

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051520\
 Data File : VN061413.D
 Acq On : 15 May 2020 16:48
 Operator : JC/MD
 Sample : VN0515WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

Quant Time: May 16 00:43:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.14	128	17129	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	98671	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	89924	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	47897	31.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.07%
60) 4-Bromofluorobenzene	12.37	95	45768	29.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.37%
63) Toluene-d8	10.06	98	124855	29.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.97%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	13702	17.57	ug/l	96
3) Chloromethane	2.03	50	27654	19.39	ug/l	98
4) Vinyl Chloride	2.16	62	37740	19.74	ug/l	98
5) Bromomethane	2.54	94	20069	20.67	ug/l	97
6) Chloroethane	2.67	64	26094	20.18	ug/l	96
7) Trichlorofluoromethane	2.98	101	52590	25.71	ug/l	100
8) Diethyl Ether	3.37	74	12843	19.74	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	15853	18.14	ug/l	72
10) 1,1-Dichloroethene	3.69	96	16535	17.97	ug/l	98
11) Methyl Iodide	3.91	142	19511	19.59	ug/l	98
12) Methyl Acetate	4.27	43	23701	21.21	ug/l	99
13) Acrolein	3.56	56	14748	78.39	ug/l	95
14) Acrylonitrile	4.92	53	51148	97.52	ug/l	99
15) Acetone	3.77	58	12292	97.59	ug/l	94
16) Carbon Disulfide	4.00	76	42519	16.44	ug/l	97
17) Allyl chloride	4.27	41	37356	20.17	ug/l	97
18) Methylene Chloride	4.50	84	20936	18.86	ug/l	96
19) trans-1,2-Dichloroethene	4.98	96	19996	18.26	ug/l	93
20) Diisopropyl ether	5.89	45	81766	18.97	ug/l	98
21) 1,1-Dichloroethane	5.79	63	41911	18.62	ug/l	99
22) cis-1,2-Dichloroethene	6.78	96	24689	19.23	ug/l	98
23) tert-Butyl Alcohol	4.72	59	21338	126.91	ug/l #	100
24) Methyl tert-Butyl Ether	4.98	73	73413	19.66	ug/l	96
25) Chloroform	7.32	83	41574	19.05	ug/l	98
26) Cyclohexane	7.61	56	37790	17.58	ug/l #	97
29) 1,1-Dichloropropene	7.75	75	31081	17.95	ug/l	100
30) 2-Butanone	6.78	43	74251	101.37	ug/l	100
31) 2,2-Dichloropropane	6.77	77	35921	17.76	ug/l #	79
32) 1,1,1-Trichloroethane	7.53	97	35099	18.12	ug/l	98
33) Carbon Tetrachloride	7.73	117	26998	18.15	ug/l	94
34) Benzene	8.00	78	93274	19.04	ug/l	98
35) Methacrylonitrile	7.13	41	15892m	21.63	ug/l	
36) 1,2-Dichloroethane	8.08	62	38078	20.25	ug/l	98
37) Trichloroethene	8.80	130	22757	18.87	ug/l	100
38) Methylcyclohexane	9.04	83	37187	17.89	ug/l	95
39) 1,2-Dichloropropane	9.08	63	26164	19.43	ug/l	96
40) Dibromomethane	9.17	93	16222	19.50	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	35054	19.43	ug/l	99
42) Vinyl Acetate	5.84	43	342038	98.34	ug/l	100
43) Ethyl Acetate	6.88	43	33005	21.10	ug/l	94
44) Isopropyl Acetate	8.12	43	59228	19.50	ug/l	# 90
45) 1,4-Dioxane	9.16	88	8002	667.53	ug/l	# 94
46) Methyl methacrylate	9.16	41	28156	19.71	ug/l	97
47) n-amyl Acetate	12.04	43	50392	18.60	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	40659	19.09	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	41887	18.60	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	22392	19.47	ug/l	94
51) Ethyl methacrylate	10.40	69	38029	19.19	ug/l	93
52) 1,3-Dichloropropane	10.68	76	42249	20.12	ug/l	98
53) Dibromochloromethane	10.87	129	23844	18.92	ug/l	100
54) 1,2-Dibromoethane	10.98	107	22763	19.18	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	88443	100.86	ug/l	98
56) Bromoform	12.10	173	14568	18.38	ug/l	# 94
58) 4-Methyl-2-Pentanone	9.95	43	166532	101.63	ug/l	99
59) 2-Hexanone	10.72	43	118527	102.26	ug/l	99
61) Tetrachloroethene	10.60	164	21070	18.74	ug/l	97
62) Toluene	10.12	91	98345	18.86	ug/l	98
64) Chlorobenzene	11.40	112	59334	19.23	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	21179	18.78	ug/l	98
66) Ethyl Benzene	11.48	91	109854	18.36	ug/l	98
67) m/p-Xylenes	11.59	106	81595	36.93	ug/l	99
68) o-Xylene	11.92	106	39052	18.52	ug/l	99
69) Styrene	11.94	104	66494	18.32	ug/l	98
70) Isopropylbenzene	12.22	105	103193	18.06	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	31097	19.70	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	30726m	20.41	ug/l	
73) Bromobenzene	12.50	156	21657	18.25	ug/l	86
74) n-propylbenzene	12.56	91	122080	17.97	ug/l	99
75) 2-Chlorotoluene	12.65	91	71860	18.44	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	86916	18.13	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	11529	18.40	ug/l	97
78) 4-Chlorotoluene	12.75	91	74316	18.22	ug/l	99
79) tert-butylbenzene	12.97	119	71656	17.99	ug/l	95
80) 1,2,4-Trimethylbenzene	13.01	105	86440	18.06	ug/l	98
81) sec-Butylbenzene	13.15	105	98962	18.03	ug/l	100
82) p-Isopropyltoluene	13.26	119	88070	17.82	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	40001	18.13	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	40162	18.40	ug/l	98
85) n-Butylbenzene	13.59	91	80011	17.49	ug/l	97
86) Hexachloroethane	13.85	117	12223	17.74	ug/l	82
87) 1,2-Dichlorobenzene	13.63	146	38762	18.53	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	6890	20.48	ug/l	90
89) 1,2,4-Trichlorobenzene	14.89	180	21761	18.10	ug/l	99
90) Hexachlorobutadiene	14.99	225	8617	17.60	ug/l	97
91) Naphthalene	15.10	128	70752	18.71	ug/l	100
92) 1,2,3-Trichlorobenzene	15.29	180	21486	18.40	ug/l	98

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Instrument :
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ClientSampleId :
VN0515WBSD01

Quant Time: May 16 00:43:09 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 16:04:10 2020
Response via : Initial Calibration

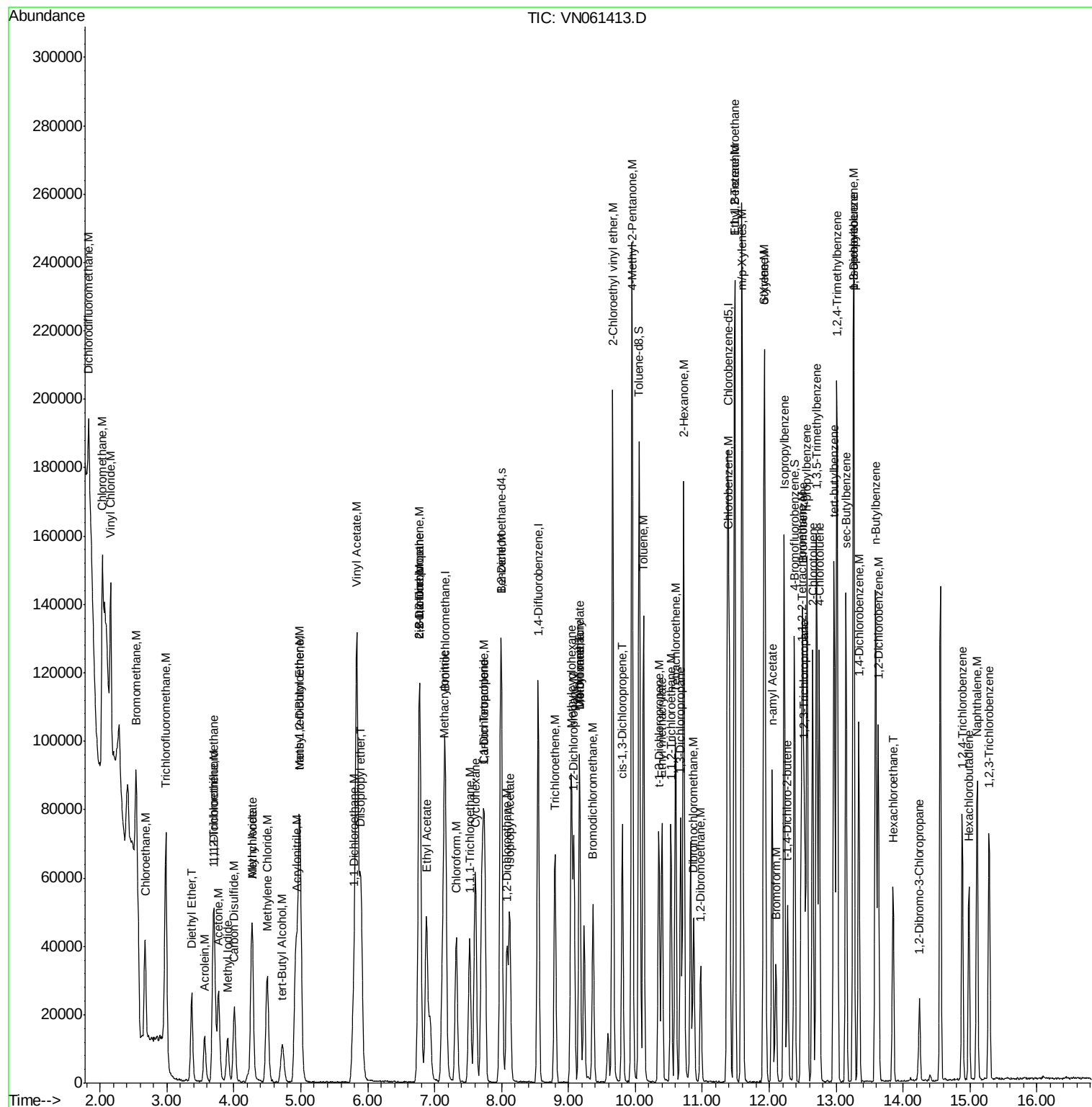
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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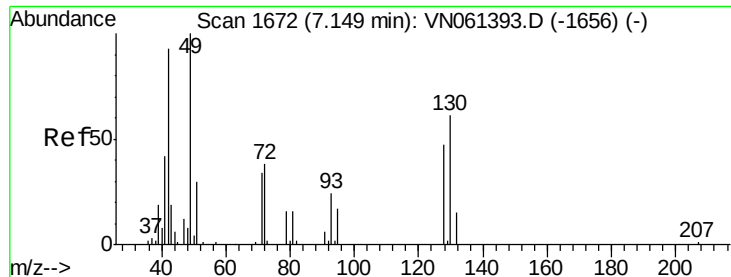
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN051520\
Data File : VN061413.D
Acq On : 15 May 2020 16:48
Operator : JC/MD
Sample : VN0515WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

Quant Time: May 16 00:43:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N051420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 16:04:10 2020
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

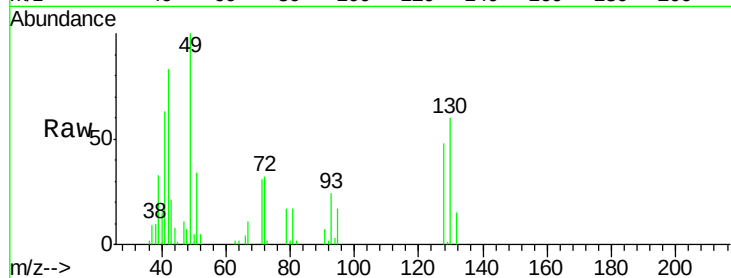
Tgt Ion:128 Resp: 17129

Ion Ratio Lower Upper

128 100

49 212.0 0.0 453.5

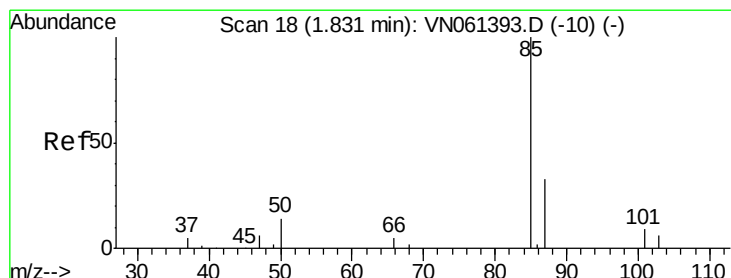
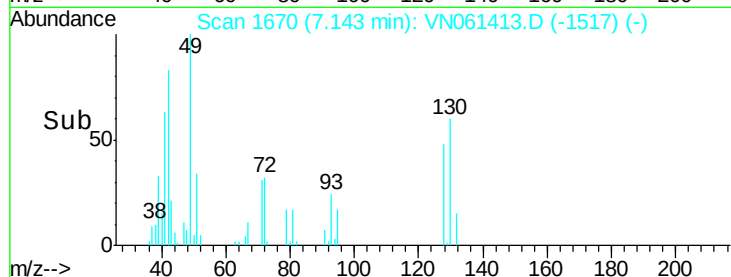
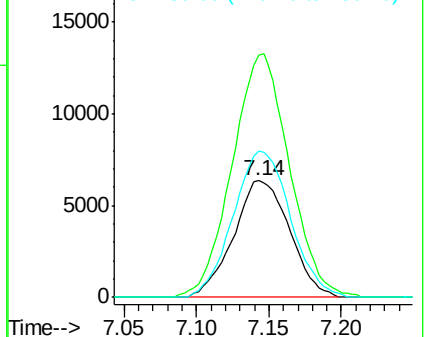
130 128.1 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.57 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061413.D

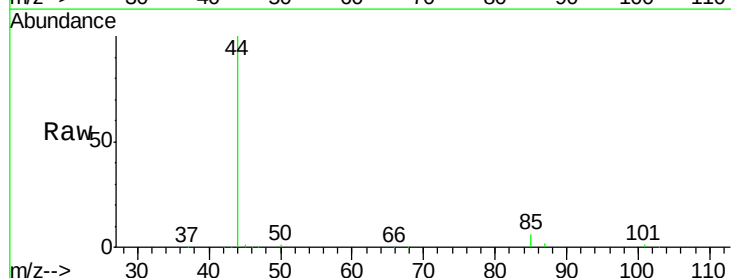
Acq: 15 May 2020 16:48

Tgt Ion: 85 Resp: 13702

Ion Ratio Lower Upper

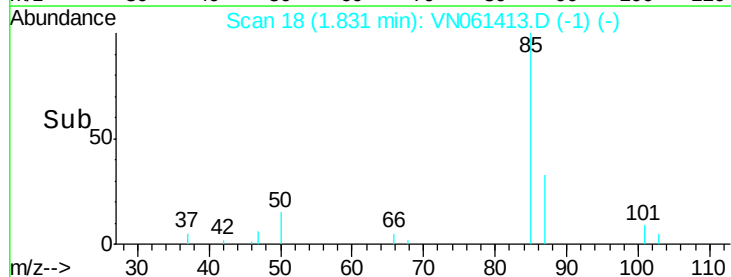
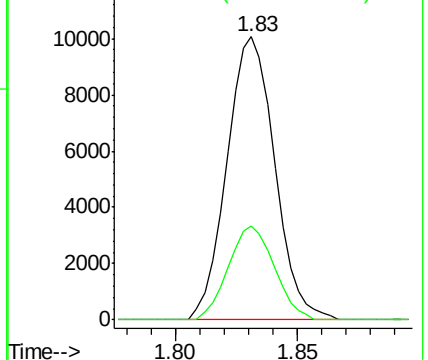
85 100

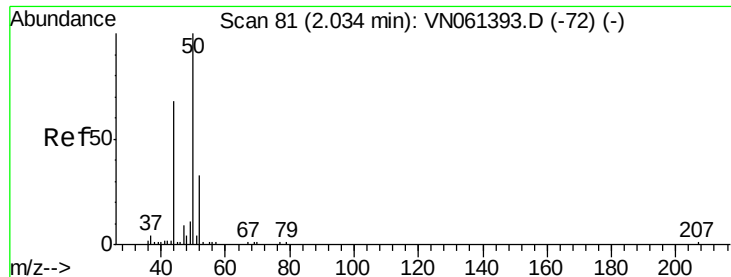
87 33.3 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 19.39 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

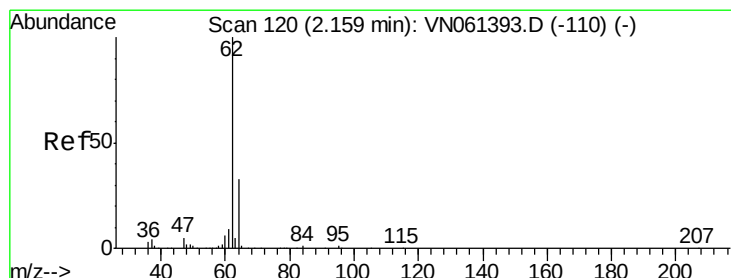
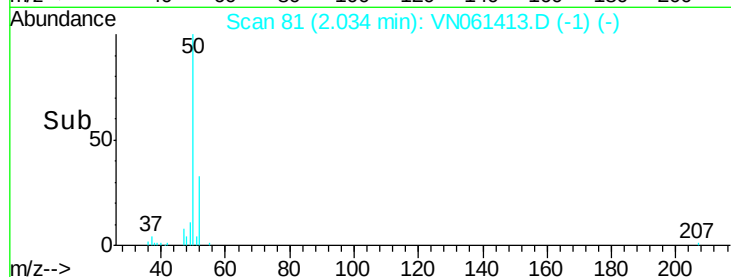
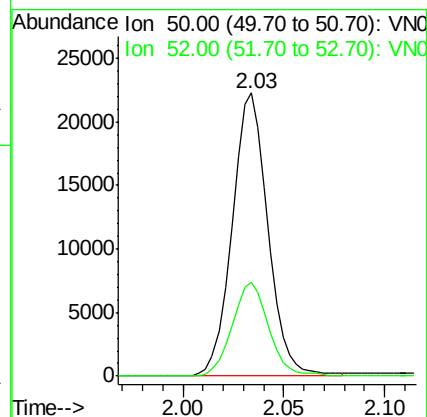
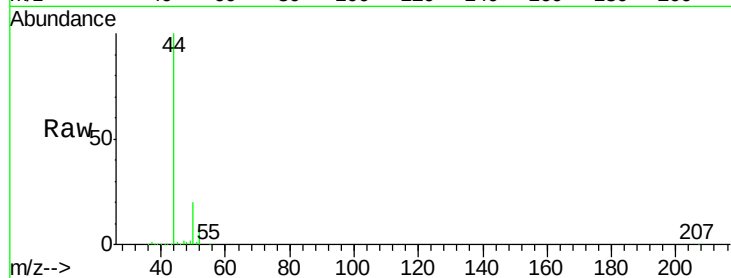
VN0515WBSD01

Tgt Ion: 50 Resp: 27654

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.8



#4

Vinyl Chloride

Concen: 19.74 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061413.D

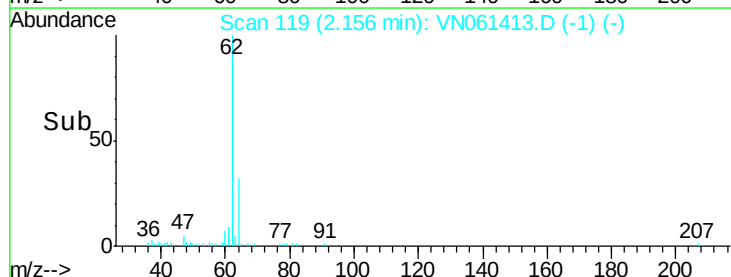
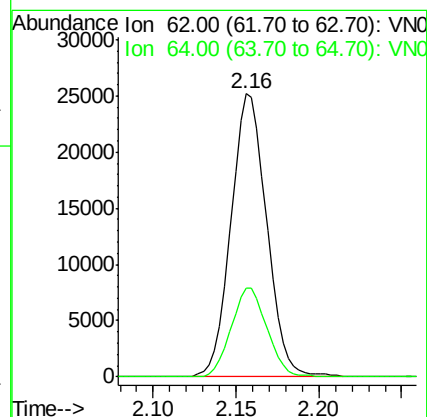
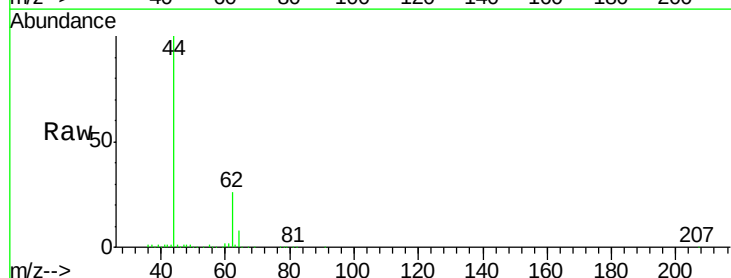
Acq: 15 May 2020 16:48

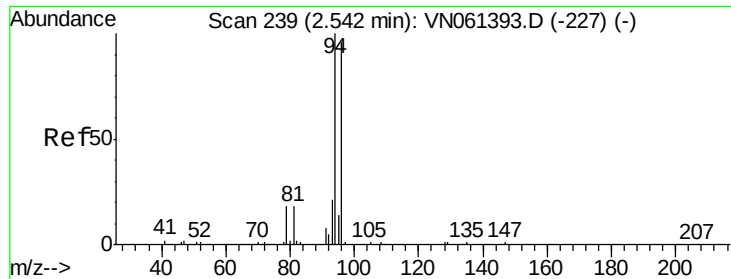
Tgt Ion: 62 Resp: 37740

Ion Ratio Lower Upper

62 100

64 31.5 26.1 39.1

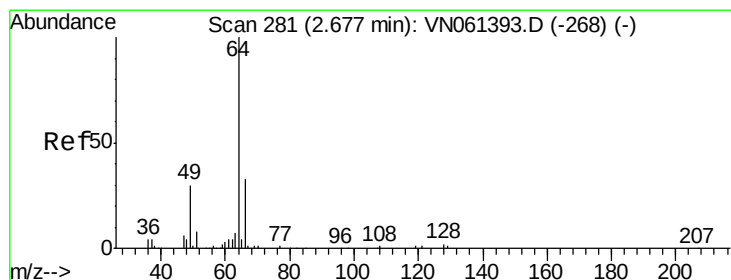
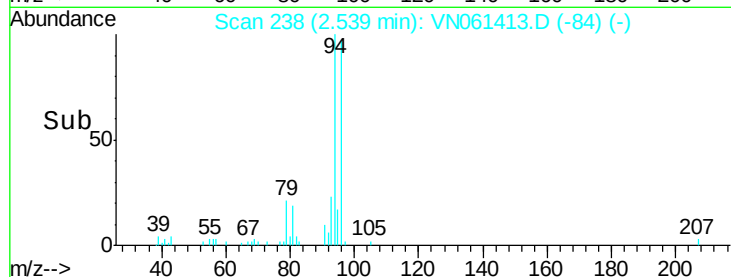
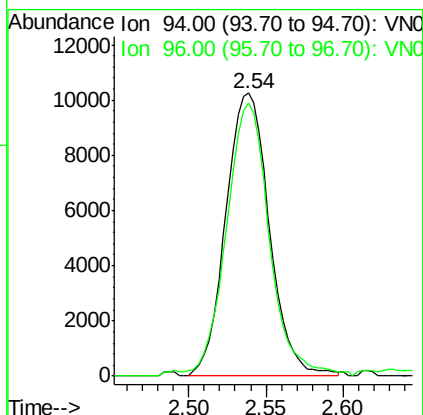
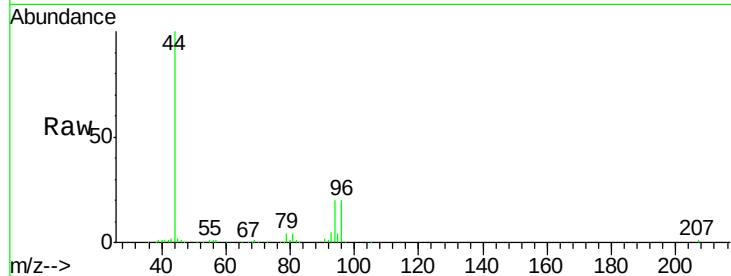




#5
 Bromomethane
 Concen: 20.67 ug/l
 RT: 2.54 min Scan# 238
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

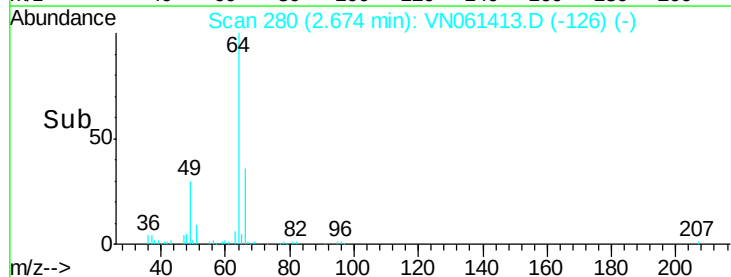
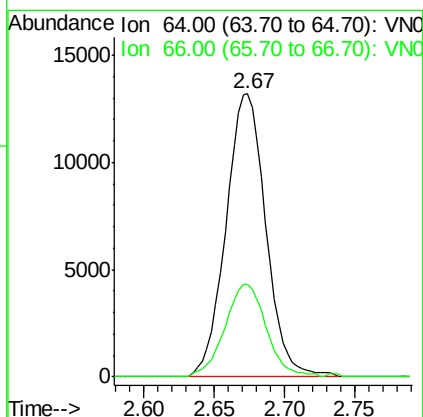
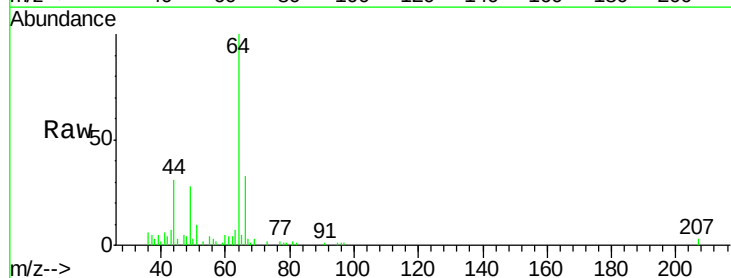
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

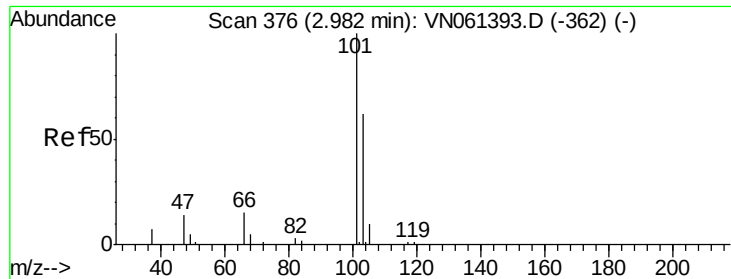
Tgt Ion: 94 Resp: 20069
 Ion Ratio Lower Upper
 94 100
 96 95.1 73.7 110.5



#6
 Chloroethane
 Concen: 20.18 ug/l
 RT: 2.67 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 64 Resp: 26094
 Ion Ratio Lower Upper
 64 100
 66 33.0 24.6 36.8



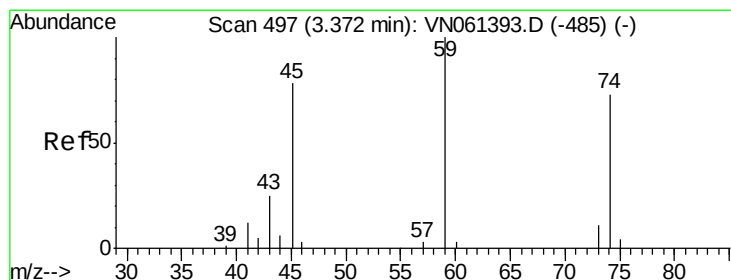
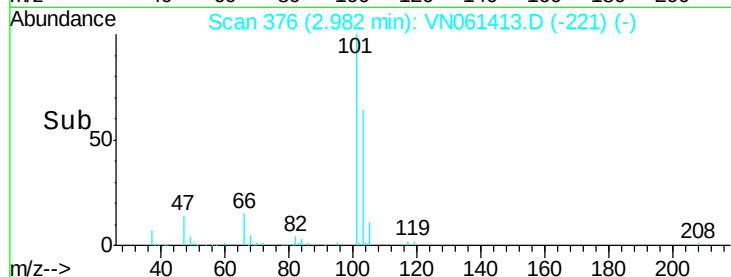
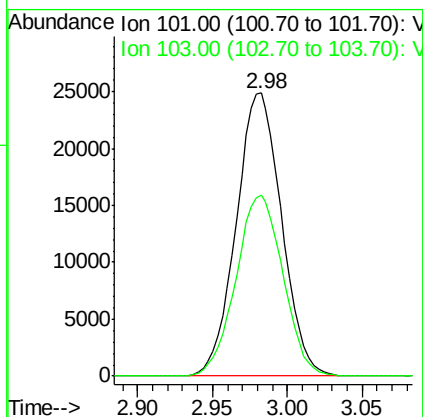
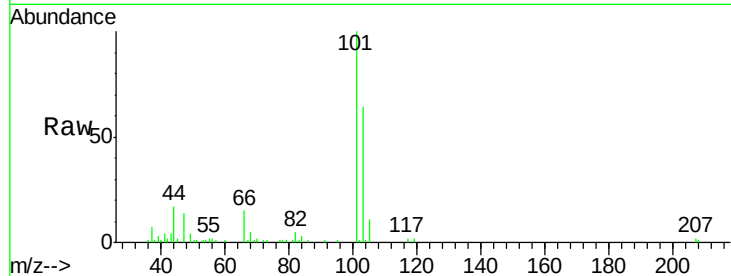


#7

Trichlorofluoromethane
 Concen: 25.71 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN0515WBSD01

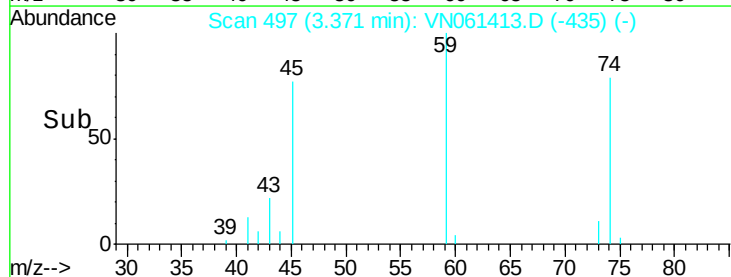
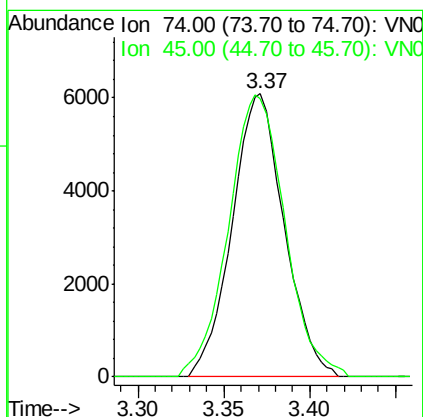
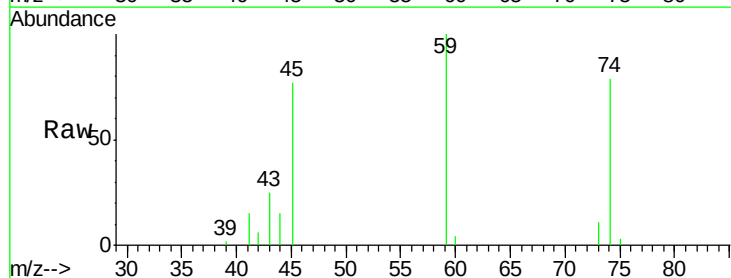
Tgt Ion:101 Resp: 52590
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.5 77.3

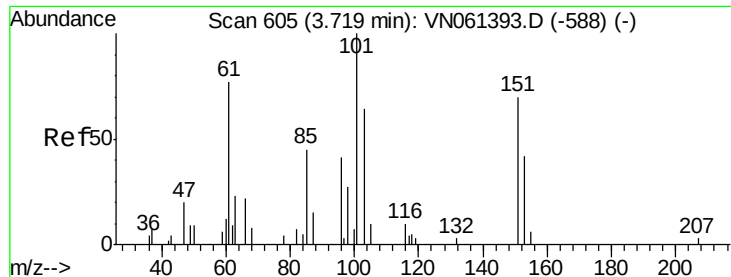


#8

Diethyl Ether
 Concen: 19.74 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 74 Resp: 12843
 Ion Ratio Lower Upper
 74 100
 45 108.2 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.14 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

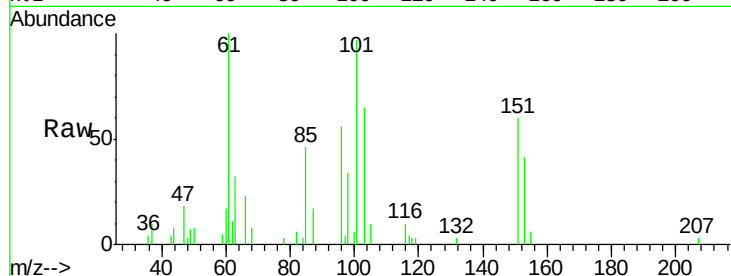
Tgt Ion: 101 Resp: 15853

Ion Ratio Lower Upper

101 100

85 48.9 0.0 93.8

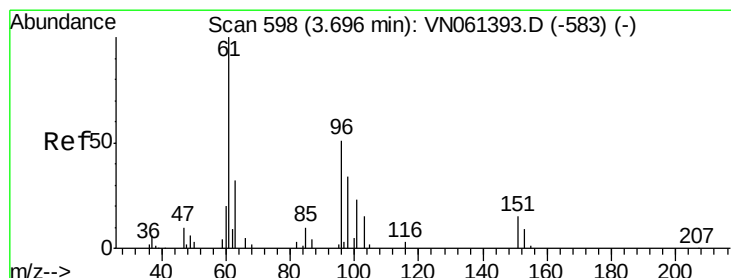
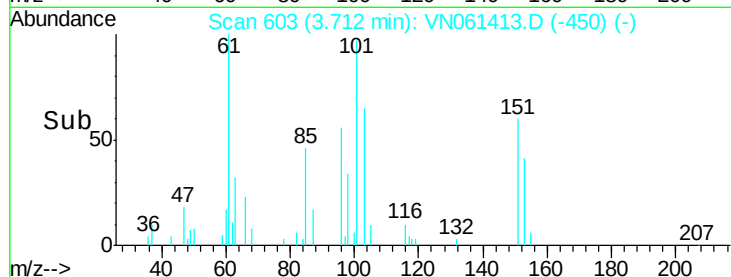
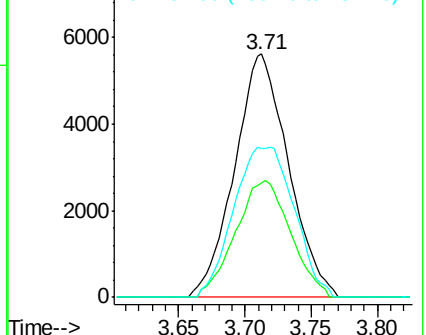
151 38.1 0.0 149.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.97 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

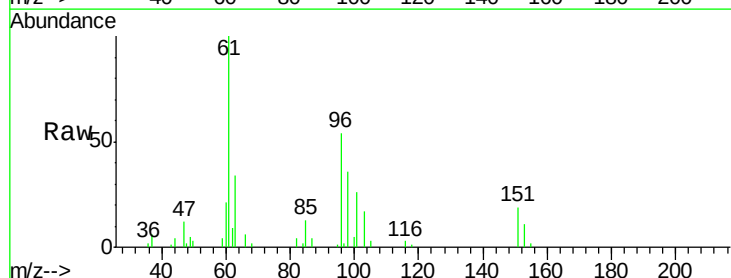
Tgt Ion: 96 Resp: 16535

Ion Ratio Lower Upper

96 100

61 186.9 148.5 222.7

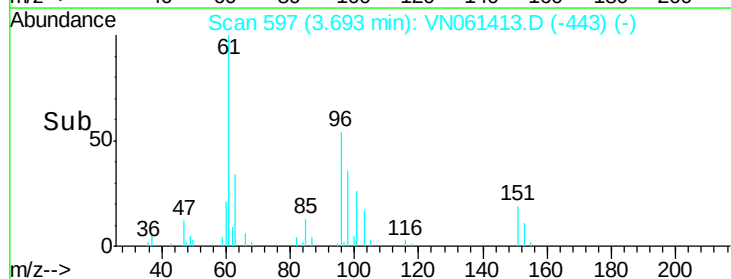
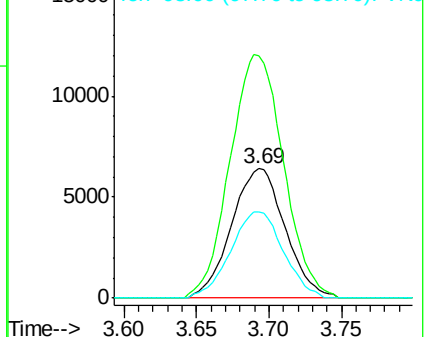
98 66.9 51.0 76.6

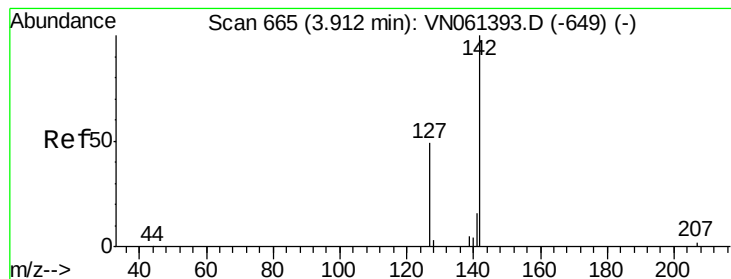


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#11

Methyl Iodide

Concen: 19.59 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

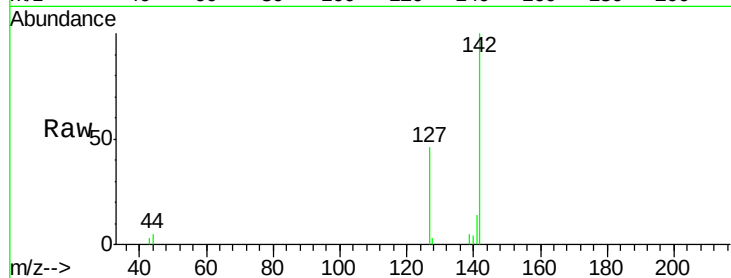
Tgt Ion:142 Resp: 19511

Ion Ratio Lower Upper

142 100

127 45.9 23.5 70.6

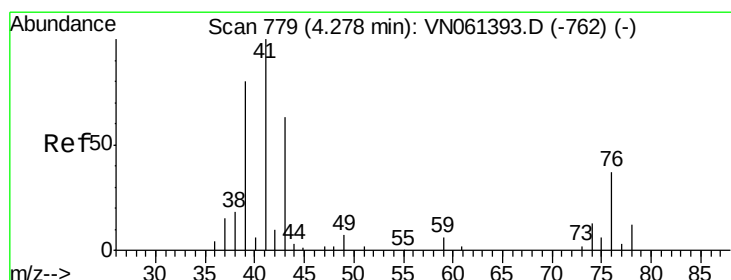
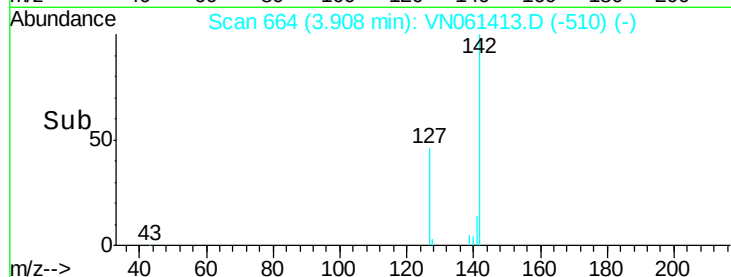
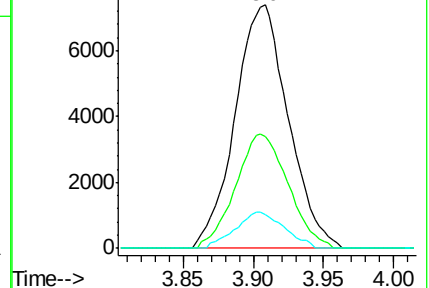
141 14.0 7.4 22.2



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 21.21 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061413.D

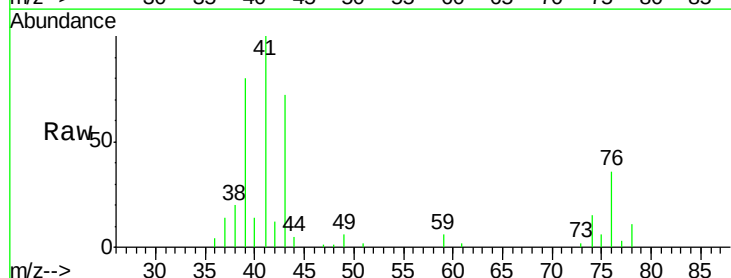
Acq: 15 May 2020 16:48

Tgt Ion: 43 Resp: 23701

Ion Ratio Lower Upper

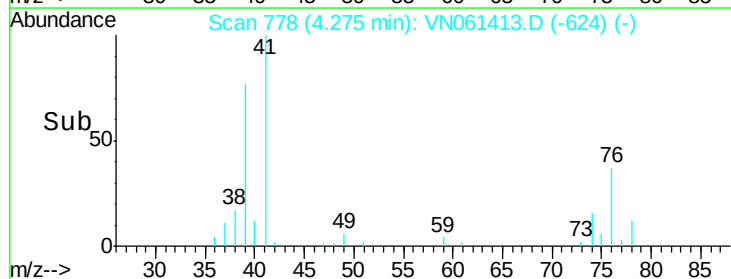
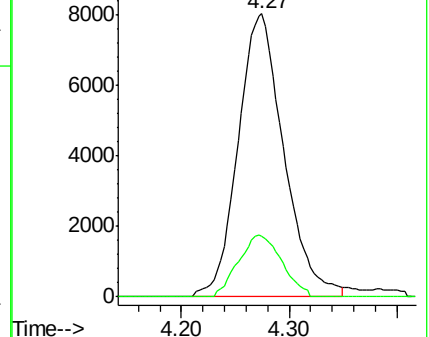
43 100

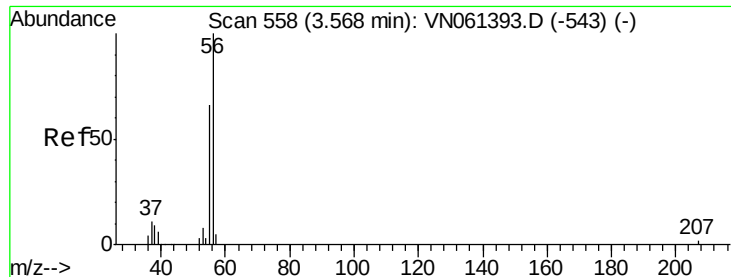
74 21.9 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 78.39 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

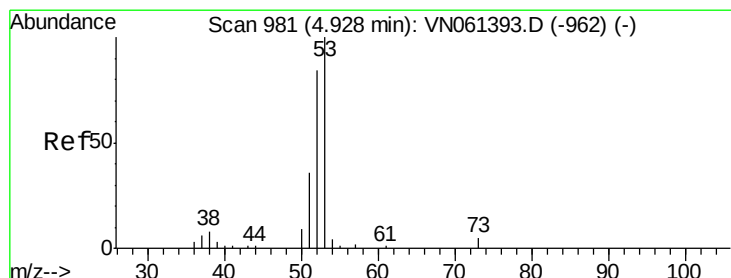
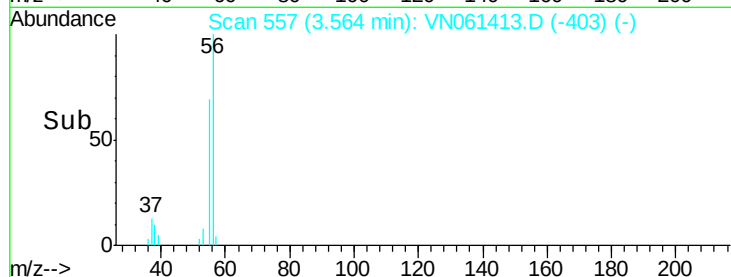
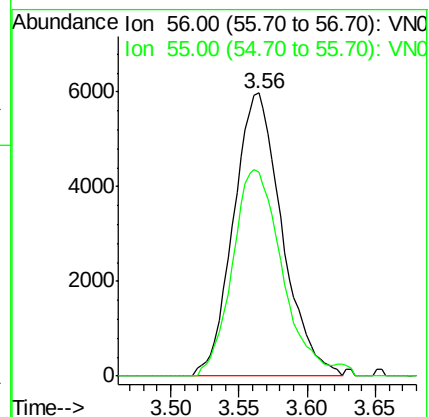
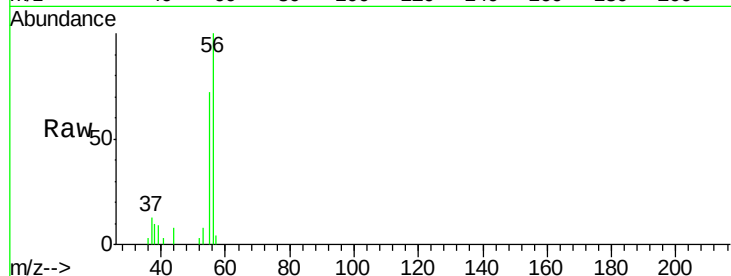
VN0515WBSD01

Tgt Ion: 56 Resp: 14748

Ion Ratio Lower Upper

56 100

55 74.2 55.9 83.9



#14

Acrylonitrile

Concen: 97.52 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

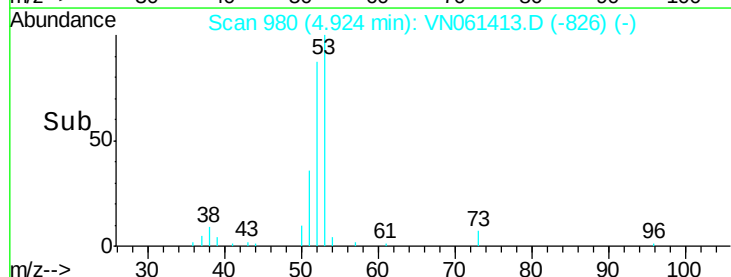
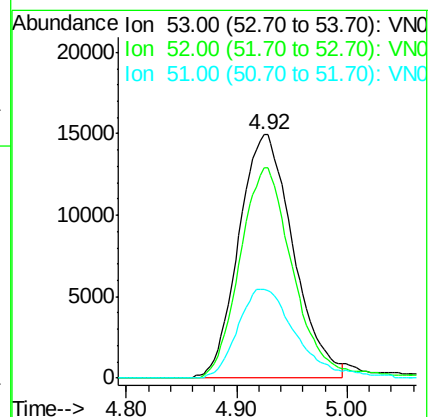
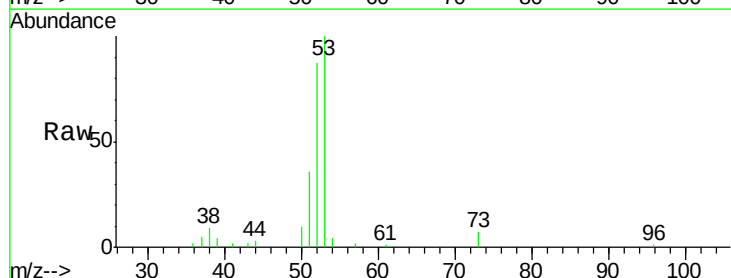
Tgt Ion: 53 Resp: 51148

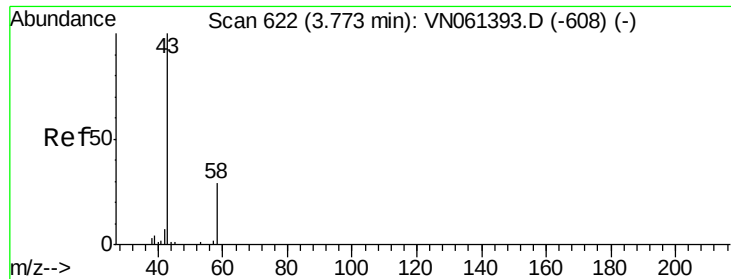
Ion Ratio Lower Upper

53 100

52 83.3 42.2 126.6

51 37.8 18.8 56.4





#15

Acetone

Concen: 97.59 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

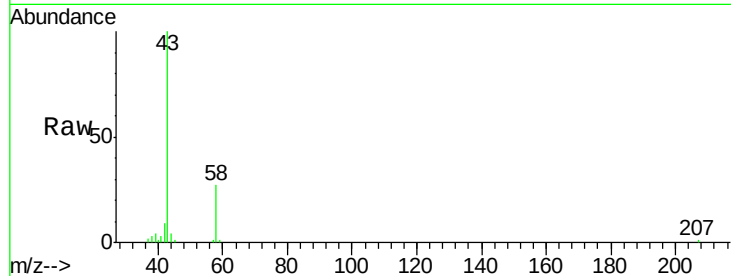
VN0515WBSD01

Tgt Ion: 58 Resp: 12292

Ion Ratio Lower Upper

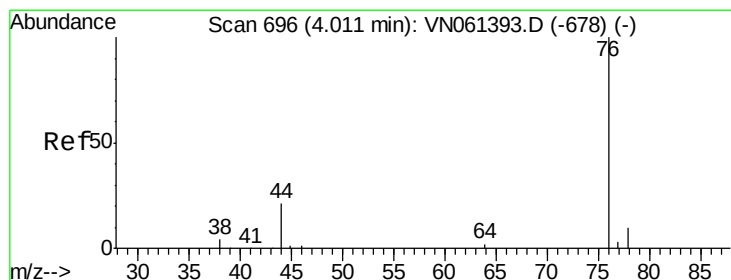
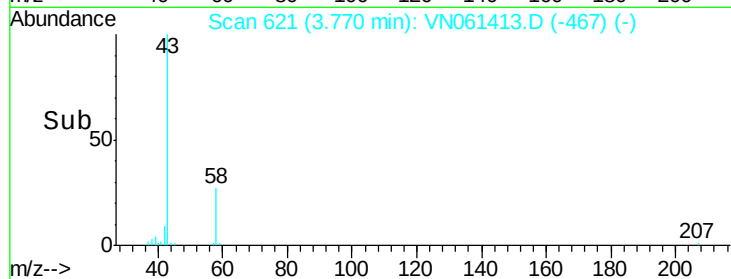
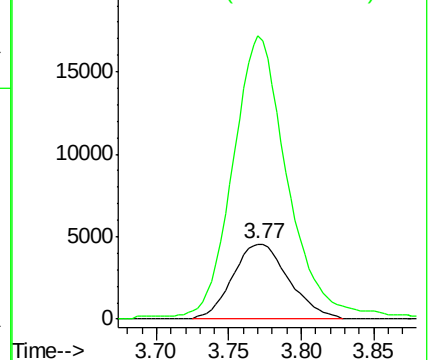
58 100

43 365.8 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 16.44 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.01 min

Lab File: VN061413.D

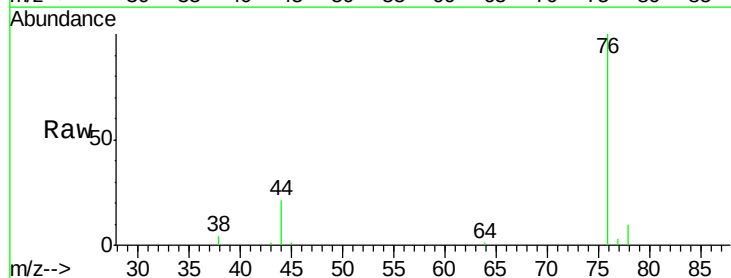
Acq: 15 May 2020 16:48

Tgt Ion: 76 Resp: 42519

Ion Ratio Lower Upper

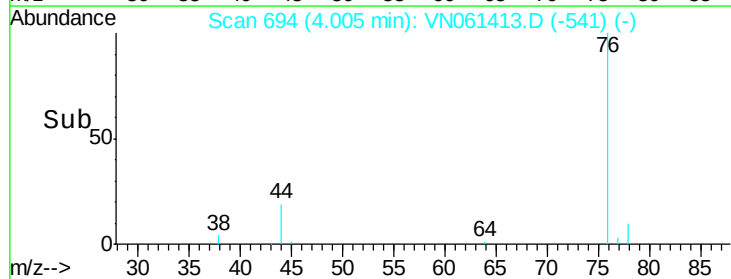
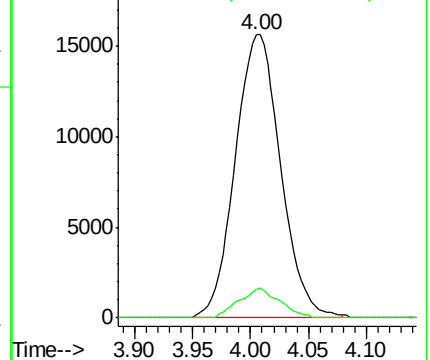
76 100

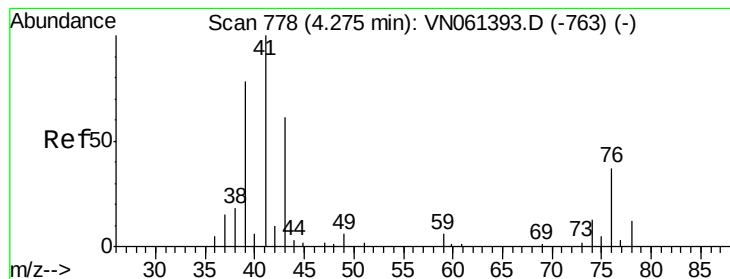
78 10.3 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allyl chloride

Concen: 20.17 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampled :

VN0515WBSD01

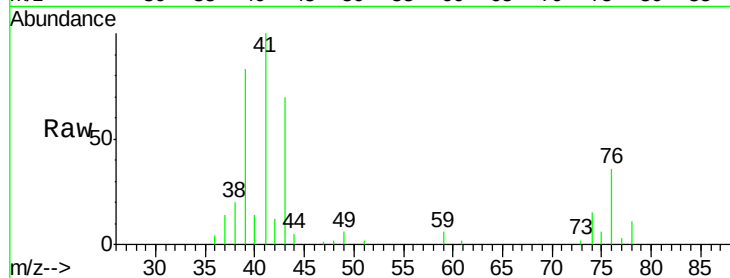
Tgt Ion: 41 Resp: 37356

Ion Ratio Lower Upper

41 100

39 82.6 39.6 118.8

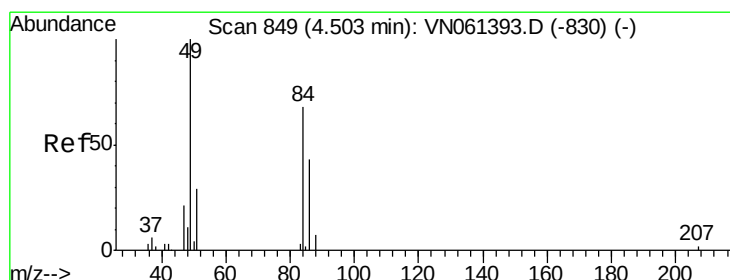
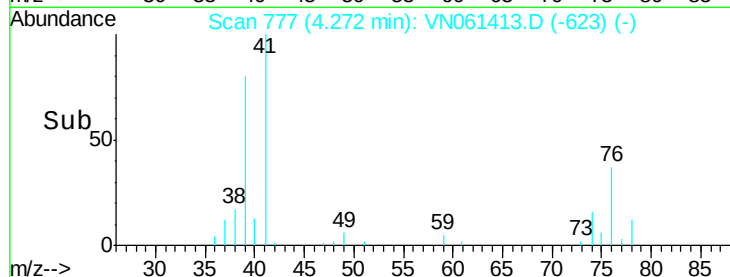
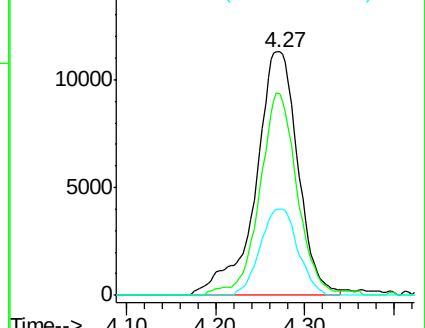
76 35.5 17.6 52.9



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 76.00 (75.70 to 76.70): VN0



#18

Methylene Chloride

Concen: 18.86 ug/l

RT: 4.50 min Scan# 847

Delta R.T. -0.01 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Tgt Ion: 84 Resp: 20936

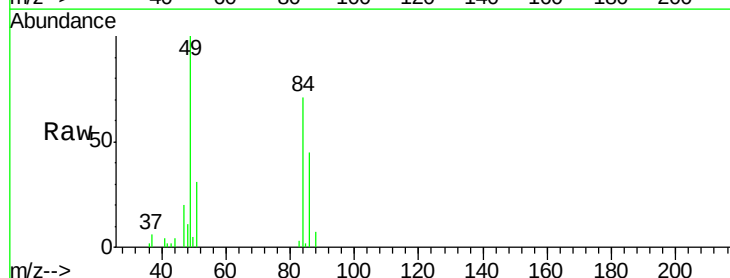
Ion Ratio Lower Upper

84 100

49 138.7 106.6 160.0

51 44.5 32.4 48.6

86 63.2 50.6 76.0

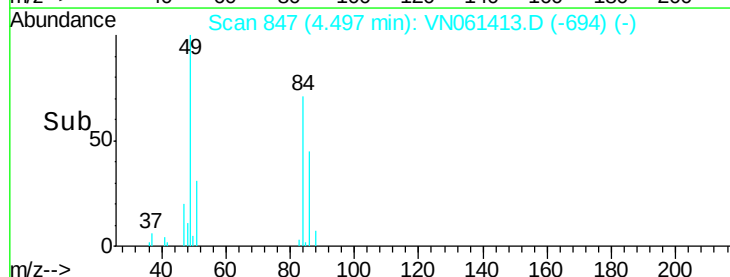
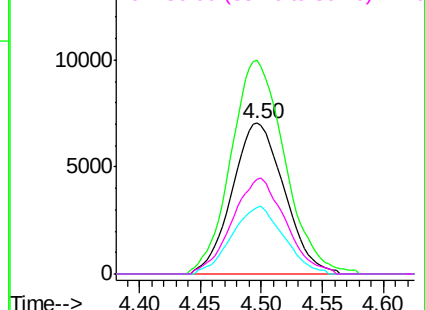


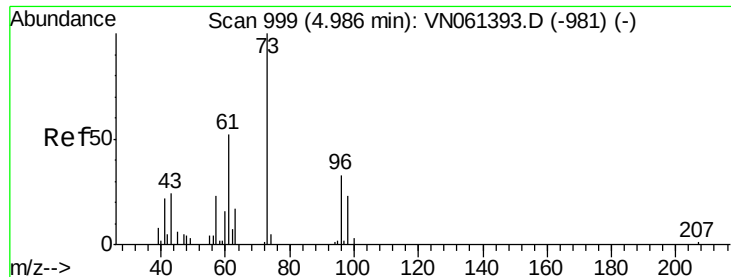
Abundance Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#19

trans-1,2-Dichloroethene

Concen: 18.26 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampled :

VN0515WBSD01

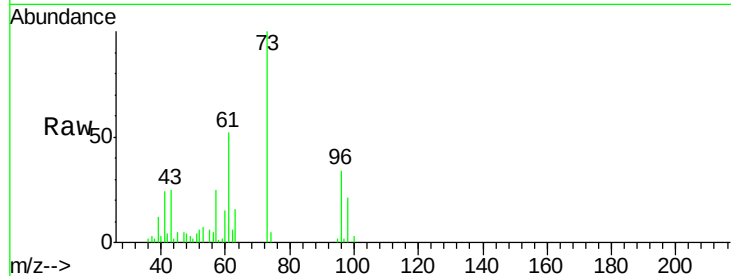
Tgt Ion: 96 Resp: 19996

Ion Ratio Lower Upper

96 100

61 154.1 131.8 197.6

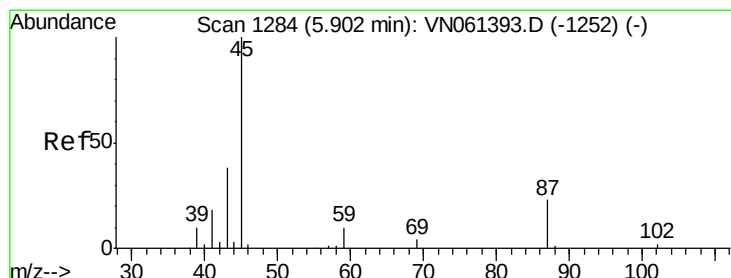
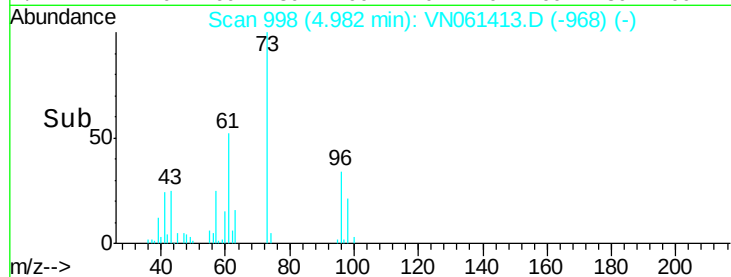
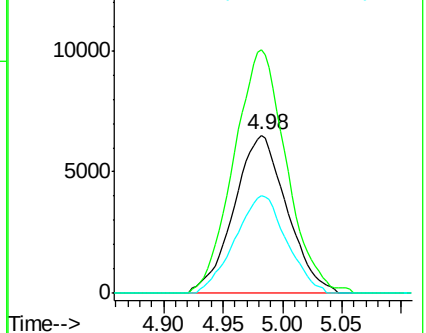
98 61.5 52.6 79.0



Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 18.97 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Tgt Ion: 45 Resp: 81766

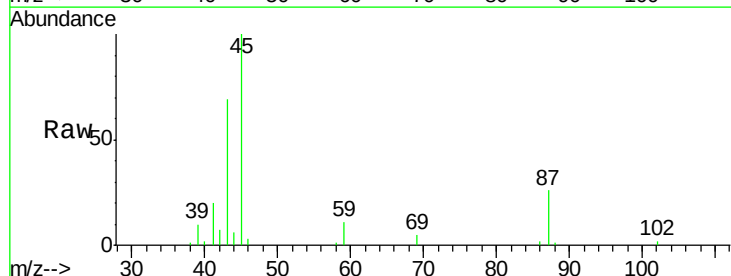
Ion Ratio Lower Upper

45 100

43 66.3 54.7 82.1

87 26.3 21.5 32.3

59 10.8 8.7 13.1

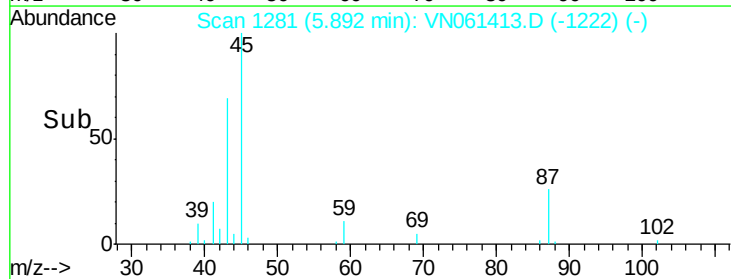
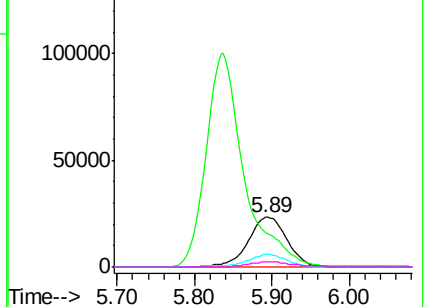


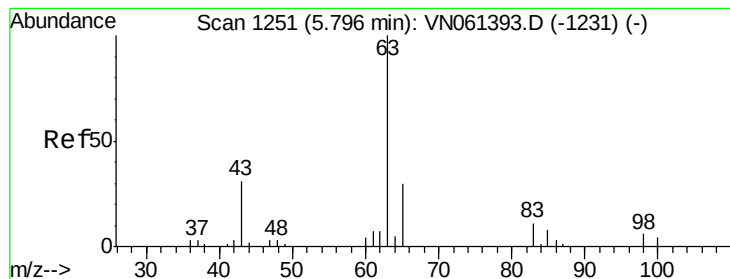
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 18.62 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

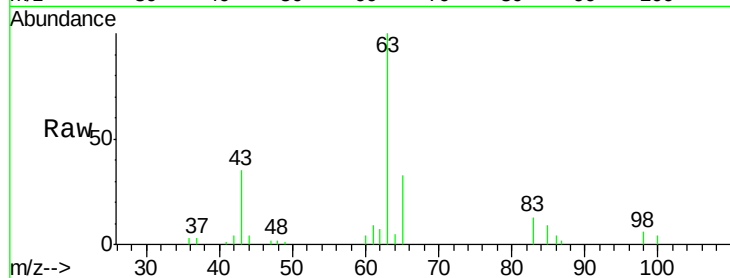
Tgt Ion: 63 Resp: 41911

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.6

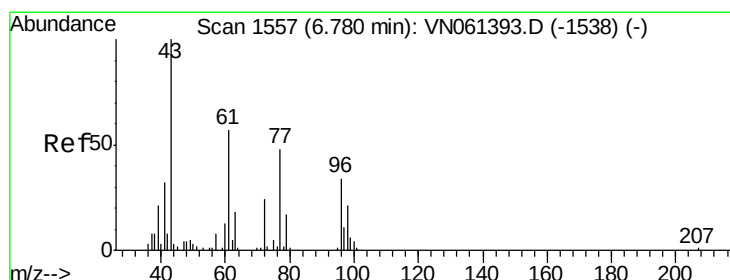
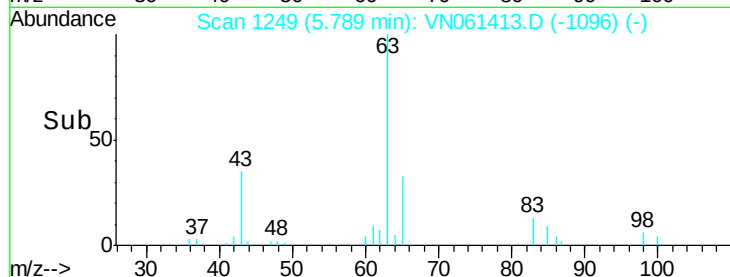
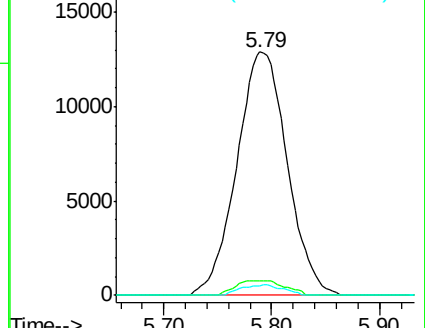
100 4.1 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



#22

cis-1,2-Dichloroethene

Concen: 19.23 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

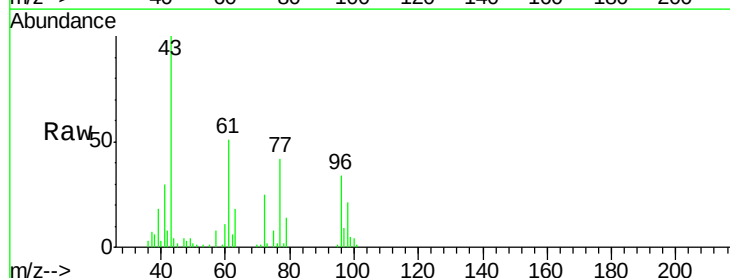
Tgt Ion: 96 Resp: 24689

Ion Ratio Lower Upper

96 100

61 162.2 127.2 190.8

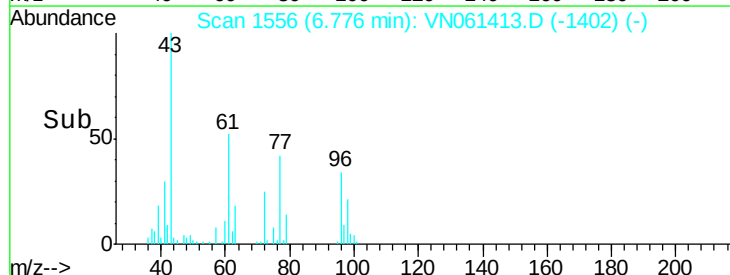
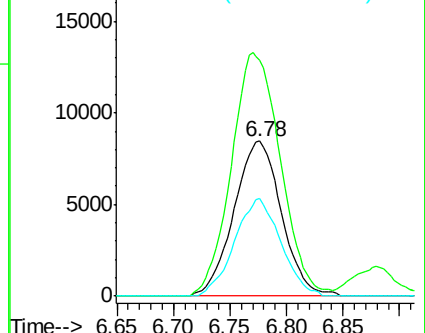
98 61.2 50.5 75.7

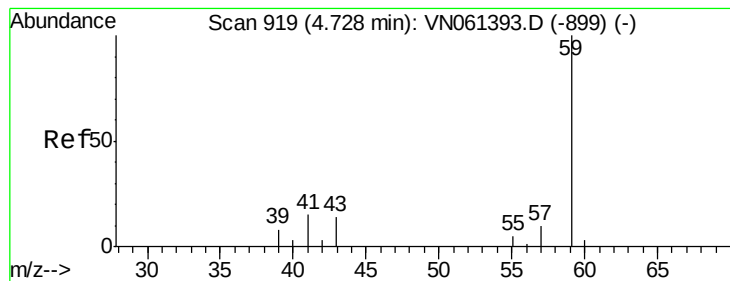


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



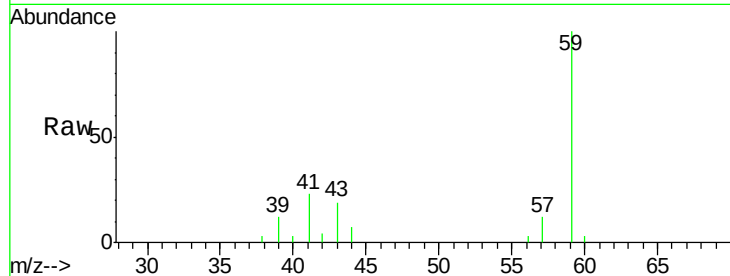


#23

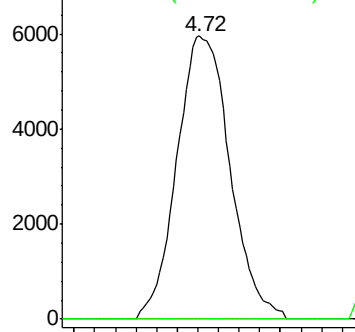
tert-Butyl Alcohol
 Concen: 126.91 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

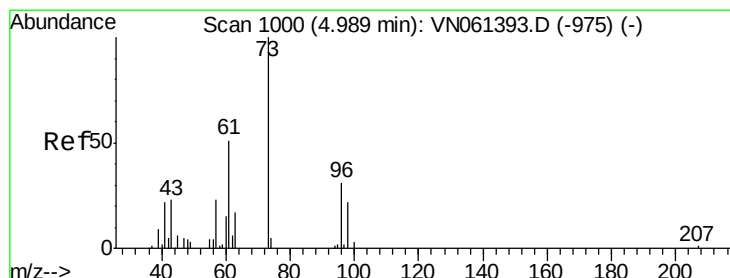
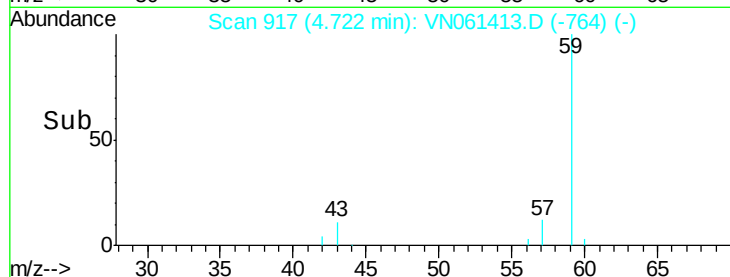
Tgt Ion: 59 Resp: 21338
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0



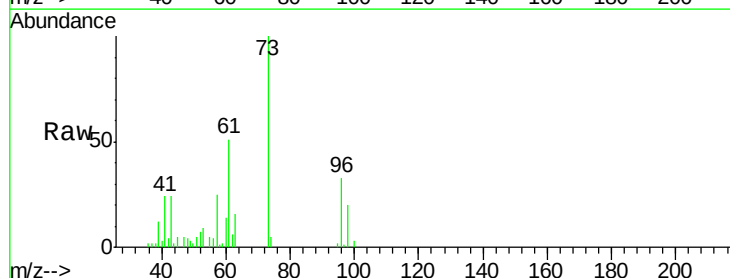
Time--> 4.60 4.70 4.80



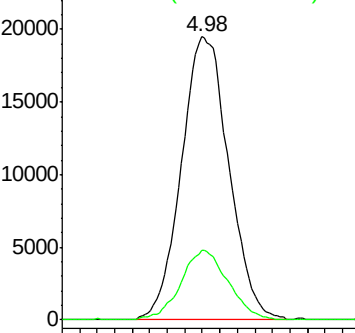
#24

Methyl tert-Butyl Ether
 Concen: 19.66 ug/l
 RT: 4.98 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

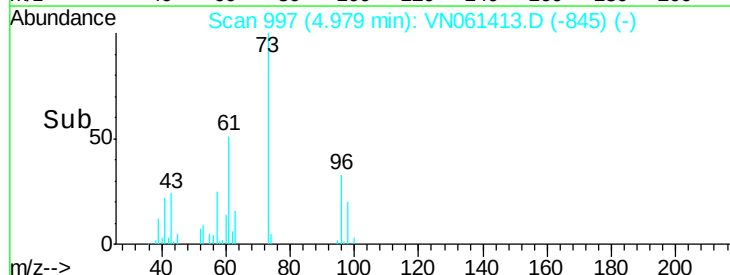
Tgt Ion: 73 Resp: 73413
 Ion Ratio Lower Upper
 73 100
 43 24.4 17.9 26.9

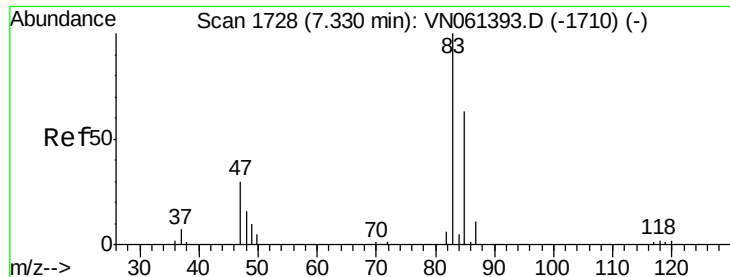


Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0



Time--> 4.90 5.00 5.10





#25

Chloroform

Concen: 19.05 ug/l

RT: 7.32 min Scan# 1726

Delta R.T. -0.01 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

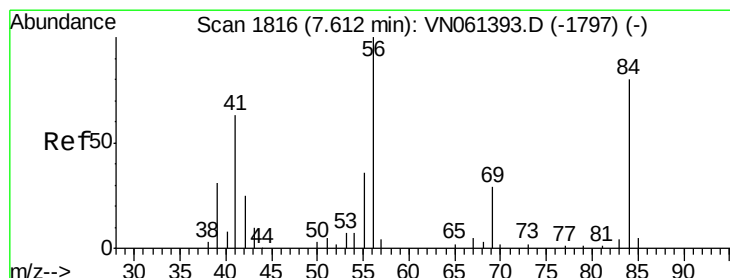
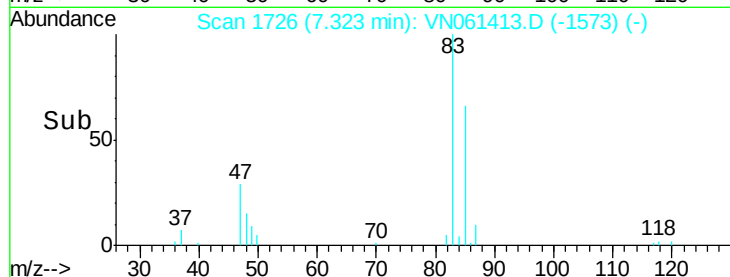
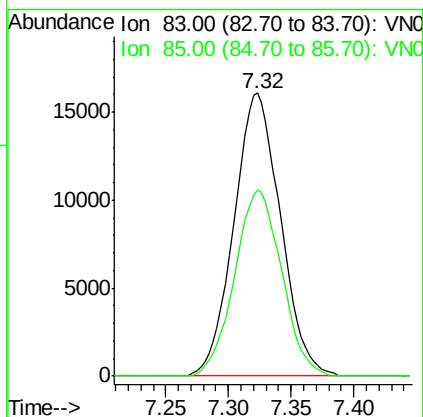
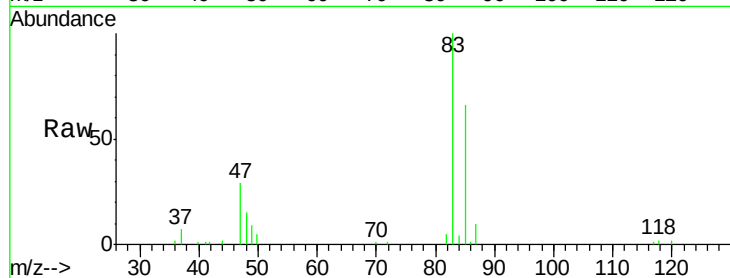
VN0515WBSD01

Tgt Ion: 83 Resp: 41574

Ion Ratio Lower Upper

83 100

85 65.7 53.8 80.8



#26

Cyclohexane

Concen: 17.58 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

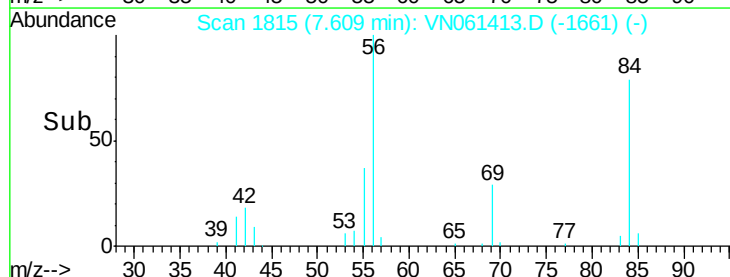
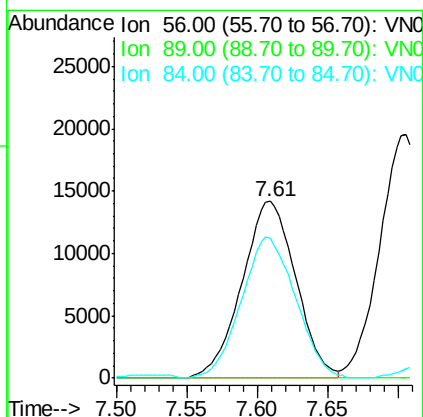
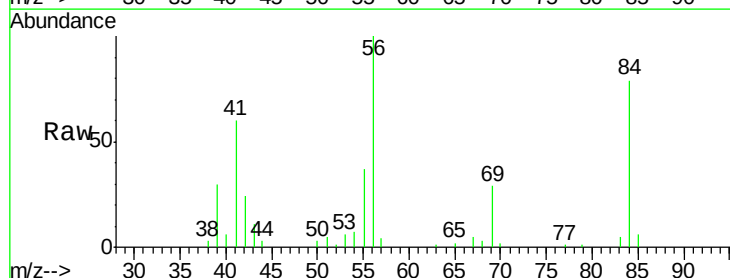
Tgt Ion: 56 Resp: 37790

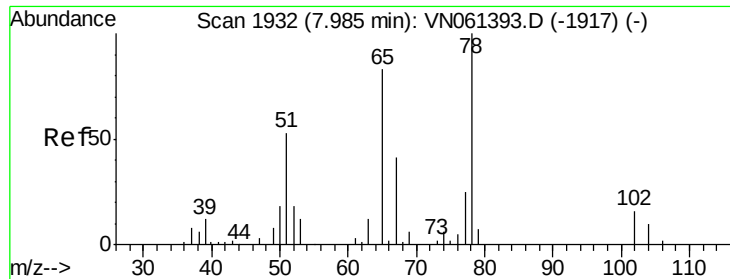
Ion Ratio Lower Upper

56 100

89 0.0 6.2 9.2#

84 80.4 65.6 98.4

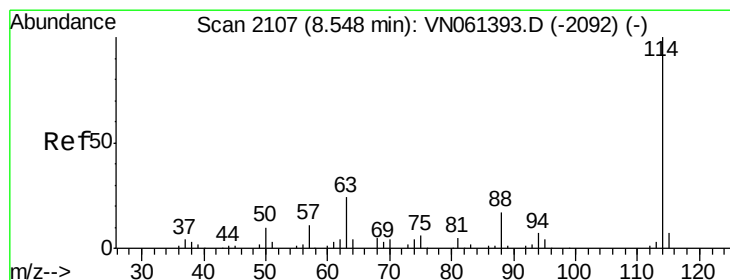
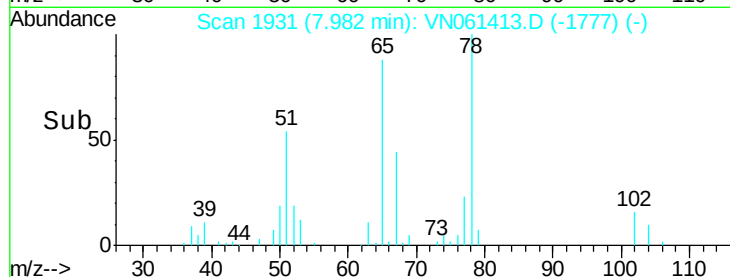
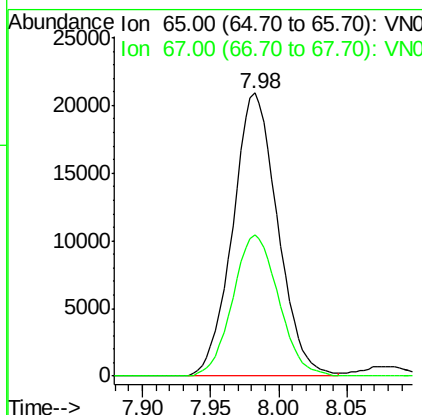
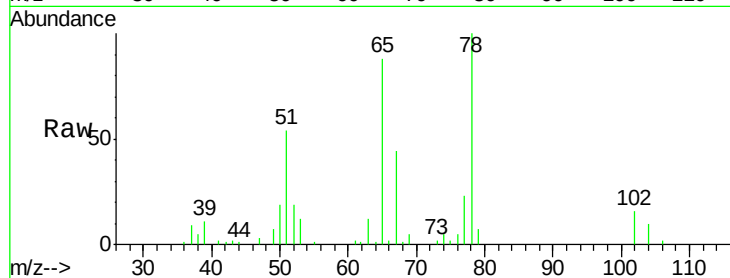




#27
 1,2-Dichloroethane-d4
 Concen: 31.22 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

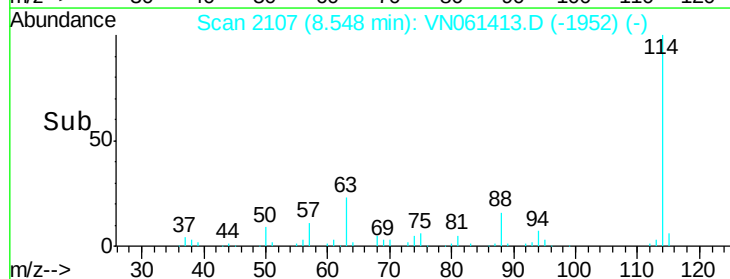
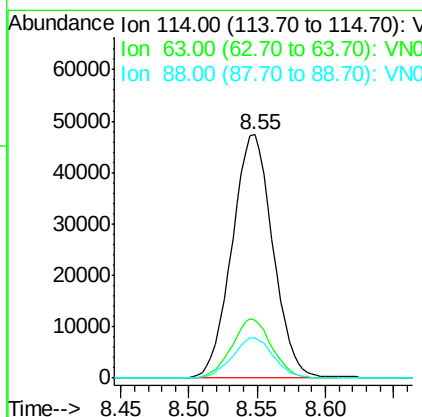
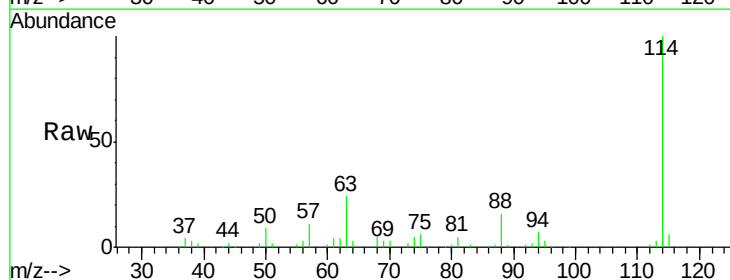
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

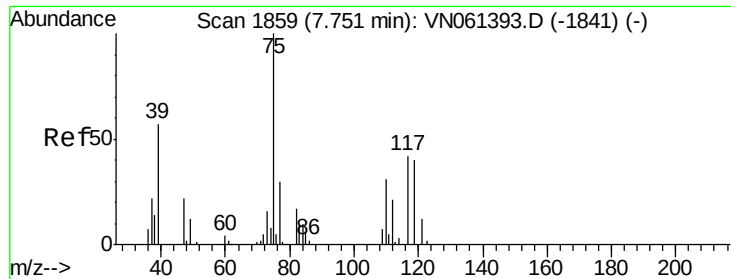
Tgt Ion: 65 Resp: 47897
 Ion Ratio Lower Upper
 65 100
 67 50.8 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 114 Resp: 98671
 Ion Ratio Lower Upper
 114 100
 63 23.7 18.1 27.1
 88 16.5 13.0 19.4

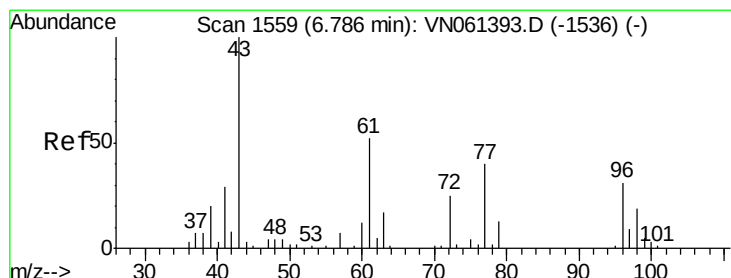
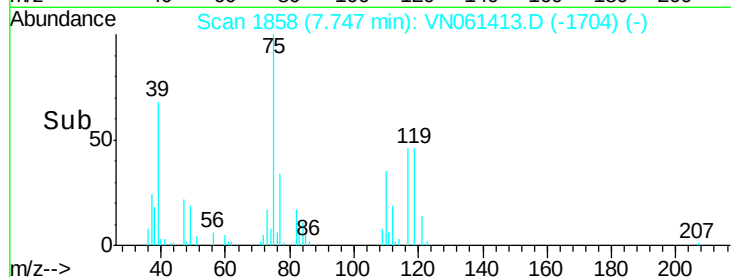
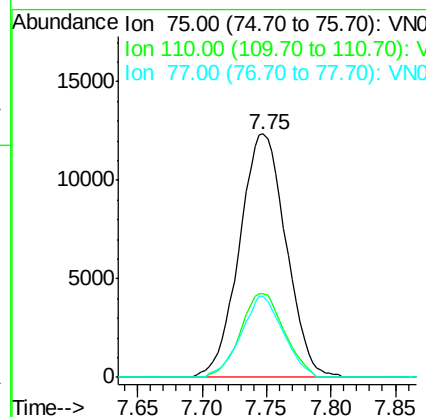
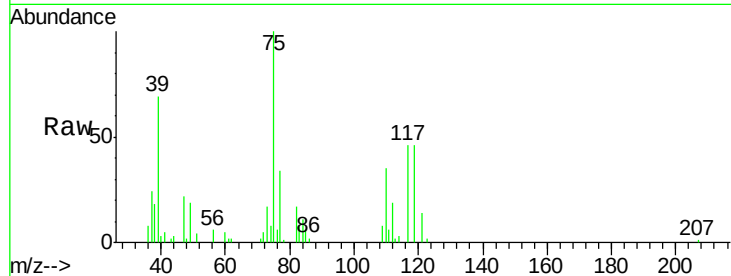




#29
 1,1-Dichloropropene
 Concen: 17.95 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

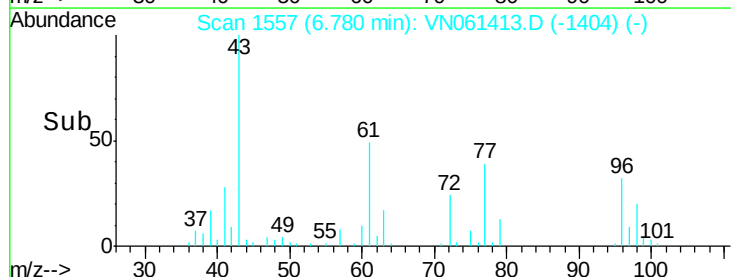
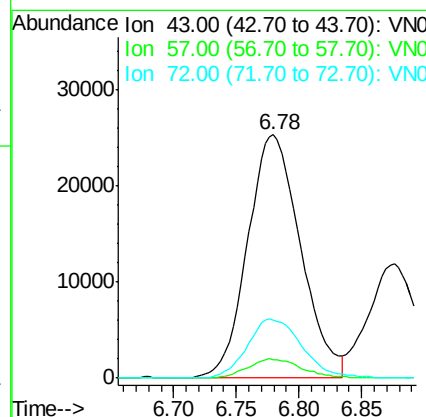
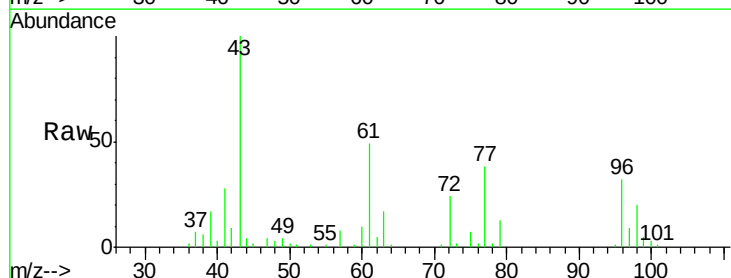
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

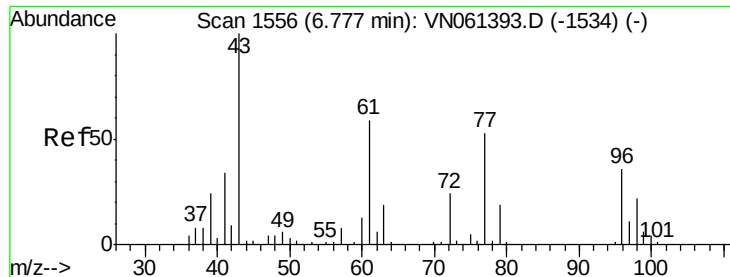
Tgt Ion: 75 Resp: 31081
 Ion Ratio Lower Upper
 75 100
 110 32.3 0.0 64.6
 77 30.3 0.0 60.8



#30
 2-Butanone
 Concen: 101.37 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 43 Resp: 74251
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.5 9.7
 72 25.2 20.1 30.1





#31

2,2-Dichloropropane

Concen: 17.76 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

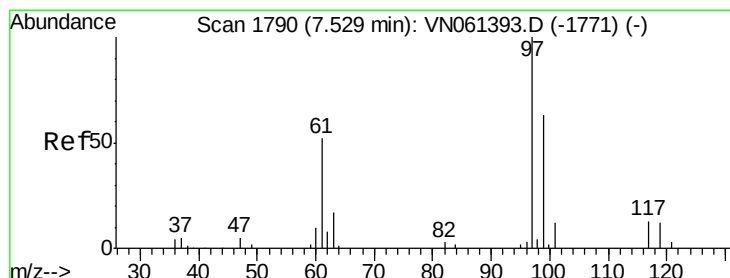
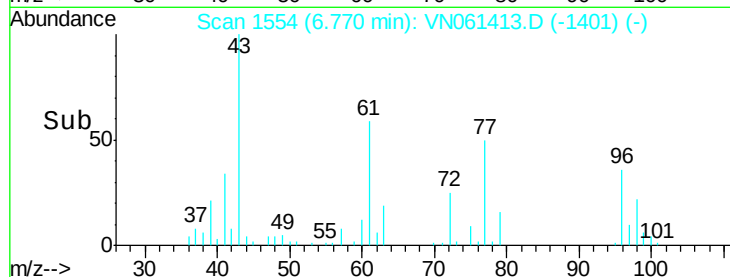
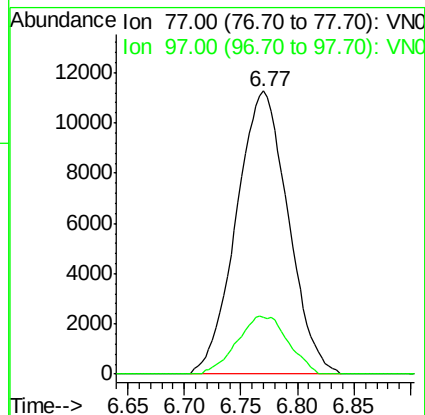
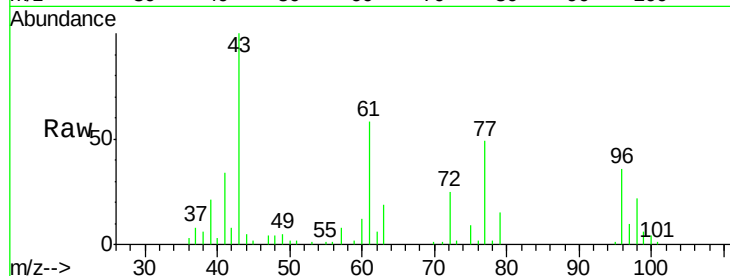
VN0515WBSD01

Tgt Ion: 77 Resp: 35921

Ion Ratio Lower Upper

77 100

97 12.1 17.9 26.9#



#32

1,1,1-Trichloroethane

Concen: 18.12 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

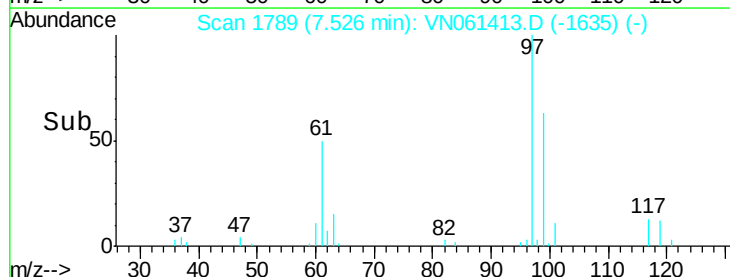
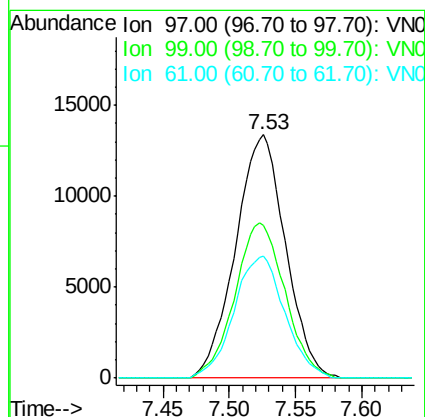
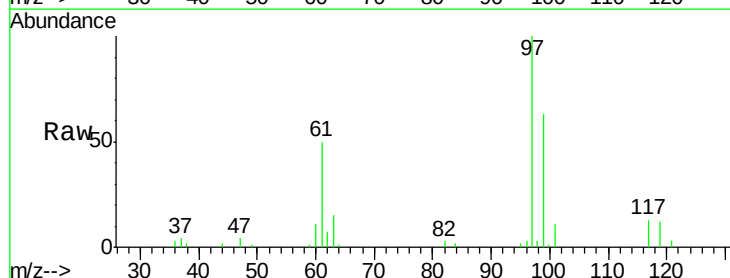
Tgt Ion: 97 Resp: 35099

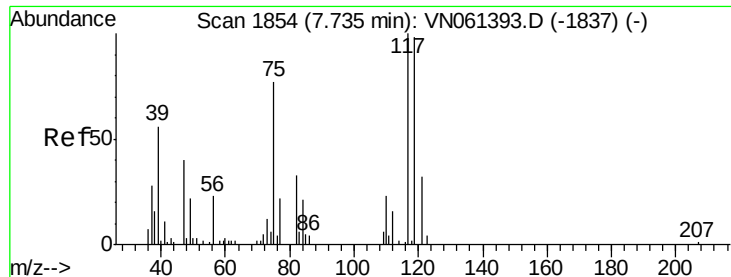
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 50.8 38.4 57.6

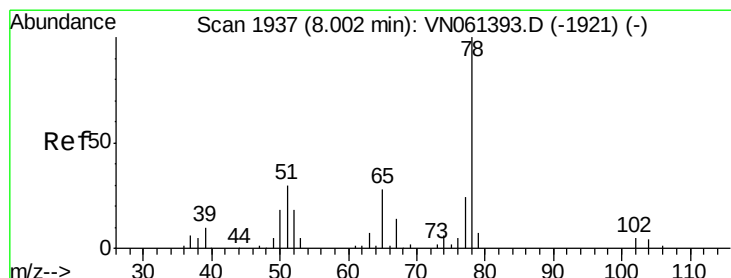
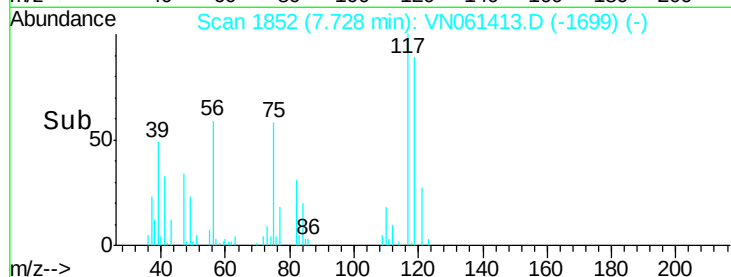
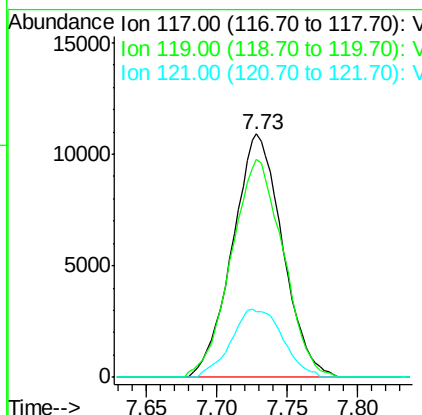
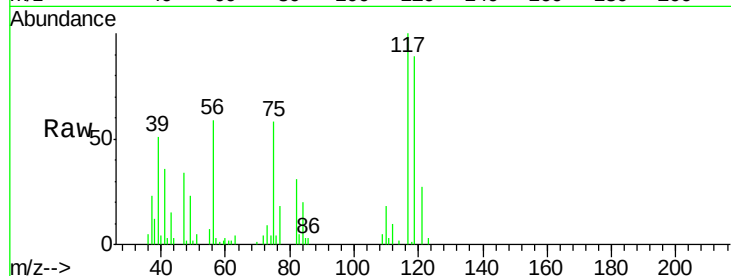




#33
Carbon Tetrachloride
Concen: 18.15 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

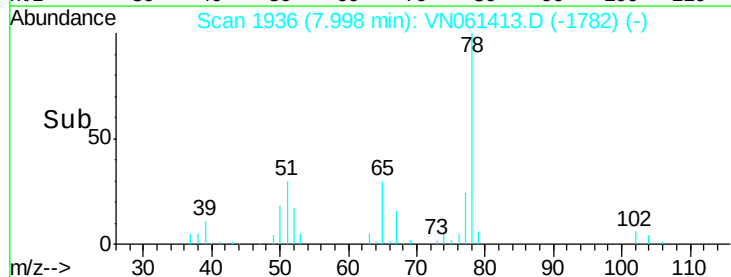
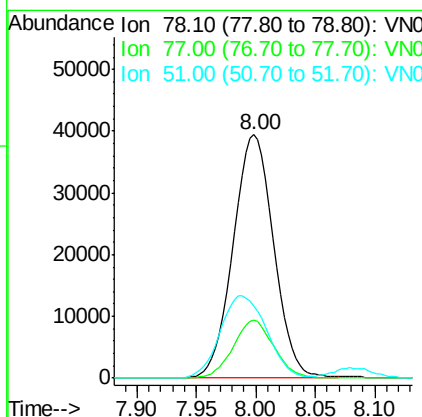
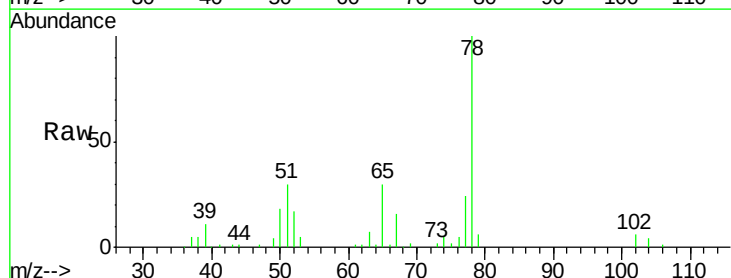
Instrument :
MSVOA_N
ClientSampled :
VN0515WBSD01

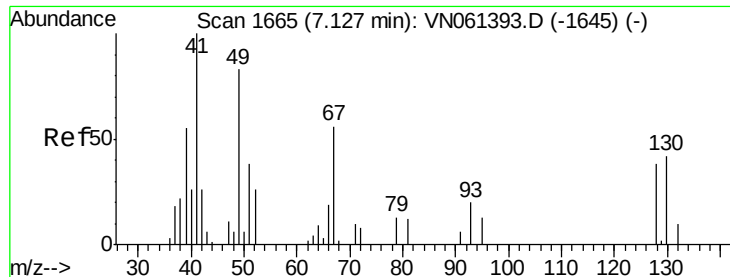
Tgt Ion: 117 Resp: 26998
Ion Ratio Lower Upper
117 100
119 89.4 76.9 115.3
121 27.2 23.8 35.8



#34
Benzene
Concen: 19.04 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

Tgt Ion: 78 Resp: 93274
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 29.0 22.1 33.1

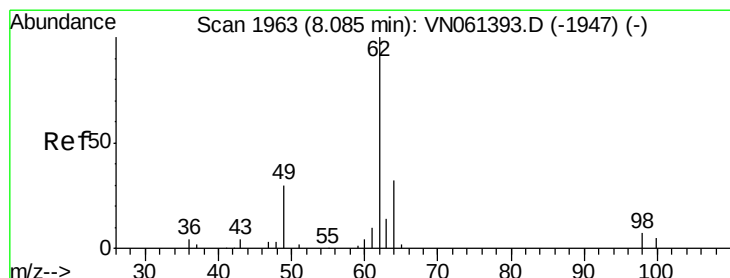
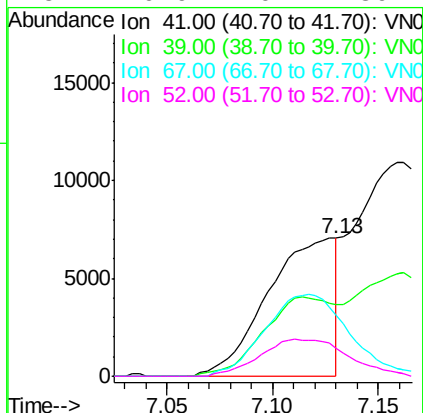
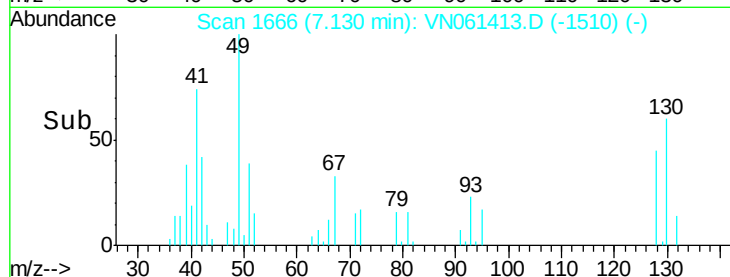
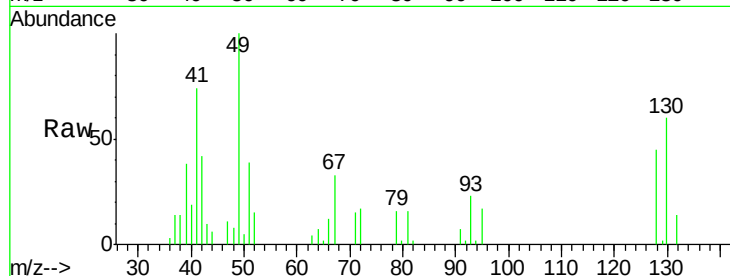




#35
Methacrylonitrile
Concen: 21.63 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

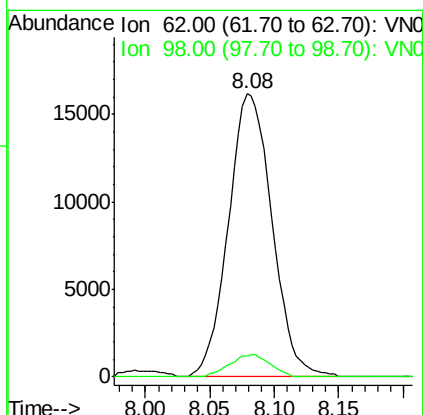
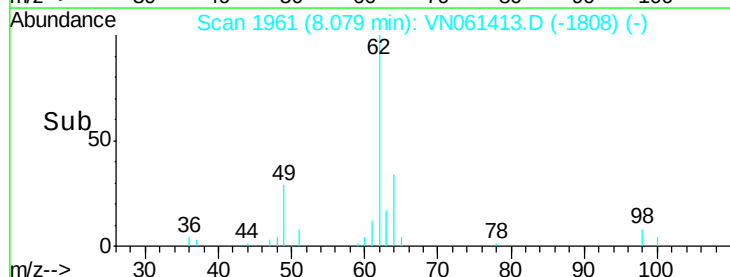
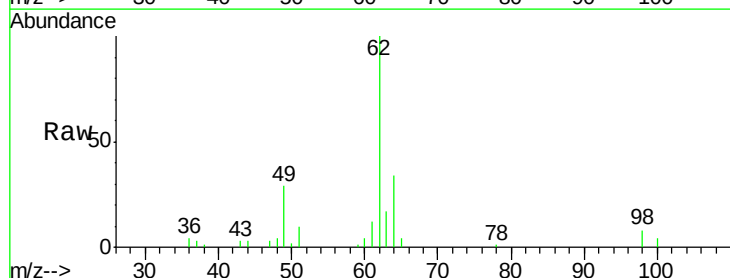
Instrument :
MSVOA_N
ClientSampled :
VN0515WBSD01

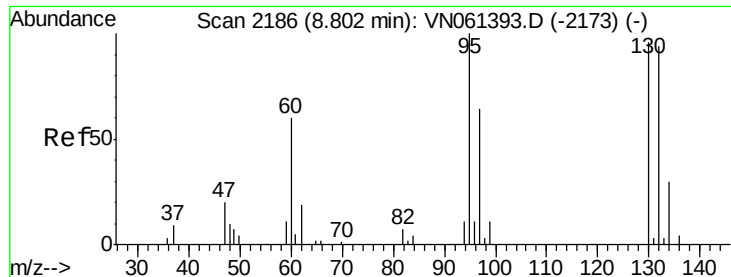
Tgt Ion:	41	Resp:	15892
Ion	Ratio	Lower	Upper
41	100		
39	51.6	25.8	77.4
67	44.3	23.0	69.0
52	20.9	10.1	30.1



#36
1,2-Dichloroethane
Concen: 20.25 ug/l
RT: 8.08 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

Tgt Ion:	62	Resp:	38078
Ion	Ratio	Lower	Upper
62	100		
98	7.3	6.4	9.6

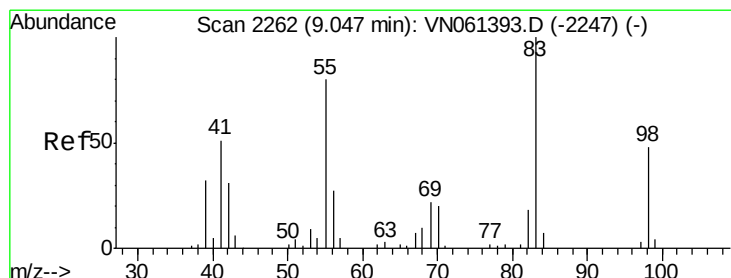
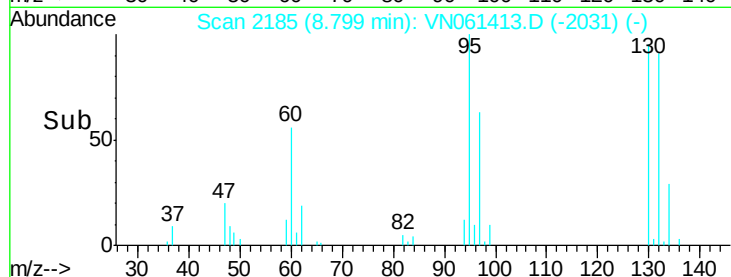
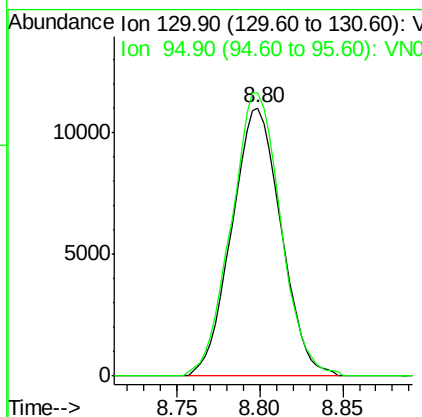
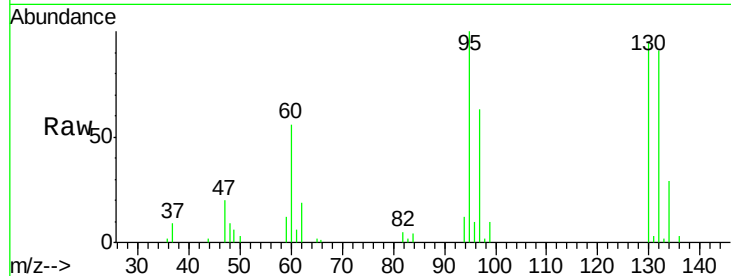




#37
 Trichloroethene
 Concen: 18.87 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

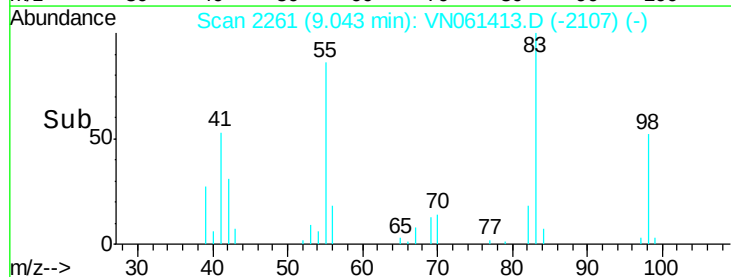
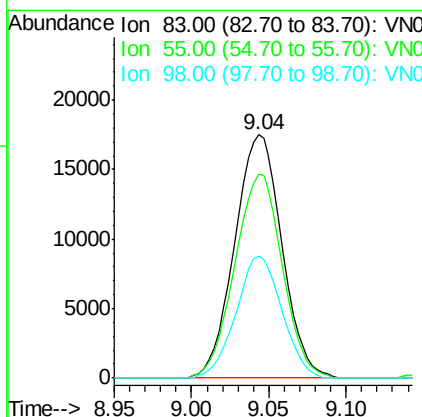
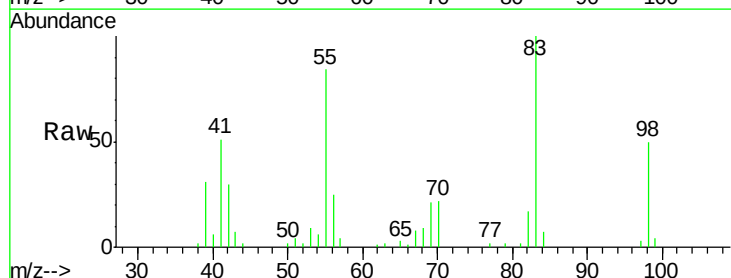
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

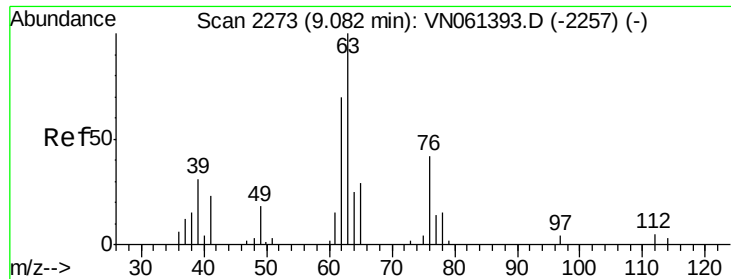
Tgt Ion: 130 Resp: 22757
 Ion Ratio Lower Upper
 130 100
 95 104.1 83.2 124.8



#38
 Methylcyclohexane
 Concen: 17.89 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 83 Resp: 37187
 Ion Ratio Lower Upper
 83 100
 55 84.0 40.4 121.1
 98 48.6 21.6 65.0

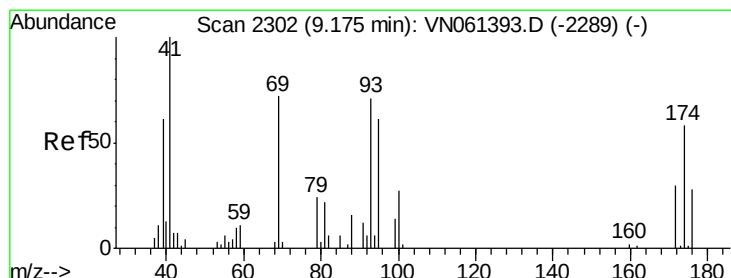
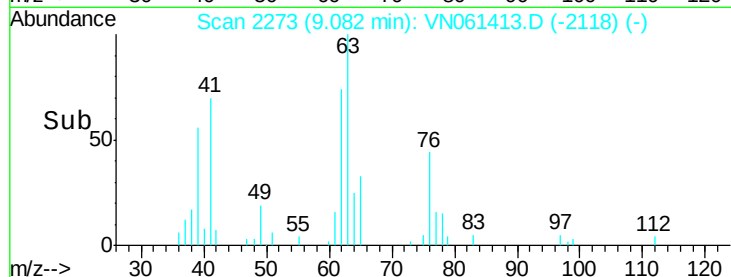
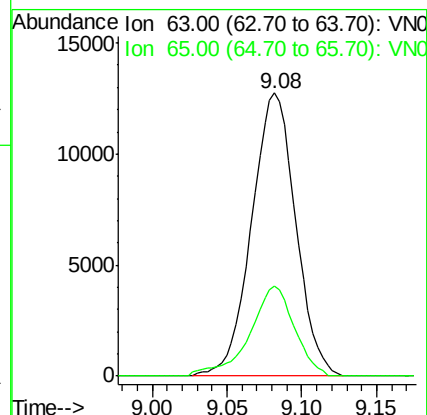
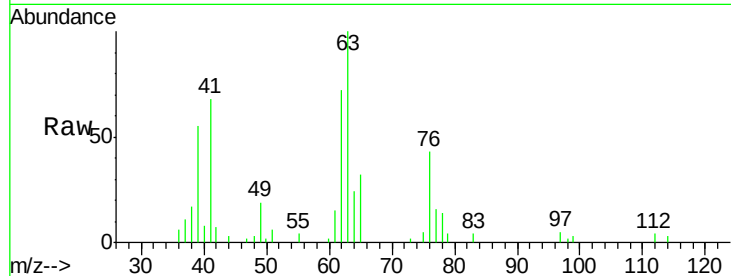




#39
 1,2-Dichloropropane
 Concen: 19.43 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

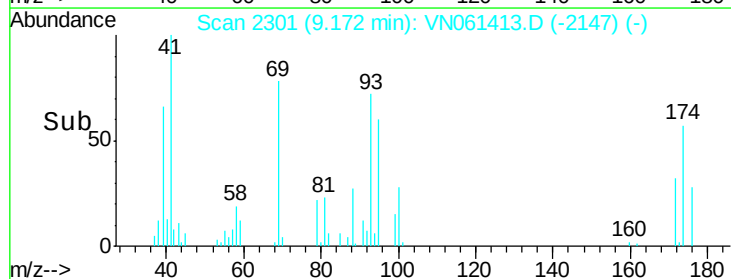
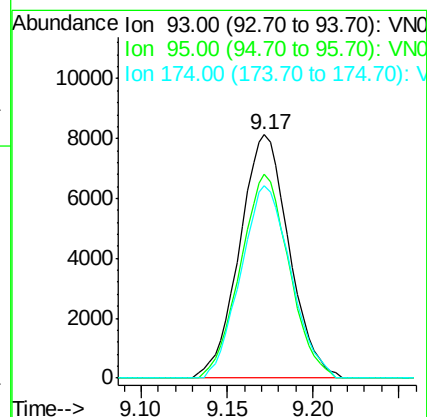
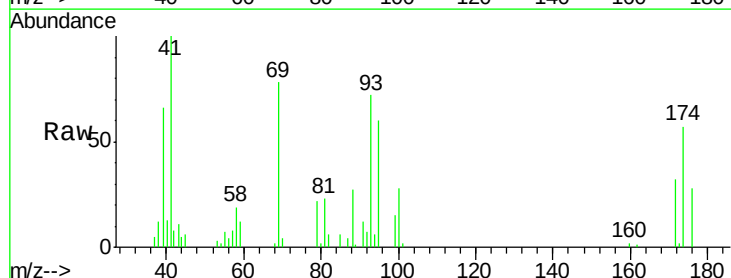
Instrument :
 MSVOA_N
 ClientSampled :
 VN0515WBSD01

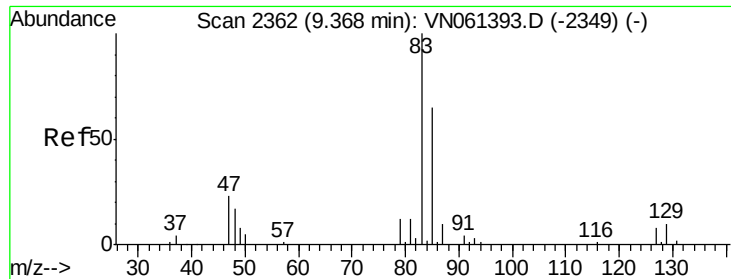
Tgt Ion: 63 Resp: 26164
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.8 35.6



#40
 Dibromomethane
 Concen: 19.50 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 93 Resp: 16222
 Ion Ratio Lower Upper
 93 100
 95 82.4 0.0 167.6
 174 79.6 0.0 187.2

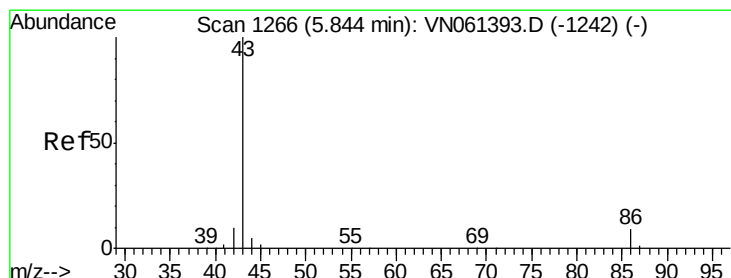
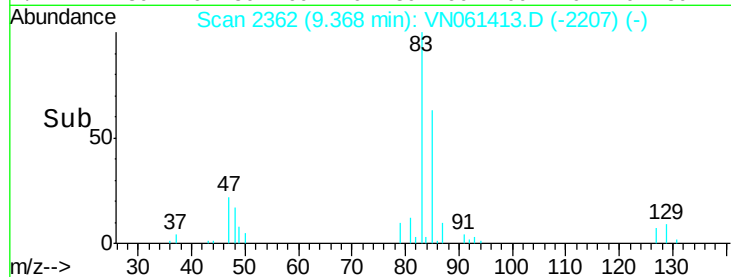
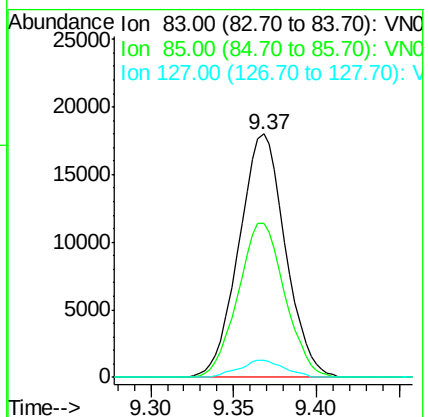
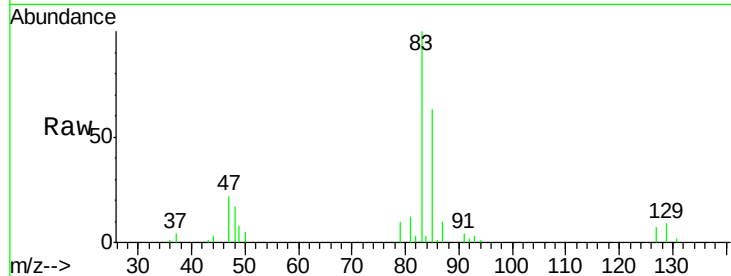




#41
 Bromodichloromethane
 Concen: 19.43 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

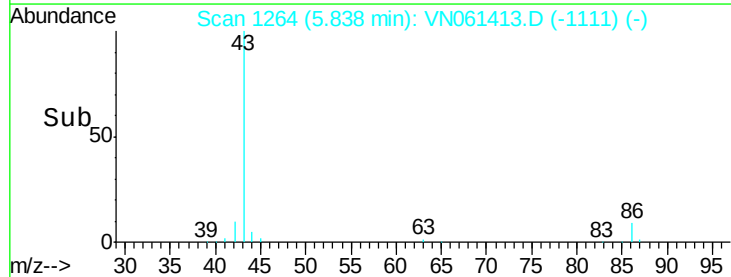
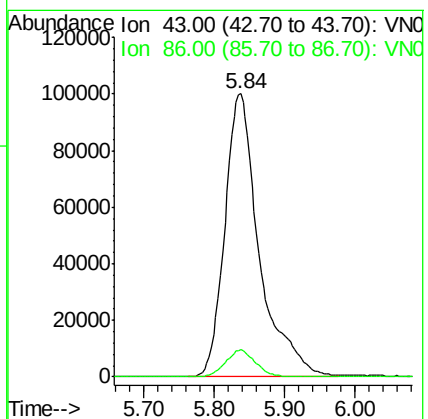
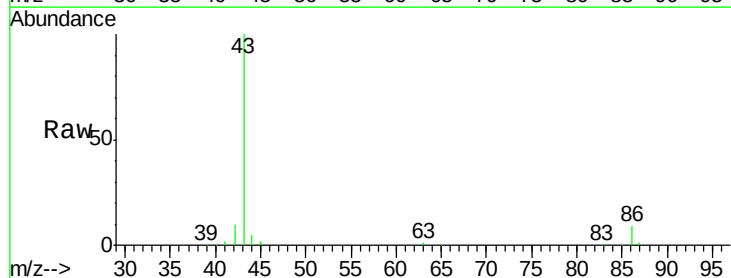
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

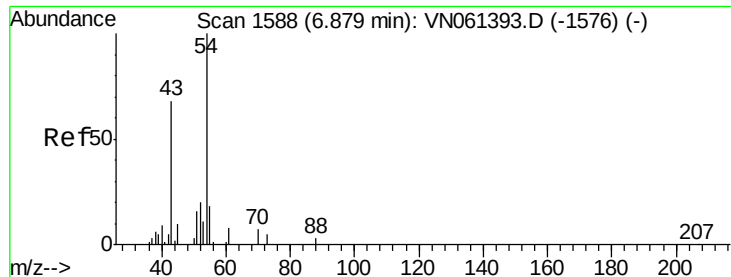
Tgt Ion: 83 Resp: 35054
 Ion Ratio Lower Upper
 83 100
 85 63.1 51.0 76.4
 127 6.9 6.6 9.8



#42
 Vinyl Acetate
 Concen: 98.34 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 43 Resp: 342038
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.5 9.7





#43

Ethyl Acetate

Concen: 21.10 ug/l

RT: 6.88 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

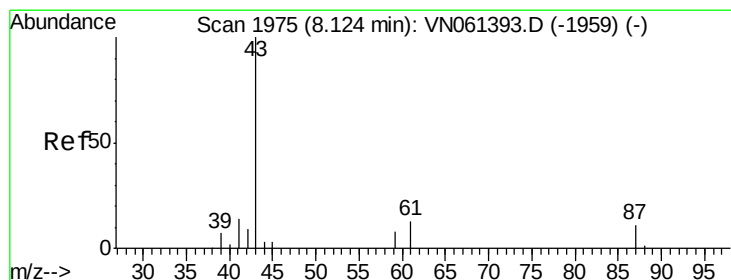
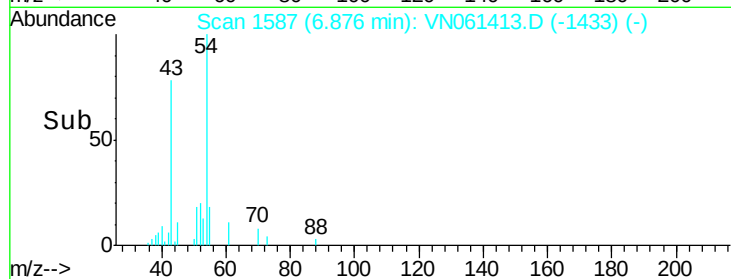
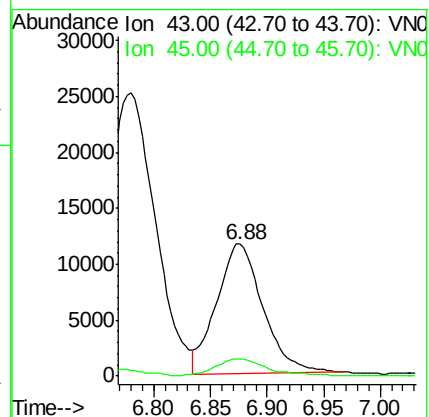
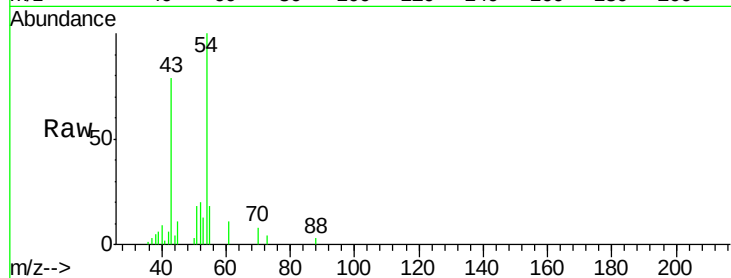
VN0515WBSD01

Tgt Ion: 43 Resp: 33005

Ion Ratio Lower Upper

43 100

45 14.4 9.7 14.5



#44

Isopropyl Acetate

Concen: 19.50 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061413.D

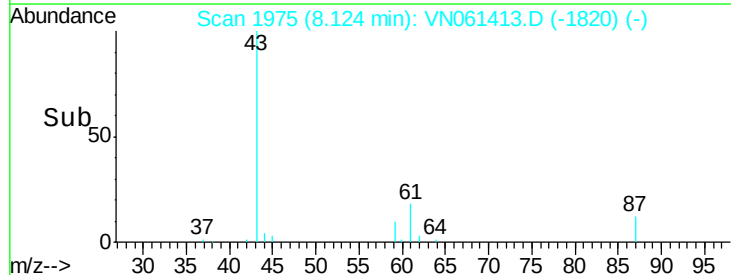
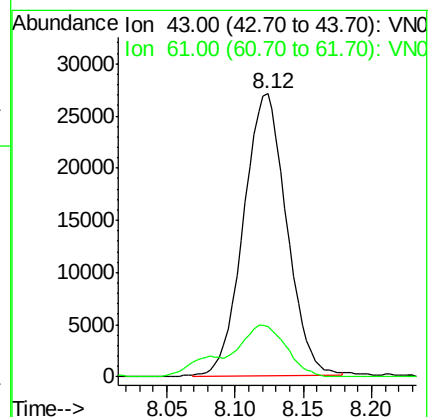
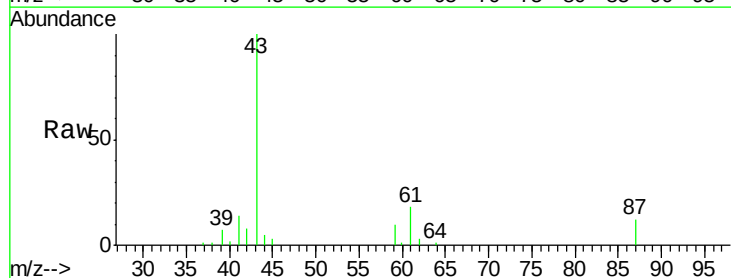
Acq: 15 May 2020 16:48

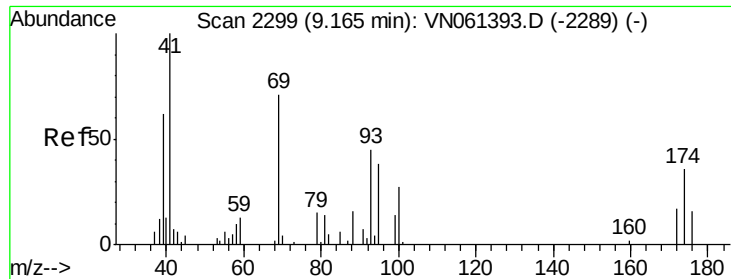
Tgt Ion: 43 Resp: 59228

Ion Ratio Lower Upper

43 100

61 19.7 19.9 29.9#

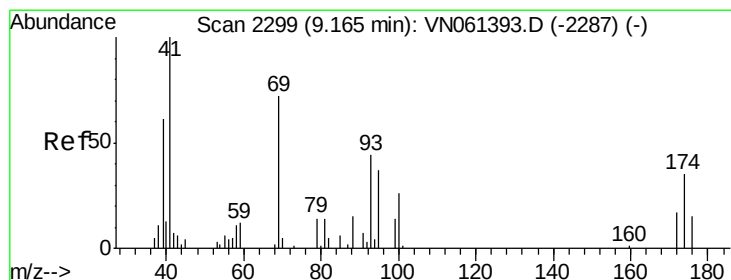
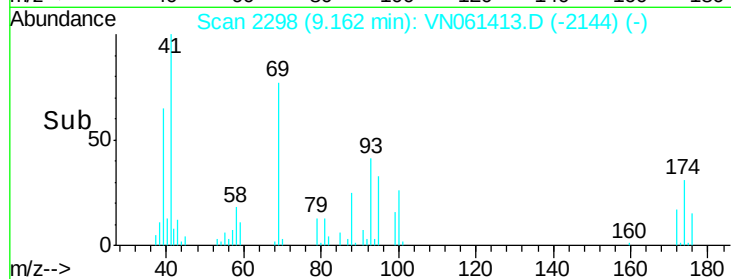
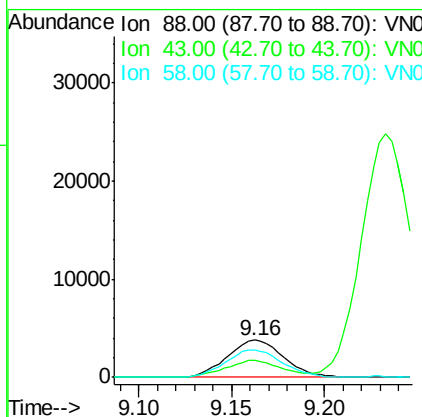
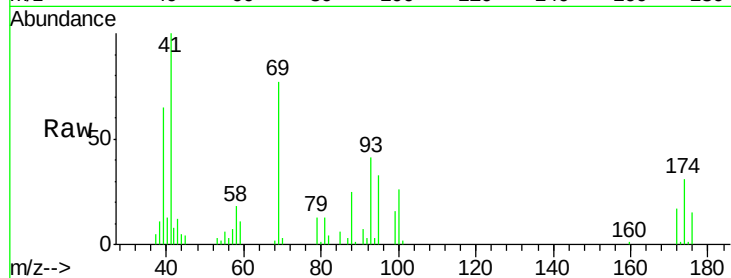




#45
 1,4-Dioxane
 Concen: 667.53 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

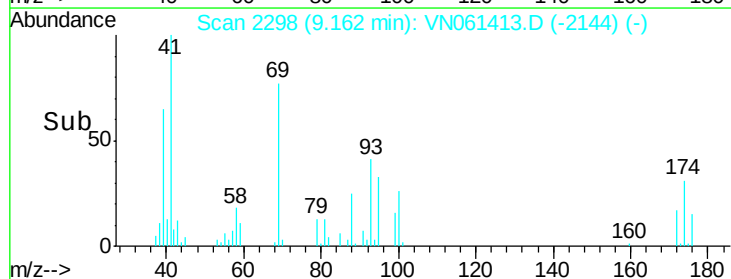
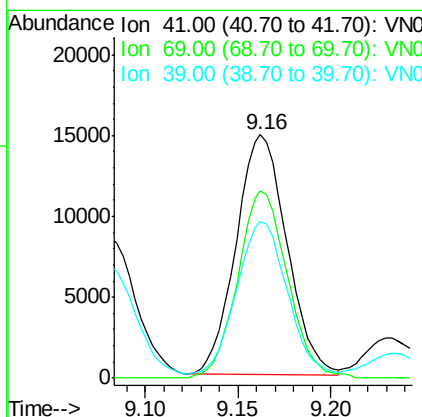
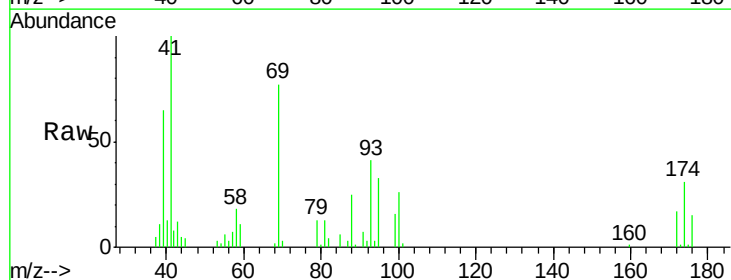
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

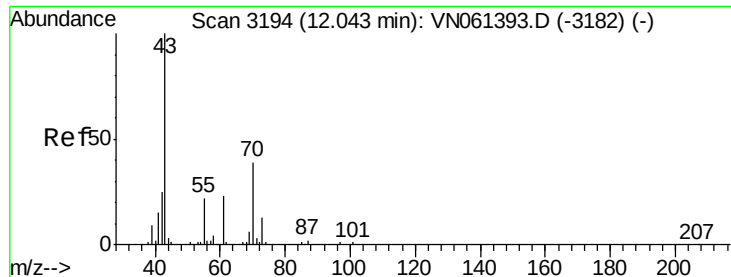
Tgt Ion: 88 Resp: 8002
 Ion Ratio Lower Upper
 88 100
 43 45.6 29.8 44.8#
 58 73.9 58.2 87.4



#46
 Methyl methacrylate
 Concen: 19.71 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 41 Resp: 28156
 Ion Ratio Lower Upper
 41 100
 69 78.5 40.2 120.5
 39 63.9 29.9 89.8





#47

n-amyl Acetate

Concen: 18.60 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

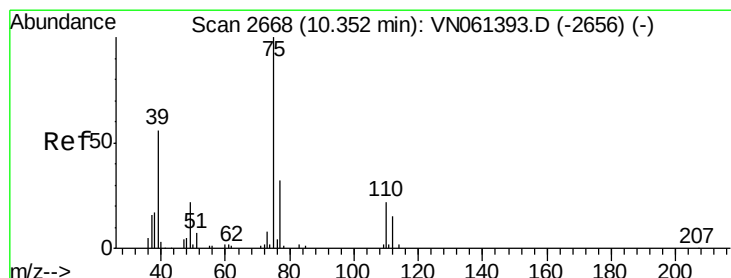
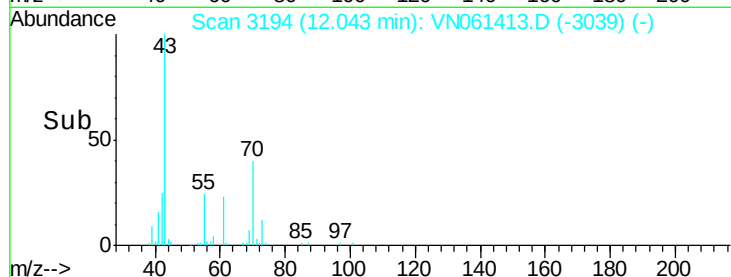
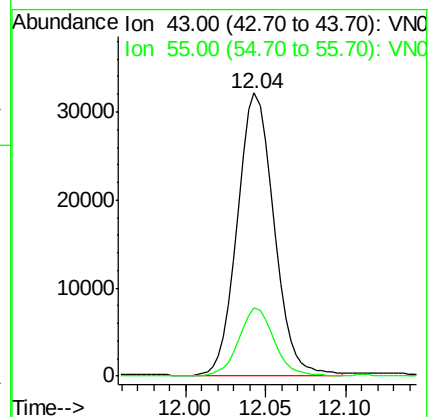
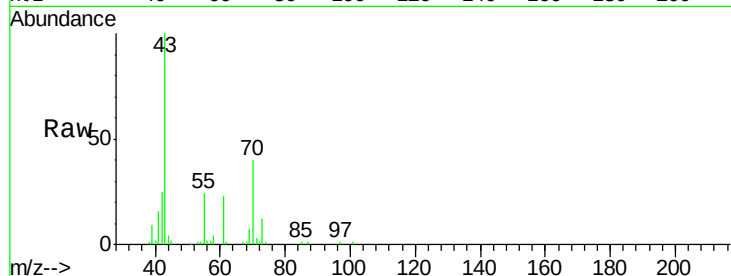
VN0515WBSD01

Tgt Ion: 43 Resp: 50392

Ion Ratio Lower Upper

43 100

55 23.1 19.6 29.4



#48

t-1,3-Dichloropropene

Concen: 19.09 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061413.D

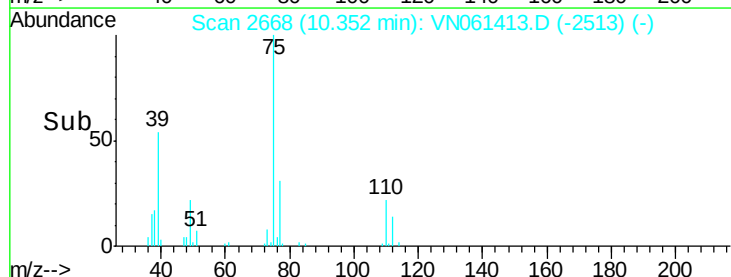
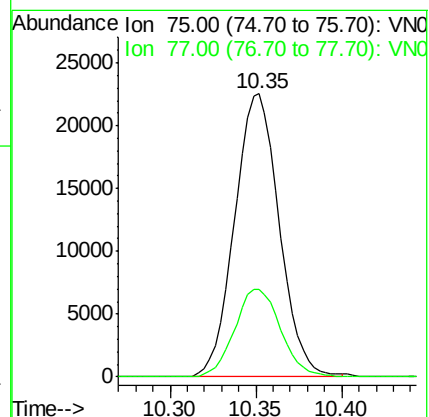
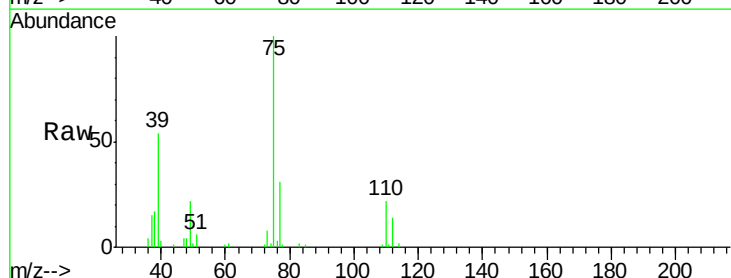
Acq: 15 May 2020 16:48

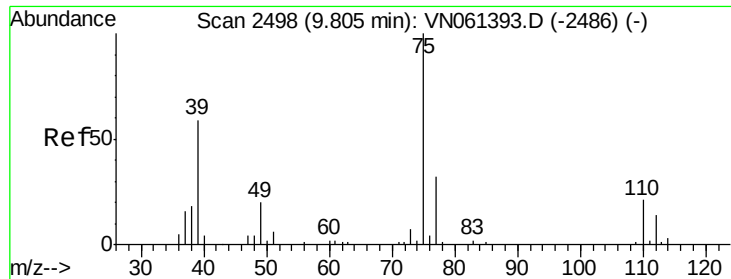
Tgt Ion: 75 Resp: 40659

Ion Ratio Lower Upper

75 100

77 30.9 27.0 40.4

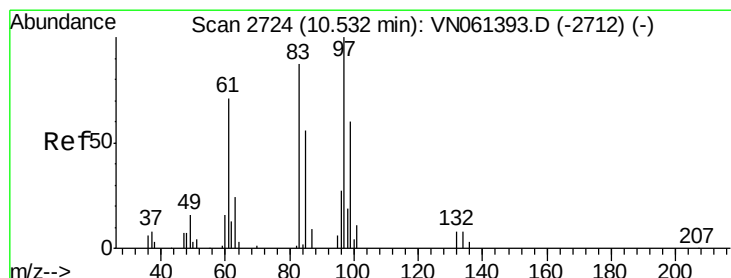
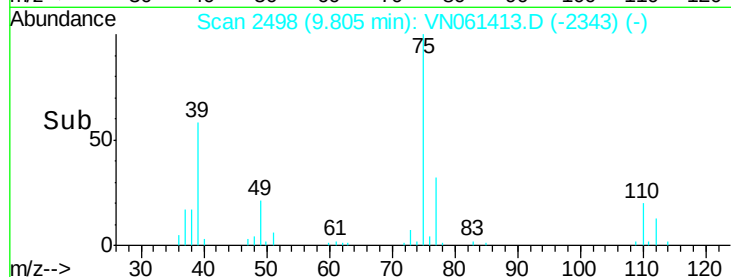
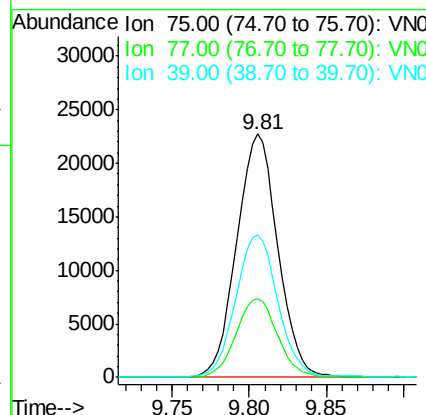
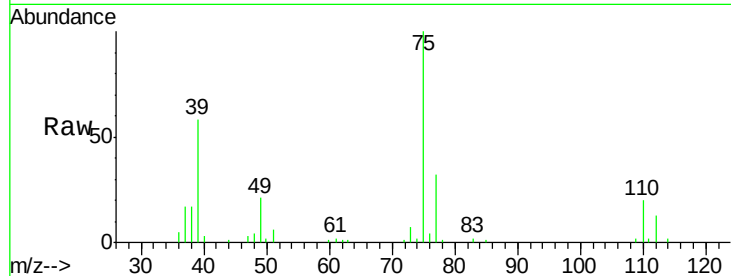




#49
 cis-1,3-Dichloropropene
 Concen: 18.60 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

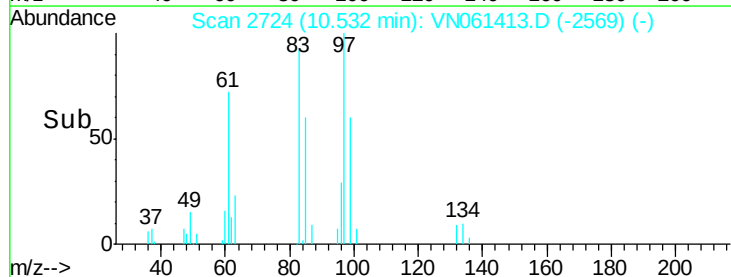
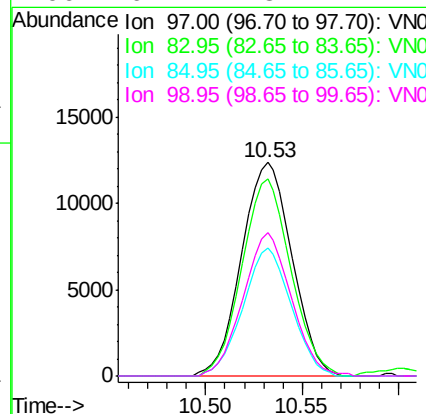
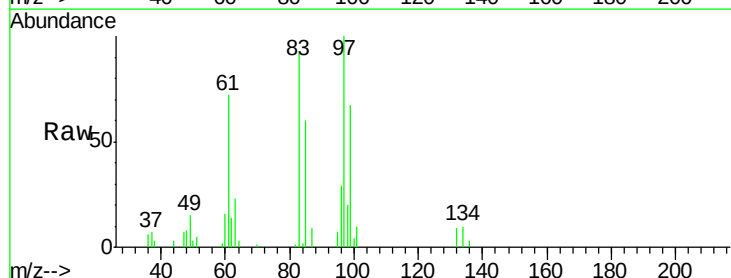
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

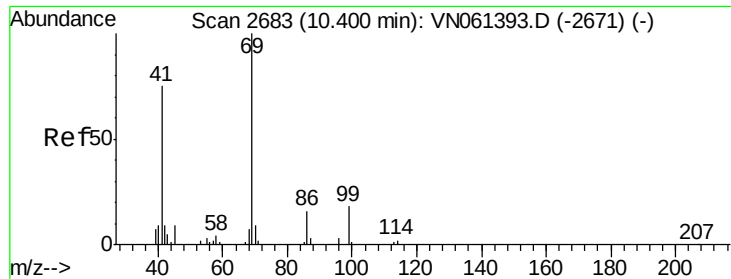
Tgt Ion: 75 Resp: 41887
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 57.7 43.1 64.7



#50
 1,1,2-Trichloroethane
 Concen: 19.47 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 97 Resp: 22392
 Ion Ratio Lower Upper
 97 100
 83 92.1 70.7 106.1
 85 59.8 45.1 67.7
 99 67.4 48.2 72.4





#51

Ethyl methacrylate

Concen: 19.19 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

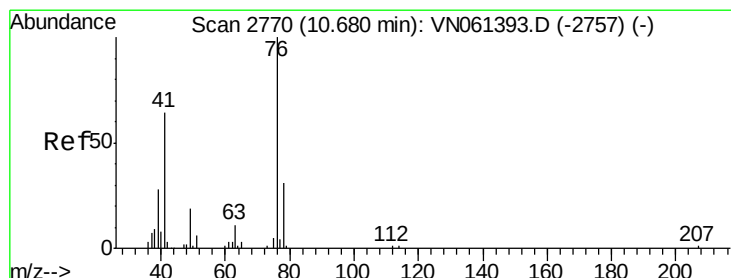
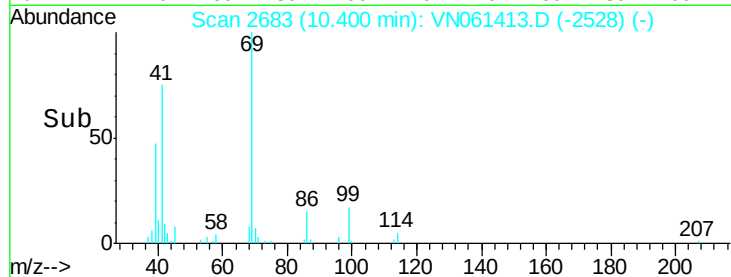
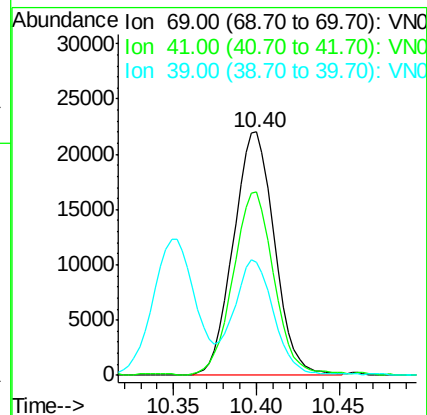
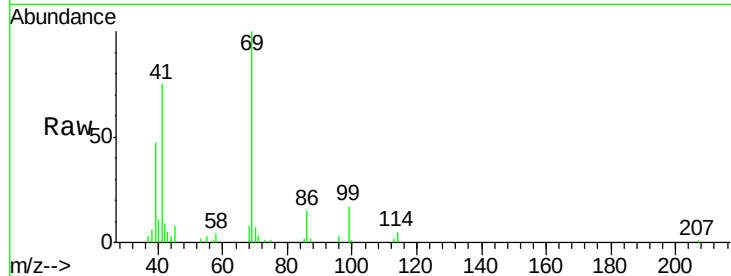
Tgt Ion: 69 Resp: 38029

Ion Ratio Lower Upper

69 100

41 74.4 34.7 104.1

39 45.9 20.3 60.8



#52

1,3-Dichloropropane

Concen: 20.12 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061413.D

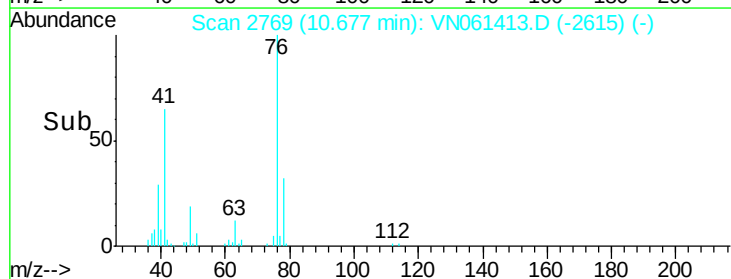
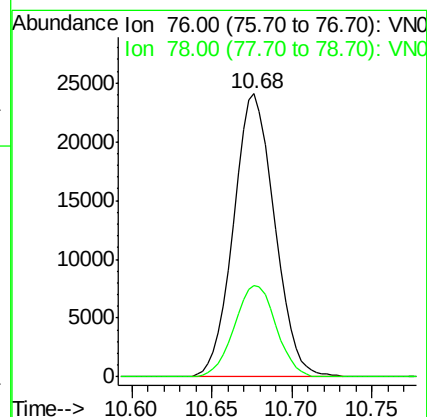
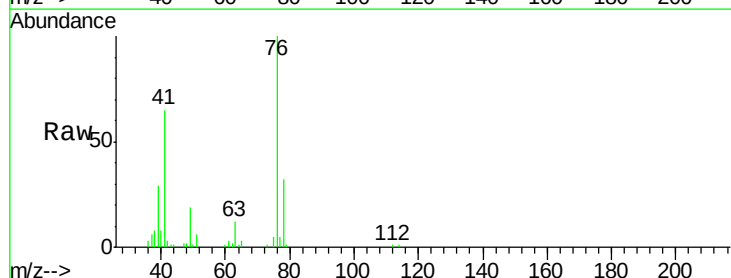
Acq: 15 May 2020 16:48

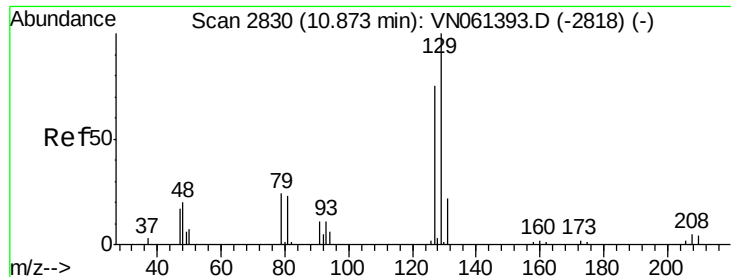
Tgt Ion: 76 Resp: 42249

Ion Ratio Lower Upper

76 100

78 32.7 0.0 63.2

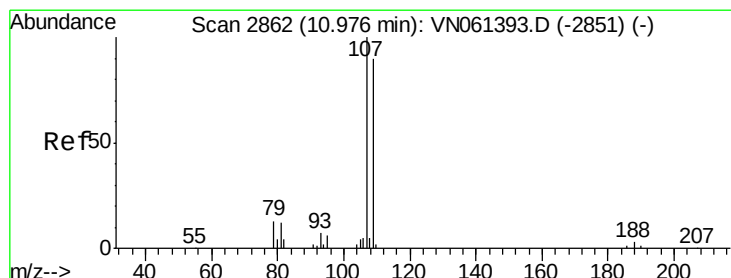
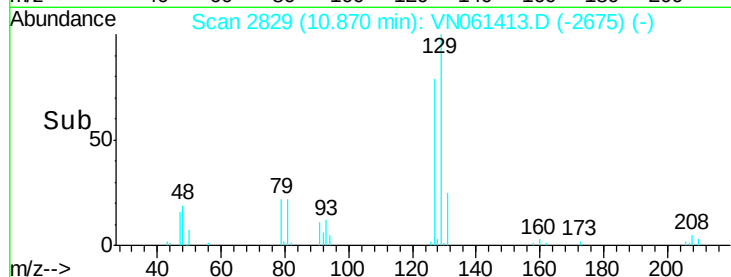
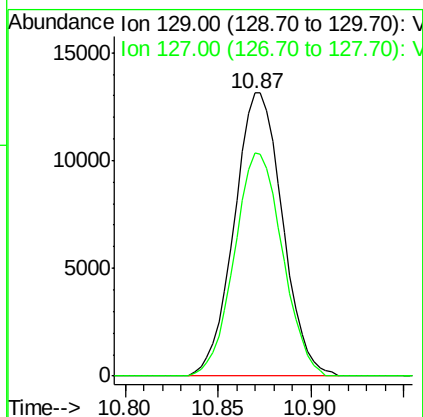
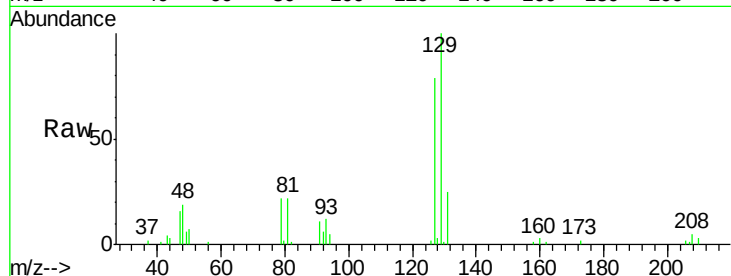




#53
 Dibromochloromethane
 Concen: 18.92 ug/l
 RT: 10.87 min Scan# 2829
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

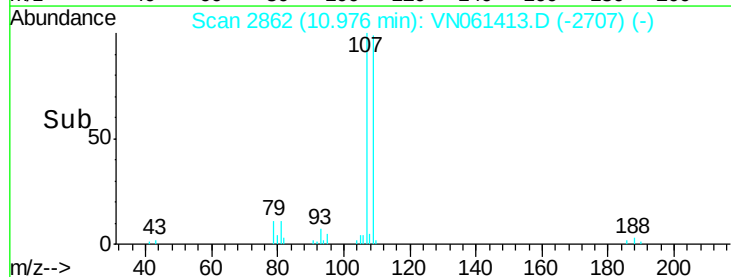
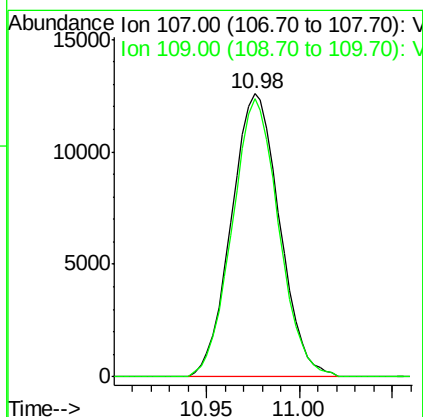
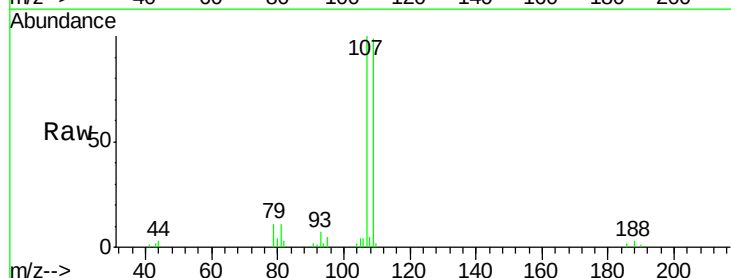
Instrument :
 MSVOA_N
 ClientSampled :
 VN0515WBSD01

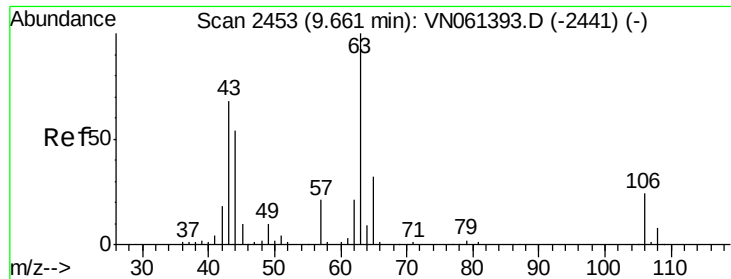
Tgt Ion:129 Resp: 23844
 Ion Ratio Lower Upper
 129 100
 127 78.6 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 19.18 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion:107 Resp: 22763
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.2 114.4

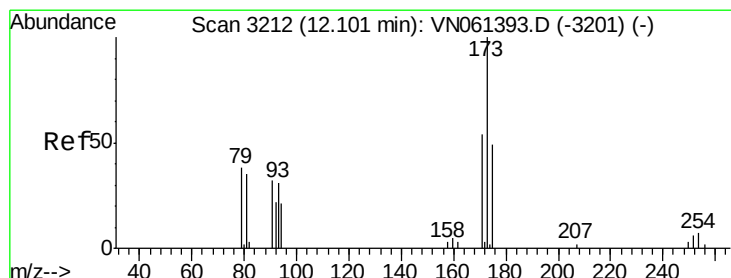
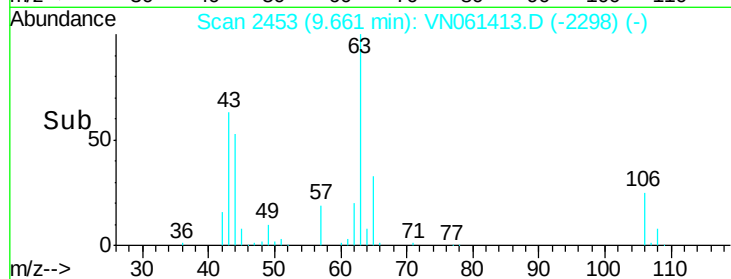
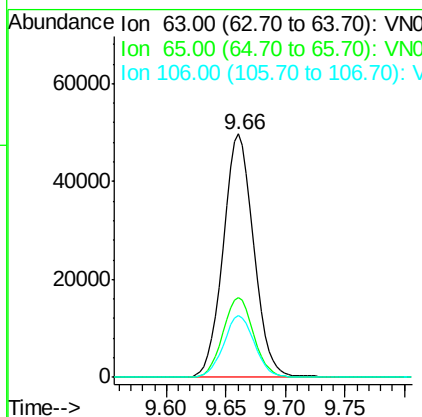
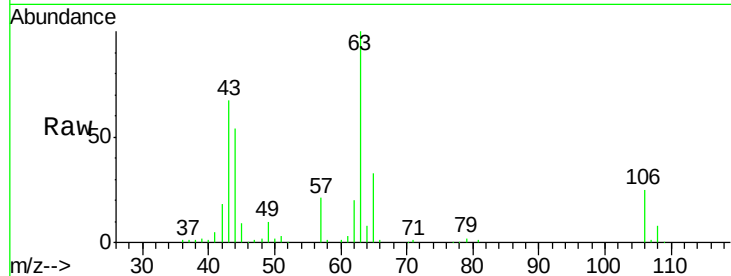




#55
 2-Chloroethyl vinyl ether
 Concen: 100.86 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

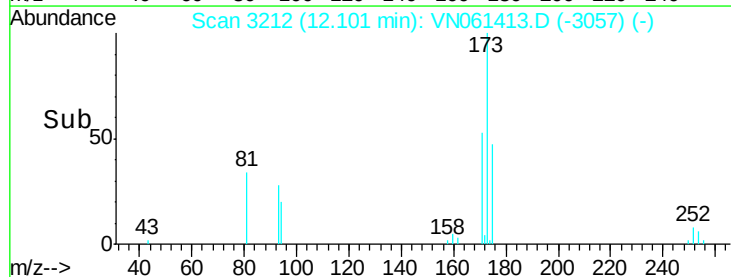
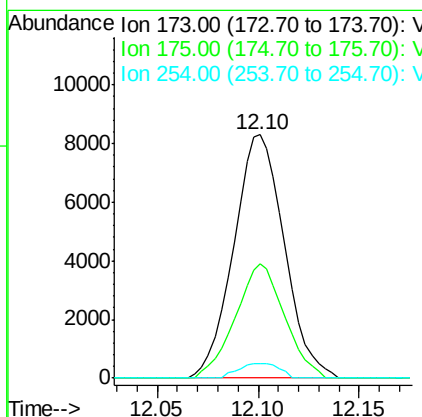
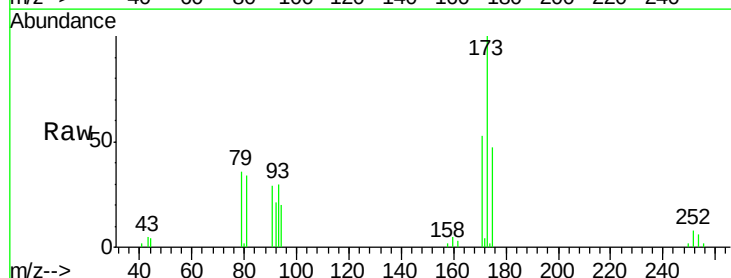
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

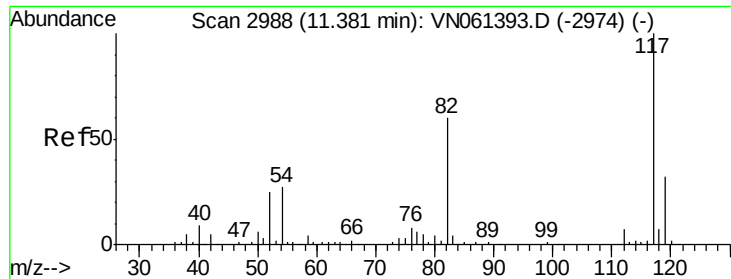
Tgt Ion: 63 Resp: 88443
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.3 37.9
 106 25.6 19.8 29.6



#56
 Bromoform
 Concen: 18.38 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 173 Resp: 14568
 Ion Ratio Lower Upper
 173 100
 175 45.5 38.7 58.1
 254 4.8 7.4 11.2#

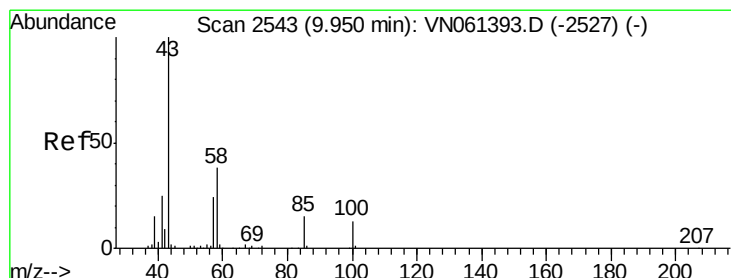
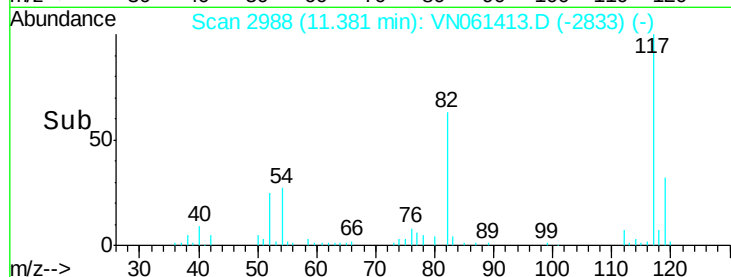
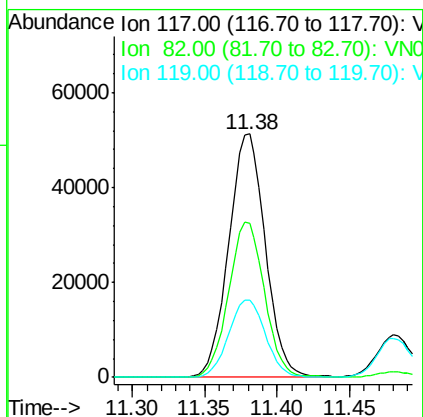
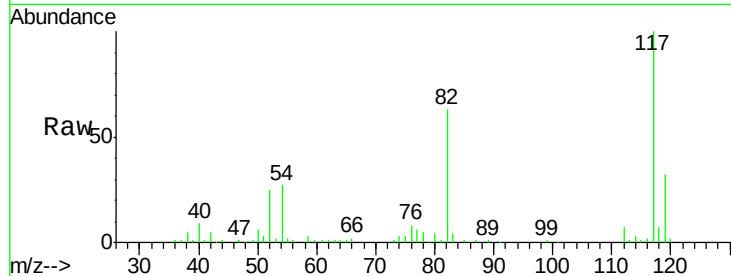




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

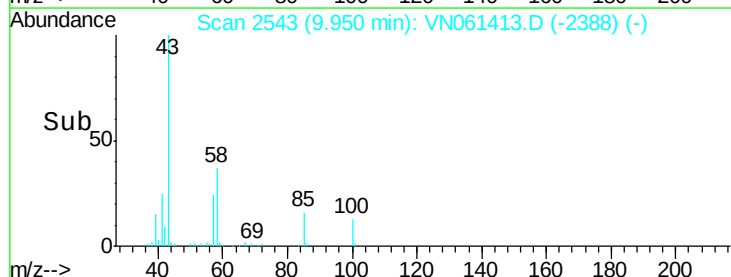
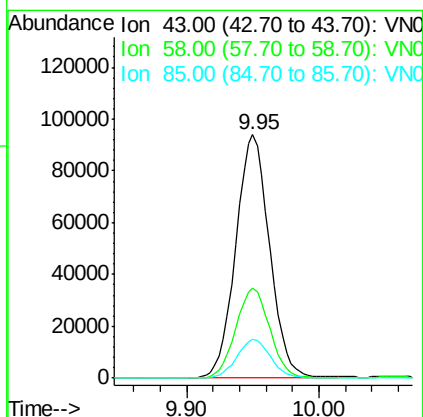
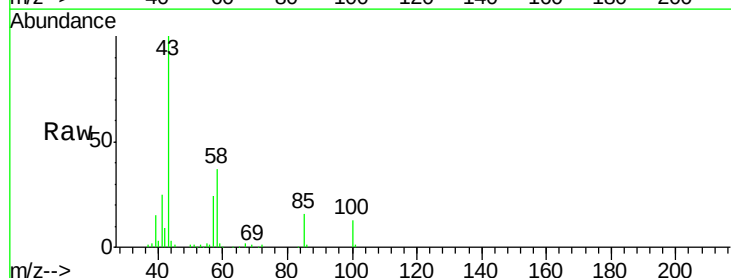
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

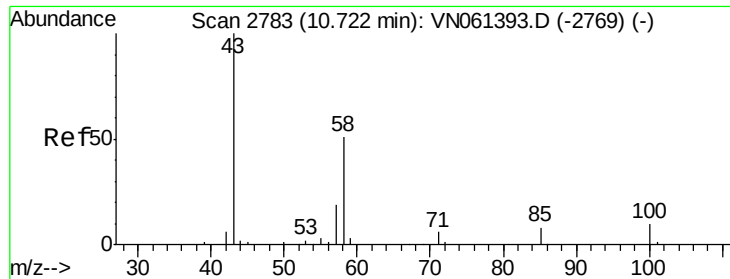
Tgt Ion: 117 Resp: 89924
Ion Ratio Lower Upper
117 100
82 62.5 46.9 70.3
119 32.0 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 101.63 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

Tgt Ion: 43 Resp: 166532
Ion Ratio Lower Upper
43 100
58 37.2 30.1 45.1
85 15.8 13.2 19.8

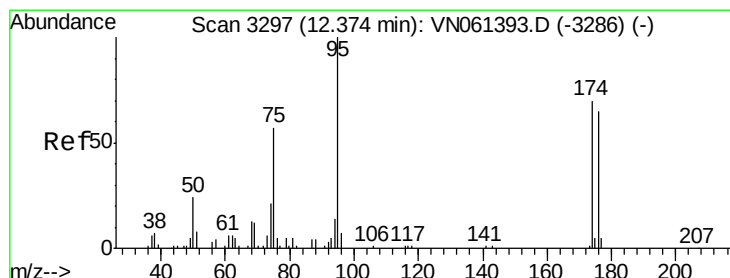
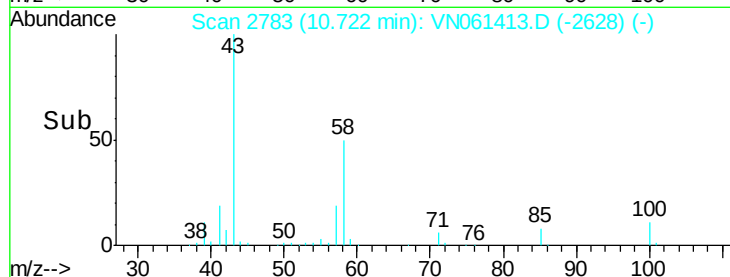
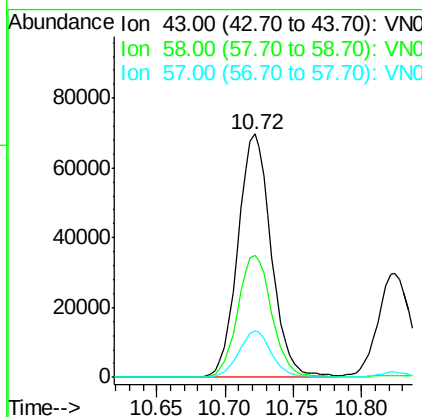
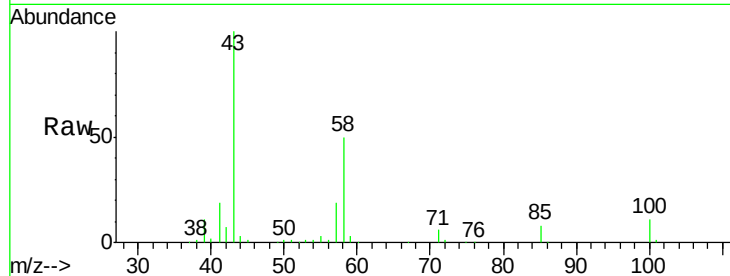




#59
2-Hexanone
Concen: 102.26 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

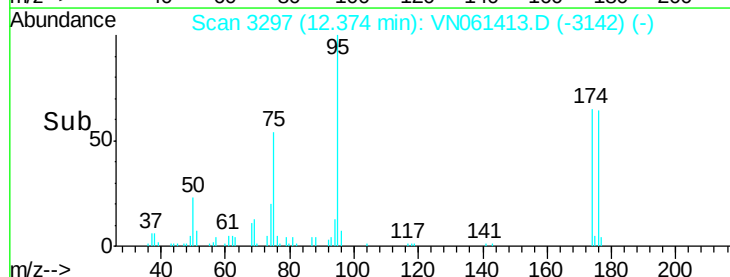
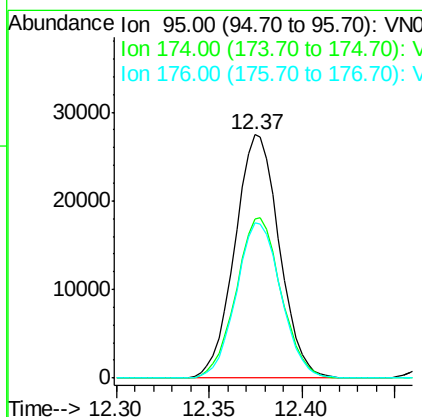
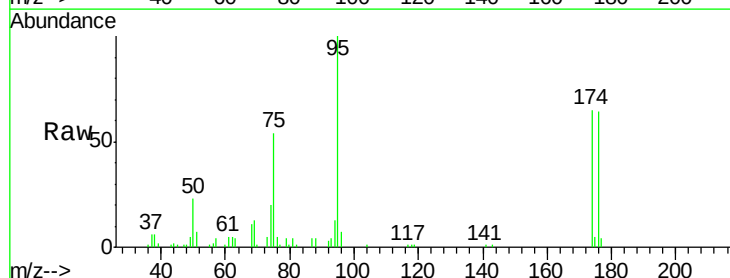
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

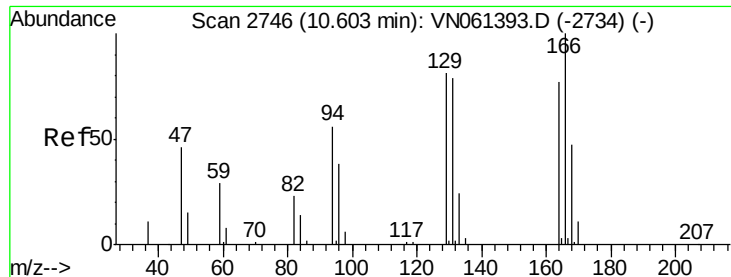
Tgt Ion: 43 Resp: 118527
Ion Ratio Lower Upper
43 100
58 51.3 41.4 62.0
57 18.7 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.81 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

Tgt Ion: 95 Resp: 45768
Ion Ratio Lower Upper
95 100
174 66.3 59.9 89.9
176 63.9 58.3 87.5





#61

Tetrachloroethene

Concen: 18.74 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

Tgt Ion:164 Resp: 21070

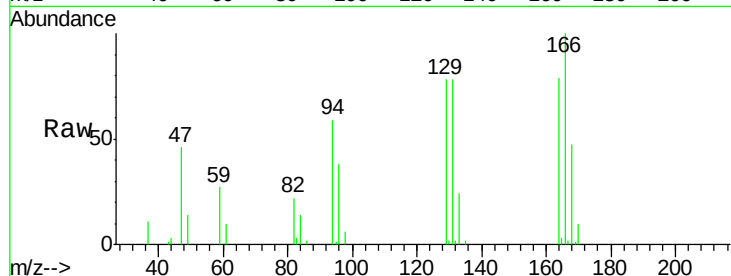
Ion Ratio Lower Upper

164 100

166 126.8 101.4 152.2

129 99.1 78.1 117.1

131 98.6 73.2 109.8

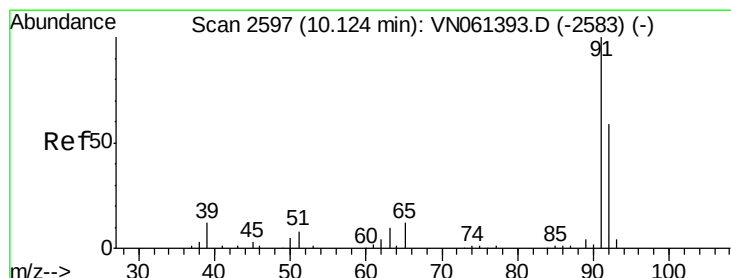
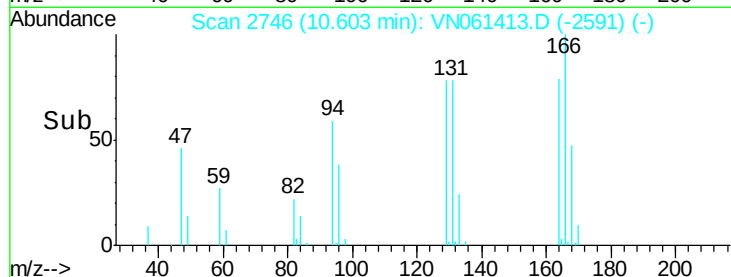
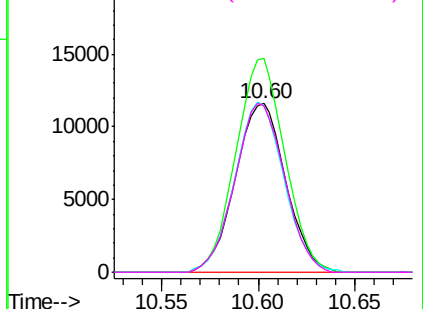


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.86 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061413.D

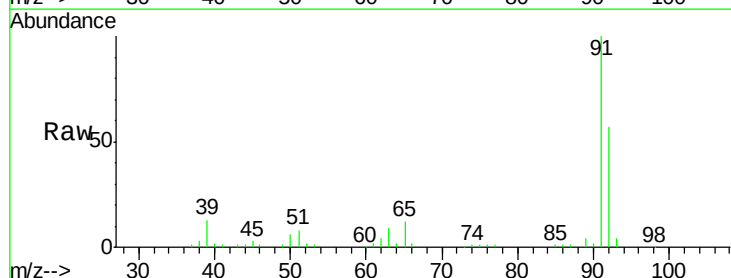
Acq: 15 May 2020 16:48

Tgt Ion: 91 Resp: 98345

Ion Ratio Lower Upper

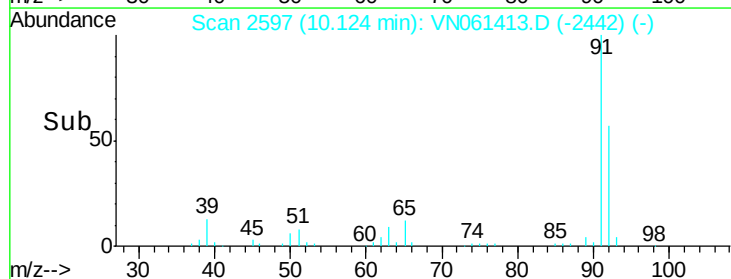
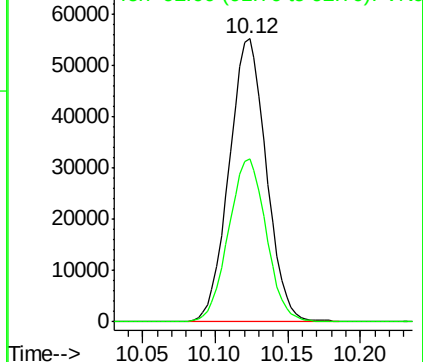
91 100

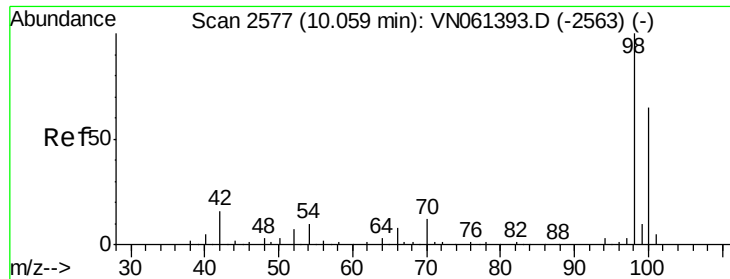
92 58.1 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.99 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

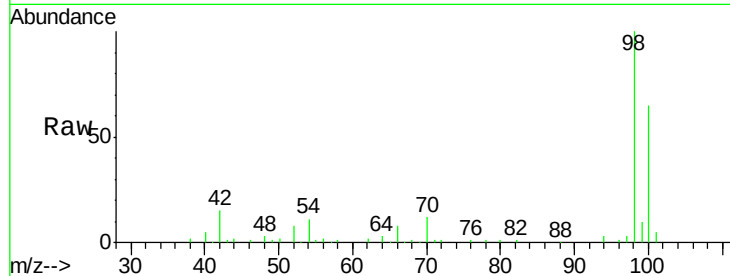
VN0515WBSD01

Tgt Ion: 98 Resp: 124855

Ion Ratio Lower Upper

98 100

100 65.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN061393.D (-2563) (-)

Ion 100.00 (99.70 to 100.70): VN061393.D (-2563) (-)

10.06

80000

60000

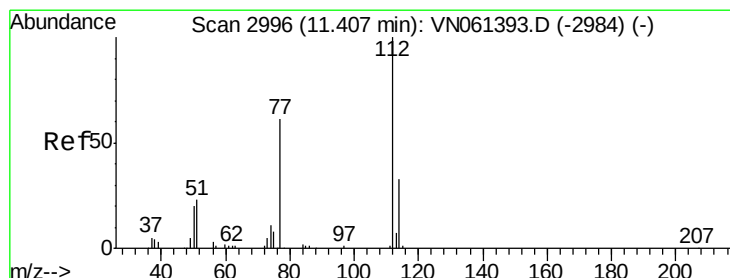
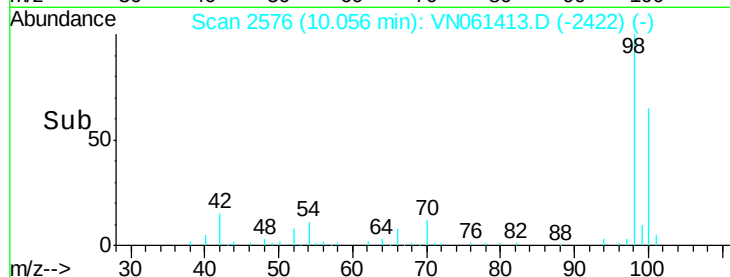
40000

20000

0

10.00 10.05 10.10

Time-->



#64

Chlorobenzene

Concen: 19.23 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061413.D

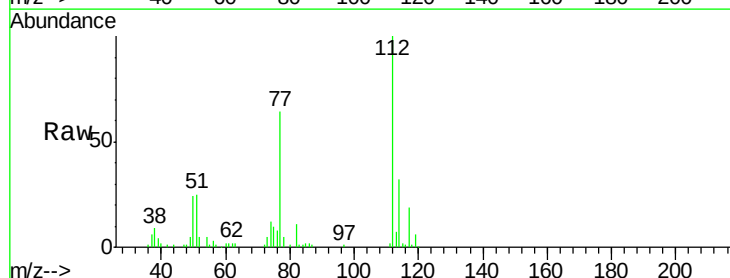
Acq: 15 May 2020 16:48

Tgt Ion: 112 Resp: 59334

Ion Ratio Lower Upper

112 100

114 31.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): VN061393.D (-2984) (-)

Ion 114.00 (113.70 to 114.70): VN061393.D (-2984) (-)

11.40

40000

30000

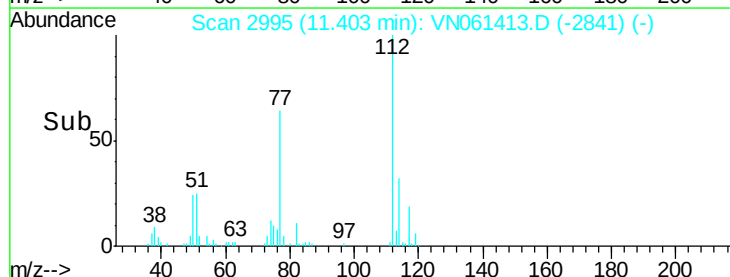
20000

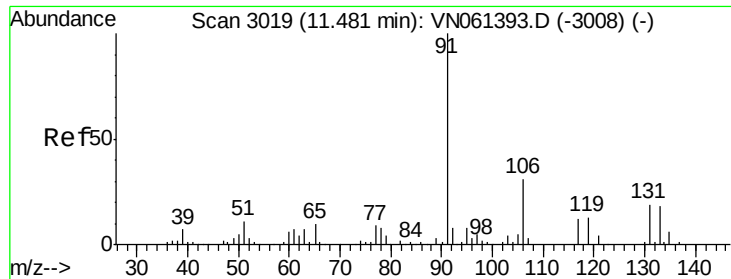
10000

0

11.35 11.40 11.45

Time-->

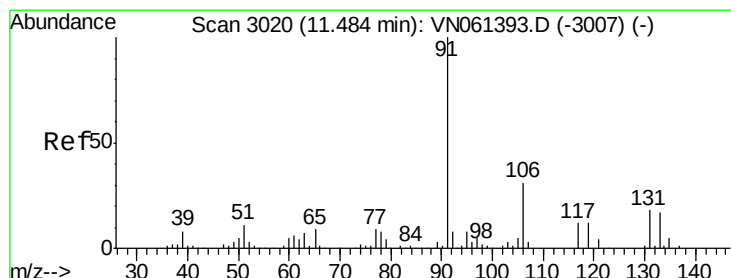
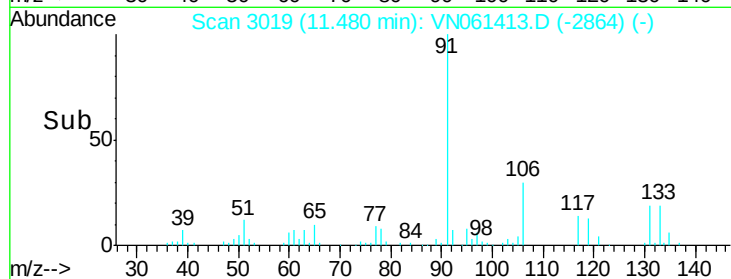
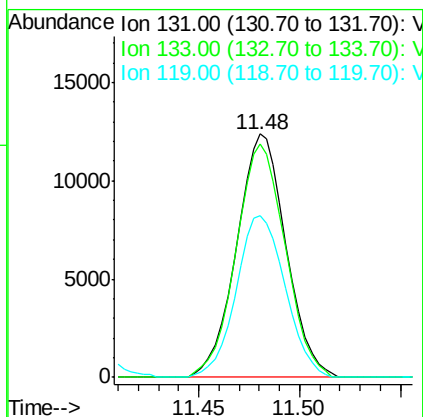
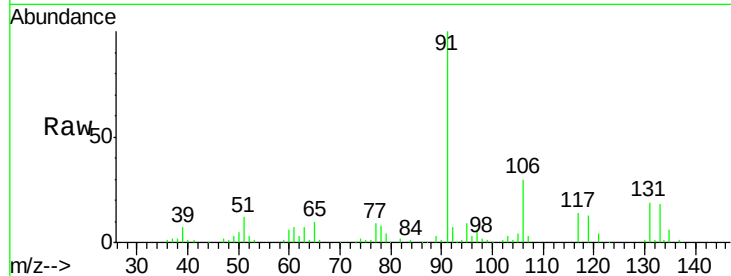




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.78 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

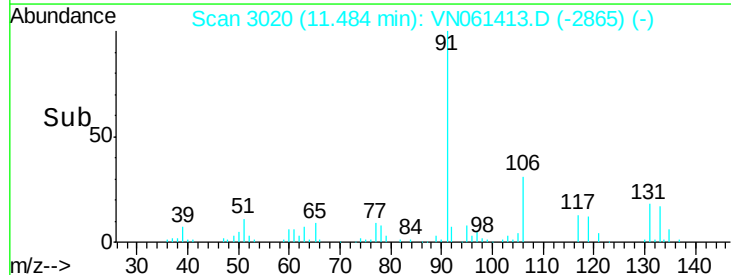
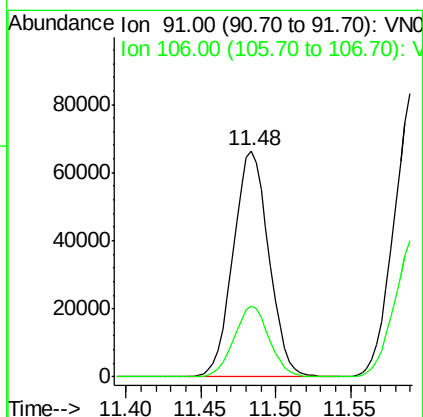
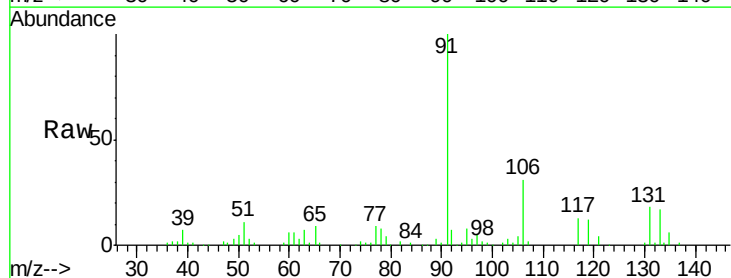
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

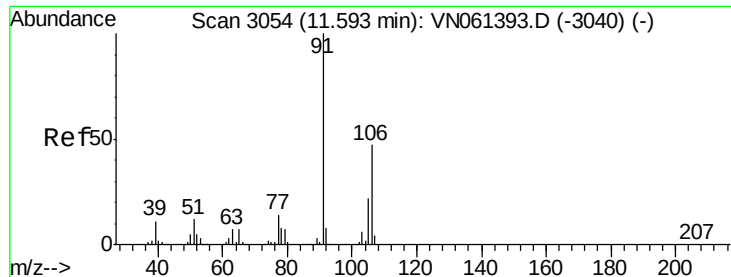
Tgt Ion: 131 Resp: 21179
 Ion Ratio Lower Upper
 131 100
 133 95.5 0.0 194.0
 119 66.2 0.0 136.8



#66
 Ethyl Benzene
 Concen: 18.36 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 91 Resp: 109854
 Ion Ratio Lower Upper
 91 100
 106 31.2 24.2 36.4

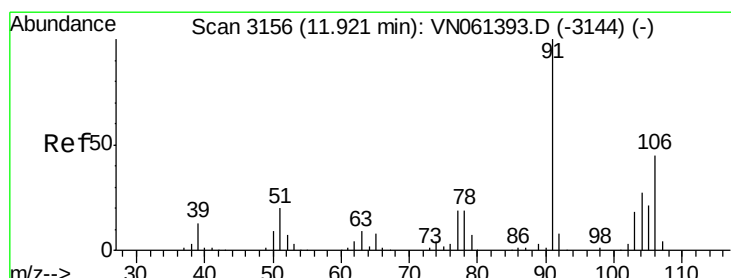
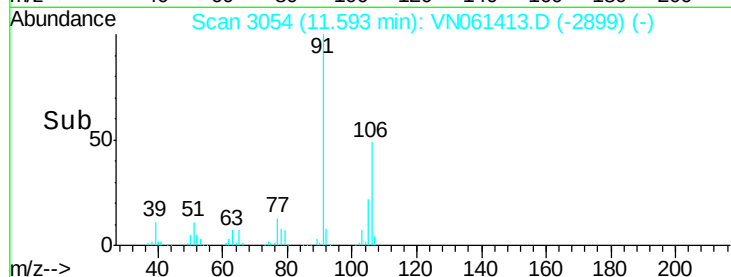
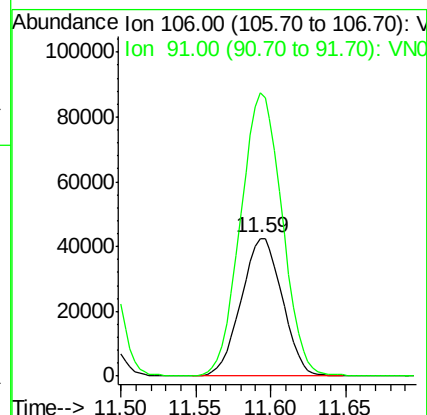
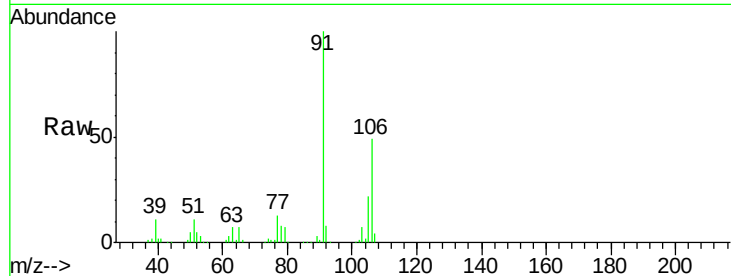




#67
m/p-Xylenes
Concen: 36.93 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

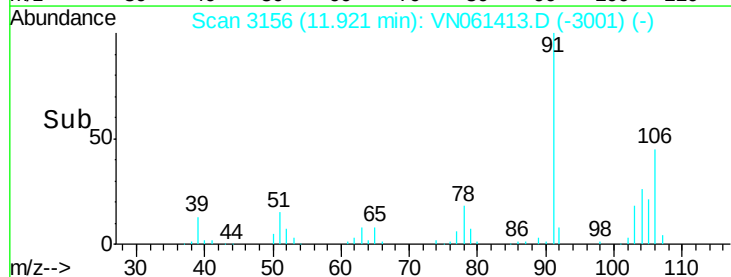
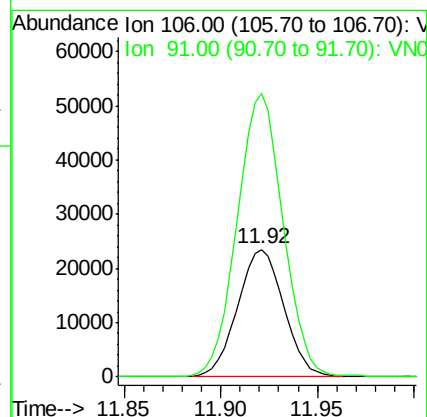
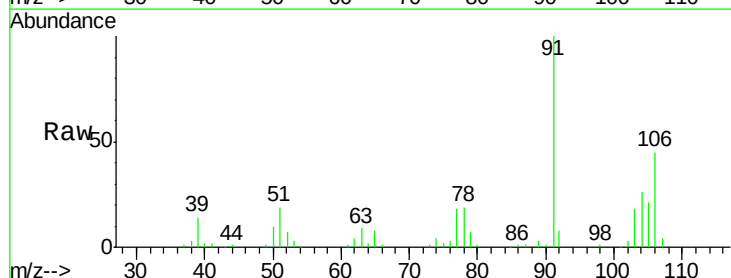
Instrument :
MSVOA_N
ClientSampled :
VN0515WBSD01

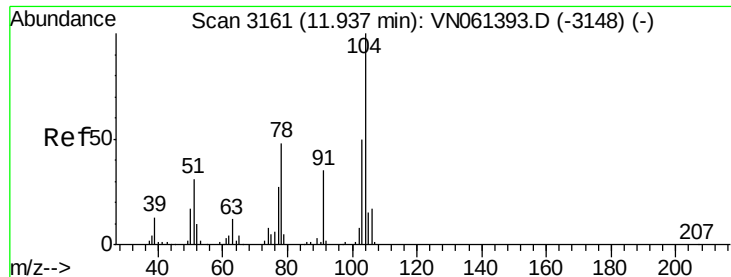
Tgt Ion:106 Resp: 81595
Ion Ratio Lower Upper
106 100
91 207.8 165.6 248.4



#68
o-Xylene
Concen: 18.52 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

Tgt Ion:106 Resp: 39052
Ion Ratio Lower Upper
106 100
91 220.4 109.8 329.4





#69

Styrene

Concen: 18.32 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampled :

VN0515WBSD01

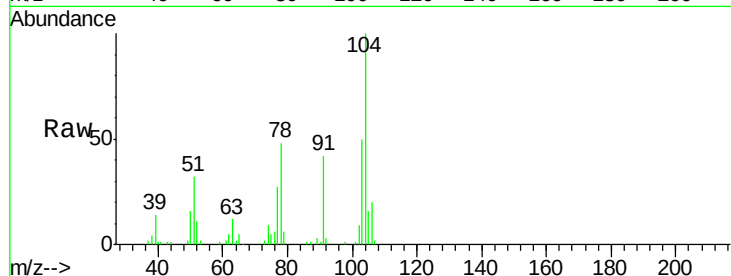
Tgt Ion:104 Resp: 66494

Ion Ratio Lower Upper

104 100

78 54.5 42.4 63.6

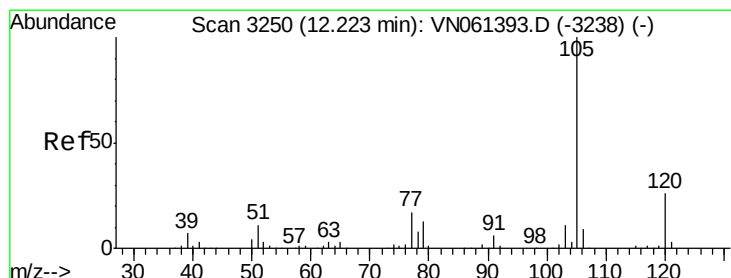
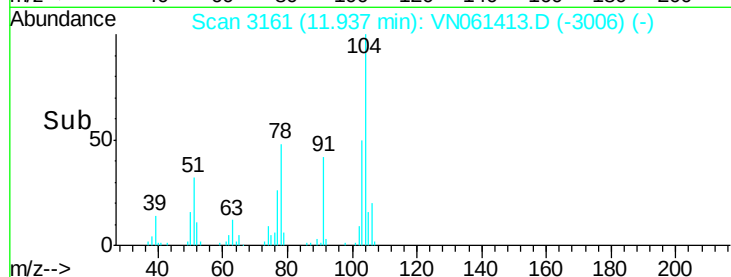
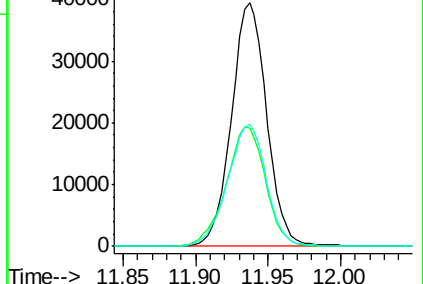
103 54.8 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.06 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061413.D

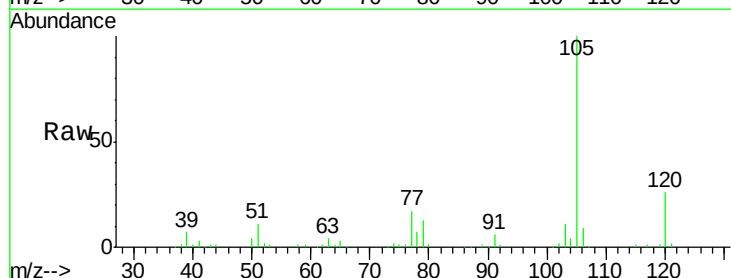
Acq: 15 May 2020 16:48

Tgt Ion:105 Resp: 103193

Ion Ratio Lower Upper

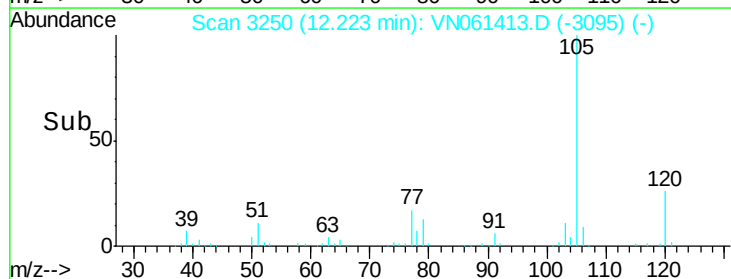
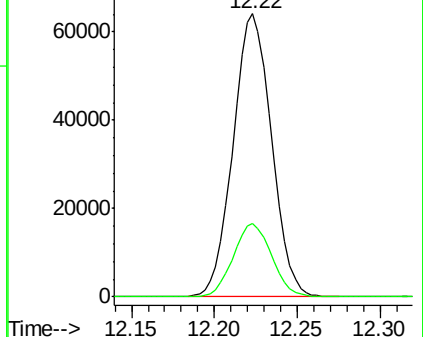
105 100

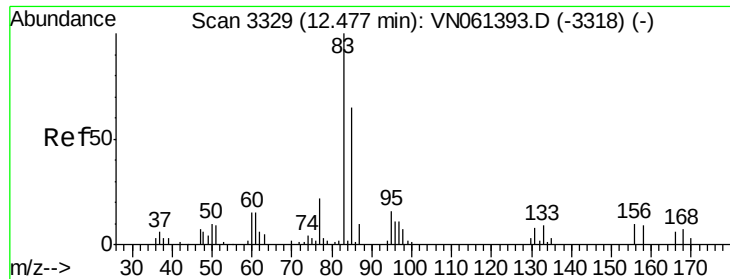
120 25.9 18.4 34.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

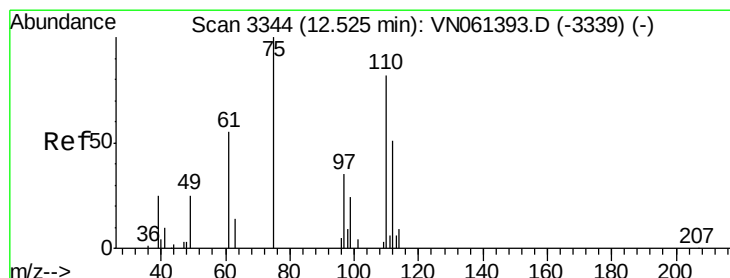
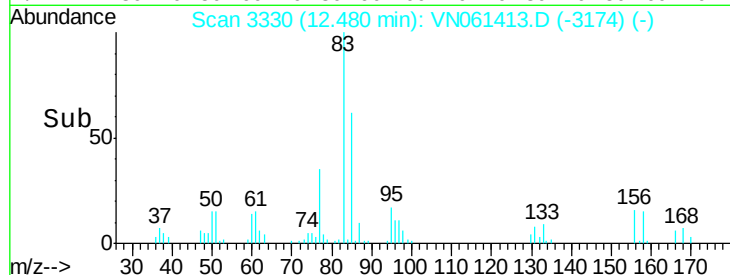
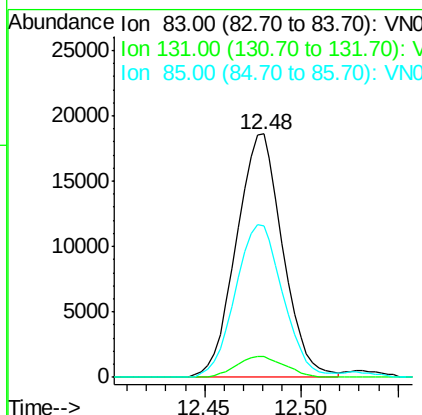
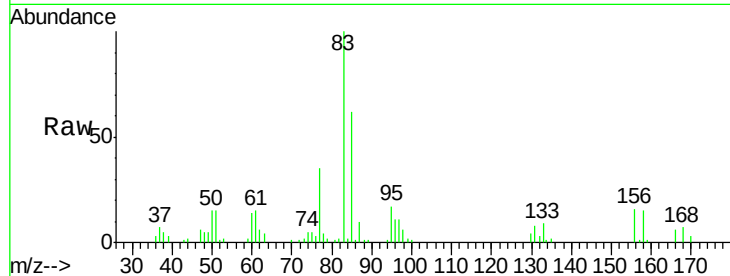




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.70 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

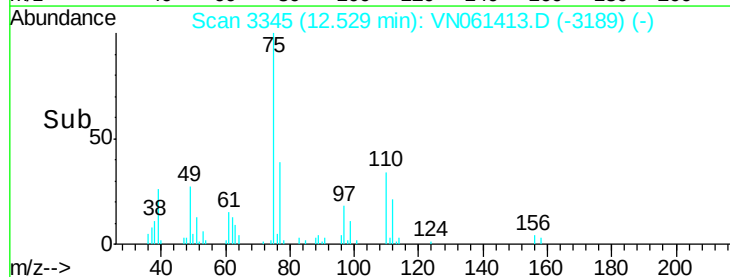
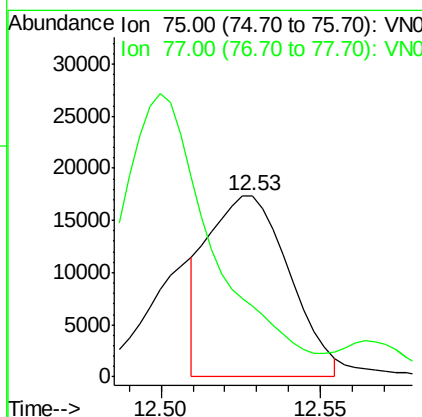
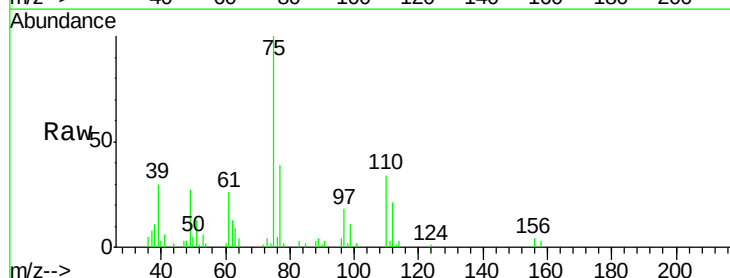
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

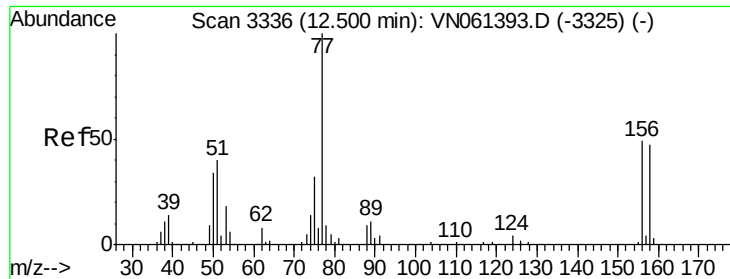
Tgt Ion: 83 Resp: 31097
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.9 14.7
 85 64.4 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 20.41 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 75 Resp: 30726
 Ion Ratio Lower Upper
 75 100
 77 181.7 0.0 359.4





#73

Bromobenzene

Concen: 18.25 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

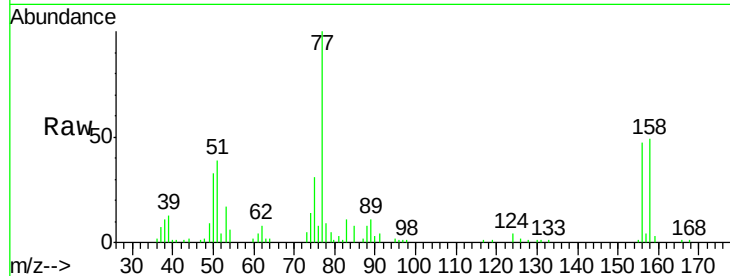
Tgt Ion:156 Resp: 21657

Ion Ratio Lower Upper

156 100

77 257.8 0.0 456.0

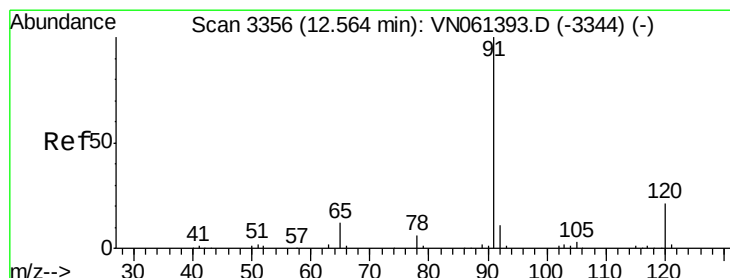
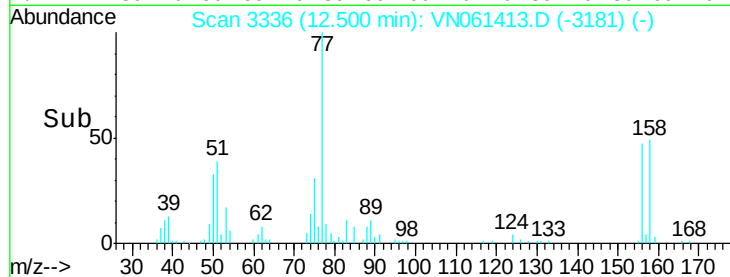
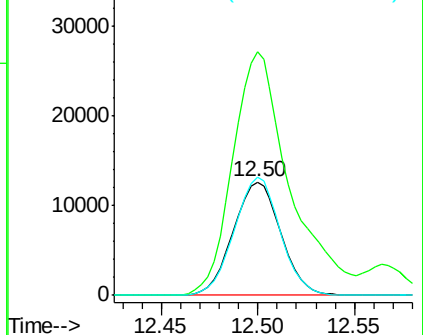
158 100.5 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.97 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061413.D

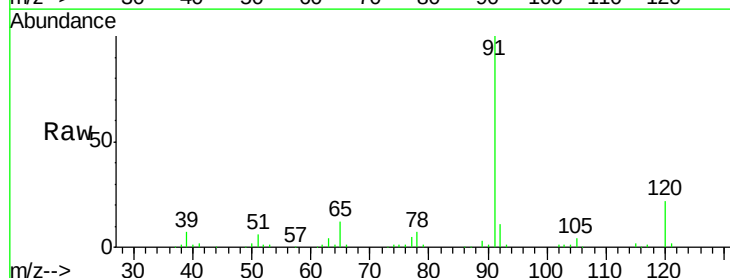
Acq: 15 May 2020 16:48

Tgt Ion: 91 Resp: 122080

Ion Ratio Lower Upper

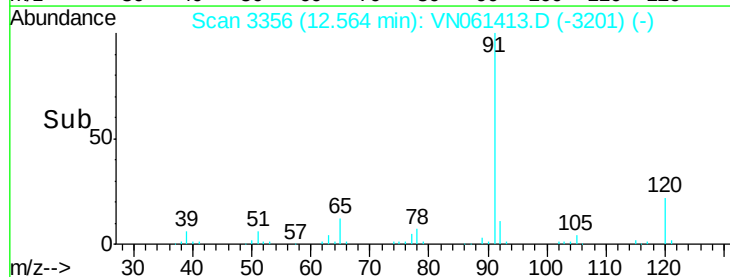
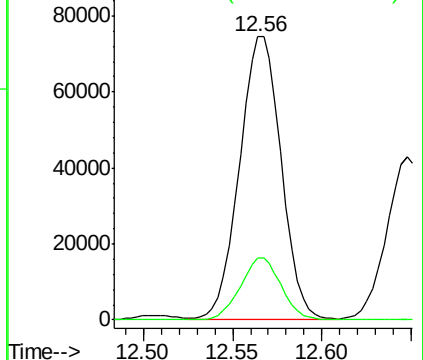
91 100

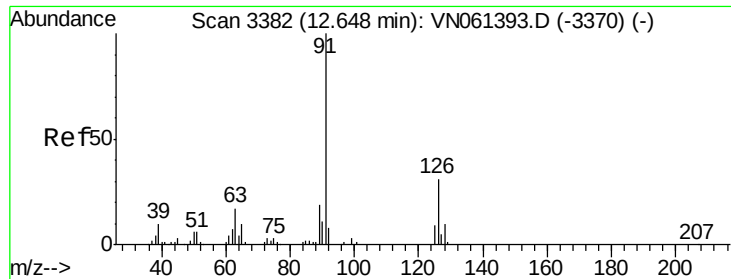
120 21.2 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.44 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

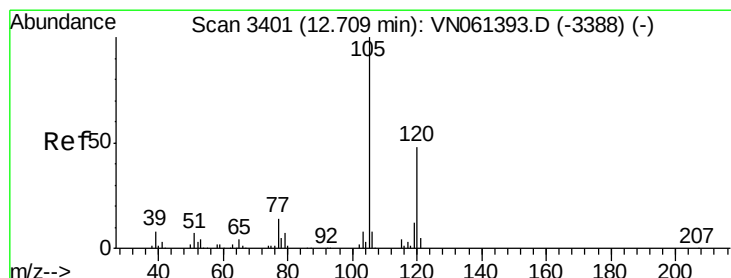
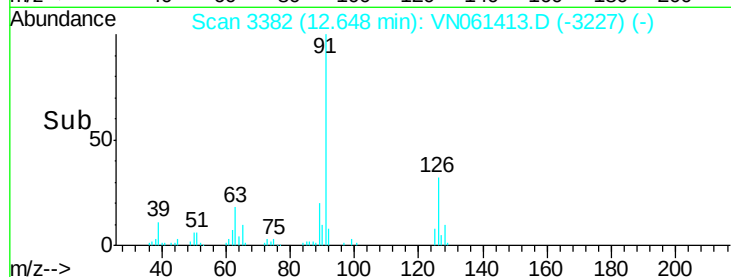
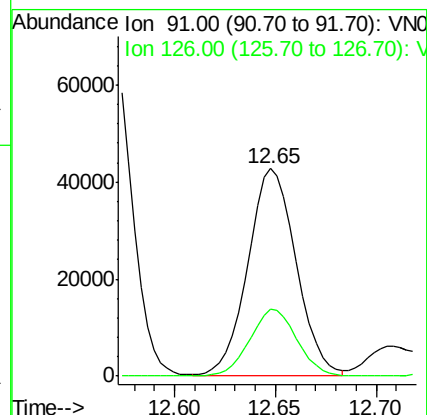
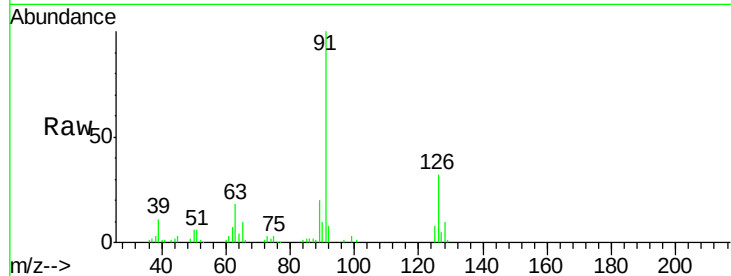
VN0515WBSD01

Tgt Ion: 91 Resp: 71860

Ion Ratio Lower Upper

91 100

126 31.3 0.0 65.4



#76

1,3,5-Trimethylbenzene

Concen: 18.13 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061413.D

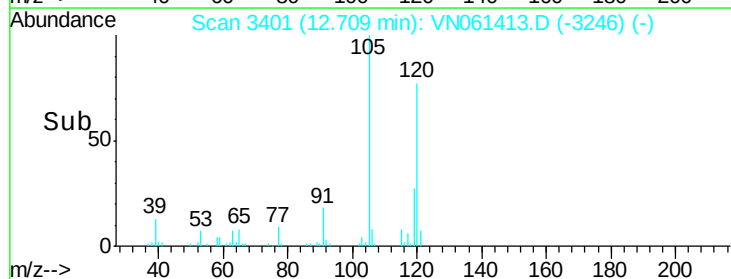
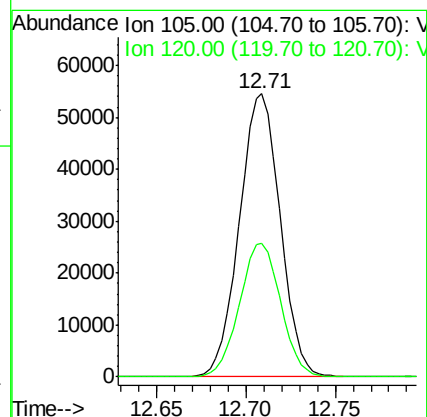
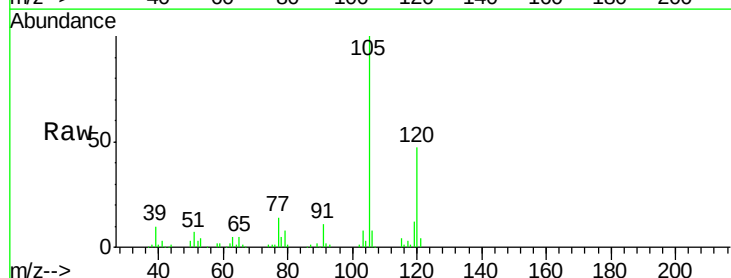
Acq: 15 May 2020 16:48

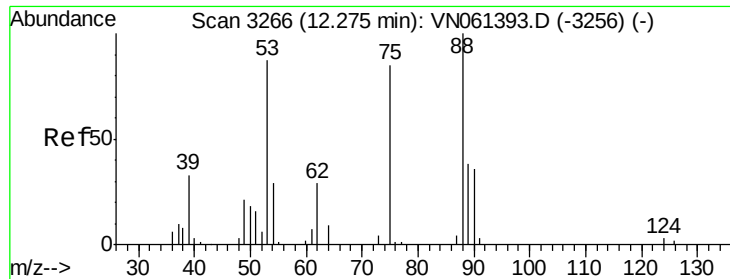
Tgt Ion: 105 Resp: 86916

Ion Ratio Lower Upper

105 100

120 47.5 0.0 94.0

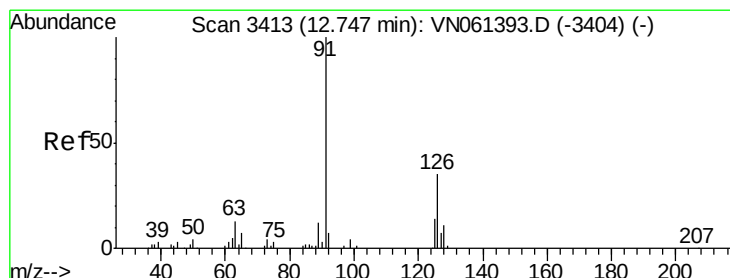
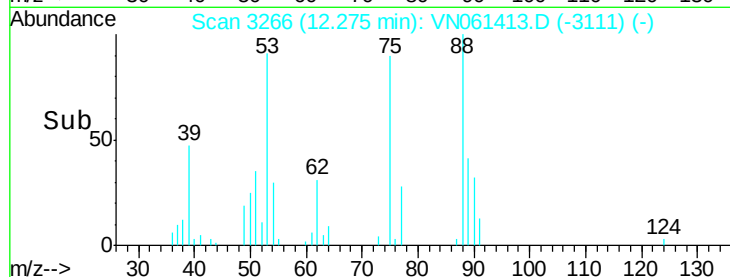
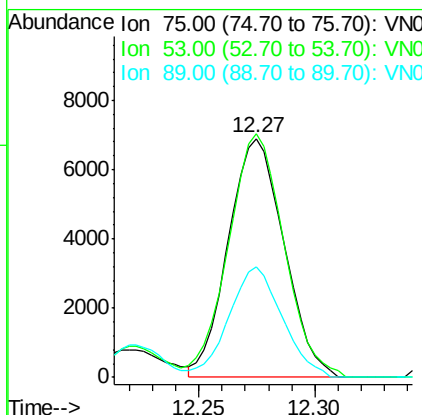
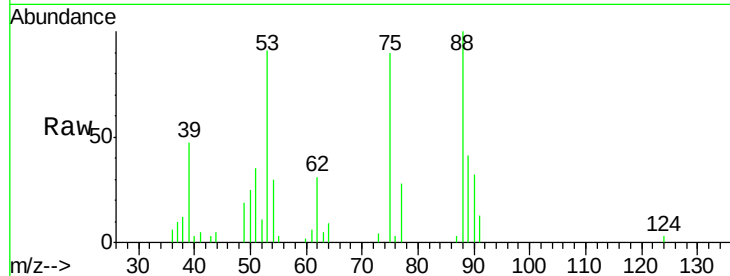




#77
t-1,4-Dichloro-2-butene
Concen: 18.40 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

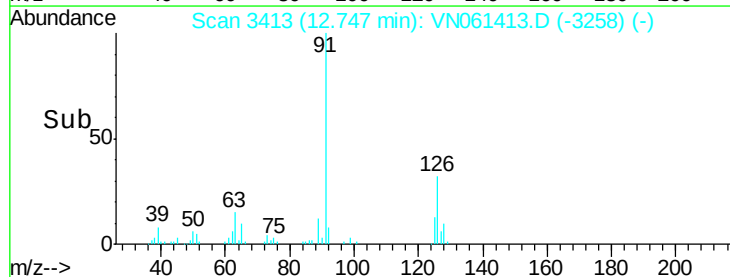
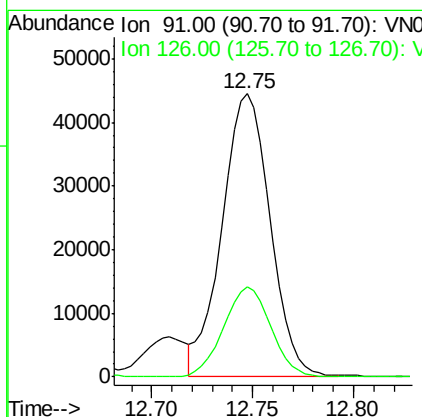
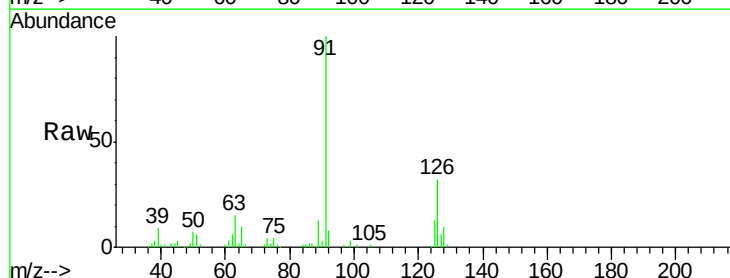
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

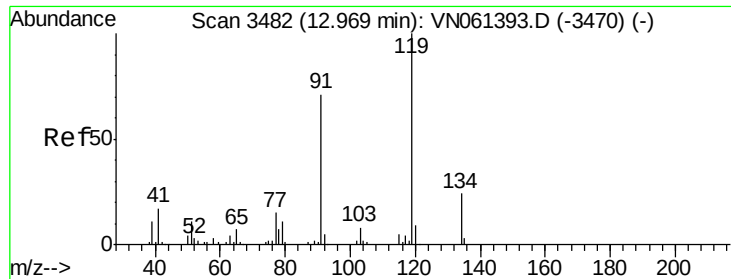
Tgt Ion: 75 Resp: 11529
Ion Ratio Lower Upper
75 100
53 99.1 50.0 150.0
89 46.1 20.7 62.1



#78
4-Chlorotoluene
Concen: 18.22 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

Tgt Ion: 91 Resp: 74316
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.4

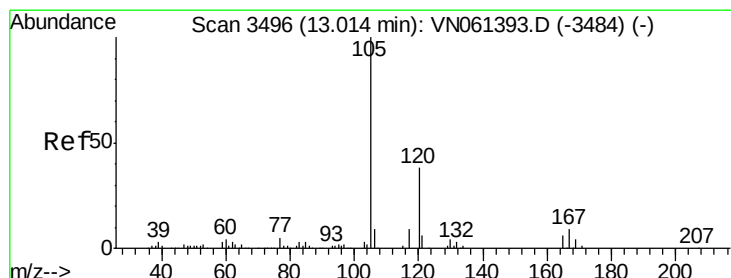
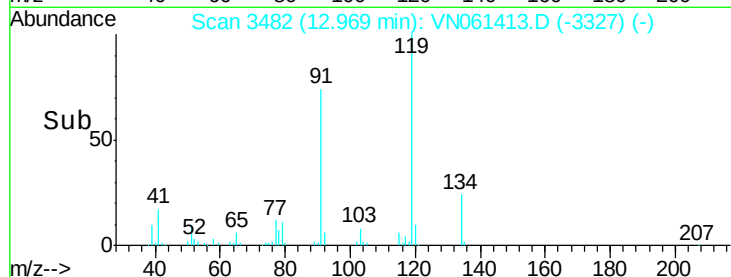
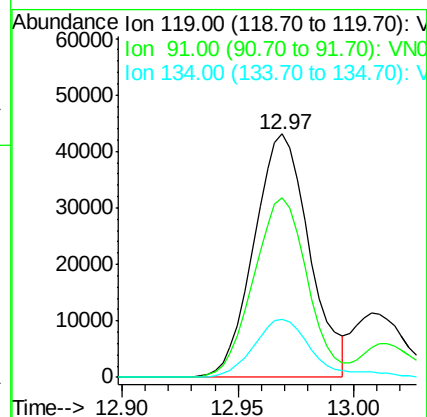
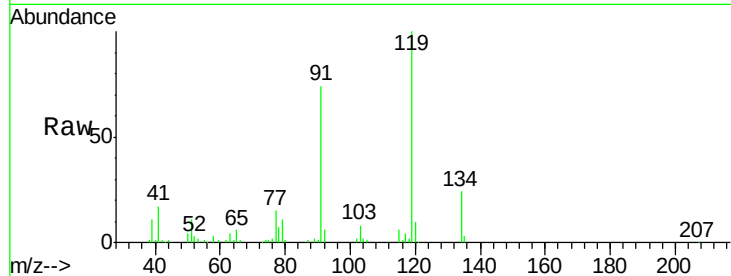




#79
 tert-butylbenzene
 Concen: 17.99 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

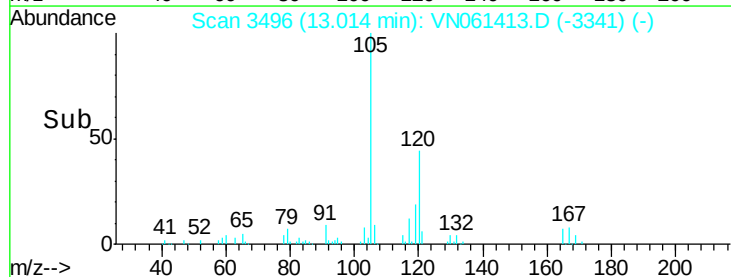
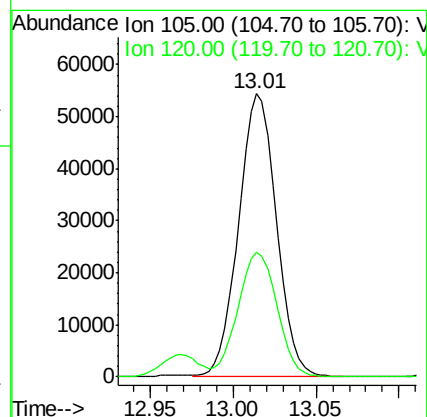
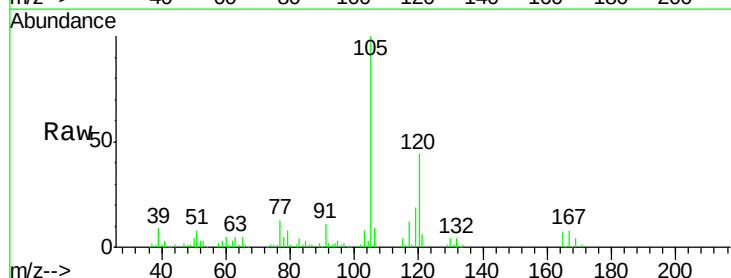
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

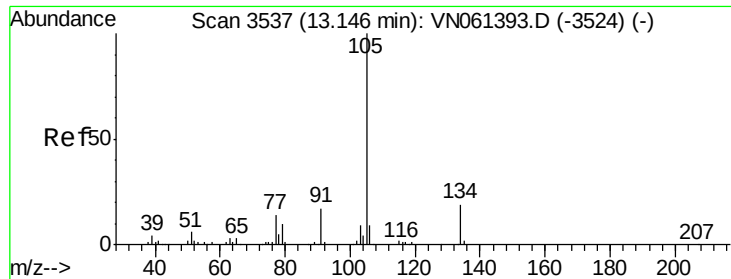
Tgt Ion:119 Resp: 71656
 Ion Ratio Lower Upper
 119 100
 91 72.1 0.0 136.4
 134 25.5 0.0 47.2



#80
 1,2,4-Trimethylbenzene
 Concen: 18.06 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion:105 Resp: 86440
 Ion Ratio Lower Upper
 105 100
 120 45.6 0.0 89.2

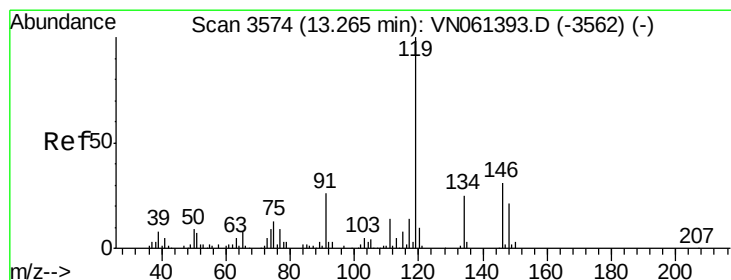
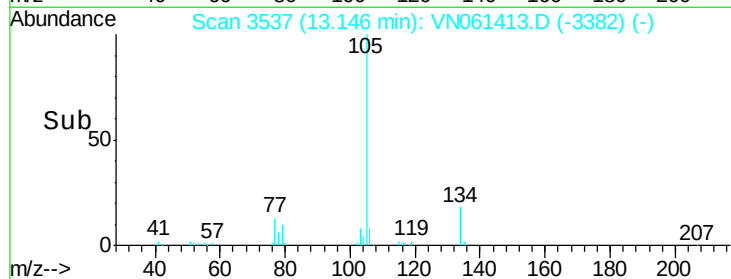
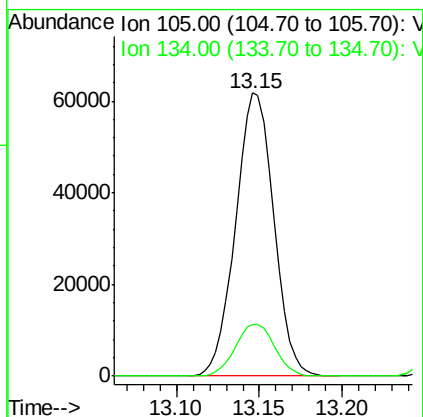
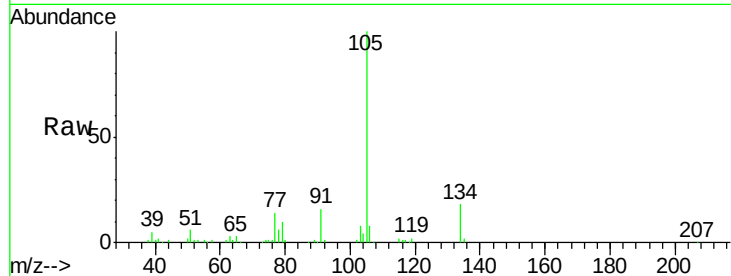




#81
 sec-Butylbenzene
 Concen: 18.03 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

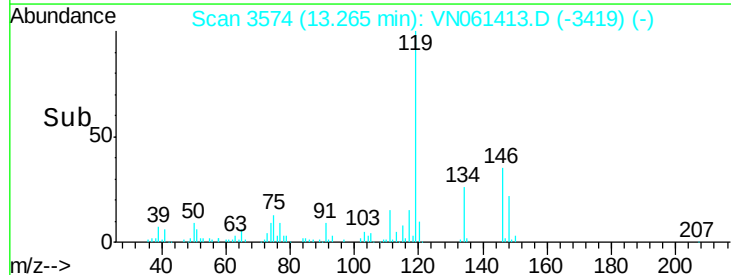
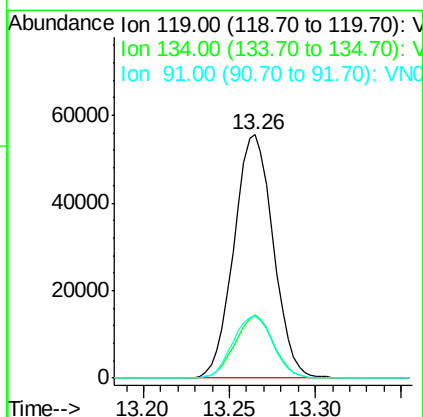
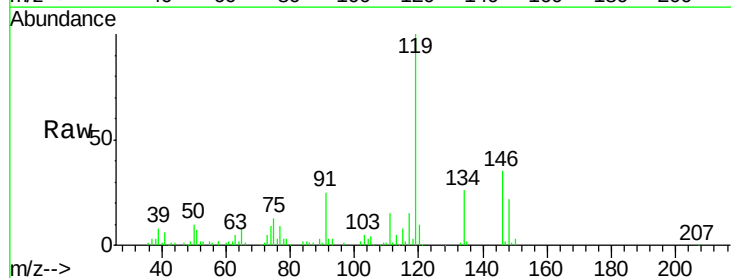
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

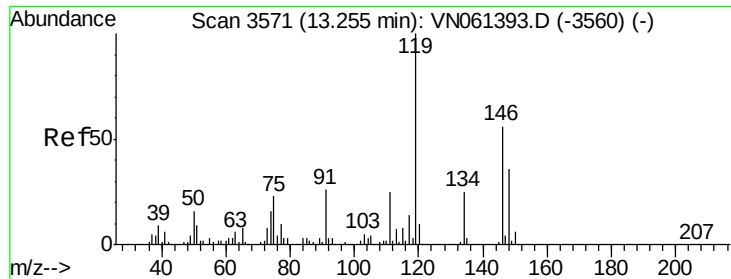
Tgt Ion:105 Resp: 98962
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 17.82 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion:119 Resp: 88070
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 50.8
 91 25.9 0.0 49.4

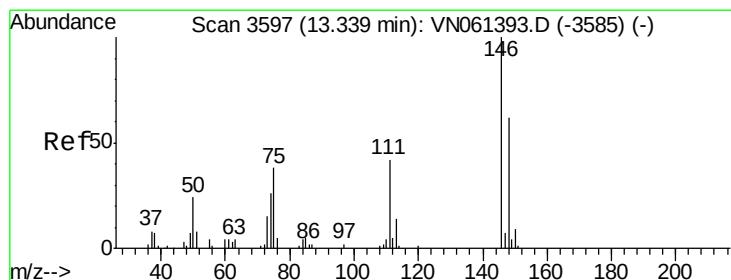
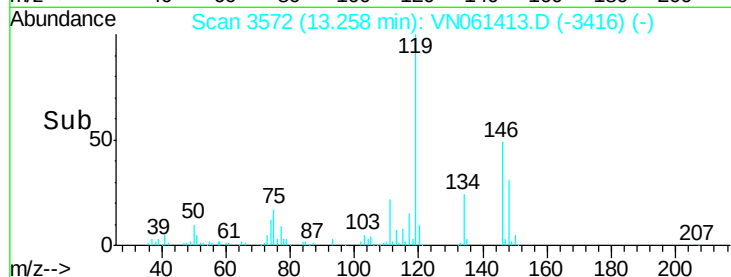
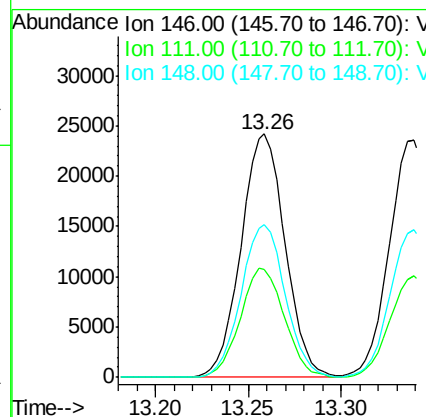
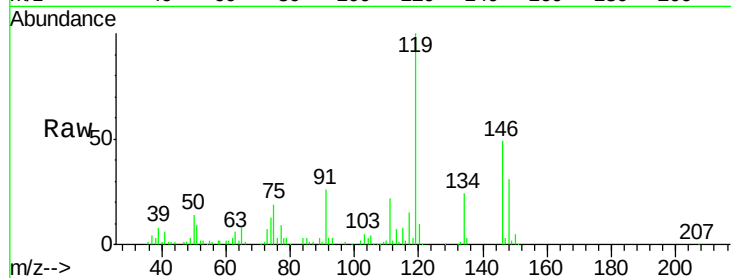




#83
 1,3-Dichlorobenzene
 Concen: 18.13 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

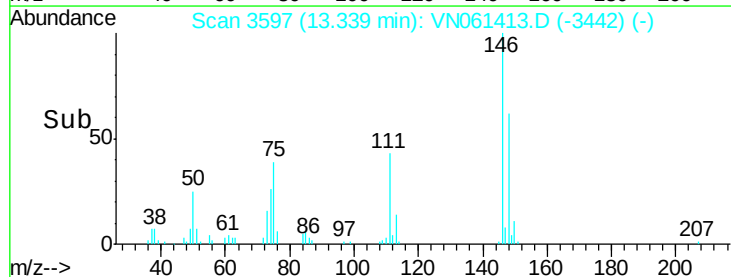
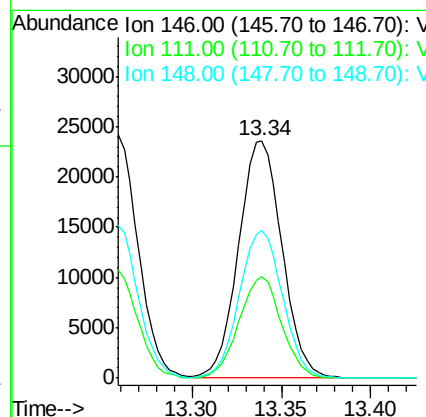
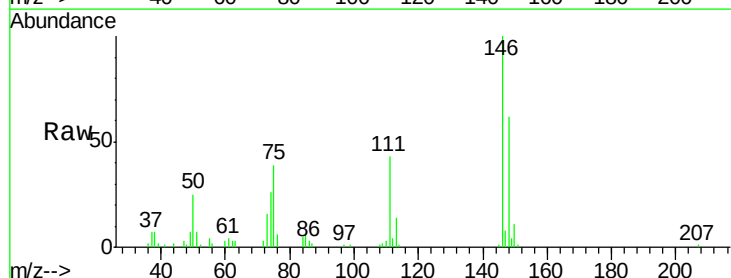
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

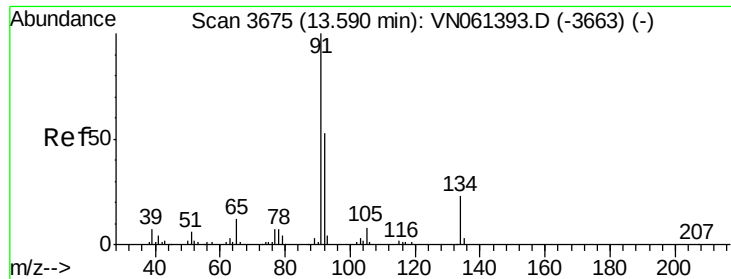
Tgt Ion:146 Resp: 40001
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.0 63.0
 148 62.7 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 18.40 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion:146 Resp: 40162
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.8 59.4
 148 61.9 31.6 94.8





#85

n-Butylbenzene

Concen: 17.49 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061413.D

Acq: 15 May 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

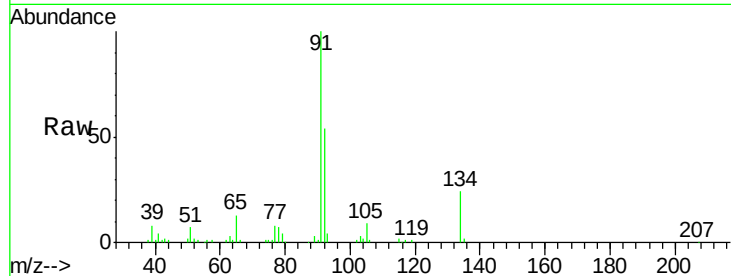
Tgt Ion: 91 Resp: 80011

Ion Ratio Lower Upper

91 100

92 53.9 0.0 102.8

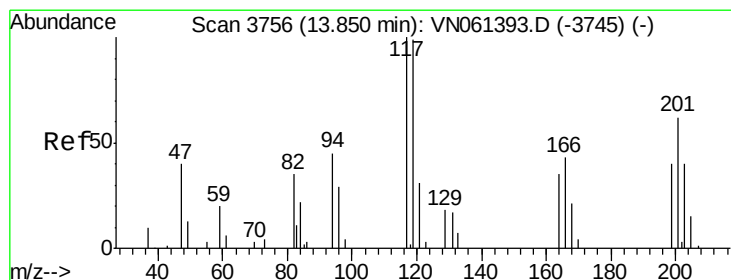
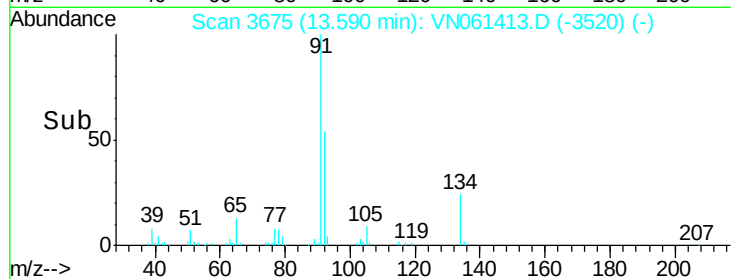
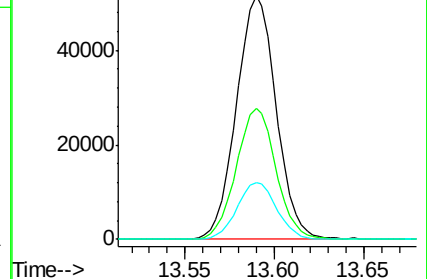
134 23.4 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN061413.D (-3520) (-)

Ion 92.00 (91.70 to 92.70): VN061413.D (-3520) (-)

Ion 134.00 (133.70 to 134.70): VN061413.D (-3520) (-)



#86

Hexachloroethane

Concen: 17.74 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061413.D

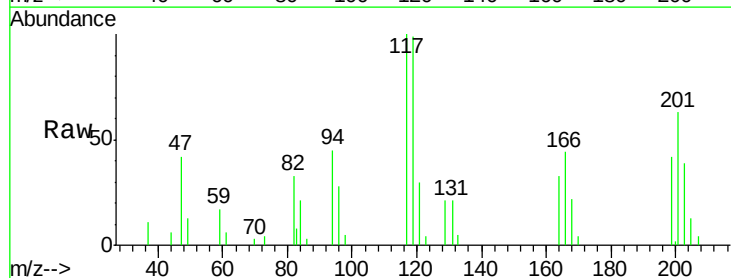
Acq: 15 May 2020 16:48

Tgt Ion: 117 Resp: 12223

Ion Ratio Lower Upper

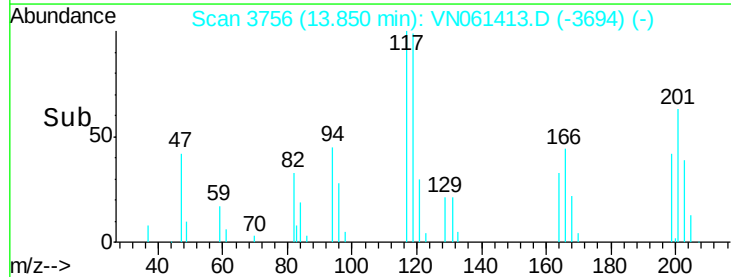
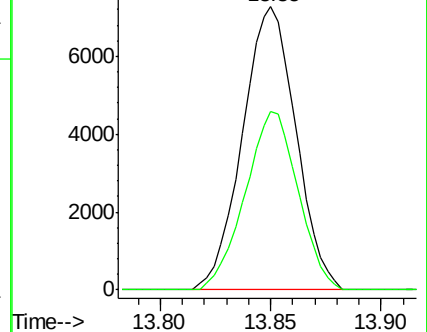
117 100

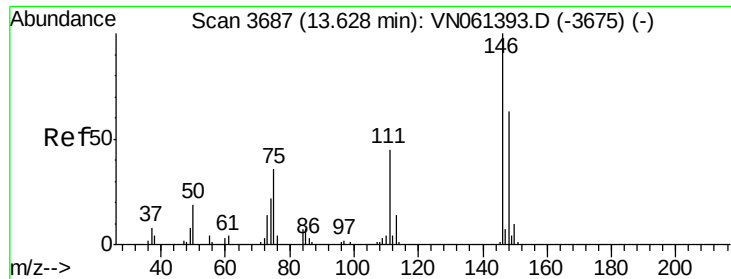
201 62.0 38.7 116.1



Abundance Ion 117.00 (116.70 to 117.70): VN061413.D (-3694) (-)

Ion 201.00 (200.70 to 201.70): VN061413.D (-3694) (-)

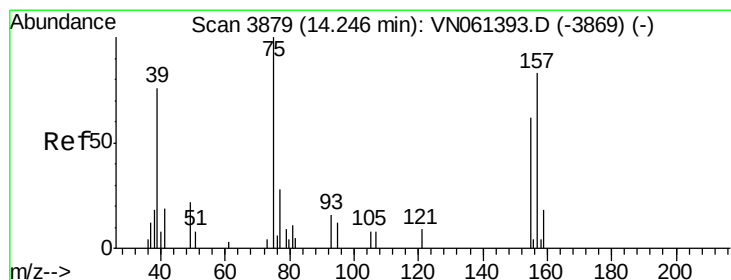
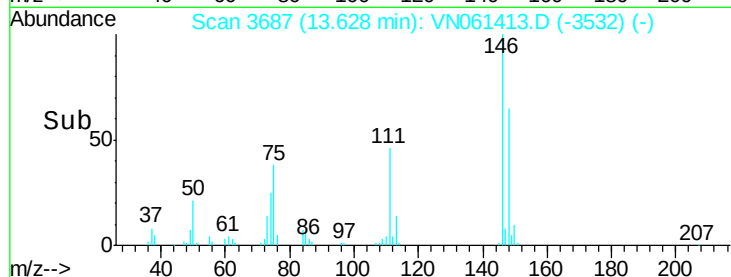
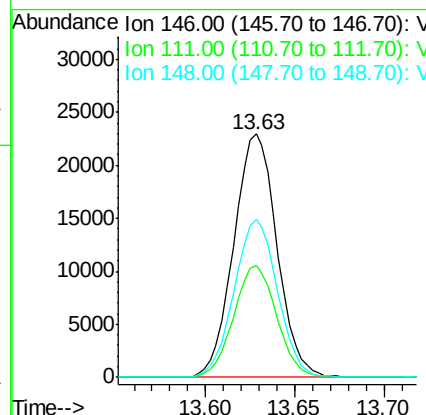
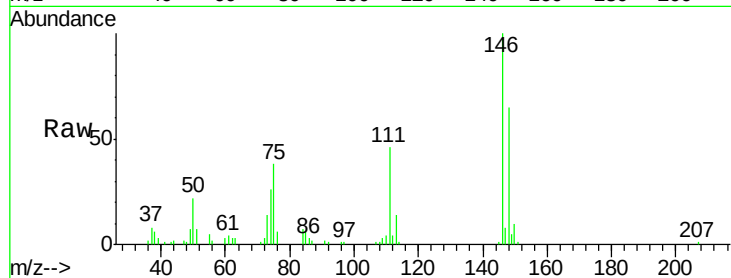




#87
 1,2-Dichlorobenzene
 Concen: 18.53 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

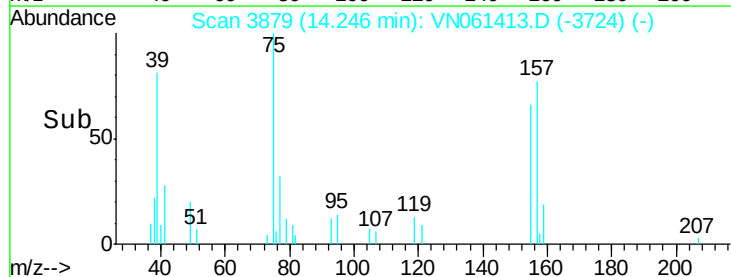
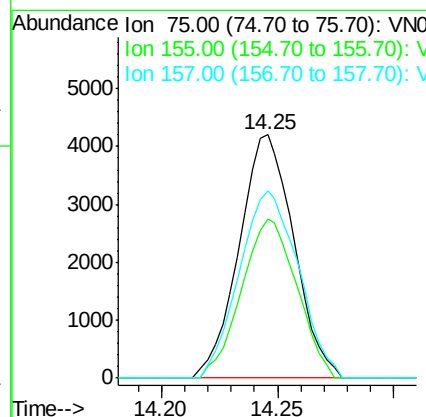
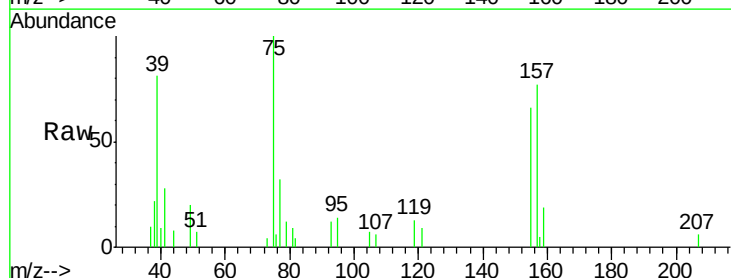
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

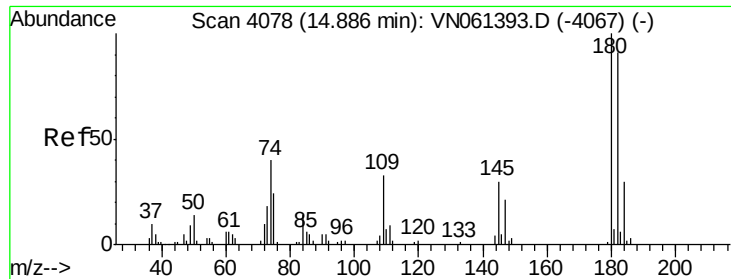
Tgt Ion:146 Resp: 38762
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.8 65.4
 148 65.2 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.48 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion: 75 Resp: 6890
 Ion Ratio Lower Upper
 75 100
 155 65.9 58.3 87.5
 157 82.7 75.0 112.6

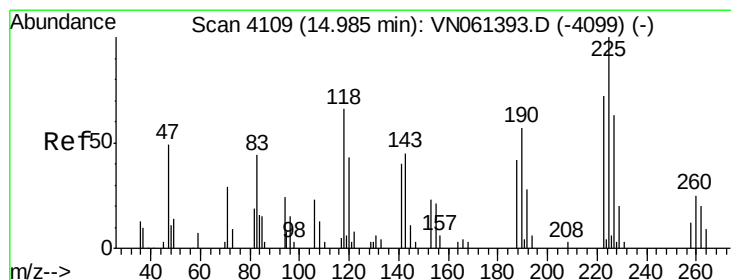
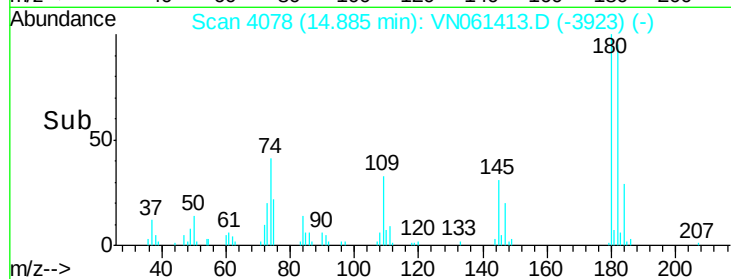
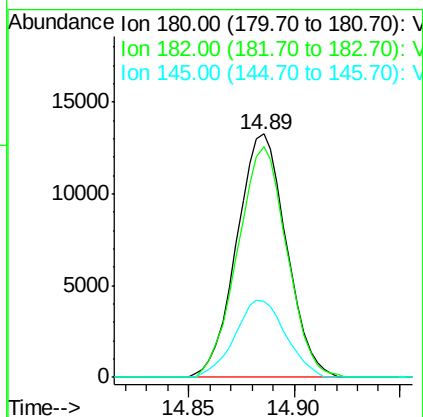
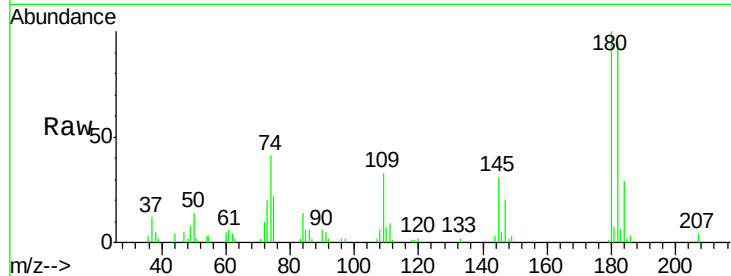




#89
 1,2,4-Trichlorobenzene
 Concen: 18.10 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

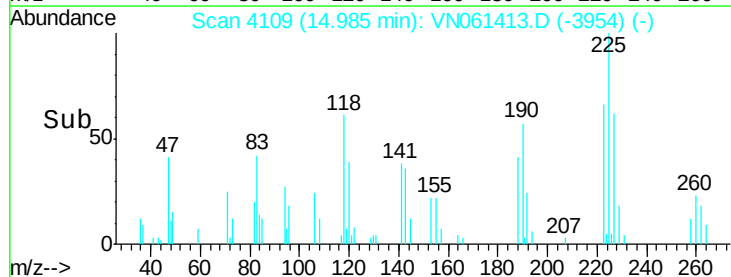
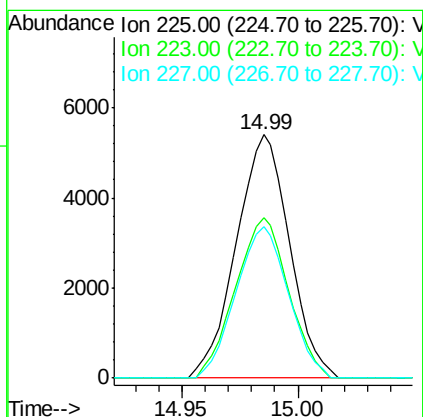
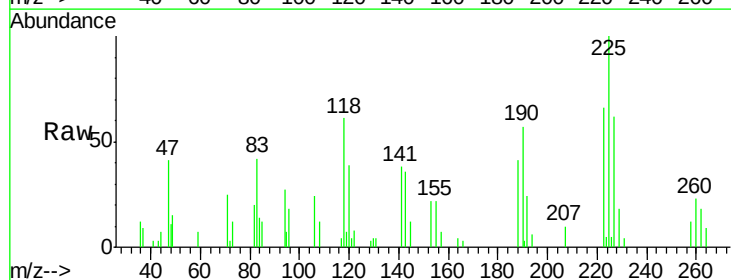
Instrument :
 MSVOA_N
 ClientSampled :
 VN0515WBSD01

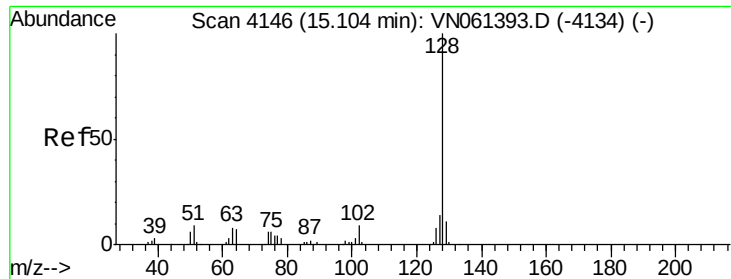
Tgt Ion:180 Resp: 21761
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.3 112.9
 145 32.3 24.8 37.2



#90
 Hexachlorobutadiene
 Concen: 17.60 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061413.D
 Acq: 15 May 2020 16:48

Tgt Ion:225 Resp: 8617
 Ion Ratio Lower Upper
 225 100
 223 65.6 0.0 126.2
 227 61.3 0.0 127.0

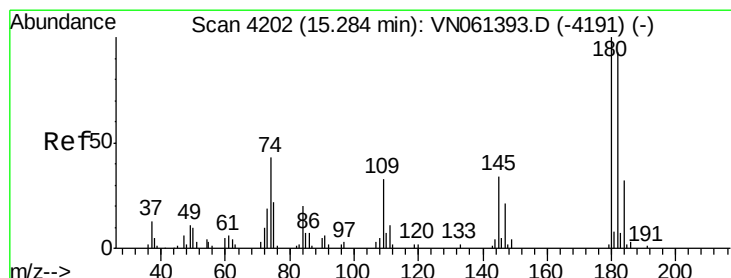
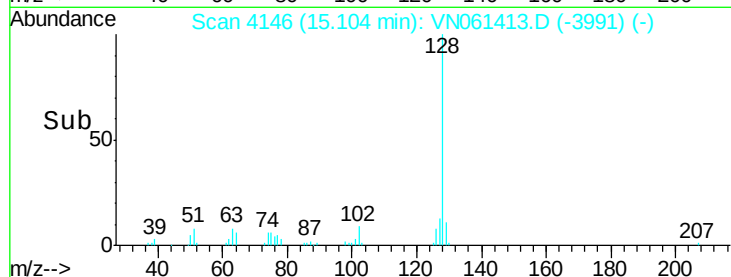
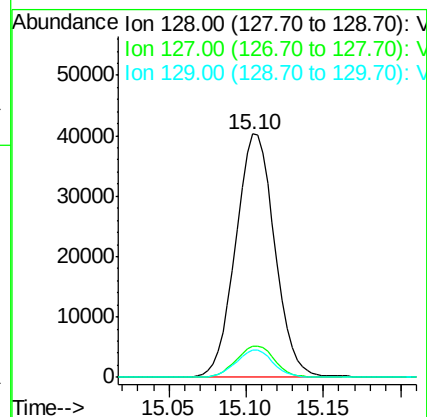
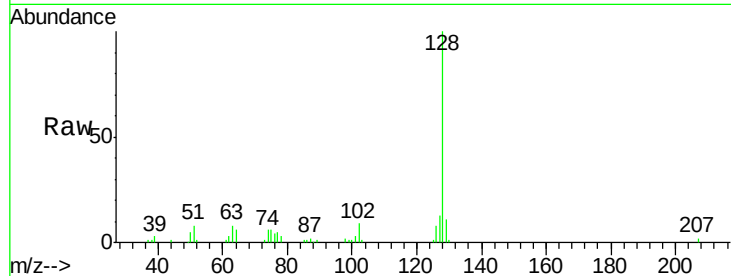




#91
Naphthalene
Concen: 18.71 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

Instrument :
MSVOA_N
ClientSampled :
VN0515WBSD01

Tgt Ion:128 Resp: 70752
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.7 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.40 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061413.D
Acq: 15 May 2020 16:48

Tgt Ion:180 Resp: 21486
Ion Ratio Lower Upper
180 100
182 94.3 0.0 193.4
145 33.7 0.0 65.8

