

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061522.D
 Acq On : 21 May 2020 11:52
 Operator : JC/MD
 Sample : VN0521WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

Quant Time: May 22 07:46:25 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	321879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	564936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	525603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	249657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	208868	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	7.54	113	155834	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.06	98	671151	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.37	95	248101	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	54724	20.447	ug/l	98
3) Chloromethane	2.03	50	74171	16.991	ug/l	99
4) Vinyl Chloride	2.16	62	106633	17.068	ug/l	100
5) Bromomethane	2.54	94	62940	17.314	ug/l	97
6) Chloroethane	2.67	64	70629	16.796	ug/l	98
7) Trichlorofluoromethane	2.98	101	155929	20.558	ug/l	99
8) Diethyl Ether	3.37	74	42855	19.398	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	66922	21.217	ug/l	97
10) Methyl Iodide	3.91	142	81692	21.324	ug/l	98
11) Tert butyl alcohol	4.73	59	54498	98.457	ug/l	97
12) 1,1-Dichloroethene	3.69	96	65007	19.703	ug/l	90
13) Acrolein	3.56	56	36215	78.479	ug/l	97
14) Allyl chloride	4.27	41	90529	16.860	ug/l	97
15) Acrylonitrile	4.92	53	142355	86.807	ug/l	99
16) Acetone	3.77	43	120689	90.922	ug/l	96
17) Carbon Disulfide	4.00	76	155605	20.065	ug/l	98
18) Methyl Acetate	4.27	43	59765	17.444	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	230873	18.440	ug/l	95
20) Methylene Chloride	4.50	84	76309	19.328	ug/l	90
21) trans-1,2-Dichloroethene	4.98	96	74277	19.524	ug/l	94
22) Diisopropyl ether	5.90	45	207546	17.201	ug/l	97
23) Vinyl Acetate	5.84	43	809485	84.366	ug/l	96
24) 1,1-Dichloroethane	5.79	63	128965	18.325	ug/l	99
25) 2-Butanone	6.78	43	181507	82.984	ug/l	96
26) 2,2-Dichloropropane	6.77	77	123102	18.349	ug/l	97
27) cis-1,2-Dichloroethene	6.77	96	87559	19.484	ug/l	91
28) Bromochloromethane	7.14	49	57945	19.397	ug/l	86
29) Tetrahydrofuran	7.16	42	119036	82.176	ug/l	94
30) Chloroform	7.32	83	143638	19.541	ug/l	99
31) Cyclohexane	7.61	56	115282	16.623	ug/l	92
32) 1,1,1-Trichloroethane	7.52	97	130563	19.438	ug/l	97
36) 1,1-Dichloropropene	7.75	75	103830	19.656	ug/l	98
37) Ethyl Acetate	6.88	43	79269	16.547	ug/l	99
38) Carbon Tetrachloride	7.73	117	98935	20.340	ug/l	100

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

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Quant Time: May 22 07:46:25 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)
39) Methylcyclohexane	9.04	83	120597	18.692	ug/l	94
40) Benzene	8.00	78	313872	19.717	ug/l	98
41) Methacrylonitrile	7.14	41	42872m	21.189	ug/l	
42) 1,2-Dichloroethane	8.08	62	107075	18.669	ug/l	98
43) Isopropyl Acetate	8.12	43	139923	16.747	ug/l	98
44) Trichloroethene	8.80	130	91476	21.930	ug/l	96
45) 1,2-Dichloropropane	9.08	63	75719	19.003	ug/l	99
46) Dibromomethane	9.17	93	54810	19.622	ug/l	94
47) Bromodichloromethane	9.37	83	114017	19.373	ug/l	99
48) Methyl methacrylate	9.17	41	60681	15.721	ug/l	94
49) 1,4-Dioxane	9.16	88	25396	610.884	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	398028	87.448	ug/l	99
52) Toluene	10.12	92	208888	20.439	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	120644	18.703	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	130613	19.048	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	80937	20.947	ug/l	98
56) Ethyl methacrylate	10.40	69	112692	18.655	ug/l	95
57) 1,3-Dichloropropane	10.68	76	131269	19.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	233899	88.213	ug/l	94
59) 2-Hexanone	10.72	43	280061	85.047	ug/l	97
60) Dibromochloromethane	10.87	129	88079	20.608	ug/l	100
61) 1,2-Dibromoethane	10.98	107	82212	20.236	ug/l	97
64) Tetrachloroethene	10.60	164	90730	22.313	ug/l	96
65) Chlorobenzene	11.40	112	224946	20.987	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	81596	21.235	ug/l	98
67) Ethyl Benzene	11.48	91	398573	20.372	ug/l	97
68) m/p-Xylenes	11.59	106	311117	41.894	ug/l	96
69) o-Xylene	11.92	106	148572	20.674	ug/l	96
70) Styrene	11.94	104	244560	20.550	ug/l	98
71) Bromoform	12.10	173	54868	19.641	ug/l #	99
73) Isopropylbenzene	12.22	105	393047	19.611	ug/l	98
74) N-amyl acetate	12.04	43	117803	16.058	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	103317	18.737	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	93595m	17.472	ug/l	
77) Bromobenzene	12.50	156	94102	21.634	ug/l	87
78) n-propylbenzene	12.56	91	440801	19.303	ug/l	97
79) 2-Chlorotoluene	12.65	91	259361	19.215	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	326698	19.908	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	32944	16.314	ug/l	95
82) 4-Chlorotoluene	12.74	91	270460	19.351	ug/l	97
83) tert-Butylbenzene	12.97	119	276206	19.649	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	330111	20.100	ug/l	98
85) sec-Butylbenzene	13.15	105	363228	19.109	ug/l	98
86) p-Isopropyltoluene	13.26	119	334840	19.838	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	166596	20.928	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	168199	21.098	ug/l	99
89) n-Butylbenzene	13.59	91	280993	18.325	ug/l	99
90) Hexachloroethane	13.85	117	42995	18.796	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	160787	21.057	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19414	17.429	ug/l	92

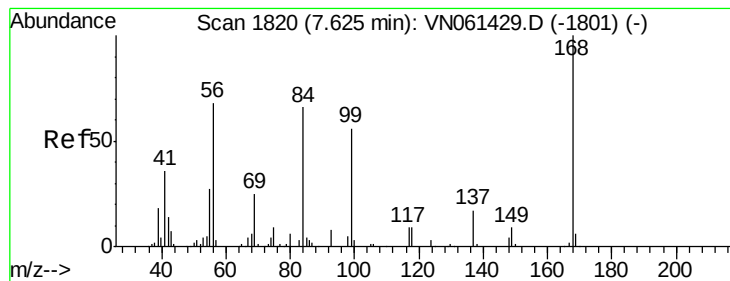
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
Data File : VN061522.D
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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	85349	20.614	ug/l	99
94) Hexachlorobutadiene	14.98	225	37013	20.120	ug/l	99
95) Naphthalene	15.10	128	261779	19.888	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	86022	20.870	ug/l	98

(#) = 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: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

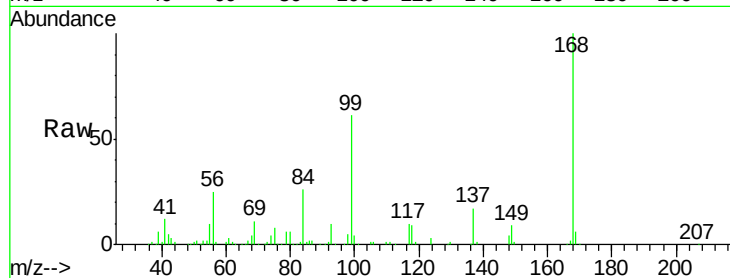
VN0521WBS01

Tot Ion:168 Resp: 321879

Ion Ratio Lower Upper

168 100

99 60.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

150000

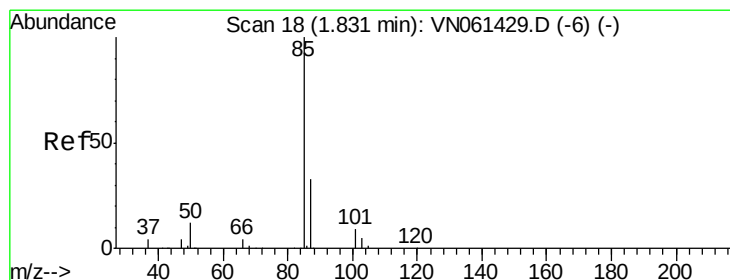
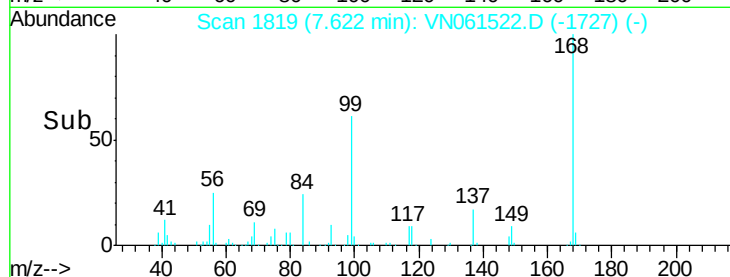
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.447 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061522.D

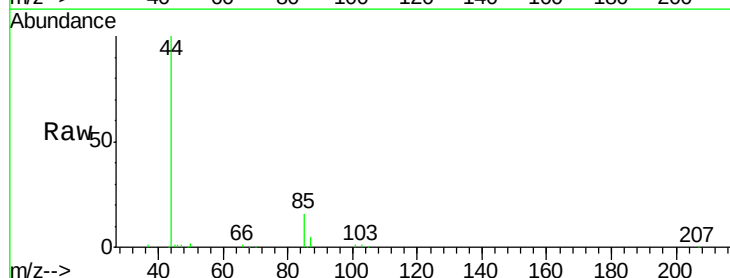
Acq: 21 May 2020 11:52

Tgt Ion: 85 Resp: 54724

Ion Ratio Lower Upper

85 100

87 33.7 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

40000

30000

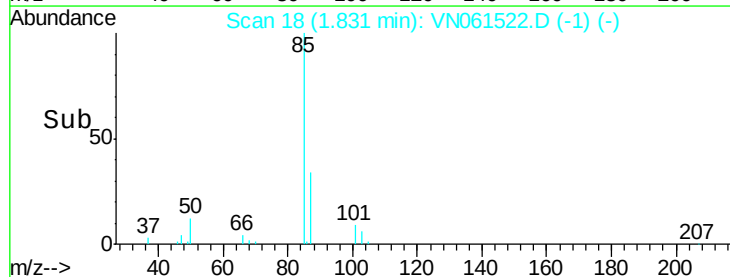
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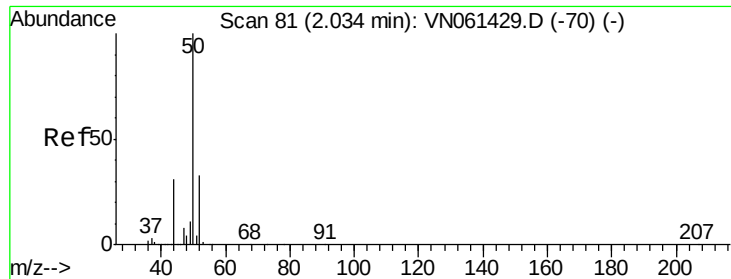
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0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.991 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

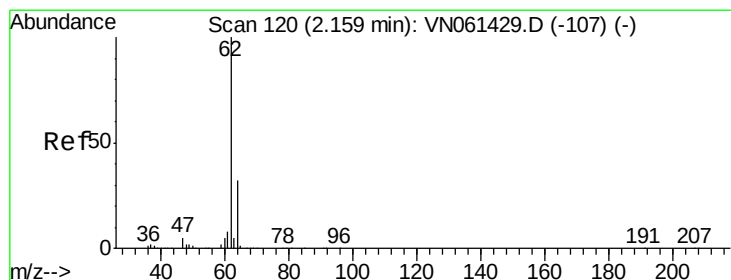
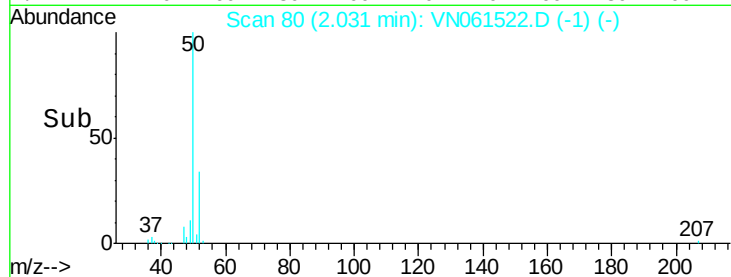
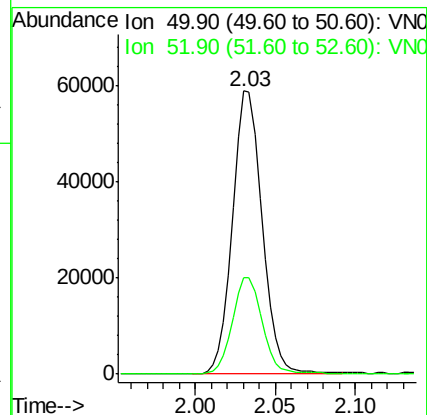
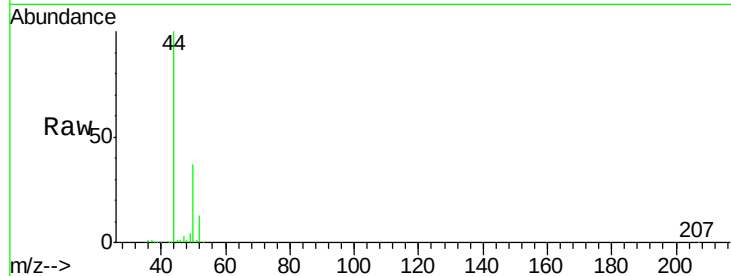
VN0521WBS01

Tot Ion: 50 Resp: 74171

Ion Ratio Lower Upper

50 100

52 34.0 26.7 40.1



#4

Vinyl Chloride

Concen: 17.068 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061522.D

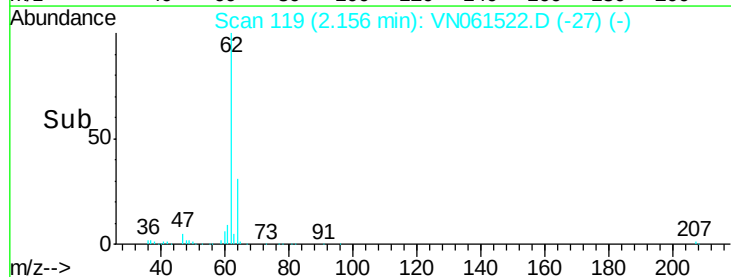
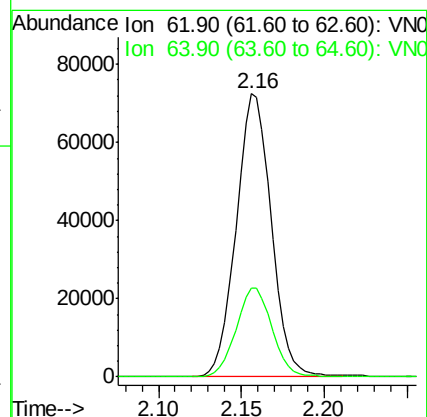
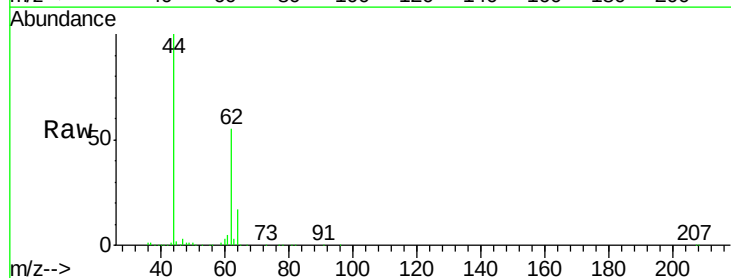
Acq: 21 May 2020 11:52

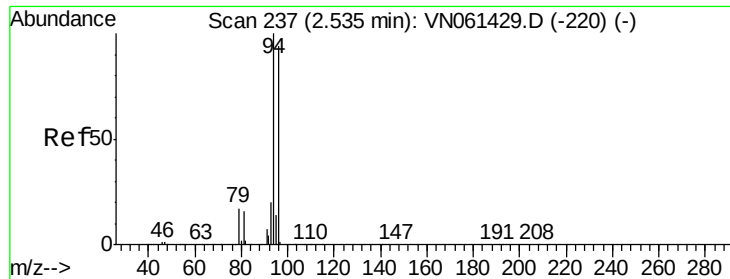
Tgt Ion: 62 Resp: 106633

Ion Ratio Lower Upper

62 100

64 31.3 25.3 37.9





#5

Bromomethane

Concen: 17.314 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

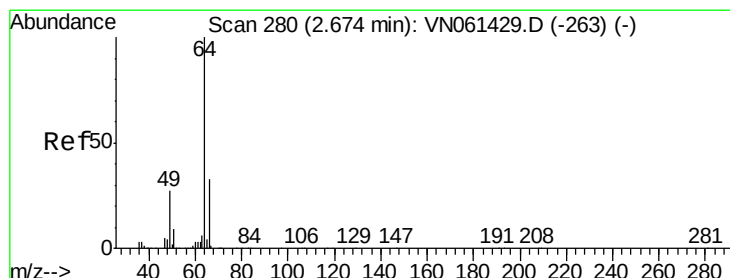
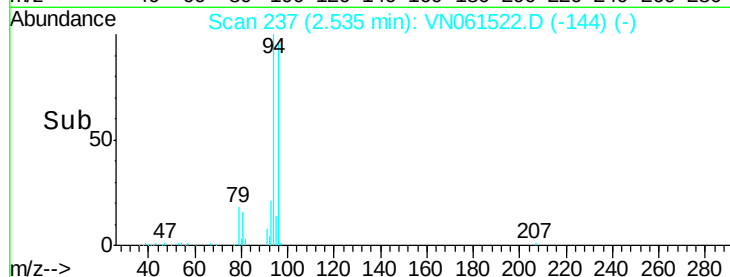
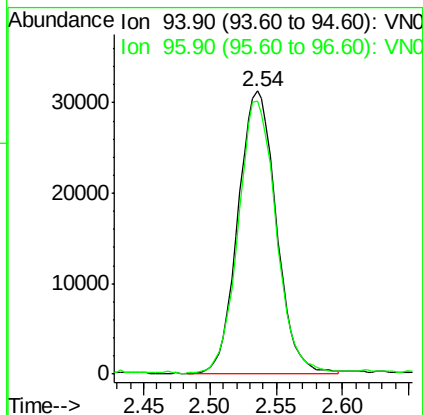
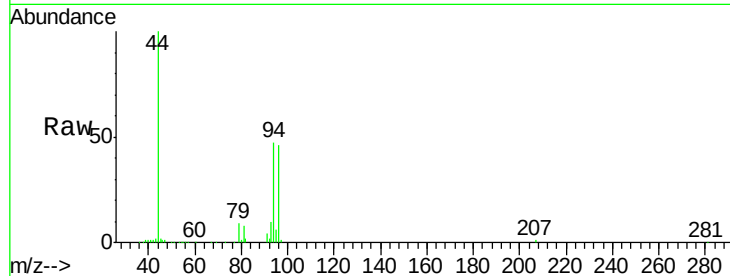
VN0521WBS01

Tot Ion: 94 Resp: 62940

Ion Ratio Lower Upper

94 100

96 96.1 74.9 112.3



#6

Chloroethane

Concen: 16.796 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061522.D

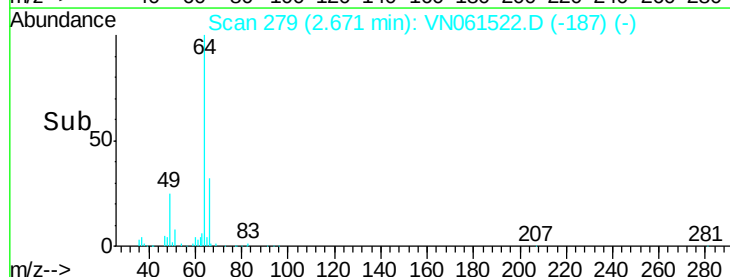
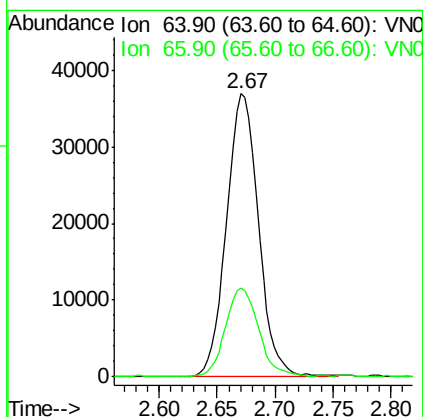
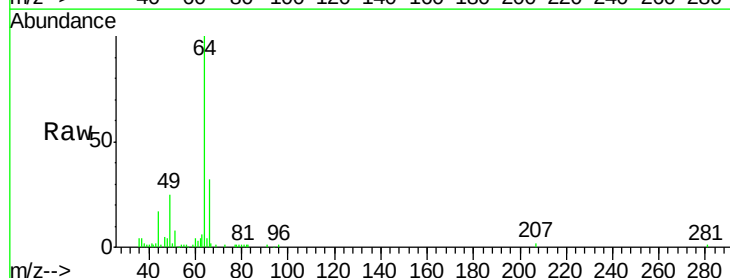
Acq: 21 May 2020 11:52

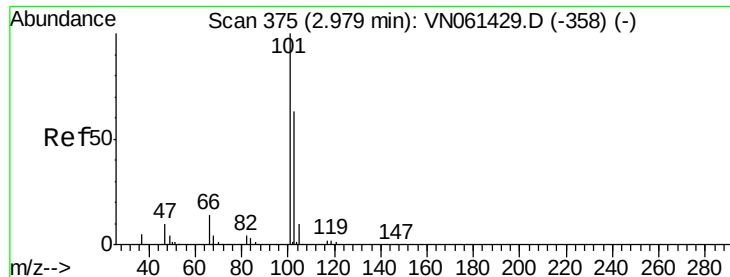
Tgt Ion: 64 Resp: 70629

Ion Ratio Lower Upper

64 100

66 31.6 26.3 39.5



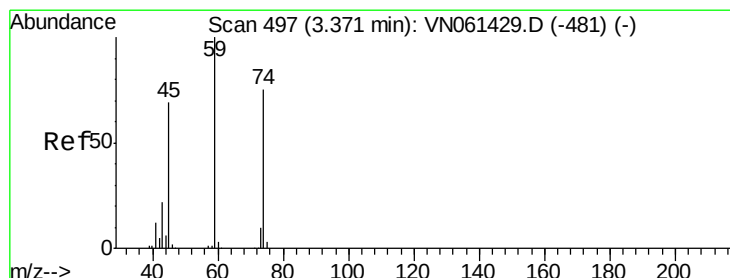
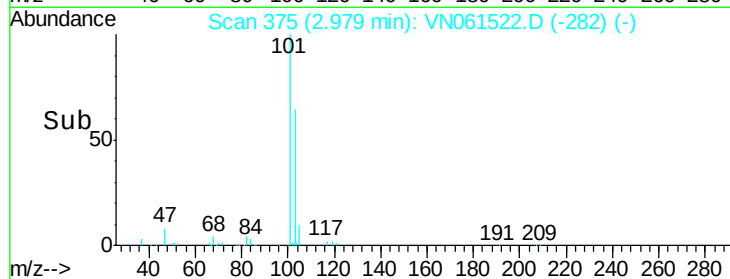
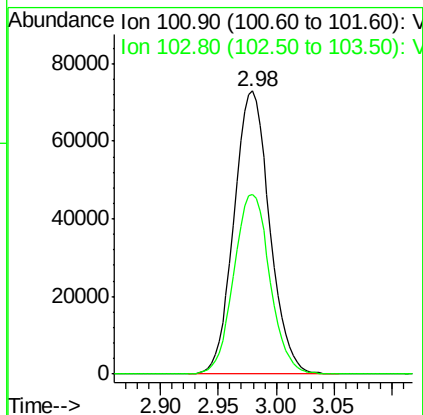
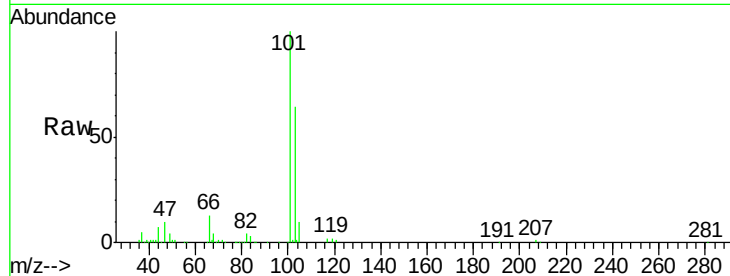


#7

Trichlorofluoromethane
 Concen: 20.558 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

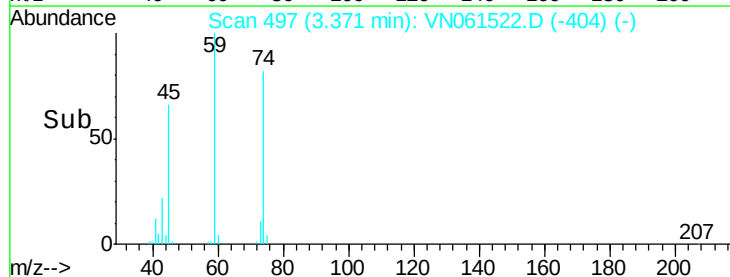
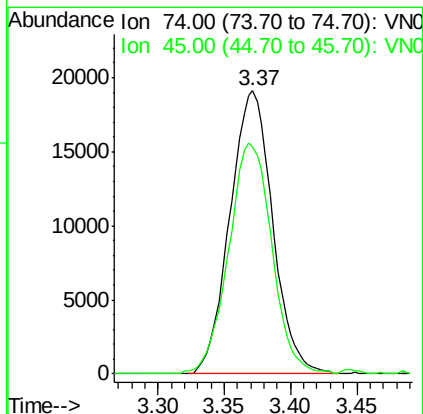
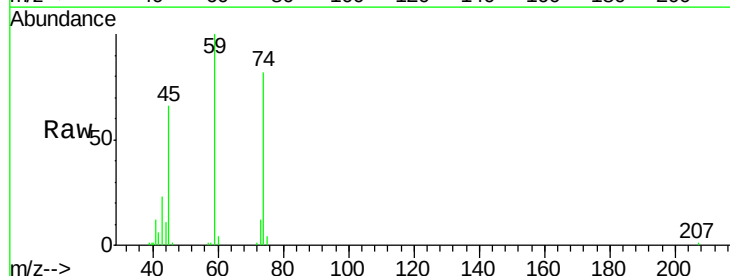
Tot Ion:101 Resp: 155929
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.2 75.4

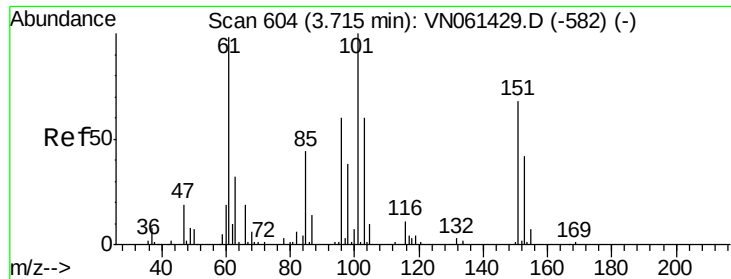


#8

Diethyl Ether
 Concen: 19.398 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion: 74 Resp: 42855
 Ion Ratio Lower Upper
 74 100
 45 82.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.217 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

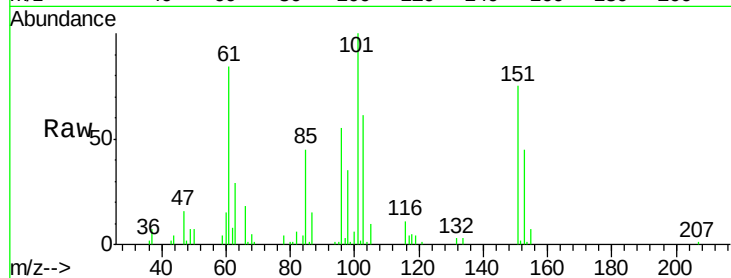
Tot Ion:101 Resp: 66922

Ion Ratio Lower Upper

101 100

85 44.6 36.6 55.0

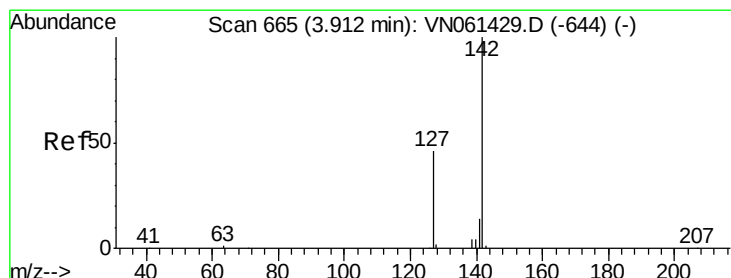
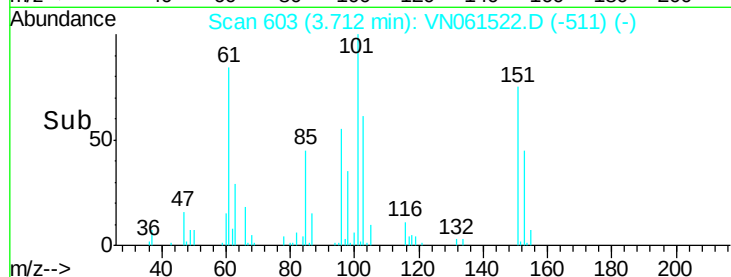
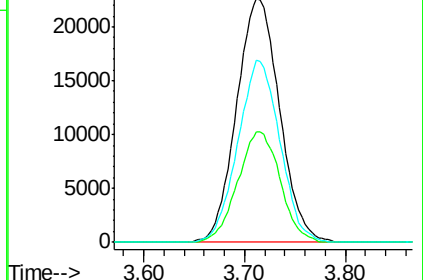
151 72.9 56.3 84.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.324 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

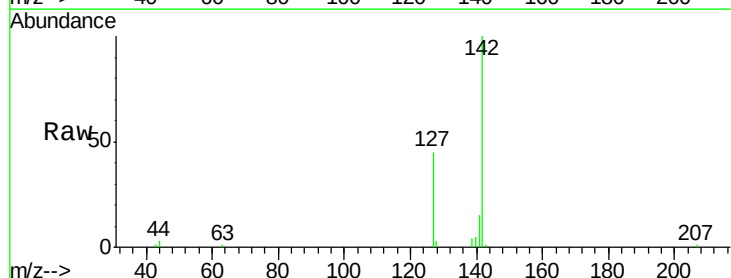
Tgt Ion:142 Resp: 81692

Ion Ratio Lower Upper

142 100

127 44.6 36.7 55.1

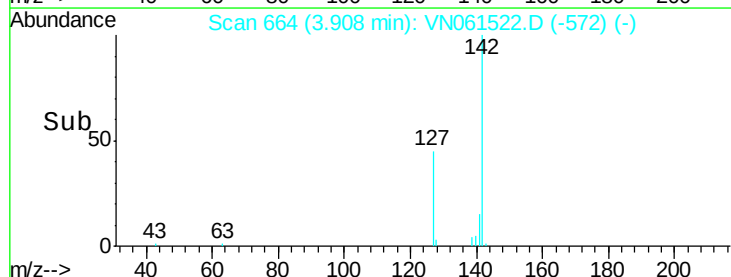
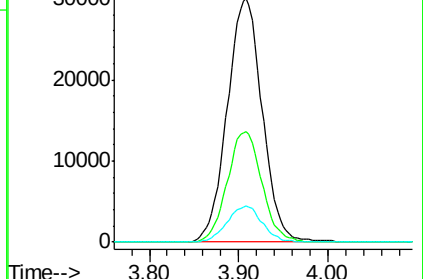
141 14.6 11.5 17.3

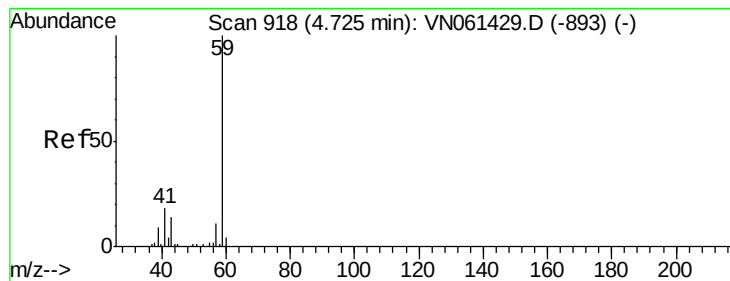


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



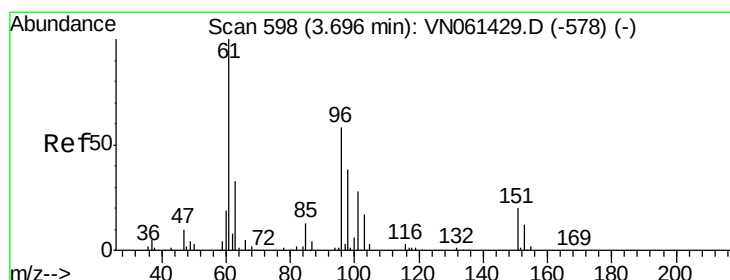
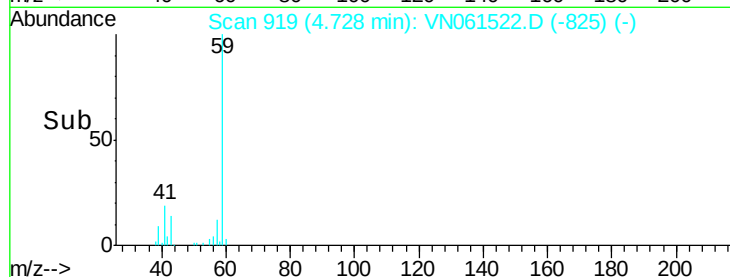
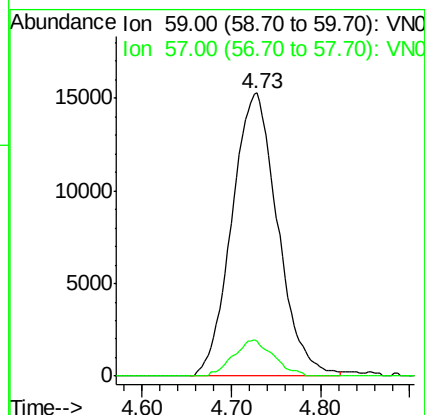
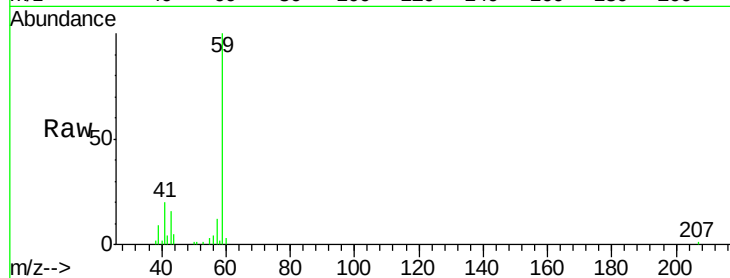


#11

Tert butyl alcohol
 Concen: 98.457 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Instrument :
 MSVOA_N
 ClientSampled :
 VN0521WBS01

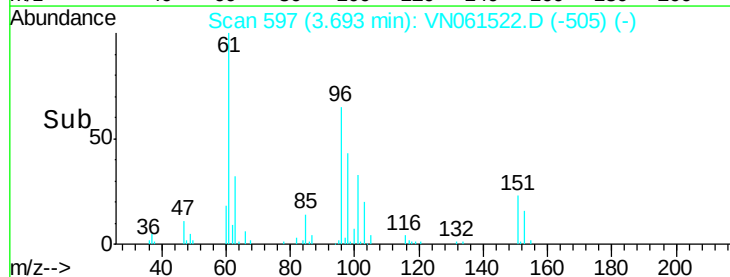
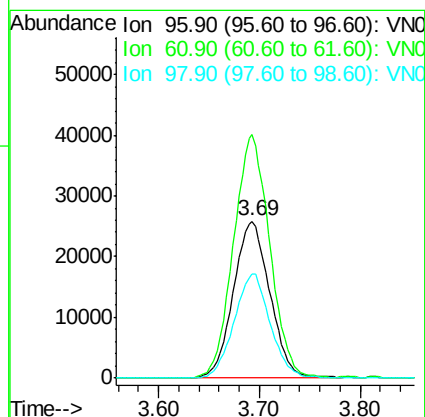
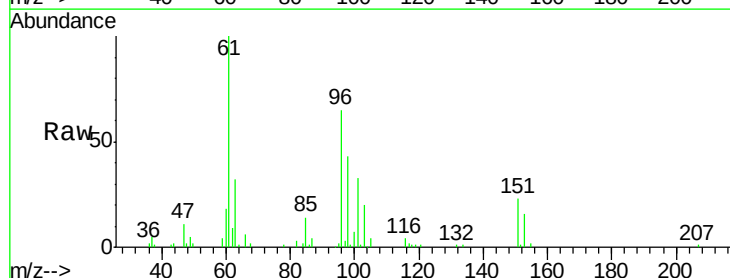
Tot Ion: 59 Resp: 54498
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.2 12.2

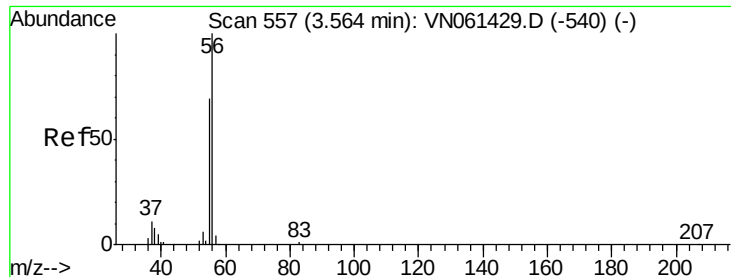


#12

1,1-Dichloroethene
 Concen: 19.703 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion: 96 Resp: 65007
 Ion Ratio Lower Upper
 96 100
 61 154.9 138.7 208.1
 98 66.6 53.0 79.6





#13

Acrolein

Concen: 78.479 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

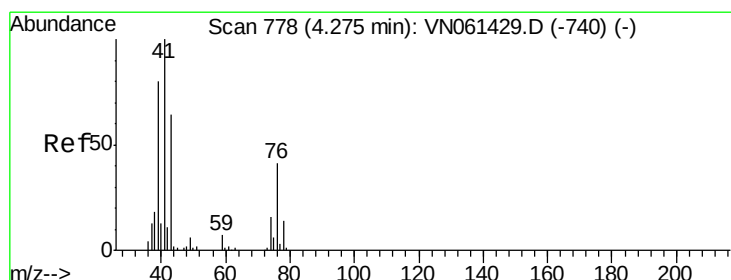
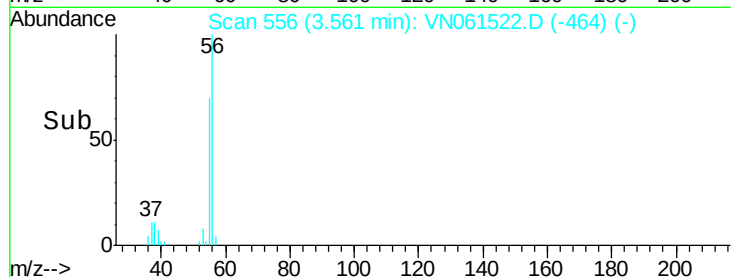
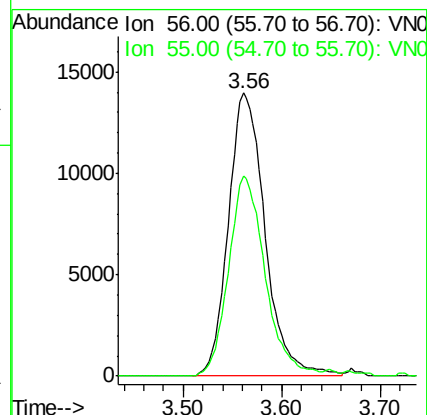
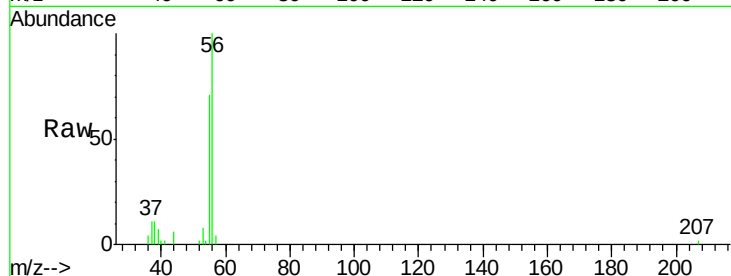
VN0521WBS01

Tot Ion: 56 Resp: 36215

Ion Ratio Lower Upper

56 100

55 70.6 54.8 82.2



#14

Allyl chloride

Concen: 16.860 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

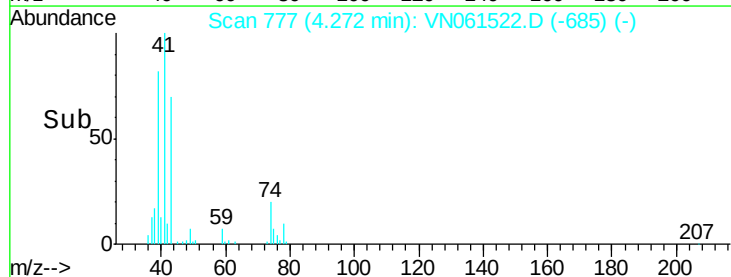
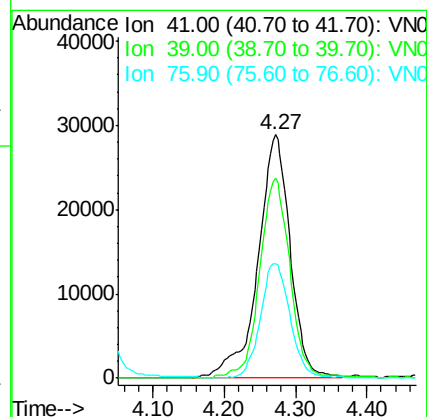
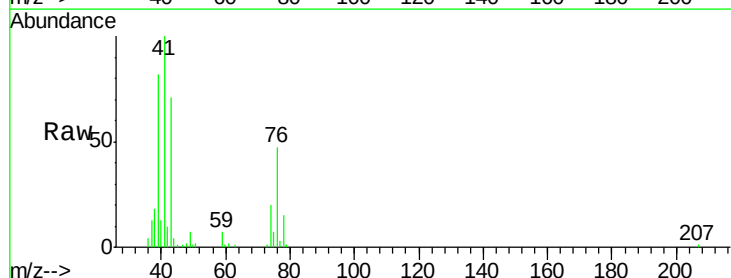
Tgt Ion: 41 Resp: 90529

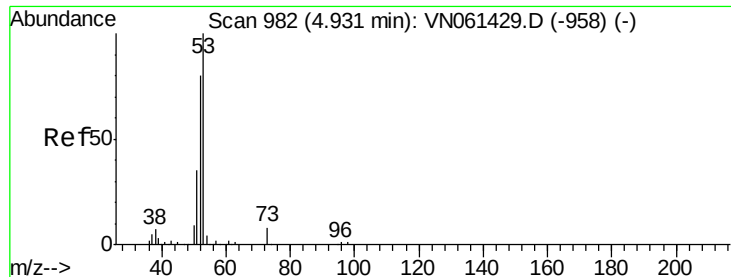
Ion Ratio Lower Upper

41 100

39 76.2 61.2 91.8

76 43.1 29.9 44.9





#15

Acrylonitrile

Concen: 86.807 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0521WBS01

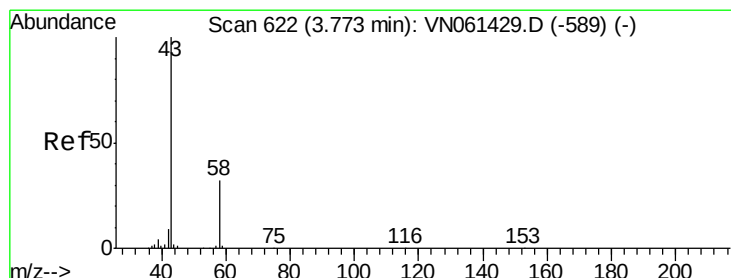
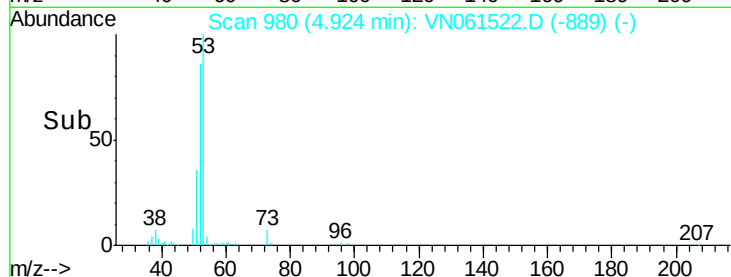
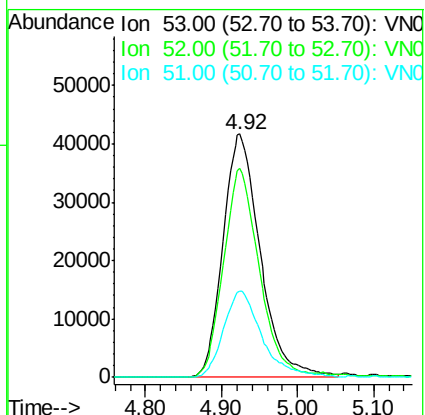
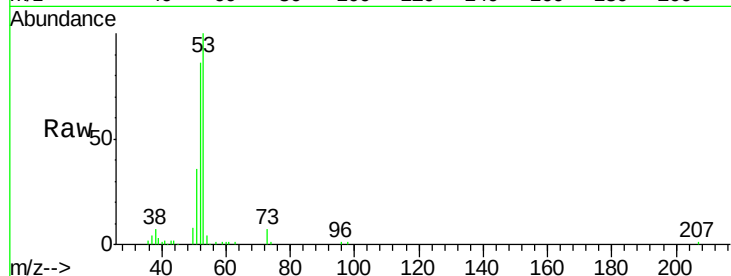
Tot Ion: 53 Resp: 142355

Ion Ratio Lower Upper

53 100

52 81.9 64.7 97.1

51 36.5 29.5 44.3



#16

Acetone

Concen: 90.922 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061522.D

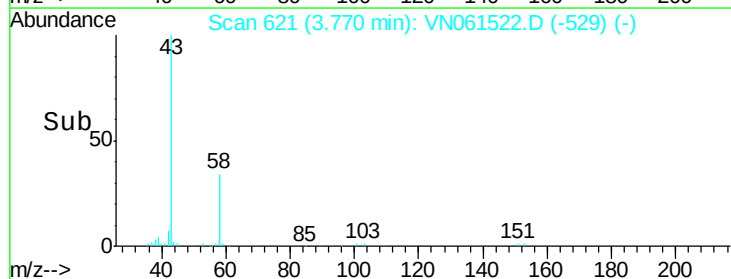
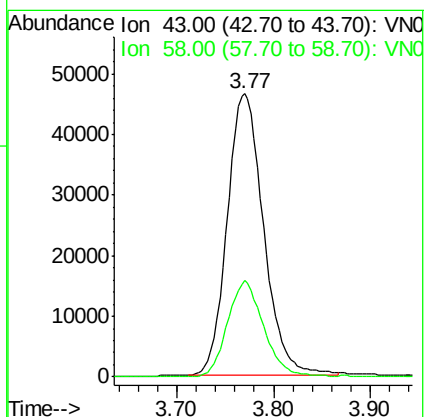
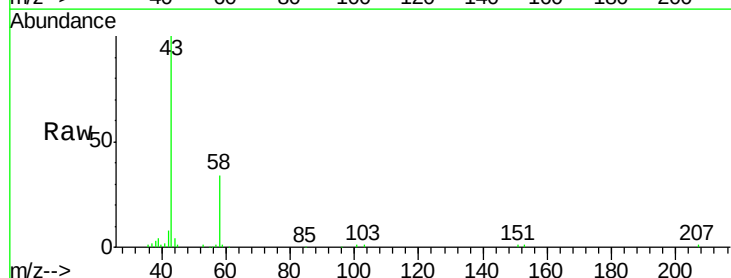
Acq: 21 May 2020 11:52

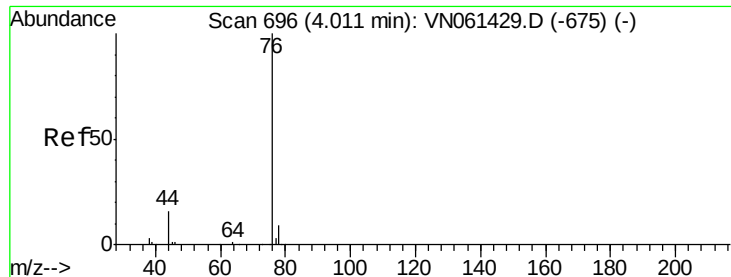
Tgt Ion: 43 Resp: 120689

Ion Ratio Lower Upper

43 100

58 34.2 25.6 38.4





#17

Carbon Disulfide

Concen: 20.065 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.01 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

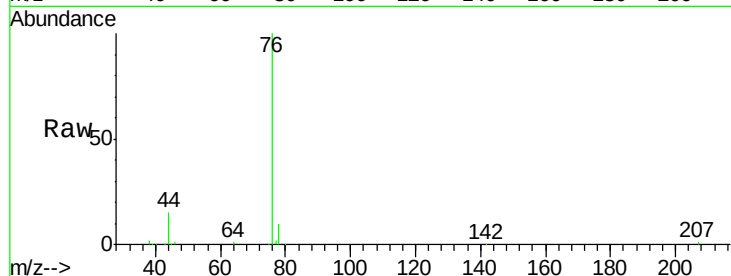
VN0521WBS01

Tot Ion: 76 Resp: 155605

Ion Ratio Lower Upper

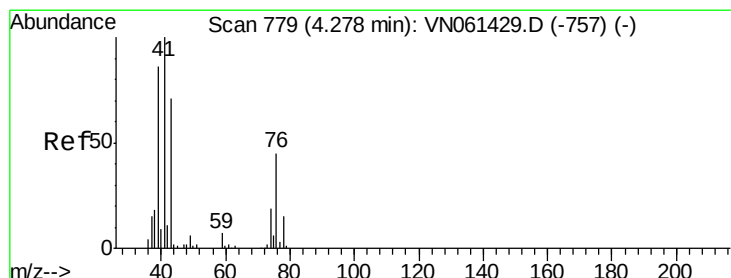
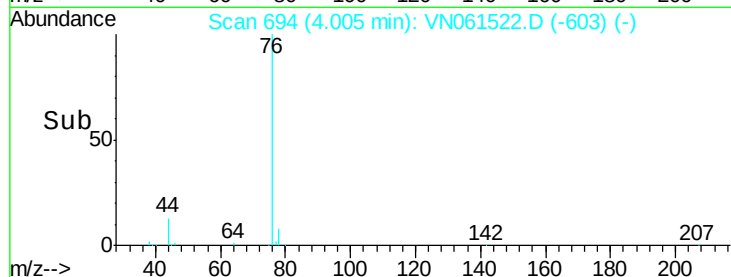
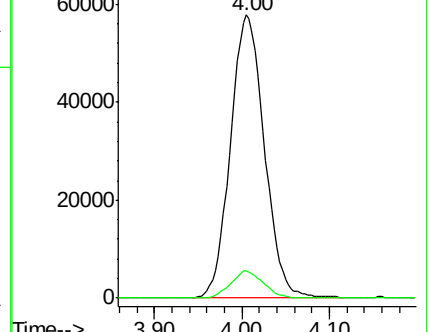
76 100

78 9.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN061429.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN061429.D (-675) (-)



#18

Methyl Acetate

Concen: 17.444 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN061522.D

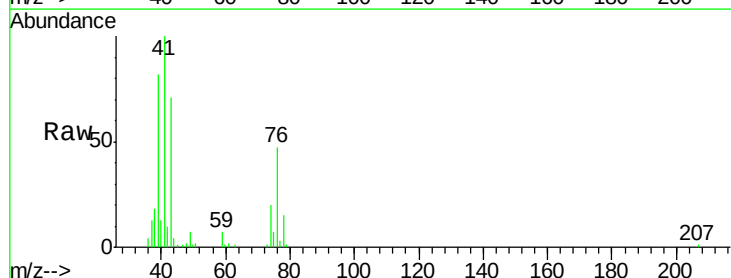
Acq: 21 May 2020 11:52

Tgt Ion: 43 Resp: 59765

Ion Ratio Lower Upper

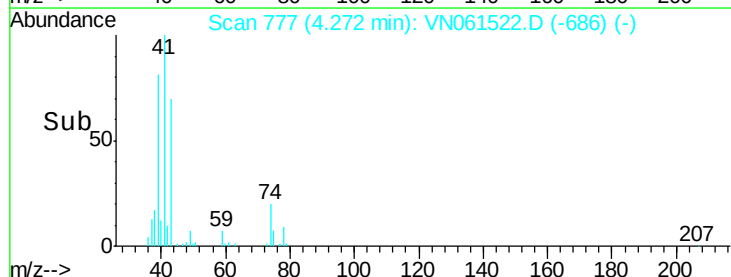
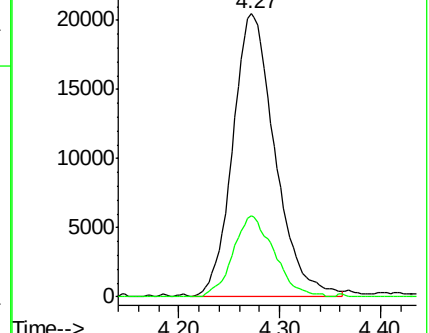
43 100

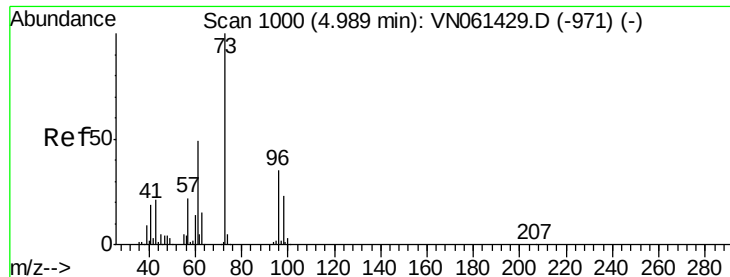
74 27.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-757) (-)

Ion 74.00 (73.70 to 74.70): VN061429.D (-757) (-)



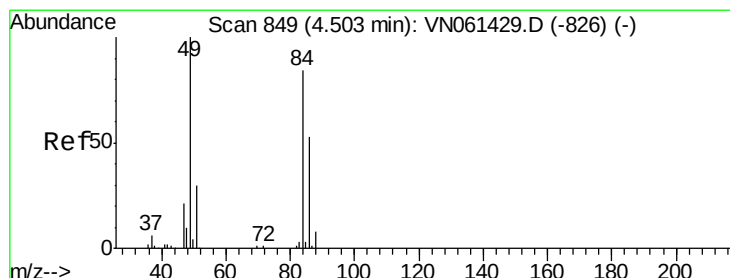
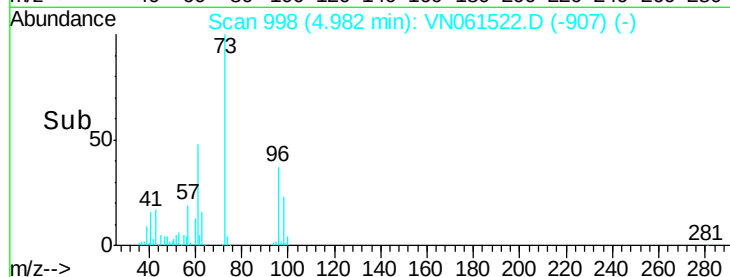
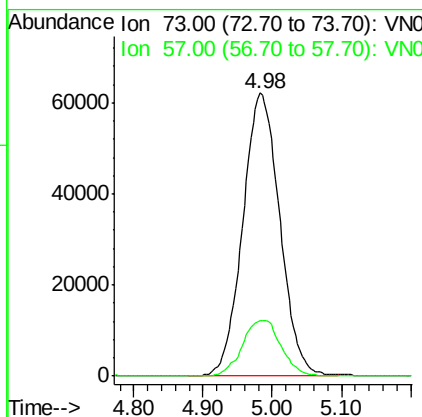
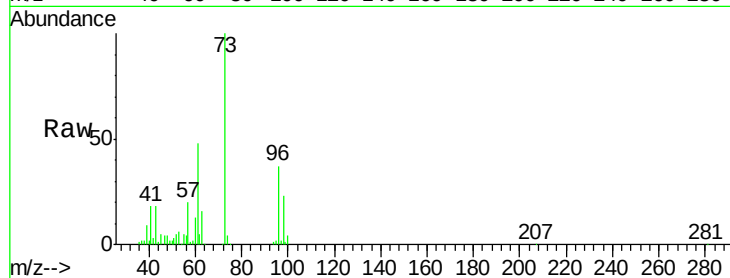


#19

Methyl tert-butyl Ether
 Concen: 18.440 ug/l
 RT: 4.98 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Instrument :
 MSVOA_N
 ClientSampled :
 VN0521WBS01

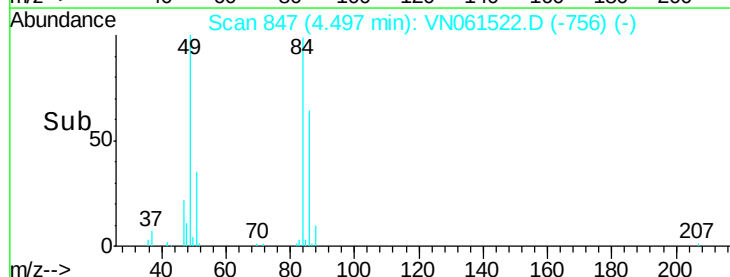
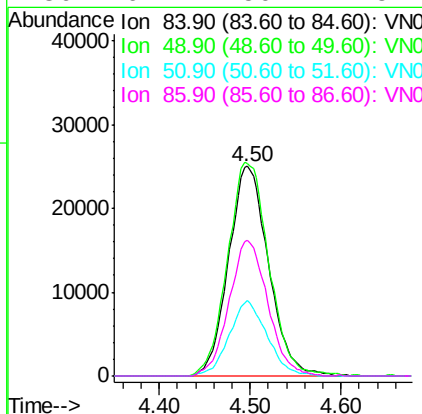
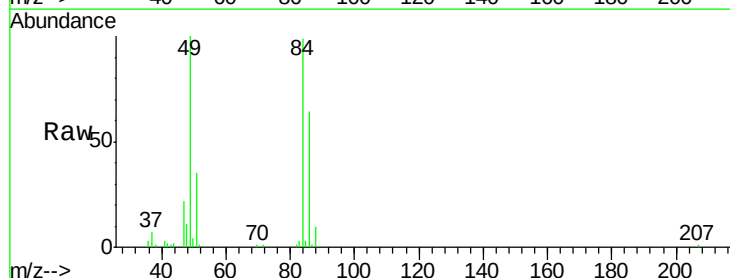
Tot Ion: 73 Resp: 230873
 Ion Ratio Lower Upper
 73 100
 57 19.5 17.4 26.0

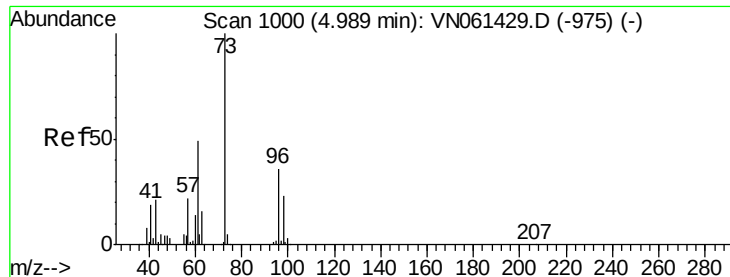


#20

Methylene Chloride
 Concen: 19.328 ug/l
 RT: 4.50 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion: 84 Resp: 76309
 Ion Ratio Lower Upper
 84 100
 49 101.1 95.3 142.9
 51 35.8 29.0 43.6
 86 64.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.524 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

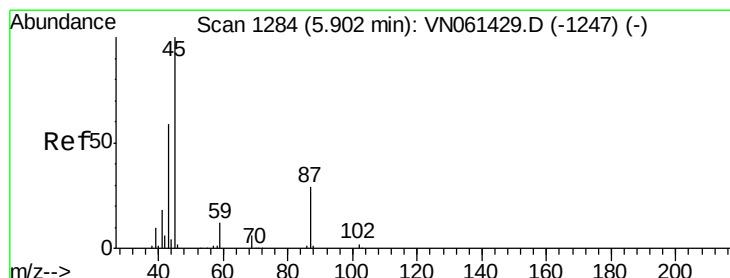
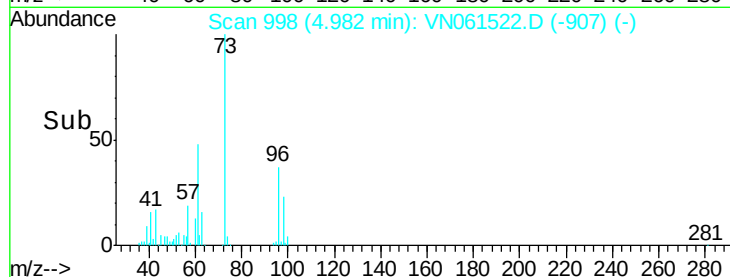
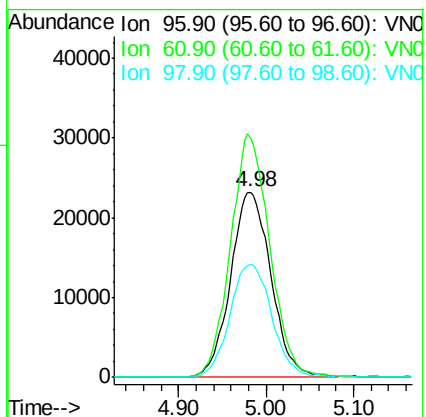
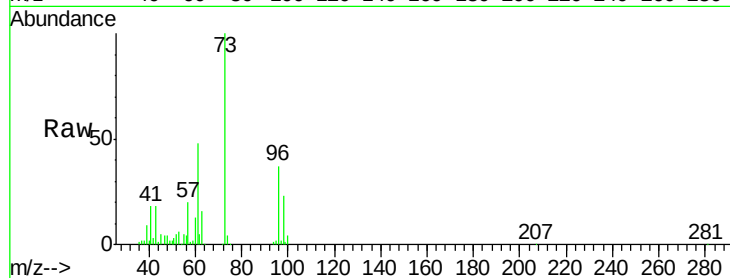
Tot Ion: 96 Resp: 74277

Ion Ratio Lower Upper

96 100

61 129.4 109.8 164.6

98 61.0 52.4 78.6



#22

Diisopropyl ether

Concen: 17.201 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Tgt Ion: 45 Resp: 207546

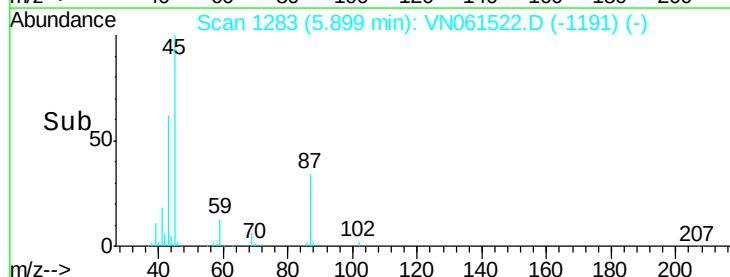
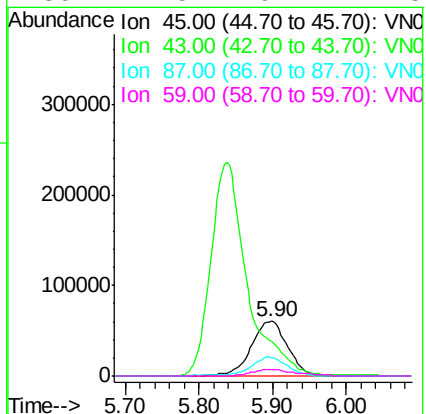
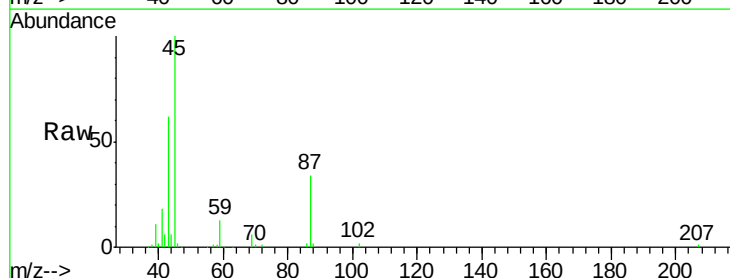
Ion Ratio Lower Upper

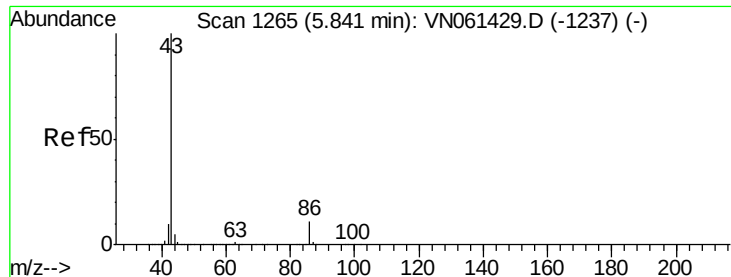
45 100

43 60.4 47.9 71.9

87 33.8 24.0 36.0

59 12.5 9.7 14.5





#23

Vinyl Acetate

Concen: 84.366 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

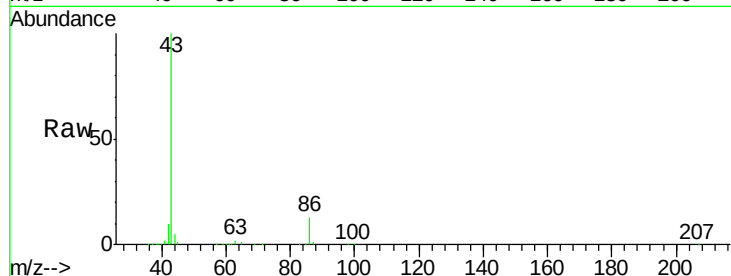
VN0521WBS01

Tot Ion: 43 Resp: 809485

Ion Ratio Lower Upper

43 100

86 13.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1237) (-)

Ion 86.00 (85.70 to 86.70): VN061429.D (-1237) (-)

5.84

250000

200000

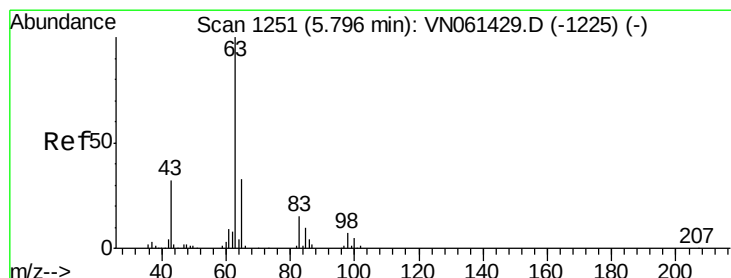
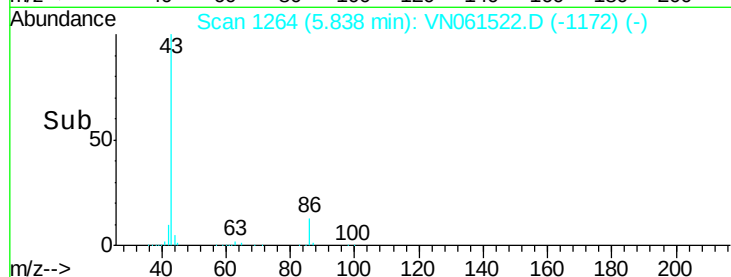
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.325 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

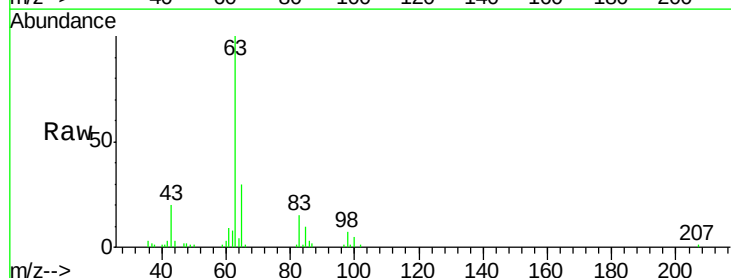
Tgt Ion: 63 Resp: 128965

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 5.1 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VN061429.D (-1225) (-)

Ion 97.90 (97.60 to 98.60): VN061429.D (-1225) (-)

Ion 99.90 (99.60 to 100.60): VN061429.D (-1225) (-)

5.79

50000

40000

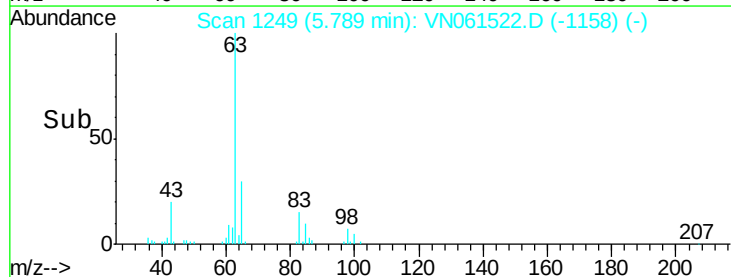
30000

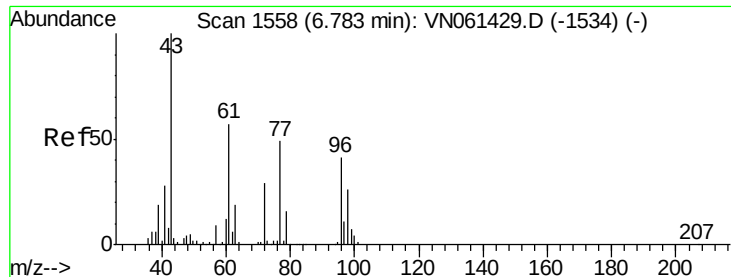
20000

10000

0

Time-->

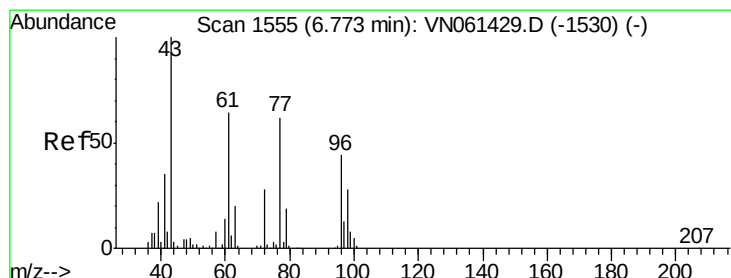
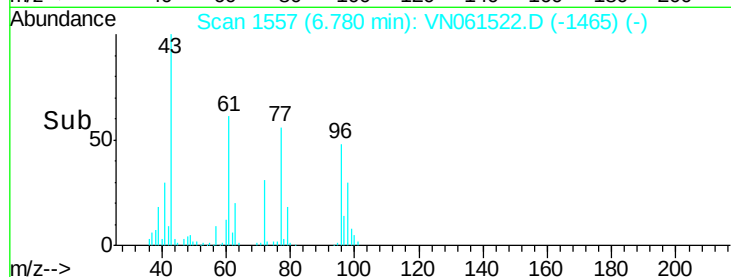
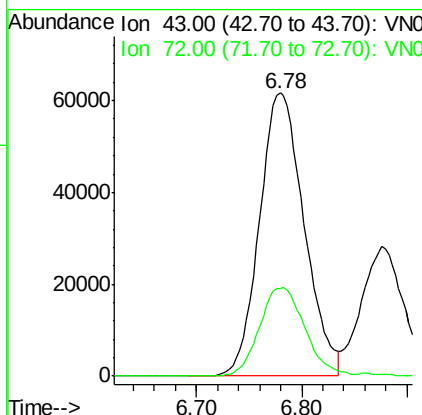
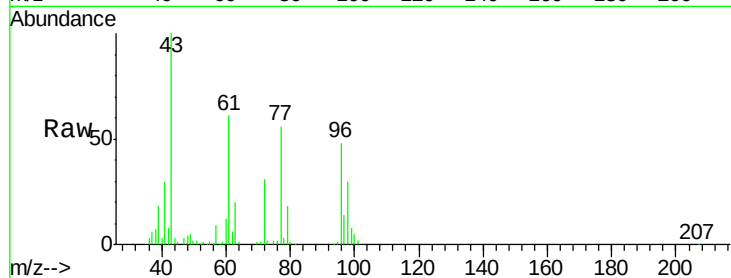




#25
2-Butanone
Concen: 82.984 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

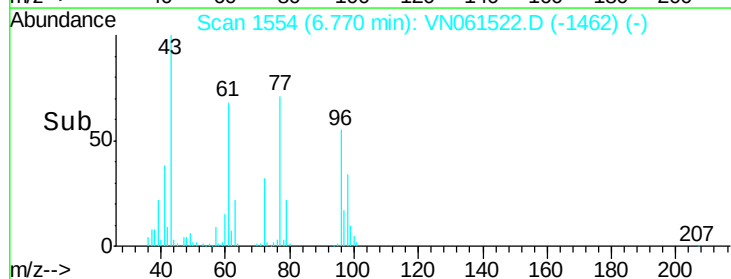
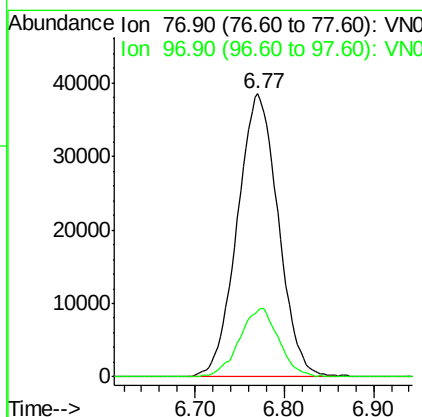
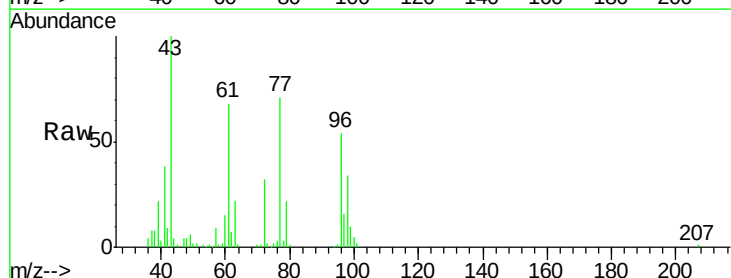
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

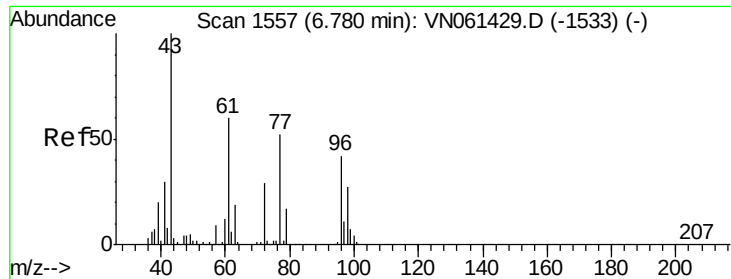
Tot Ion: 43 Resp: 181507
Ion Ratio Lower Upper
43 100
72 31.1 23.0 34.6



#26
2,2-Dichloropropane
Concen: 18.349 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion: 77 Resp: 123102
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.484 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0521WBS01

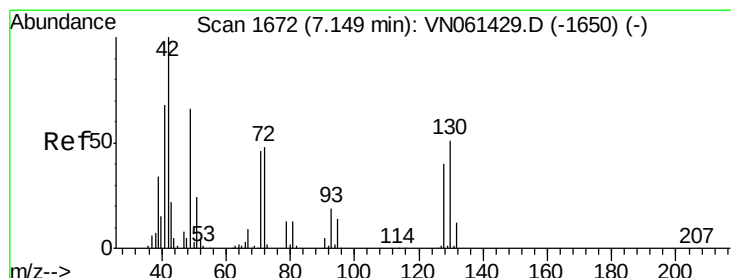
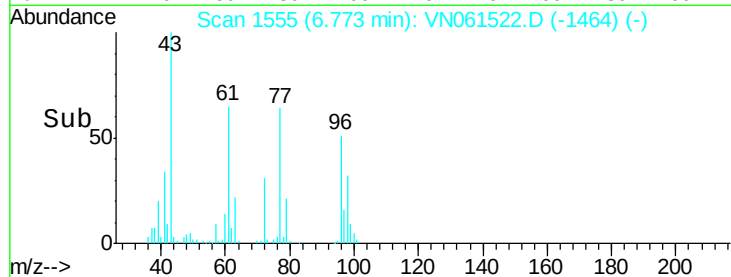
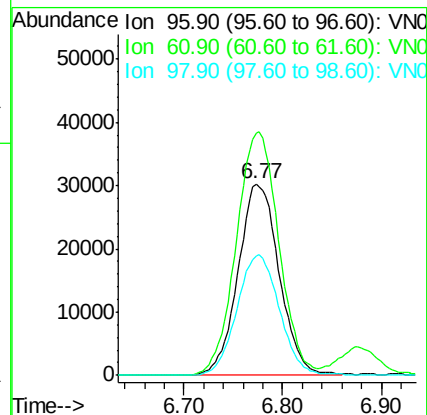
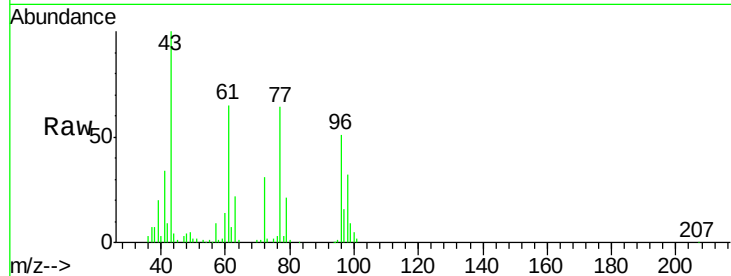
Tot Ion: 96 Resp: 87559

Ion Ratio Lower Upper

96 100

61 131.3 0.0 294.2

98 64.8 0.0 128.2



#28

Bromochloromethane

Concen: 19.397 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

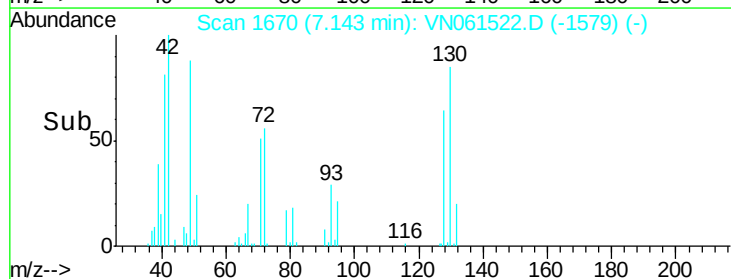
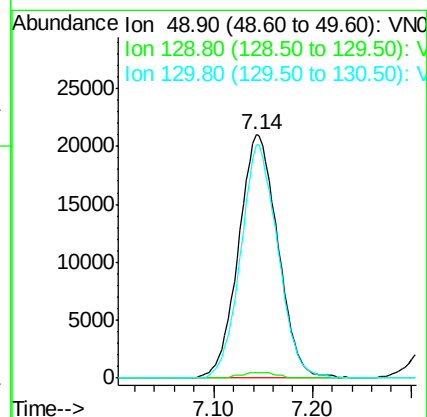
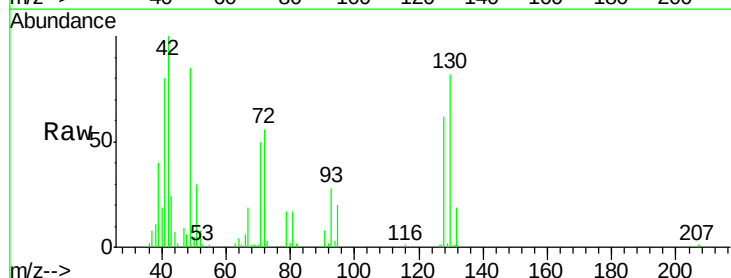
Tgt Ion: 49 Resp: 57945

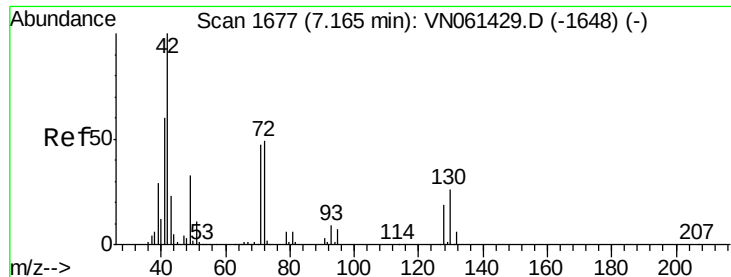
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 90.6 62.2 93.2

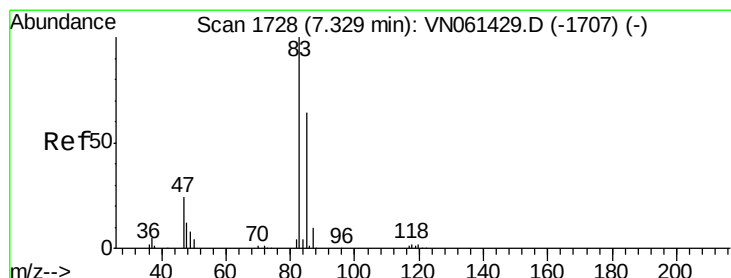
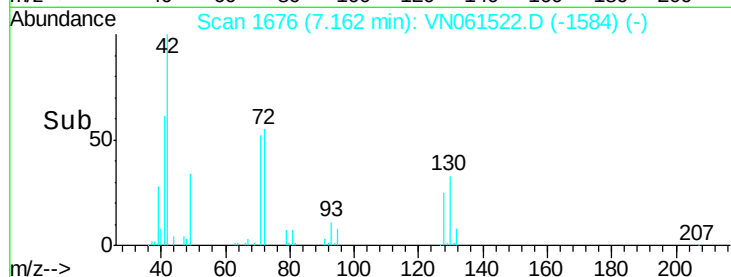
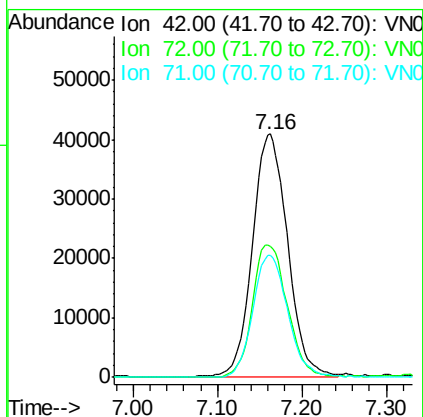
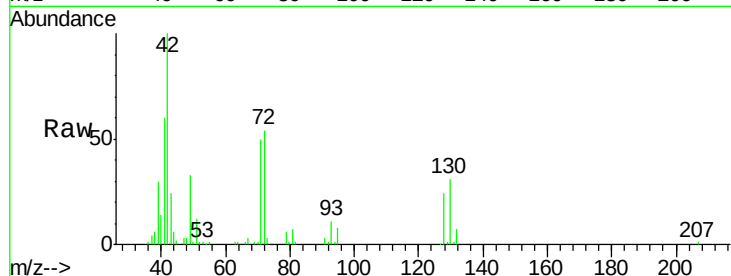




#29
Tetrahydrofuran
Concen: 82.176 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

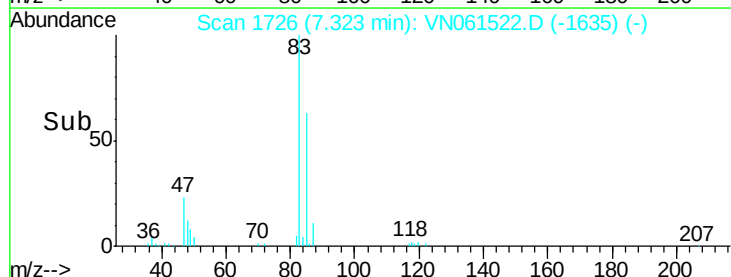
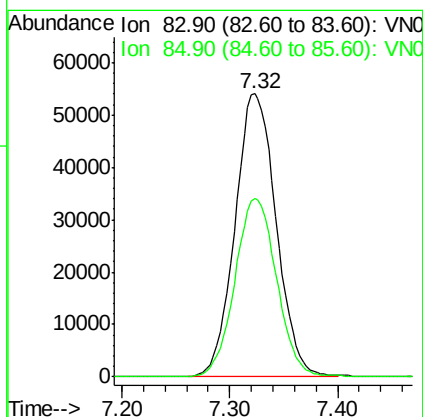
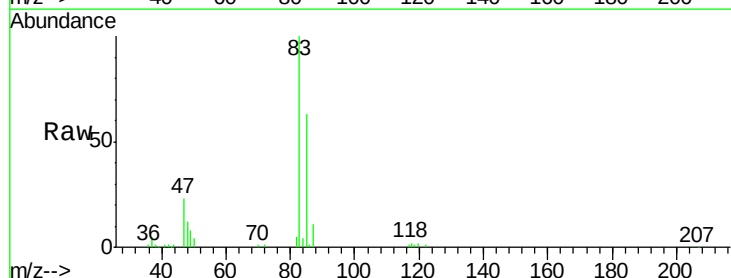
Instrument :
MSVOA_N
ClientSampled :
VN0521WBS01

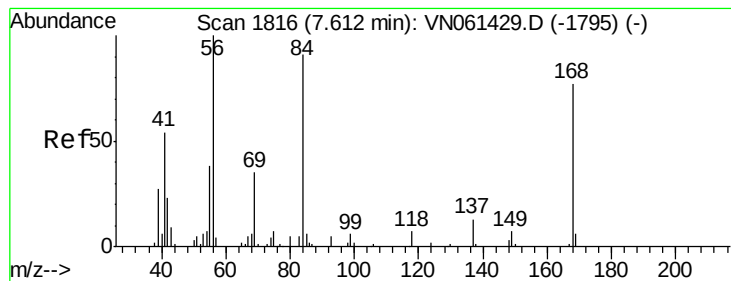
Tot Ion: 42 Resp: 119036
Ion Ratio Lower Upper
42 100
72 53.9 39.0 58.6
71 49.6 36.9 55.3



#30
Chloroform
Concen: 19.541 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion: 83 Resp: 143638
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.4





#31

Cyclohexane

Concen: 16.623 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

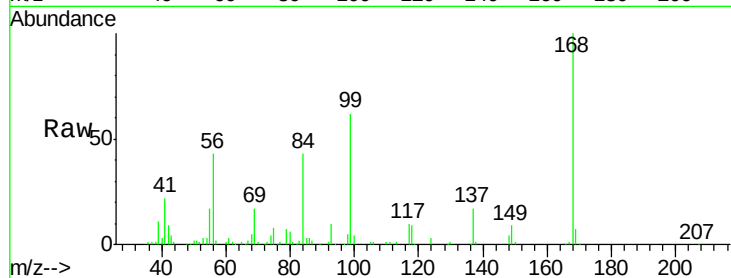
Tot Ion: 56 Resp: 115282

Ion Ratio Lower Upper

56 100

69 39.9 27.8 41.6

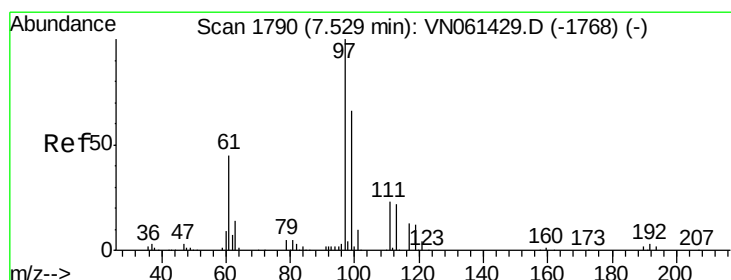
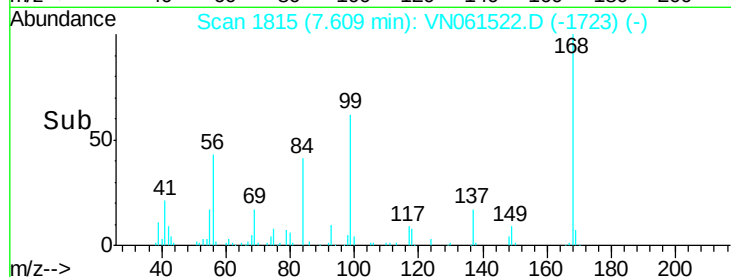
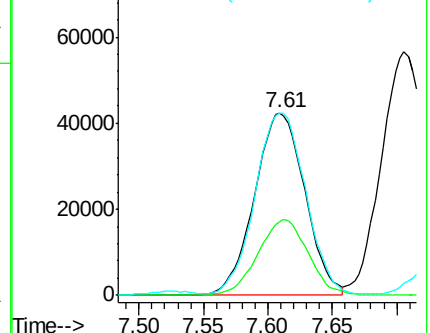
84 98.1 72.7 109.1



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: 19.438 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

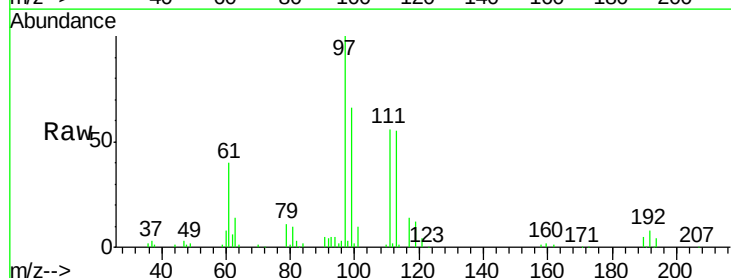
Tgt Ion: 97 Resp: 130563

Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

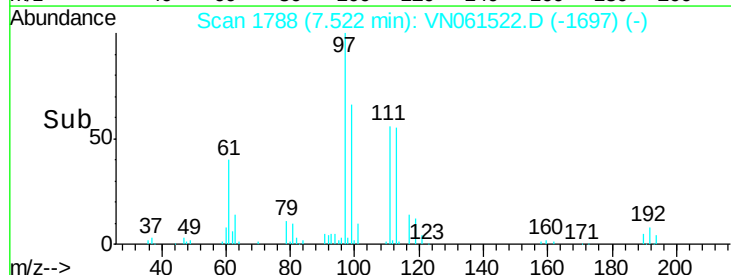
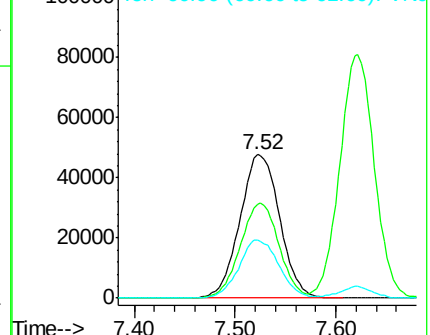
61 40.7 35.8 53.6

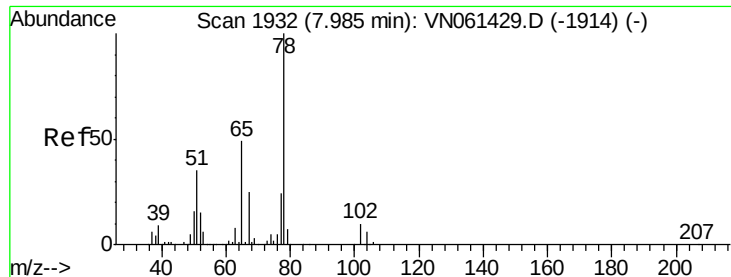


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

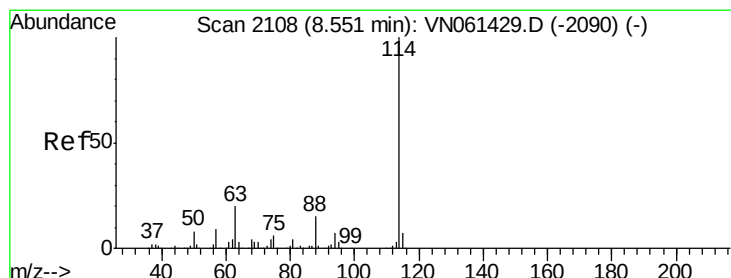
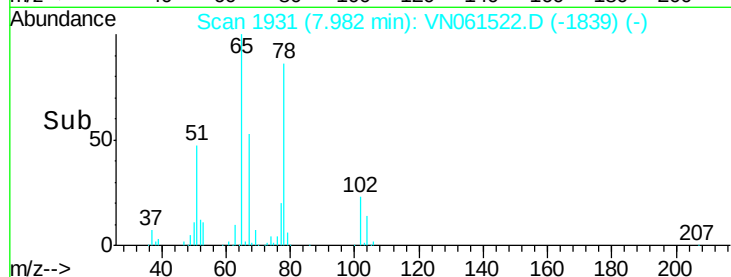
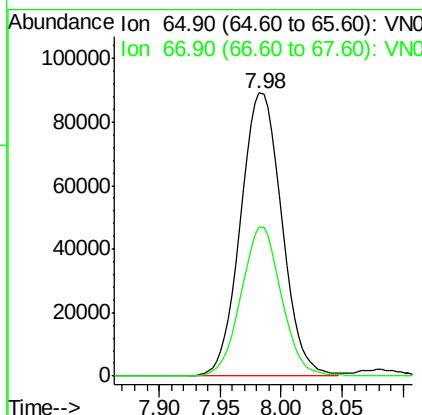
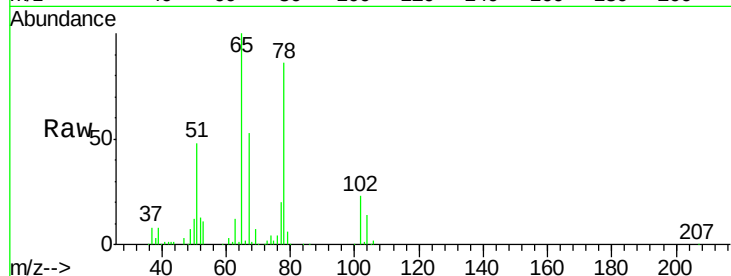




#33
 1,2-Dichloroethane-d4
 Concen: 43.479 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

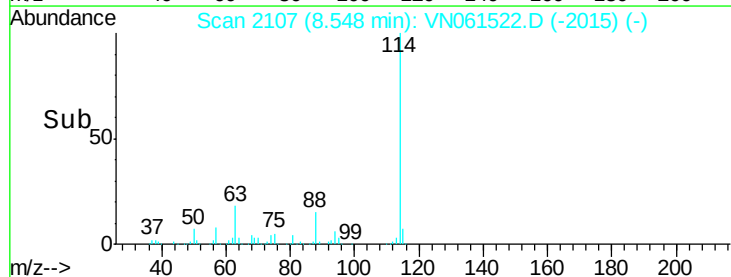
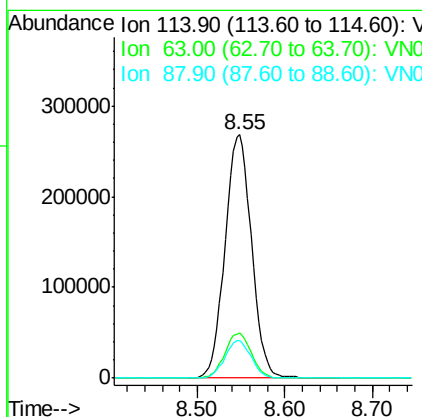
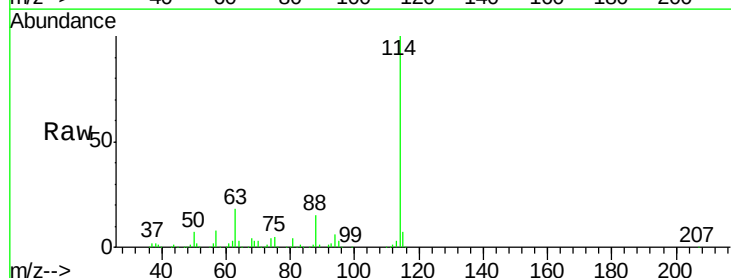
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

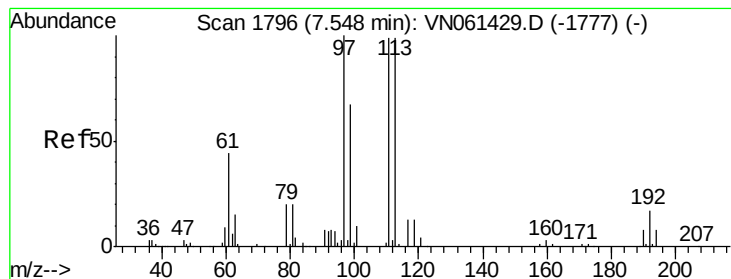
Tot Ion: 65 Resp: 208868
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion: 114 Resp: 564936
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 40.8
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.655 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

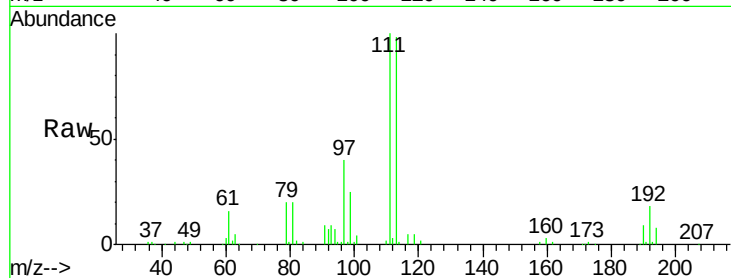
Tot Ion:113 Resp: 155834

Ion Ratio Lower Upper

113 100

111 103.0 80.6 121.0

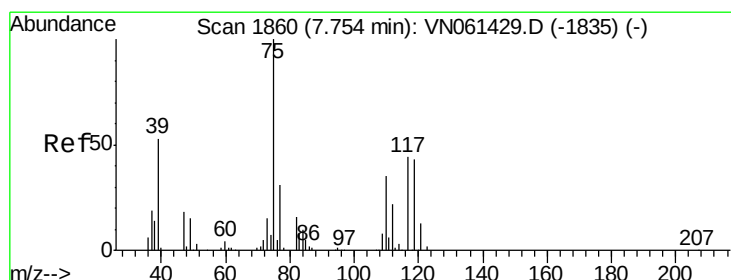
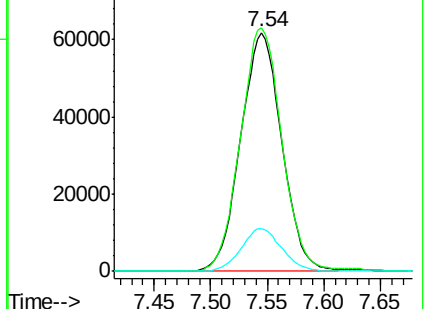
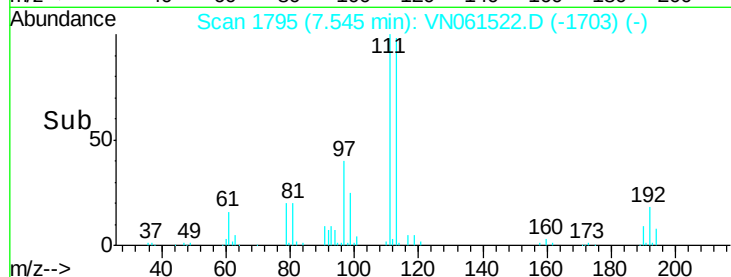
192 17.6 13.2 19.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.656 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.01 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

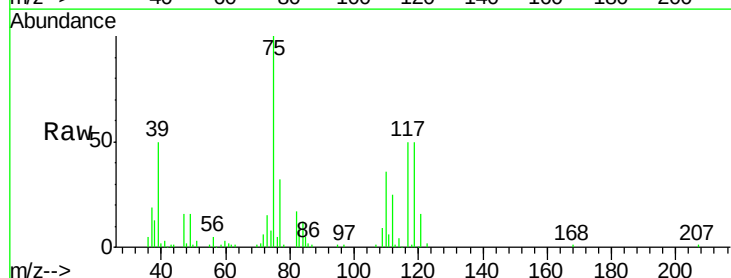
Tgt Ion: 75 Resp: 103830

Ion Ratio Lower Upper

75 100

110 36.2 17.3 51.9

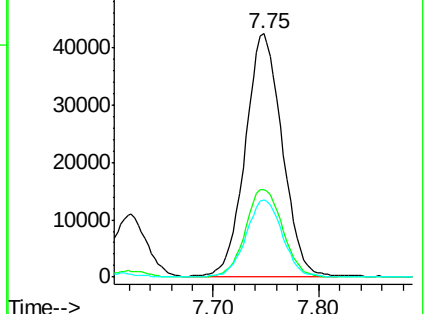
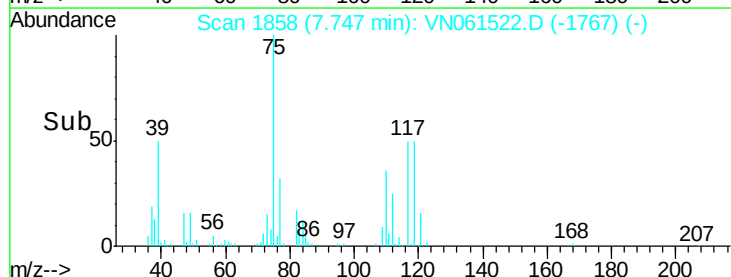
77 31.3 24.9 37.3

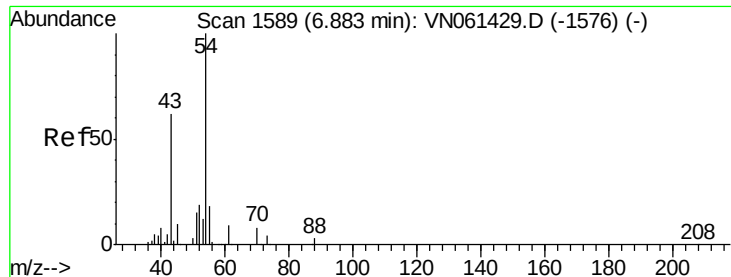


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

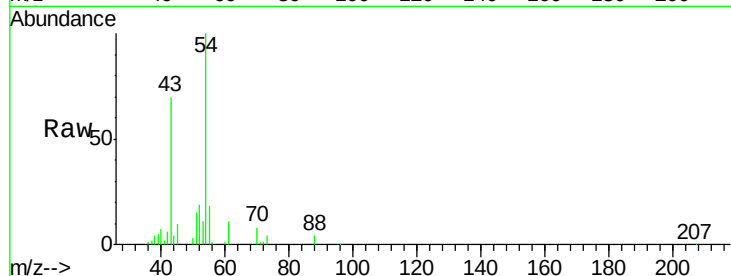




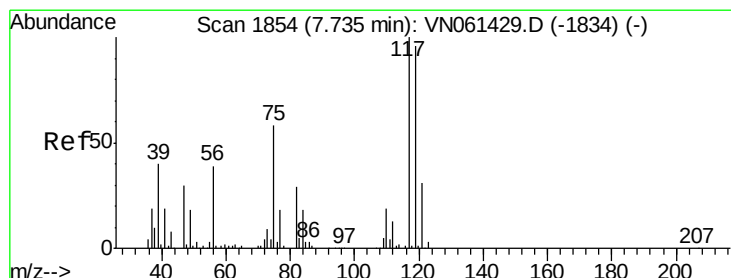
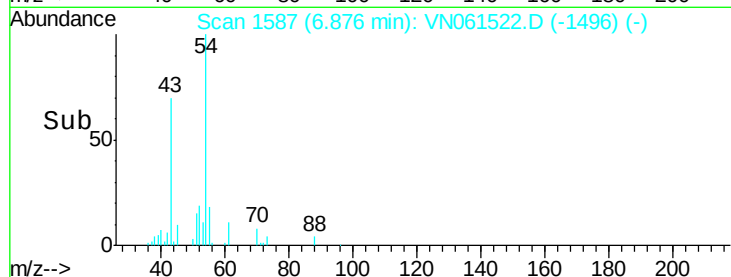
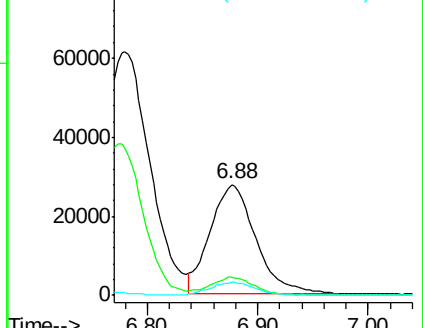
#37
Ethyl Acetate
Concen: 16.547 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tot Ion: 43 Resp: 79269
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 11.7 9.2 13.8

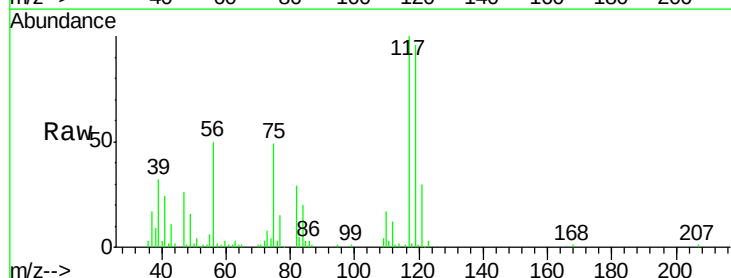


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

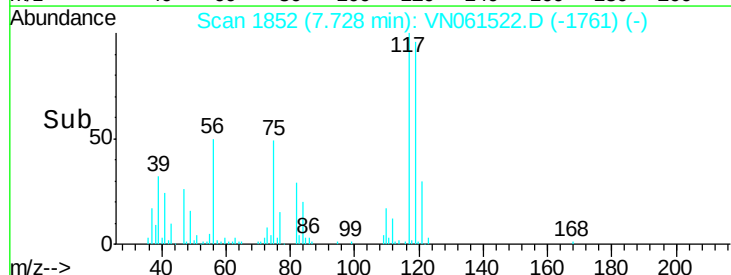
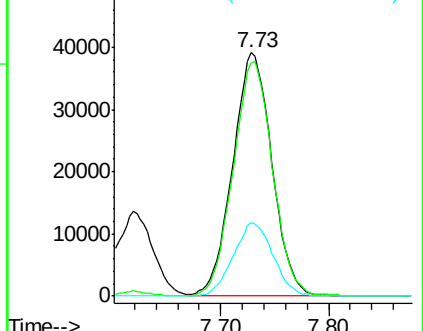


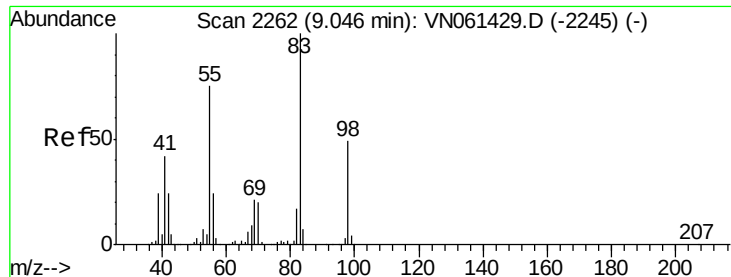
#38
Carbon Tetrachloride
Concen: 20.340 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion: 117 Resp: 98935
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6
121 30.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

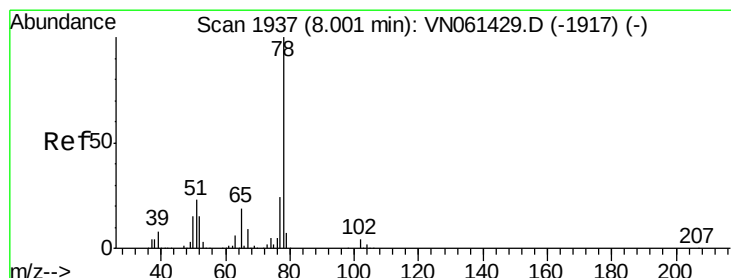
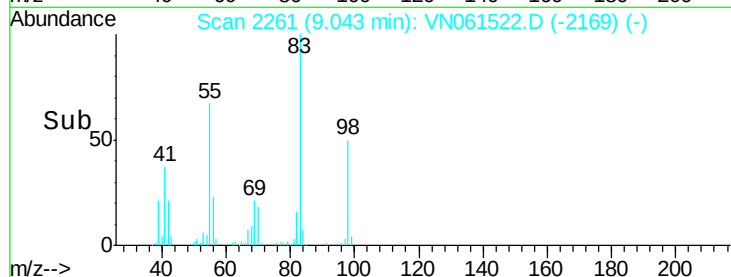
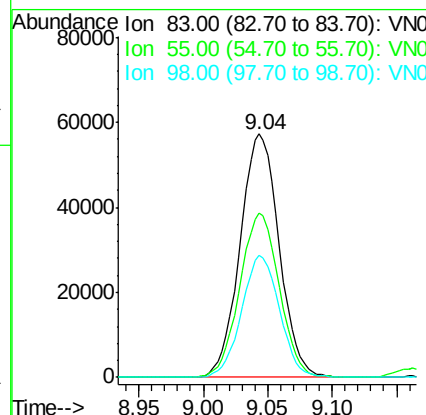
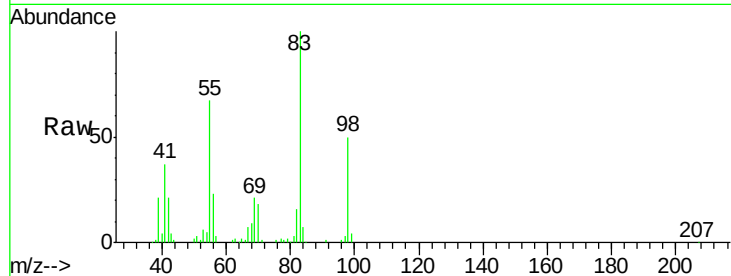




#39
Methylvlcyclohexane
Concen: 18.692 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

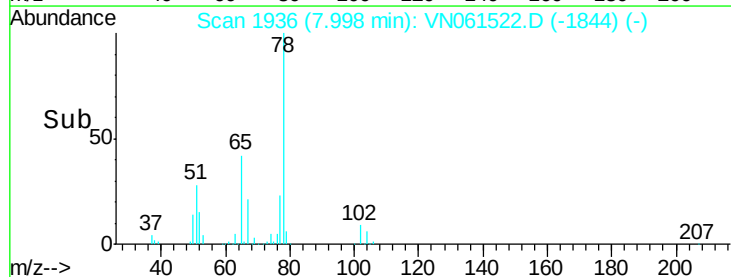
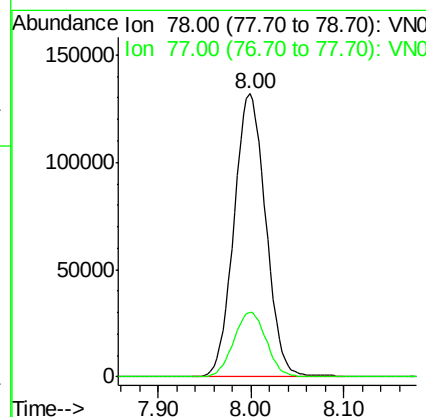
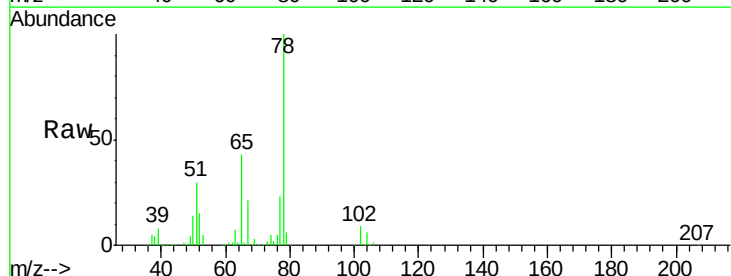
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

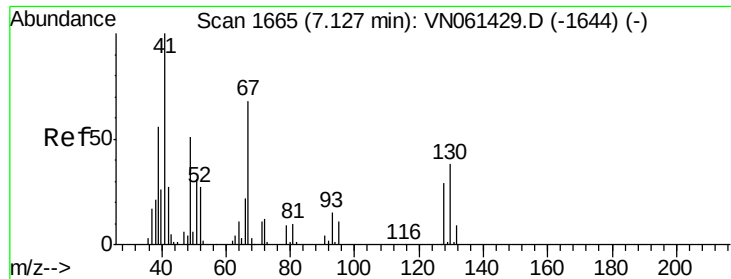
Tot Ion: 83 Resp: 120597
Ion Ratio Lower Upper
83 100
55 67.4 59.7 89.5
98 50.2 38.9 58.3



#40
Benzene
Concen: 19.717 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion: 78 Resp: 313872
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7

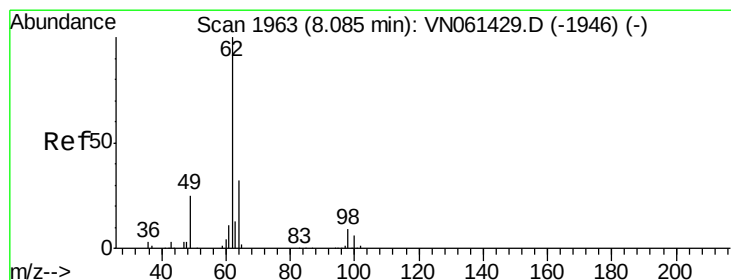
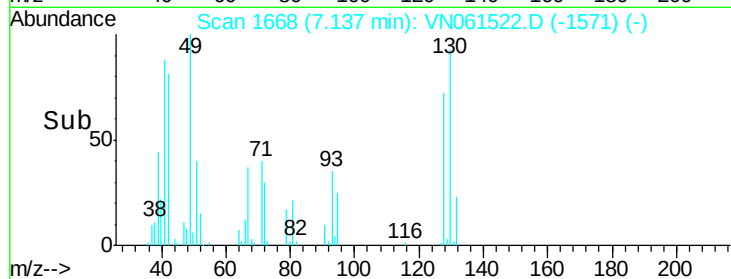
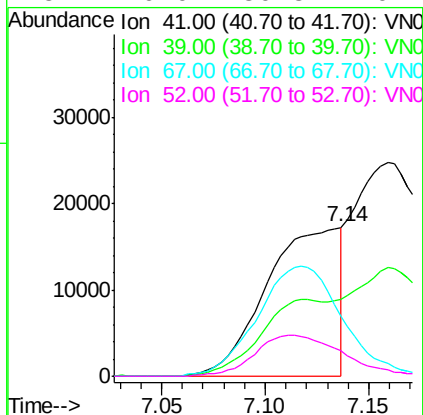
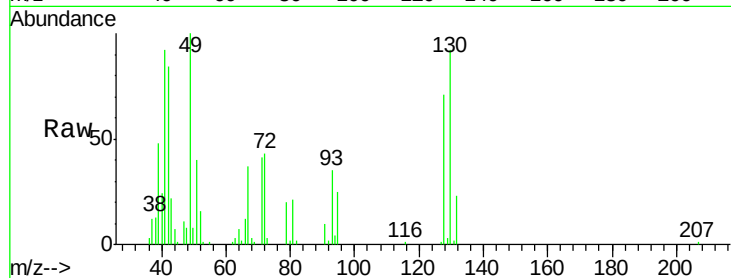




#41
Methacrylonitrile
Concen: 21.189 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

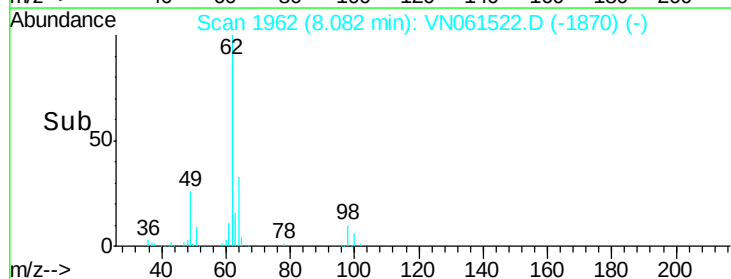
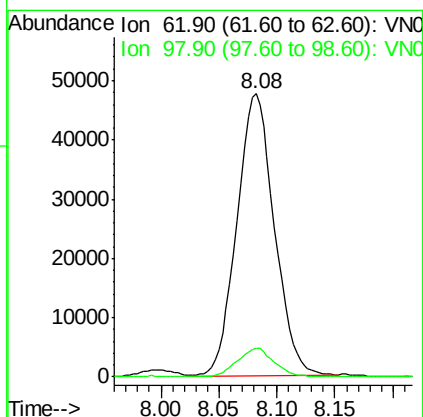
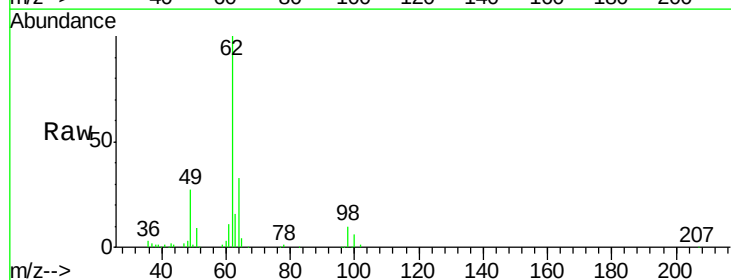
Instrument :
MSVOA_N
ClientSampled :
VN0521WBS01

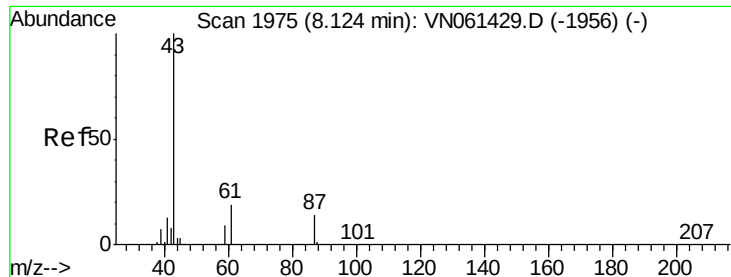
Tot Ion: 41 Resp: 42872
Ion Ratio Lower Upper
41 100
39 0.0 48.3 72.5#
67 0.0 74.2 111.4#
52 0.0 30.8 46.2#



#42
1,2-Dichloroethane
Concen: 18.669 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion: 62 Resp: 107075
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.4





#43

Isopropyl Acetate

Concen: 16.747 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

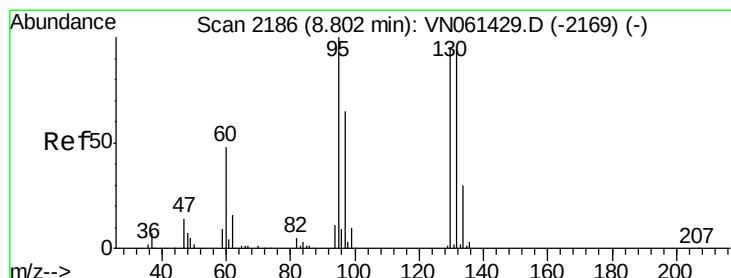
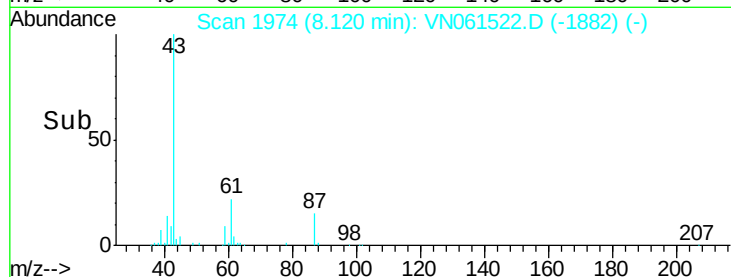
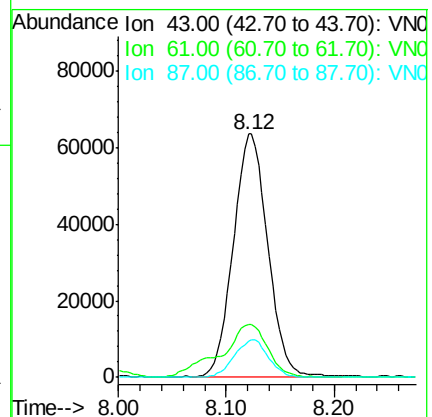
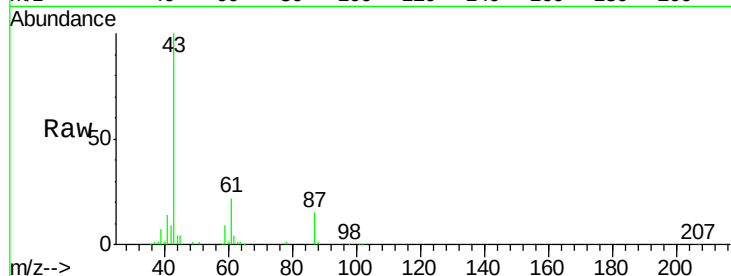
Tot Ion: 43 Resp: 139923

Ion Ratio Lower Upper

43 100

61 30.0 23.0 34.4

87 15.4 11.6 17.4



#44

Trichloroethene

Concen: 21.930 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061522.D

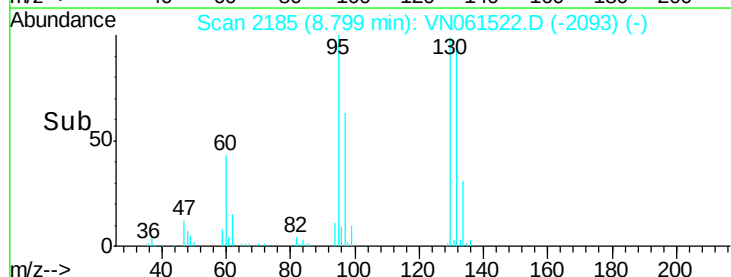
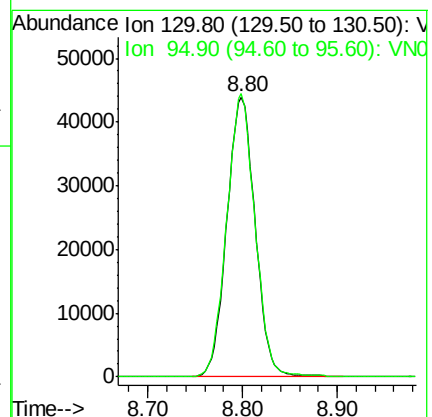
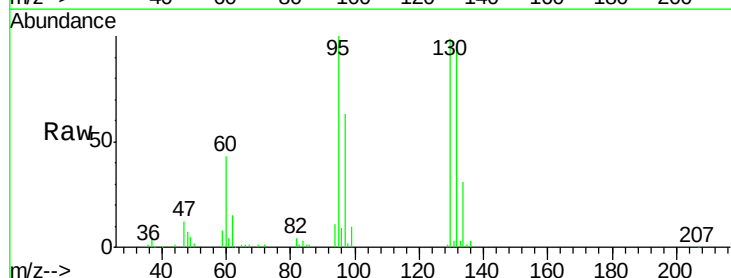
Acq: 21 May 2020 11:52

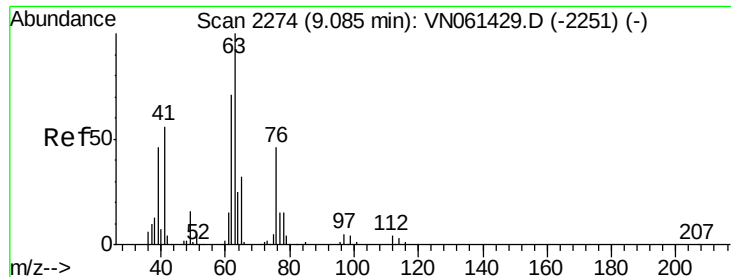
Tgt Ion:130 Resp: 91476

Ion Ratio Lower Upper

130 100

95 101.2 0.0 209.8





#45

1,2-Dichloropropane

Concen: 19.003 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

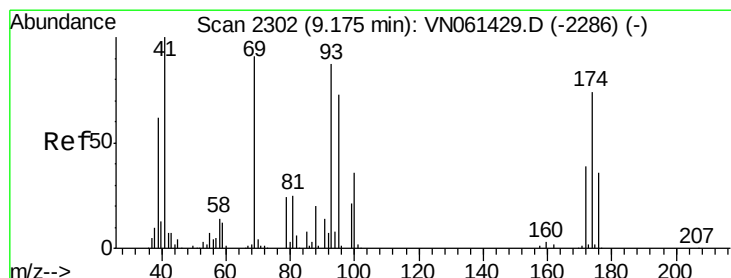
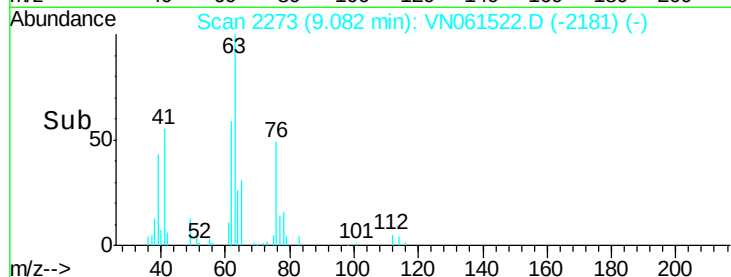
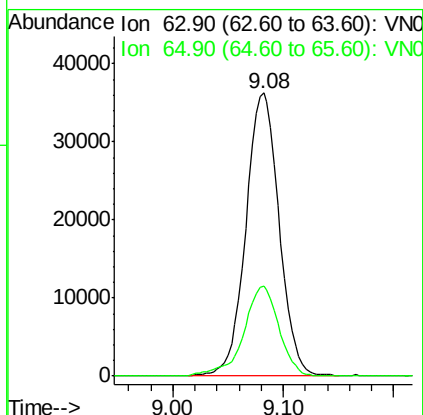
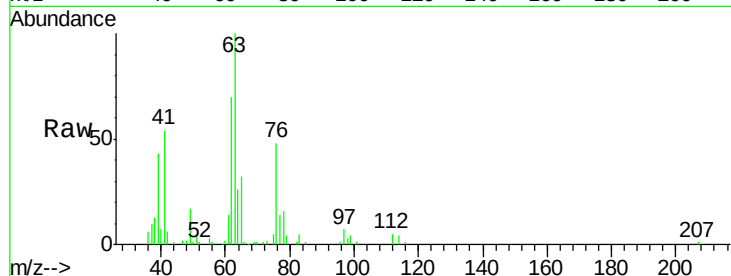
VN0521WBS01

Tot Ion: 63 Resp: 75719

Ion Ratio Lower Upper

63 100

65 31.9 25.2 37.8



#46

Dibromomethane

Concen: 19.622 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

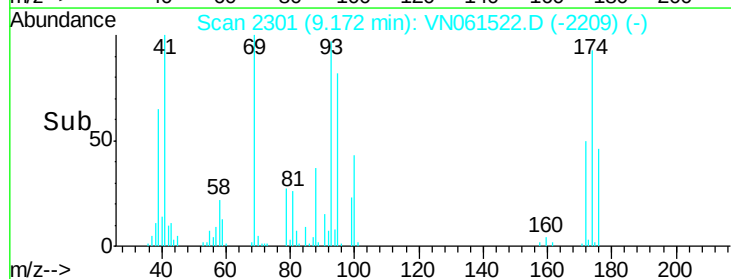
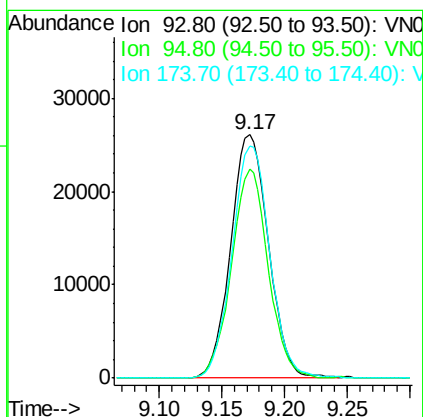
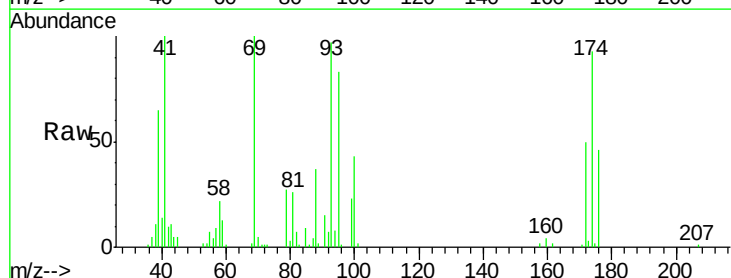
Tgt Ion: 93 Resp: 54810

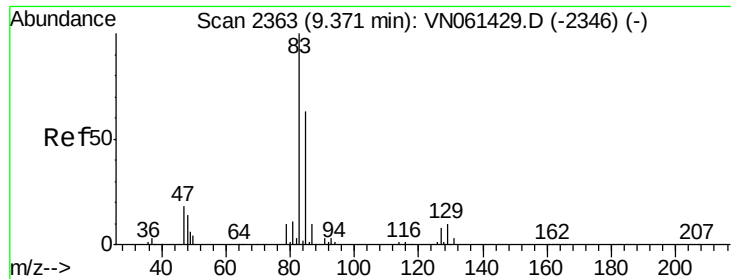
Ion Ratio Lower Upper

93 100

95 83.3 65.6 98.4

174 95.3 68.0 102.0





#47

Bromodichloromethane

Concen: 19.373 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

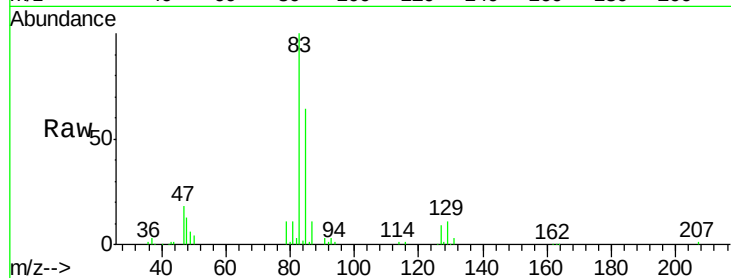
Tot Ion: 83 Resp: 114017

Ion Ratio Lower Upper

83 100

85 64.2 50.6 76.0

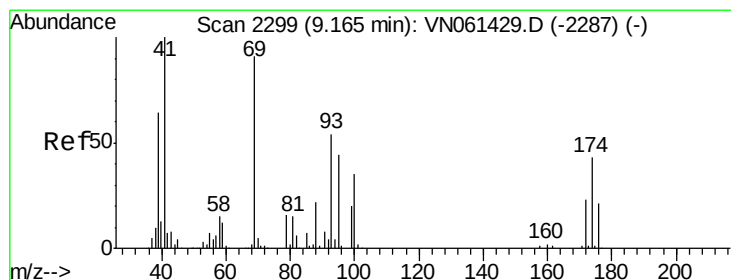
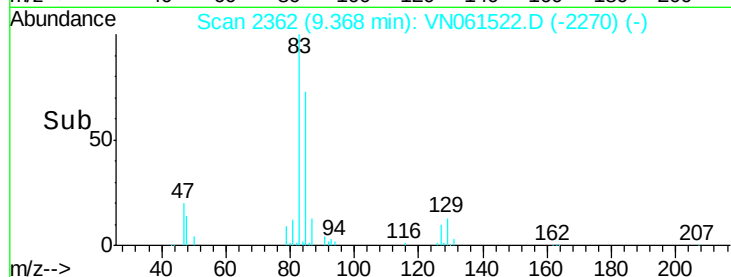
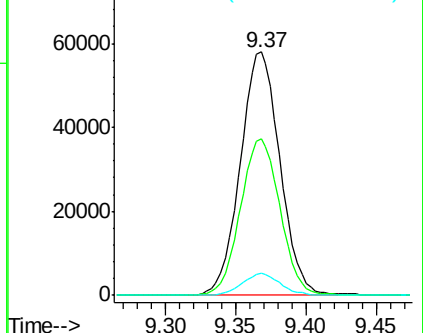
127 9.1 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN061522.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061522.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061522.D (-2270) (-)



#48

Methyl methacrylate

Concen: 15.721 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

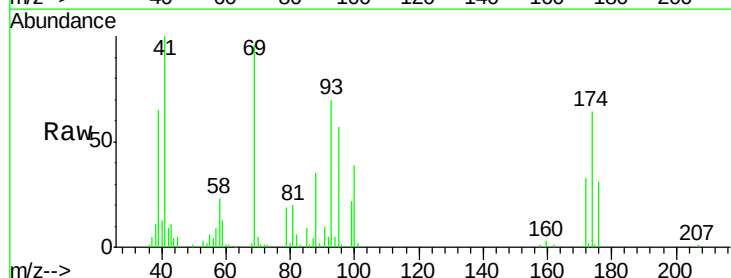
Tgt Ion: 41 Resp: 60681

Ion Ratio Lower Upper

41 100

69 103.2 75.3 112.9

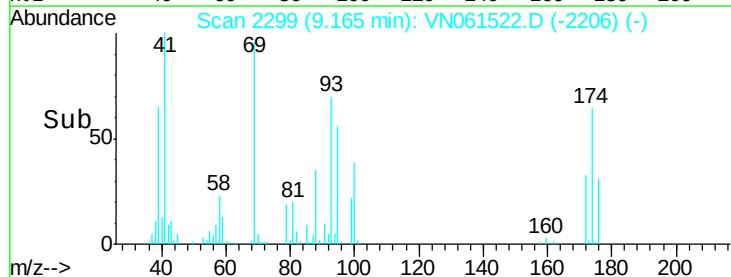
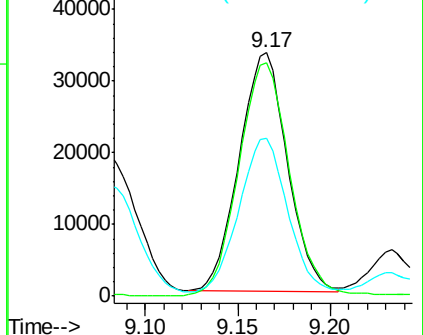
39 65.4 52.6 79.0

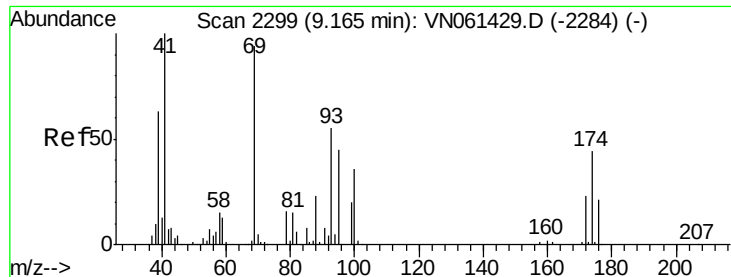


Abundance Ion 41.00 (40.70 to 41.70): VN061522.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061522.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061522.D (-2206) (-)





#49

1,4-Dioxane

Concen: 610.884 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :
MSVOA_N
ClientSampled :
VN0521WBS01

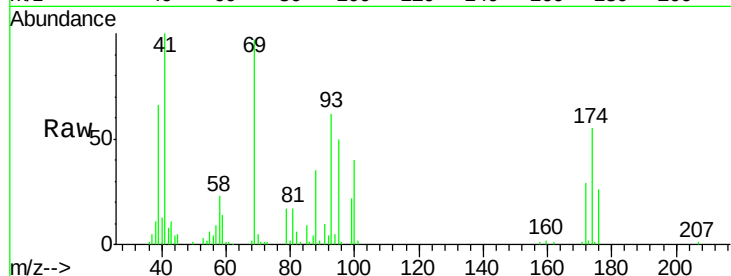
Tot Ion: 88 Resp: 25396

Ion Ratio Lower Upper

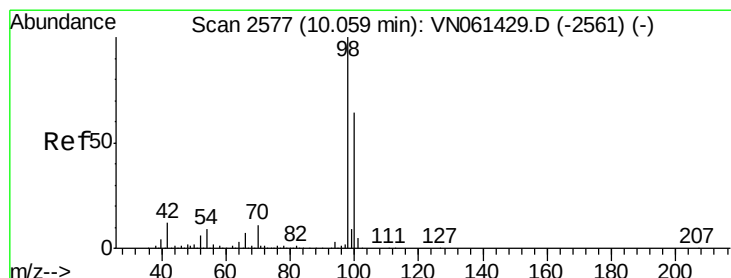
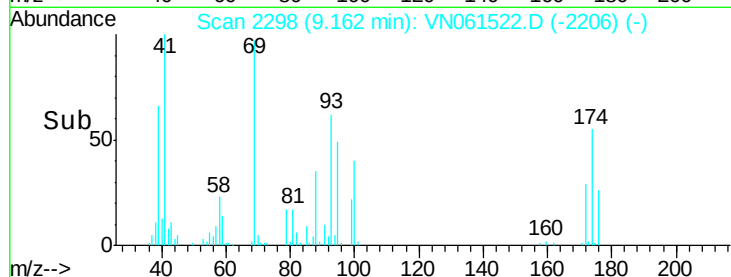
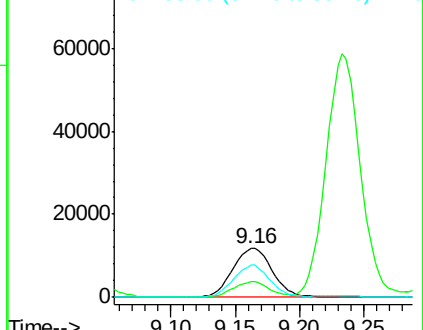
88 100

43 30.1 26.3 39.5

58 60.3 54.1 81.1



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



#50

Toluene-d8

Concen: 48.893 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061522.D

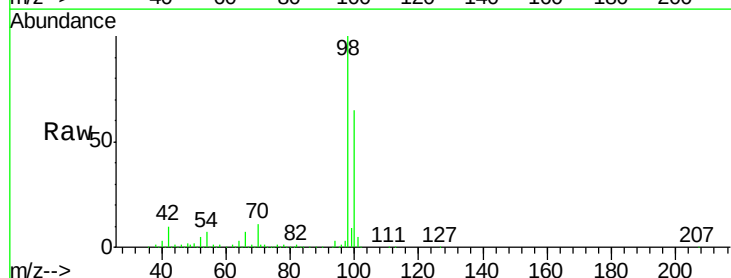
Acq: 21 May 2020 11:52

Tgt Ion: 98 Resp: 671151

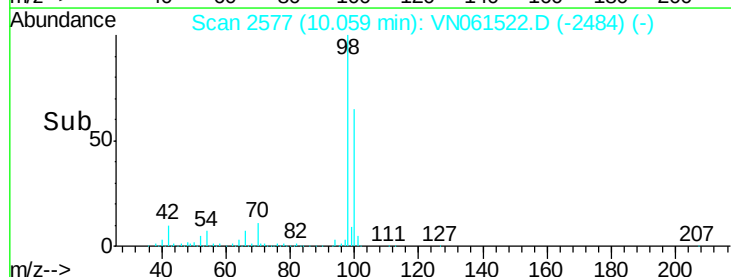
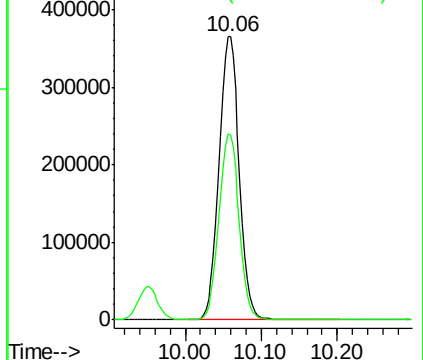
Ion Ratio Lower Upper

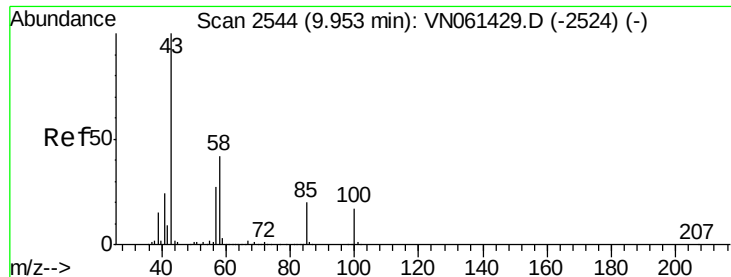
98 100

100 65.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

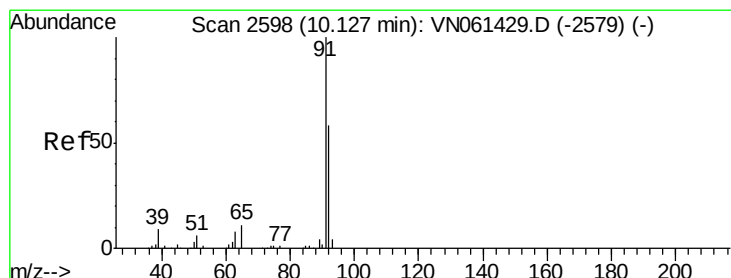
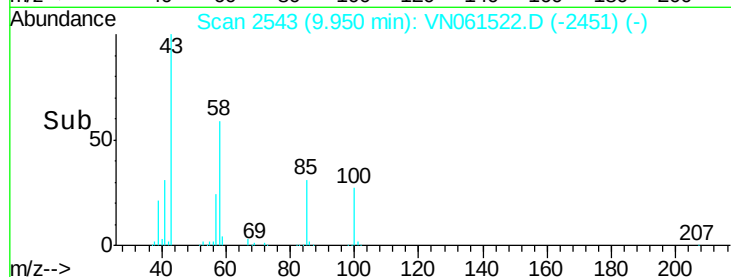
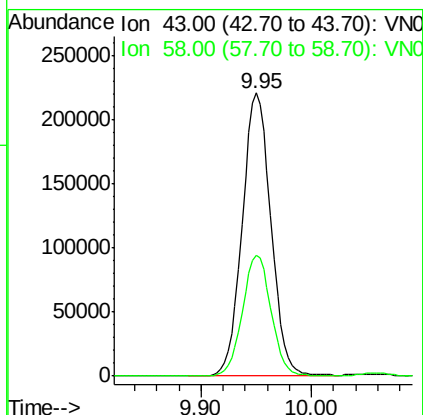
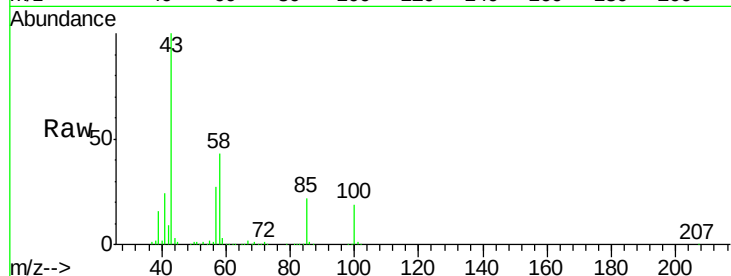




#51
 4-Methyl-2-Pentanone
 Concen: 87.448 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

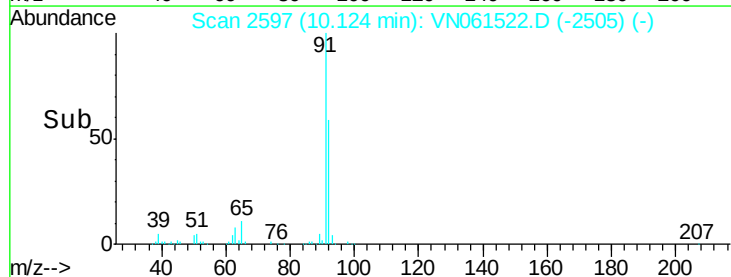
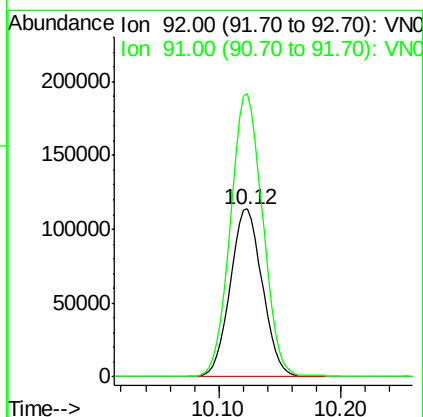
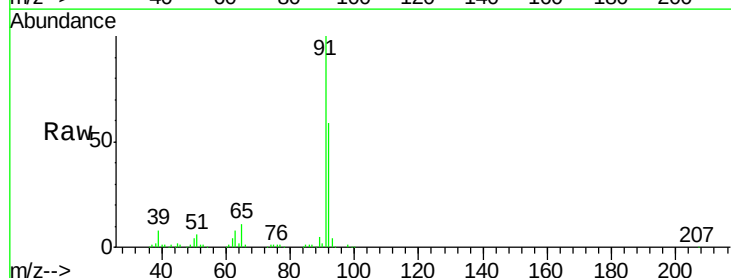
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

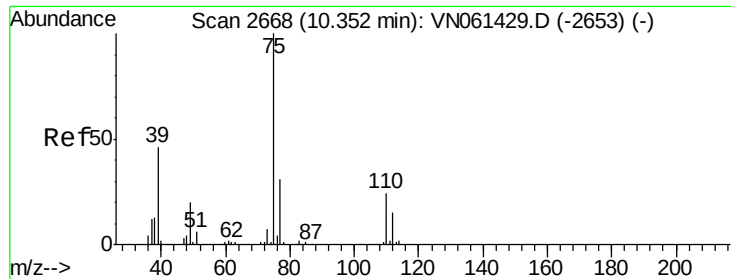
Tot Ion: 43 Resp: 398028
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.4 50.2



#52
 Toluene
 Concen: 20.439 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion: 92 Resp: 208888
 Ion Ratio Lower Upper
 92 100
 91 169.1 138.0 207.0

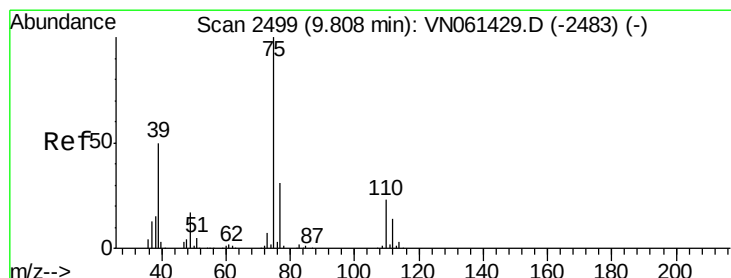
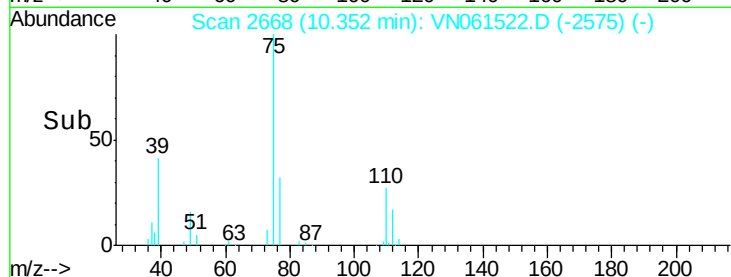
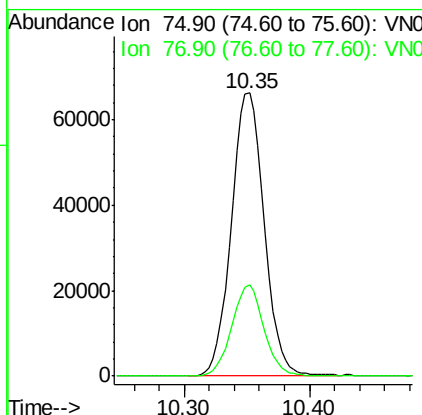
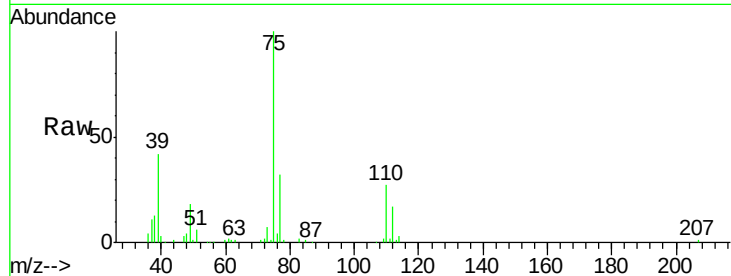




#53
t-1,3-Dichloropropene
Concen: 18.703 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

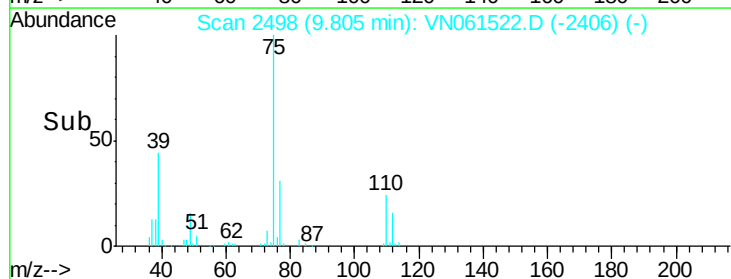
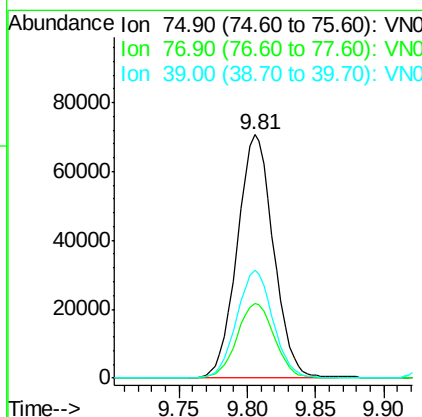
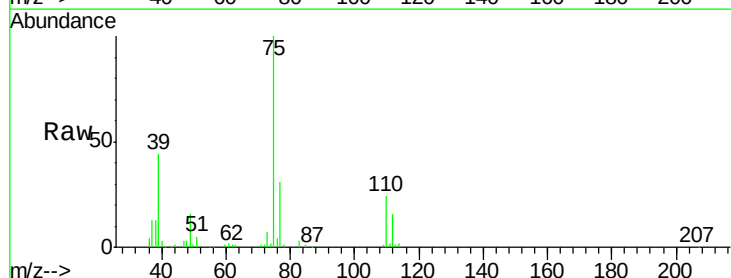
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

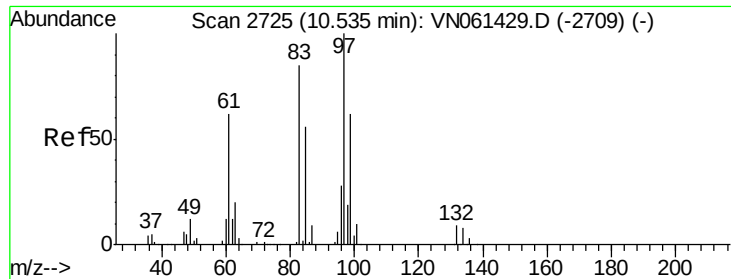
Tot Ion: 75 Resp: 120644
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 19.048 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion: 75 Resp: 130613
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 44.3 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 20.947 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0521WBS01

Tot Ion: 97 Resp: 80937

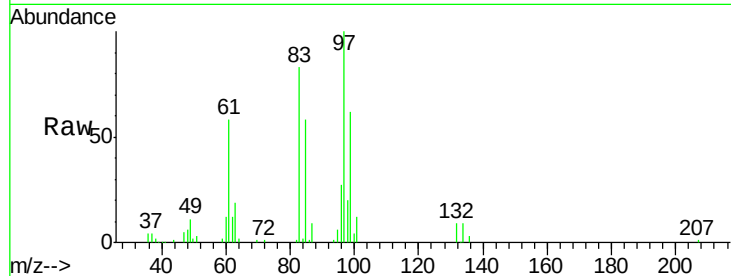
Ion Ratio Lower Upper

97 100

83 82.6 68.2 102.4

85 57.5 44.6 67.0

99 62.5 49.5 74.3

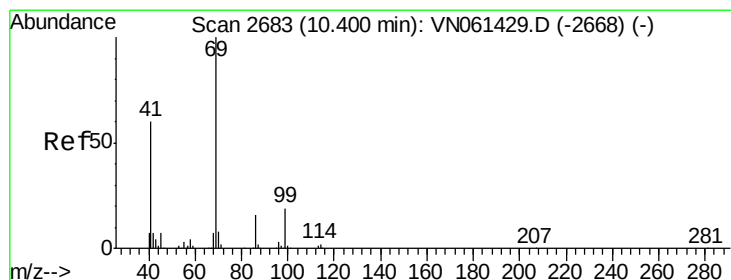
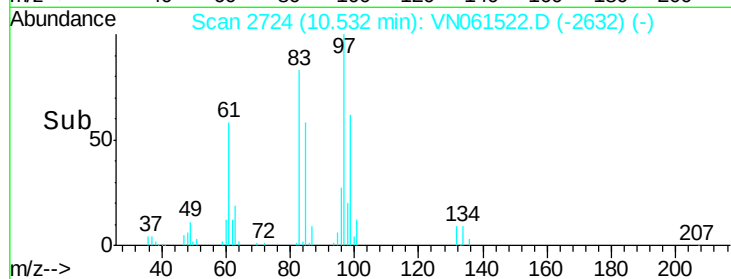
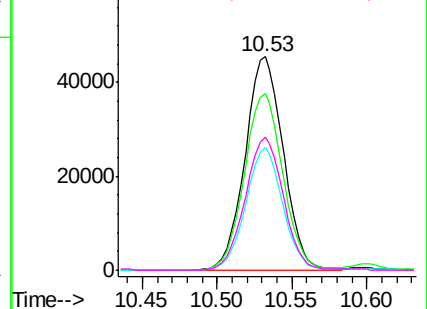


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.655 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

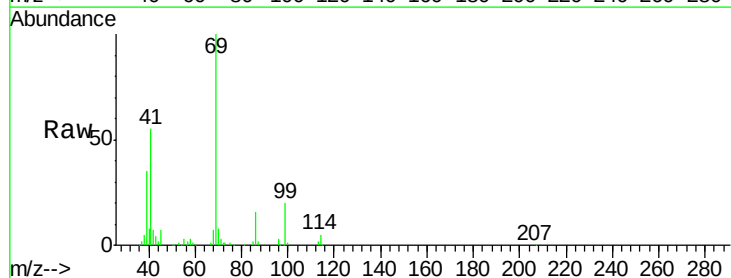
Tgt Ion: 69 Resp: 112692

Ion Ratio Lower Upper

69 100

41 55.6 48.3 72.5

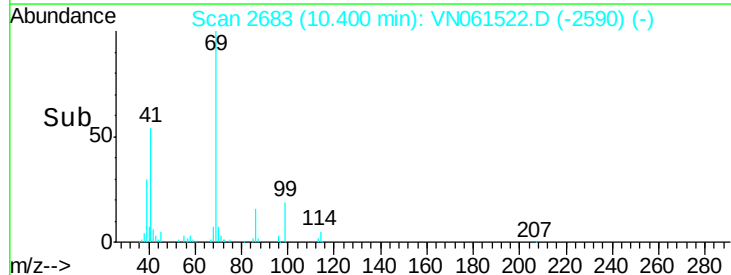
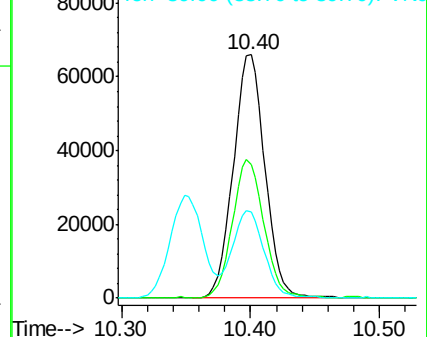
39 35.7 30.2 45.2

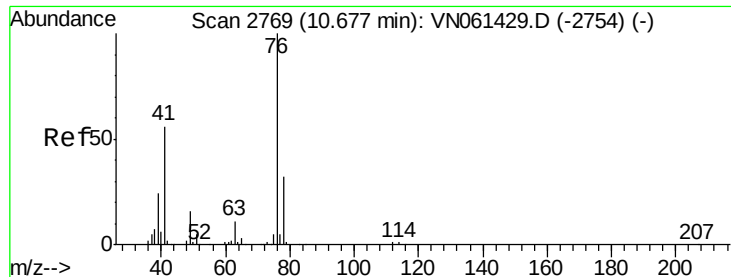


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

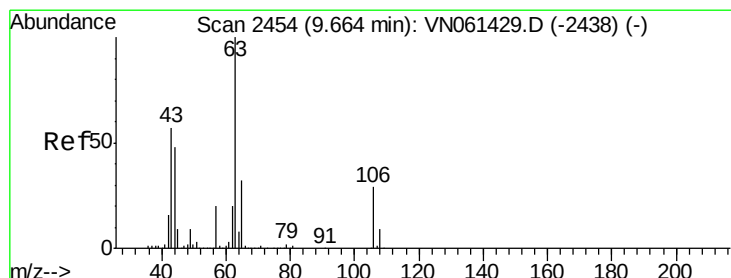
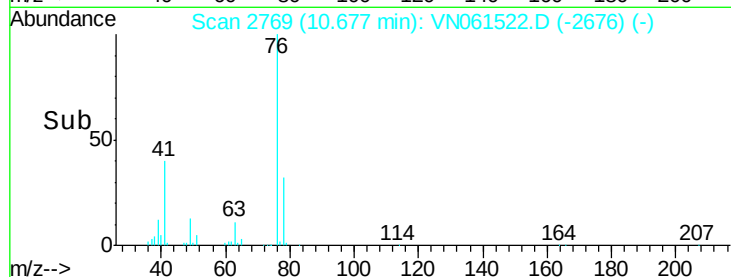
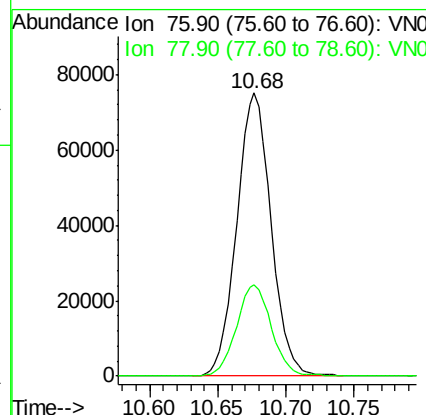
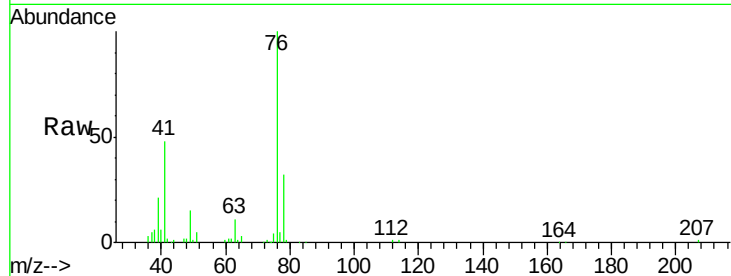




#57
 1,3-Dichloropropane
 Concen: 19.658 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

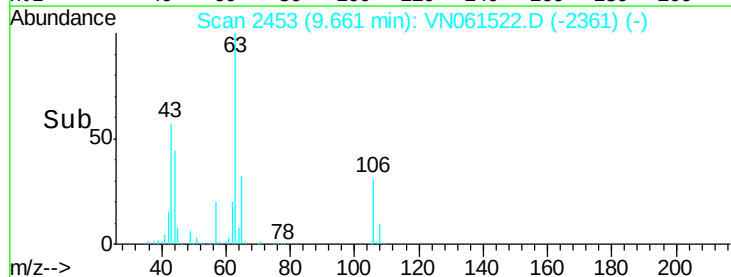
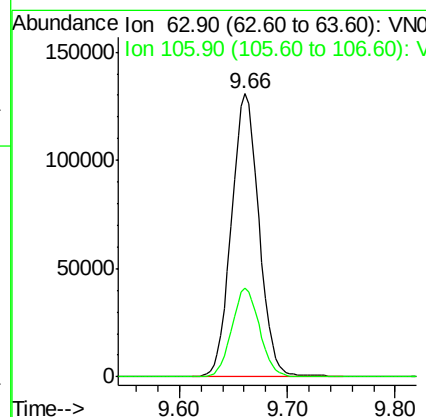
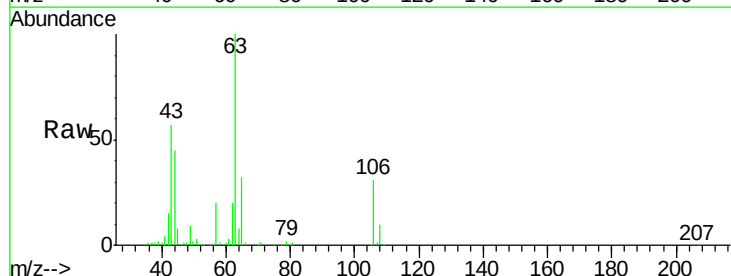
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

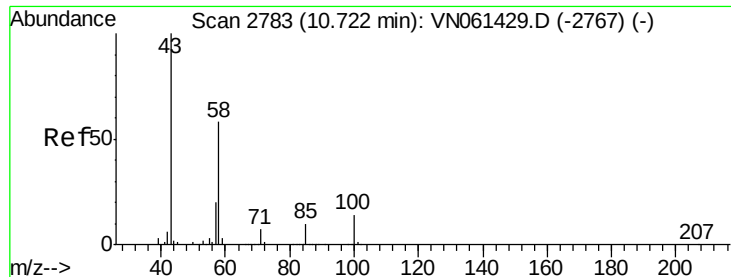
Tot Ion: 76 Resp: 131269
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.213 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion: 63 Resp: 233899
 Ion Ratio Lower Upper
 63 100
 106 31.5 22.7 34.1

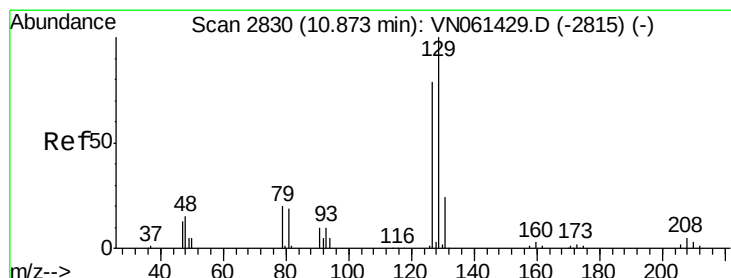
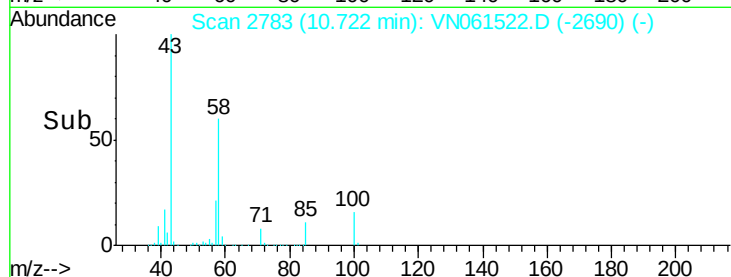
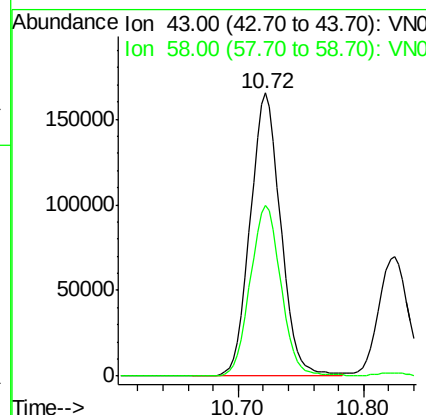
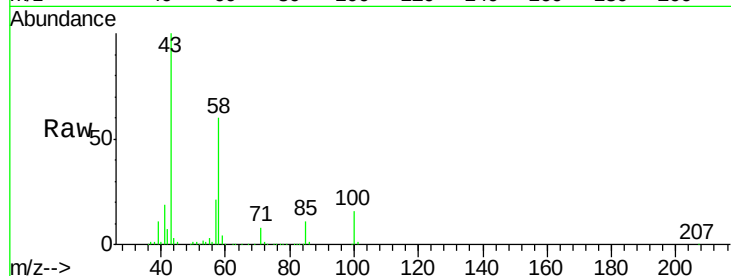




#59
2-Hexanone
Concen: 85.047 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

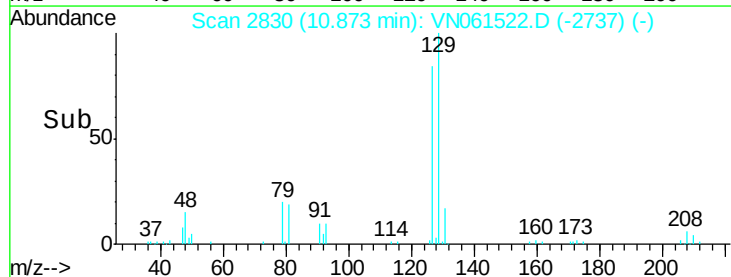
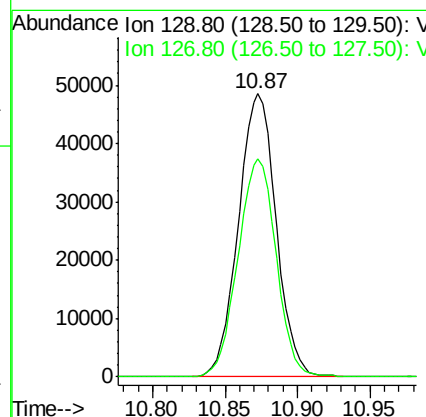
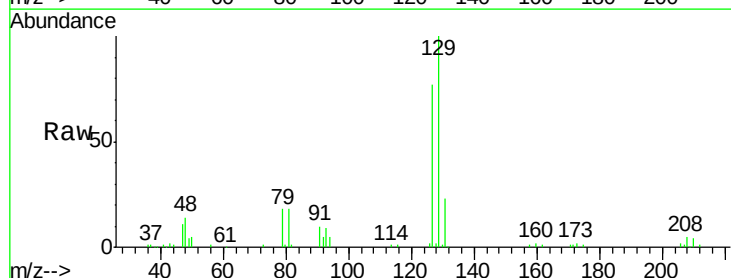
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

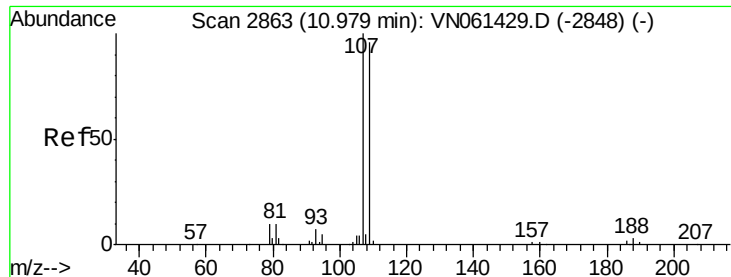
Tot Ion: 43 Resp: 280061
Ion Ratio Lower Upper
43 100
58 60.9 29.2 87.6



#60
Dibromochloromethane
Concen: 20.608 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion: 129 Resp: 88079
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3

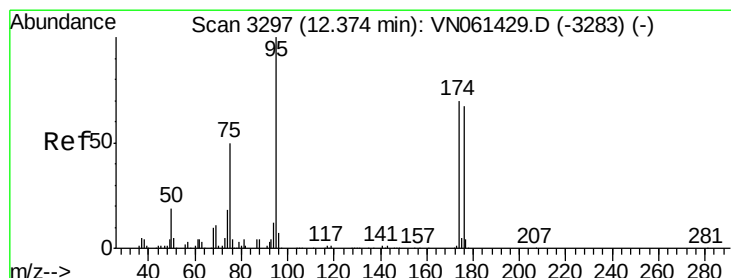
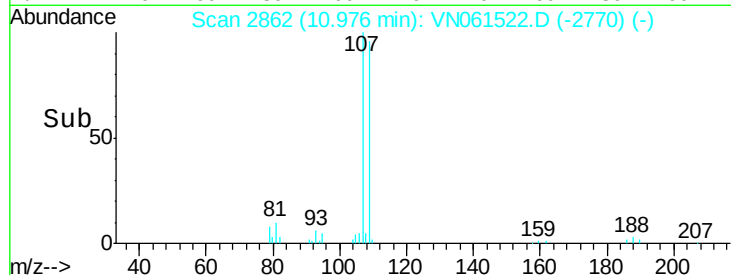
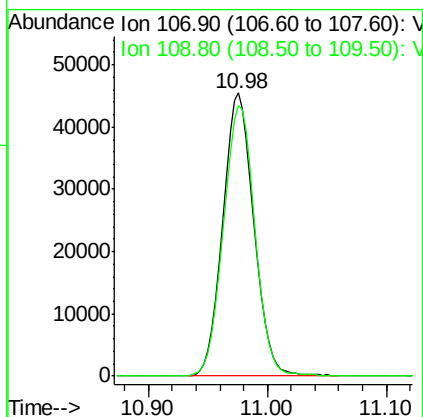
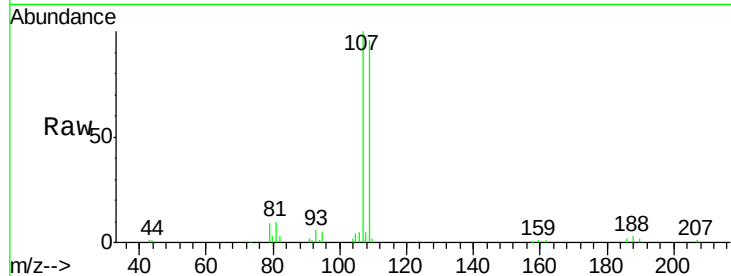




#61
 1,2-Dibromoethane
 Concen: 20.236 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

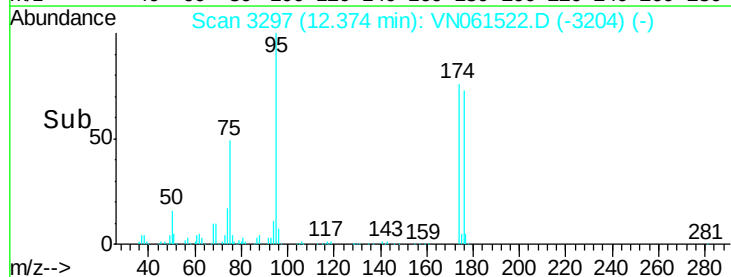
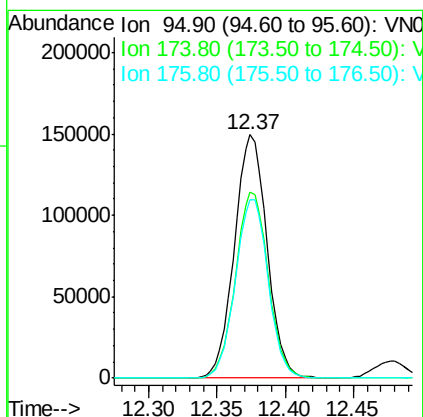
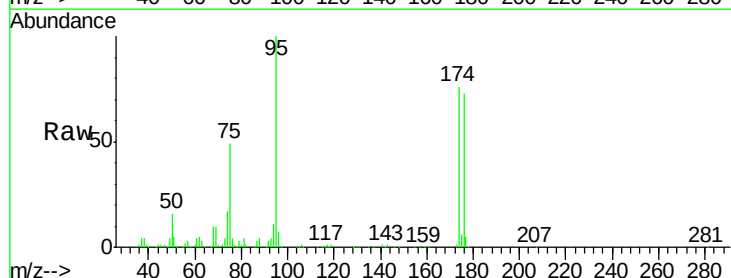
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

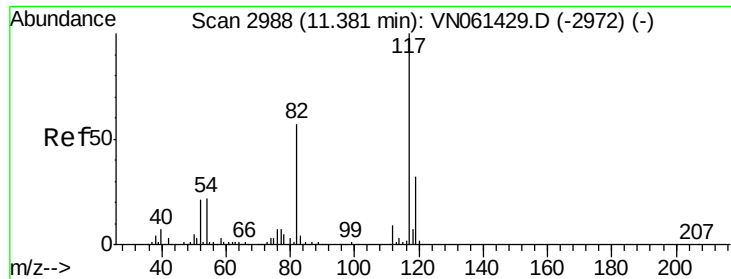
Tot Ion:107 Resp: 82212
 Ion Ratio Lower Upper
 107 100
 109 97.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.377 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion: 95 Resp: 248101
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 141.2
 176 74.1 0.0 137.6

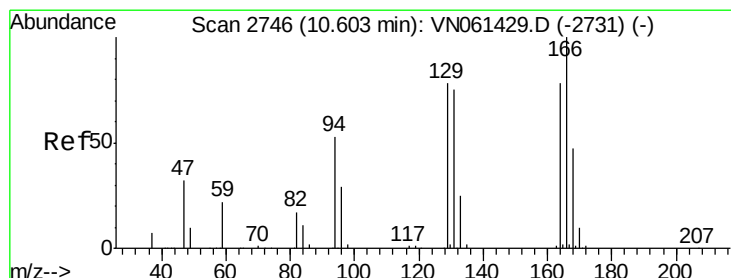
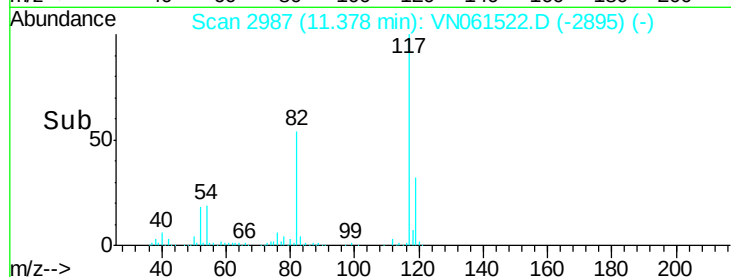
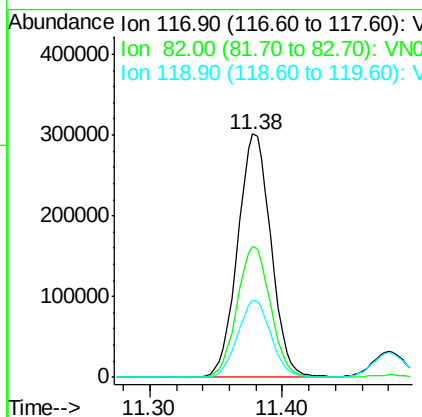
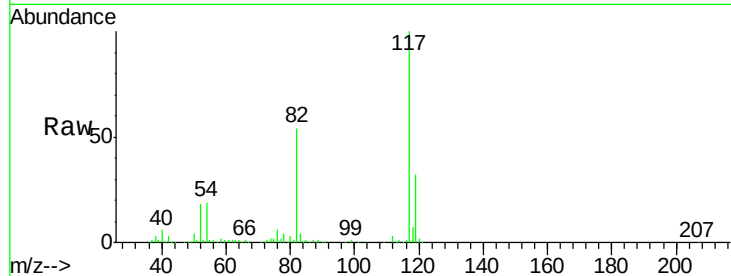




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

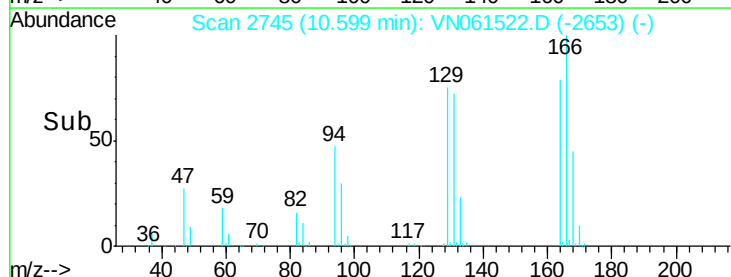
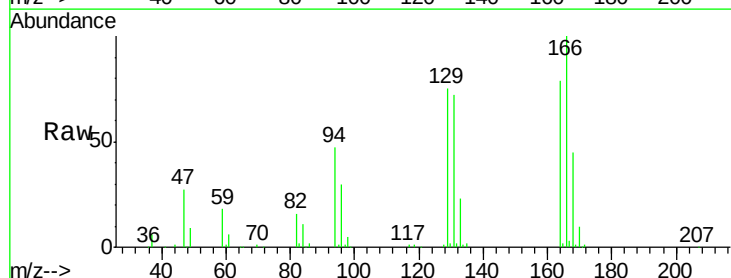
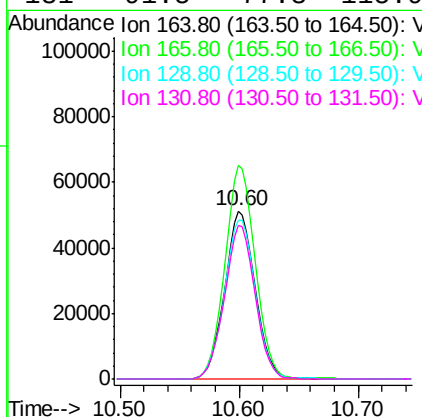
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

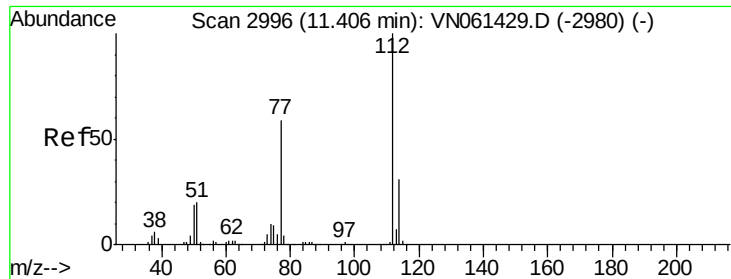
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.2	67.8
119	31.6	25.3	37.9



#64
Tetrachloroethene
Concen: 22.313 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	103.2	154.8
129	95.0	81.0	121.4
131	91.5	77.3	115.9

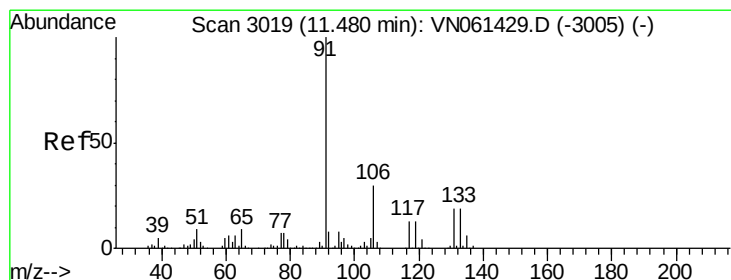
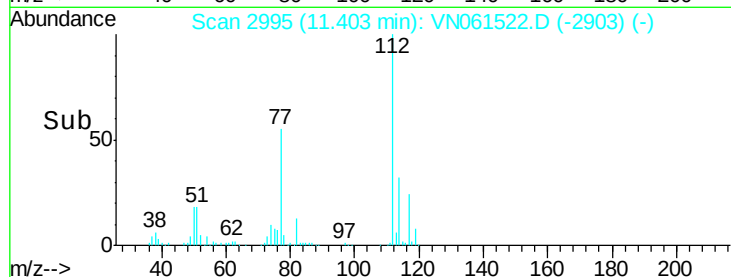
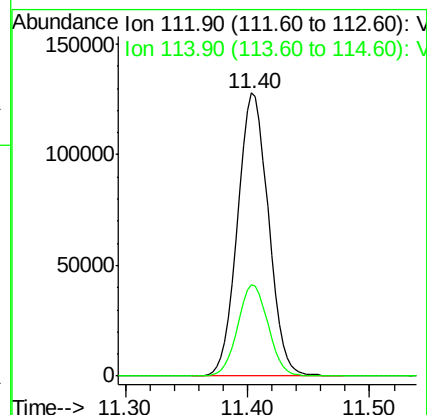
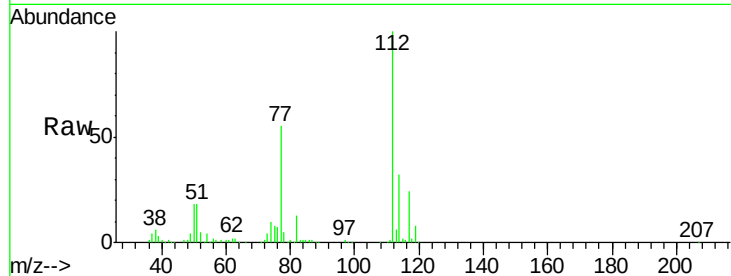




#65
Chlorobenzene
Concen: 20.987 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

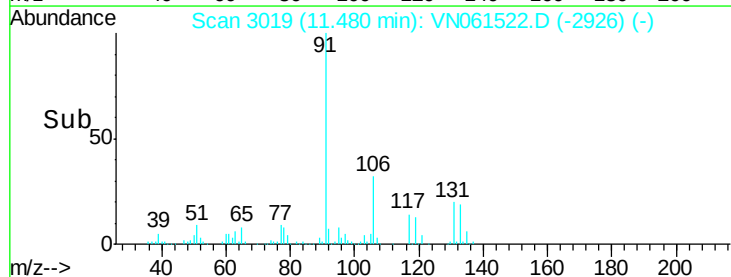
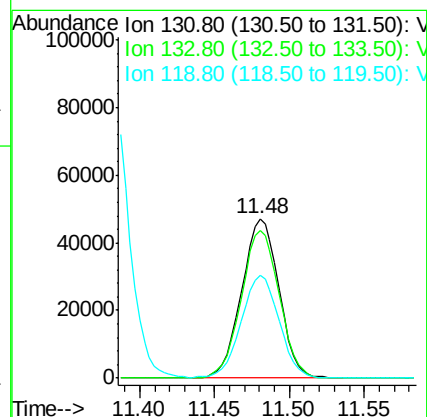
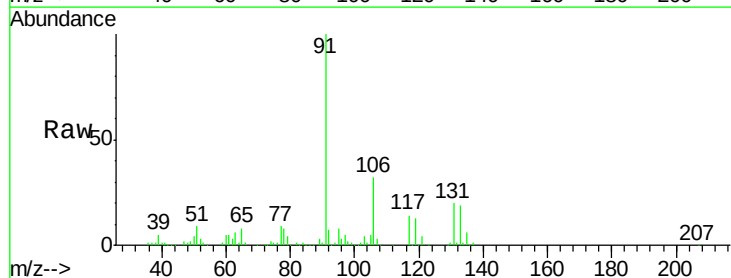
Instrument :
MSVOA_N
ClientSampled :
VN0521WBS01

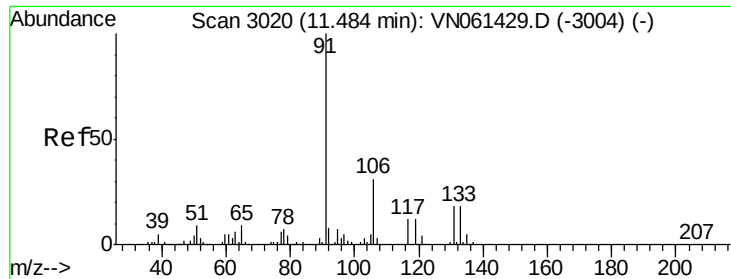
Tot Ion:112 Resp: 224946
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.235 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion:131 Resp: 81596
Ion Ratio Lower Upper
131 100
133 94.8 48.7 146.1
119 65.8 33.8 101.3

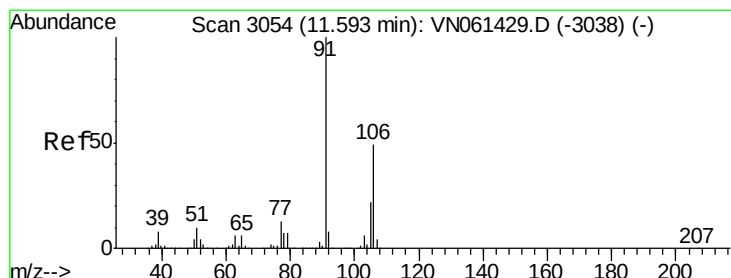
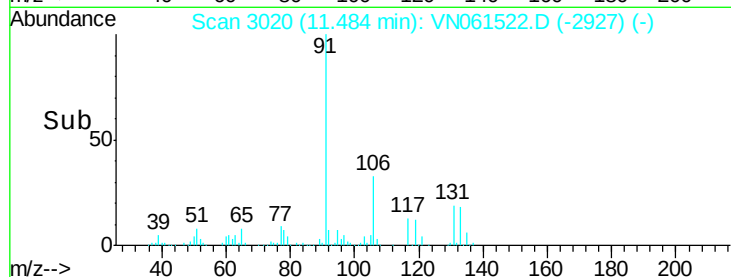
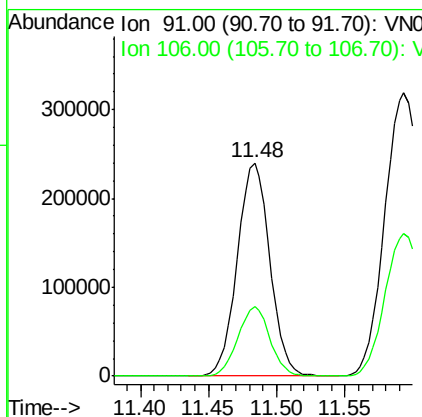
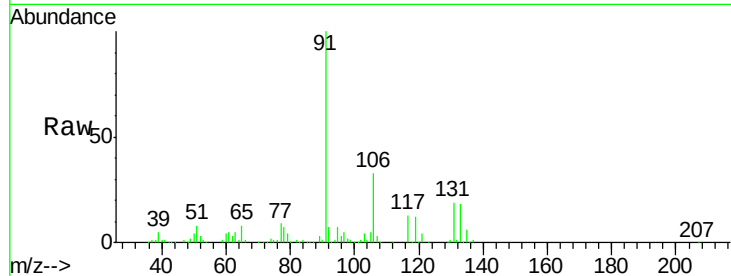




#67
Ethyl Benzene
Concen: 20.372 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

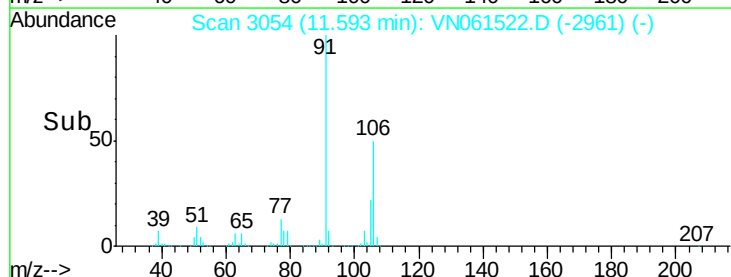
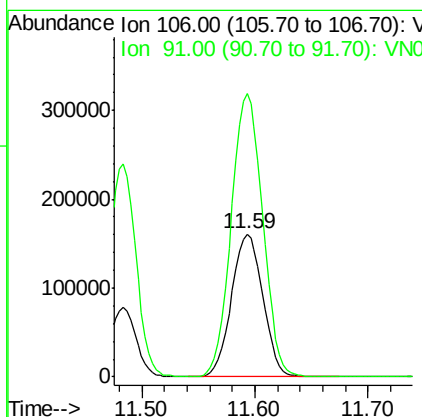
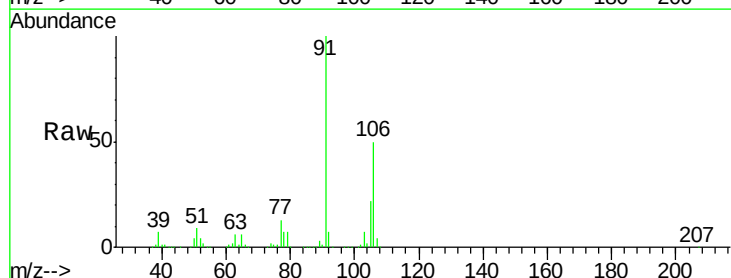
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

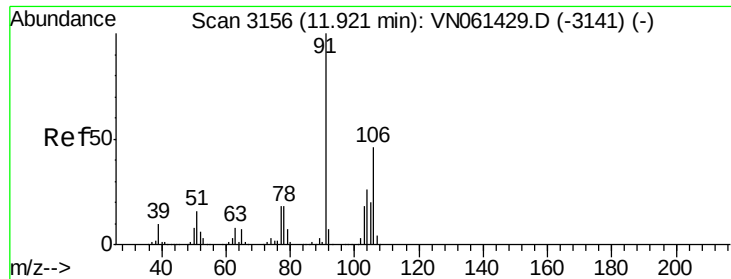
Tot Ion: 91 Resp: 398573
Ion Ratio Lower Upper
91 100
106 32.5 24.6 36.8



#68
m/p-Xylenes
Concen: 41.894 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion: 106 Resp: 311117
Ion Ratio Lower Upper
106 100
91 198.0 163.0 244.6

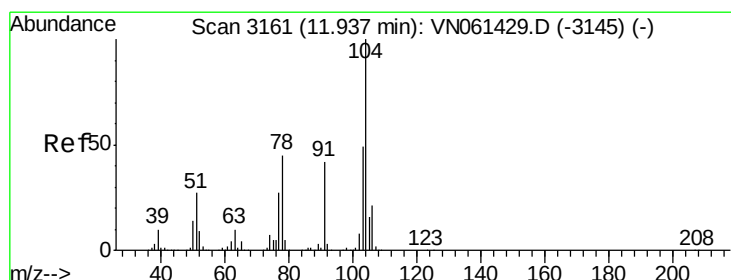
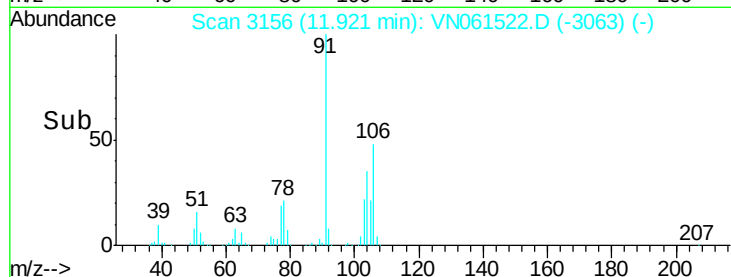
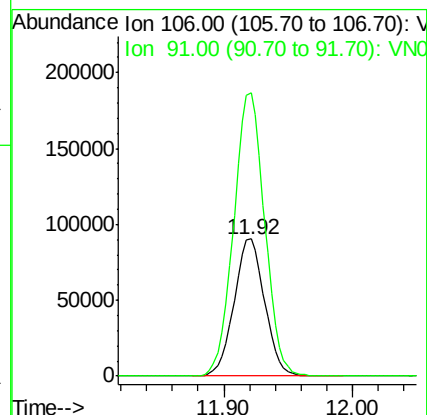
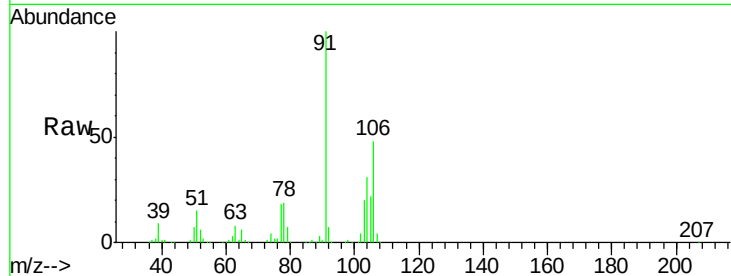




#69
o-Xylene
Concen: 20.674 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

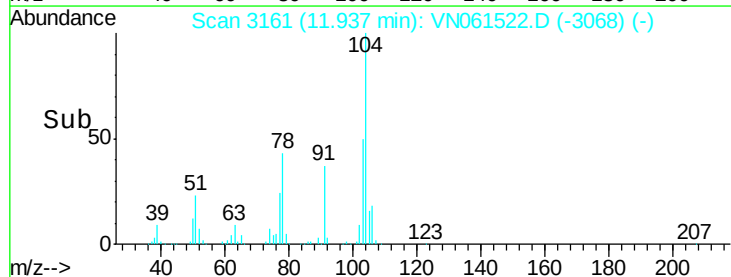
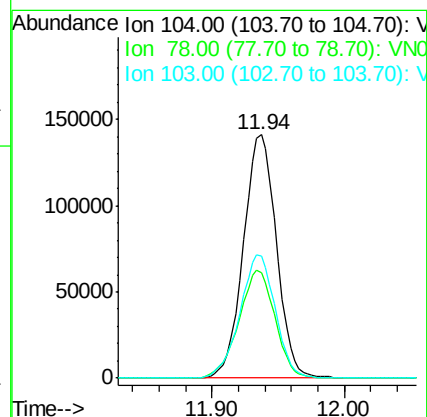
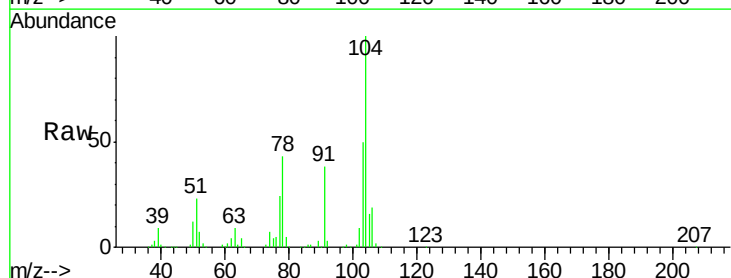
Instrument :
MSVOA_N
ClientSampled :
VN0521WBS01

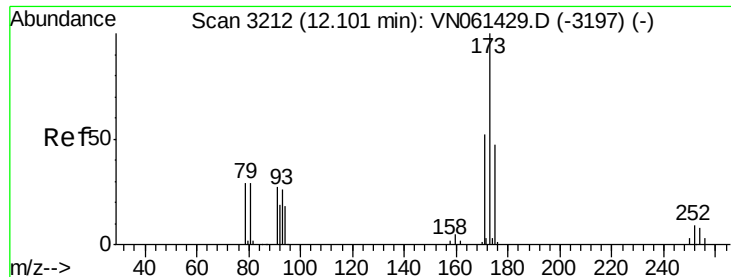
Tot Ion:106 Resp: 148572
Ion Ratio Lower Upper
106 100
91 209.2 107.9 323.7



#70
Styrene
Concen: 20.550 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion:104 Resp: 244560
Ion Ratio Lower Upper
104 100
78 48.7 40.7 61.1
103 54.4 43.0 64.4





#71

Bromoform

Concen: 19.641 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0521WBS01

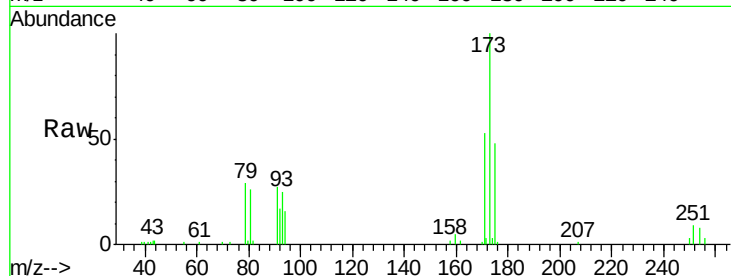
Tot Ion:173 Resp: 54868

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.8

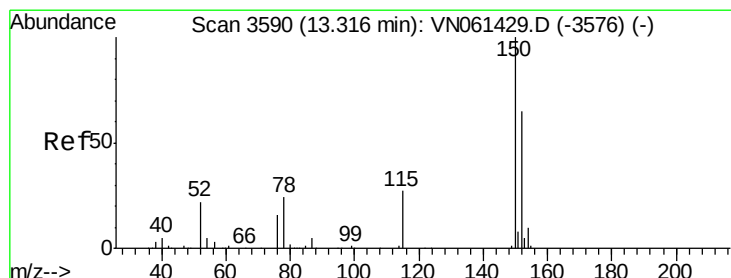
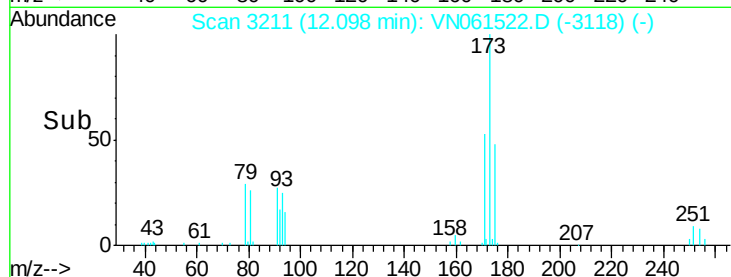
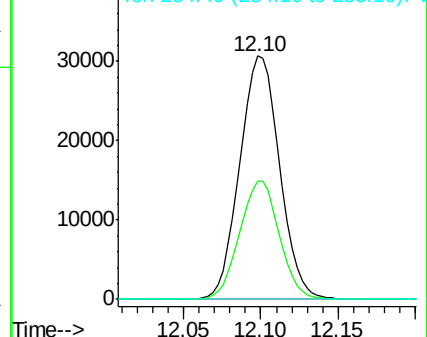
254 0.0 0.0 0.0



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: VN061522.D

Acq: 21 May 2020 11:52

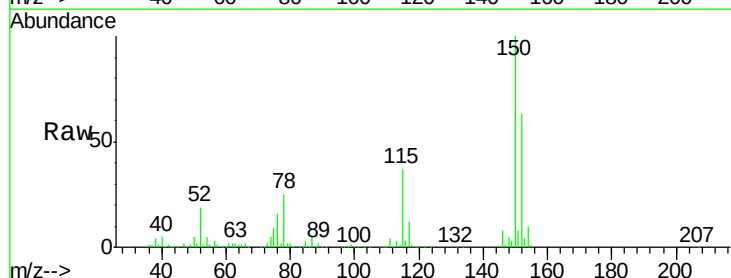
Tgt Ion:152 Resp: 249657

Ion Ratio Lower Upper

152 100

115 59.6 30.9 92.5

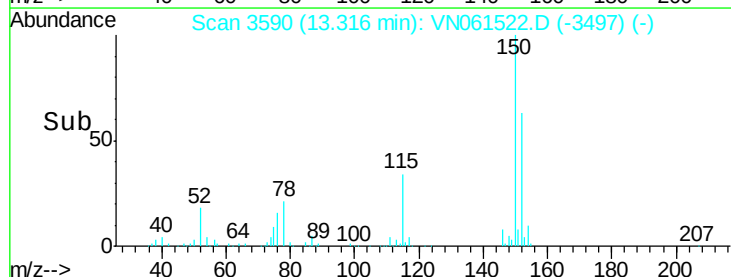
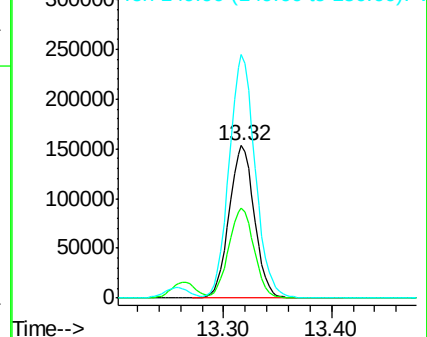
150 164.6 0.0 349.2

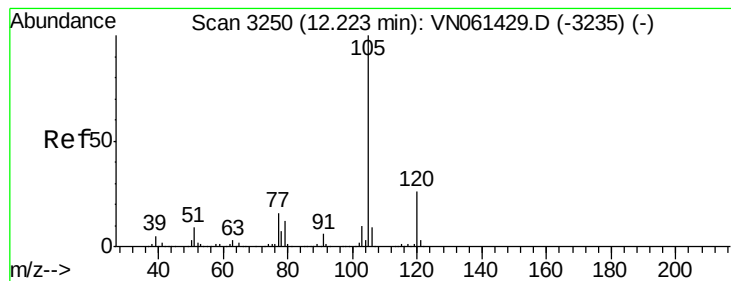


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.611 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

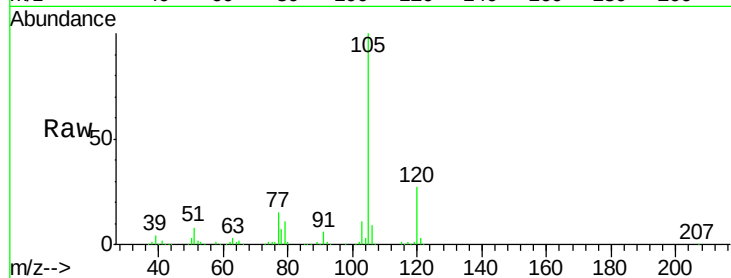
VN0521WBS01

Tot Ion:105 Resp: 393047

Ion Ratio Lower Upper

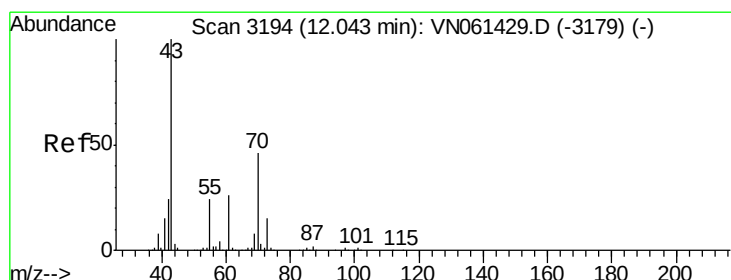
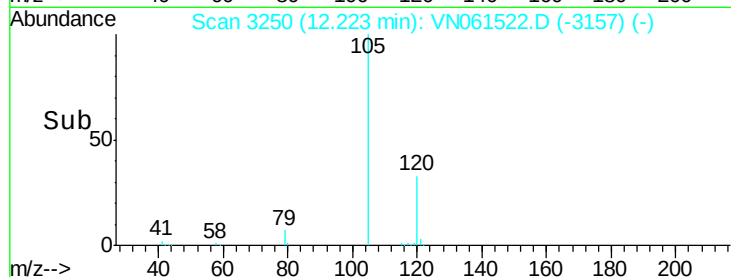
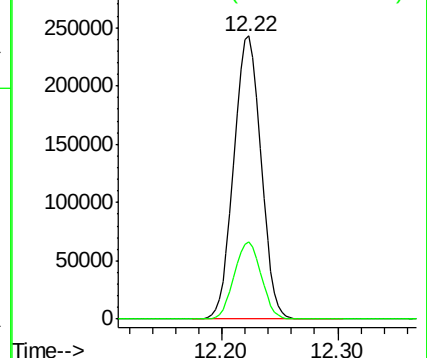
105 100

120 27.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.058 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Tgt Ion: 43 Resp: 117803

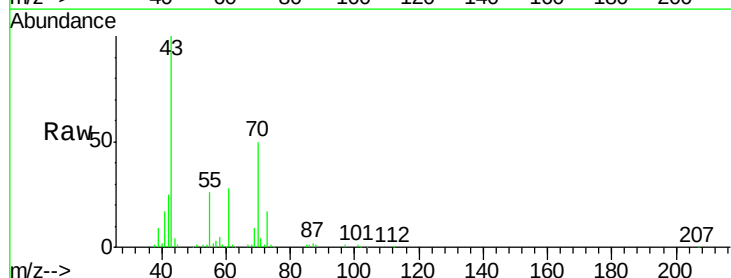
Ion Ratio Lower Upper

43 100

70 49.0 37.0 55.4

55 26.0 19.5 29.3

61 27.5 20.8 31.2

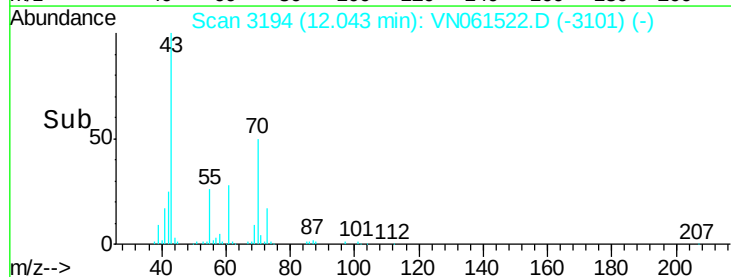
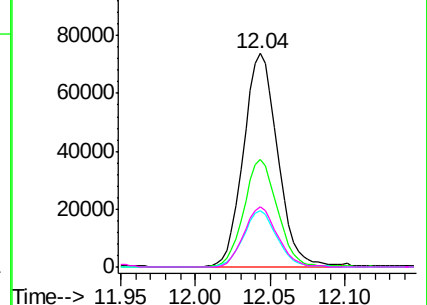


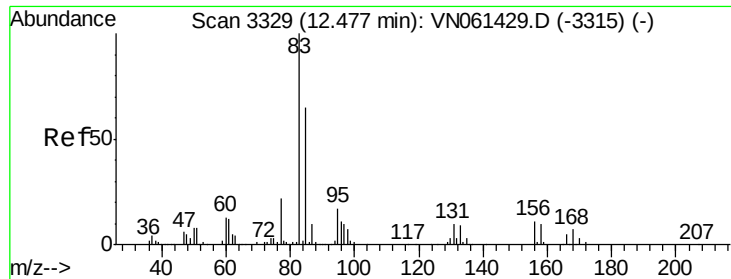
Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN





#75

1,1,2,2-Tetrachloroethane

Concen: 18.737 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0521WBS01

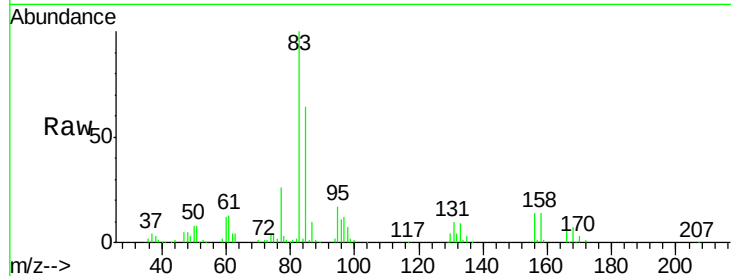
Tot Ion: 83 Resp: 103317

Ion Ratio Lower Upper

83 100

131 10.5 4.8 14.4

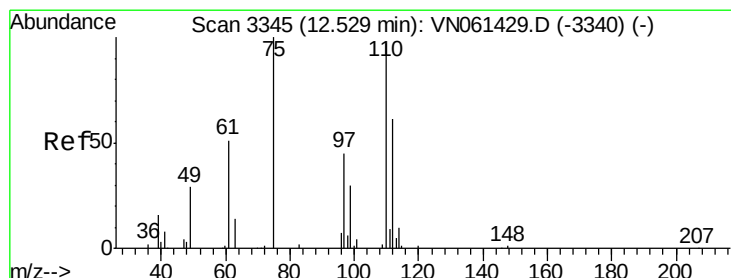
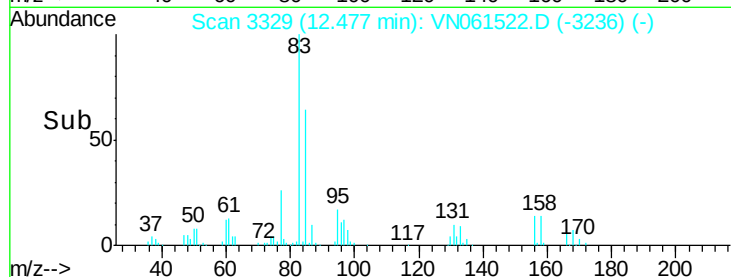
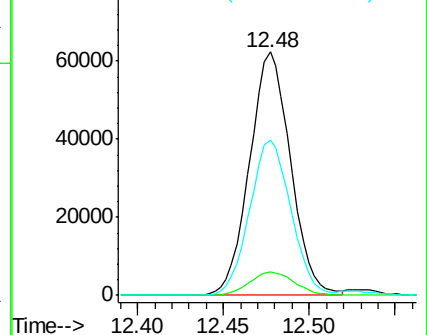
85 64.2 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN061522.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN061522.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN061522.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 17.472 ug/l m

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061522.D

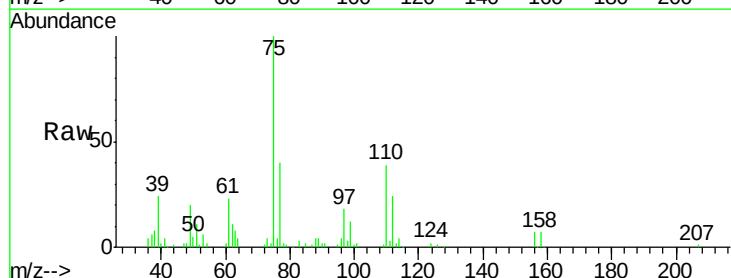
Acq: 21 May 2020 11:52

Tgt Ion: 75 Resp: 93595

Ion Ratio Lower Upper

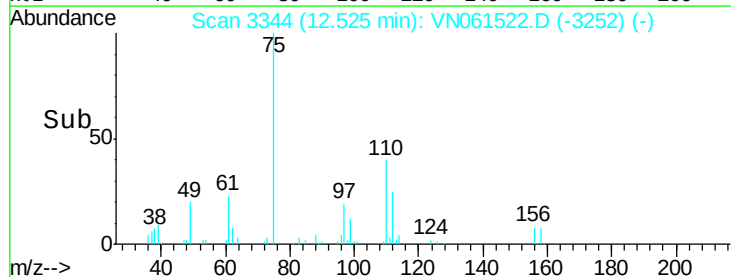
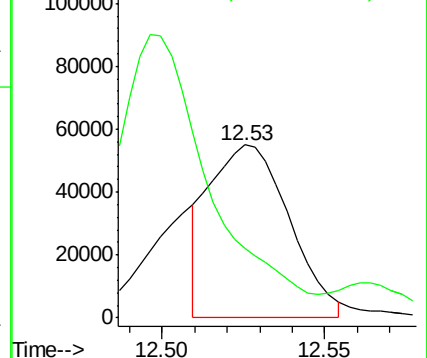
75 100

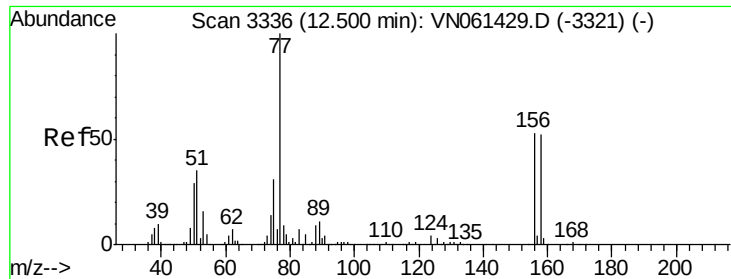
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061522.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061522.D (-3252) (-)





#77

Bromobenzene

Concen: 21.634 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0521WBS01

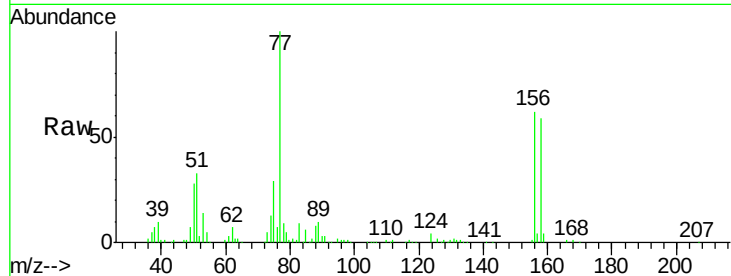
Tot Ion:156 Resp: 94102

Ion Ratio Lower Upper

156 100

77 195.2 112.3 336.9

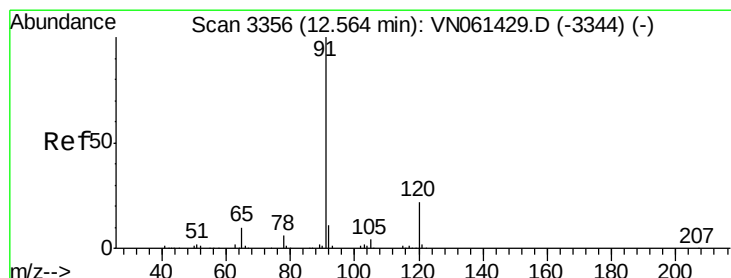
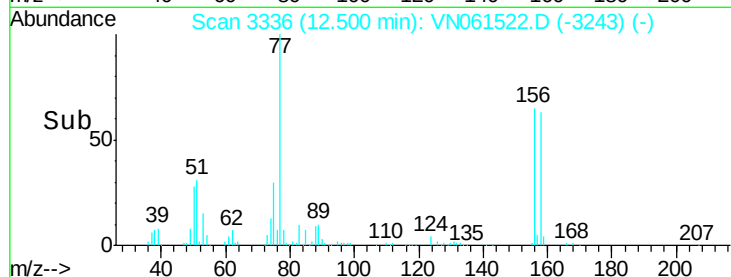
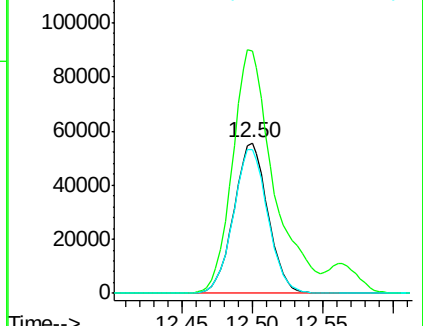
158 96.9 47.9 143.6



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: 19.303 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061522.D

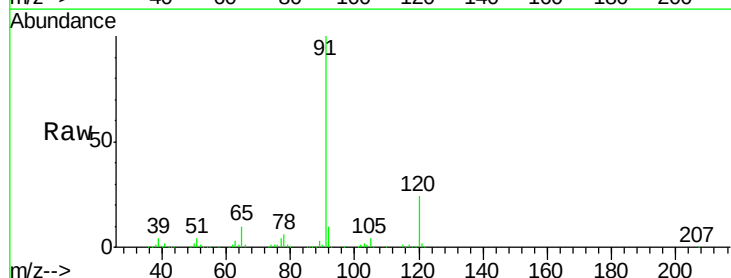
Acq: 21 May 2020 11:52

Tgt Ion: 91 Resp: 440801

Ion Ratio Lower Upper

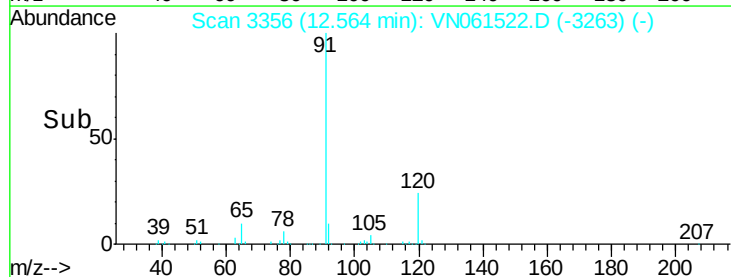
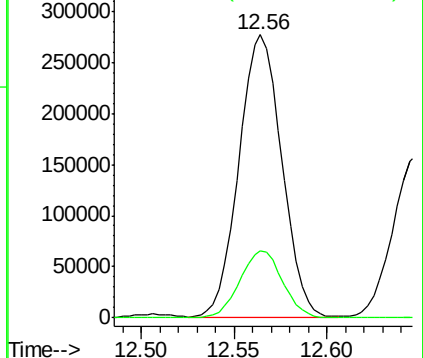
91 100

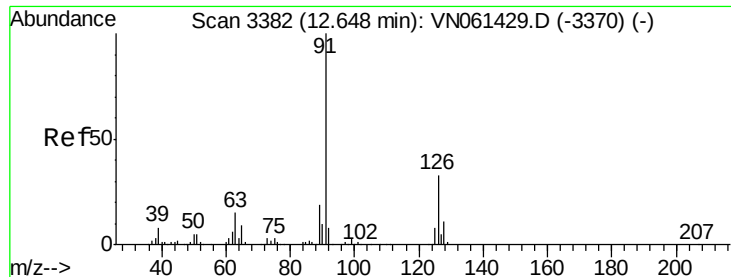
120 23.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

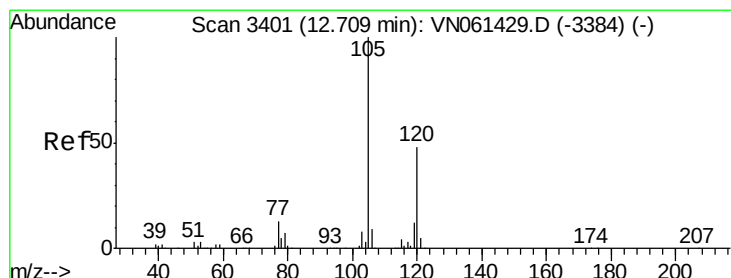
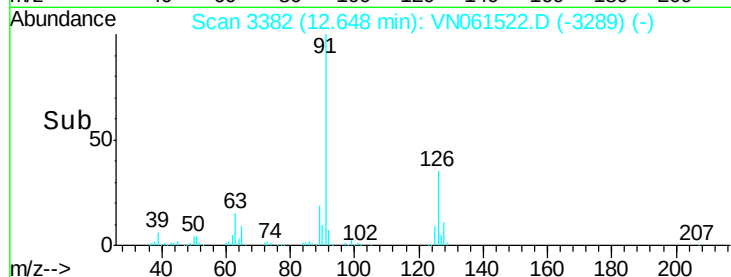
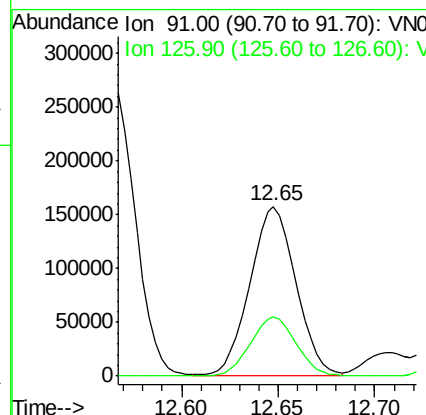
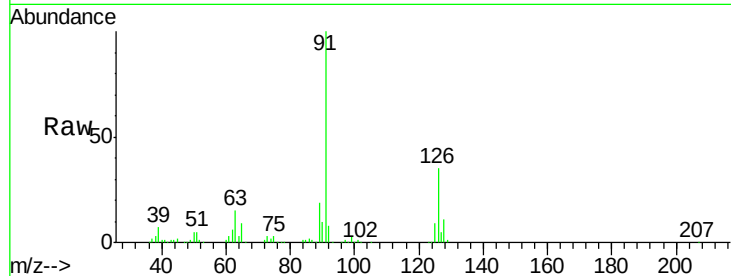




#79
 2-Chlorotoluene
 Concen: 19.215 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

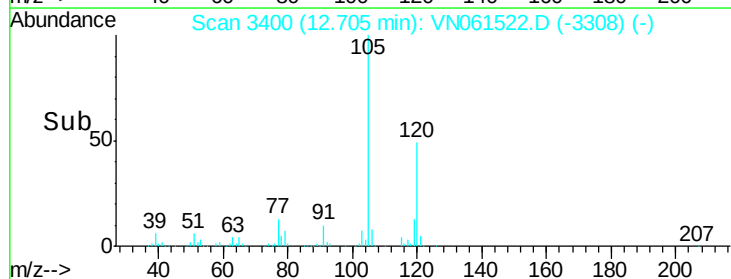
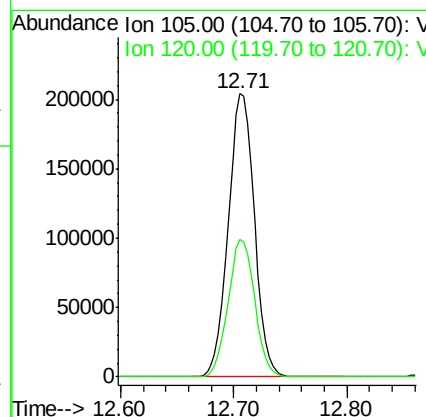
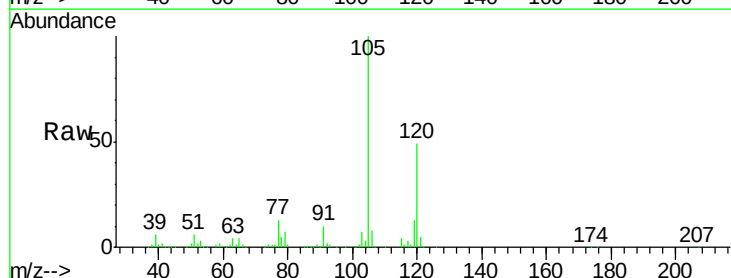
Instrument :
 MSVOA_N
 ClientSampled :
 VN0521WBS01

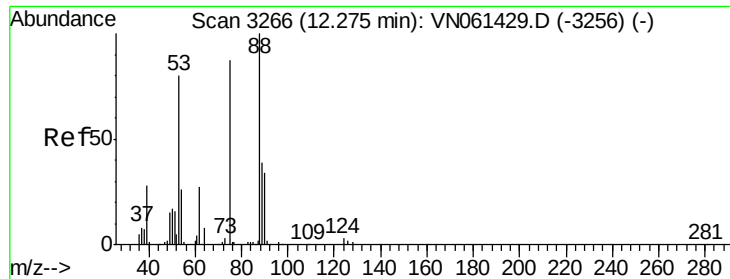
Tot Ion: 91 Resp: 259361
 Ion Ratio Lower Upper
 91 100
 126 35.1 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.908 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion: 105 Resp: 326698
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.314 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

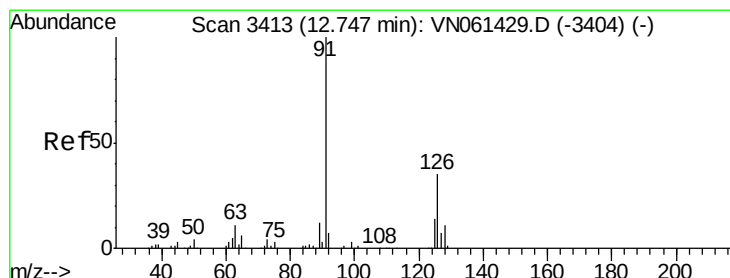
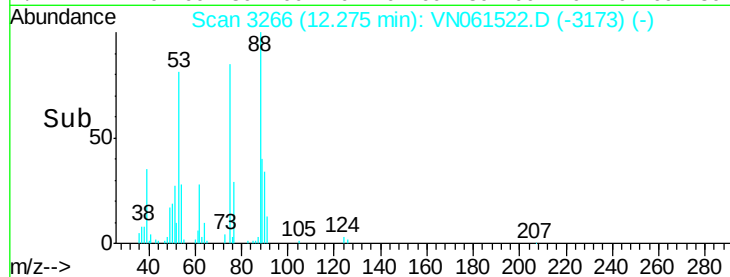
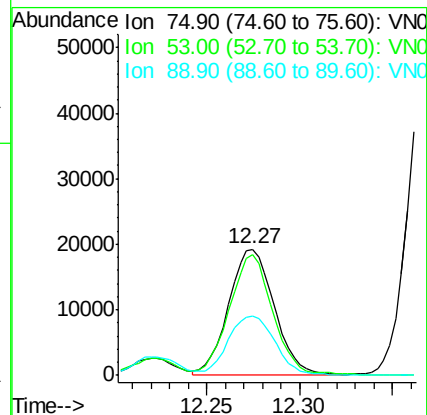
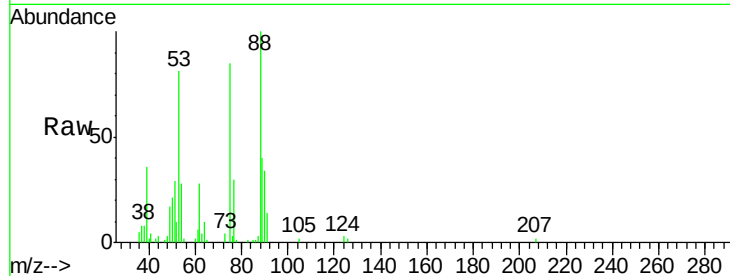
Tot Ion: 75 Resp: 32944

Ion Ratio Lower Upper

75 100

53 87.6 75.2 112.8

89 48.1 38.2 57.4



#82

4-Chlorotoluene

Concen: 19.351 ug/l

RT: 12.74 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VN061522.D

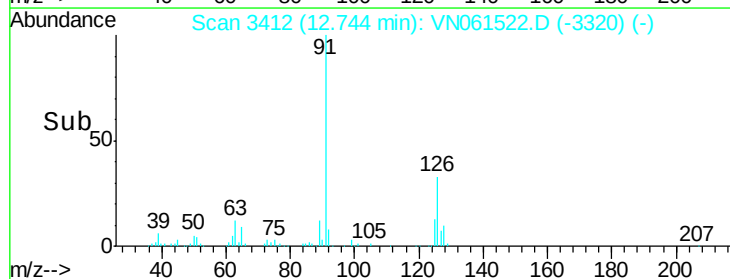
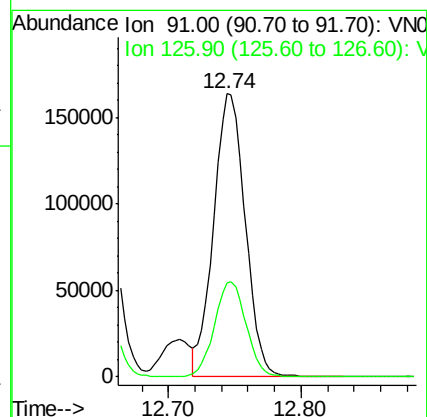
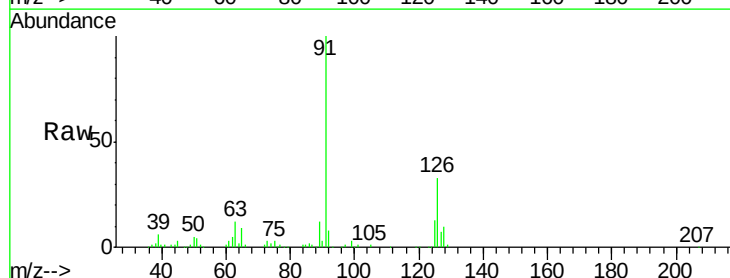
Acq: 21 May 2020 11:52

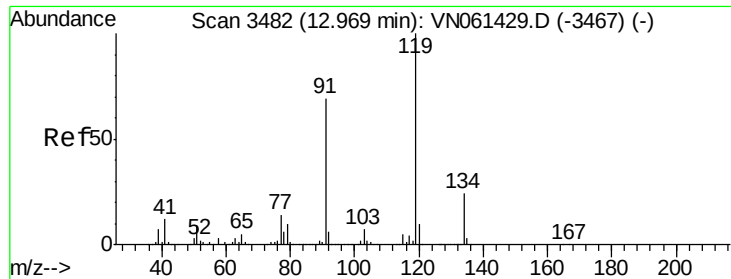
Tgt Ion: 91 Resp: 270460

Ion Ratio Lower Upper

91 100

126 33.9 16.1 48.2

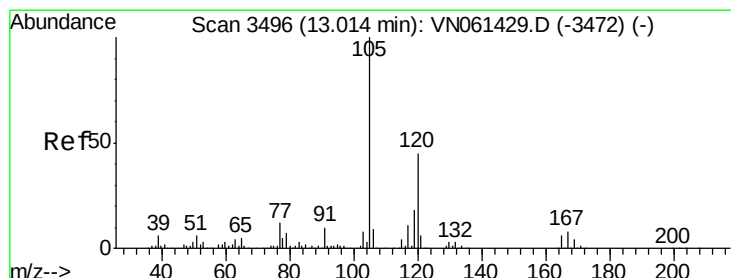
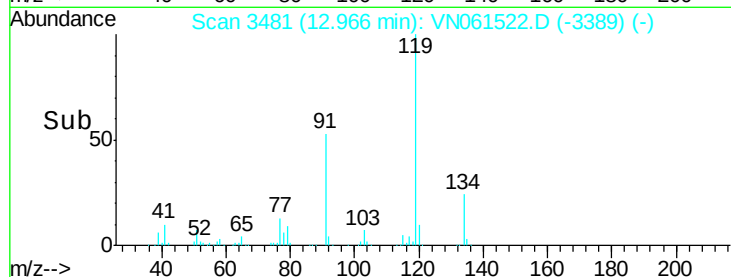
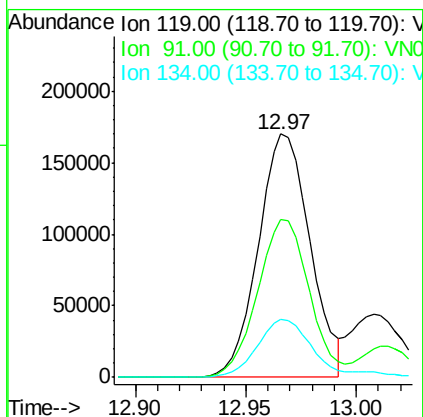
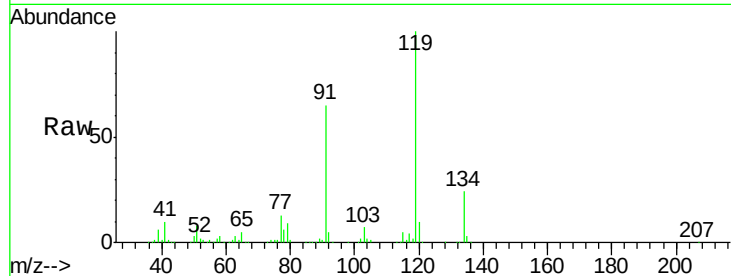




#83
 tert-Butylbenzene
 Concen: 19.649 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

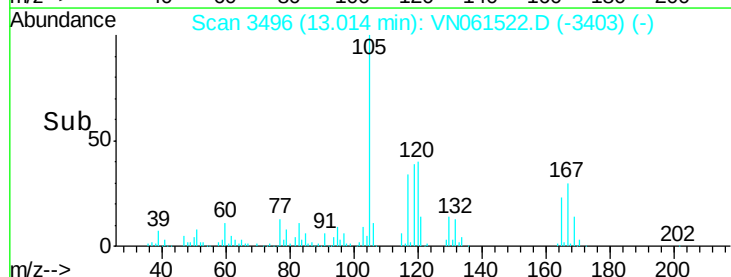
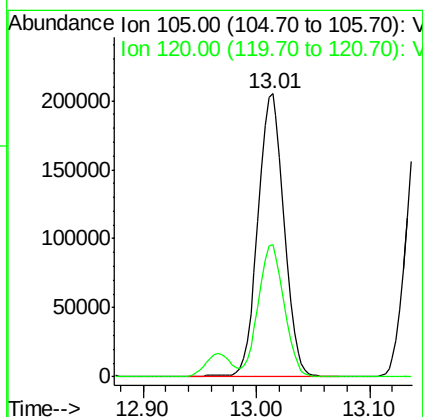
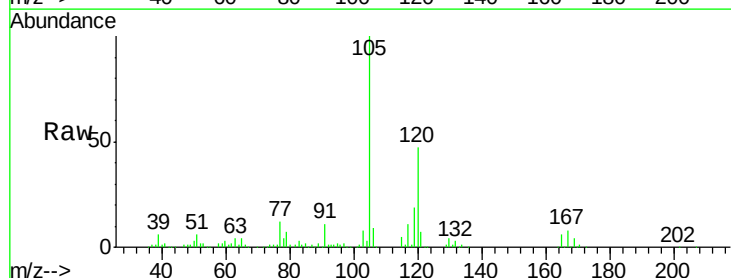
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

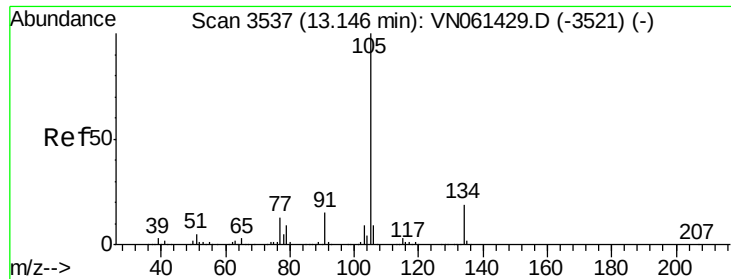
Tot Ion:119 Resp: 276206
 Ion Ratio Lower Upper
 119 100
 91 64.9 33.7 101.0
 134 26.2 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.100 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion:105 Resp: 330111
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.109 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

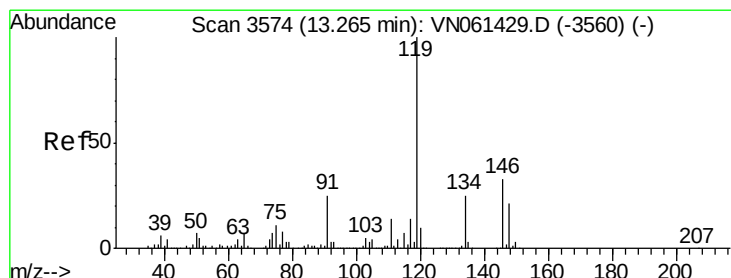
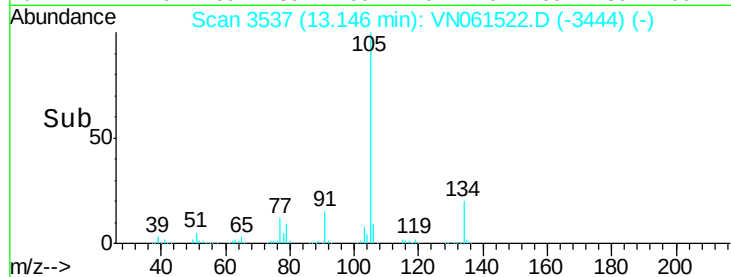
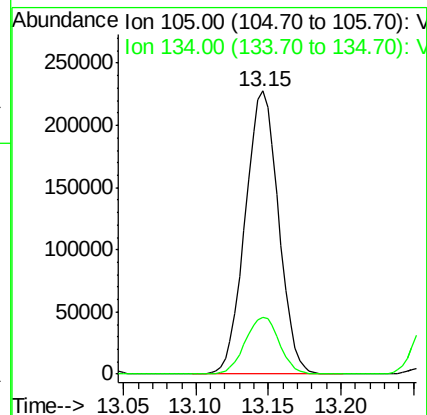
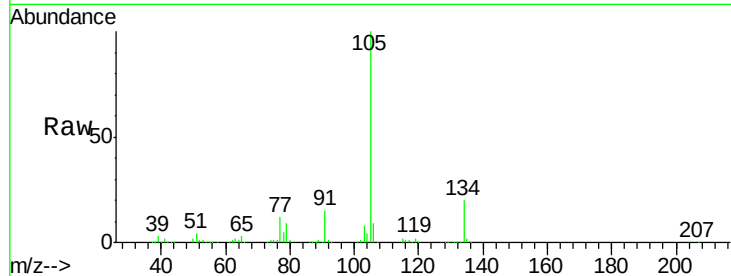
VN0521WBS01

Tot Ion:105 Resp: 363228

Ion Ratio Lower Upper

105 100

134 20.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.838 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

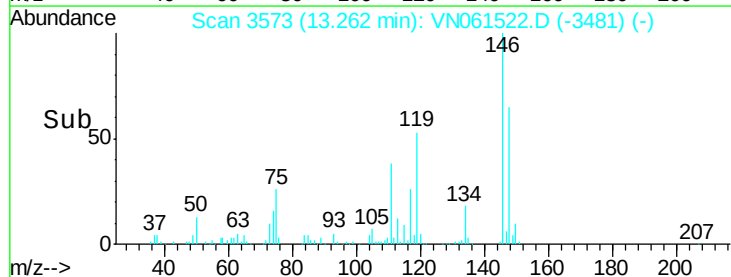
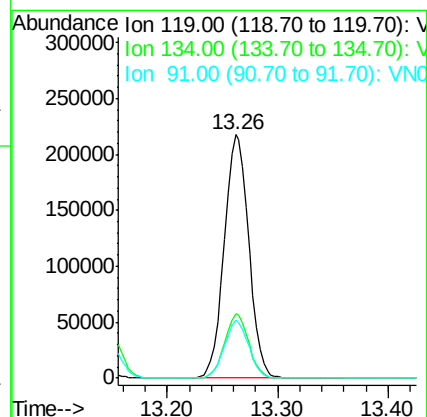
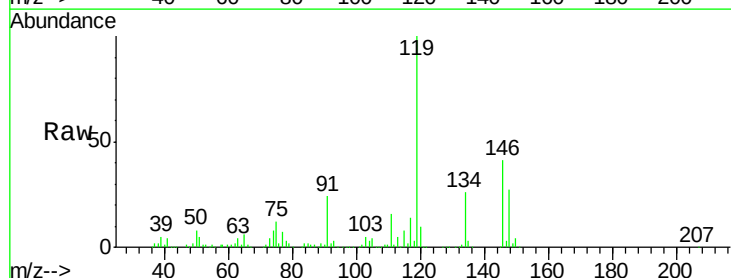
Tgt Ion:119 Resp: 334840

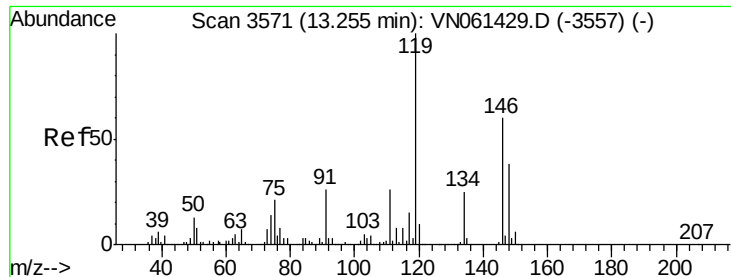
Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

91 23.3 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 20.928 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0521WBS01

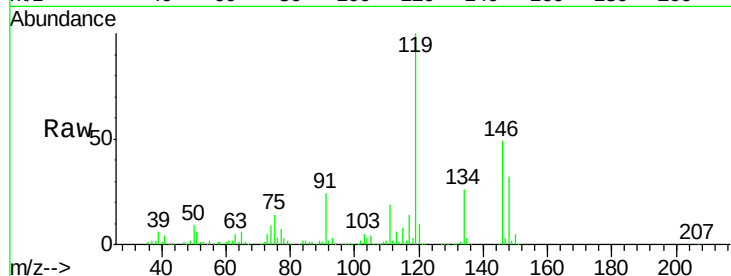
Tot Ion:146 Resp: 166596

Ion Ratio Lower Upper

146 100

111 40.6 21.5 64.5

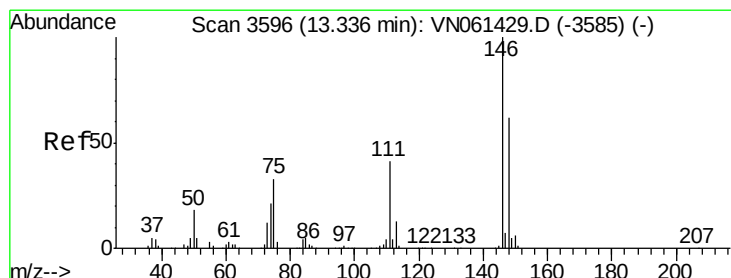
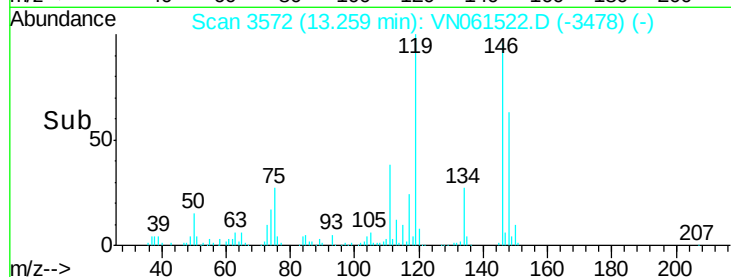
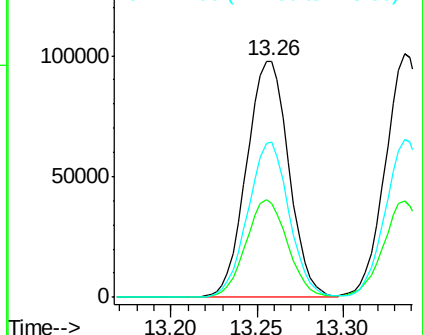
148 64.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.098 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061522.D

Acq: 21 May 2020 11:52

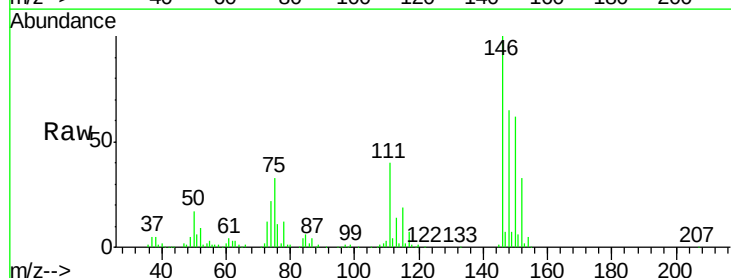
Tgt Ion:146 Resp: 168199

Ion Ratio Lower Upper

146 100

111 40.7 20.8 62.5

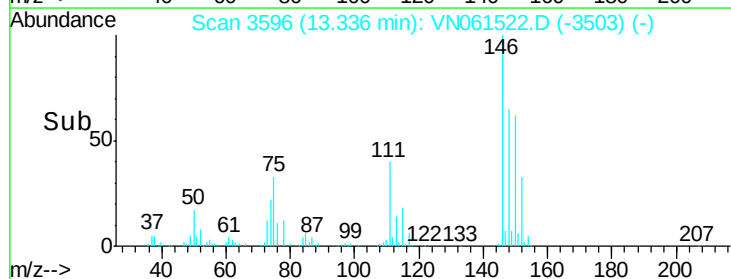
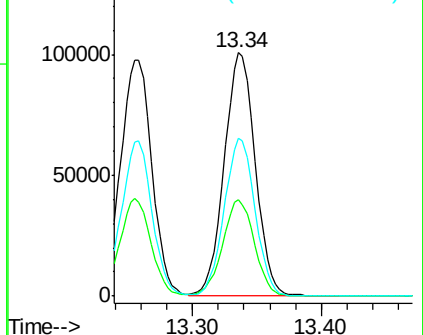
148 63.9 31.6 94.8

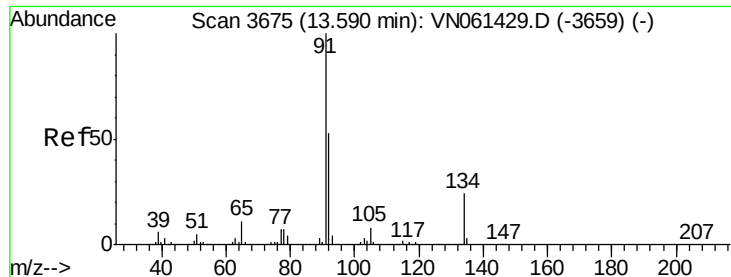


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

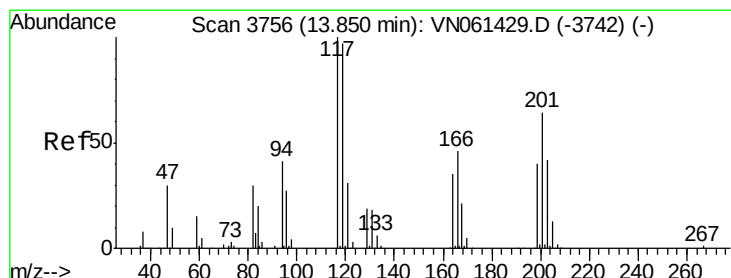
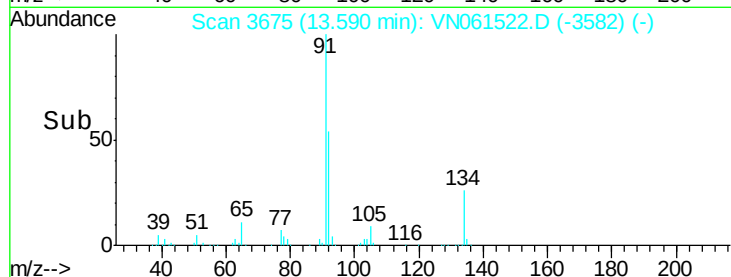
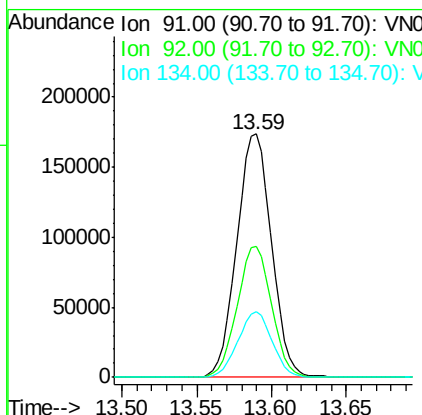
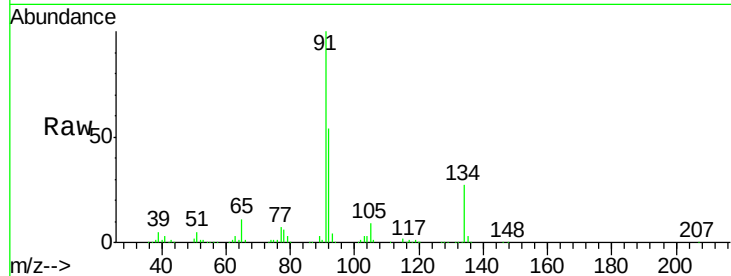




#89
n-Butylbenzene
Concen: 18.325 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

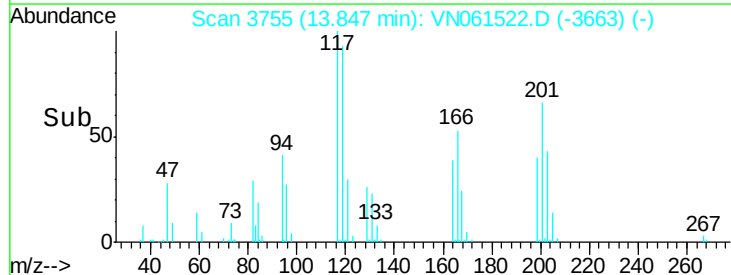
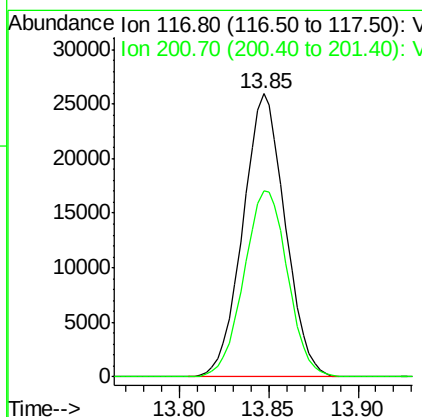
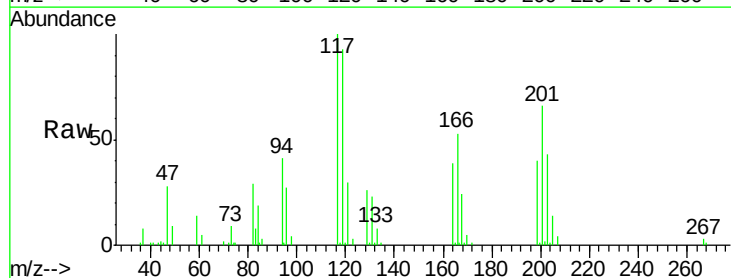
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

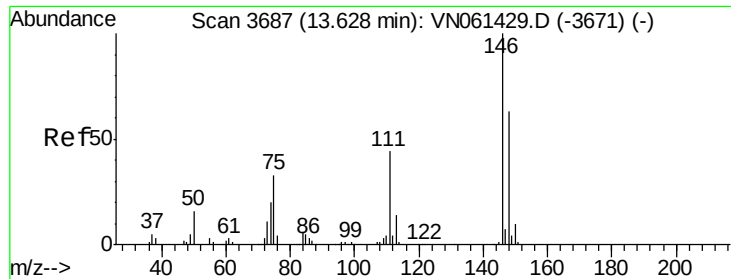
Tot Ion: 91 Resp: 280993
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 26.8 12.4 37.4



#90
Hexachloroethane
Concen: 18.796 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion: 117 Resp: 42995
Ion Ratio Lower Upper
117 100
201 67.8 32.9 98.7

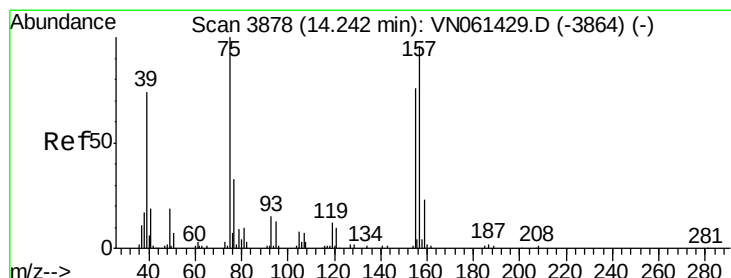
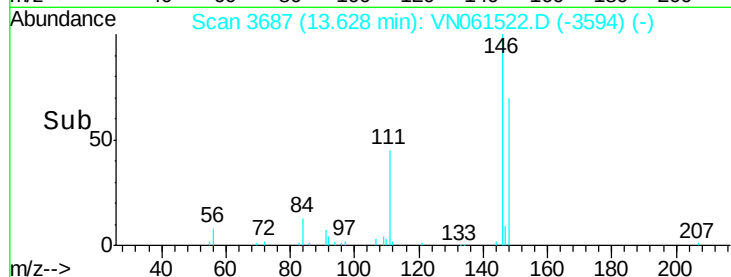
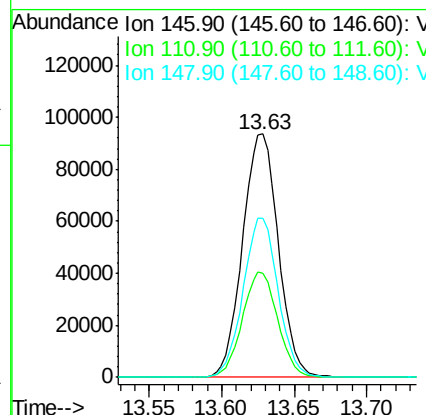
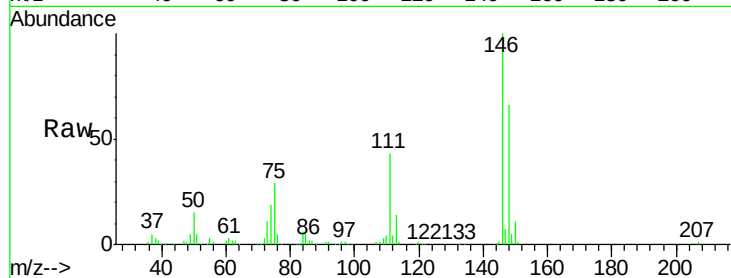




#91
 1,2-Dichlorobenzene
 Concen: 21.057 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

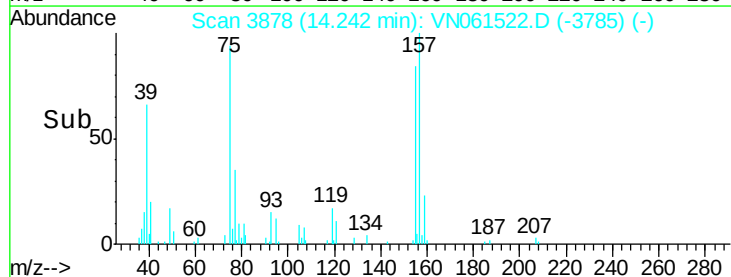
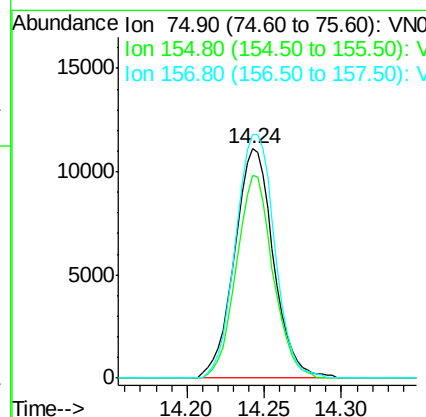
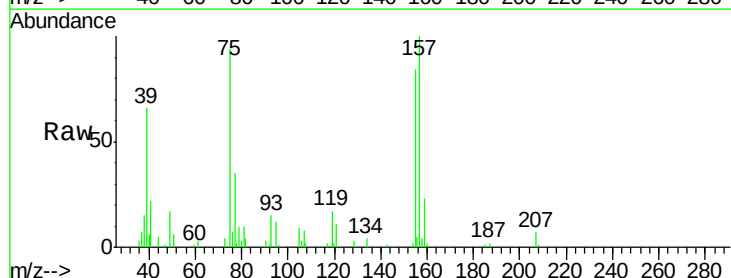
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

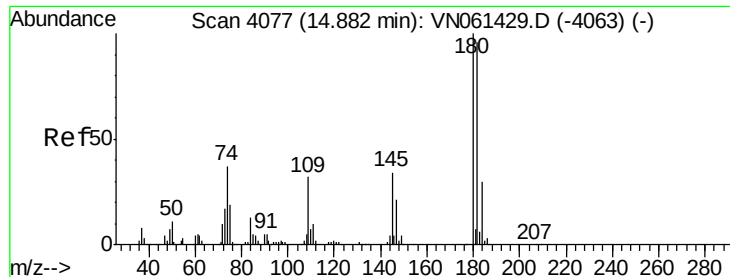
Tot Ion:146 Resp: 160787
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.9 65.7
 148 64.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.429 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion: 75 Resp: 19414
 Ion Ratio Lower Upper
 75 100
 155 82.9 38.9 116.7
 157 106.3 48.6 145.8

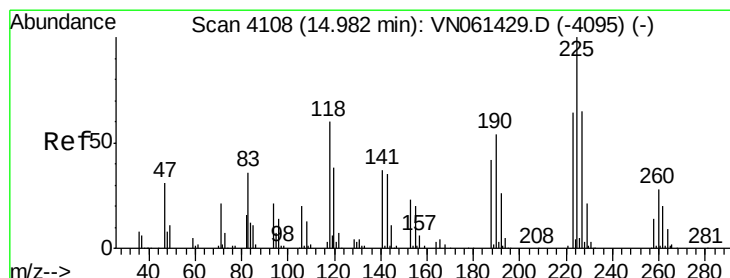
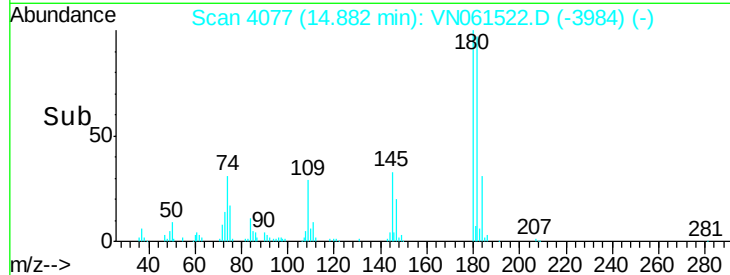
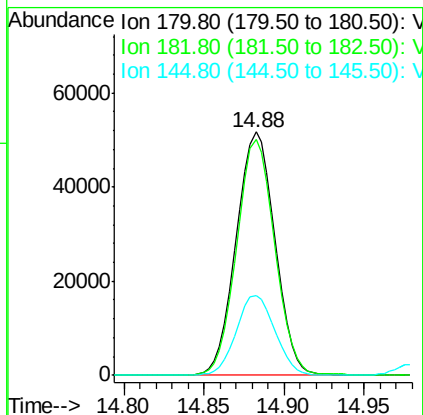
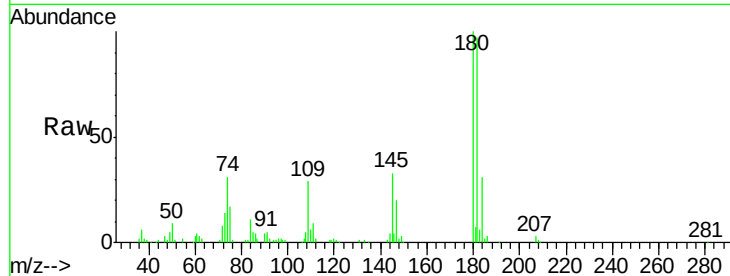




#93
 1,2,4-Trichlorobenzene
 Concen: 20.614 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

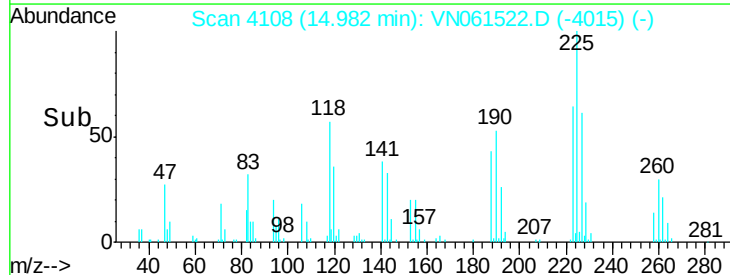
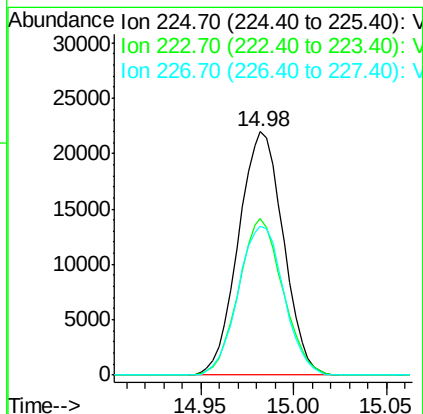
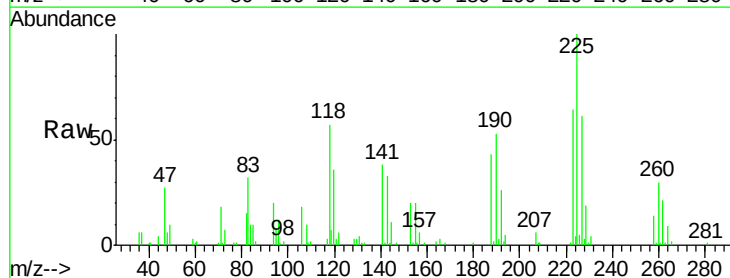
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

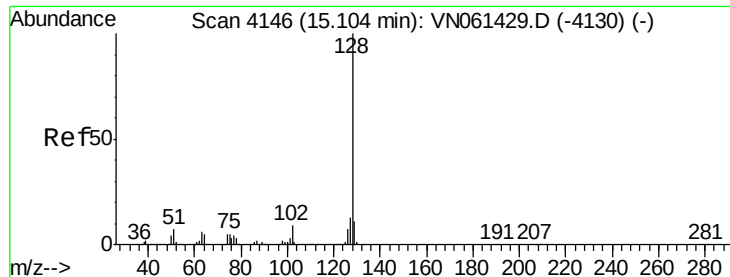
Tot Ion:180 Resp: 85349
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.0 141.0
 145 32.8 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 20.120 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061522.D
 Acq: 21 May 2020 11:52

Tgt Ion:225 Resp: 37013
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.9 95.7
 227 62.1 31.5 94.5

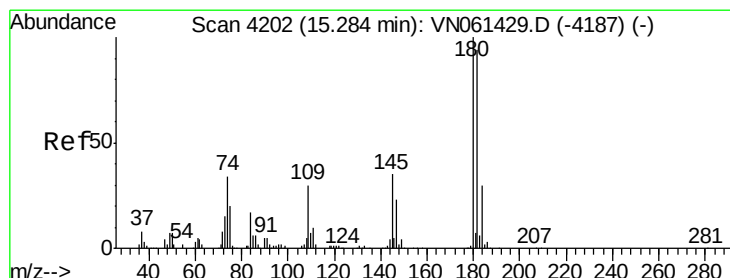
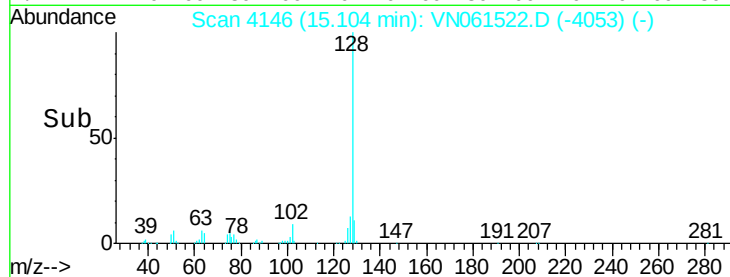
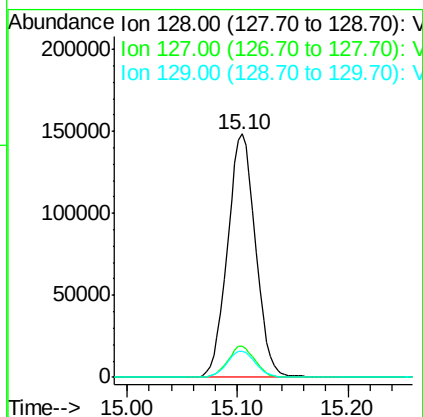
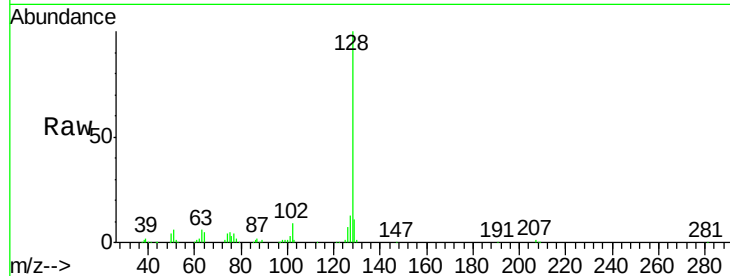




#95
Naphthalene
Concen: 19.888 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tot Ion:128 Resp: 261779
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.870 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061522.D
Acq: 21 May 2020 11:52

Tgt Ion:180 Resp: 86022
Ion Ratio Lower Upper
180 100
182 92.8 47.8 143.3
145 34.1 17.3 51.9

