

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061382.D
 Acq On : 11 May 2020 12:02
 Operator : JC/MD
 Sample : VN0511WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 12 02:12:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	106092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	164829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86652	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.55	113	53671	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.06	98	228848	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.37	95	84218	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	20020	17.795	ug/l	97
3) Chloromethane	2.03	50	27916	20.488	ug/l	98
4) Vinyl Chloride	2.16	62	30099	19.449	ug/l	100
5) Bromomethane	2.54	94	13026	17.028	ug/l	99
6) Chloroethane	2.67	64	18412	18.770	ug/l	100
7) Trichlorofluoromethane	2.98	101	38937	22.301	ug/l	97
8) Diethyl Ether	3.37	74	16036	22.019	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	23374	20.780	ug/l	100
10) Methyl Iodide	3.91	142	22909	15.848	ug/l	98
11) Tert butyl alcohol	4.72	59	21296	94.701	ug/l	97
12) 1,1-Dichloroethene	3.69	96	21410	19.127	ug/l	100
13) Acrolein	3.56	56	9409	62.786	ug/l	100
14) Allyl chloride	4.27	41	46502	22.405	ug/l	97
15) Acrylonitrile	4.92	53	68889	99.795	ug/l	99
16) Acetone	3.77	43	65573	97.633	ug/l	96
17) Carbon Disulfide	4.00	76	52502	16.980	ug/l	100
18) Methyl Acetate	4.27	43	37468	18.120	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	83768	19.585	ug/l	99
20) Methylene Chloride	4.50	84	25930	19.809	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	24017	19.704	ug/l	95
22) Diisopropyl ether	5.90	45	100932	20.971	ug/l	99
23) Vinyl Acetate	5.84	43	378852	97.762	ug/l	100
24) 1,1-Dichloroethane	5.79	63	51509	20.484	ug/l	99
25) 2-Butanone	6.78	43	93857	94.486	ug/l	99
26) 2,2-Dichloropropane	6.77	77	44730	21.118	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	27586	19.286	ug/l	97
28) Bromochloromethane	7.15	49	27432	23.016	ug/l	97
29) Tetrahydrofuran	7.16	42	63337	94.655	ug/l	99
30) Chloroform	7.33	83	50473	19.806	ug/l	99
31) Cyclohexane	7.61	56	41798	17.116	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	43060	19.405	ug/l	99
36) 1,1-Dichloropropene	7.75	75	35533	20.202	ug/l	99
37) Ethyl Acetate	6.88	43	42216	20.474	ug/l	99
38) Carbon Tetrachloride	7.73	117	32243	21.460	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	33847	17.160	ug/l	98
40) Benzene	8.00	78	107108	20.440	ug/l	100
41) Methacrylonitrile	7.16	41	59594	69.609	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	42756	21.538	ug/l	98
43) Isopropyl Acetate	8.12	43	67192	19.635	ug/l	99
44) Trichloroethene	8.80	130	26686	18.839	ug/l	97
45) 1,2-Dichloropropane	9.08	63	29986	21.420	ug/l	99
46) Dibromomethane	9.17	93	18223	21.024	ug/l	98
47) Bromodichloromethane	9.37	83	39858	21.423	ug/l	98
48) Methyl methacrylate	9.17	41	30745	19.910	ug/l	98
49) 1,4-Dioxane	9.17	88	7045	401.914	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	203197	100.879	ug/l	100
52) Toluene	10.12	92	64809	20.534	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	41756	19.918	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	45384	20.478	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	25861	20.542	ug/l	97
56) Ethyl methacrylate	10.40	69	37354	18.826	ug/l	100
57) 1,3-Dichloropropane	10.68	76	45987	20.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	98414	96.575	ug/l	99
59) 2-Hexanone	10.72	43	142349	97.138	ug/l	98
60) Dibromochloromethane	10.87	129	27217	20.642	ug/l	97
61) 1,2-Dibromoethane	10.98	107	25918	20.540	ug/l	99
64) Tetrachloroethene	10.60	164	24891	17.436	ug/l	96
65) Chlorobenzene	11.41	112	66303	20.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	25326	21.642	ug/l	99
67) Ethyl Benzene	11.48	91	120759	19.729	ug/l	99
68) m/p-Xylenes	11.60	106	89209	39.819	ug/l	99
69) o-Xylene	11.92	106	41175	19.133	ug/l	97
70) Styrene	11.94	104	69010	19.160	ug/l	98
71) Bromoform	12.10	173	17651	20.523	ug/l #	100
73) Isopropylbenzene	12.22	105	114224	19.874	ug/l	100
74) N-amyl acetate	12.05	43	54078	18.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	37632	20.998	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	49955	30.308	ug/l #	100
77) Bromobenzene	12.50	156	26668	20.100	ug/l	97
78) n-propylbenzene	12.57	91	136114	19.966	ug/l	100
79) 2-Chlorotoluene	12.65	91	80861	20.180	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	96077	20.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	12585	19.390	ug/l	97
82) 4-Chlorotoluene	12.75	91	85753	20.305	ug/l	99
83) tert-Butylbenzene	12.97	119	76611	19.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	97948	19.986	ug/l	100
85) sec-Butylbenzene	13.15	105	104400	19.091	ug/l	99
86) p-Isopropyltoluene	13.26	119	92657	18.805	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	48590	19.894	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	48778	19.546	ug/l	99
89) n-Butylbenzene	13.59	91	83871	18.568	ug/l	98
90) Hexachloroethane	13.85	117	13194	29.383	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	46447	19.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7021	18.550	ug/l	98

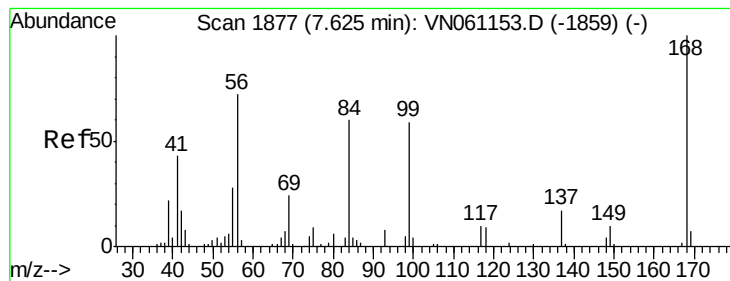
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	25289	17.733	ug/l	98
94) Hexachlorobutadiene	14.98	225	12240	20.544	ug/l	99
95) Naphthalene	15.11	128	75517	16.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	25999	18.465	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

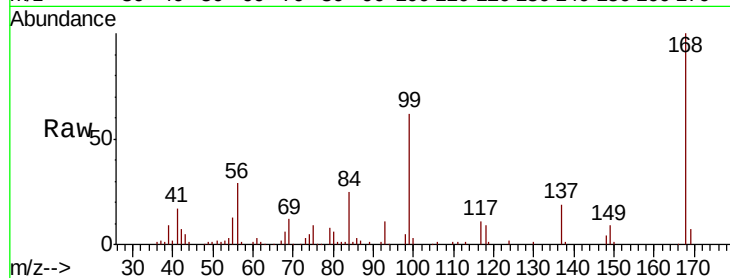
ClientSampleId :

Tot Ion:168 Resp: 106092

Ion Ratio Lower Upper

168 100

99 62.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

40000

30000

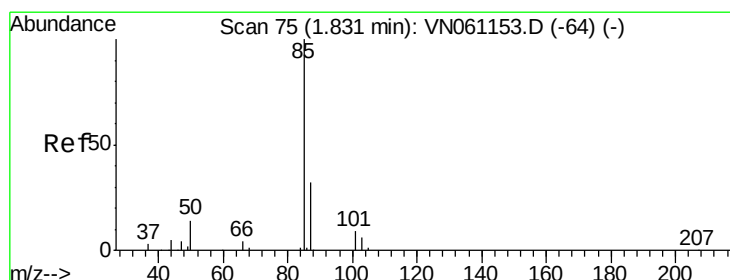
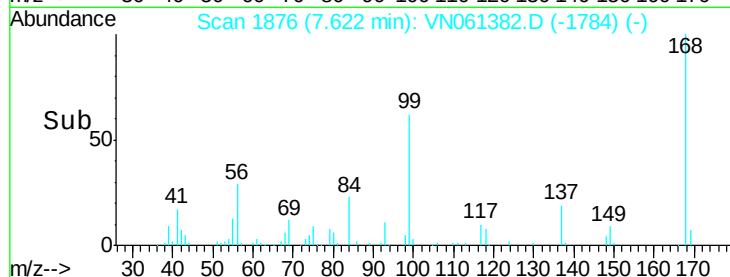
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.795 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061382.D

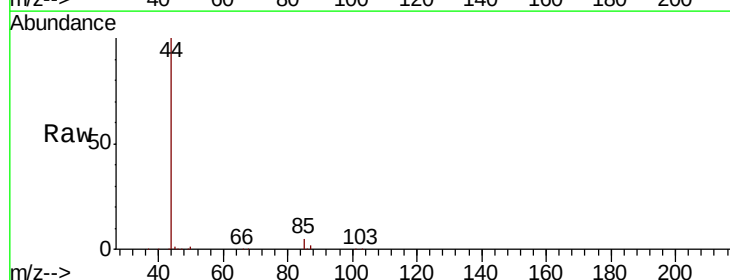
Acq: 11 May 2020 12:02

Tgt Ion: 85 Resp: 20020

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

15000

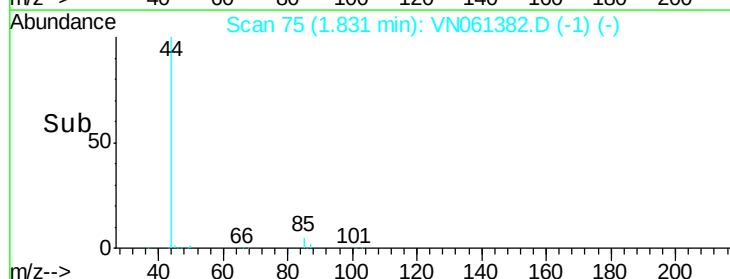
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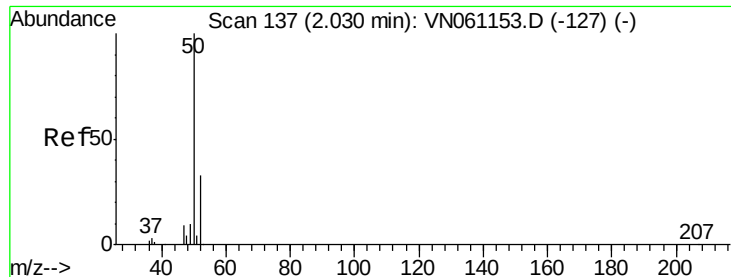
5000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 20.488 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

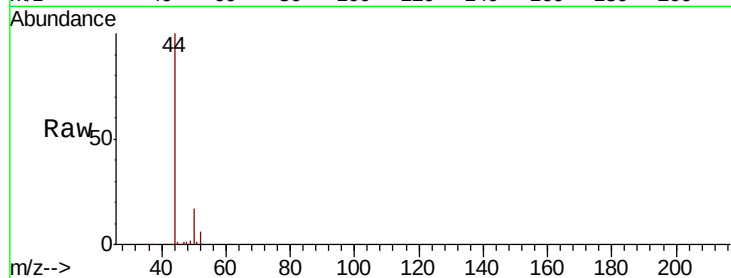
ClientSampled :

Tot Ion: 50 Resp: 27916

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

25000

20000

15000

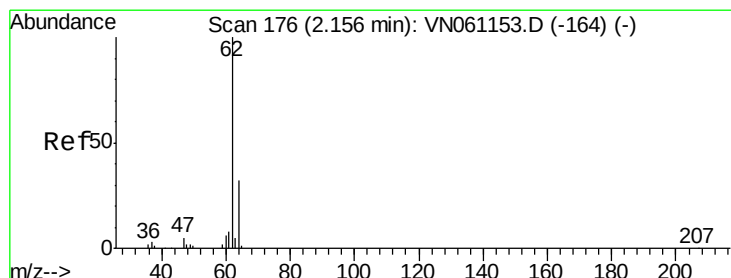
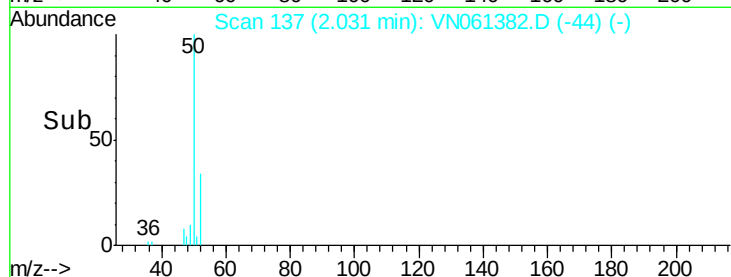
10000

5000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 19.449 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061382.D

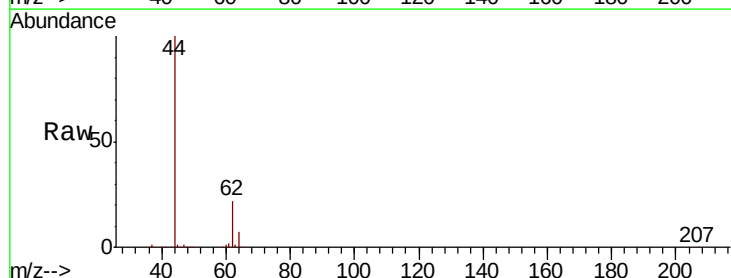
Acq: 11 May 2020 12:02

Tgt Ion: 62 Resp: 30099

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

20000

15000

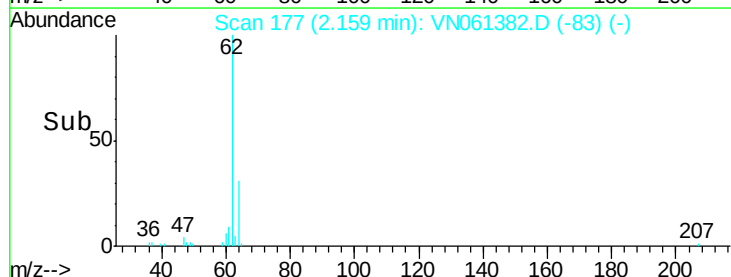
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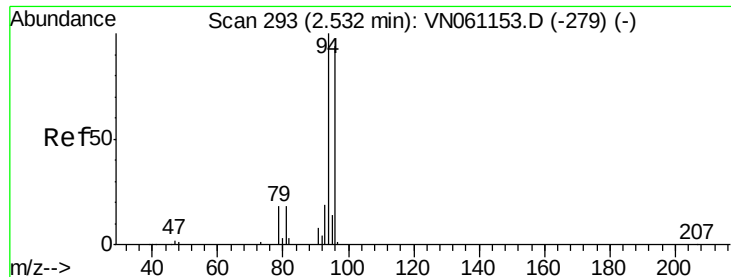
5000

0

Time-->

2.10 2.15 2.20





#5

Bromomethane

Concen: 17.028 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

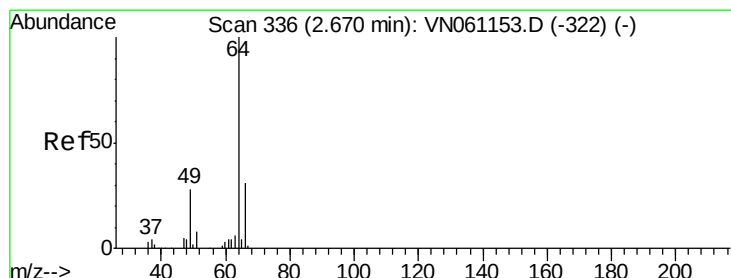
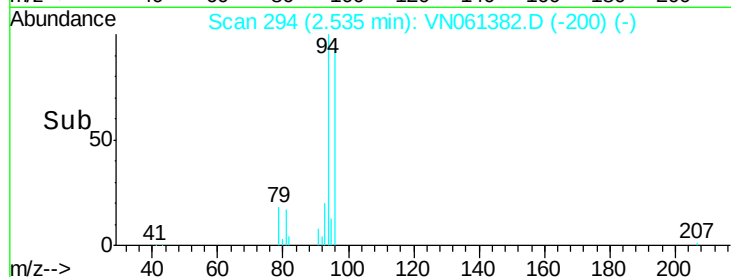
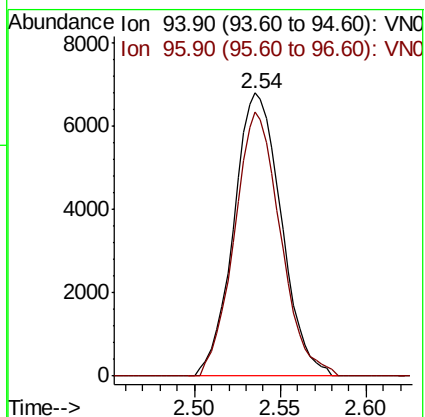
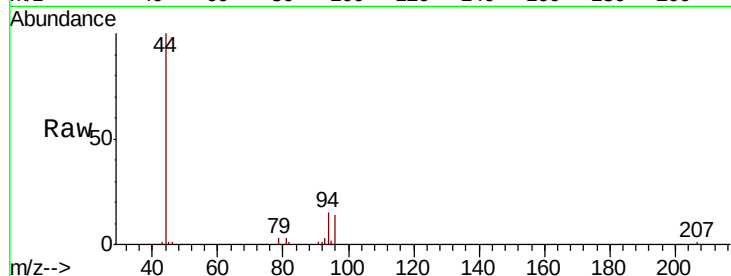
ClientSampleId :

Tot Ion: 94 Resp: 13026

Ion Ratio Lower Upper

94 100

96 93.1 75.1 112.7



#6

Chloroethane

Concen: 18.770 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061382.D

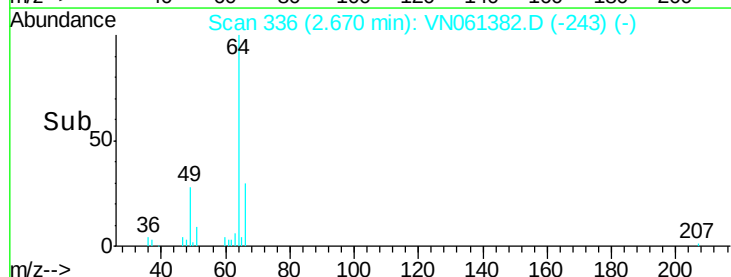
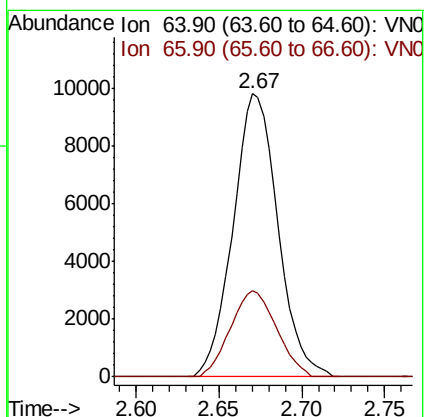
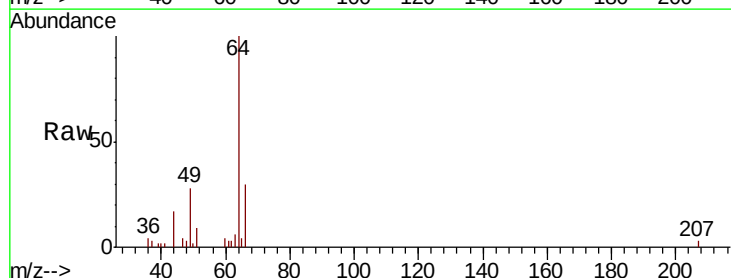
Acq: 11 May 2020 12:02

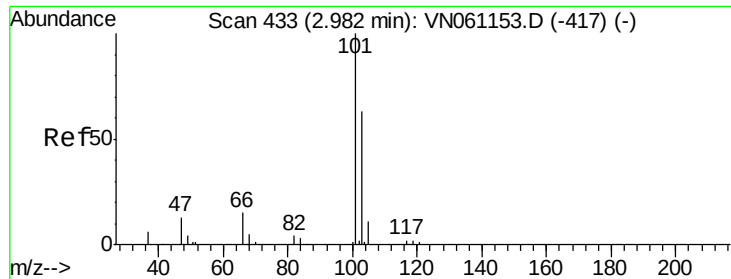
Tgt Ion: 64 Resp: 18412

Ion Ratio Lower Upper

64 100

66 30.5 24.6 36.8



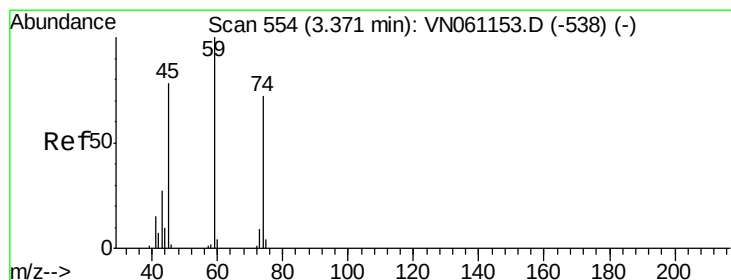
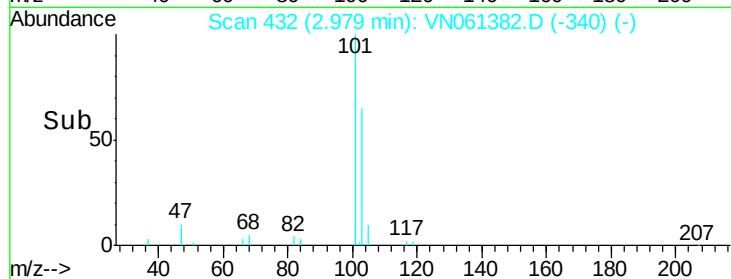
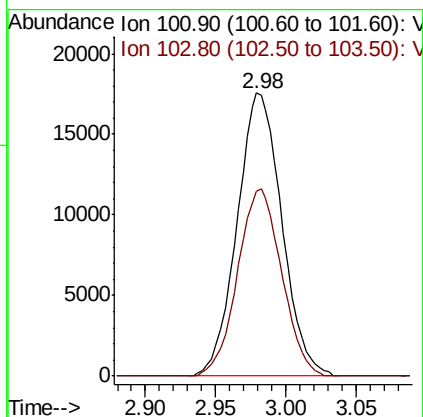
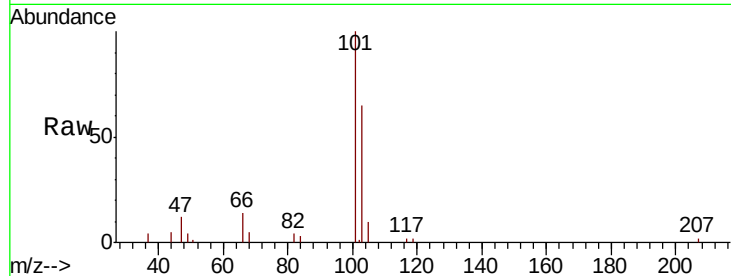


#7

Trichlorofluoromethane
Concen: 22.301 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampled :

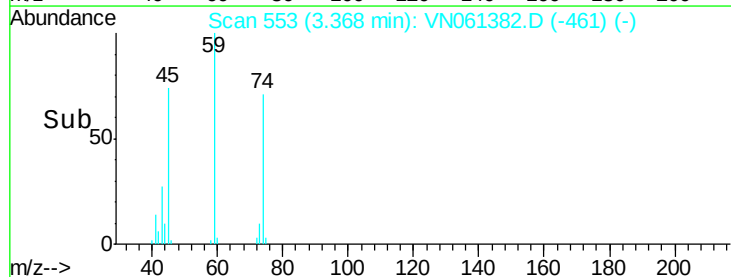
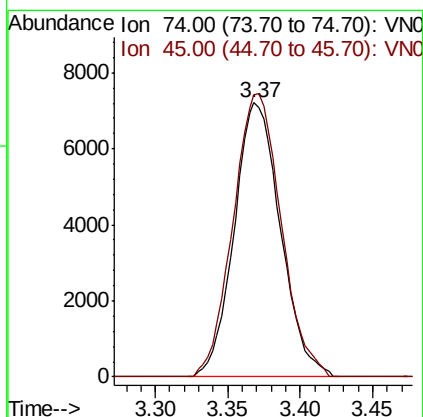
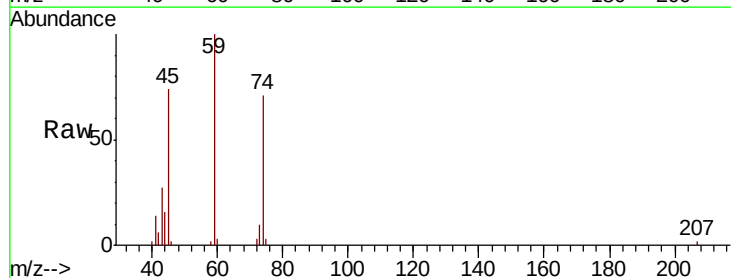
Tot Ion:101 Resp: 38937
Ion Ratio Lower Upper
101 100
103 65.5 50.6 76.0

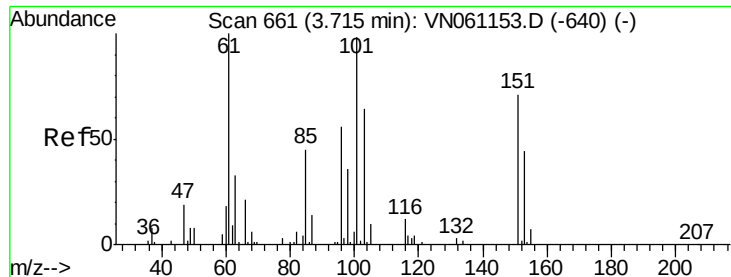


#8

Diethyl Ether
Concen: 22.019 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 74 Resp: 16036
Ion Ratio Lower Upper
74 100
45 107.4 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.780 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

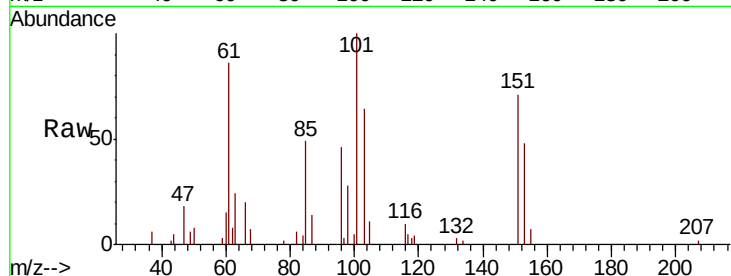
Tot Ion:101 Resp: 23374

Ion Ratio Lower Upper

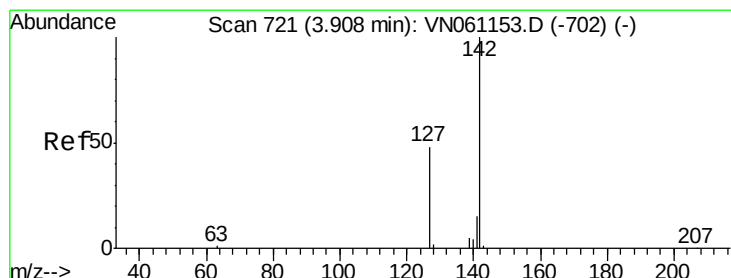
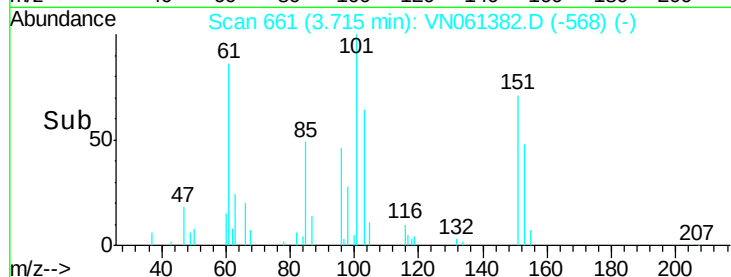
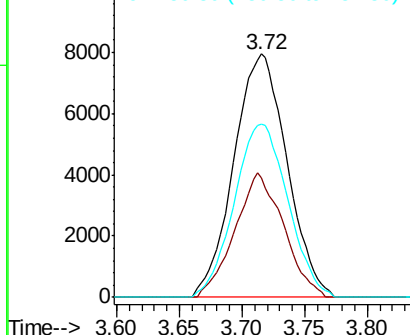
101 100

85 46.8 37.2 55.8

151 71.9 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.848 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

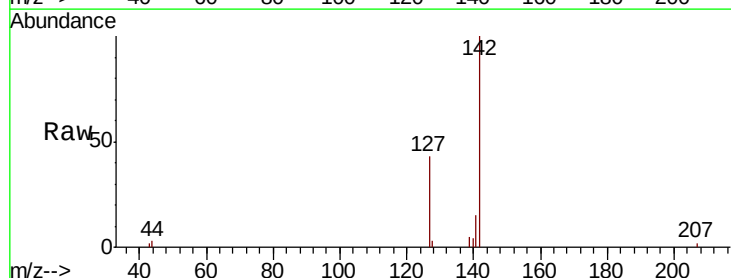
Tgt Ion:142 Resp: 22909

Ion Ratio Lower Upper

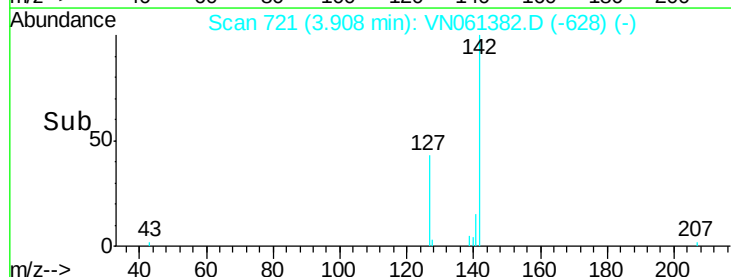
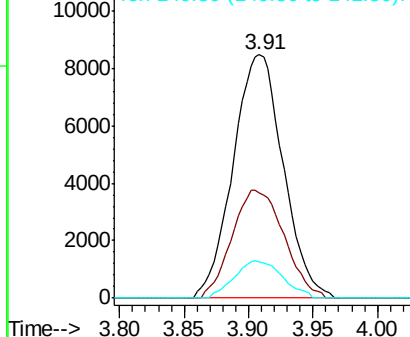
142 100

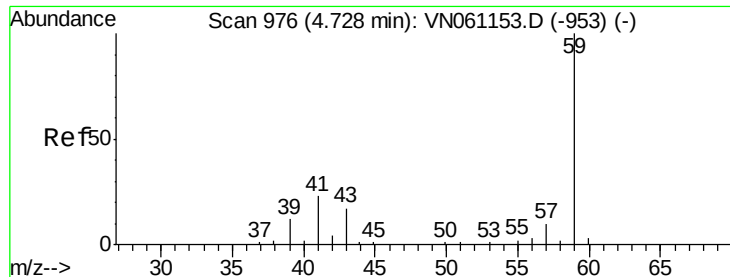
127 45.9 38.0 57.0

141 14.6 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



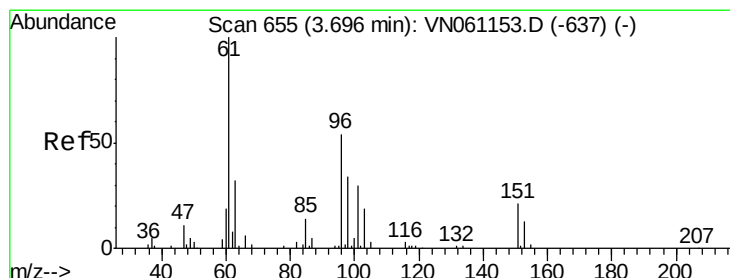
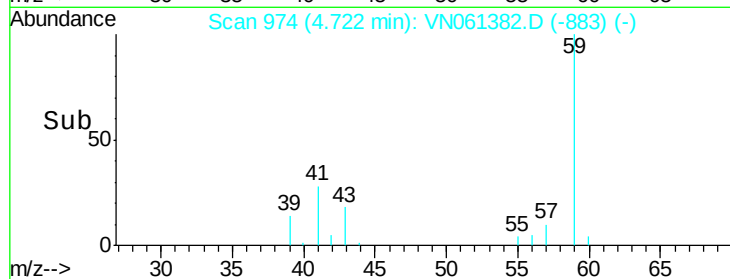
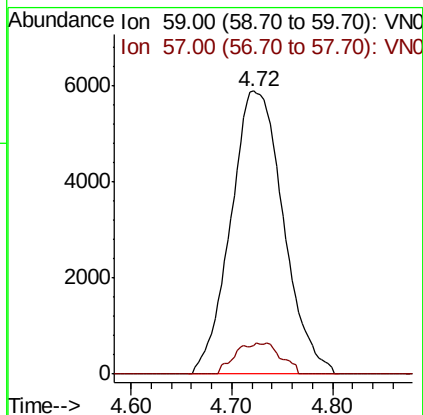
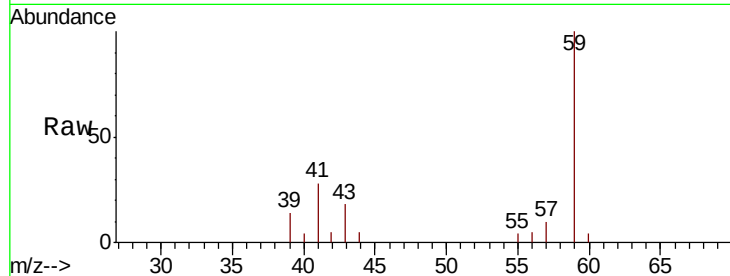


#11

Tert butyl alcohol
 Concen: 94.701 ug/l
 RT: 4.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :

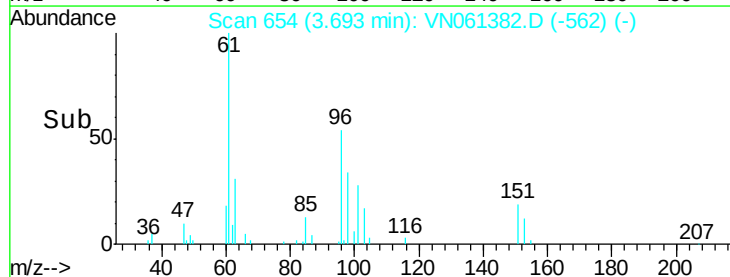
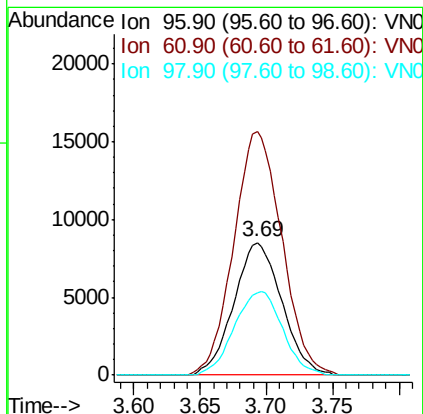
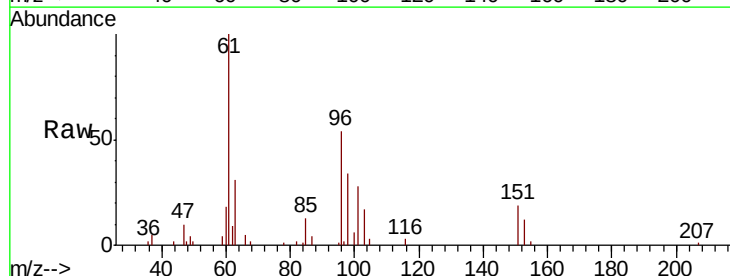
Tot Ion: 59 Resp: 21296
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.3 12.5

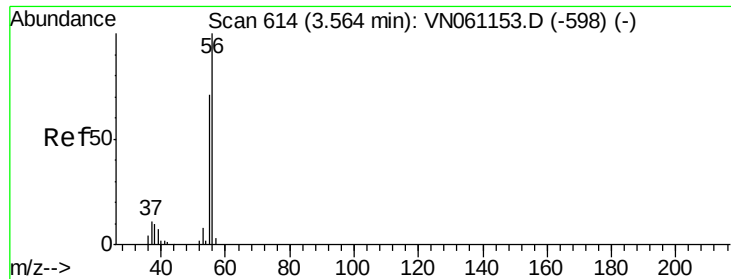


#12

1,1-Dichloroethene
 Concen: 19.127 ug/l
 RT: 3.69 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion: 96 Resp: 21410
 Ion Ratio Lower Upper
 96 100
 61 184.1 147.0 220.6
 98 61.8 49.8 74.6





#13

Acrolein

Concen: 62.786 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

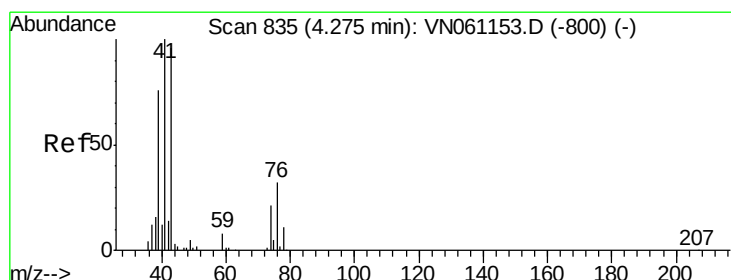
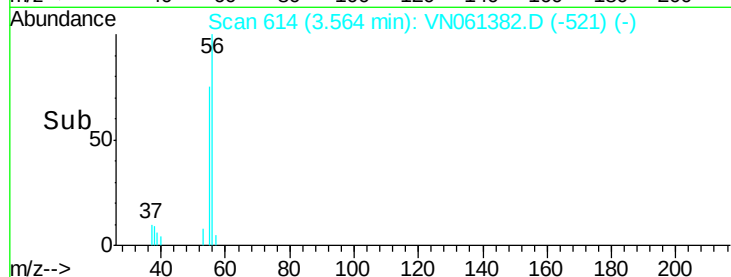
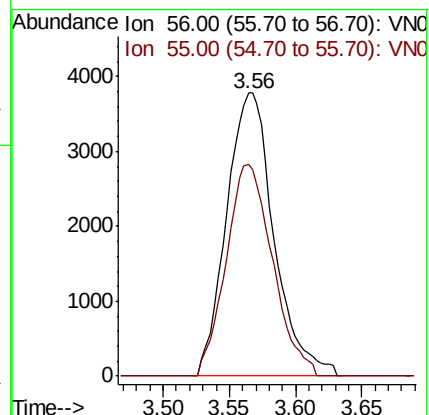
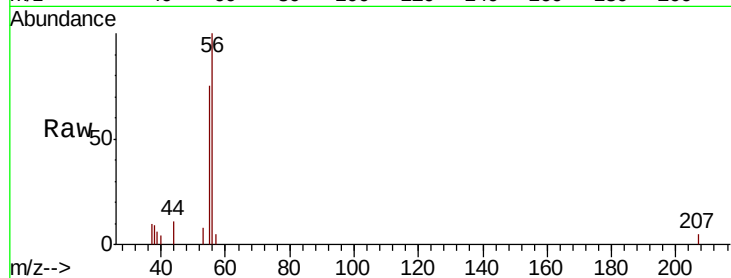
ClientSampleId :

Tot Ion: 56 Resp: 9409

Ion Ratio Lower Upper

56 100

55 73.1 58.5 87.7



#14

Allyl chloride

Concen: 22.405 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

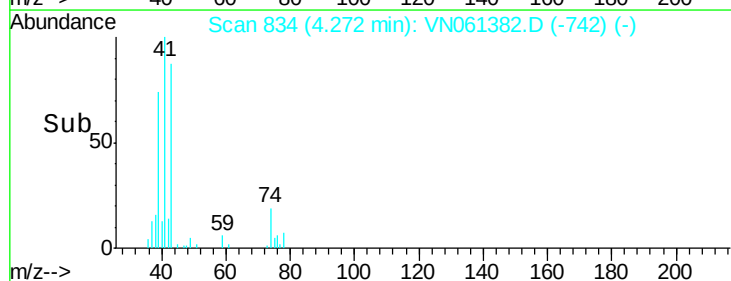
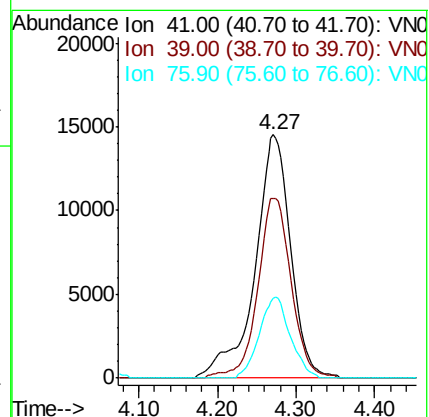
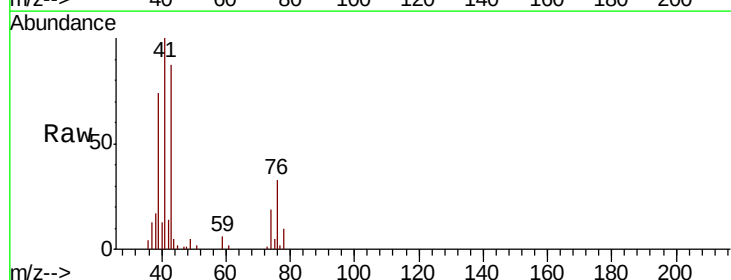
Tgt Ion: 41 Resp: 46502

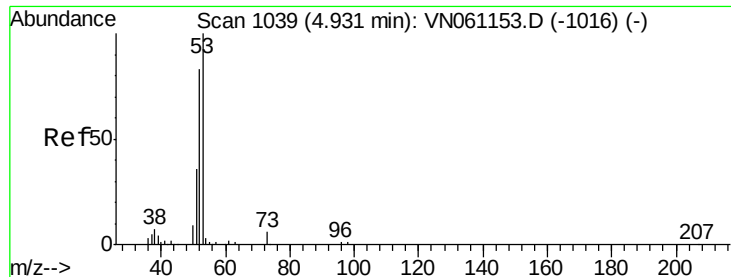
Ion Ratio Lower Upper

41 100

39 69.3 57.1 85.7

76 28.9 24.3 36.5





#15

Acrylonitrile

Concen: 99.795 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

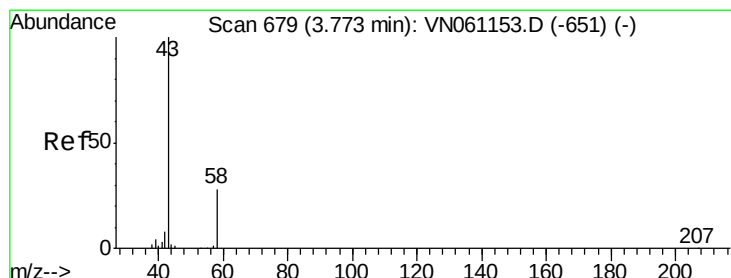
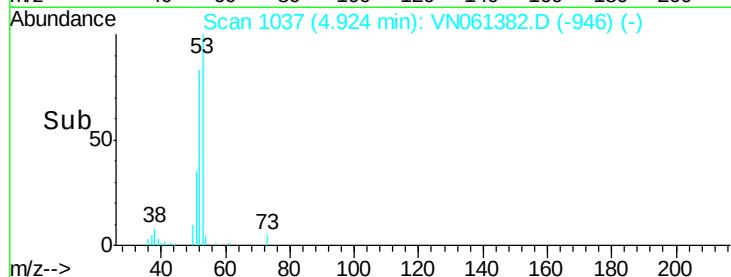
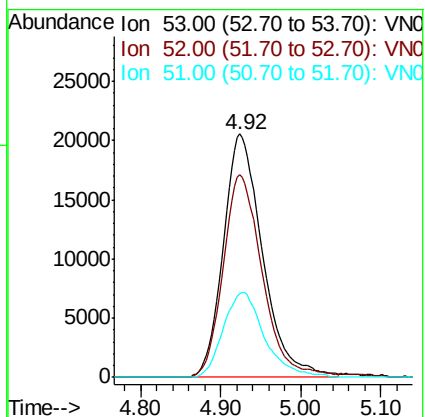
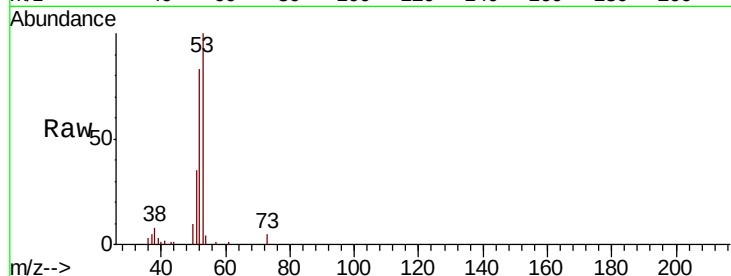
Tot Ion: 53 Resp: 68889

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.0

51 36.7 29.5 44.3



#16

Acetone

Concen: 97.633 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061382.D

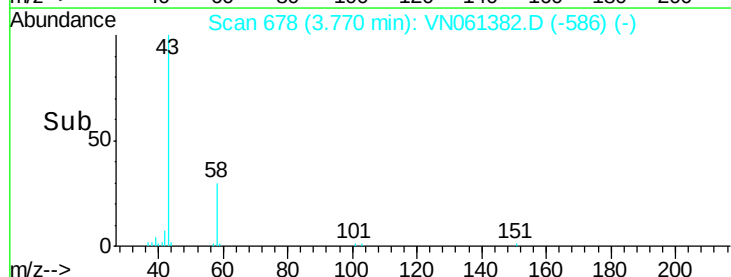
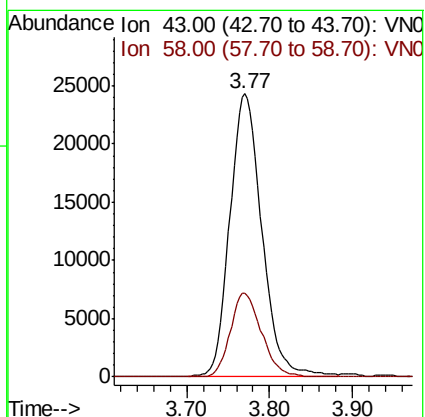
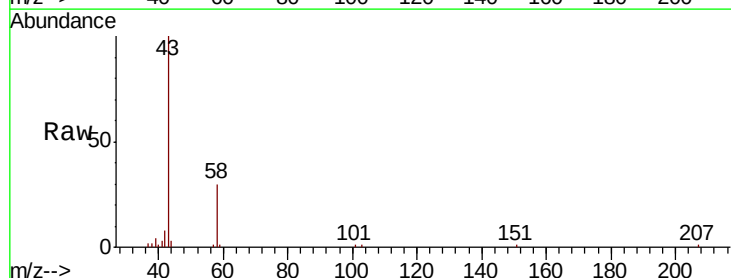
Acq: 11 May 2020 12:02

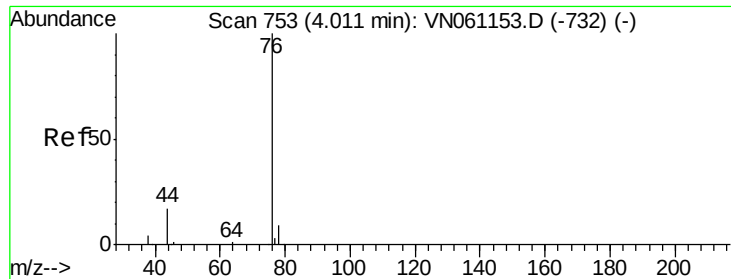
Tgt Ion: 43 Resp: 65573

Ion Ratio Lower Upper

43 100

58 29.6 22.2 33.2





#17

Carbon Disulfide

Concen: 16.980 ug/l

RT: 4.00 min Scan# 751

Delta R.T. -0.01 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

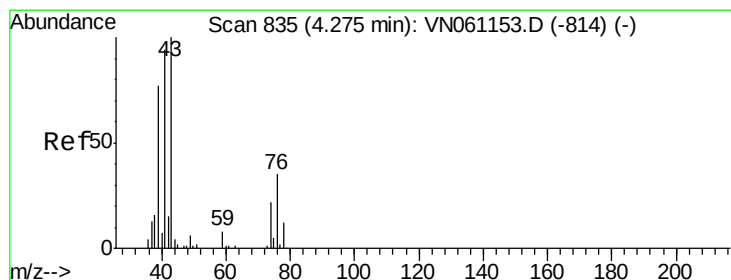
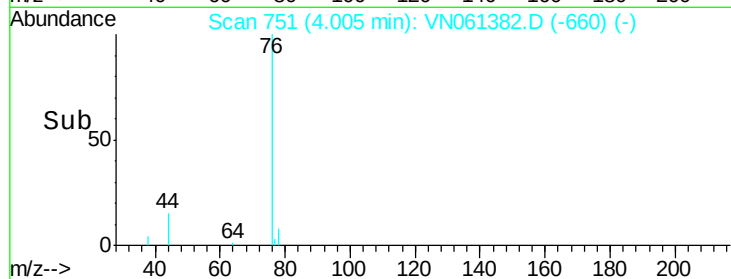
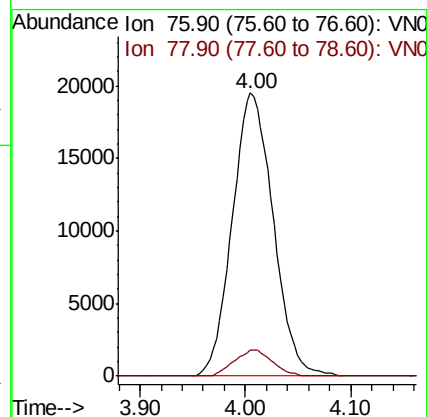
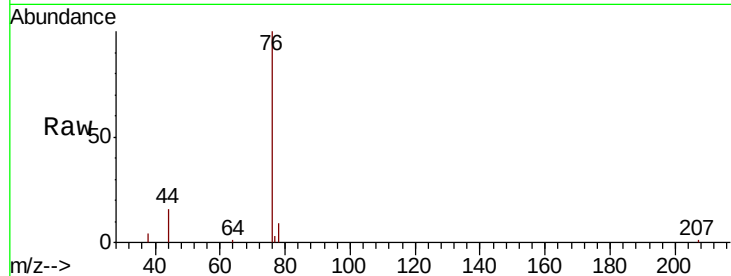
ClientSampleId :

Tot Ion: 76 Resp: 52502

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 18.120 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061382.D

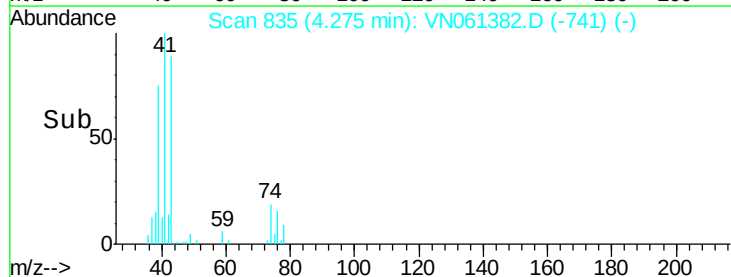
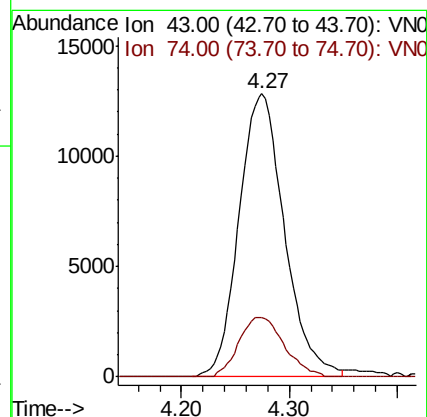
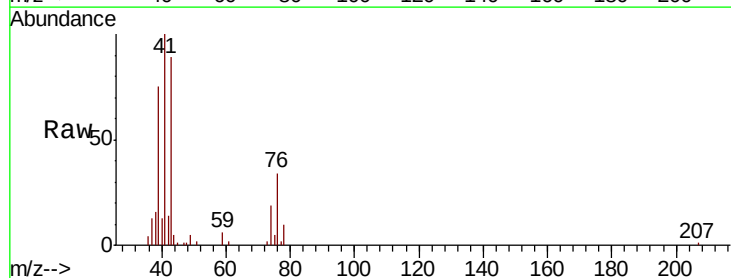
Acq: 11 May 2020 12:02

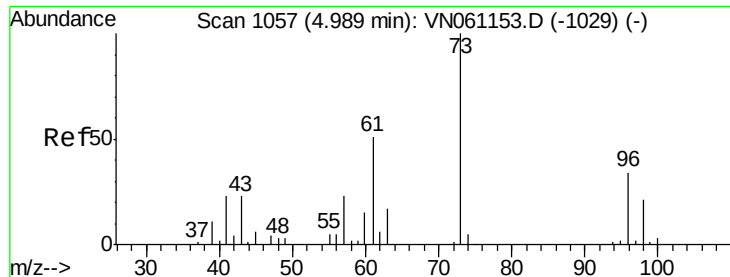
Tgt Ion: 43 Resp: 37468

Ion Ratio Lower Upper

43 100

74 21.0 17.0 25.4

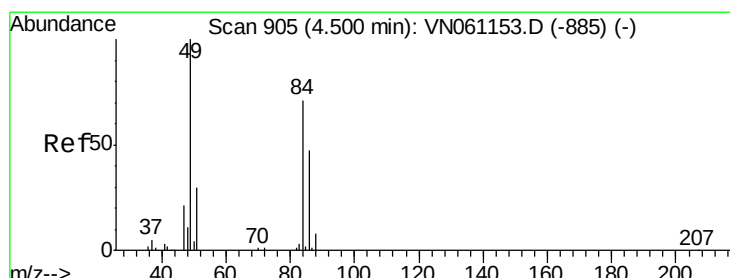
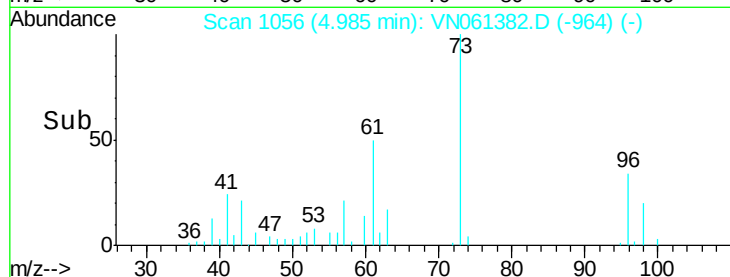
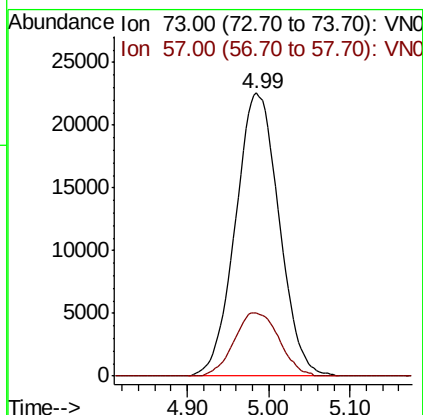
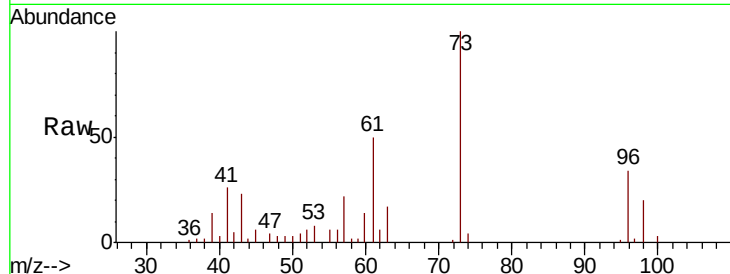




#19
Methyl tert-butyl Ether
Concen: 19.585 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

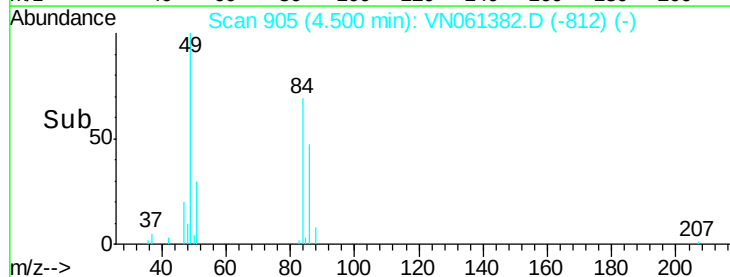
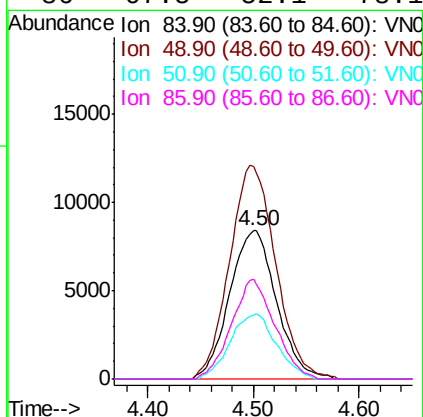
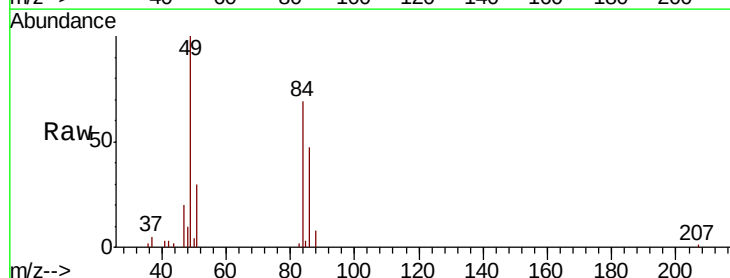
Instrument :
MSVOA_N
ClientSampled :

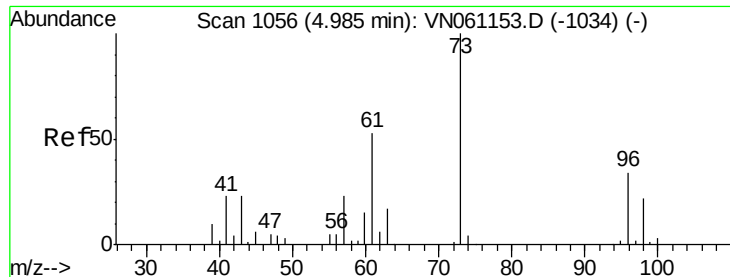
Tot Ion: 73 Resp: 83768
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 19.809 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 84 Resp: 25930
Ion Ratio Lower Upper
84 100
49 144.1 112.0 168.0
51 43.6 33.6 50.4
86 67.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.704 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

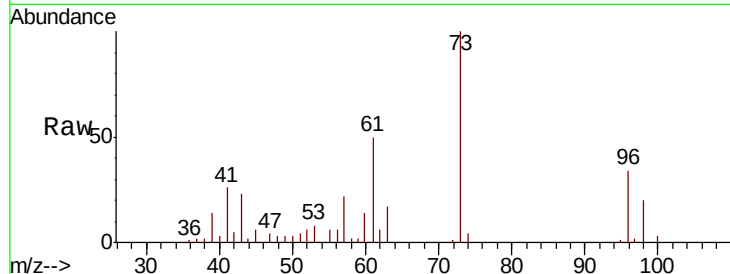
Tot Ion: 96 Resp: 24017

Ion Ratio Lower Upper

96 100

61 147.8 123.0 184.4

98 58.6 50.1 75.1

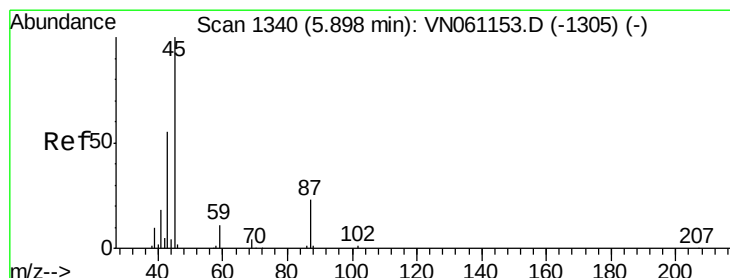
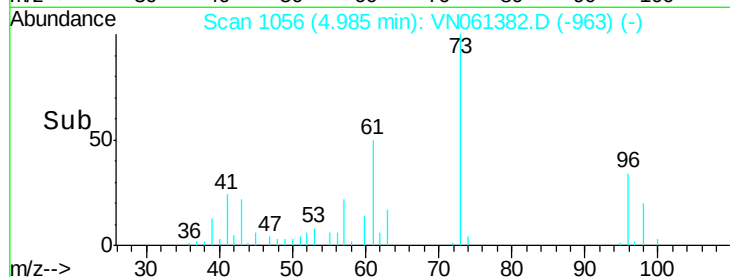
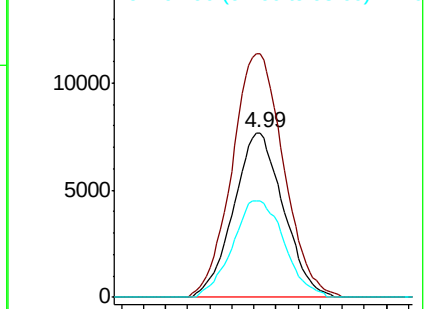


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.971 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion: 45 Resp: 100932

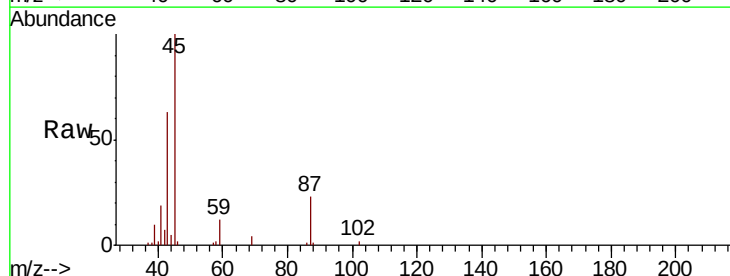
Ion Ratio Lower Upper

45 100

43 60.8 47.9 71.9

87 23.2 19.2 28.8

59 11.6 9.0 13.4



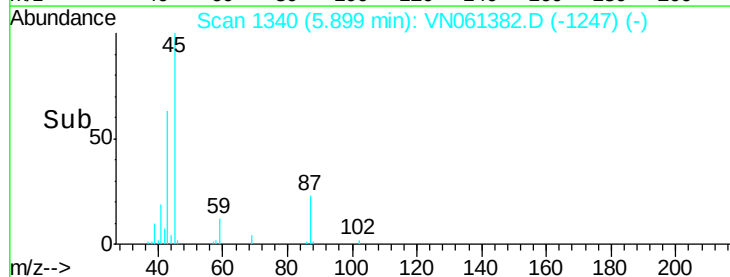
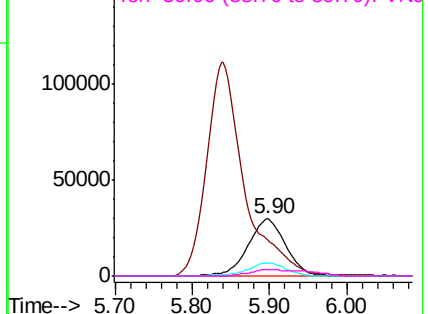
Abundance

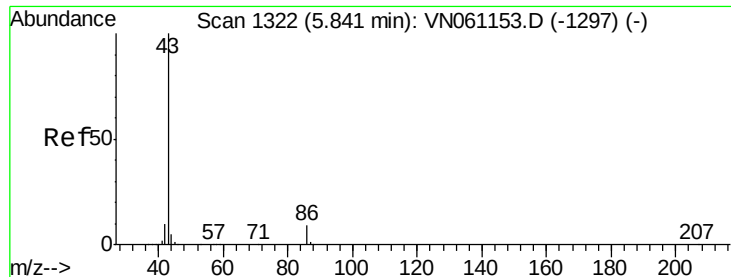
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 97.762 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

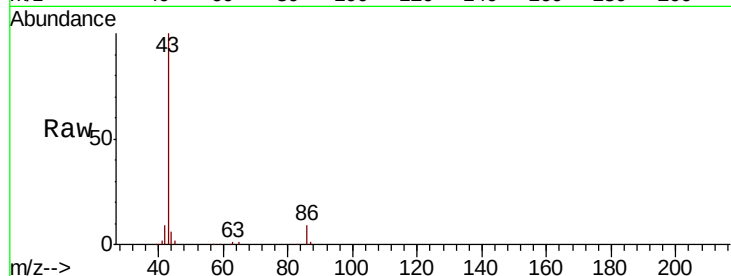
ClientSampleId :

Tot Ion: 43 Resp: 378852

Ion Ratio Lower Upper

43 100

86 9.1 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061382.D (-1229) (-)

Ion 86.00 (85.70 to 86.70): VN061382.D (-1229) (-)

5.84

120000

100000

80000

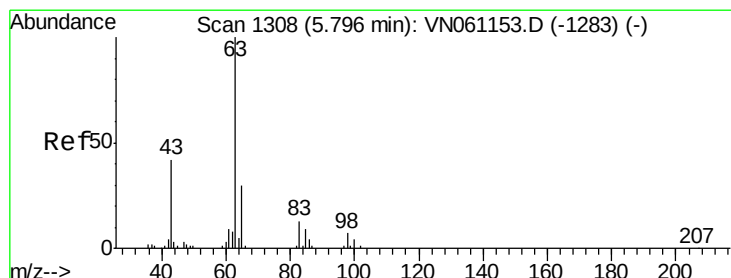
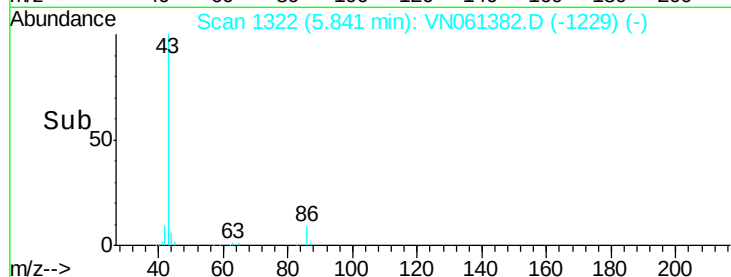
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.484 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

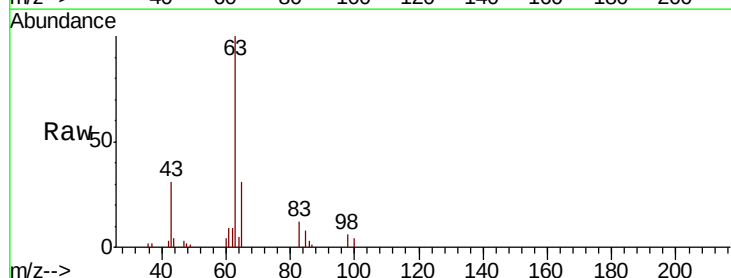
Tgt Ion: 63 Resp: 51509

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN061382.D (-1215) (-)

Ion 97.90 (97.60 to 98.60): VN061382.D (-1215) (-)

Ion 99.90 (99.60 to 100.60): VN061382.D (-1215) (-)

20000

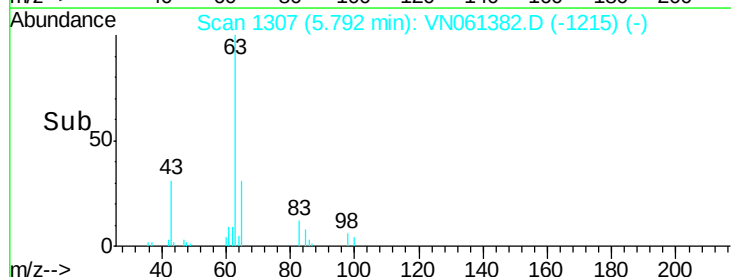
15000

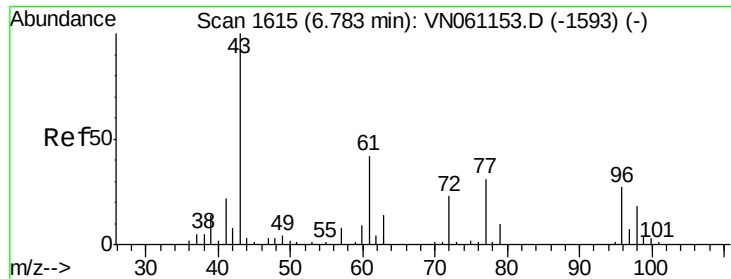
10000

5000

0

Time-->

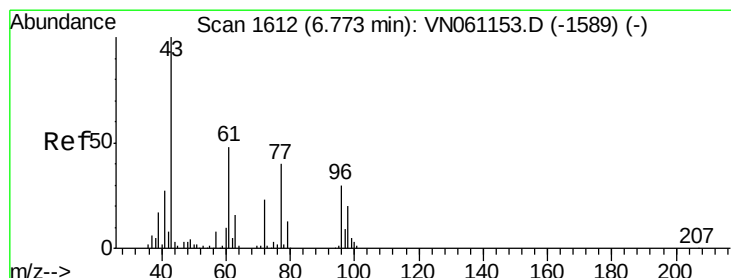
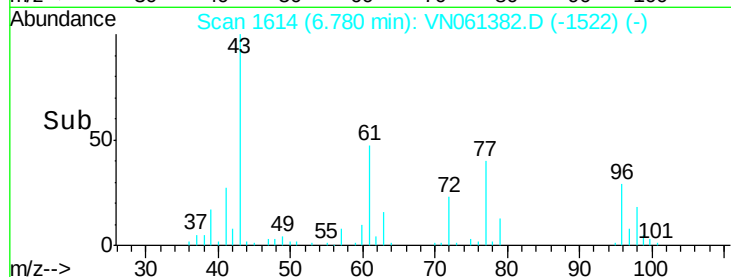
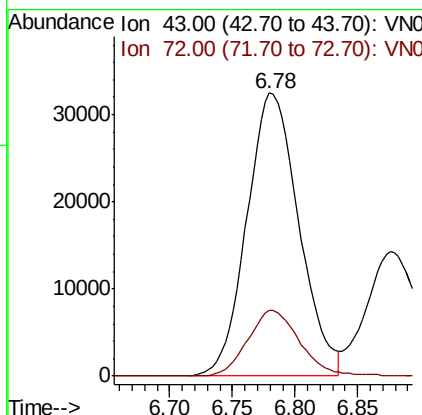
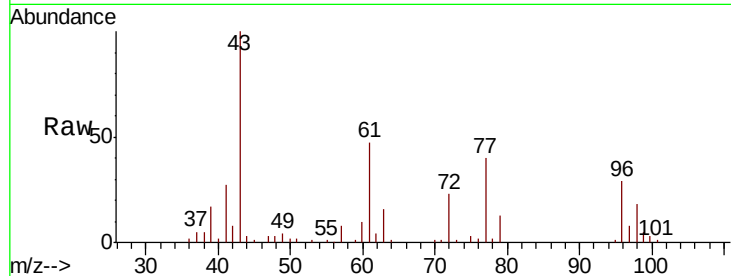




#25
2-Butanone
Concen: 94.486 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

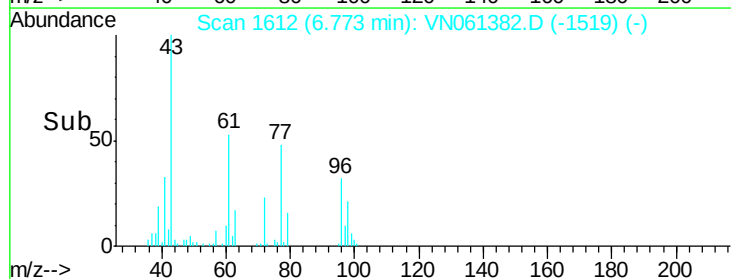
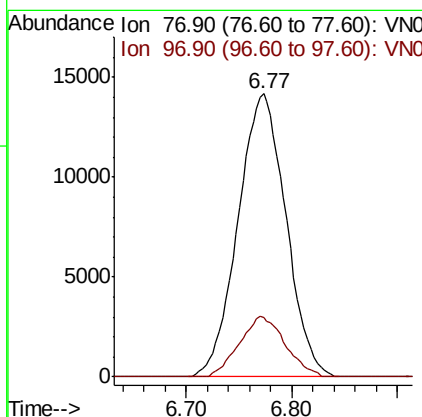
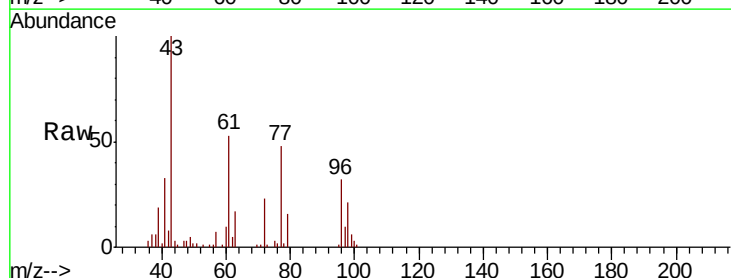
Instrument :
MSVOA_N
ClientSampled :

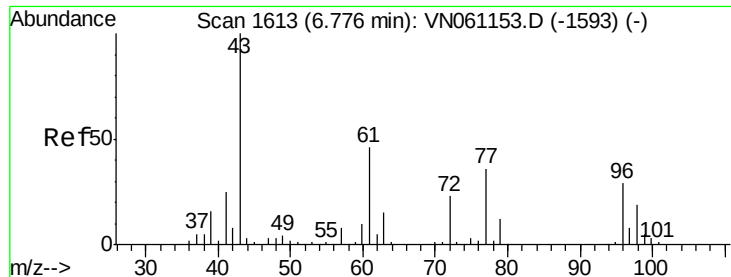
Tot Ion: 43 Resp: 93857
Ion Ratio Lower Upper
43 100
72 23.1 18.2 27.4



#26
2,2-Dichloropropane
Concen: 21.118 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 77 Resp: 44730
Ion Ratio Lower Upper
77 100
97 20.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.286 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampled :

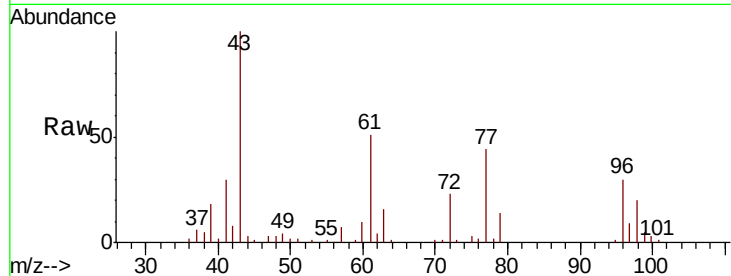
Tot Ion: 96 Resp: 27586

Ion Ratio Lower Upper

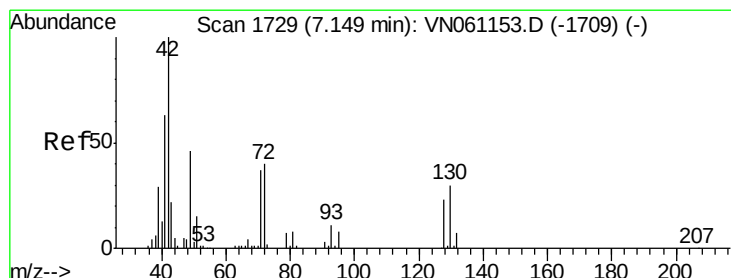
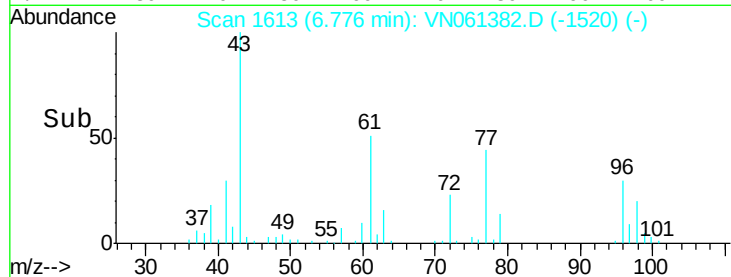
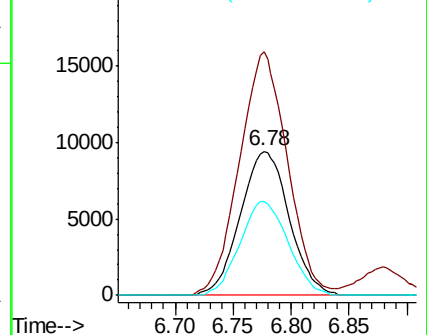
96 100

61 165.7 0.0 322.0

98 64.3 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: 23.016 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

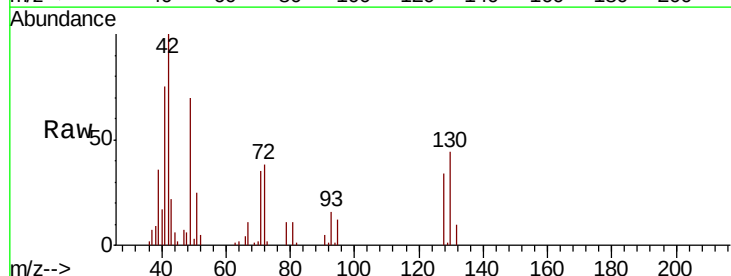
Tgt Ion: 49 Resp: 27432

Ion Ratio Lower Upper

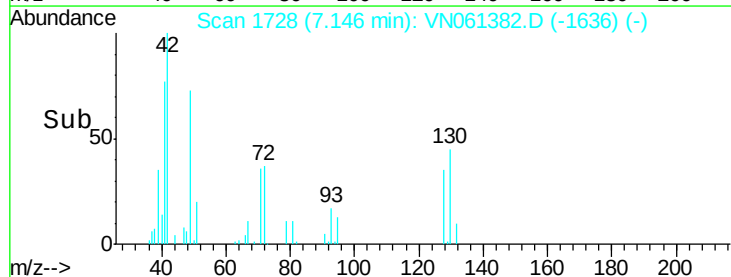
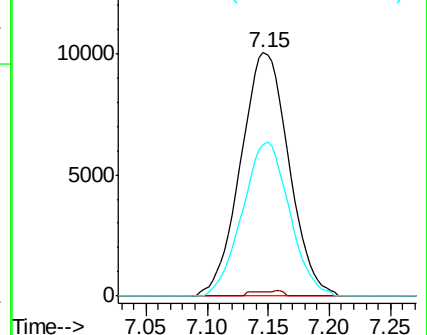
49 100

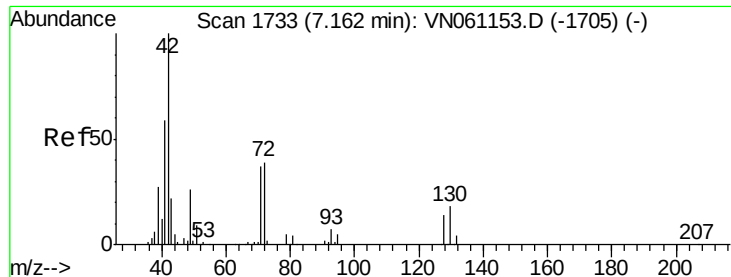
129 0.7 0.0 3.0

130 61.8 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

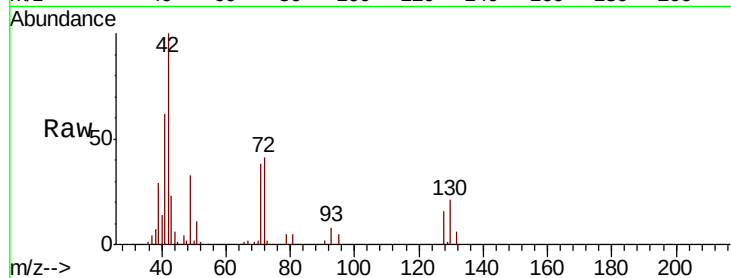




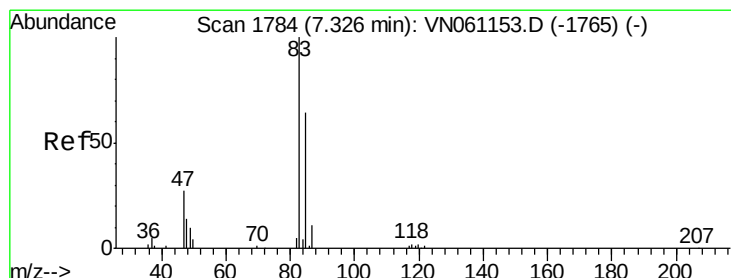
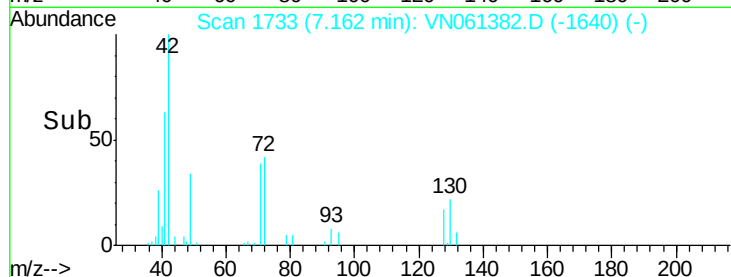
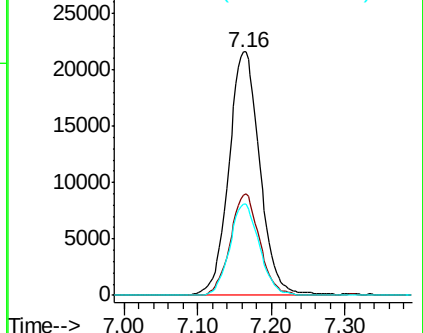
#29
Tetrahydrofuran
Concen: 94.655 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	31.4	47.0
71	35.7	29.5	44.3

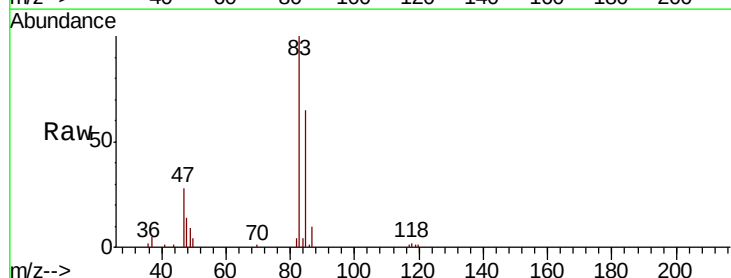


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

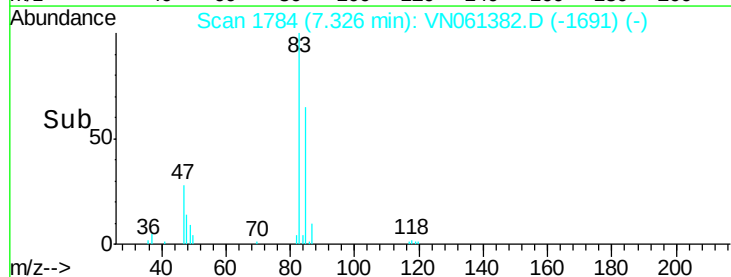
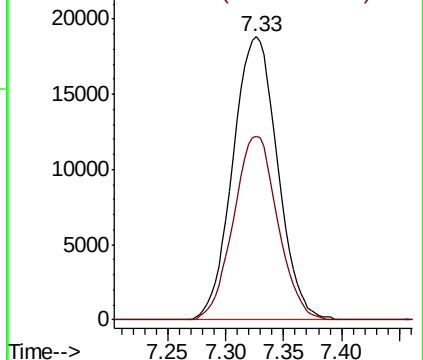


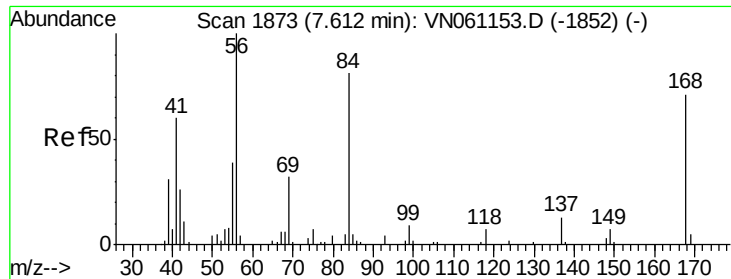
#30
Chloroform
Concen: 19.806 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.1	76.7



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

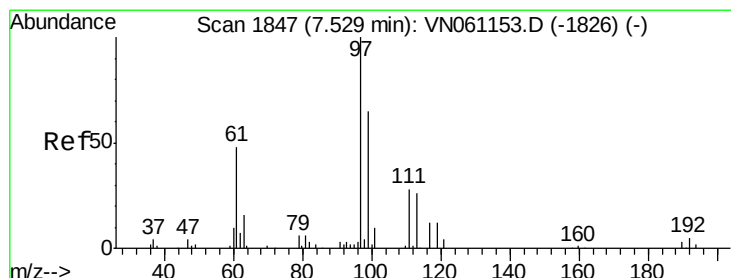
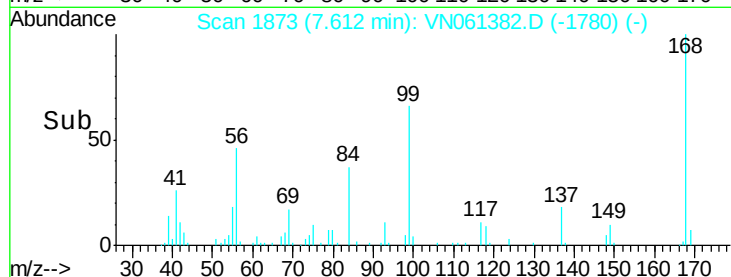
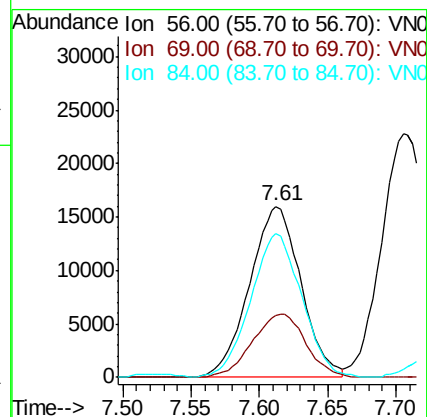
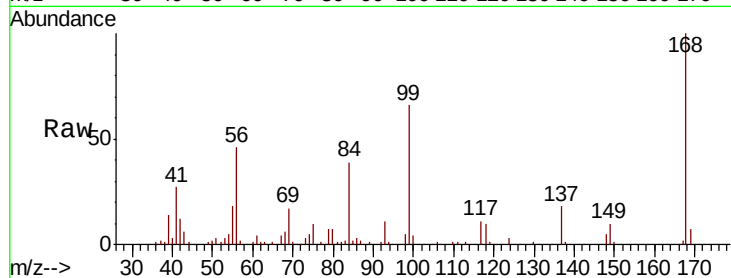




#31
Cyclohexane
Concen: 17.116 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

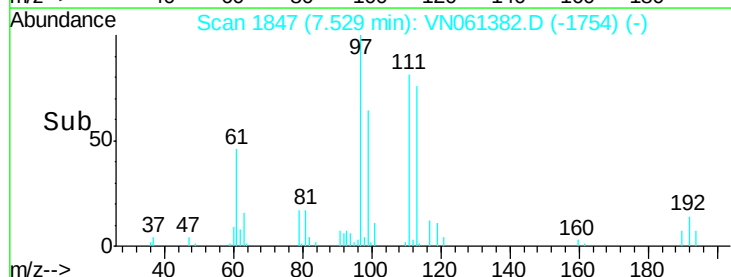
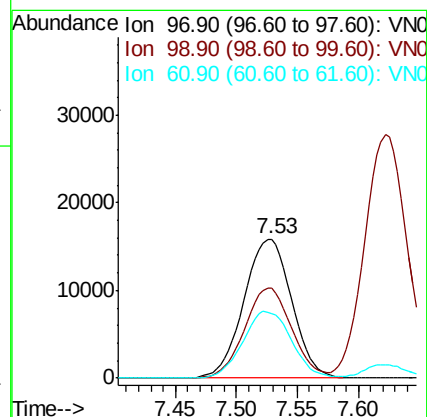
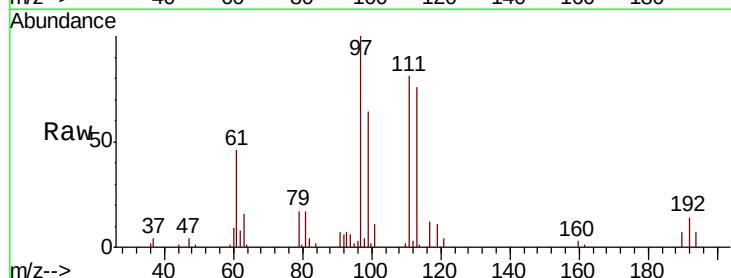
Instrument :
MSVOA_N
ClientSampled :

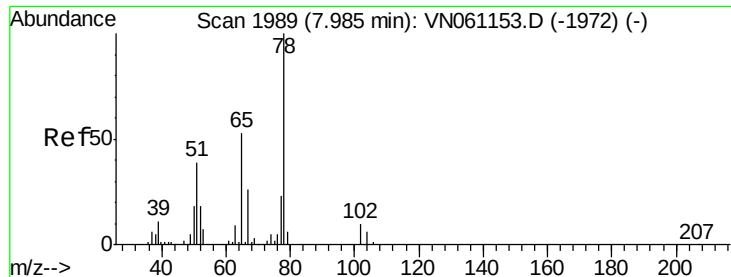
Tot Ion: 56 Resp: 41798
Ion Ratio Lower Upper
56 100
69 36.2 25.7 38.5
84 84.2 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 19.405 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 97 Resp: 43060
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 48.8 38.6 57.8

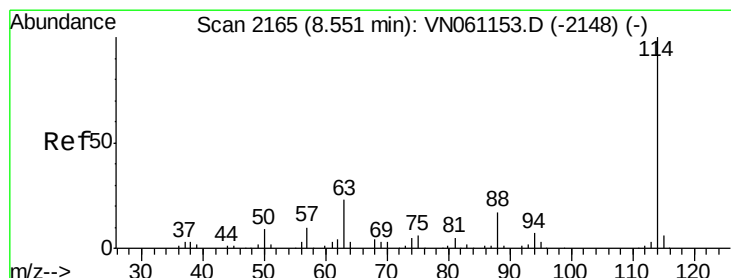
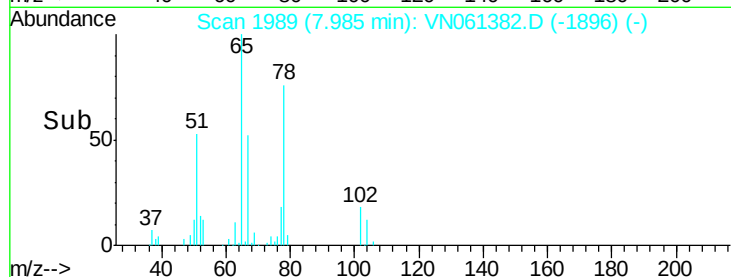
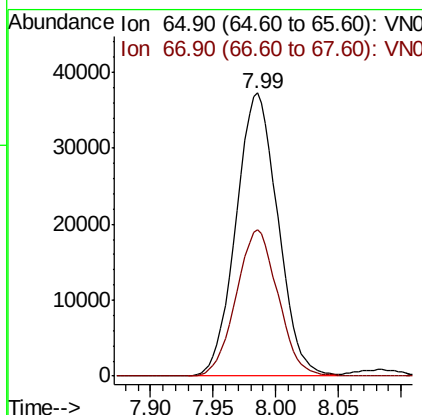
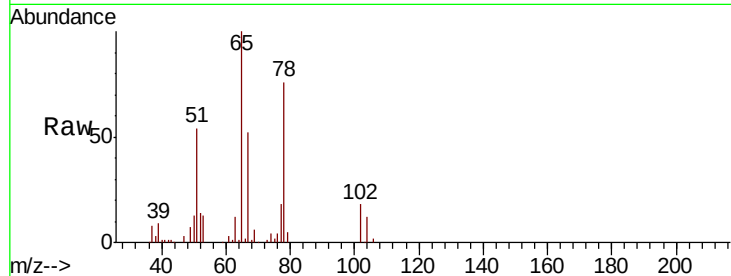




#33
 1,2-Dichloroethane-d4
 Concen: 51.618 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

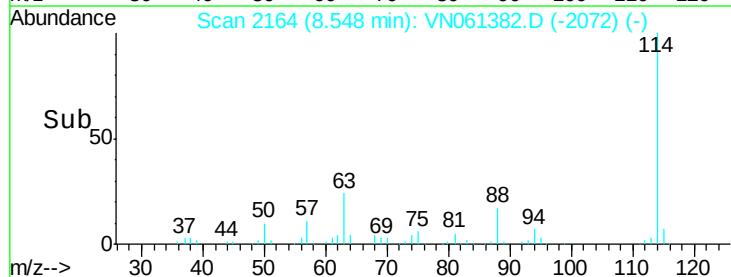
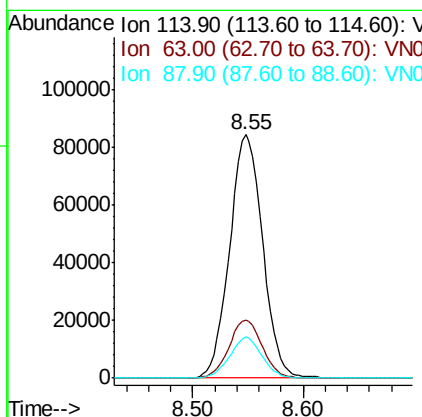
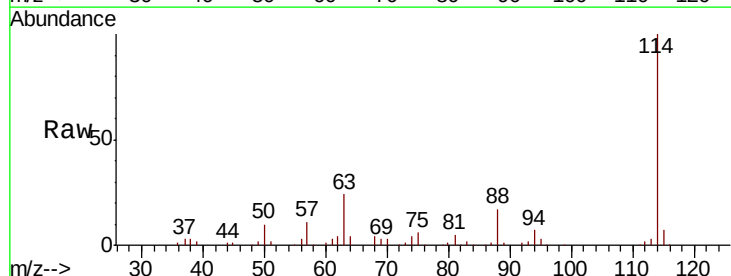
Instrument :
 MSVOA_N
 ClientSampleId :

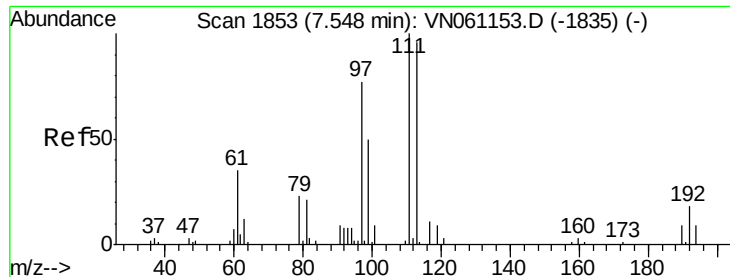
Tot Ion: 65 Resp: 86652
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion: 114 Resp: 175701
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.6
 88 16.8 0.0 33.4

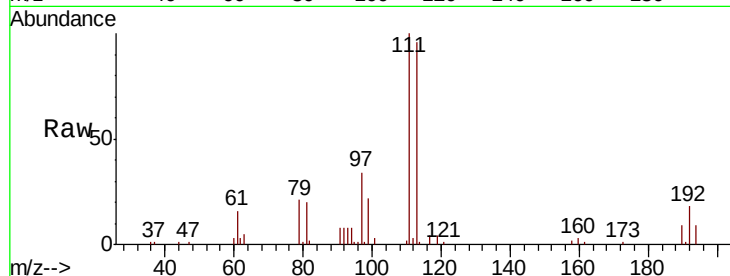




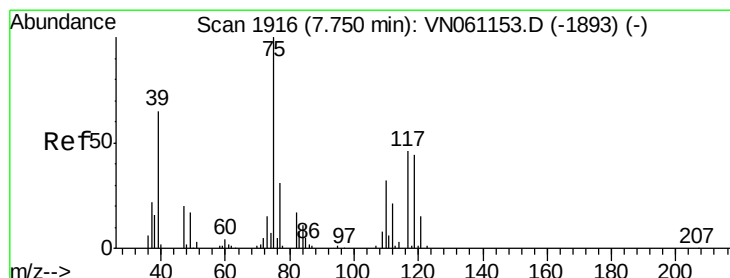
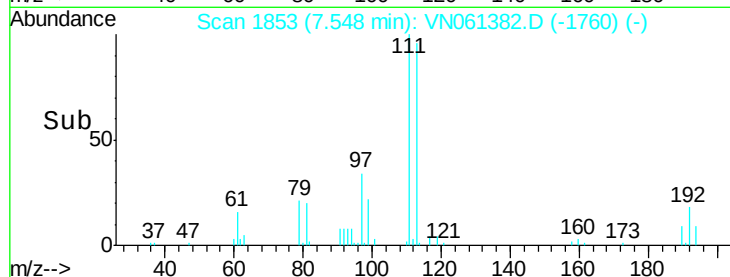
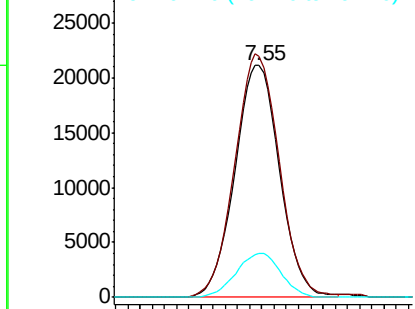
#35
 Dibromofluoromethane
 Concen: 51.658 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 53671
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 19.1 14.7 22.1

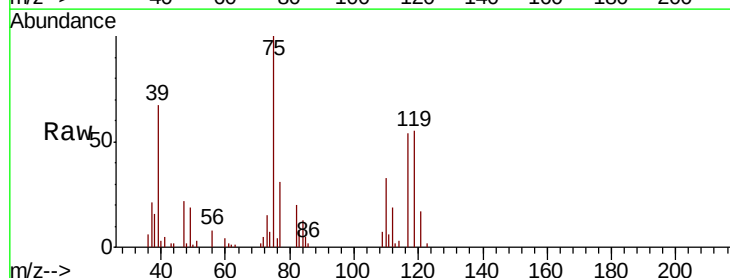


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

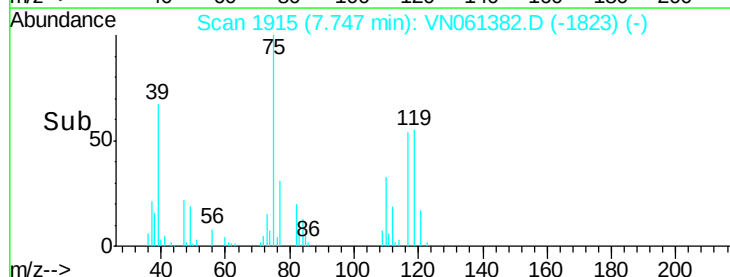
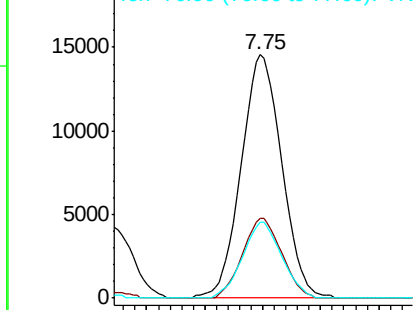


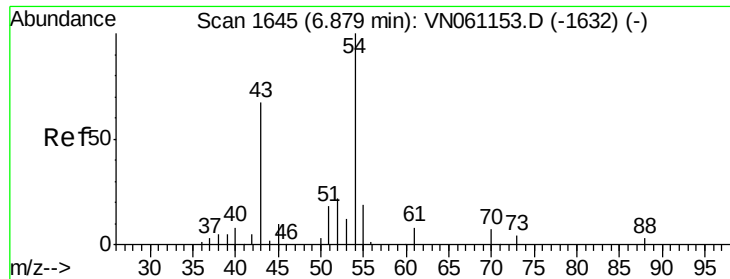
#36
 1,1-Dichloropropene
 Concen: 20.202 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion: 75 Resp: 35533
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 30.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

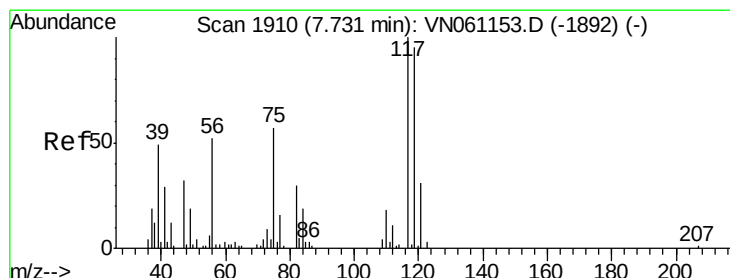
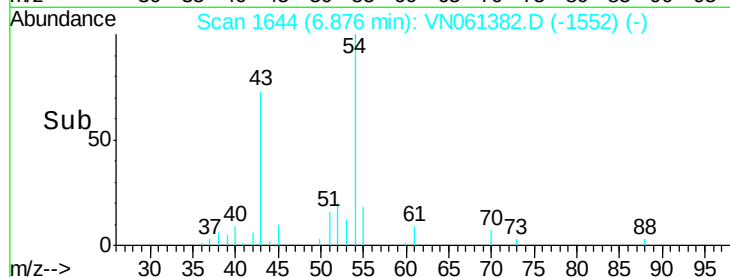
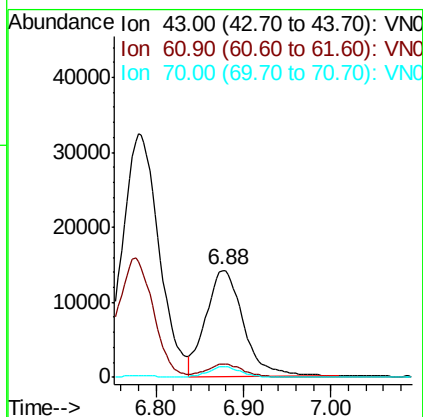
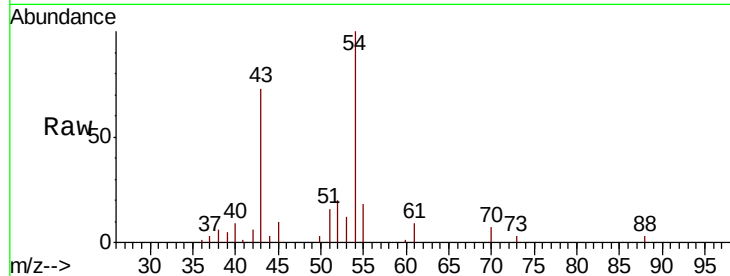




#37
Ethyl Acetate
Concen: 20.474 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

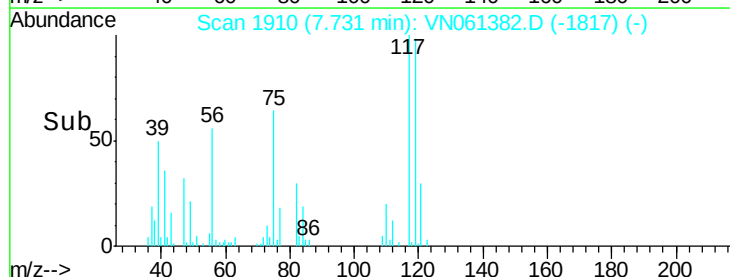
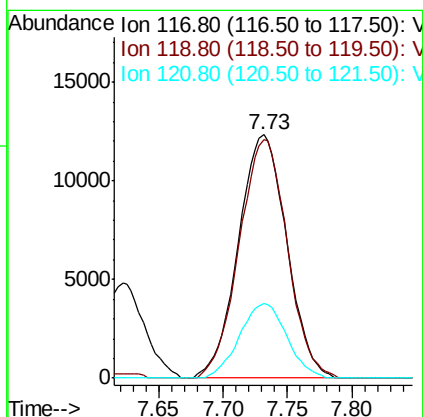
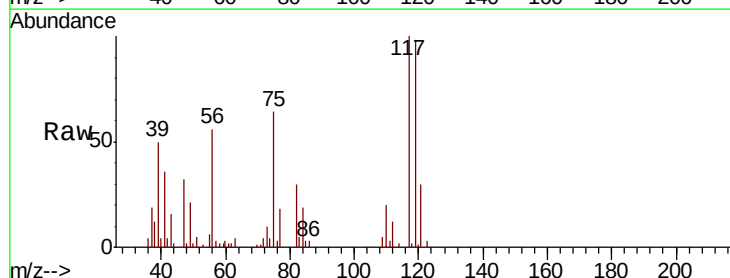
Instrument :
MSVOA_N
ClientSampled :

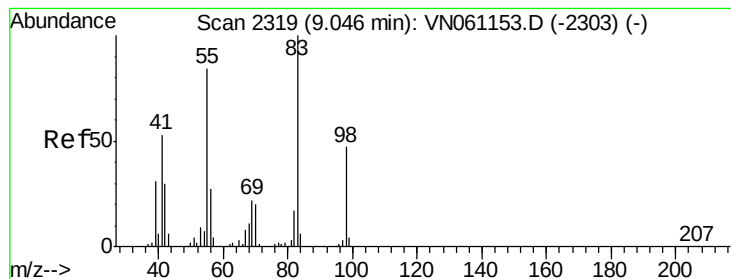
Tot Ion: 43 Resp: 42216
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.2
70 8.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.460 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 117 Resp: 32243
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.6
121 30.5 24.7 37.1





#39

Methylvlcyclohexane

Concen: 17.160 ug/l

RT: 9.05 min Scan# 2319

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

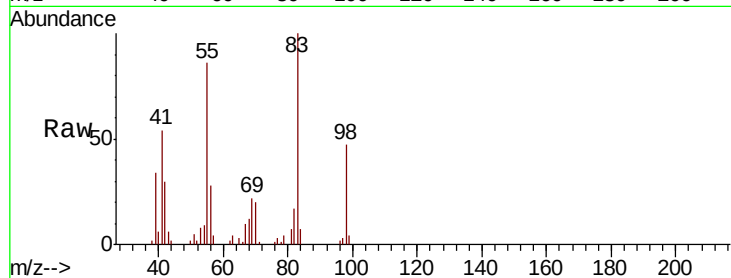
Tot Ion: 83 Resp: 33847

Ion Ratio Lower Upper

83 100

55 86.3 67.3 100.9

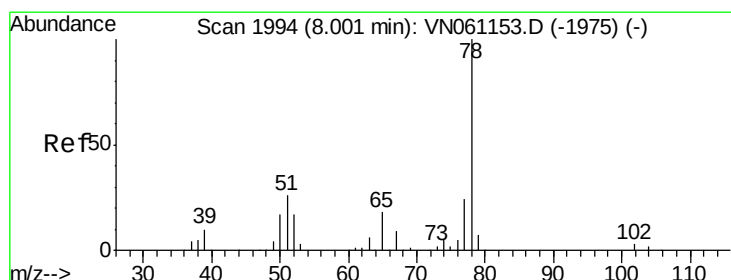
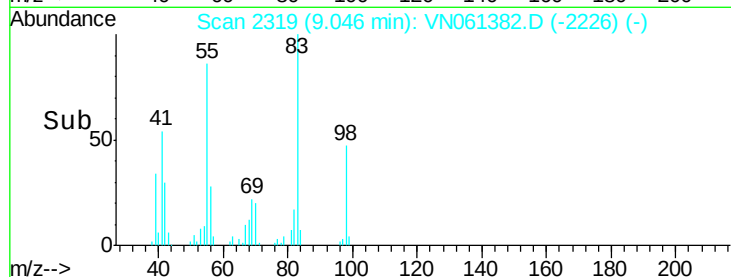
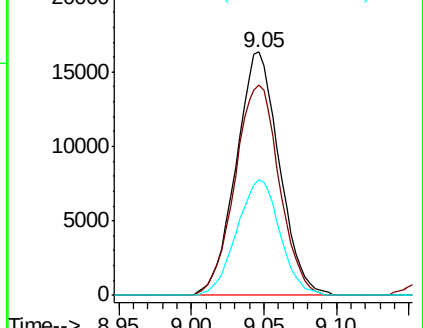
98 47.4 37.7 56.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 20.440 ug/l

RT: 8.00 min Scan# 1994

Delta R.T. 0.00 min

Lab File: VN061382.D

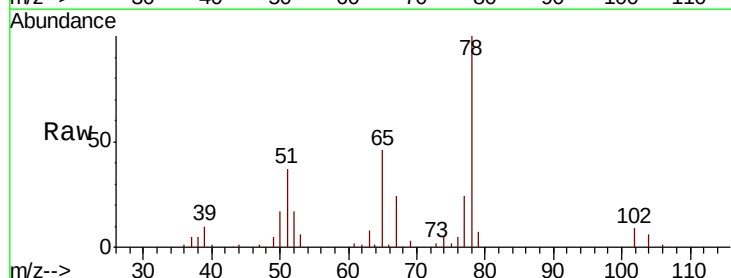
Acq: 11 May 2020 12:02

Tgt Ion: 78 Resp: 107108

Ion Ratio Lower Upper

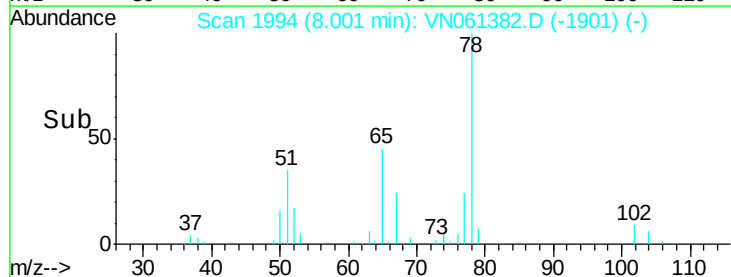
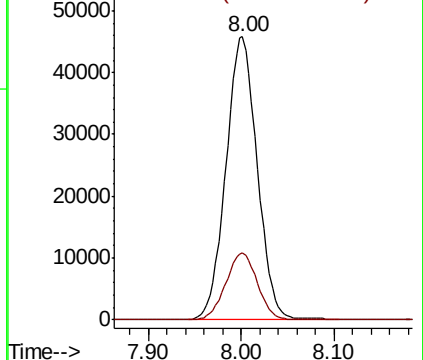
78 100

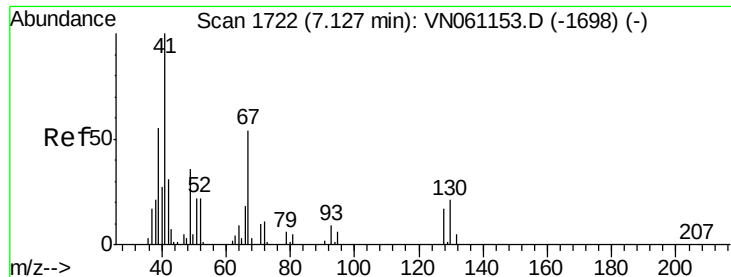
77 23.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

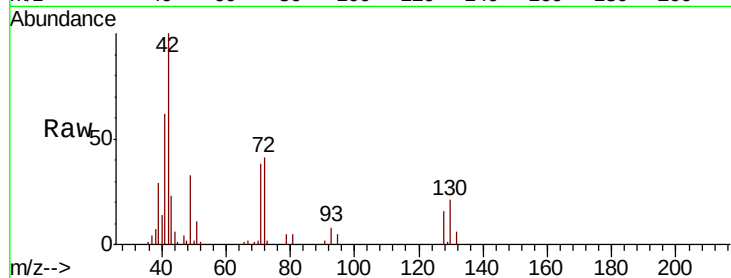




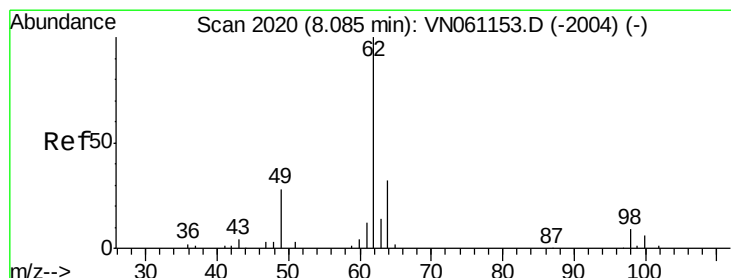
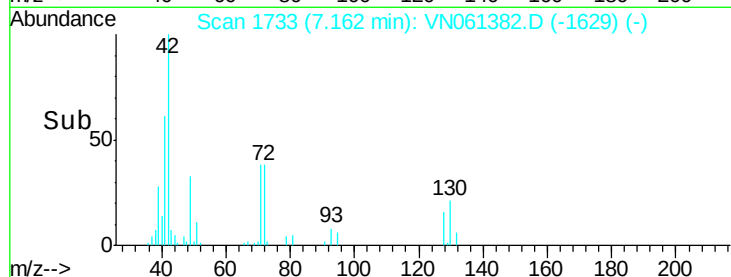
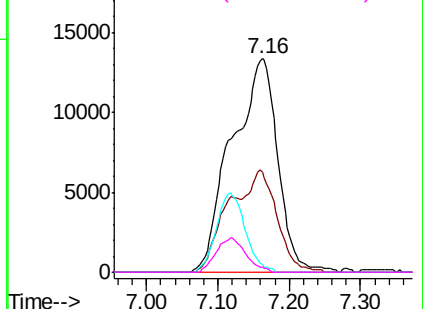
#41
Methacrylonitrile
Concen: 69.609 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.04 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	59594
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

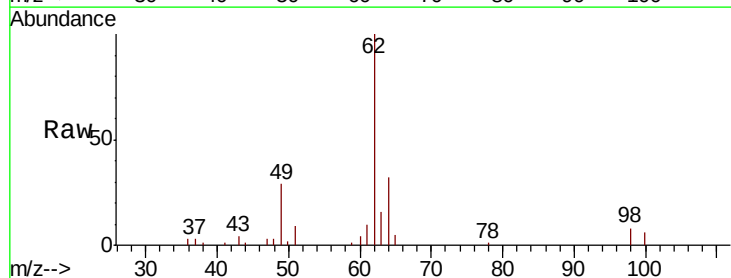


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

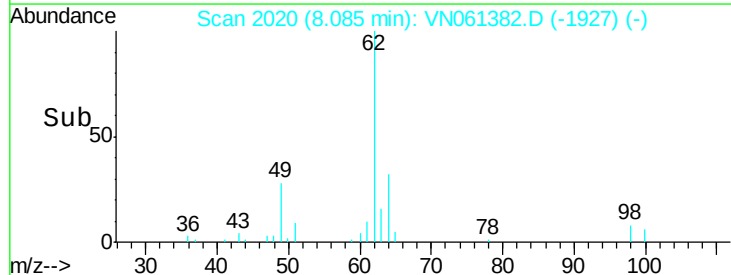
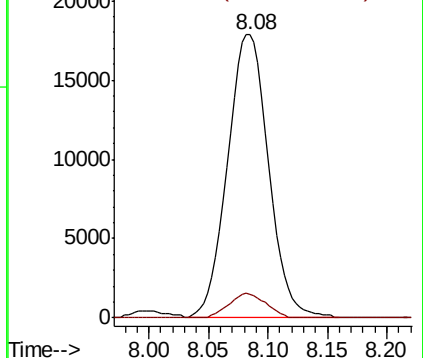


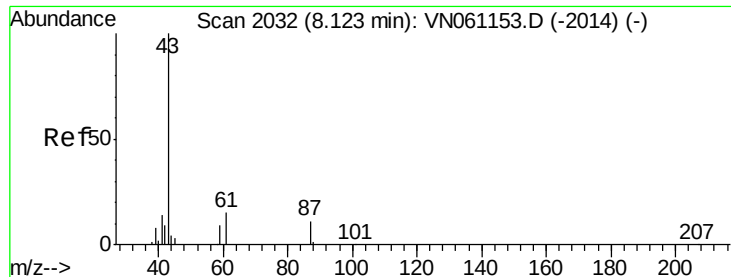
#42
1,2-Dichloroethane
Concen: 21.538 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion:	62	Resp:	42756
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.8



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





#43

Isopropyl Acetate

Concen: 19.635 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

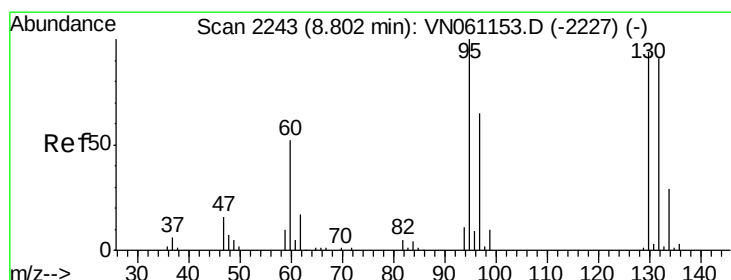
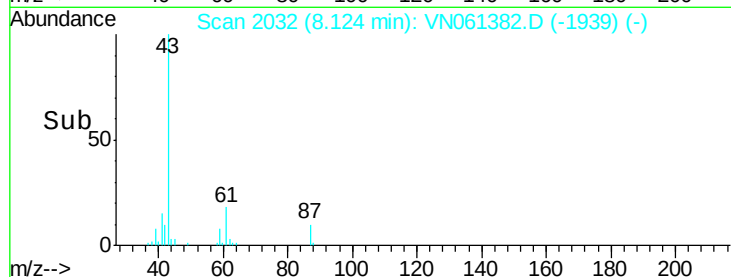
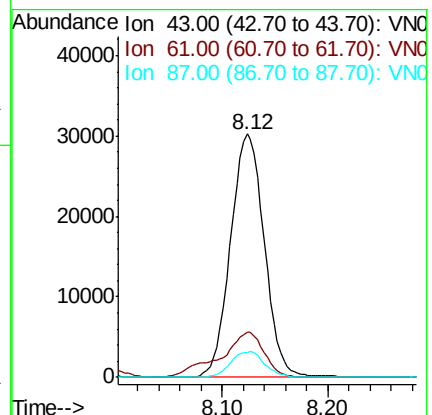
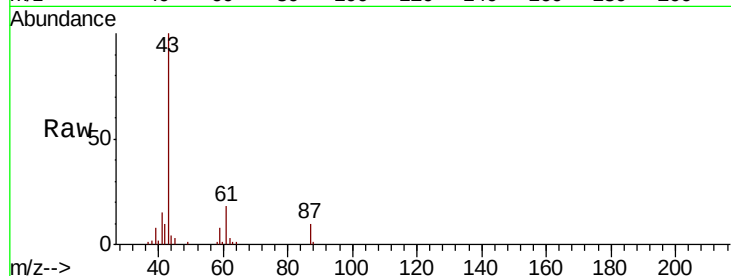
Tot Ion: 43 Resp: 67192

Ion Ratio Lower Upper

43 100

61 24.2 19.5 29.3

87 10.6 8.9 13.3



#44

Trichloroethene

Concen: 18.839 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061382.D

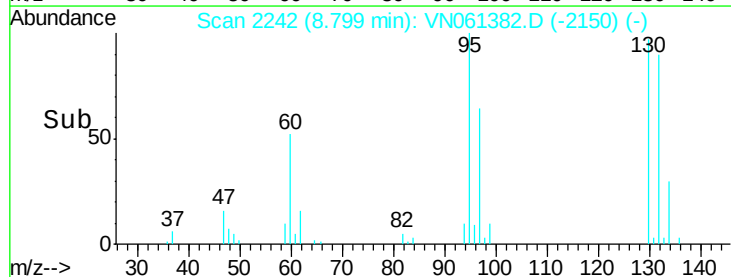
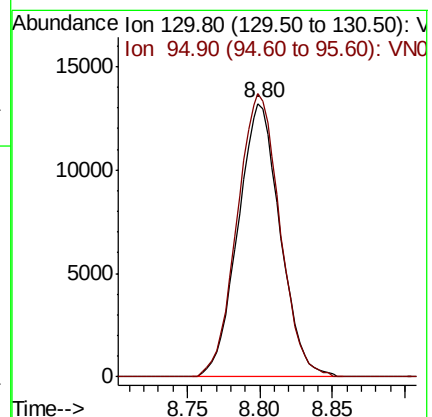
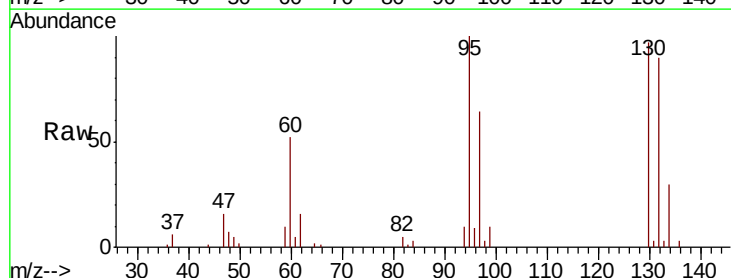
Acq: 11 May 2020 12:02

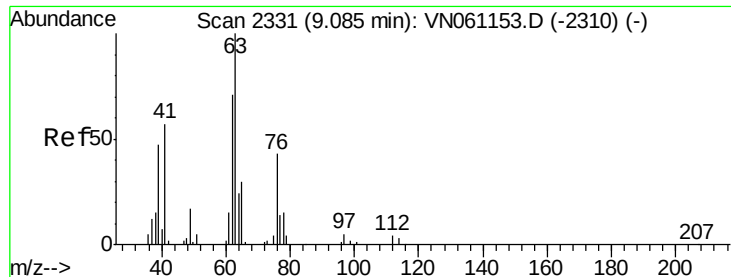
Tgt Ion: 130 Resp: 26686

Ion Ratio Lower Upper

130 100

95 103.5 0.0 212.4

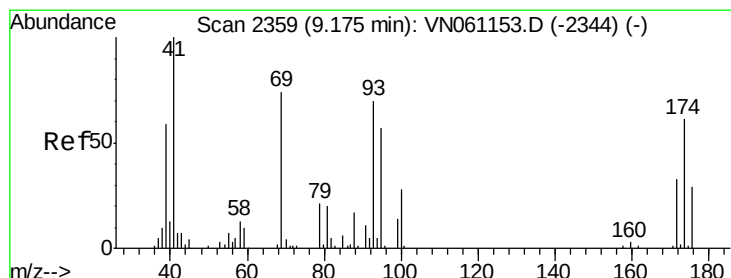
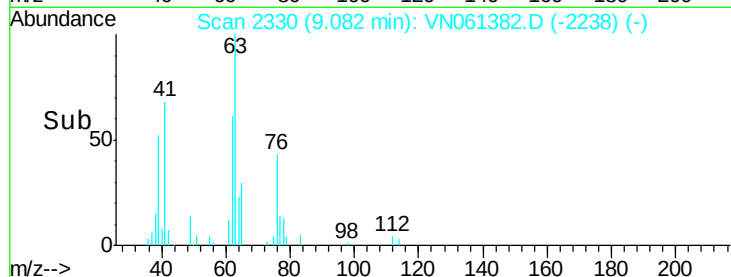
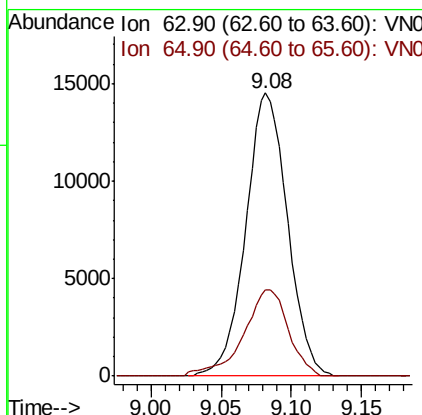
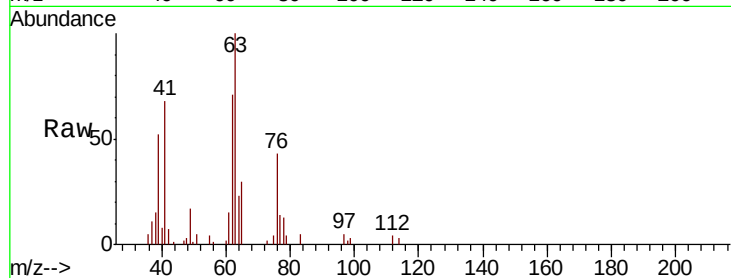




#45
 1,2-Dichloropropane
 Concen: 21.420 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

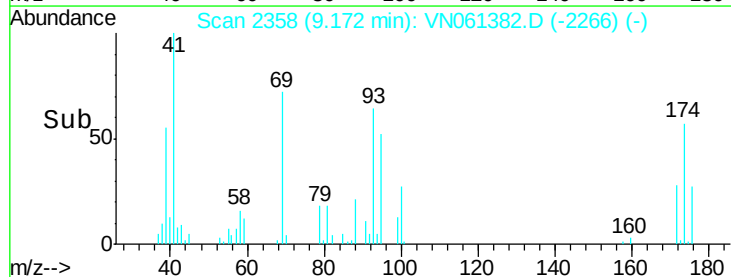
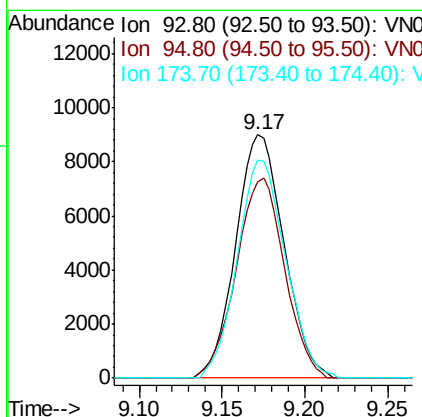
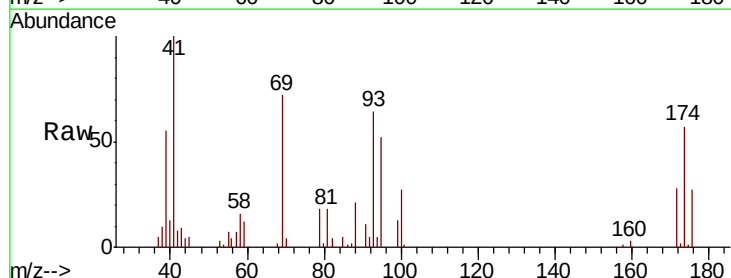
Instrument :
 MSVOA_N
 ClientSampleId :

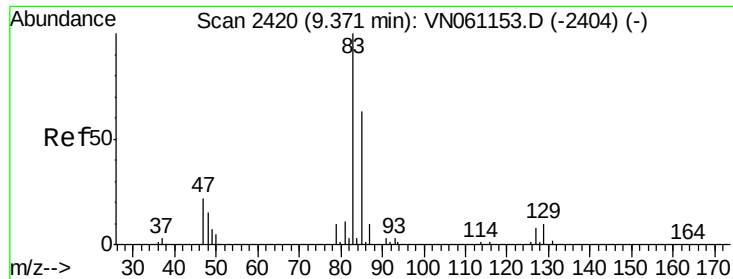
Tot Ion: 63 Resp: 29986
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1



#46
 Dibromomethane
 Concen: 21.024 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion: 93 Resp: 18223
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 99.8
 174 89.6 70.2 105.2





#47

Bromodichloromethane

Concen: 21.423 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

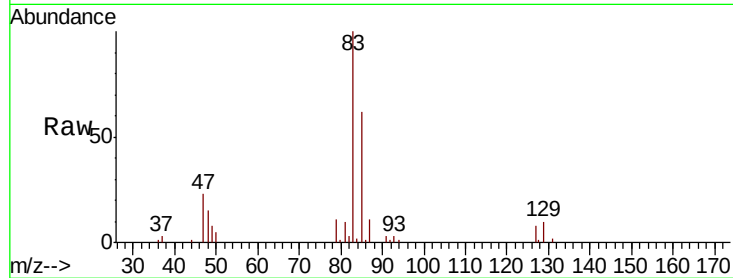
Tot Ion: 83 Resp: 39858

Ion Ratio Lower Upper

83 100

85 61.7 50.4 75.6

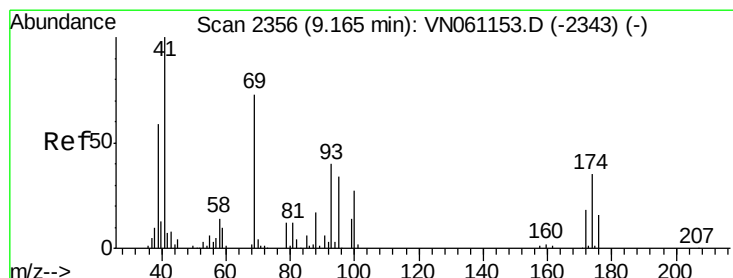
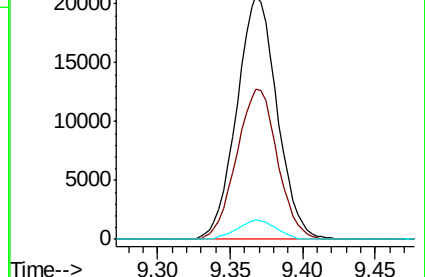
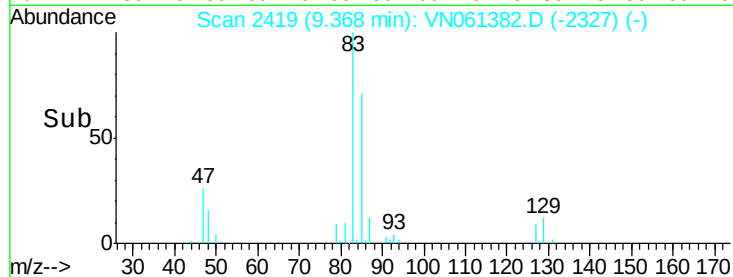
127 7.8 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061382.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061382.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061382.D (-2327) (-)



#48

Methyl methacrylate

Concen: 19.910 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

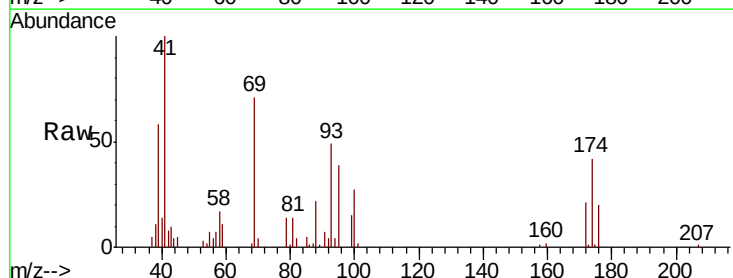
Tgt Ion: 41 Resp: 30745

Ion Ratio Lower Upper

41 100

69 72.1 60.3 90.5

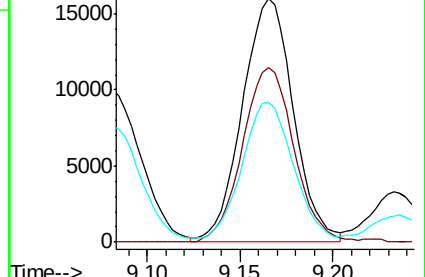
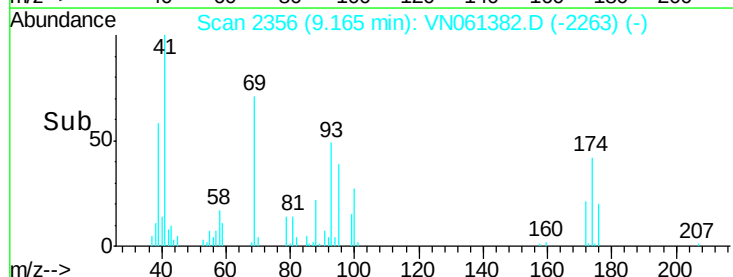
39 58.6 47.4 71.0

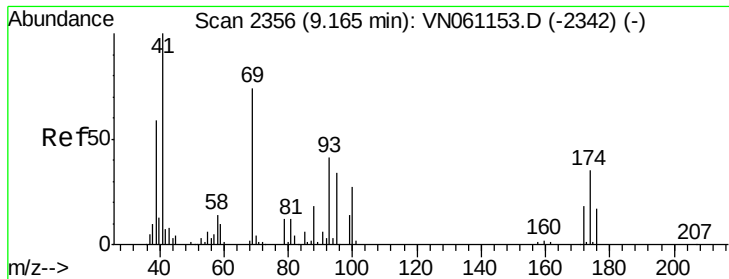


Abundance Ion 41.00 (40.70 to 41.70): VN061382.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061382.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061382.D (-2263) (-)

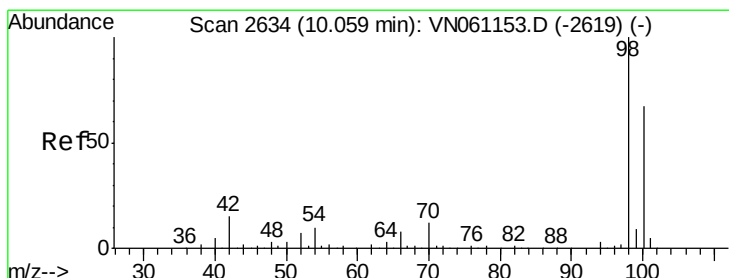
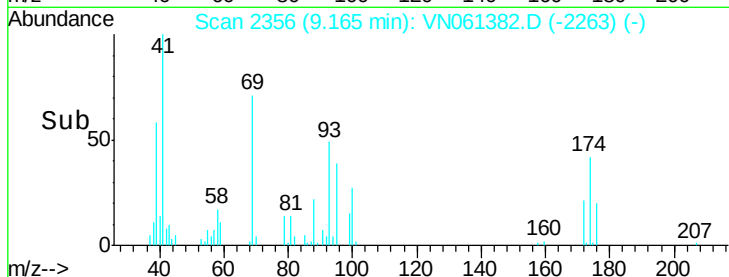
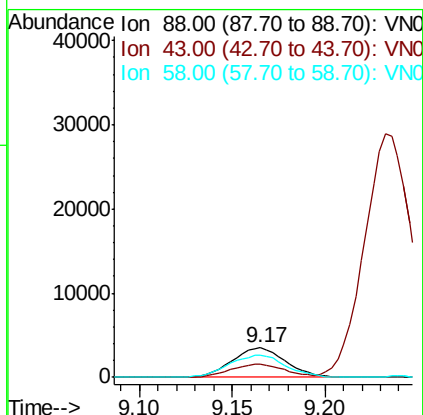
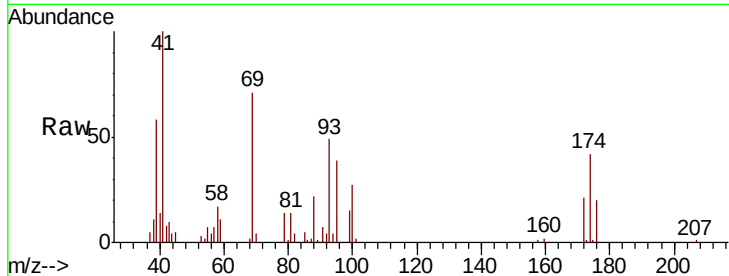




#49
1,4-Dioxane
Concen: 401.914 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

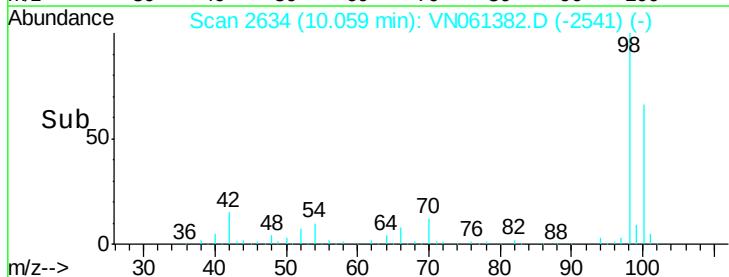
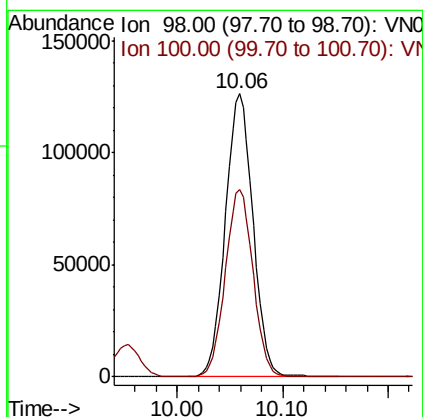
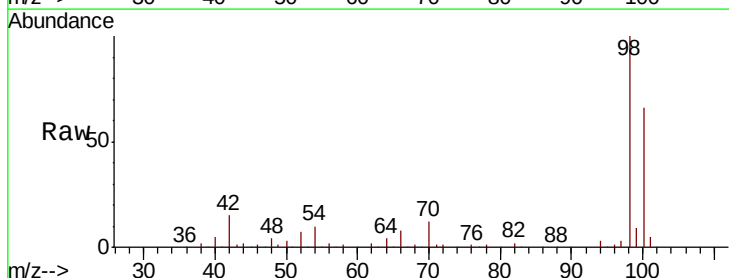
Instrument :
MSVOA_N
ClientSampled :

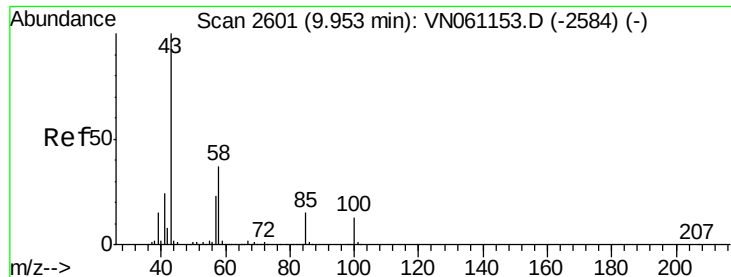
Tot Ion: 88 Resp: 7045
Ion Ratio Lower Upper
88 100
43 45.1 35.3 52.9
58 78.7 61.5 92.3



#50
Toluene-d8
Concen: 54.033 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 98 Resp: 228848
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

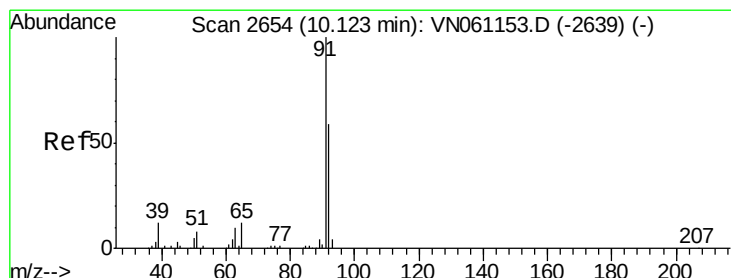
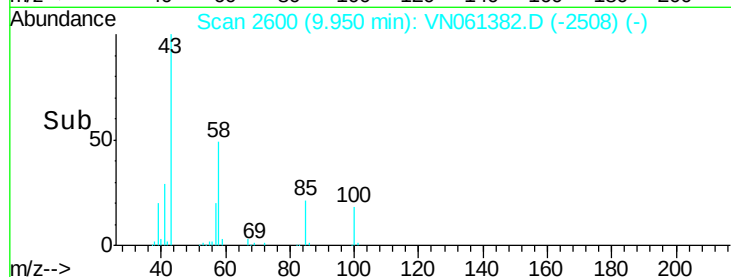
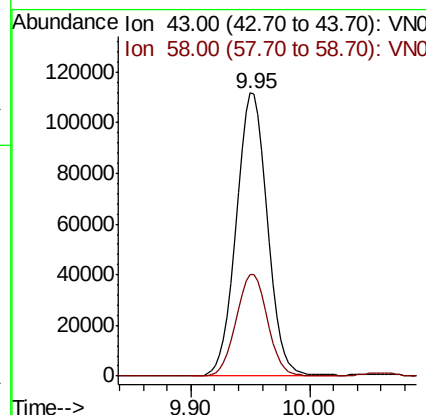
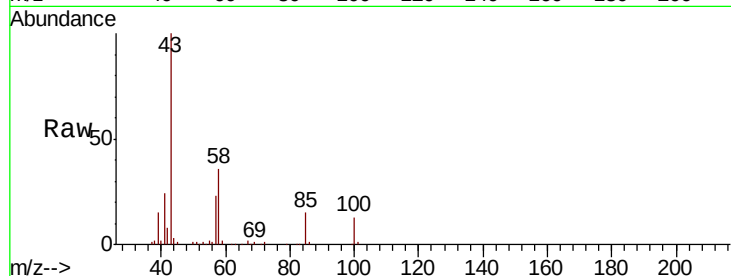




#51
4-Methyl-2-Pentanone
Concen: 100.879 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

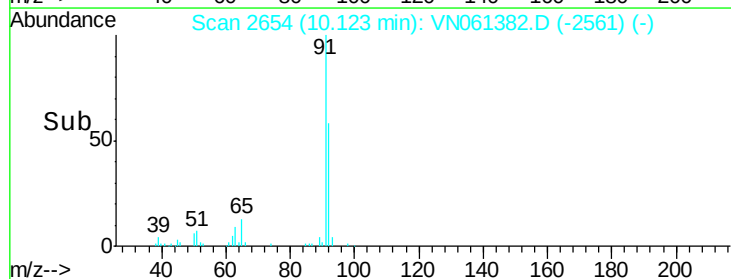
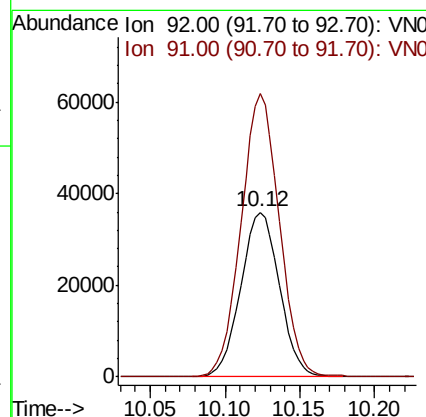
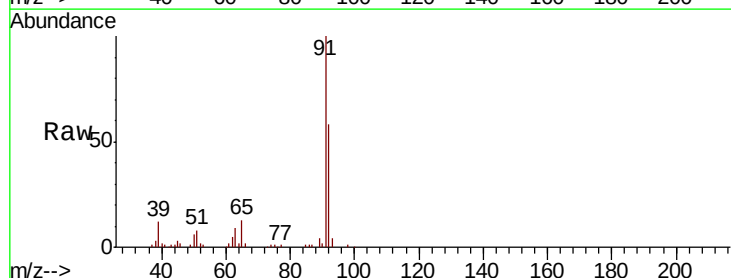
Instrument :
MSVOA_N
ClientSampleId :

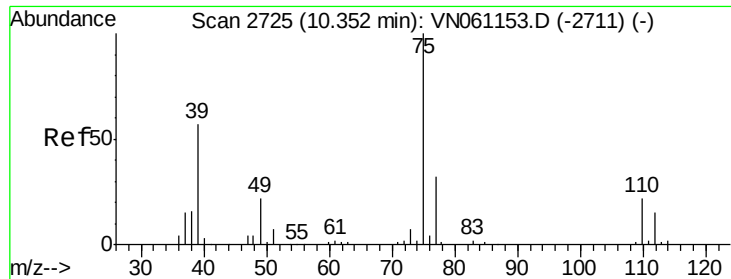
Tot Ion: 43 Resp: 203197
Ion Ratio Lower Upper
43 100
58 36.3 29.1 43.7



#52
Toluene
Concen: 20.534 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 92 Resp: 64809
Ion Ratio Lower Upper
92 100
91 169.9 136.2 204.2

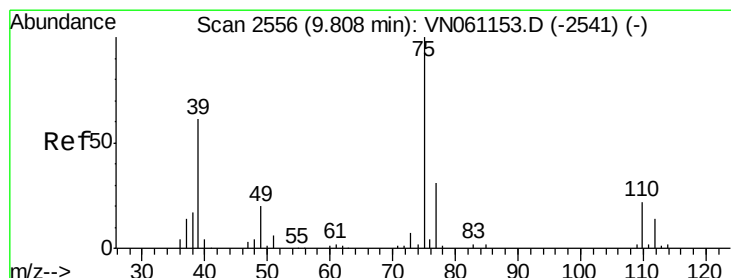
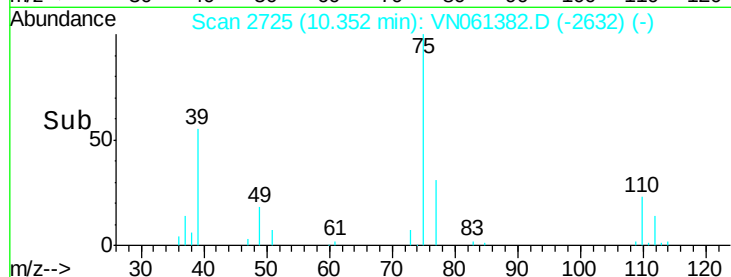
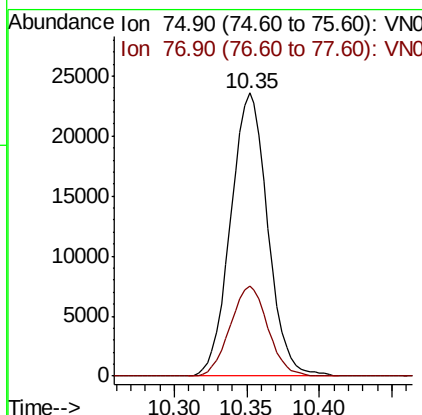
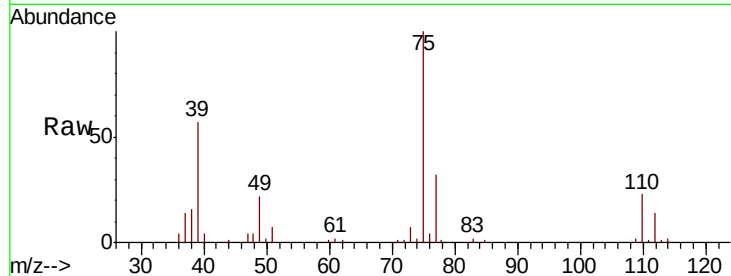




#53
t-1,3-Dichloropropene
Concen: 19.918 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

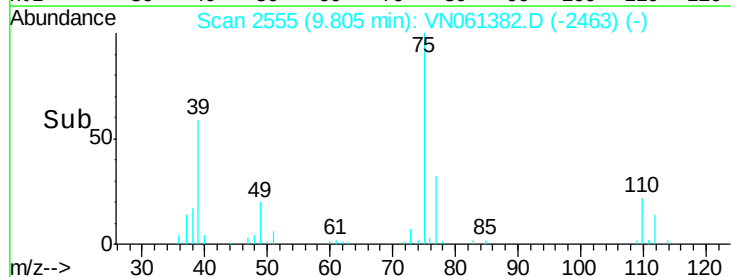
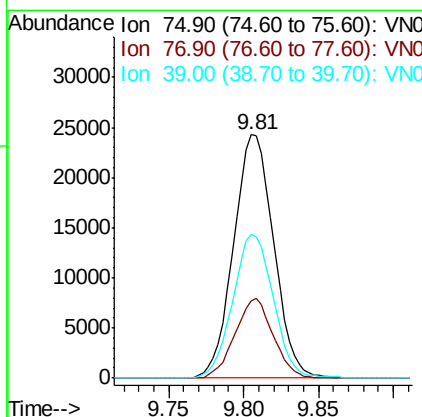
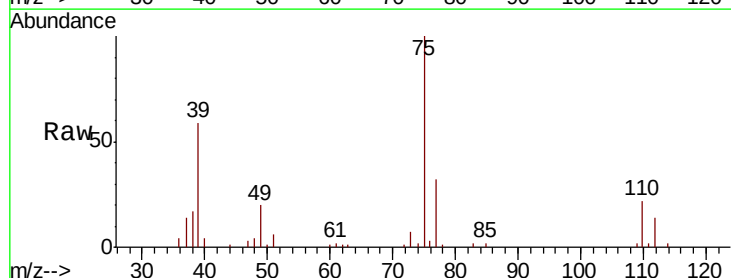
Instrument :
MSVOA_N
ClientSampled :

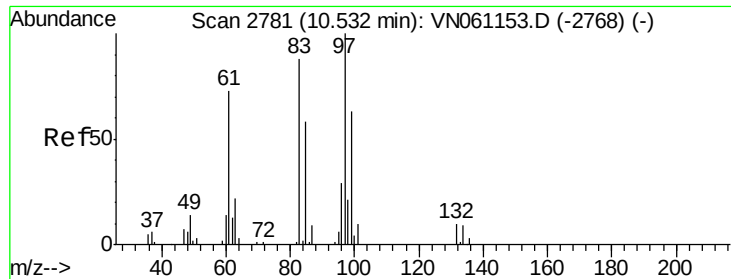
Tot Ion: 75 Resp: 41756
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 20.478 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 75 Resp: 45384
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 59.0 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 20.542 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

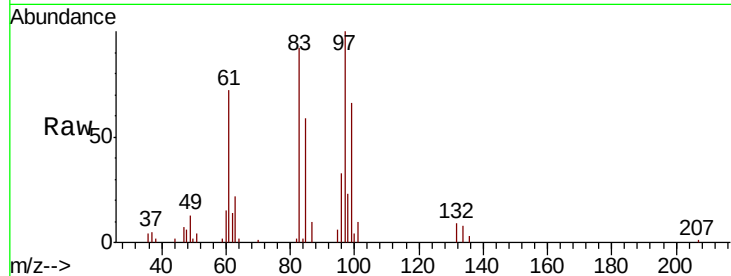
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 25861

Ion	Ratio	Lower	Upper
97	100		
83	92.1	70.6	106.0
85	58.8	46.4	69.6
99	65.8	50.6	75.8

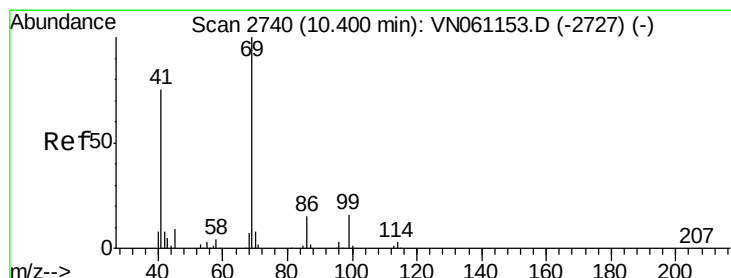
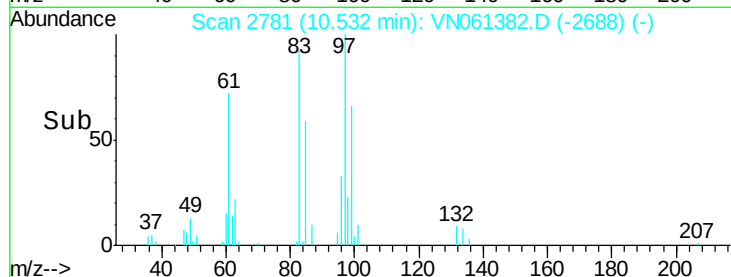


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.826 ug/l

RT: 10.40 min Scan# 2740

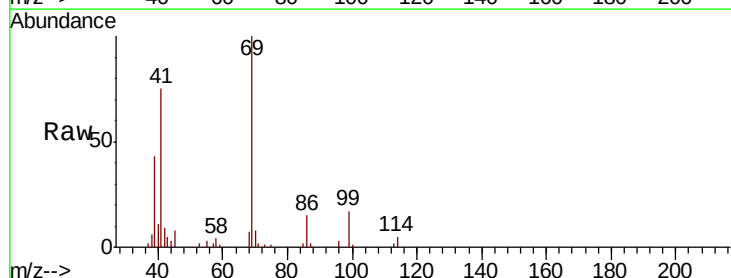
Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion: 69 Resp: 37354

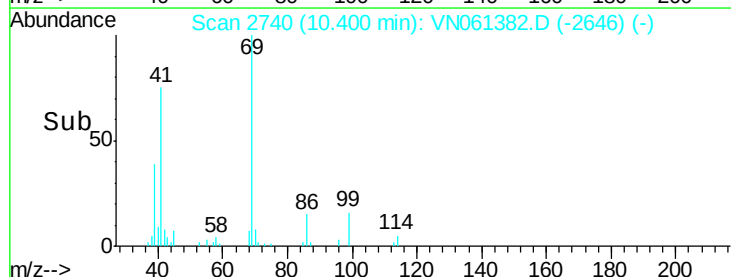
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.3	90.5
39	44.5	35.9	53.9

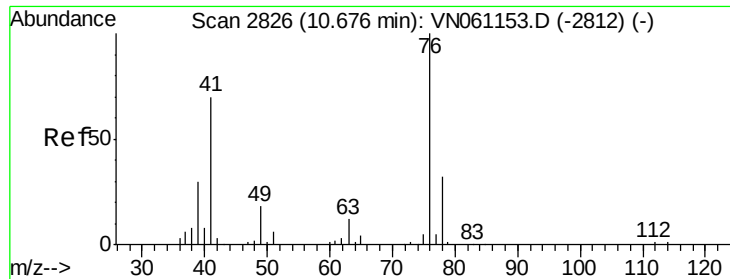


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

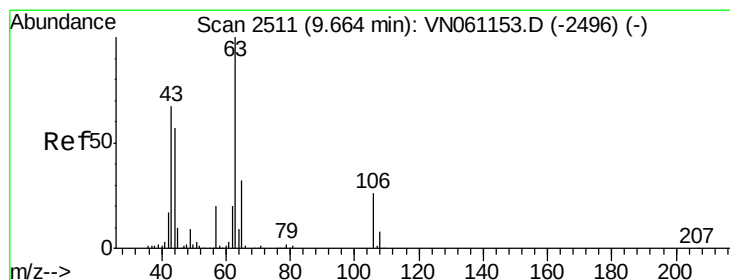
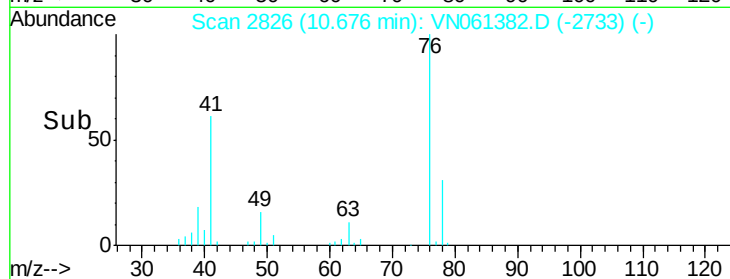
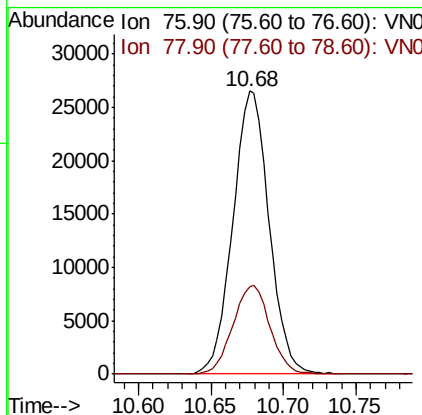
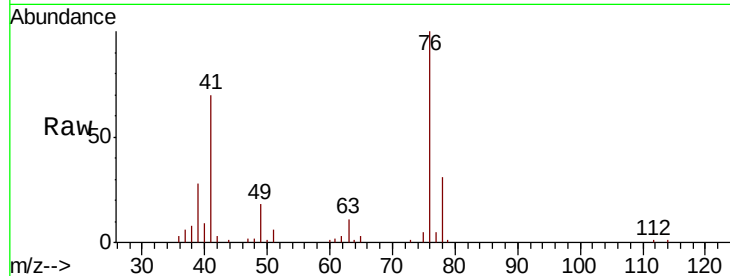




#57
 1,3-Dichloropropane
 Concen: 20.781 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

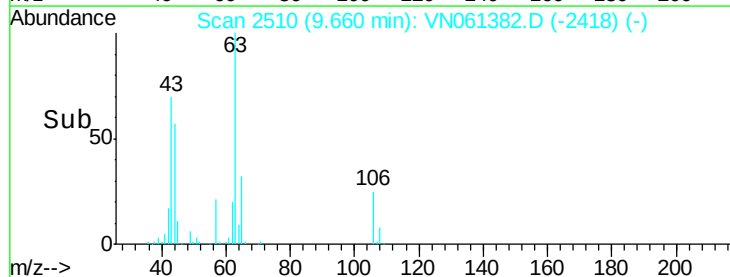
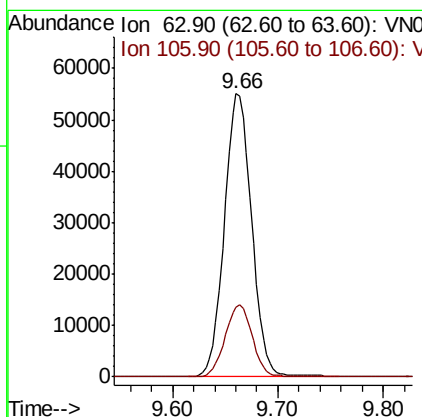
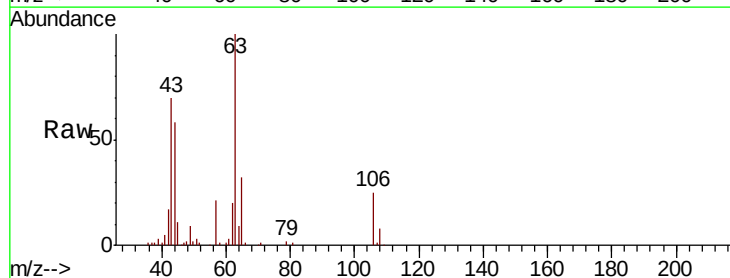
Instrument :
 MSVOA_N
 ClientSampled :

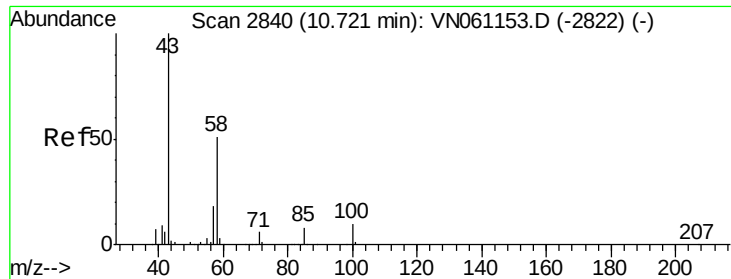
Tot Ion: 76 Resp: 45987
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.575 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion: 63 Resp: 98414
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.6 30.8

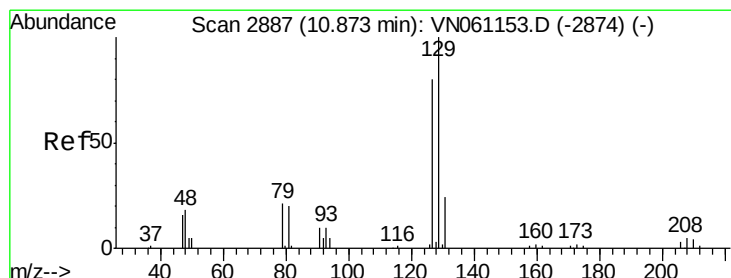
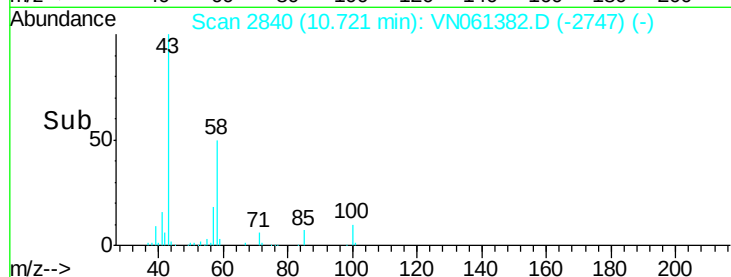
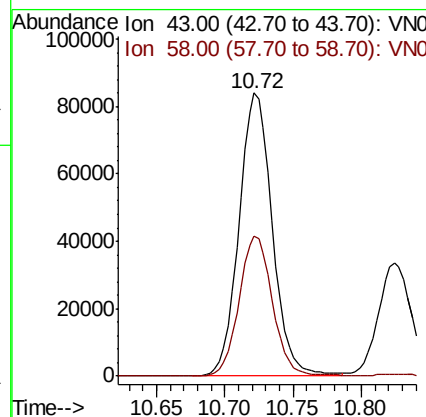
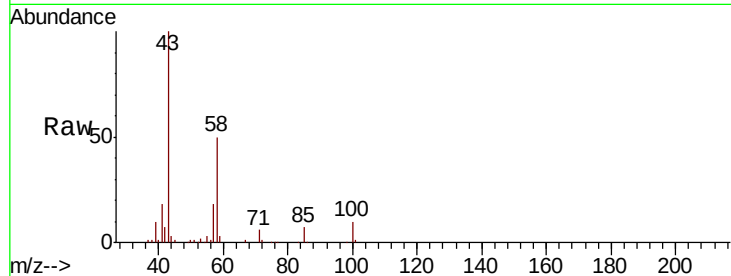




#59
2-Hexanone
Concen: 97.138 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

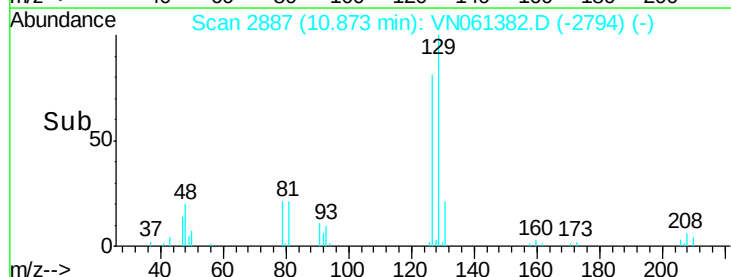
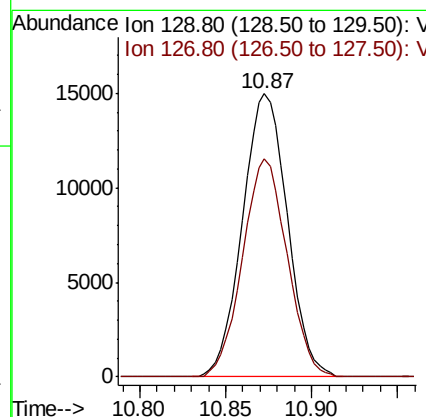
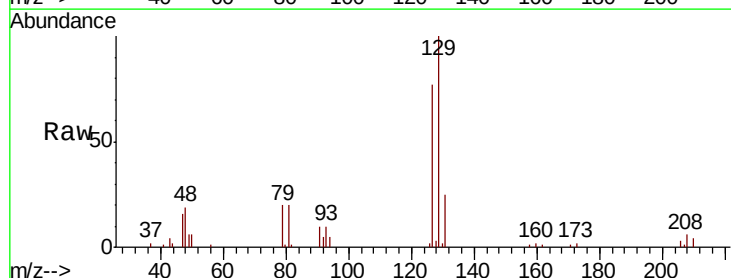
Instrument :
MSVOA_N
ClientSampled :

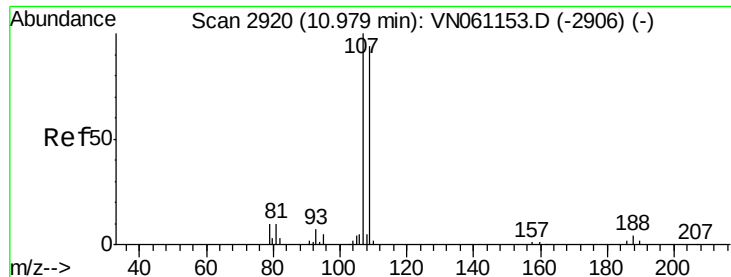
Tot Ion: 43 Resp: 142349
Ion Ratio Lower Upper
43 100
58 49.6 25.4 76.4



#60
Dibromochloromethane
Concen: 20.642 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 129 Resp: 27217
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.8

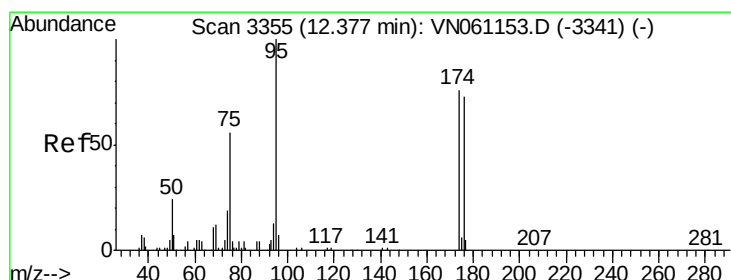
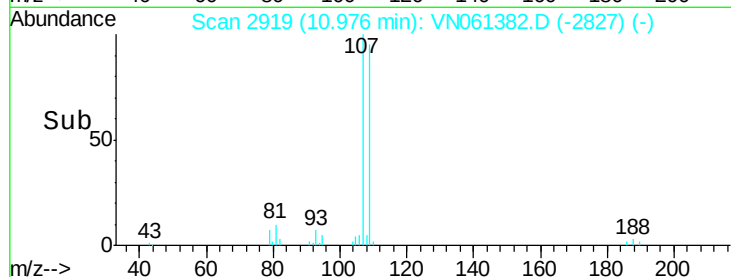
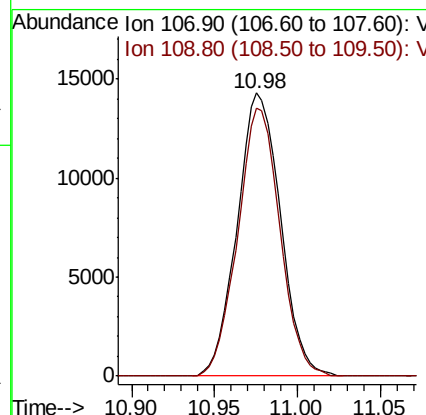
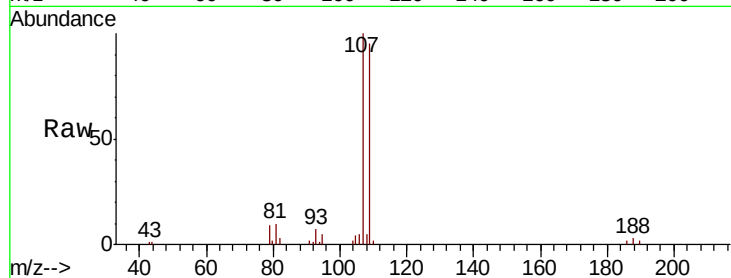




#61
 1,2-Dibromoethane
 Concen: 20.540 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

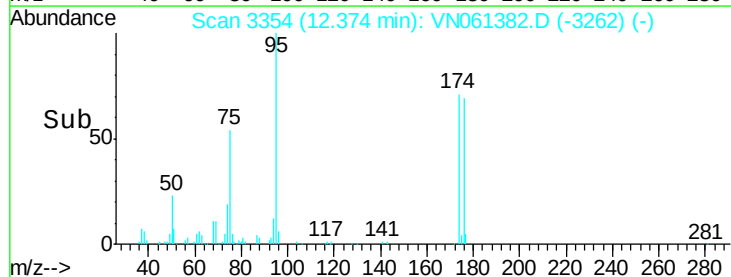
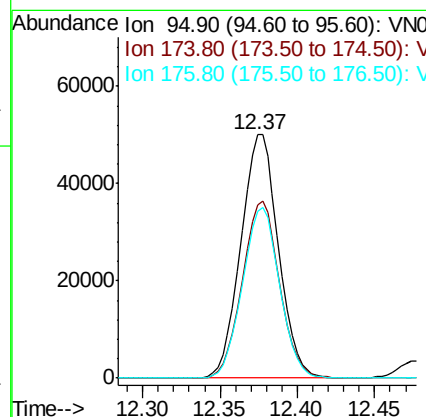
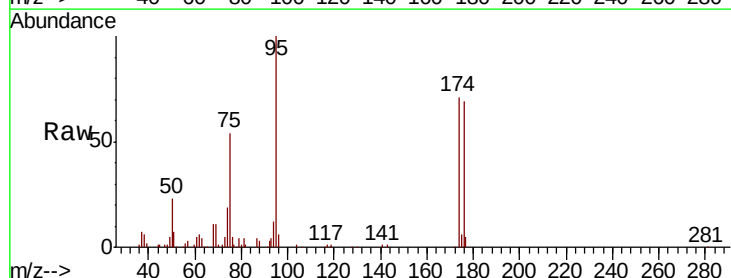
Instrument :
 MSVOA_N
 ClientSampleId :

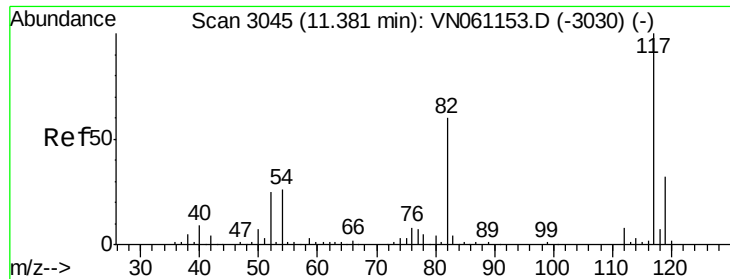
Tot Ion:107 Resp: 25918
 Ion Ratio Lower Upper
 107 100
 109 92.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 52.840 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion: 95 Resp: 84218
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 149.4
 176 69.6 0.0 144.8

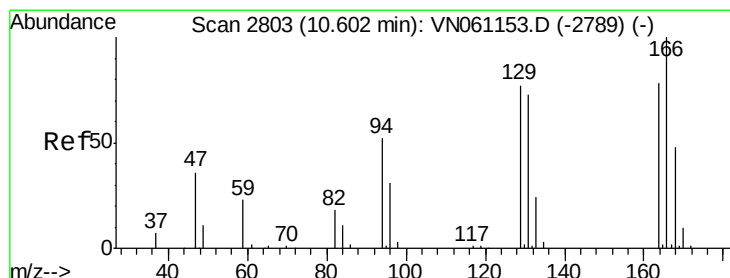
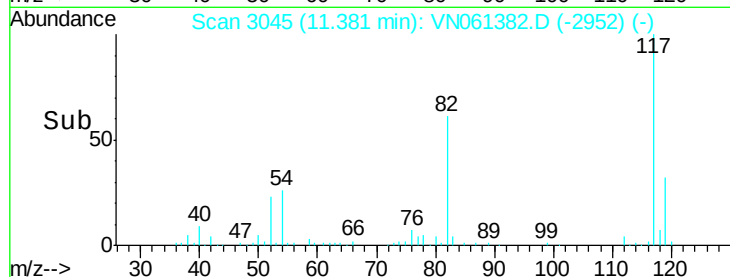
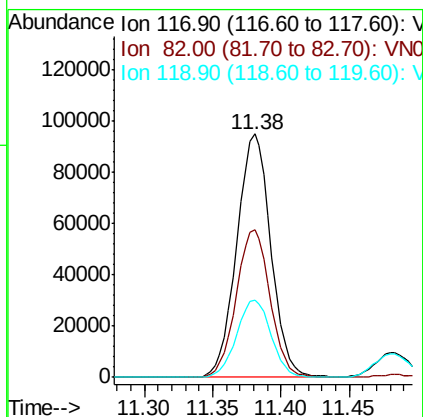
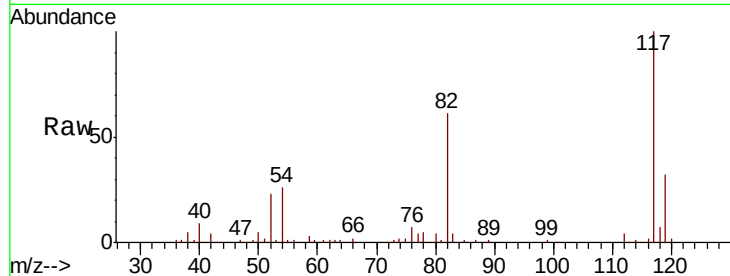




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

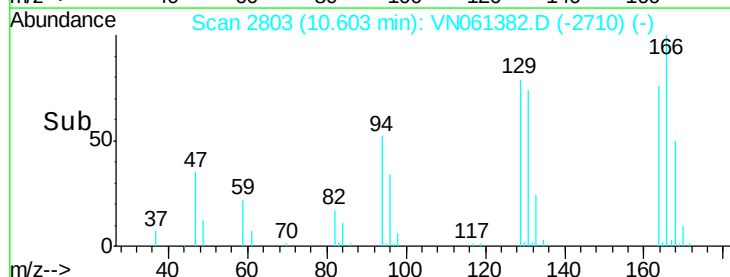
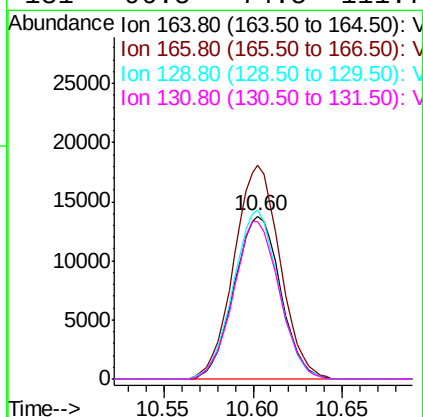
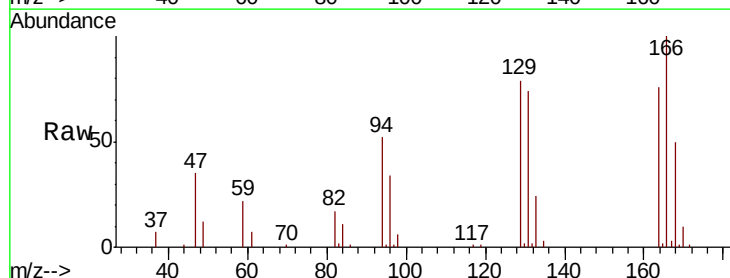
Instrument :
MSVOA_N
ClientSampleId :

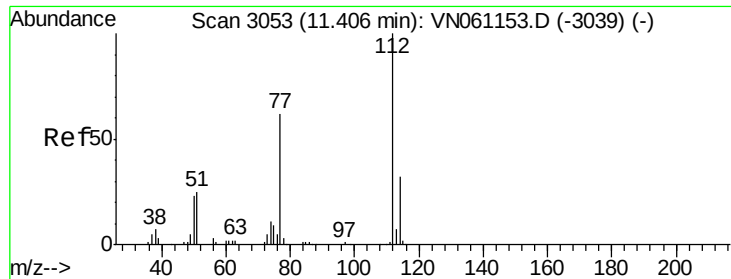
Tot Ion:117 Resp: 164829
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 17.436 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion:164 Resp: 24891
Ion Ratio Lower Upper
164 100
166 131.1 102.0 153.0
129 103.7 78.2 117.2
131 96.5 74.5 111.7

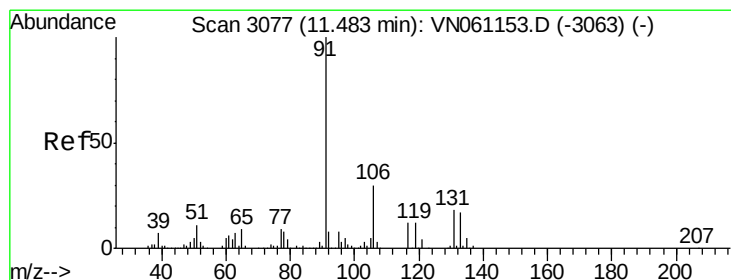
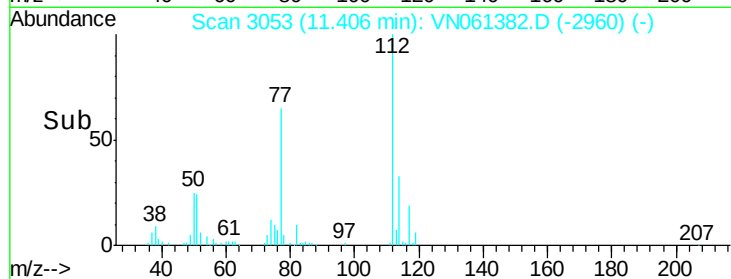
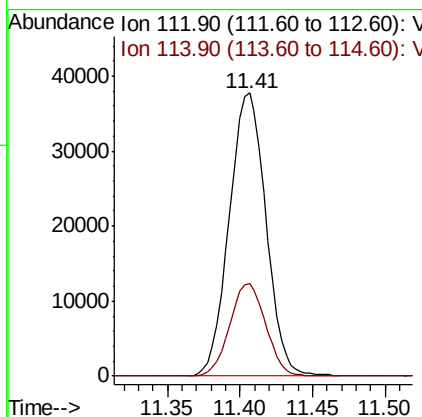
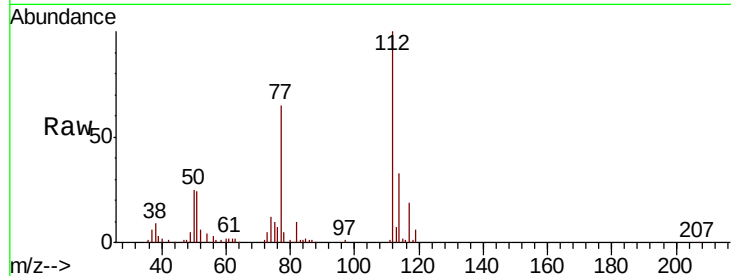




#65
Chlorobenzene
Concen: 20.278 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

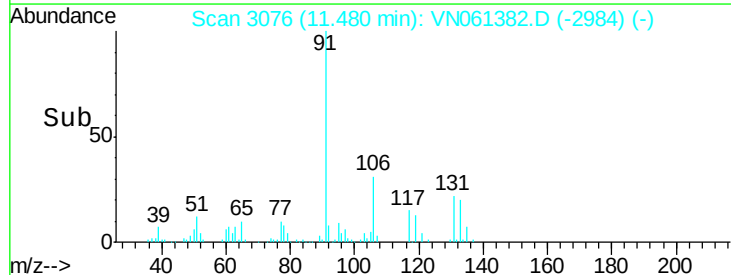
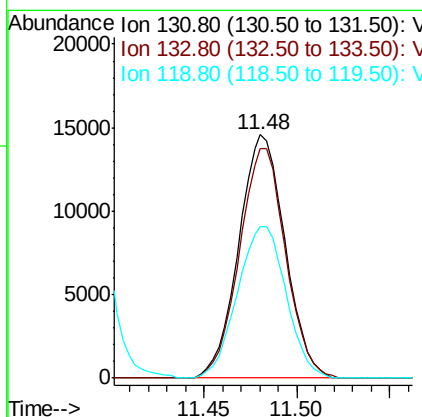
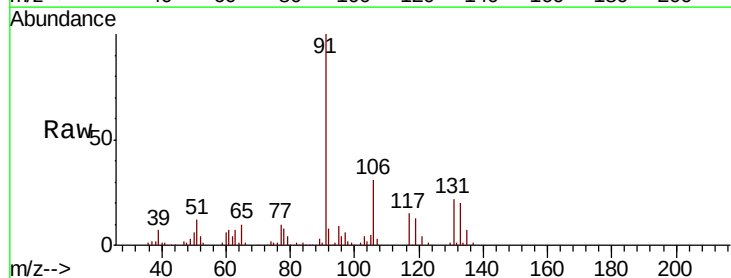
Instrument :
MSVOA_N
ClientSampleId :

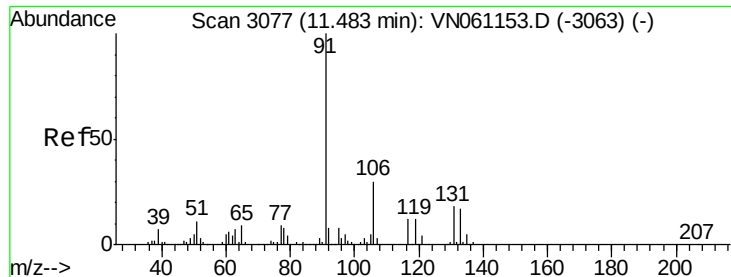
Tot Ion:112 Resp: 66303
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.642 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion:131 Resp: 25326
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.2
119 65.4 32.6 97.8

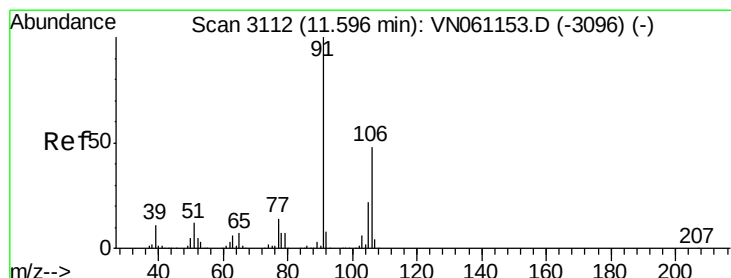
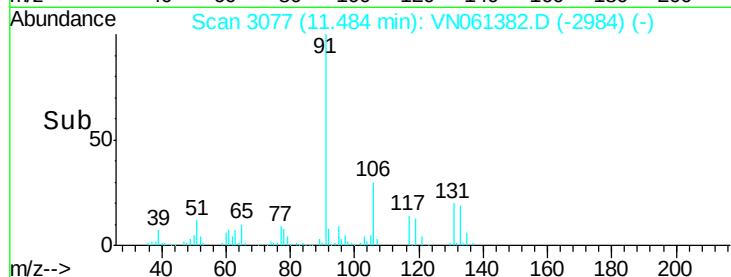
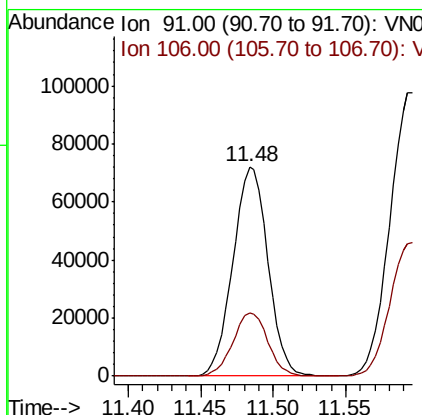
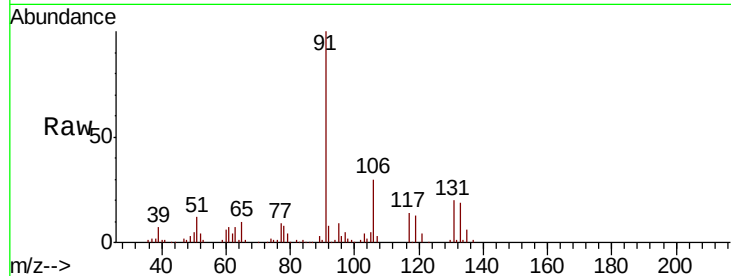




#67
Ethyl Benzene
Concen: 19.729 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

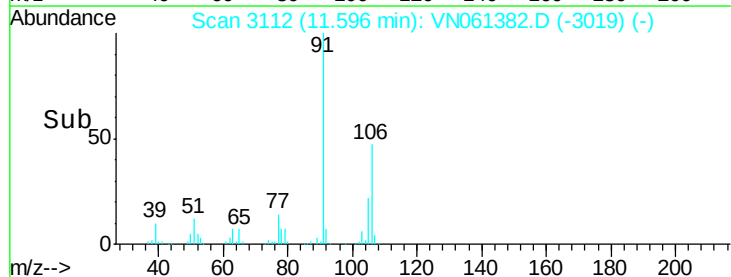
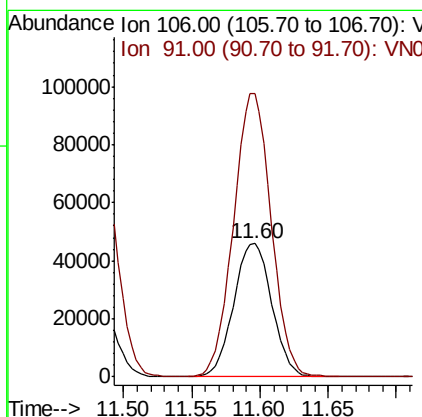
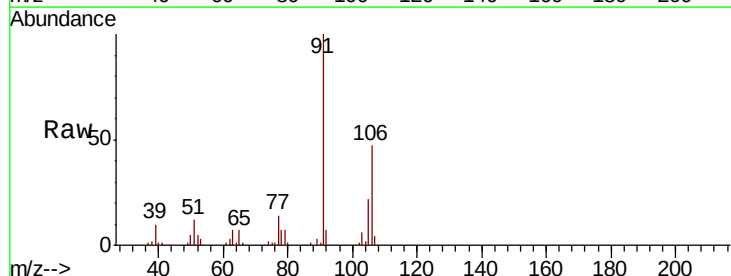
Instrument :
MSVOA_N
ClientSampled :

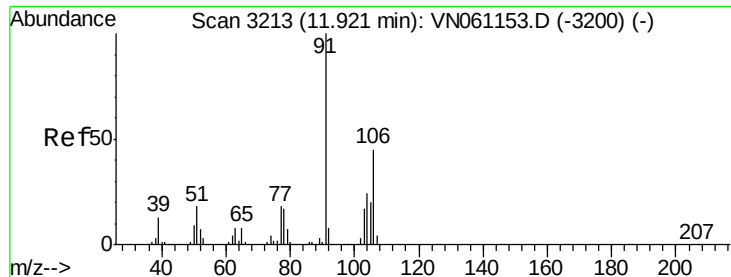
Tot Ion: 91 Resp: 120759
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6



#68
m/p-Xylenes
Concen: 39.819 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 106 Resp: 89209
Ion Ratio Lower Upper
106 100
91 209.9 166.4 249.6

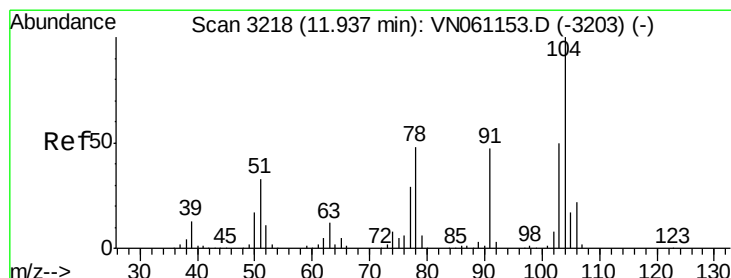
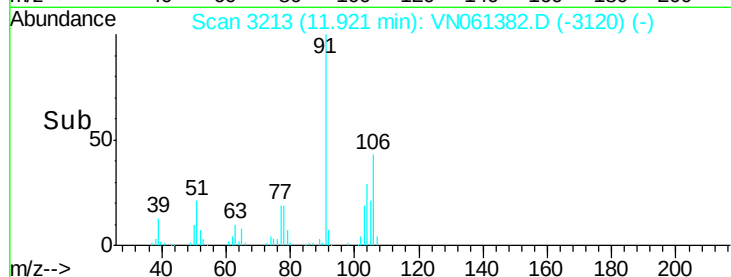
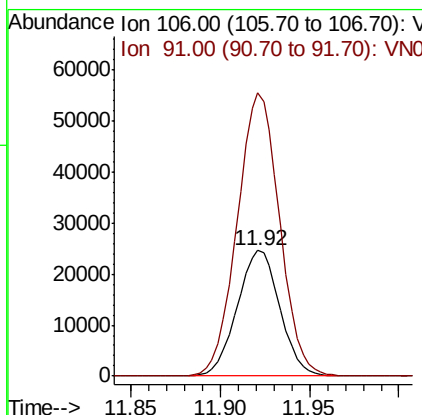
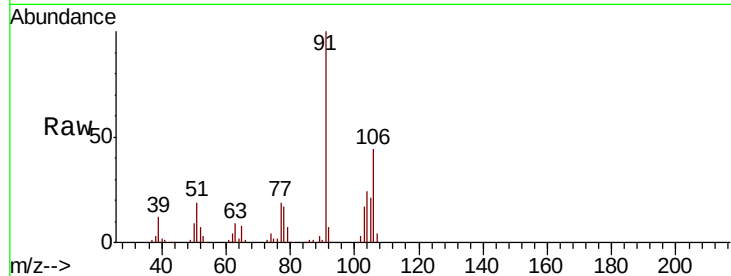




#69
o-Xylene
Concen: 19.133 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

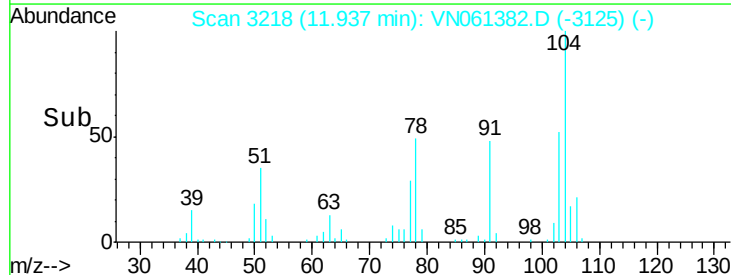
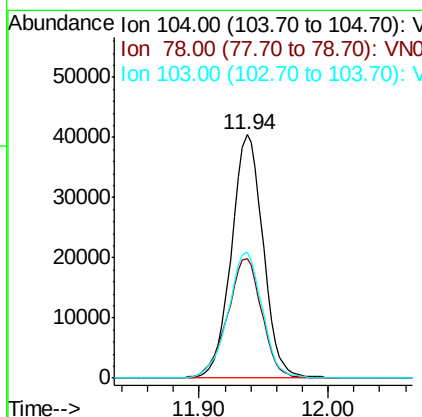
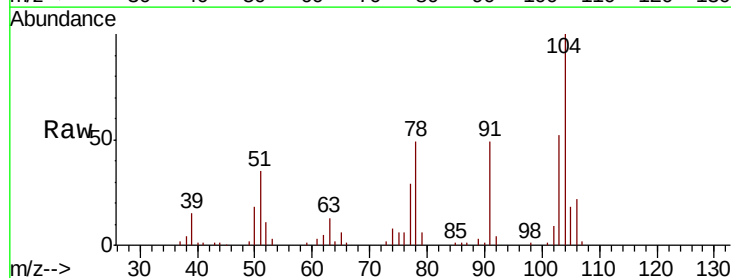
Instrument :
MSVOA_N
ClientSampled :

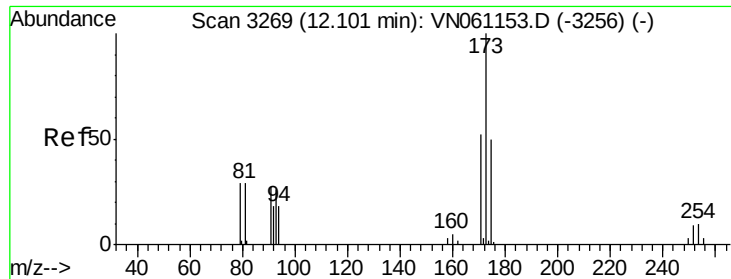
Tot Ion:106 Resp: 41175
Ion Ratio Lower Upper
106 100
91 224.4 109.7 329.0



#70
Styrene
Concen: 19.160 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion:104 Resp: 69010
Ion Ratio Lower Upper
104 100
78 53.6 42.1 63.1
103 55.8 43.3 64.9





#71

Bromoform

Concen: 20.523 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

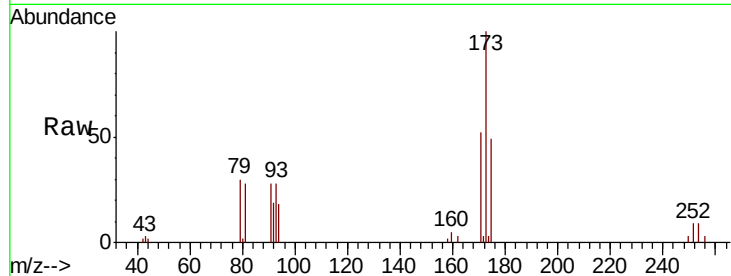
Tot Ion:173 Resp: 17651

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

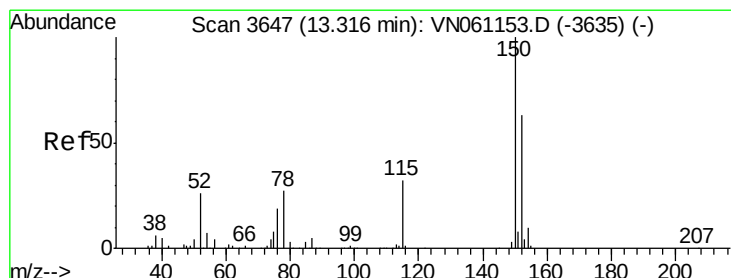
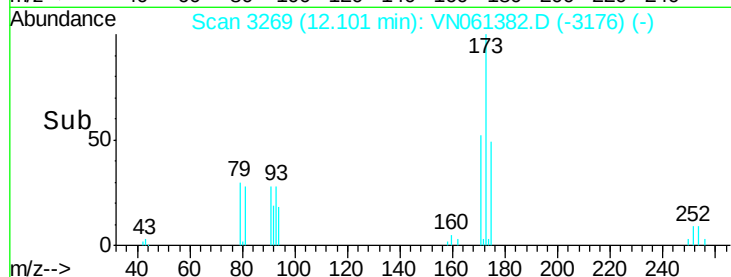
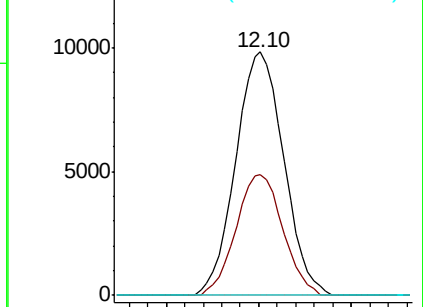
254 0.0 0.0 0.0



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: VN061382.D

Acq: 11 May 2020 12:02

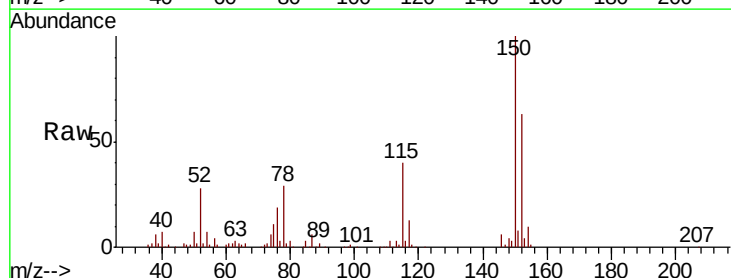
Tgt Ion:152 Resp: 78181

Ion Ratio Lower Upper

152 100

115 62.8 31.0 93.0

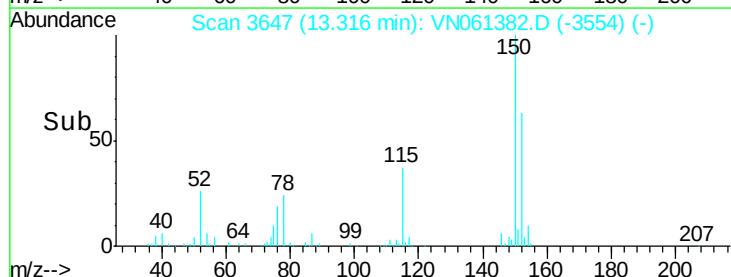
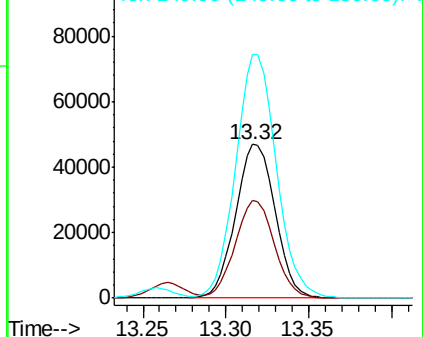
150 162.9 0.0 351.8

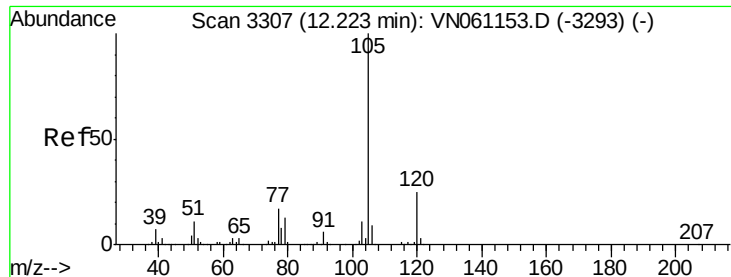


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.874 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

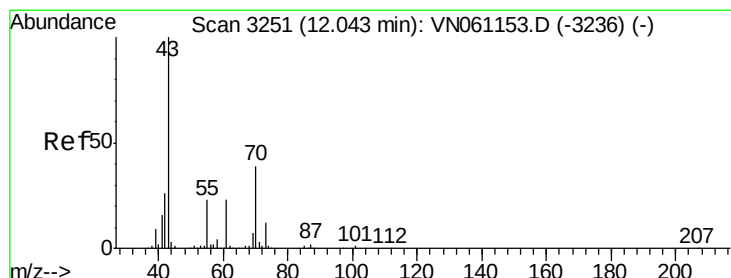
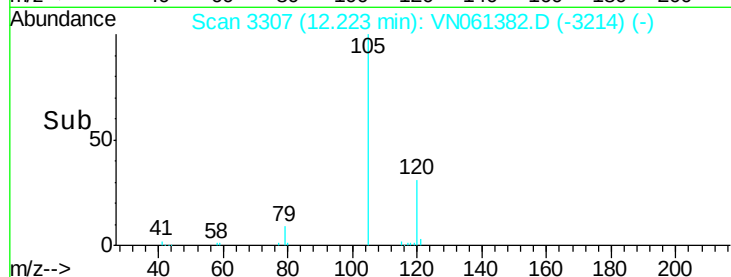
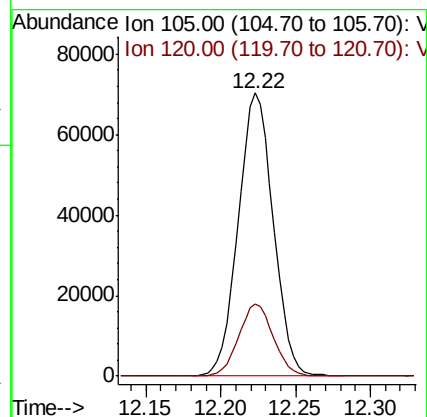
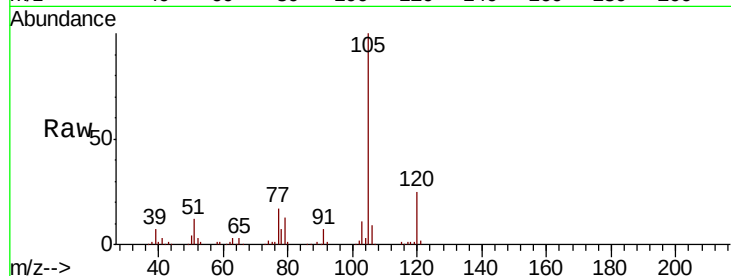
ClientSampleId :

Tot Ion:105 Resp: 114224

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.8



#74

N-ethyl acetate

Concen: 18.581 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion: 43 Resp: 54078

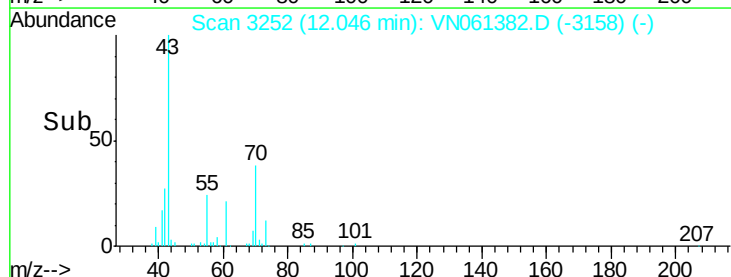
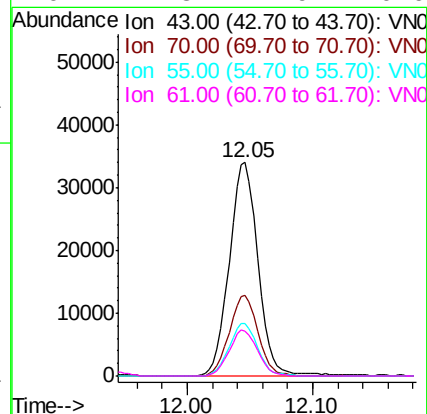
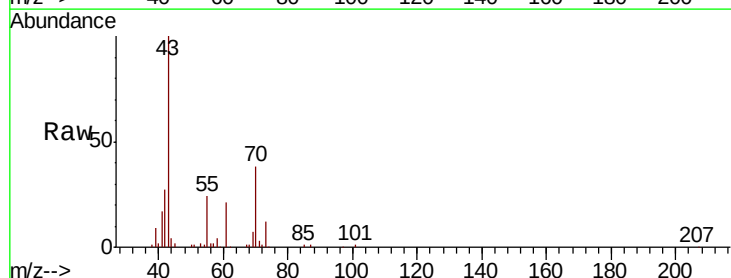
Ion Ratio Lower Upper

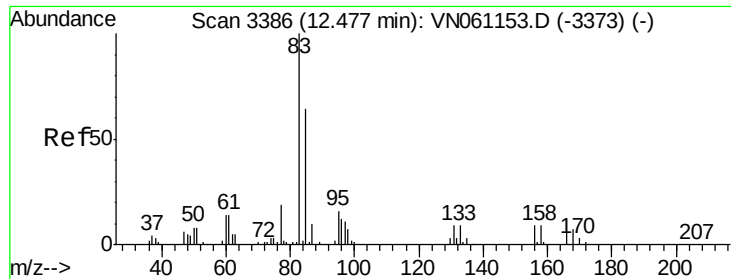
43 100

70 37.5 30.6 46.0

55 24.3 18.5 27.7

61 21.3 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.998 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

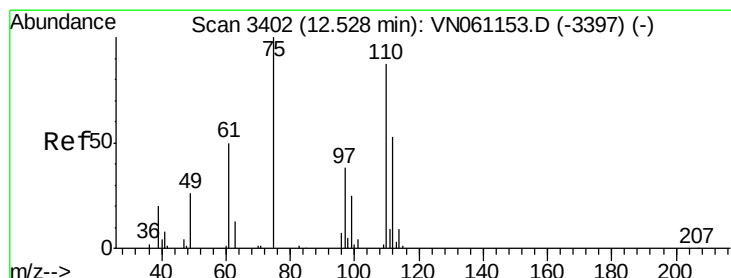
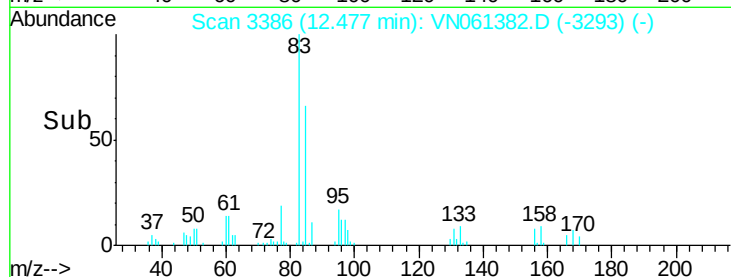
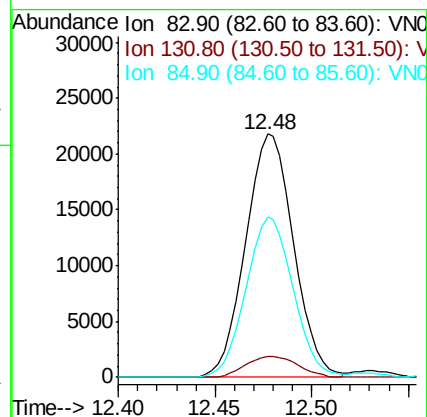
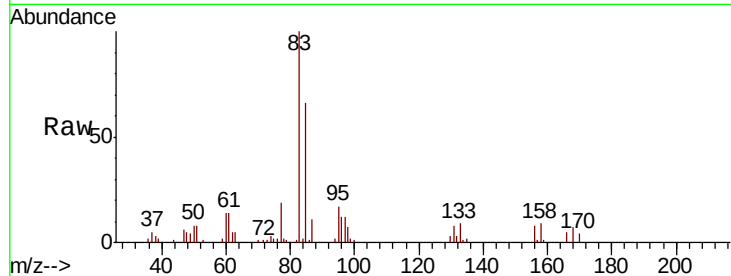
Tot Ion: 83 Resp: 37632

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 30.308 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061382.D

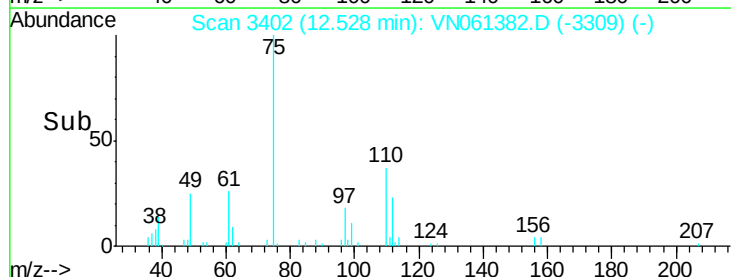
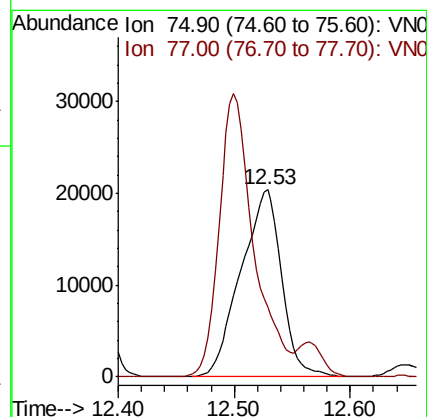
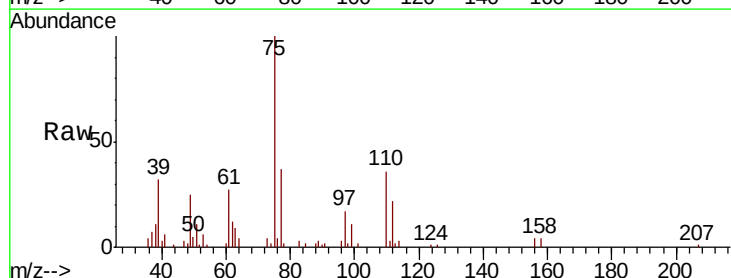
Acq: 11 May 2020 12:02

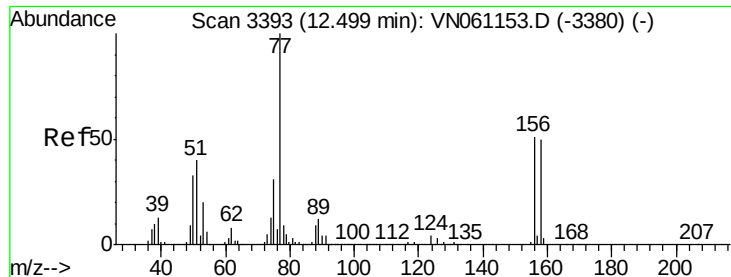
Tgt Ion: 75 Resp: 49955

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.100 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

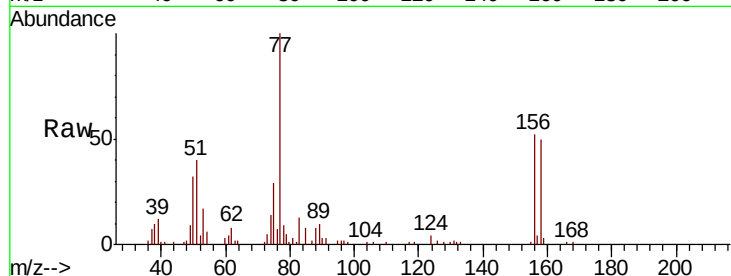
Tot Ion:156 Resp: 26668

Ion Ratio Lower Upper

156 100

77 241.0 117.4 352.2

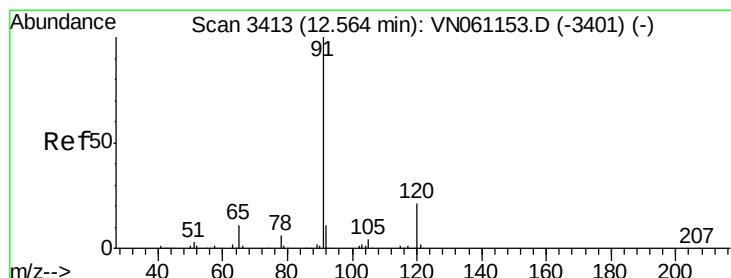
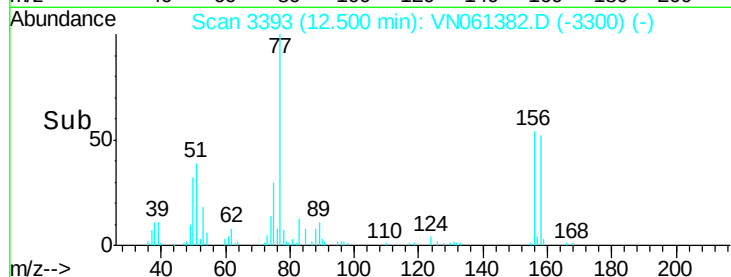
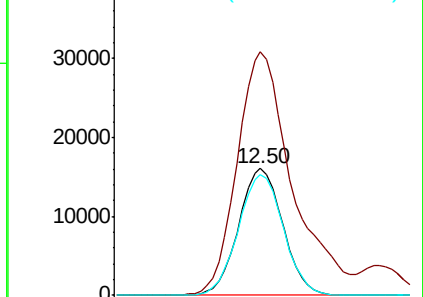
158 97.1 48.4 145.0



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: 19.966 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061382.D

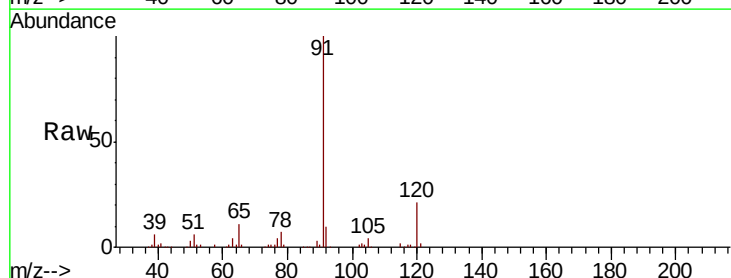
Acq: 11 May 2020 12:02

Tgt Ion: 91 Resp: 136114

Ion Ratio Lower Upper

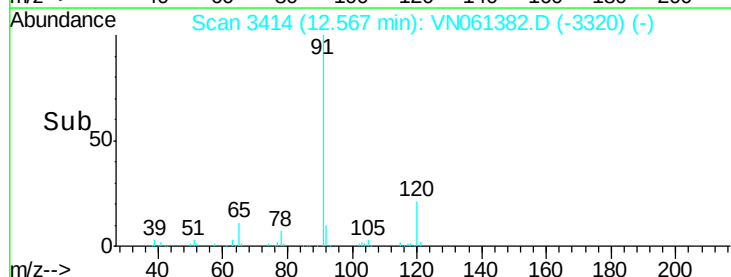
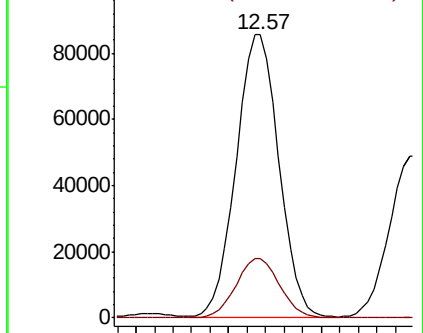
91 100

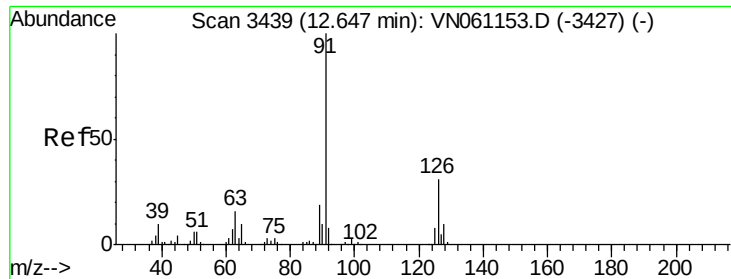
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

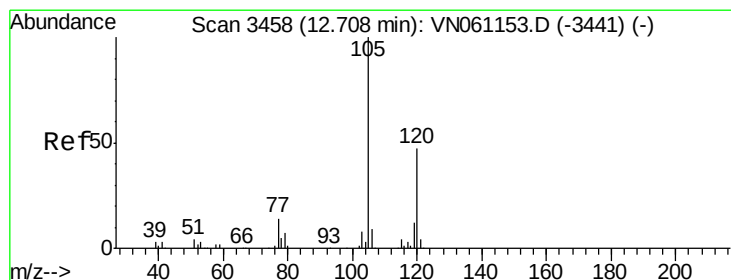
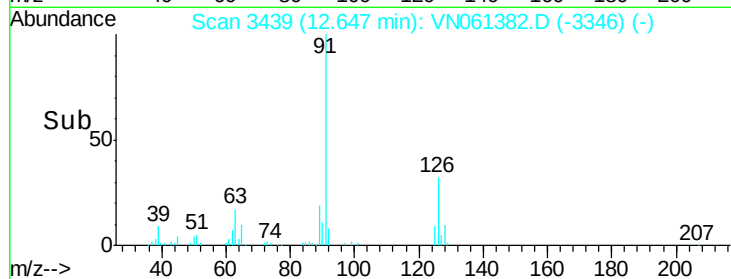
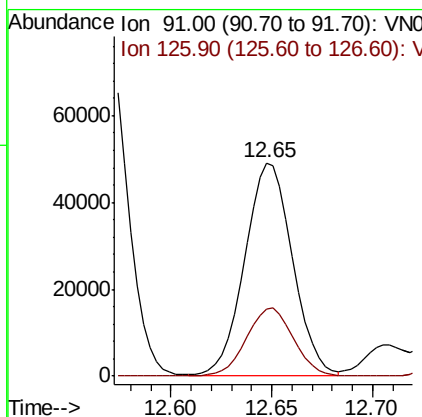
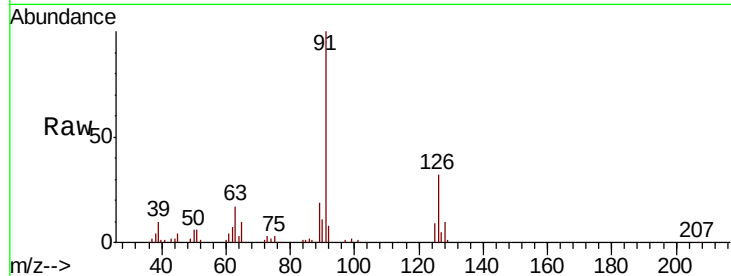




#79
 2-Chlorotoluene
 Concen: 20.180 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

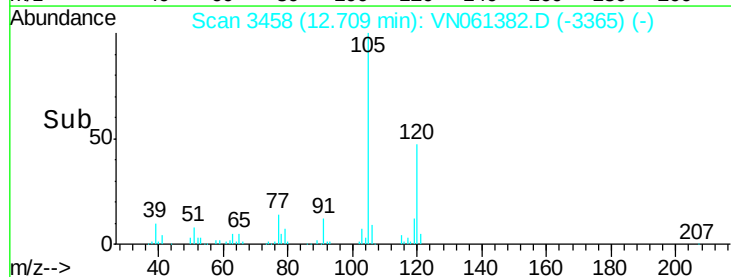
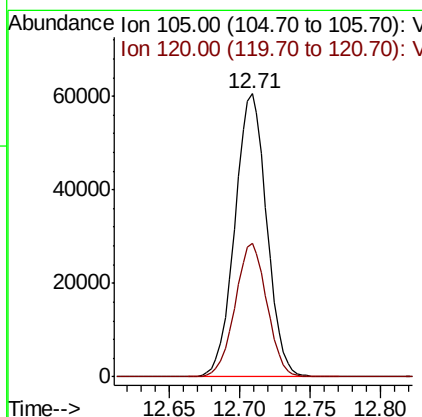
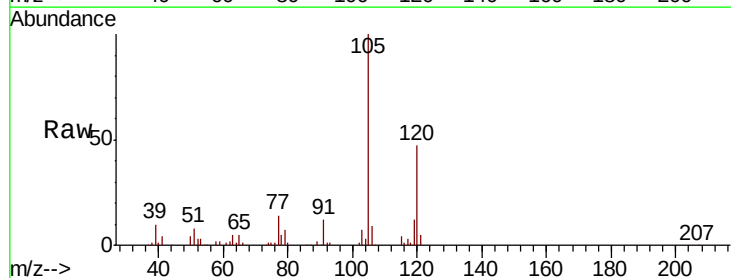
Instrument :
 MSVOA_N
 ClientSampleId :

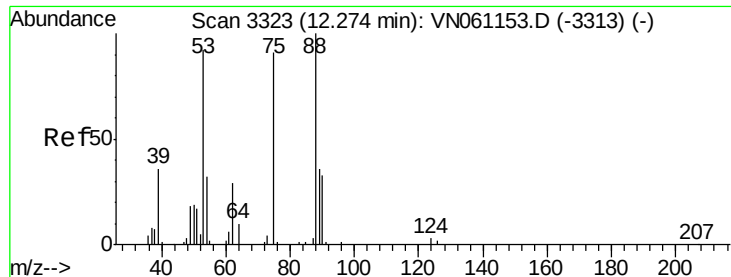
Tot Ion: 91 Resp: 80861
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.197 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion: 105 Resp: 96077
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.390 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

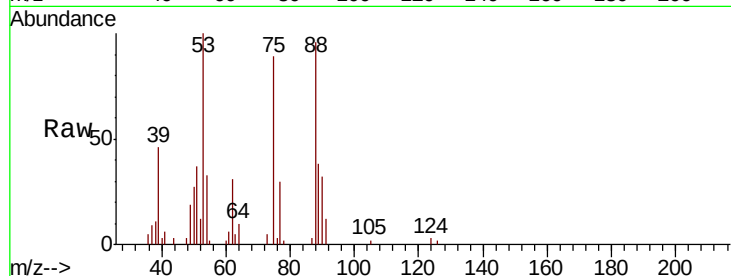
Tot Ion: 75 Resp: 12585

Ion Ratio Lower Upper

75 100

53 107.5 84.1 126.1

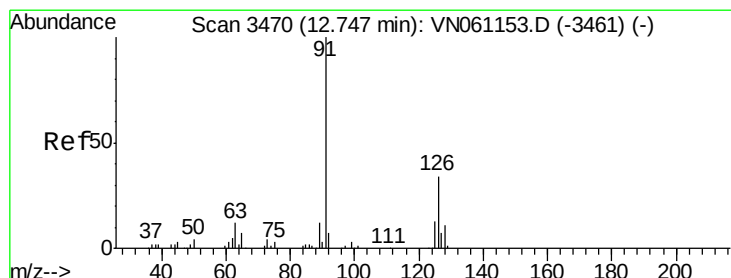
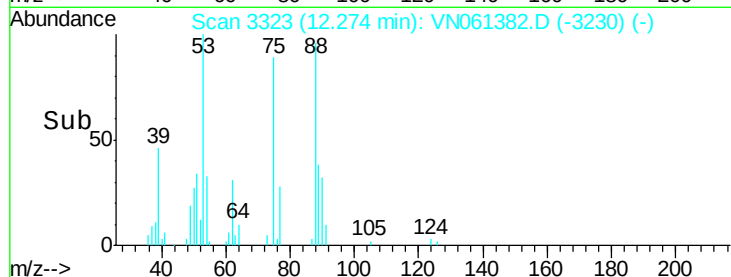
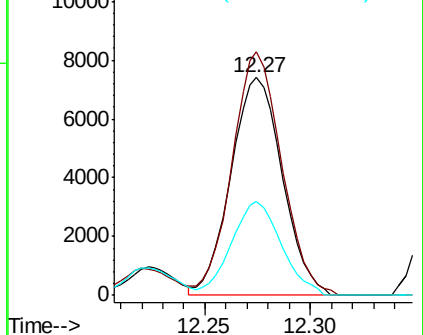
89 41.9 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 20.305 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061382.D

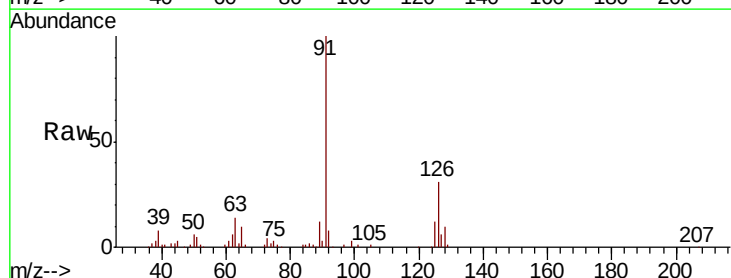
Acq: 11 May 2020 12:02

Tgt Ion: 91 Resp: 85753

Ion Ratio Lower Upper

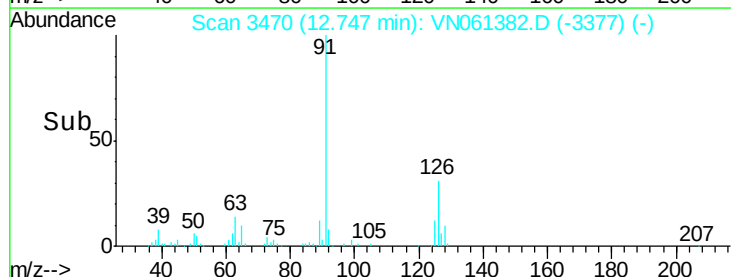
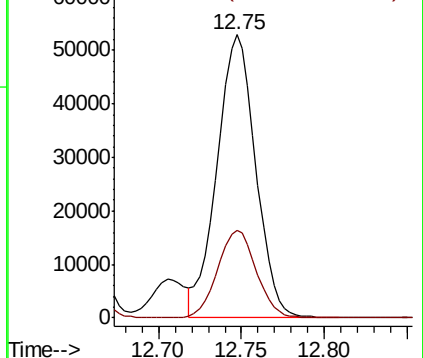
91 100

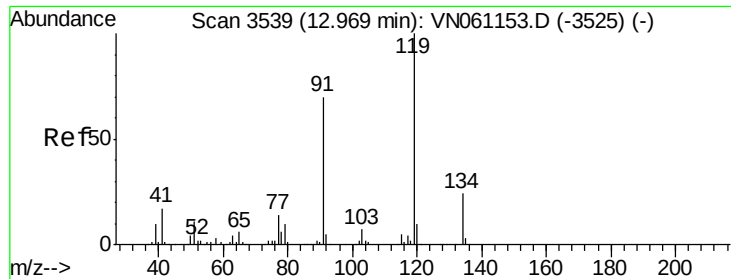
126 30.9 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

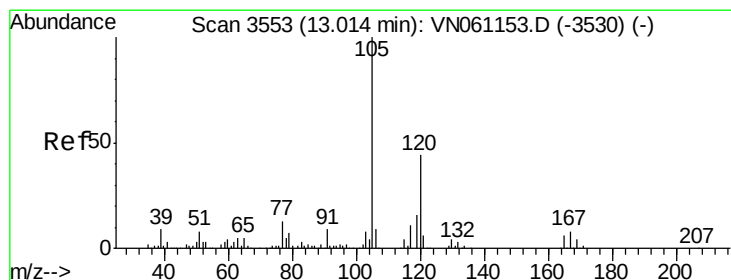
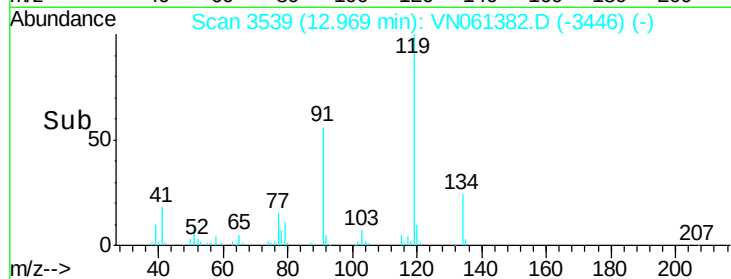
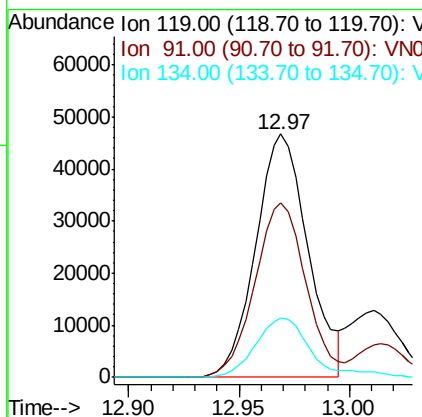
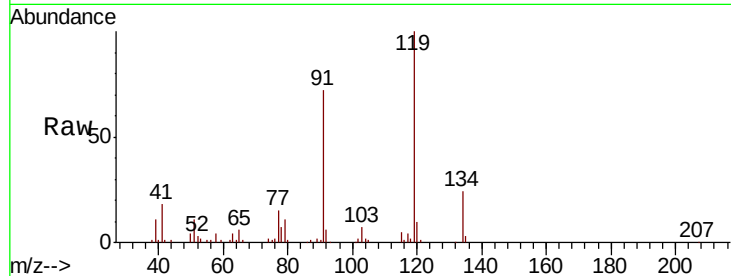




#83
 tert-Butylbenzene
 Concen: 19.100 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

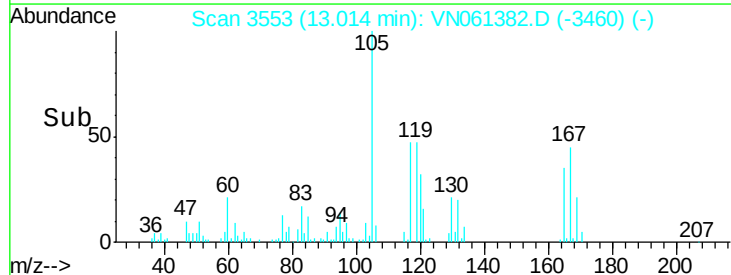
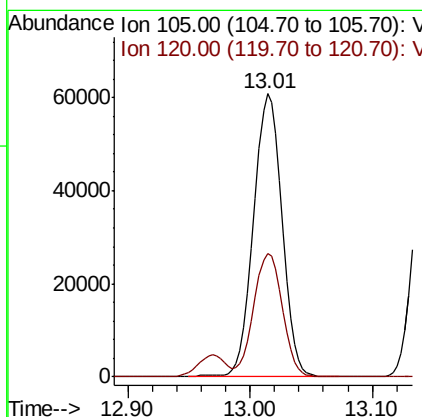
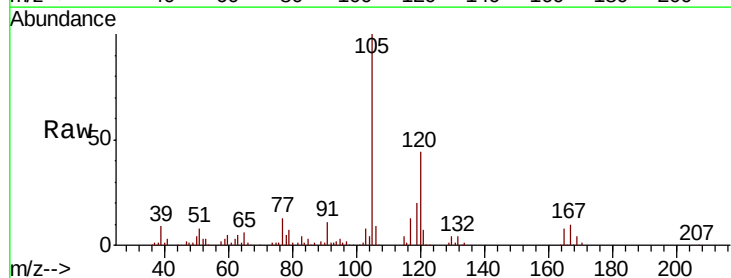
Instrument :
 MSVOA_N
 ClientSampled :

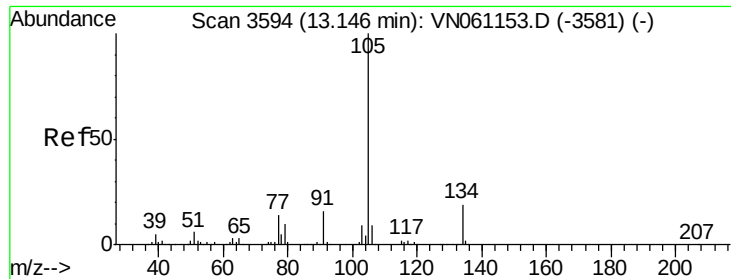
Tot Ion:119 Resp: 76611
 Ion Ratio Lower Upper
 119 100
 91 70.4 34.8 104.4
 134 26.0 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.986 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion:105 Resp: 97948
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.091 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

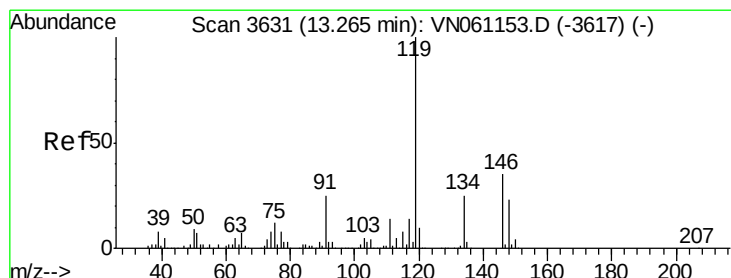
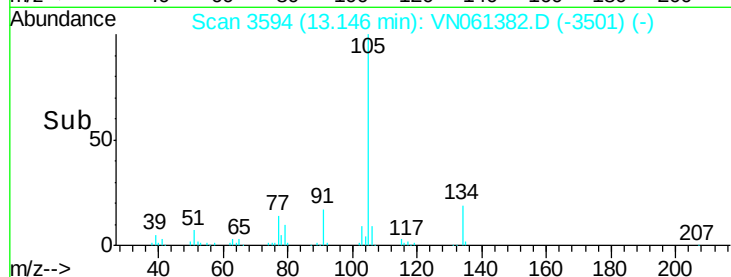
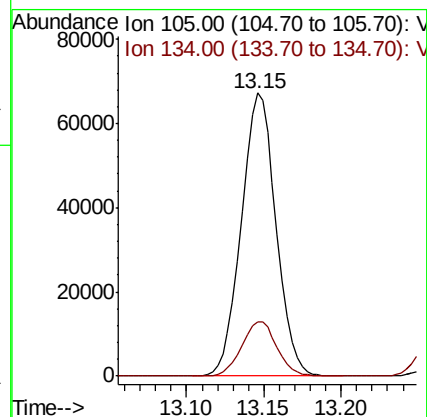
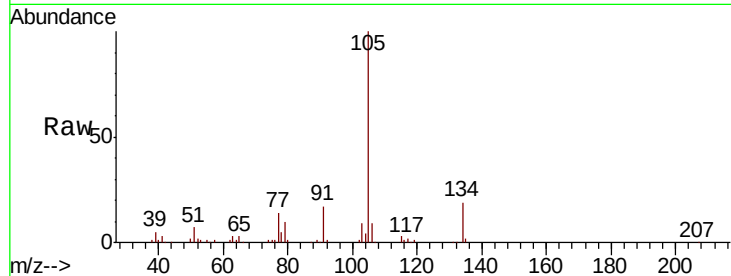
ClientSampleId :

Tot Ion:105 Resp: 104400

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.8



#86

p-Isopropyltoluene

Concen: 18.805 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

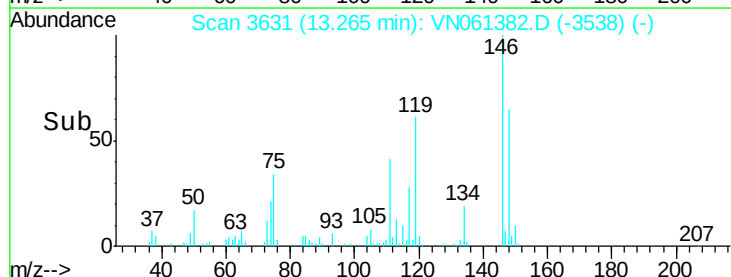
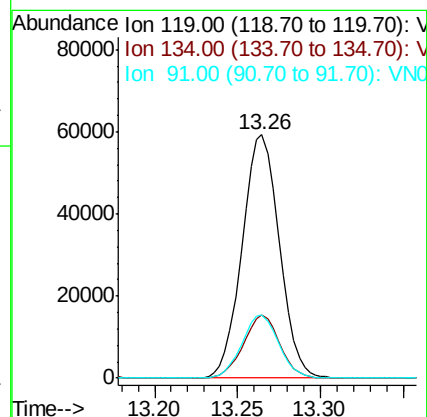
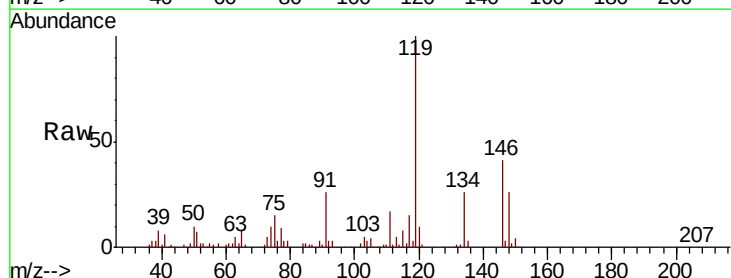
Tgt Ion:119 Resp: 92657

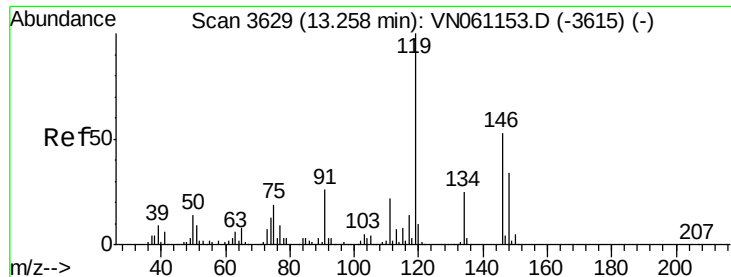
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

91 25.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.894 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

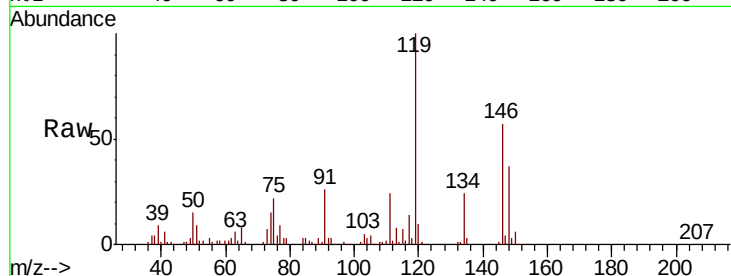
Tot Ion:146 Resp: 48590

Ion Ratio Lower Upper

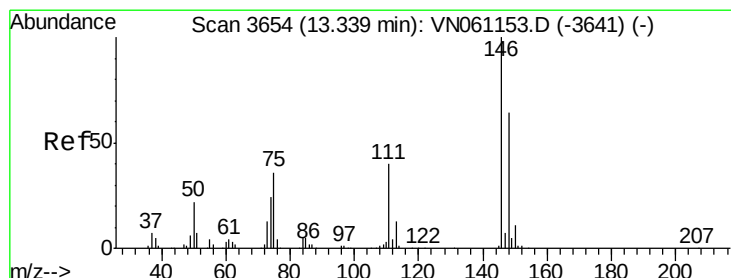
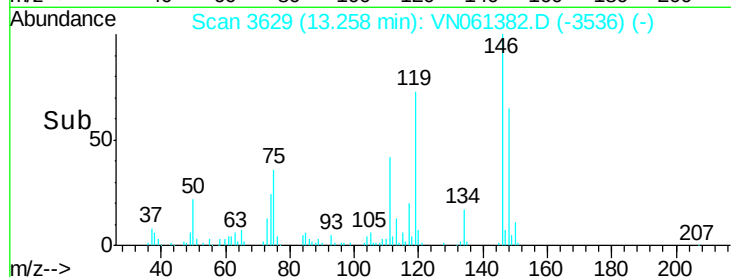
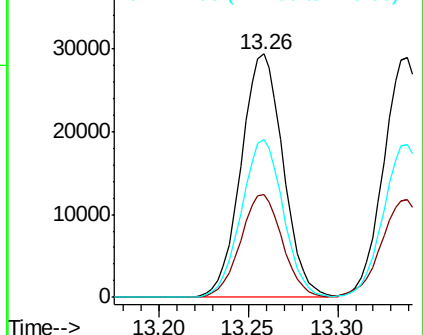
146 100

111 41.9 20.7 62.1

148 64.3 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: 19.546 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

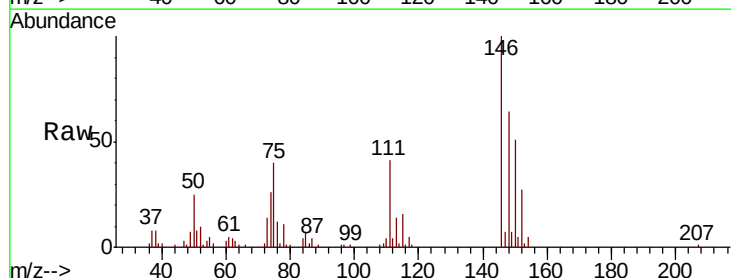
Tgt Ion:146 Resp: 48778

Ion Ratio Lower Upper

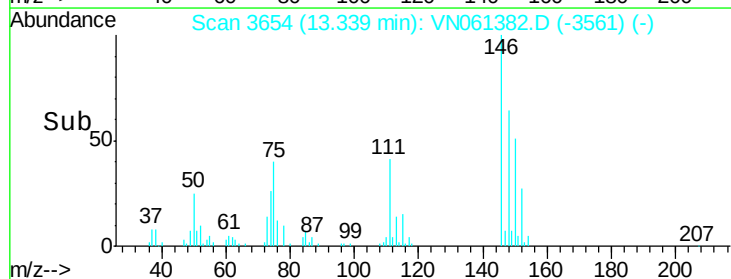
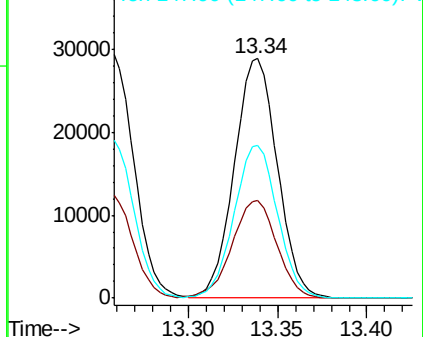
146 100

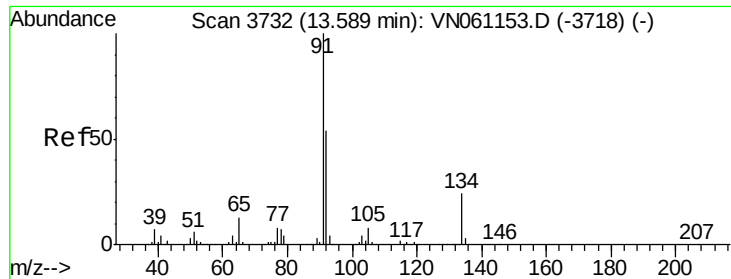
111 42.4 20.4 61.3

148 64.3 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

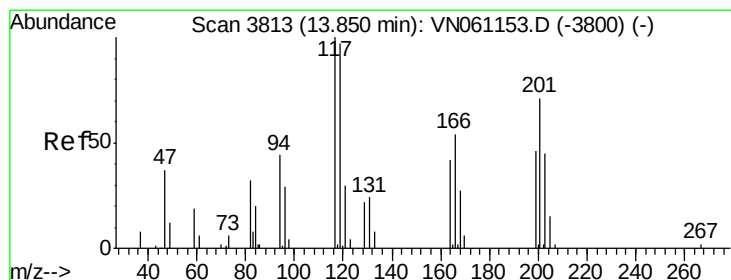
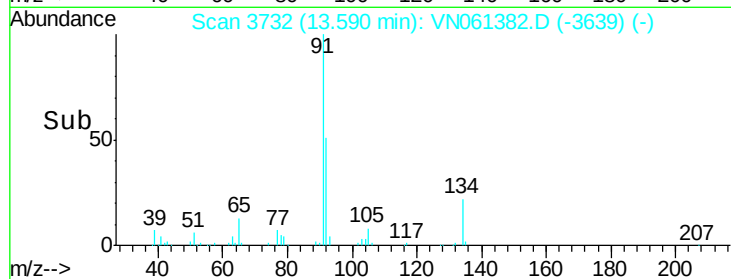
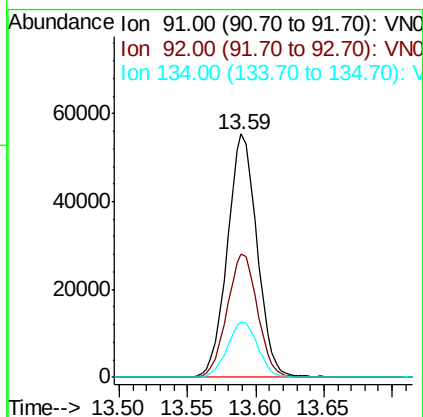
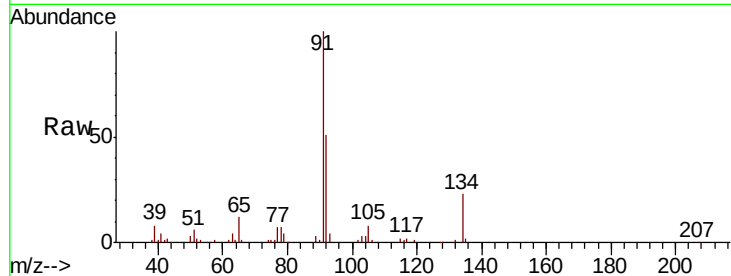




#89
n-Butylbenzene
Concen: 18.568 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

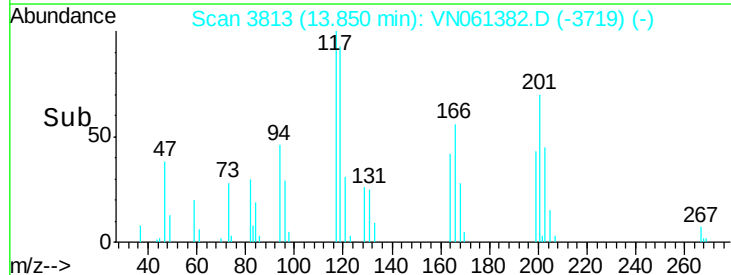
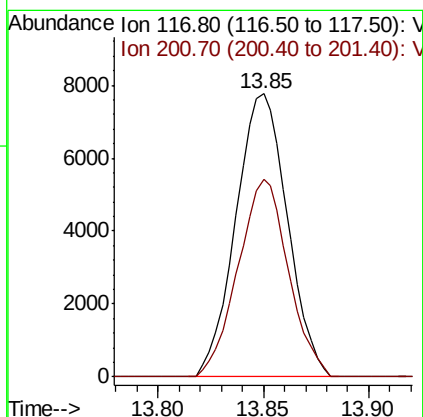
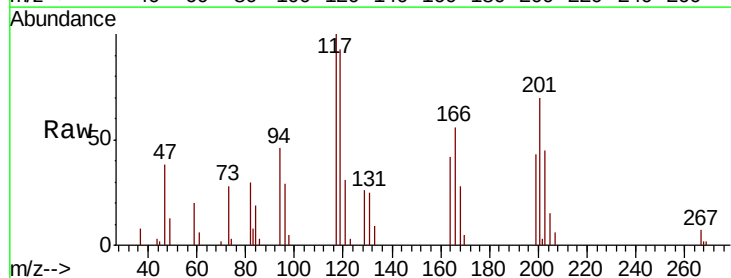
Instrument :
MSVOA_N
ClientSampled :

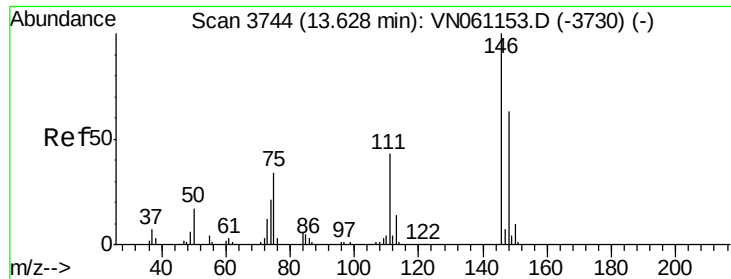
Tot Ion: 91 Resp: 83871
Ion Ratio Lower Upper
91 100
92 51.8 26.8 80.3
134 23.4 11.9 35.5



#90
Hexachloroethane
Concen: 29.383 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 117 Resp: 13194
Ion Ratio Lower Upper
117 100
201 68.3 35.5 106.7

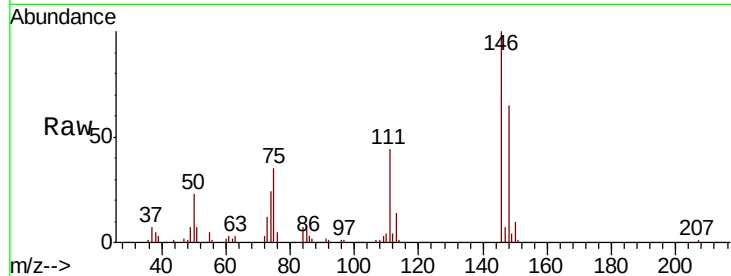




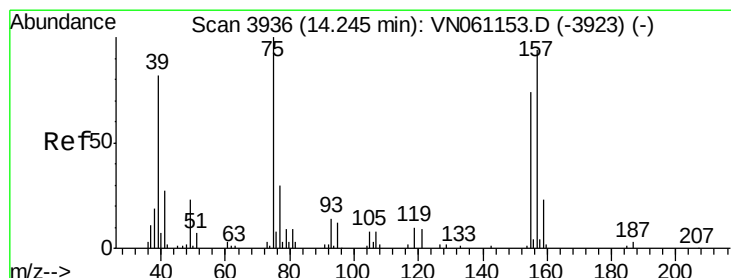
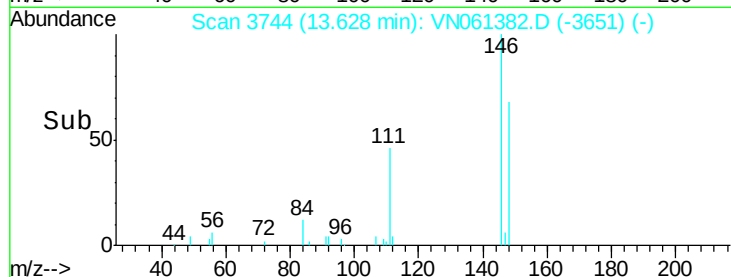
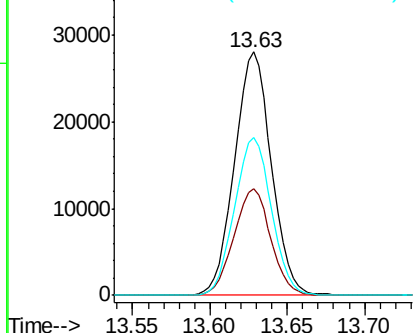
#91
 1,2-Dichlorobenzene
 Concen: 19.833 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.8	65.3
148	64.7	31.6	95.0

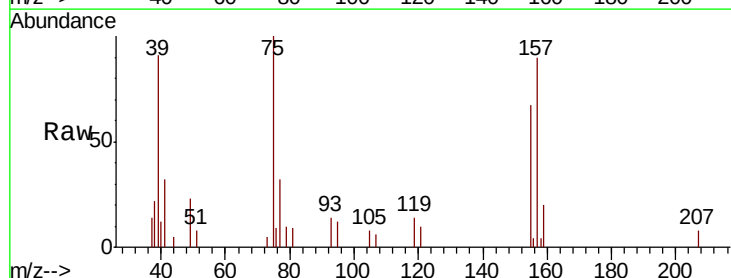


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

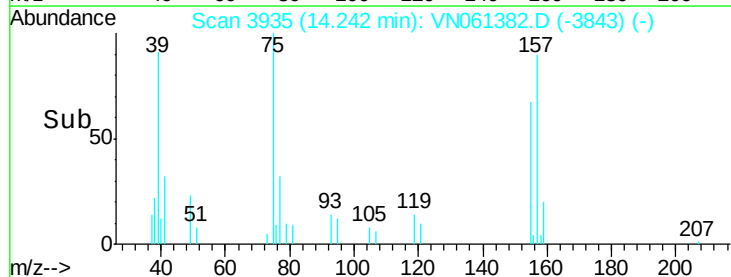
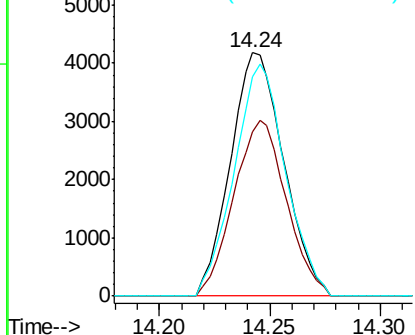


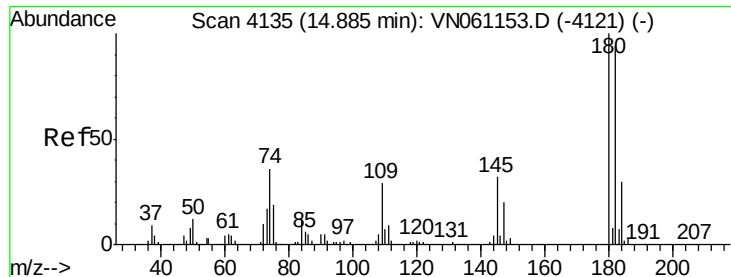
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.550 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	36.5	109.7
157	92.3	46.6	139.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

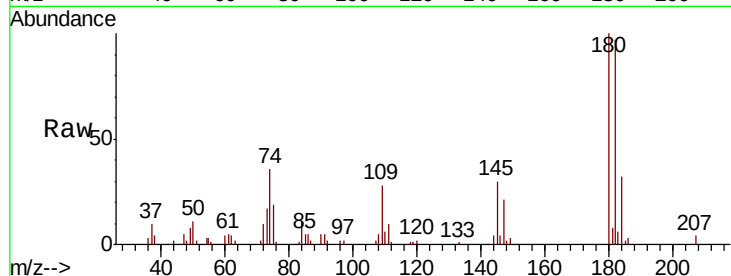




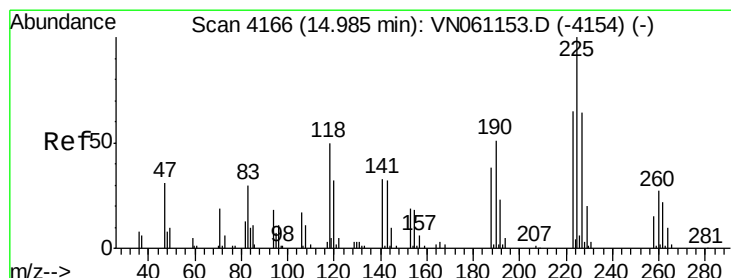
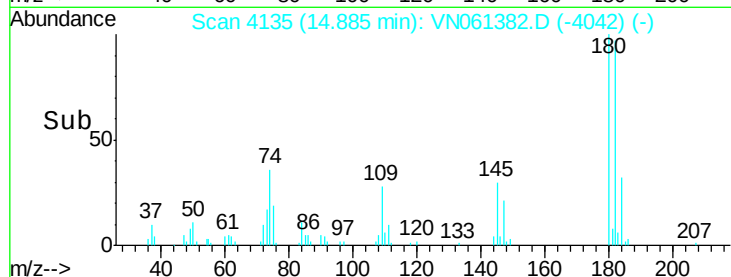
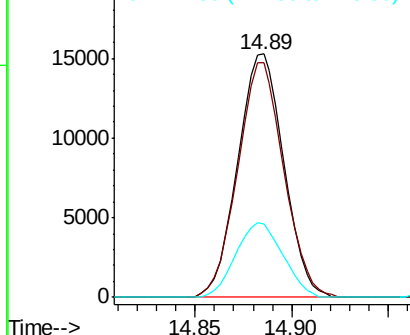
#93
 1,2,4-Trichlorobenzene
 Concen: 17.733 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	141.9
145	31.3	16.0	47.9

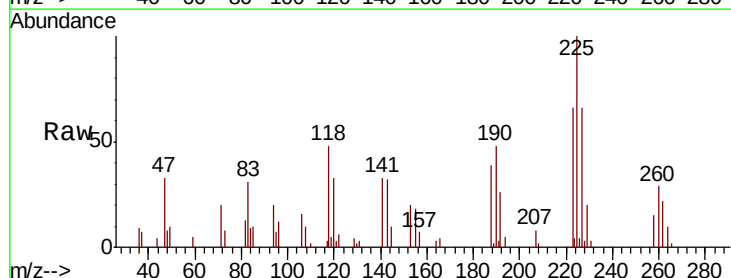


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

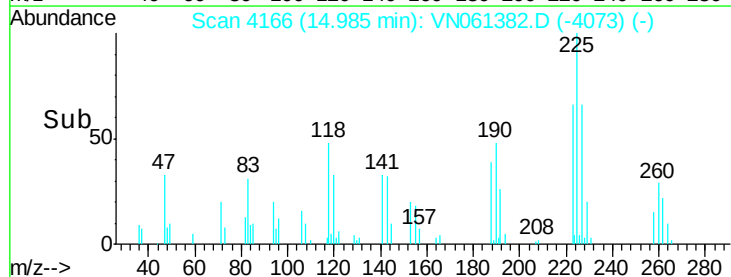
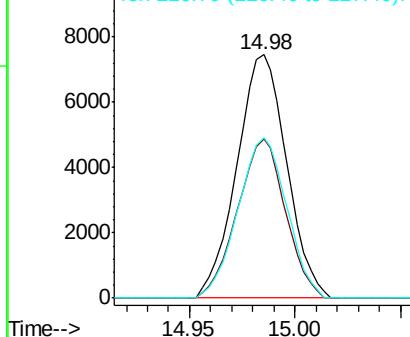


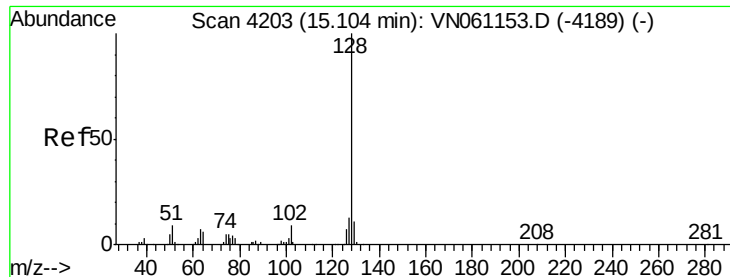
#94
 Hexachlorobutadiene
 Concen: 20.544 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.4	97.0
227	64.5	32.4	97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.260 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

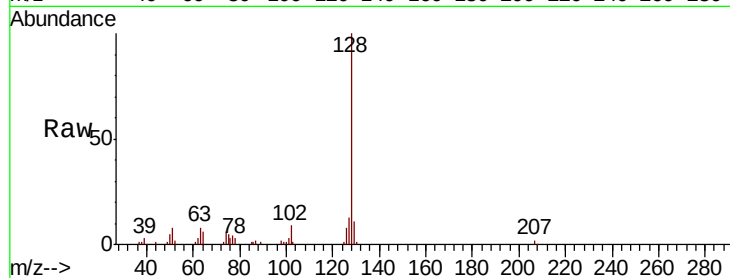
Tot Ion:128 Resp: 75517

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

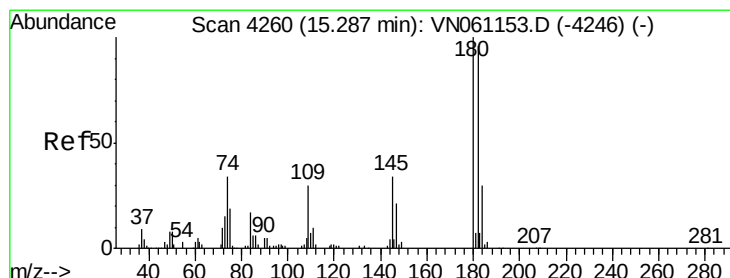
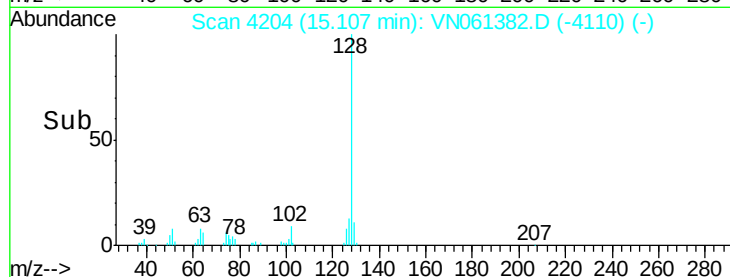
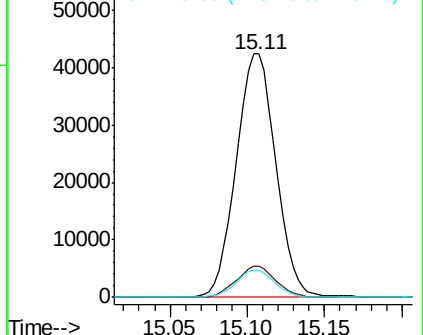
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.465 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

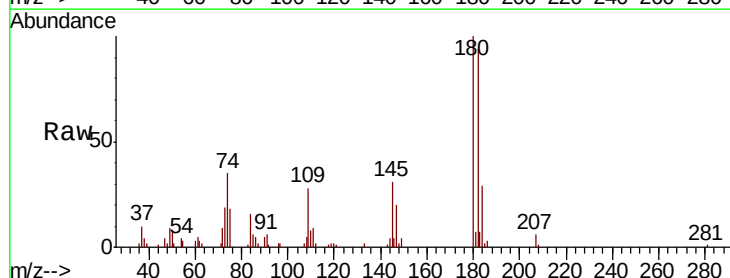
Tgt Ion:180 Resp: 25999

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.5

145 33.0 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

