

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061453.D
 Acq On : 19 May 2020 1:44
 Operator : JC/MD
 Sample : VN0518WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

Quant Time: May 19 03:35:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	254640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	469878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	188280	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.54	113	129598	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.06	98	553014	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.37	95	209084	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	36155	17.076	ug/l	96
3) Chloromethane	2.03	50	60669	17.568	ug/l	97
4) Vinyl Chloride	2.16	62	89121	18.032	ug/l	99
5) Bromomethane	2.54	94	52579	18.525	ug/l	100
6) Chloroethane	2.67	64	61232	18.407	ug/l	100
7) Trichlorofluoromethane	2.98	101	108970	18.160	ug/l	100
8) Diethyl Ether	3.37	74	32273	18.465	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45238	18.130	ug/l	99
10) Methyl Iodide	3.91	142	58588	19.331	ug/l	98
11) Tert butyl alcohol	4.72	59	39702	90.666	ug/l	97
12) 1,1-Dichloroethene	3.70	96	47207	18.086	ug/l	95
13) Acrolein	3.56	56	24641	64.576	ug/l	94
14) Allyl chloride	4.27	41	76302	17.963	ug/l	98
15) Acrylonitrile	4.92	53	120601	92.961	ug/l	97
16) Acetone	3.77	43	88304	83.190	ug/l	100
17) Carbon Disulfide	4.01	76	129298	21.247	ug/l	99
18) Methyl Acetate	4.27	43	47479	17.522	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	186057	18.784	ug/l	99
20) Methylene Chloride	4.50	84	57904	18.539	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	55418	18.413	ug/l	93
22) Diisopropyl ether	5.90	45	177863	18.633	ug/l	95
23) Vinyl Acetate	5.84	43	716284	94.365	ug/l	99
24) 1,1-Dichloroethane	5.79	63	105025	18.864	ug/l	100
25) 2-Butanone	6.78	43	151531	87.573	ug/l	99
26) 2,2-Dichloropropane	6.77	77	83480	15.729	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67658	19.031	ug/l	97
28) Bromochloromethane	7.15	49	52331	22.144	ug/l	99
29) Tetrahydrofuran	7.16	42	103344	90.181	ug/l	99
30) Chloroform	7.33	83	114215	19.641	ug/l	96
31) Cyclohexane	7.61	56	91295	16.644	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	99999	18.819	ug/l	97
36) 1,1-Dichloropropene	7.75	75	82117	18.690	ug/l	100
37) Ethyl Acetate	6.88	43	68681	17.237	ug/l	98
38) Carbon Tetrachloride	7.73	117	73163	18.085	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	88133	16.423	ug/l	98
40) Benzene	8.00	78	249804	18.867	ug/l	99
41) Methacrylonitrile	7.12	41	34597	20.558	ug/l	92
42) 1,2-Dichloroethane	8.08	62	92408	19.371	ug/l	99
43) Isopropyl Acetate	8.12	43	129004	18.563	ug/l #	91
44) Trichloroethene	8.80	130	66930	19.292	ug/l	99
45) 1,2-Dichloropropane	9.08	63	63322	19.107	ug/l	99
46) Dibromomethane	9.17	93	45148	19.433	ug/l	98
47) Bromodichloromethane	9.37	83	91837	18.761	ug/l	99
48) Methyl methacrylate	9.16	41	56013	17.448	ug/l	97
49) 1,4-Dioxane	9.17	88	13269	369.179	ug/l #	94
51) 4-Methyl-2-Pentanone	9.95	43	350318	92.536	ug/l	98
52) Toluene	10.12	92	161754	19.029	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	98354	18.332	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	106841	18.733	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	63548	19.774	ug/l	97
56) Ethyl methacrylate	10.40	69	94138	18.736	ug/l	99
57) 1,3-Dichloropropane	10.68	76	108225	19.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	198804	90.145	ug/l	97
59) 2-Hexanone	10.72	43	243558	88.924	ug/l	99
60) Dibromochloromethane	10.87	129	68233	19.194	ug/l	97
61) 1,2-Dibromoethane	10.98	107	63527	18.800	ug/l	97
64) Tetrachloroethene	10.60	164	60965	17.734	ug/l	98
65) Chlorobenzene	11.41	112	168042	18.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60117	18.506	ug/l	99
67) Ethyl Benzene	11.48	91	306556	18.534	ug/l	98
68) m/p-Xylenes	11.59	106	231100	36.810	ug/l	100
69) o-Xylene	11.92	106	112659	18.543	ug/l	98
70) Styrene	11.94	104	188084	18.695	ug/l	100
71) Bromoform	12.10	173	41126	17.643	ug/l #	100
73) Isopropylbenzene	12.22	105	289526	18.070	ug/l	99
74) N-amyl acetate	12.04	43	103732	17.687	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81161	18.411	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	107947	25.206	ug/l #	100
77) Bromobenzene	12.50	156	66562	19.142	ug/l	100
78) n-propylbenzene	12.56	91	329907	18.071	ug/l	100
79) 2-Chlorotoluene	12.65	91	200780	18.606	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	238105	18.149	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25866	16.022	ug/l	96
82) 4-Chlorotoluene	12.75	91	208395	18.651	ug/l	99
83) tert-Butylbenzene	12.97	119	195667	17.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	238390	18.157	ug/l	99
85) sec-Butylbenzene	13.15	105	257137	16.922	ug/l	100
86) p-Isopropyltoluene	13.26	119	229745	17.026	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	120631	18.955	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	119913	18.815	ug/l	98
89) n-Butylbenzene	13.59	91	199982	16.313	ug/l	99
90) Hexachloroethane	13.85	117	31509	17.230	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	115629	18.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16494	18.523	ug/l	97

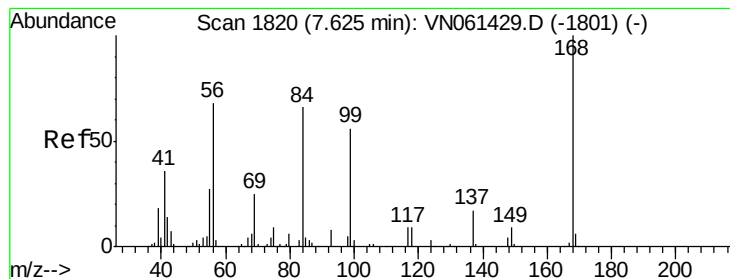
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	59532	17.985	ug/l	99
94) Hexachlorobutadiene	14.98	225	22957	15.610	ug/l	98
95) Naphthalene	15.10	128	199574	18.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	60002	18.209	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

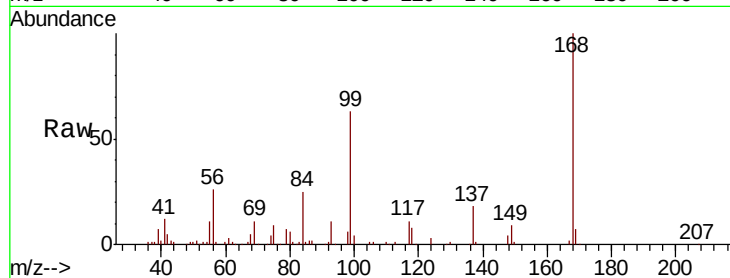
VN0518WBS02

Tot Ion:168 Resp: 254640

Ion Ratio Lower Upper

168 100

99 62.5 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

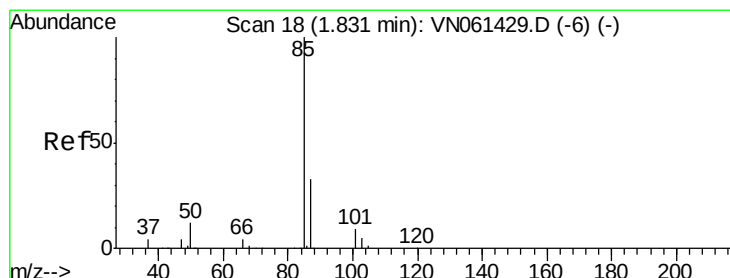
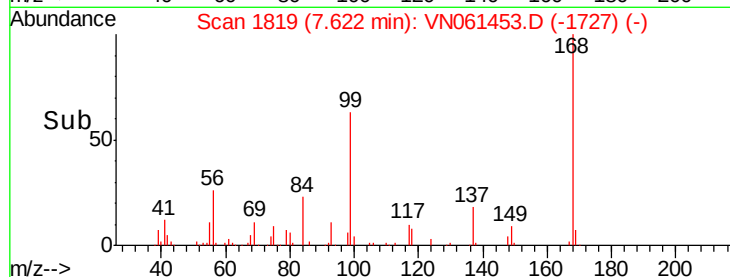
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.076 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061453.D

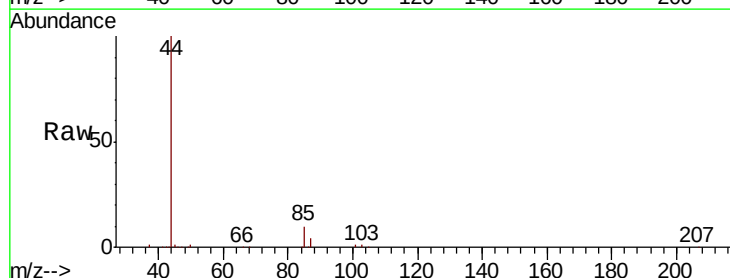
Acq: 19 May 2020 1:44

Tgt Ion: 85 Resp: 36155

Ion Ratio Lower Upper

85 100

87 34.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

25000

20000

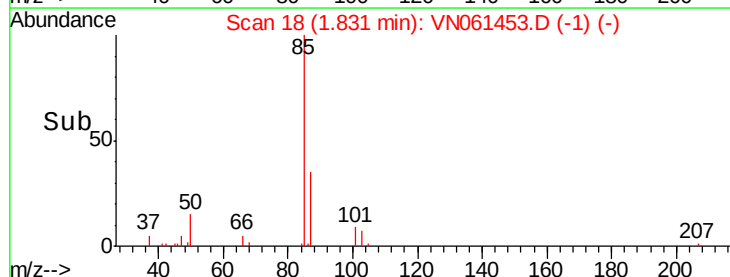
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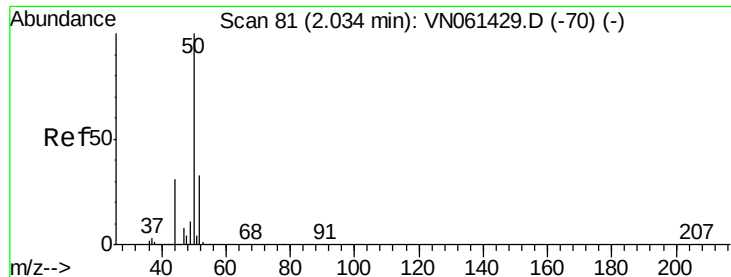
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.568 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampled :

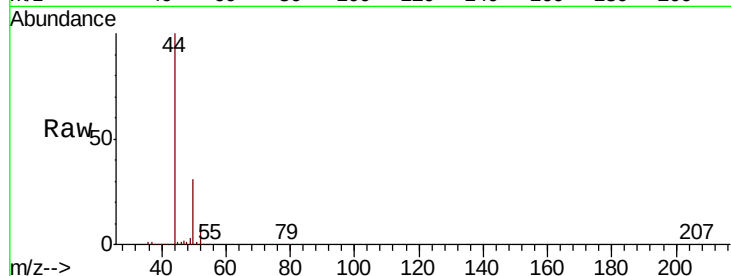
VN0518WBS02

Tot Ion: 50 Resp: 60669

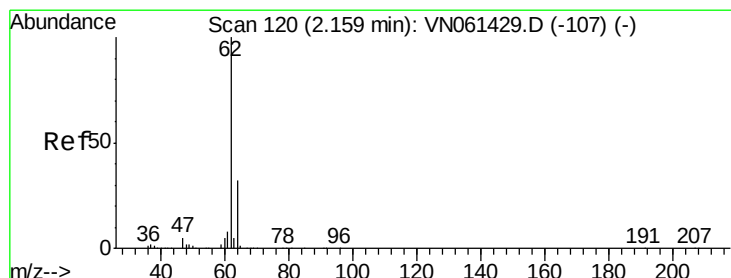
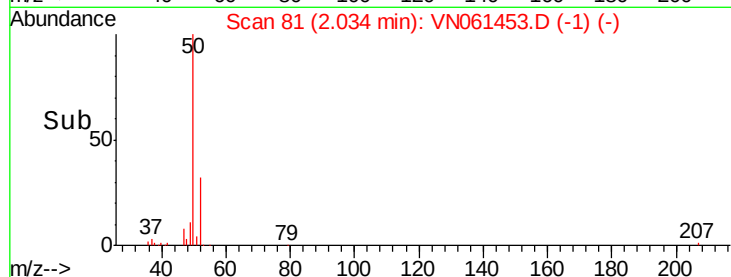
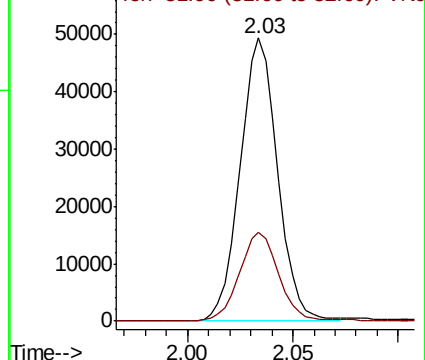
Ion Ratio Lower Upper

50 100

52 31.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.032 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061453.D

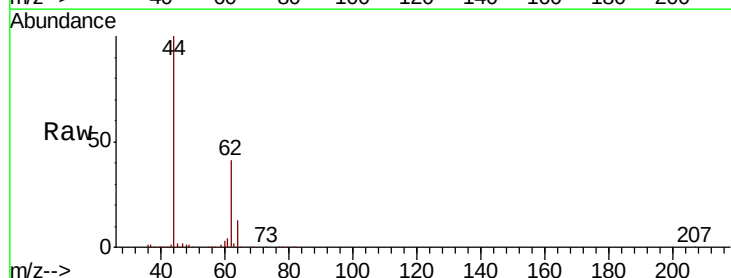
Acq: 19 May 2020 1:44

Tgt Ion: 62 Resp: 89121

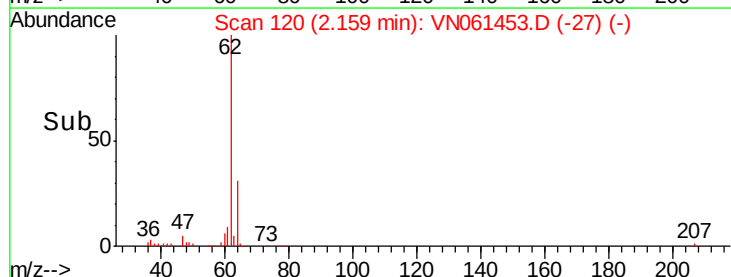
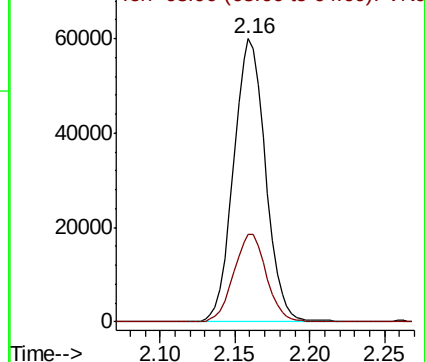
Ion Ratio Lower Upper

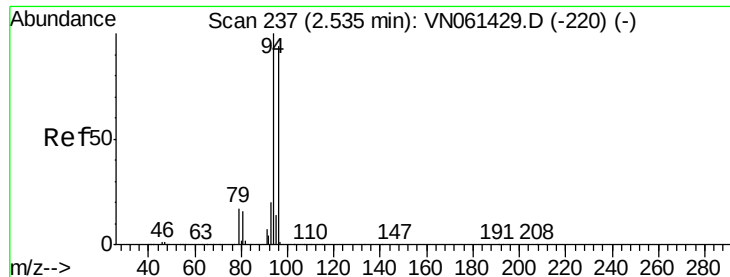
62 100

64 31.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 18.525 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

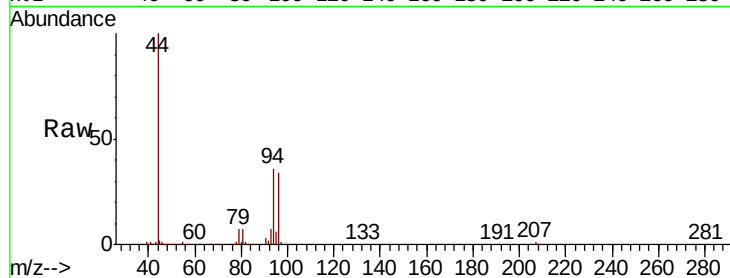
VN0518WBS02

Tot Ion: 94 Resp: 52579

Ion Ratio Lower Upper

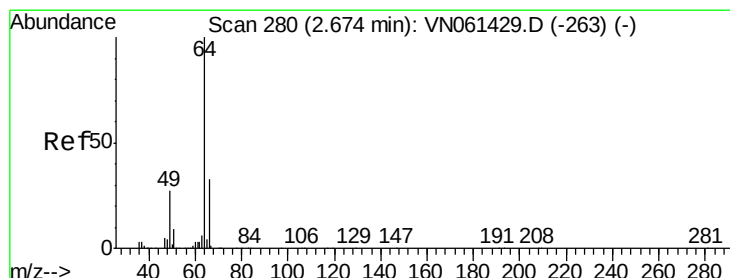
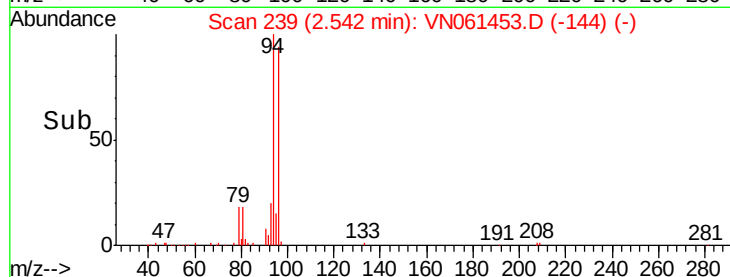
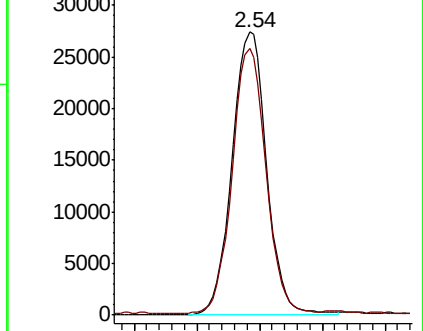
94 100

96 93.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.407 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN061453.D

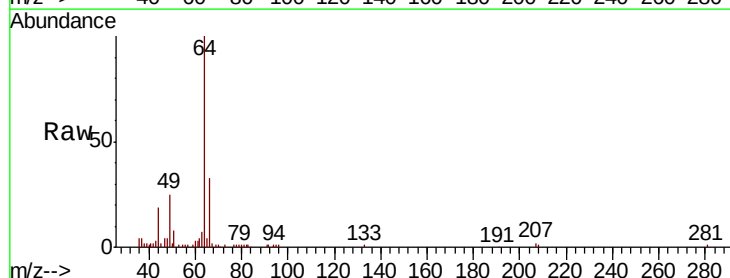
Acq: 19 May 2020 1:44

Tgt Ion: 64 Resp: 61232

Ion Ratio Lower Upper

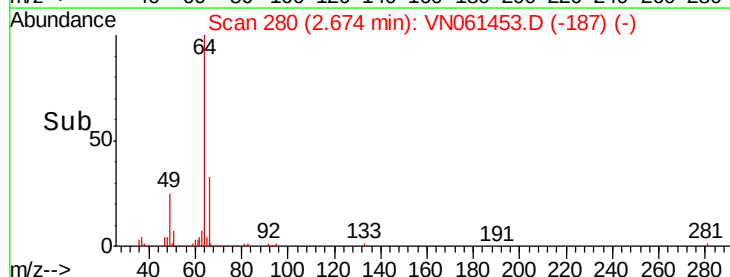
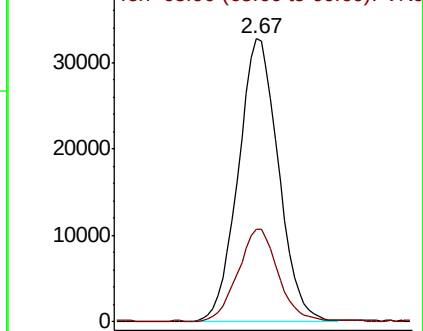
64 100

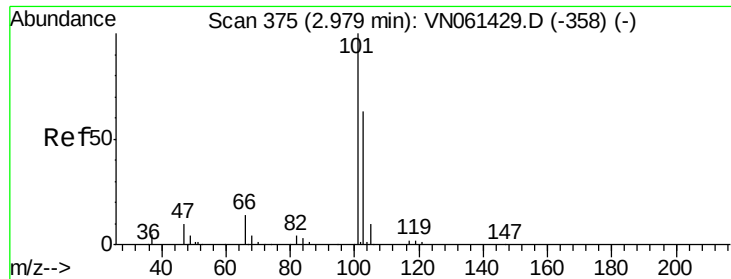
66 32.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



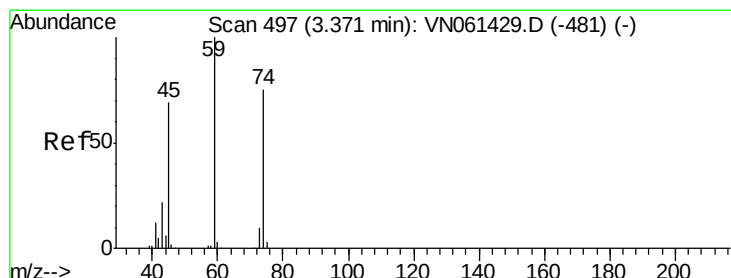
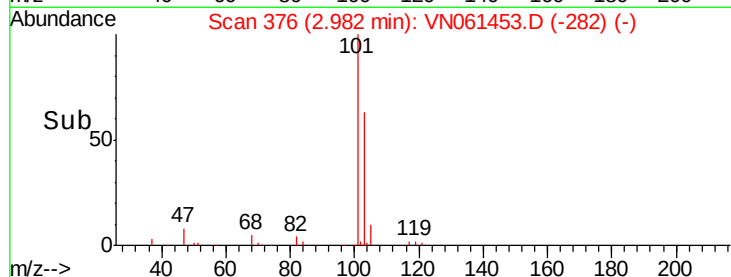
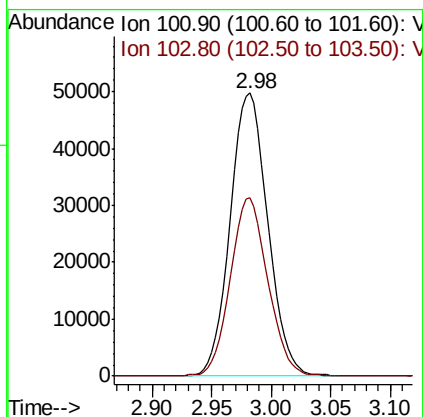
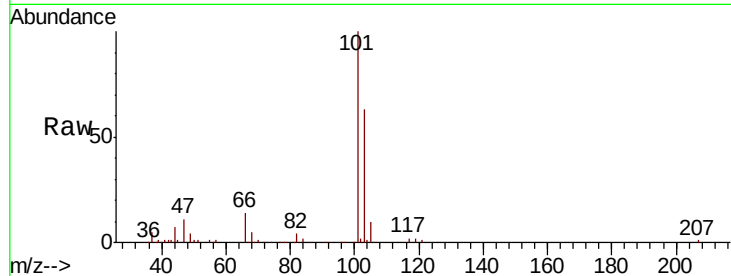


#7

Trichlorofluoromethane
 Concen: 18.160 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0518WBS02

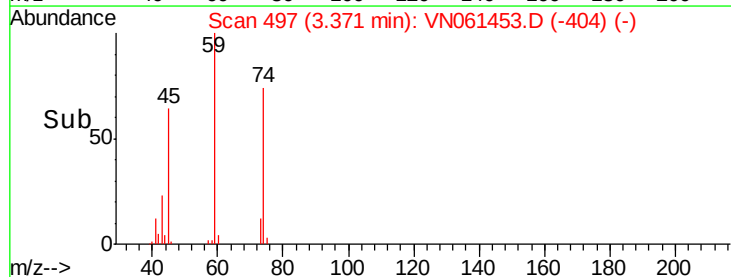
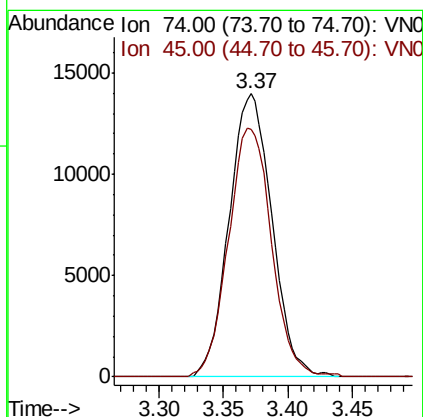
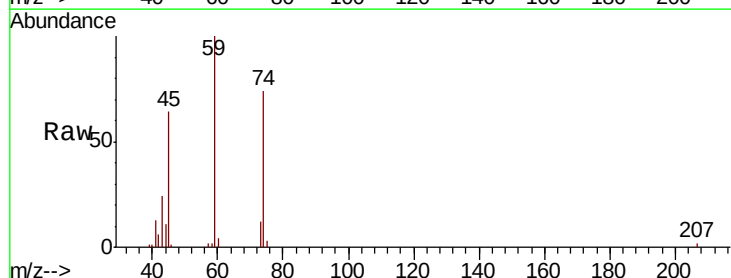
Tot Ion:101 Resp: 108970
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.2 75.4

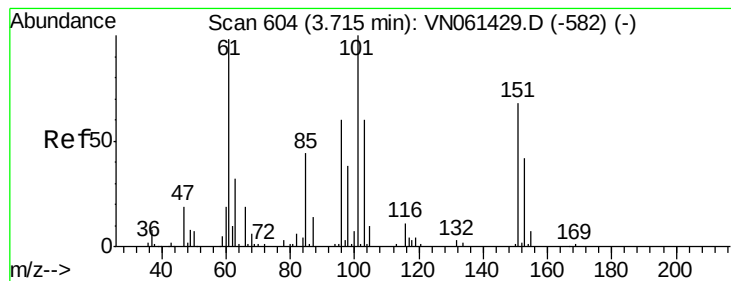


#8

Diethyl Ether
 Concen: 18.465 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion: 74 Resp: 32273
 Ion Ratio Lower Upper
 74 100
 45 88.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.130 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

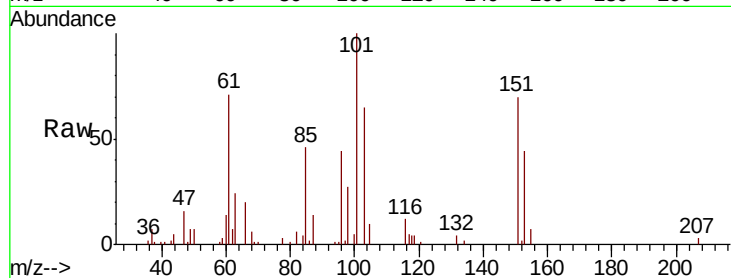
Tot Ion:101 Resp: 45238

Ion Ratio Lower Upper

101 100

85 47.4 36.6 55.0

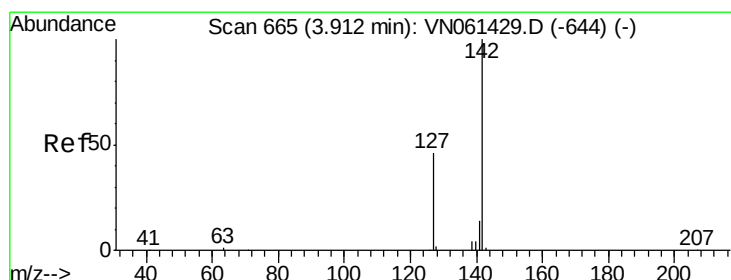
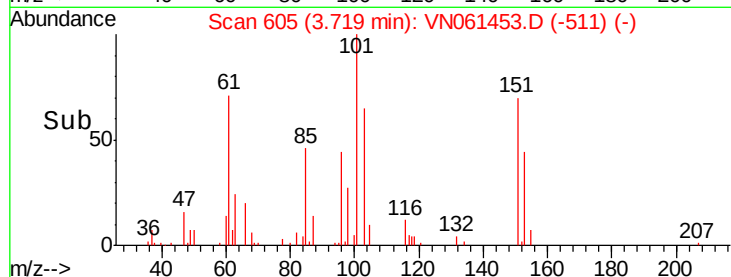
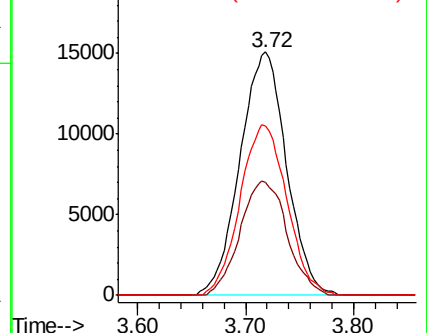
151 70.6 56.3 84.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.331 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

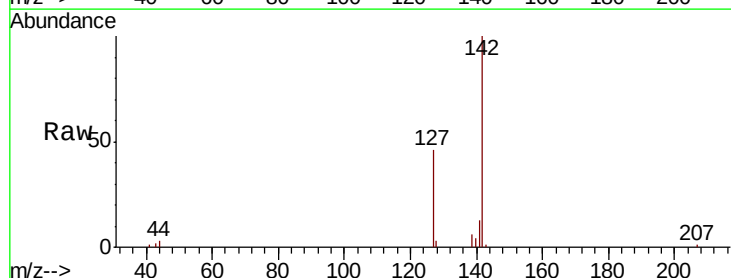
Tgt Ion:142 Resp: 58588

Ion Ratio Lower Upper

142 100

127 44.8 36.7 55.1

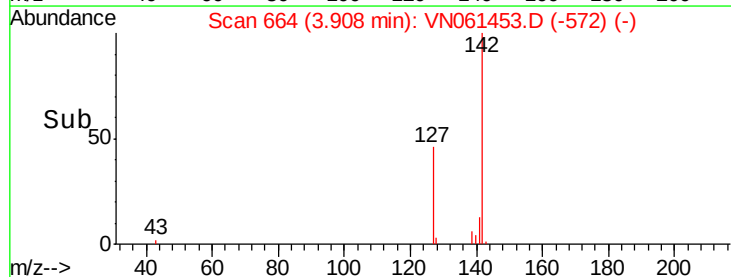
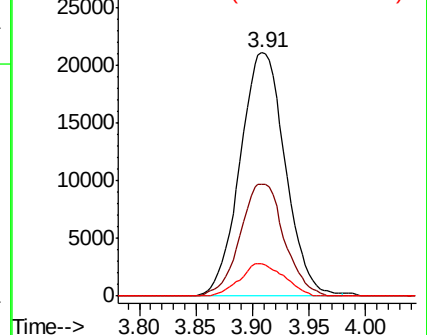
141 13.0 11.5 17.3

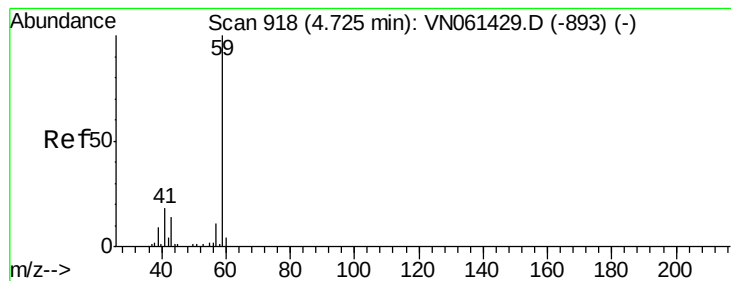


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



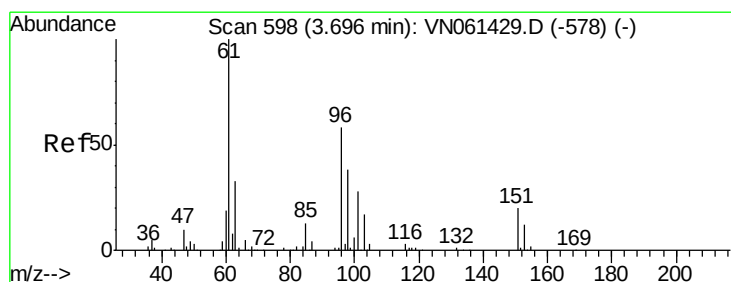
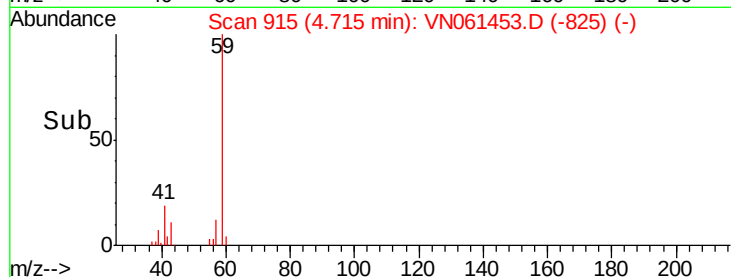
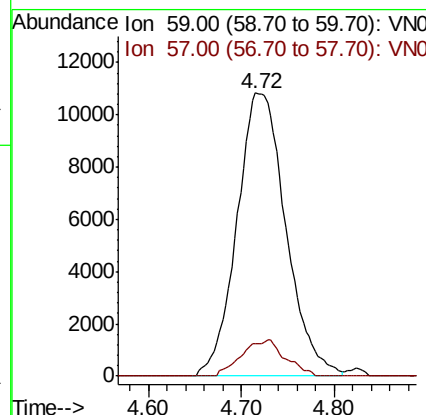
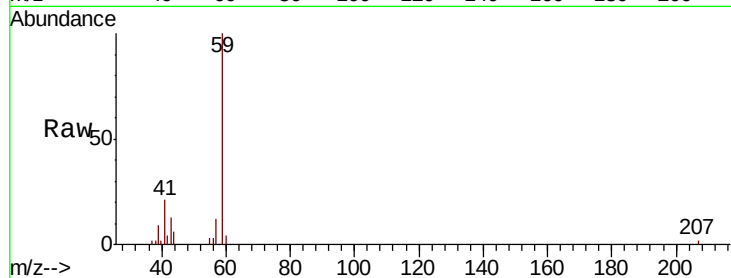


#11

Tert butyl alcohol
 Concen: 90.666 ug/l
 RT: 4.72 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

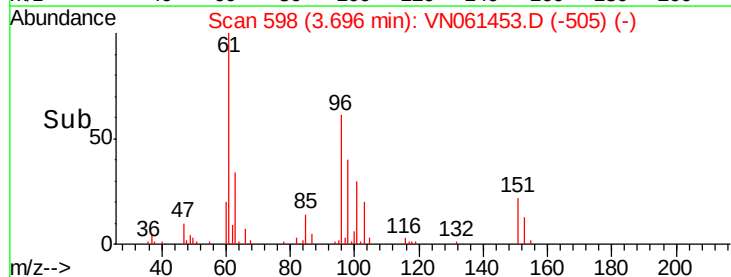
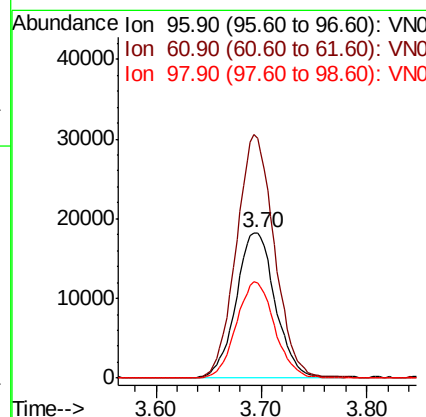
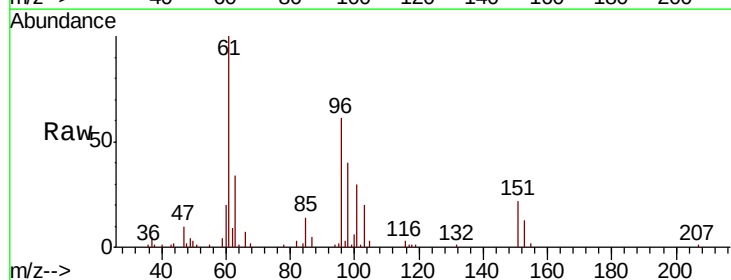
Tot Ion: 59 Resp: 39702
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.2 12.2

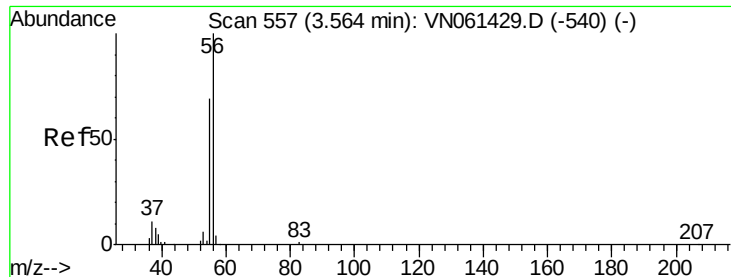


#12

1,1-Dichloroethene
 Concen: 18.086 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion: 96 Resp: 47207
 Ion Ratio Lower Upper
 96 100
 61 164.9 138.7 208.1
 98 65.6 53.0 79.6





#13

Acrolein

Concen: 64.576 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

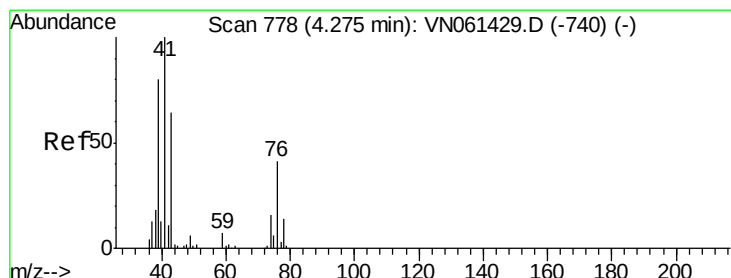
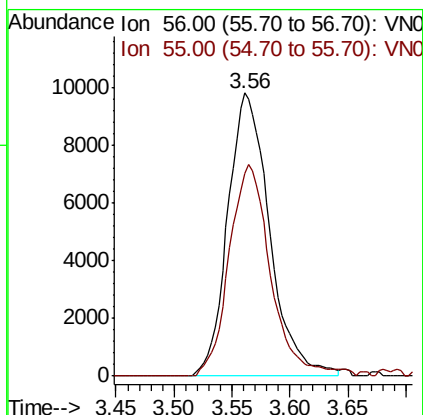
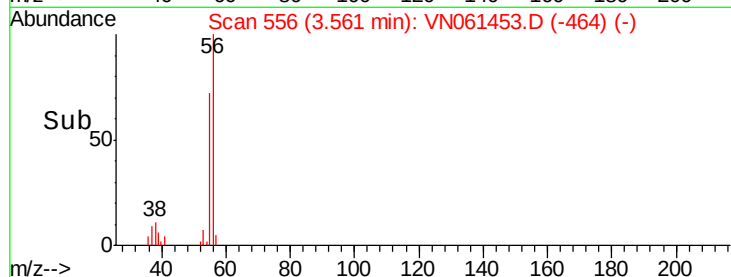
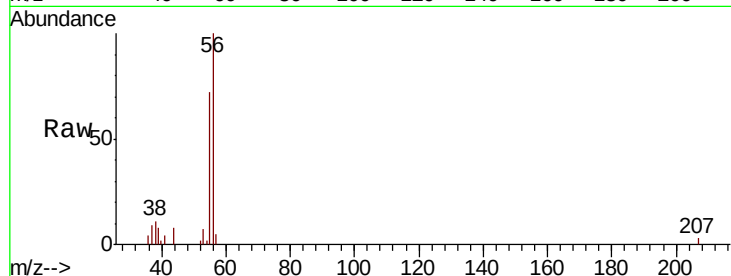
VN0518WBS02

Tot Ion: 56 Resp: 24641

Ion Ratio Lower Upper

56 100

55 73.3 54.8 82.2



#14

Allyl chloride

Concen: 17.963 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

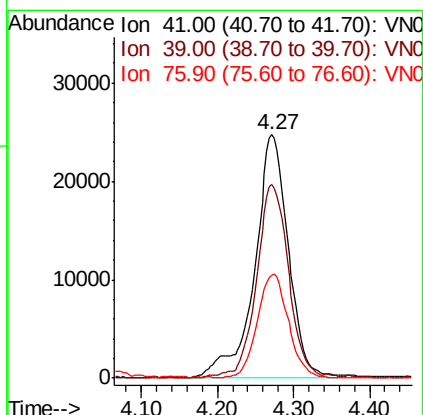
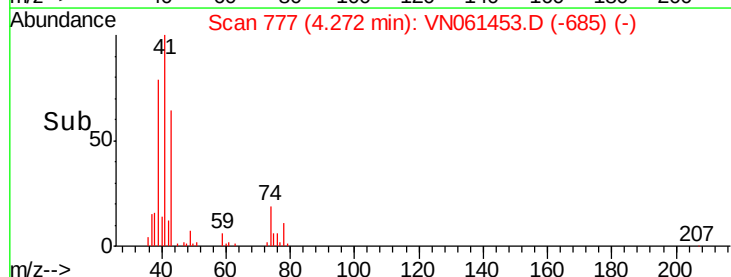
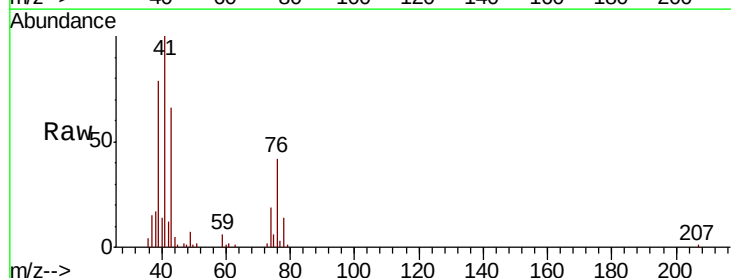
Tgt Ion: 41 Resp: 76302

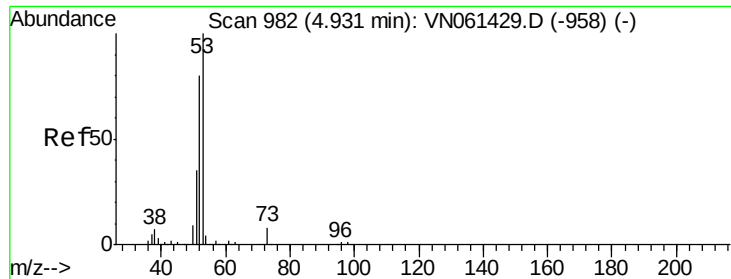
Ion Ratio Lower Upper

41 100

39 75.6 61.2 91.8

76 39.5 29.9 44.9





#15

Acrylonitrile

Concen: 92.961 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

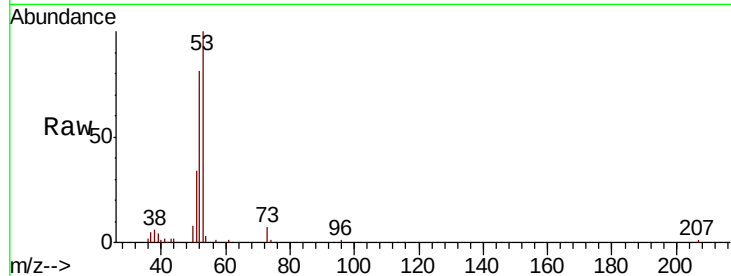
Tot Ion: 53 Resp: 120601

Ion Ratio Lower Upper

53 100

52 78.3 64.7 97.1

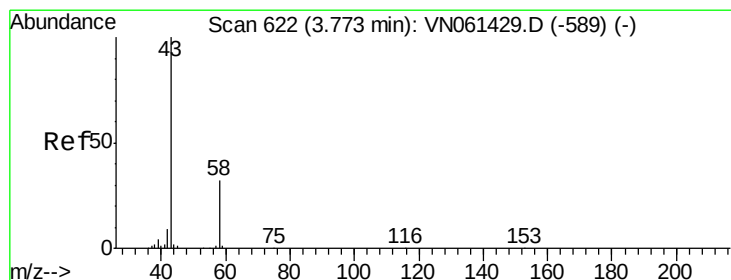
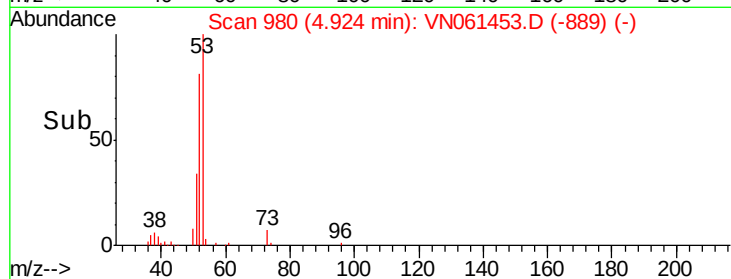
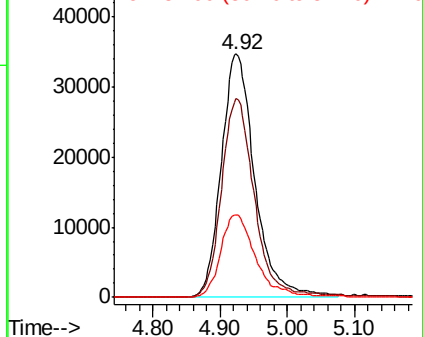
51 35.0 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 83.190 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061453.D

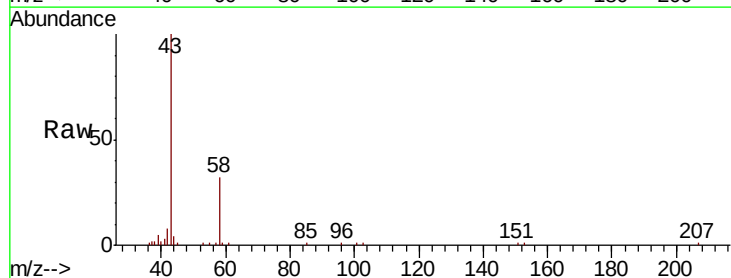
Acq: 19 May 2020 1:44

Tgt Ion: 43 Resp: 88304

Ion Ratio Lower Upper

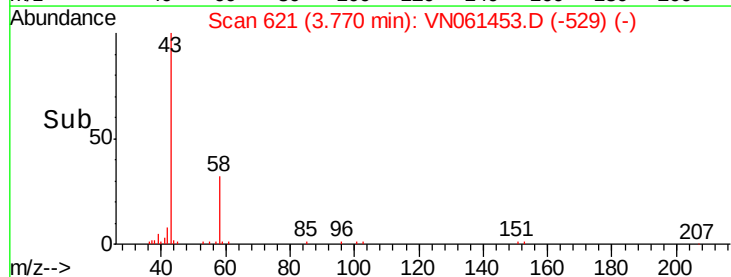
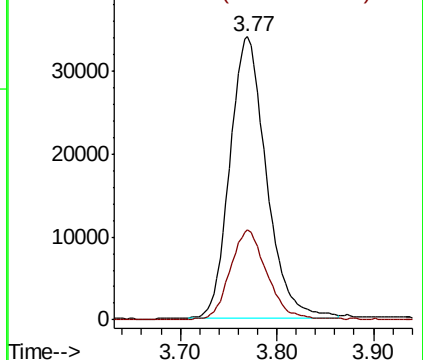
43 100

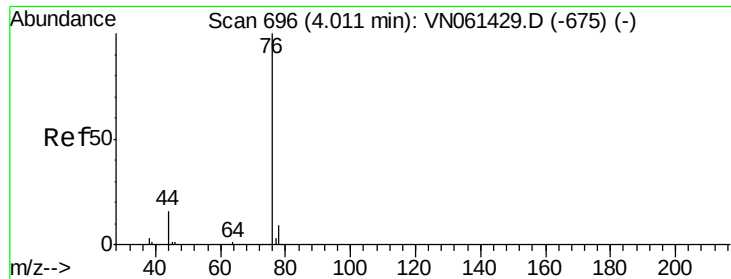
58 32.2 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 21.247 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampled :

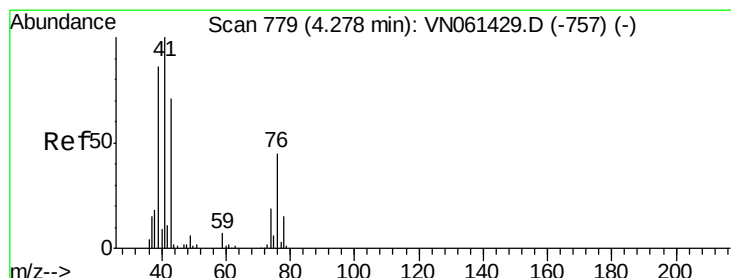
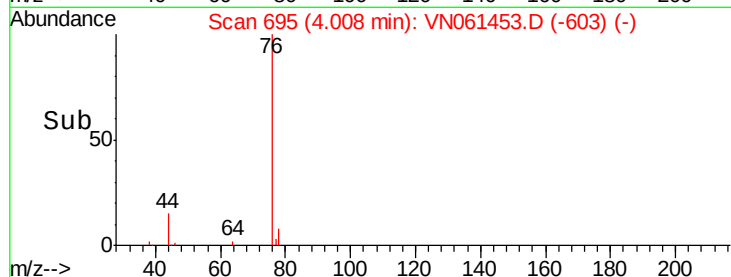
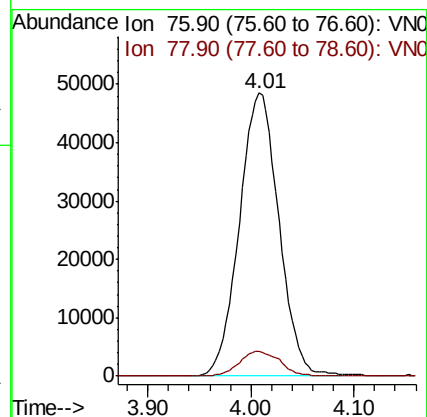
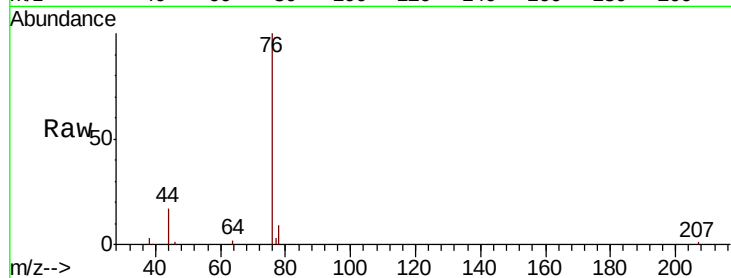
VN0518WBS02

Tot Ion: 76 Resp: 129298

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



#18

Methyl Acetate

Concen: 17.522 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN061453.D

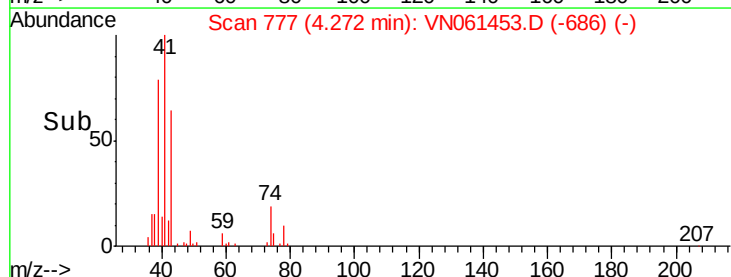
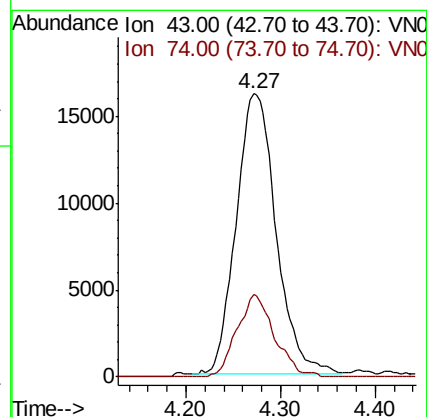
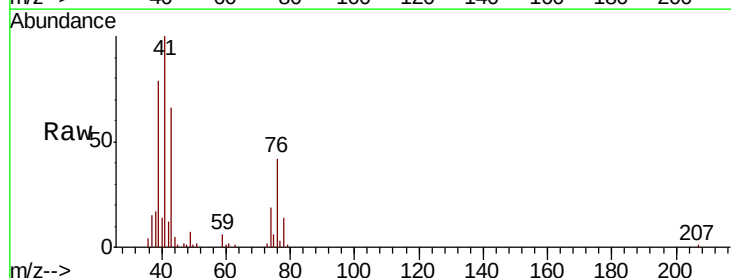
Acq: 19 May 2020 1:44

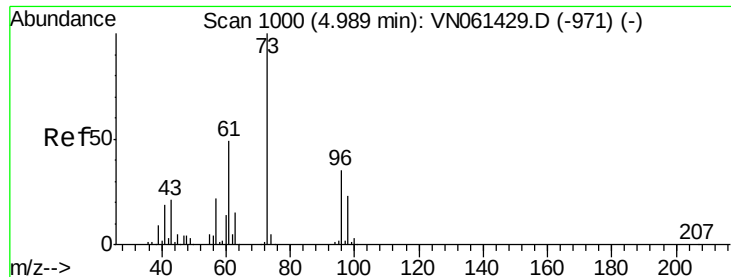
Tgt Ion: 43 Resp: 47479

Ion Ratio Lower Upper

43 100

74 27.1 20.8 31.2

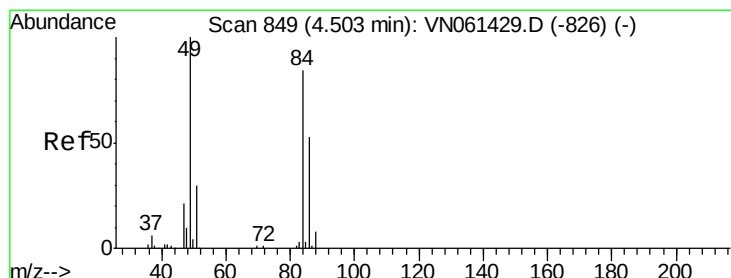
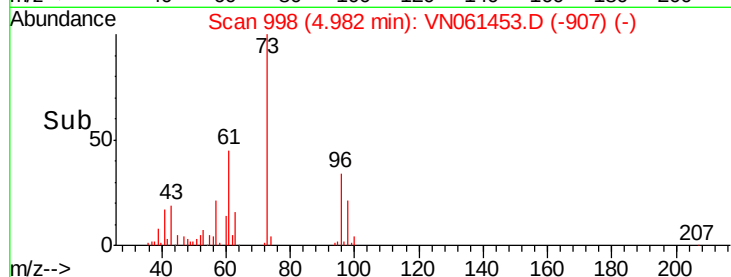
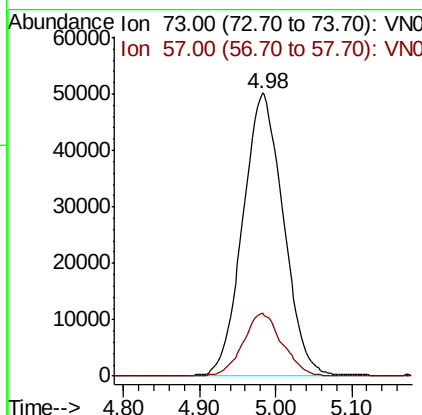
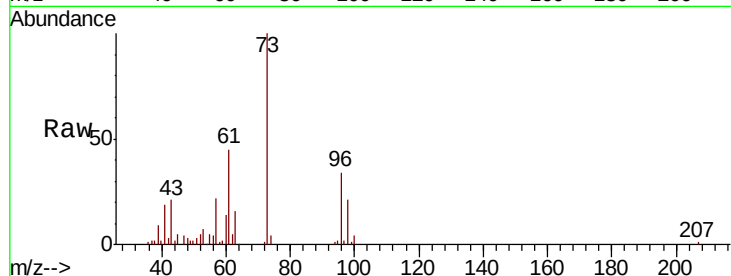




#19
Methyl tert-butyl Ether
Concen: 18.784 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

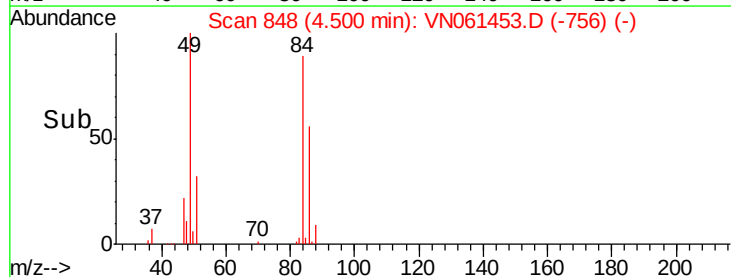
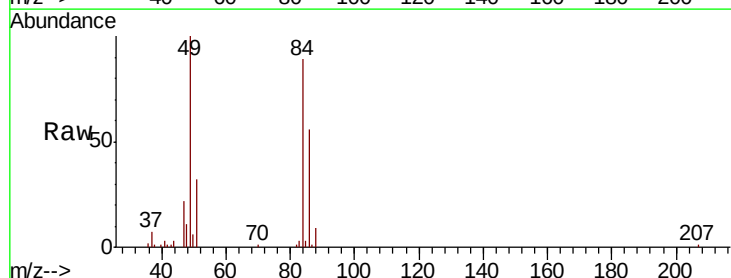
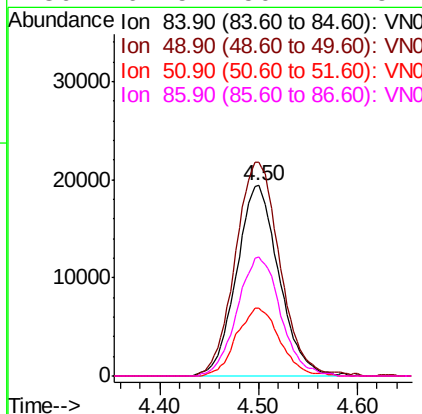
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS02

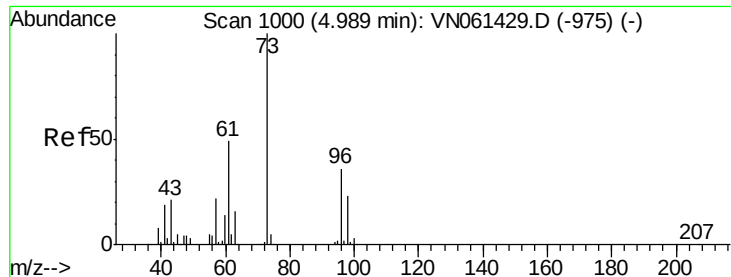
Tot Ion: 73 Resp: 186057
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0



#20
Methylene Chloride
Concen: 18.539 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion: 84 Resp: 57904
Ion Ratio Lower Upper
84 100
49 112.1 95.3 142.9
51 35.8 29.0 43.6
86 62.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.413 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

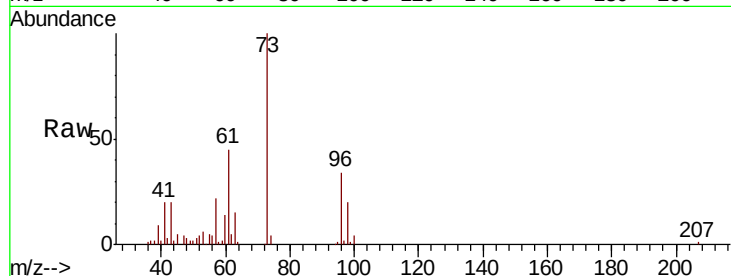
Tot Ion: 96 Resp: 55418

Ion Ratio Lower Upper

96 100

61 129.8 109.8 164.6

98 58.5 52.4 78.6

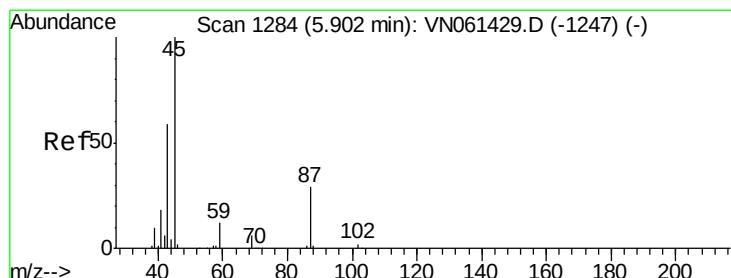
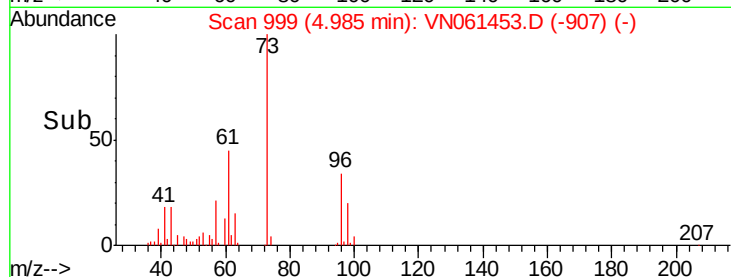
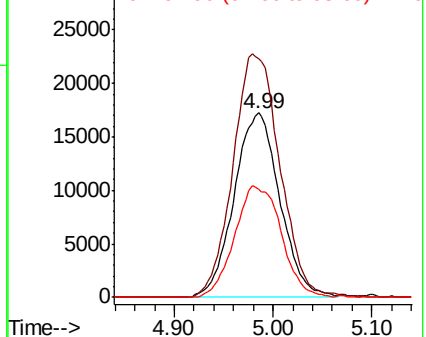


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.633 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Tgt Ion: 45 Resp: 177863

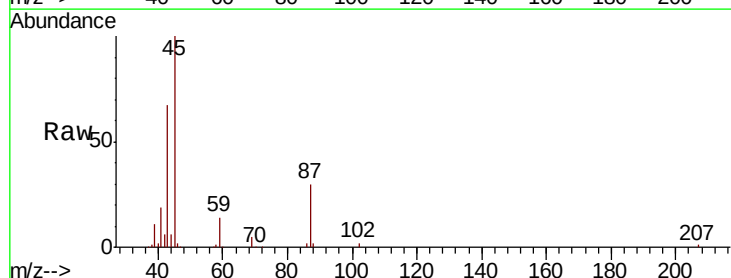
Ion Ratio Lower Upper

45 100

43 65.3 47.9 71.9

87 30.3 24.0 36.0

59 13.3 9.7 14.5



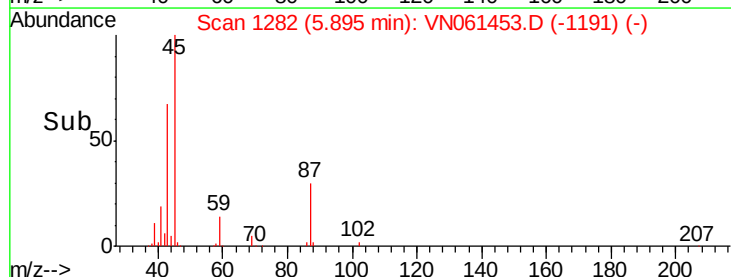
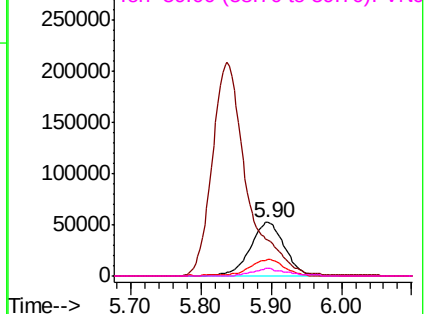
Abundance

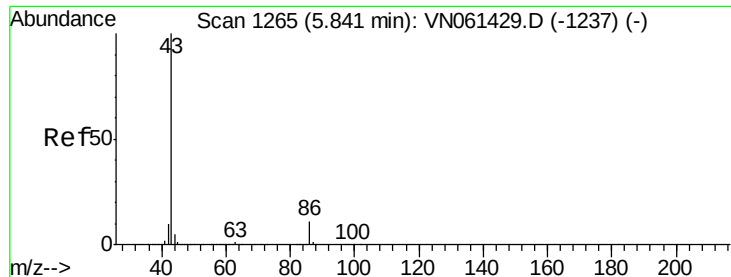
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 94.365 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

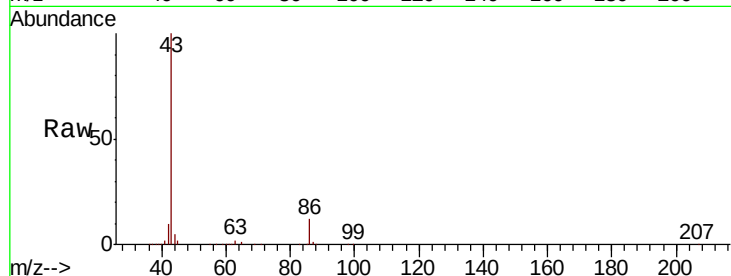
VN0518WBS02

Tot Ion: 43 Resp: 716284

Ion Ratio Lower Upper

43 100

86 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

200000

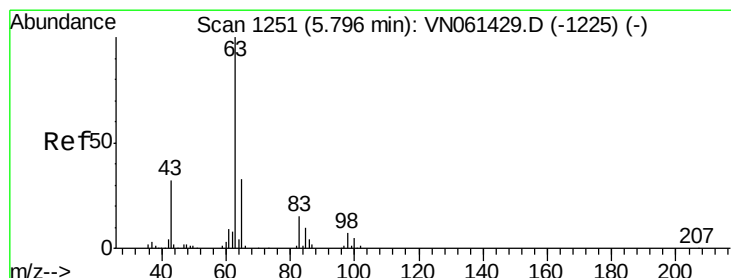
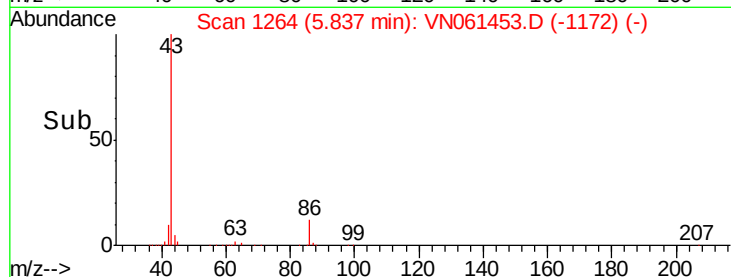
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.864 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

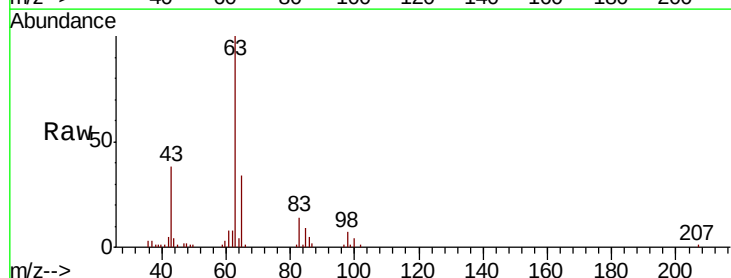
Tgt Ion: 63 Resp: 105025

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.4 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.79

40000

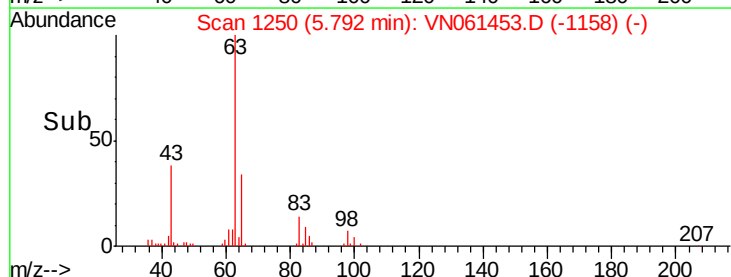
30000

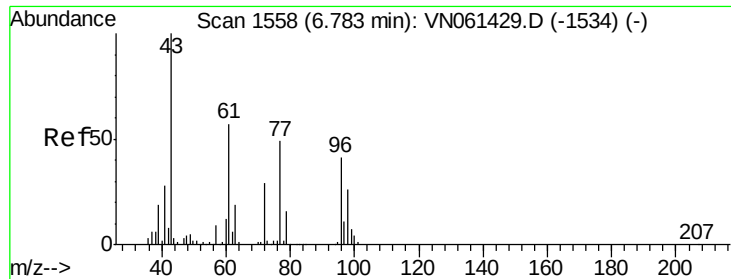
20000

10000

0

Time-->





#25

2-Butanone

Concen: 87.573 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampled :

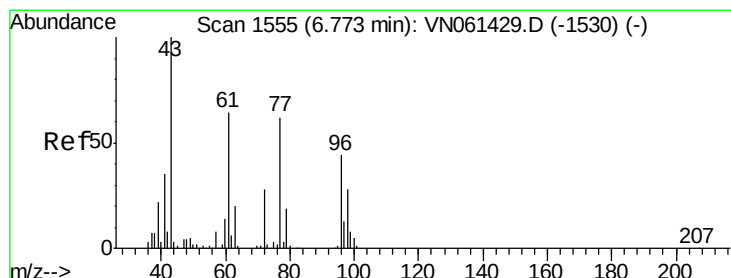
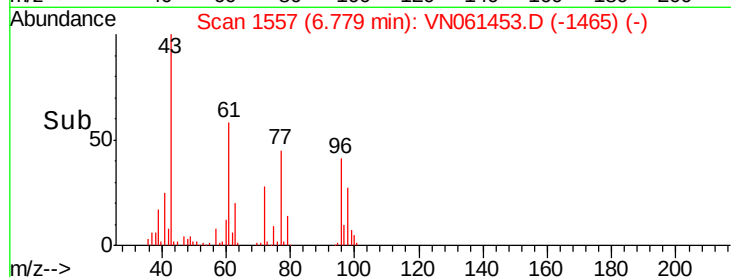
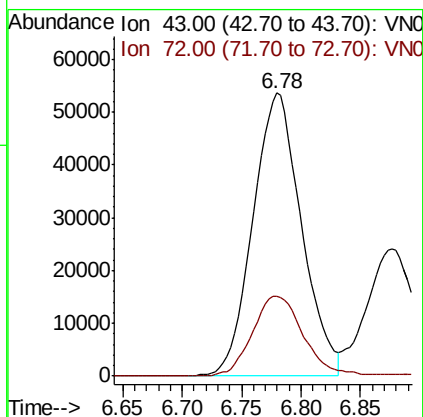
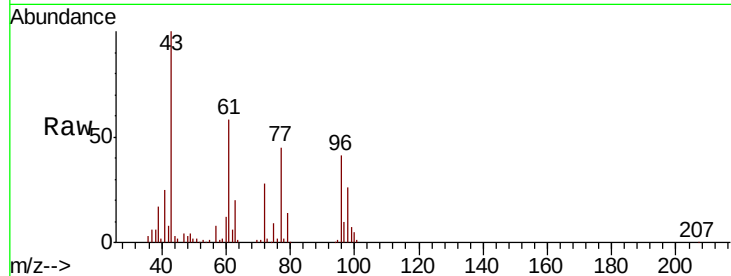
VN0518WBS02

Tot Ion: 43 Resp: 151531

Ion Ratio Lower Upper

43 100

72 28.4 23.0 34.6



#26

2,2-Dichloropropane

Concen: 15.729 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061453.D

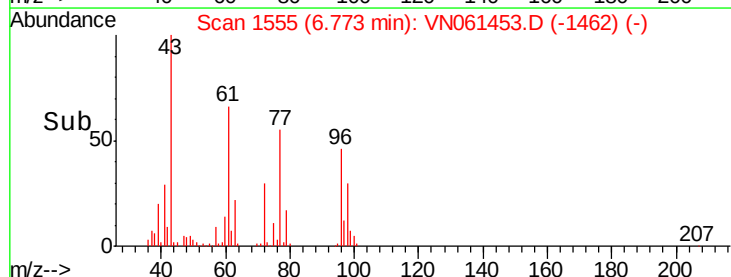
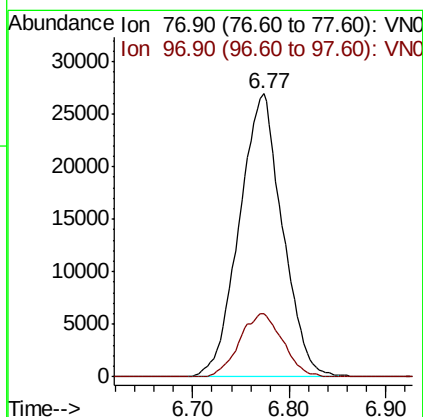
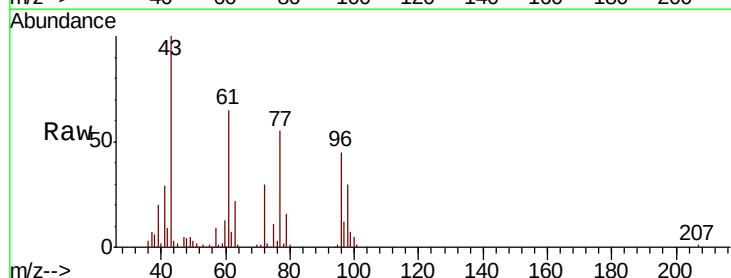
Acq: 19 May 2020 1:44

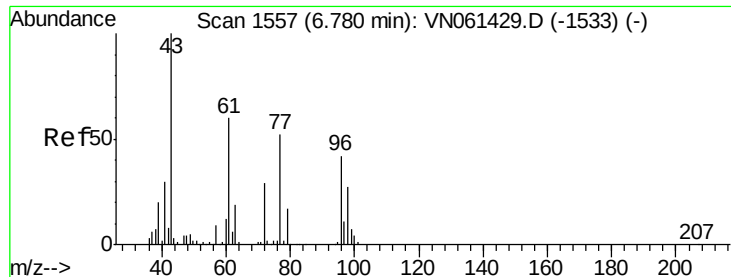
Tgt Ion: 77 Resp: 83480

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.031 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

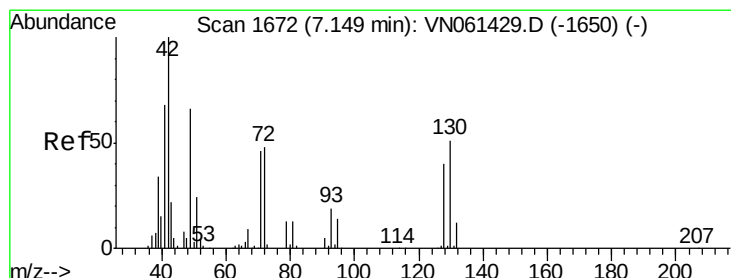
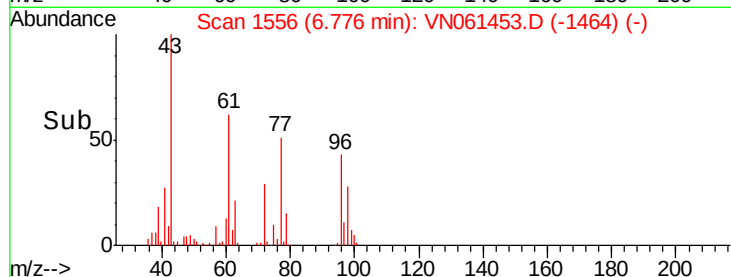
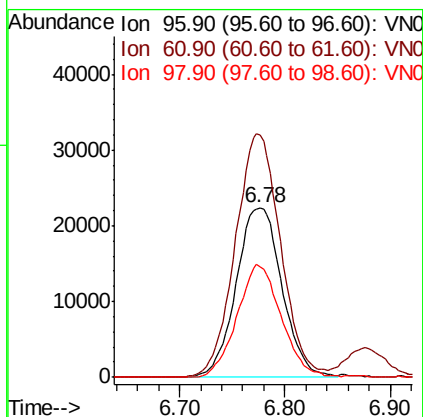
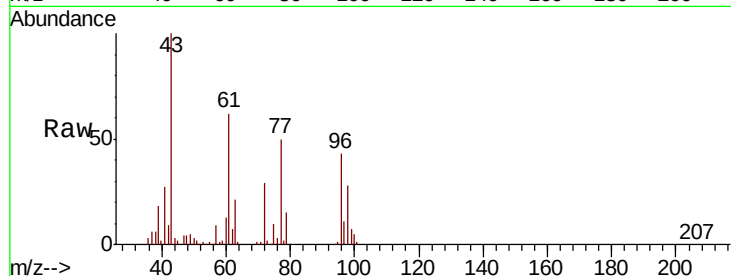
Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :
MSVOA_N
ClientSampled :
VN0518WBS02

Tot Ion: 96 Resp: 67658

Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	294.2
98	64.0	0.0	128.2



#28

Bromochloromethane

Concen: 22.144 ug/l

RT: 7.15 min Scan# 1671

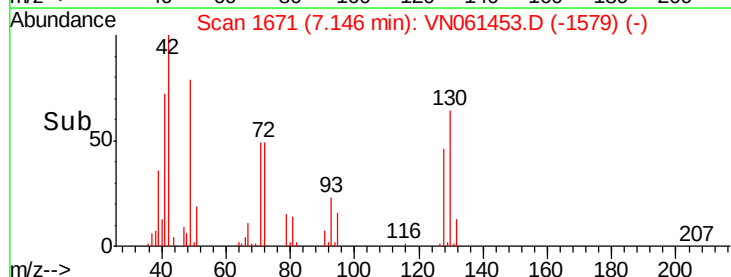
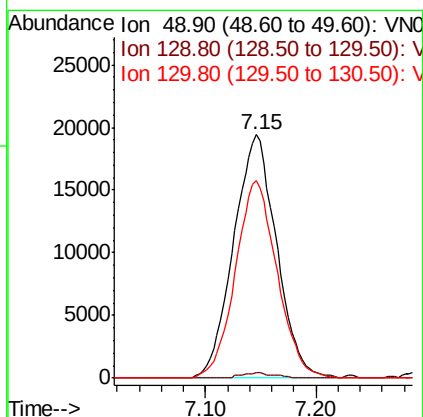
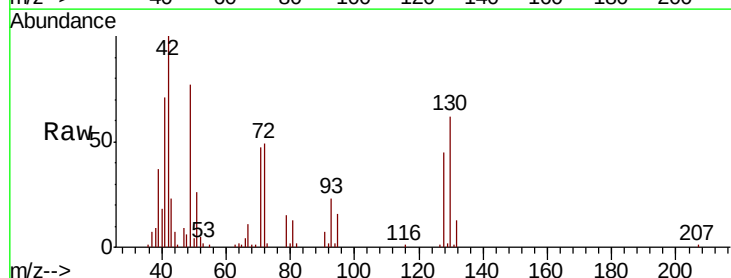
Delta R.T. -0.00 min

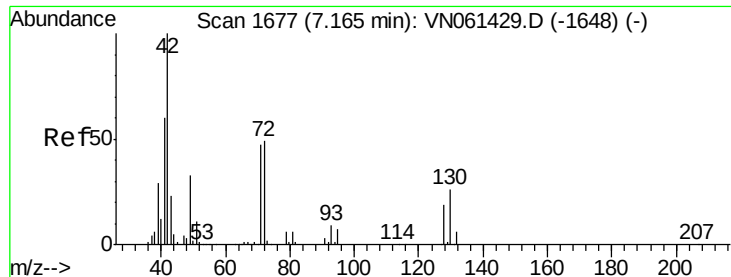
Lab File: VN061453.D

Acq: 19 May 2020 1:44

Tgt Ion: 49 Resp: 52331

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	78.8	62.2	93.2

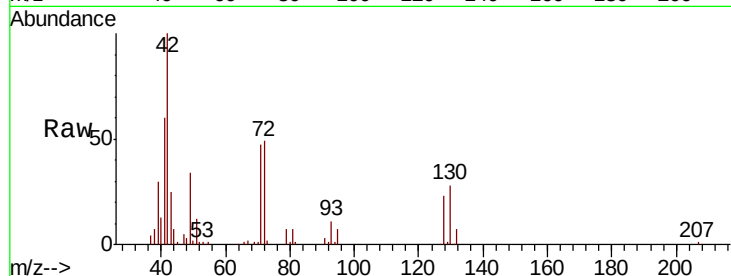




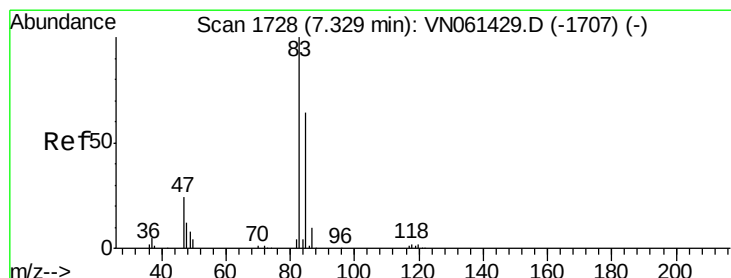
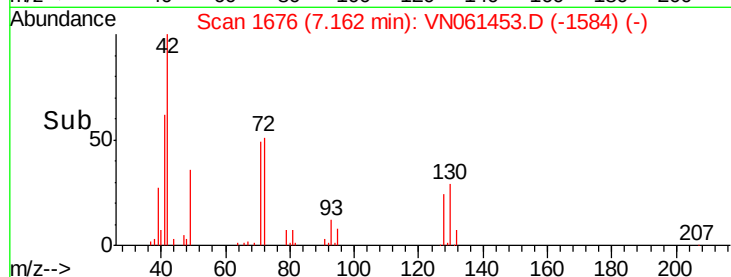
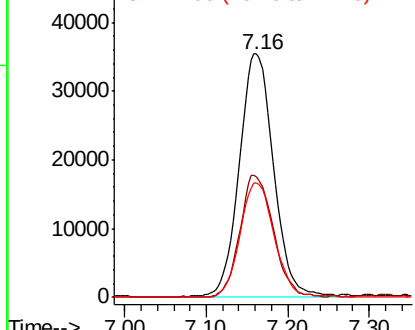
#29
Tetrahydrofuran
Concen: 90.181 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS02

Tot Ion: 42 Resp: 103344
Ion Ratio Lower Upper
42 100
72 48.7 39.0 58.6
71 46.7 36.9 55.3

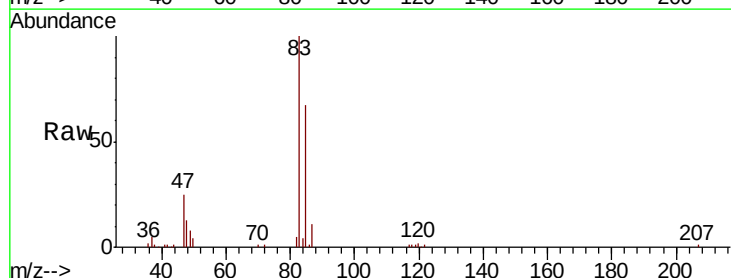


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

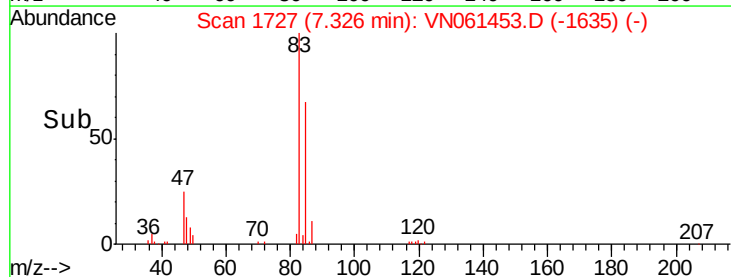
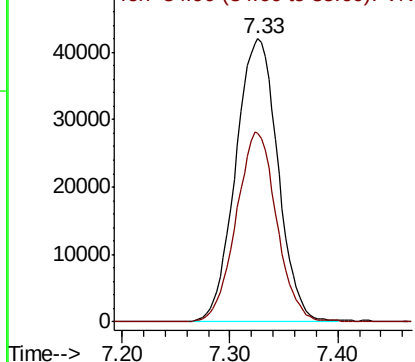


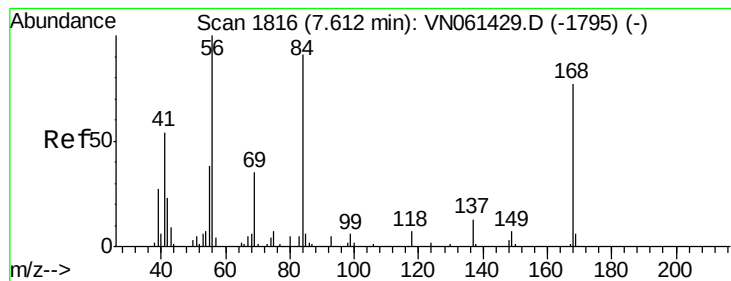
#30
Chloroform
Concen: 19.641 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion: 83 Resp: 114215
Ion Ratio Lower Upper
83 100
85 66.9 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.644 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

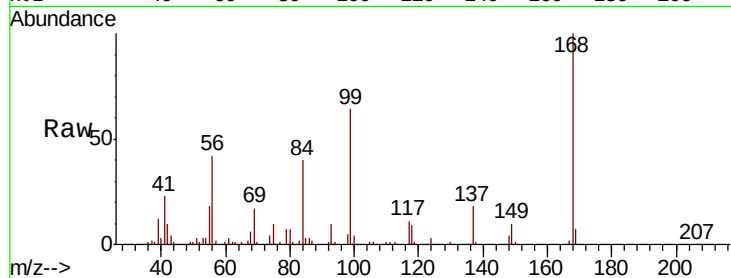
Tot Ion: 56 Resp: 91295

Ion Ratio Lower Upper

56 100

69 39.1 27.8 41.6

84 93.9 72.7 109.1

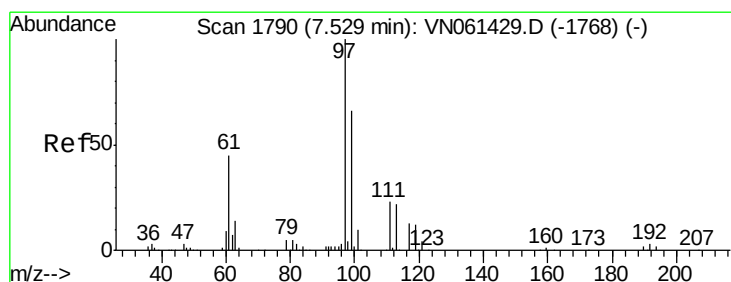
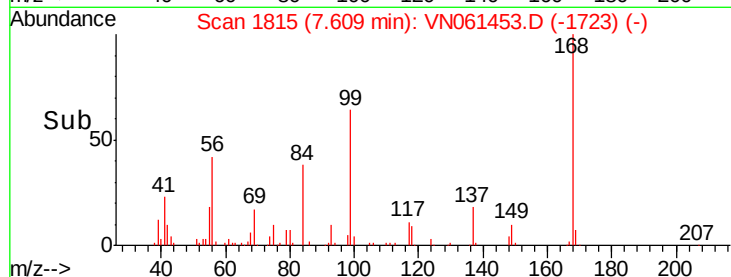
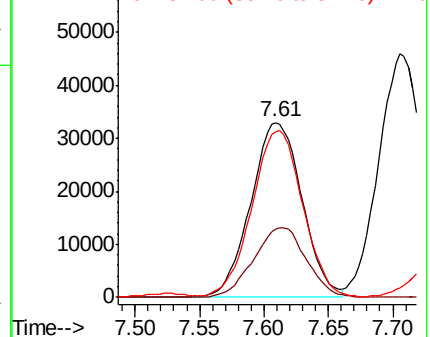


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.819 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

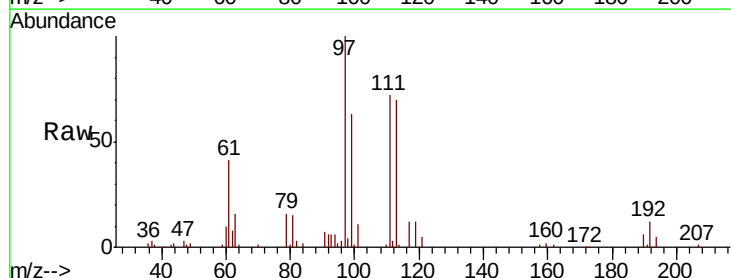
Tgt Ion: 97 Resp: 99999

Ion Ratio Lower Upper

97 100

99 62.4 51.5 77.3

61 42.8 35.8 53.6

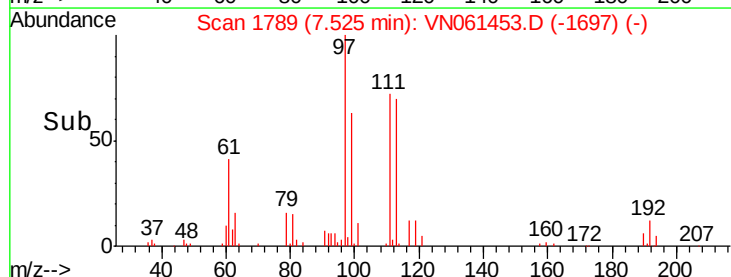
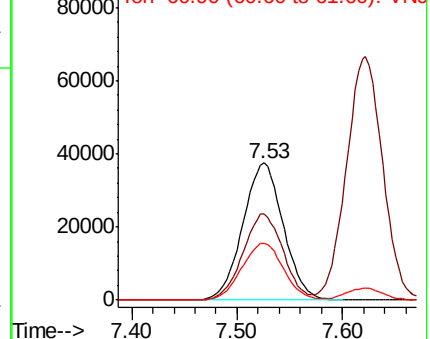


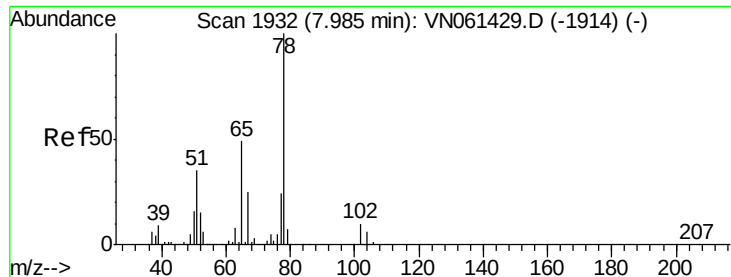
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

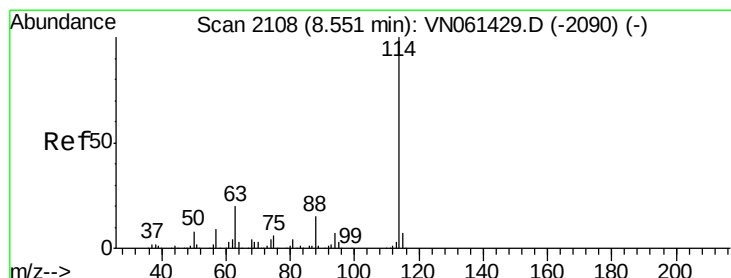
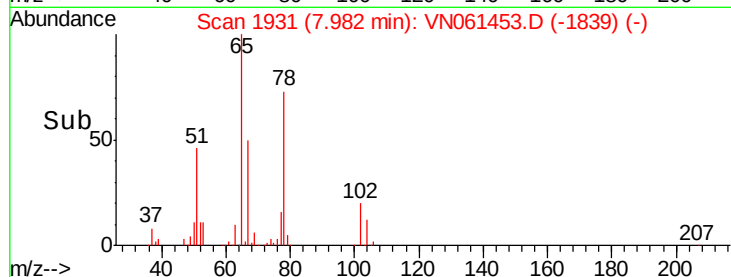
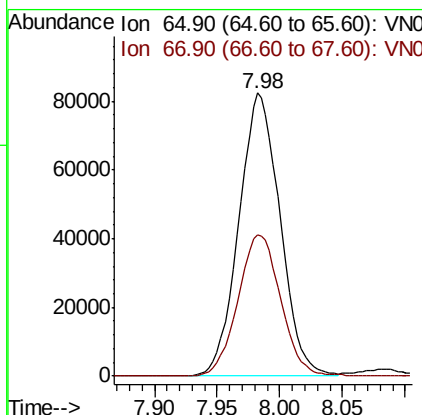
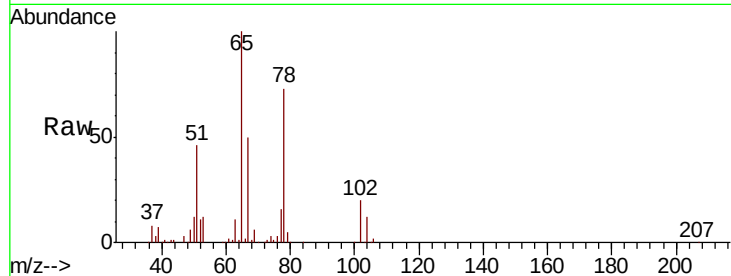




#33
 1,2-Dichloroethane-d4
 Concen: 49.542 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

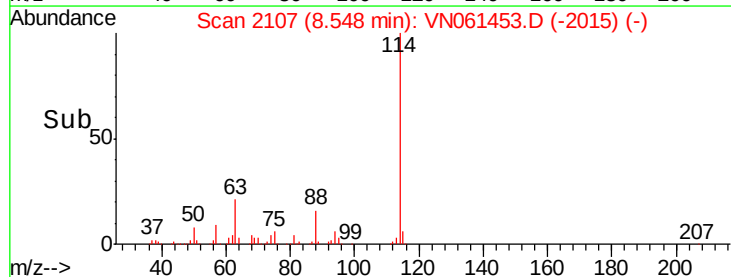
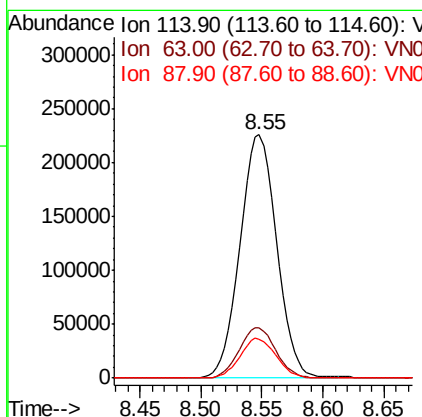
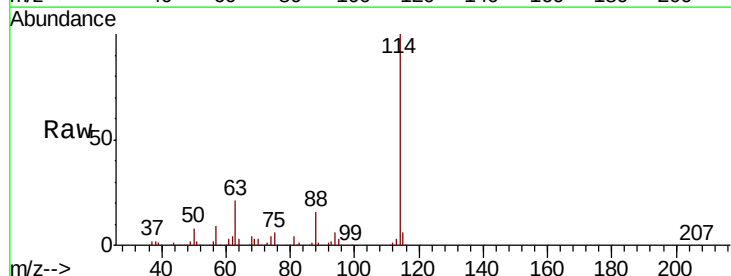
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

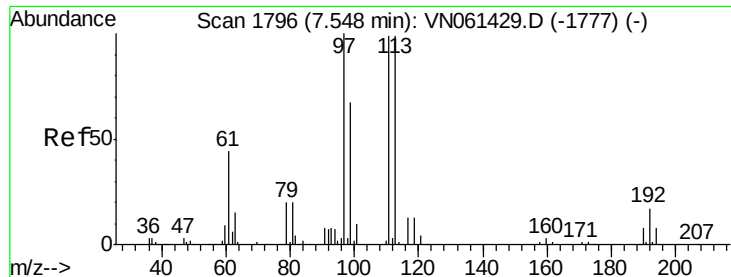
Tot Ion: 65 Resp: 188280
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion: 114 Resp: 469878
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.1 0.0 30.8

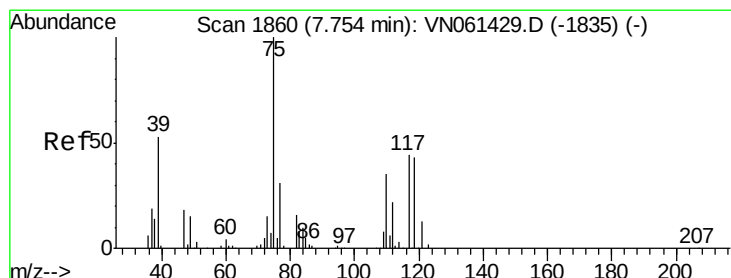
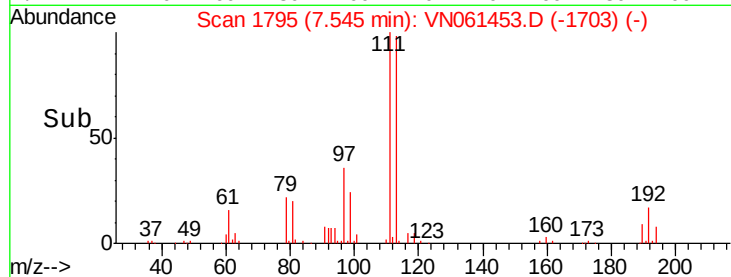
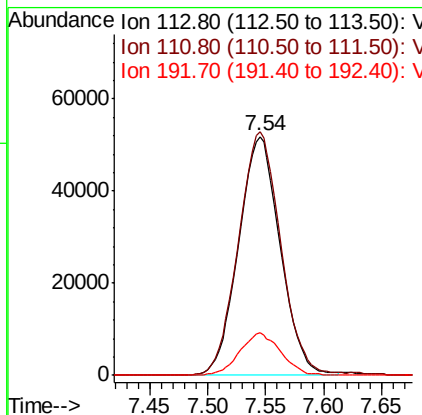
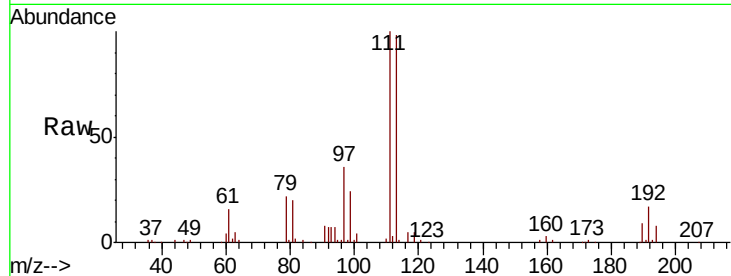




#35
 Dibromofluoromethane
 Concen: 52.649 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

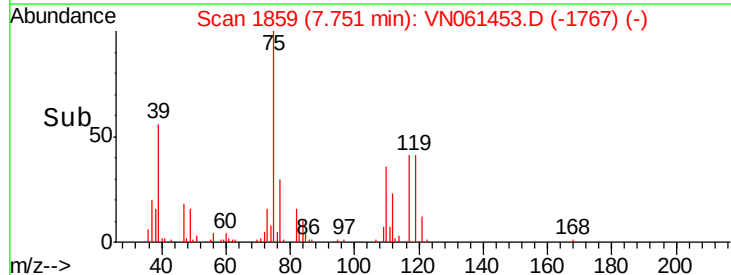
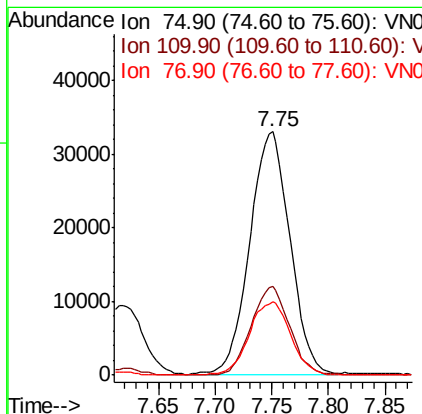
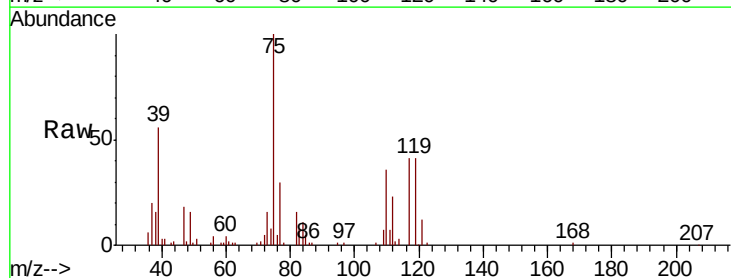
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

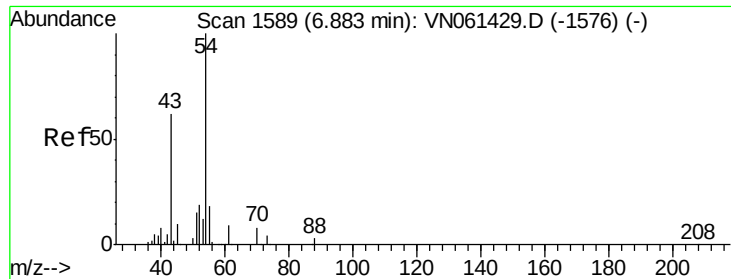
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.6	121.0
192	17.4	13.2	19.8



#36
 1,1-Dichloropropene
 Concen: 18.690 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.3	51.9
77	30.7	24.9	37.3

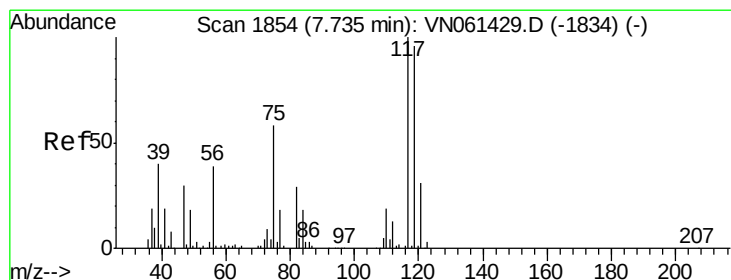
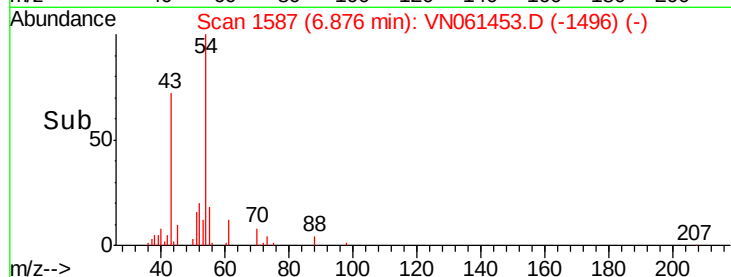
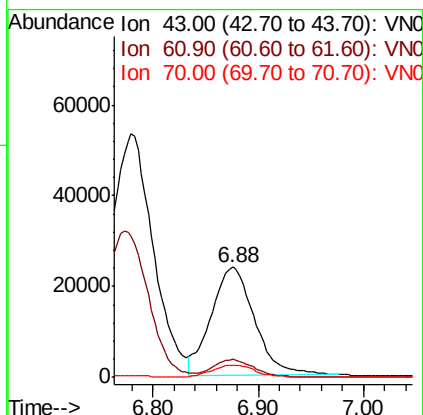
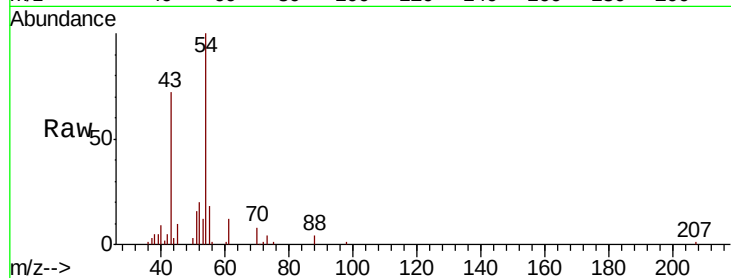




#37
Ethyl Acetate
Concen: 17.237 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

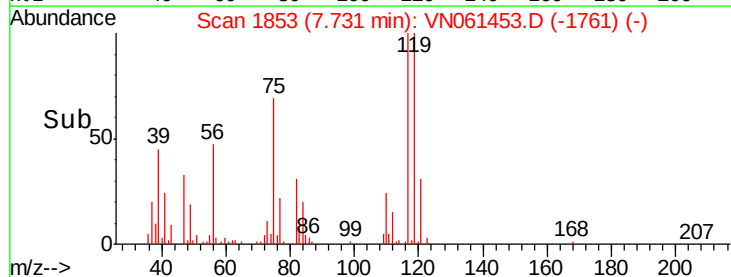
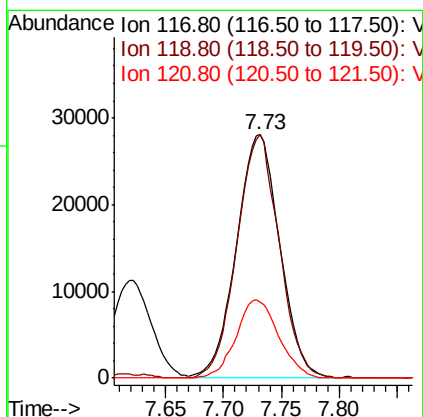
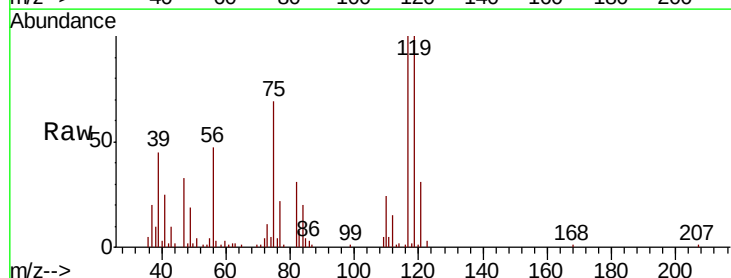
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS02

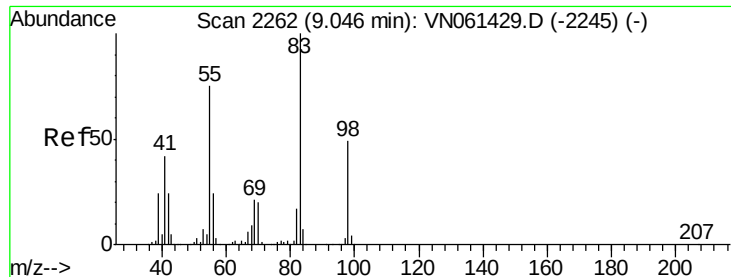
Tot Ion: 43 Resp: 68681
Ion Ratio Lower Upper
43 100
61 15.6 11.7 17.5
70 11.2 9.2 13.8



#38
Carbon Tetrachloride
Concen: 18.085 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion: 117 Resp: 73163
Ion Ratio Lower Upper
117 100
119 100.1 77.0 115.6
121 31.4 24.7 37.1

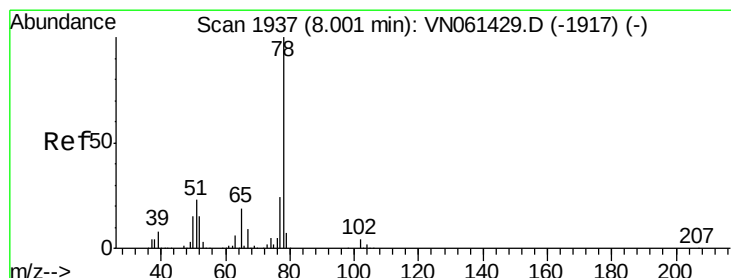
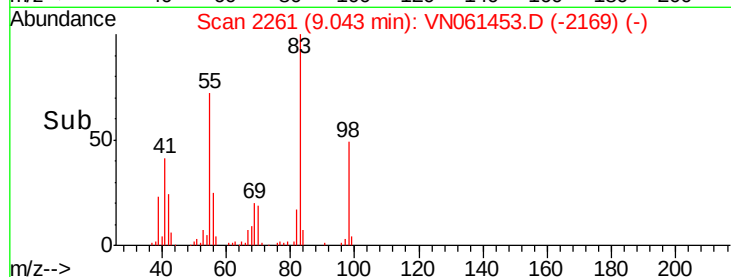
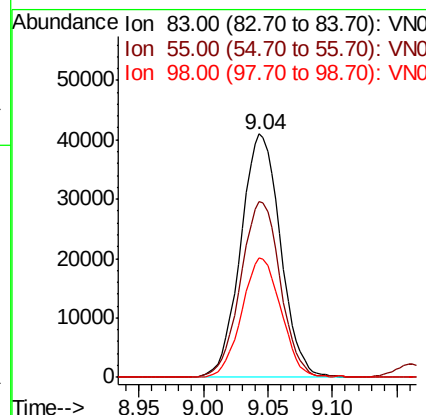
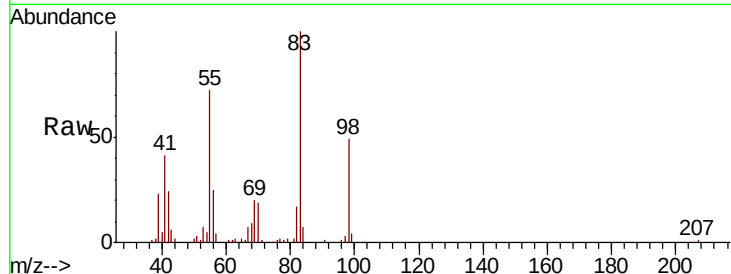




#39
Methylvlcyclohexane
Concen: 16.423 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

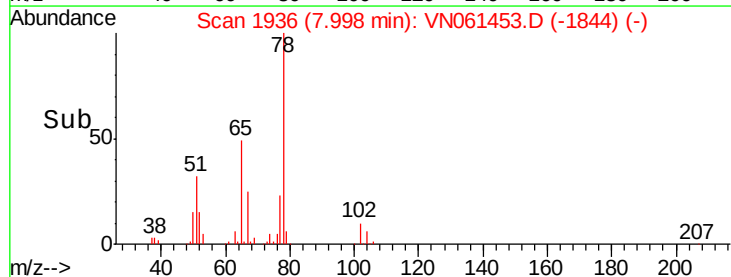
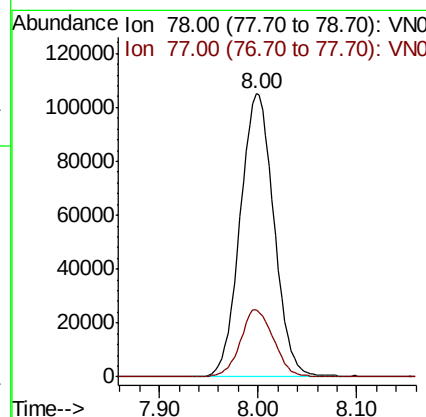
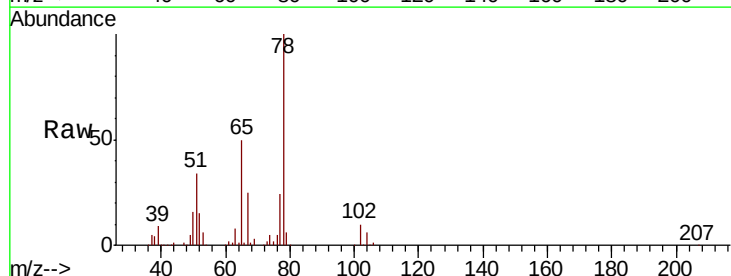
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS02

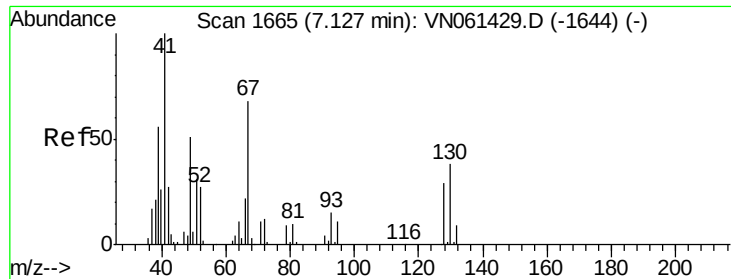
Tot Ion: 83 Resp: 88133
Ion Ratio Lower Upper
83 100
55 72.4 59.7 89.5
98 48.8 38.9 58.3



#40
Benzene
Concen: 18.867 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion: 78 Resp: 249804
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

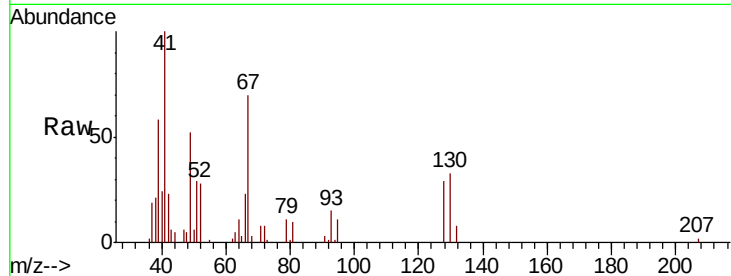




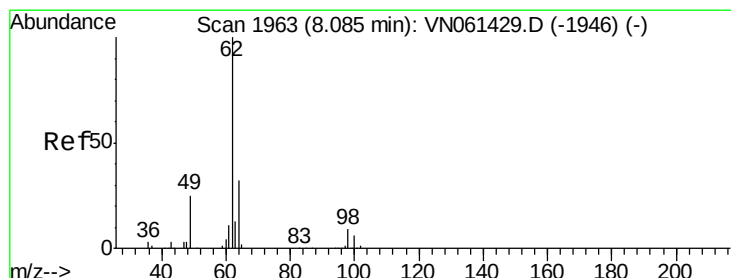
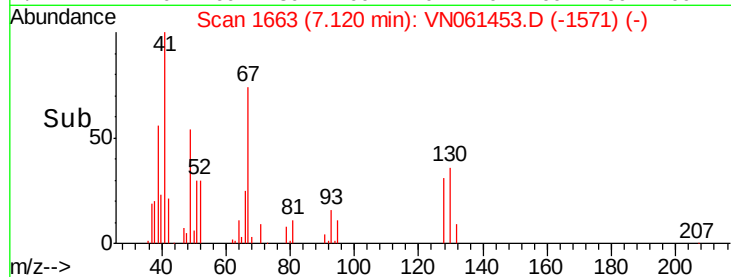
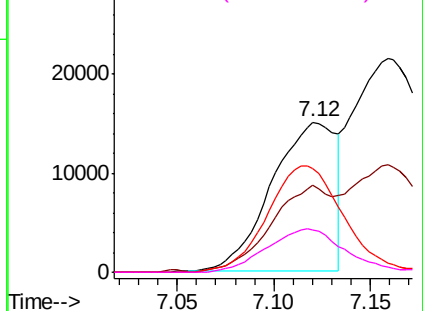
#41
Methacrylonitrile
Concen: 20.558 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Instrument :
MSVOA_N
ClientSampled :
VN0518WBS02

Tot Ion:	41	Resp:	34597
Ion	Ratio	Lower	Upper
41	100		
39	53.2	48.3	72.5
67	84.8	74.2	111.4
52	35.8	30.8	46.2

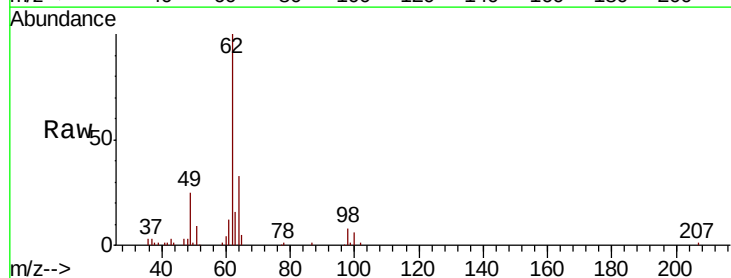


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

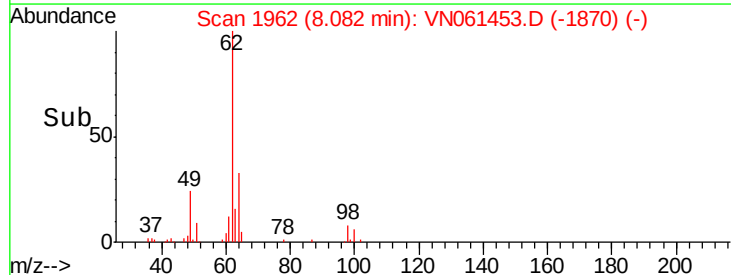
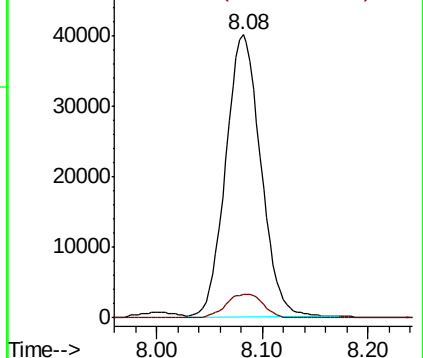


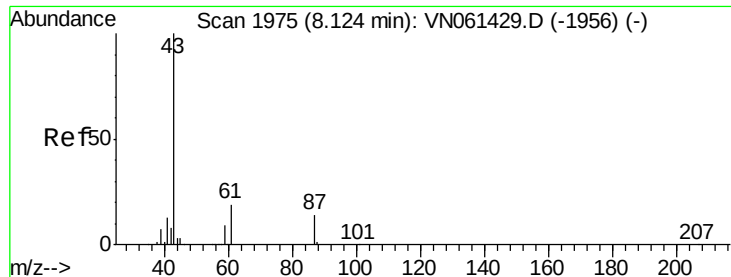
#42
1,2-Dichloroethane
Concen: 19.371 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion:	62	Resp:	92408
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.563 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

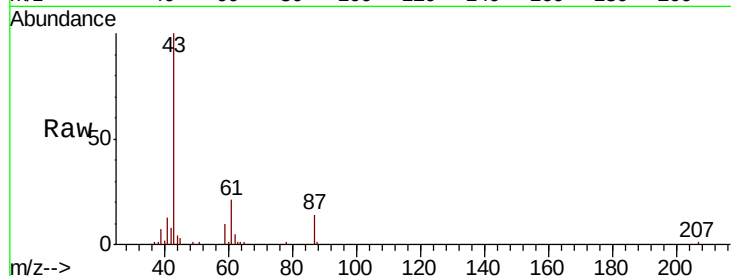
Tot Ion: 43 Resp: 129004

Ion Ratio Lower Upper

43 100

61 21.2 23.0 34.4#

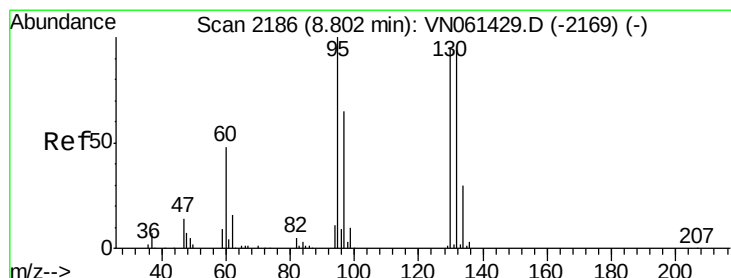
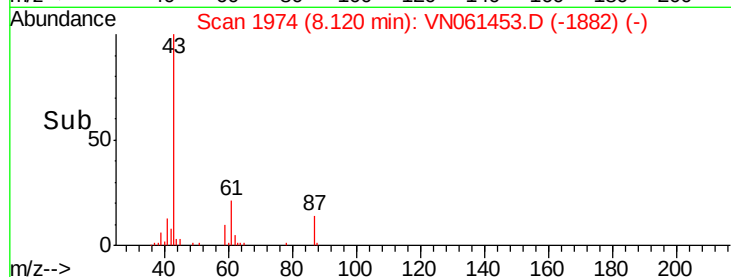
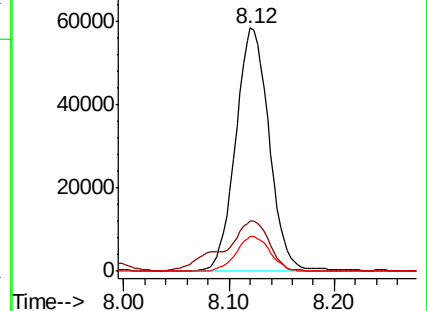
87 14.4 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061429.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061429.D (-1956) (-)



#44

Trichloroethene

Concen: 19.292 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061453.D

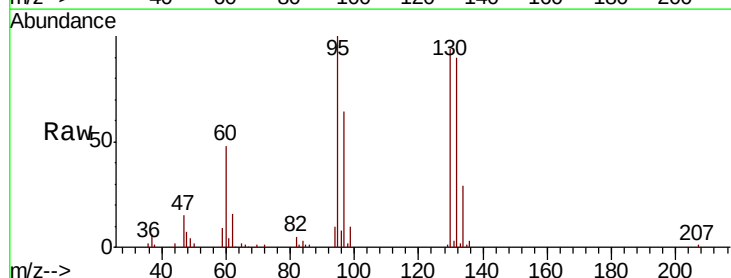
Acq: 19 May 2020 1:44

Tgt Ion:130 Resp: 66930

Ion Ratio Lower Upper

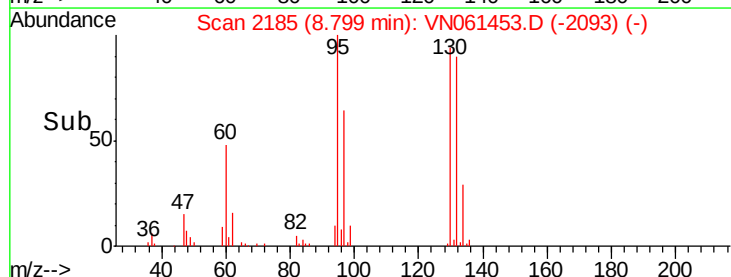
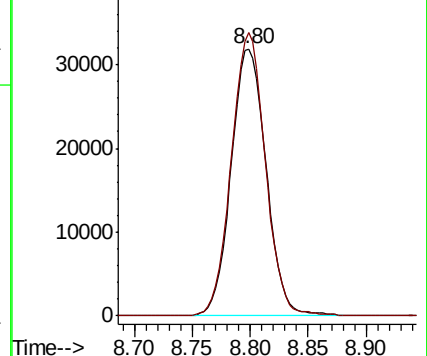
130 100

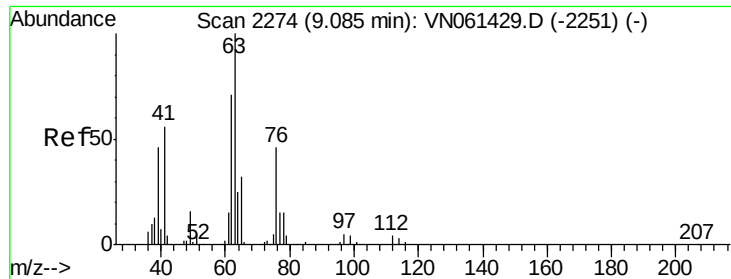
95 105.9 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): VN061429.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061429.D (-2169) (-)

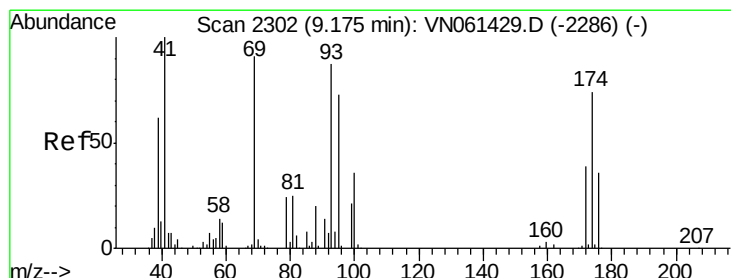
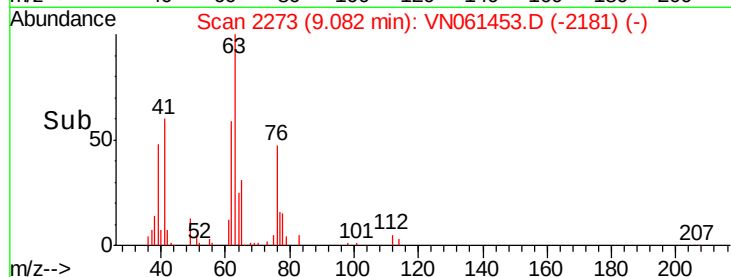
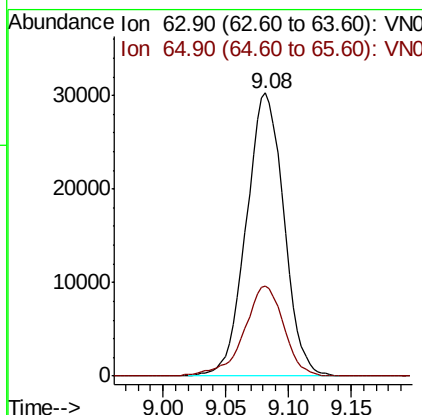
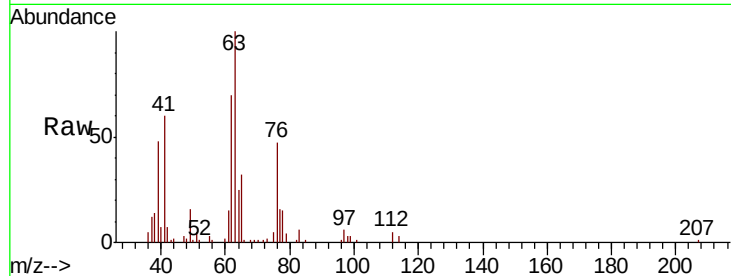




#45
 1,2-Dichloropropane
 Concen: 19.107 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

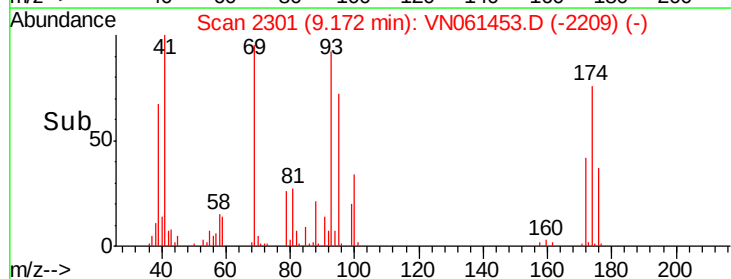
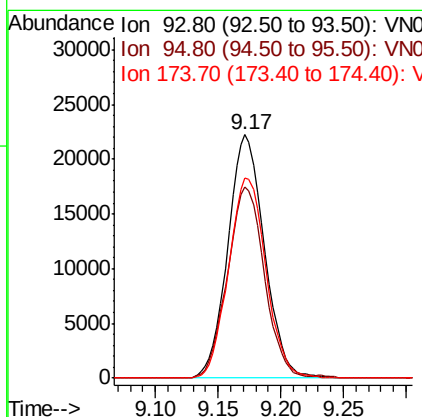
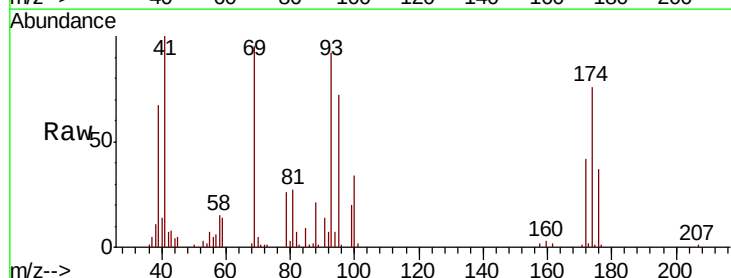
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

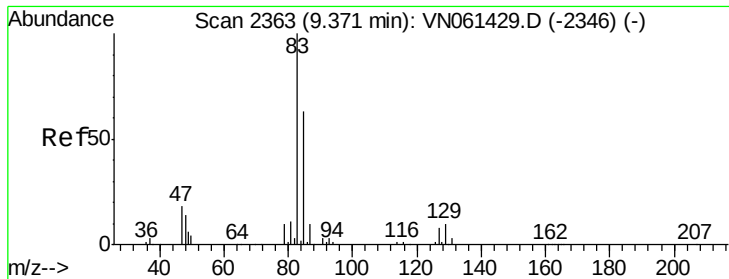
Tot Ion: 63 Resp: 63322
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.2 37.8



#46
 Dibromomethane
 Concen: 19.433 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion: 93 Resp: 45148
 Ion Ratio Lower Upper
 93 100
 95 79.0 65.6 98.4
 174 83.9 68.0 102.0





#47

Bromodichloromethane

Concen: 18.761 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

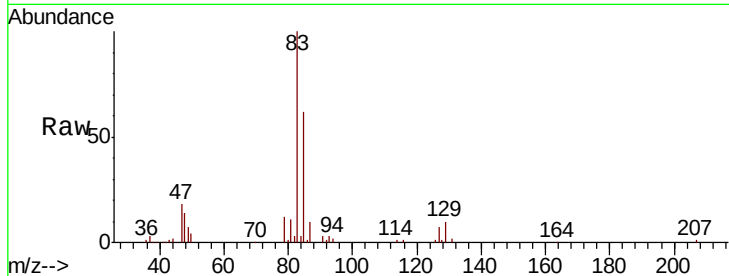
Tot Ion: 83 Resp: 91837

Ion Ratio Lower Upper

83 100

85 62.5 50.6 76.0

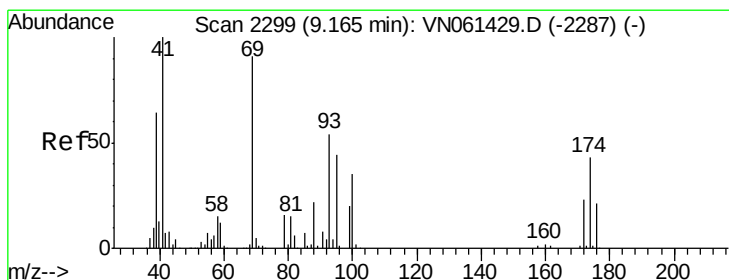
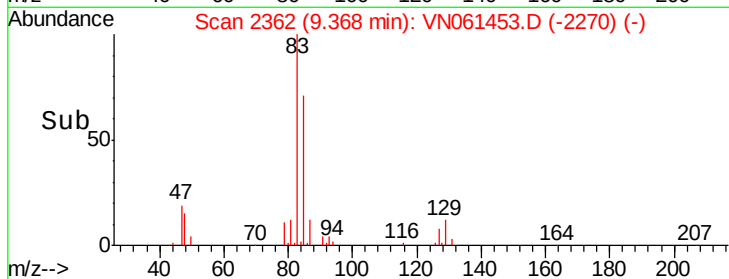
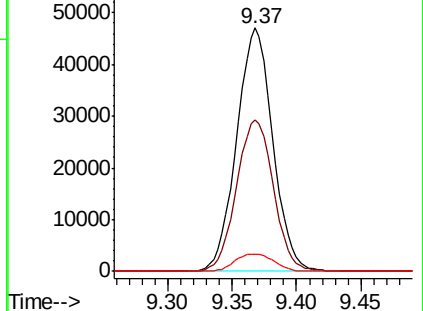
127 7.2 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.448 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

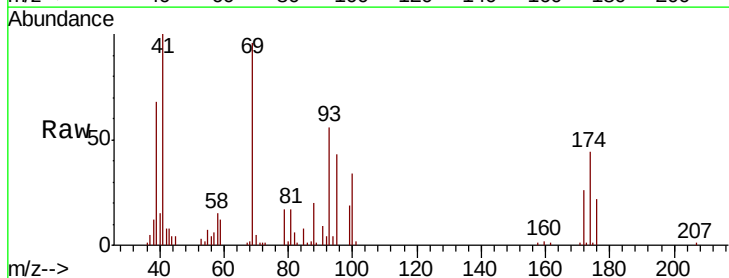
Tgt Ion: 41 Resp: 56013

Ion Ratio Lower Upper

41 100

69 96.9 75.3 112.9

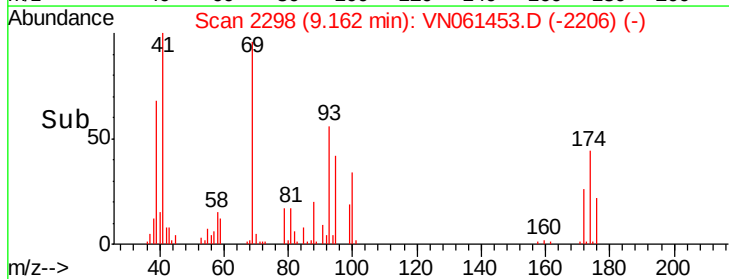
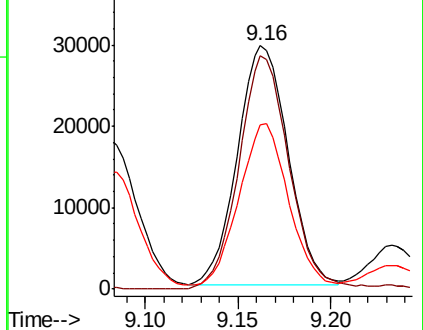
39 67.7 52.6 79.0

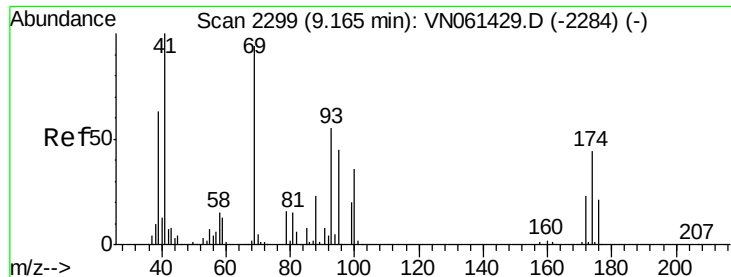


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

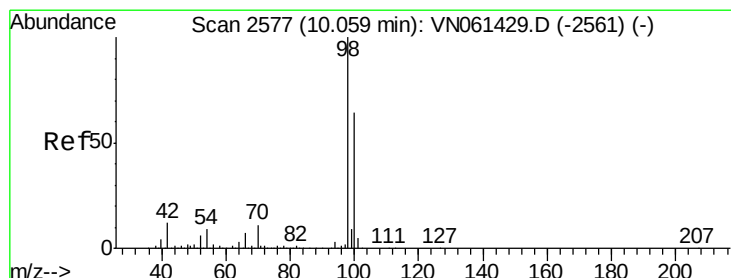
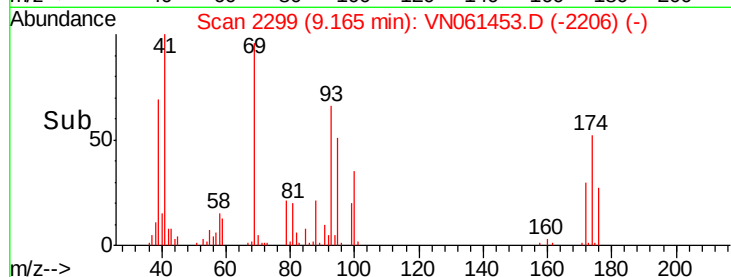
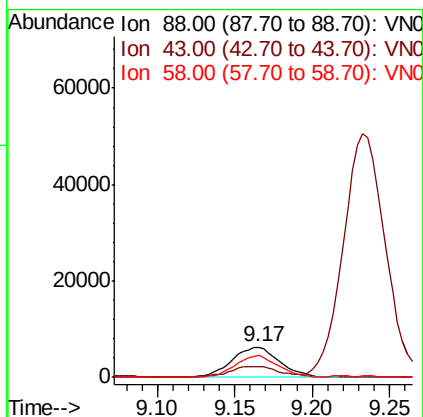
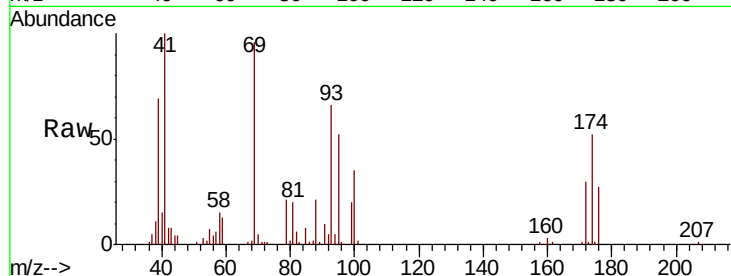




#49
1,4-Dioxane
Concen: 369.179 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

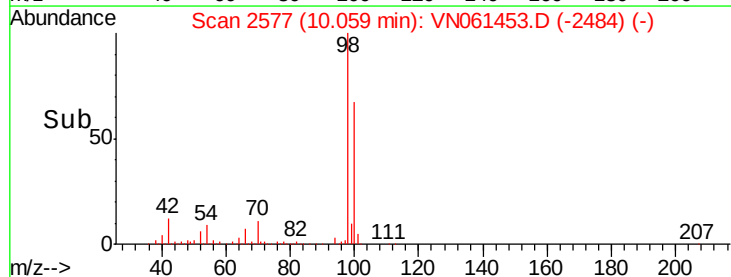
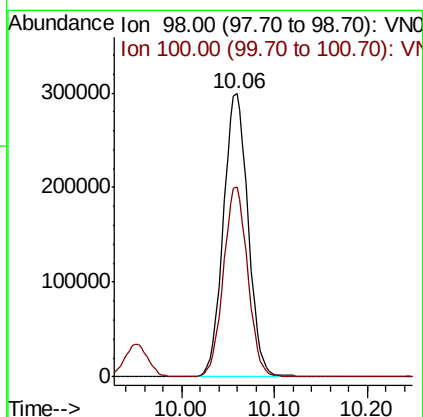
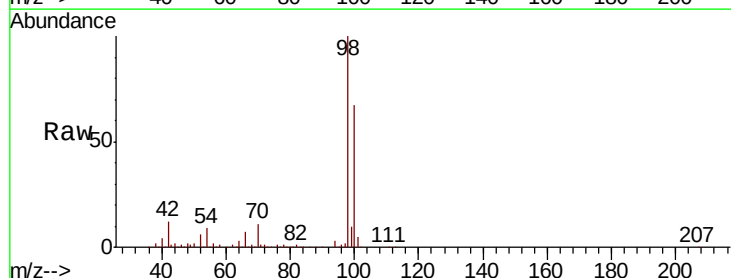
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS02

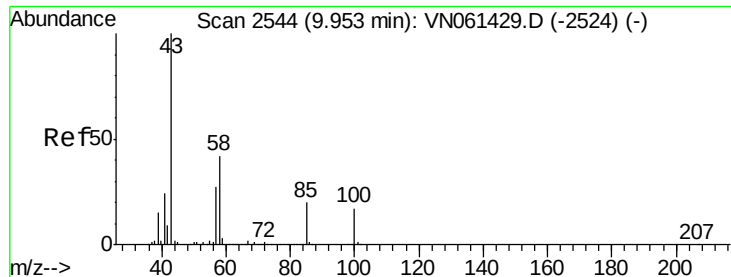
Tot Ion: 88 Resp: 13269
Ion Ratio Lower Upper
88 100
43 39.5 26.3 39.5#
58 65.4 54.1 81.1



#50
Toluene-d8
Concen: 48.436 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion: 98 Resp: 553014
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.8

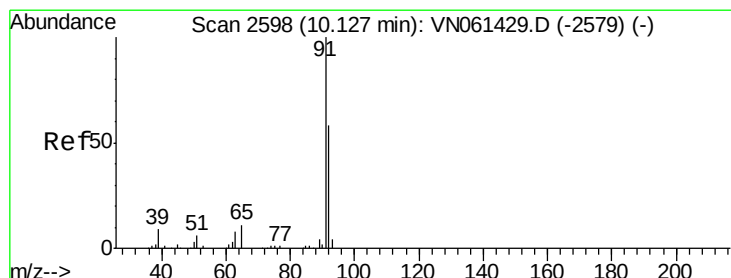
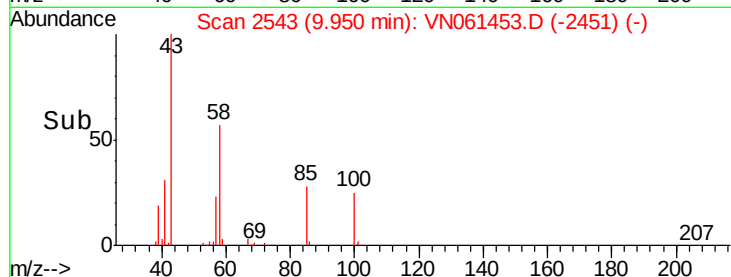
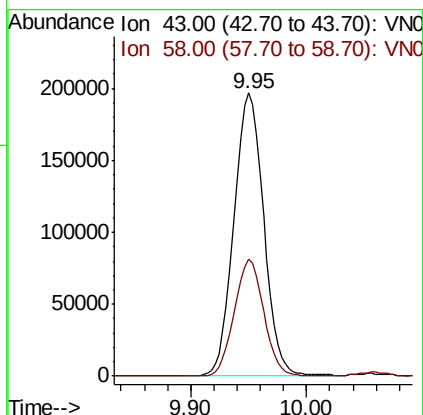
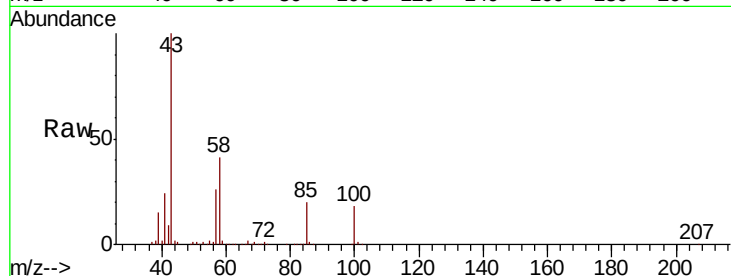




#51
4-Methyl-2-Pentanone
Concen: 92.536 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

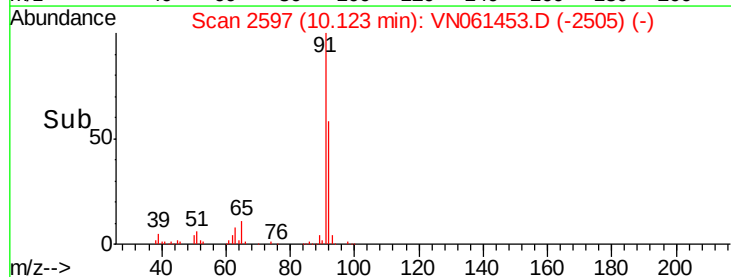
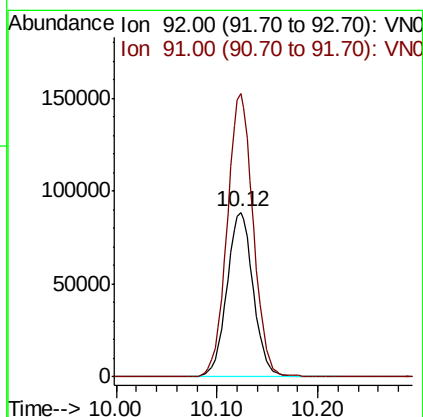
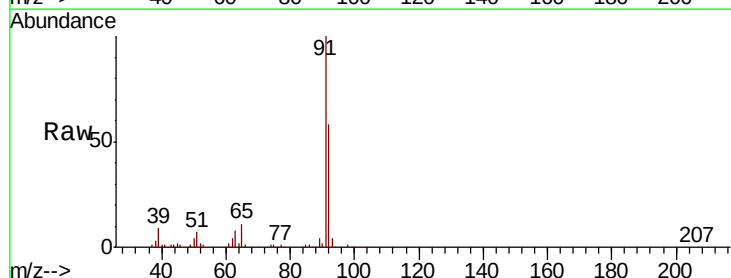
Instrument :
MSVOA_N
ClientSampled :
VN0518WBS02

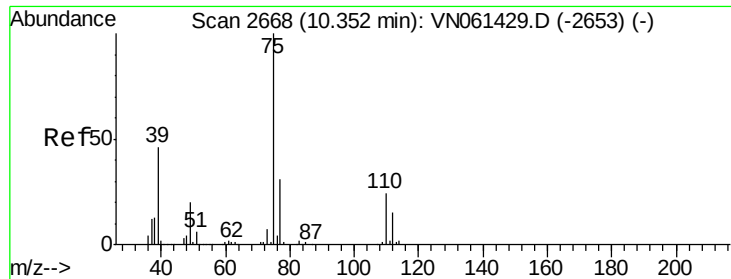
Tot Ion: 43 Resp: 350318
Ion Ratio Lower Upper
43 100
58 40.8 33.4 50.2



#52
Toluene
Concen: 19.029 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion: 92 Resp: 161754
Ion Ratio Lower Upper
92 100
91 169.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 18.332 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

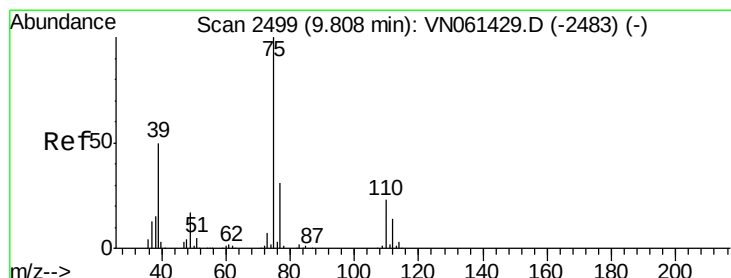
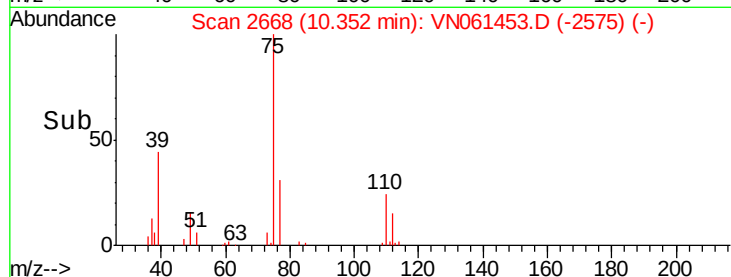
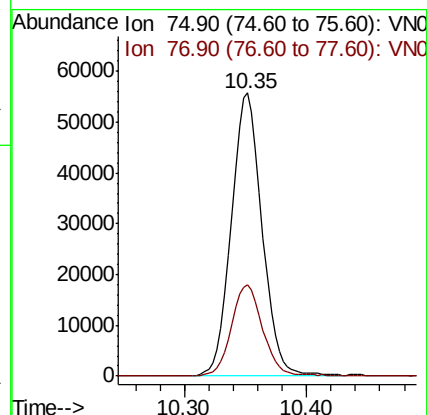
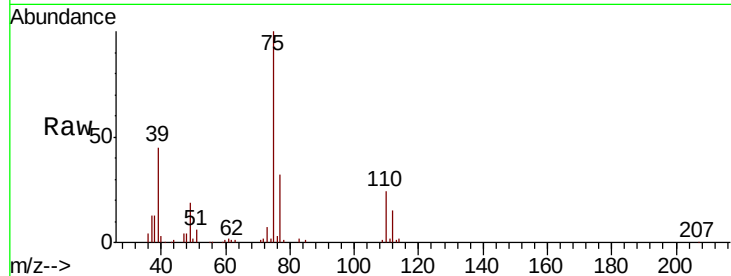
VN0518WBS02

Tot Ion: 75 Resp: 98354

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.733 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

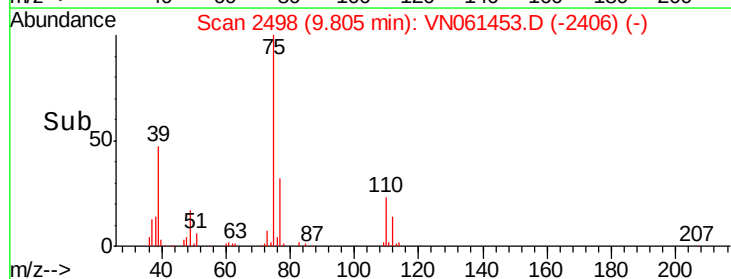
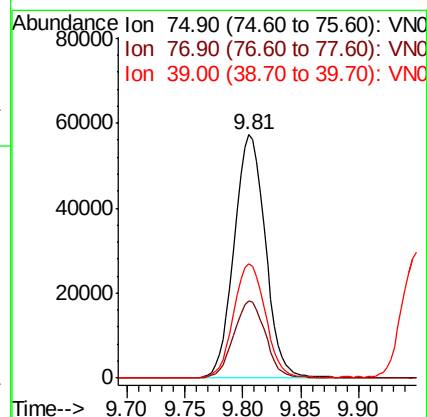
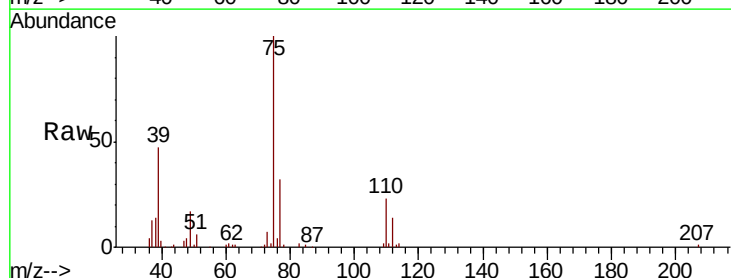
Tgt Ion: 75 Resp: 106841

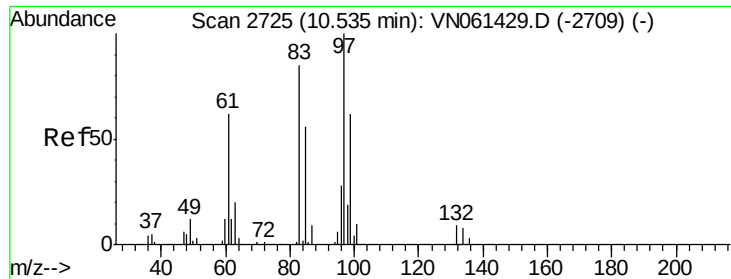
Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 47.0 39.8 59.6

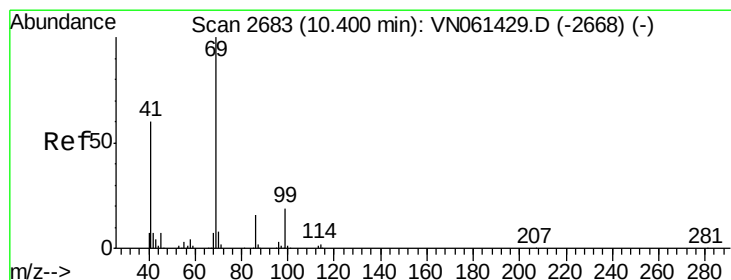
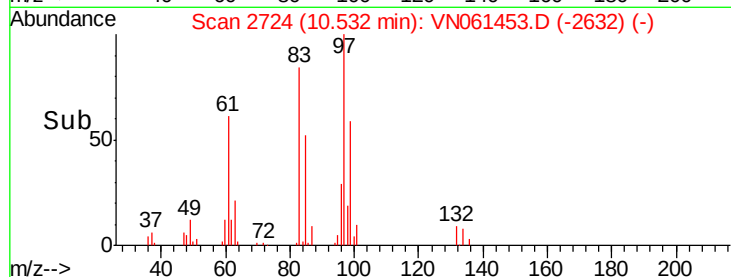
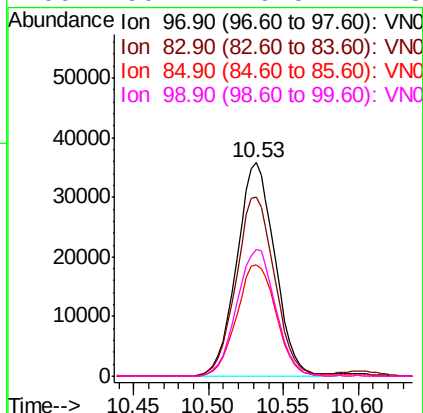
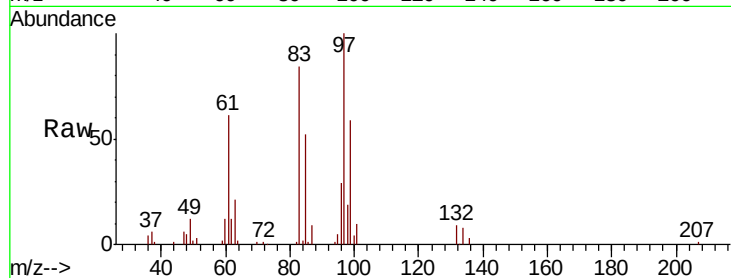




#55
 1,1,2-Trichloroethane
 Concen: 19.774 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

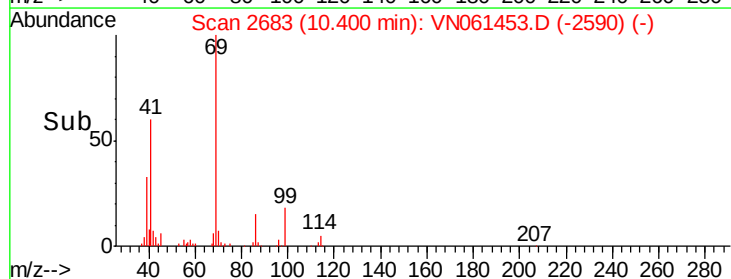
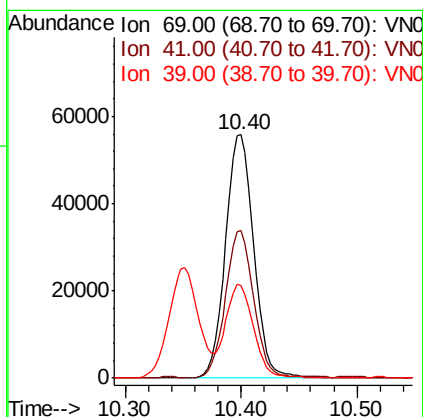
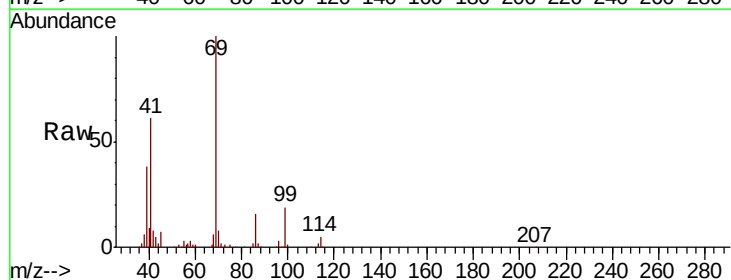
Instrument :
 MSVOA_N
 ClientSampled :
 VN0518WBS02

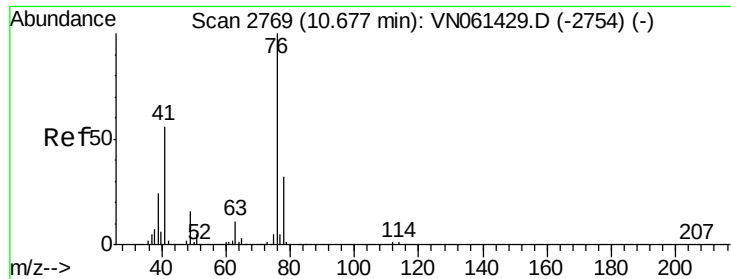
Tot Ion:	97	Resp:	63548
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.2	102.4
85	52.3	44.6	67.0
99	59.4	49.5	74.3



#56
 Ethyl methacrylate
 Concen: 18.736 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion:	69	Resp:	94138
Ion	Ratio	Lower	Upper
69	100		
41	60.0	48.3	72.5
39	38.4	30.2	45.2

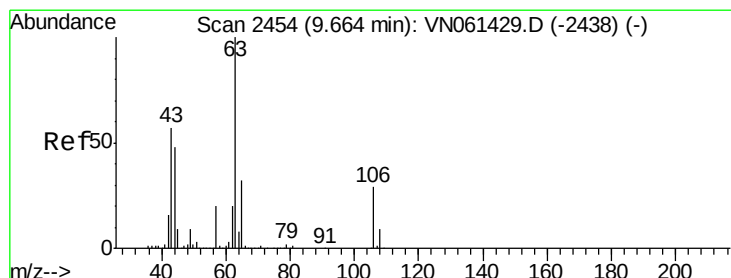
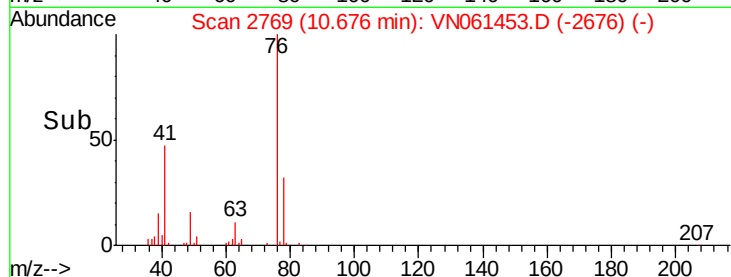
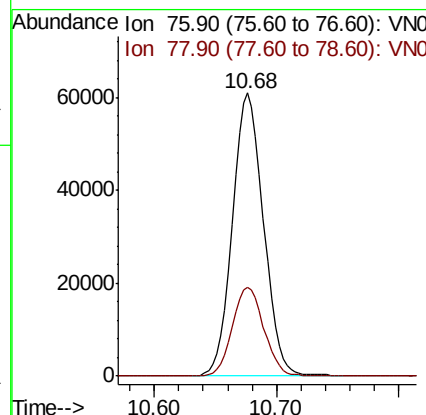
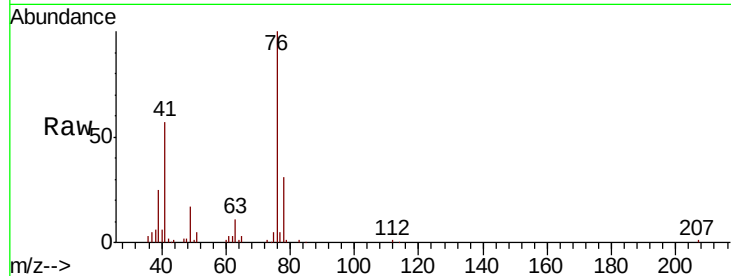




#57
 1,3-Dichloropropane
 Concen: 19.486 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

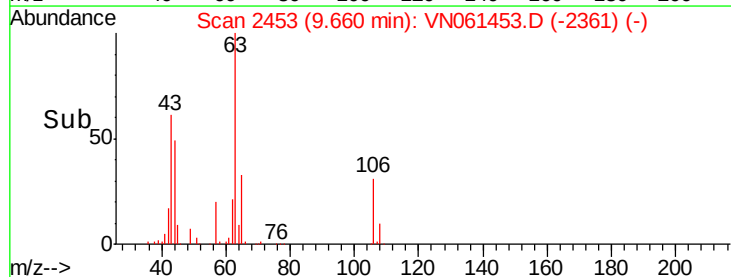
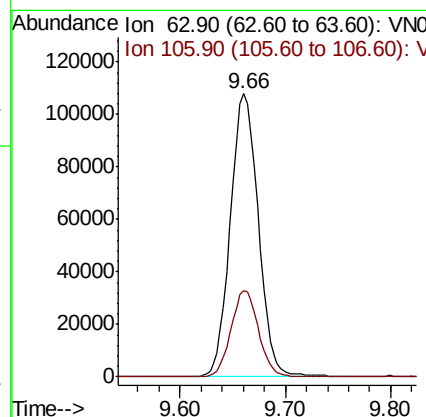
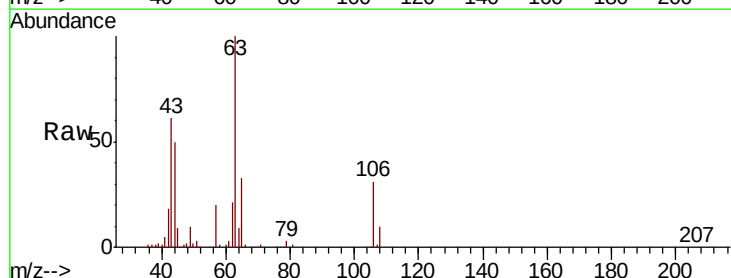
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

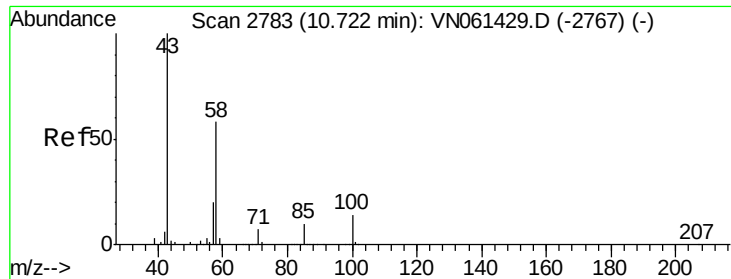
Tot Ion: 76 Resp: 108225
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.145 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion: 63 Resp: 198804
 Ion Ratio Lower Upper
 63 100
 106 30.0 22.7 34.1

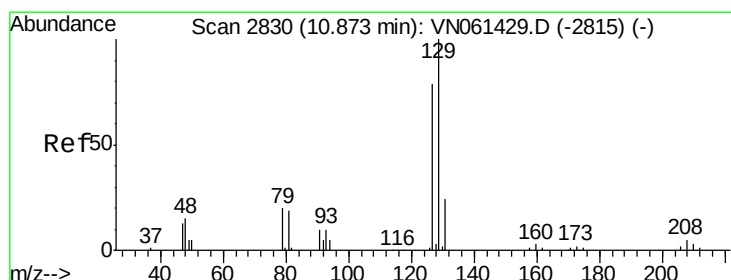
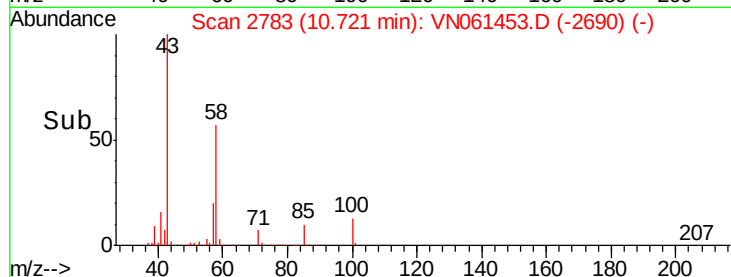
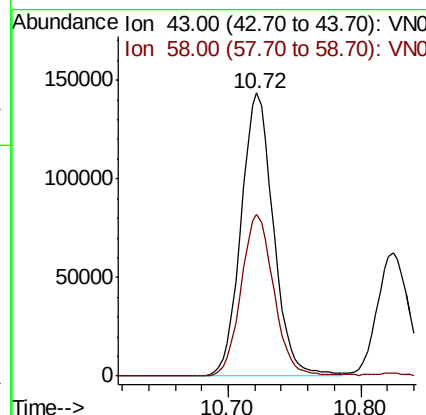
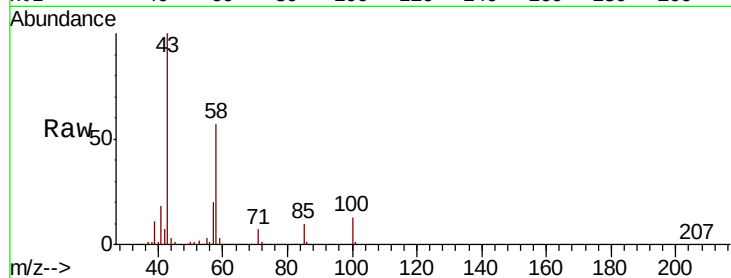




#59
2-Hexanone
Concen: 88.924 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

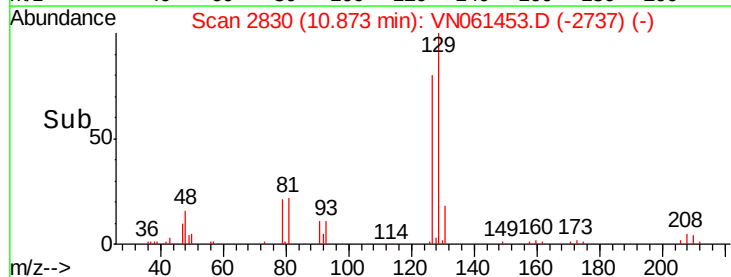
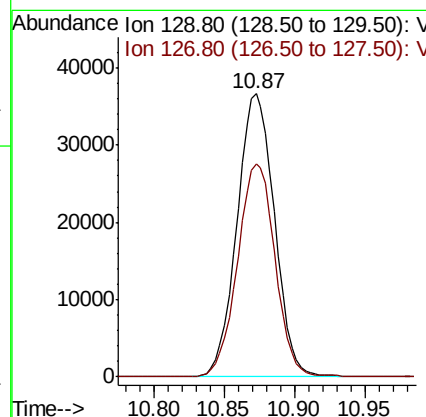
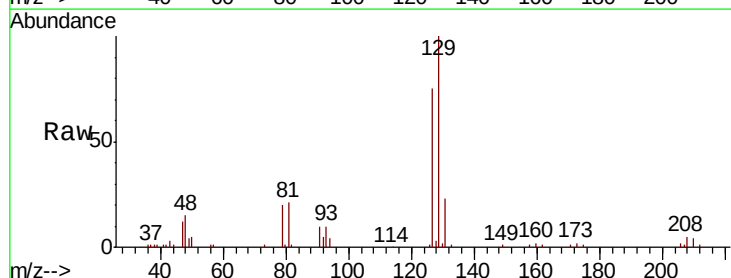
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS02

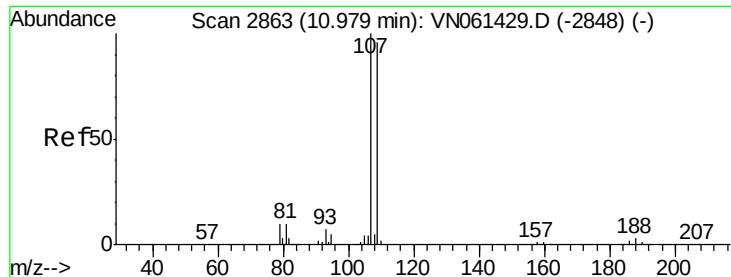
Tot Ion: 43 Resp: 243558
Ion Ratio Lower Upper
43 100
58 58.0 29.2 87.6



#60
Dibromochloromethane
Concen: 19.194 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion: 129 Resp: 68233
Ion Ratio Lower Upper
129 100
127 75.3 38.8 116.3

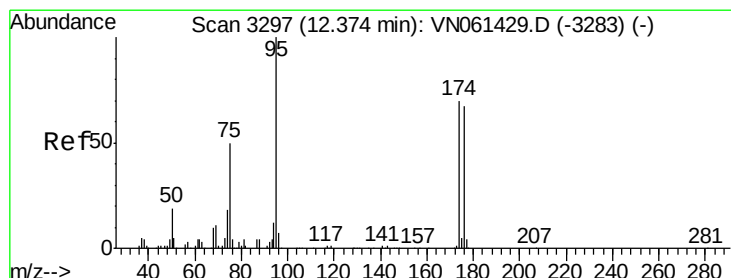
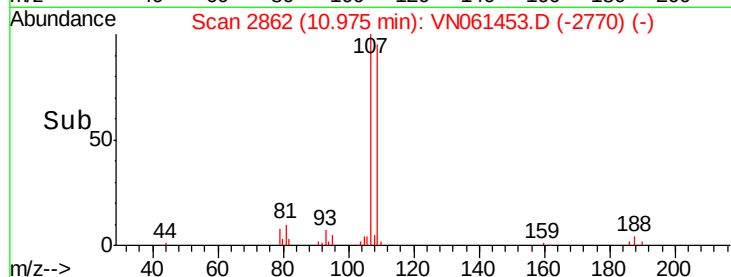
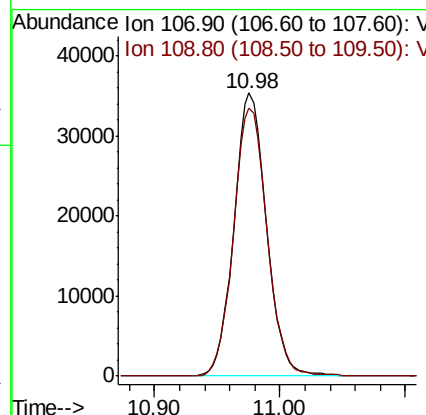
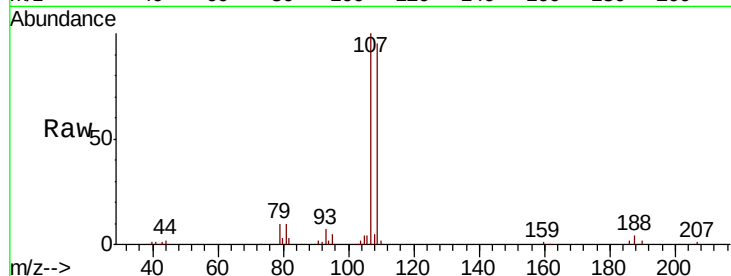




#61
 1,2-Dibromoethane
 Concen: 18.800 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

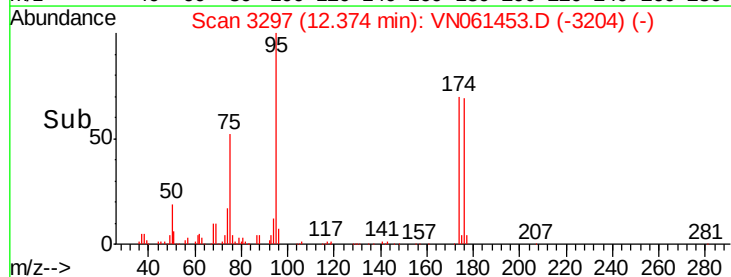
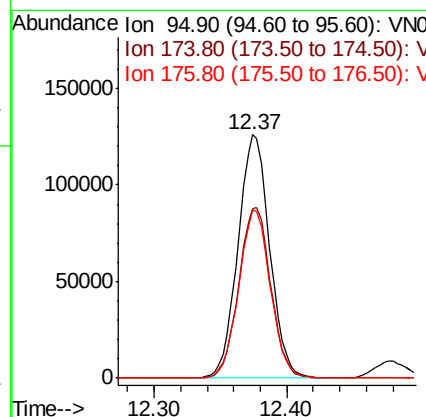
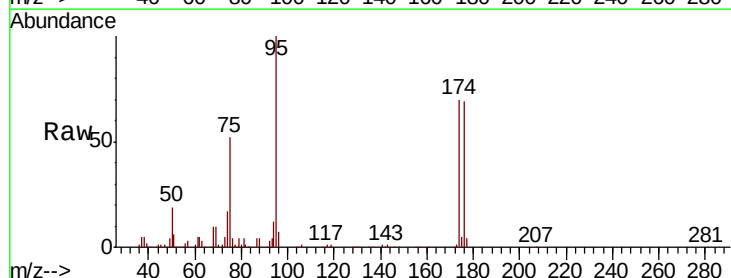
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

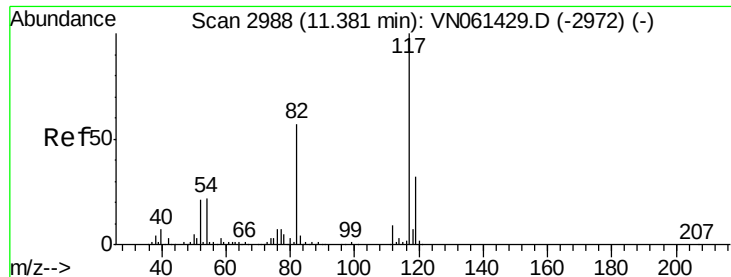
Tot Ion:107 Resp: 63527
 Ion Ratio Lower Upper
 107 100
 109 97.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.016 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion: 95 Resp: 209084
 Ion Ratio Lower Upper
 95 100
 174 70.7 0.0 141.2
 176 68.7 0.0 137.6

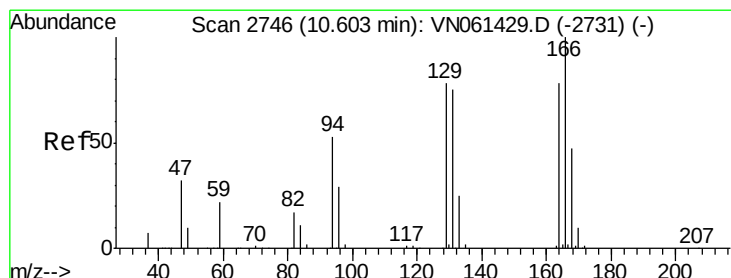
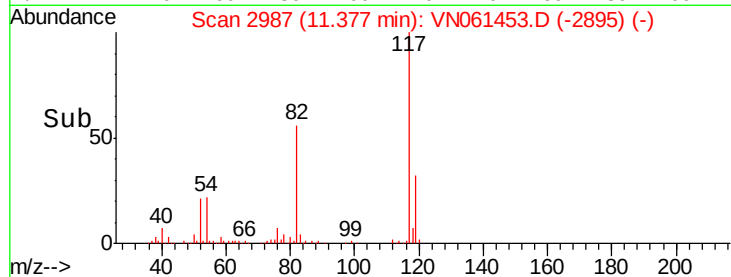
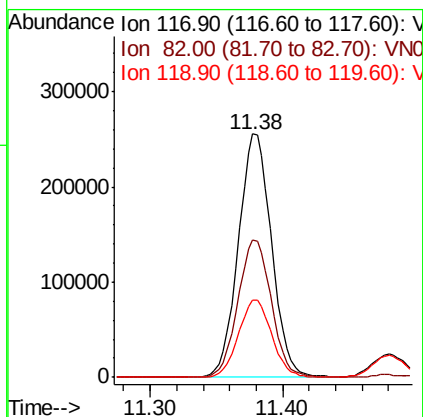
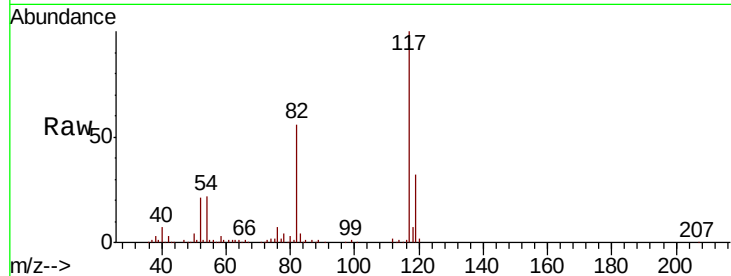




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

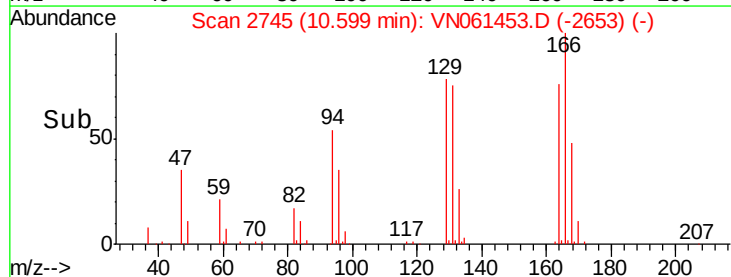
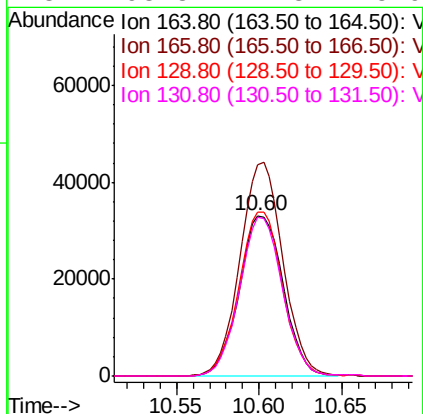
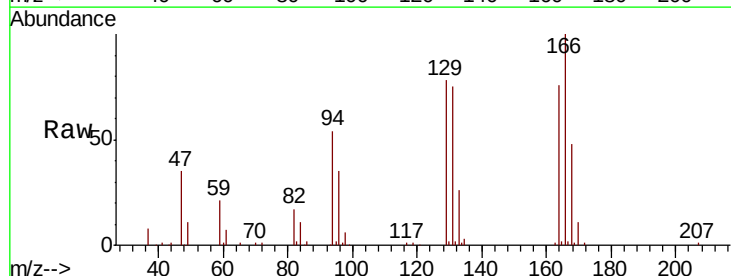
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS02

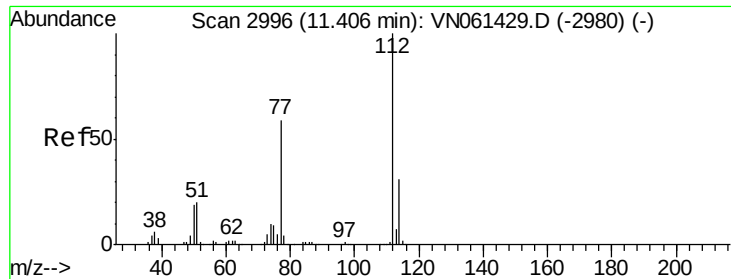
Tot Ion:117 Resp: 444346
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 17.734 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion:164 Resp: 60965
Ion Ratio Lower Upper
164 100
166 131.6 103.2 154.8
129 102.3 81.0 121.4
131 98.8 77.3 115.9

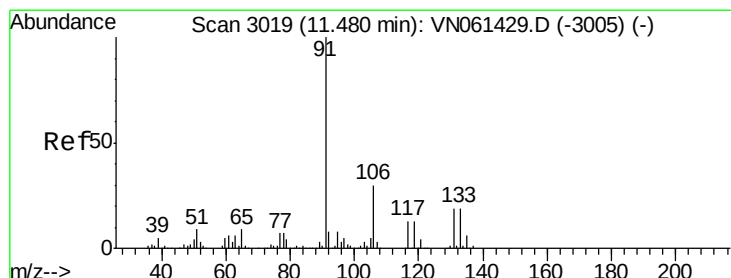
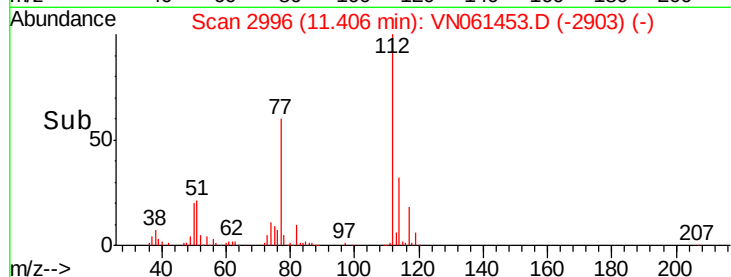
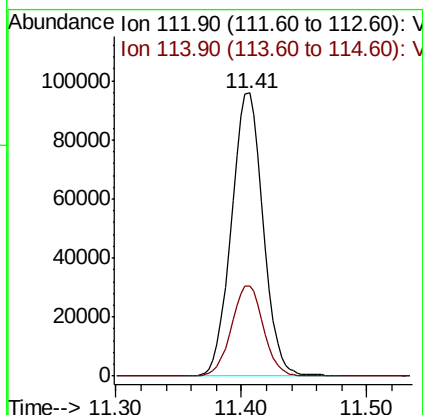
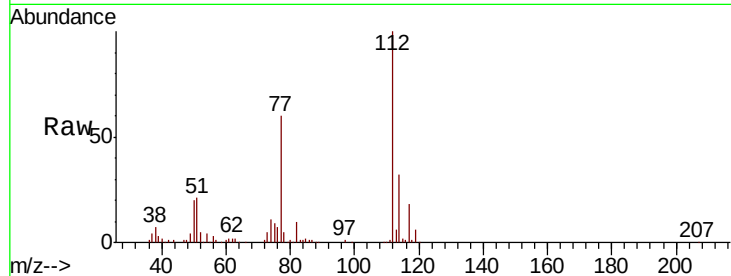




#65
Chlorobenzene
Concen: 18.545 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

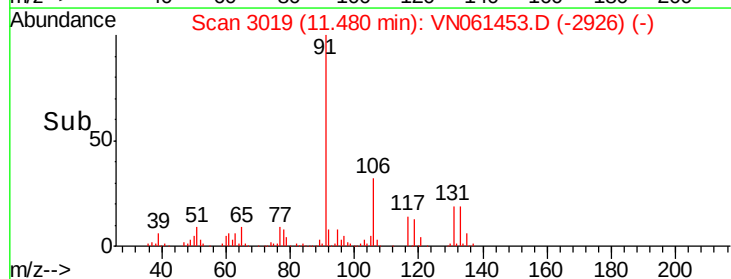
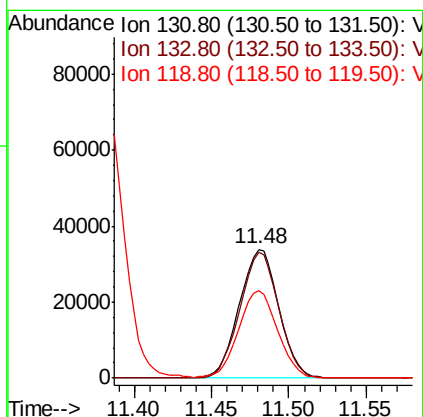
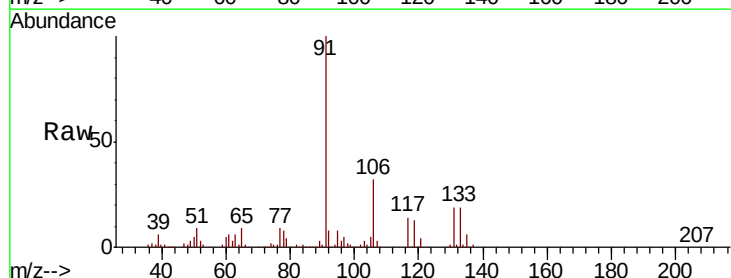
Instrument :
MSVOA_N
ClientSampled :
VN0518WBS02

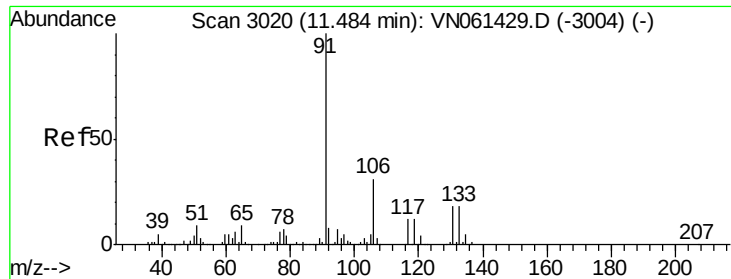
Tot Ion:112 Resp: 168042
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.506 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion:131 Resp: 60117
Ion Ratio Lower Upper
131 100
133 96.3 48.7 146.1
119 67.3 33.8 101.3

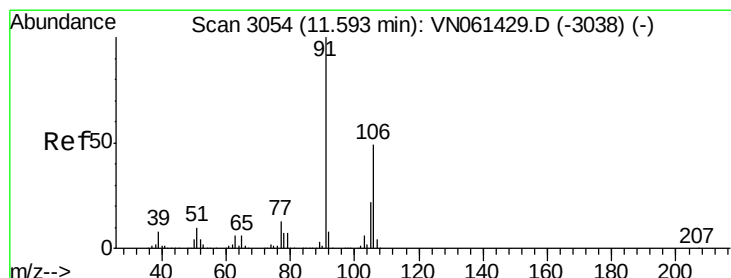
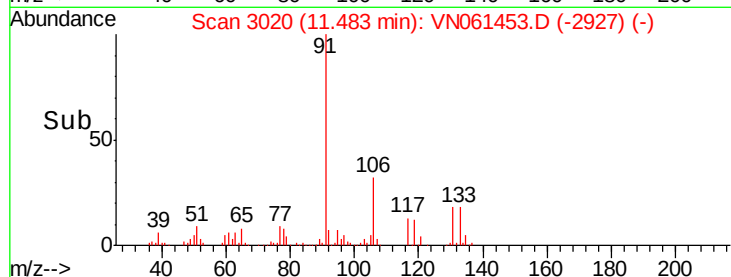
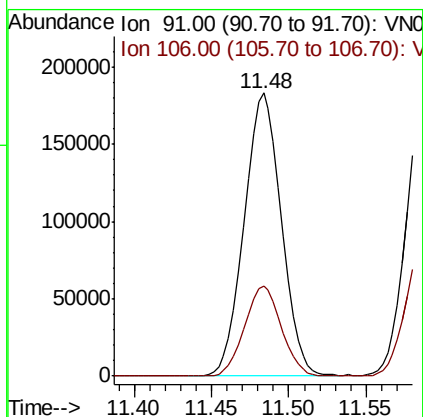
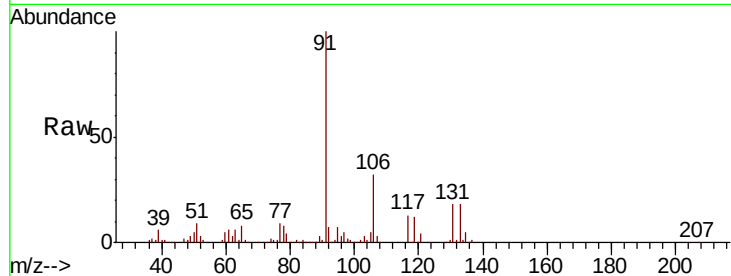




#67
Ethyl Benzene
Concen: 18.534 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

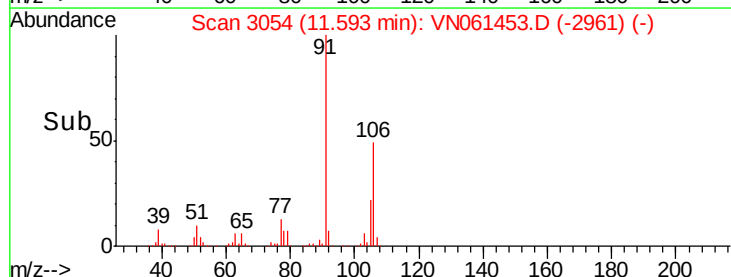
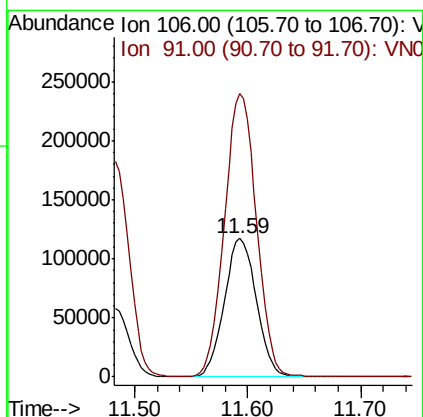
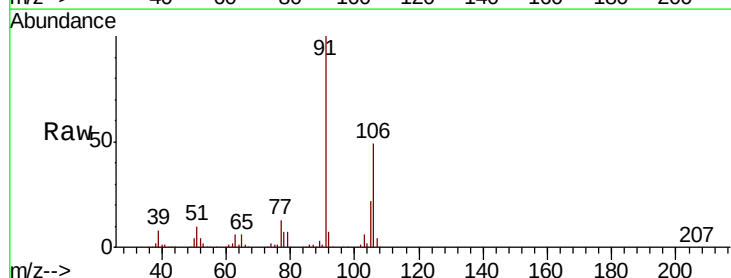
Instrument :
MSVOA_N
ClientSampled :
VN0518WBS02

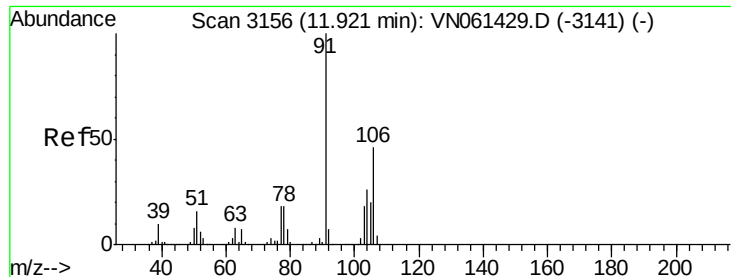
Tot Ion: 91 Resp: 306556
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8



#68
m/p-Xylenes
Concen: 36.810 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion: 106 Resp: 231100
Ion Ratio Lower Upper
106 100
91 203.6 163.0 244.6

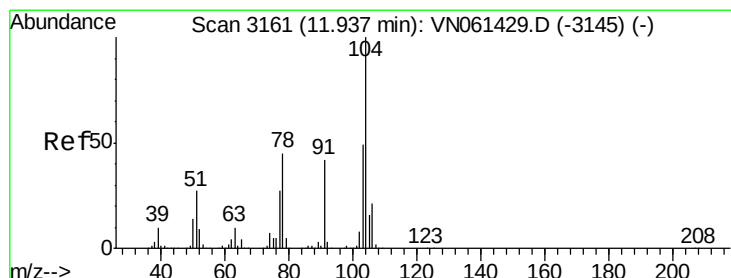
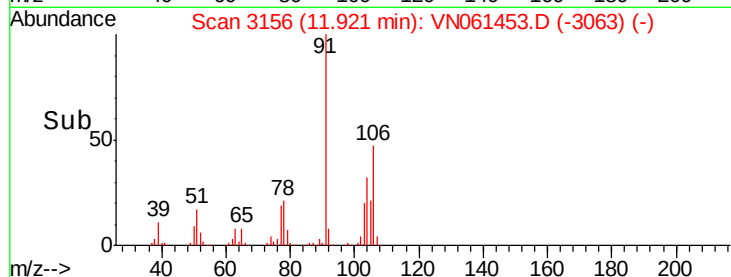
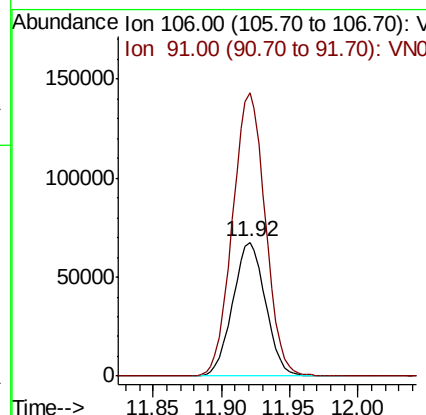
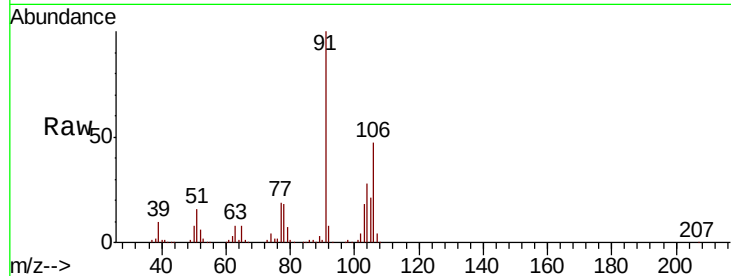




#69
o-Xylene
Concen: 18.543 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

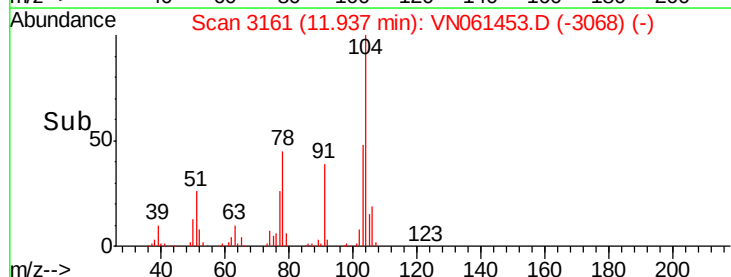
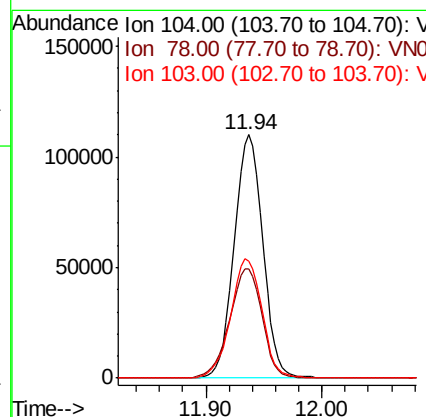
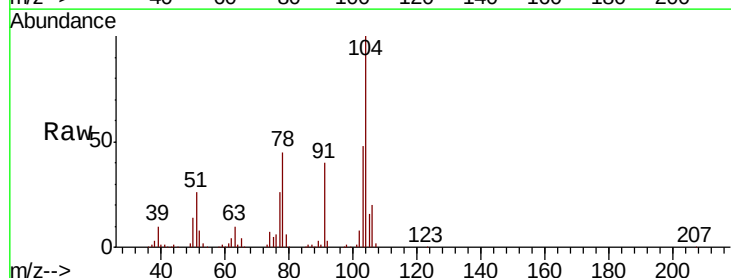
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS02

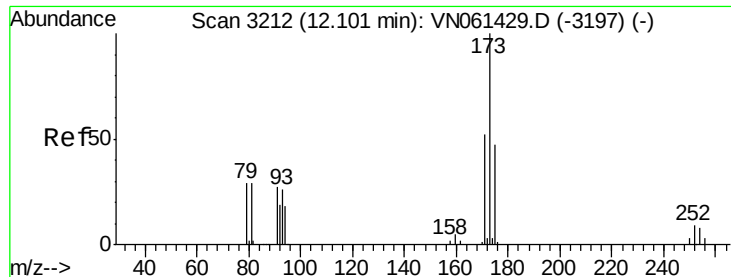
Tot Ion:106 Resp: 112659
Ion Ratio Lower Upper
106 100
91 212.2 107.9 323.7



#70
Styrene
Concen: 18.695 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion:104 Resp: 188084
Ion Ratio Lower Upper
104 100
78 50.6 40.7 61.1
103 53.3 43.0 64.4





#71

Bromoform

Concen: 17.643 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

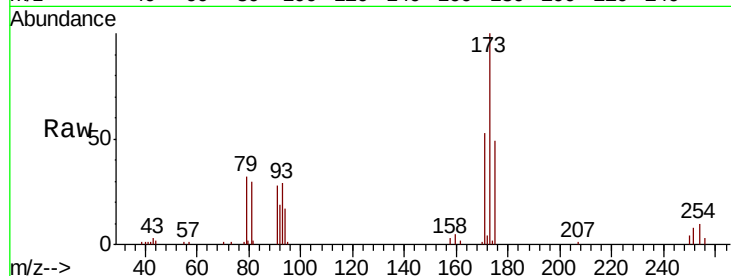
Tot Ion:173 Resp: 41126

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.8

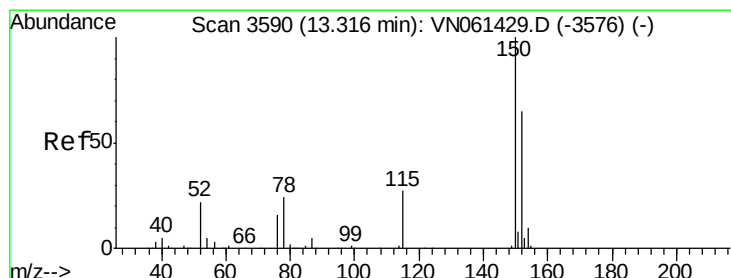
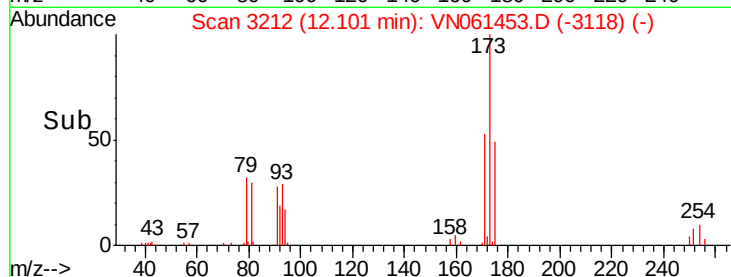
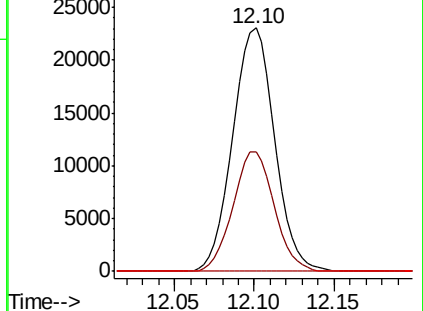
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

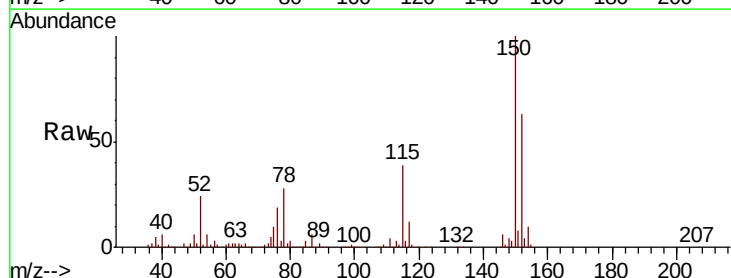
Tgt Ion:152 Resp: 199588

Ion Ratio Lower Upper

152 100

115 62.0 30.9 92.5

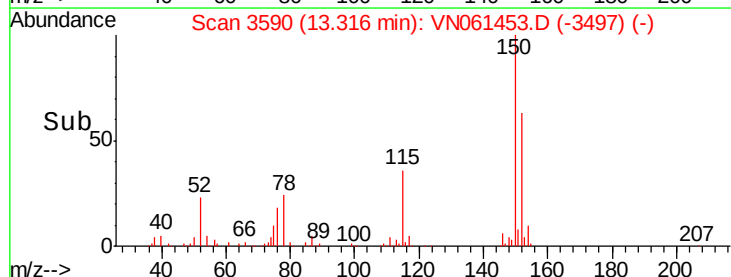
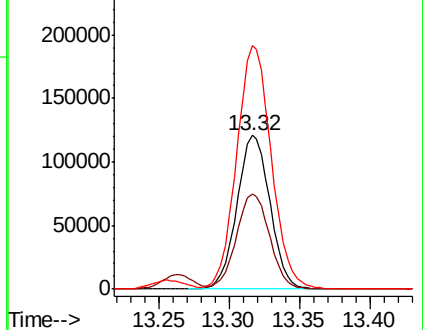
150 165.9 0.0 349.2

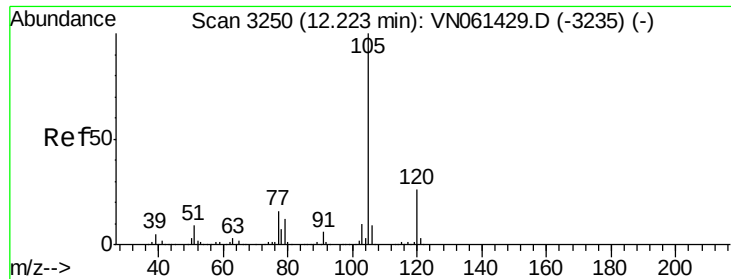


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.070 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

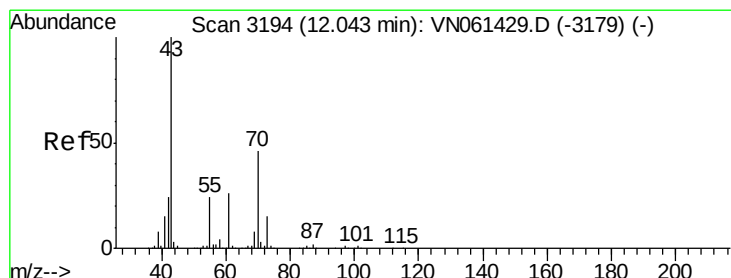
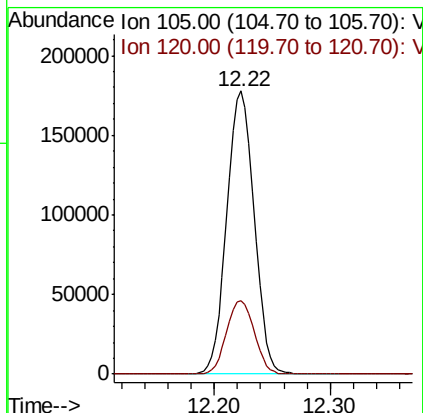
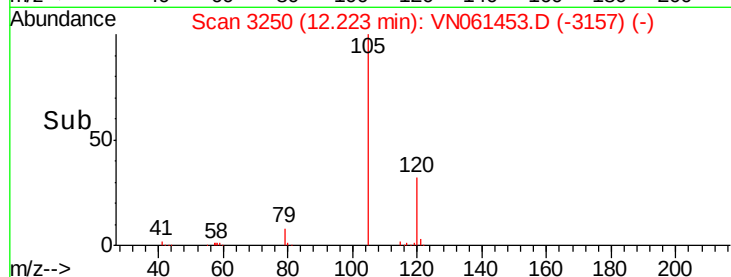
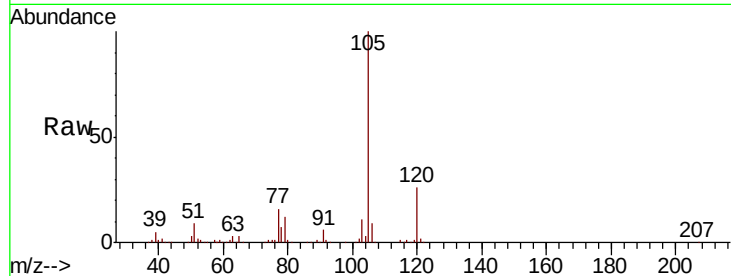
VN0518WBS02

Tot Ion:105 Resp: 289526

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 17.687 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Tgt Ion: 43 Resp: 103732

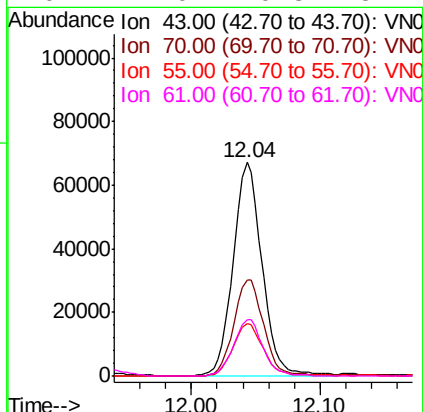
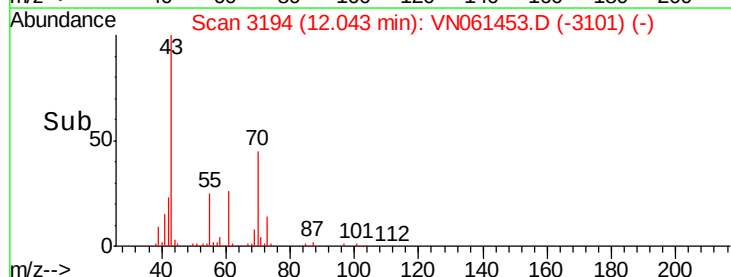
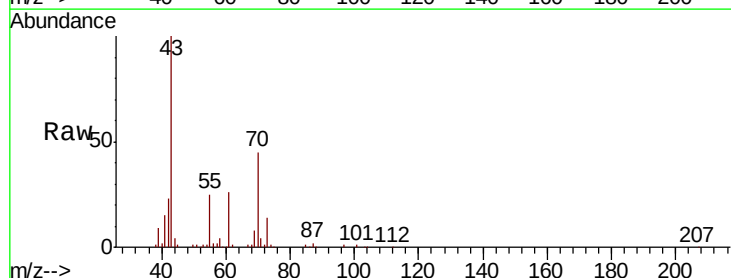
Ion Ratio Lower Upper

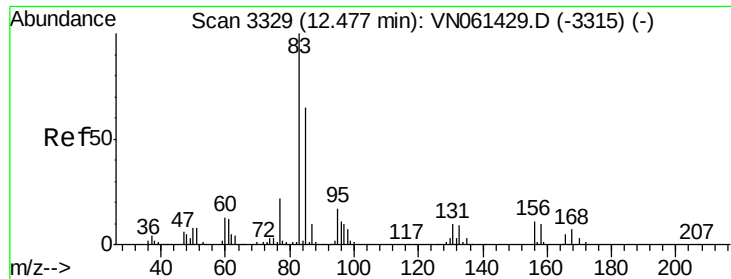
43 100

70 47.1 37.0 55.4

55 26.1 19.5 29.3

61 27.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.411 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

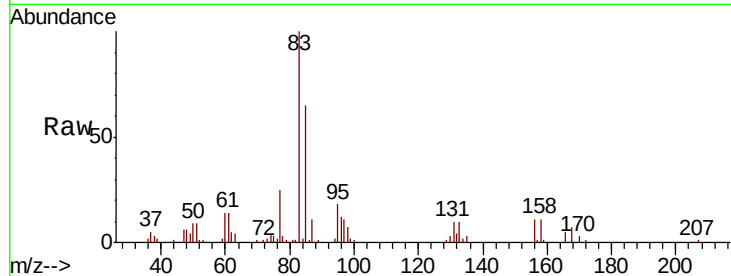
Tot Ion: 83 Resp: 81161

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.4

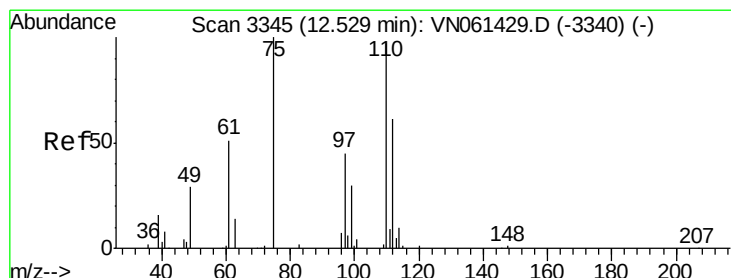
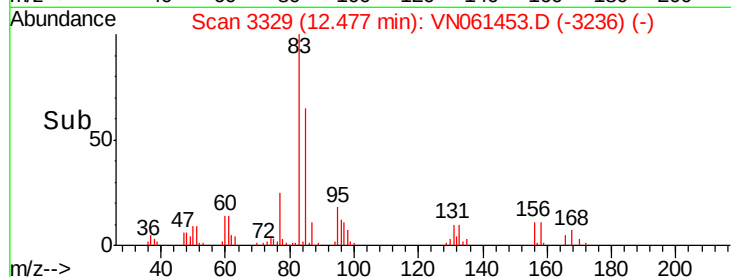
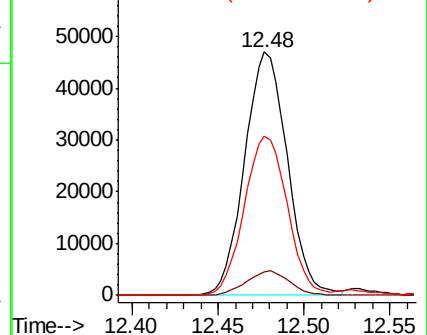
85 65.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.206 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061453.D

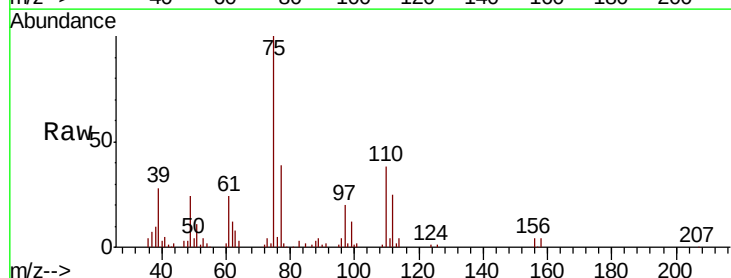
Acq: 19 May 2020 1:44

Tgt Ion: 75 Resp: 107947

Ion Ratio Lower Upper

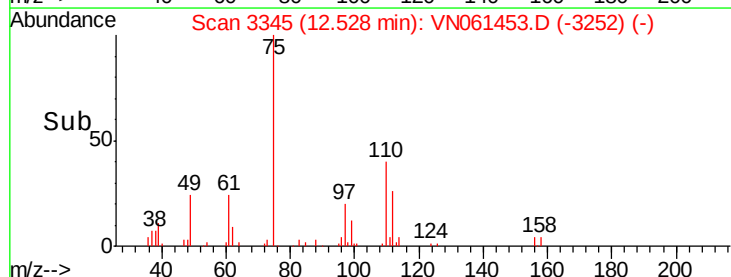
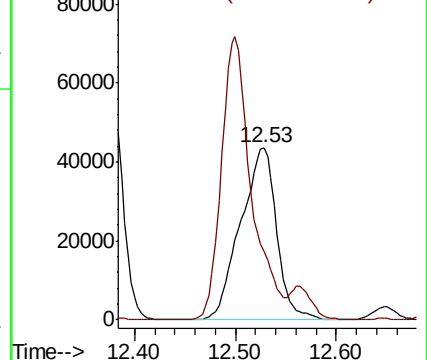
75 100

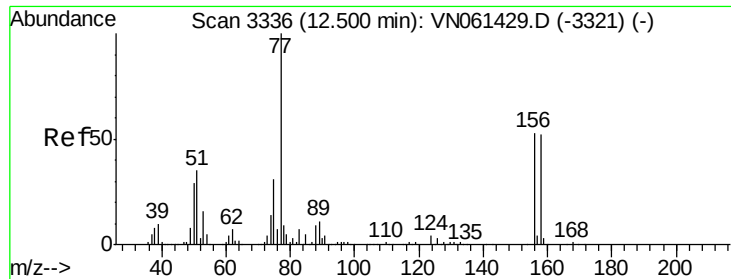
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.142 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

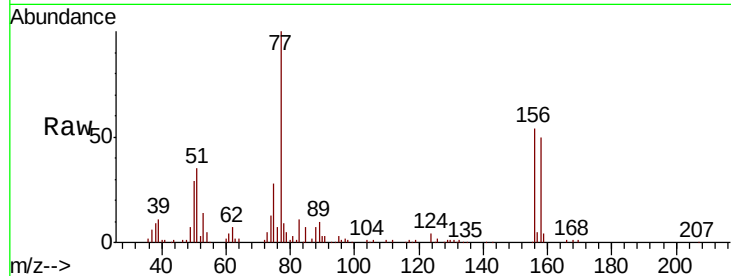
Tot Ion:156 Resp: 66562

Ion Ratio Lower Upper

156 100

77 224.6 112.3 336.9

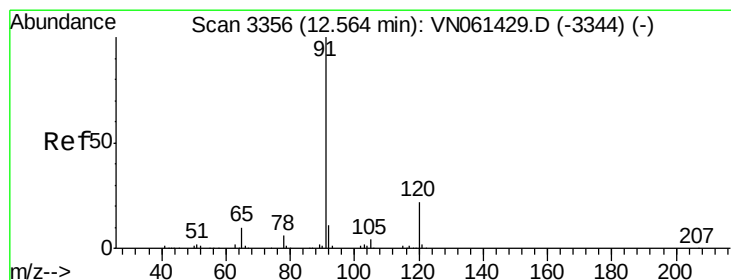
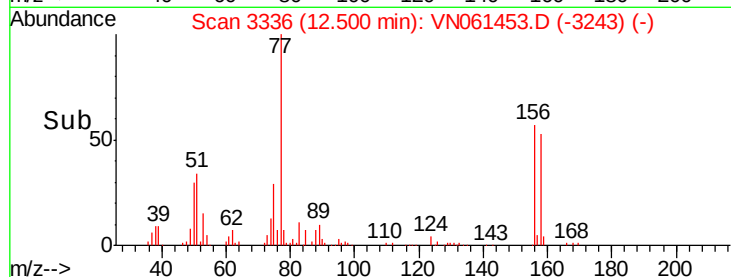
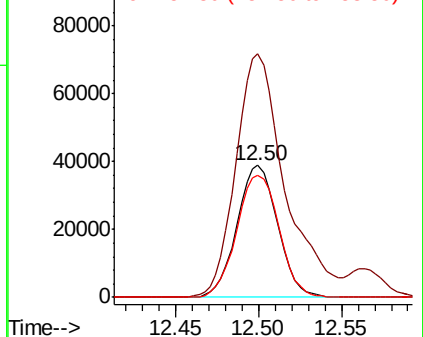
158 96.2 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.071 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061453.D

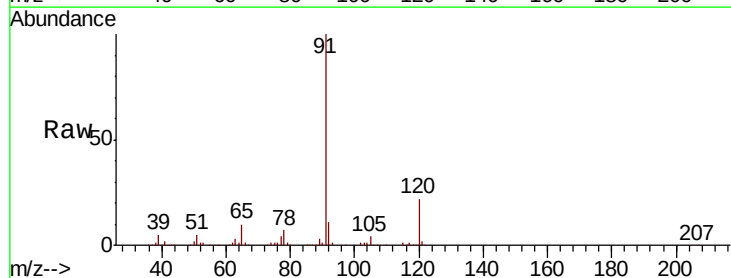
Acq: 19 May 2020 1:44

Tgt Ion: 91 Resp: 329907

Ion Ratio Lower Upper

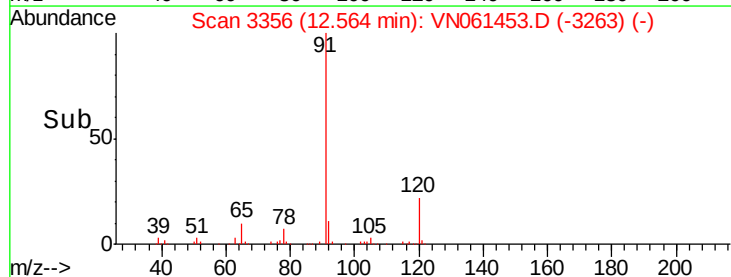
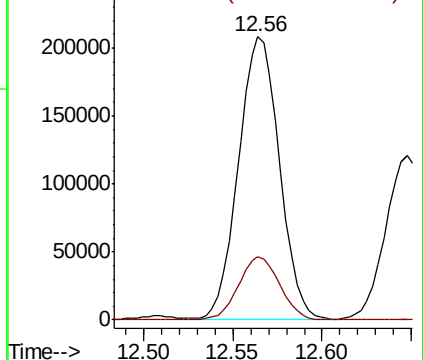
91 100

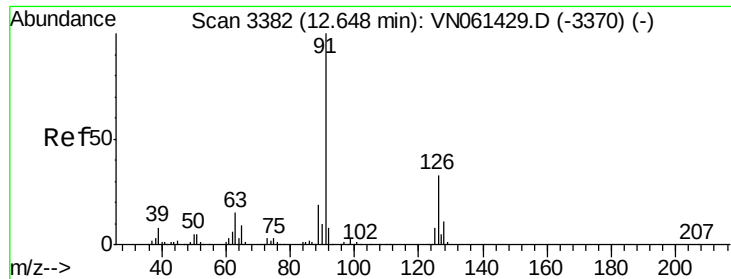
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.606 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

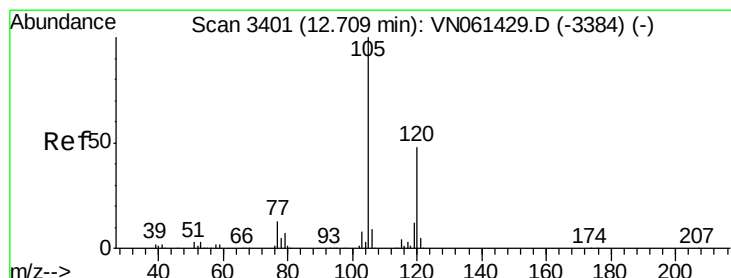
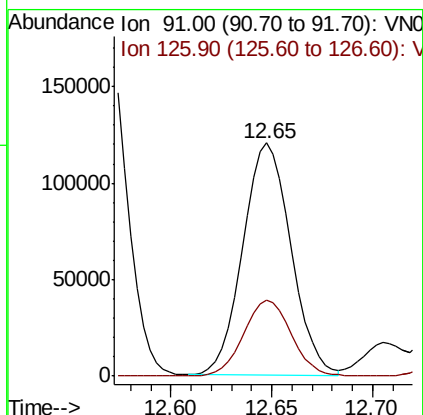
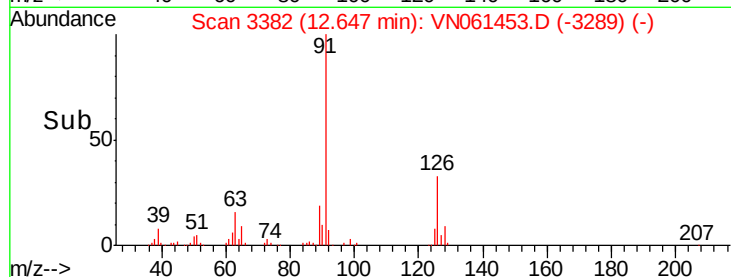
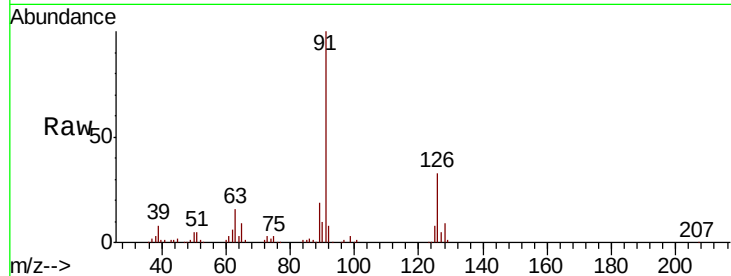
VN0518WBS02

Tot Ion: 91 Resp: 200780

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 18.149 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061453.D

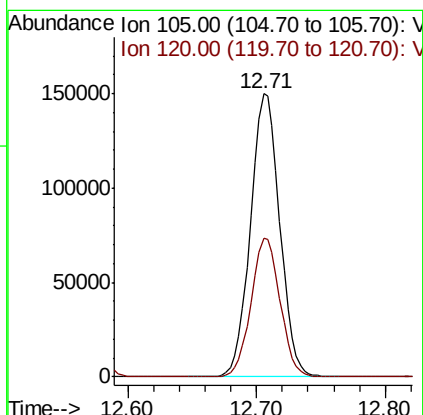
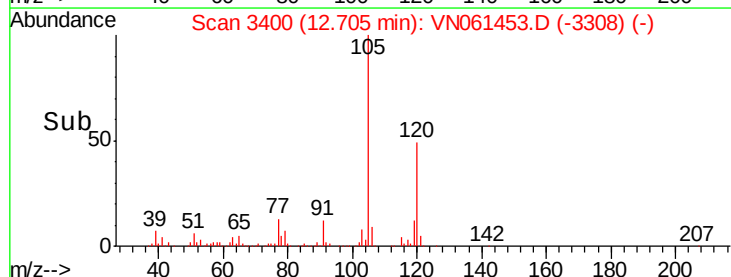
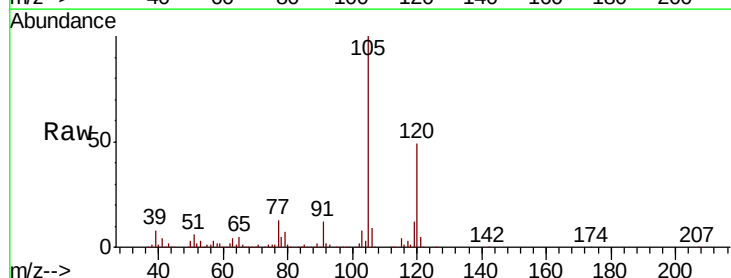
Acq: 19 May 2020 1:44

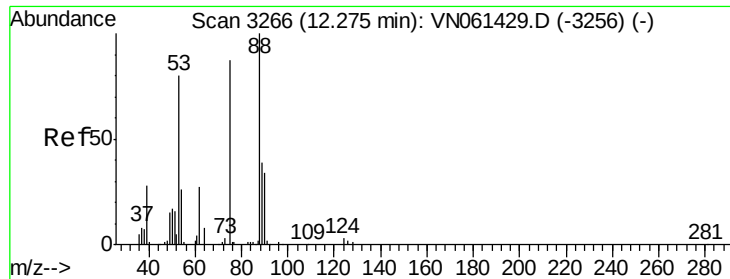
Tgt Ion: 105 Resp: 238105

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.022 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS02

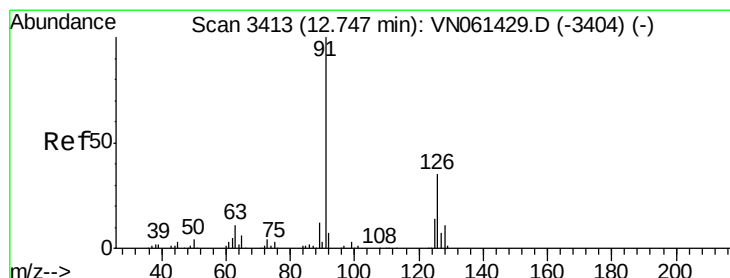
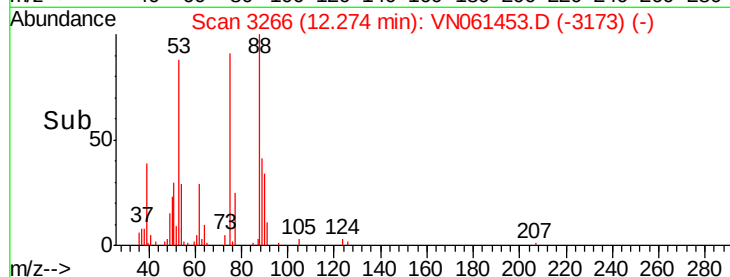
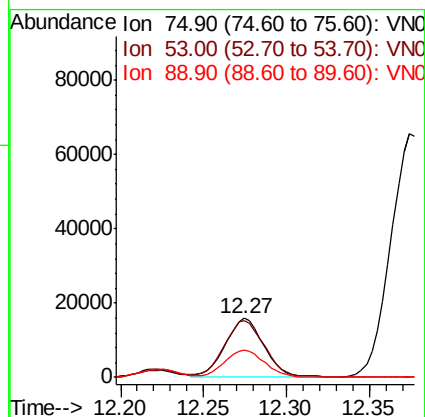
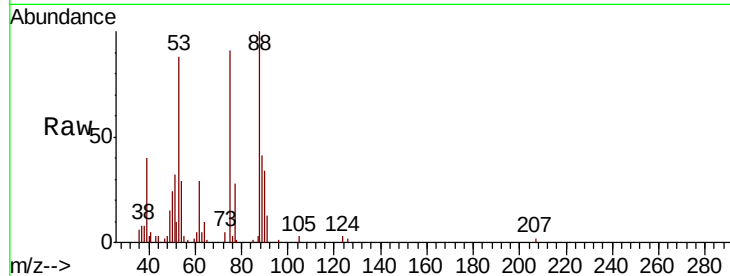
Tot Ion: 75 Resp: 25866

Ion Ratio Lower Upper

75 100

53 98.6 75.2 112.8

89 47.0 38.2 57.4



#82

4-Chlorotoluene

Concen: 18.651 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061453.D

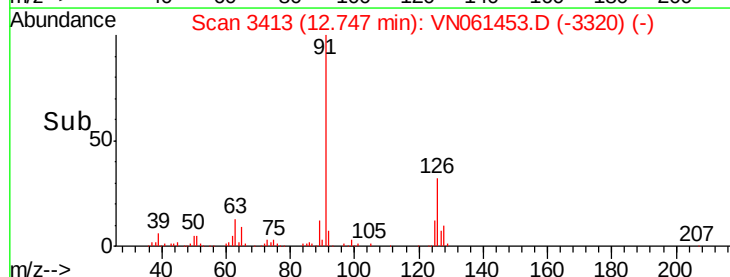
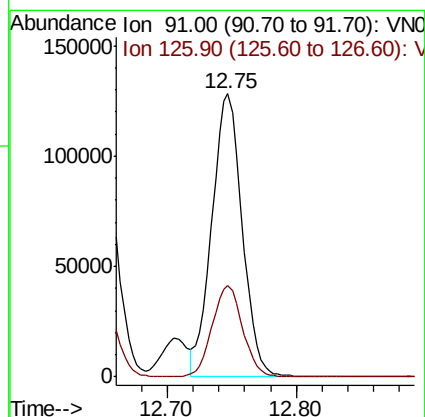
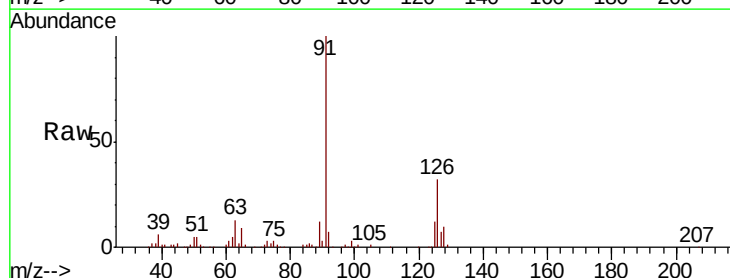
Acq: 19 May 2020 1:44

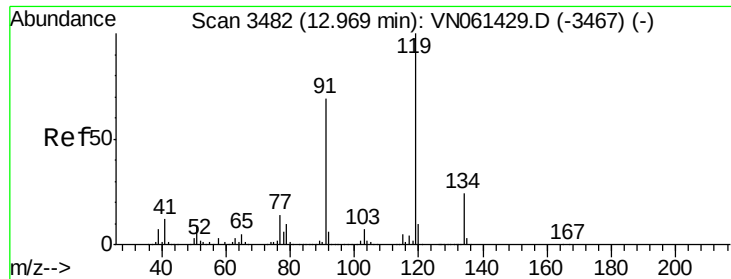
Tgt Ion: 91 Resp: 208395

Ion Ratio Lower Upper

91 100

126 32.6 16.1 48.2

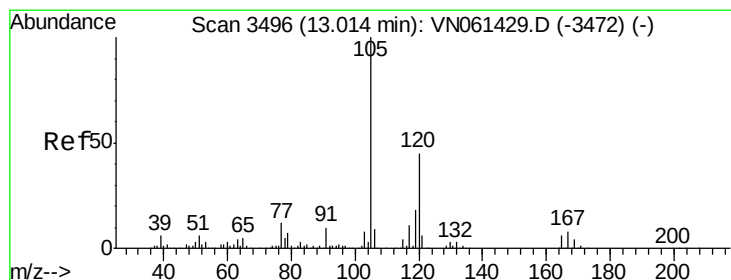
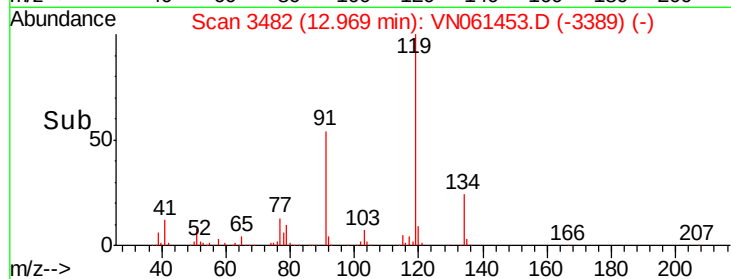
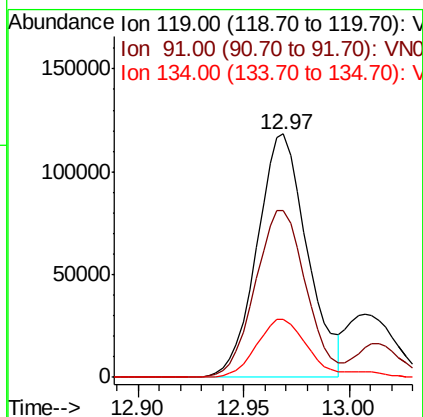
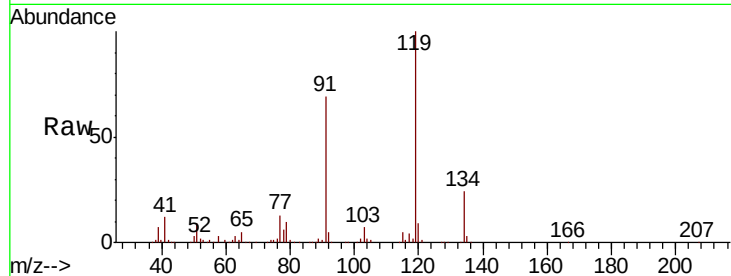




#83
 tert-Butylbenzene
 Concen: 17.412 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

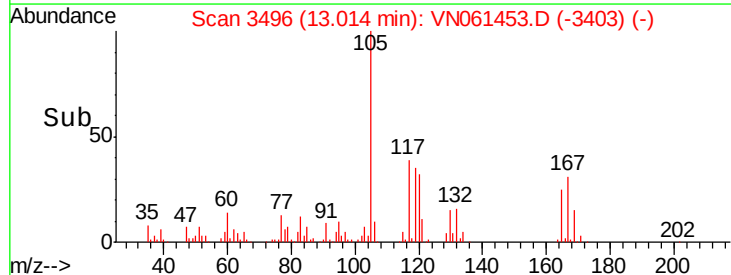
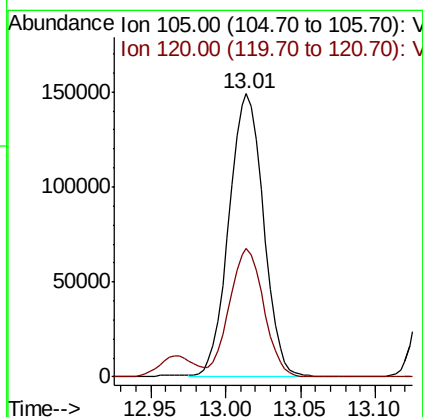
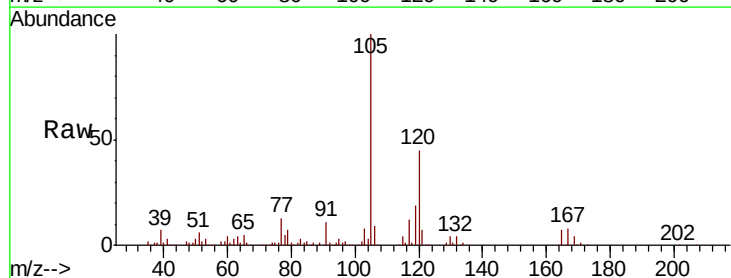
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

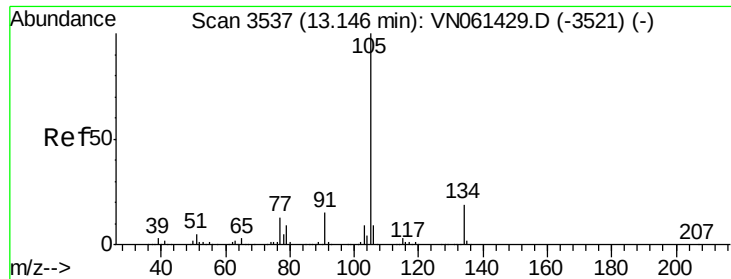
Tot Ion:119 Resp: 195667
 Ion Ratio Lower Upper
 119 100
 91 69.3 33.7 101.0
 134 25.6 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.157 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion:105 Resp: 238390
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 16.922 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampleId :

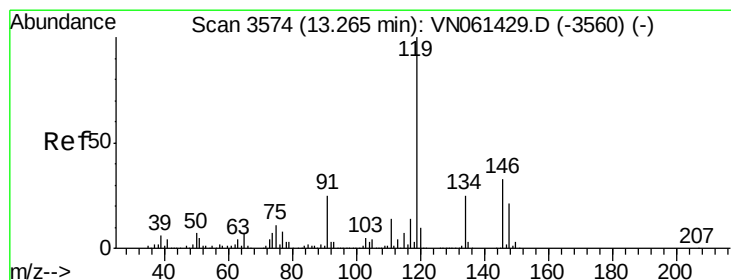
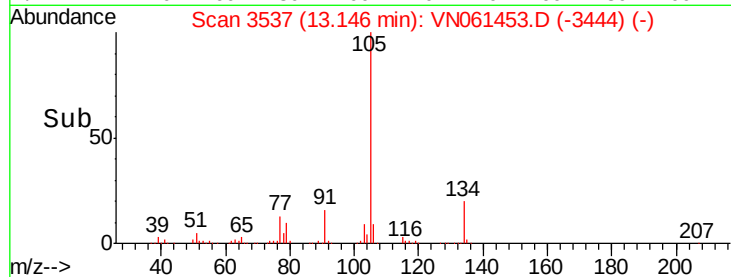
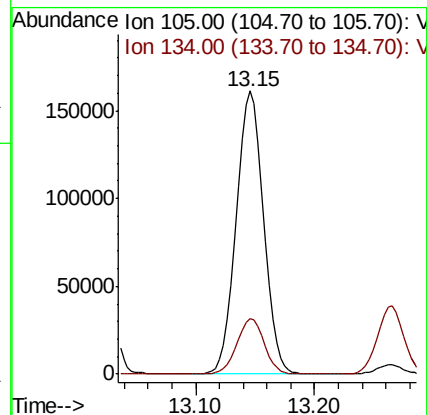
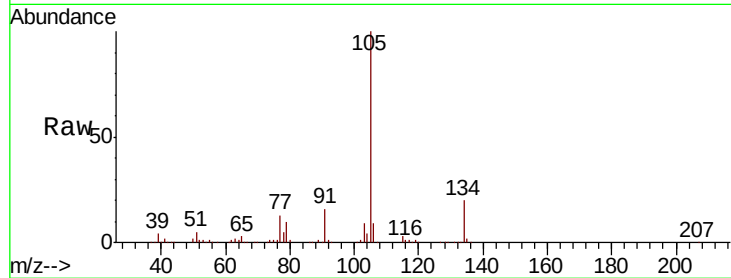
VN0518WBS02

Tot Ion:105 Resp: 257137

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 17.026 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

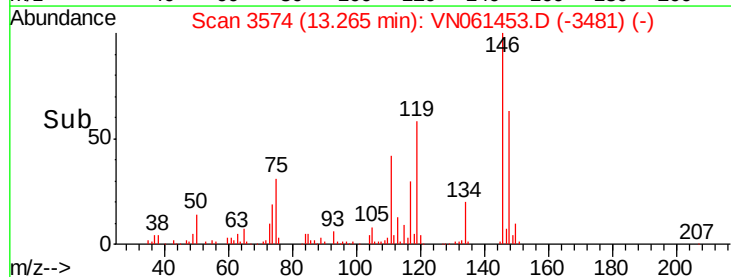
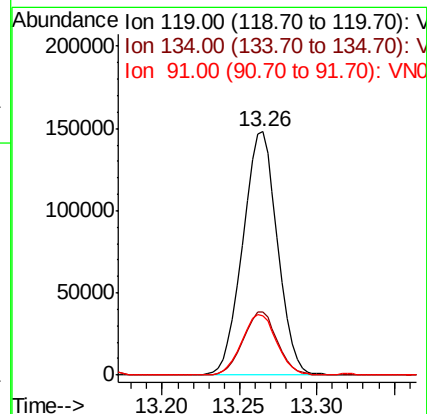
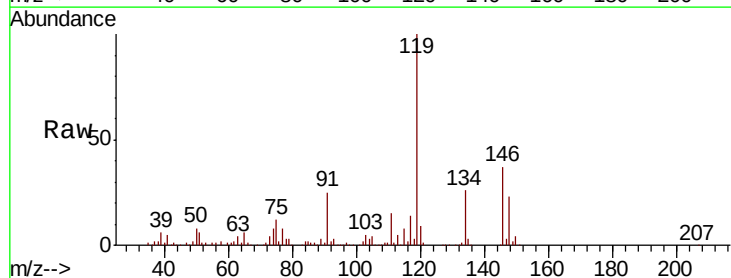
Tgt Ion:119 Resp: 229745

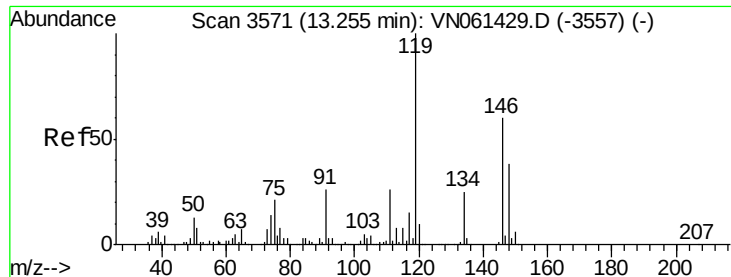
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

91 25.4 12.6 37.6

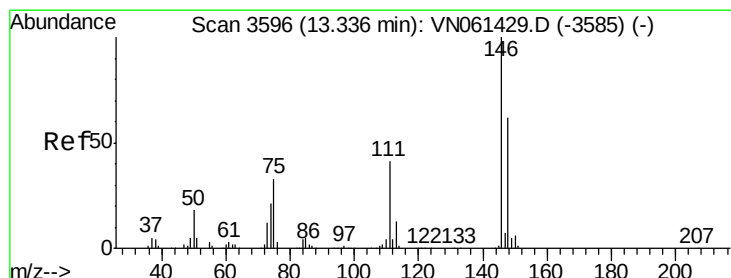
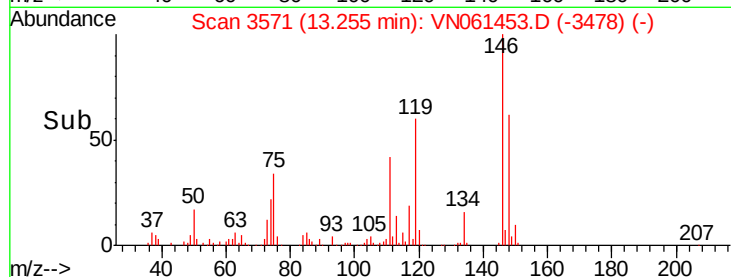
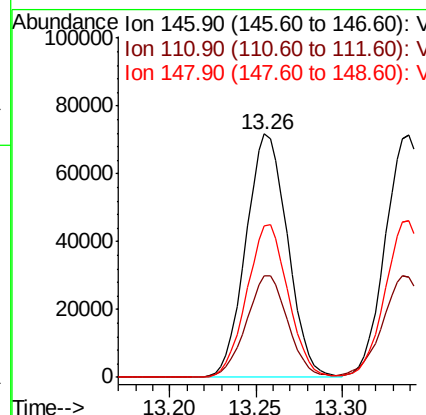
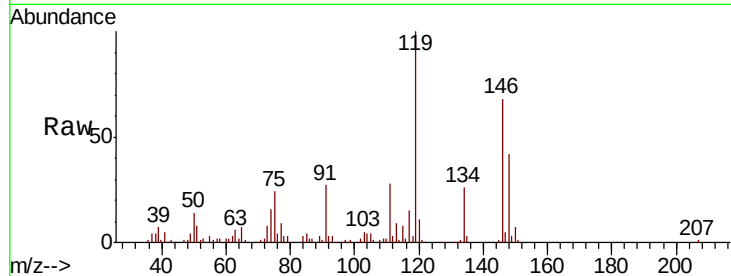




#87
 1,3-Dichlorobenzene
 Concen: 18.955 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

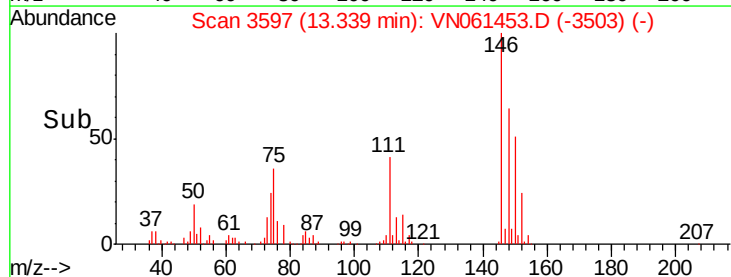
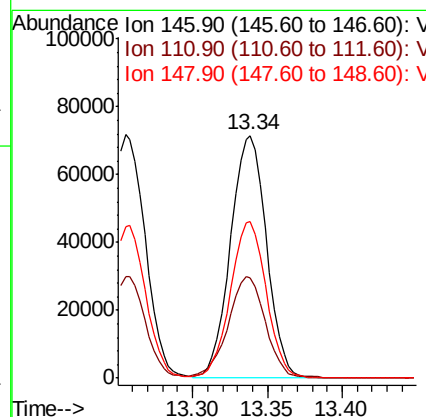
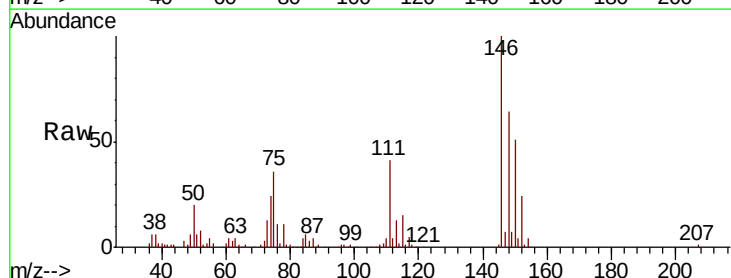
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

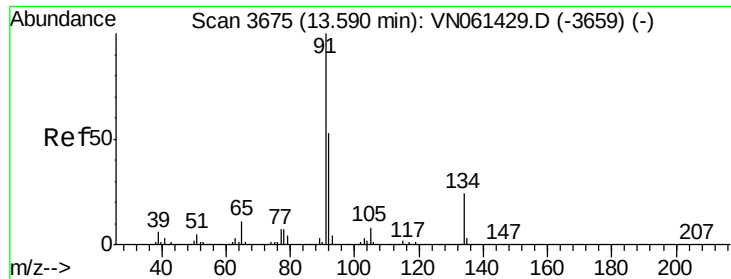
Tot Ion:146 Resp: 120631
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.5 64.5
 148 62.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.815 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion:146 Resp: 119913
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.8 62.5
 148 64.7 31.6 94.8





#89

n-Butylbenzene

Concen: 16.313 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061453.D

Acq: 19 May 2020 1:44

Instrument :

MSVOA_N

ClientSampled :

VN0518WBS02

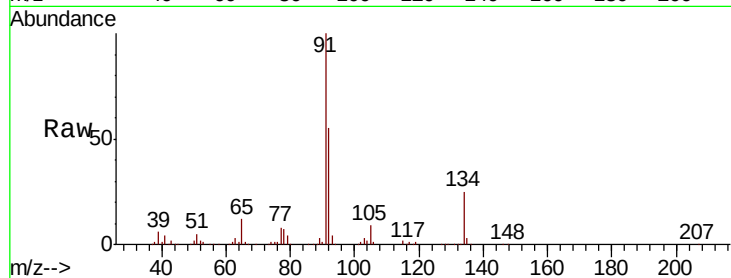
Tot Ion: 91 Resp: 199982

Ion Ratio Lower Upper

91 100

92 54.5 26.8 80.3

134 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3659) (-)

Ion 92.00 (91.70 to 92.70): VN061429.D (-3659) (-)

Ion 134.00 (133.70 to 134.70): VN061429.D (-3659) (-)

13.59

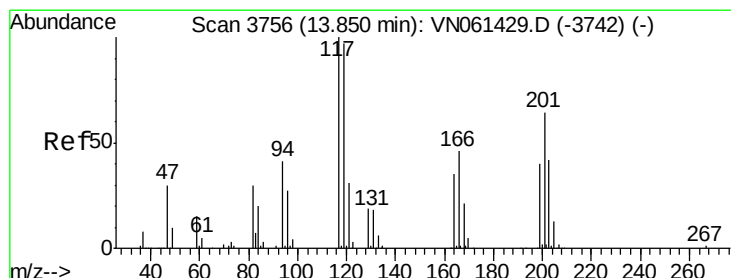
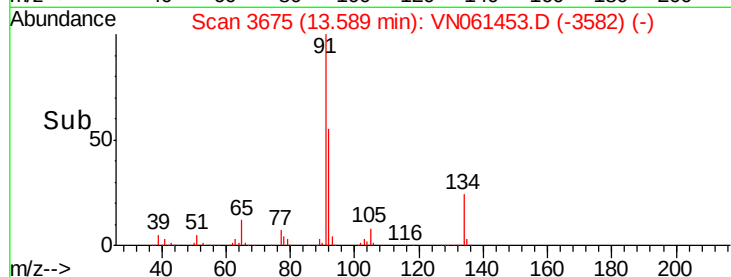
150000

100000

50000

0

Time-->



#90

Hexachloroethane

Concen: 17.230 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061453.D

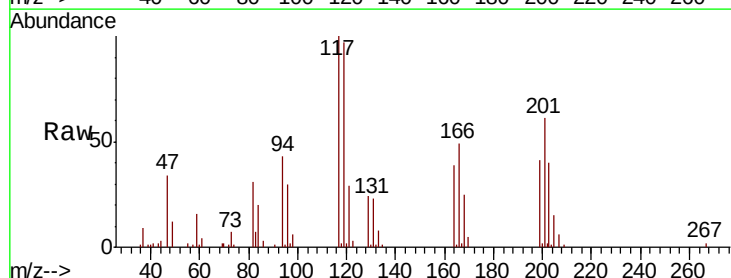
Acq: 19 May 2020 1:44

Tgt Ion: 117 Resp: 31509

Ion Ratio Lower Upper

117 100

201 63.1 32.9 98.7



Abundance Ion 116.80 (116.50 to 117.50): VN061429.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061429.D (-3742) (-)

13.85

20000

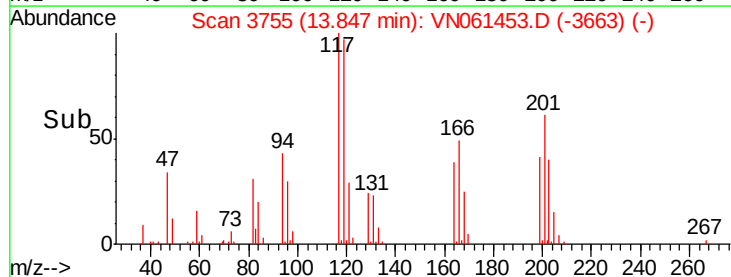
15000

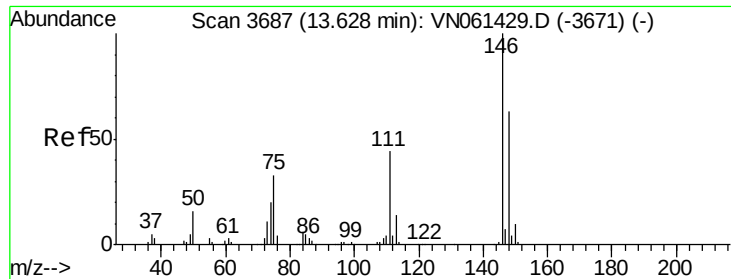
10000

5000

0

Time-->

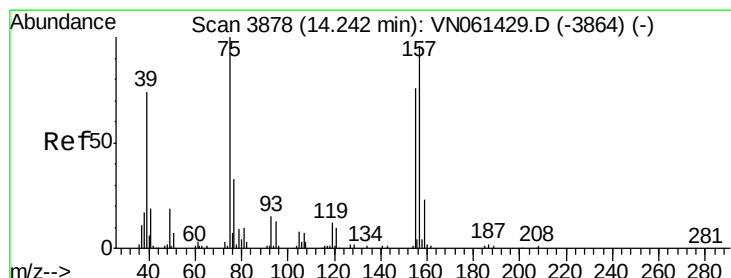
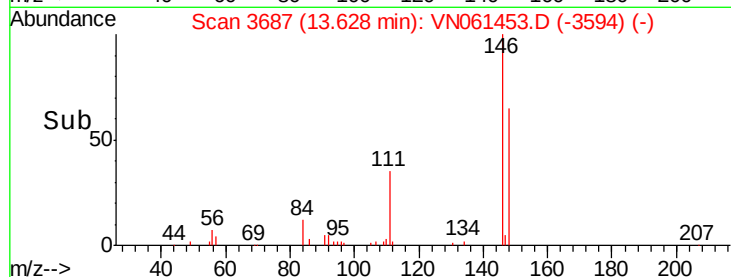
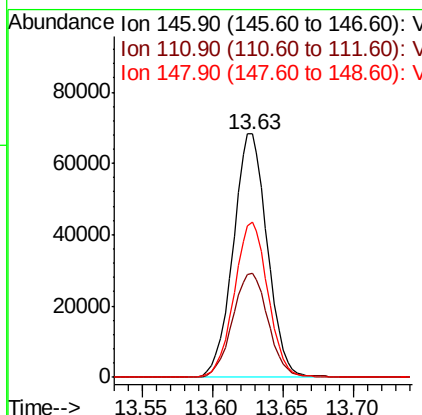
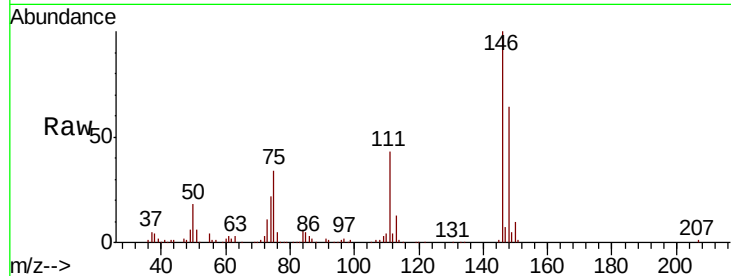




#91
 1,2-Dichlorobenzene
 Concen: 18.941 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

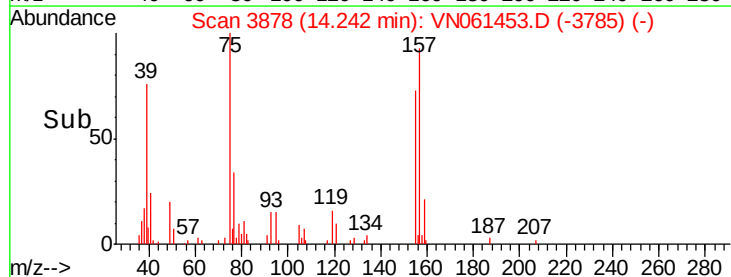
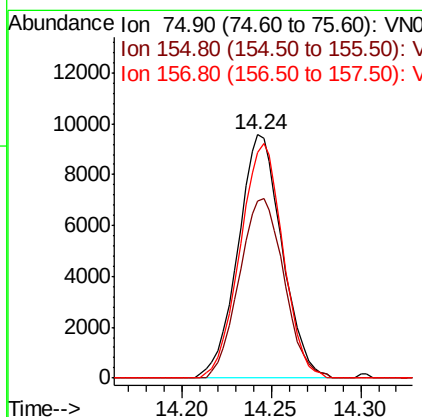
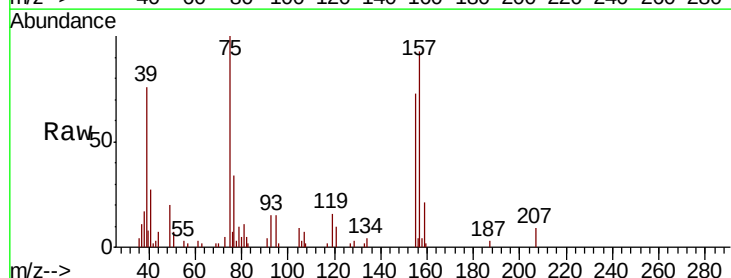
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

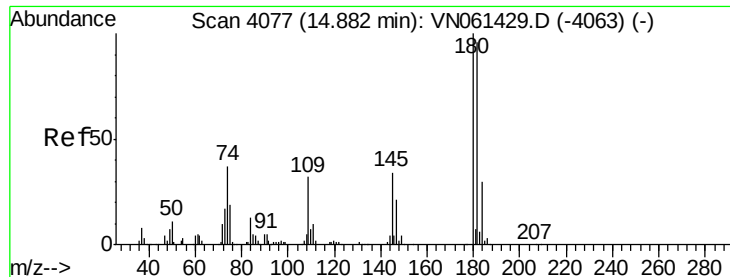
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.9	65.7
148	63.0	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.523 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	38.9	116.7
157	93.8	48.6	145.8

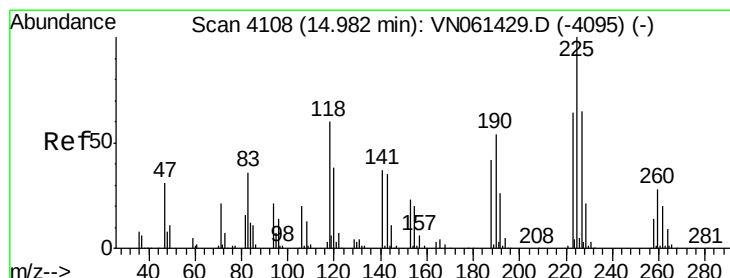
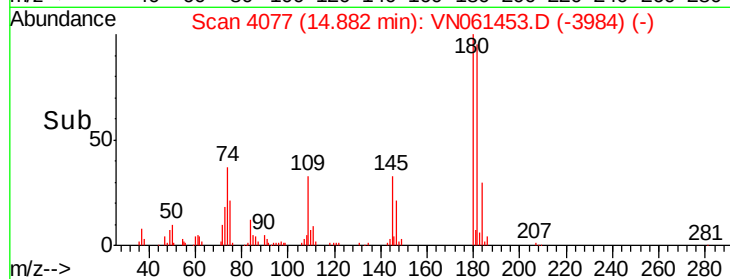
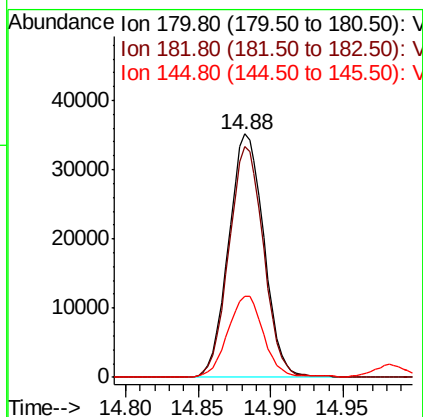
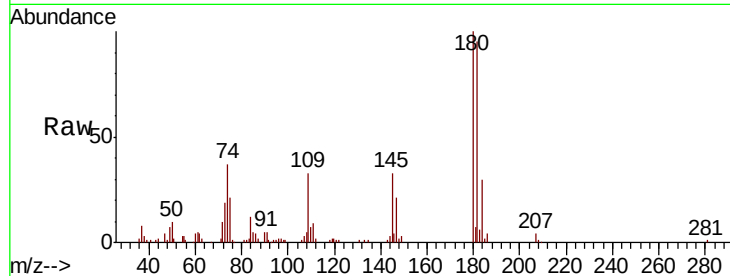




#93
 1,2,4-Trichlorobenzene
 Concen: 17.985 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

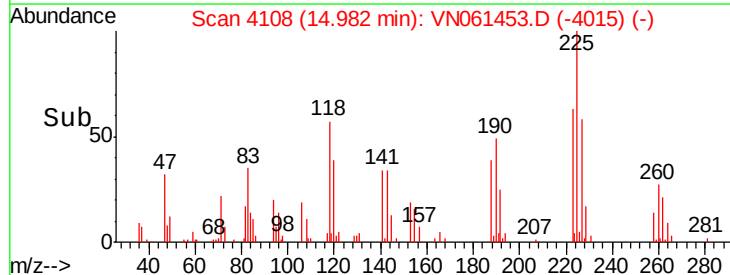
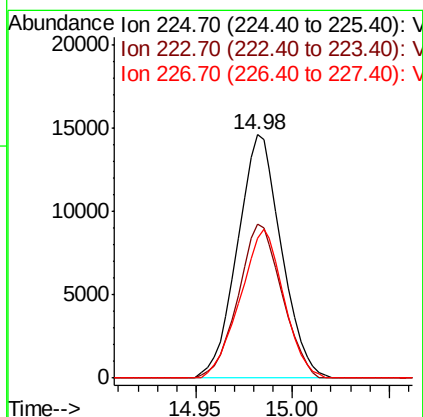
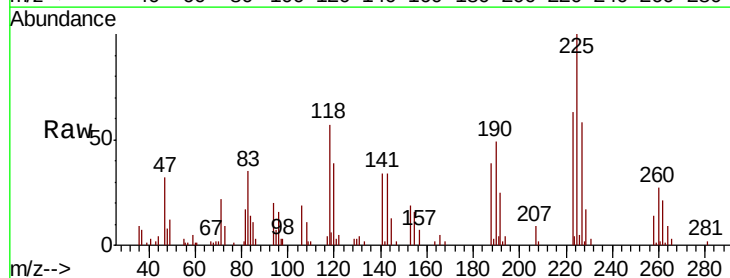
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS02

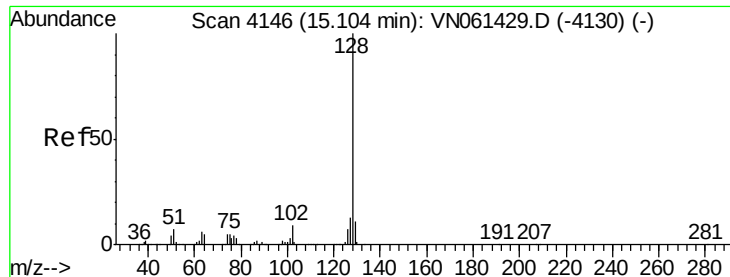
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.0	141.0
145	33.7	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 15.610 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061453.D
 Acq: 19 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.7
227	60.8	31.5	94.5

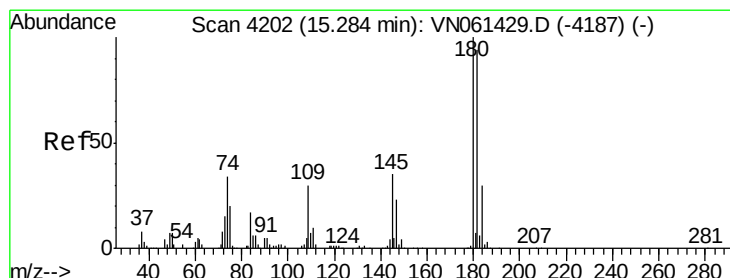
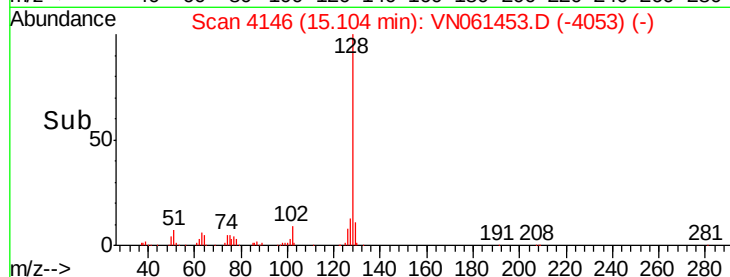
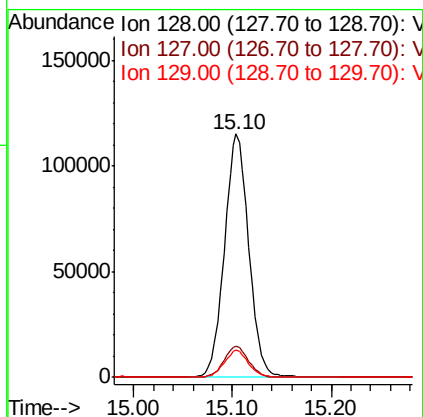
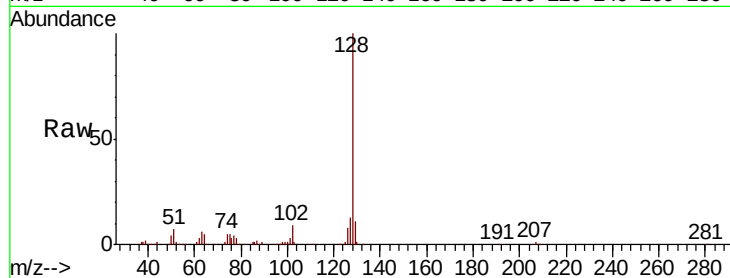




#95
Naphthalene
Concen: 18.966 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS02

Tot Ion:128 Resp: 199574
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.209 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061453.D
Acq: 19 May 2020 1:44

Tgt Ion:180 Resp: 60002
Ion Ratio Lower Upper
180 100
182 91.3 47.8 143.3
145 34.1 17.3 51.9

