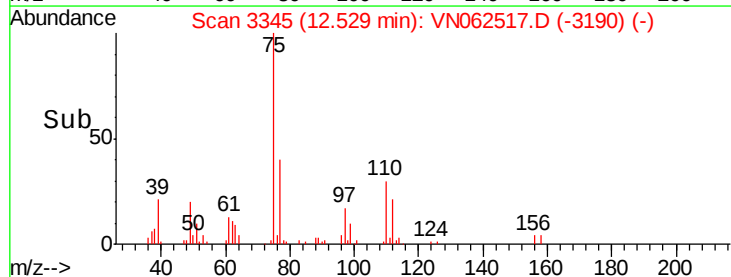
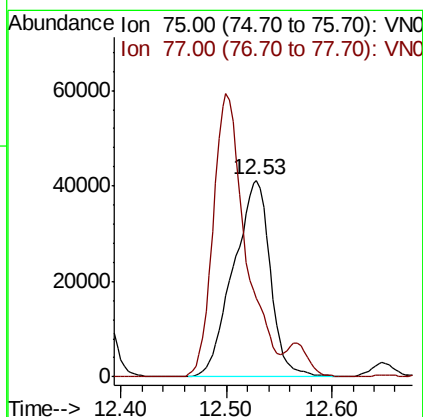
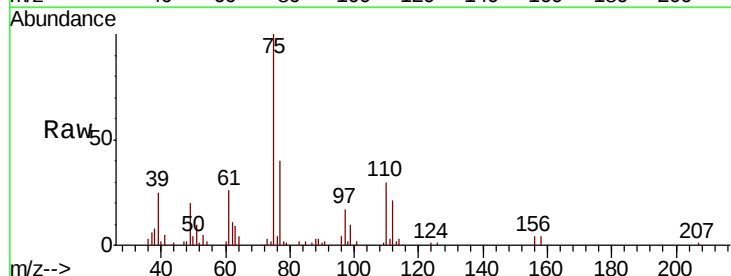
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

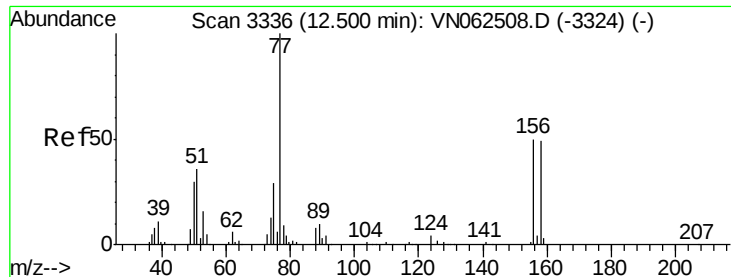
Tot Ion: 83 Resp: 77044
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.7
 85 64.1 32.5 97.4



#72
 1,2,3-Trichloropropane
 Concen: 27.063 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion: 75 Resp: 100182
 Ion Ratio Lower Upper
 75 100
 77 126.5 0.0 376.2





#73

Bromobenzene

Concen: 19.066 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

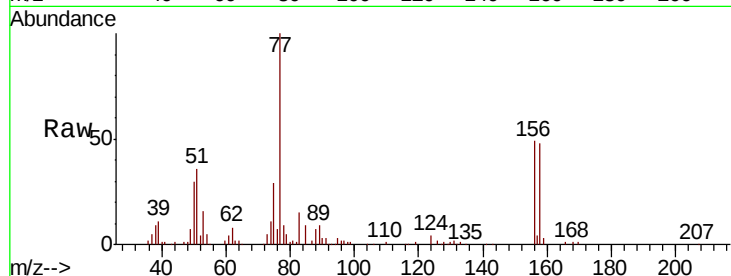
Tot Ion:156 Resp: 51995

Ion Ratio Lower Upper

156 100

77 243.8 0.0 485.0

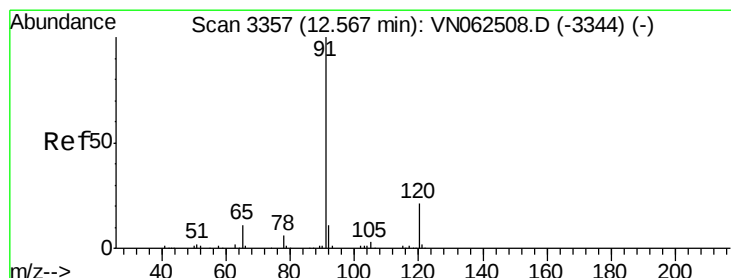
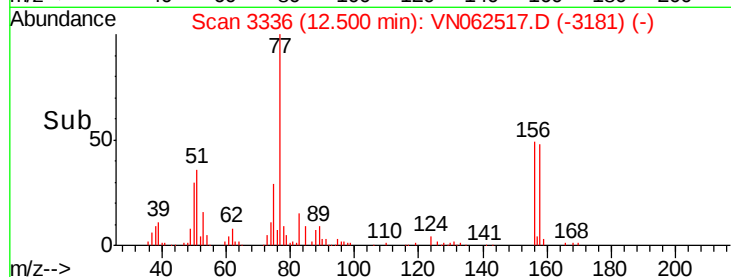
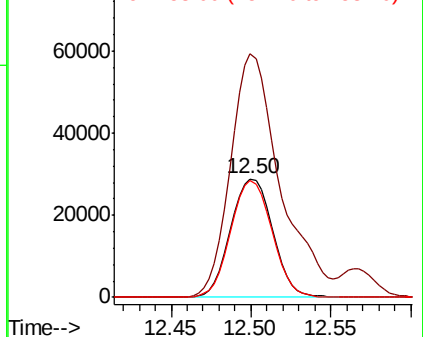
158 96.7 0.0 192.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.671 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062517.D

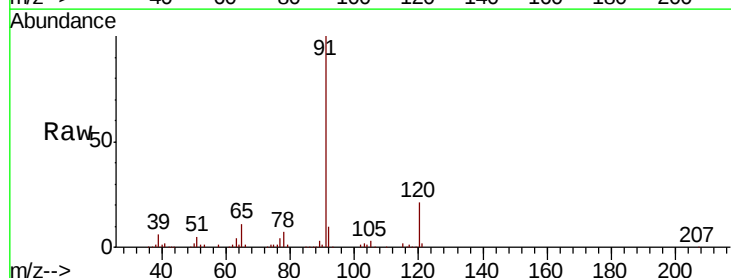
Acq: 13 Jul 2020 15:34

Tgt Ion: 91 Resp: 261335

Ion Ratio Lower Upper

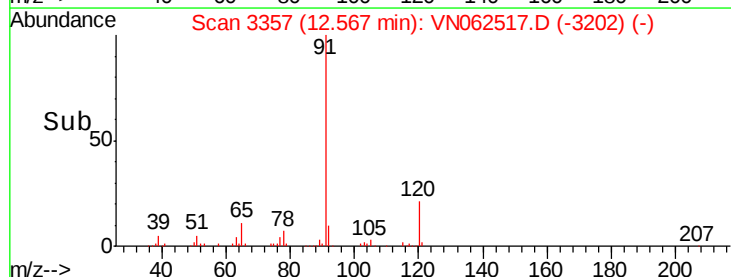
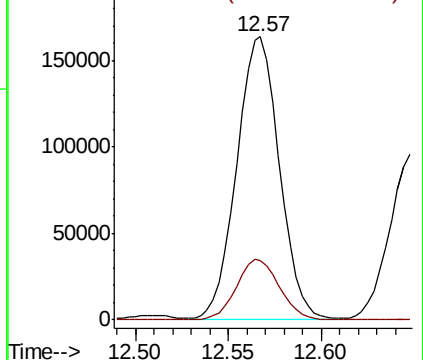
91 100

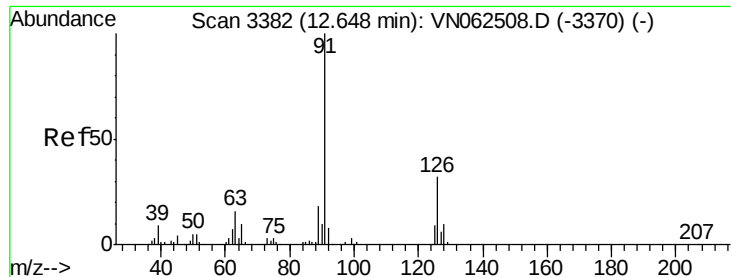
120 21.6 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.957 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

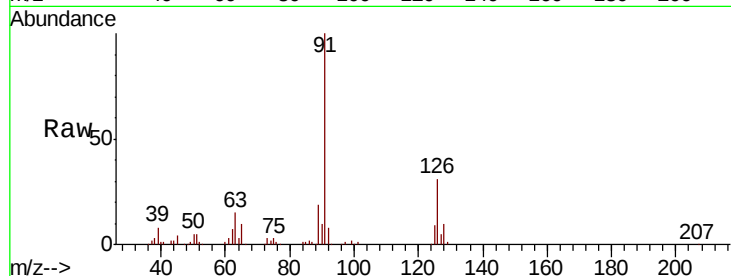
VN0713WBSD01

Tot Ion: 91 Resp: 159754

Ion Ratio Lower Upper

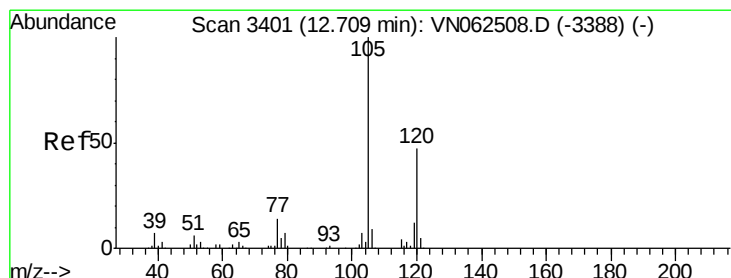
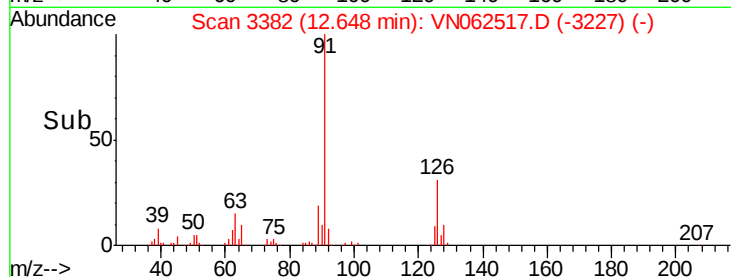
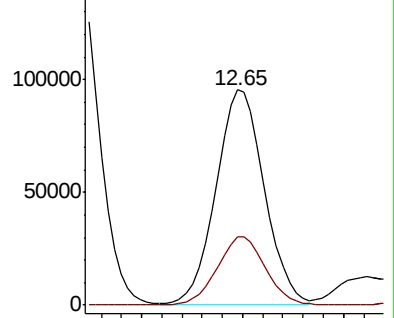
91 100

126 31.8 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN062517.D (-3382) (-)

Ion 126.00 (125.70 to 126.70): VN062517.D (-3382) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.020 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062517.D

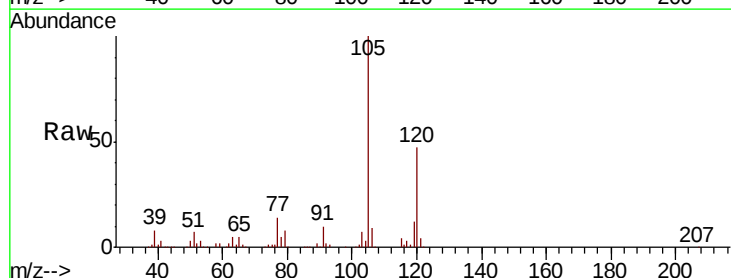
Acq: 13 Jul 2020 15:34

Tgt Ion: 105 Resp: 190828

Ion Ratio Lower Upper

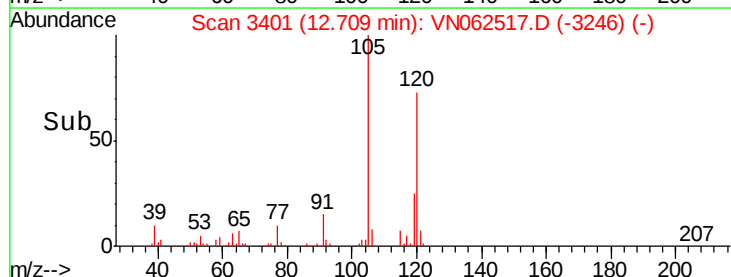
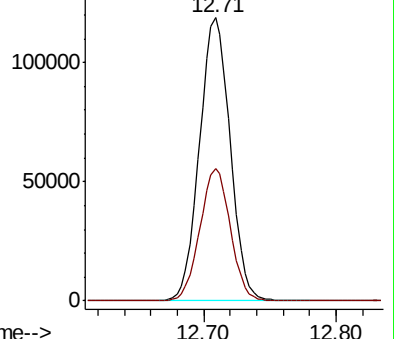
105 100

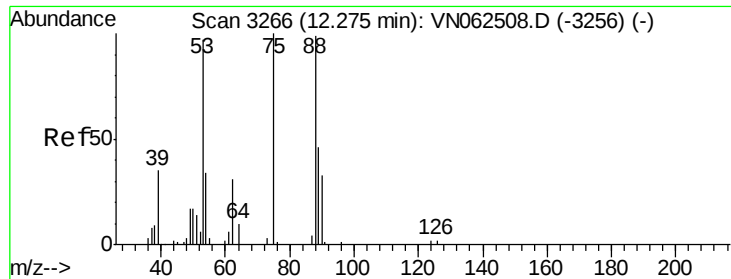
120 46.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN062517.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062517.D (-3401) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.950 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

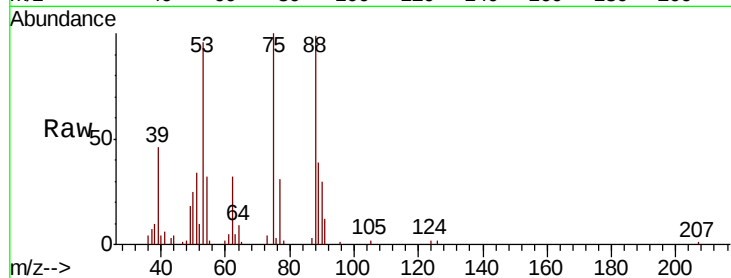
Tot Ion: 75 Resp: 24852

Ion Ratio Lower Upper

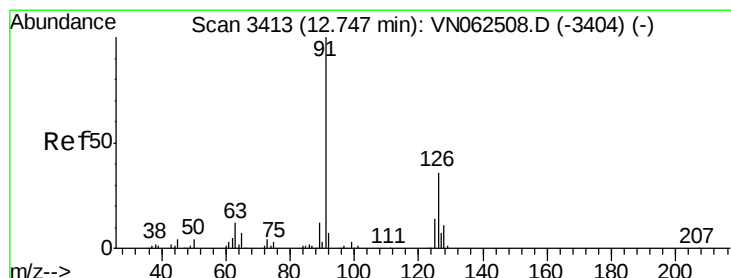
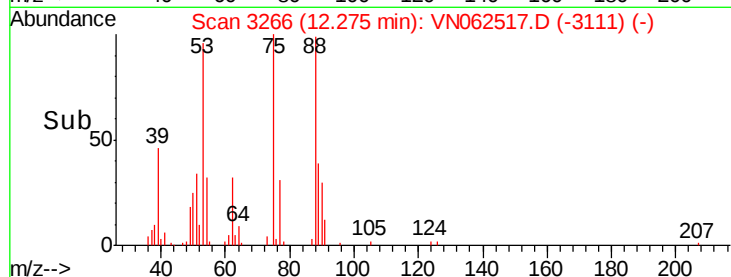
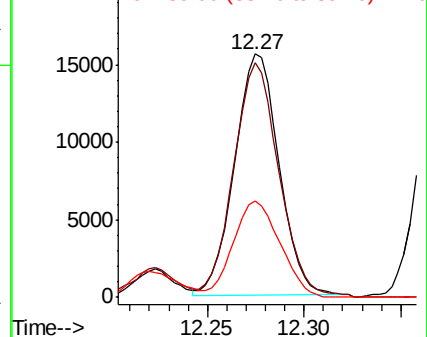
75 100

53 96.4 48.3 144.8

89 40.0 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: 18.572 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062517.D

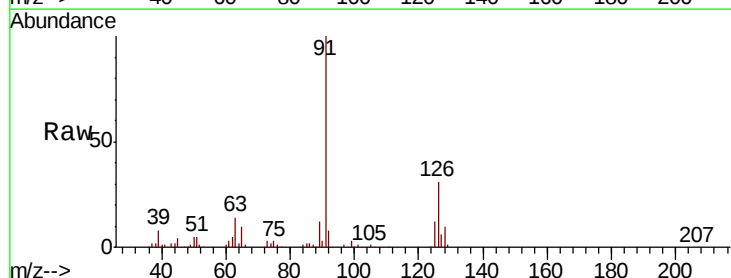
Acq: 13 Jul 2020 15:34

Tgt Ion: 91 Resp: 159704

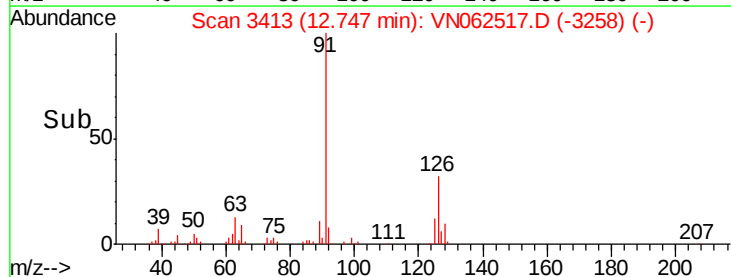
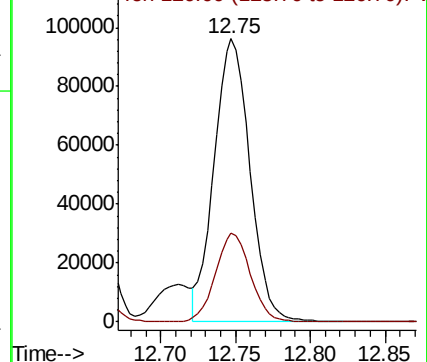
Ion Ratio Lower Upper

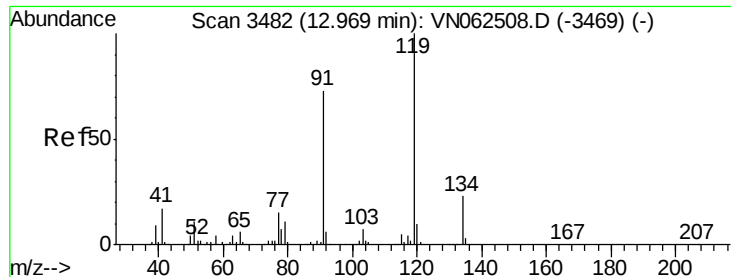
91 100

126 30.8 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V

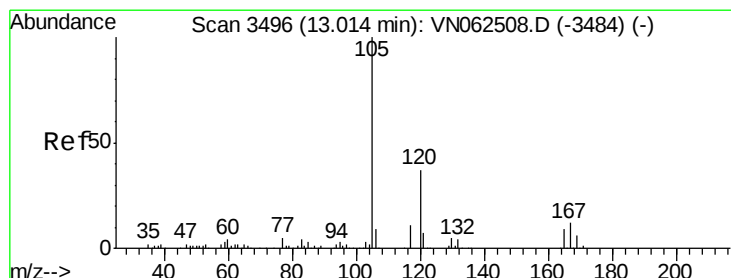
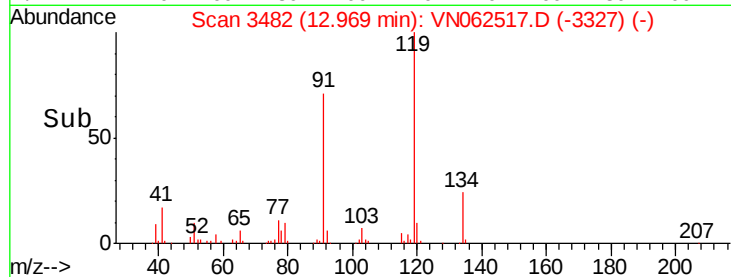
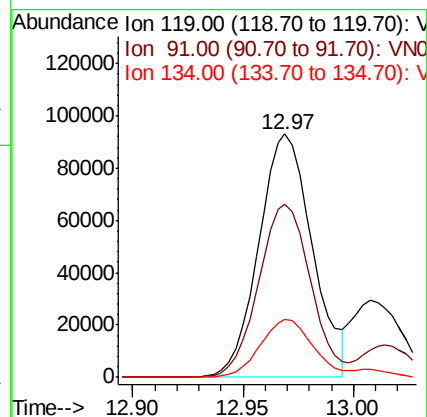
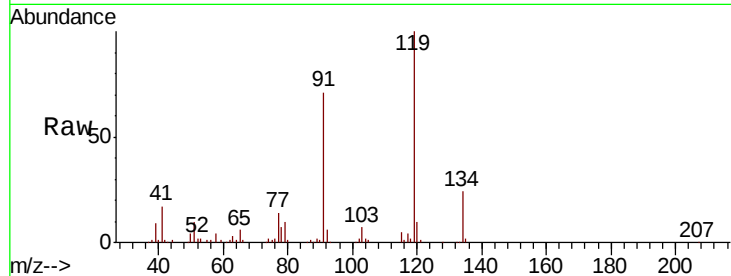




#79
tert-butylbenzene
Concen: 18.848 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

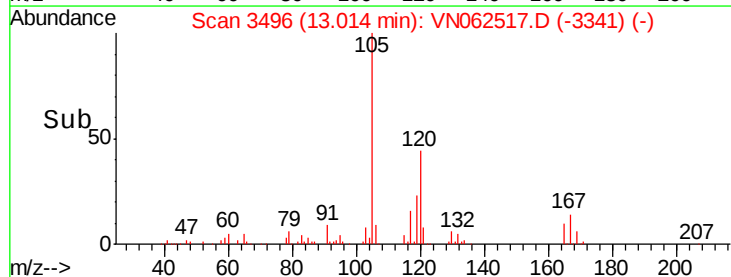
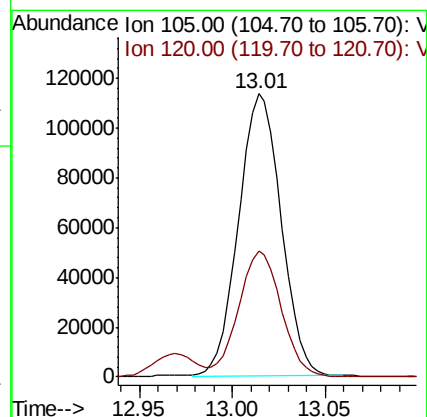
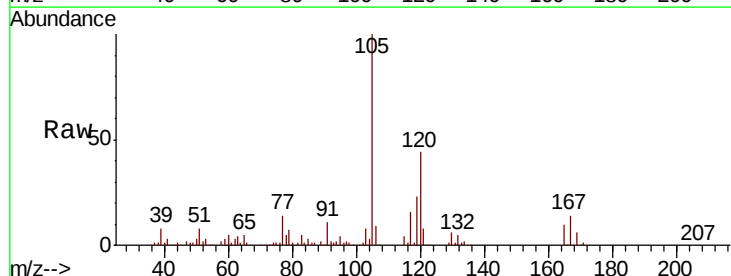
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

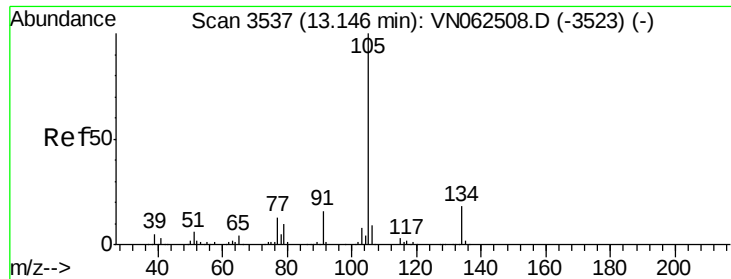
Tot Ion:119 Resp: 156586
Ion Ratio Lower Upper
119 100
91 69.7 0.0 139.8
134 23.5 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 18.344 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion:105 Resp: 181014
Ion Ratio Lower Upper
105 100
120 44.9 0.0 86.6

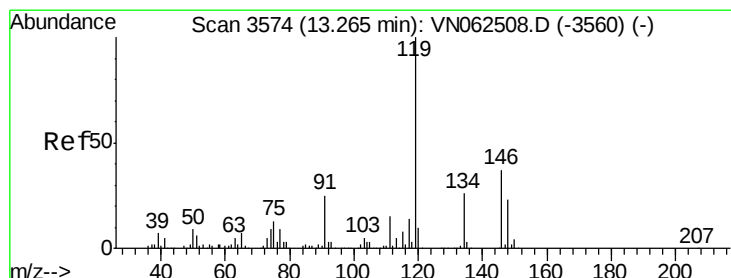
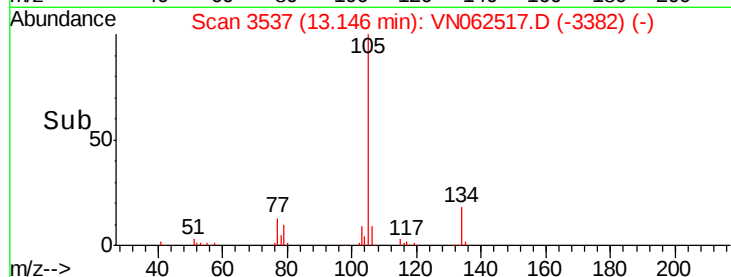
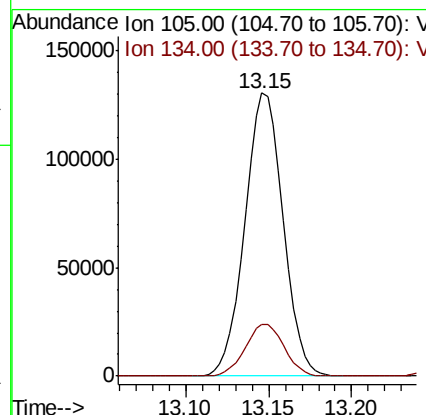
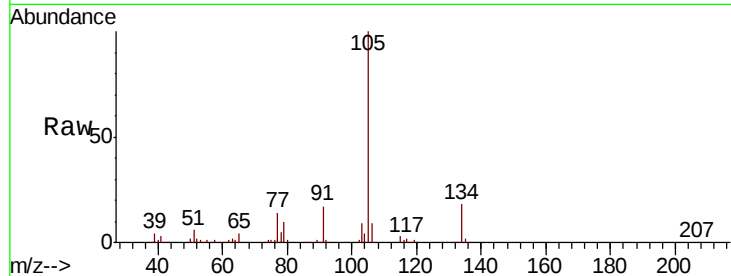




#81
 sec-Butylbenzene
 Concen: 18.690 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

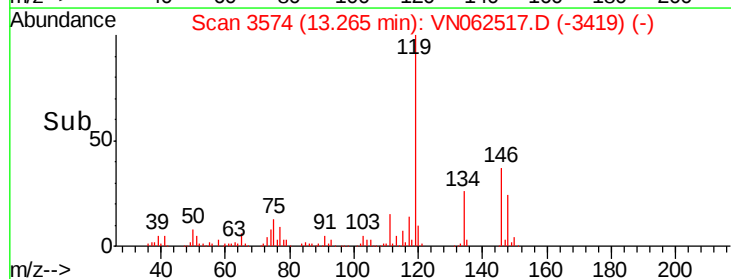
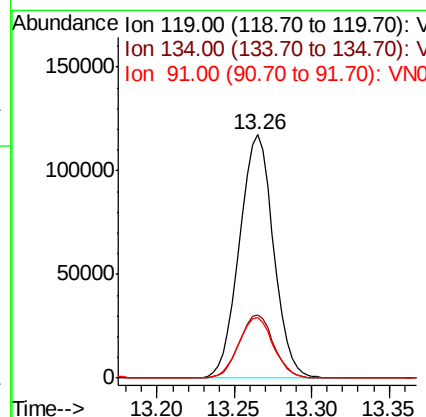
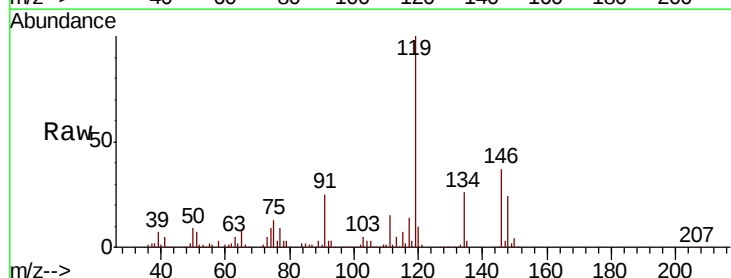
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

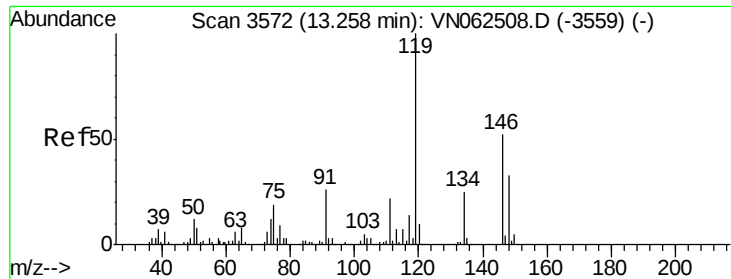
Tot Ion:105 Resp: 208527
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 37.2



#82
 p-Isopropyltoluene
 Concen: 18.305 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion:119 Resp: 180230
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 50.8
 91 25.1 0.0 51.2

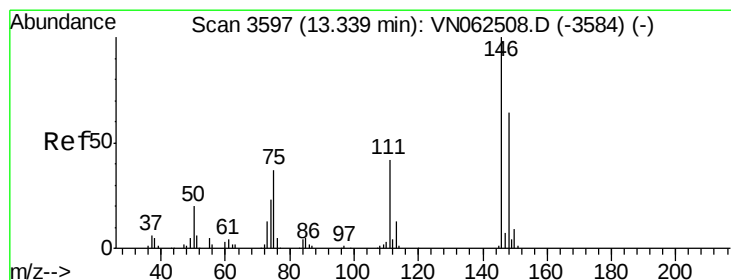
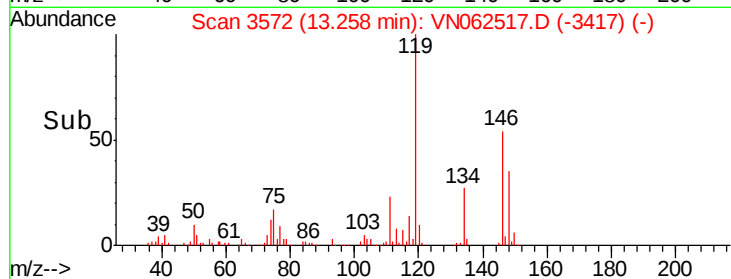
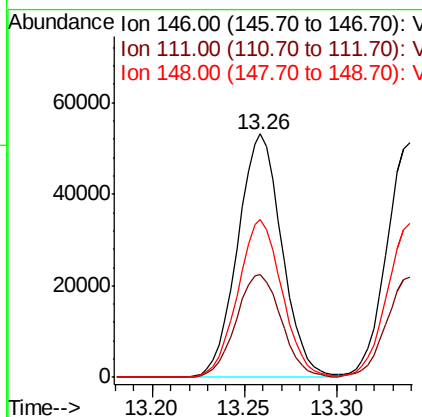
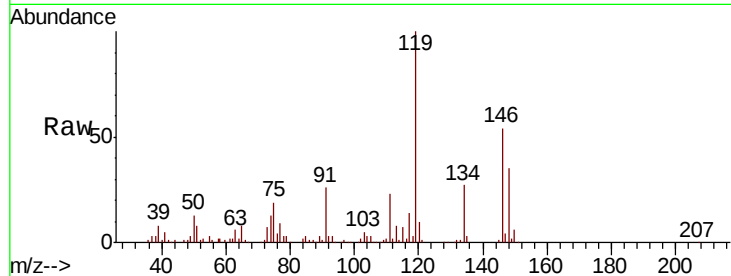




#83
 1,3-Dichlorobenzene
 Concen: 18.670 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

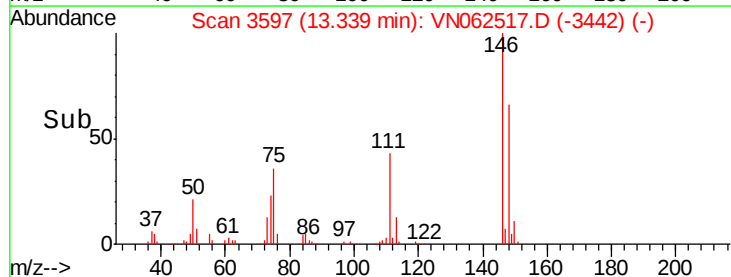
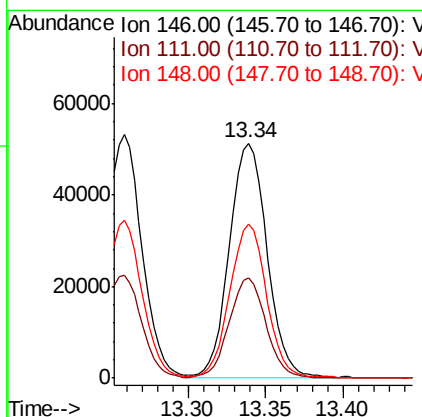
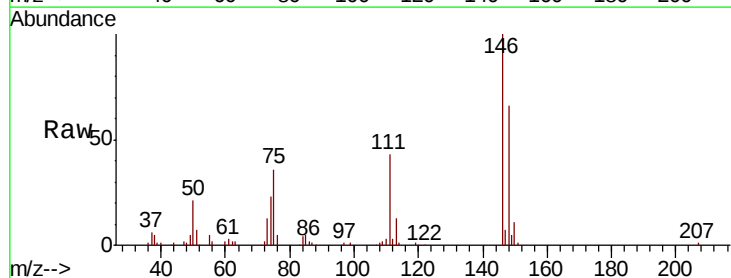
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

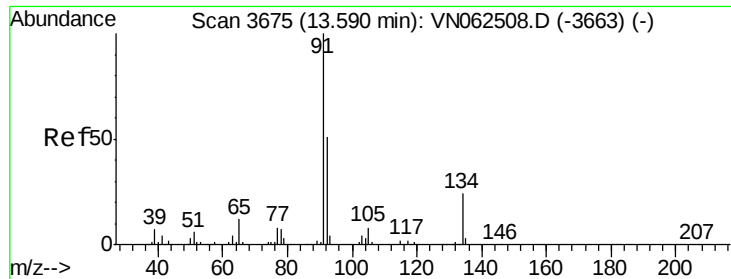
Tot Ion:146 Resp: 88419
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.0 63.0
 148 64.7 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 18.444 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion:146 Resp: 86191
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.2
 148 64.5 32.4 97.2

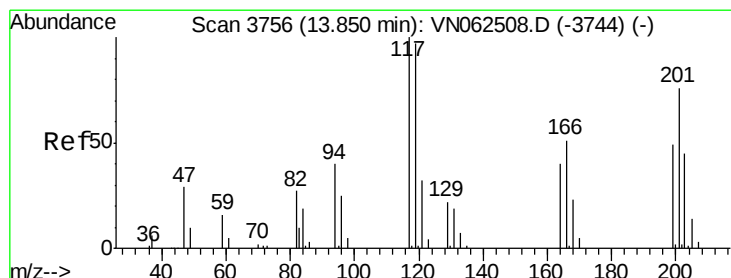
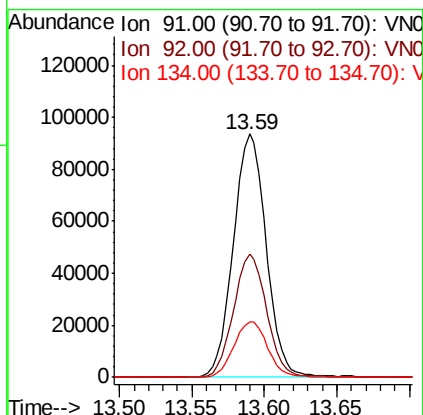
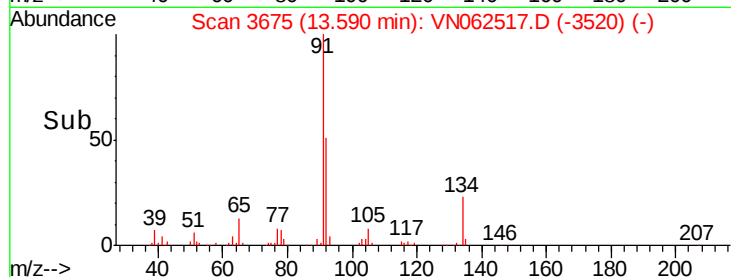
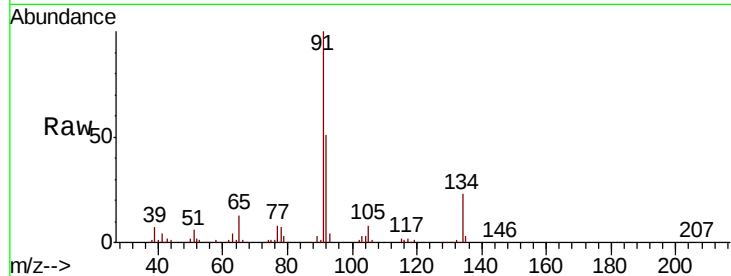




#85
n-Butylbenzene
Concen: 17.494 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

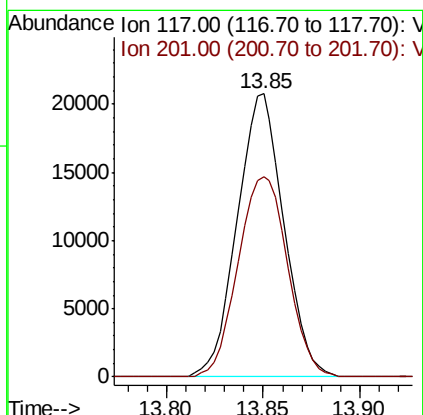
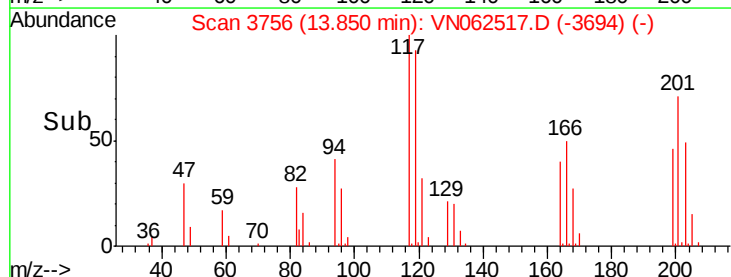
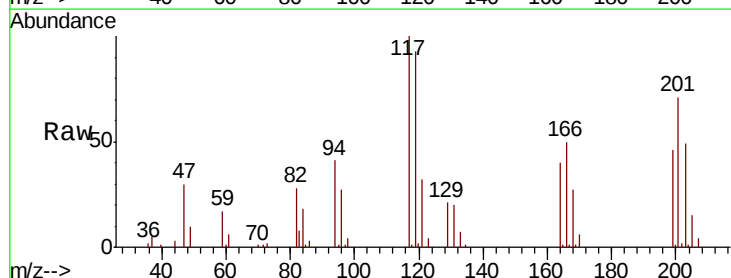
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

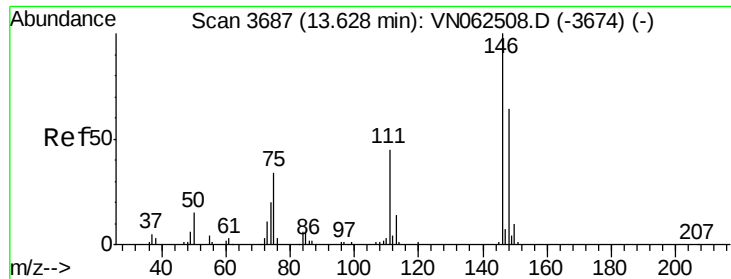
Tot Ion: 91 Resp: 147752
Ion Ratio Lower Upper
91 100
92 51.1 0.0 102.4
134 23.4 0.0 46.6



#86
Hexachloroethane
Concen: 18.307 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 117 Resp: 34781
Ion Ratio Lower Upper
117 100
201 75.1 37.4 112.2

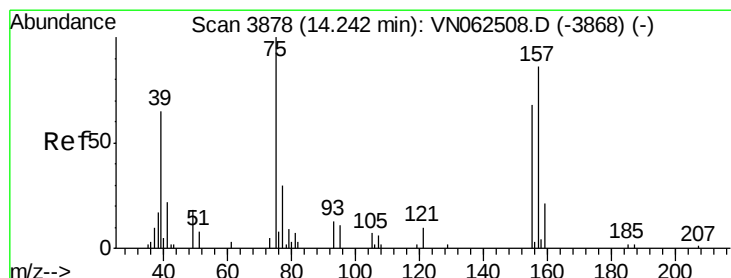
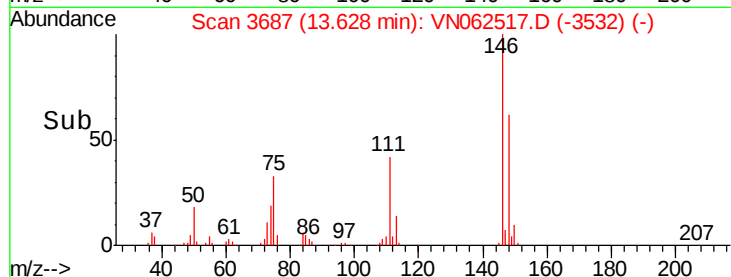
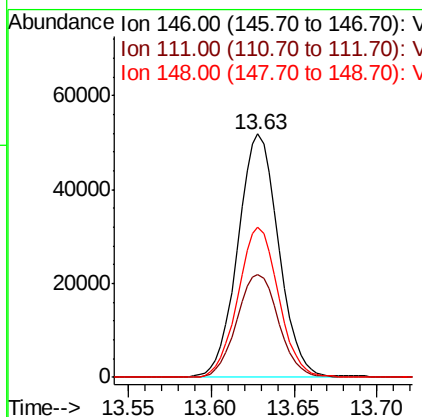
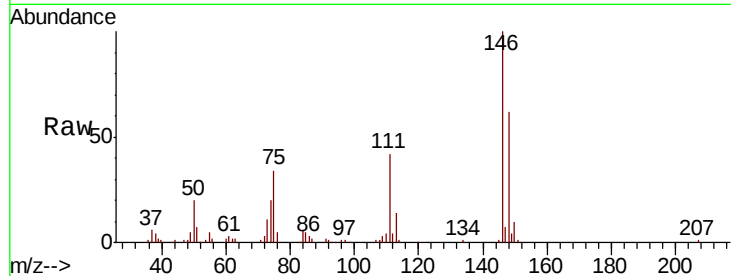




#87
 1,2-Dichlorobenzene
 Concen: 19.487 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

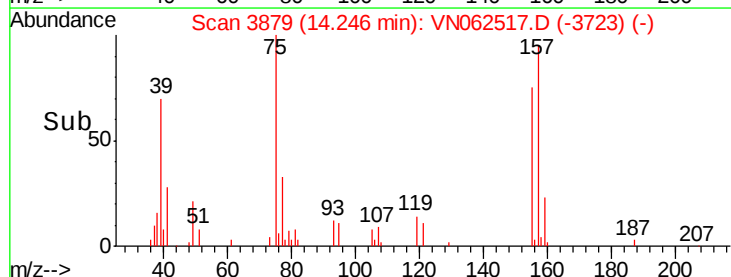
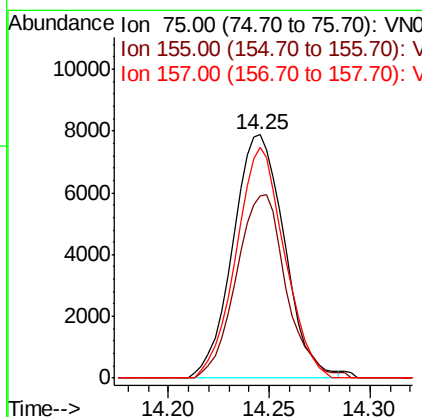
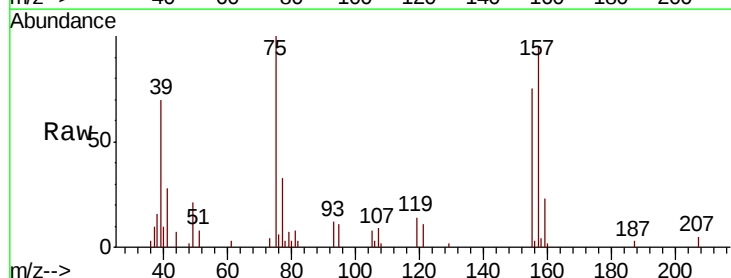
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

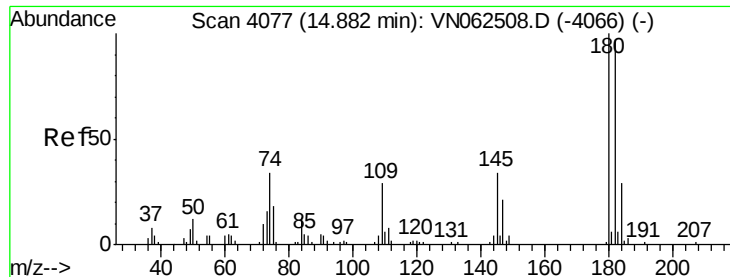
Tot Ion:146 Resp: 88747
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.4 67.0
 148 61.1 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.609 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion: 75 Resp: 14093
 Ion Ratio Lower Upper
 75 100
 155 72.3 55.7 83.5
 157 88.9 71.0 106.6

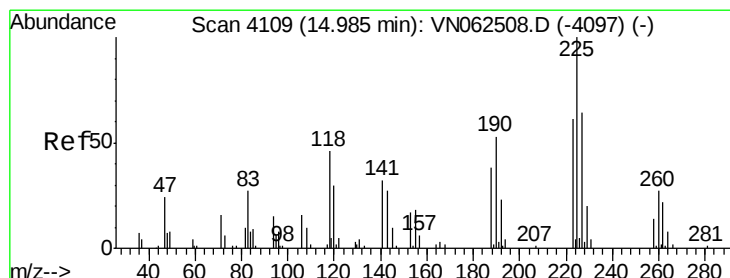
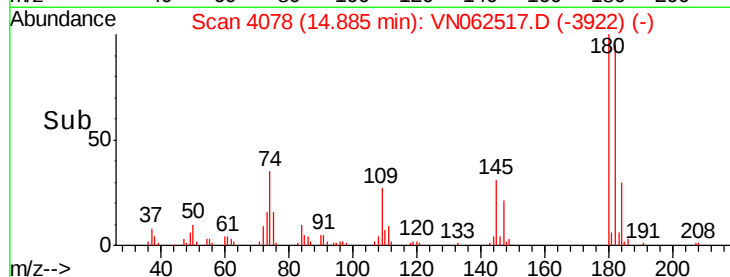
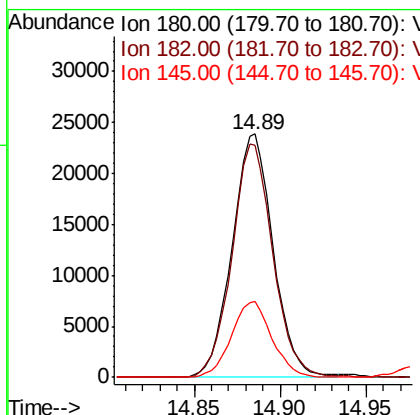
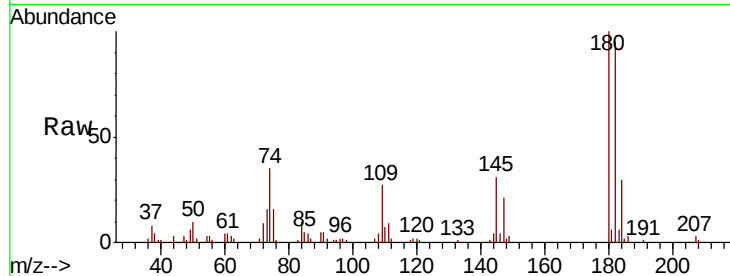




#89
 1,2,4-Trichlorobenzene
 Concen: 17.503 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

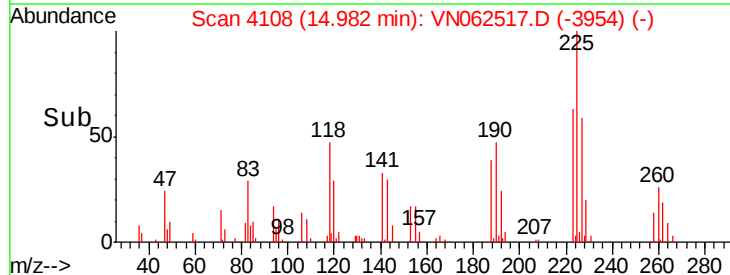
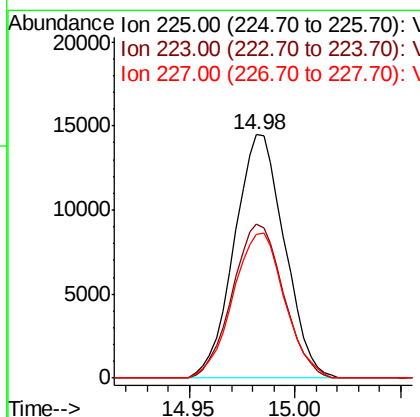
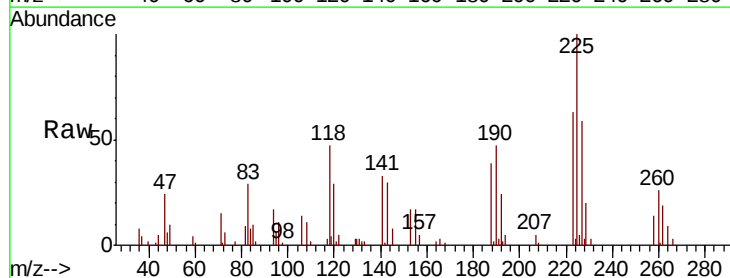
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

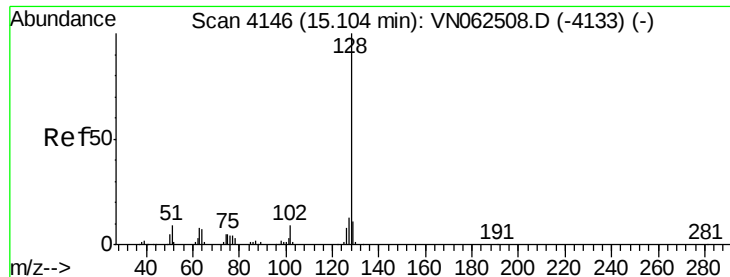
Tot Ion:180 Resp: 39682
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.5 116.3
 145 30.6 26.1 39.1



#90
 Hexachlorobutadiene
 Concen: 19.043 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion:225 Resp: 23946
 Ion Ratio Lower Upper
 225 100
 223 64.3 0.0 120.4
 227 61.5 0.0 129.6





#91

Naphthalene

Concen: 18.117 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

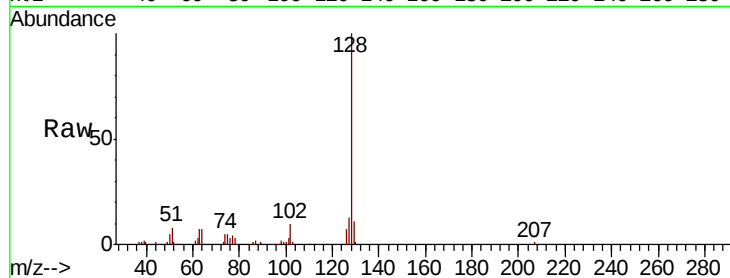
Tot Ion:128 Resp: 111368

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.8 8.8 13.2

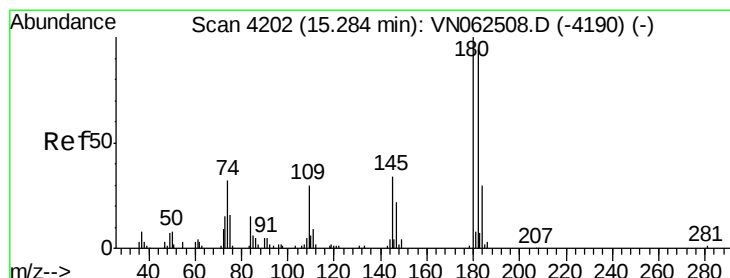
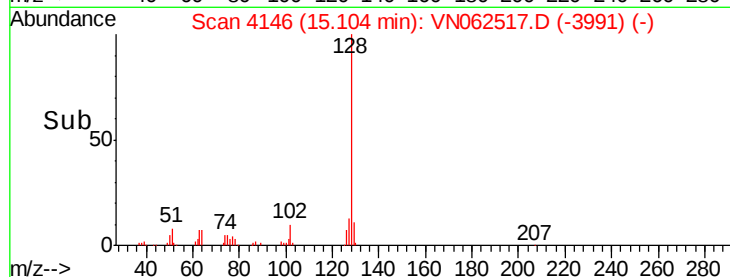
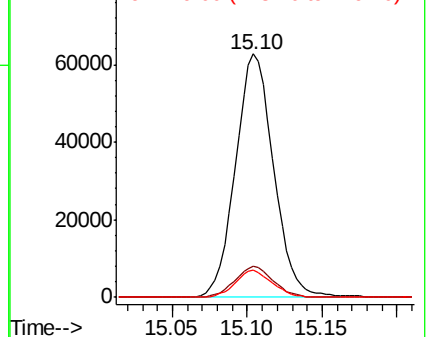


Abundance

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: 17.752 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

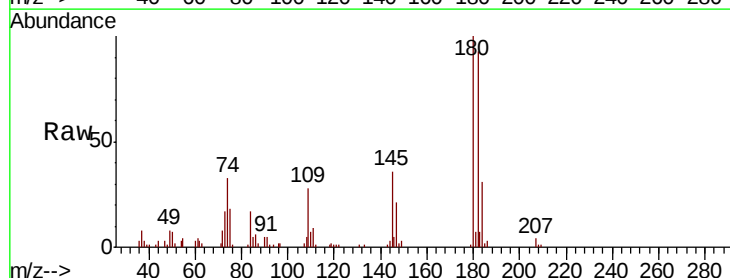
Tgt Ion:180 Resp: 40563

Ion Ratio Lower Upper

180 100

182 94.7 0.0 187.2

145 34.0 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

