

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042220\
 Data File : VN061134.D
 Acq On : 22 Apr 2020 18:01
 Operator : JC/MD
 Sample : VN0422WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

Quant Time: Apr 29 13:42:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	190611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	309145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	284513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.16	152	137597	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.77	65	119062	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	7.31	113	86504	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	9.88	98	358220	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.21	95	131707	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.72	85	33889	19.12	ug/l	99
3) Chloromethane	1.91	50	38663	17.86	ug/l	99
4) Vinyl Chloride	2.03	62	46388	17.66	ug/l	97
5) Bromomethane	2.39	94	23431	18.35	ug/l	98
6) Chloroethane	2.52	64	24548	17.69	ug/l	98
7) Trichlorofluoromethane	2.82	101	55433	19.79	ug/l	96
8) Diethyl Ether	3.18	74	22371	17.29	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.51	101	34642	18.51	ug/l	100
10) Methyl Iodide	3.69	142	50789	18.82	ug/l	100
11) Tert butyl alcohol	4.44	59	22093	67.84	ug/l	97
12) 1,1-Dichloroethene	3.49	96	35750	18.76	ug/l	99
13) Acrolein	3.36	56	21700	87.20	ug/l	99
14) Allyl chloride	4.03	41	54355	20.42	ug/l	96
15) Acrylonitrile	4.64	53	84965	84.20	ug/l	99
16) Acetone	3.54	43	78200	81.24	ug/l	99
17) Carbon Disulfide	3.78	76	101007	17.73	ug/l	99
18) Methyl Acetate	4.02	43	48206	15.72	ug/l	98
19) Methyl tert-butyl Ether	4.70	73	120218	17.86	ug/l	99
20) Methylene Chloride	4.24	84	38411	17.39	ug/l	97
21) trans-1,2-Dichloroethene	4.70	96	39238	17.18	ug/l	93
22) Diisopropyl ether	5.61	45	122193	17.53	ug/l	97
23) Vinyl Acetate	5.55	43	490172	87.72	ug/l	99
24) 1,1-Dichloroethane	5.51	63	69665	18.06	ug/l	99
25) 2-Butanone	6.51	43	112105	81.39	ug/l	100
26) 2,2-Dichloropropane	6.50	77	62363	17.95	ug/l	100
27) cis-1,2-Dichloroethene	6.51	96	43974	17.35	ug/l	98
28) Bromochloromethane	6.90	49	30543	18.42	ug/l	97
29) Tetrahydrofuran	6.90	42	76517	80.70	ug/l	100
30) Chloroform	7.08	83	70872	18.16	ug/l	99
31) Cyclohexane	7.38	56	67518	17.40	ug/l	96
32) 1,1,1-Trichloroethane	7.29	97	62559	17.98	ug/l	100
36) 1,1-Dichloropropene	7.52	75	54895	18.17	ug/l	99
37) Ethyl Acetate	6.61	43	49716	16.42	ug/l	99
38) Carbon Tetrachloride	7.50	117	45571	17.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	66714	18.06	ug/l	97
40) Benzene	7.78	78	159649	17.85	ug/l	99
41) Methacrylonitrile	6.90	41	71516	49.75	ug/l #	22
42) 1,2-Dichloroethane	7.87	62	57103	17.91	ug/l	99
43) Isopropyl Acetate	7.92	43	87602	17.03	ug/l	100
44) Trichloroethene	8.61	130	47865	18.40	ug/l	99
45) 1,2-Dichloropropane	8.89	63	41827	17.67	ug/l	98
46) Dibromomethane	8.98	93	27557	18.17	ug/l	98
47) Bromodichloromethane	9.18	83	55184	18.46	ug/l	98
48) Methyl methacrylate	8.98	41	38970	16.09	ug/l	97
49) 1,4-Dioxane	8.98	88	8214	270.89	ug/l	95
51) 4-Methyl-2-Pentanone	9.78	43	247953	82.60	ug/l	99
52) Toluene	9.95	92	99570	17.78	ug/l	99
53) t-1,3-Dichloropropene	10.18	75	63877	17.46	ug/l	99
54) cis-1,3-Dichloropropene	9.63	75	68271	17.94	ug/l	100
55) 1,1,2-Trichloroethane	10.36	97	38655	17.91	ug/l	99
56) Ethyl methacrylate	10.24	69	56347	17.14	ug/l	98
57) 1,3-Dichloropropane	10.51	76	65444	17.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.49	63	155047	91.46	ug/l	100
59) 2-Hexanone	10.56	43	179948	81.15	ug/l	100
60) Dibromochloromethane	10.71	129	39806	17.64	ug/l	97
61) 1,2-Dibromoethane	10.80	107	39217	17.64	ug/l	100
64) Tetrachloroethene	10.43	164	52989	18.19	ug/l	99
65) Chlorobenzene	11.24	112	104688	18.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	37511	18.30	ug/l	99
67) Ethyl Benzene	11.32	91	193601	17.98	ug/l	100
68) m/p-Xylenes	11.43	106	145585	36.20	ug/l	100
69) o-Xylene	11.76	106	69698	17.95	ug/l	99
70) Styrene	11.77	104	112215	17.84	ug/l	99
71) Bromoform	11.93	173	27374	17.71	ug/l #	98
73) Isopropylbenzene	12.06	105	186503	17.94	ug/l	100
74) N-amyl acetate	11.89	43	77204	16.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.32	83	49199	17.66	ug/l	98
76) 1,2,3-Trichloropropane	12.36	75	72971	22.99	ug/l #	100
77) Bromobenzene	12.33	156	45297	17.88	ug/l	99
78) n-propylbenzene	12.40	91	218646	17.93	ug/l	100
79) 2-Chlorotoluene	12.48	91	125969	17.79	ug/l	99
80) 1,3,5-Trimethylbenzene	12.55	105	156281	17.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.11	75	19894	16.46	ug/l	99
82) 4-Chlorotoluene	12.58	91	132750	17.67	ug/l	99
83) tert-Butylbenzene	12.81	119	133465	18.14	ug/l	99
84) 1,2,4-Trimethylbenzene	12.85	105	156630	17.95	ug/l	100
85) sec-Butylbenzene	12.98	105	179737	18.06	ug/l	100
86) p-Isopropyltoluene	13.10	119	163952	18.15	ug/l	99
87) 1,3-Dichlorobenzene	13.09	146	81931	18.25	ug/l	99
88) 1,4-Dichlorobenzene	13.17	146	82057	18.01	ug/l	98
89) n-Butylbenzene	13.43	91	147218	17.86	ug/l	100
90) Hexachloroethane	13.68	117	10710	14.75	ug/l	98
91) 1,2-Dichlorobenzene	13.46	146	77370	18.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.08	75	10408	17.21	ug/l	99

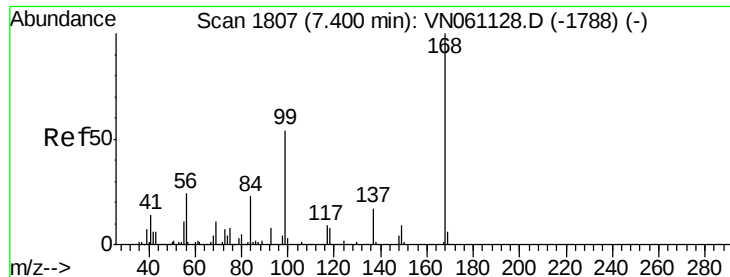
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042220\
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Quant Title : SW846 8260
QLast Update : Wed Apr 22 15:26:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.72	180	50976	18.25	ug/l	99
94) Hexachlorobutadiene	14.82	225	22297	18.30	ug/l	97
95) Naphthalene	14.93	128	154158	17.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	50179	18.70	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

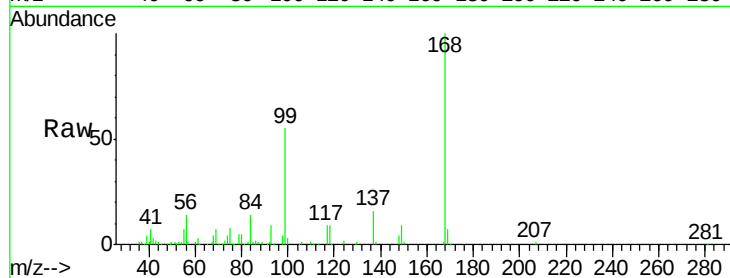
VN0422WBSD01

Tgt Ion:168 Resp: 190611

Ion Ratio Lower Upper

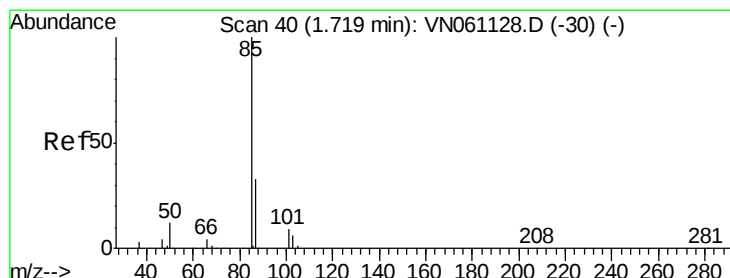
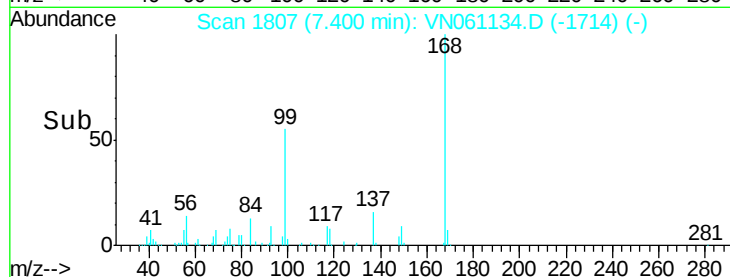
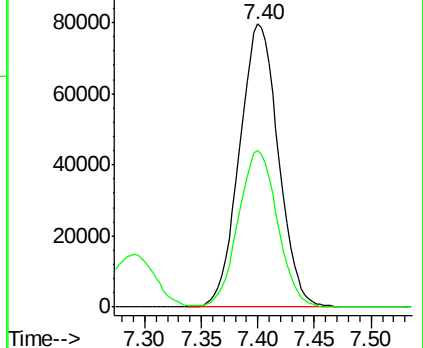
168 100

99 55.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.12 ug/l

RT: 1.72 min Scan# 41

Delta R.T. 0.00 min

Lab File: VN061134.D

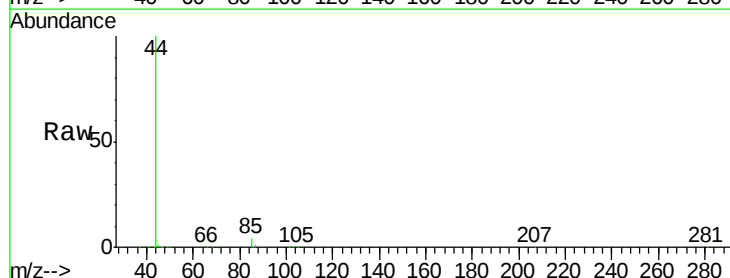
Acq: 22 Apr 2020 18:01

Tgt Ion: 85 Resp: 33889

Ion Ratio Lower Upper

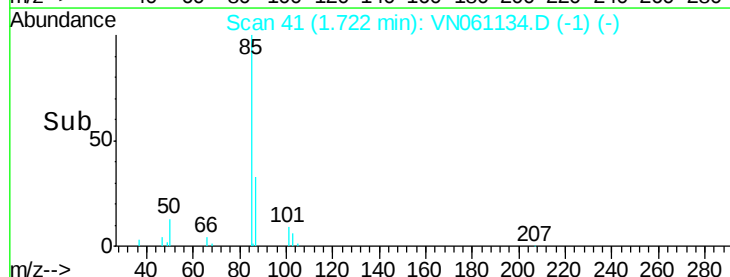
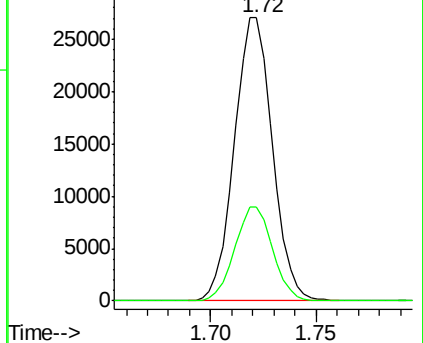
85 100

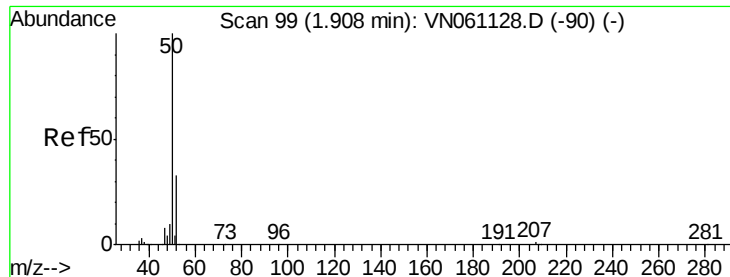
87 33.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.86 ug/l

RT: 1.91 min Scan# 100

Delta R.T. 0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

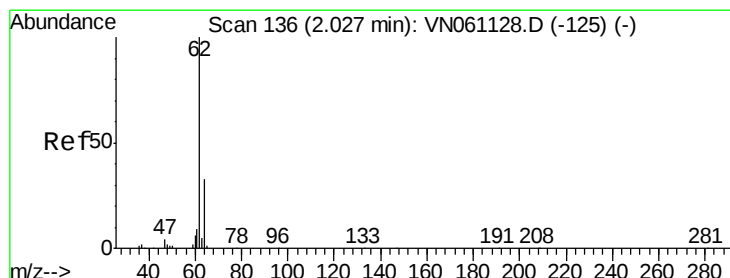
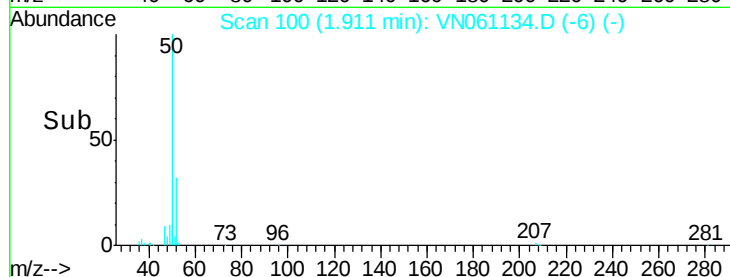
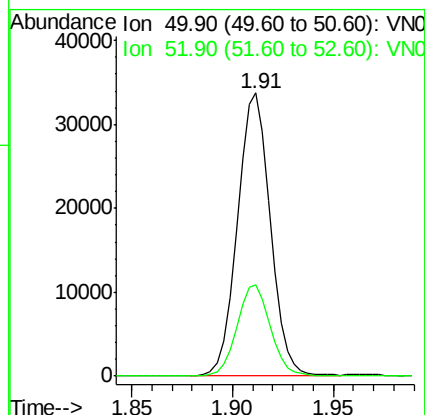
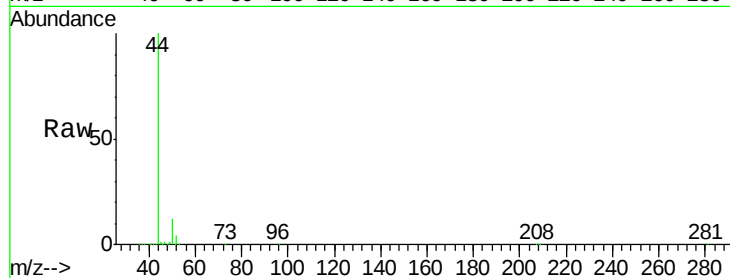
VN0422WBSD01

Tgt Ion: 50 Resp: 38663

Ion Ratio Lower Upper

50 100

52 32.4 26.3 39.5



#4

Vinyl Chloride

Concen: 17.66 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061134.D

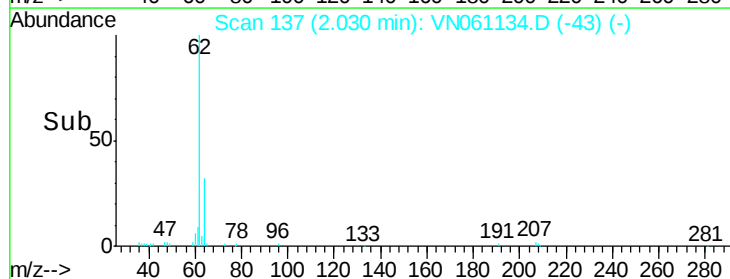
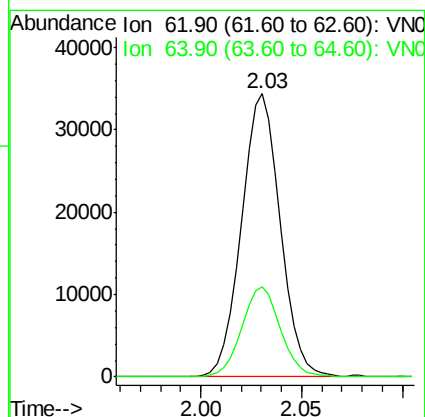
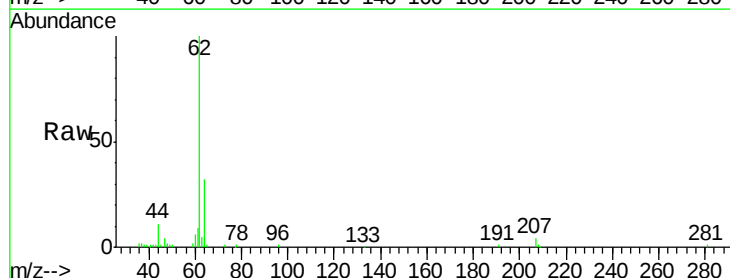
Acq: 22 Apr 2020 18:01

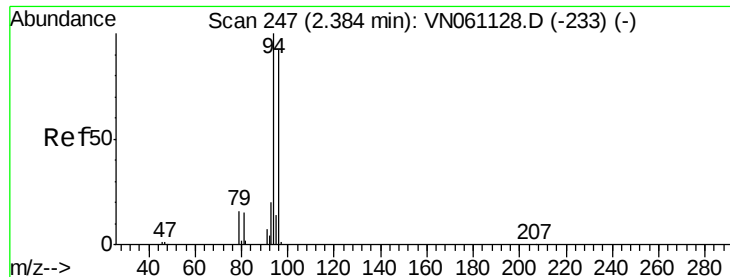
Tgt Ion: 62 Resp: 46388

Ion Ratio Lower Upper

62 100

64 31.7 26.6 40.0





#5

Bromomethane

Concen: 18.35 ug/l

RT: 2.39 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

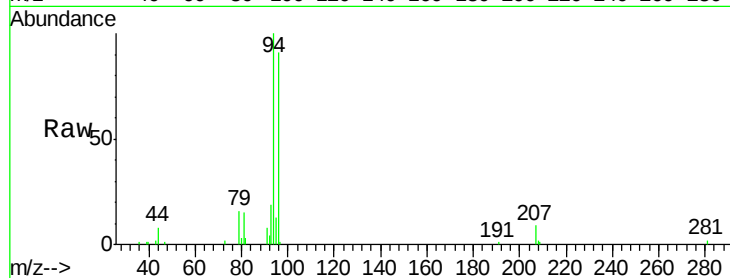
VN0422WBSD01

Tgt Ion: 94 Resp: 23431

Ion Ratio Lower Upper

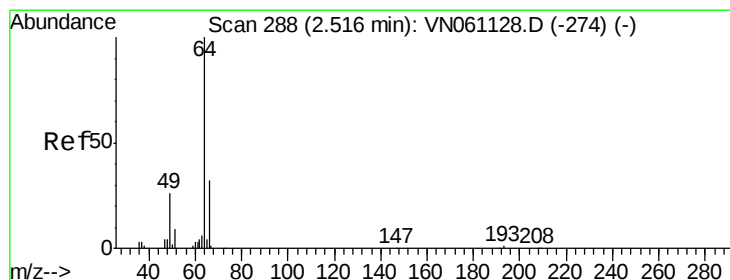
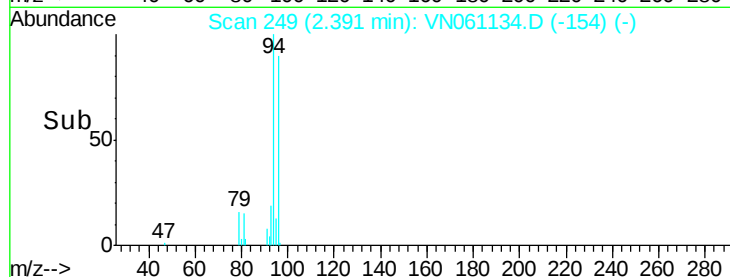
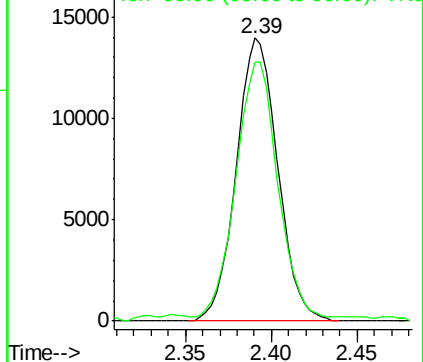
94 100

96 89.9 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.69 ug/l

RT: 2.52 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN061134.D

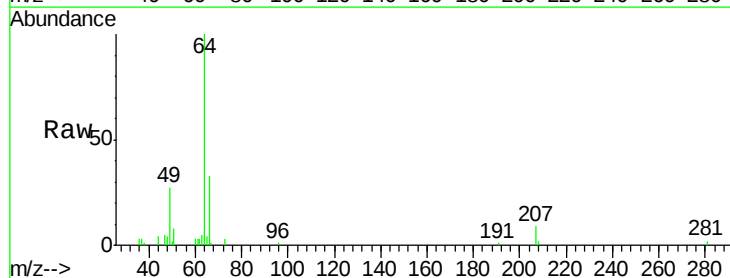
Acq: 22 Apr 2020 18:01

Tgt Ion: 64 Resp: 24548

Ion Ratio Lower Upper

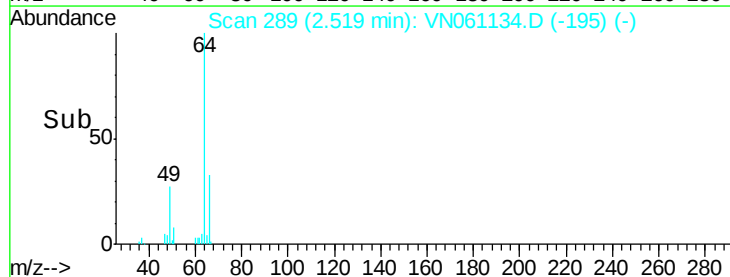
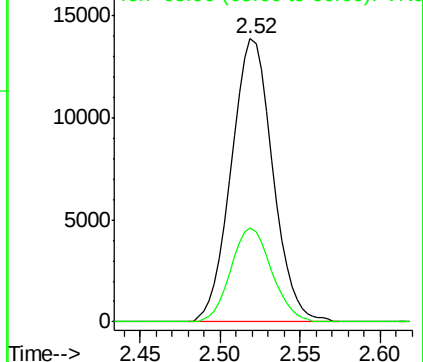
64 100

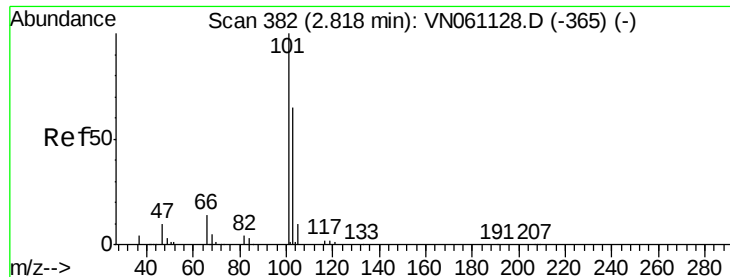
66 33.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



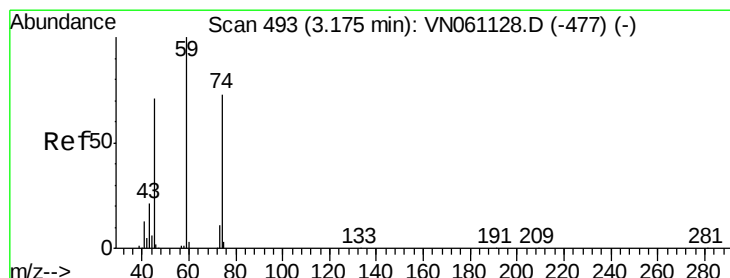
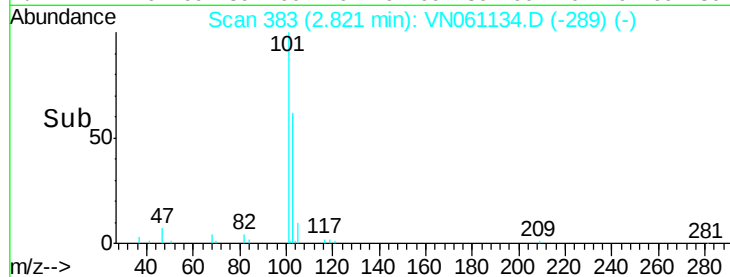
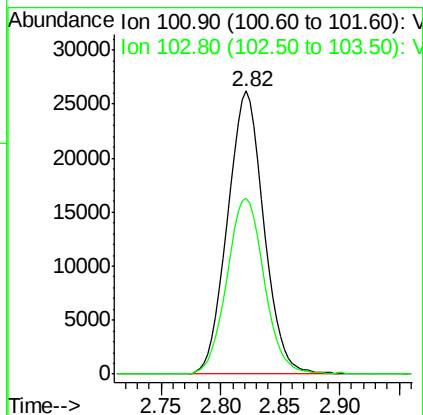
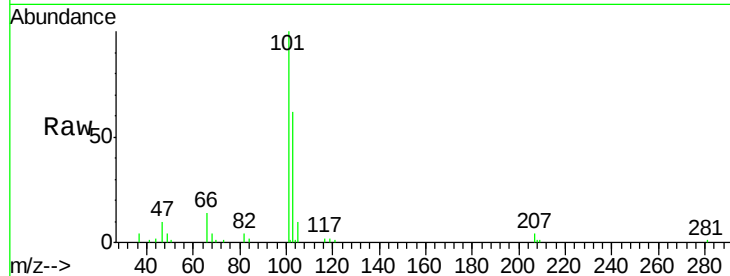


#7

Trichlorofluoromethane
 Concen: 19.79 ug/l
 RT: 2.82 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Instrument :
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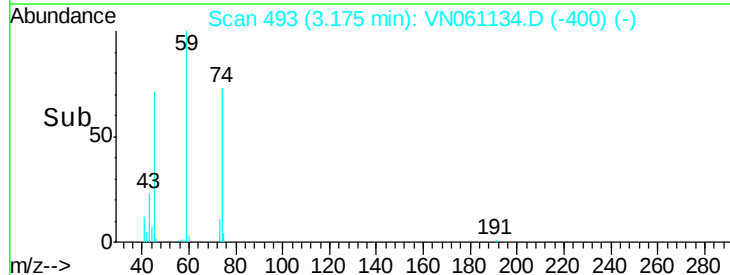
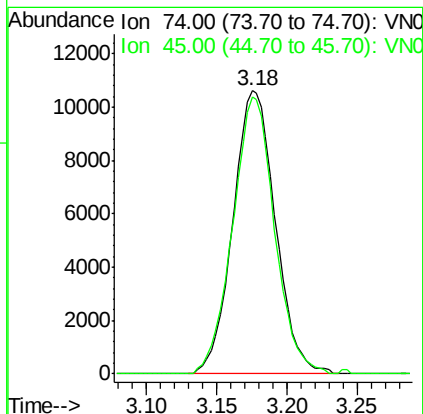
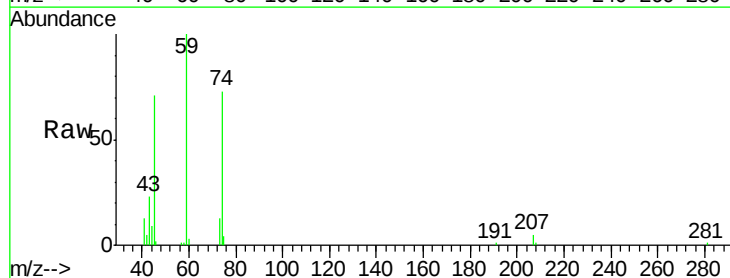
Tgt Ion: 101 Resp: 55433
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.1 78.1

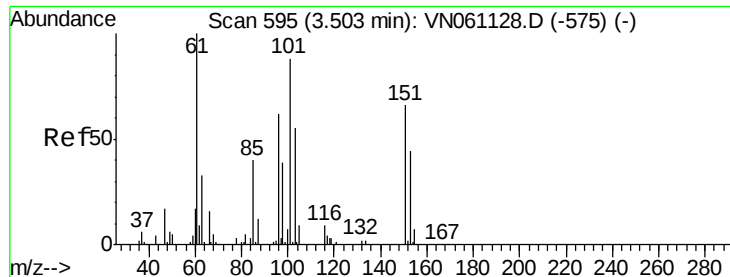


#8

Diethyl Ether
 Concen: 17.29 ug/l
 RT: 3.18 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 74 Resp: 22371
 Ion Ratio Lower Upper
 74 100
 45 96.5 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.51 ug/l

RT: 3.51 min Scan# 596

Delta R.T. 0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

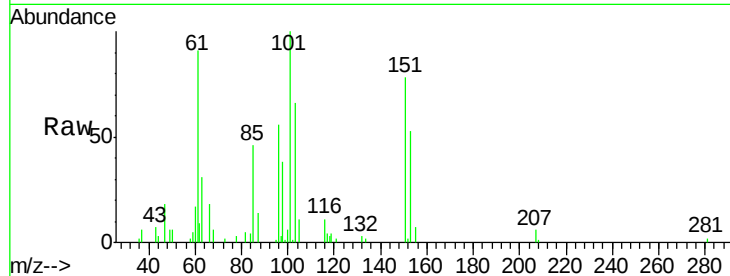
Tgt Ion:101 Resp: 34642

Ion Ratio Lower Upper

101 100

85 45.3 36.2 54.4

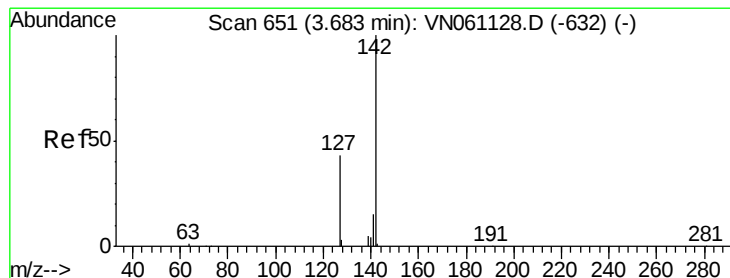
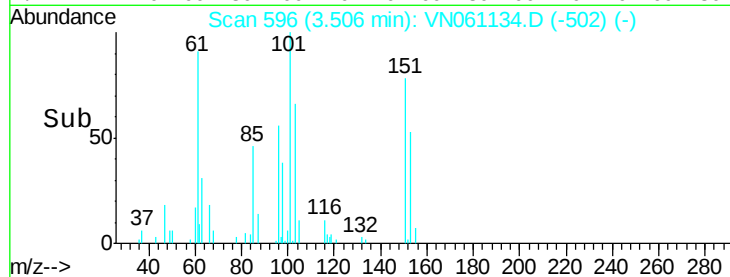
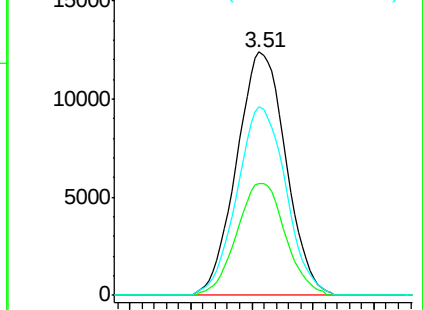
151 77.1 61.8 92.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.82 ug/l

RT: 3.69 min Scan# 652

Delta R.T. 0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

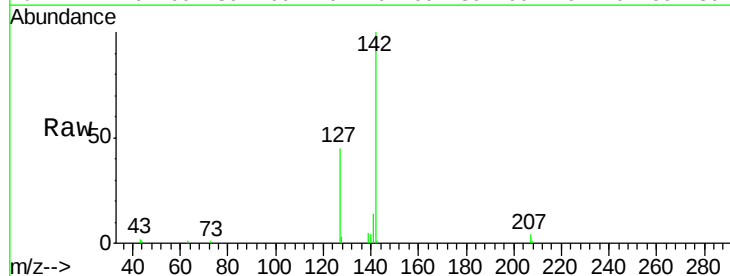
Tgt Ion:142 Resp: 50789

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.4

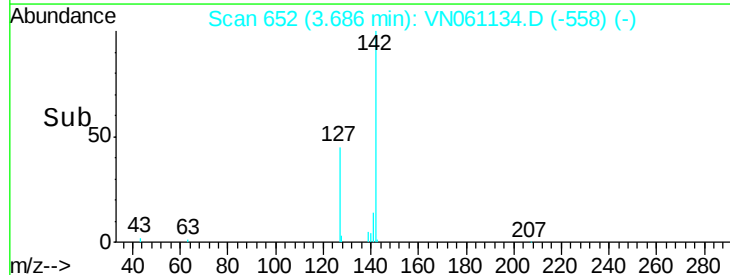
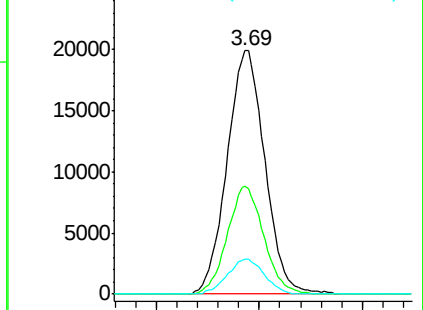
141 14.0 11.3 16.9

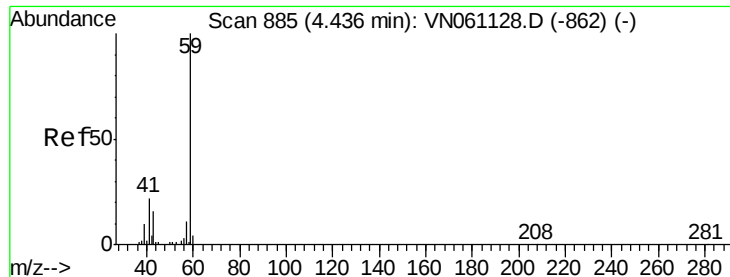


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

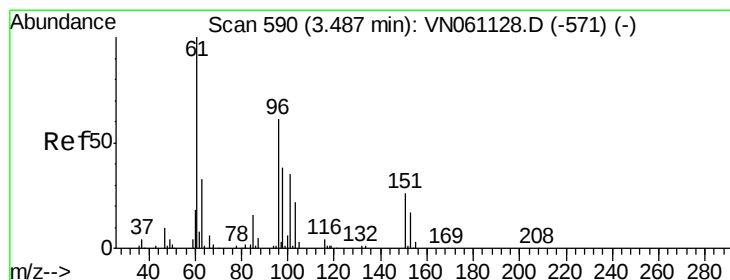
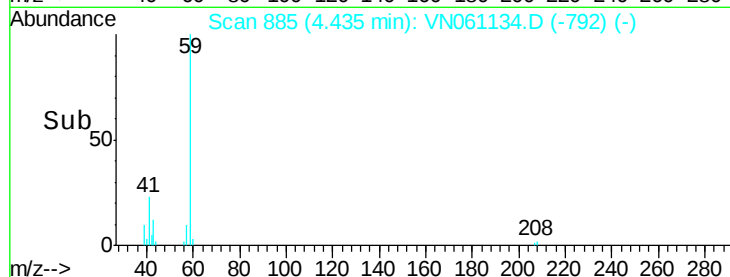
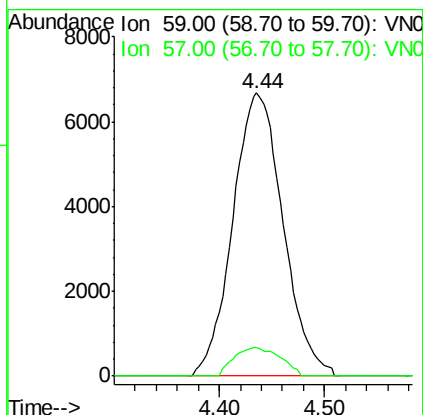
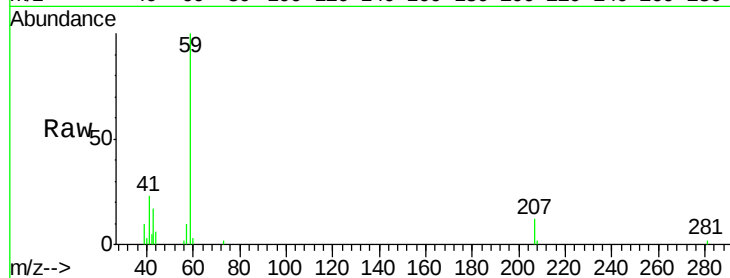




#11
Tert butyl alcohol
Concen: 67.84 ug/l
RT: 4.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

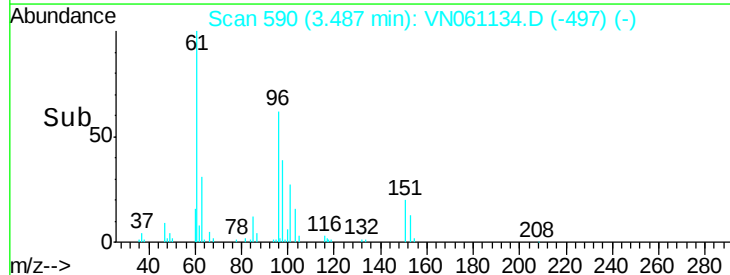
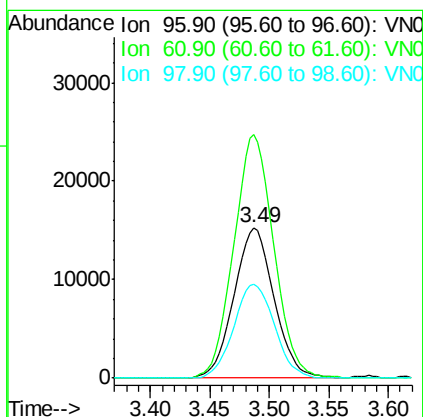
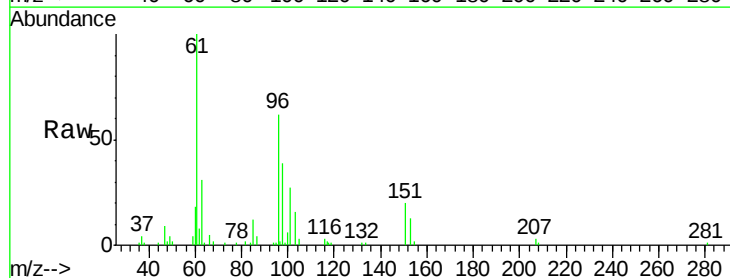
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

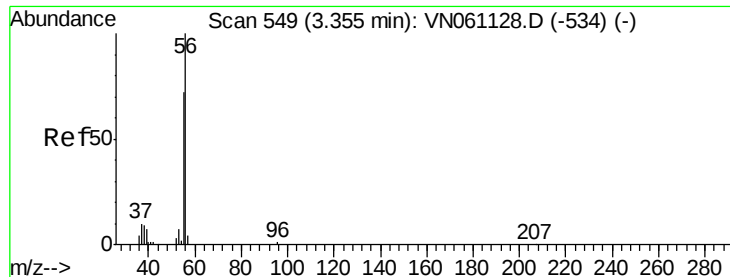
Tgt Ion: 59 Resp: 22093
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.76 ug/l
RT: 3.49 min Scan# 590
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion: 96 Resp: 35750
Ion Ratio Lower Upper
96 100
61 161.7 130.8 196.2
98 62.3 49.4 74.2





#13

Acrolein

Concen: 87.20 ug/l

RT: 3.36 min Scan# 550

Delta R.T. 0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

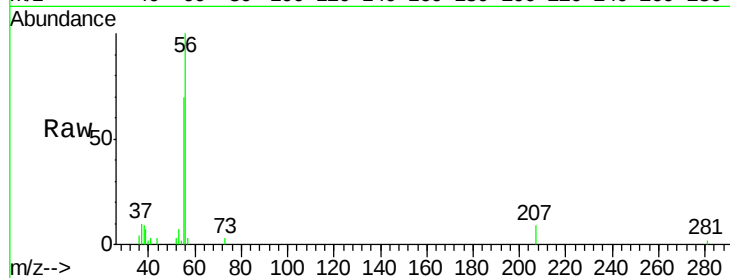
VN0422WBSD01

Tgt Ion: 56 Resp: 21700

Ion Ratio Lower Upper

56 100

55 70.5 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.36

10000

8000

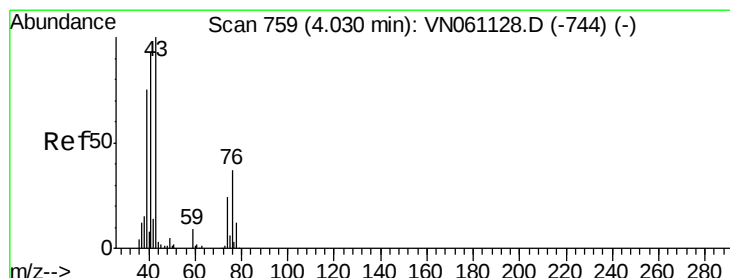
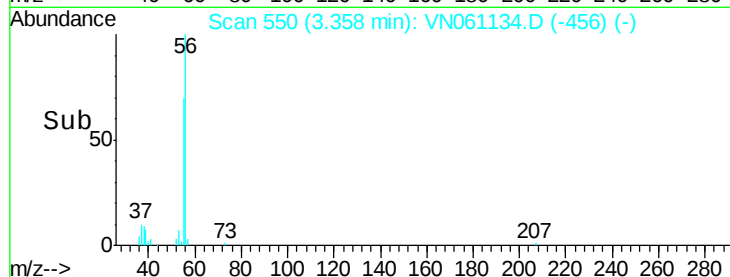
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 20.42 ug/l

RT: 4.03 min Scan# 758

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

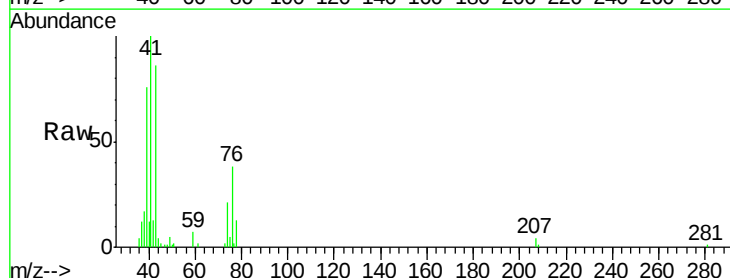
Tgt Ion: 41 Resp: 54355

Ion Ratio Lower Upper

41 100

39 79.7 61.0 91.4

76 39.0 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.03

25000

20000

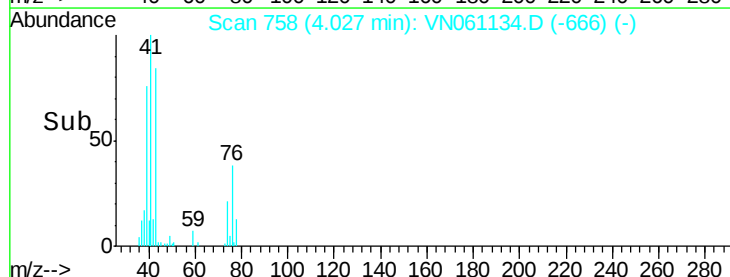
15000

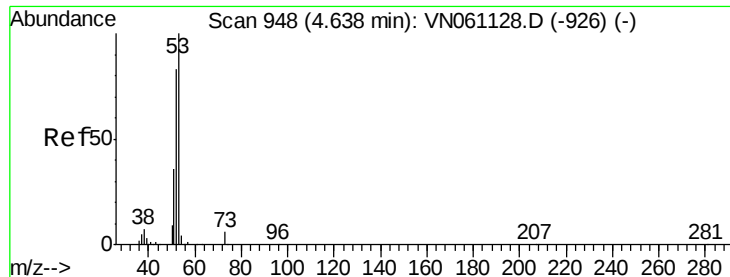
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 84.20 ug/l

RT: 4.64 min Scan# 948

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampled :

VN0422WBSD01

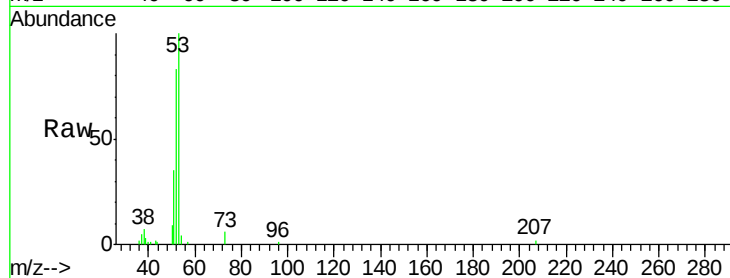
Tgt Ion: 53 Resp: 84965

Ion Ratio Lower Upper

53 100

52 83.1 66.1 99.1

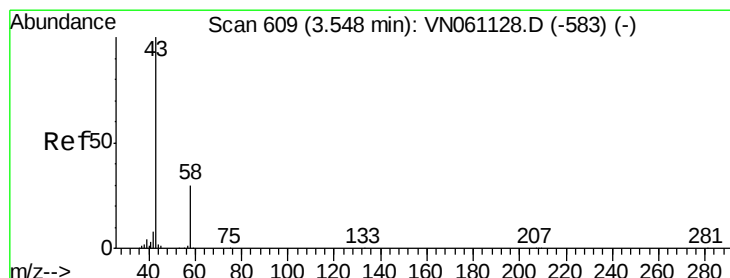
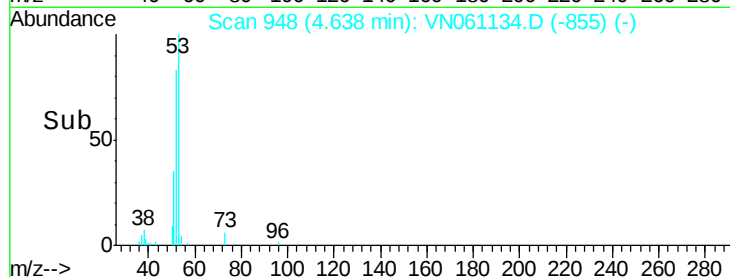
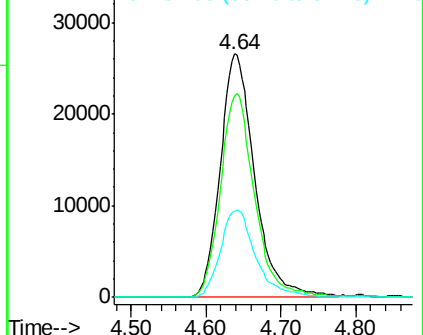
51 36.6 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VN061128.D (-926) (-)

Ion 52.00 (51.70 to 52.70): VN061128.D (-926) (-)

Ion 51.00 (50.70 to 51.70): VN061128.D (-926) (-)



#16

Acetone

Concen: 81.24 ug/l

RT: 3.54 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN061134.D

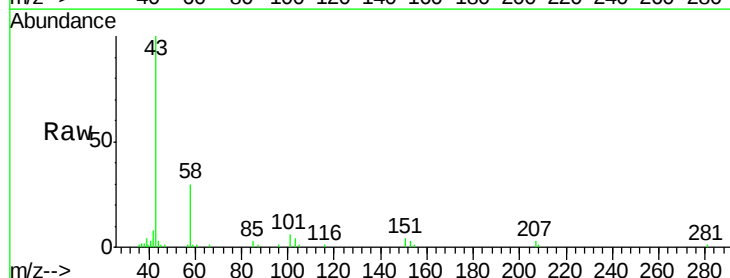
Acq: 22 Apr 2020 18:01

Tgt Ion: 43 Resp: 78200

Ion Ratio Lower Upper

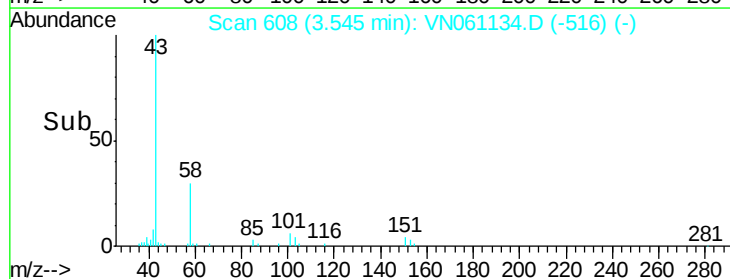
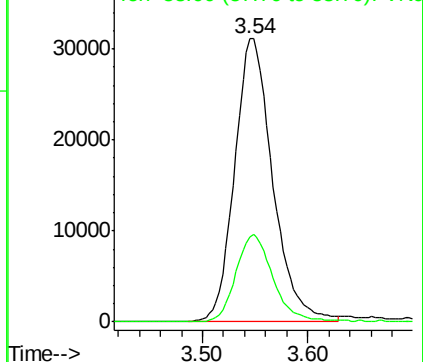
43 100

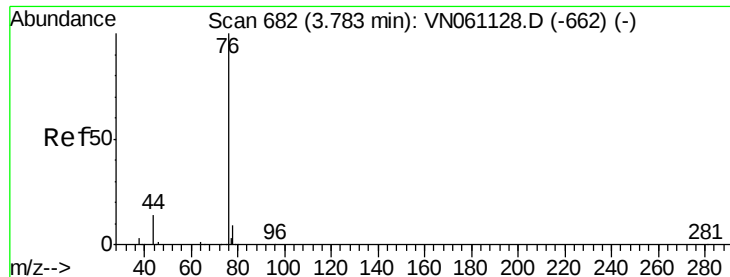
58 30.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN061128.D (-583) (-)

Ion 58.00 (57.70 to 58.70): VN061128.D (-583) (-)

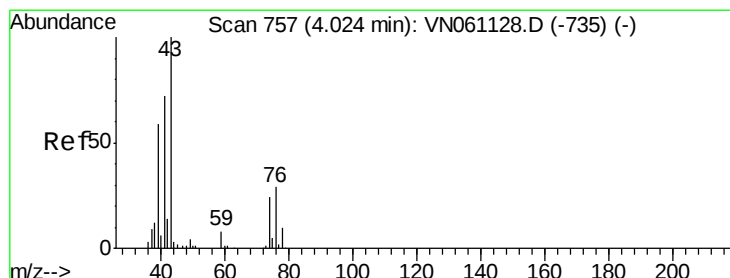
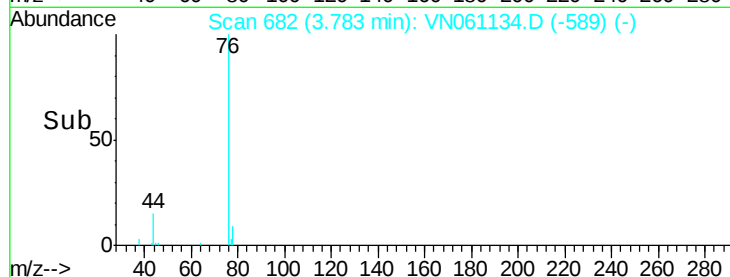
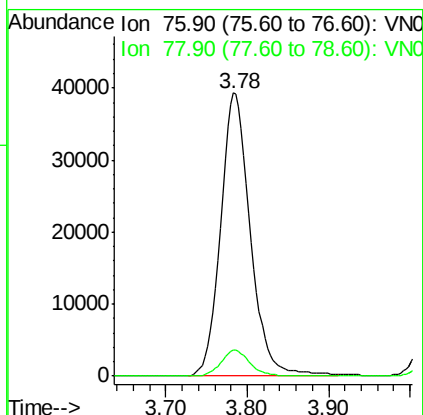
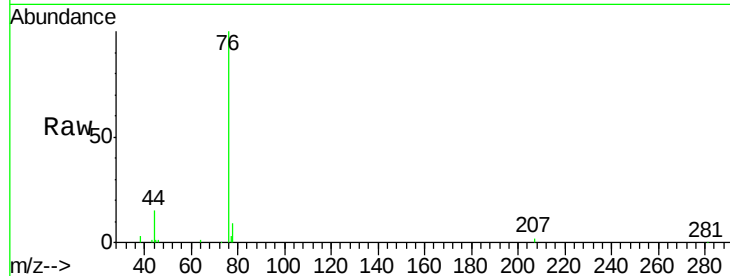




#17
Carbon Disulfide
Concen: 17.73 ug/l
RT: 3.78 min Scan# 682
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

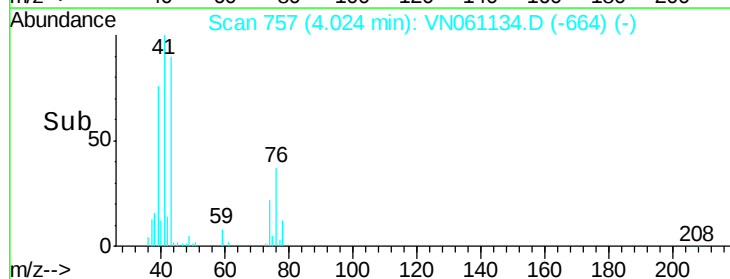
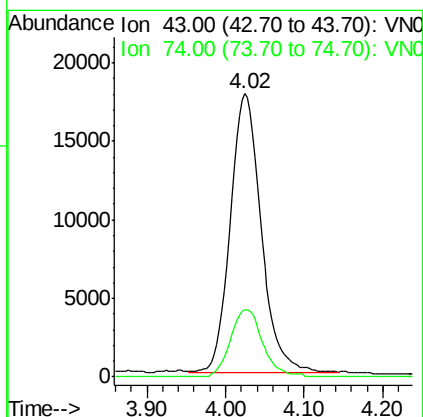
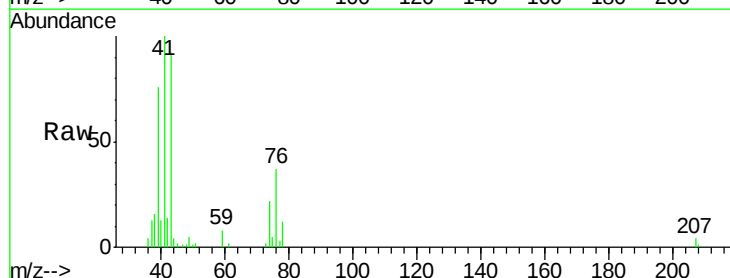
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

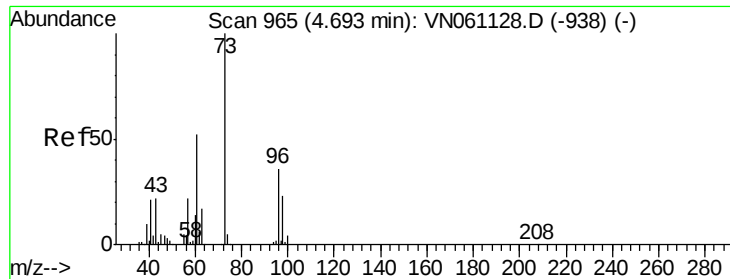
Tgt Ion: 76 Resp: 101007
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 15.72 ug/l
RT: 4.02 min Scan# 757
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion: 43 Resp: 48206
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.0

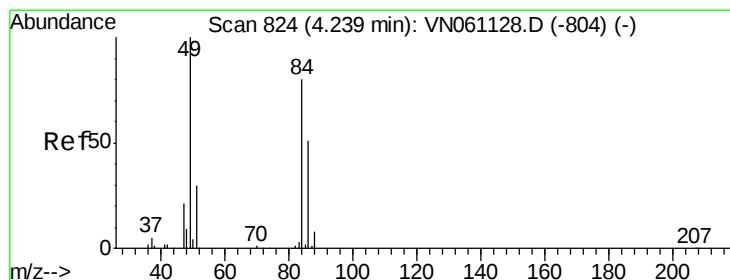
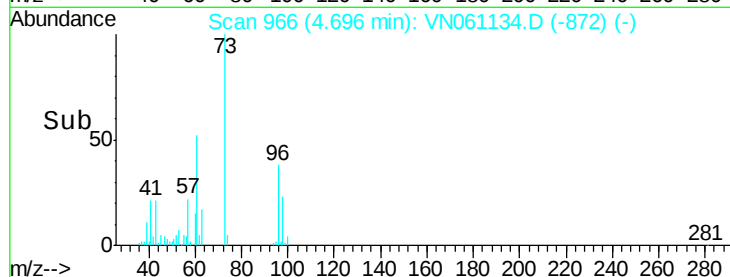
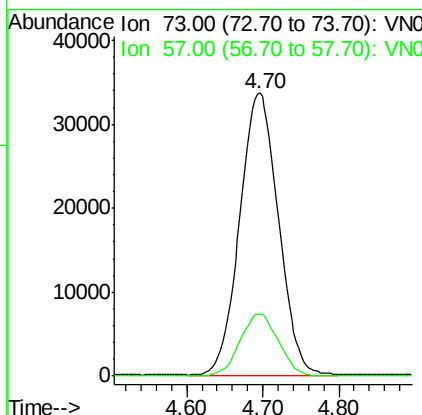
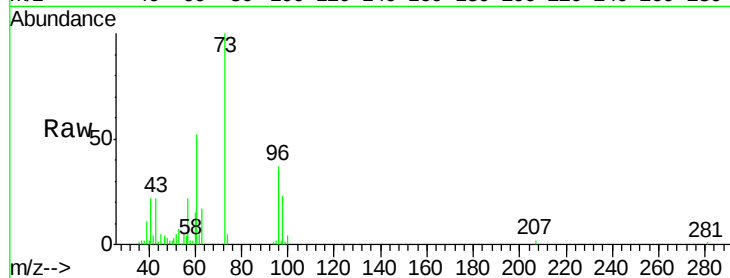




#19
Methyl tert-butyl Ether
Concen: 17.86 ug/l
RT: 4.70 min Scan# 966
Delta R.T. 0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

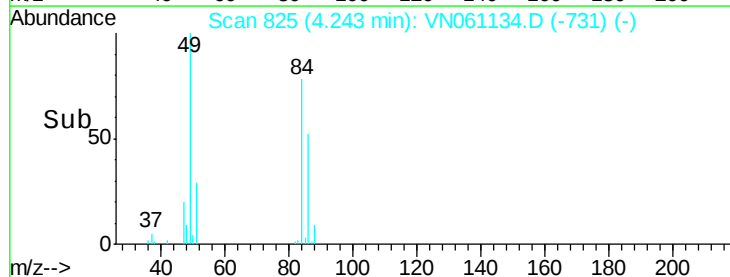
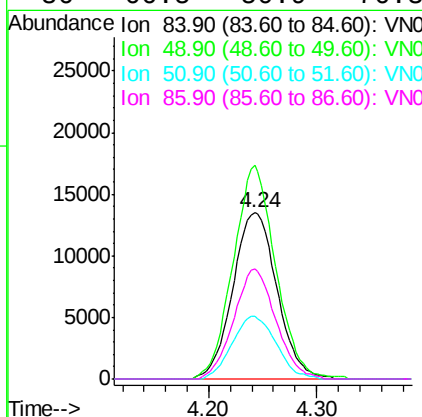
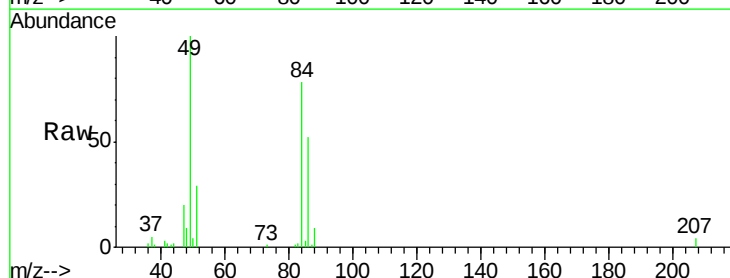
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

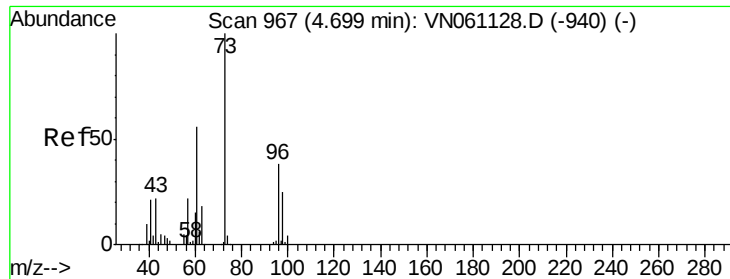
Tgt Ion: 73 Resp: 120218
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 17.39 ug/l
RT: 4.24 min Scan# 825
Delta R.T. 0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion: 84 Resp: 38411
Ion Ratio Lower Upper
84 100
49 128.5 99.8 149.6
51 37.6 29.9 44.9
86 66.5 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 17.18 ug/l

RT: 4.70 min Scan# 968

Delta R.T. 0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

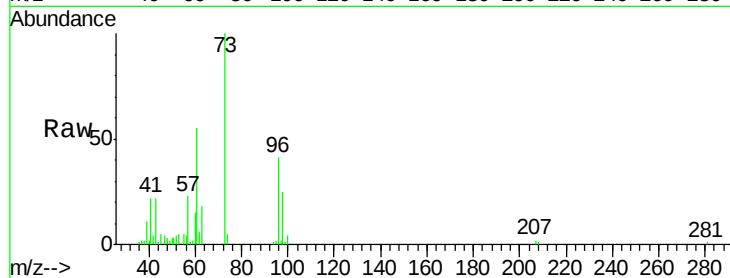
Tgt Ion: 96 Resp: 39238

Ion Ratio Lower Upper

96 100

61 134.8 116.4 174.6

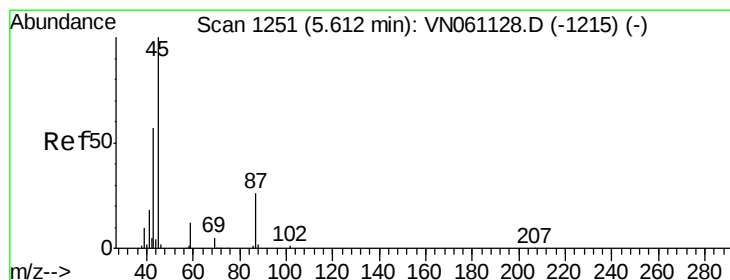
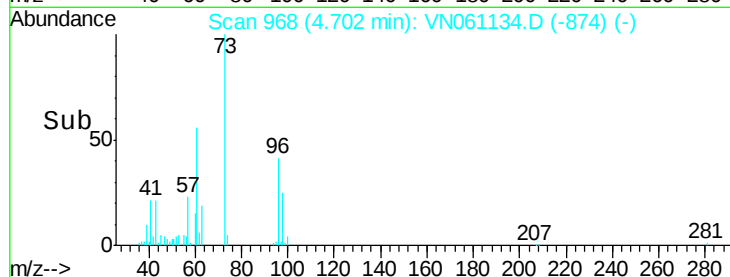
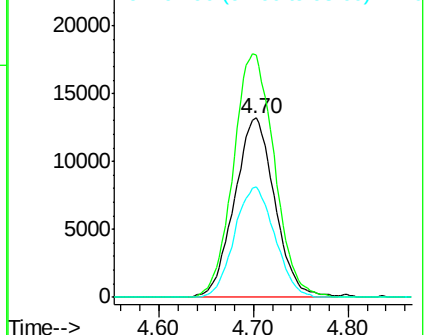
98 61.6 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 17.53 ug/l

RT: 5.61 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Tgt Ion: 45 Resp: 122193

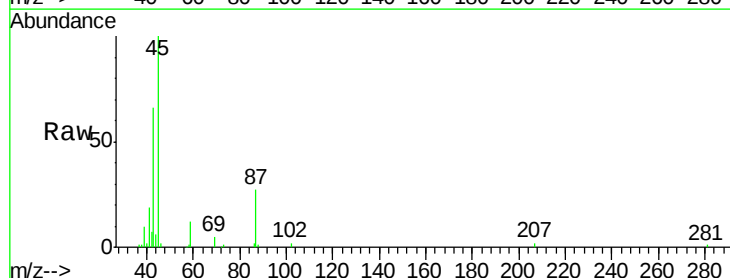
Ion Ratio Lower Upper

45 100

43 64.6 48.4 72.6

87 26.8 21.4 32.0

59 12.2 9.4 14.2

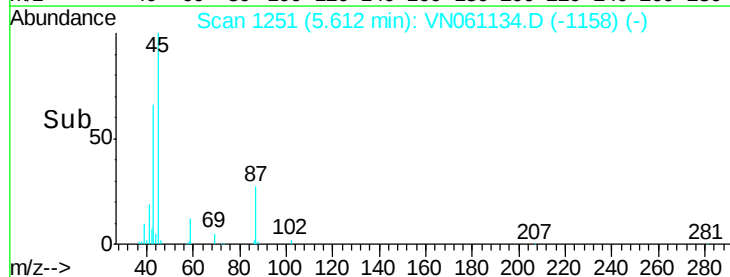
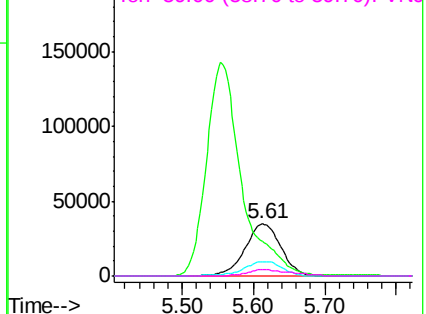


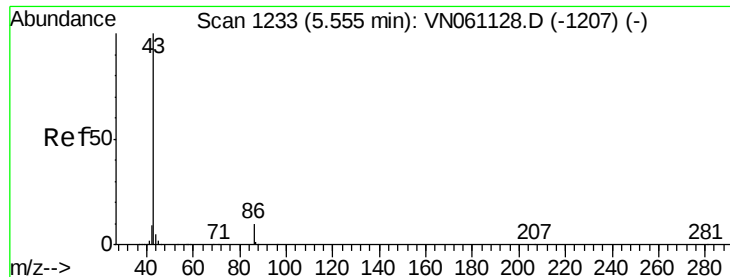
Abundance Ion 45.00 (44.70 to 45.70): VN0

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





#23

Vinyl Acetate

Concen: 87.72 ug/l

RT: 5.55 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

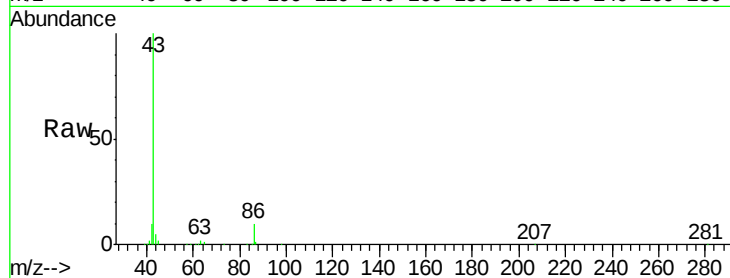
VN0422WBSD01

Tgt Ion: 43 Resp: 490172

Ion Ratio Lower Upper

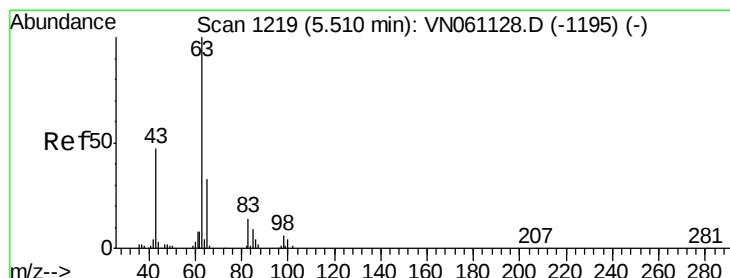
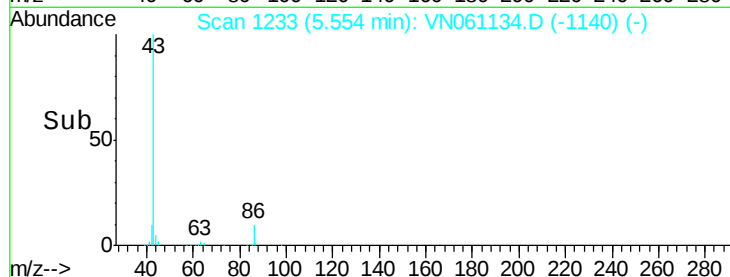
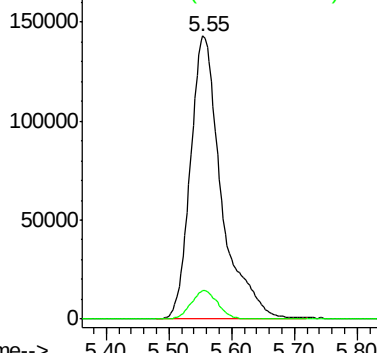
43 100

86 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.06 ug/l

RT: 5.51 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

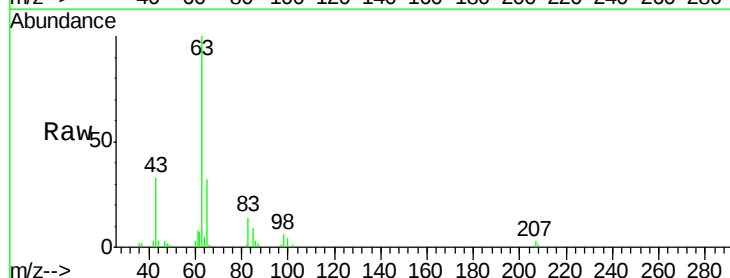
Tgt Ion: 63 Resp: 69665

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

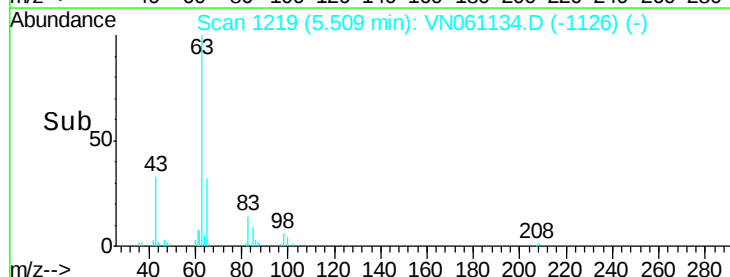
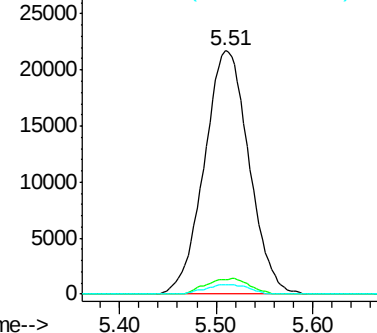
100 3.7 2.0 6.0

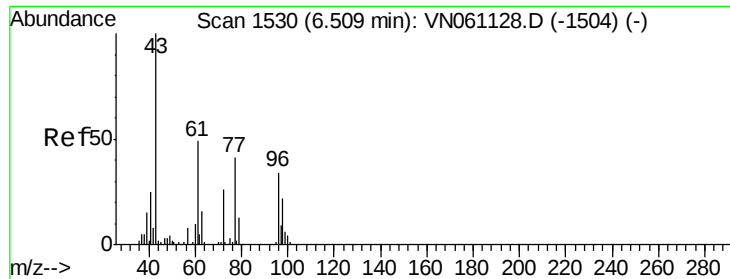


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

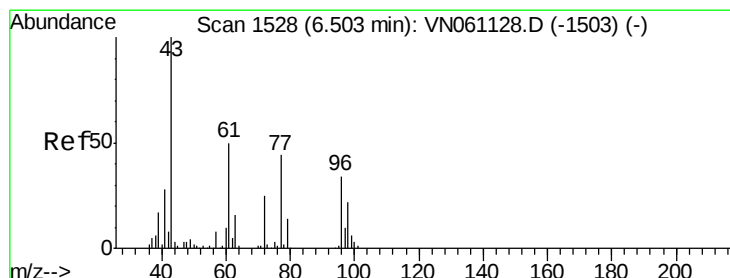
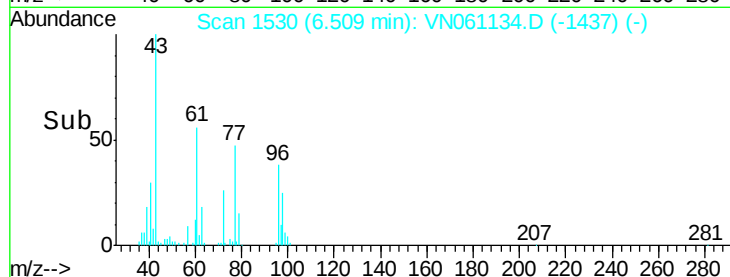
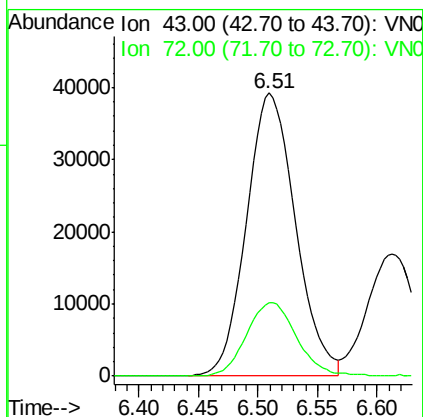
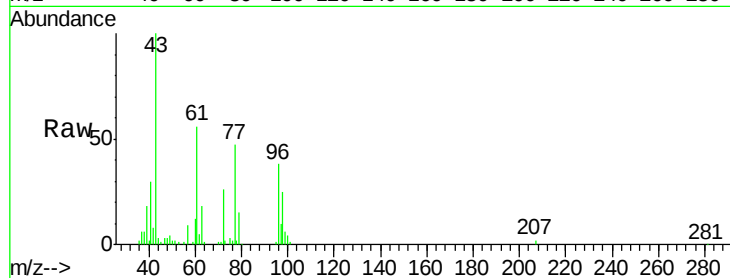




#25
 2-Butanone
 Concen: 81.39 ug/l
 RT: 6.51 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

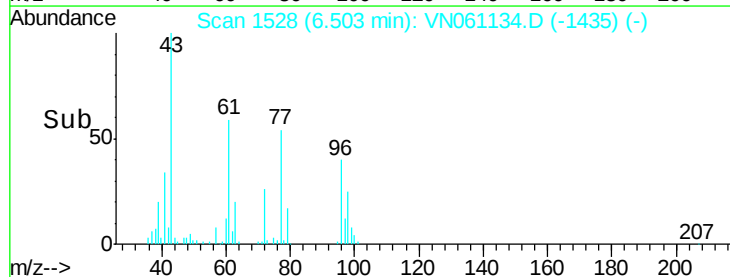
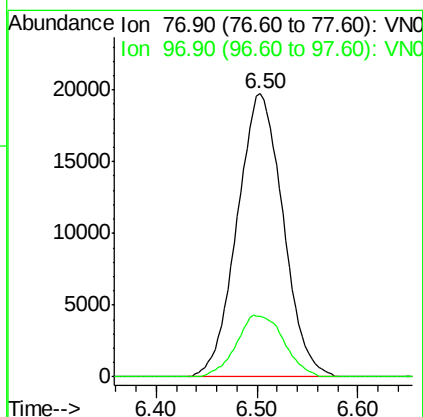
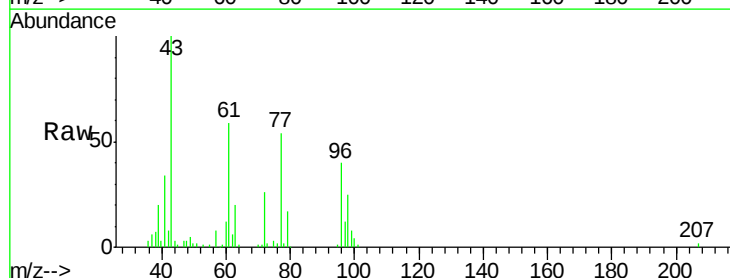
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

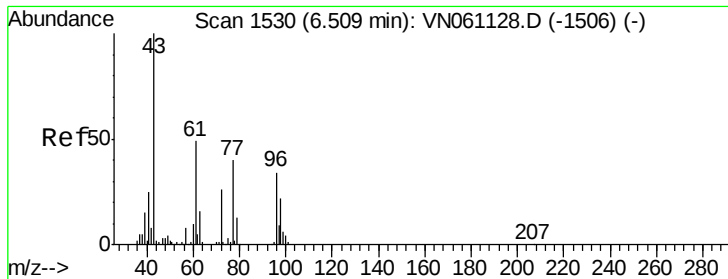
Tgt Ion: 43 Resp: 112105
 Ion Ratio Lower Upper
 43 100
 72 25.9 20.8 31.2



#26
 2,2-Dichloropropane
 Concen: 17.95 ug/l
 RT: 6.50 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 77 Resp: 62363
 Ion Ratio Lower Upper
 77 100
 97 22.6 11.4 34.1

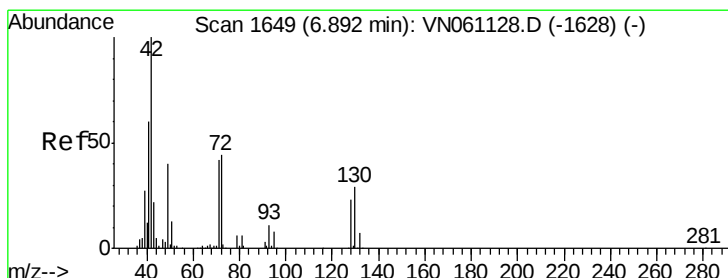
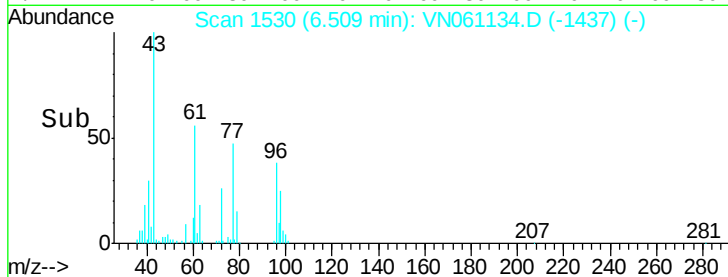
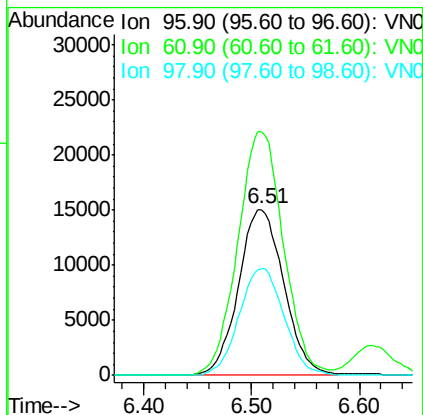
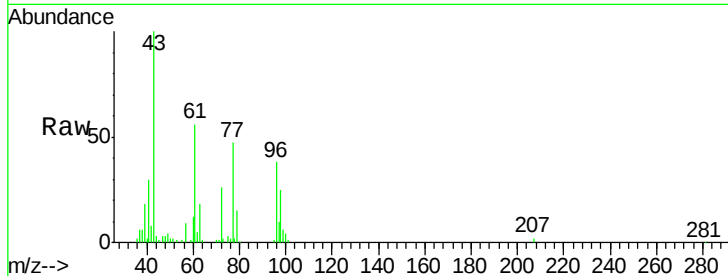




#27
 cis-1,2-Dichloroethene
 Concen: 17.35 ug/l
 RT: 6.51 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

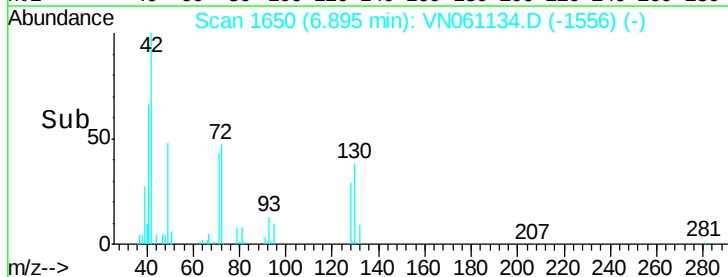
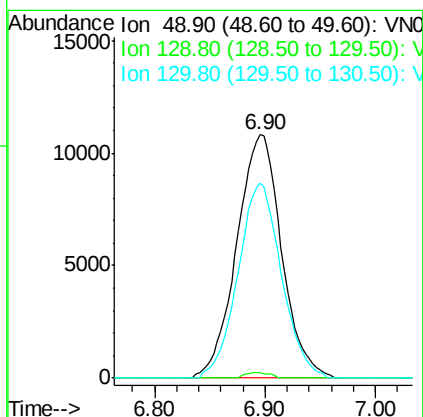
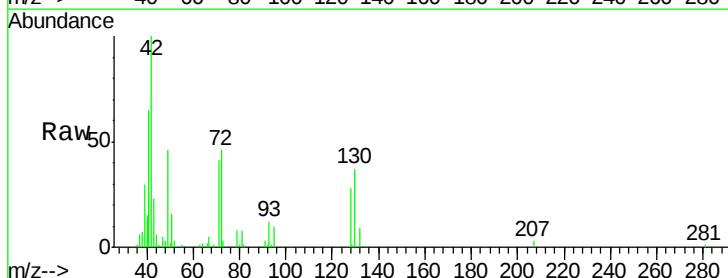
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

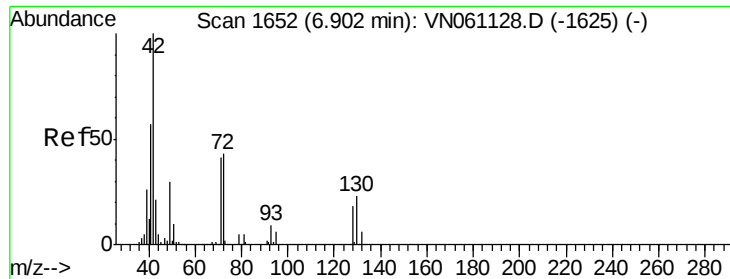
Tgt Ion: 96 Resp: 43974
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 300.4
 98 63.8 0.0 129.6



#28
 Bromochloromethane
 Concen: 18.42 ug/l
 RT: 6.90 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 49 Resp: 30543
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.2
 130 77.5 59.7 89.5

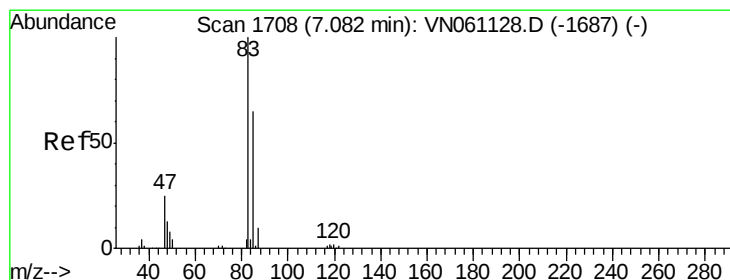
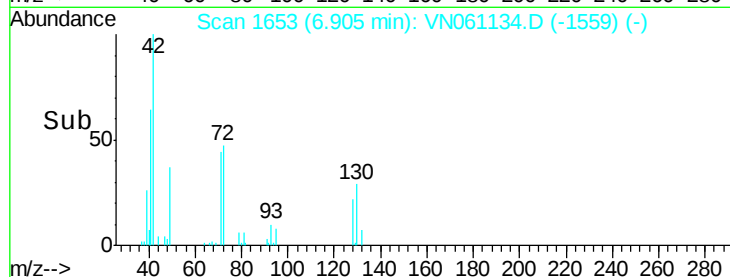
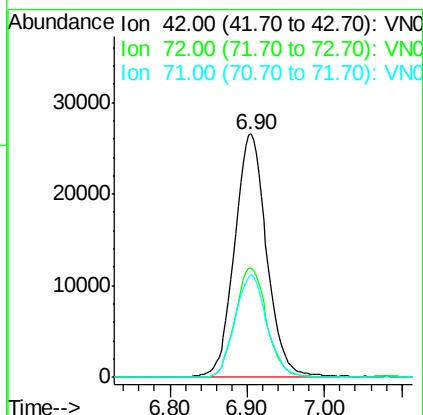
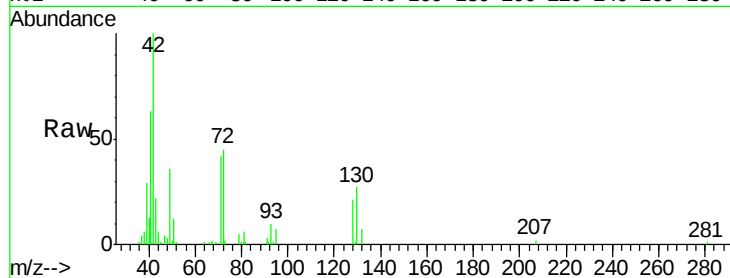




#29
Tetrahydrofuran
Concen: 80.70 ug/l
RT: 6.90 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

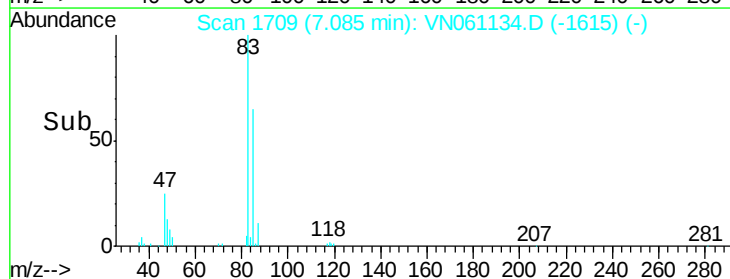
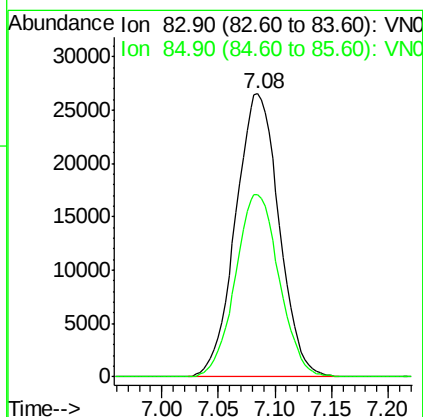
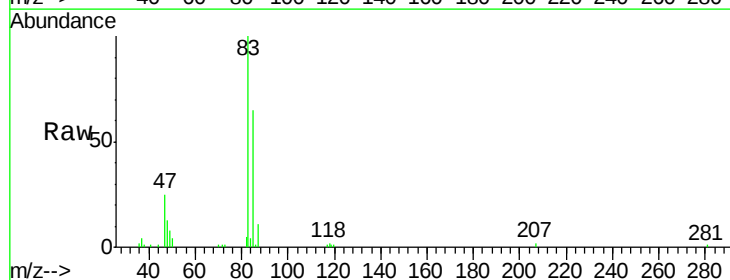
Instrument :
MSVOA_N
ClientSampled :
VN0422WBSD01

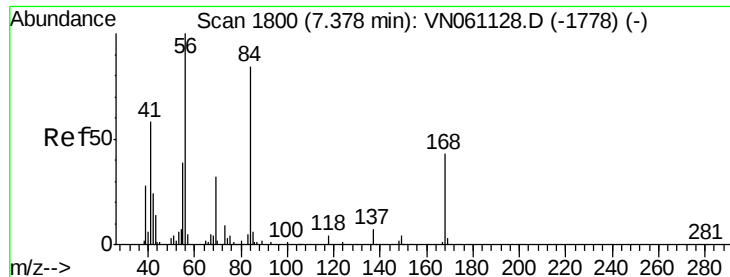
Tgt Ion: 42 Resp: 76517
Ion Ratio Lower Upper
42 100
72 44.0 35.1 52.7
71 41.6 33.0 49.6



#30
Chloroform
Concen: 18.16 ug/l
RT: 7.08 min Scan# 1709
Delta R.T. 0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion: 83 Resp: 70872
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4

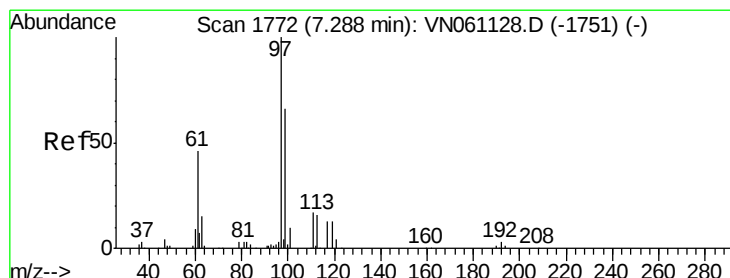
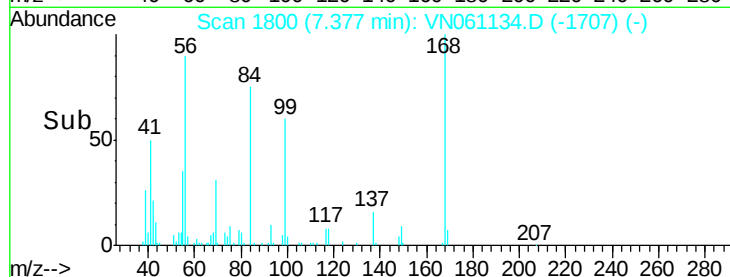
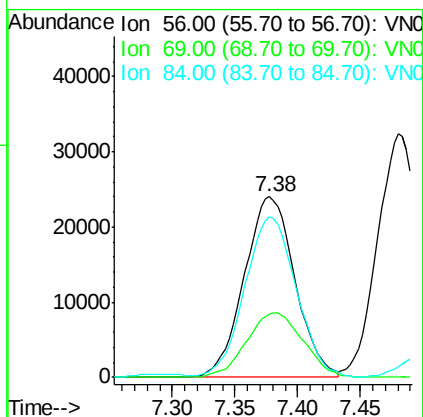
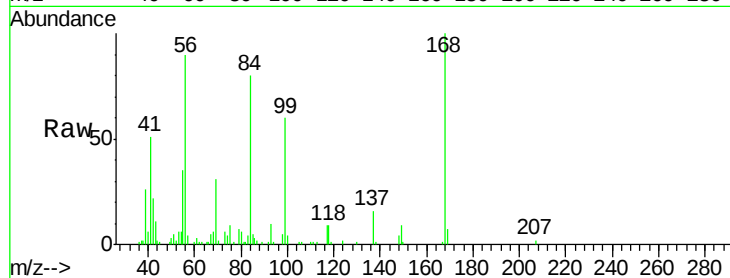




#31
Cyclohexane
Concen: 17.40 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

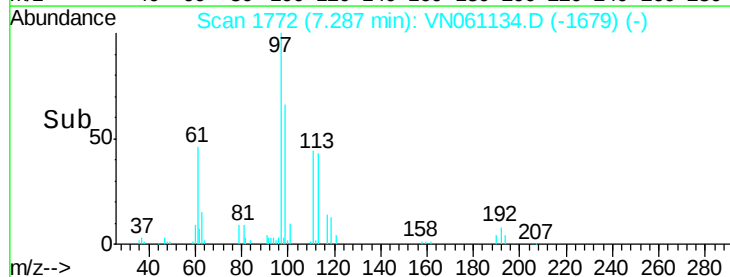
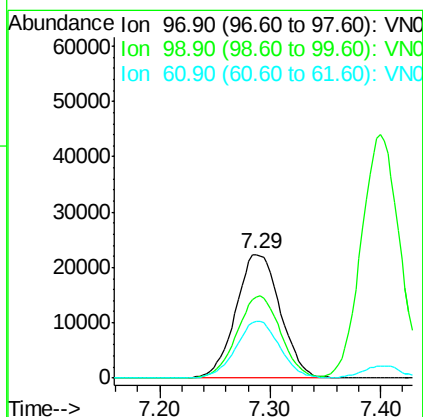
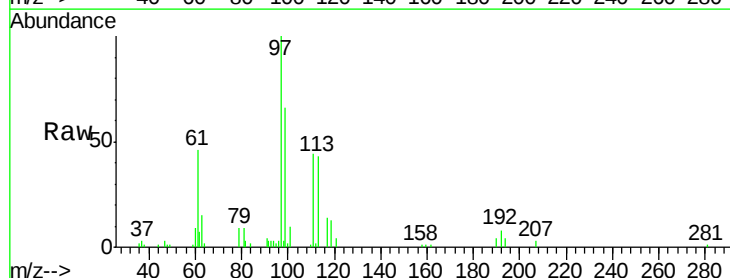
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

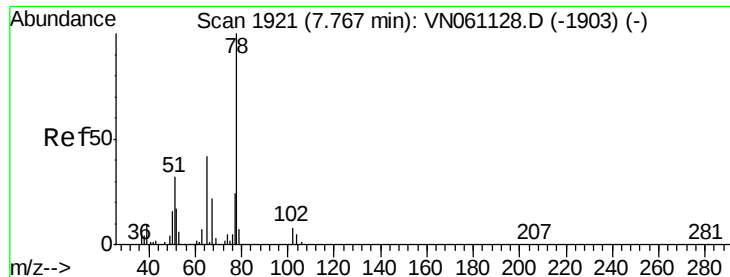
Tgt Ion: 56 Resp: 67518
Ion Ratio Lower Upper
56 100
69 34.9 25.9 38.9
84 87.7 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 17.98 ug/l
RT: 7.29 min Scan# 1772
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion: 97 Resp: 62559
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 45.0 35.9 53.9

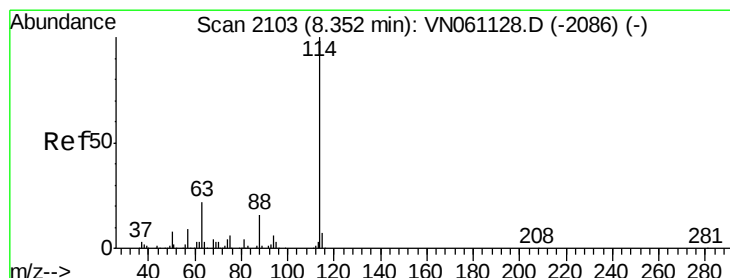
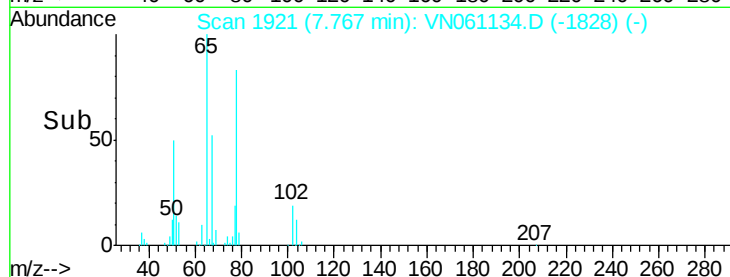
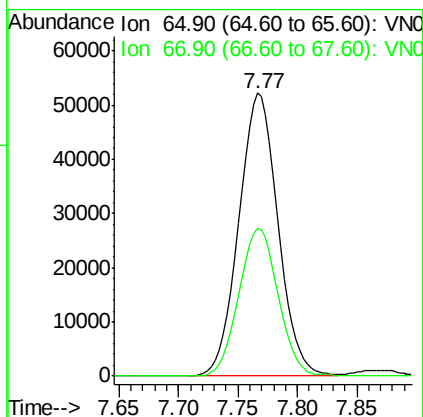
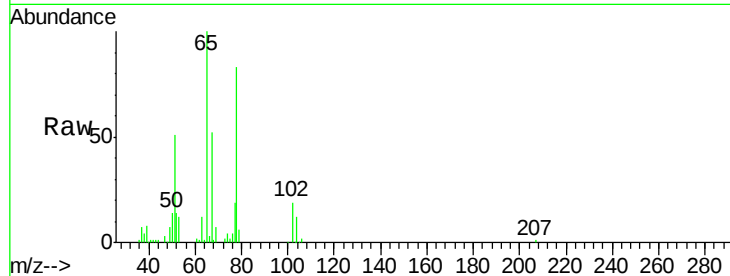




#33
 1,2-Dichloroethane-d4
 Concen: 47.11 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

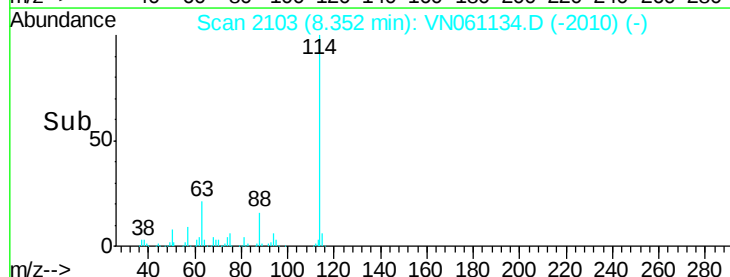
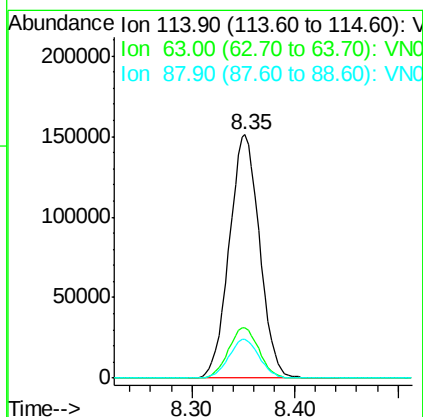
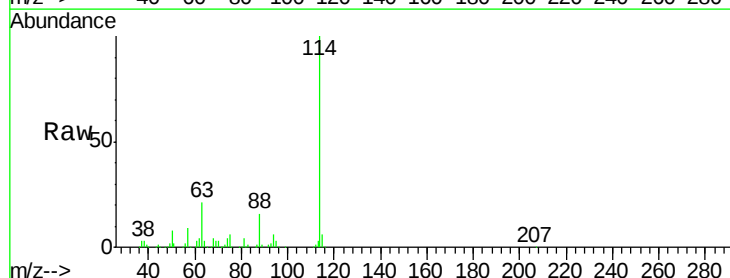
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

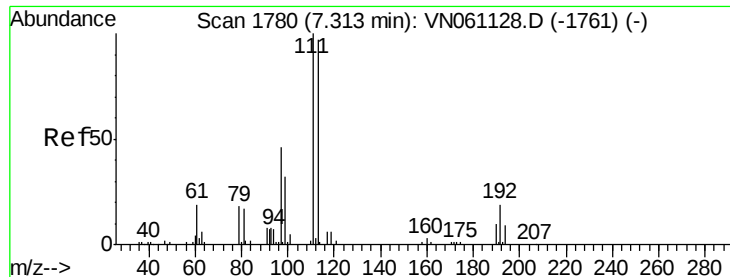
Tgt Ion: 65 Resp: 119062
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.35 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 114 Resp: 309145
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.9 0.0 32.4

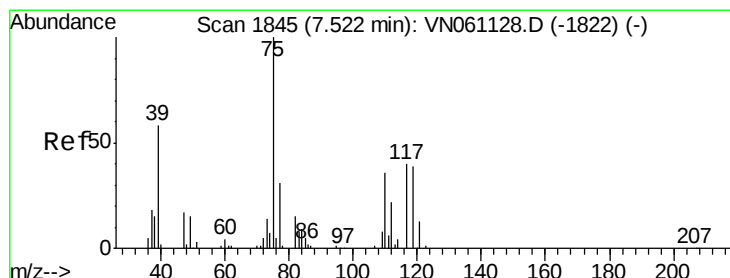
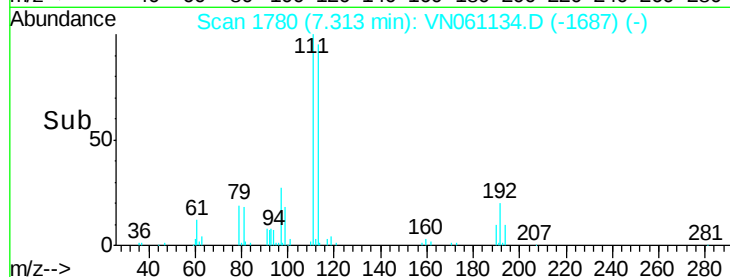
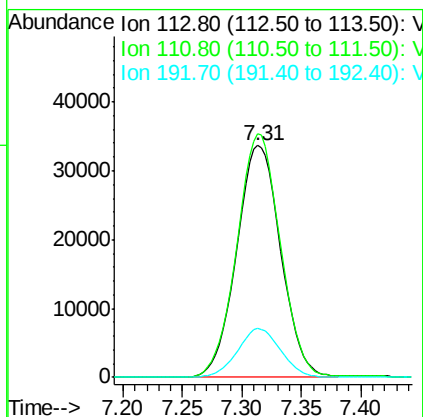
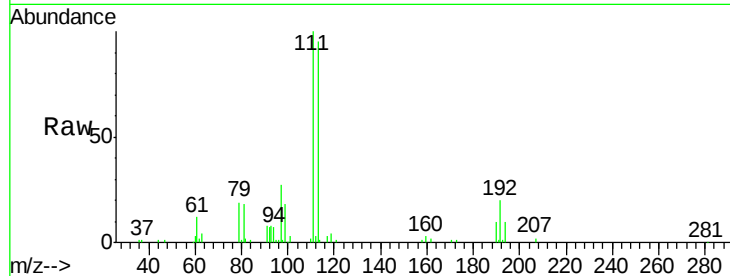




#35
 Dibromofluoromethane
 Concen: 49.03 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

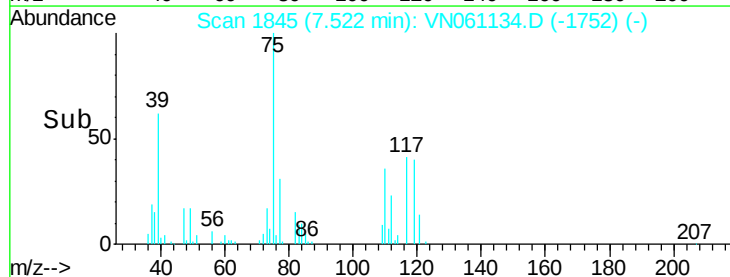
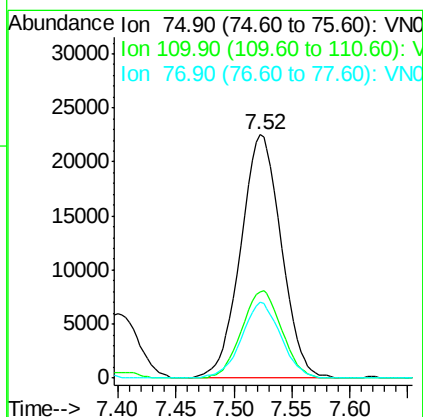
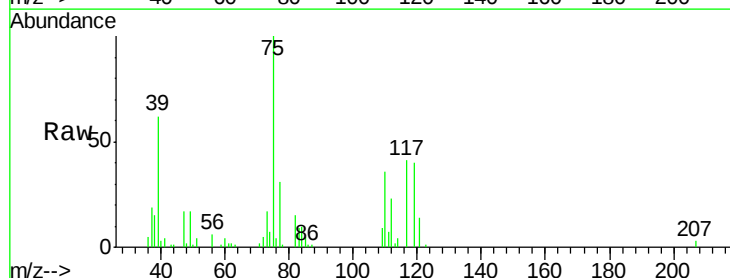
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

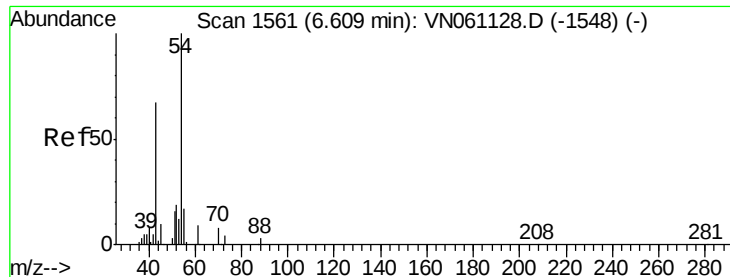
Tgt Ion: 113 Resp: 86504
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.0 124.6
 192 20.7 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 18.17 ug/l
 RT: 7.52 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 75 Resp: 54895
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.7 53.1
 77 30.1 24.8 37.2

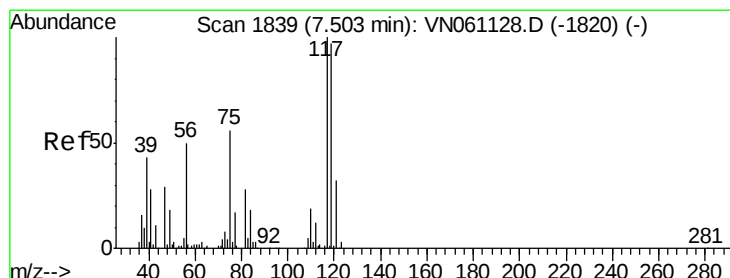
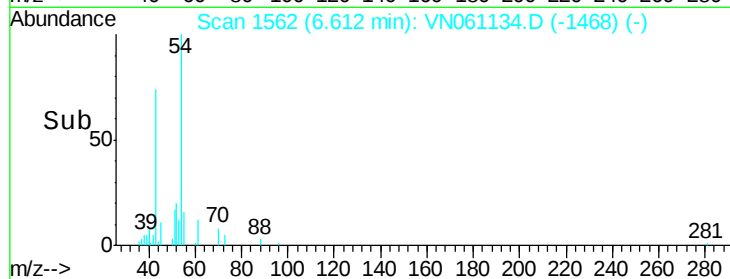
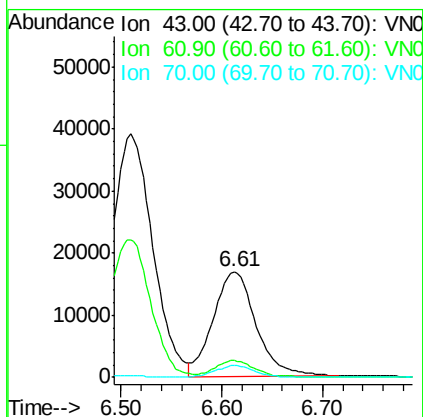
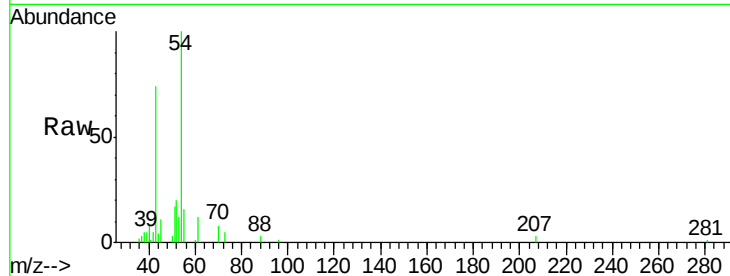




#37
 Ethyl Acetate
 Concen: 16.42 ug/l
 RT: 6.61 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

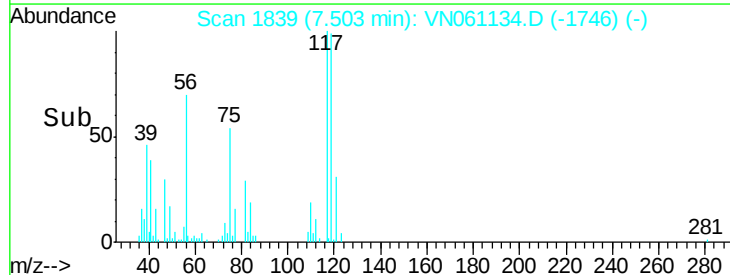
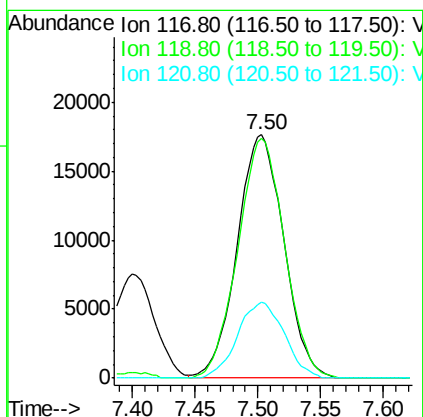
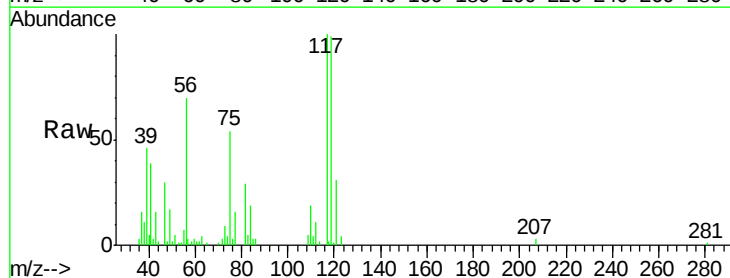
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

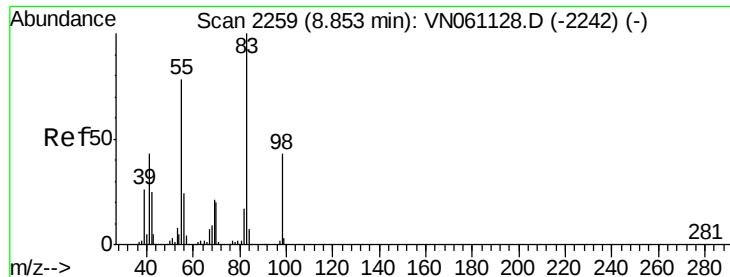
Tgt Ion: 43 Resp: 49716
 Ion Ratio Lower Upper
 43 100
 61 14.9 11.4 17.0
 70 10.1 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 17.23 ug/l
 RT: 7.50 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 117 Resp: 45571
 Ion Ratio Lower Upper
 117 100
 119 98.5 76.9 115.3
 121 31.0 25.0 37.6





#39

Methylcyclohexane

Concen: 18.06 ug/l

RT: 8.85 min Scan# 2259

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

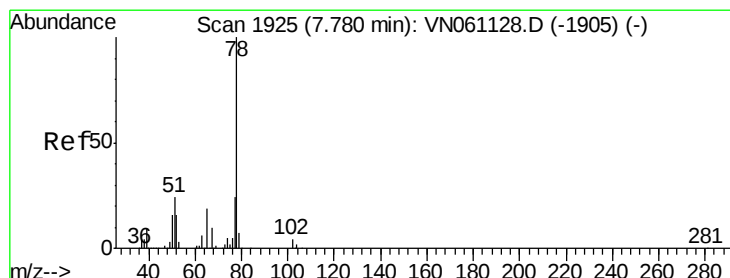
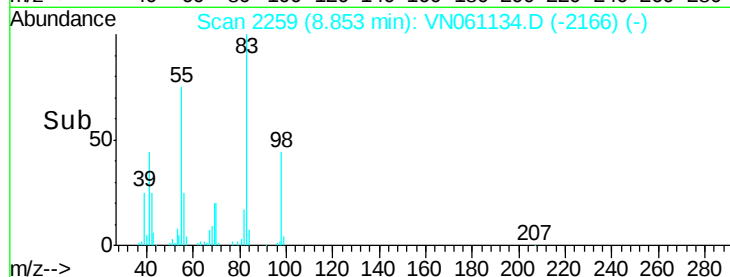
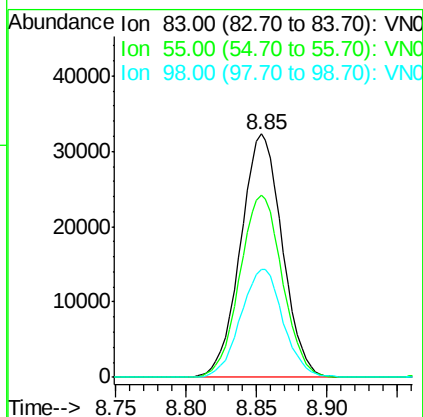
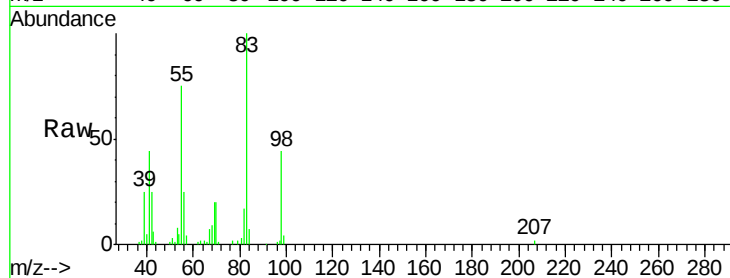
Tgt Ion: 83 Resp: 66714

Ion Ratio Lower Upper

83 100

55 74.6 62.2 93.4

98 44.4 34.7 52.1



#40

Benzene

Concen: 17.85 ug/l

RT: 7.78 min Scan# 1926

Delta R.T. 0.00 min

Lab File: VN061134.D

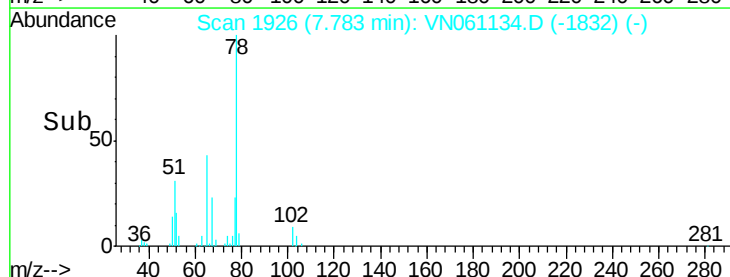
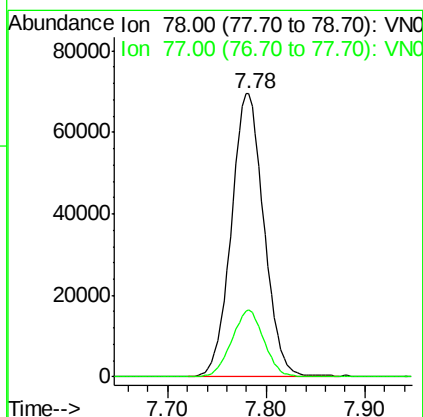
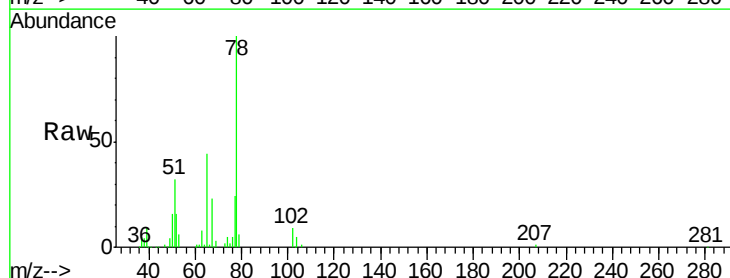
Acq: 22 Apr 2020 18:01

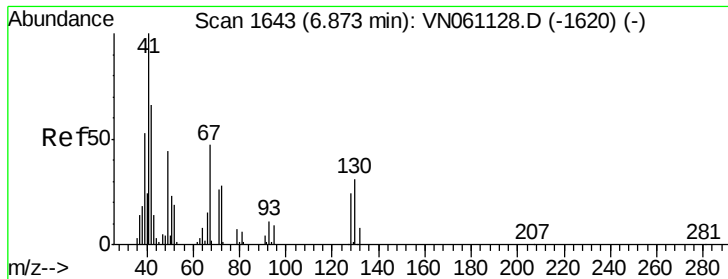
Tgt Ion: 78 Resp: 159649

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6





#41

Methacrylonitrile

Concen: 49.75 ug/l

RT: 6.90 min Scan# 1653

Delta R.T. 0.03 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

Tgt Ion: 41 Resp: 71516

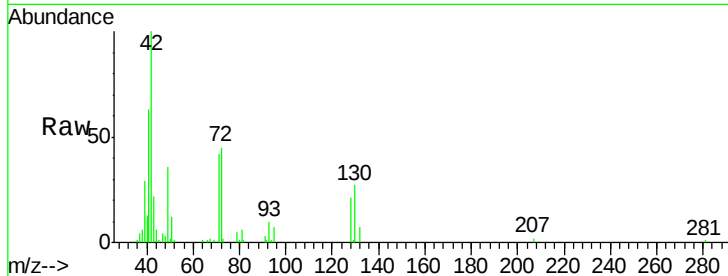
Ion Ratio Lower Upper

41 100

39 50.5 119.4 179.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

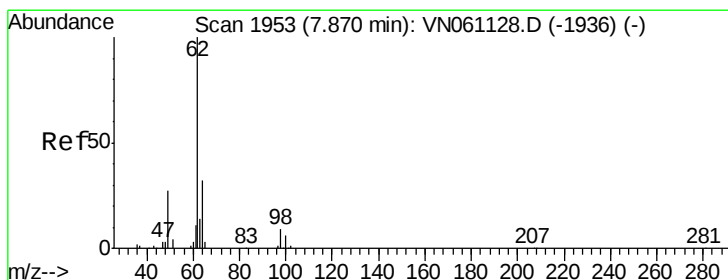
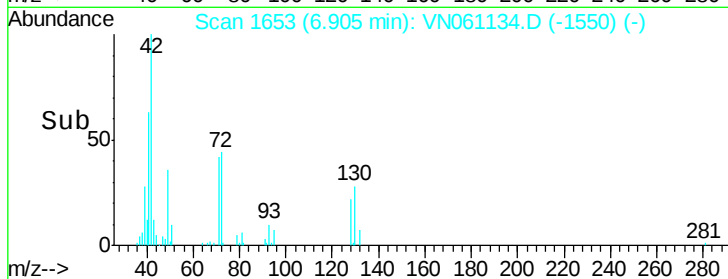
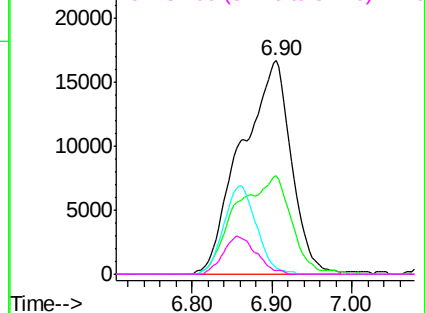


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 17.91 ug/l

RT: 7.87 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VN061134.D

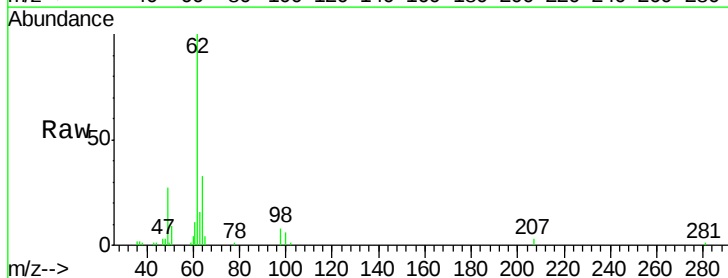
Acq: 22 Apr 2020 18:01

Tgt Ion: 62 Resp: 57103

Ion Ratio Lower Upper

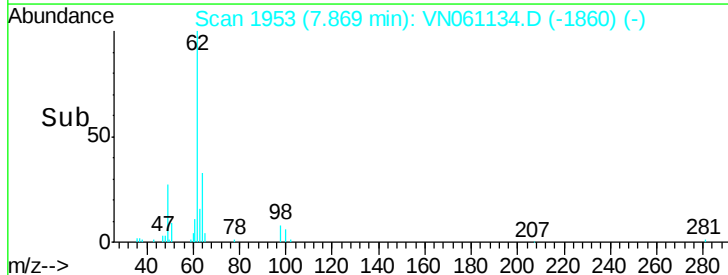
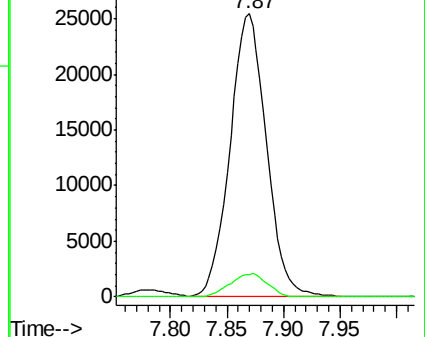
62 100

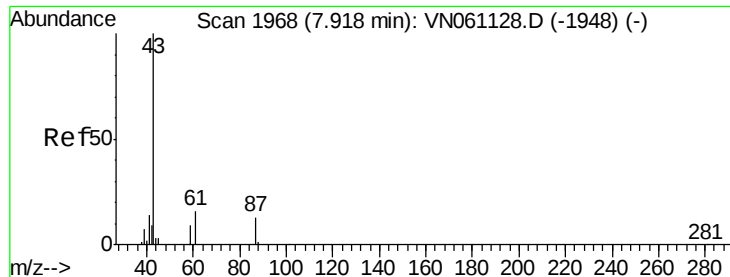
98 8.3 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.03 ug/l

RT: 7.92 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

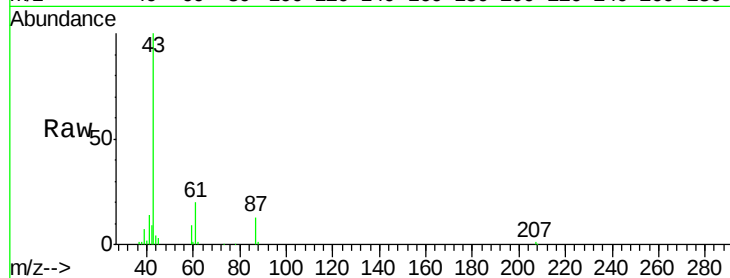
Tgt Ion: 43 Resp: 87602

Ion Ratio Lower Upper

43 100

61 19.7 15.5 23.3

87 12.9 10.2 15.4

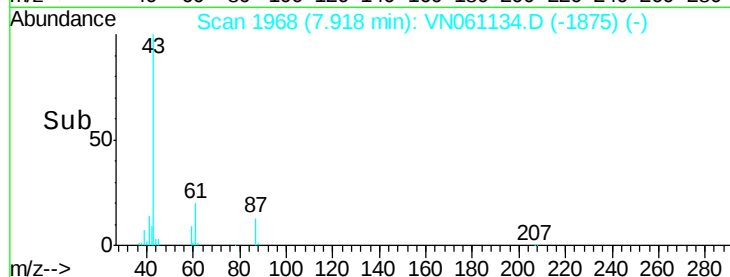


Abundance Ion 43.00 (42.70 to 43.70): VN061128.D (-1948) (-)

Ion 61.00 (60.70 to 61.70): VN061128.D (-1948) (-)

Ion 87.00 (86.70 to 87.70): VN061128.D (-1948) (-)

Time-->

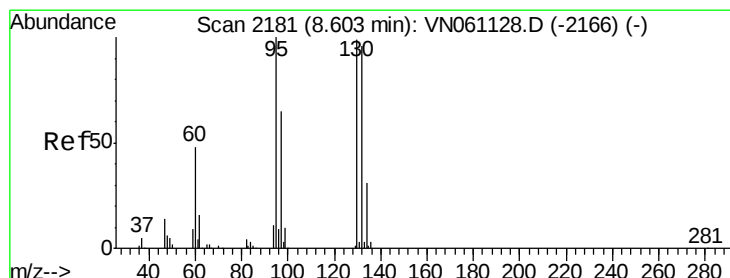


Abundance Ion 43.00 (42.70 to 43.70): VN061134.D (-1875) (-)

Ion 61.00 (60.70 to 61.70): VN061134.D (-1875) (-)

Ion 87.00 (86.70 to 87.70): VN061134.D (-1875) (-)

Time-->



#44

Trichloroethene

Concen: 18.40 ug/l

RT: 8.61 min Scan# 2182

Delta R.T. 0.00 min

Lab File: VN061134.D

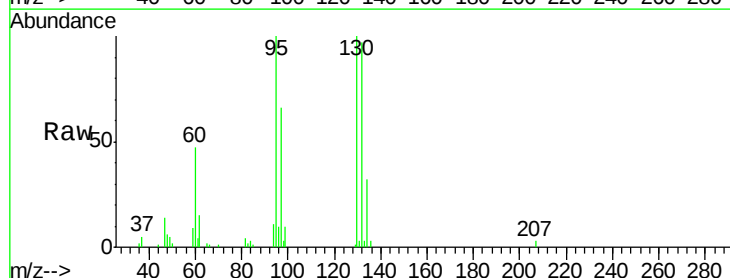
Acq: 22 Apr 2020 18:01

Tgt Ion: 130 Resp: 47865

Ion Ratio Lower Upper

130 100

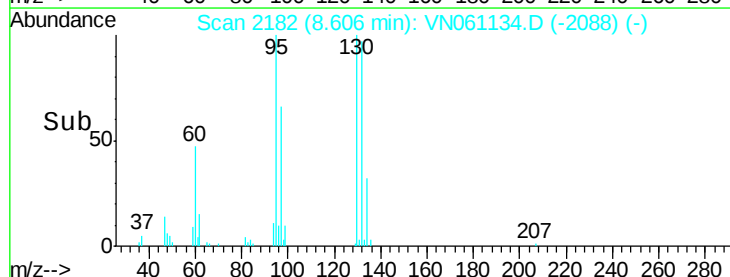
95 99.9 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): VN061128.D (-2166) (-)

Ion 94.90 (94.60 to 95.60): VN061128.D (-2166) (-)

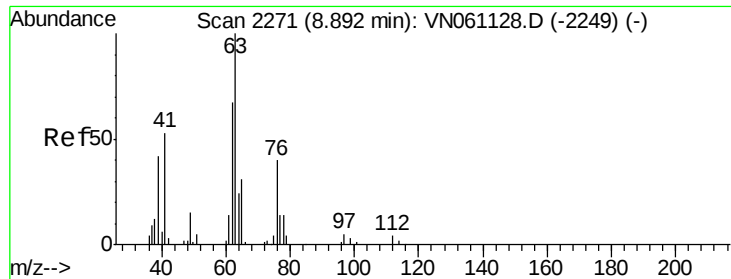
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VN061134.D (-2088) (-)

Ion 94.90 (94.60 to 95.60): VN061134.D (-2088) (-)

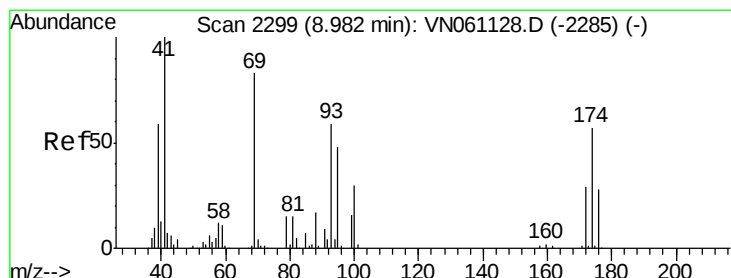
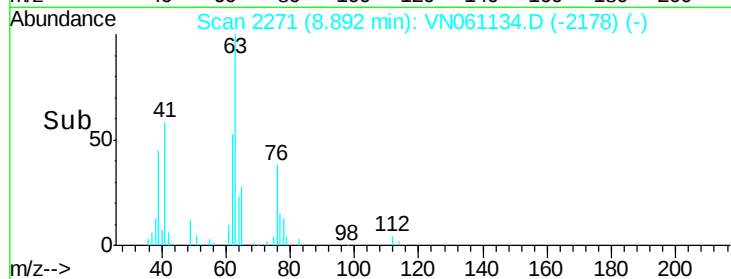
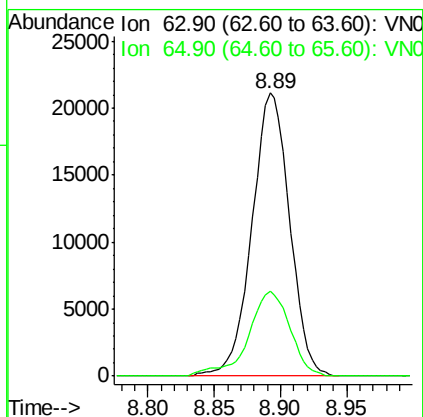
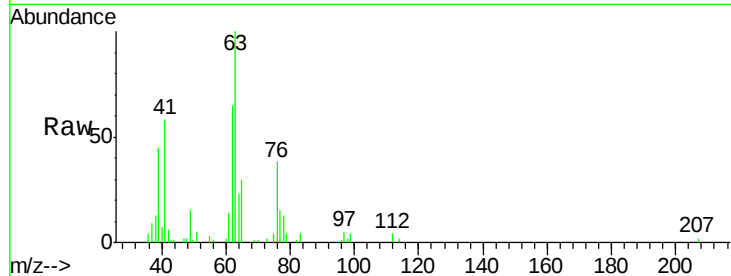
Time-->



#45
 1,2-Dichloropropane
 Concen: 17.67 ug/l
 RT: 8.89 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

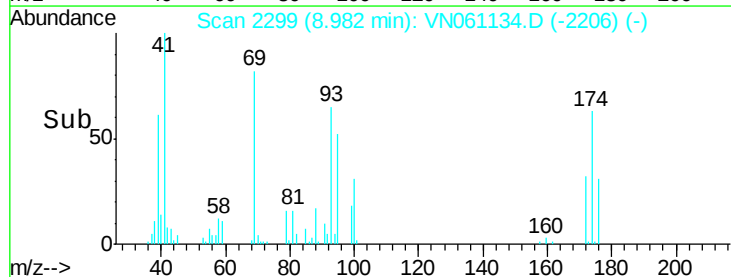
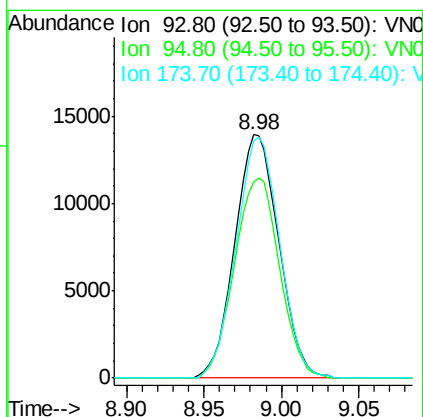
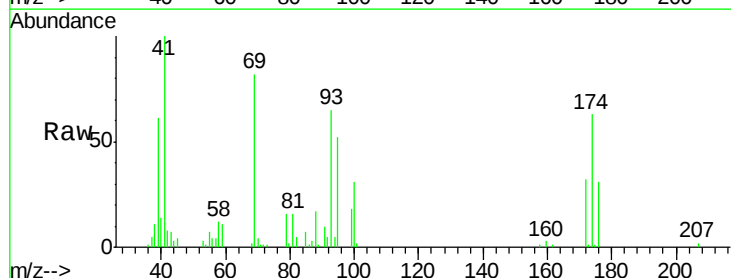
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

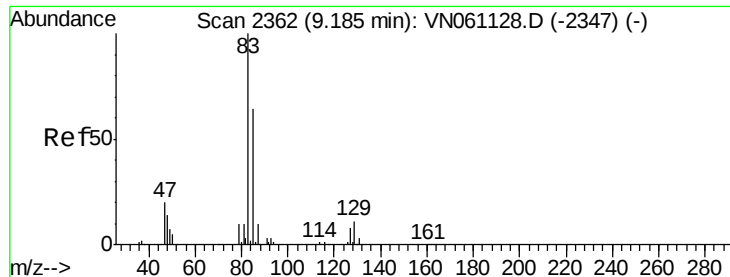
Tgt Ion: 63 Resp: 41827
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.7 37.1



#46
 Dibromomethane
 Concen: 18.17 ug/l
 RT: 8.98 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 93 Resp: 27557
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.0 97.4
 174 98.2 77.8 116.6





#47

Bromodichloromethane

Concen: 18.46 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

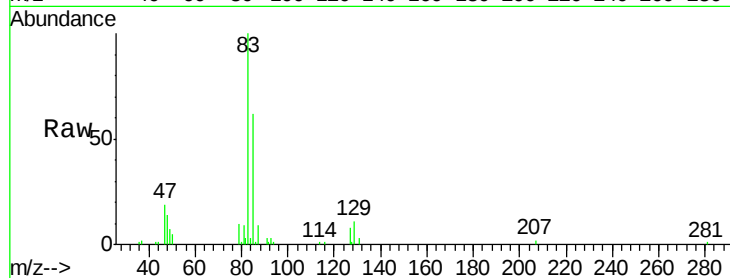
Tgt Ion: 83 Resp: 55184

Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.2

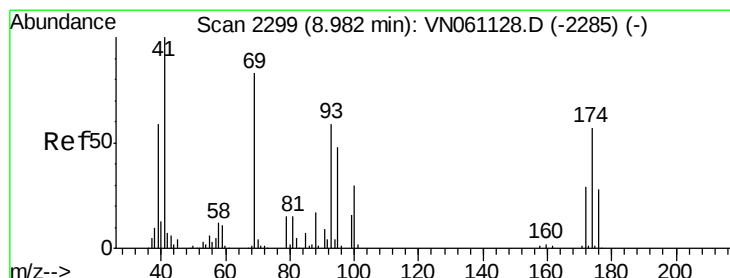
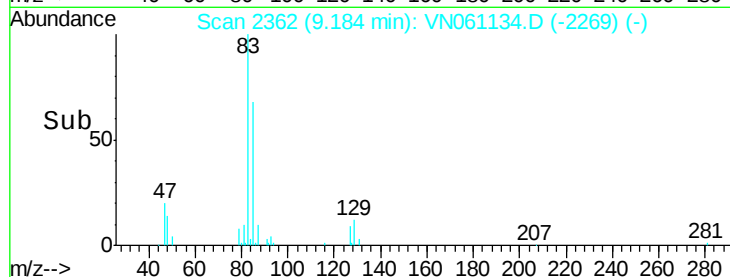
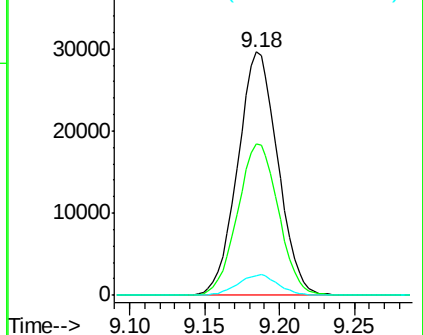
127 8.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN061134.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN061134.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN061134.D (-2269) (-)



#48

Methyl methacrylate

Concen: 16.09 ug/l

RT: 8.98 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

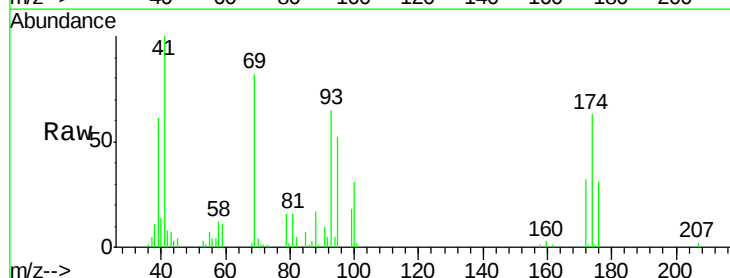
Tgt Ion: 41 Resp: 38970

Ion Ratio Lower Upper

41 100

69 83.7 65.4 98.2

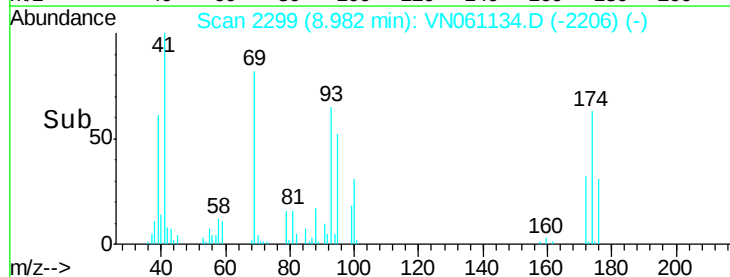
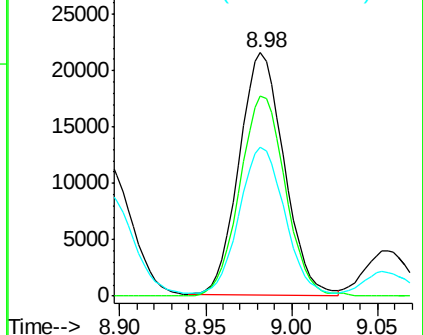
39 63.0 47.8 71.6

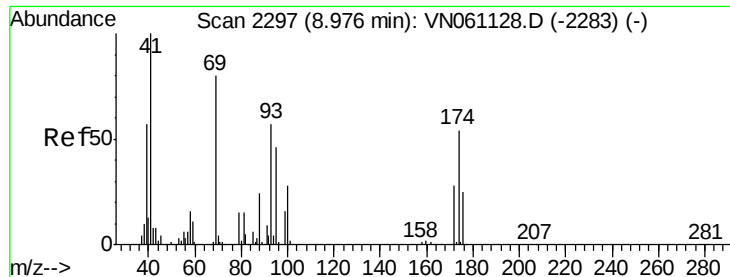


Abundance Ion 41.00 (40.70 to 41.70): VN061134.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061134.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061134.D (-2206) (-)

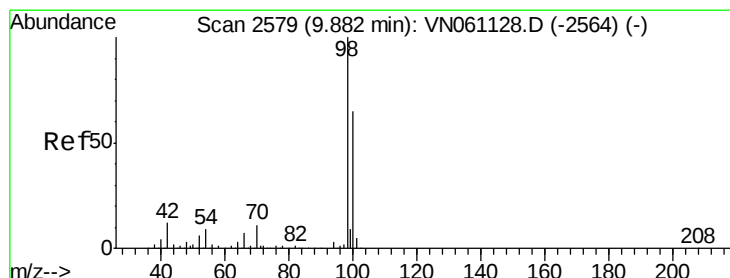
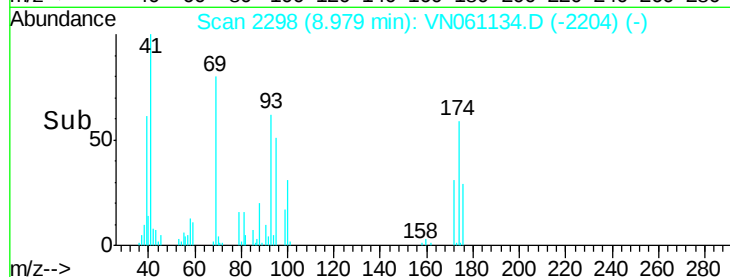
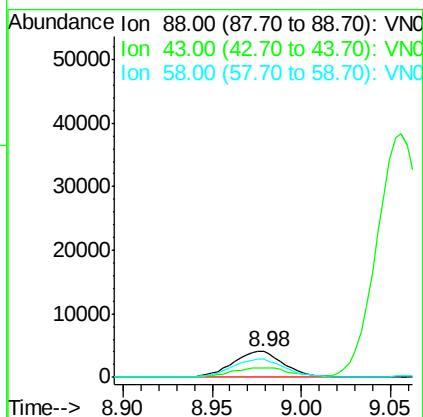
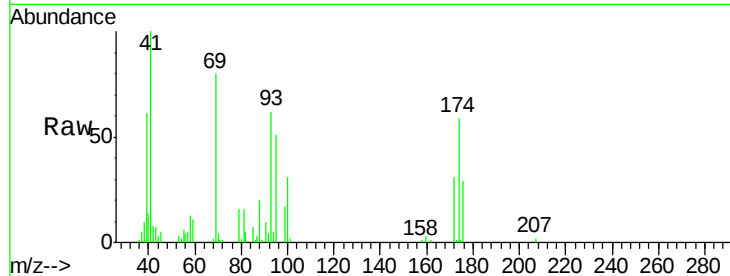




#49
 1,4-Dioxane
 Concen: 270.89 ug/l
 RT: 8.98 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

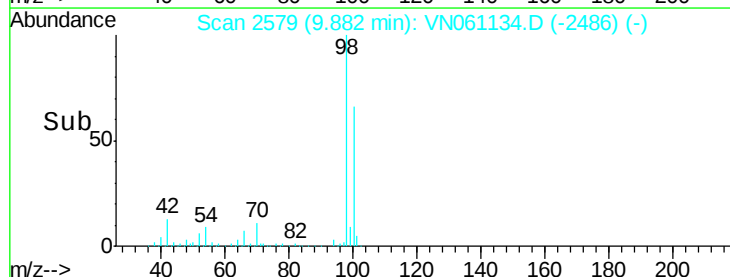
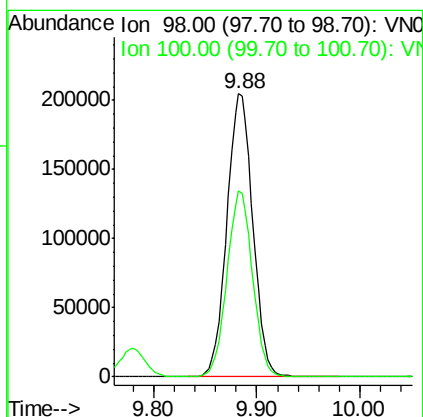
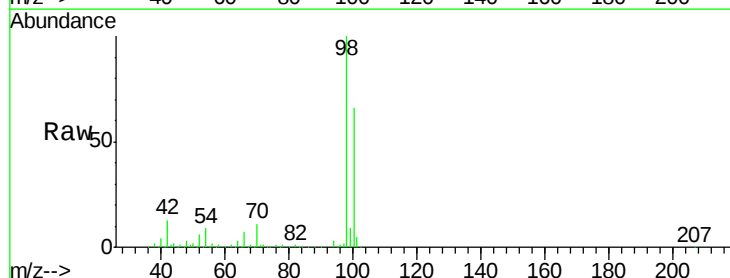
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

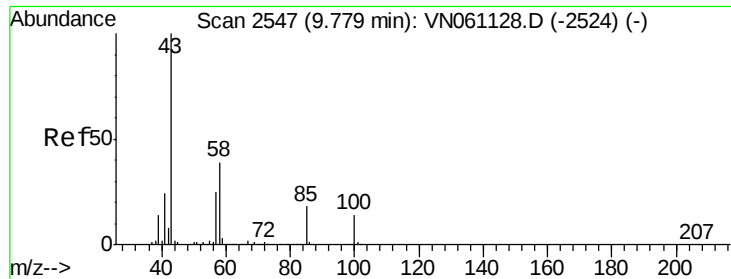
Tgt Ion: 88 Resp: 8214
 Ion Ratio Lower Upper
 88 100
 43 42.9 29.0 43.4
 58 70.3 57.8 86.6



#50
 Toluene-d8
 Concen: 47.38 ug/l
 RT: 9.88 min Scan# 2579
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 98 Resp: 358220
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.8 77.6

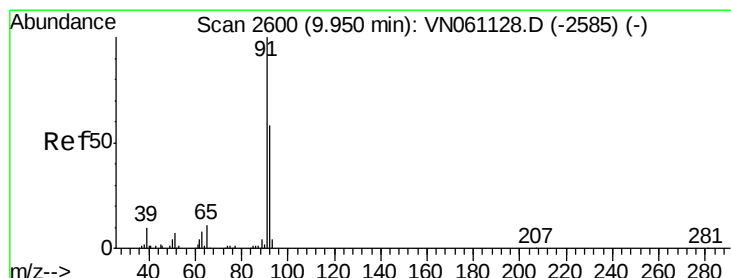
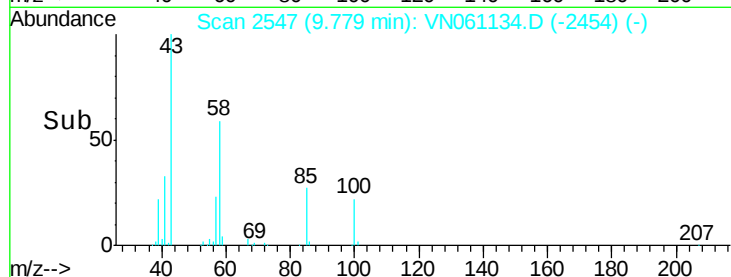
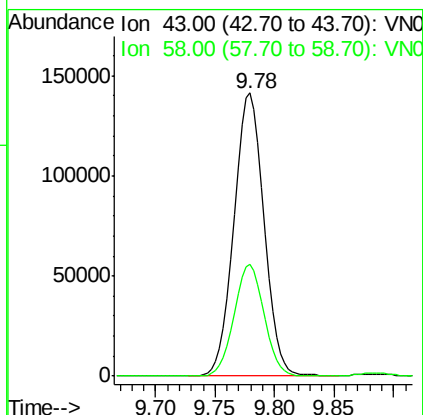
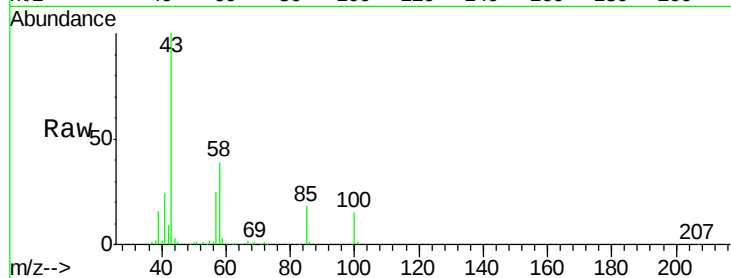




#51
 4-Methyl-2-Pentanone
 Concen: 82.60 ug/l
 RT: 9.78 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

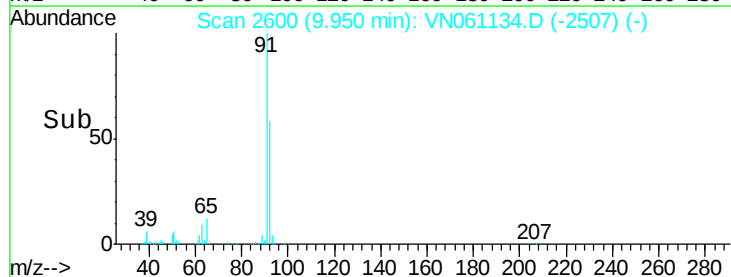
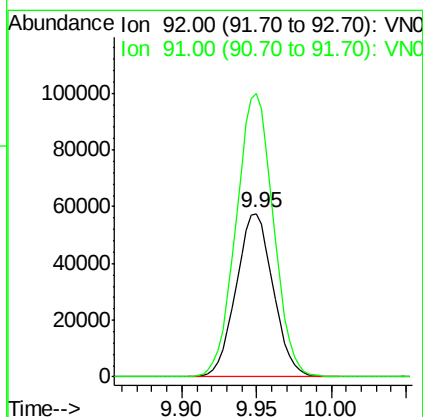
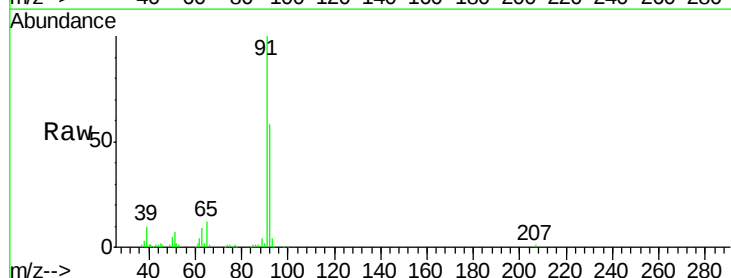
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

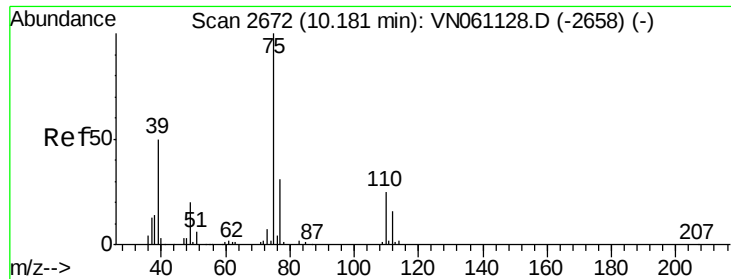
Tgt Ion: 43 Resp: 247953
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.0 46.6



#52
 Toluene
 Concen: 17.78 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 92 Resp: 99570
 Ion Ratio Lower Upper
 92 100
 91 174.1 138.3 207.5

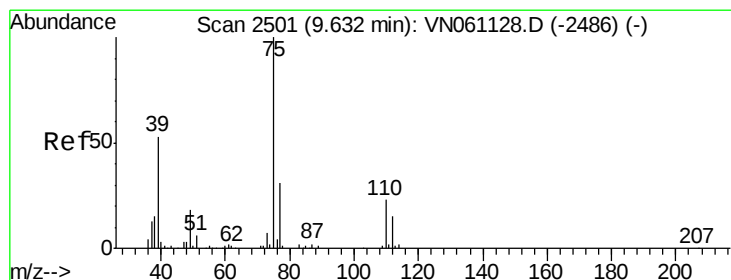
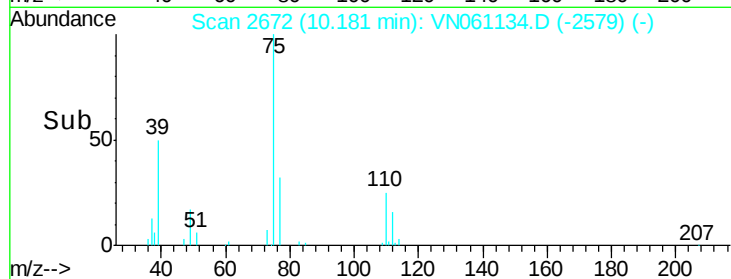
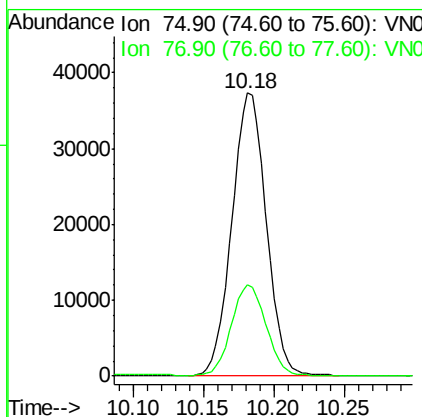
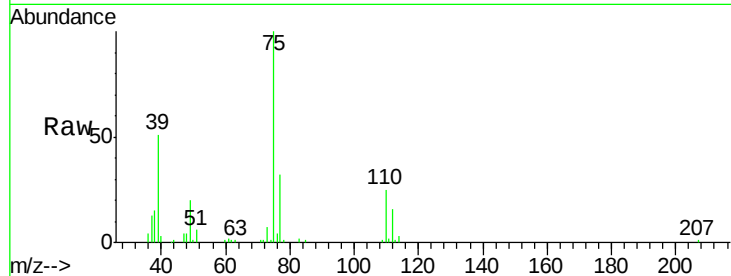




#53
t-1,3-Dichloropropene
Concen: 17.46 ug/l
RT: 10.18 min Scan# 2672
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

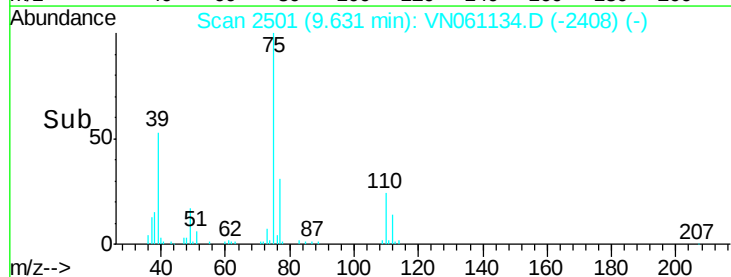
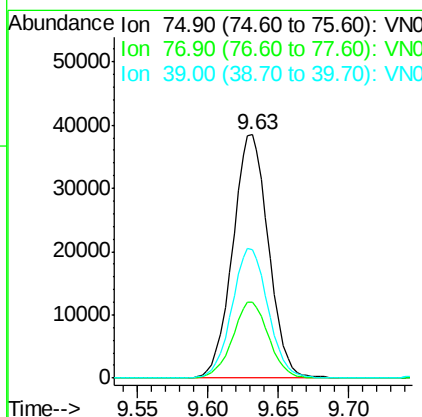
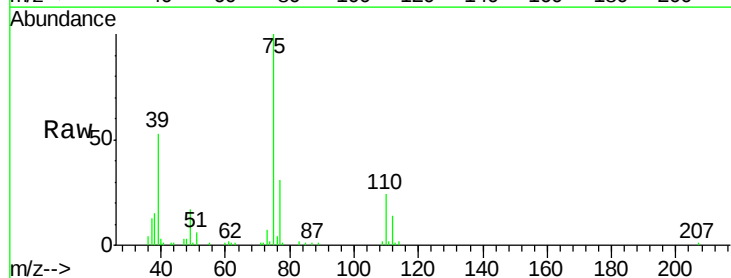
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

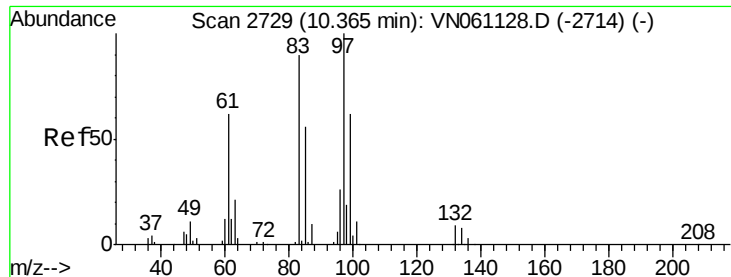
Tgt Ion: 75 Resp: 63877
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 17.94 ug/l
RT: 9.63 min Scan# 2501
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion: 75 Resp: 68271
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 52.8 42.1 63.1





#55

1,1,2-Trichloroethane

Concen: 17.91 ug/l

RT: 10.36 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

Tgt Ion: 97 Resp: 38655

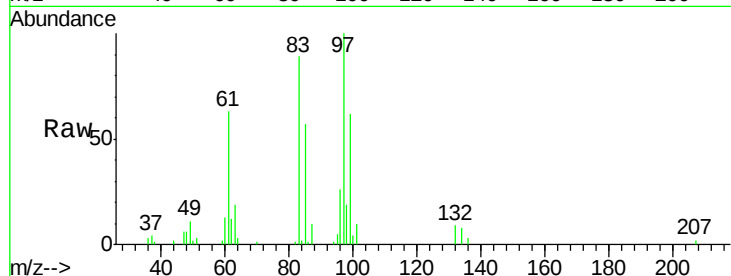
Ion Ratio Lower Upper

97 100

83 88.7 71.8 107.6

85 57.3 45.0 67.6

99 61.9 49.8 74.8

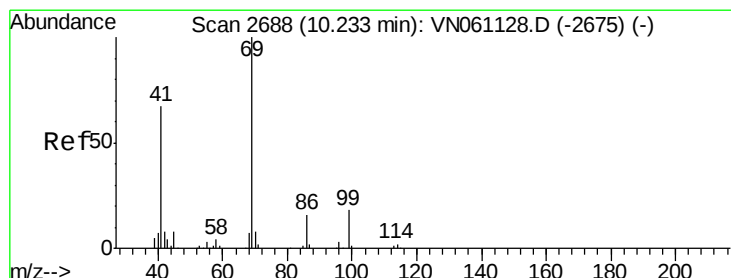
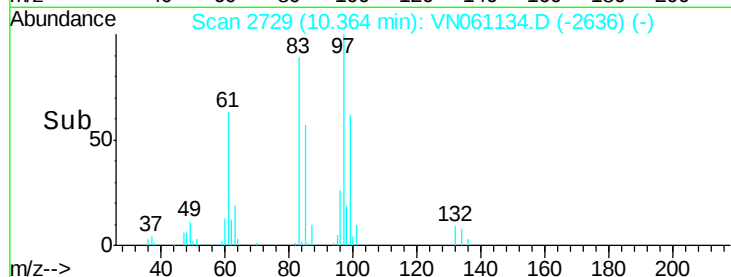
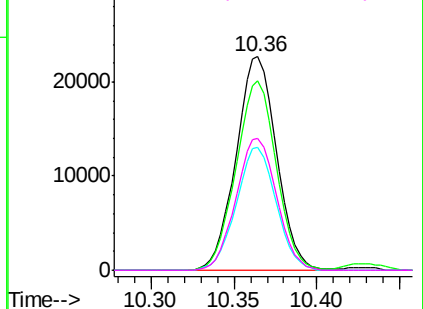


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.14 ug/l

RT: 10.24 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

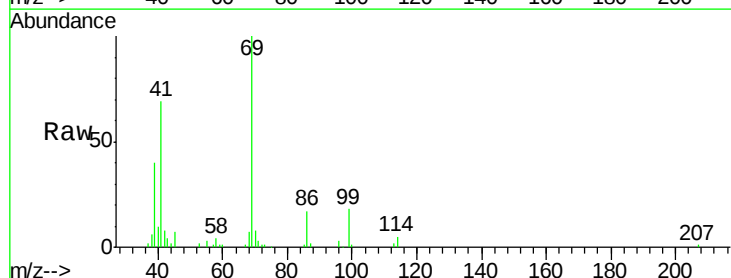
Tgt Ion: 69 Resp: 56347

Ion Ratio Lower Upper

69 100

41 69.4 54.0 81.0

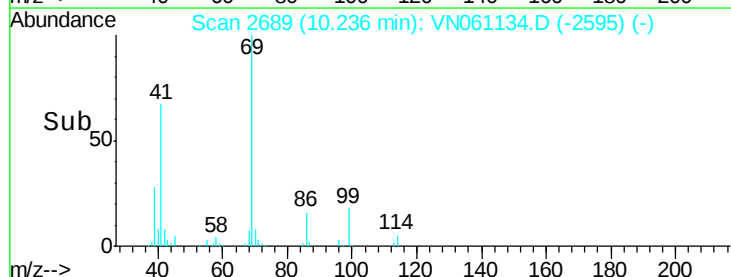
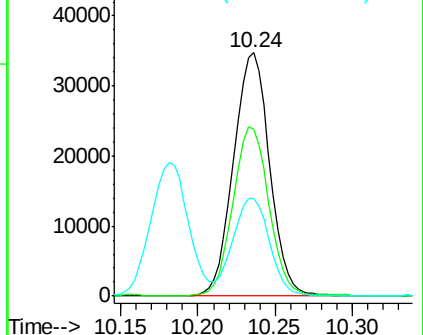
39 40.8 31.4 47.0

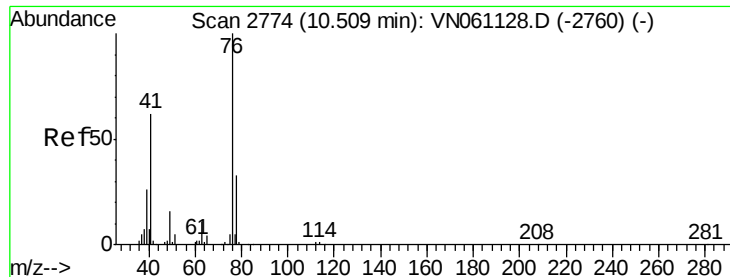


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 17.87 ug/l

RT: 10.51 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

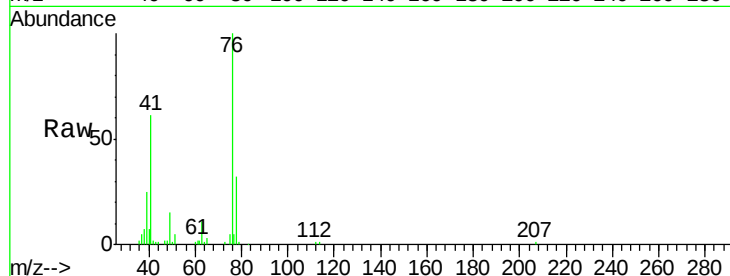
VN0422WBSD01

Tgt Ion: 76 Resp: 65444

Ion Ratio Lower Upper

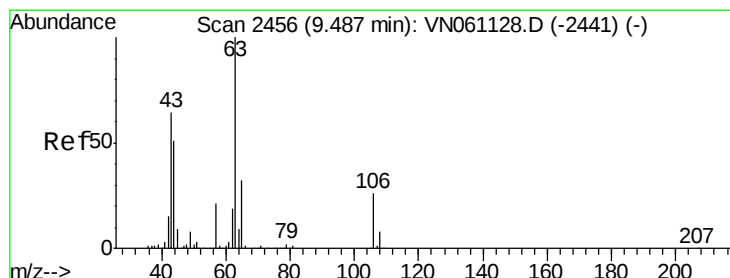
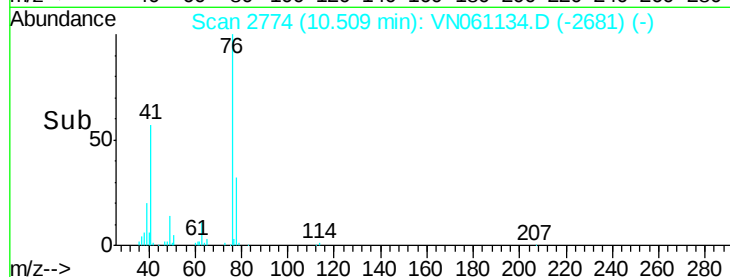
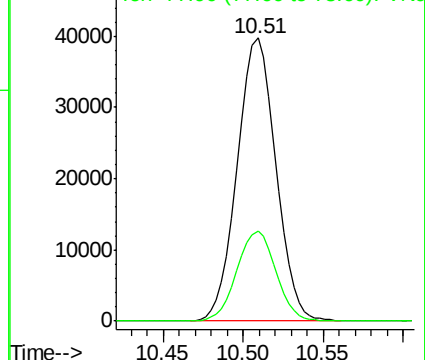
76 100

78 32.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 91.46 ug/l

RT: 9.49 min Scan# 2456

Delta R.T. -0.00 min

Lab File: VN061134.D

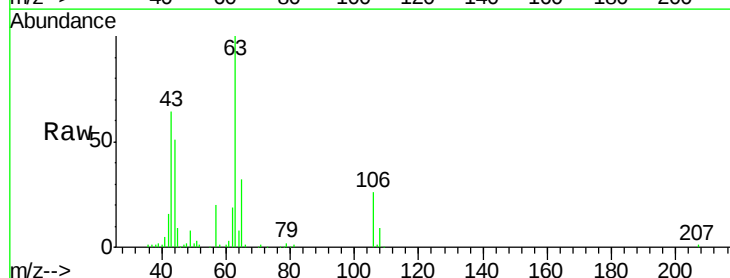
Acq: 22 Apr 2020 18:01

Tgt Ion: 63 Resp: 155047

Ion Ratio Lower Upper

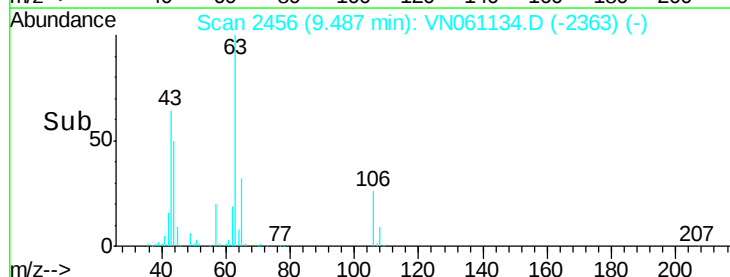
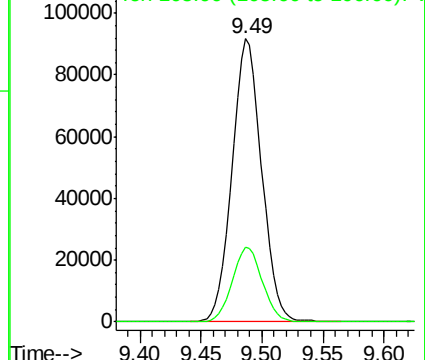
63 100

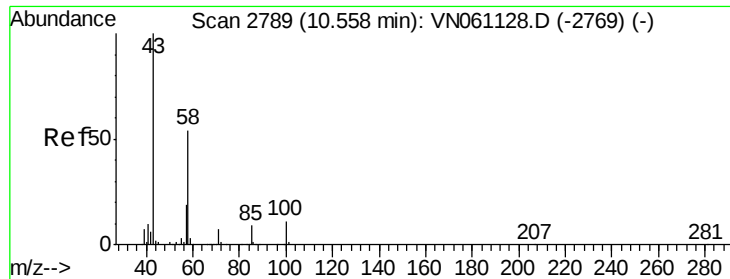
106 26.6 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

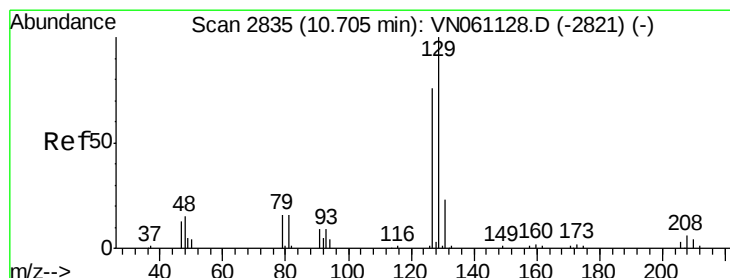
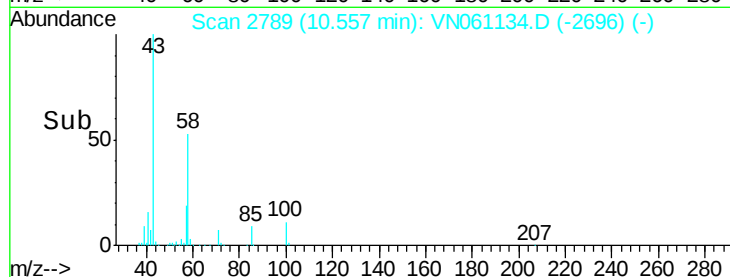
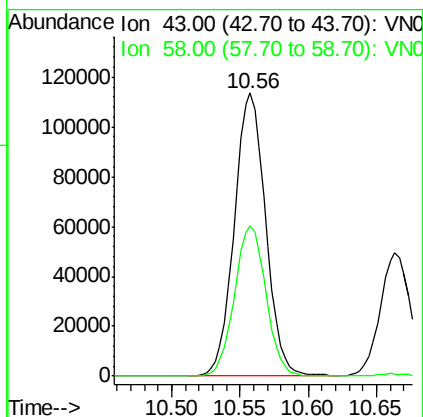
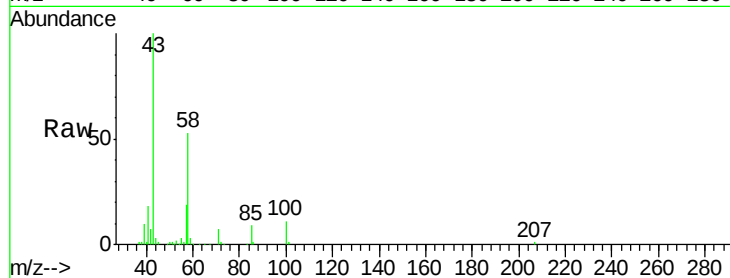




#59
2-Hexanone
Concen: 81.15 ug/l
RT: 10.56 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

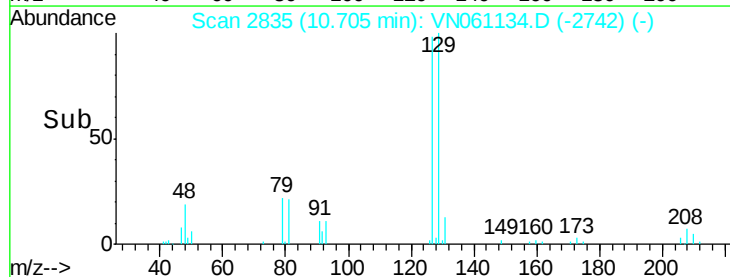
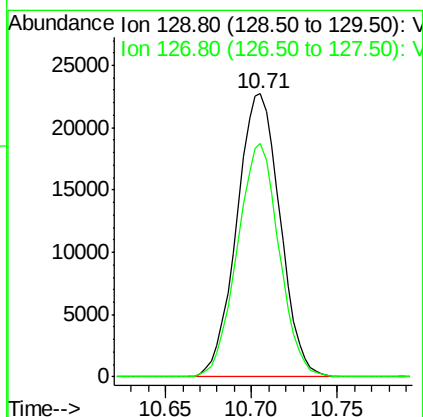
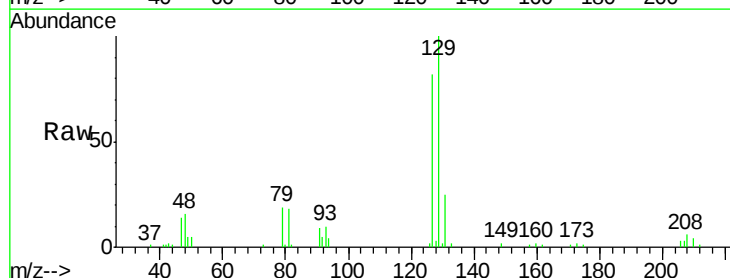
Instrument :
MSVOA_N
ClientSampled :
VN0422WBSD01

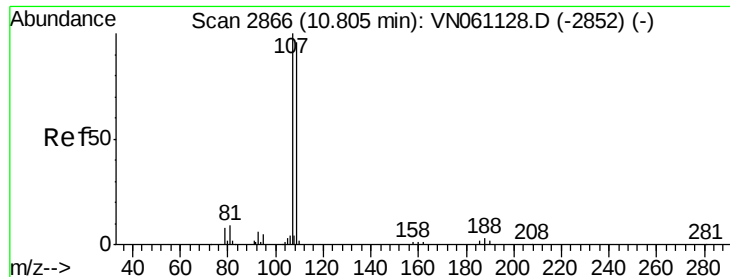
Tgt Ion: 43 Resp: 179948
Ion Ratio Lower Upper
43 100
58 53.8 26.9 80.6



#60
Dibromochloromethane
Concen: 17.64 ug/l
RT: 10.71 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion: 129 Resp: 39806
Ion Ratio Lower Upper
129 100
127 79.4 38.4 115.2

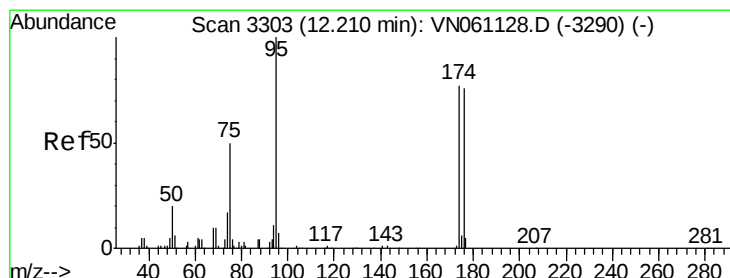
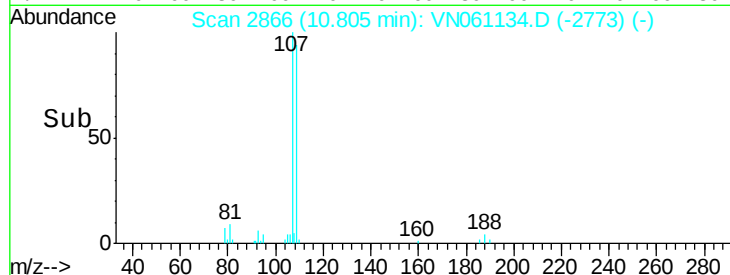
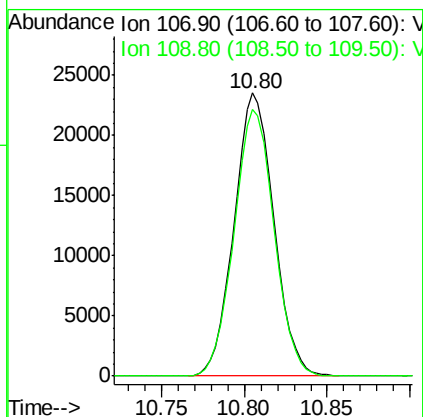
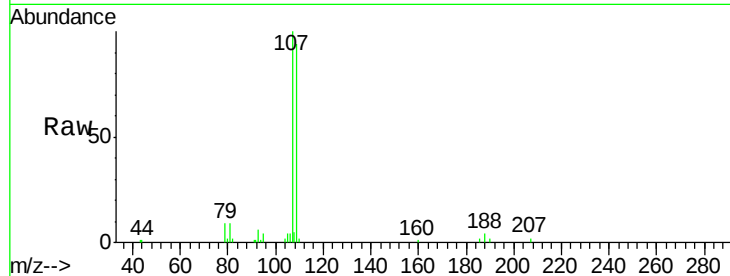




#61
 1,2-Dibromoethane
 Concen: 17.64 ug/l
 RT: 10.80 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

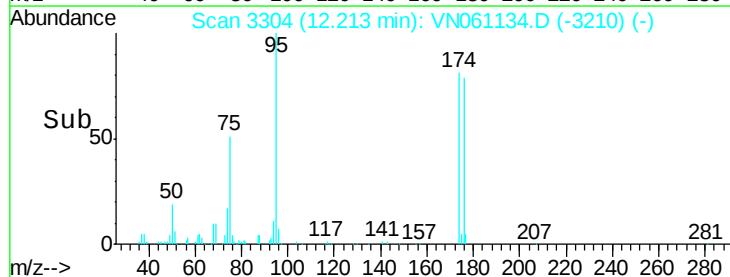
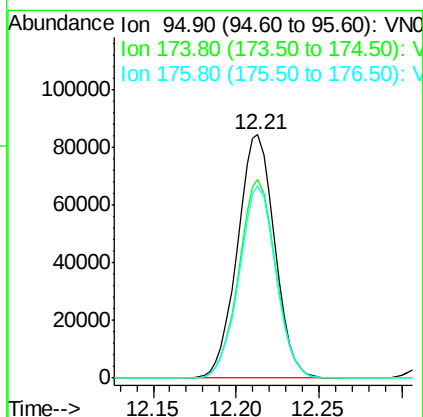
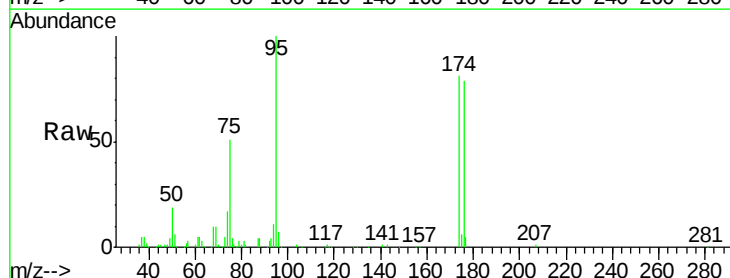
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

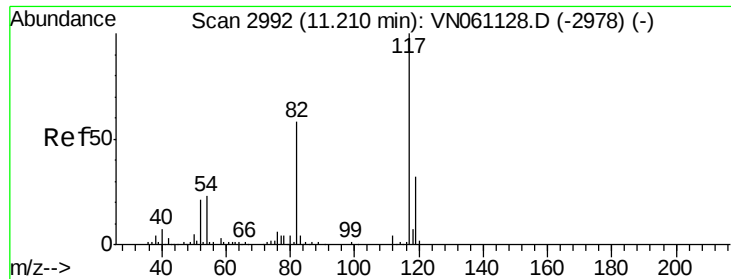
Tgt Ion: 107 Resp: 39217
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 46.52 ug/l
 RT: 12.21 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion: 95 Resp: 131707
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 157.6
 176 77.9 0.0 154.4

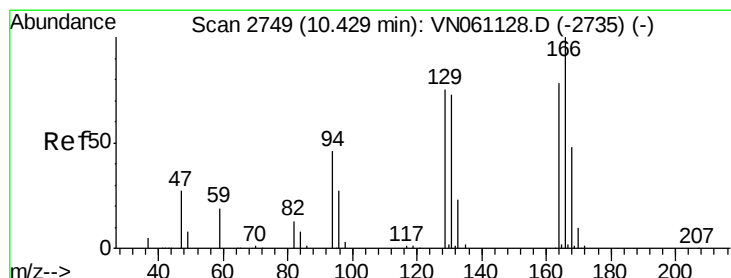
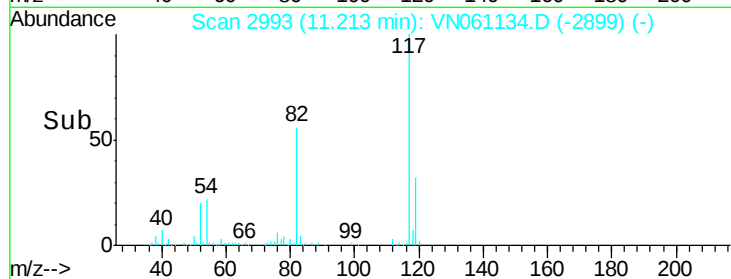
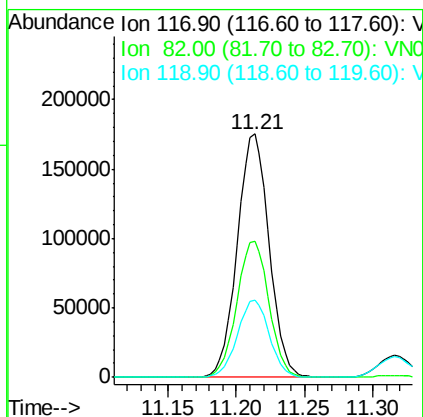
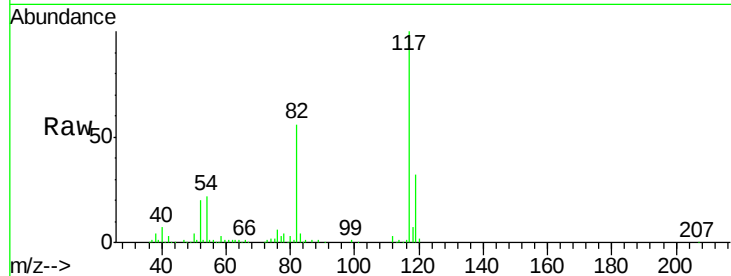




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.21 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

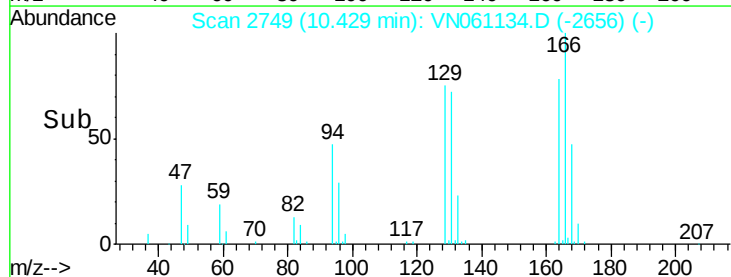
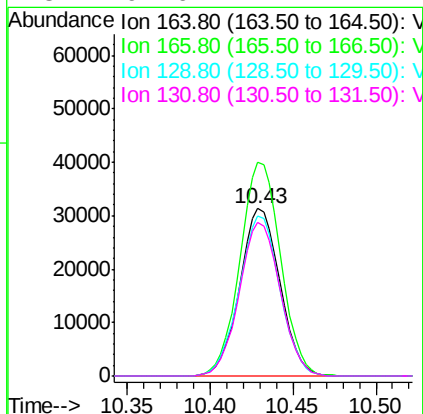
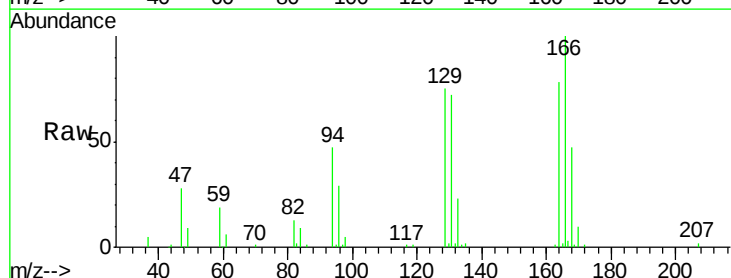
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

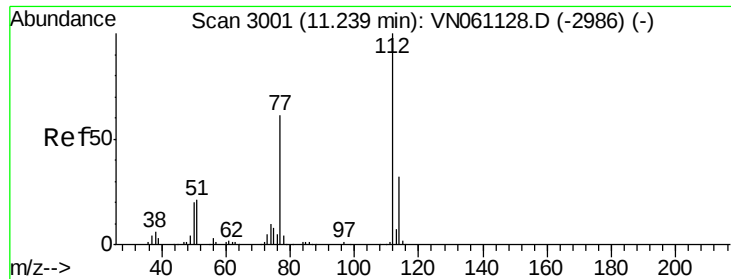
Tgt Ion:117 Resp: 284513
Ion Ratio Lower Upper
117 100
82 55.9 46.0 69.0
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 18.19 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion:164 Resp: 52989
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 95.3 76.5 114.7
131 91.6 74.2 111.4





#65

Chlorobenzene

Concen: 18.10 ug/l

RT: 11.24 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

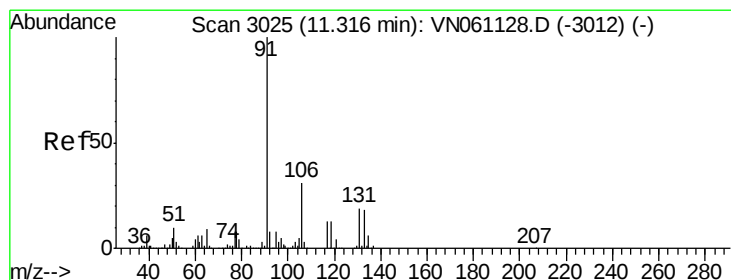
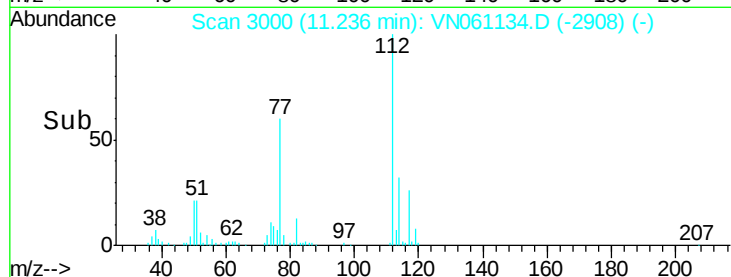
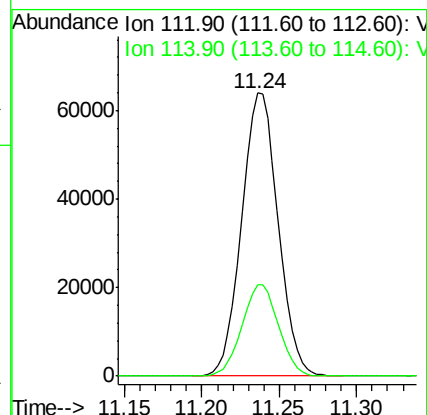
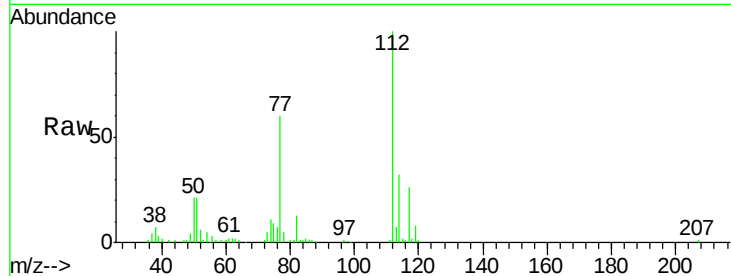
VN0422WBSD01

Tgt Ion:112 Resp: 104688

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.30 ug/l

RT: 11.32 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

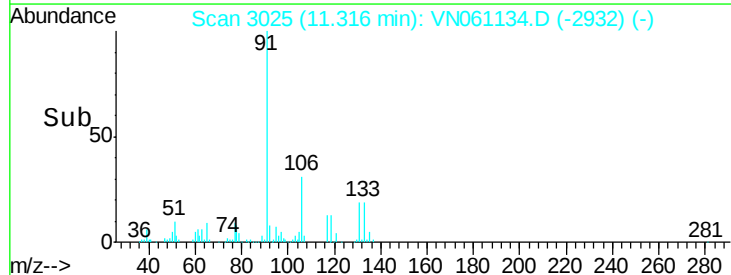
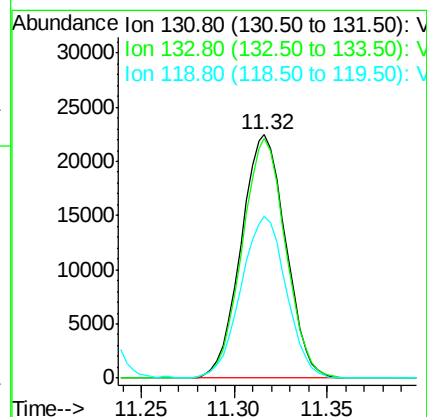
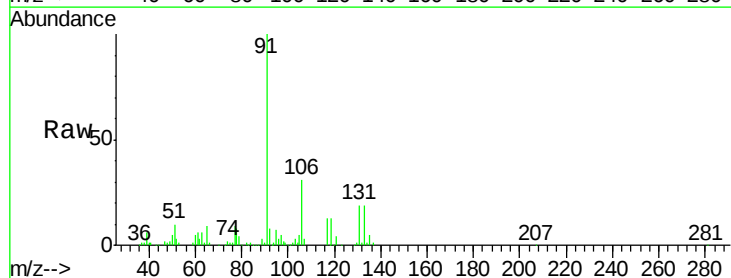
Tgt Ion:131 Resp: 37511

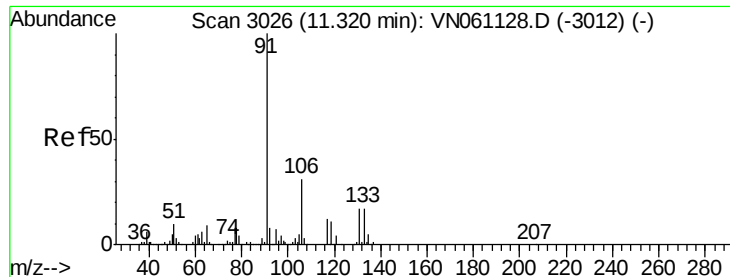
Ion Ratio Lower Upper

131 100

133 96.0 48.2 144.6

119 67.1 33.1 99.5





#67

Ethyl Benzene

Concen: 17.98 ug/l

RT: 11.32 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

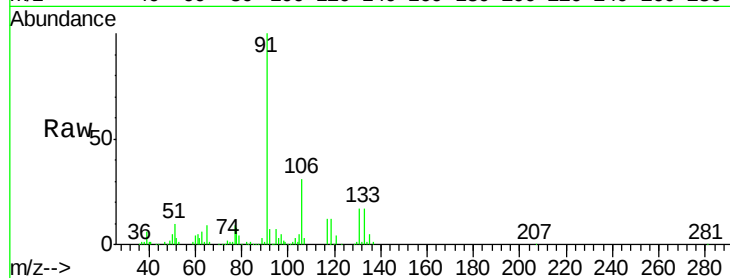
VN0422WBSD01

Tgt Ion: 91 Resp: 193601

Ion Ratio Lower Upper

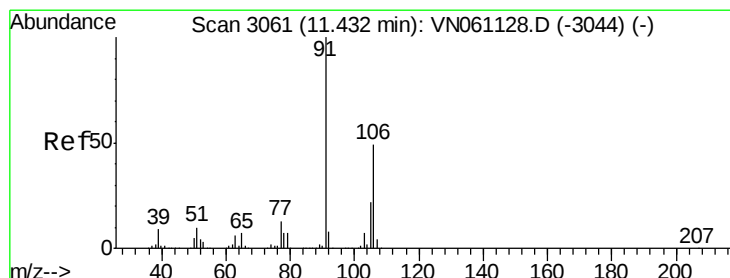
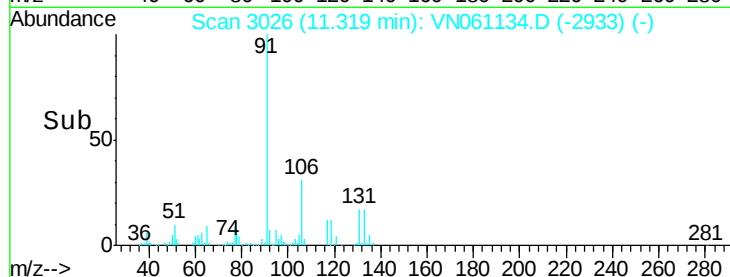
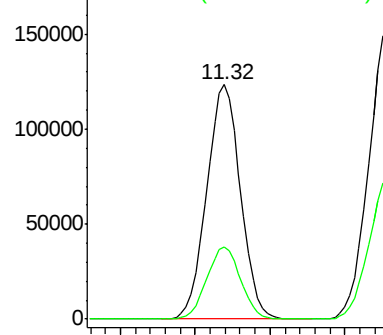
91 100

106 30.9 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.20 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN061134.D

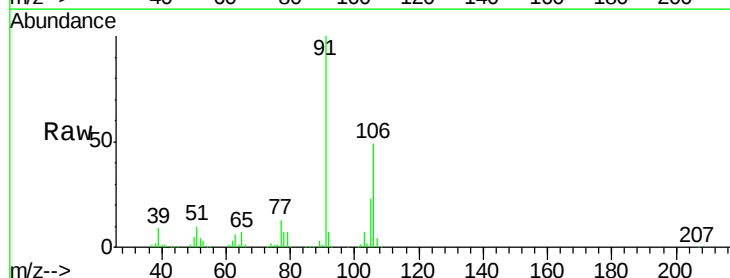
Acq: 22 Apr 2020 18:01

Tgt Ion: 106 Resp: 145585

Ion Ratio Lower Upper

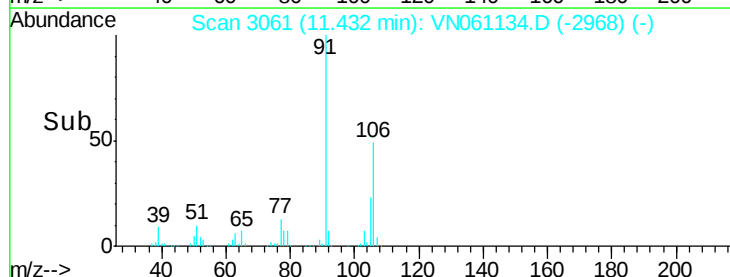
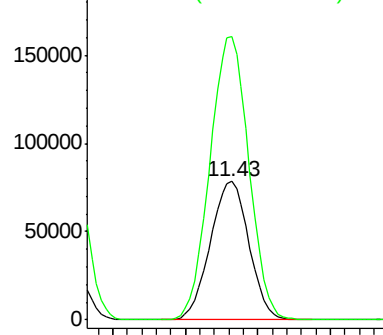
106 100

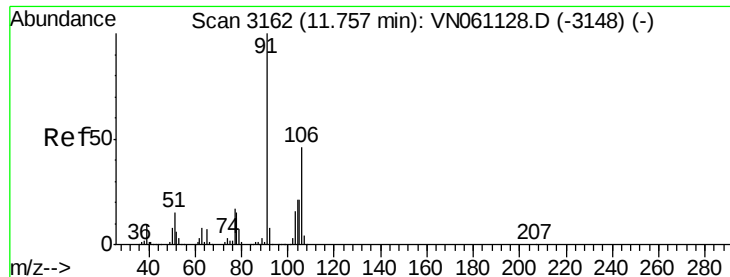
91 205.3 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

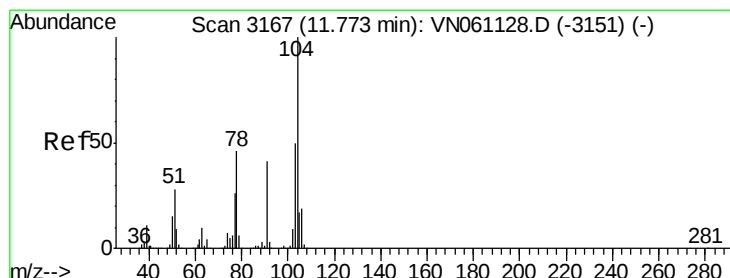
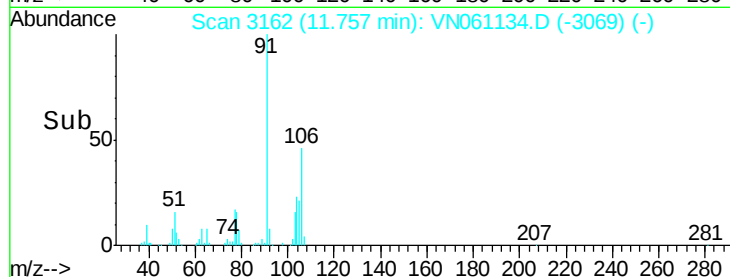
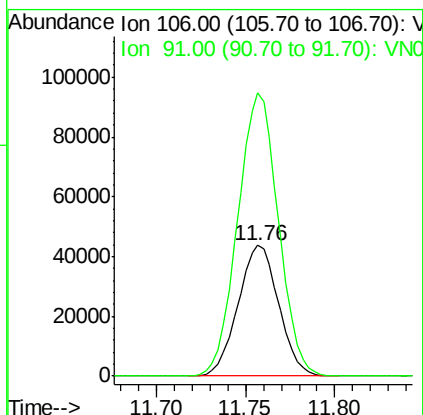
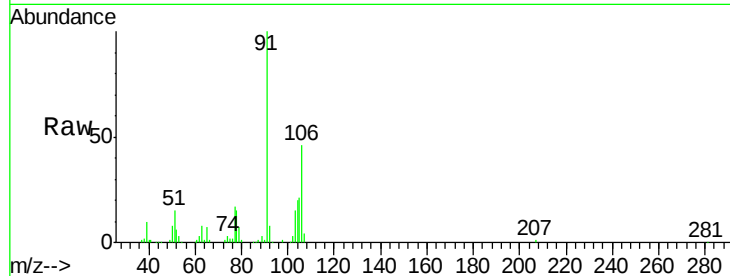




#69
o-Xylene
Concen: 17.95 ug/l
RT: 11.76 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

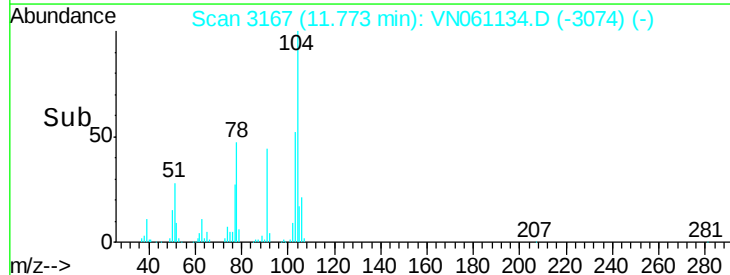
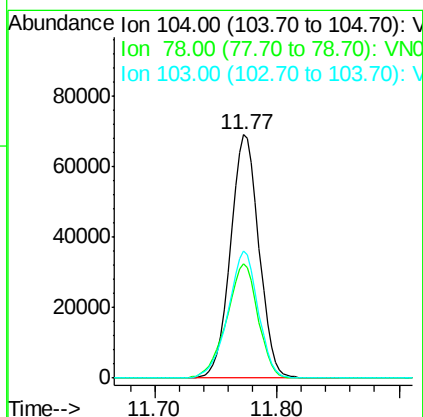
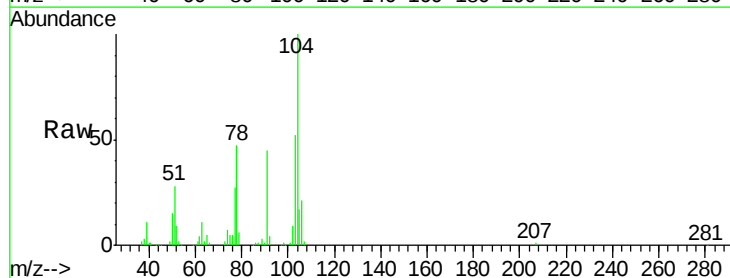
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

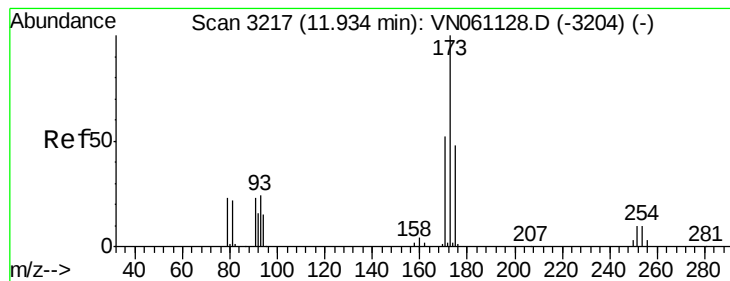
Tgt Ion:106 Resp: 69698
Ion Ratio Lower Upper
106 100
91 216.3 107.6 322.8



#70
Styrene
Concen: 17.84 ug/l
RT: 11.77 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion:104 Resp: 112215
Ion Ratio Lower Upper
104 100
78 51.7 40.6 61.0
103 55.5 43.7 65.5





#71

Bromoform

Concen: 17.71 ug/l

RT: 11.93 min Scan# 3217

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

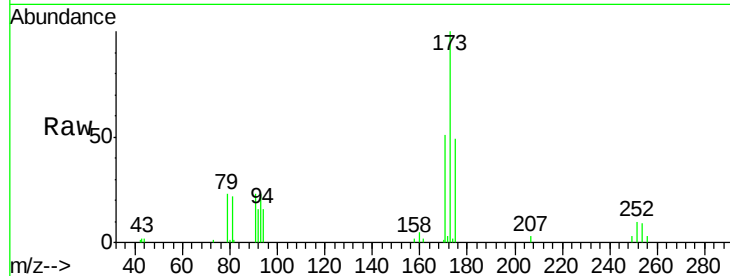
Tgt Ion:173 Resp: 27374

Ion Ratio Lower Upper

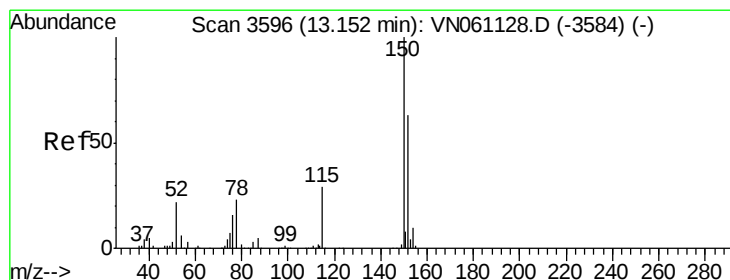
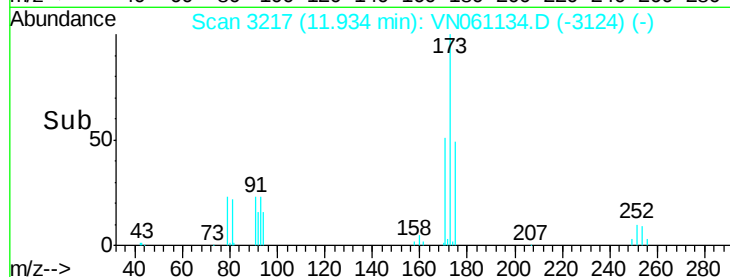
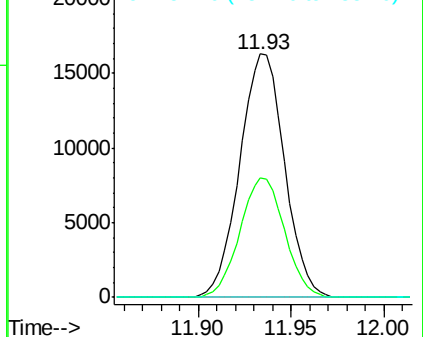
173 100

175 49.0 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.16 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

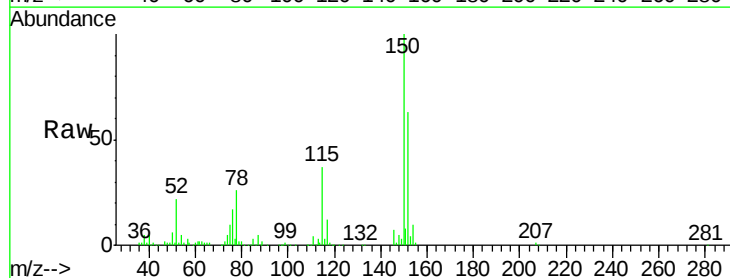
Tgt Ion:152 Resp: 137597

Ion Ratio Lower Upper

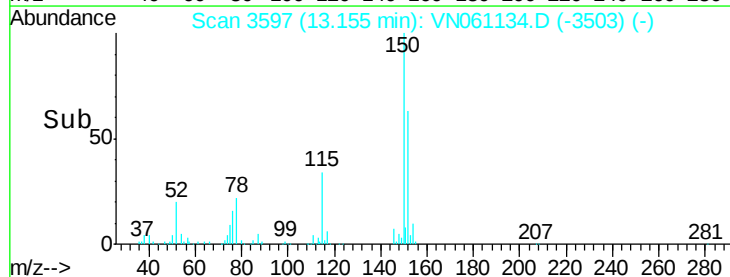
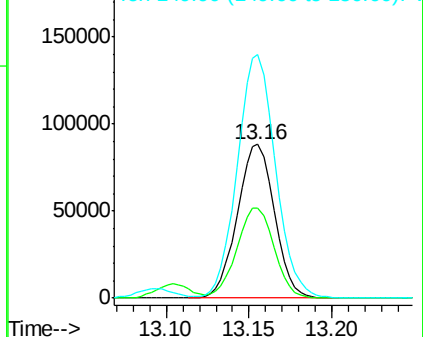
152 100

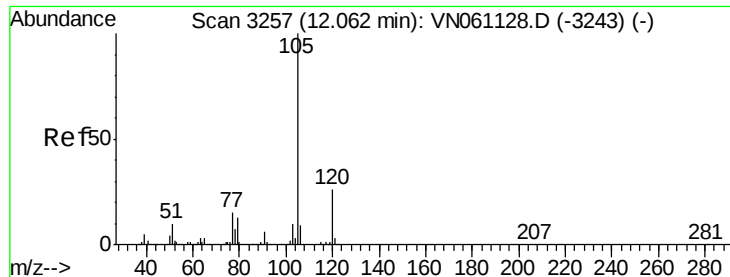
115 59.4 29.8 89.5

150 163.4 0.0 348.6



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





#73

Isopropylbenzene

Concen: 17.94 ug/l

RT: 12.06 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

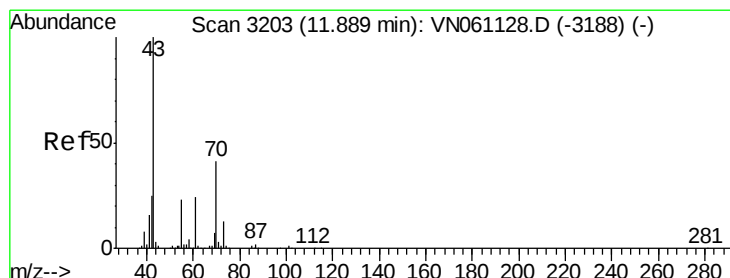
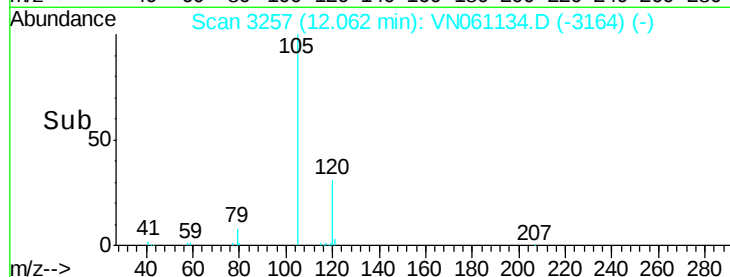
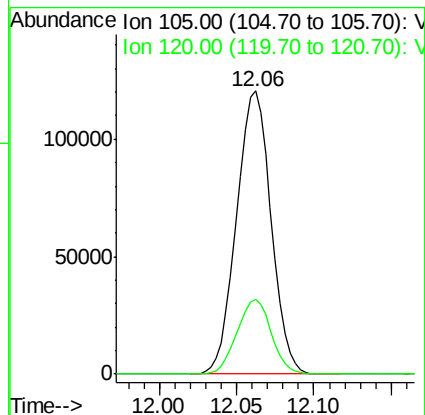
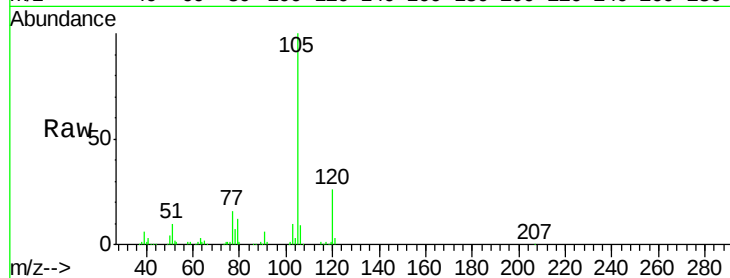
VN0422WBSD01

Tgt Ion: 105 Resp: 186503

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 16.52 ug/l

RT: 11.89 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Tgt Ion: 43 Resp: 77204

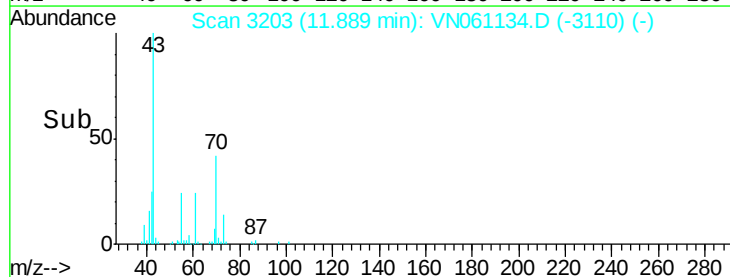
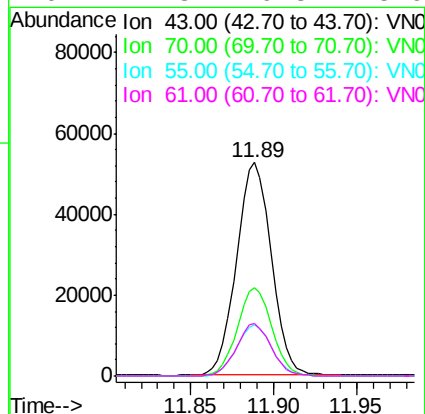
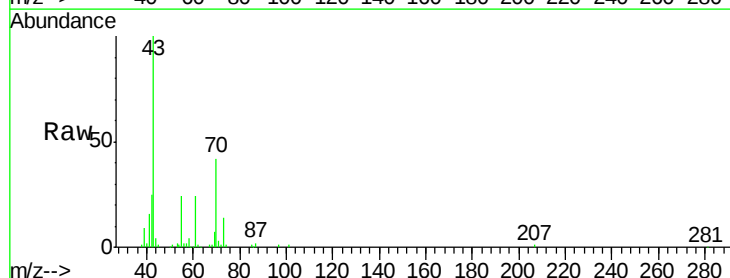
Ion Ratio Lower Upper

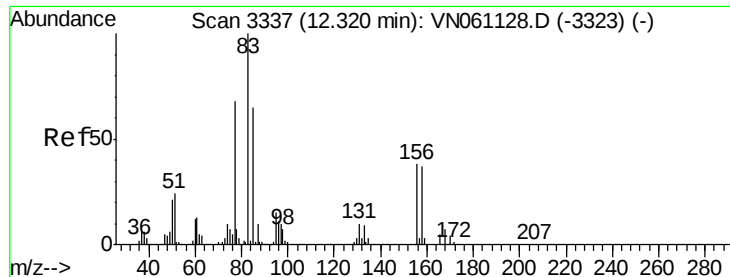
43 100

70 41.1 32.5 48.7

55 24.2 19.0 28.6

61 24.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 17.66 ug/l

RT: 12.32 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

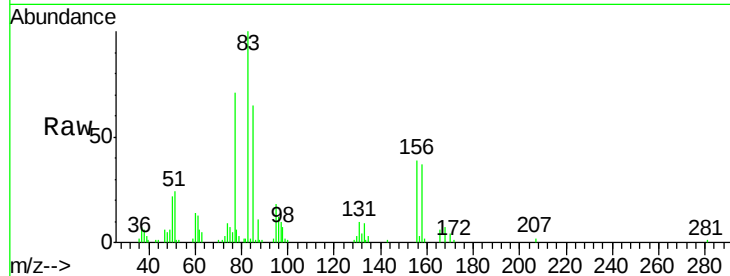
Tgt Ion: 83 Resp: 49199

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

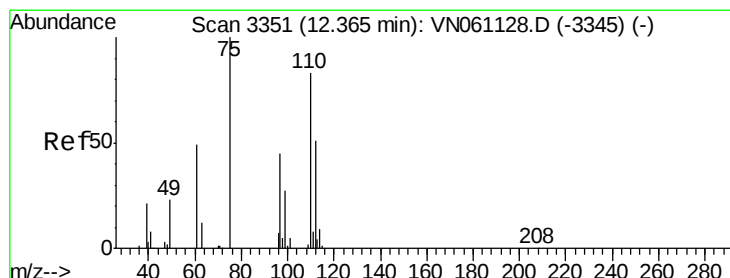
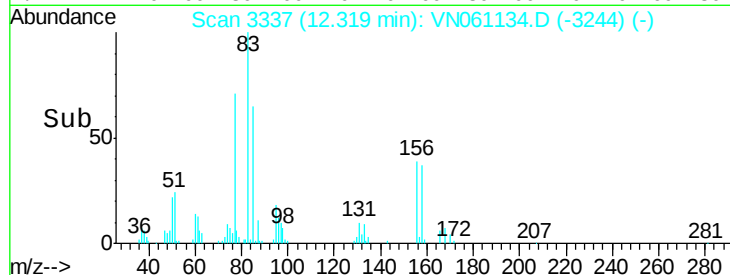
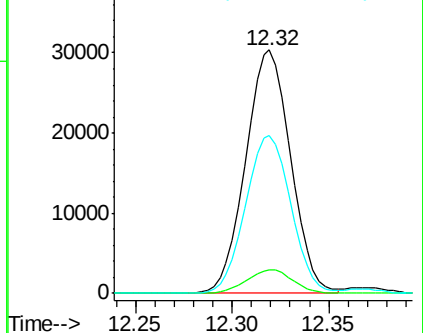
85 65.3 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 22.99 ug/l

RT: 12.36 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN061134.D

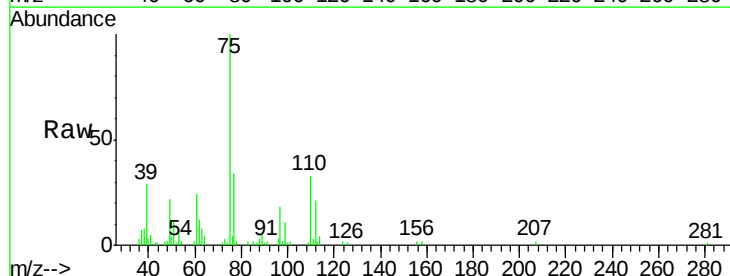
Acq: 22 Apr 2020 18:01

Tgt Ion: 75 Resp: 72971

Ion Ratio Lower Upper

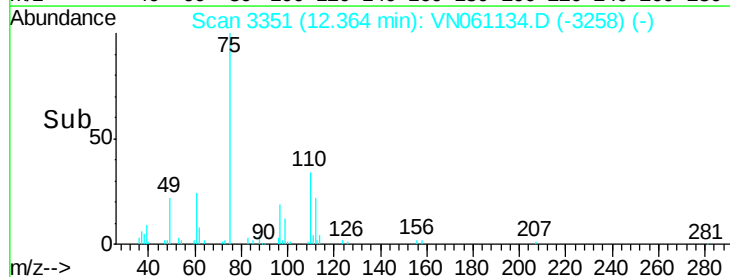
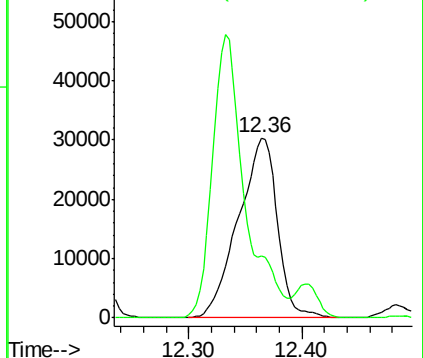
75 100

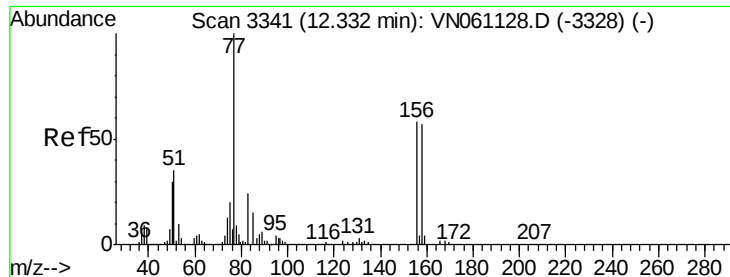
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

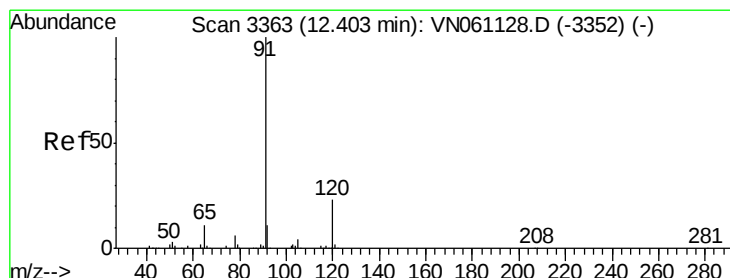
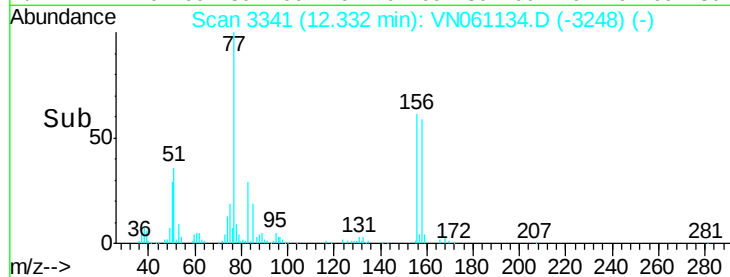
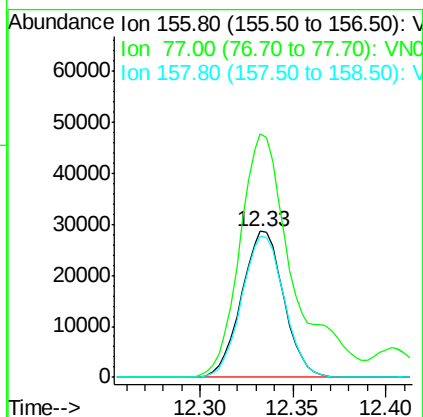
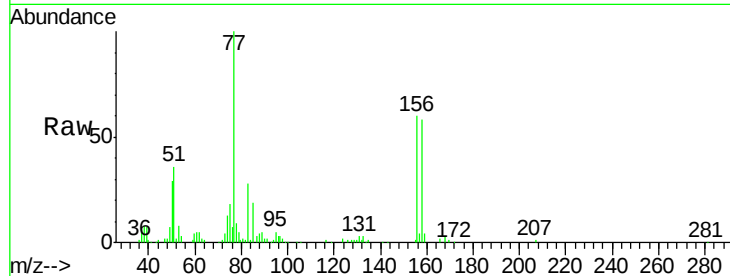




#77
Bromobenzene
Concen: 17.88 ug/l
RT: 12.33 min Scan# 3341
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

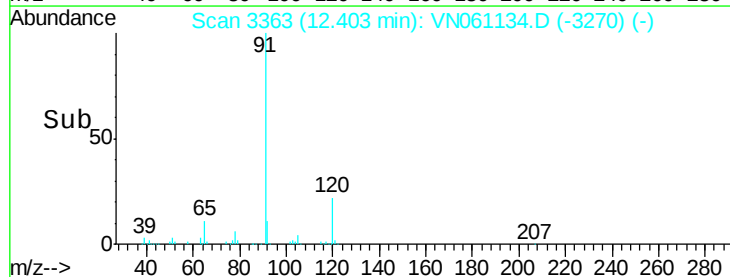
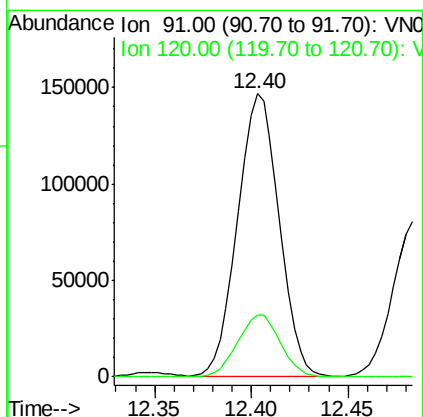
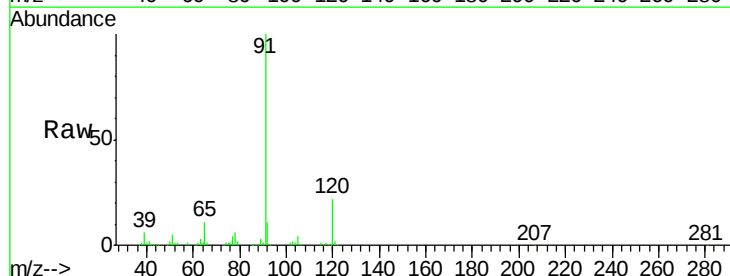
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

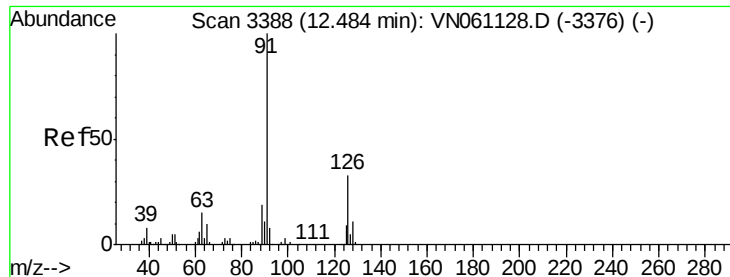
Tgt Ion: 156 Resp: 45297
Ion Ratio Lower Upper
156 100
77 209.5 105.7 317.1
158 97.8 48.3 144.9



#78
n-propylbenzene
Concen: 17.93 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion: 91 Resp: 218646
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 17.79 ug/l

RT: 12.48 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

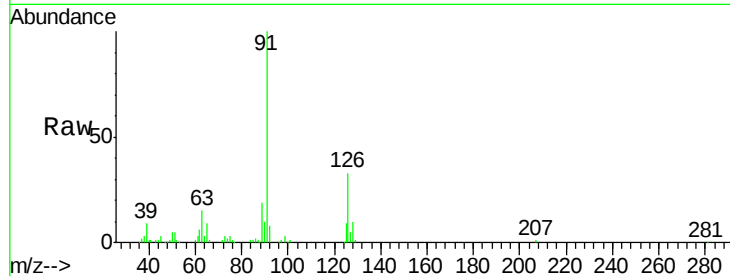
VN0422WBSD01

Tgt Ion: 91 Resp: 125969

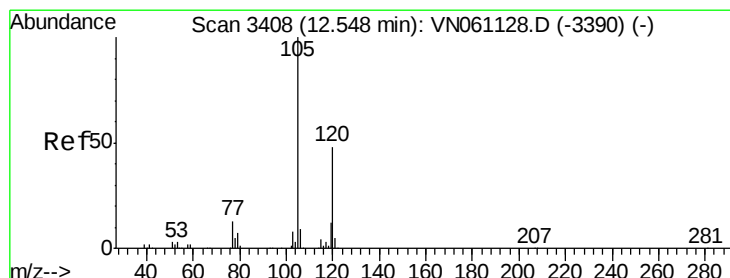
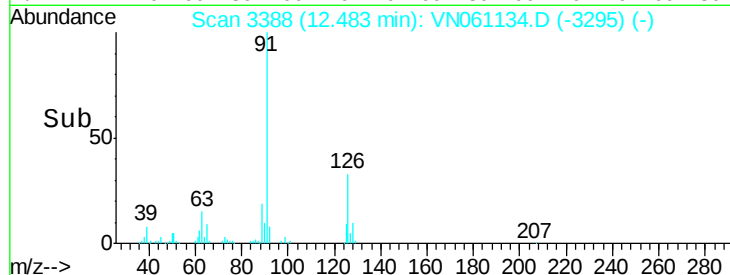
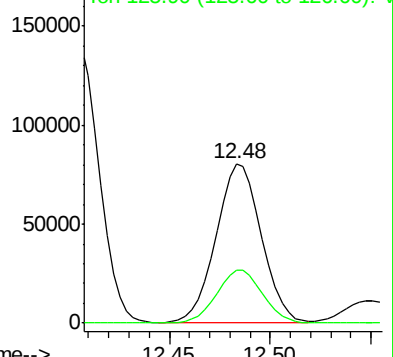
Ion Ratio Lower Upper

91 100

126 33.8 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN061128.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.84 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN061134.D

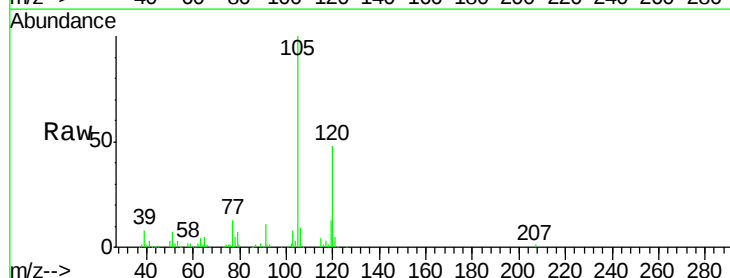
Acq: 22 Apr 2020 18:01

Tgt Ion: 105 Resp: 156281

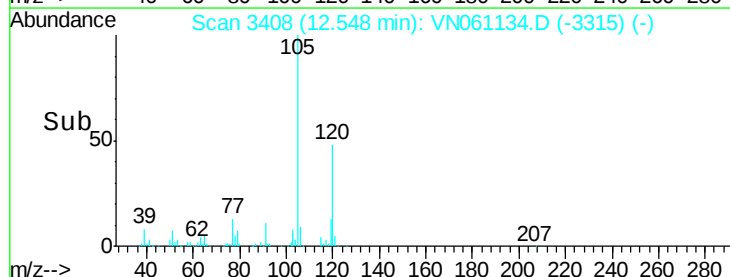
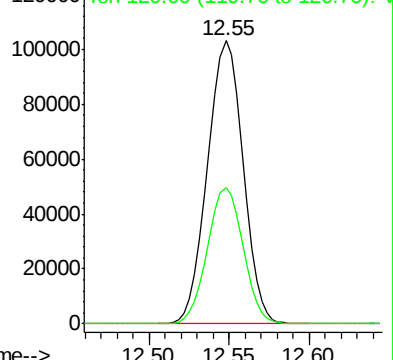
Ion Ratio Lower Upper

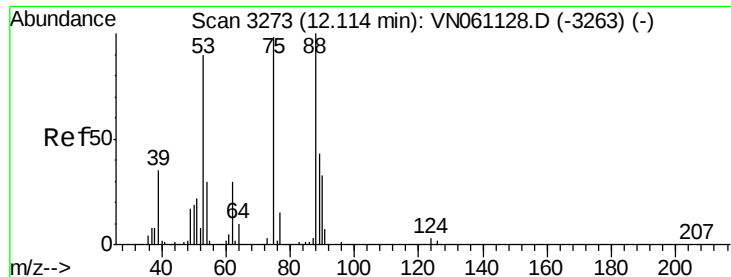
105 100

120 48.1 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VN061128.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.46 ug/l

RT: 12.11 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

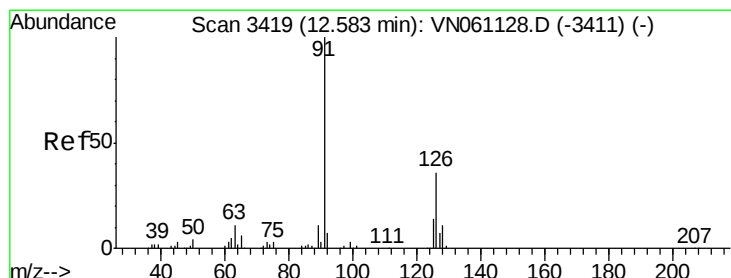
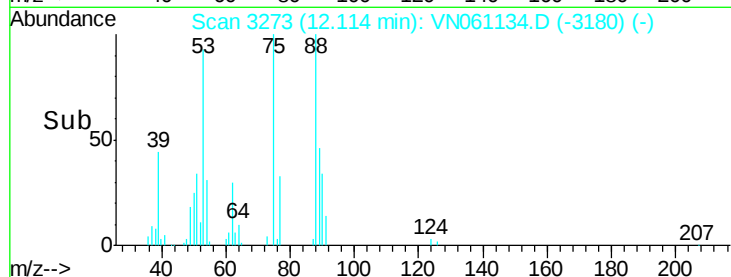
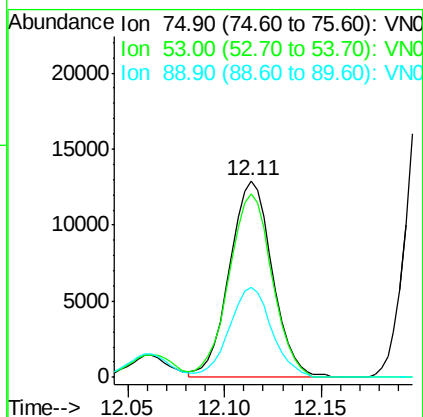
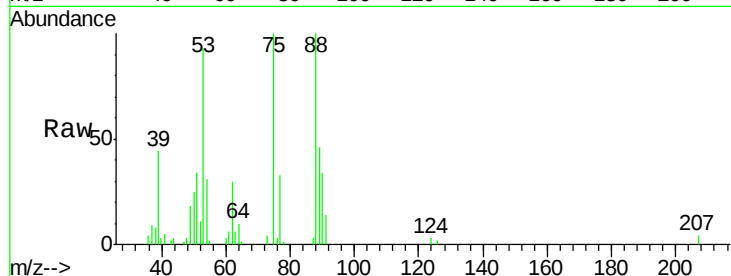
Tgt Ion: 75 Resp: 19894

Ion Ratio Lower Upper

75 100

53 94.0 74.3 111.5

89 45.6 36.6 55.0



#82

4-Chlorotoluene

Concen: 17.67 ug/l

RT: 12.58 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN061134.D

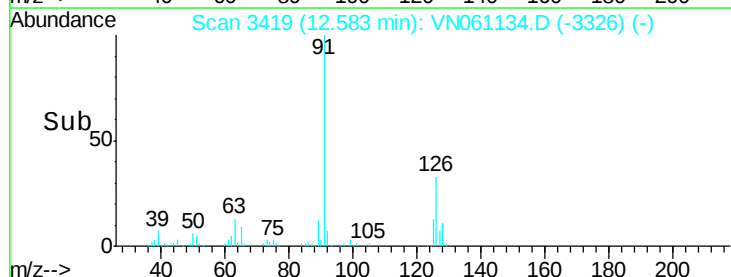
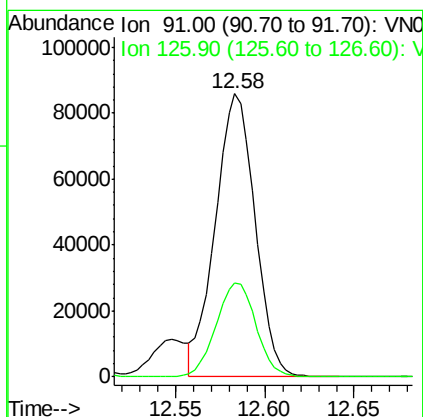
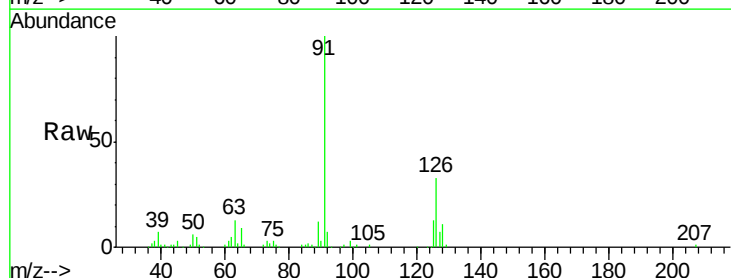
Acq: 22 Apr 2020 18:01

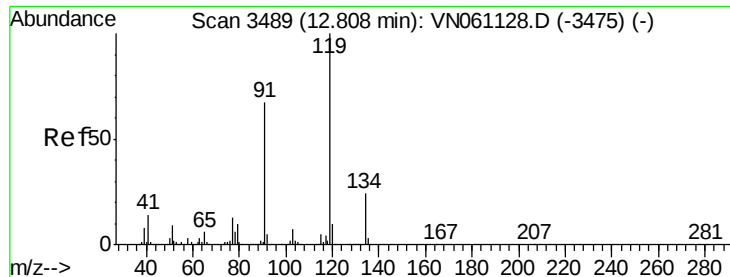
Tgt Ion: 91 Resp: 132750

Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.2

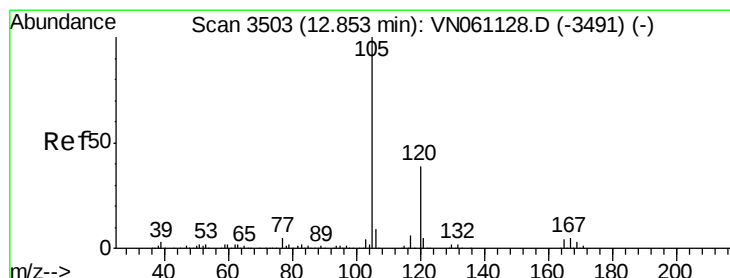
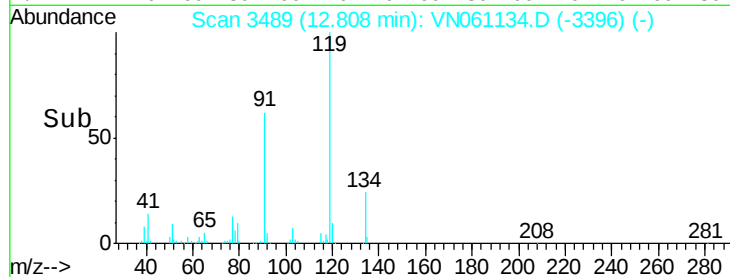
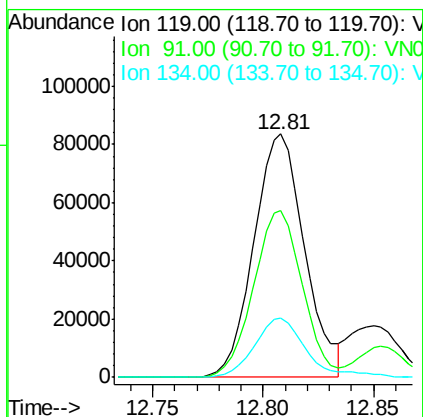
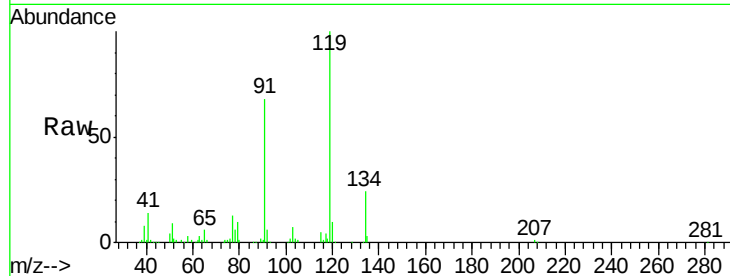




#83
 tert-Butylbenzene
 Concen: 18.14 ug/l
 RT: 12.81 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

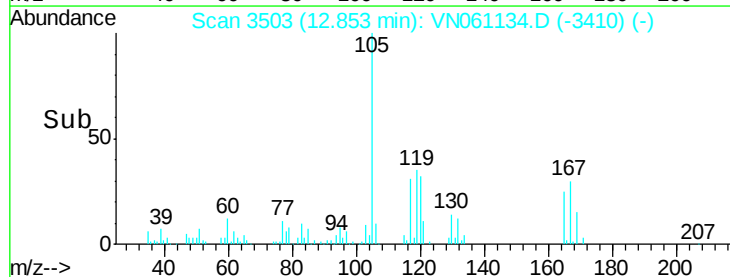
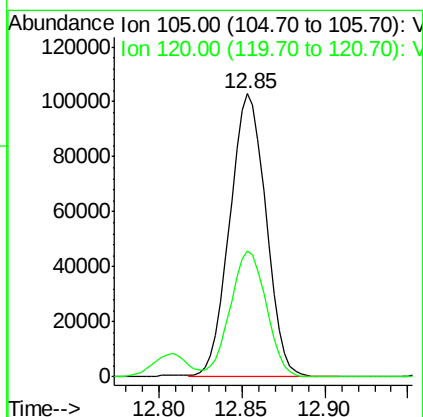
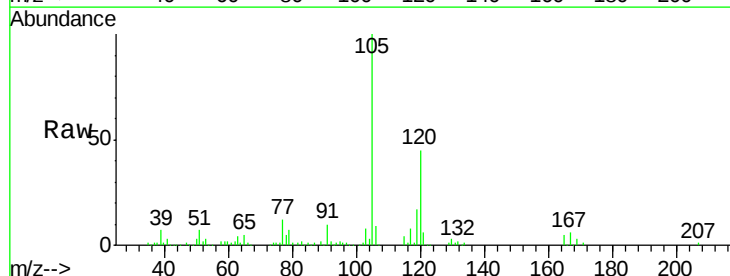
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

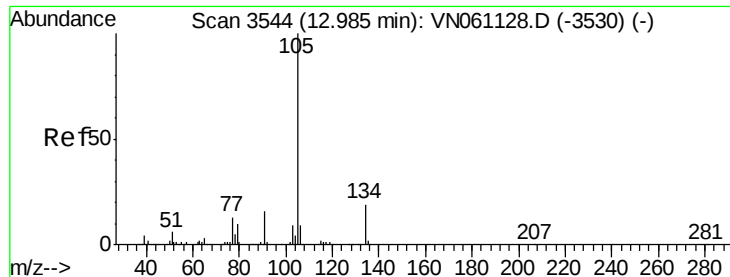
Tgt Ion:119 Resp: 133465
 Ion Ratio Lower Upper
 119 100
 91 65.9 32.8 98.4
 134 24.7 12.2 36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 17.95 ug/l
 RT: 12.85 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion:105 Resp: 156630
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.0

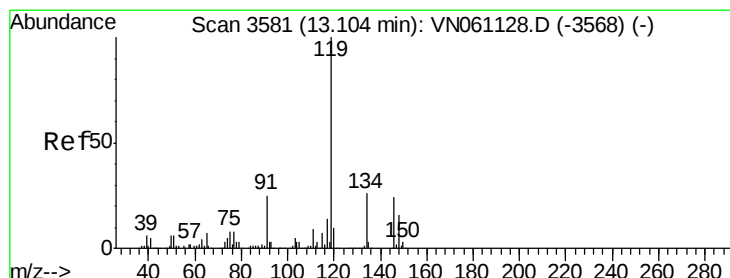
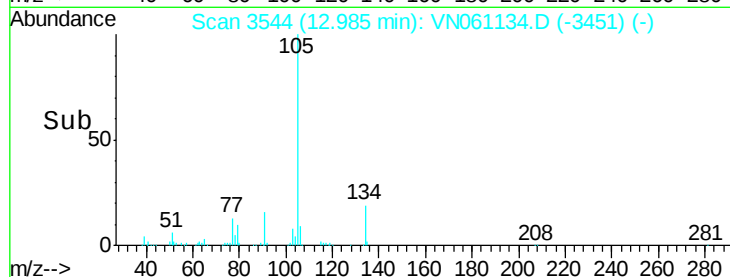
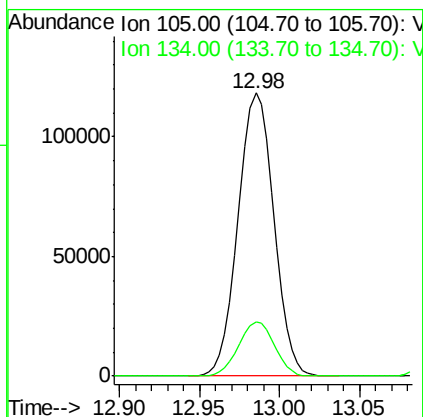
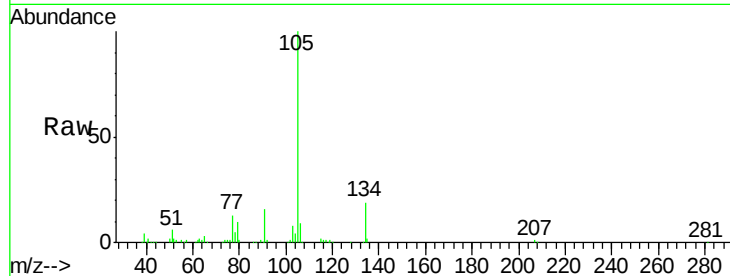




#85
 sec-Butylbenzene
 Concen: 18.06 ug/l
 RT: 12.98 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

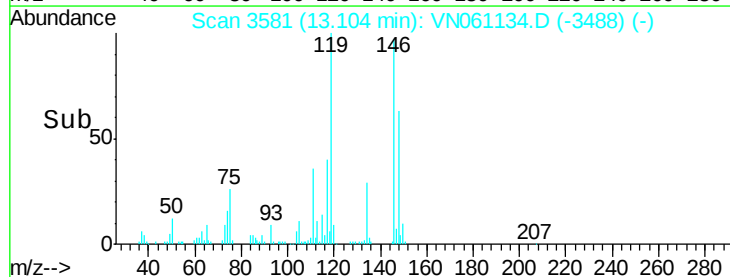
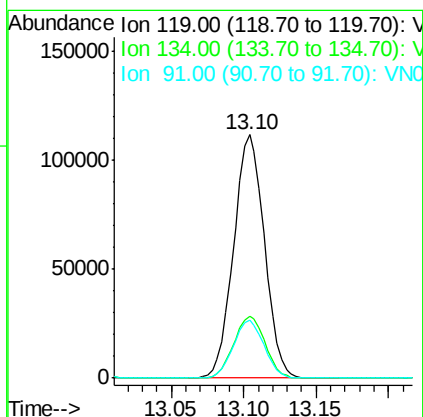
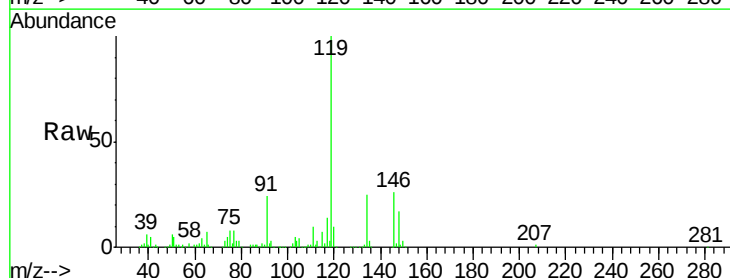
Instrument :
 MSVOA_N
 ClientSampled :
 VN0422WBSD01

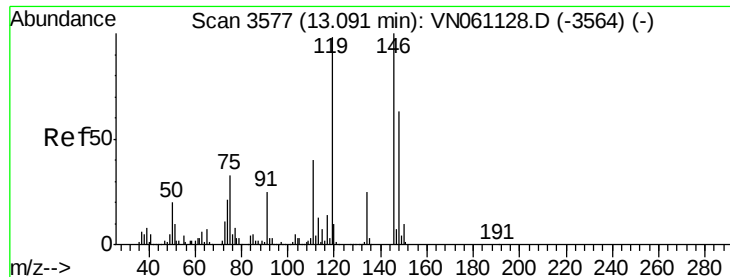
Tgt Ion:105 Resp: 179737
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 18.15 ug/l
 RT: 13.10 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion:119 Resp: 163952
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.7 12.4 37.0

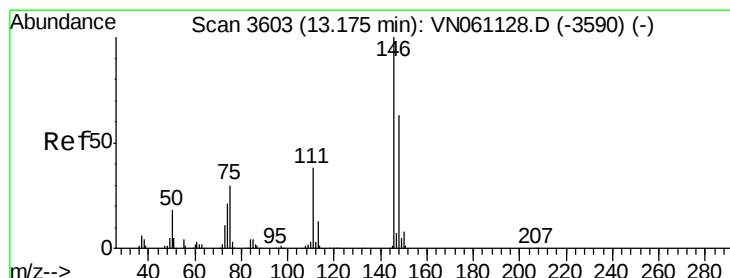
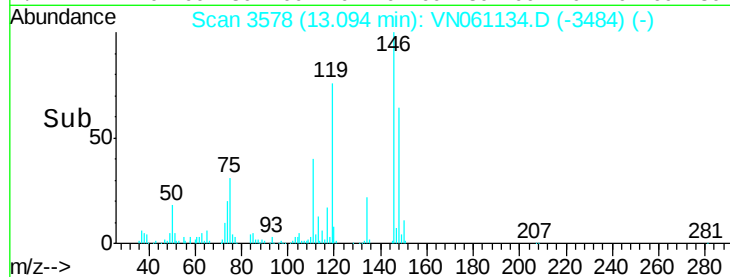
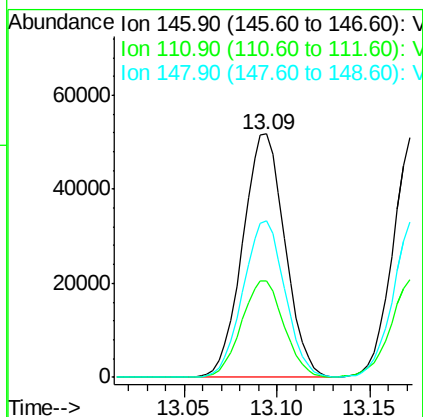
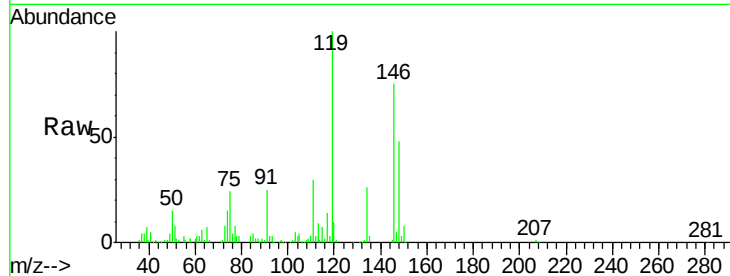




#87
 1,3-Dichlorobenzene
 Concen: 18.25 ug/l
 RT: 13.09 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

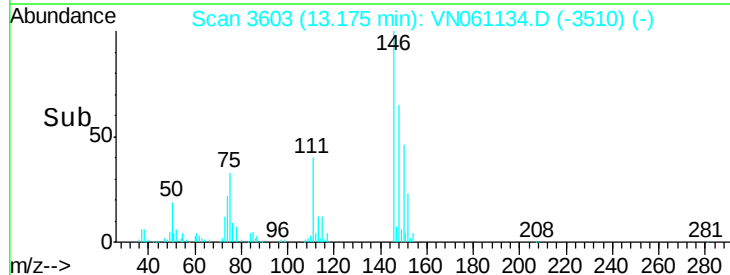
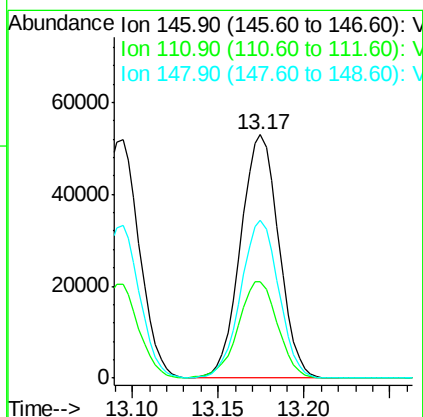
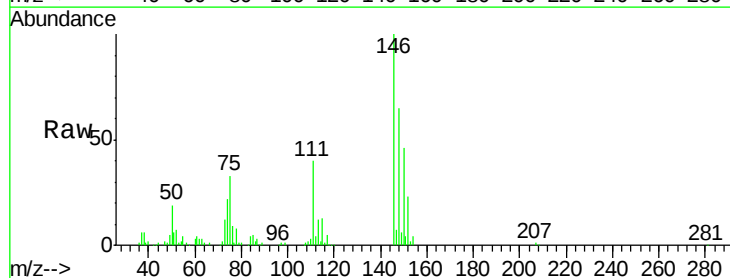
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

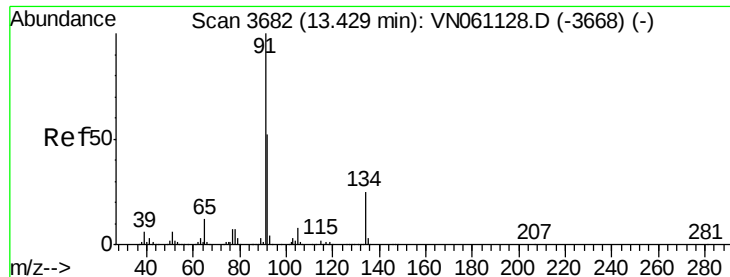
Tgt Ion:146 Resp: 81931
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.9
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.01 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion:146 Resp: 82057
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.7 59.1
 148 64.4 31.8 95.3

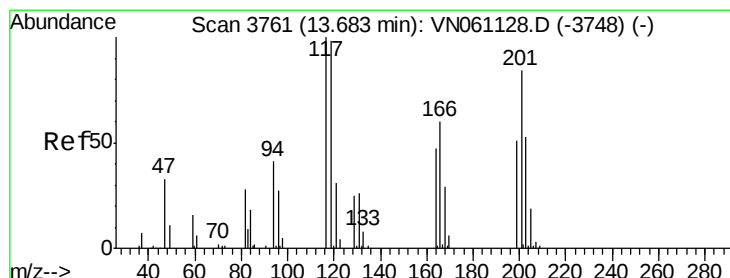
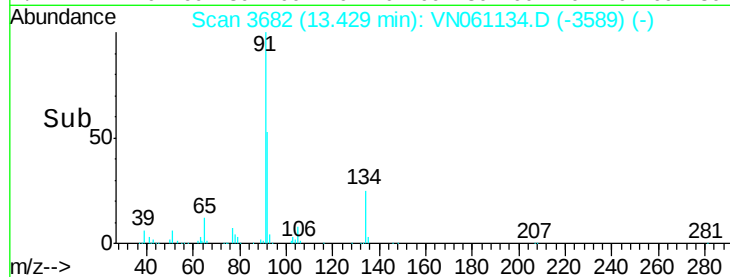
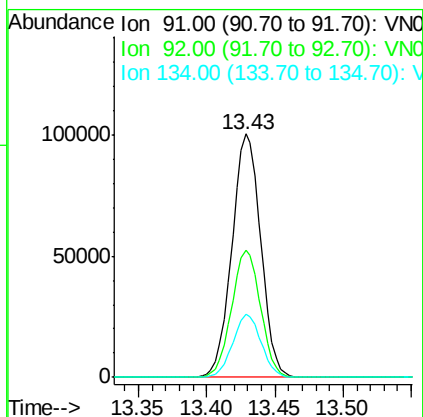
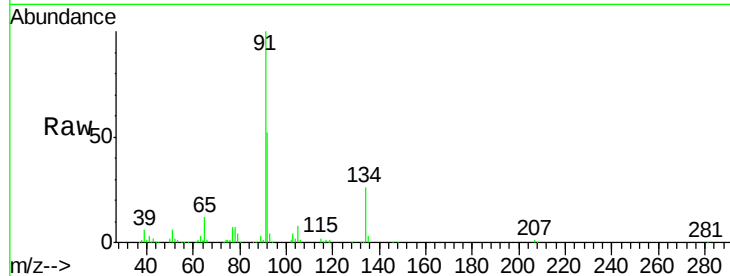




#89
n-Butylbenzene
Concen: 17.86 ug/l
RT: 13.43 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

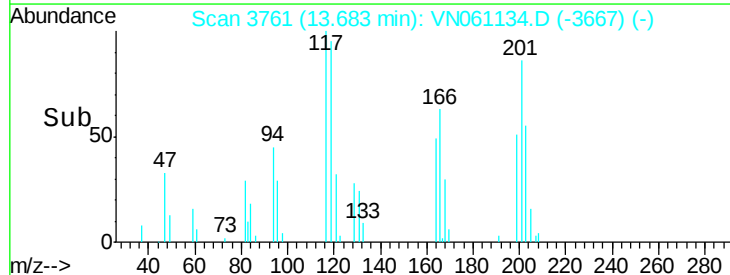
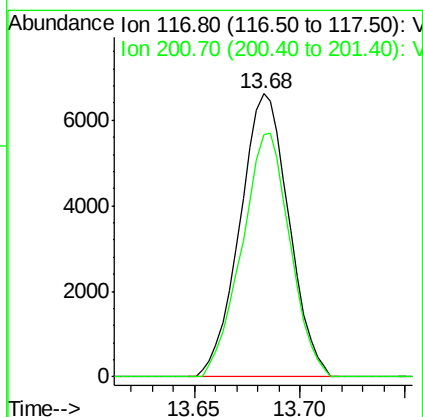
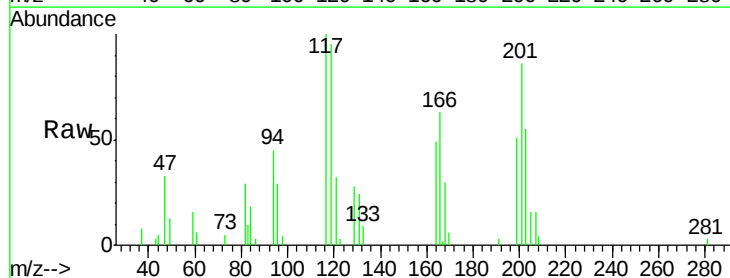
Instrument :
MSVOA_N
ClientSampled :
VN0422WBSD01

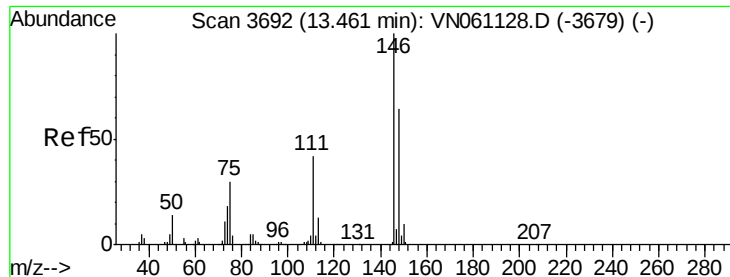
Tgt Ion: 91 Resp: 147218
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.2
134 25.4 12.6 37.6



#90
Hexachloroethane
Concen: 14.75 ug/l
RT: 13.68 min Scan# 3761
Delta R.T. 0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion: 117 Resp: 10710
Ion Ratio Lower Upper
117 100
201 84.3 41.4 124.4





#91

1,2-Dichlorobenzene

Concen: 18.53 ug/l

RT: 13.46 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

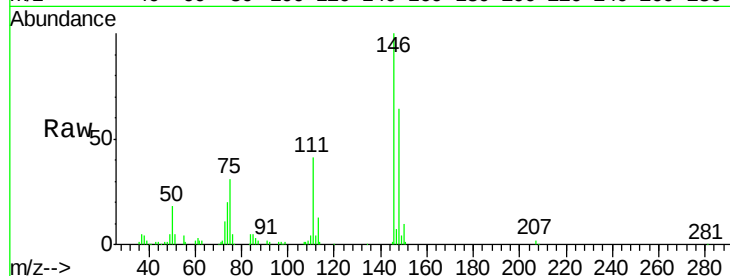
Tgt Ion:146 Resp: 77370

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.2

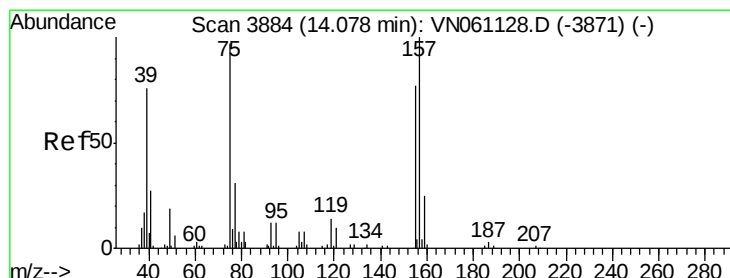
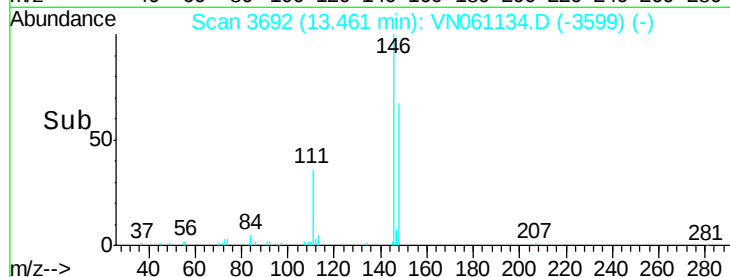
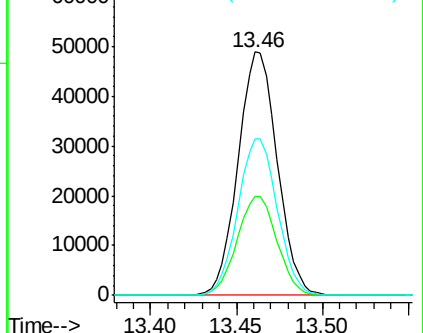
148 64.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.21 ug/l

RT: 14.08 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VN061134.D

Acq: 22 Apr 2020 18:01

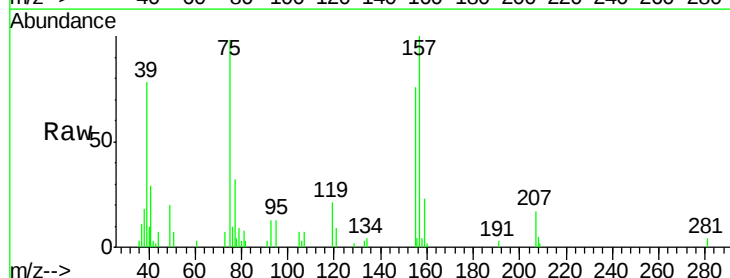
Tgt Ion: 75 Resp: 10408

Ion Ratio Lower Upper

75 100

155 79.7 40.3 120.9

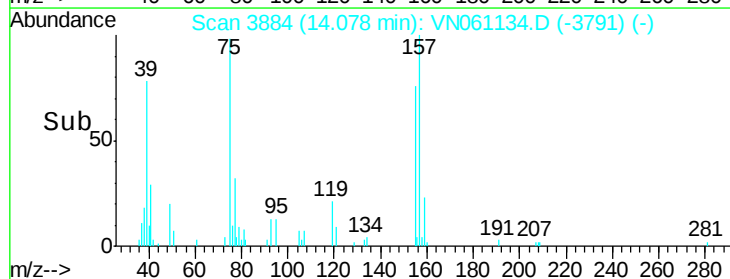
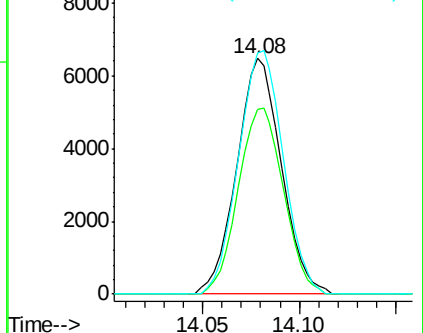
157 103.6 51.6 154.8

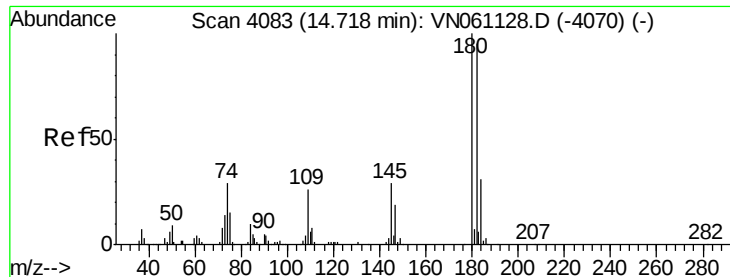


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

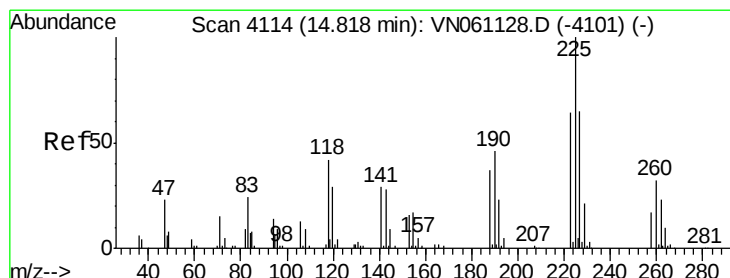
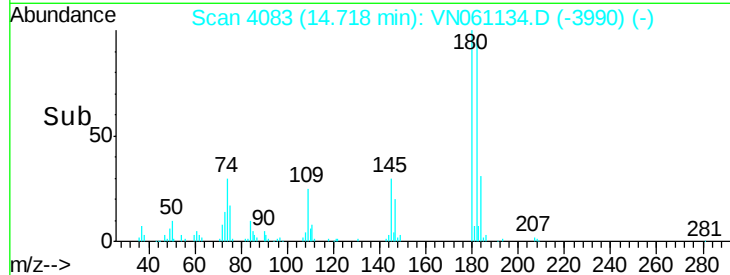
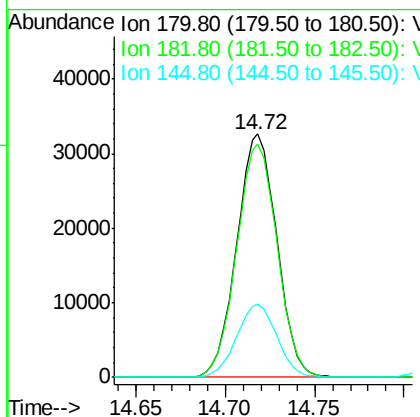
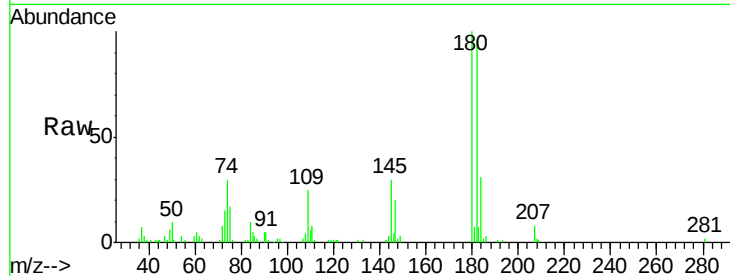




#93
 1,2,4-Trichlorobenzene
 Concen: 18.25 ug/l
 RT: 14.72 min Scan# 4083
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

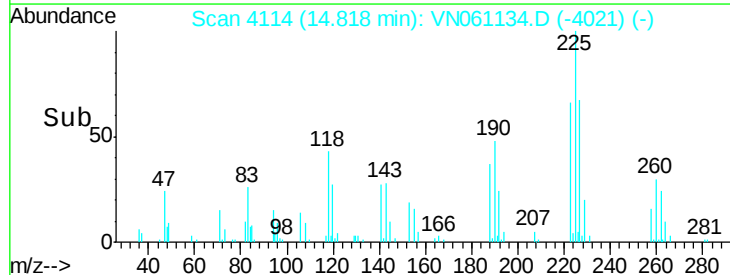
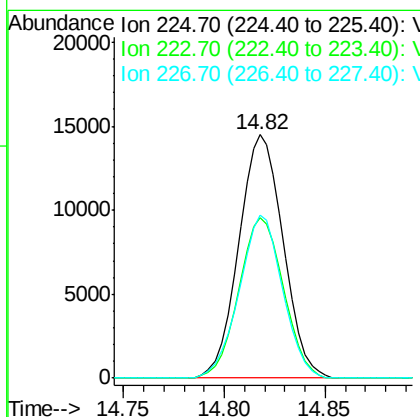
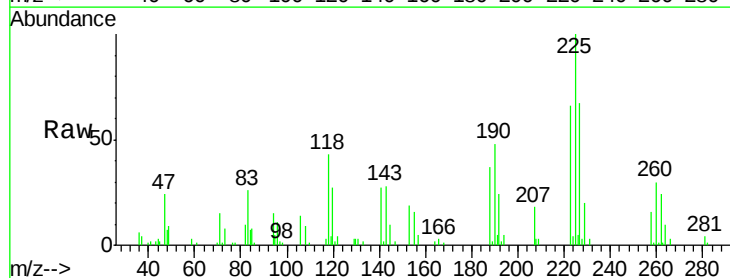
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

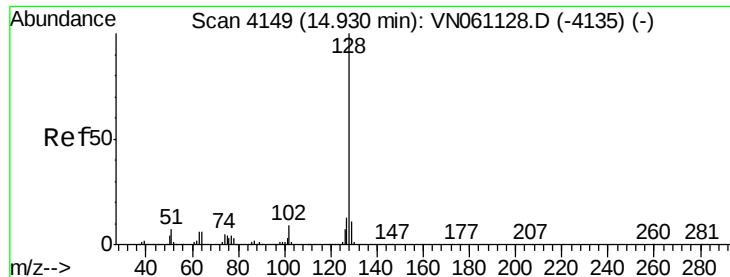
Tgt Ion:180 Resp: 50976
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.9 143.7
 145 30.3 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 18.30 ug/l
 RT: 14.82 min Scan# 4114
 Delta R.T. -0.00 min
 Lab File: VN061134.D
 Acq: 22 Apr 2020 18:01

Tgt Ion:225 Resp: 22297
 Ion Ratio Lower Upper
 225 100
 223 66.3 31.6 95.0
 227 65.6 32.0 96.2

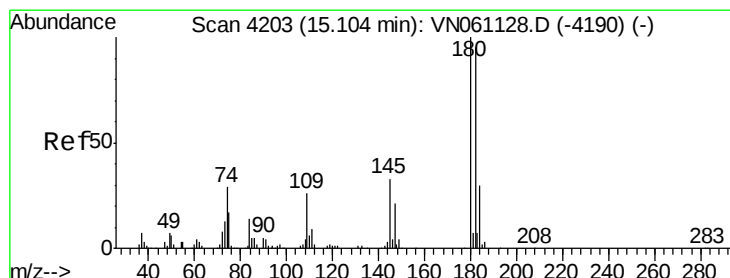
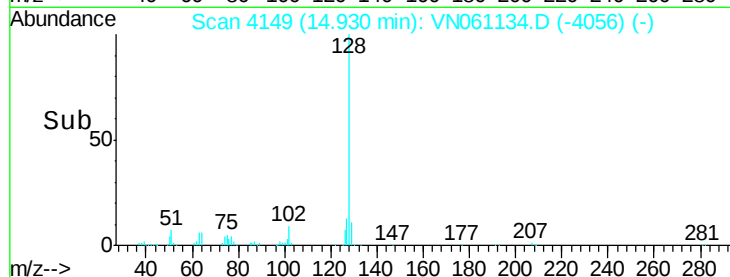
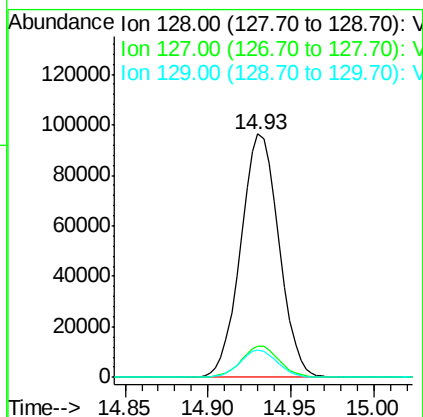
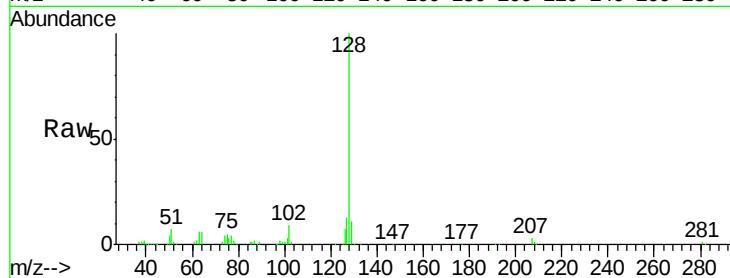




#95
Naphthalene
Concen: 17.87 ug/l
RT: 14.93 min Scan# 4149
Delta R.T. -0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

Tgt Ion:128 Resp: 154158
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.70 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061134.D
Acq: 22 Apr 2020 18:01

Tgt Ion:180 Resp: 50179
Ion Ratio Lower Upper
180 100
182 94.4 47.7 143.1
145 31.8 16.3 48.8

