

Data File : VN061201.D
Acq On : 30 Apr 2020 14:58
Operator : JC/MD
Sample : VN0430WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Quant Time: May 01 02:16:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	115850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	192395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	178789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85196	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86920	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.54	113	58052	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	242649	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.38	95	88124	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	23693	19.286	ug/l	100
3) Chloromethane	2.03	50	32548	21.876	ug/l	98
4) Vinyl Chloride	2.16	62	30188	17.864	ug/l	96
5) Bromomethane	2.54	94	12423	14.872	ug/l	99
6) Chloroethane	2.67	64	17173	16.033	ug/l	100
7) Trichlorofluoromethane	2.98	101	38144	20.006	ug/l	98
8) Diethyl Ether	3.37	74	16711	21.013	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.71	101	24464	19.917	ug/l	99
10) Methyl Iodide	3.91	142	29208	18.503	ug/l	98
11) Tert butyl alcohol	4.73	59	24426	99.471	ug/l	99
12) 1,1-Dichloroethene	3.69	96	22973	18.795	ug/l	98
13) Acrolein	3.56	56	11464	70.056	ug/l	100
14) Allyl chloride	4.27	41	52290	23.072	ug/l	91
15) Acrylonitrile	4.92	53	76207	101.097	ug/l	98
16) Acetone	3.77	43	66613	90.434	ug/l	96
17) Carbon Disulfide	4.01	76	62723	18.577	ug/l	99
18) Methyl Acetate	4.27	43	42157	18.650	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	84712	18.137	ug/l	97
20) Methylene Chloride	4.50	84	27574	19.291	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	25801	19.385	ug/l	95
22) Diisopropyl ether	5.90	45	105394	20.054	ug/l	98
23) Vinyl Acetate	5.84	43	410339	96.968	ug/l	99
24) 1,1-Dichloroethane	5.79	63	53151	19.356	ug/l	99
25) 2-Butanone	6.78	43	101806	93.856	ug/l	100
26) 2,2-Dichloropropane	6.77	77	44334	19.168	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	28857	18.475	ug/l	97
28) Bromochloromethane	7.14	49	28124	21.609	ug/l	93
29) Tetrahydrofuran	7.16	42	71020	97.197	ug/l	96
30) Chloroform	7.32	83	49756	17.880	ug/l	100
31) Cyclohexane	7.61	56	50328	18.873	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	41967	17.319	ug/l	99
36) 1,1-Dichloropropene	7.75	75	37544	19.494	ug/l	100
37) Ethyl Acetate	6.88	43	44375	19.653	ug/l	99
38) Carbon Tetrachloride	7.73	117	30175	18.673	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	41260	19.103	ug/l	97
40) Benzene	8.00	78	113882	19.847	ug/l	99
41) Methacrylonitrile	7.12	41	21611	23.053	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	41542	19.111	ug/l	100
43) Isopropyl Acetate	8.12	43	70995	18.946	ug/l #	92
44) Trichloroethene	8.80	130	28175	18.164	ug/l	97
45) 1,2-Dichloropropane	9.08	63	31377	20.469	ug/l	99
46) Dibromomethane	9.17	93	18212	19.188	ug/l	97
47) Bromodichloromethane	9.37	83	38500	18.898	ug/l	100
48) Methyl methacrylate	9.17	41	31935	18.886	ug/l	98
49) 1,4-Dioxane	9.17	88	8621	449.148	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	215071	97.509	ug/l	100
52) Toluene	10.12	92	67065	19.405	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	43855	19.104	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	47747	19.674	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	25901	18.789	ug/l	99
56) Ethyl methacrylate	10.40	69	40104	18.511	ug/l	97
57) 1,3-Dichloropropane	10.68	76	47705	19.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	117157	104.993	ug/l	98
59) 2-Hexanone	10.72	43	153189	95.465	ug/l	100
60) Dibromochloromethane	10.87	129	26501	18.355	ug/l	99
61) 1,2-Dibromoethane	10.98	107	25516	18.467	ug/l	100
64) Tetrachloroethene	10.60	164	28288	18.268	ug/l	97
65) Chlorobenzene	11.41	112	67768	19.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	24666	19.432	ug/l	98
67) Ethyl Benzene	11.48	91	126982	19.126	ug/l	100
68) m/p-Xylenes	11.60	106	91941	37.834	ug/l	96
69) o-Xylene	11.92	106	43551	18.657	ug/l	97
70) Styrene	11.94	104	73189	18.733	ug/l	99
71) Bromoform	12.10	173	17594	18.859	ug/l #	99
73) Isopropylbenzene	12.22	105	119834	19.133	ug/l	99
74) N-amyl acetate	12.04	43	58642	18.490	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	38163	19.541	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	51746	28.809	ug/l #	100
77) Bromobenzene	12.50	156	27825	19.245	ug/l	97
78) n-propylbenzene	12.57	91	144500	19.451	ug/l	100
79) 2-Chlorotoluene	12.65	91	85587	19.601	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	100895	19.464	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	13433	18.992	ug/l	98
82) 4-Chlorotoluene	12.75	91	90587	19.684	ug/l	98
83) tert-Butylbenzene	12.97	119	82199	18.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	100793	18.873	ug/l	100
85) sec-Butylbenzene	13.15	105	113024	18.966	ug/l	99
86) p-Isopropyltoluene	13.26	119	100881	18.789	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	51256	19.257	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	49906	18.351	ug/l	97
89) n-Butylbenzene	13.59	91	93449	18.985	ug/l	98
90) Hexachloroethane	13.85	117	9986	22.737	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	48391	18.961	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7666	18.586	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN043020\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29104	18.727	ug/l	99
94) Hexachlorobutadiene	14.99	225	13678	21.068	ug/l	100
95) Naphthalene	15.10	128	85933	16.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28708	18.710	ug/l	99

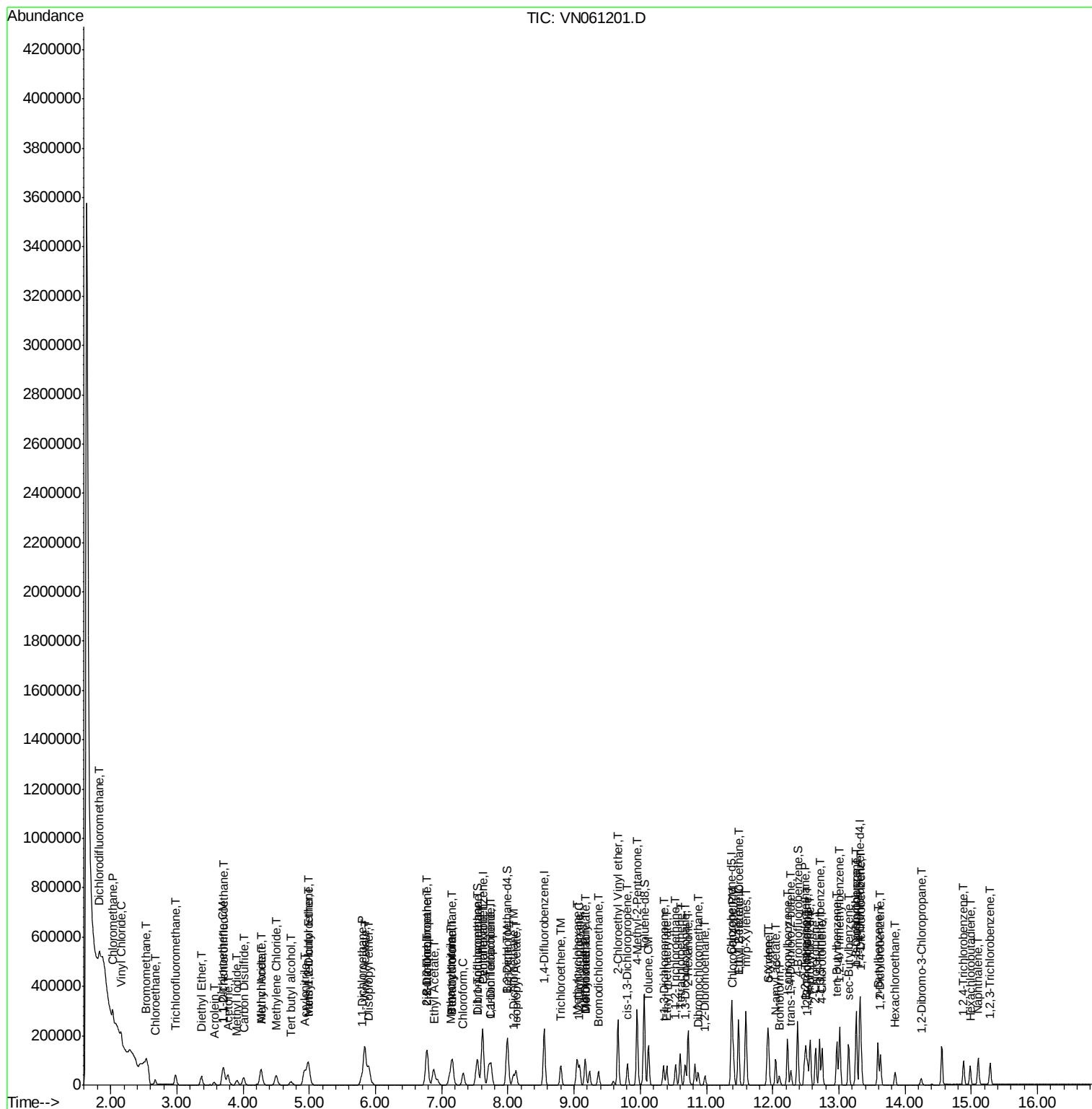
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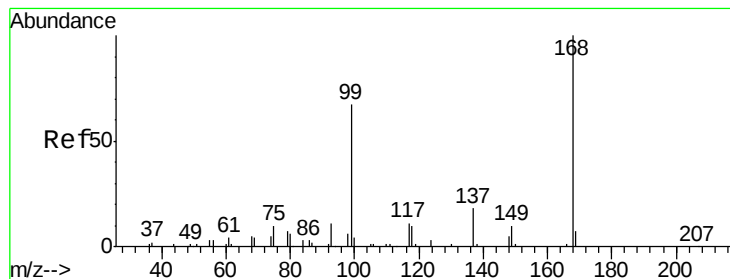
Data File : VN061201.D

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Acq On       : 30 Apr 2020   14:58
Operator    : JC/MD
Sample      : VN0430WS01
Misc       : 5.00mL/MSVOA_N/WATER
ALS Vial    : 4      Sample Multiplier: 1
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Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: May 01 02:16:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

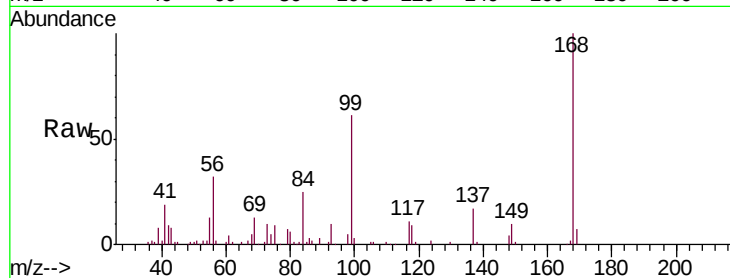
VN0430WBS01

Tgt Ion:168 Resp: 115850

Ion Ratio Lower Upper

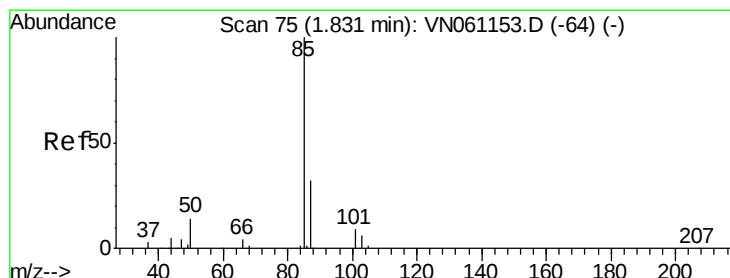
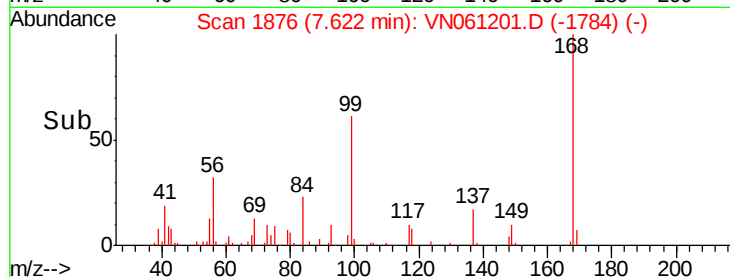
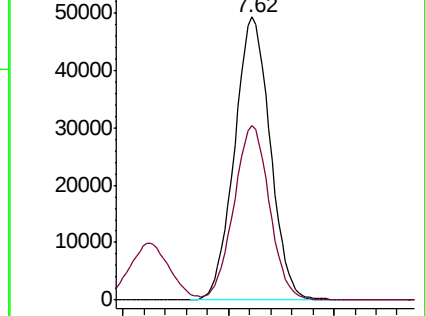
168 100

99 61.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.286 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061201.D

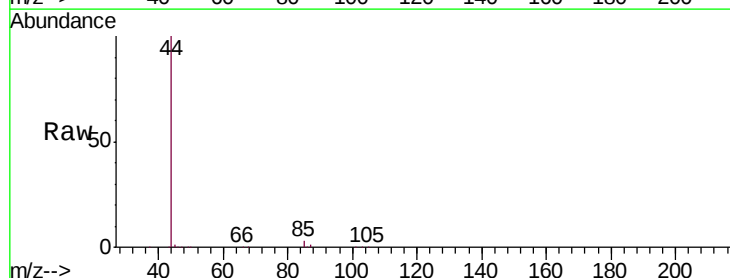
Acq: 30 Apr 2020 14:58

Tgt Ion: 85 Resp: 23693

Ion Ratio Lower Upper

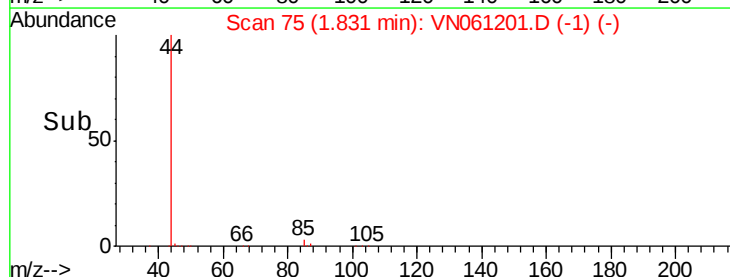
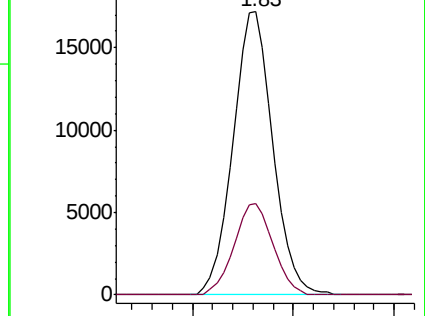
85 100

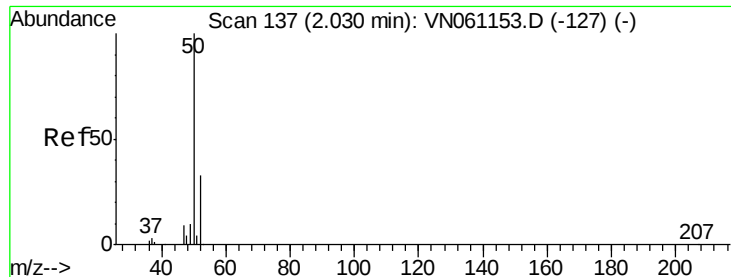
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 21.876 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

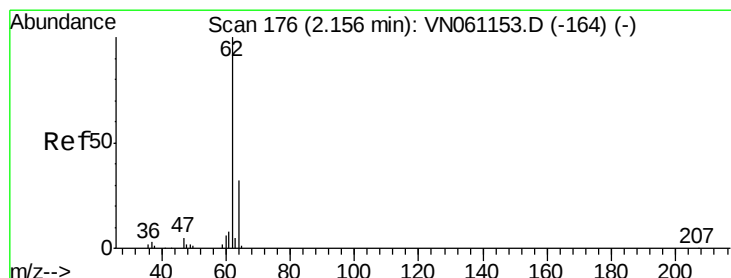
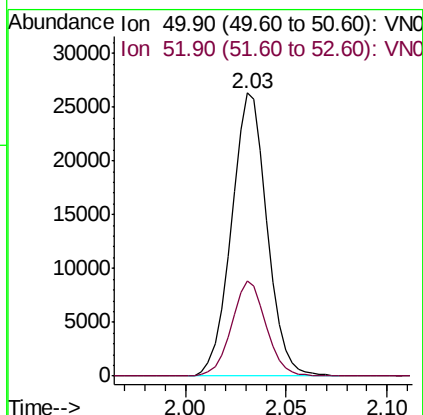
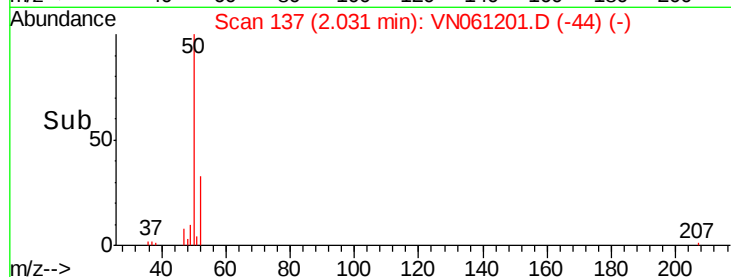
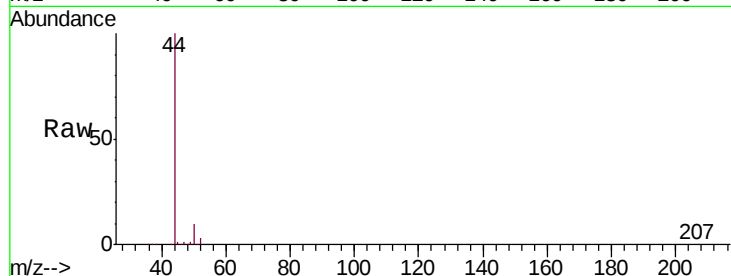
VN0430WBS01

Tgt Ion: 50 Resp: 32548

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0



#4

Vinyl Chloride

Concen: 17.864 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061201.D

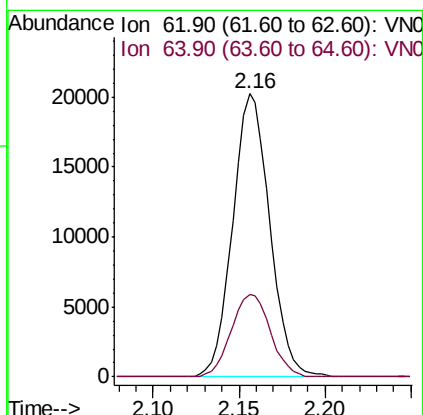
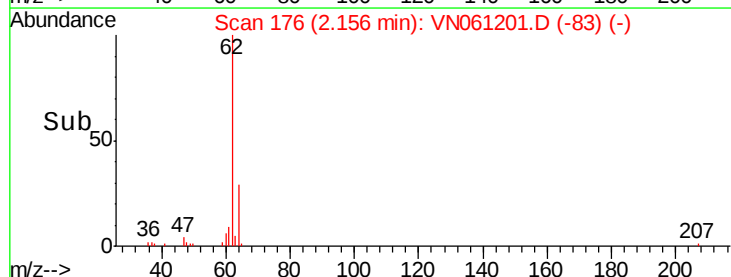
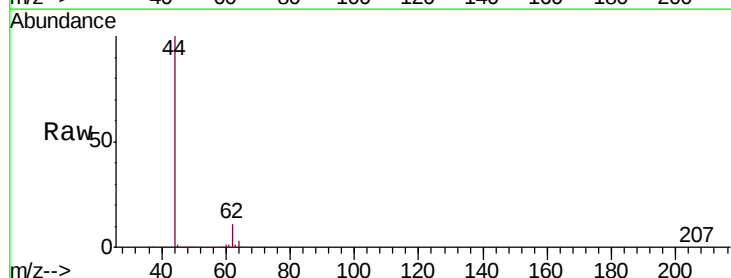
Acq: 30 Apr 2020 14:58

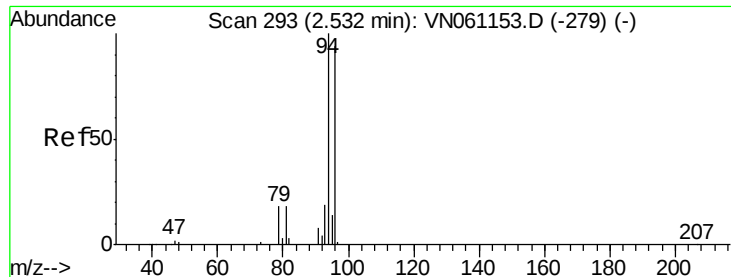
Tgt Ion: 62 Resp: 30188

Ion Ratio Lower Upper

62 100

64 29.1 25.2 37.8





#5

Bromomethane

Concen: 14.872 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

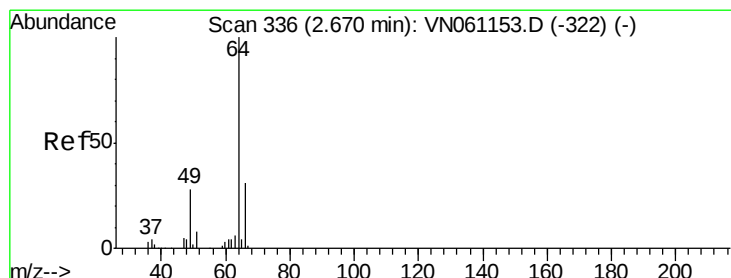
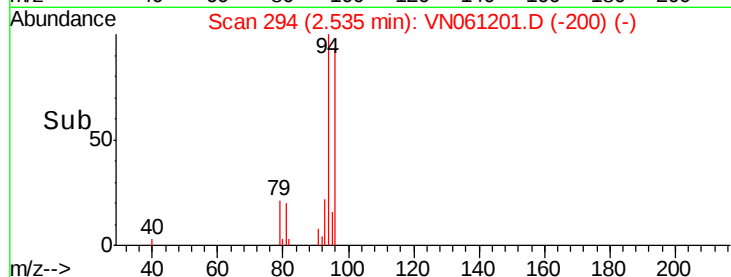
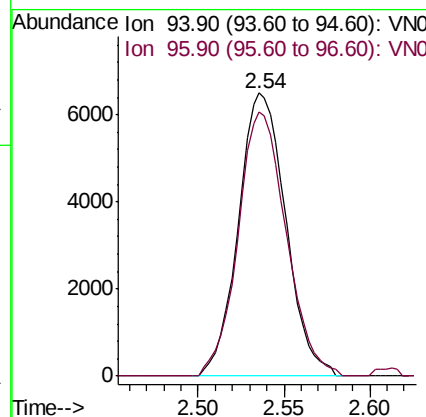
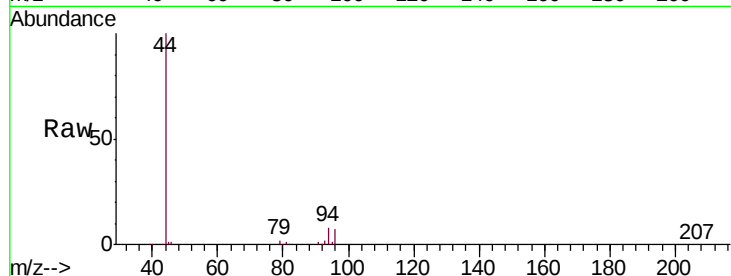
VN0430WBS01

Tgt Ion: 94 Resp: 12423

Ion Ratio Lower Upper

94 100

96 93.2 75.1 112.7



#6

Chloroethane

Concen: 16.033 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061201.D

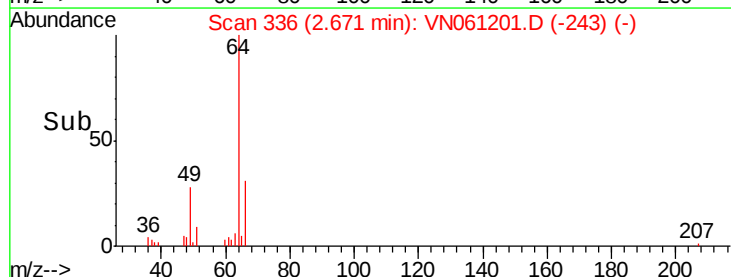
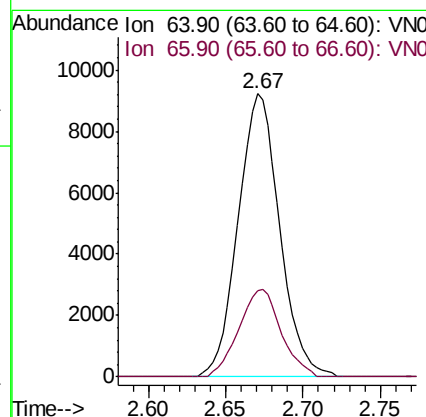
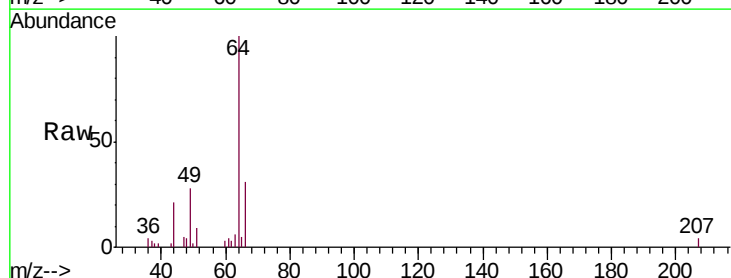
Acq: 30 Apr 2020 14:58

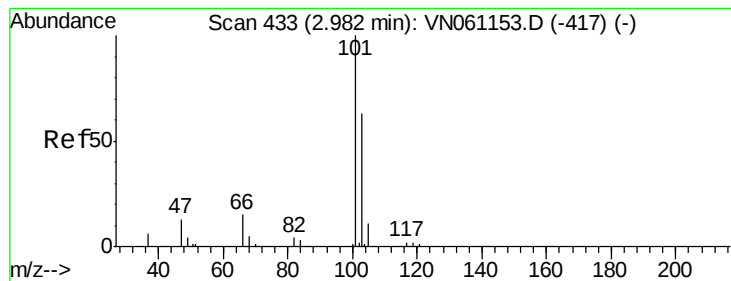
Tgt Ion: 64 Resp: 17173

Ion Ratio Lower Upper

64 100

66 30.7 24.6 36.8



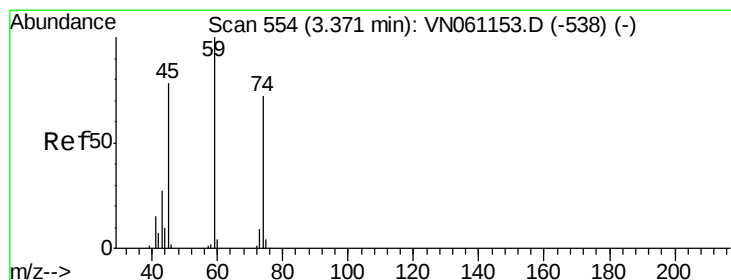
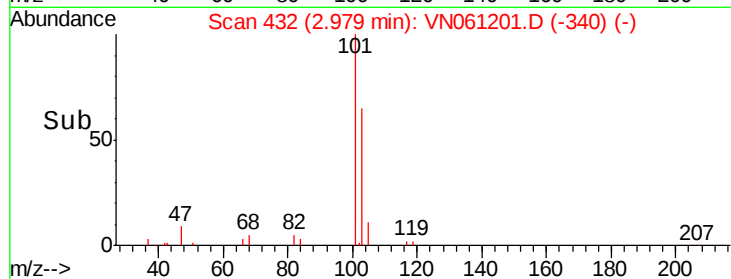
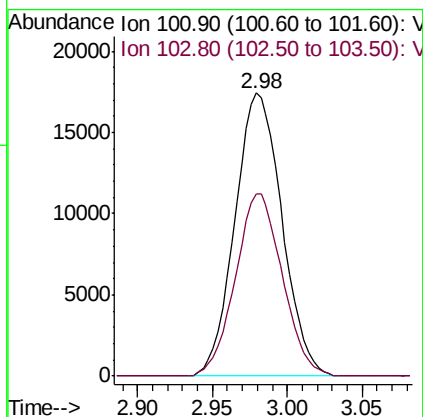
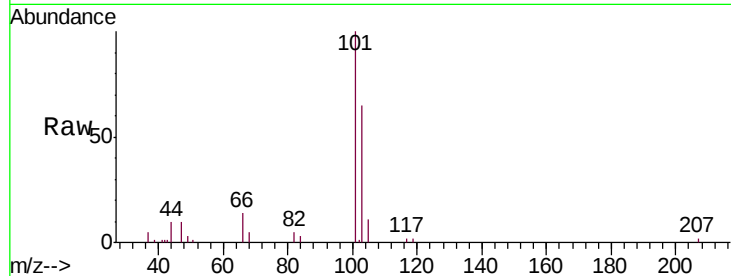


#7

Trichlorofluoromethane
 Concen: 20.006 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
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 VN0430WBS01

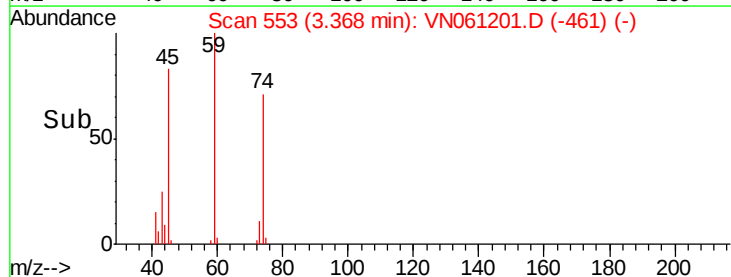
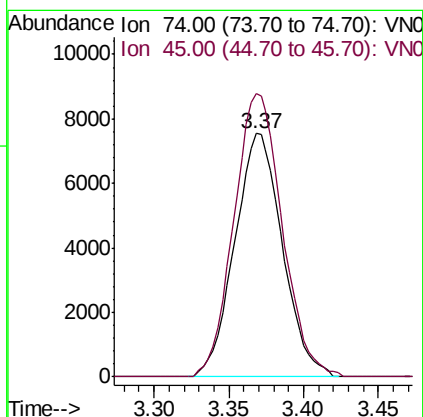
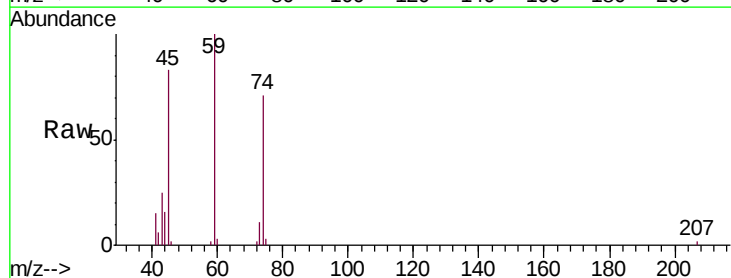
Tgt Ion:101 Resp: 38144
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0



#8

Diethyl Ether
 Concen: 21.013 ug/l
 RT: 3.37 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion: 74 Resp: 16711
 Ion Ratio Lower Upper
 74 100
 45 118.1 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.917 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

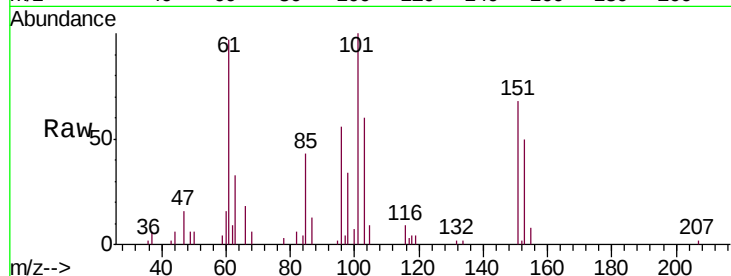
Tgt Ion:101 Resp: 24464

Ion Ratio Lower Upper

101 100

85 45.1 37.2 55.8

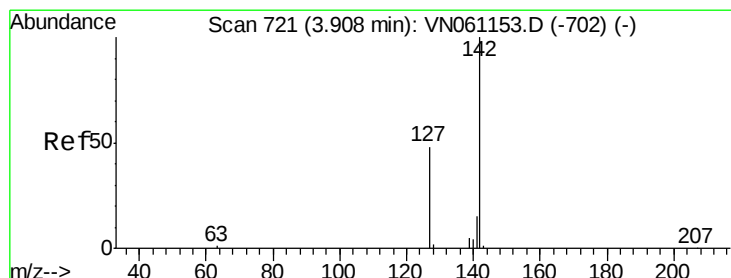
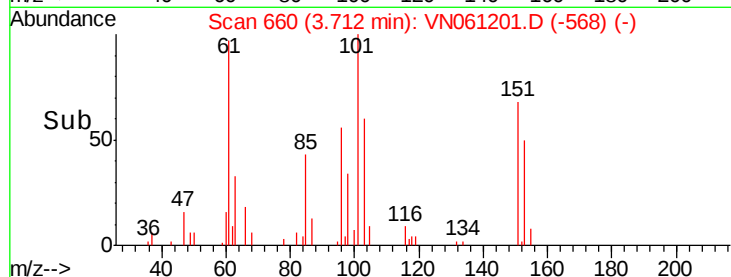
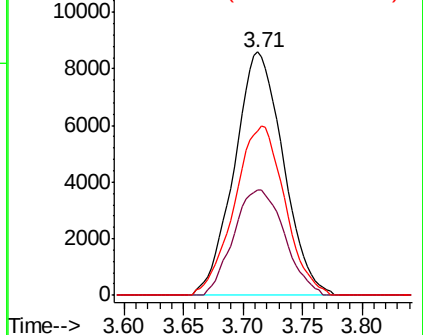
151 71.6 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.503 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

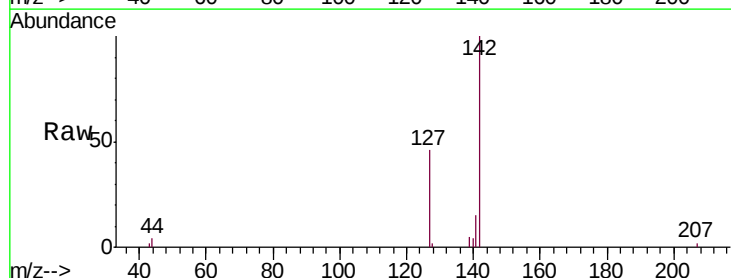
Tgt Ion:142 Resp: 29208

Ion Ratio Lower Upper

142 100

127 45.9 38.0 57.0

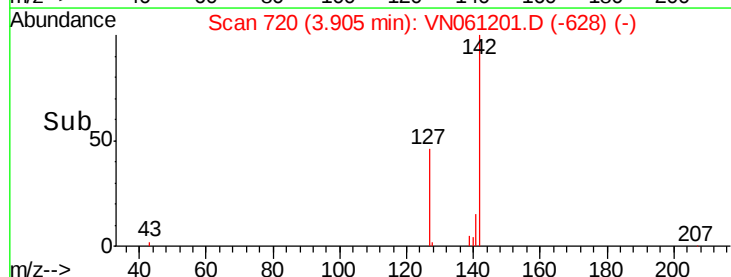
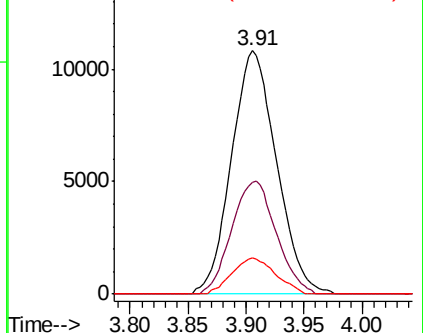
141 14.3 11.7 17.5

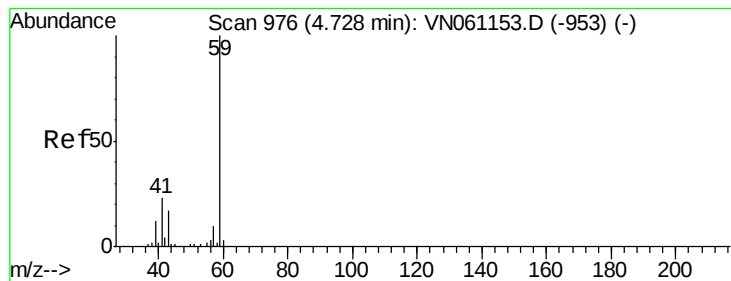


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



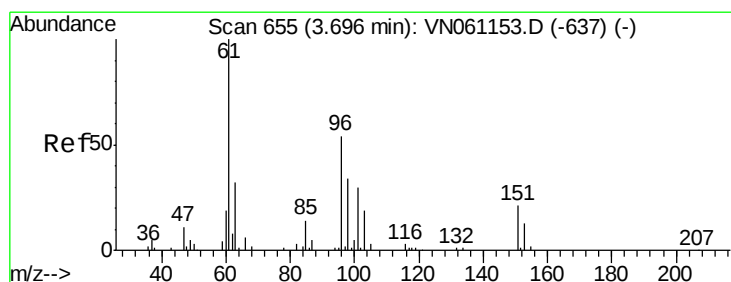
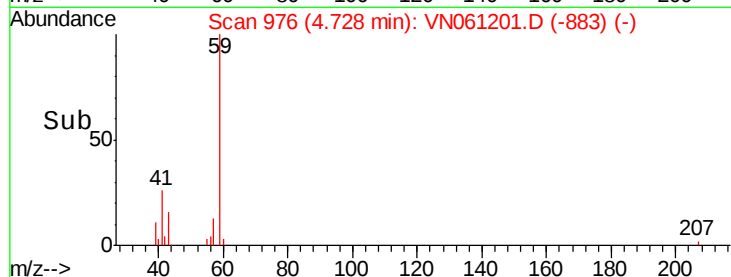
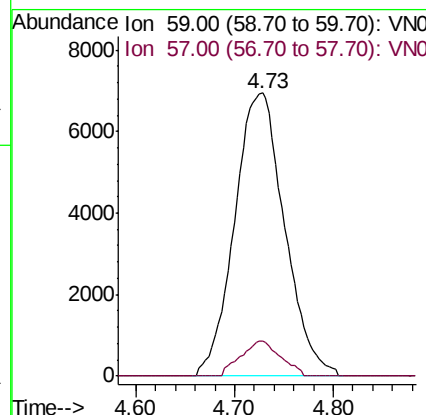
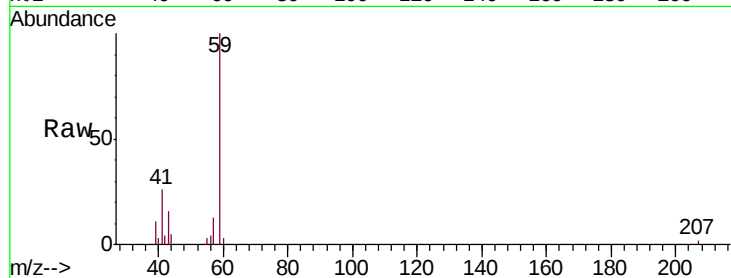


#11

Tert butyl alcohol
Concen: 99.471 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

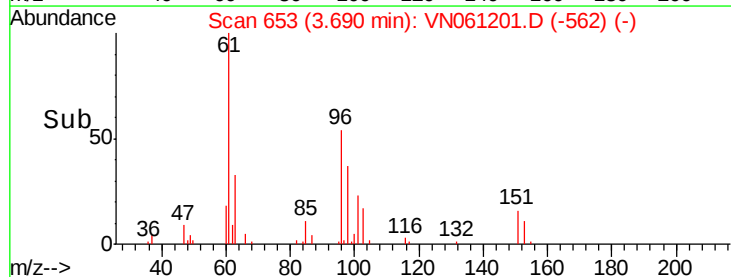
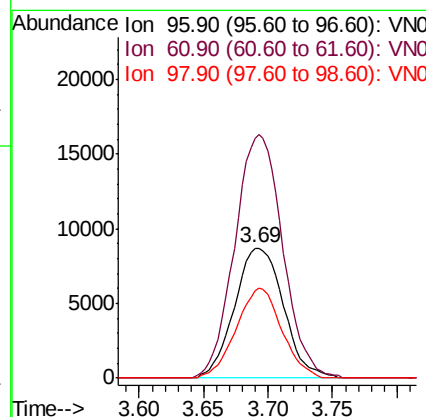
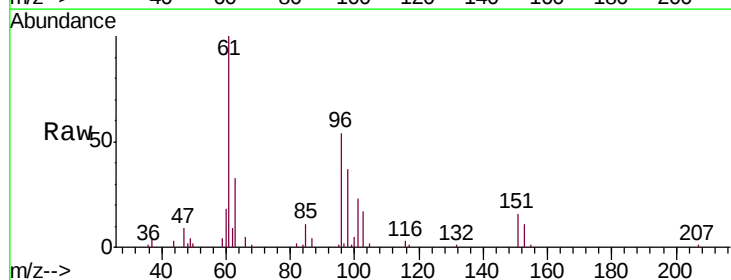
Tgt Ion: 59 Resp: 24426
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

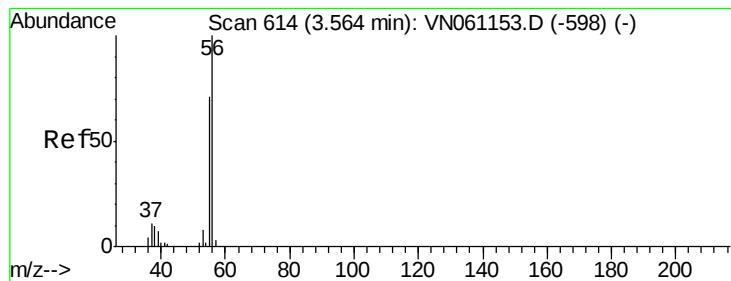


#12

1,1-Dichloroethene
Concen: 18.795 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 96 Resp: 22973
Ion Ratio Lower Upper
96 100
61 184.1 147.0 220.6
98 67.5 49.8 74.6





#13

Acrolein

Concen: 70.056 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

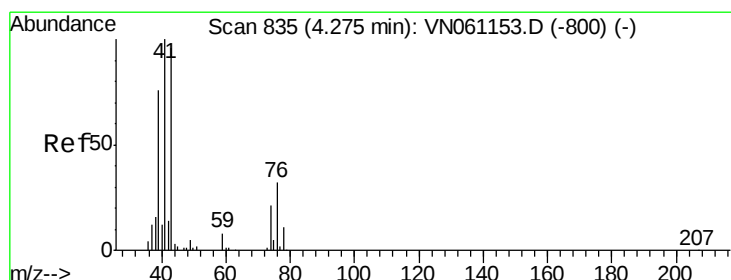
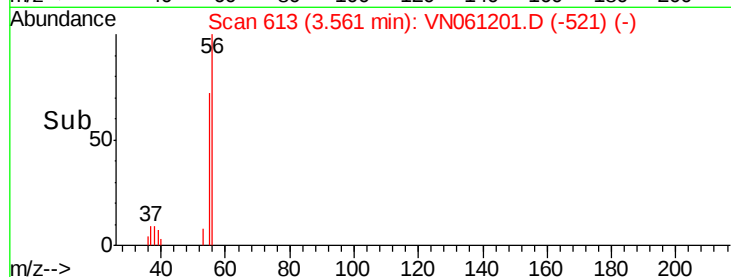
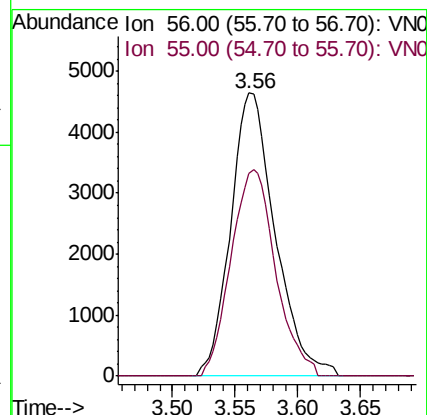
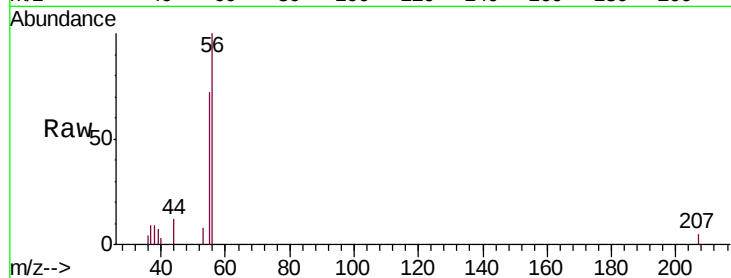
VN0430WBS01

Tgt Ion: 56 Resp: 11464

Ion Ratio Lower Upper

56 100

55 73.0 58.5 87.7



#14

Allyl chloride

Concen: 23.072 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

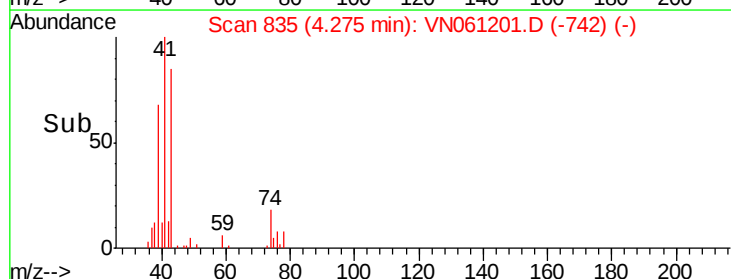
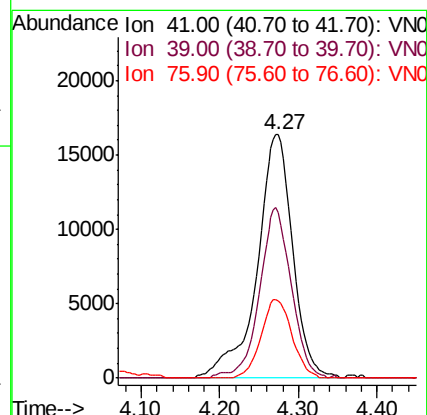
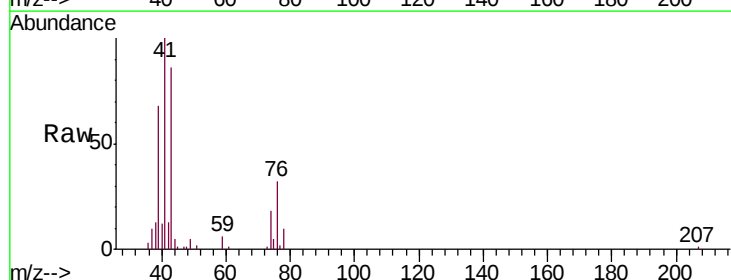
Tgt Ion: 41 Resp: 52290

Ion Ratio Lower Upper

41 100

39 62.4 57.1 85.7

76 28.2 24.3 36.5





#15

Acrylonitrile

Concen: 101.097 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

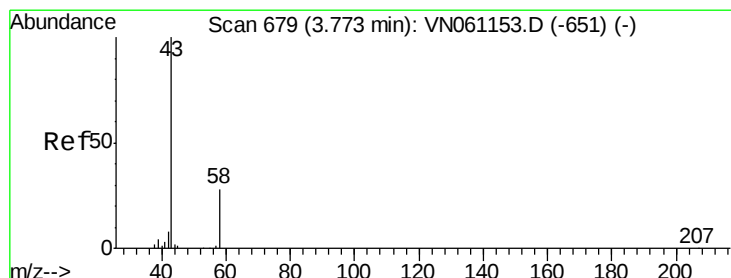
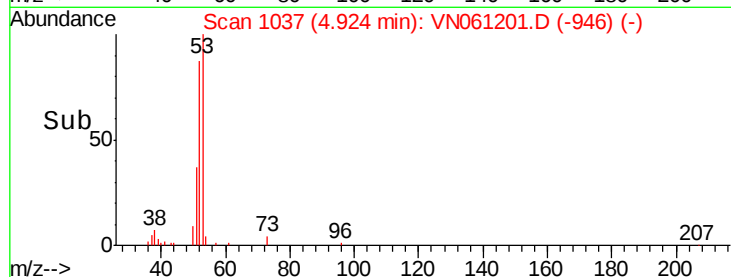
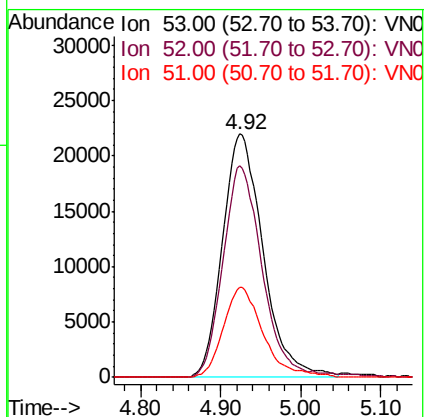
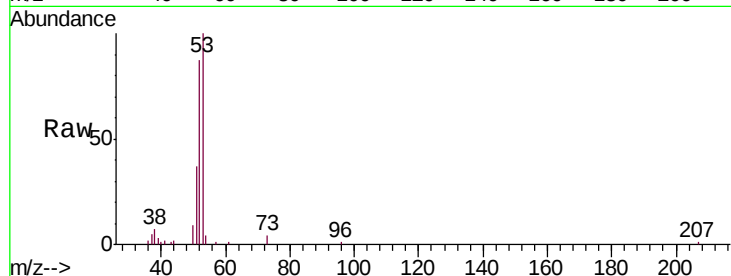
Tgt Ion: 53 Resp: 76207

Ion Ratio Lower Upper

53 100

52 83.9 65.4 98.0

51 36.2 29.5 44.3



#16

Acetone

Concen: 90.434 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061201.D

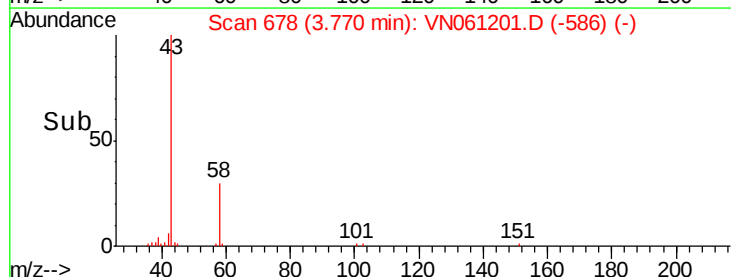
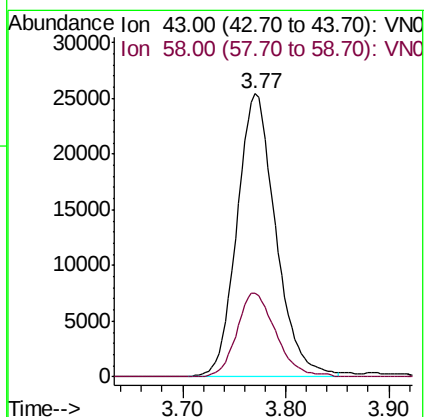
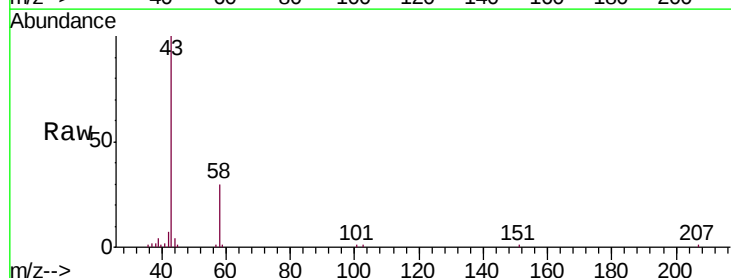
Acq: 30 Apr 2020 14:58

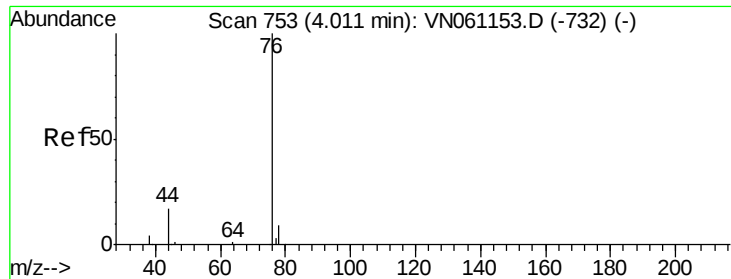
Tgt Ion: 43 Resp: 66613

Ion Ratio Lower Upper

43 100

58 29.6 22.2 33.2

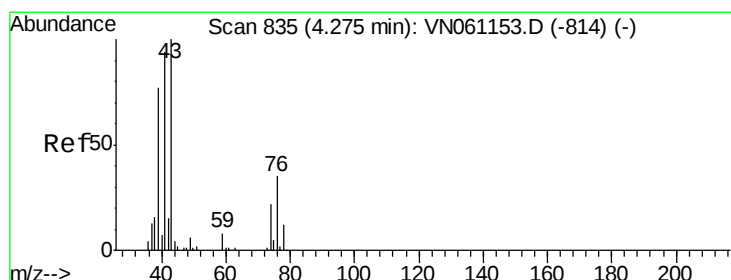
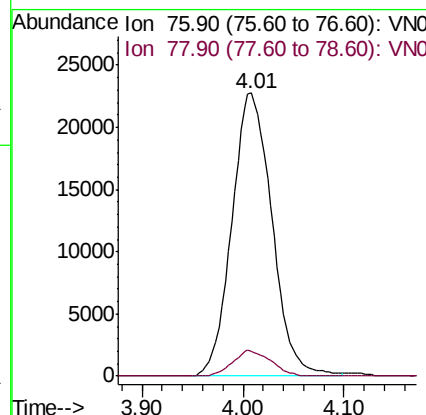
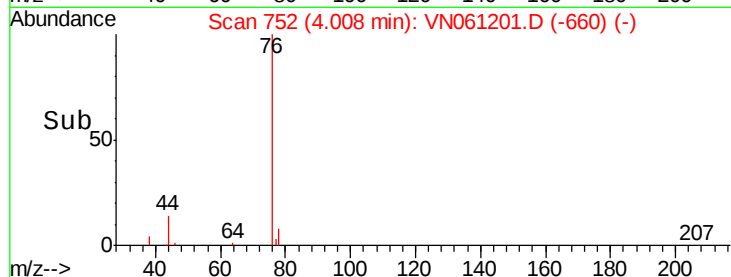
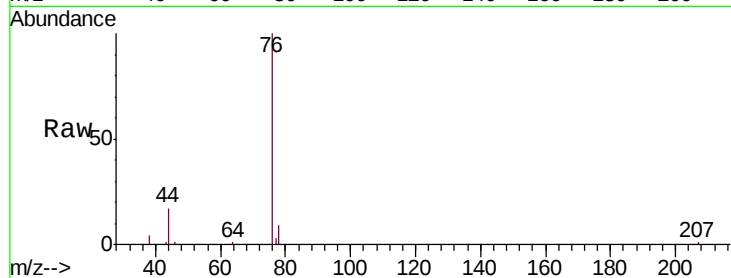




#17
Carbon Disulfide
Concen: 18.577 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

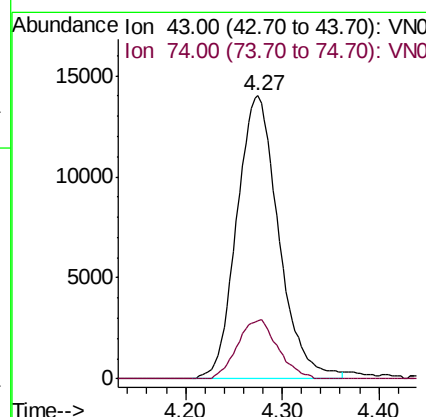
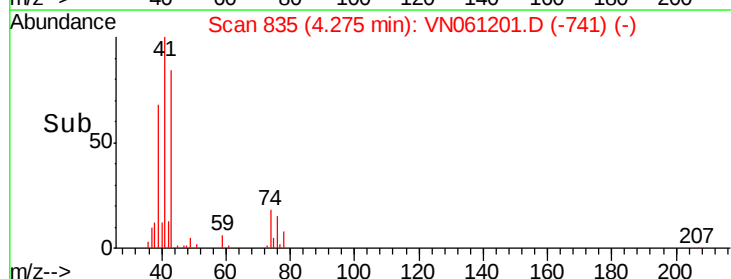
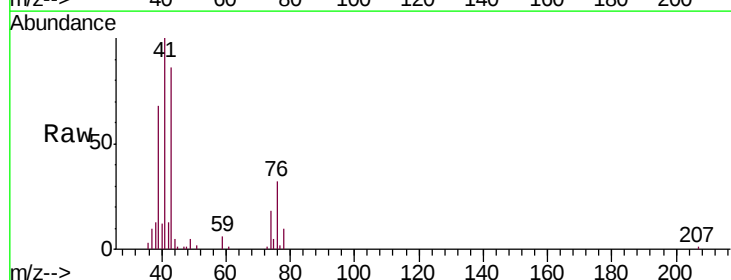
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

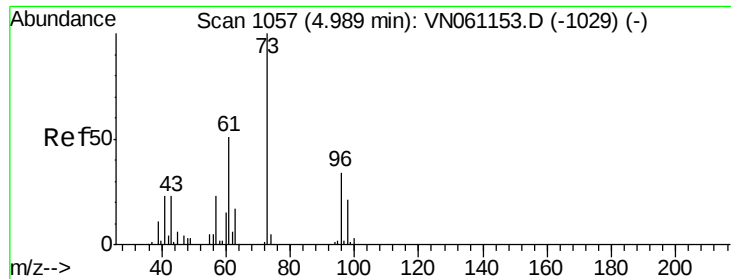
Tgt Ion: 76 Resp: 62723
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 18.650 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 43 Resp: 42157
Ion Ratio Lower Upper
43 100
74 20.2 17.0 25.4

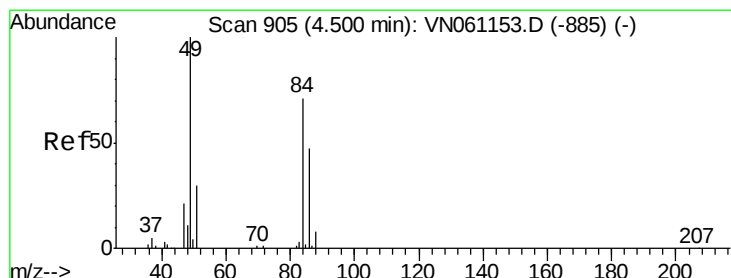
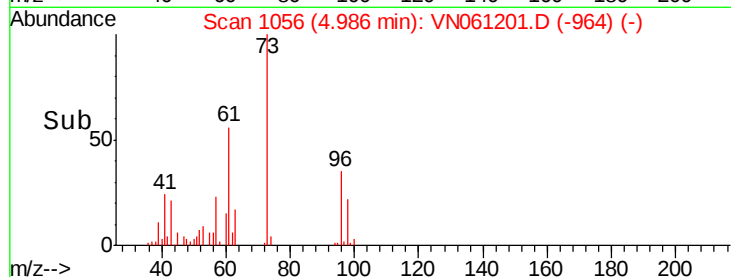
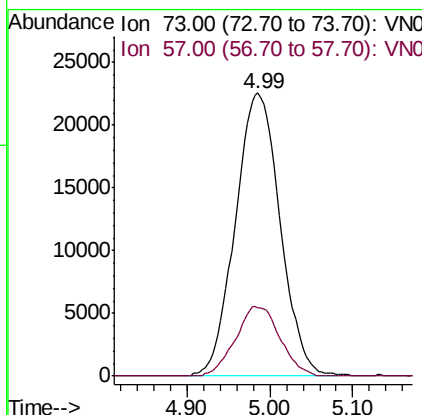
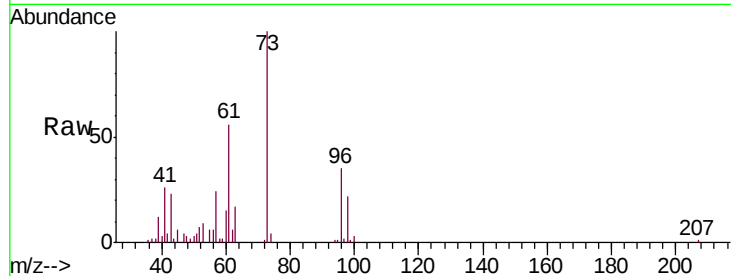




#19
Methyl tert-butyl Ether
Concen: 18.137 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

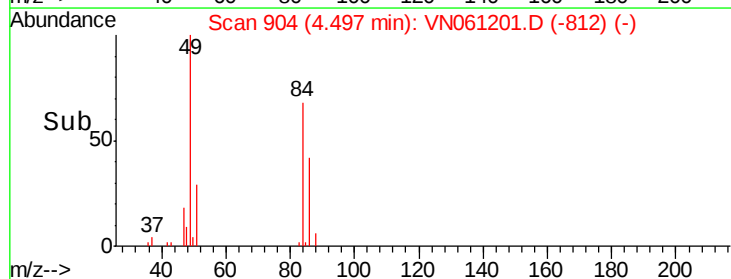
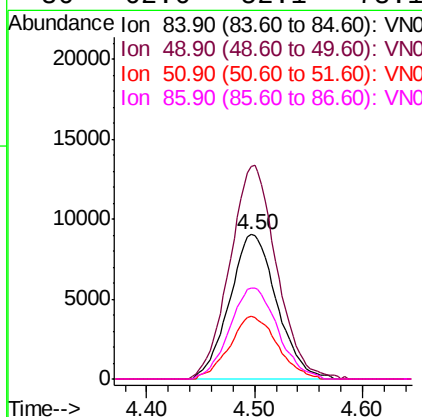
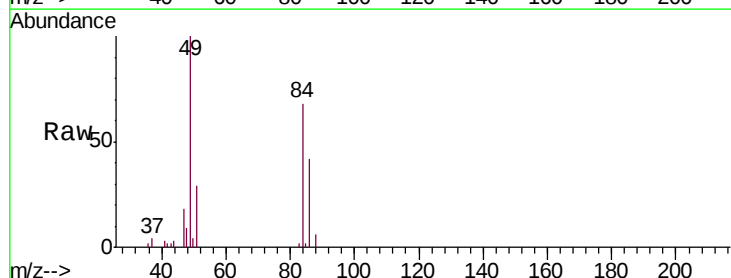
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

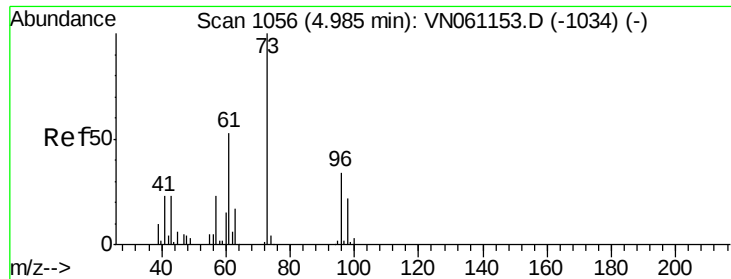
Tgt Ion: 73 Resp: 84712
Ion Ratio Lower Upper
73 100
57 24.2 18.3 27.5



#20
Methylene Chloride
Concen: 19.291 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 84 Resp: 27574
Ion Ratio Lower Upper
84 100
49 147.6 112.0 168.0
51 43.3 33.6 50.4
86 62.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.385 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

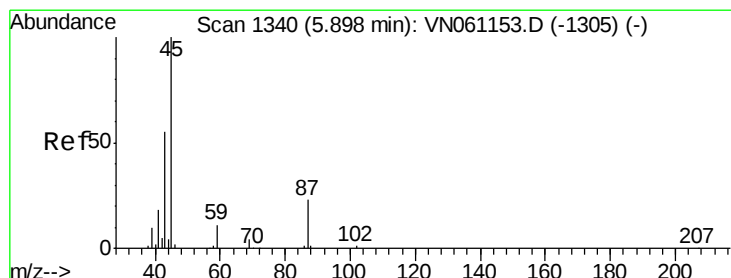
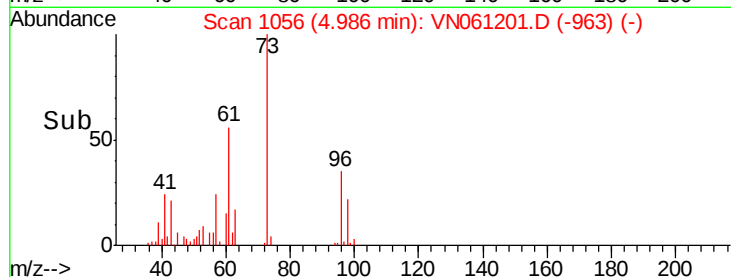
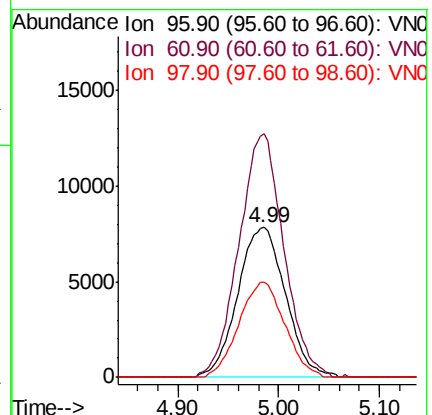
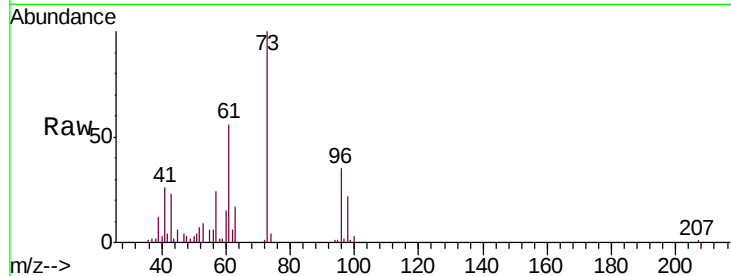
Tgt Ion: 96 Resp: 25801

Ion Ratio Lower Upper

96 100

61 162.6 123.0 184.4

98 63.6 50.1 75.1



#22

Diisopropyl ether

Concen: 20.054 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Tgt Ion: 45 Resp: 105394

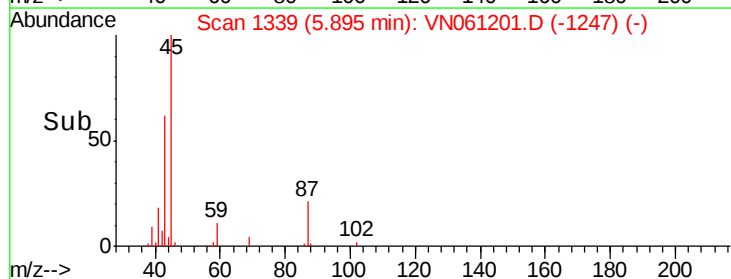
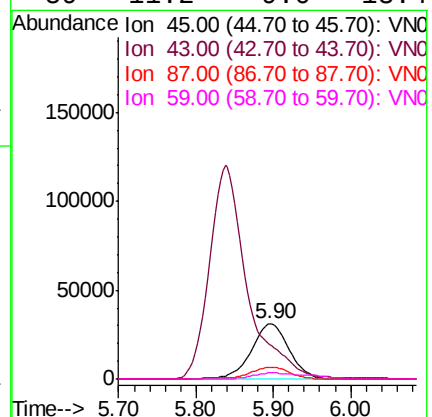
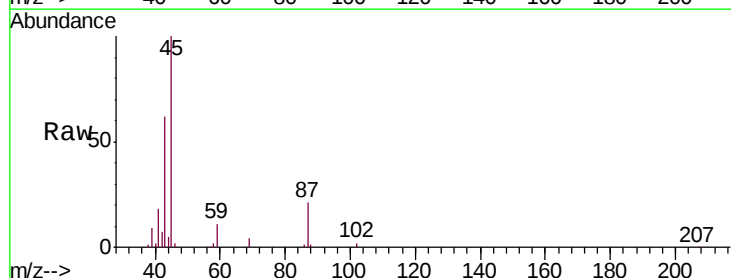
Ion Ratio Lower Upper

45 100

43 59.4 47.9 71.9

87 21.1 19.2 28.8

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 96.968 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

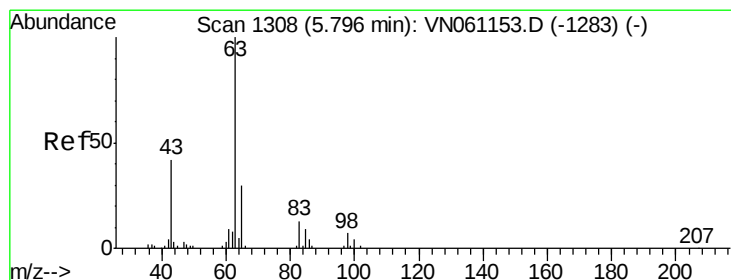
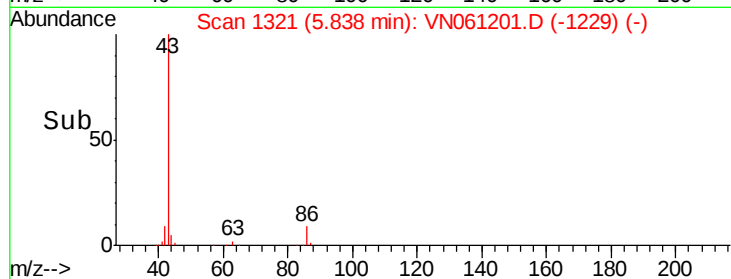
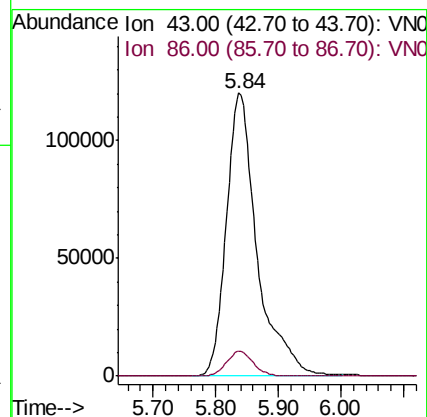
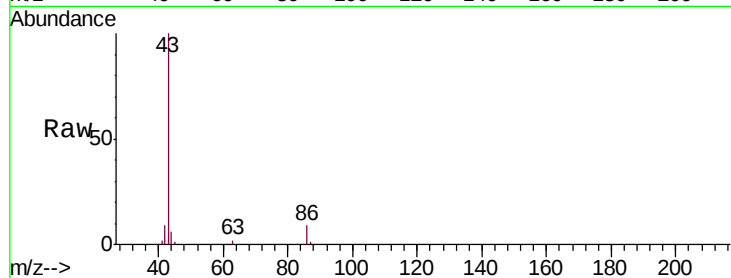
VN0430WBS01

Tgt Ion: 43 Resp: 410339

Ion Ratio Lower Upper

43 100

86 8.8 7.2 10.8



#24

1,1-Dichloroethane

Concen: 19.356 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

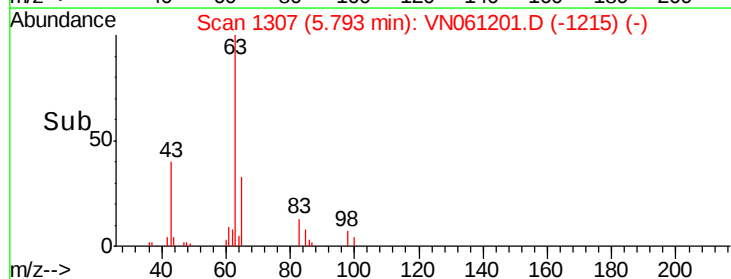
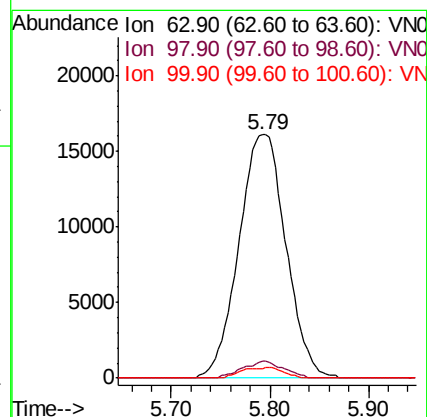
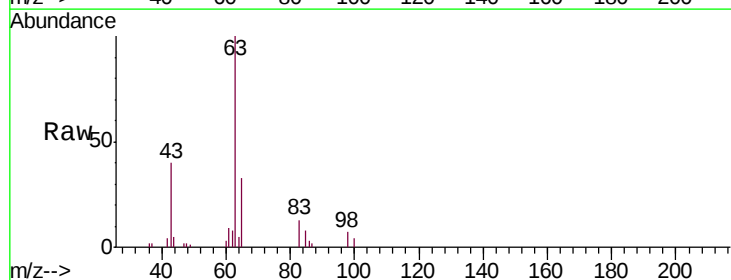
Tgt Ion: 63 Resp: 53151

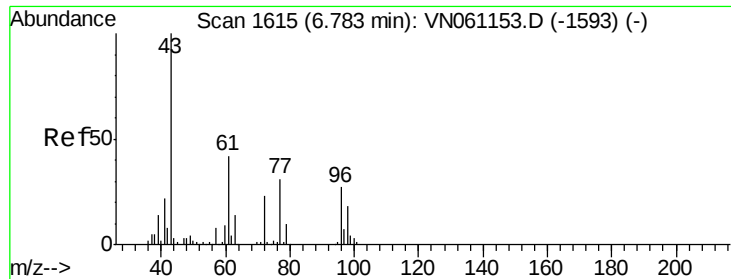
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 93.856 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

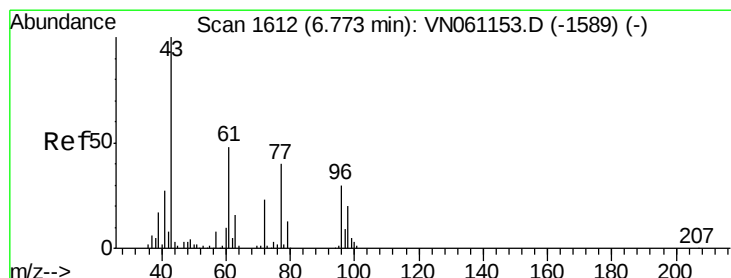
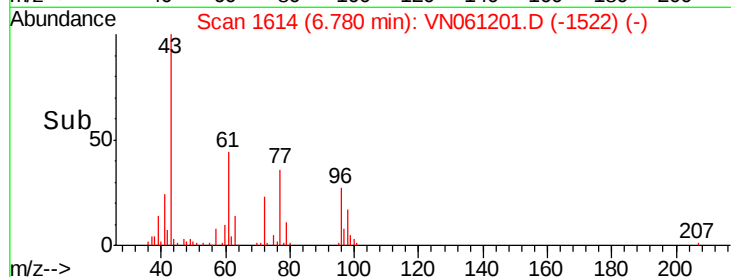
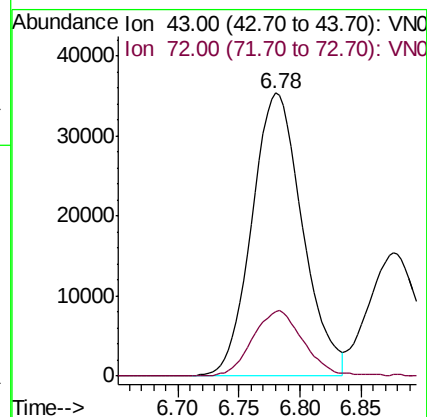
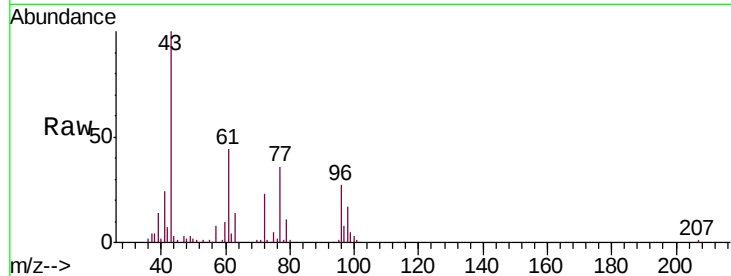
VN0430WBS01

Tgt Ion: 43 Resp: 101806

Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.4



#26

2,2-Dichloropropane

Concen: 19.168 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061201.D

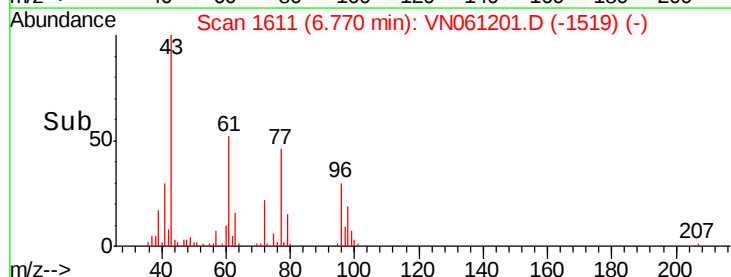
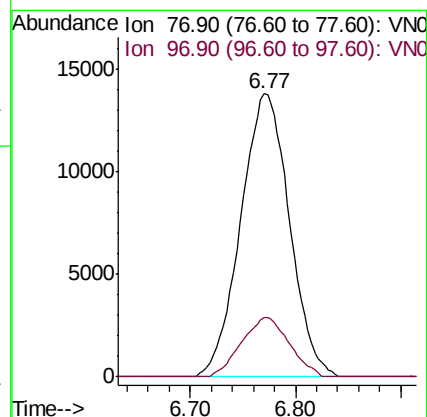
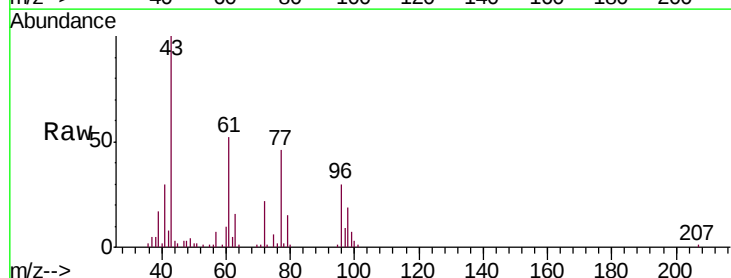
Acq: 30 Apr 2020 14:58

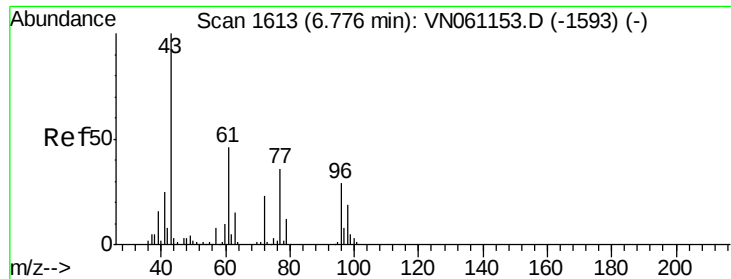
Tgt Ion: 77 Resp: 44334

Ion Ratio Lower Upper

77 100

97 20.6 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 18.475 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

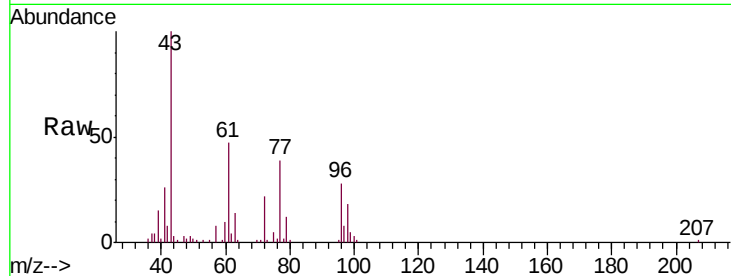
Tgt Ion: 96 Resp: 28857

Ion Ratio Lower Upper

96 100

61 166.0 0.0 322.0

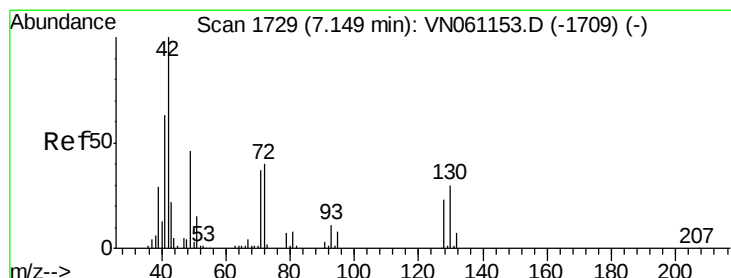
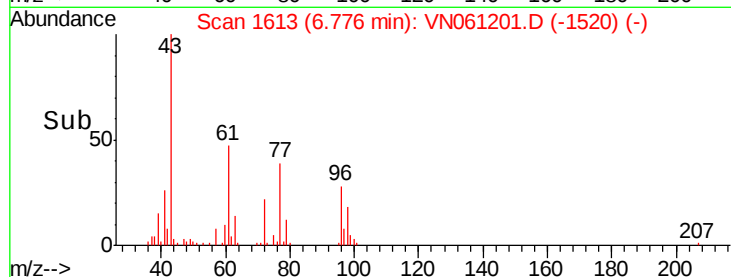
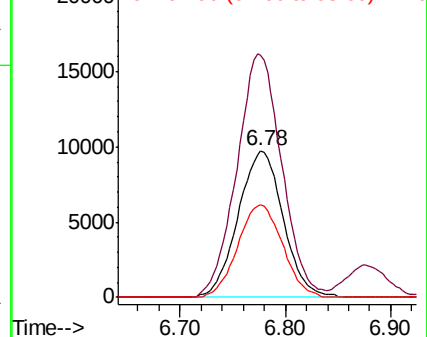
98 62.8 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.609 ug/l

RT: 7.14 min Scan# 1727

Delta R.T. -0.01 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

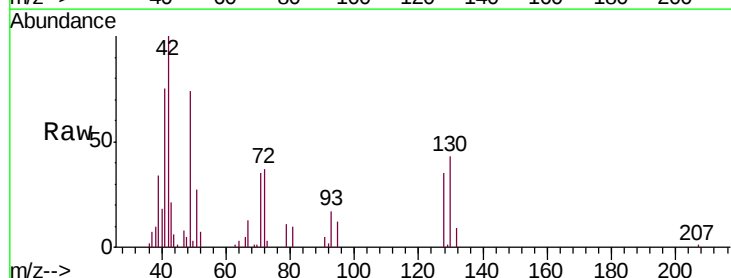
Tgt Ion: 49 Resp: 28124

Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.0

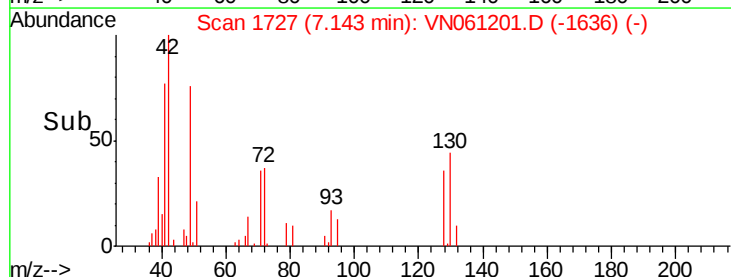
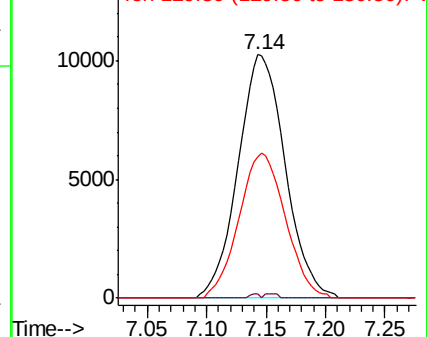
130 58.6 51.4 77.2



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

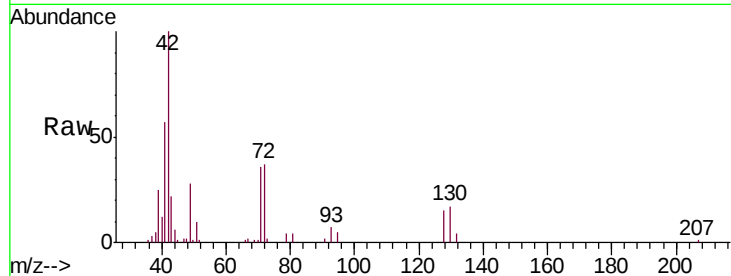




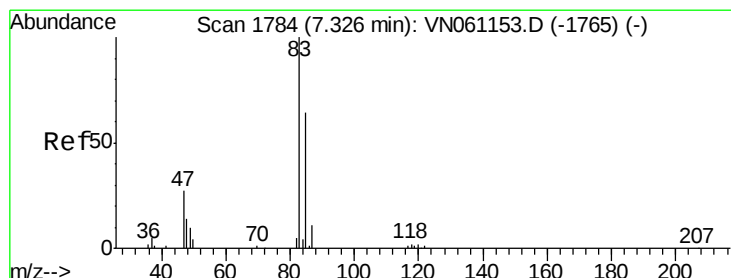
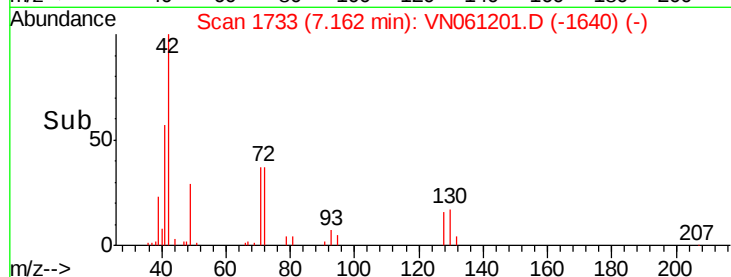
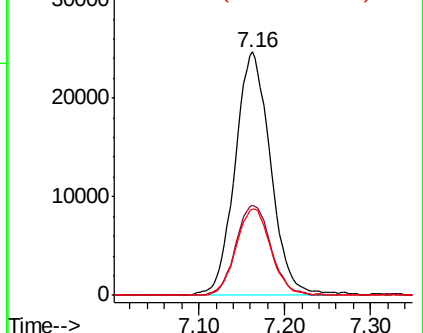
#29
Tetrahydrofuran
Concen: 97.197 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion: 42 Resp: 71020
Ion Ratio Lower Upper
42 100
72 36.4 31.4 47.0
71 34.5 29.5 44.3

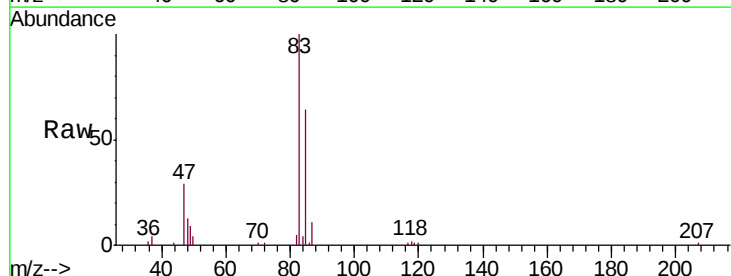


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

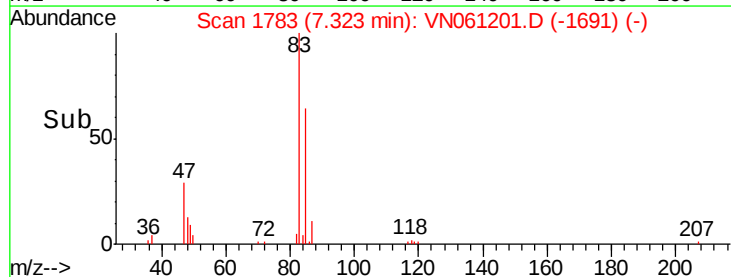
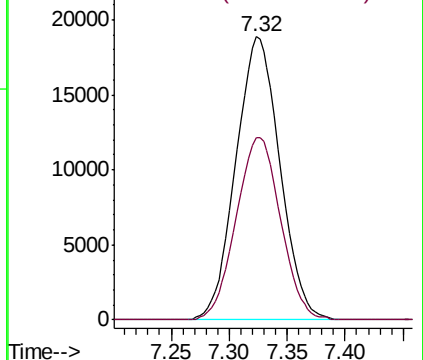


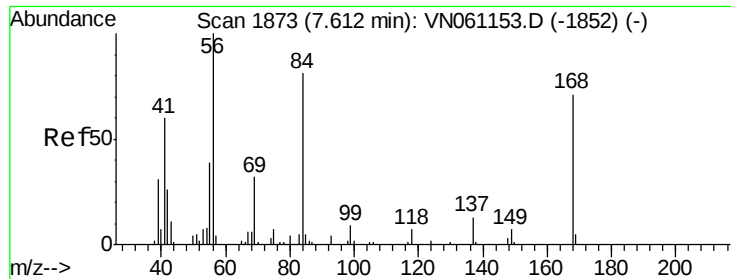
#30
Chloroform
Concen: 17.880 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 83 Resp: 49756
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7



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

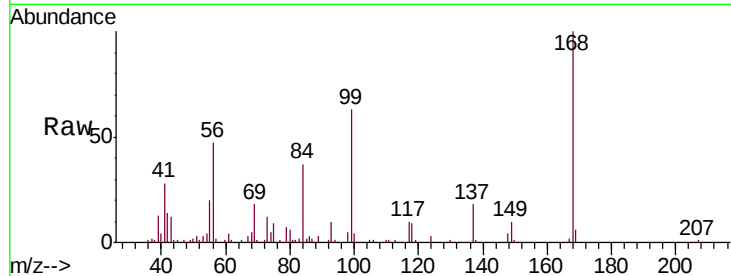




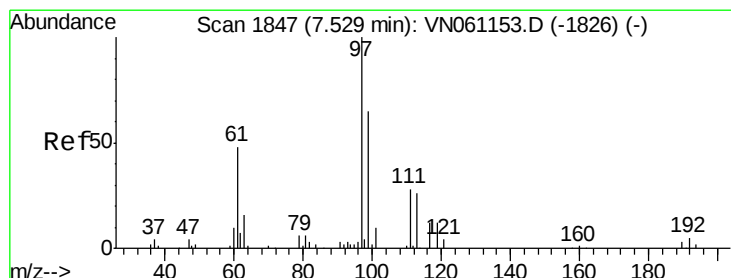
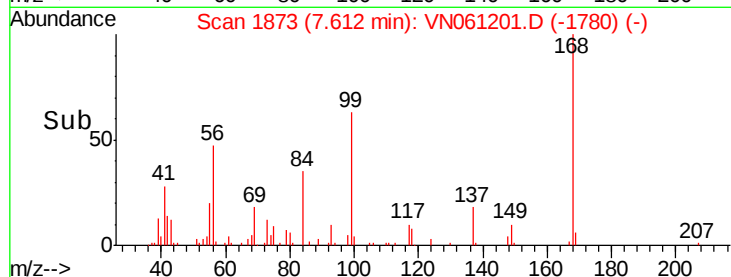
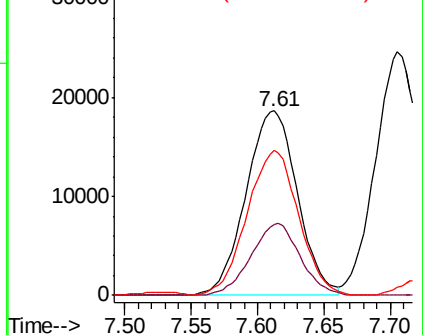
#31
Cyclohexane
Concen: 18.873 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tgt Ion: 56 Resp: 50328
Ion Ratio Lower Upper
56 100
69 38.3 25.7 38.5
84 78.4 64.6 97.0

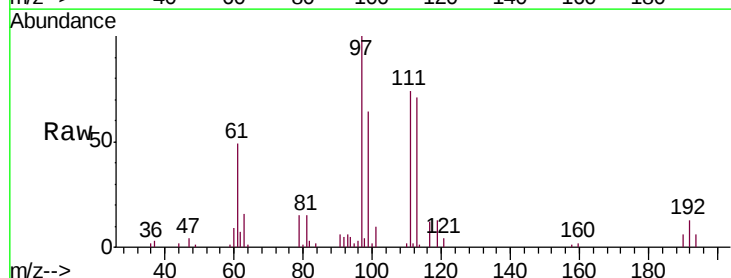


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

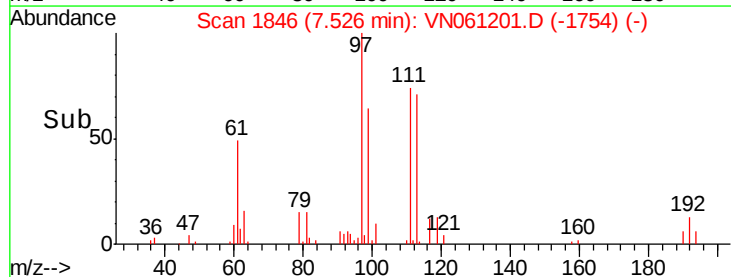
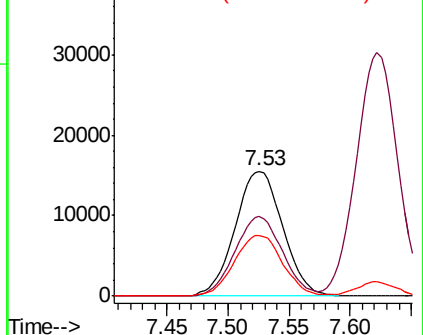


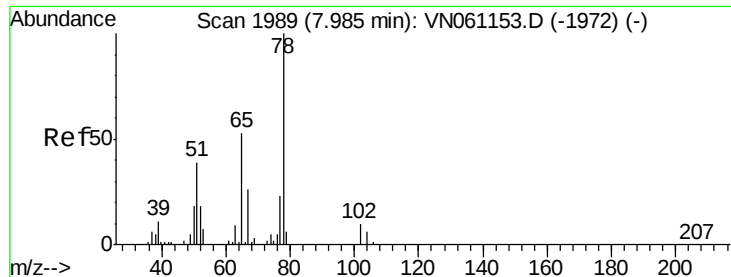
#32
1,1,1-Trichloroethane
Concen: 17.319 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 97 Resp: 41967
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 49.5 38.6 57.8



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

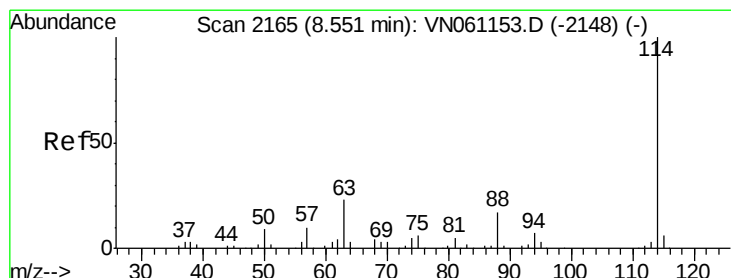
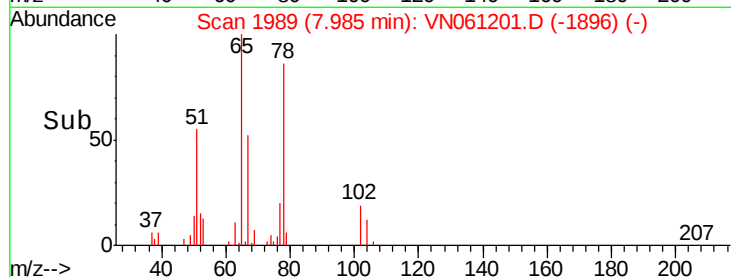
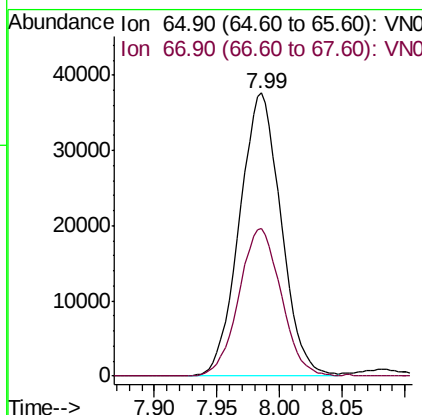
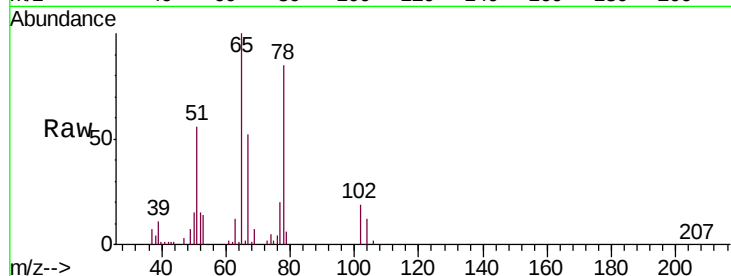




#33
 1,2-Dichloroethane-d4
 Concen: 47.417 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

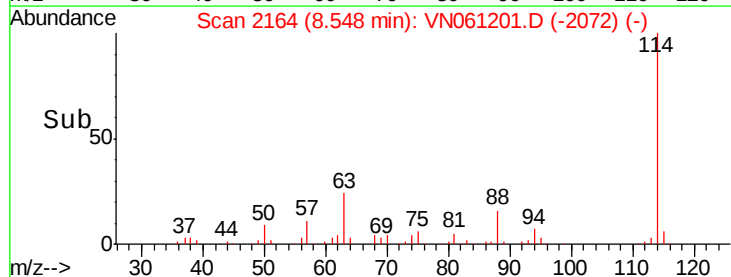
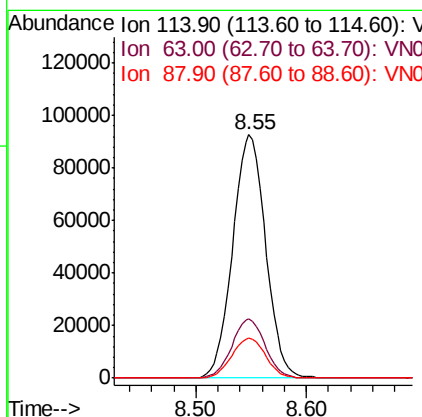
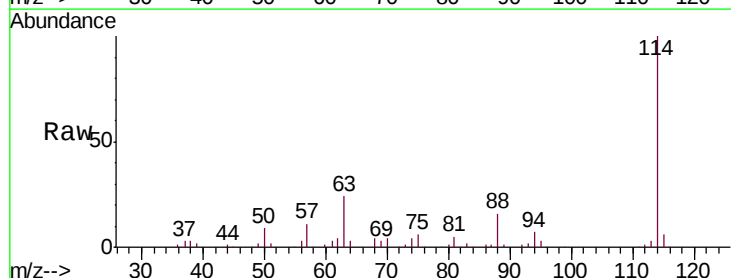
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

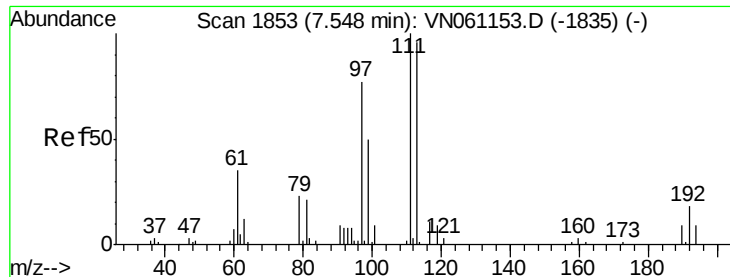
Tgt Ion: 65 Resp: 86920
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion: 114 Resp: 192395
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.6
 88 16.4 0.0 33.4

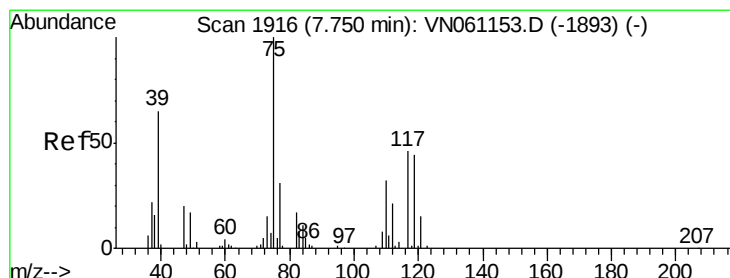
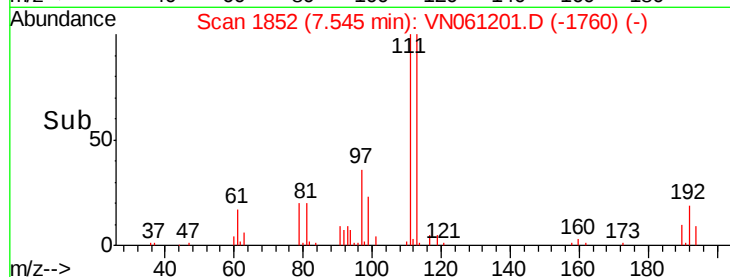
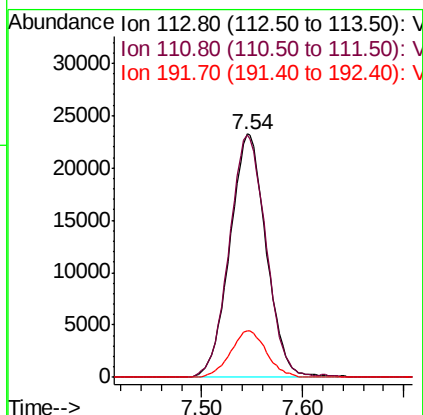
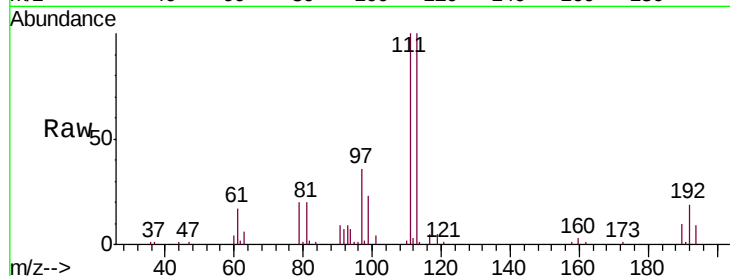




#35
 Dibromofluoromethane
 Concen: 51.027 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

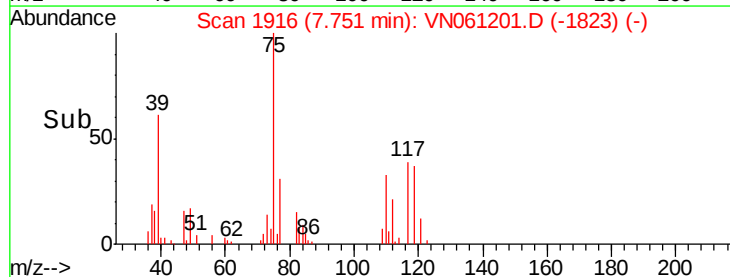
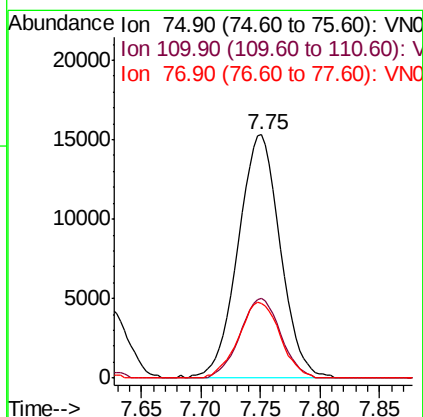
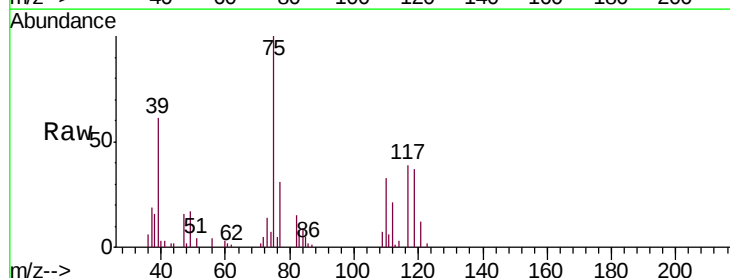
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

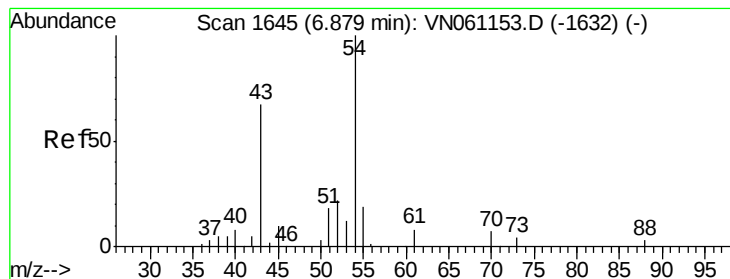
Tgt Ion: 113 Resp: 58052
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.9 124.3
 192 18.9 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 19.494 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion: 75 Resp: 37544
 Ion Ratio Lower Upper
 75 100
 110 31.7 16.0 48.0
 77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 19.653 ug/l

RT: 6.88 min Scan# 1644

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

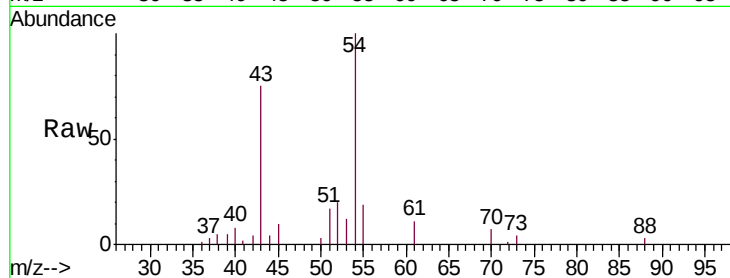
Tgt Ion: 43 Resp: 44375

Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.2

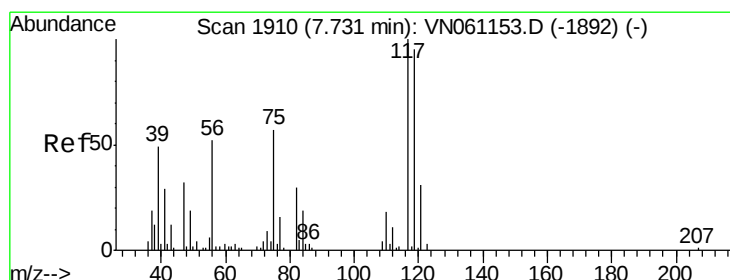
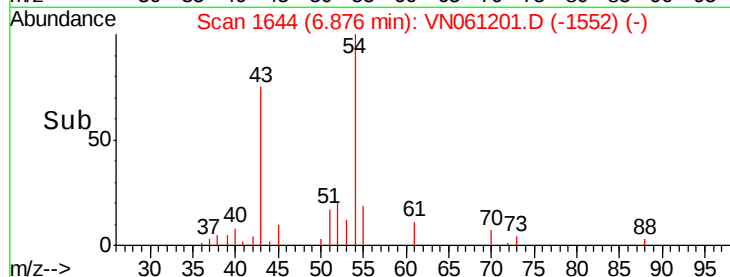
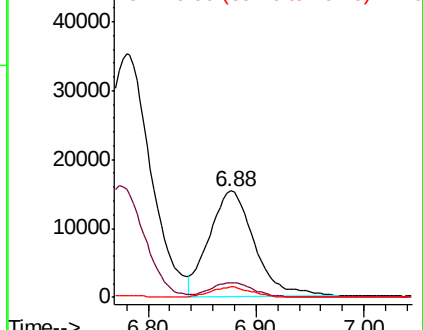
70 8.8 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1632) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1632) (-)

Ion 70.00 (69.70 to 70.70): VN061153.D (-1632) (-)



#38

Carbon Tetrachloride

Concen: 18.673 ug/l

RT: 7.73 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

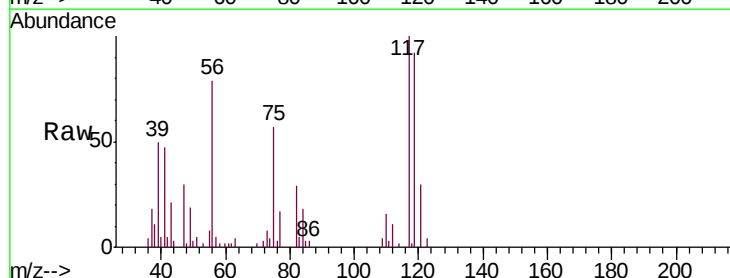
Tgt Ion: 117 Resp: 30175

Ion Ratio Lower Upper

117 100

119 92.0 75.8 113.6

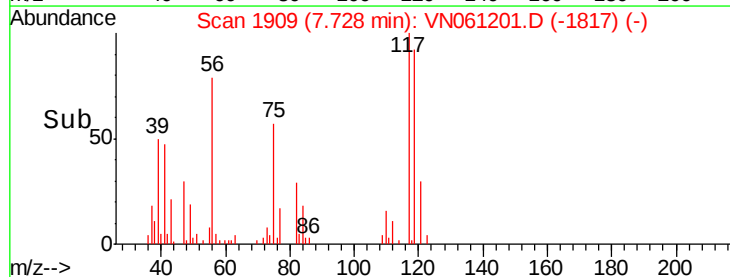
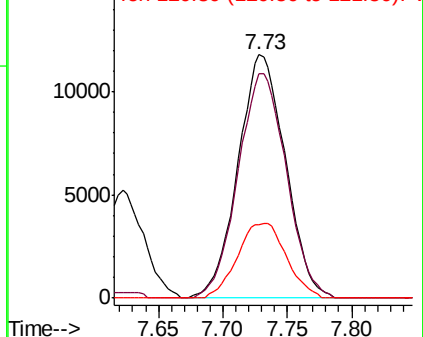
121 30.3 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-1892) (-)

Ion 118.80 (118.50 to 119.50): VN061153.D (-1892) (-)

Ion 120.80 (120.50 to 121.50): VN061153.D (-1892) (-)

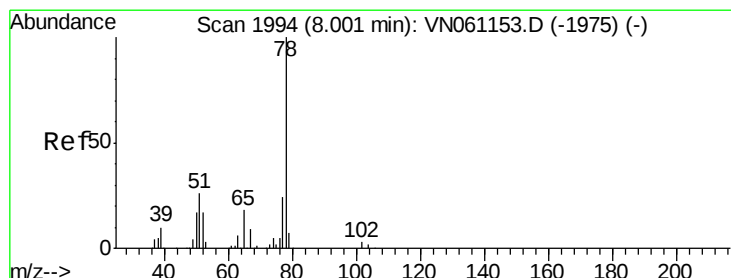
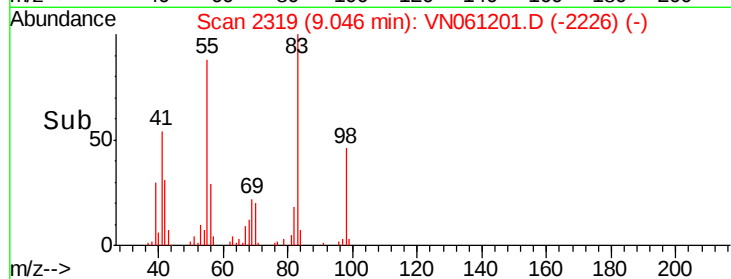
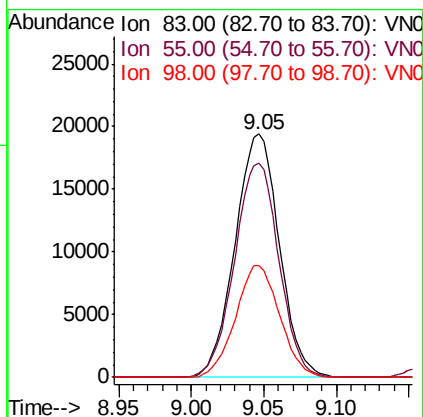
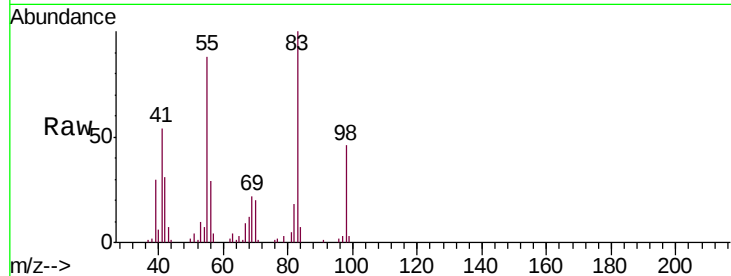




#39
Methylcyclohexane
Concen: 19.103 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

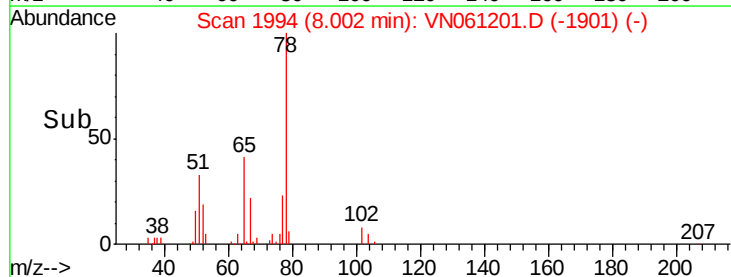
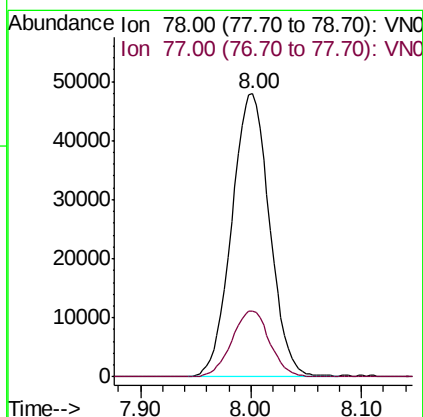
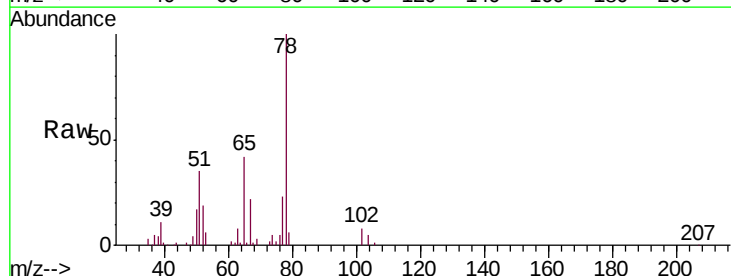
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion: 83 Resp: 41260
Ion Ratio Lower Upper
83 100
55 87.9 67.3 100.9
98 45.7 37.7 56.5



#40
Benzene
Concen: 19.847 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 78 Resp: 113882
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

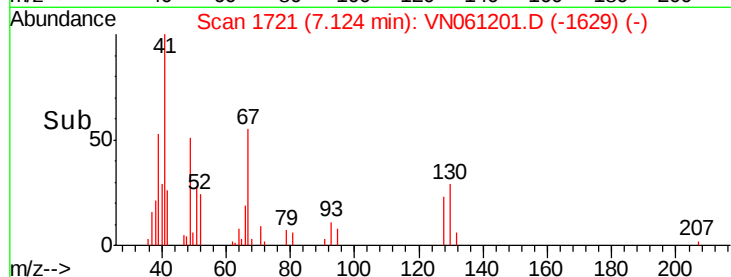
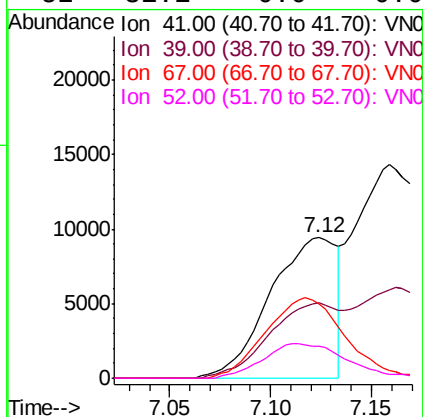
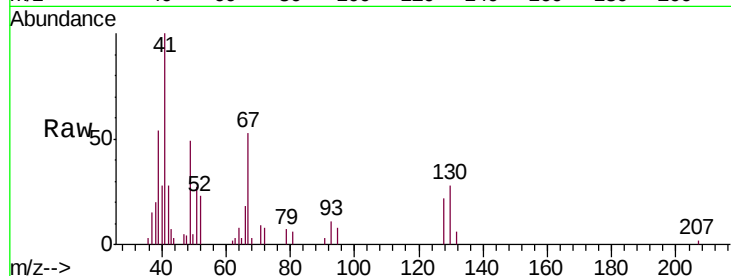




#41
Methacrylonitrile
Concen: 23.053 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

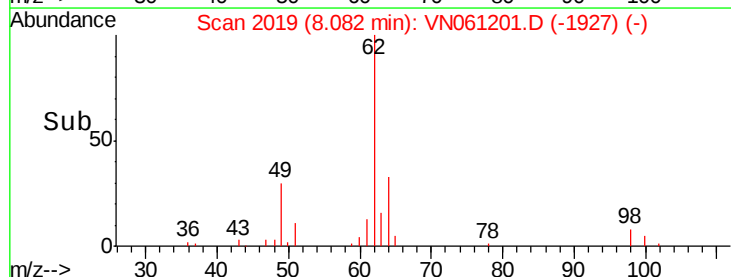
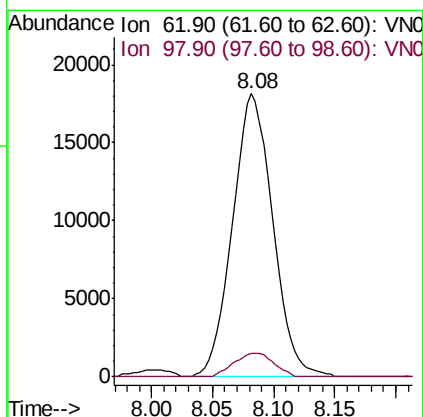
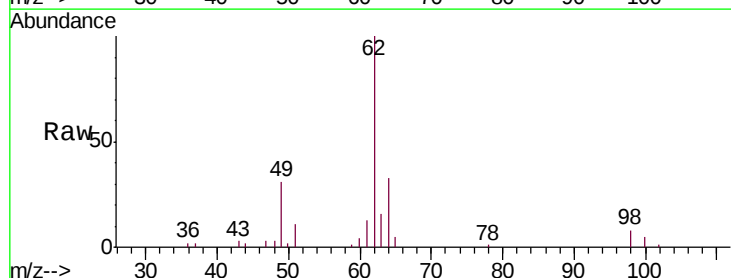
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

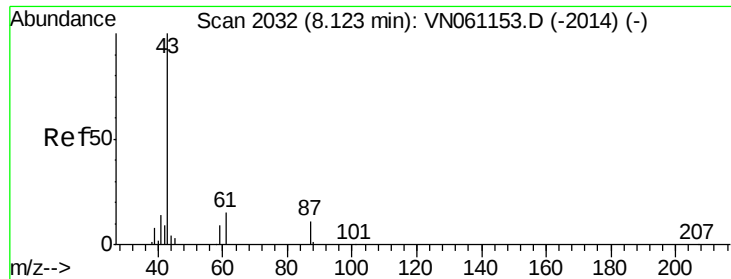
Tgt Ion:	41	Resp:	21611
Ion	Ratio	Lower	Upper
41	100		
39	53.6	0.0	0.0#
67	68.6	0.0	0.0#
52	31.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.111 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion:	62	Resp:	41542
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 18.946 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

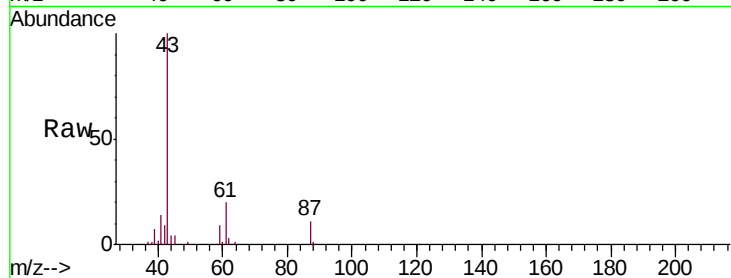
Tgt Ion: 43 Resp: 70995

Ion Ratio Lower Upper

43 100

61 18.9 19.5 29.3#

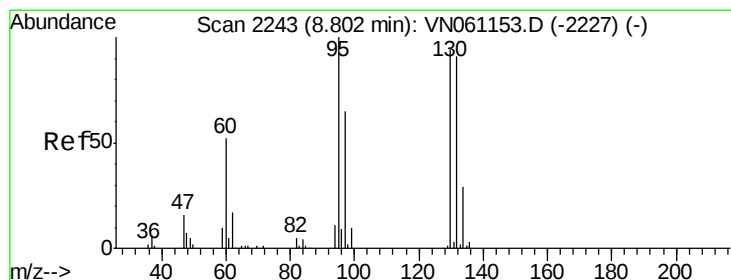
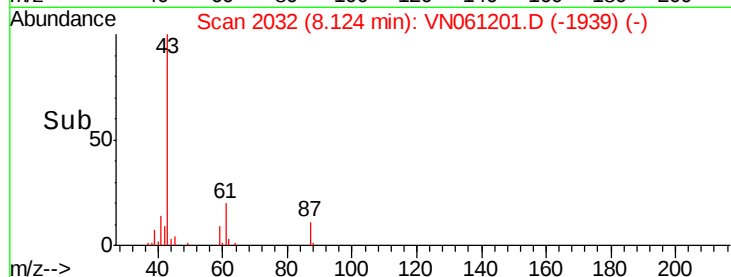
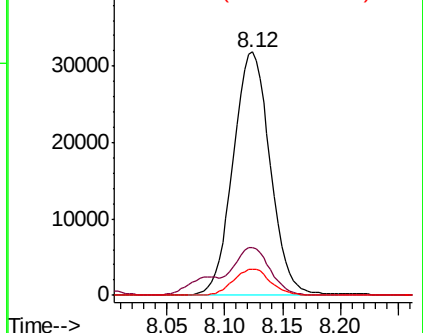
87 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 18.164 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061201.D

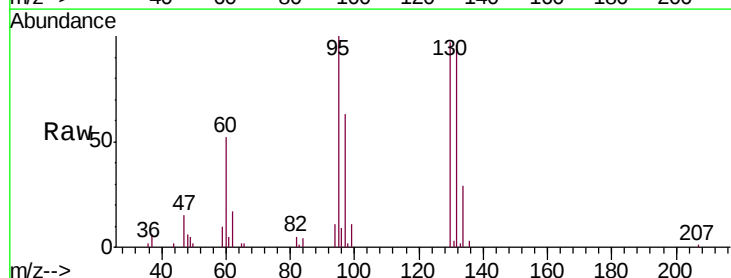
Acq: 30 Apr 2020 14:58

Tgt Ion: 130 Resp: 28175

Ion Ratio Lower Upper

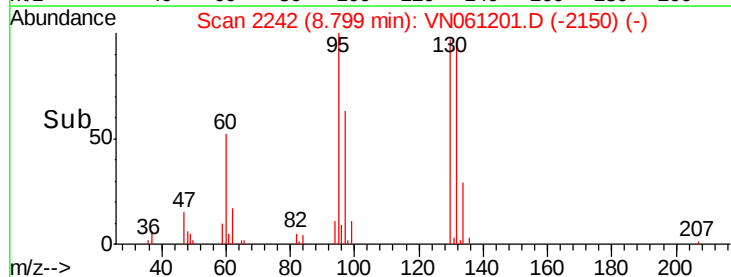
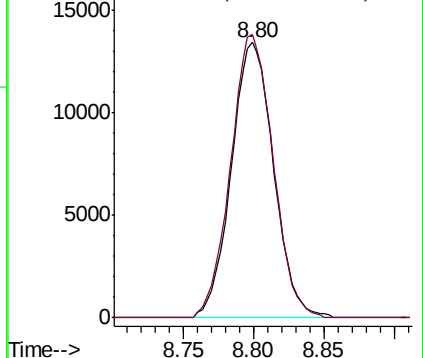
130 100

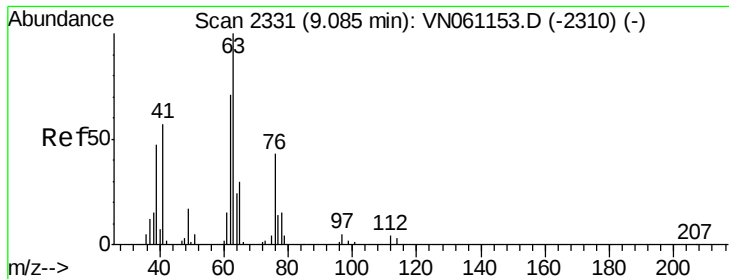
95 102.9 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 20.469 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

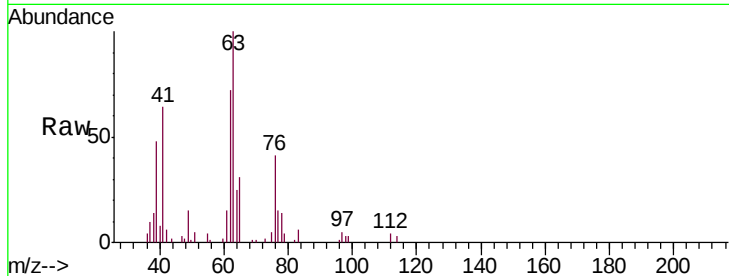
VN0430WBS01

Tgt Ion: 63 Resp: 31377

Ion Ratio Lower Upper

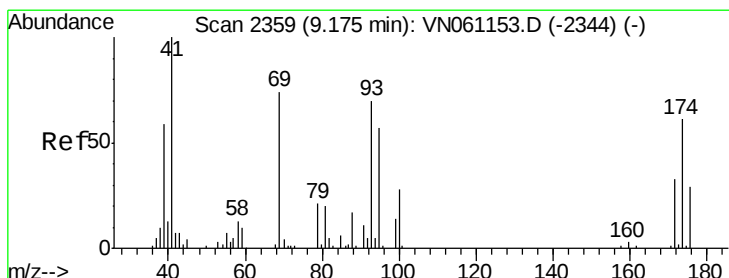
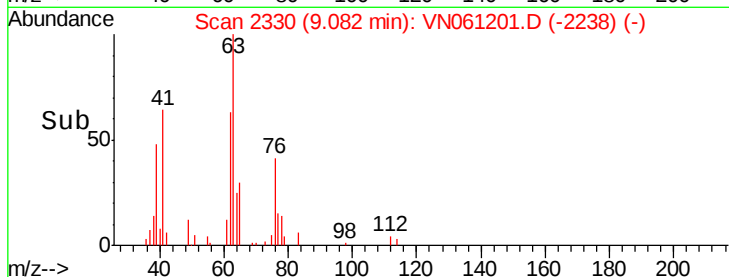
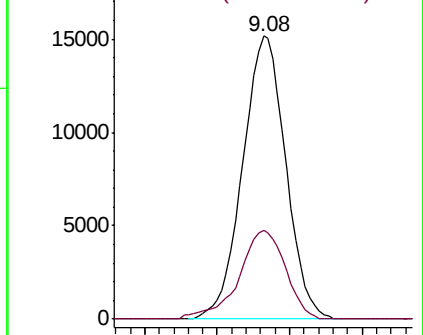
63 100

65 31.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.188 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

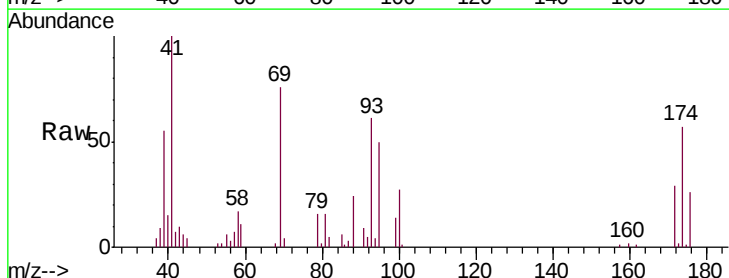
Tgt Ion: 93 Resp: 18212

Ion Ratio Lower Upper

93 100

95 82.0 66.6 99.8

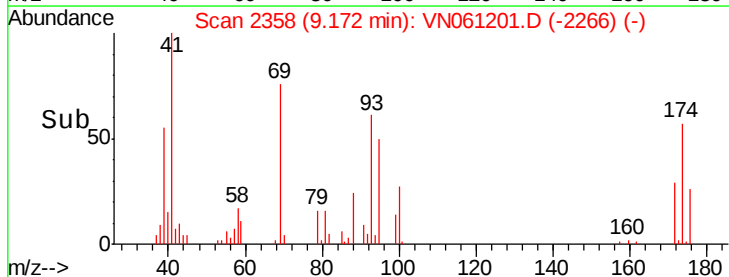
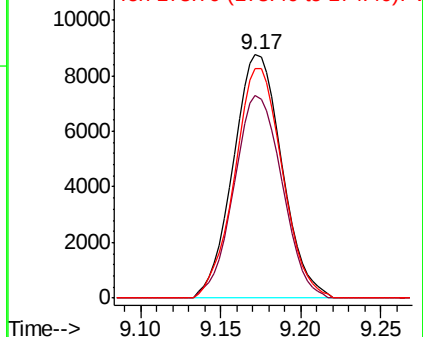
174 92.4 70.2 105.2

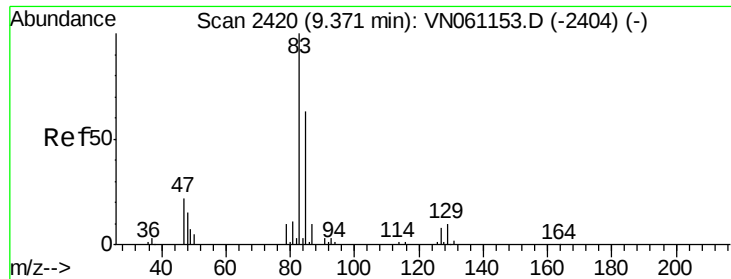


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.898 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

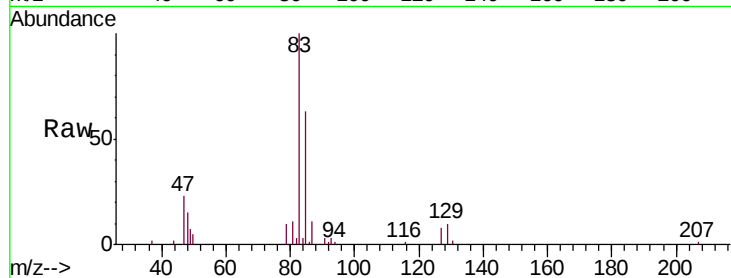
Tgt Ion: 83 Resp: 38500

Ion Ratio Lower Upper

83 100

85 63.0 50.4 75.6

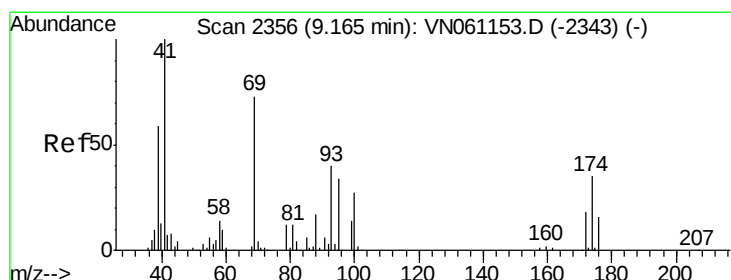
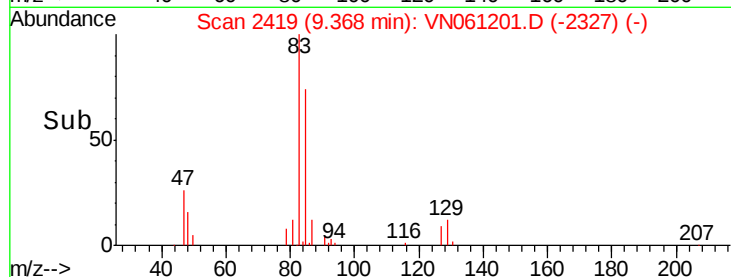
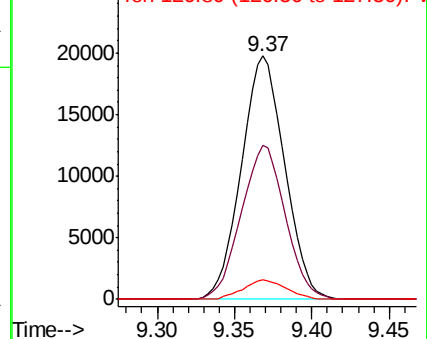
127 7.9 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061201.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061201.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061201.D (-2327) (-)



#48

Methyl methacrylate

Concen: 18.886 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

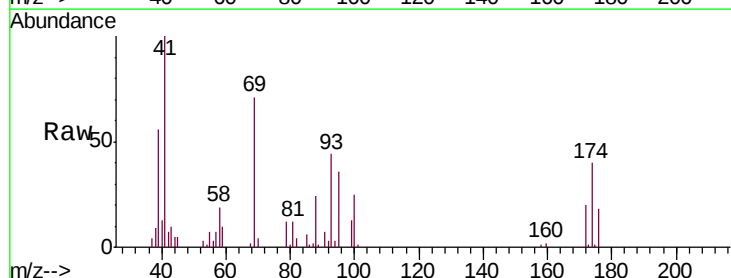
Tgt Ion: 41 Resp: 31935

Ion Ratio Lower Upper

41 100

69 74.5 60.3 90.5

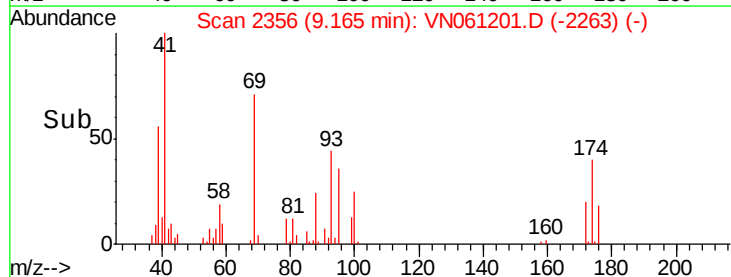
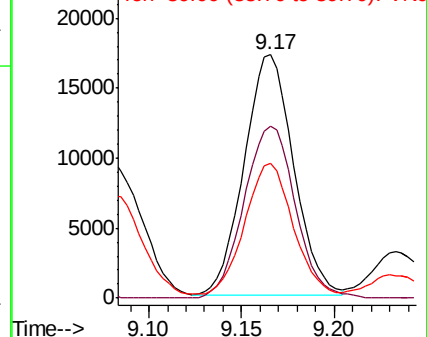
39 56.5 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061201.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061201.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061201.D (-2263) (-)

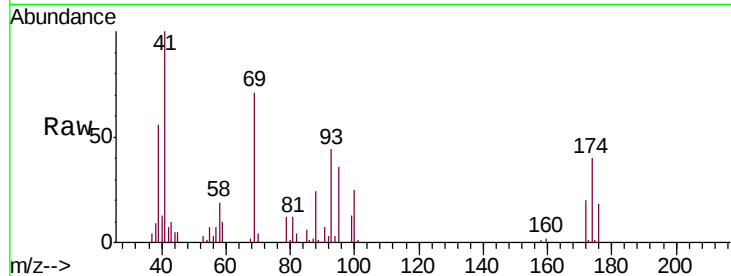




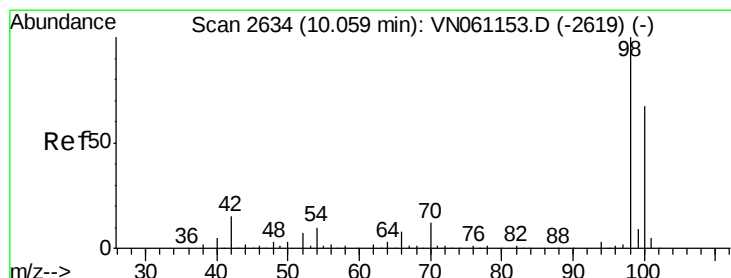
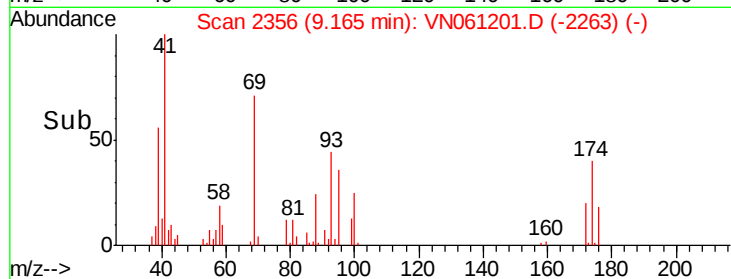
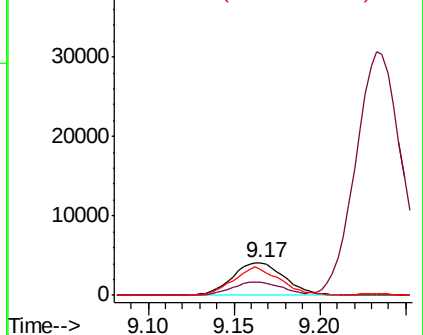
#49
1,4-Dioxane
Concen: 449.148 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion: 88 Resp: 8621
Ion Ratio Lower Upper
88 100
43 39.3 35.3 52.9
58 77.5 61.5 92.3

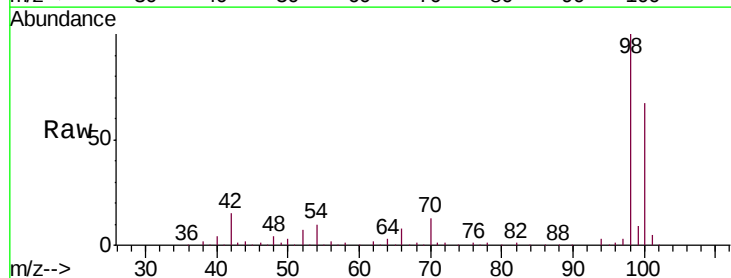


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

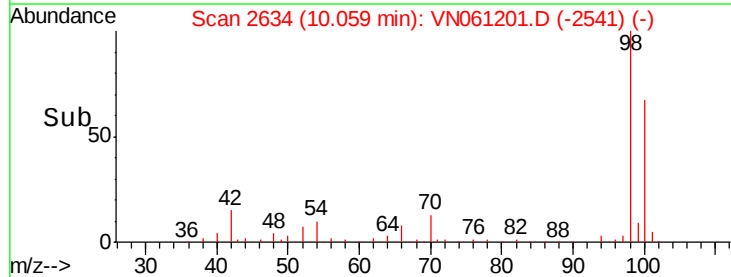
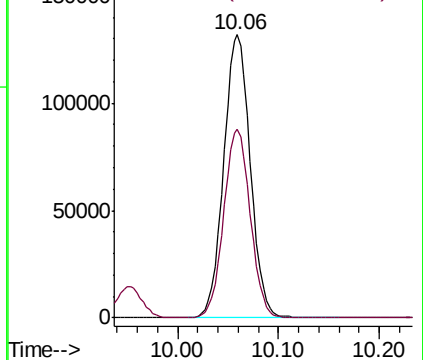


#50
Toluene-d8
Concen: 52.320 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 98 Resp: 242649
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



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: 97.509 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

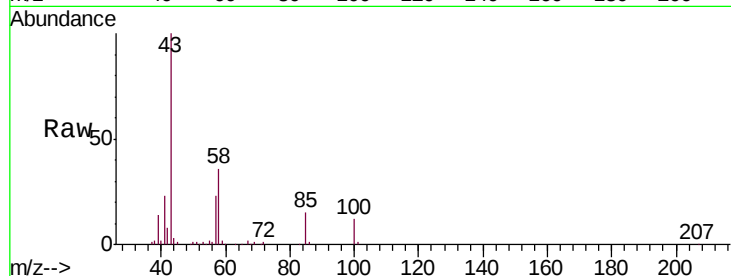
VN0430WBS01

Tgt Ion: 43 Resp: 215071

Ion Ratio Lower Upper

43 100

58 36.4 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

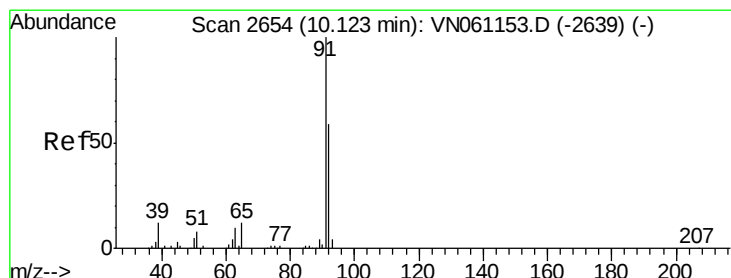
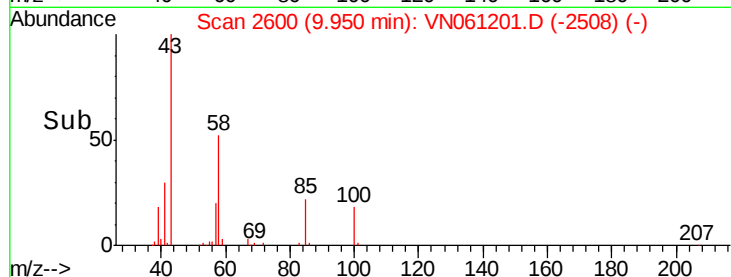
9.95

100000

50000

0

Time-->



#52

Toluene

Concen: 19.405 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061201.D

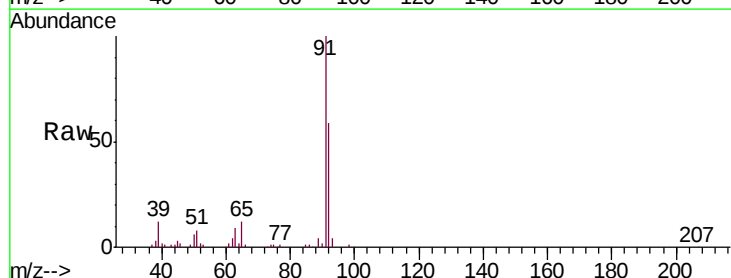
Acq: 30 Apr 2020 14:58

Tgt Ion: 92 Resp: 67065

Ion Ratio Lower Upper

92 100

91 171.8 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061153.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-2639) (-)

10.12

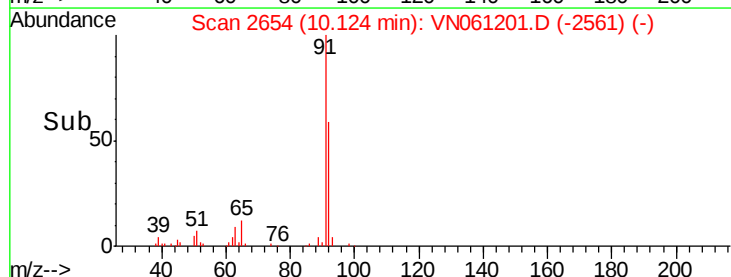
60000

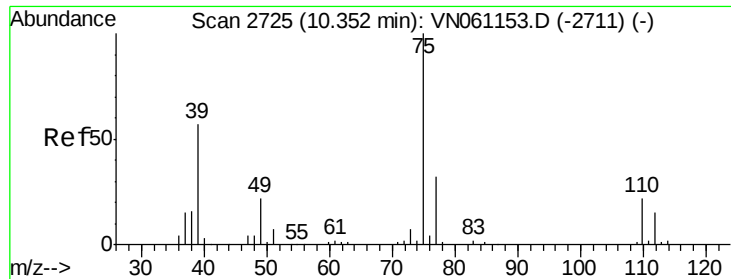
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.104 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

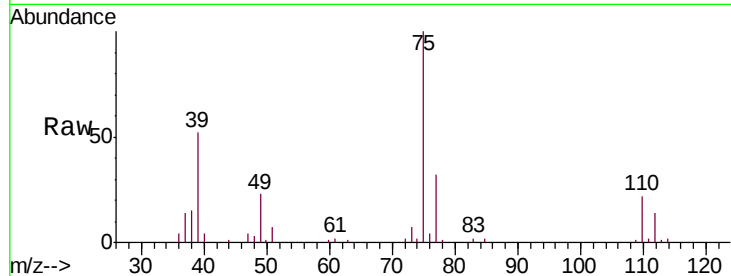
VN0430WBS01

Tgt Ion: 75 Resp: 43855

Ion Ratio Lower Upper

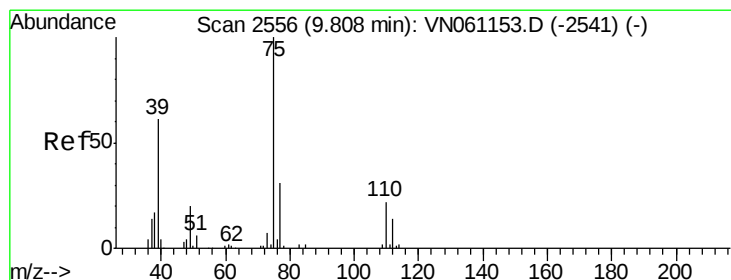
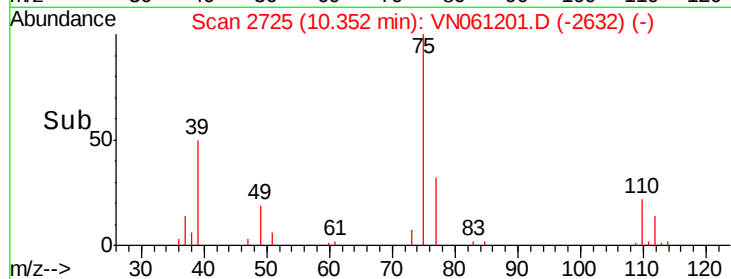
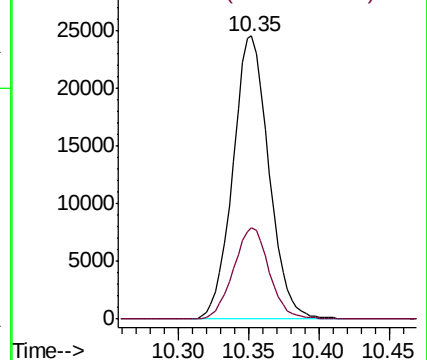
75 100

77 32.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.674 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

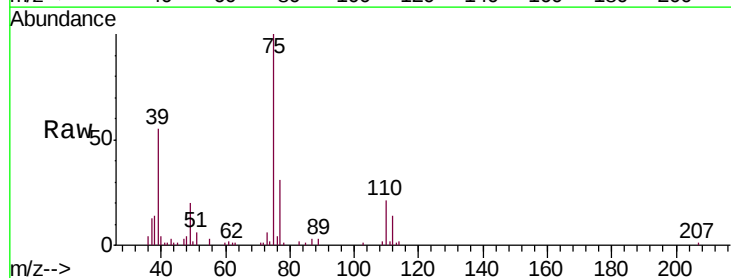
Tgt Ion: 75 Resp: 47747

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

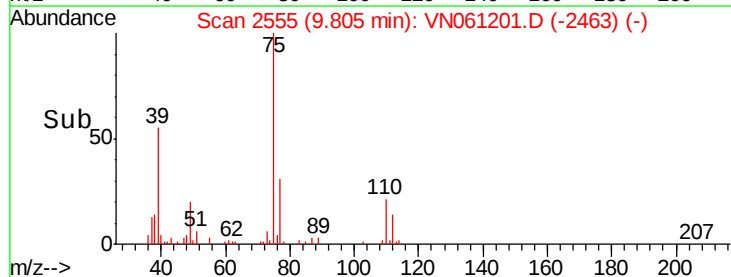
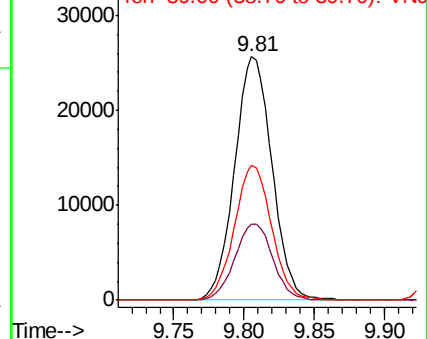
39 55.4 48.7 73.1

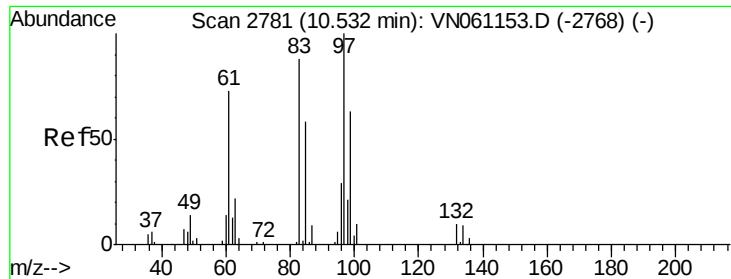


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

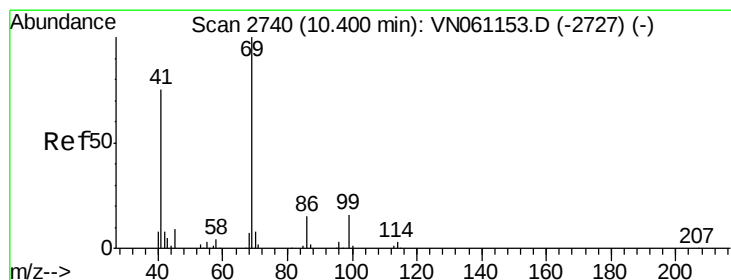
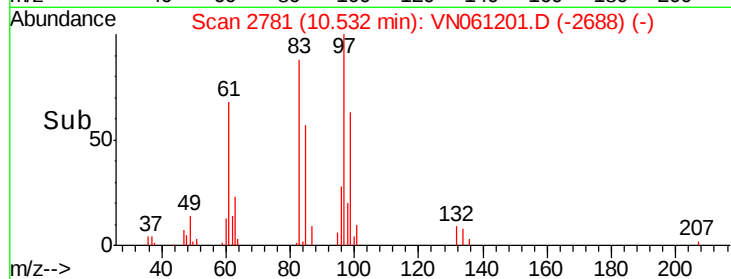
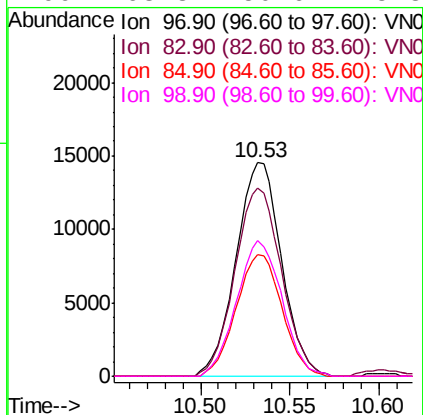
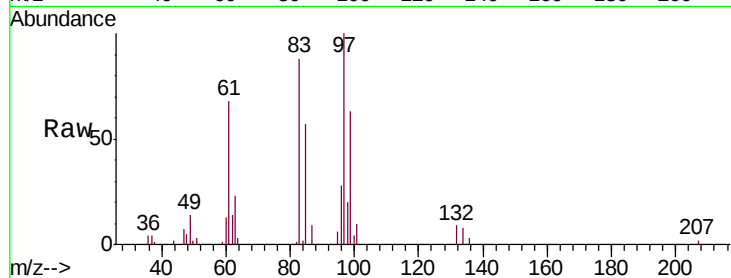




#55
 1,1,2-Trichloroethane
 Concen: 18.789 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

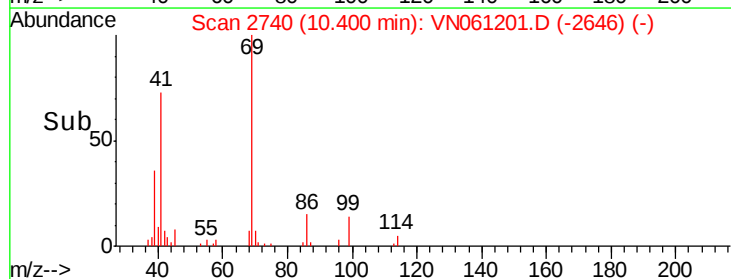
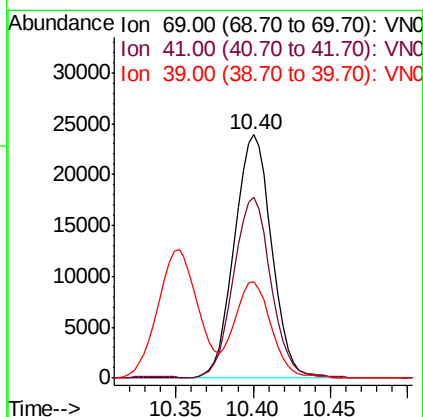
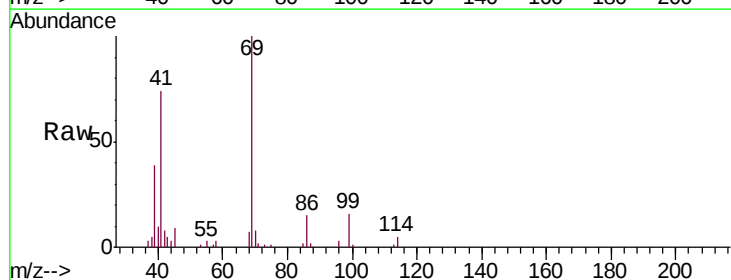
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

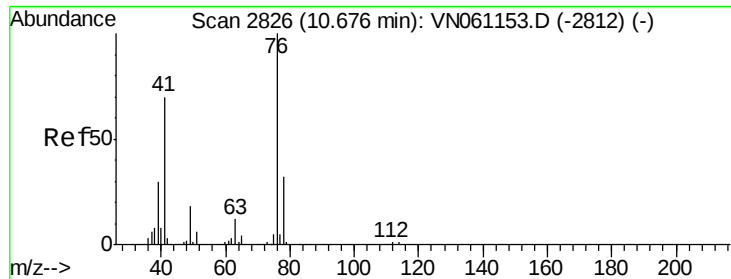
Tgt Ion:	97	Resp:	25901
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.6	106.0
85	56.7	46.4	69.6
99	63.3	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 18.511 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion:	69	Resp:	40104
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.3	90.5
39	39.3	35.9	53.9

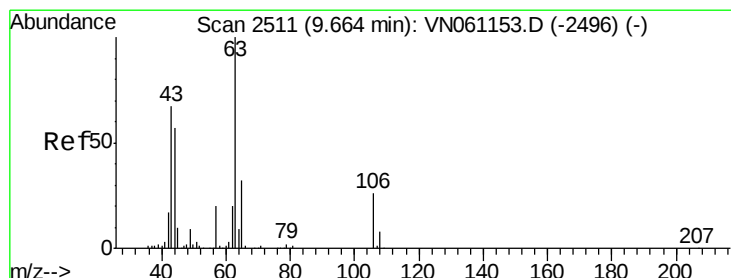
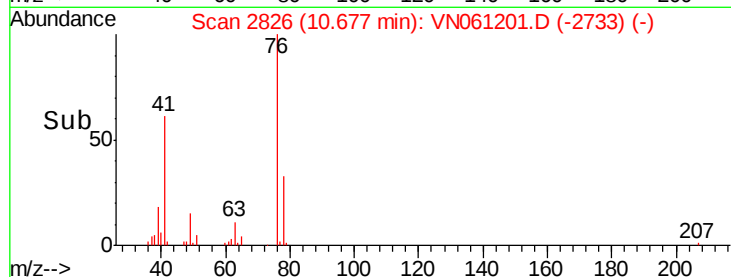
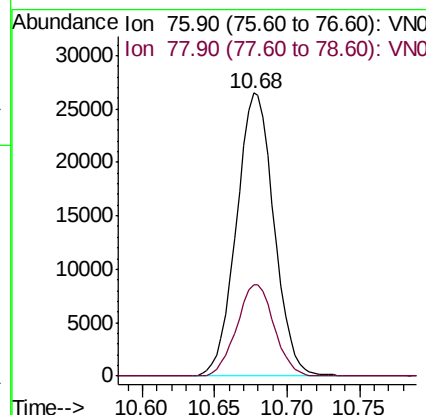
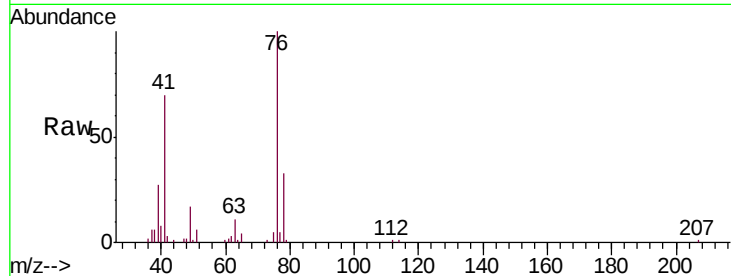




#57
 1,3-Dichloropropane
 Concen: 19.687 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

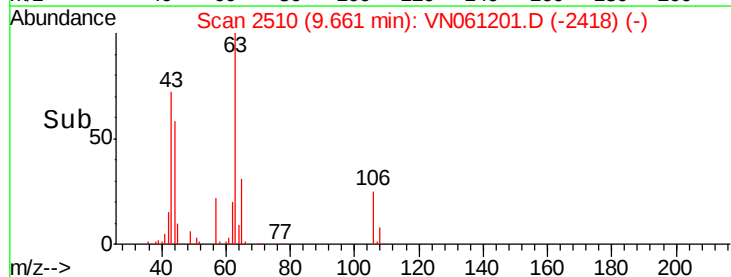
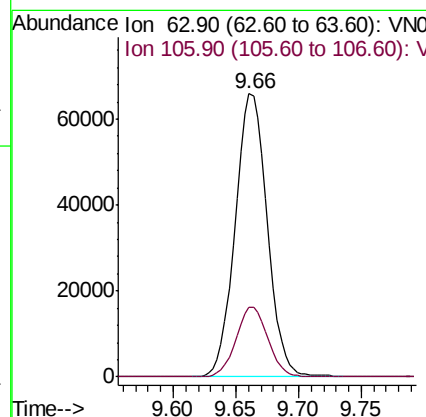
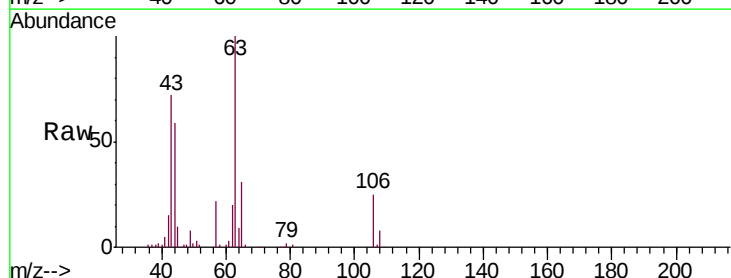
Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

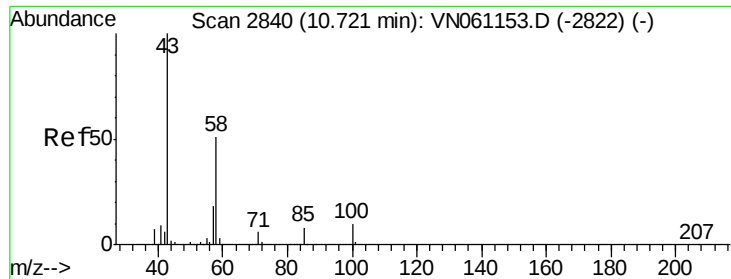
Tgt Ion: 76 Resp: 47705
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.993 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion: 63 Resp: 117157
 Ion Ratio Lower Upper
 63 100
 106 24.5 20.6 30.8

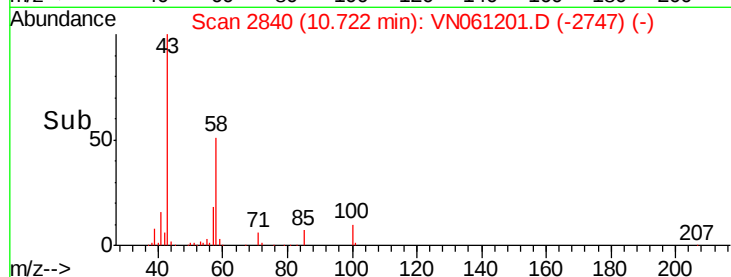
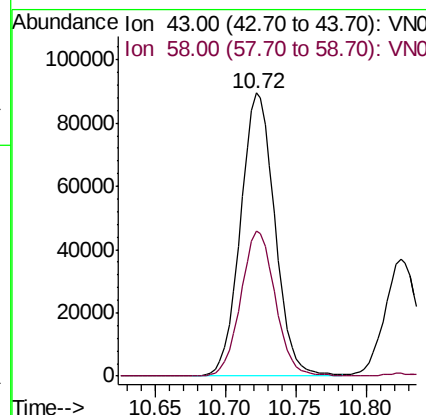
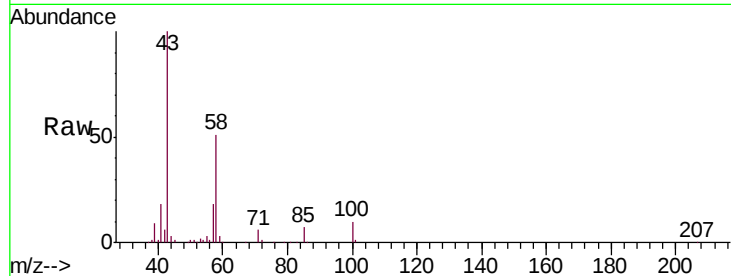




#59
2-Hexanone
Concen: 95.465 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

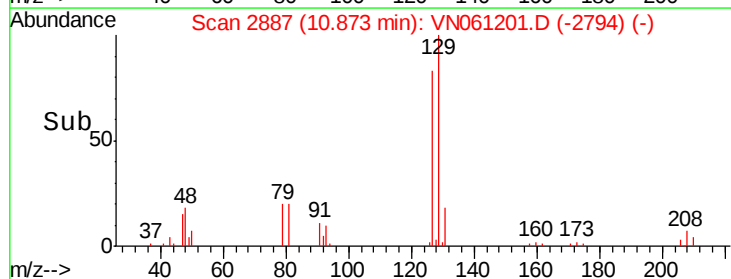
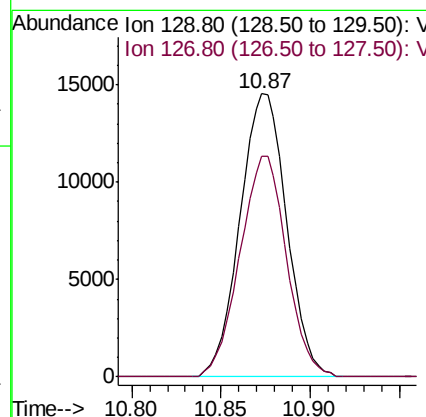
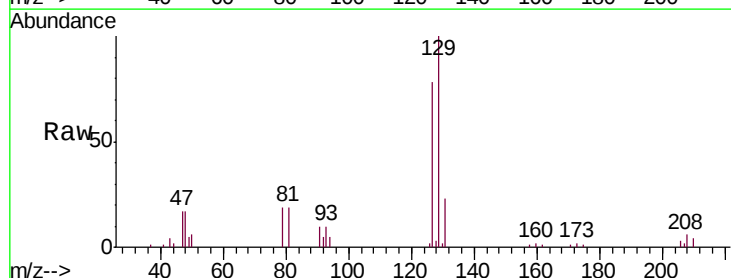
Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

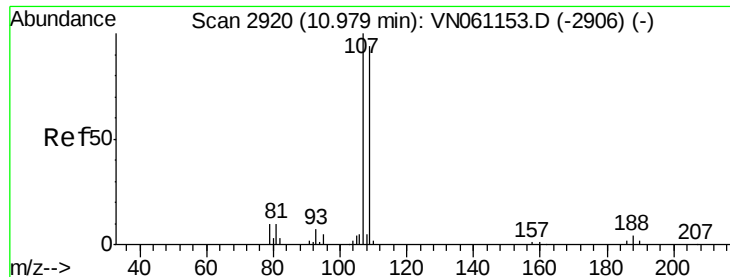
Tgt Ion: 43 Resp: 153189
Ion Ratio Lower Upper
43 100
58 51.2 25.4 76.4



#60
Dibromochloromethane
Concen: 18.355 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 129 Resp: 26501
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8

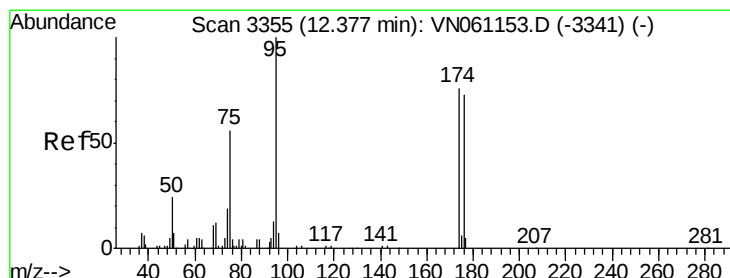
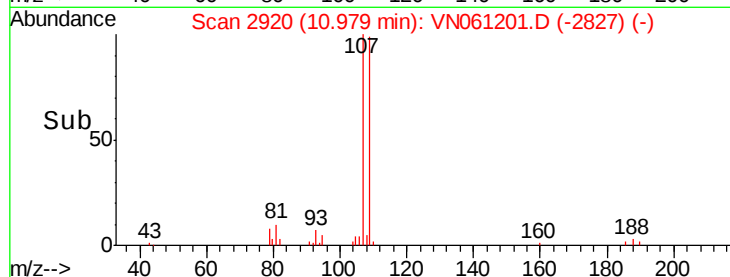
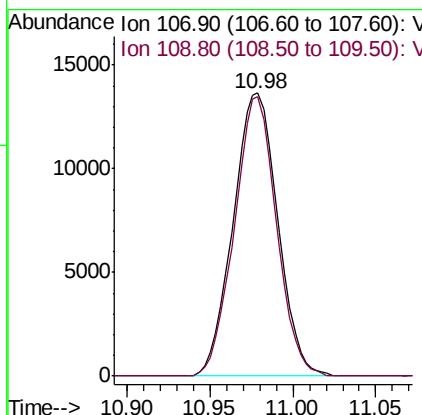
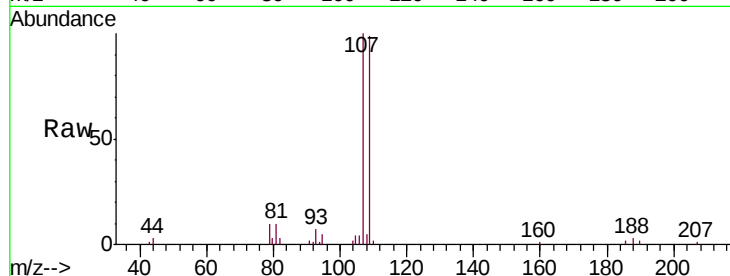




#61
 1,2-Dibromoethane
 Concen: 18.467 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

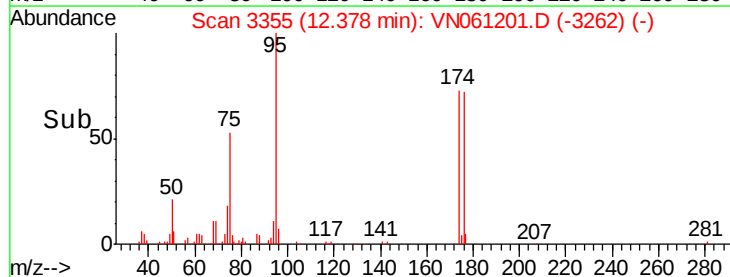
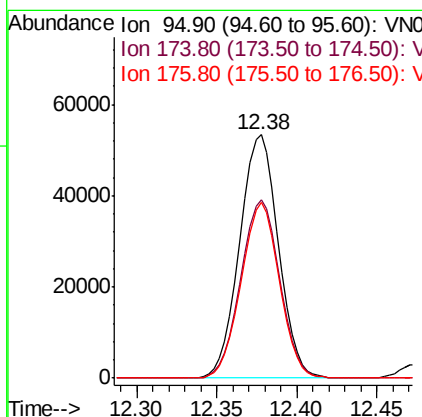
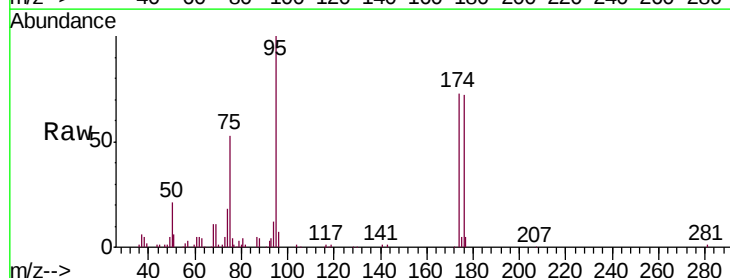
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

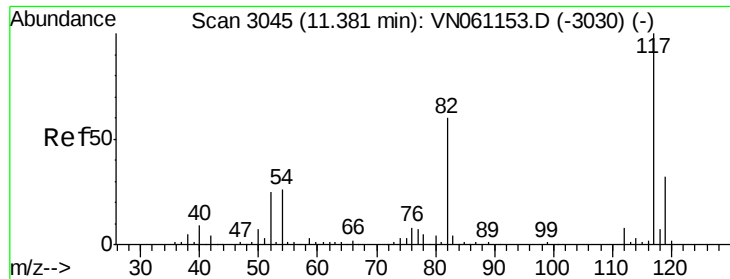
Tgt Ion: 107 Resp: 25516
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.493 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion: 95 Resp: 88124
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 149.4
 176 71.2 0.0 144.8

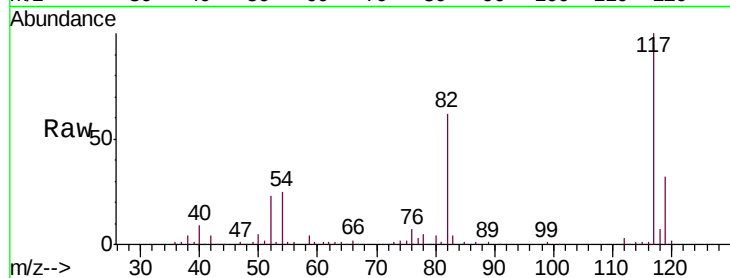




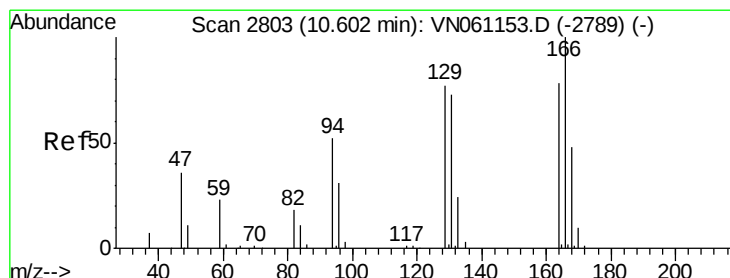
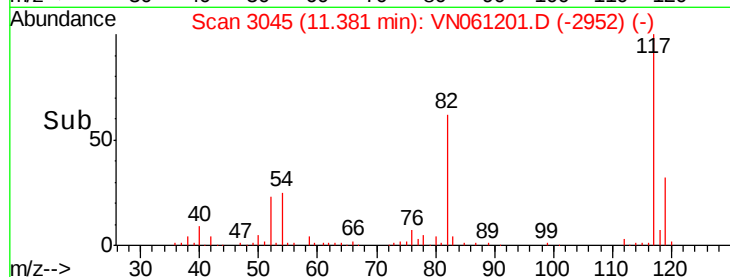
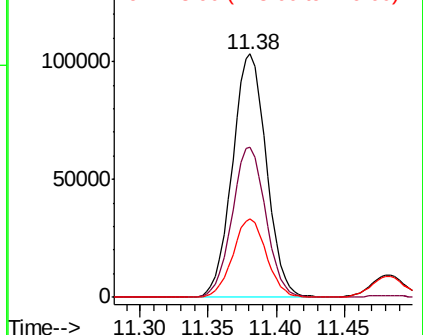
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0430WBS01

Tgt Ion:117 Resp: 178789
Ion Ratio Lower Upper
117 100
82 61.9 47.8 71.8
119 32.2 25.8 38.6

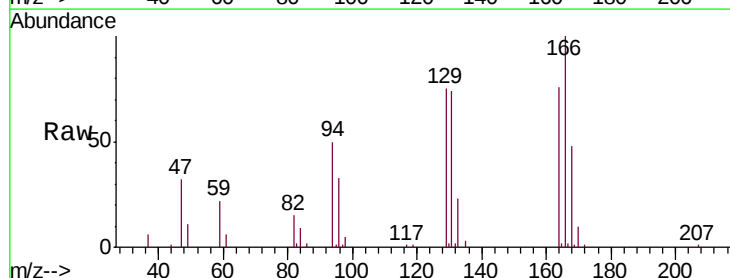


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

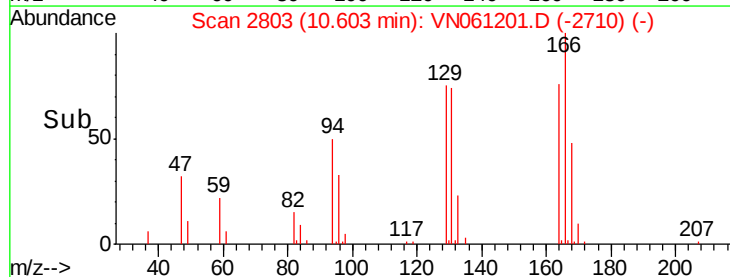
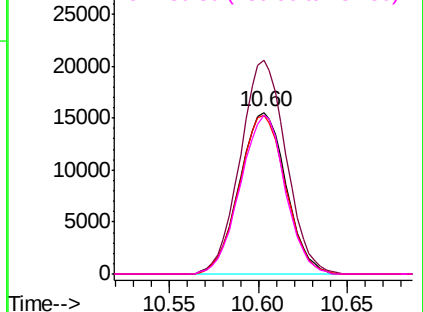


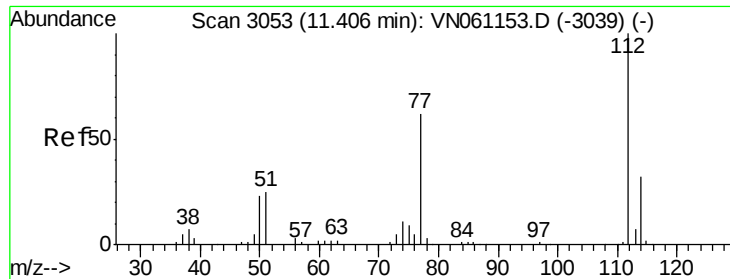
#64
Tetrachloroethene
Concen: 18.268 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion:164 Resp: 28288
Ion Ratio Lower Upper
164 100
166 132.0 102.0 153.0
129 98.4 78.2 117.2
131 97.8 74.5 111.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

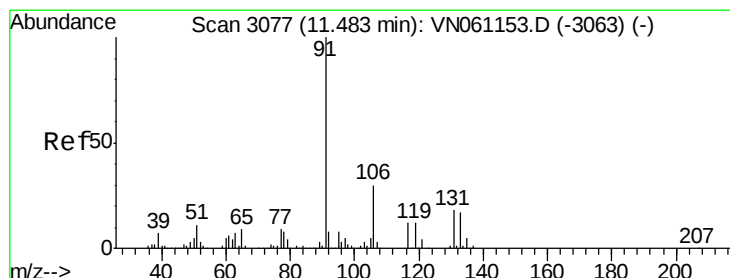
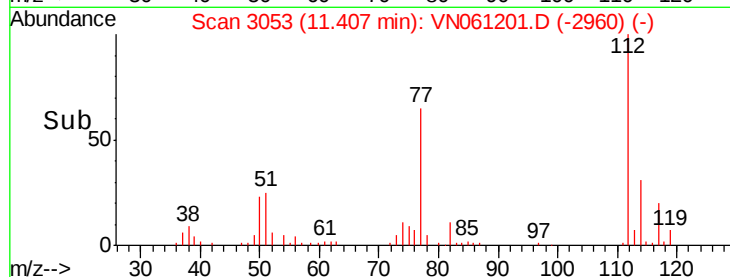
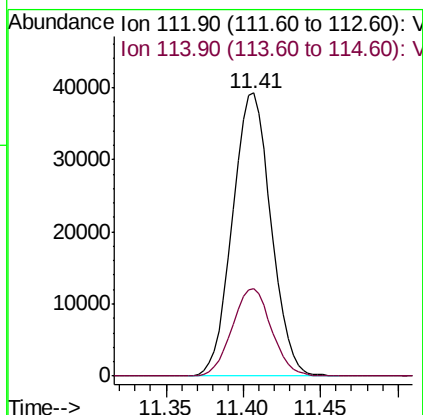
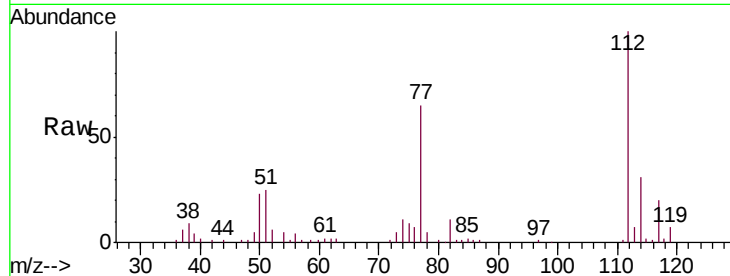




#65
Chlorobenzene
Concen: 19.108 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

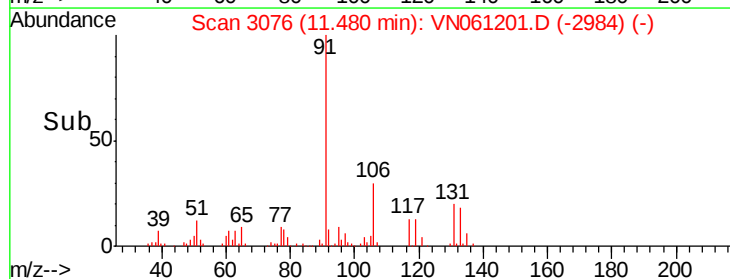
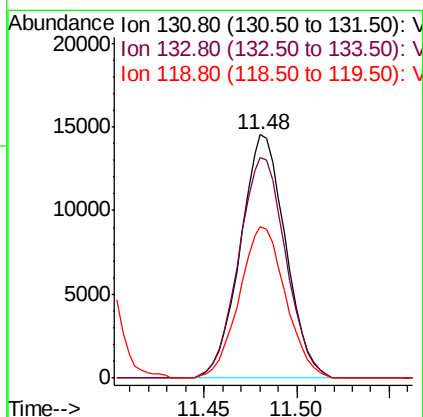
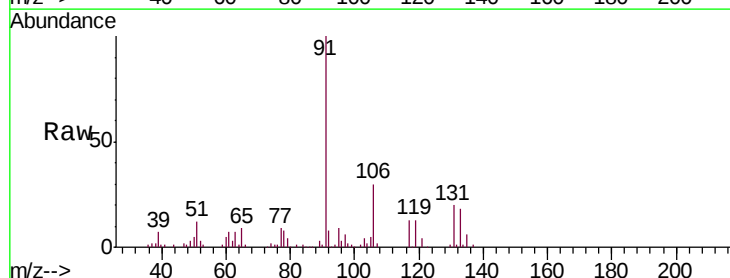
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion:112 Resp: 67768
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.432 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion:131 Resp: 24666
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 63.6 32.6 97.8

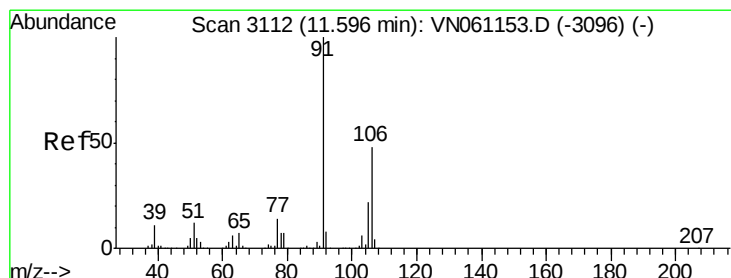
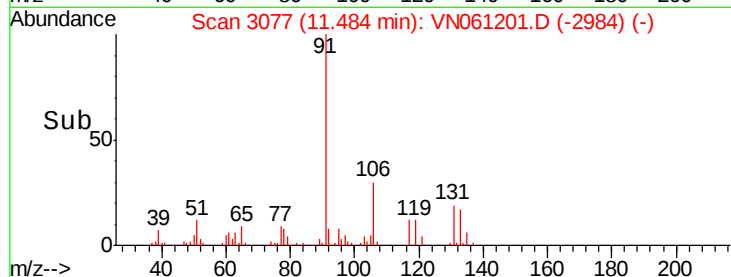
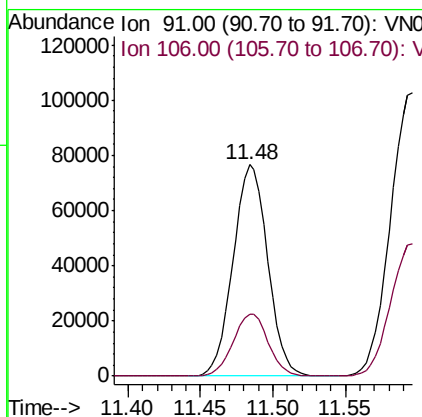
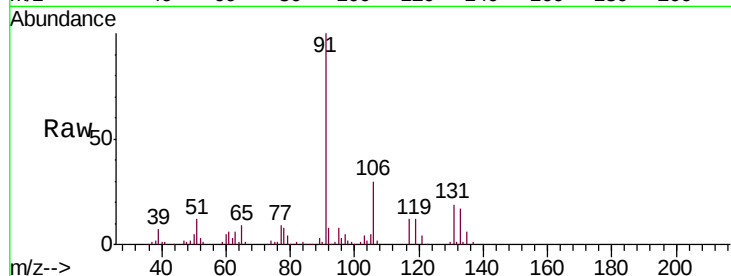




#67
Ethyl Benzene
Concen: 19.126 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

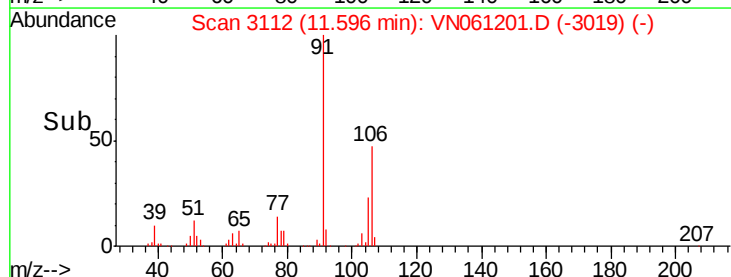
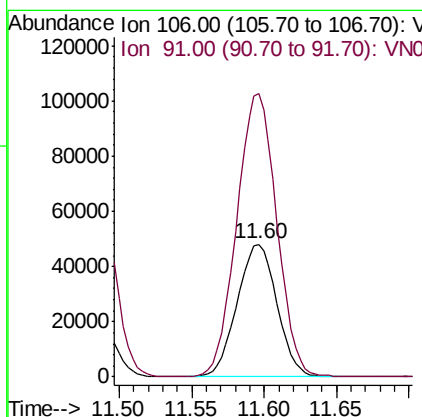
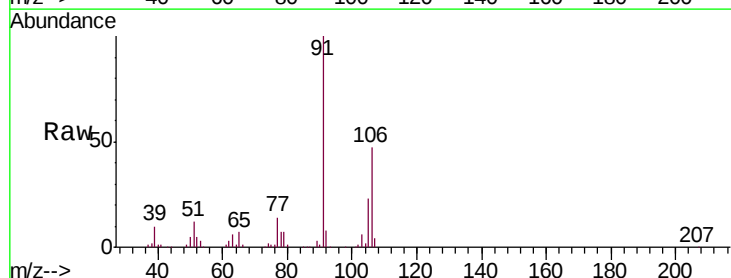
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion: 91 Resp: 126982
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6



#68
m/p-Xylenes
Concen: 37.834 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 106 Resp: 91941
Ion Ratio Lower Upper
106 100
91 214.7 166.4 249.6

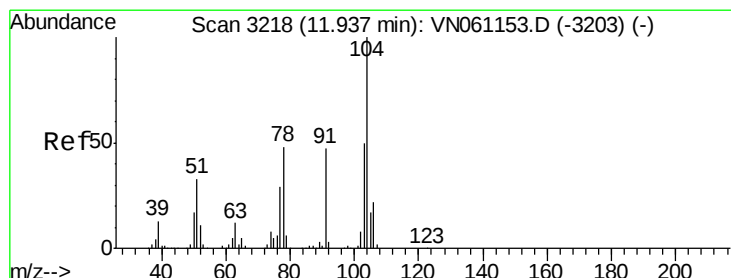
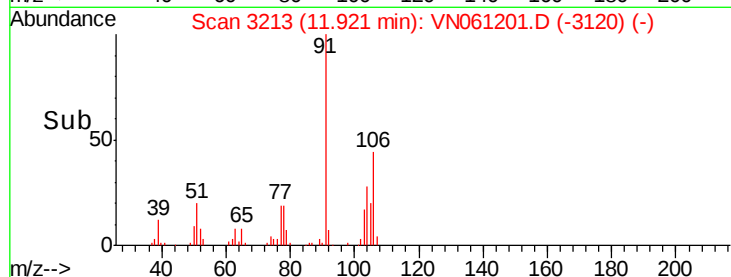
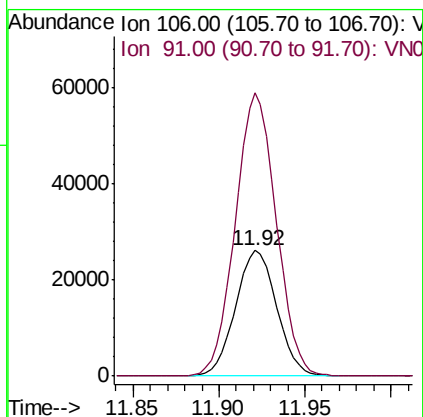
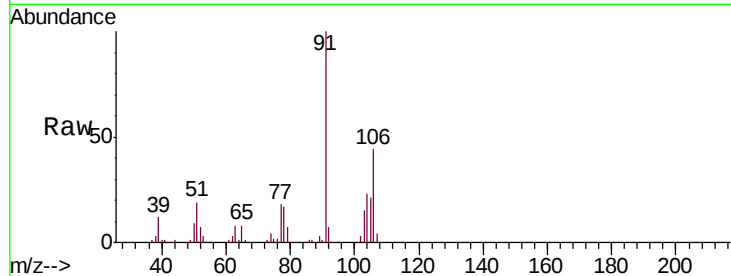




#69
o-Xylene
Concen: 18.657 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

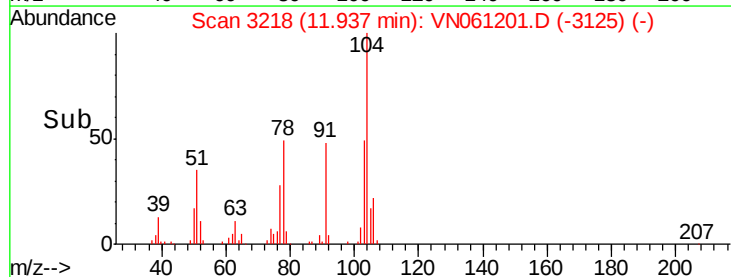
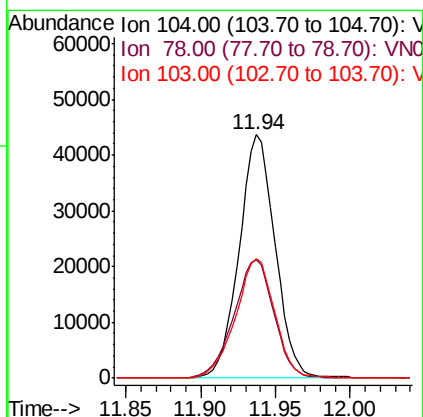
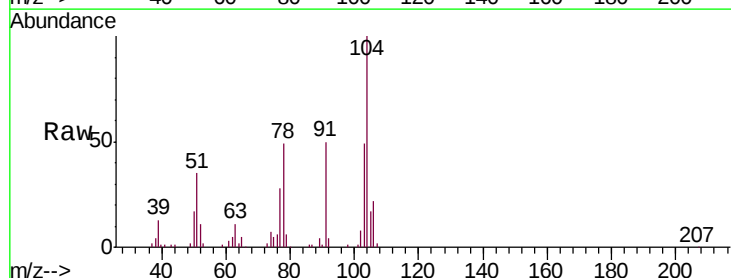
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

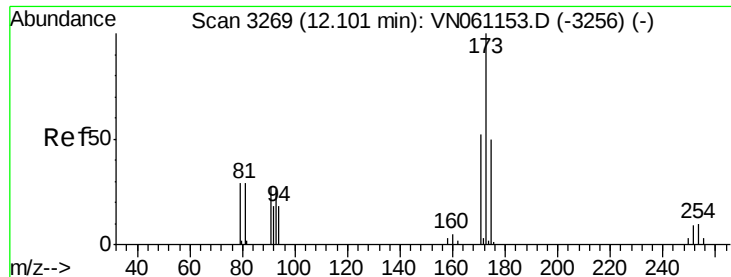
Tgt Ion:106 Resp: 43551
Ion Ratio Lower Upper
106 100
91 223.4 109.7 329.0



#70
Styrene
Concen: 18.733 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion:104 Resp: 73189
Ion Ratio Lower Upper
104 100
78 53.8 42.1 63.1
103 53.3 43.3 64.9

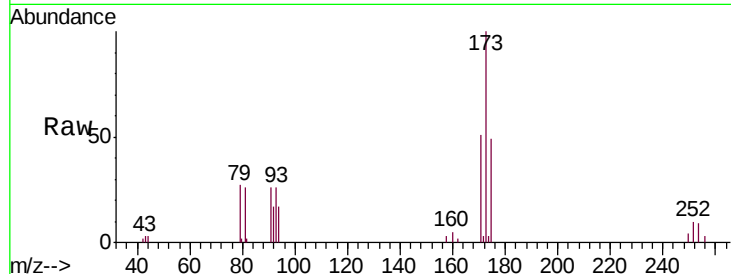




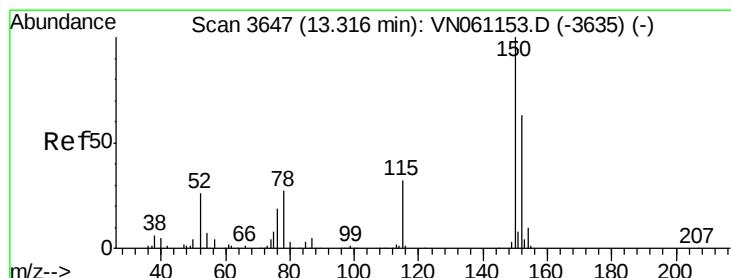
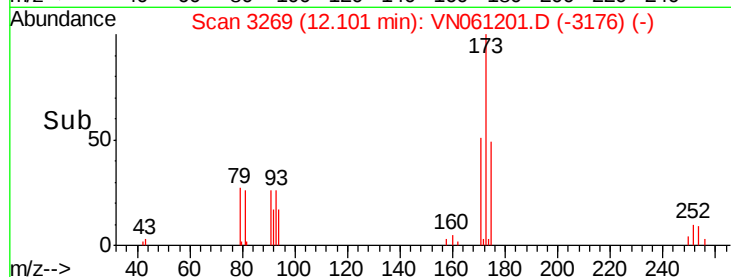
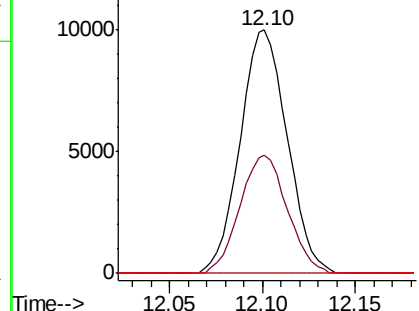
#71
 Bromoform
 Concen: 18.859 ug/l
 RT: 12.10 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBS01

Tgt Ion:173 Resp: 17594
 Ion Ratio Lower Upper
 173 100
 175 48.8 24.1 72.4
 254 0.0 0.0 0.0

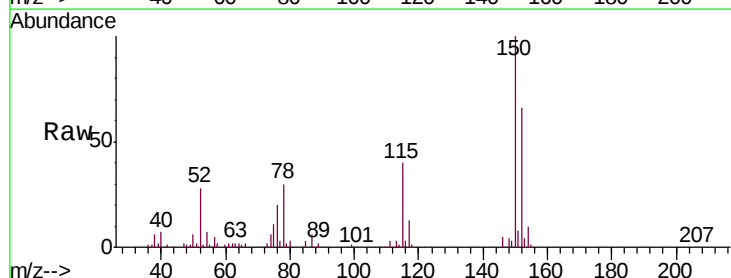


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

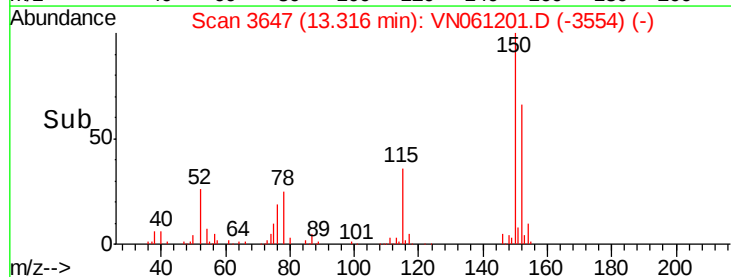
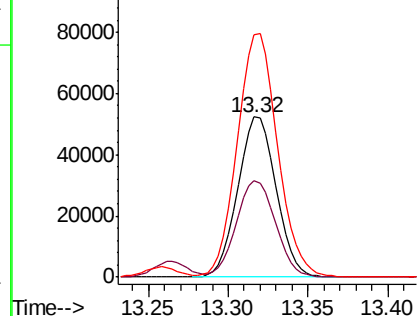


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3647
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion:152 Resp: 85196
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.0 93.0
 150 160.3 0.0 351.8



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: 19.133 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

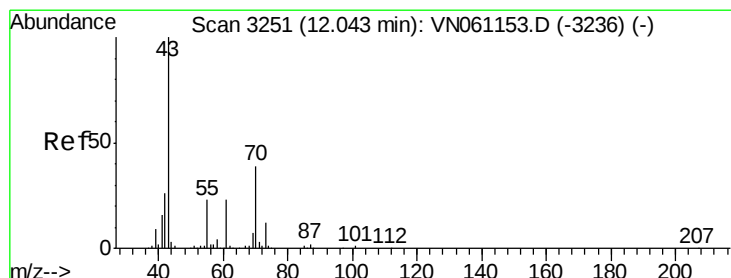
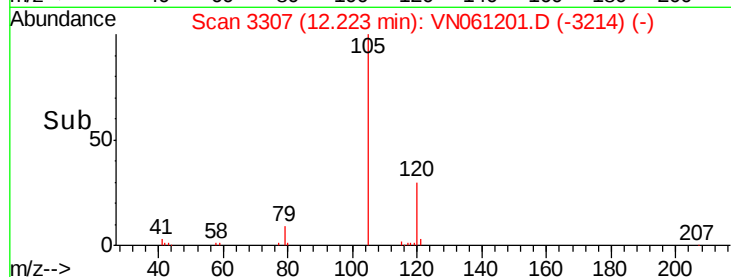
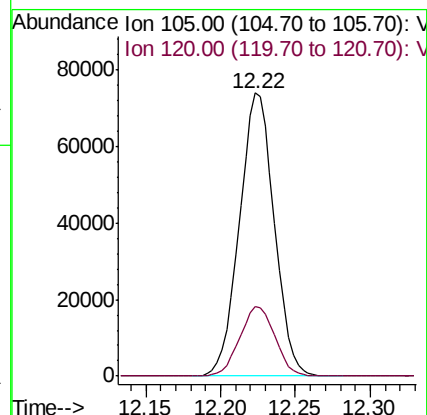
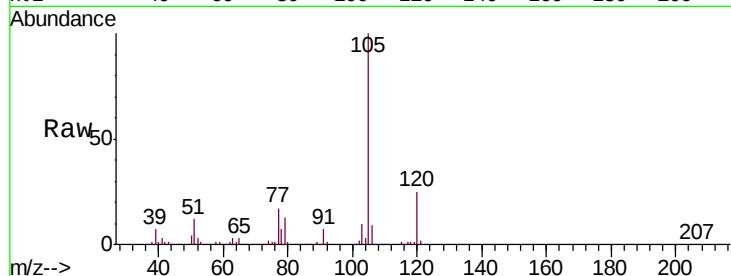
VN0430WBS01

Tgt Ion: 105 Resp: 119834

Ion Ratio Lower Upper

105 100

120 24.9 12.6 37.8



#74

N-ethyl acetate

Concen: 18.490 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Tgt Ion: 43 Resp: 58642

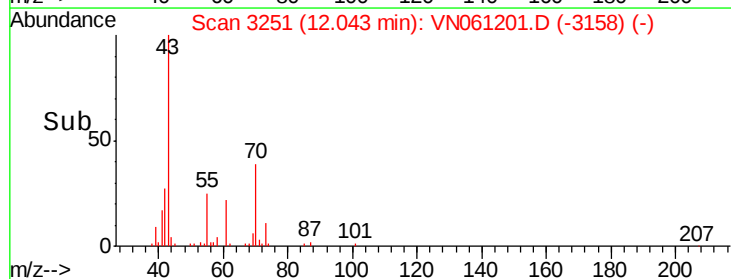
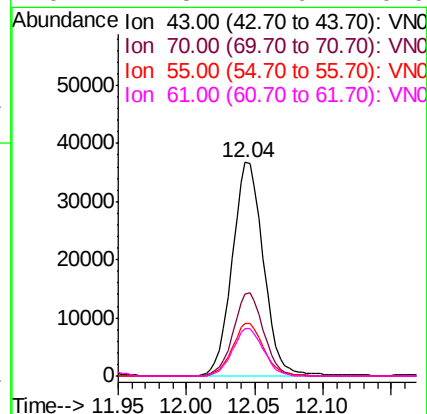
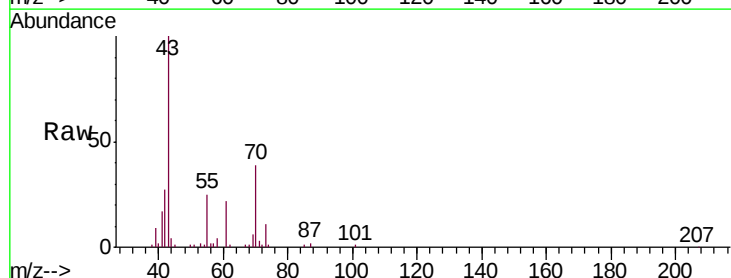
Ion Ratio Lower Upper

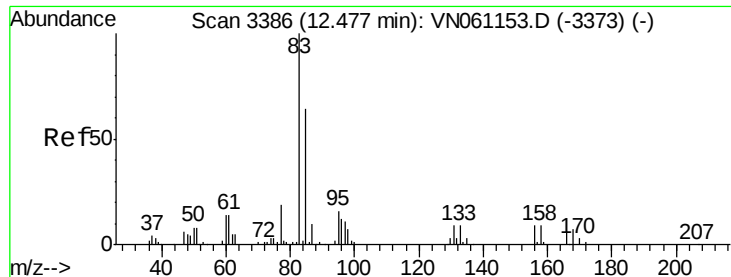
43 100

70 37.7 30.6 46.0

55 24.6 18.5 27.7

61 21.8 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.541 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

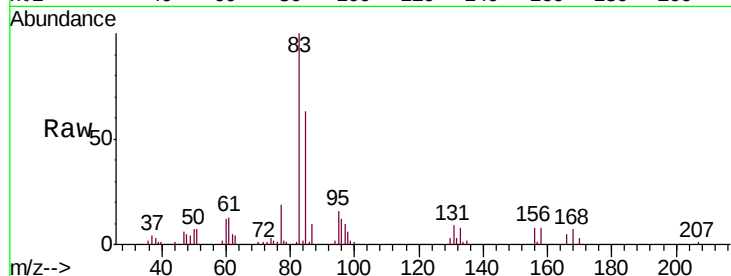
Tgt Ion: 83 Resp: 38163

Ion Ratio Lower Upper

83 100

131 8.9 4.8 14.3

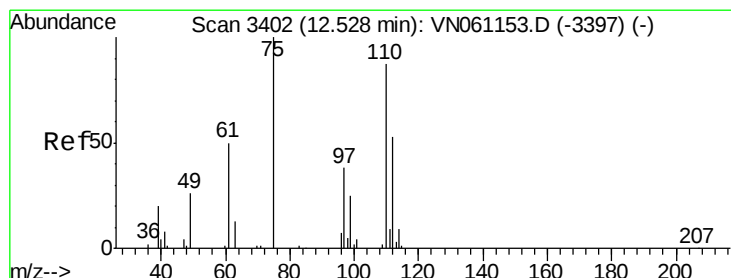
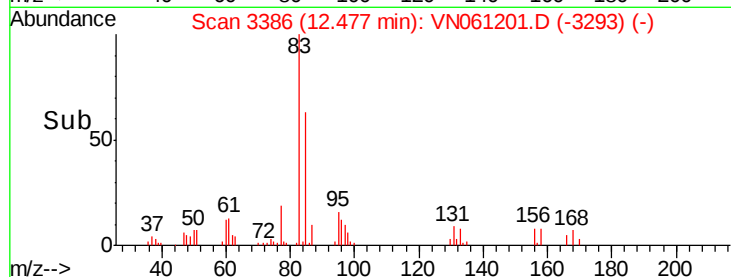
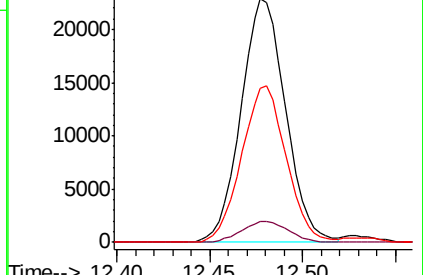
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)



#76

1,2,3-Trichloropropane

Concen: 28.809 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061201.D

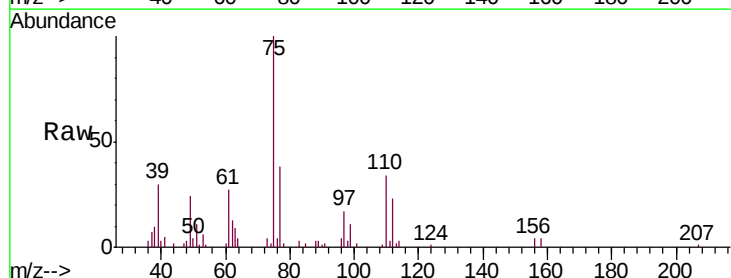
Acq: 30 Apr 2020 14:58

Tgt Ion: 75 Resp: 51746

Ion Ratio Lower Upper

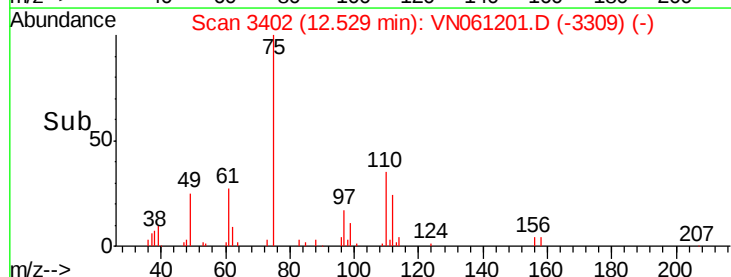
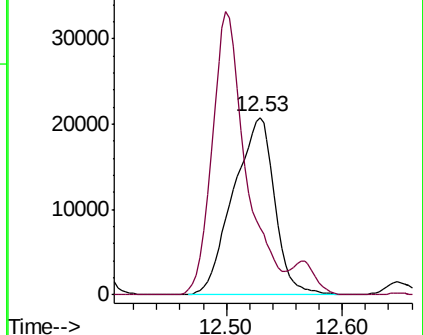
75 100

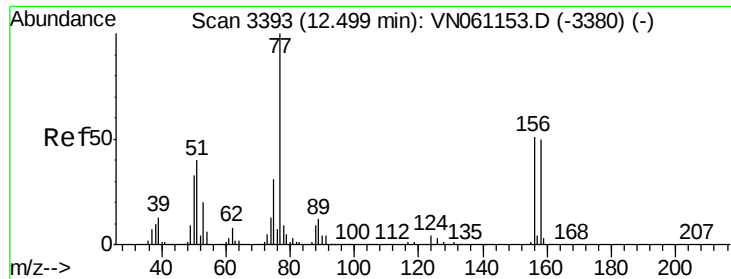
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)





#77

Bromobenzene

Concen: 19.245 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0430WBS01

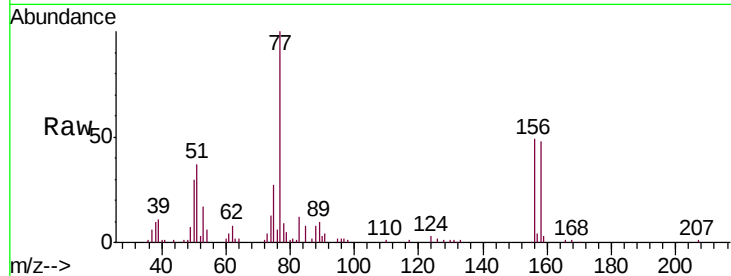
Tgt Ion:156 Resp: 27825

Ion Ratio Lower Upper

156 100

77 241.6 117.4 352.2

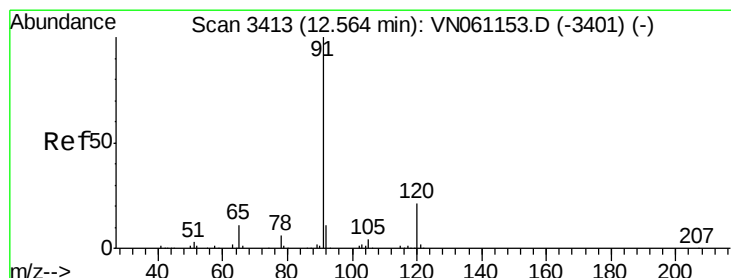
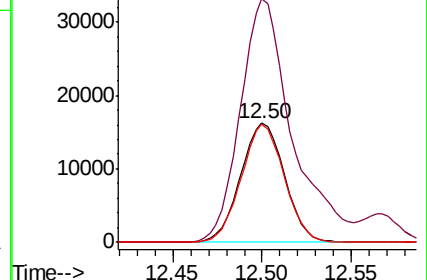
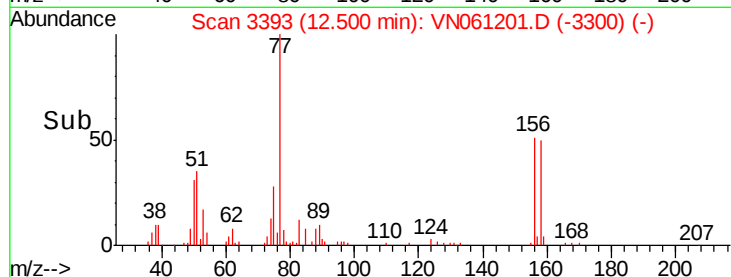
158 96.8 48.4 145.0



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: 19.451 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061201.D

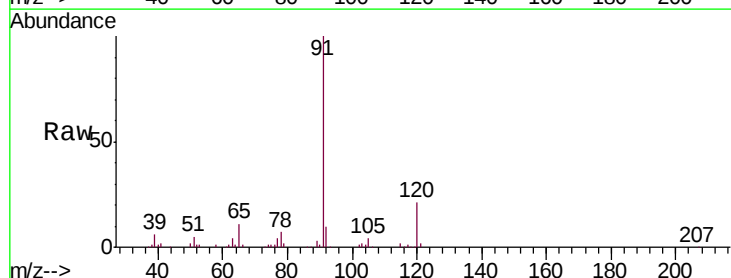
Acq: 30 Apr 2020 14:58

Tgt Ion: 91 Resp: 144500

Ion Ratio Lower Upper

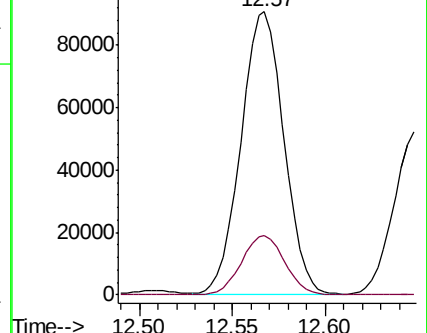
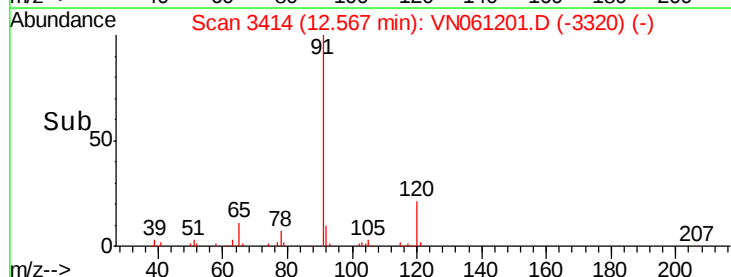
91 100

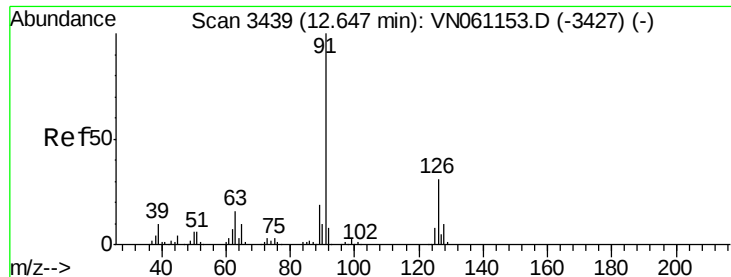
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.601 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

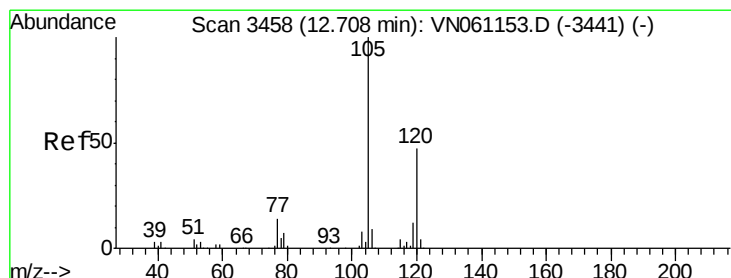
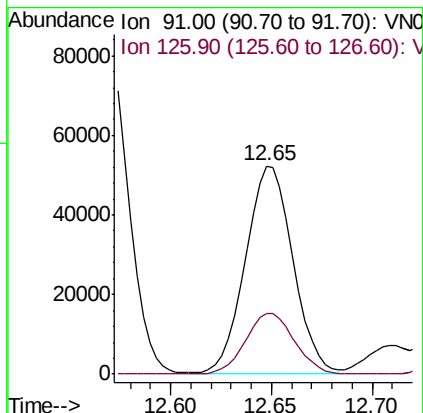
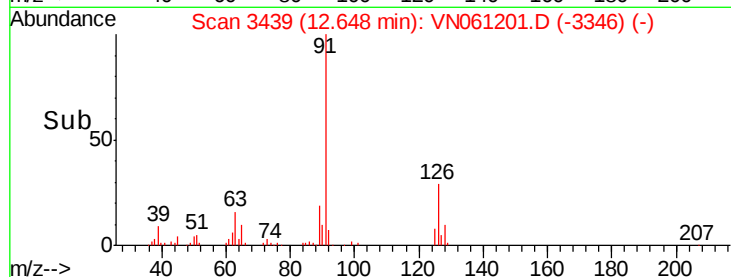
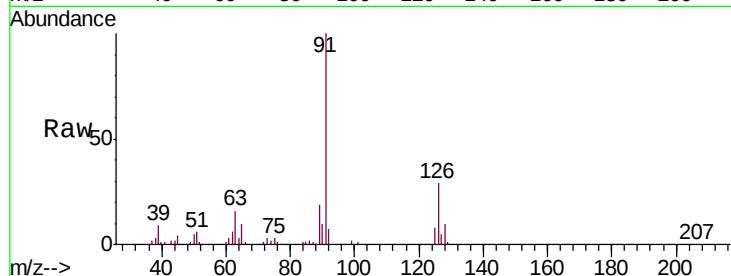
VN0430WBS01

Tgt Ion: 91 Resp: 85587

Ion Ratio Lower Upper

91 100

126 30.1 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 19.464 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061201.D

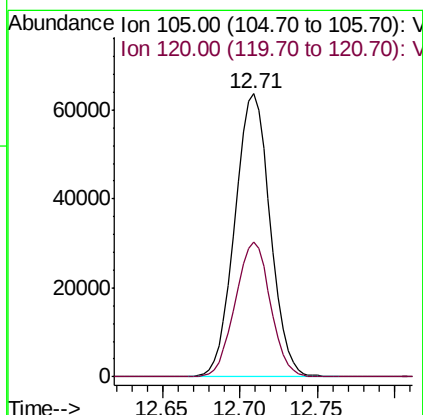
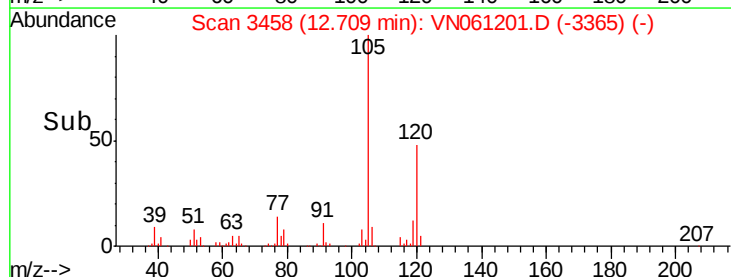
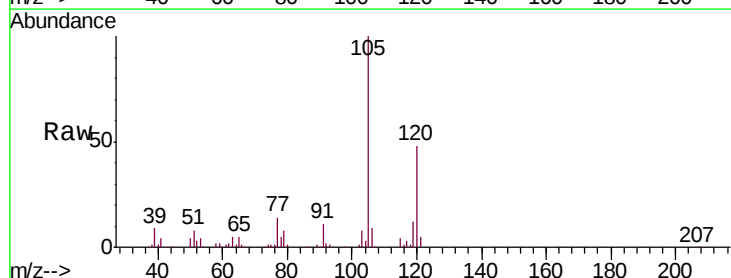
Acq: 30 Apr 2020 14:58

Tgt Ion: 105 Resp: 100895

Ion Ratio Lower Upper

105 100

120 47.3 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.992 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

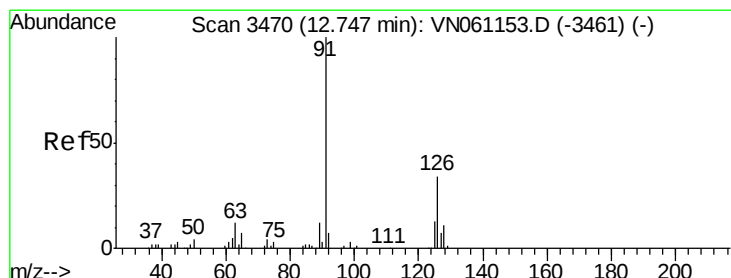
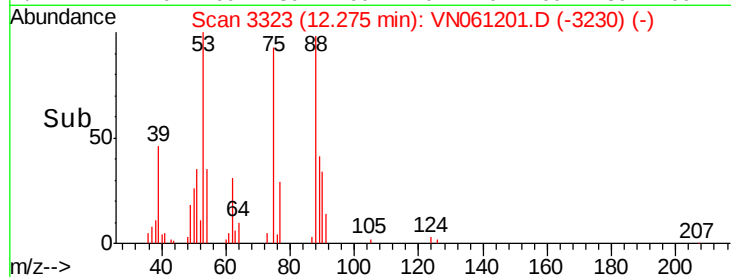
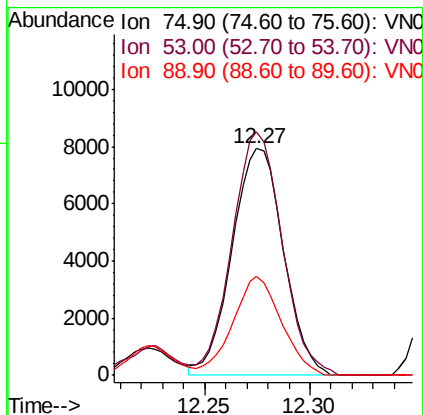
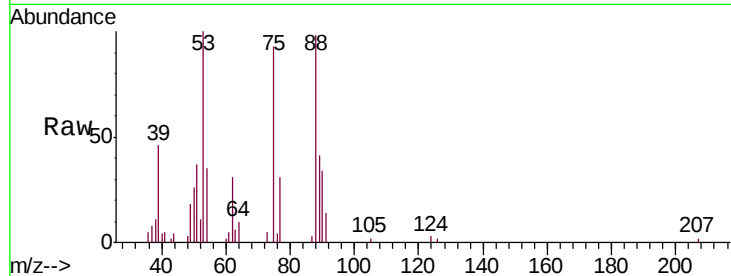
Tgt Ion: 75 Resp: 13433

Ion Ratio Lower Upper

75 100

53 104.6 84.1 126.1

89 41.2 35.2 52.8



#82

4-Chlorotoluene

Concen: 19.684 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061201.D

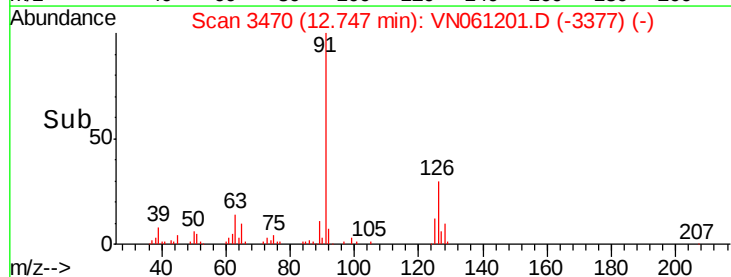
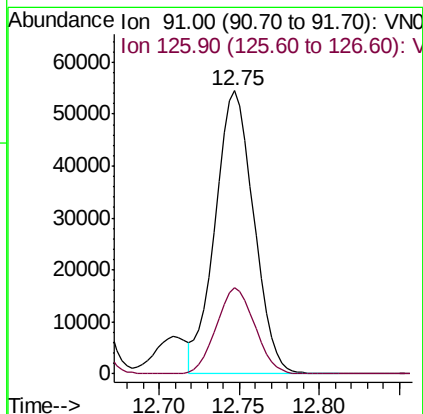
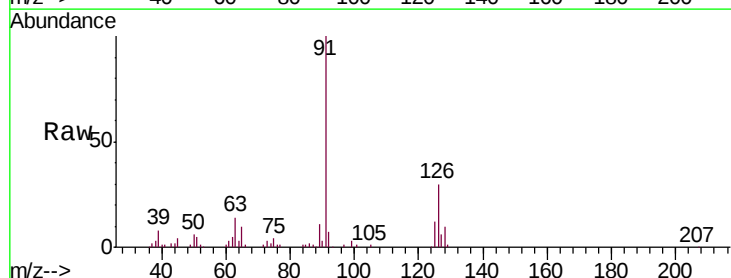
Acq: 30 Apr 2020 14:58

Tgt Ion: 91 Resp: 90587

Ion Ratio Lower Upper

91 100

126 30.1 15.7 47.1

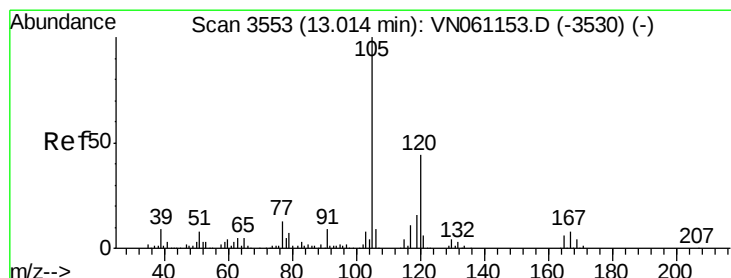
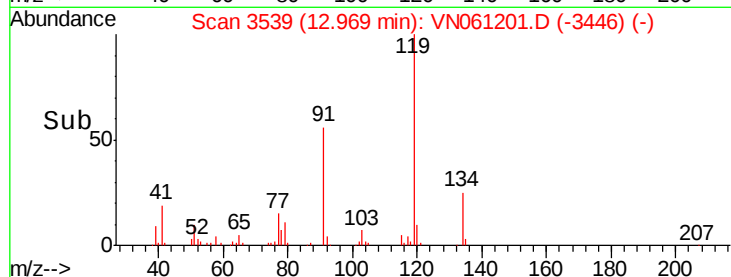
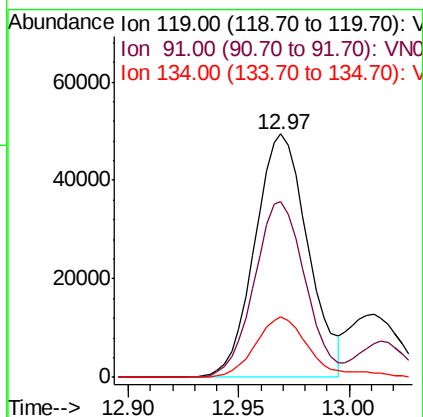
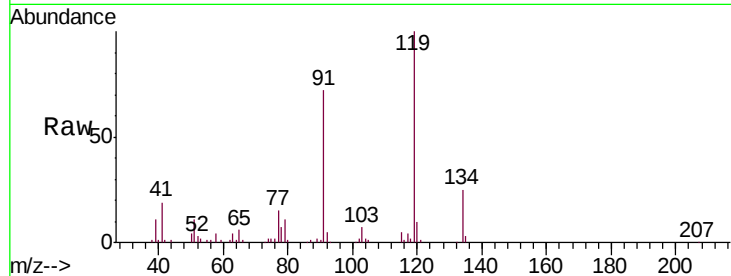




#83
 tert-Butylbenzene
 Concen: 18.806 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

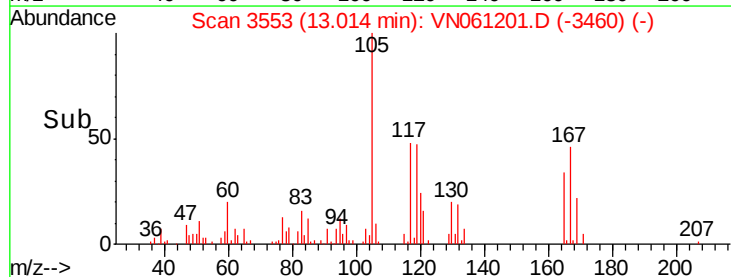
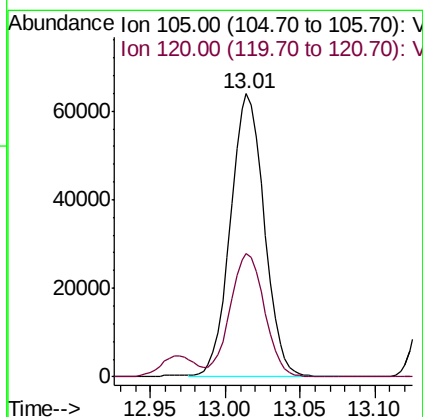
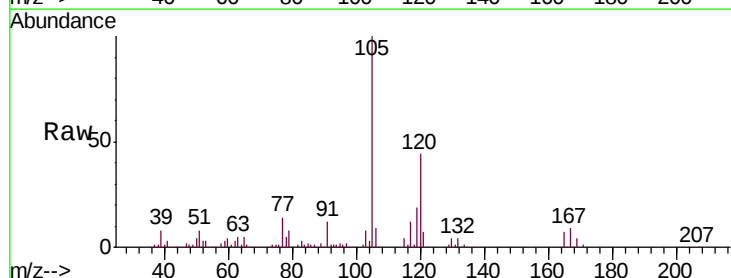
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

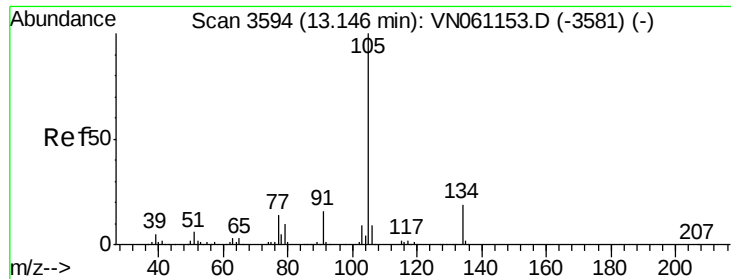
Tgt Ion:119 Resp: 82199
 Ion Ratio Lower Upper
 119 100
 91 70.1 34.8 104.4
 134 25.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.873 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion:105 Resp: 100793
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6

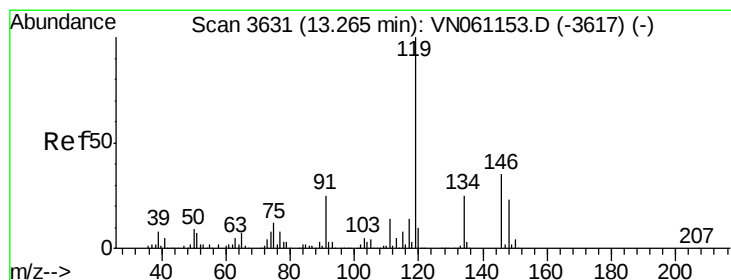
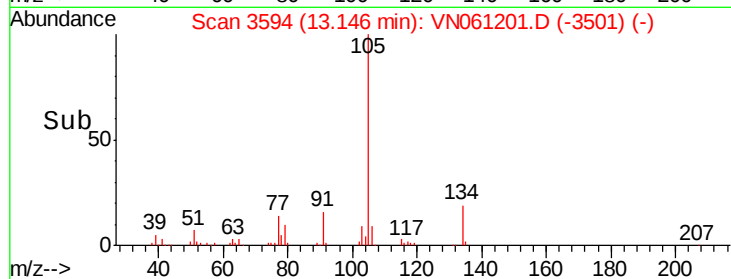
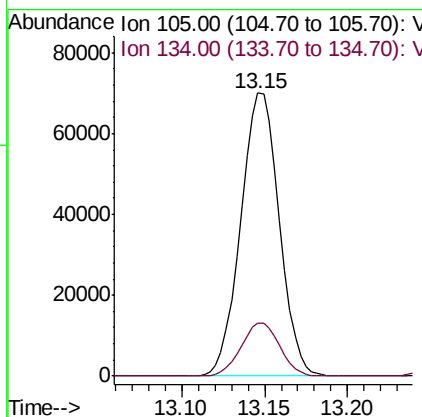
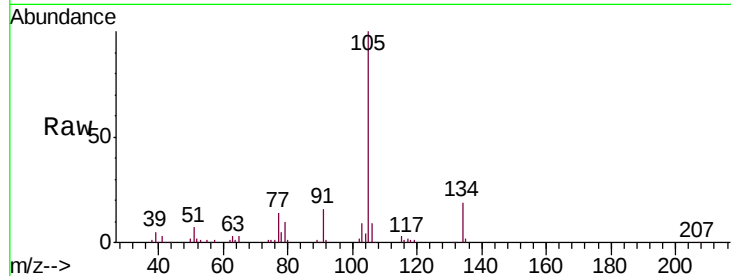




#85
 sec-Butylbenzene
 Concen: 18.966 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

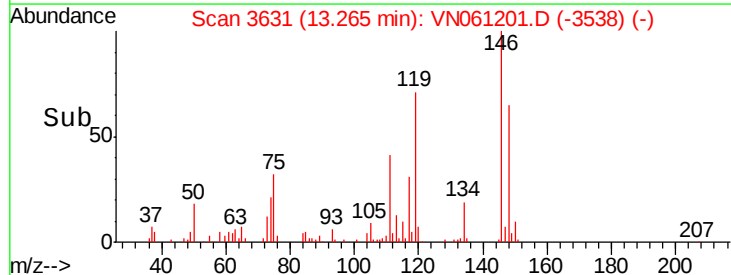
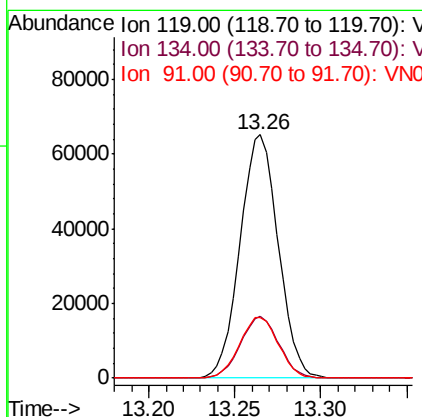
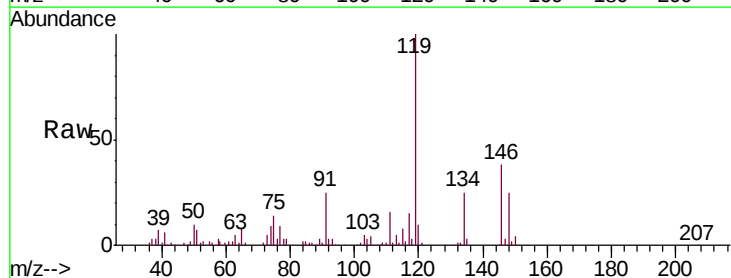
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Tgt Ion:105 Resp: 113024
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 18.789 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion:119 Resp: 100881
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.6
 91 25.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.257 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

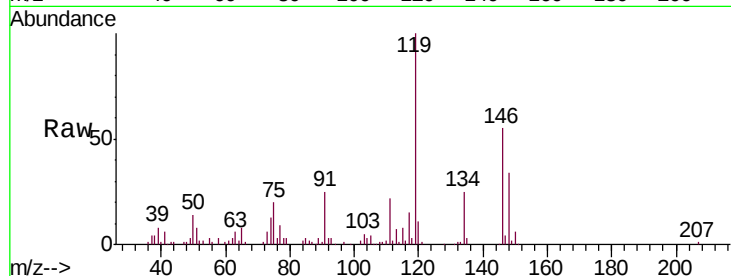
Tgt Ion:146 Resp: 51256

Ion Ratio Lower Upper

146 100

111 41.5 20.7 62.1

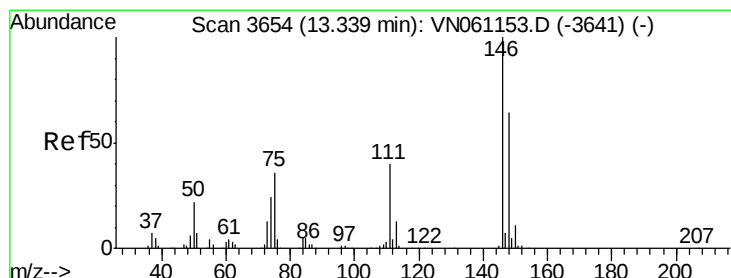
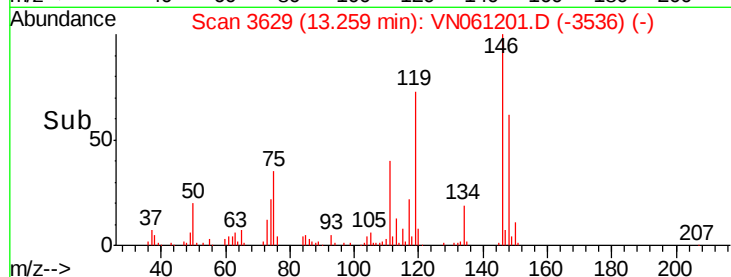
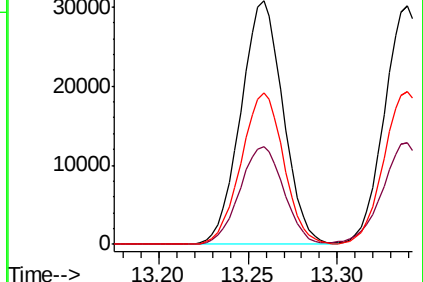
148 62.3 31.8 95.3



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: 18.351 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

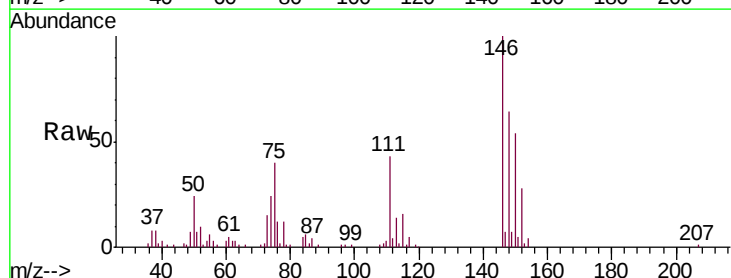
Tgt Ion:146 Resp: 49906

Ion Ratio Lower Upper

146 100

111 43.8 20.4 61.3

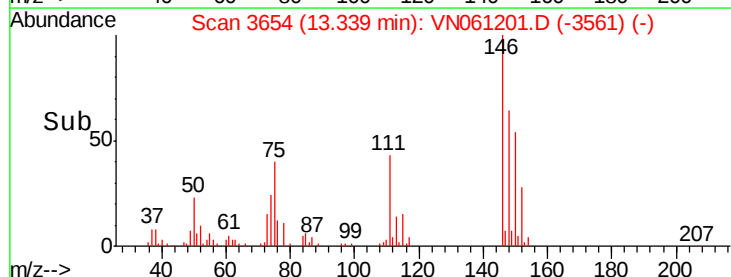
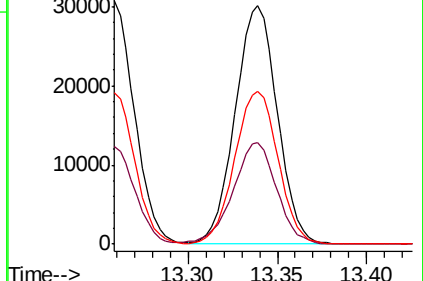
148 65.8 31.9 95.7

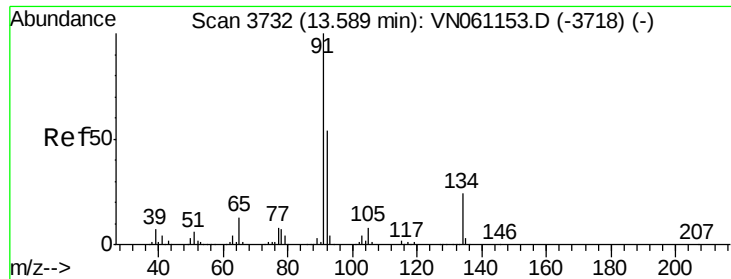


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

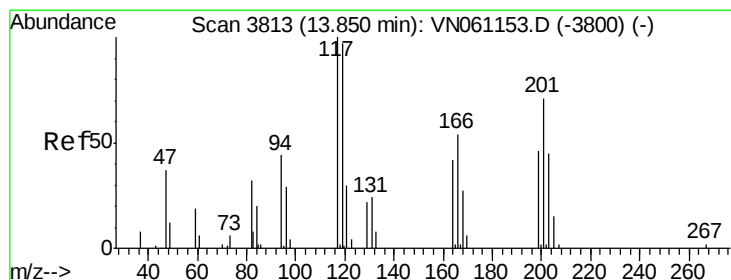
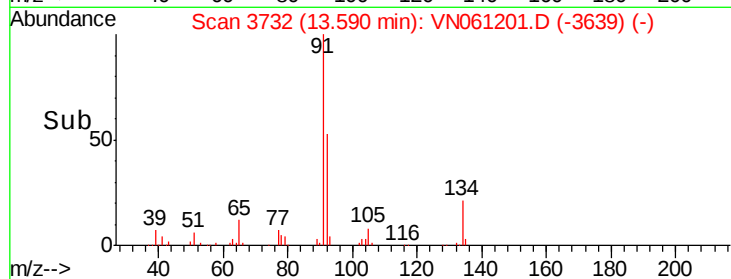
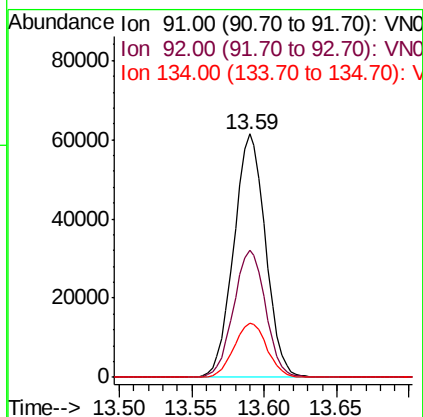
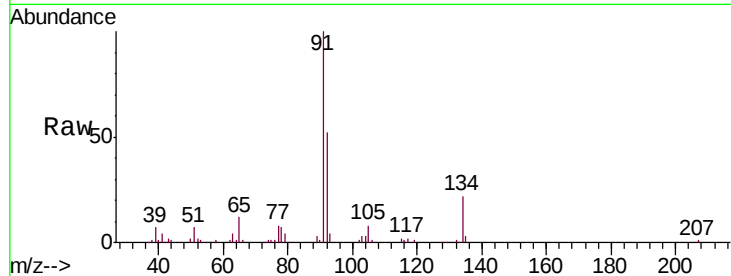




#89
n-Butylbenzene
Concen: 18.985 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

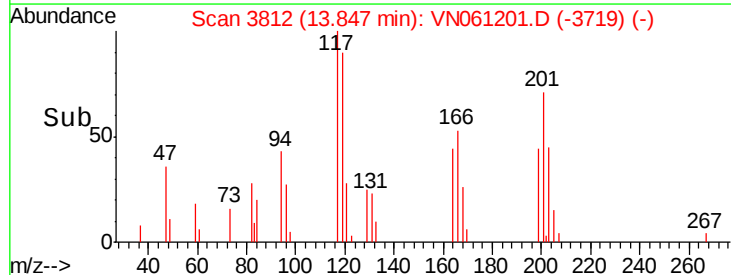
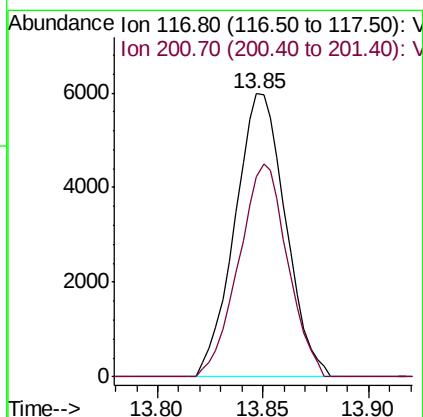
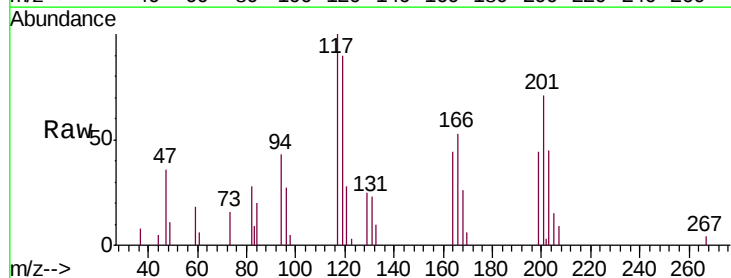
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

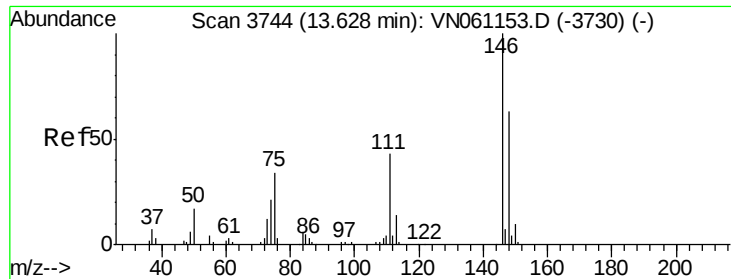
Tgt Ion: 91 Resp: 93449
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.3
134 22.9 11.9 35.5



#90
Hexachloroethane
Concen: 22.737 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion: 117 Resp: 9986
Ion Ratio Lower Upper
117 100
201 72.4 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 18.961 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBS01

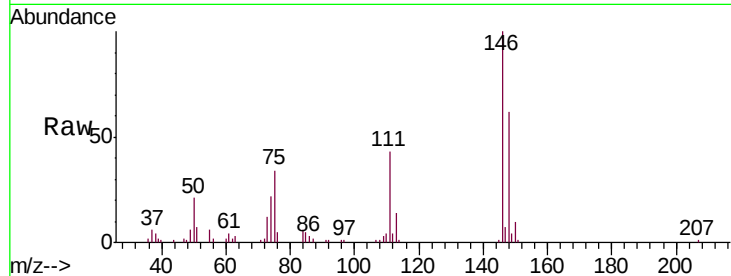
Tgt Ion:146 Resp: 48391

Ion Ratio Lower Upper

146 100

111 43.6 21.8 65.3

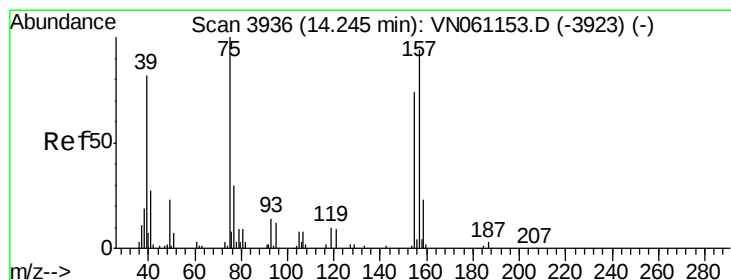
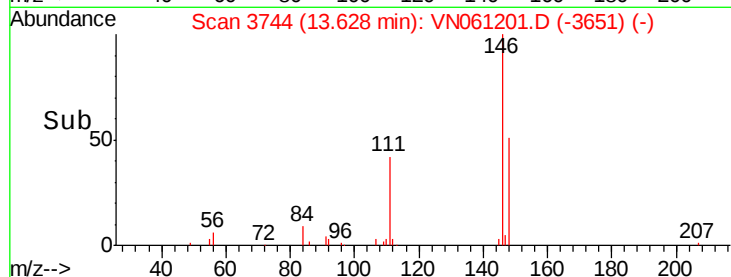
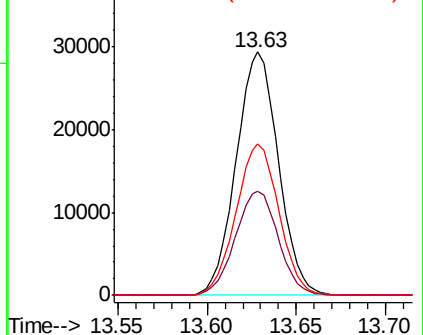
148 63.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.586 ug/l

RT: 14.24 min Scan# 3935

Delta R.T. -0.00 min

Lab File: VN061201.D

Acq: 30 Apr 2020 14:58

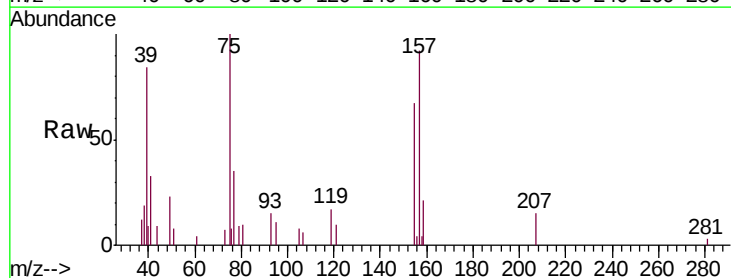
Tgt Ion: 75 Resp: 7666

Ion Ratio Lower Upper

75 100

155 66.8 36.5 109.7

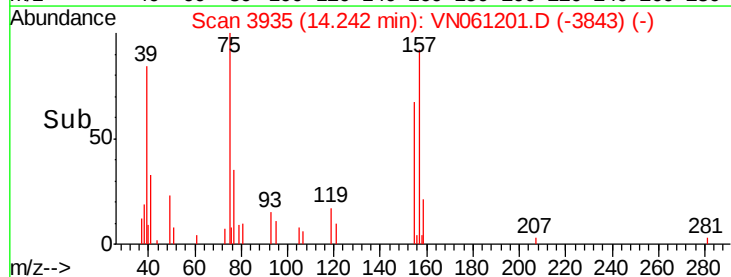
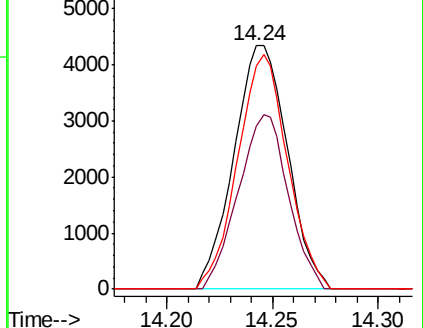
157 89.9 46.6 139.7

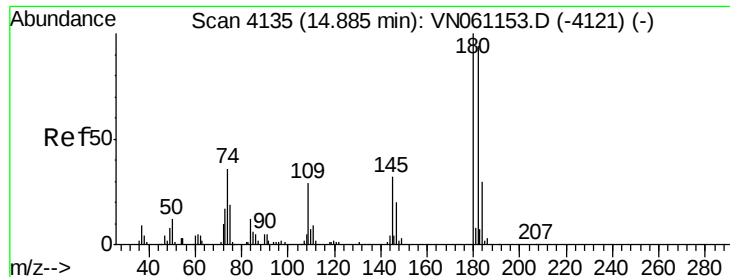


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

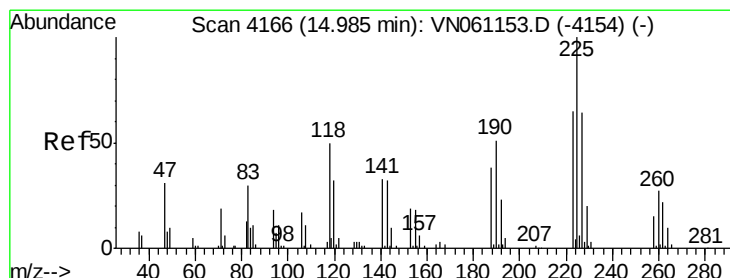
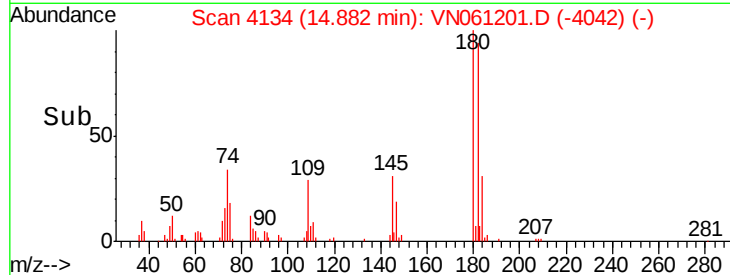
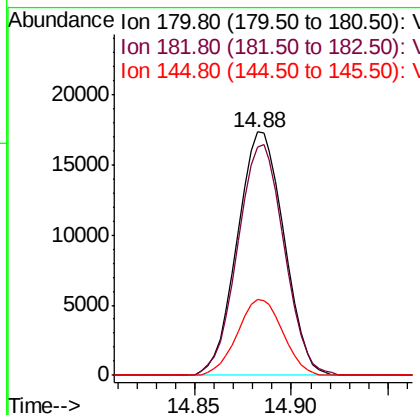
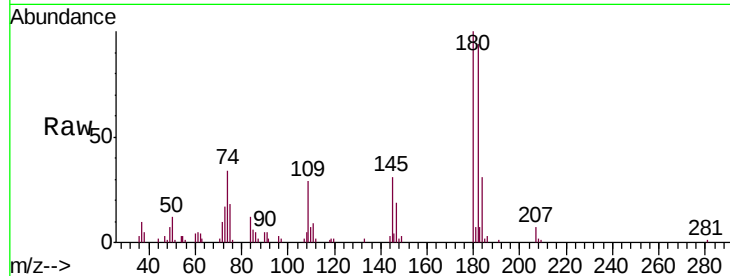




#93
 1,2,4-Trichlorobenzene
 Concen: 18.727 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

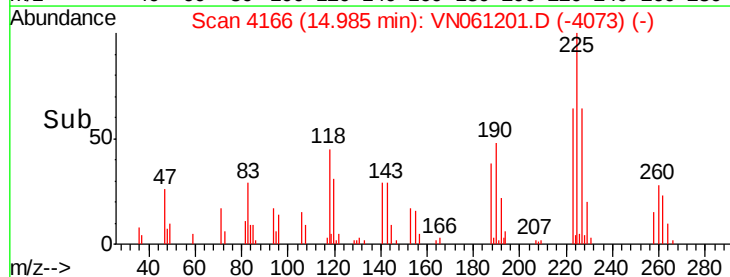
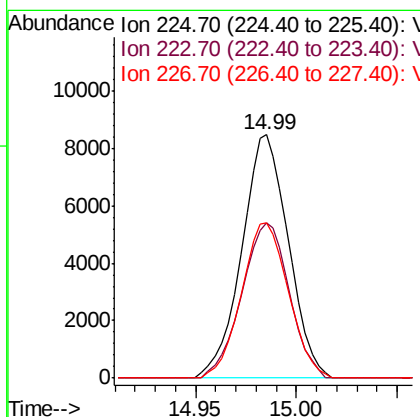
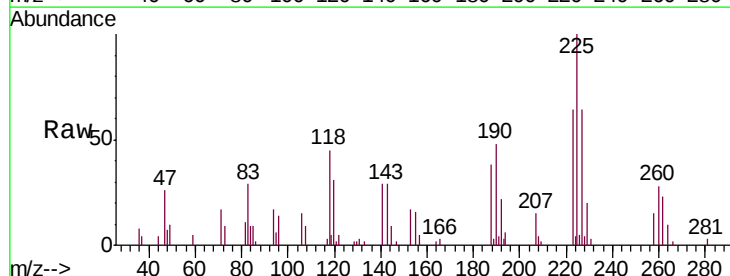
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

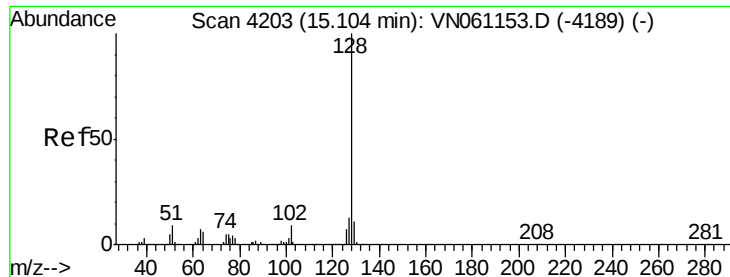
Tgt Ion:180 Resp: 29104
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 141.9
 145 30.3 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.068 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061201.D
 Acq: 30 Apr 2020 14:58

Tgt Ion:225 Resp: 13678
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.4 97.0
 227 64.5 32.4 97.0

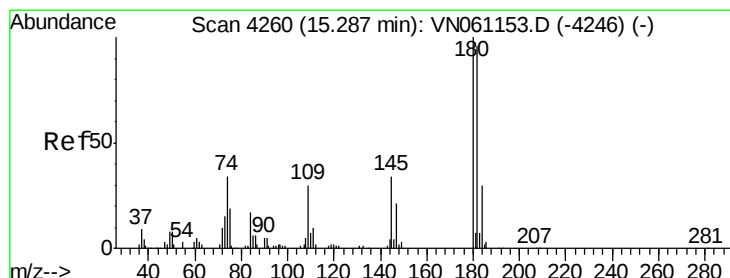
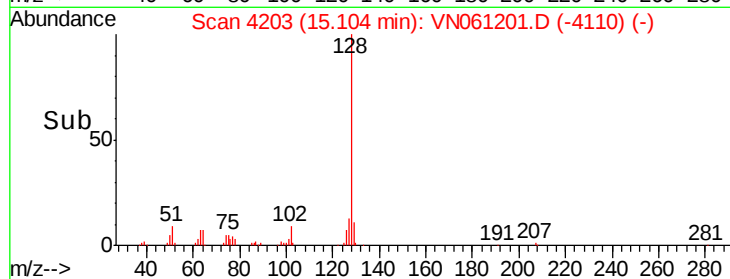
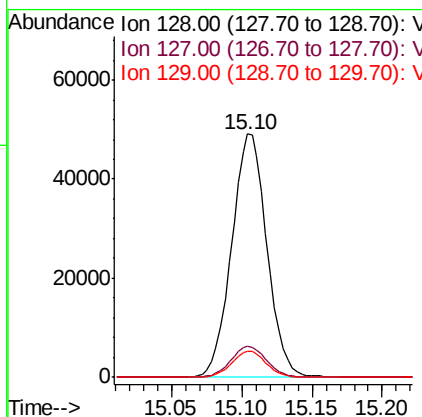
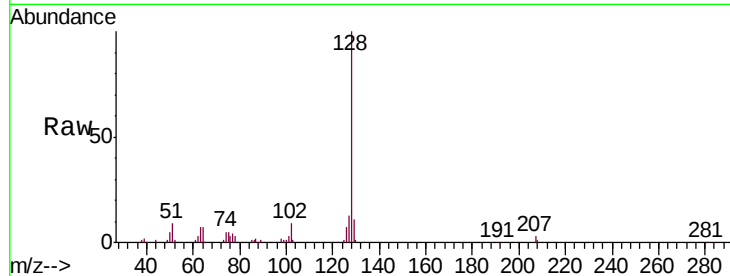




#95
Naphthalene
Concen: 16.979 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Tgt Ion:128 Resp: 85933
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.710 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061201.D
Acq: 30 Apr 2020 14:58

Tgt Ion:180 Resp: 28708
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 33.5 16.9 50.7

