

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030420\
 Data File : VN060341.D
 Acq On : 4 Mar 2020 12:04
 Operator : JC/MD
 Sample : VN0304WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

Quant Time: Mar 05 05:08:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143368	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129500	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.56	113	85830	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
50) Toluene-d8	10.08	98	365871	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.40	95	138515	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	29949	16.701	ug/l	98
3) Chloromethane	2.04	50	54586	17.484	ug/l	99
4) Vinyl Chloride	2.16	62	43491	16.243	ug/l	99
5) Bromomethane	2.54	94	17293	14.331	ug/l	97
6) Chloroethane	2.69	64	24602	16.959	ug/l	97
7) Trichlorofluoromethane	3.00	101	58344	17.055	ug/l	97
8) Diethyl Ether	3.38	74	23817	18.440	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	34062	17.594	ug/l	100
10) Methyl Iodide	3.93	142	30137	17.056	ug/l	98
11) Tert butyl alcohol	4.73	59	36576	98.161	ug/l	100
12) 1,1-Dichloroethene	3.71	96	33398	17.724	ug/l	95
13) Acrolein	3.58	56	35907	103.295	ug/l	99
14) Allyl chloride	4.29	41	61544	17.764	ug/l	98
15) Acrylonitrile	4.94	53	96674	98.432	ug/l	98
16) Acetone	3.78	43	80541	99.389	ug/l	99
17) Carbon Disulfide	4.03	76	85714	16.720	ug/l	99
18) Methyl Acetate	4.29	43	49252	18.212	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	130631	19.148	ug/l	99
20) Methylene Chloride	4.52	84	39634	17.809	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	36339	17.725	ug/l	95
22) Diisopropyl ether	5.91	45	134046	19.101	ug/l	97
23) Vinyl Acetate	5.86	43	538436	96.554	ug/l	99
24) 1,1-Dichloroethane	5.81	63	72444	18.236	ug/l	98
25) 2-Butanone	6.80	43	130881	99.991	ug/l	99
26) 2,2-Dichloropropane	6.80	77	63506	17.560	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	44887	17.394	ug/l	99
28) Bromochloromethane	7.17	49	30970	18.988	ug/l	99
29) Tetrahydrofuran	7.18	42	87439	96.066	ug/l	99
30) Chloroform	7.34	83	74221	18.768	ug/l	100
31) Cyclohexane	7.63	56	64039	18.033	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	63440	18.106	ug/l	99
36) 1,1-Dichloropropene	7.77	75	51767	16.831	ug/l	99
37) Ethyl Acetate	6.89	43	57076	19.598	ug/l	99
38) Carbon Tetrachloride	7.75	117	51882	17.325	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	61292	16.901	ug/l	96
40) Benzene	8.02	78	160797	17.962	ug/l	99
41) Methacrylonitrile	7.18	41	81870	60.882	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	60309	18.669	ug/l	99
43) Isopropyl Acetate	8.14	43	98227	19.266	ug/l	99
44) Trichloroethene	8.82	130	44156	17.710	ug/l	99
45) 1,2-Dichloropropane	9.10	63	44308	18.930	ug/l	100
46) Dibromomethane	9.19	93	27861	18.345	ug/l	98
47) Bromodichloromethane	9.38	83	57307	18.553	ug/l	98
48) Methyl methacrylate	9.18	41	41726	17.947	ug/l	97
49) 1,4-Dioxane	9.18	88	12892	394.299	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	281703	97.448	ug/l	100
52) Toluene	10.14	92	101606	18.068	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	67707	17.889	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	71880	18.328	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	41577	18.385	ug/l	98
56) Ethyl methacrylate	10.42	69	60552	18.638	ug/l	97
57) 1,3-Dichloropropane	10.70	76	70137	19.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	160282	94.329	ug/l	100
59) 2-Hexanone	10.74	43	204135	96.177	ug/l	100
60) Dibromochloromethane	10.89	129	43772	19.033	ug/l	99
61) 1,2-Dibromoethane	10.99	107	41705	18.918	ug/l	95
64) Tetrachloroethene	10.62	164	46709	19.087	ug/l	99
65) Chlorobenzene	11.43	112	106382	17.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40735	18.358	ug/l	97
67) Ethyl Benzene	11.50	91	195307	17.871	ug/l	99
68) m/p-Xylenes	11.62	106	144842	35.128	ug/l	99
69) o-Xylene	11.94	106	71085	18.079	ug/l	99
70) Styrene	11.96	104	112414	17.389	ug/l	99
71) Bromoform	12.12	173	29995	18.757	ug/l #	99
73) Isopropylbenzene	12.25	105	188995	17.786	ug/l	98
74) N-amyl acetate	12.07	43	83683	18.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	55569	19.238	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	78141	24.842	ug/l #	100
77) Bromobenzene	12.52	156	46583	17.884	ug/l	98
78) n-propylbenzene	12.59	91	222606	17.871	ug/l	100
79) 2-Chlorotoluene	12.67	91	132086	18.040	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	160503	17.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20162	17.694	ug/l #	84
82) 4-Chlorotoluene	12.77	91	135583	17.576	ug/l	98
83) tert-Butylbenzene	12.99	119	138170	17.837	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	160799	17.806	ug/l	100
85) sec-Butylbenzene	13.17	105	184136	17.752	ug/l	99
86) p-Isopropyltoluene	13.28	119	165718	17.261	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	81583	18.106	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	81693	18.137	ug/l	98
89) n-Butylbenzene	13.61	91	149449	16.957	ug/l	99
90) Hexachloroethane	13.87	117	23363	16.812	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	80264	17.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12038	18.404	ug/l	95

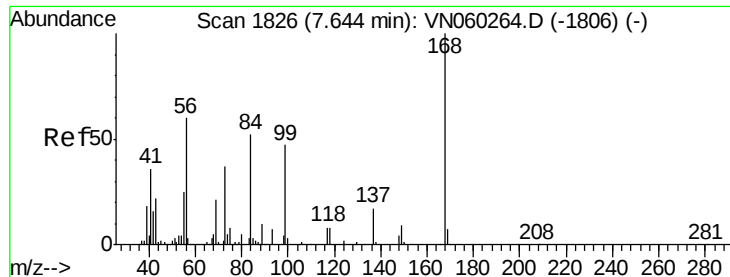
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52815	18.267	ug/l	99
94) Hexachlorobutadiene	15.01	225	25862	19.045	ug/l	99
95) Naphthalene	15.13	128	153957	17.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50219	18.271	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

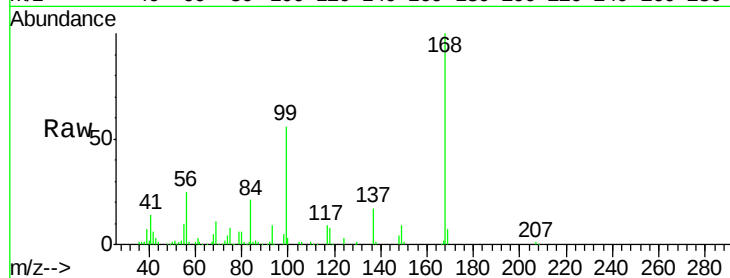
VN0304WBSD01

Tgt Ion:168 Resp: 195586

Ion Ratio Lower Upper

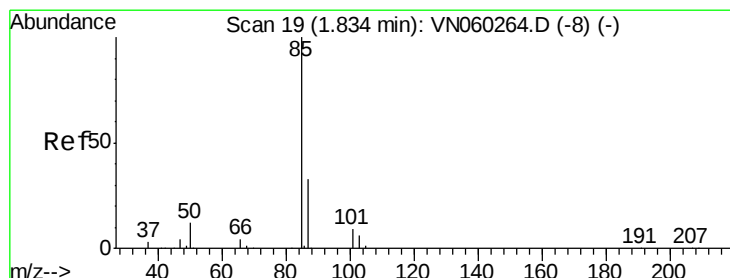
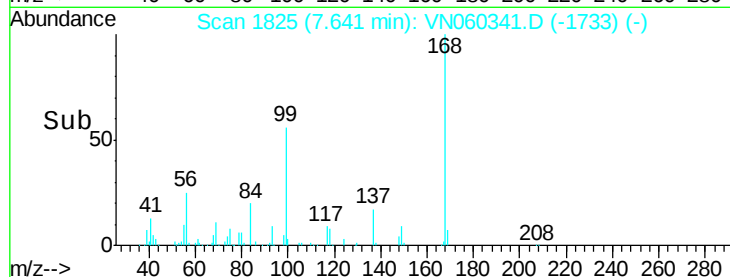
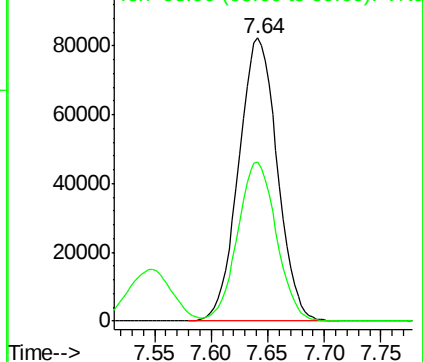
168 100

99 56.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.701 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060341.D

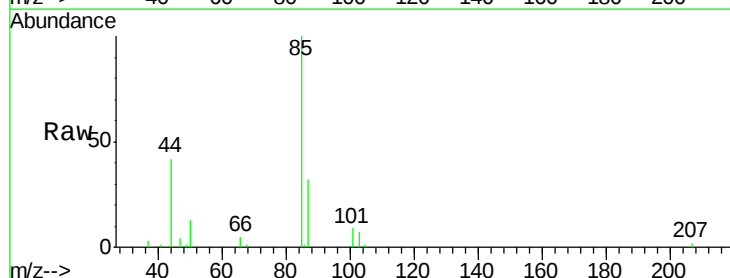
Acq: 4 Mar 2020 12:04

Tgt Ion: 85 Resp: 29949

Ion Ratio Lower Upper

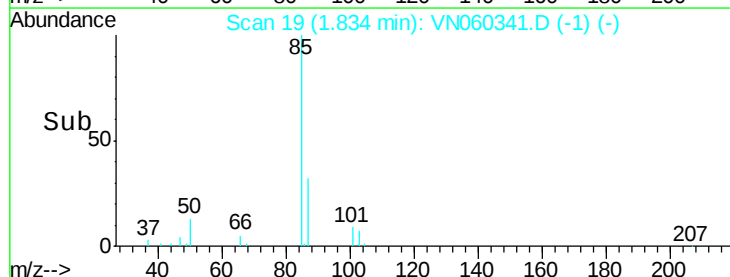
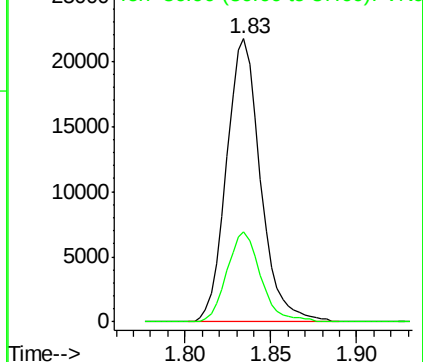
85 100

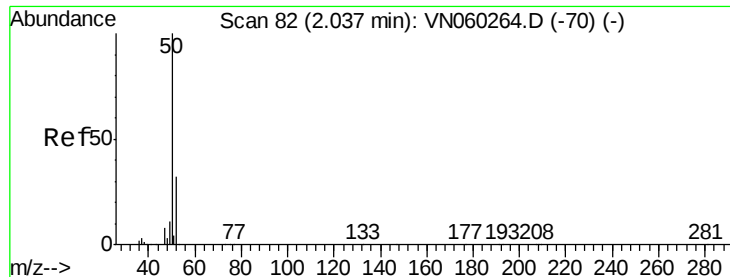
87 31.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.484 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

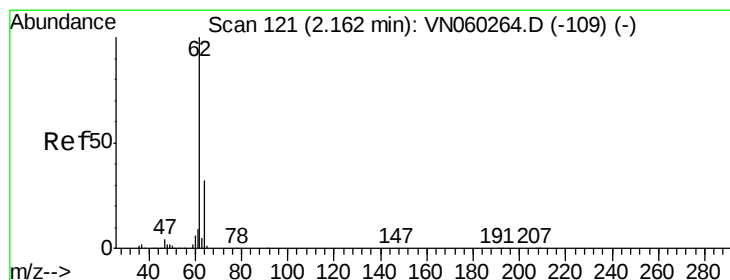
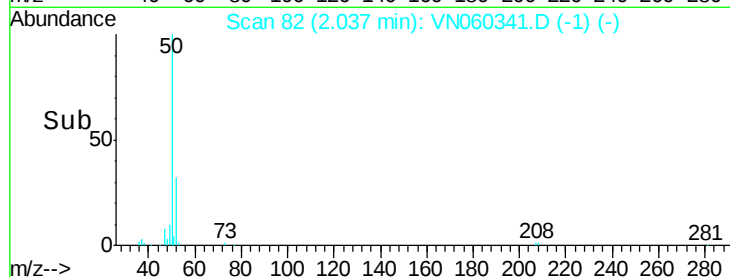
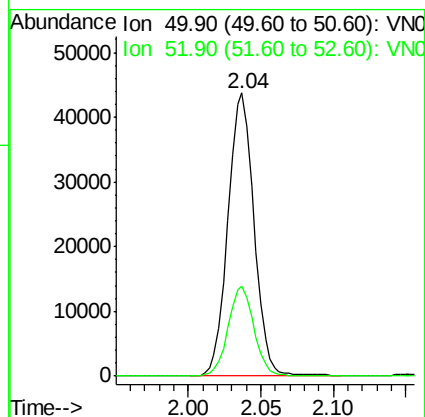
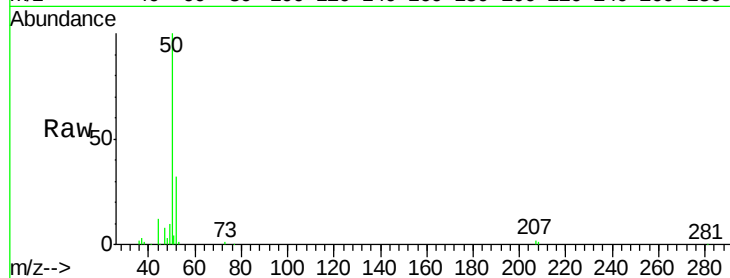
VN0304WBSD01

Tgt Ion: 50 Resp: 54586

Ion Ratio Lower Upper

50 100

52 31.6 25.6 38.4



#4

Vinyl Chloride

Concen: 16.243 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060341.D

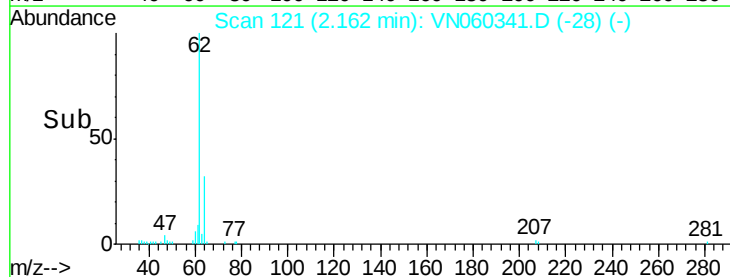
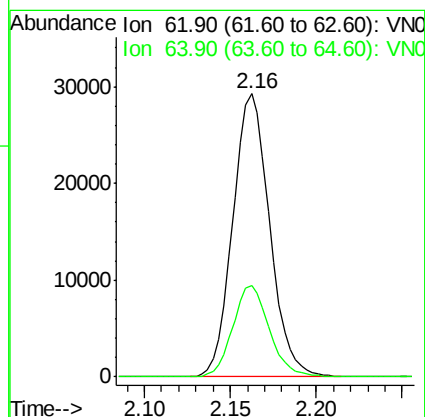
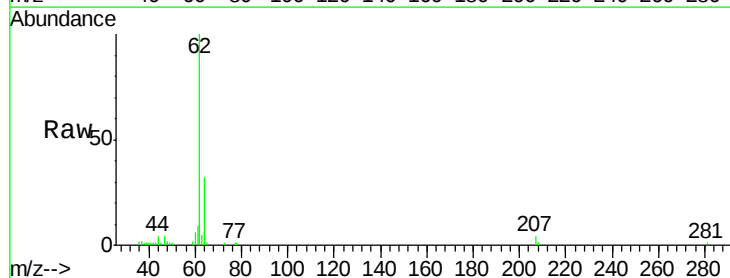
Acq: 4 Mar 2020 12:04

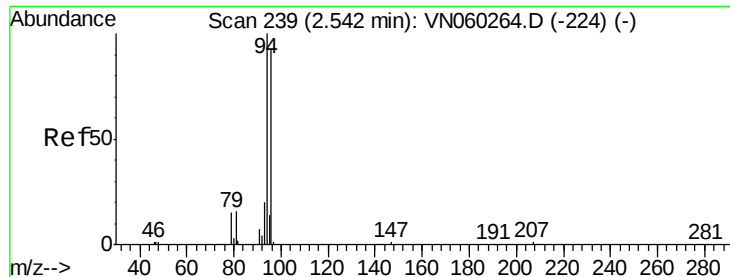
Tgt Ion: 62 Resp: 43491

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 14.331 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

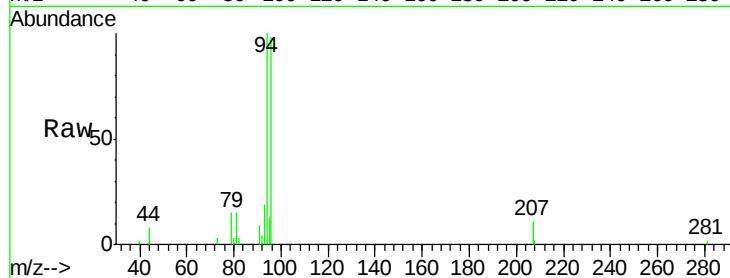
VN0304WBSD01

Tgt Ion: 94 Resp: 17293

Ion Ratio Lower Upper

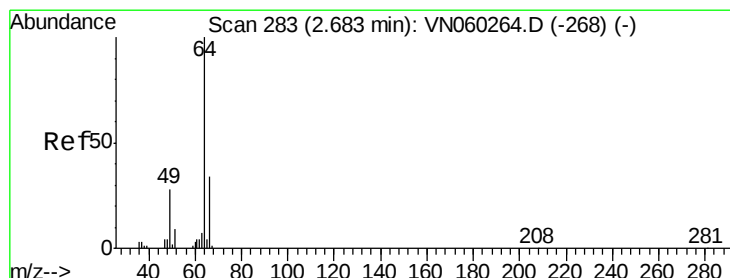
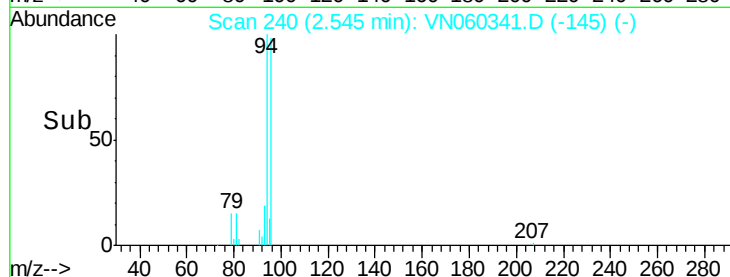
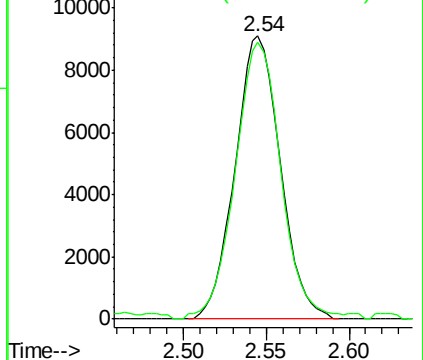
94 100

96 96.0 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.959 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060341.D

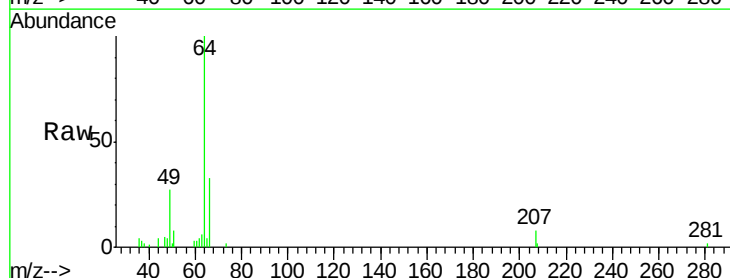
Acq: 4 Mar 2020 12:04

Tgt Ion: 64 Resp: 24602

Ion Ratio Lower Upper

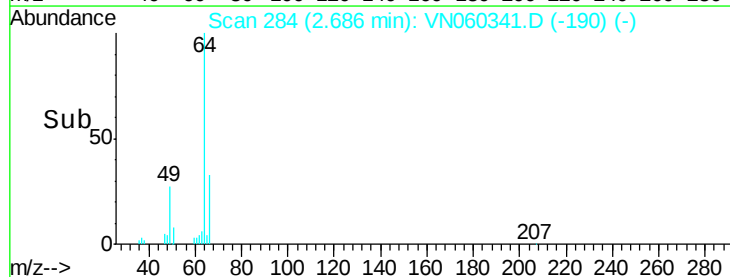
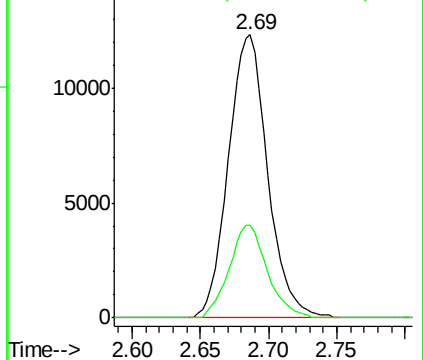
64 100

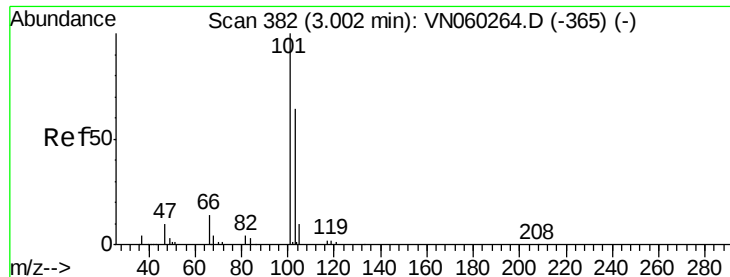
66 32.6 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



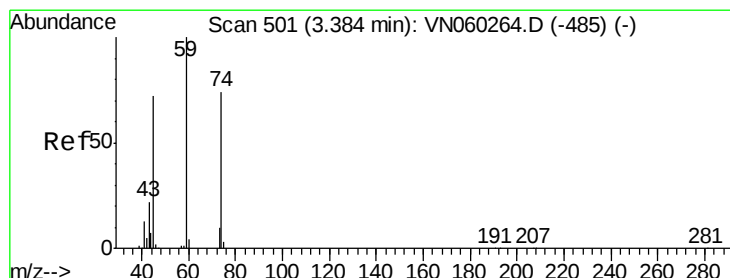
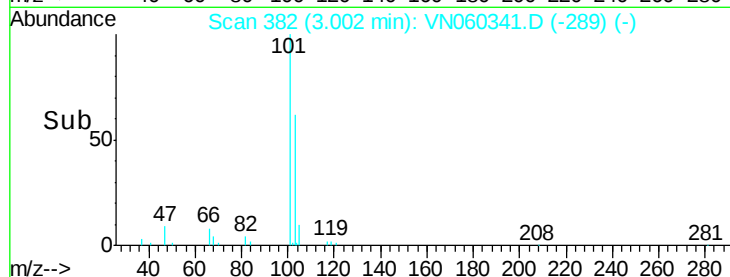
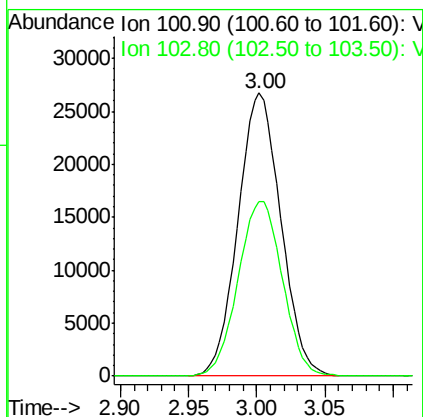
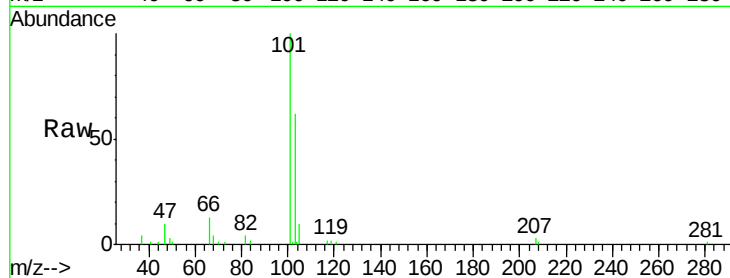


#7

Trichlorofluoromethane
Concen: 17.055 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

Instrument :
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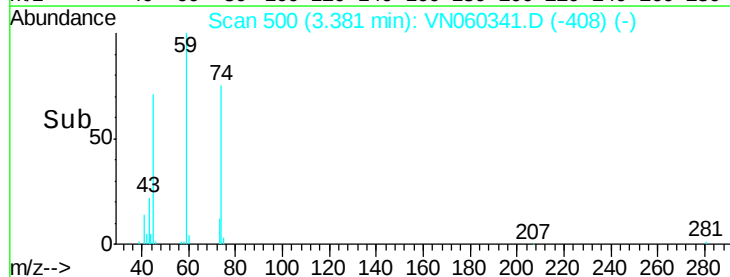
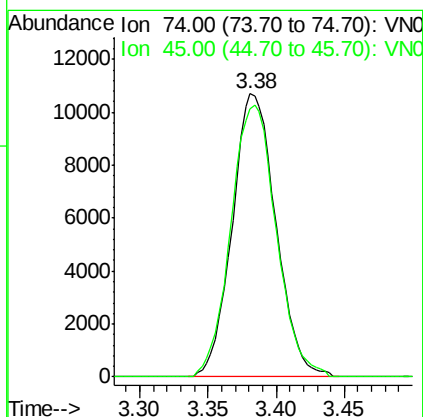
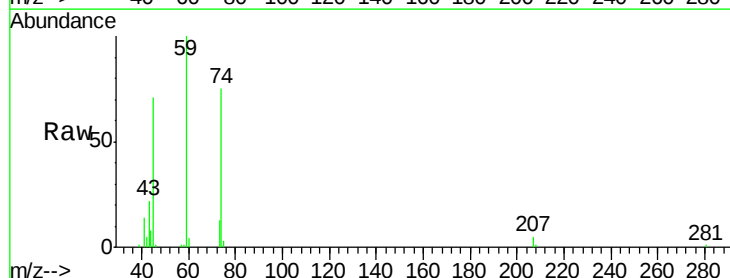
Tgt Ion: 101 Resp: 58344
Ion Ratio Lower Upper
101 100
103 61.6 51.3 76.9

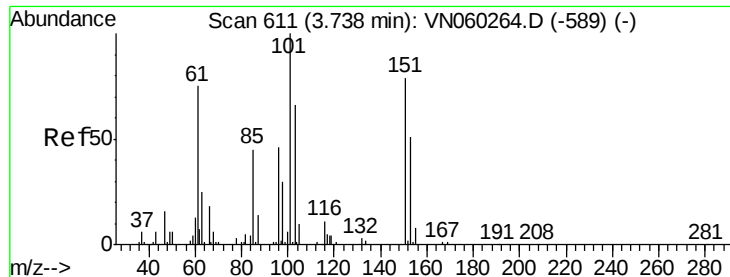


#8

Diethyl Ether
Concen: 18.440 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

Tgt Ion: 74 Resp: 23817
Ion Ratio Lower Upper
74 100
45 99.8 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.594 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

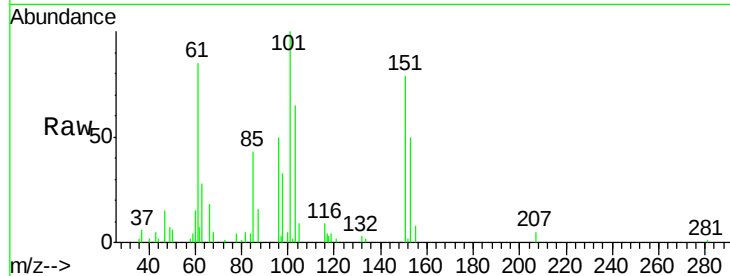
Tgt Ion:101 Resp: 34062

Ion Ratio Lower Upper

101 100

85 44.8 35.4 53.2

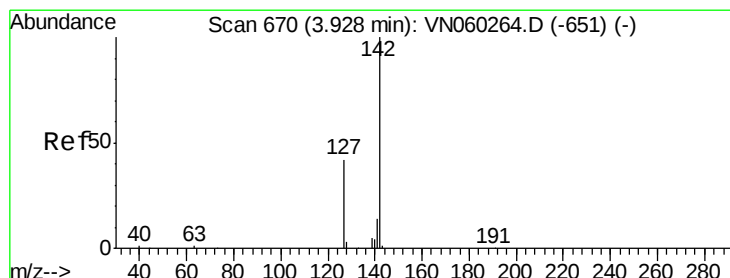
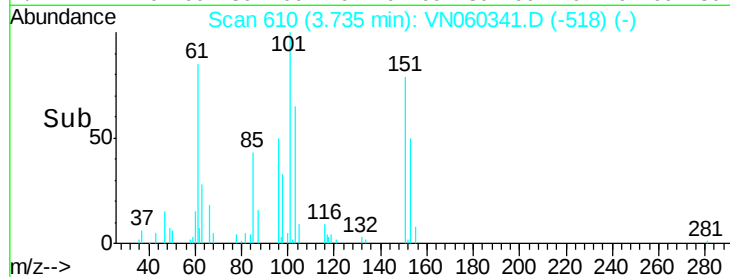
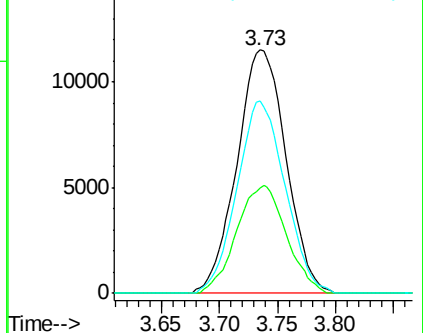
151 77.4 62.0 93.0



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: 17.056 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

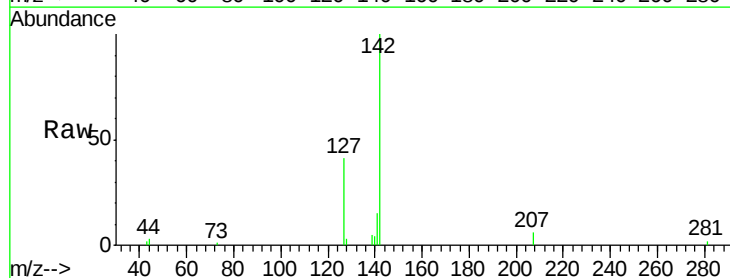
Tgt Ion:142 Resp: 30137

Ion Ratio Lower Upper

142 100

127 43.4 33.8 50.6

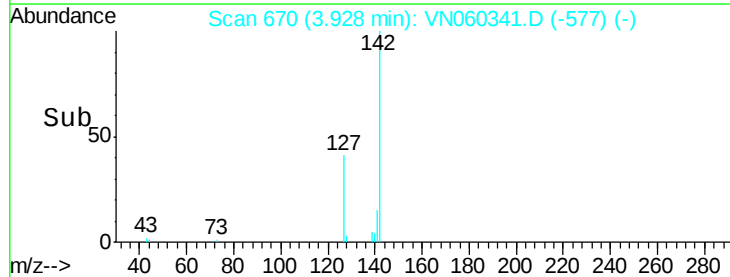
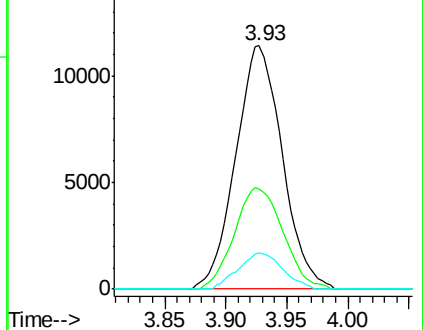
141 14.1 11.1 16.7

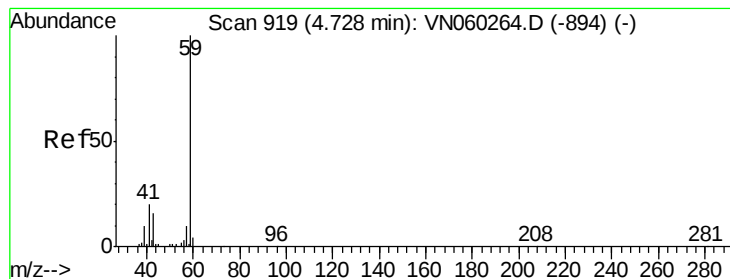


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.161 ug/l

RT: 4.73 min Scan# 919

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

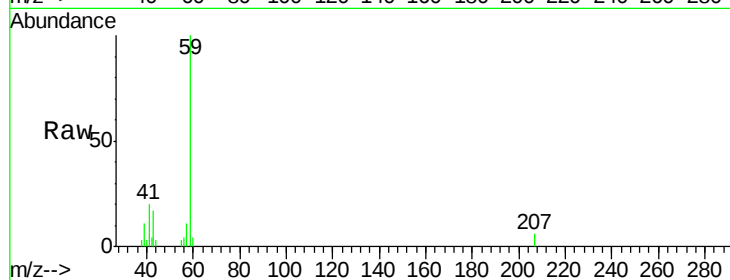
VN0304WBSD01

Tgt Ion: 59 Resp: 36576

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

12000

10000

8000

6000

4000

2000

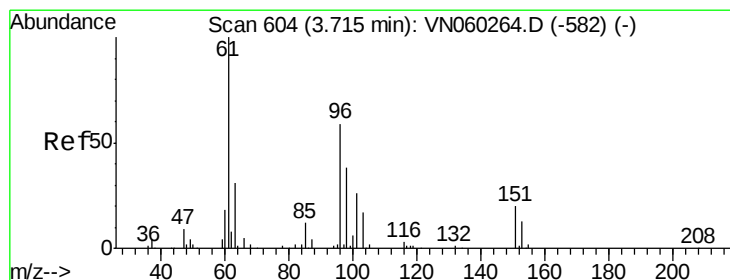
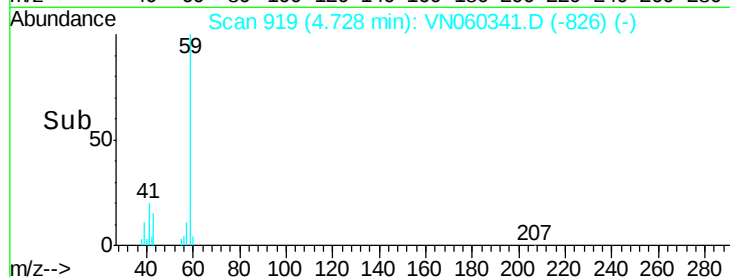
0

Time-->

4.60

4.70

4.80



#12

1,1-Dichloroethene

Concen: 17.724 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

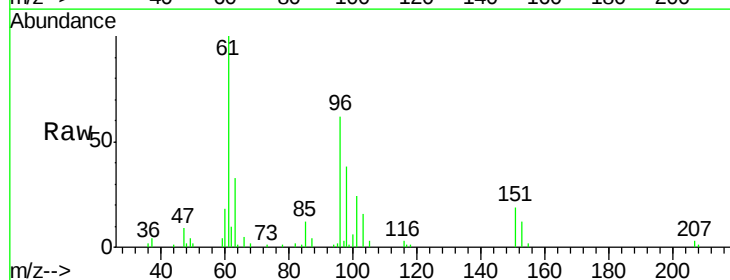
Tgt Ion: 96 Resp: 33398

Ion Ratio Lower Upper

96 100

61 162.2 135.4 203.0

98 61.3 51.6 77.4



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

30000

25000

20000

15000

10000

5000

0

Time-->

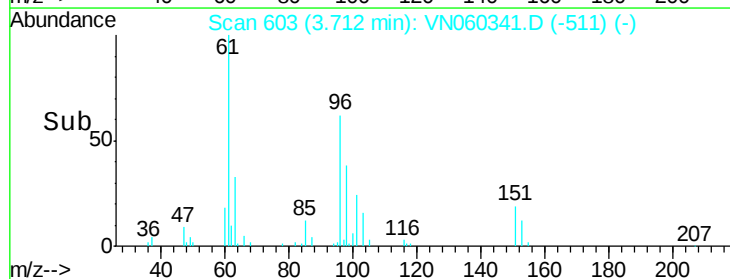
3.60

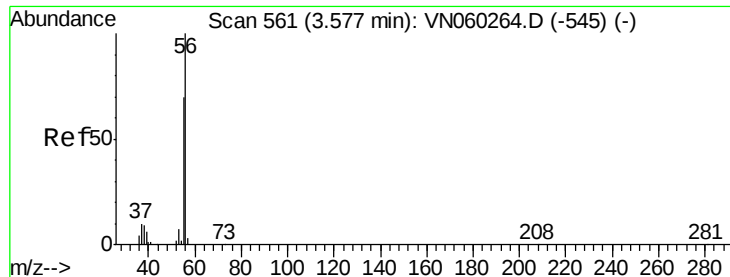
3.65

3.70

3.75

3.80





#13

Acrolein

Concen: 103.295 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

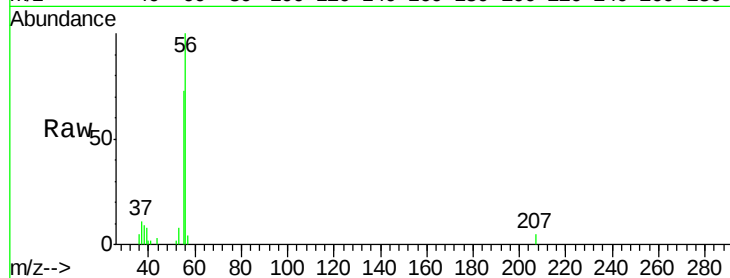
VN0304WBSD01

Tgt Ion: 56 Resp: 35907

Ion Ratio Lower Upper

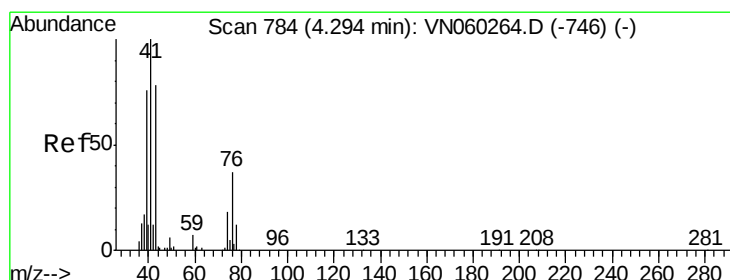
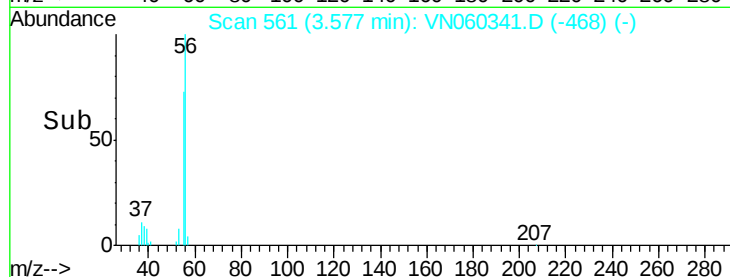
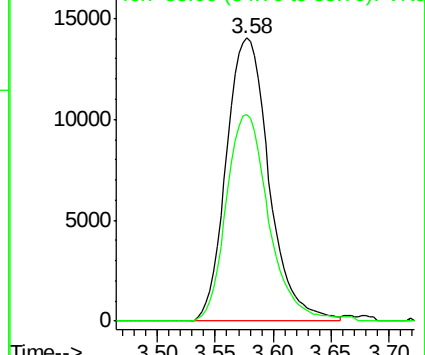
56 100

55 72.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.764 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

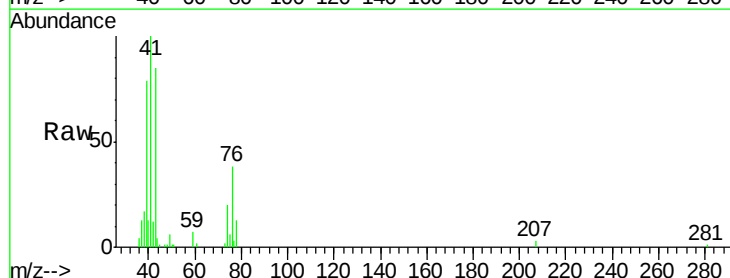
Tgt Ion: 41 Resp: 61544

Ion Ratio Lower Upper

41 100

39 71.4 55.4 83.2

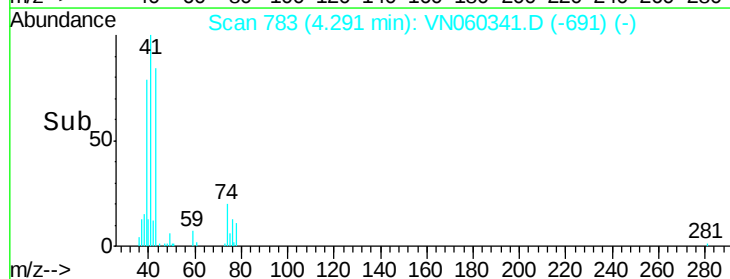
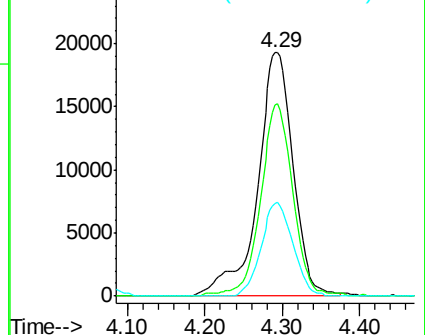
76 34.1 27.0 40.6

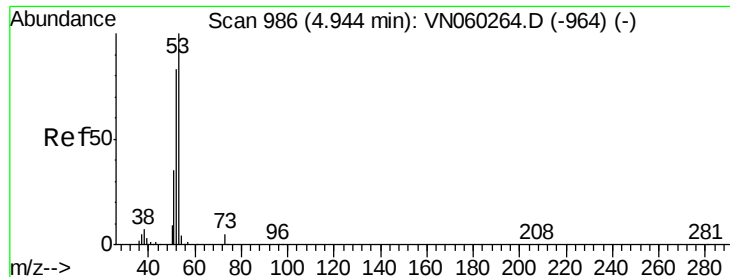


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 98.432 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VN0304WBSD01

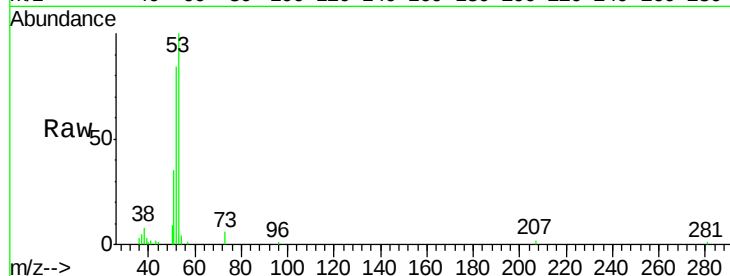
Tgt Ion: 53 Resp: 96674

Ion Ratio Lower Upper

53 100

52 81.2 66.8 100.2

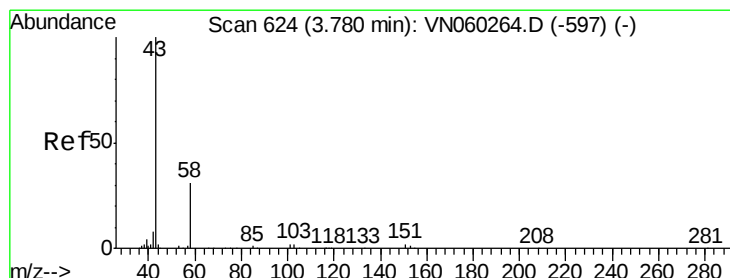
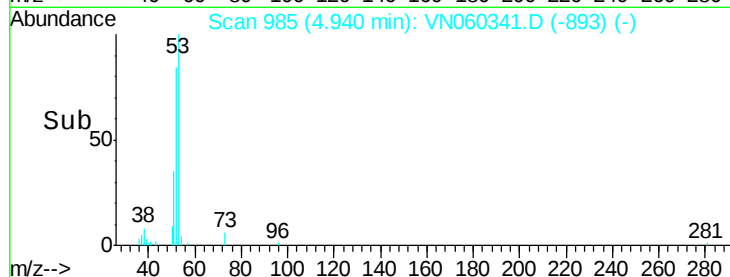
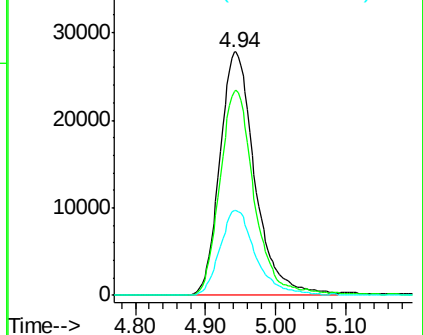
51 35.6 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN060341.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060341.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060341.D (-964) (-)



#16

Acetone

Concen: 99.389 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060341.D

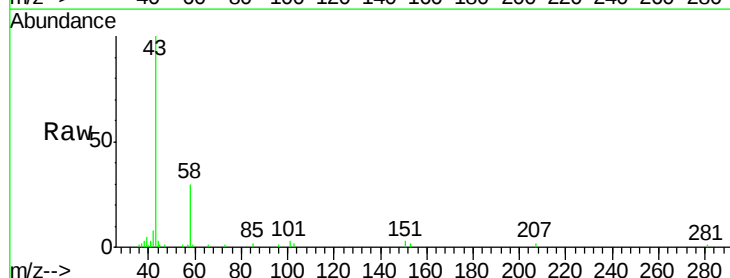
Acq: 4 Mar 2020 12:04

Tgt Ion: 43 Resp: 80541

Ion Ratio Lower Upper

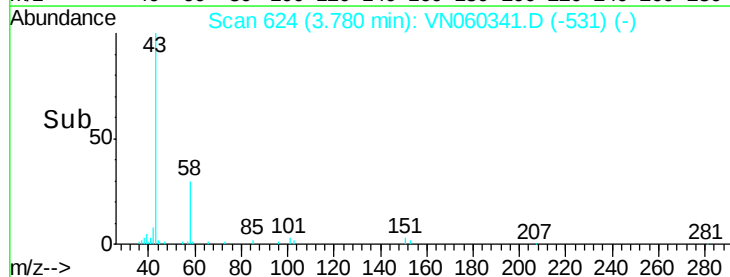
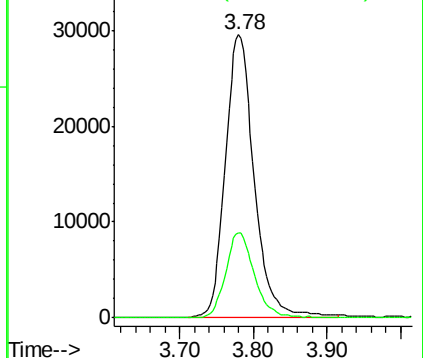
43 100

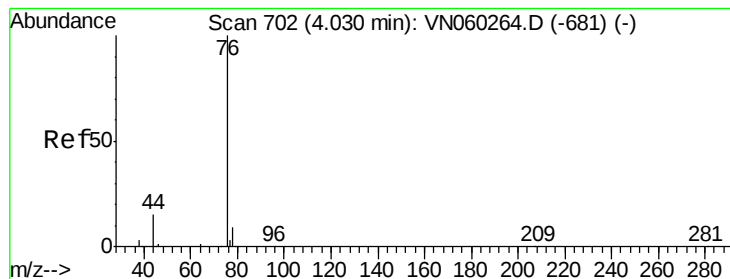
58 30.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060341.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060341.D (-531) (-)





#17

Carbon Disulfide

Concen: 16.720 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

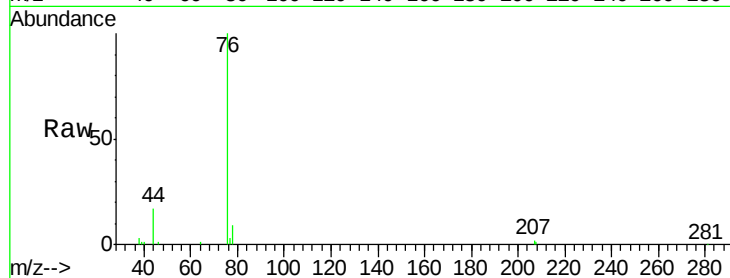
VN0304WBSD01

Tgt Ion: 76 Resp: 85714

Ion Ratio Lower Upper

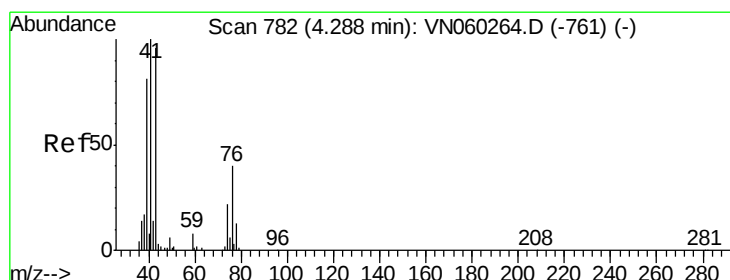
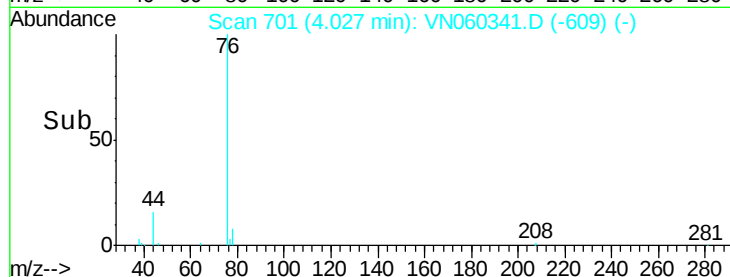
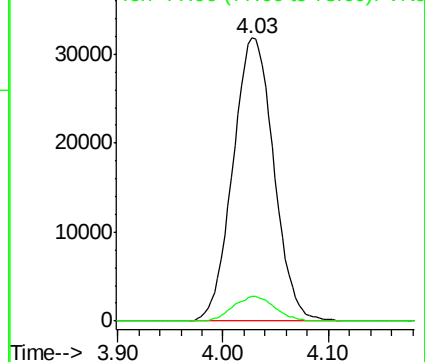
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 18.212 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060341.D

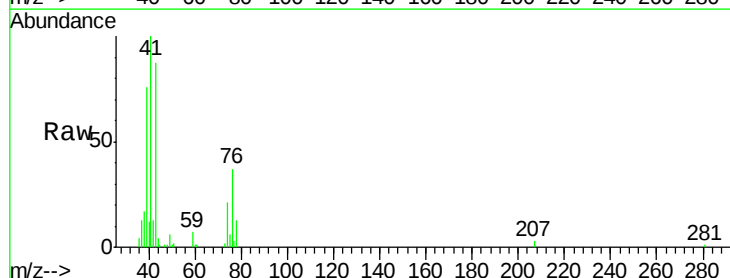
Acq: 4 Mar 2020 12:04

Tgt Ion: 43 Resp: 49252

Ion Ratio Lower Upper

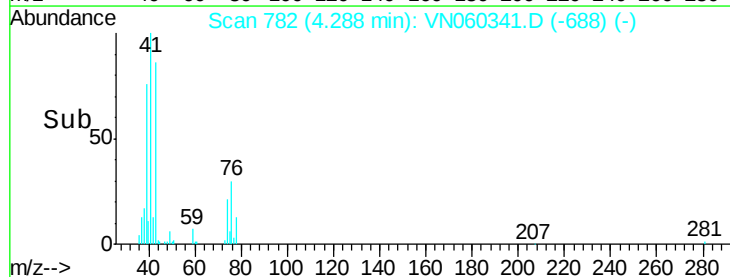
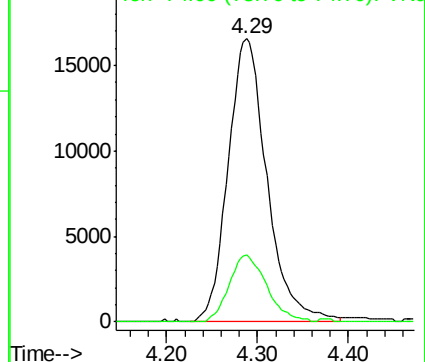
43 100

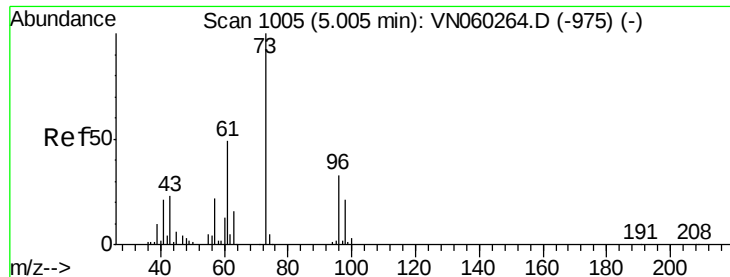
74 22.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

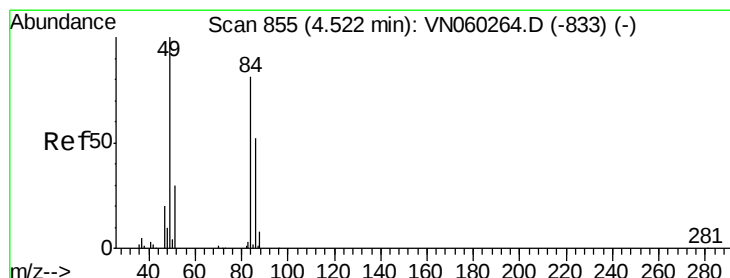
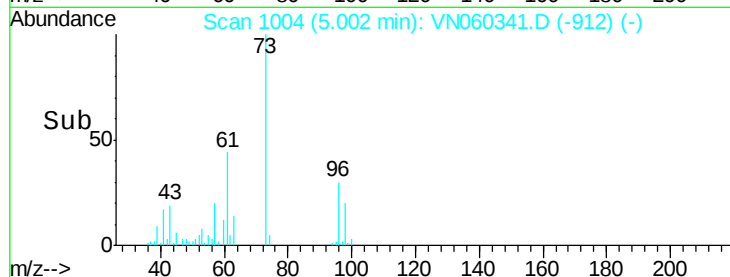
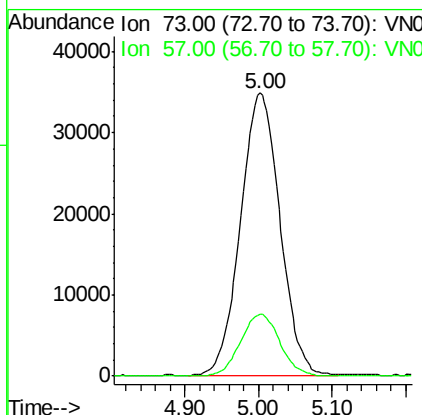
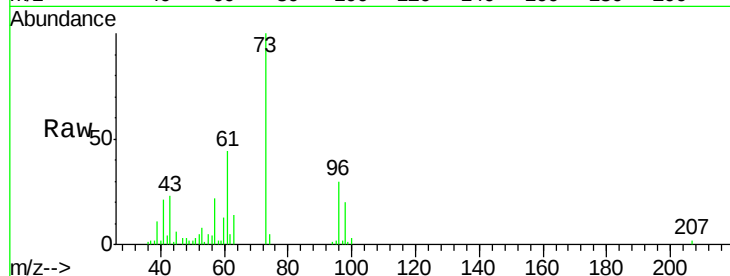




#19
Methyl tert-butyl Ether
Concen: 19.148 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

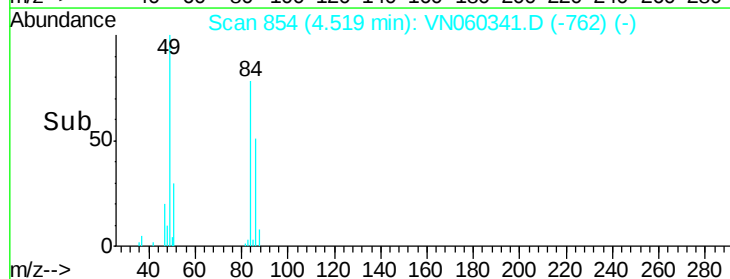
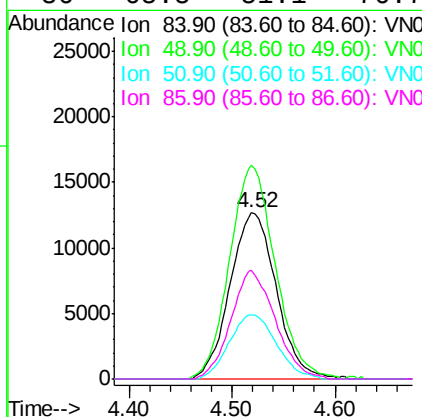
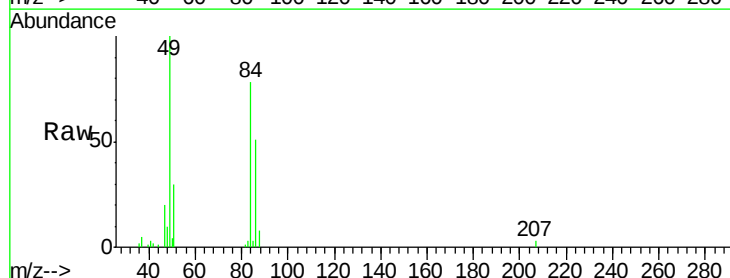
Instrument :
MSVOA_N
ClientSampled :
VN0304WBSD01

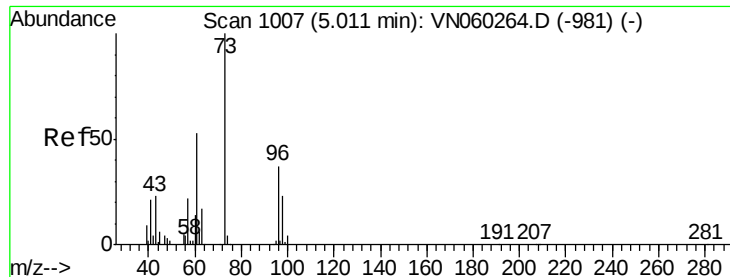
Tgt Ion: 73 Resp: 130631
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 17.809 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

Tgt Ion: 84 Resp: 39634
Ion Ratio Lower Upper
84 100
49 128.6 99.3 148.9
51 38.8 30.1 45.1
86 65.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.725 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

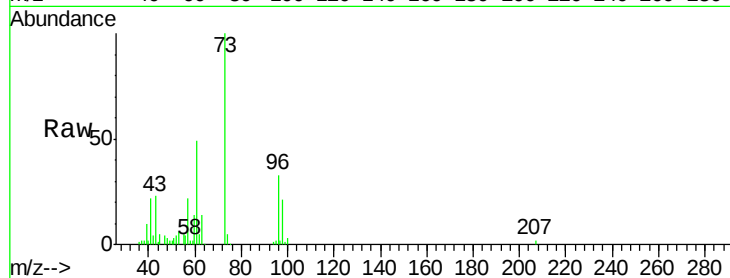
Tgt Ion: 96 Resp: 36339

Ion Ratio Lower Upper

96 100

61 149.5 113.8 170.8

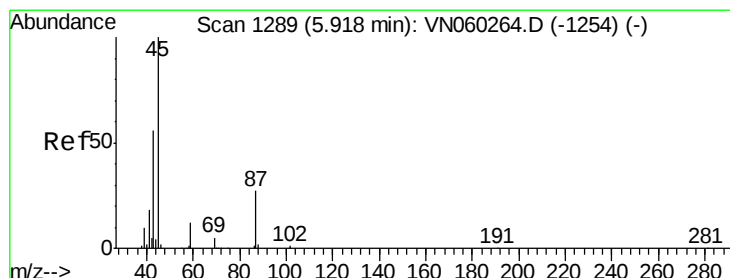
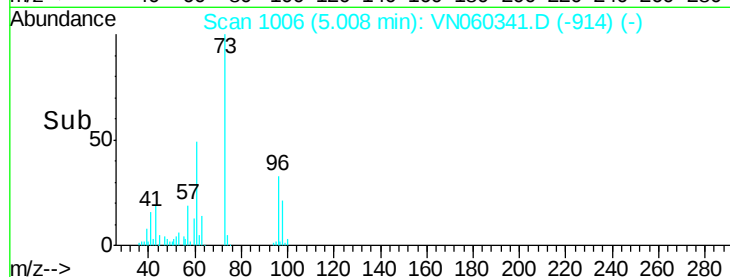
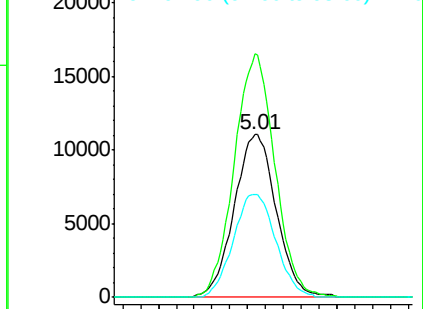
98 63.3 48.8 73.2



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: 19.101 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Tgt Ion: 45 Resp: 134046

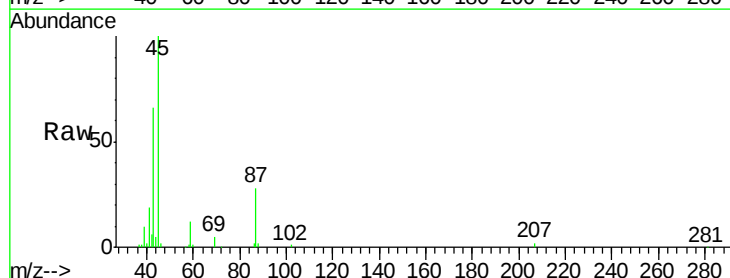
Ion Ratio Lower Upper

45 100

43 64.5 48.6 72.8

87 27.7 22.2 33.2

59 12.5 9.5 14.3

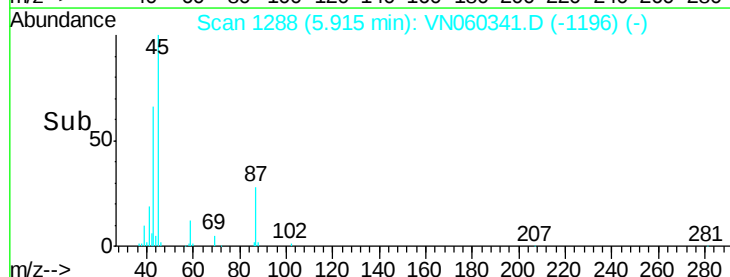
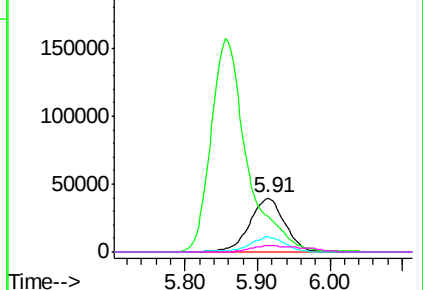


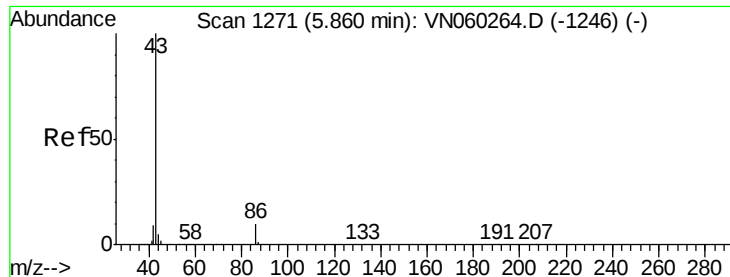
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 96.554 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

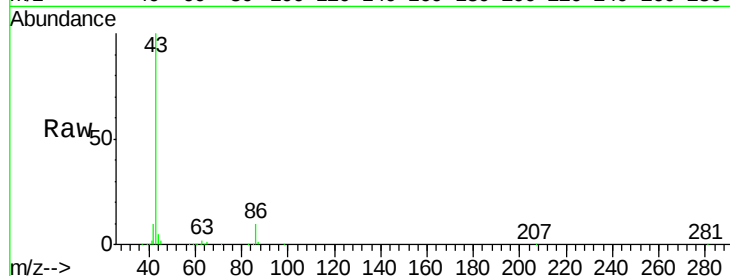
VN0304WBSD01

Tgt Ion: 43 Resp: 538436

Ion Ratio Lower Upper

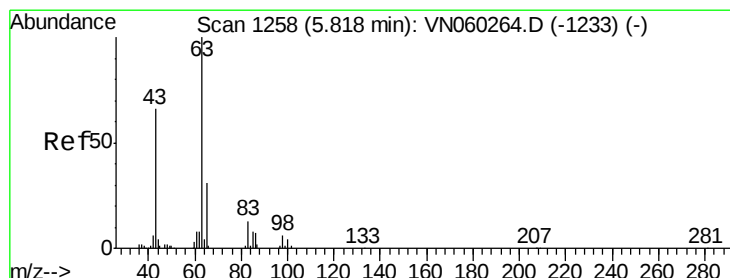
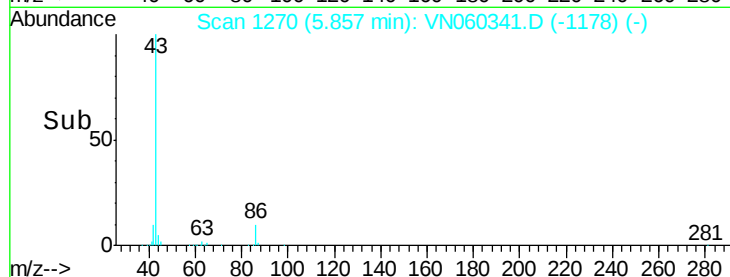
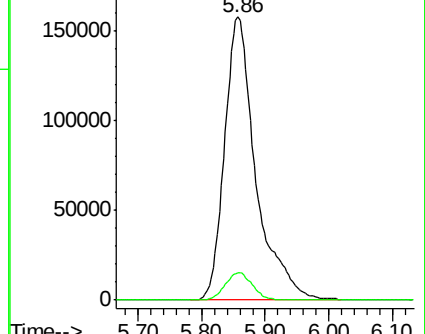
43 100

86 9.6 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.236 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

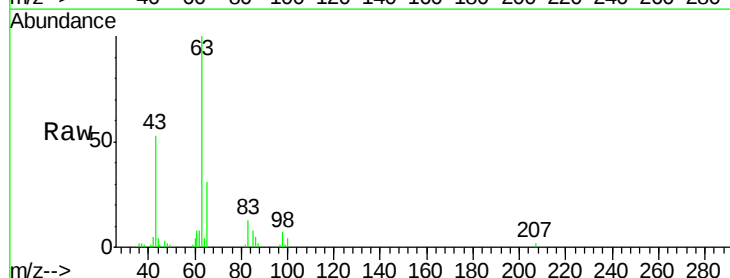
Tgt Ion: 63 Resp: 72444

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.0

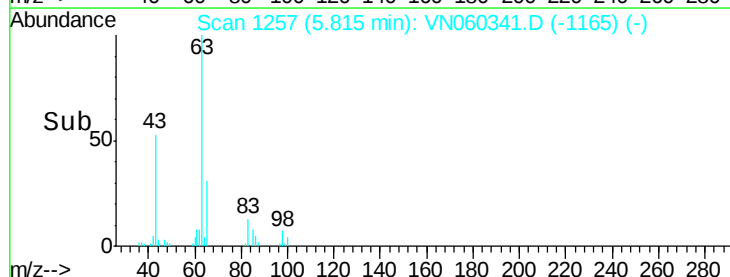
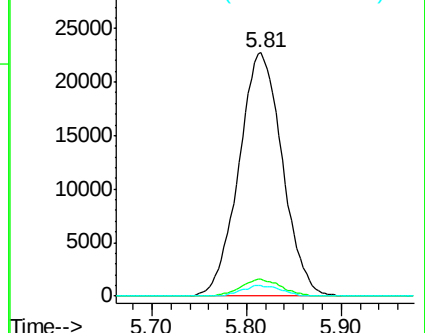
100 4.2 2.0 6.0

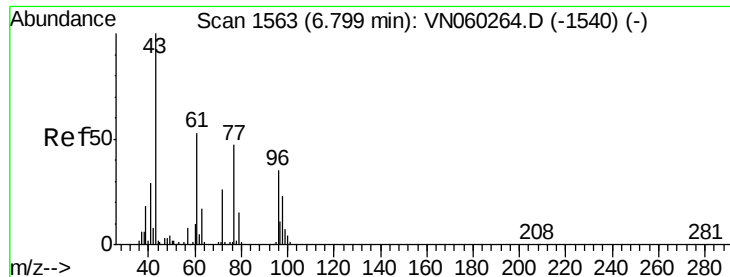


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 99.991 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

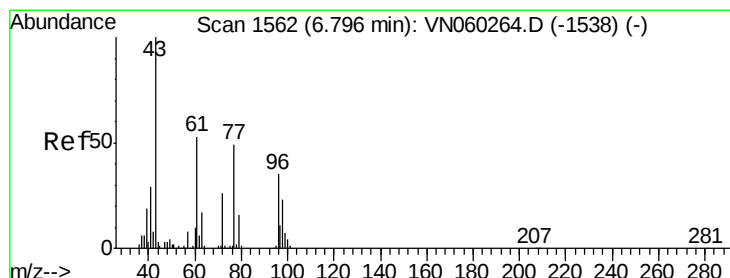
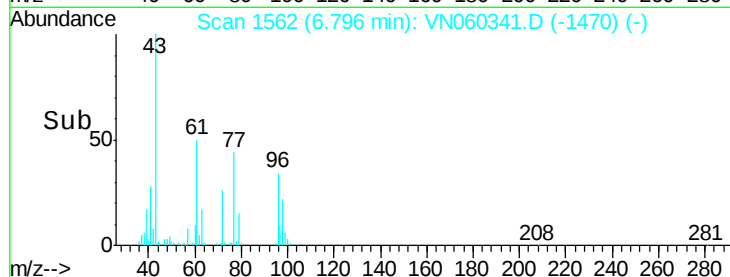
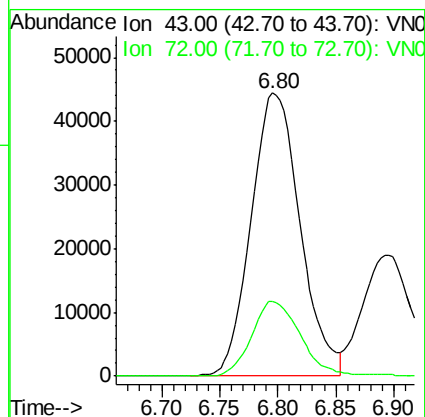
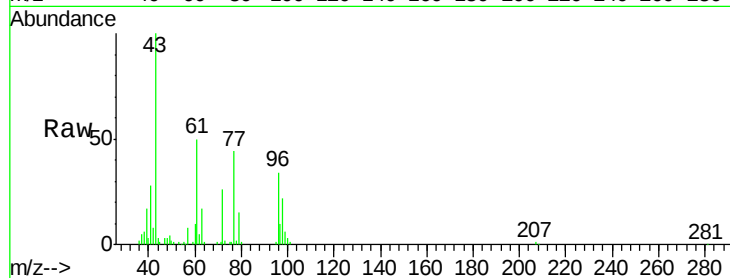
VN0304WBSD01

Tgt Ion: 43 Resp: 130881

Ion Ratio Lower Upper

43 100

72 26.5 20.9 31.3



#26

2,2-Dichloropropane

Concen: 17.560 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060341.D

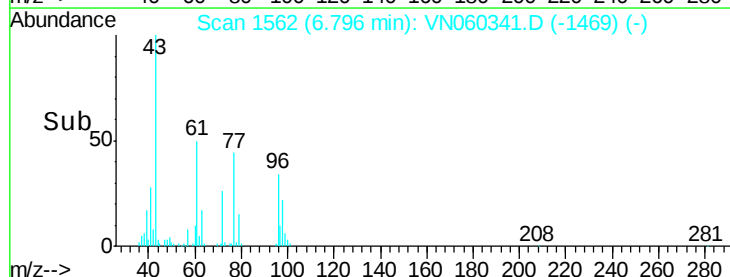
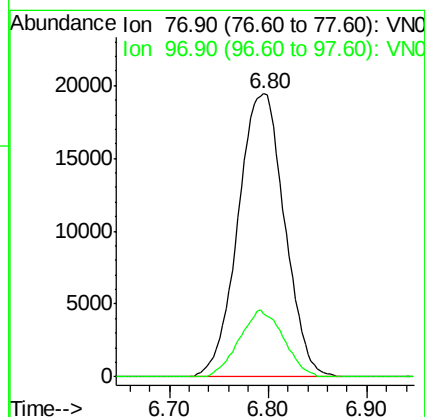
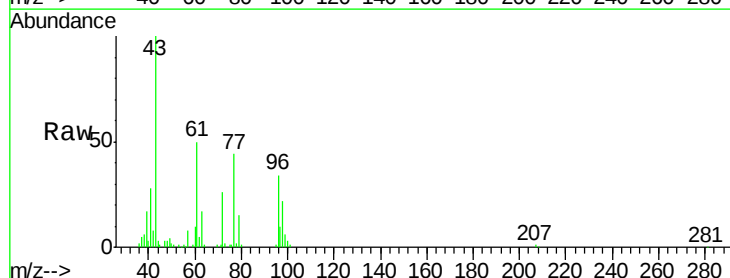
Acq: 4 Mar 2020 12:04

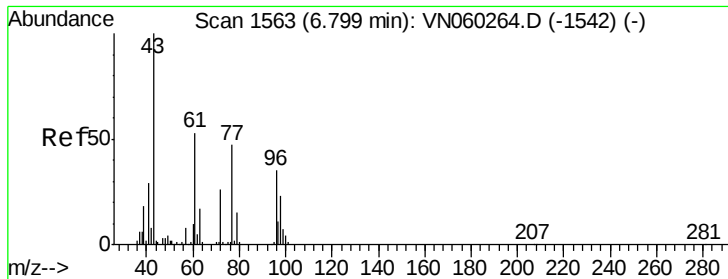
Tgt Ion: 77 Resp: 63506

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 17.394 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

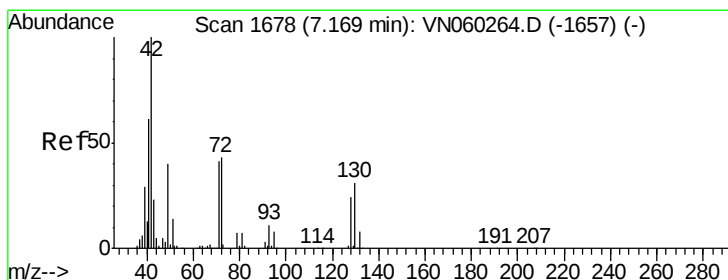
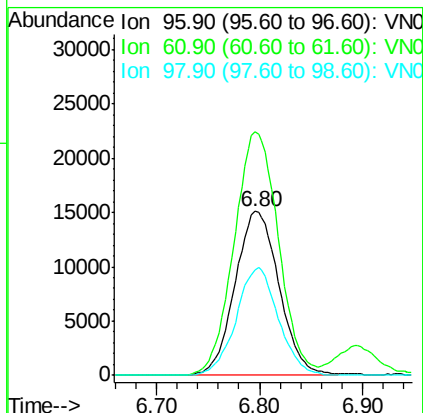
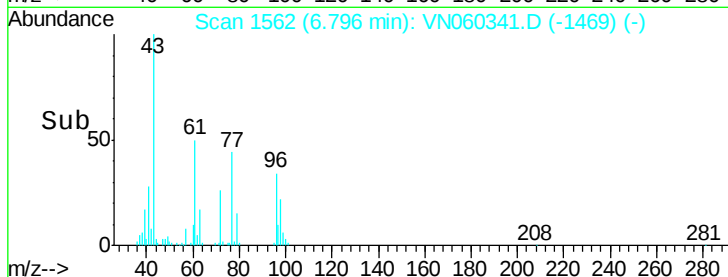
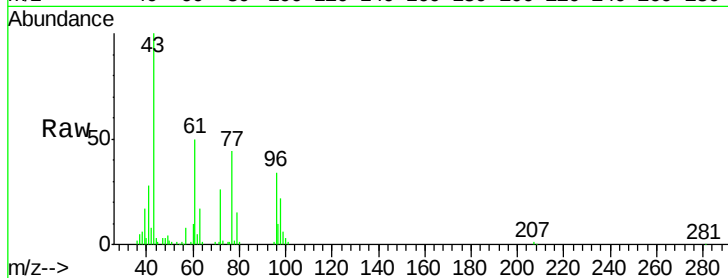
Tgt Ion: 96 Resp: 44887

Ion Ratio Lower Upper

96 100

61 149.3 0.0 300.8

98 62.7 0.0 128.2



#28

Bromochloromethane

Concen: 18.988 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

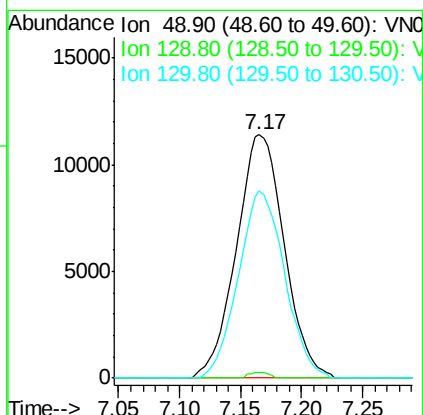
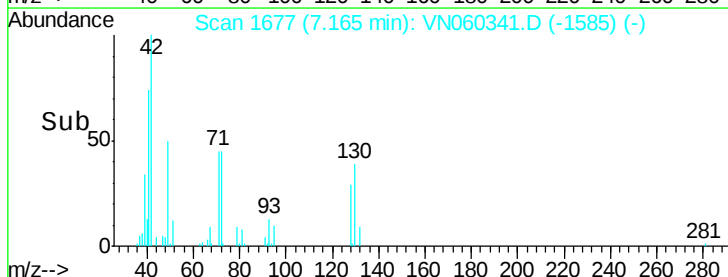
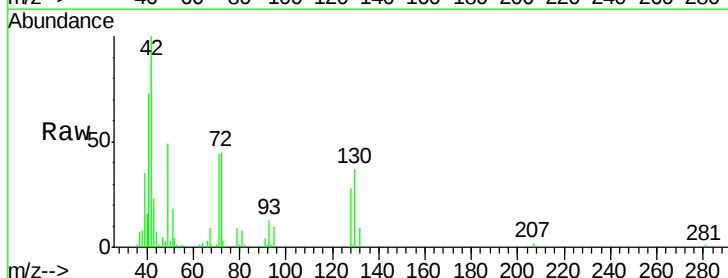
Tgt Ion: 49 Resp: 30970

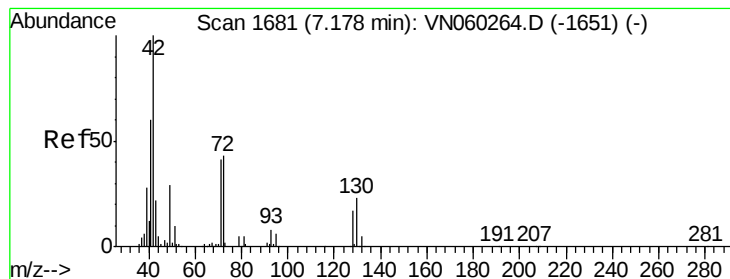
Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

130 74.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 96.066 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

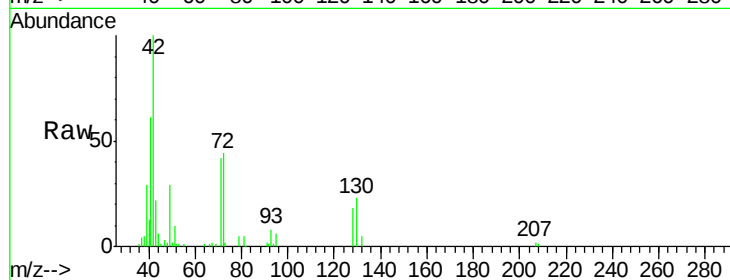
Tgt Ion: 42 Resp: 87439

Ion Ratio Lower Upper

42 100

72 44.2 34.6 52.0

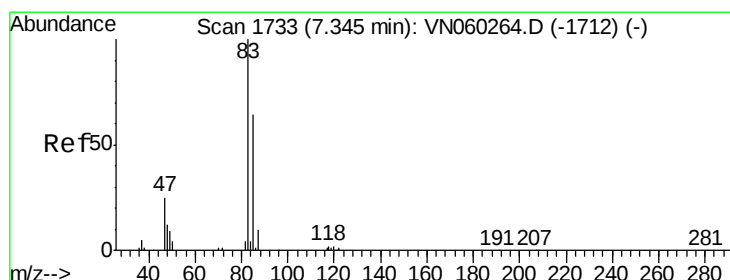
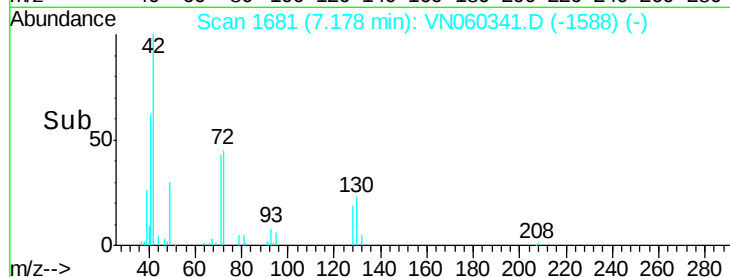
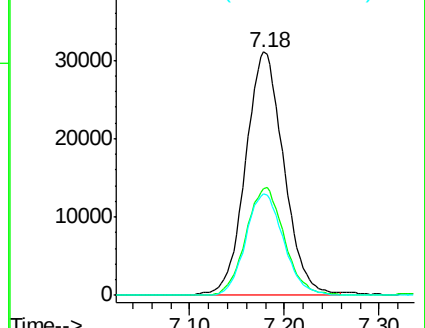
71 41.0 32.9 49.3



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: 18.768 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060341.D

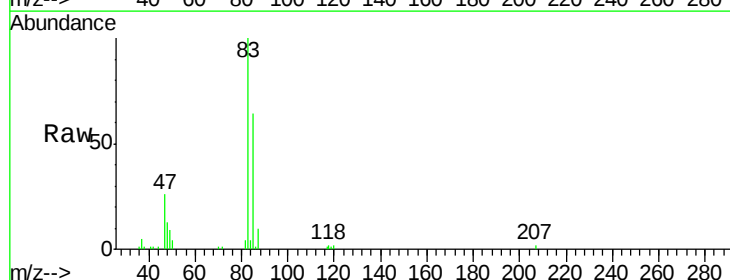
Acq: 4 Mar 2020 12:04

Tgt Ion: 83 Resp: 74221

Ion Ratio Lower Upper

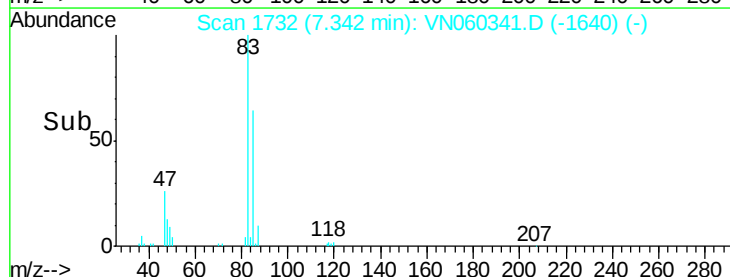
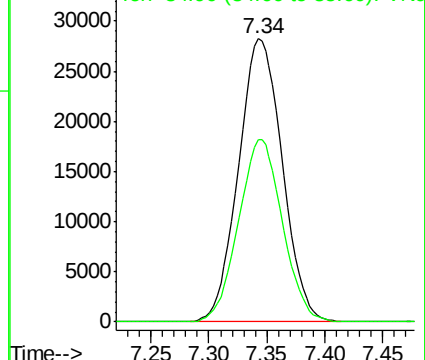
83 100

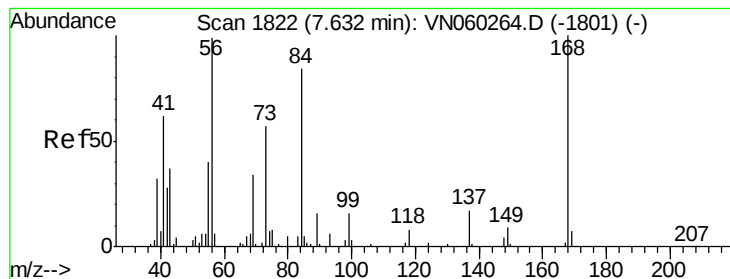
85 64.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.033 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

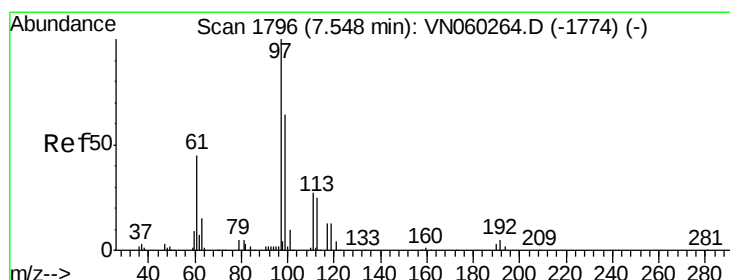
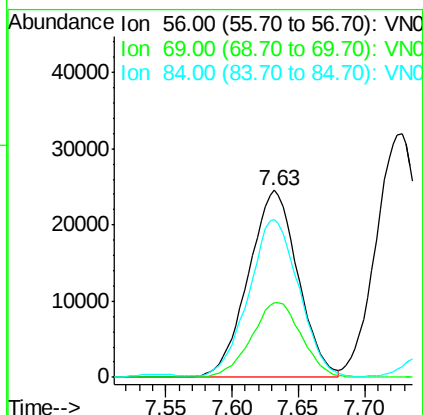
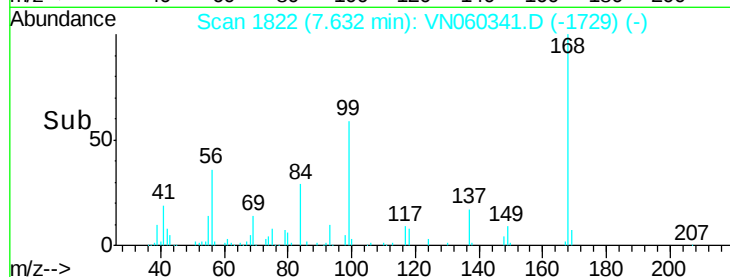
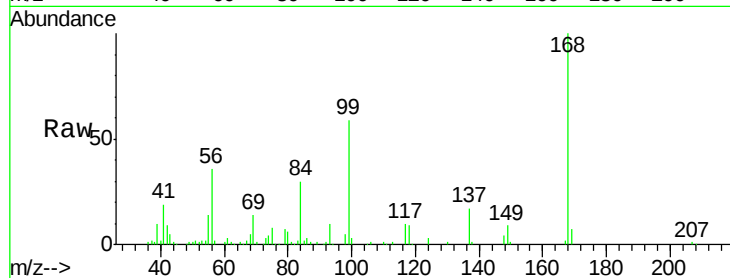
Tgt Ion: 56 Resp: 64039

Ion Ratio Lower Upper

56 100

69 39.7 27.2 40.8

84 83.6 66.7 100.1



#32

1,1,1-Trichloroethane

Concen: 18.106 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

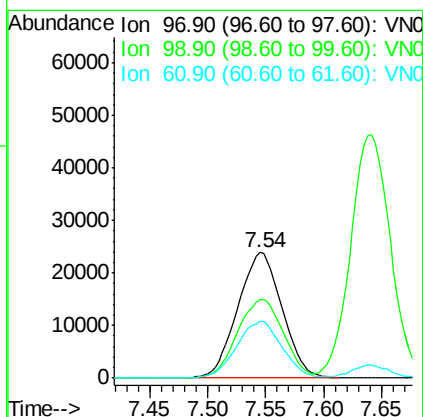
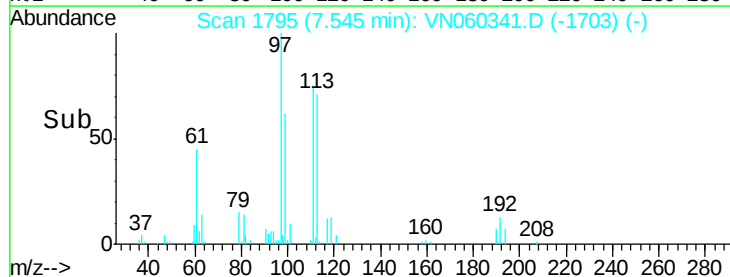
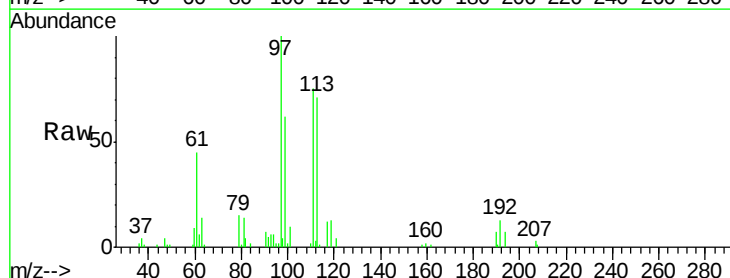
Tgt Ion: 97 Resp: 63440

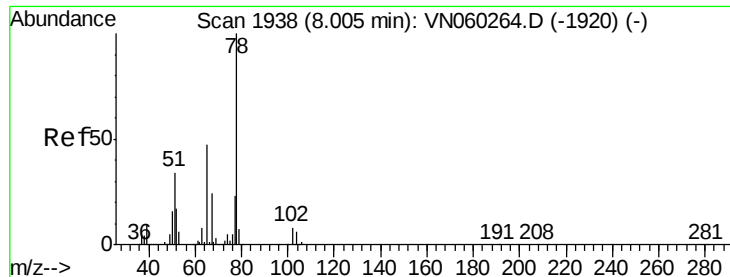
Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

61 46.2 36.6 55.0

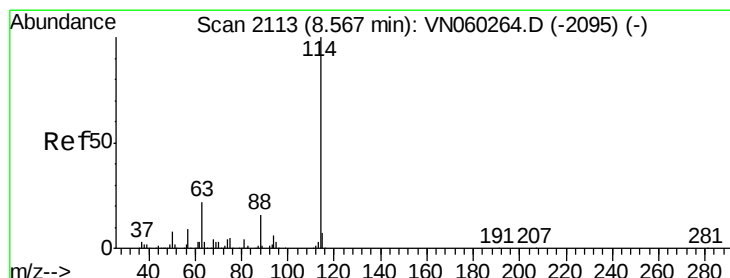
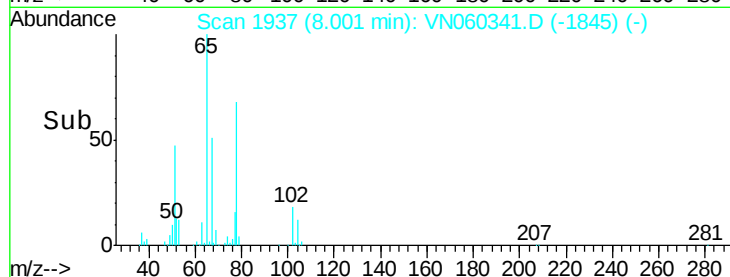
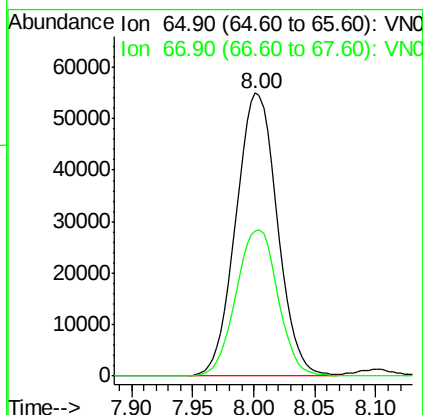
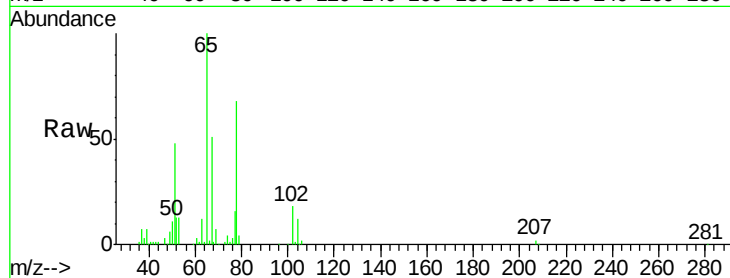




#33
 1,2-Dichloroethane-d4
 Concen: 51.606 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

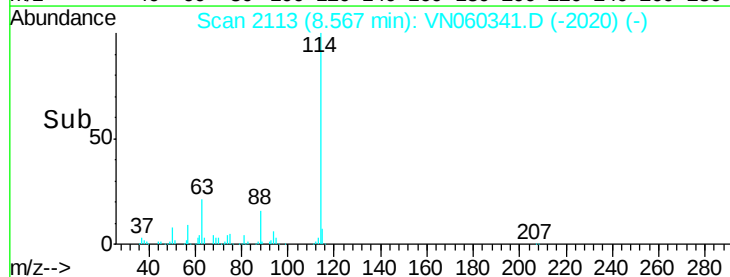
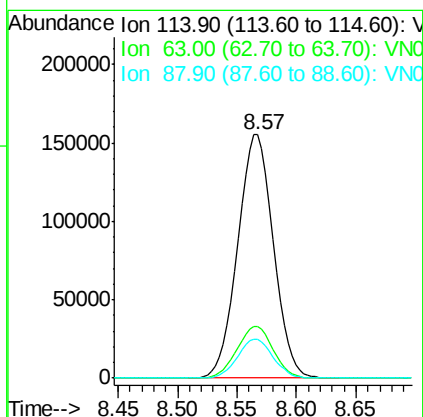
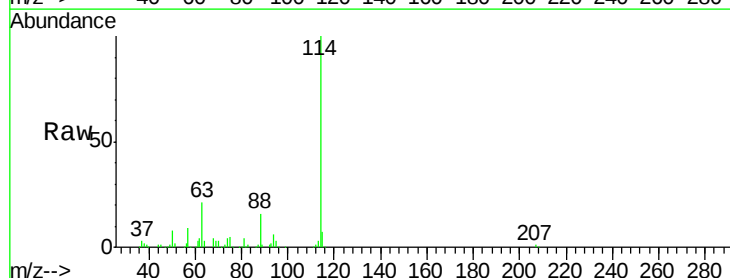
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

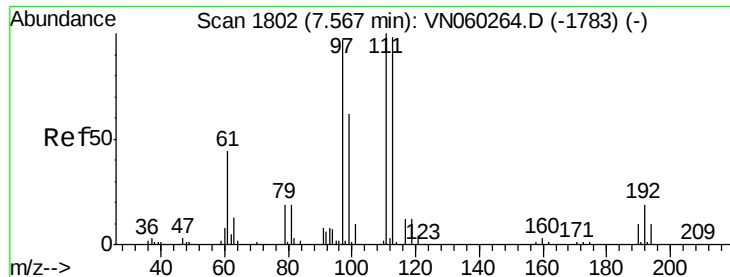
Tgt Ion: 65 Resp: 129500
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion: 114 Resp: 322727
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.1 0.0 31.6

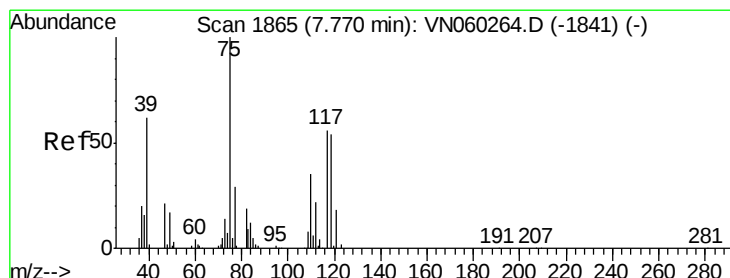
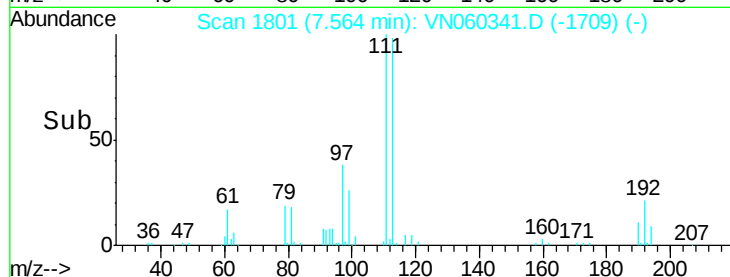
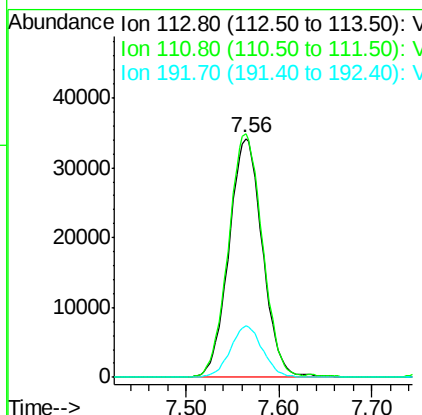
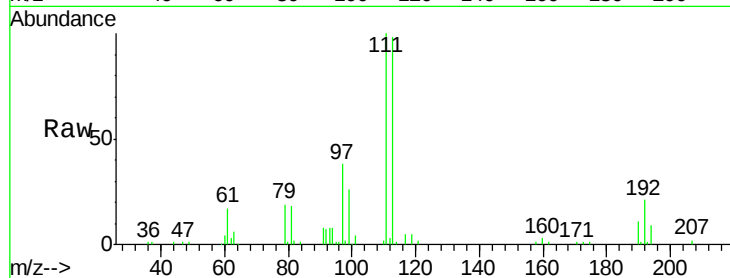




#35
 Dibromofluoromethane
 Concen: 57.297 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

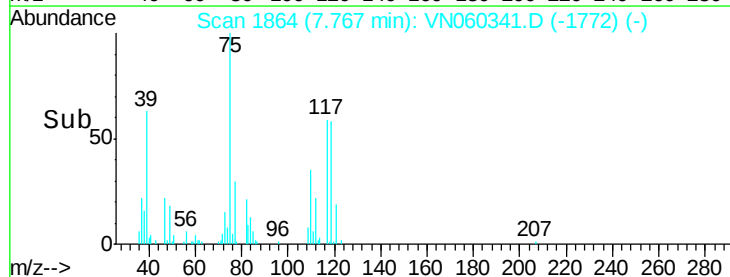
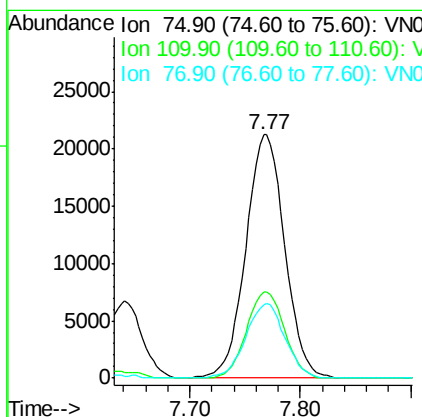
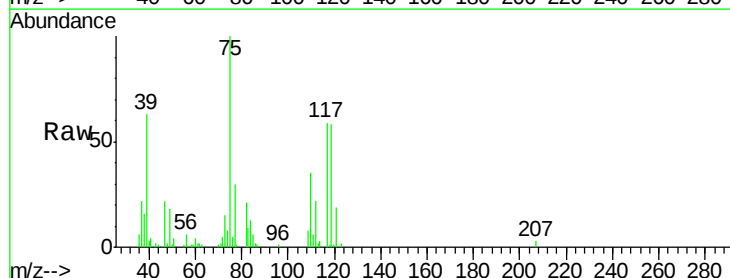
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

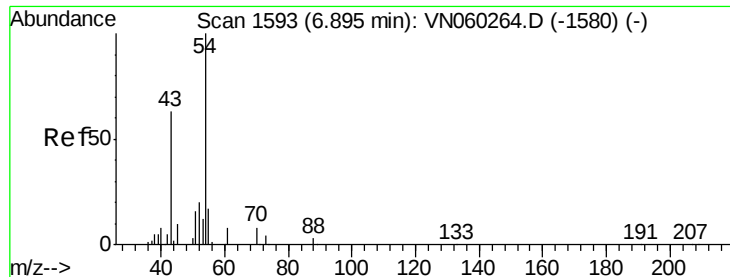
Tgt Ion: 113 Resp: 85830
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 20.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 16.831 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion: 75 Resp: 51767
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.3 52.0
 77 30.9 24.2 36.2

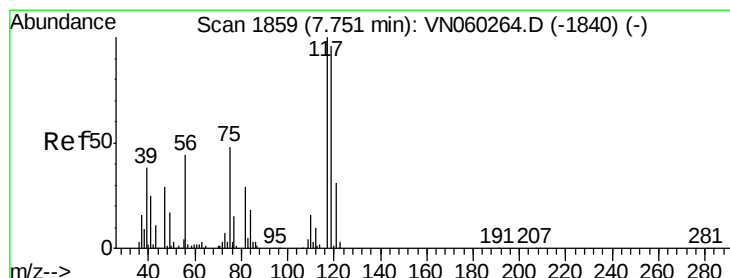
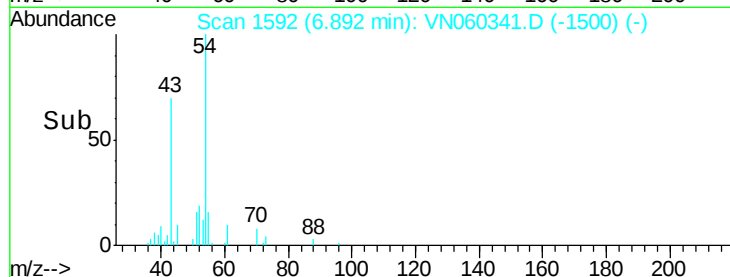
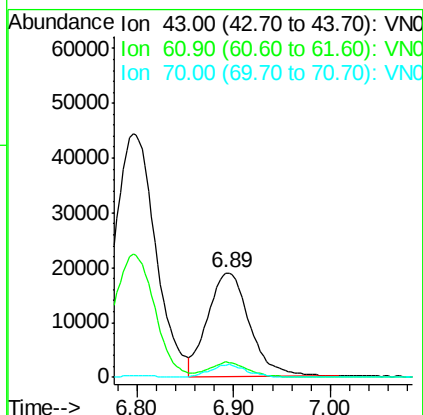
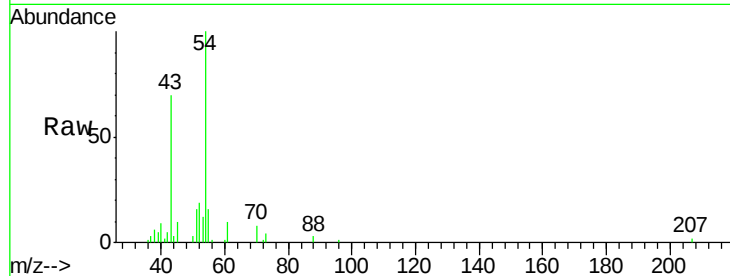




#37
Ethyl Acetate
 Concen: 19.598 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

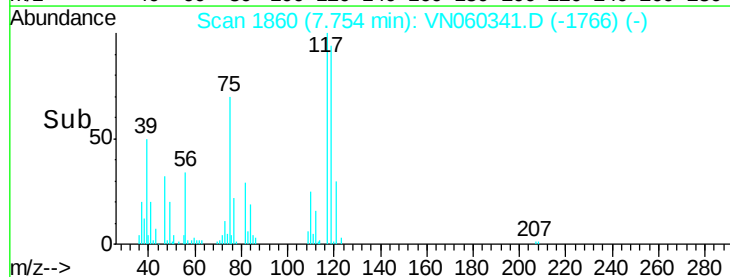
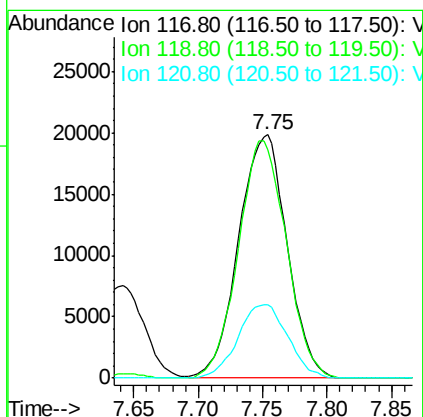
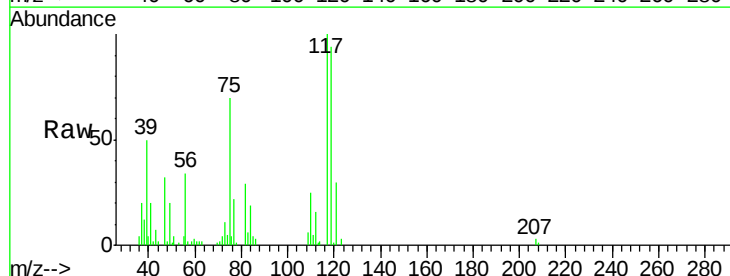
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

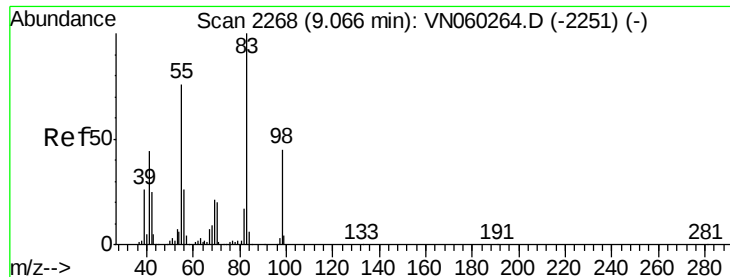
Tgt Ion: 43 Resp: 57076
 Ion Ratio Lower Upper
 43 100
 61 13.6 11.1 16.7
 70 10.7 8.4 12.6



#38
Carbon Tetrachloride
 Concen: 17.325 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion: 117 Resp: 51882
 Ion Ratio Lower Upper
 117 100
 119 94.0 76.7 115.1
 121 30.3 24.5 36.7

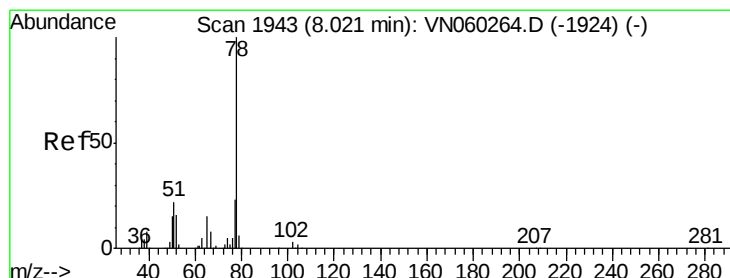
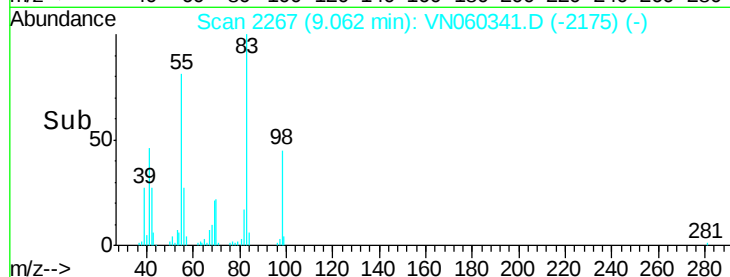
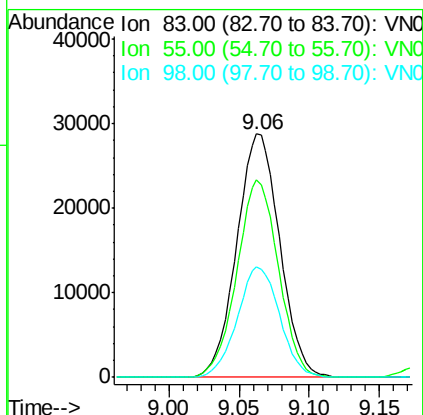
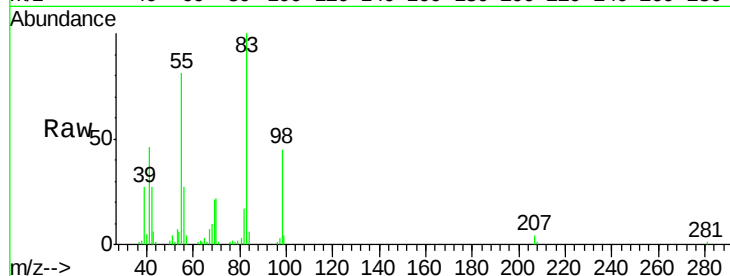




#39
Methylcyclohexane
Concen: 16.901 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

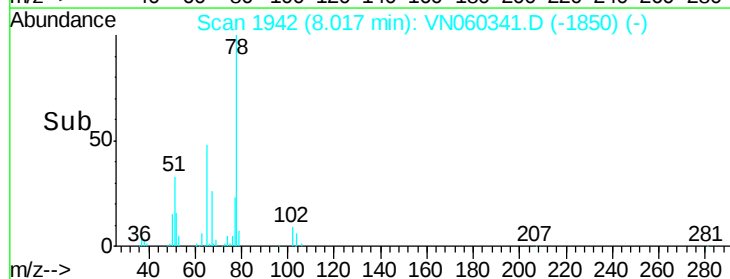
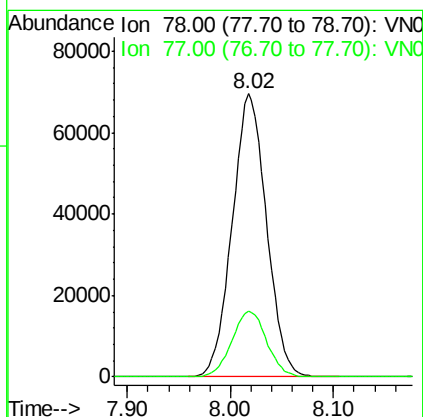
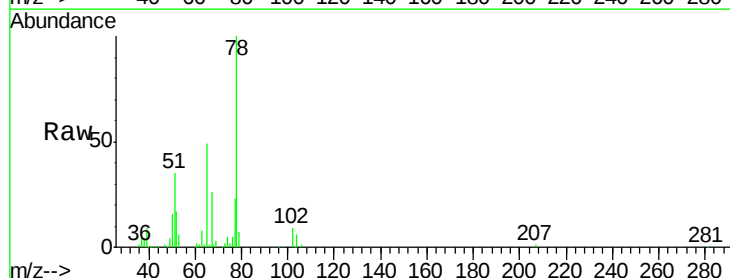
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

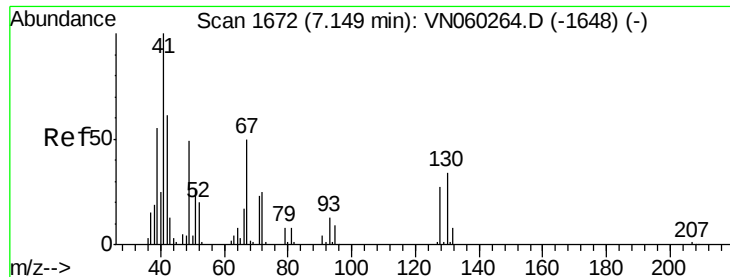
Tgt Ion: 83 Resp: 61292
Ion Ratio Lower Upper
83 100
55 80.9 61.0 91.4
98 45.3 36.1 54.1



#40
Benzene
Concen: 17.962 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

Tgt Ion: 78 Resp: 160797
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

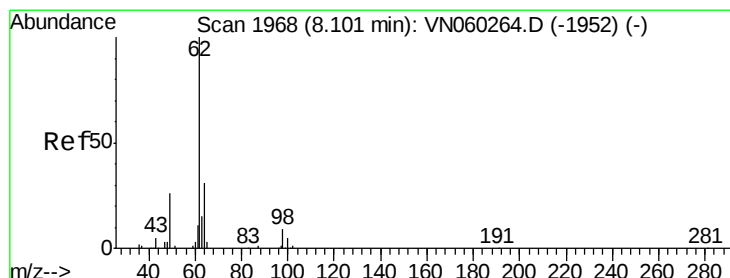
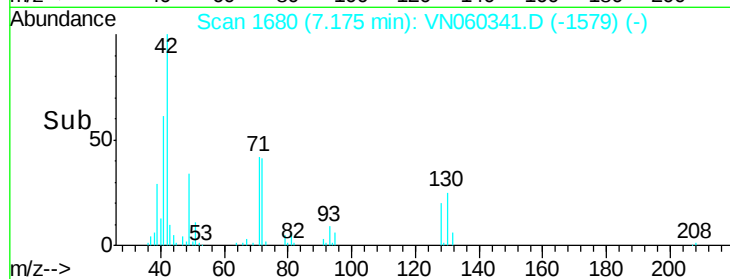
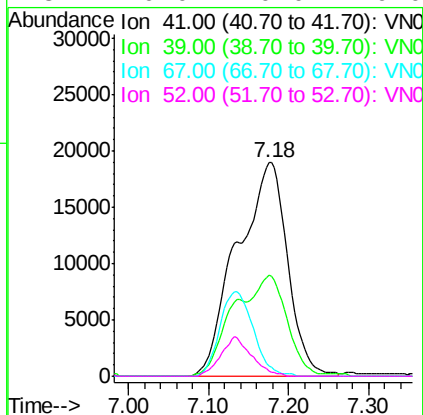
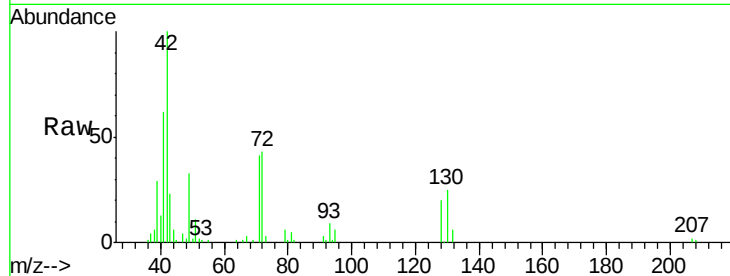




#41
Methacrylonitrile
Concen: 60.882 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

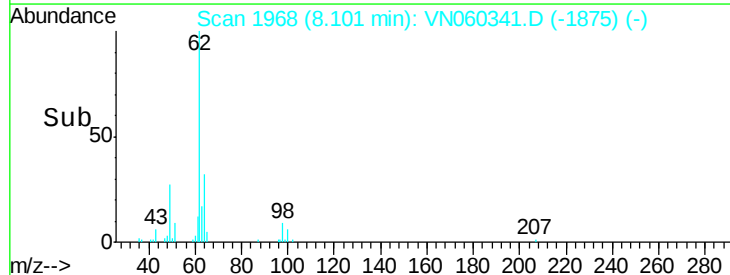
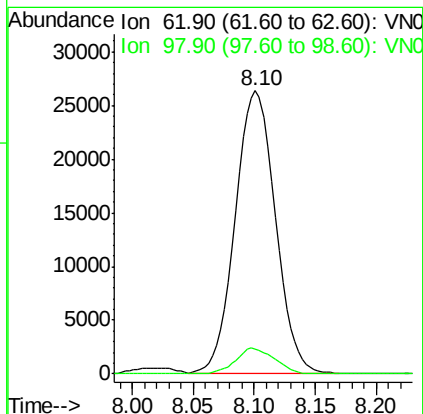
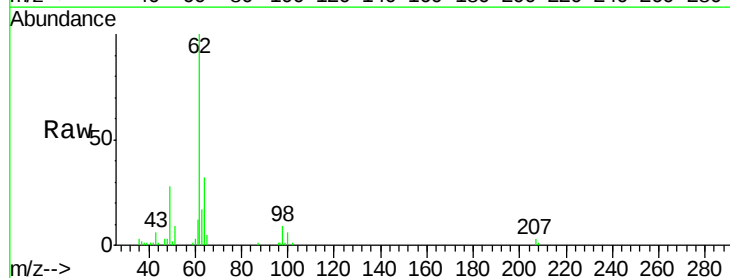
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

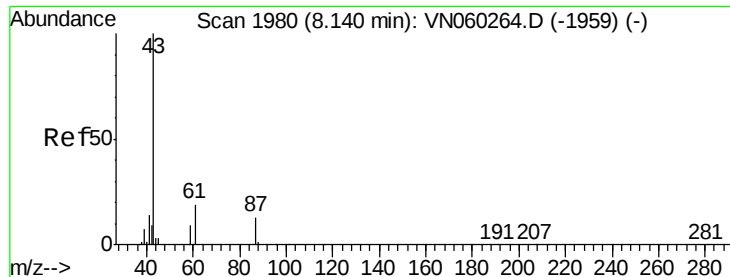
Tgt Ion:	41	Resp:	81870
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.669 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

Tgt Ion:	62	Resp:	60309
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0





#43

Isopropyl Acetate

Concen: 19.266 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

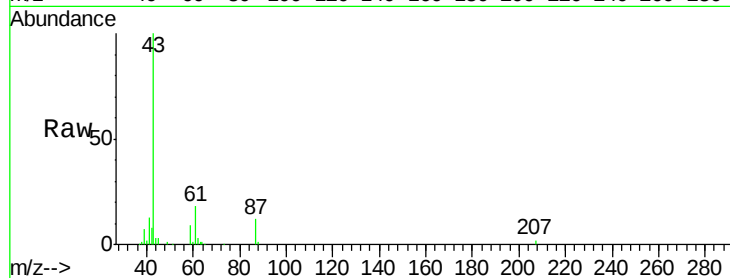
Tgt Ion: 43 Resp: 98227

Ion Ratio Lower Upper

43 100

61 26.1 20.9 31.3

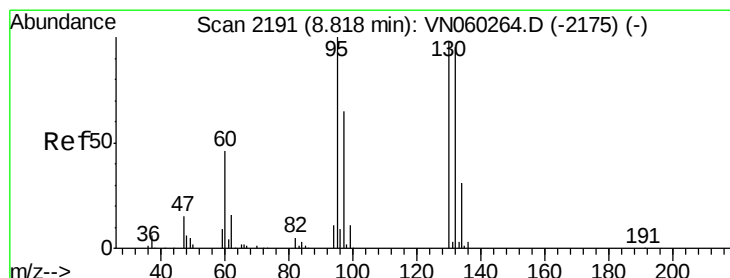
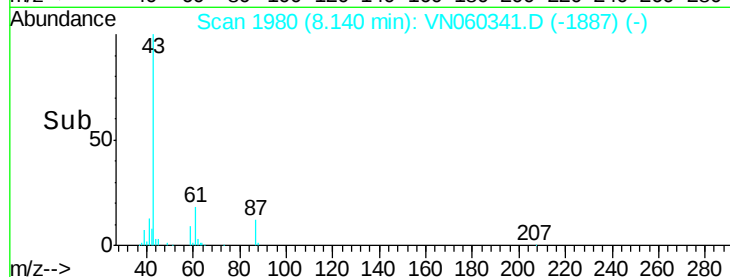
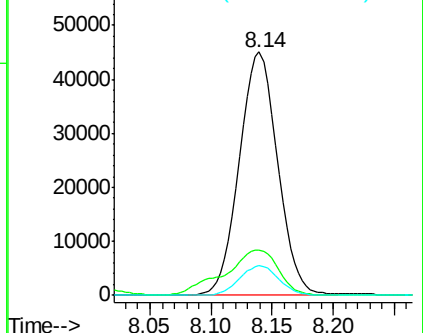
87 12.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#44

Trichloroethene

Concen: 17.710 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060341.D

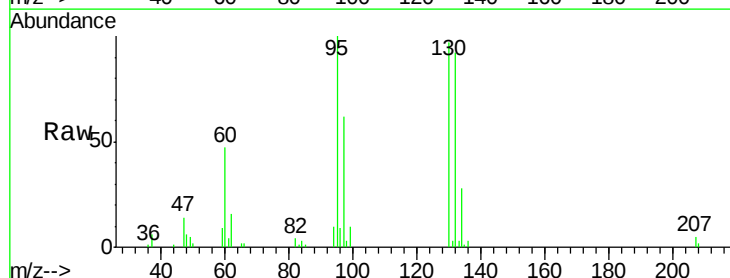
Acq: 4 Mar 2020 12:04

Tgt Ion: 130 Resp: 44156

Ion Ratio Lower Upper

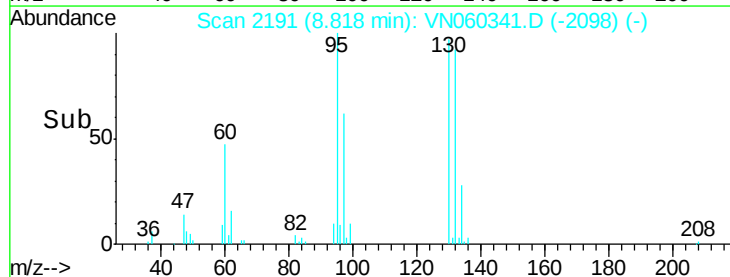
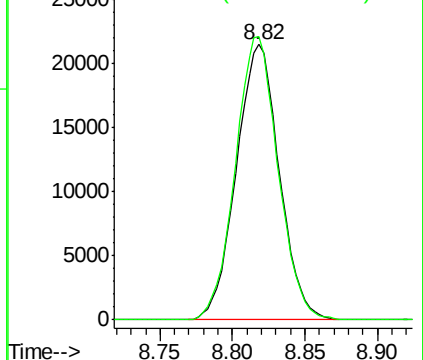
130 100

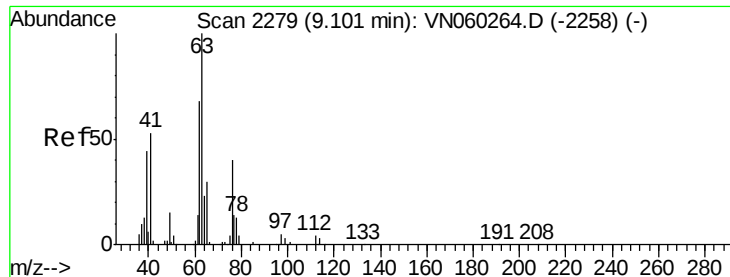
95 102.7 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060264.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060264.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 18.930 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

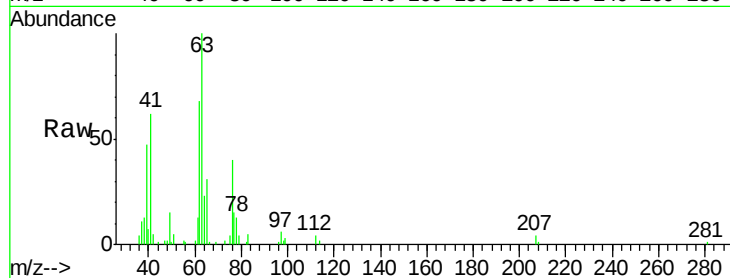
VN0304WBSD01

Tgt Ion: 63 Resp: 44308

Ion Ratio Lower Upper

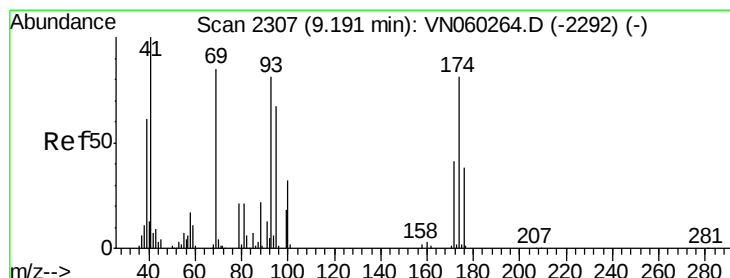
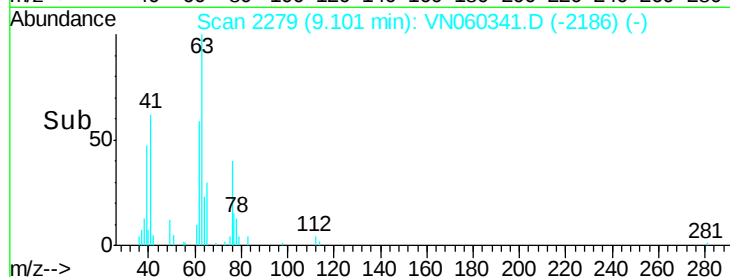
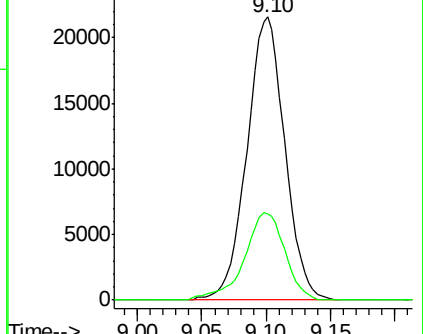
63 100

65 30.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.345 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

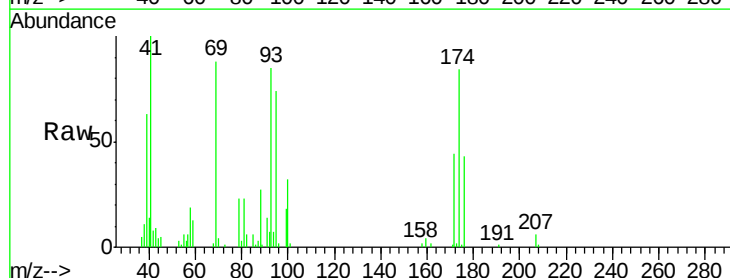
Tgt Ion: 93 Resp: 27861

Ion Ratio Lower Upper

93 100

95 86.0 65.9 98.9

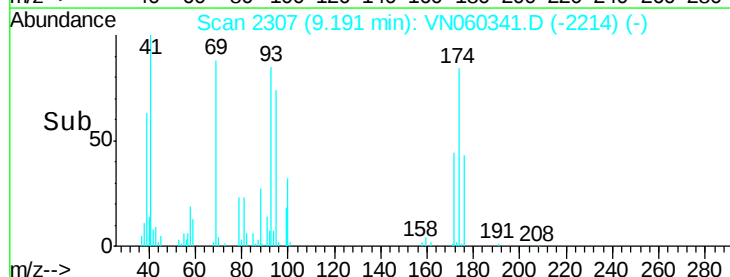
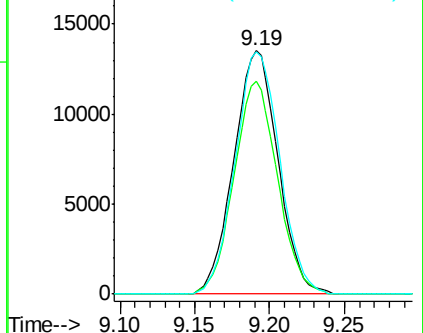
174 100.2 79.6 119.4

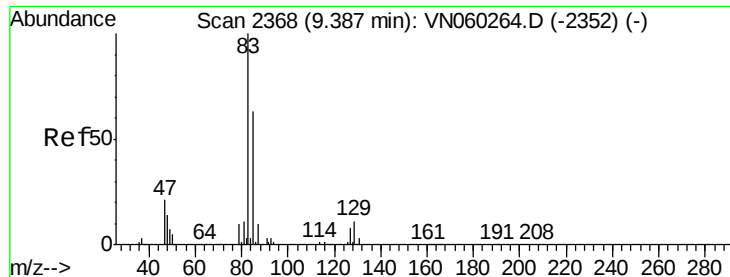


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.553 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

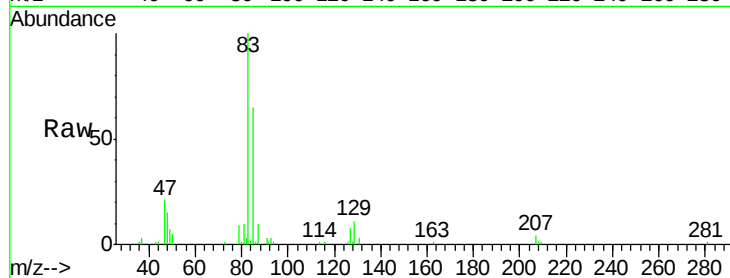
Tgt Ion: 83 Resp: 57307

Ion Ratio Lower Upper

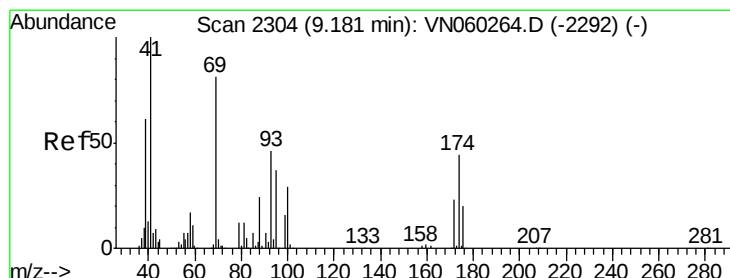
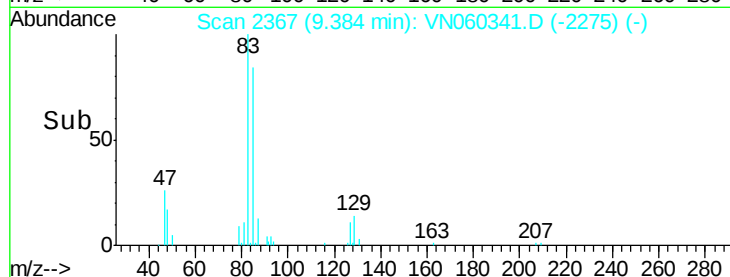
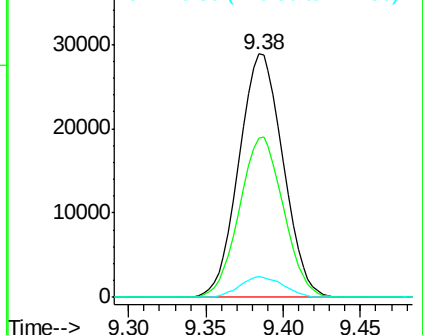
83 100

85 65.2 50.7 76.1

127 8.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.947 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

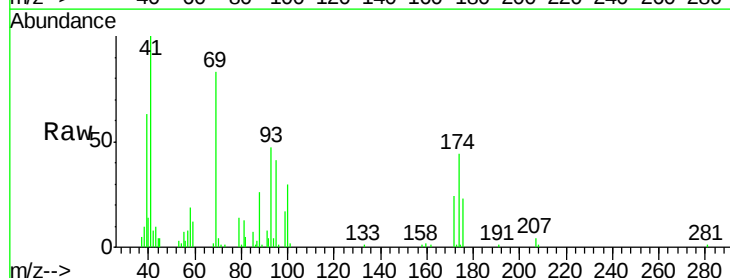
Tgt Ion: 41 Resp: 41726

Ion Ratio Lower Upper

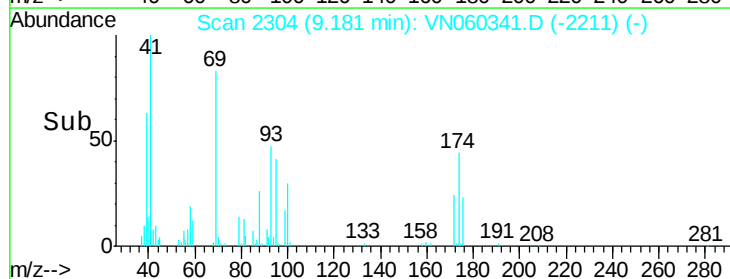
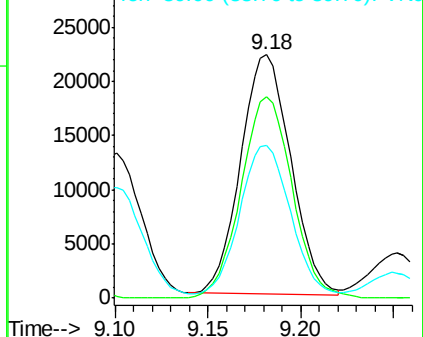
41 100

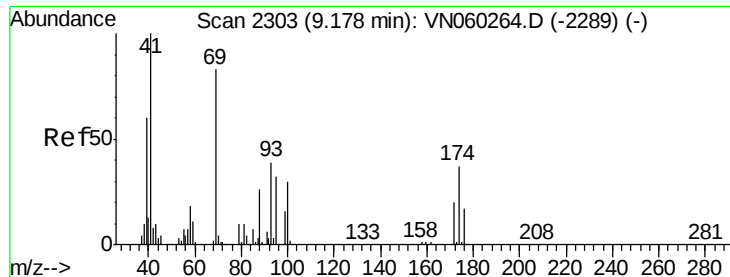
69 85.1 66.7 100.1

39 65.4 50.1 75.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

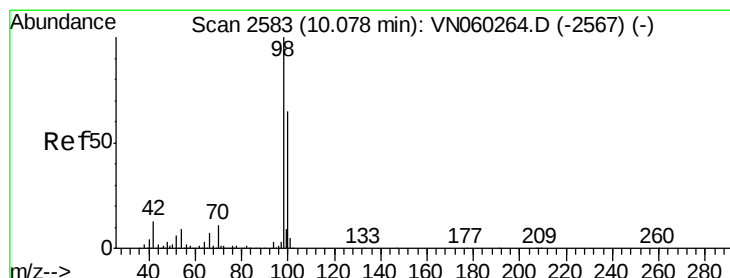
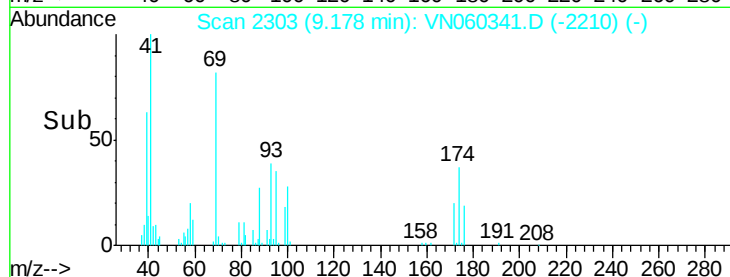
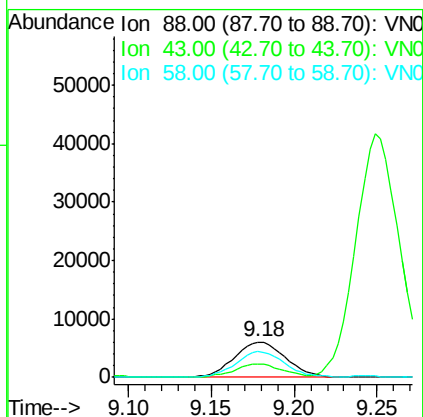
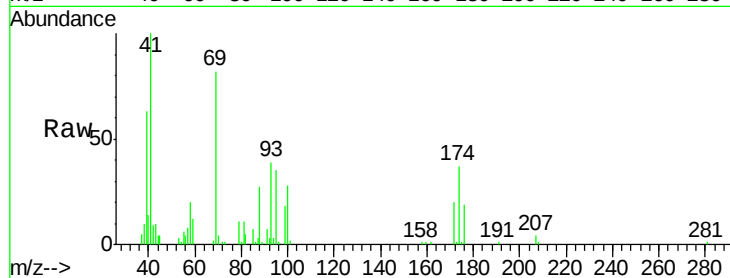




#49
 1,4-Dioxane
 Concen: 394.299 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

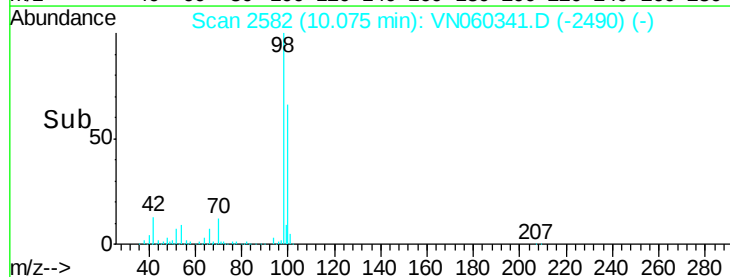
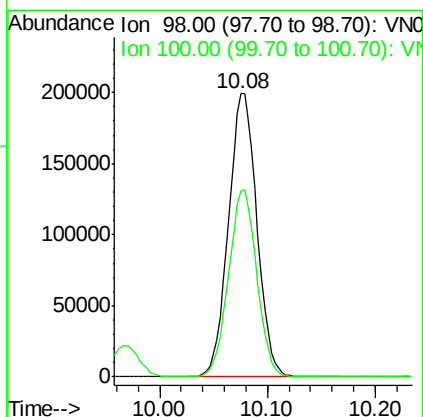
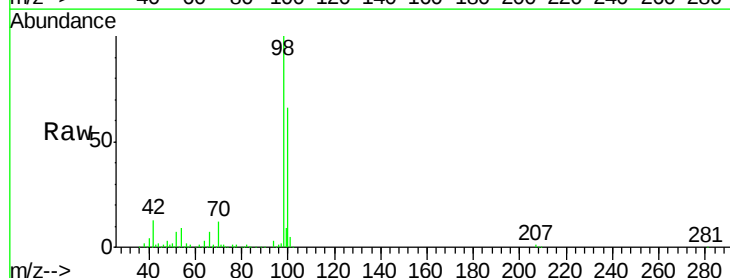
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

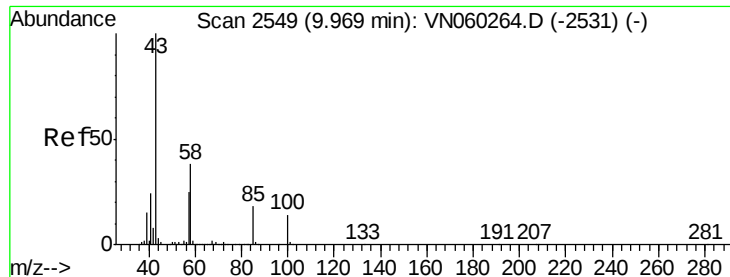
Tgt Ion: 88 Resp: 12892
 Ion Ratio Lower Upper
 88 100
 43 36.2 30.4 45.6
 58 70.4 57.0 85.6



#50
 Toluene-d8
 Concen: 48.258 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion: 98 Resp: 365871
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.2 78.2

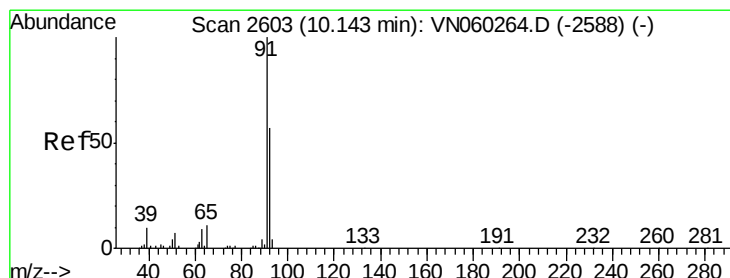
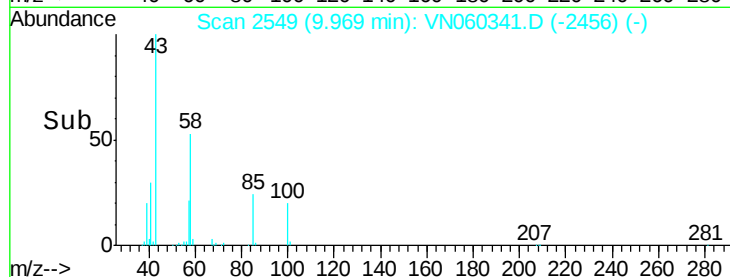
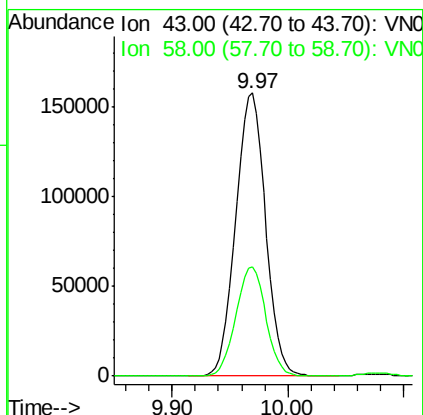
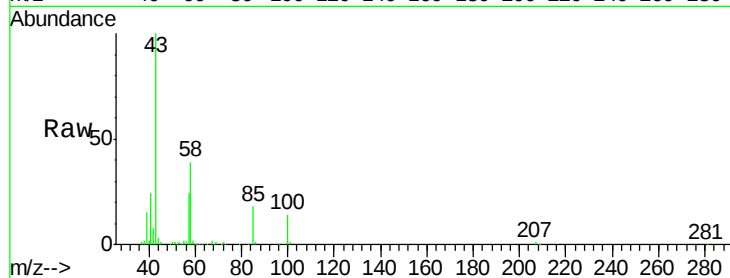




#51
 4-Methyl-2-Pentanone
 Concen: 97.448 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

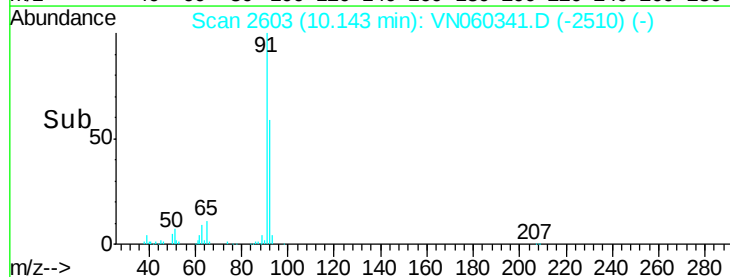
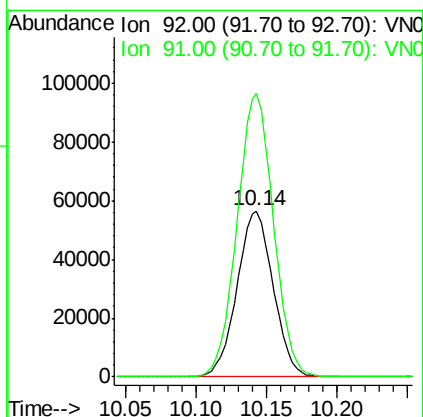
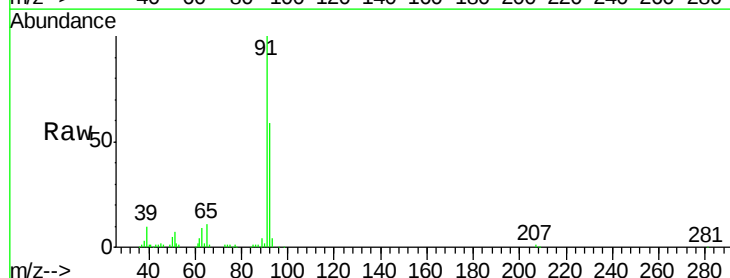
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

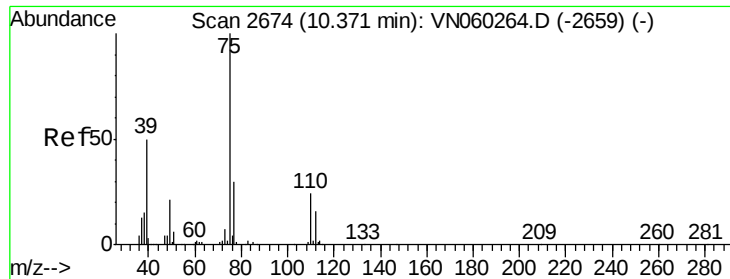
Tgt Ion: 43 Resp: 281703
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.9 46.3



#52
 Toluene
 Concen: 18.068 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion: 92 Resp: 101606
 Ion Ratio Lower Upper
 92 100
 91 171.5 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 17.889 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

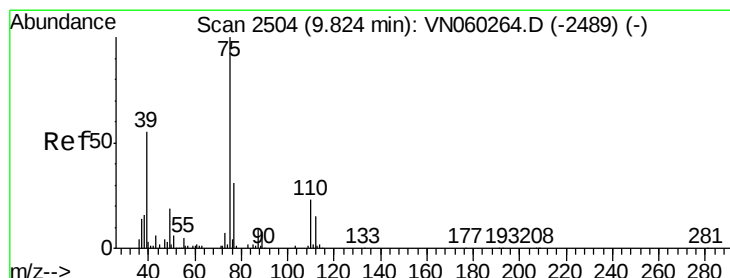
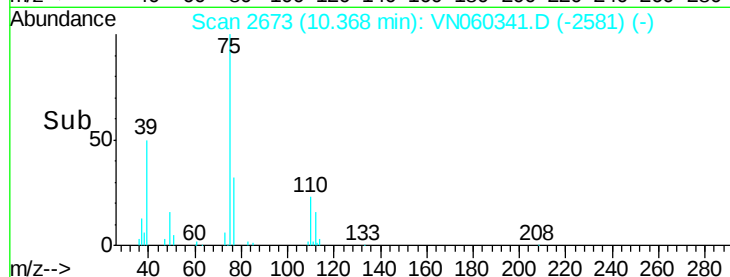
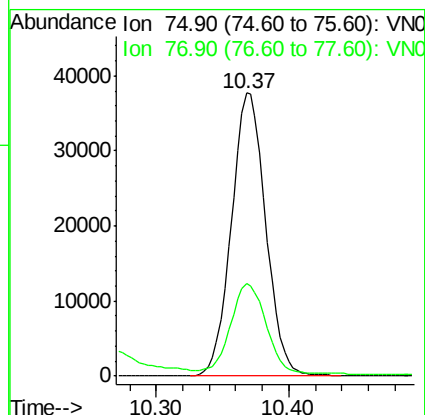
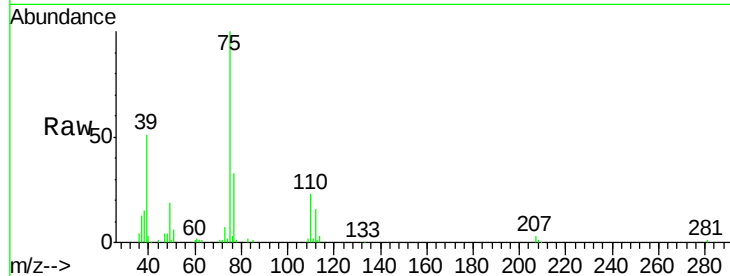
VN0304WBSD01

Tgt Ion: 75 Resp: 67707

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.328 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

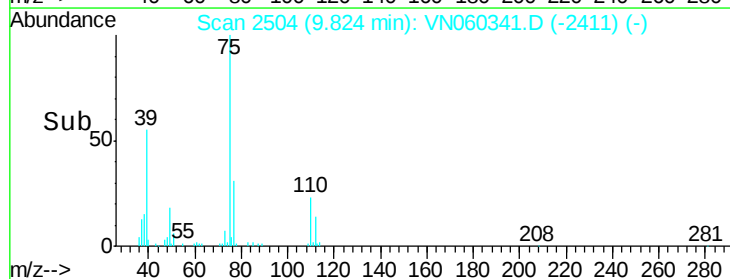
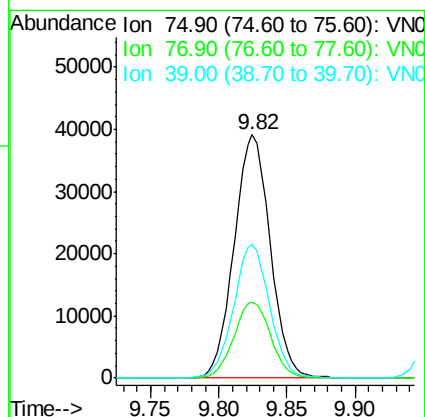
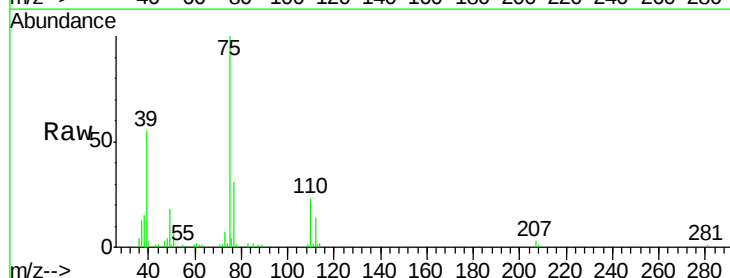
Tgt Ion: 75 Resp: 71880

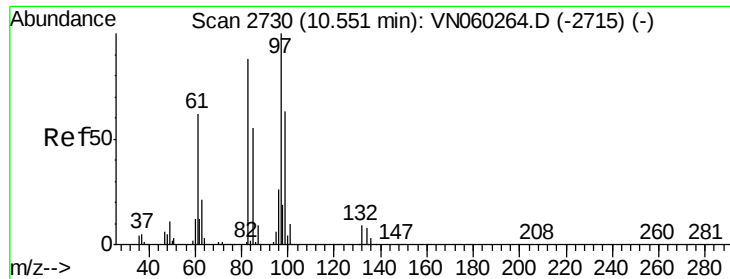
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 55.1 43.8 65.8

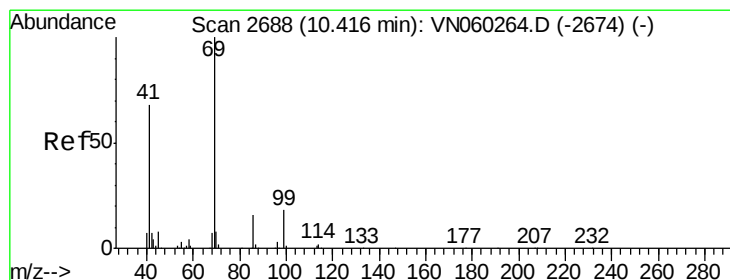
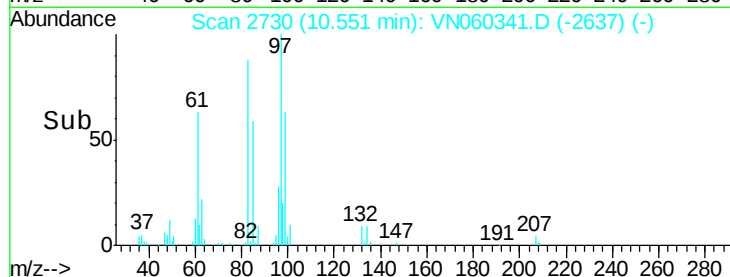
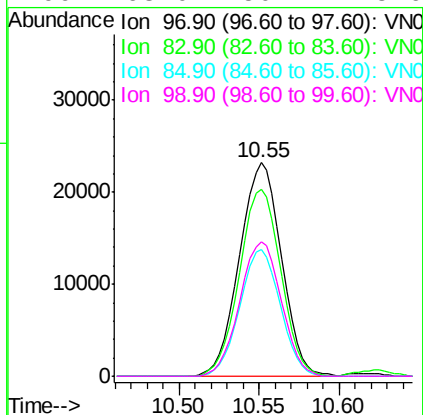
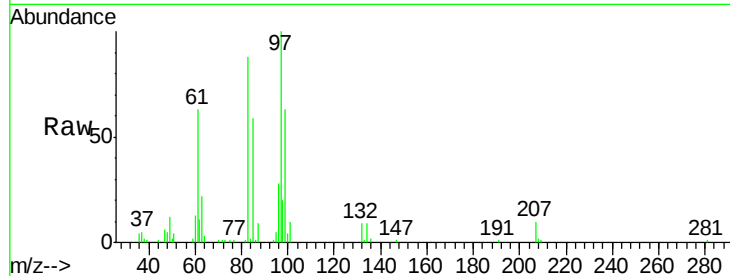




#55
 1,1,2-Trichloroethane
 Concen: 18.385 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

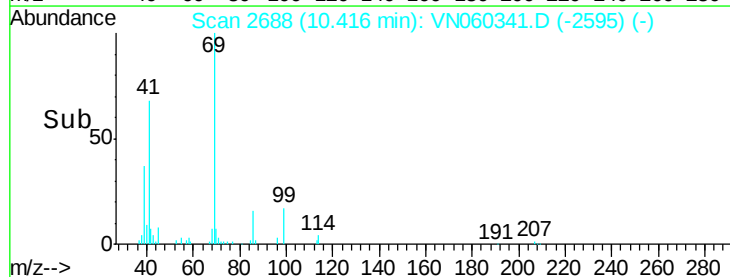
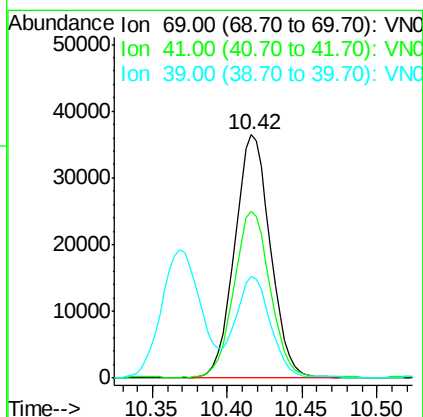
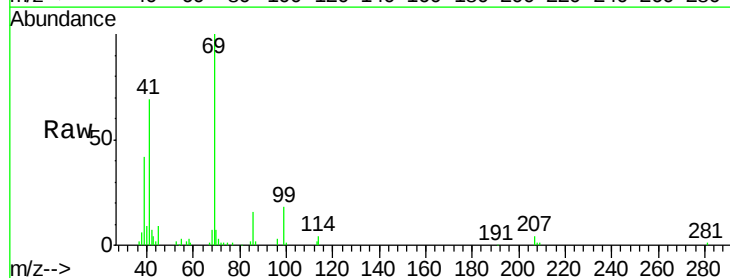
Instrument :
 MSVOA_N
 ClientSampled :
 VN0304WBSD01

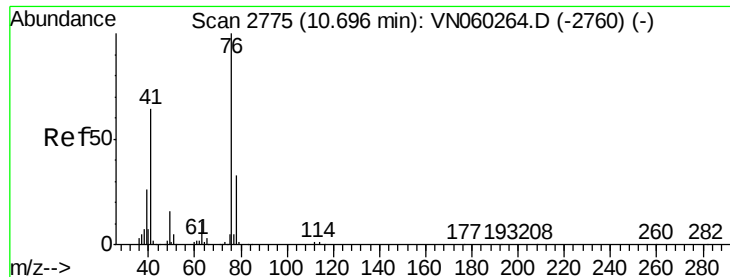
Tgt Ion:	97	Resp:	41577
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.0	105.0
85	59.4	44.0	66.0
99	63.0	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 18.638 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion:	69	Resp:	60552
Ion	Ratio	Lower	Upper
69	100		
41	70.3	54.1	81.1
39	42.3	32.5	48.7





#57

1,3-Dichloropropane

Concen: 19.018 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

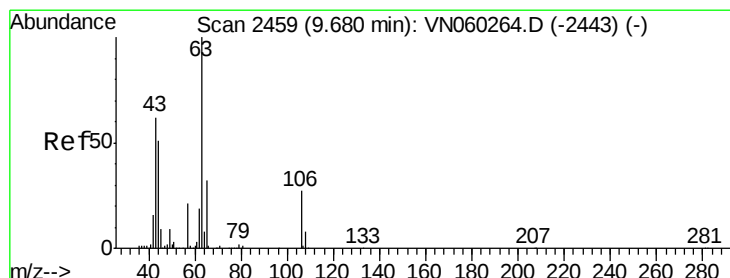
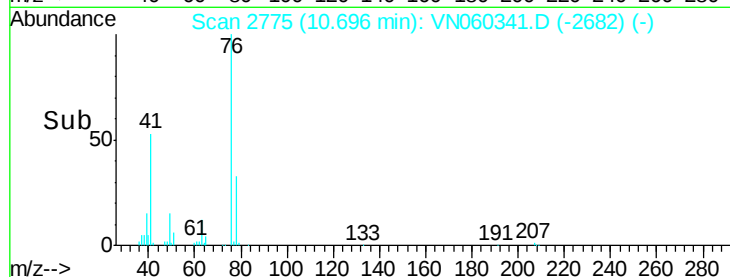
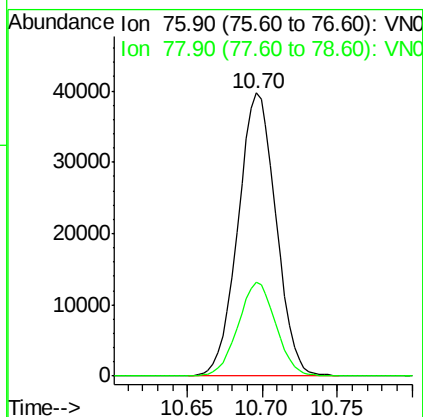
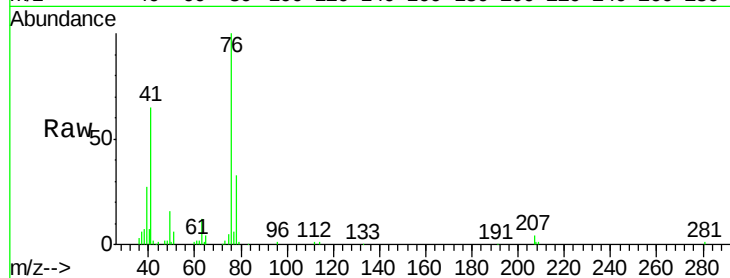
VN0304WBSD01

Tgt Ion: 76 Resp: 70137

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 94.329 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060341.D

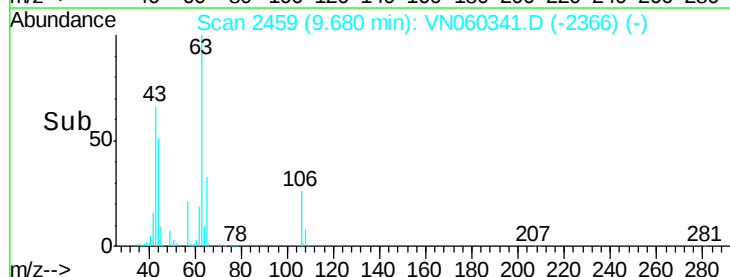
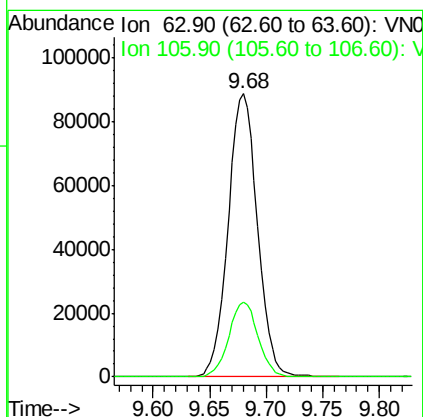
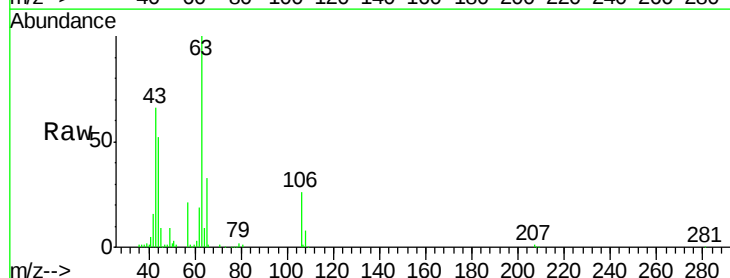
Acq: 4 Mar 2020 12:04

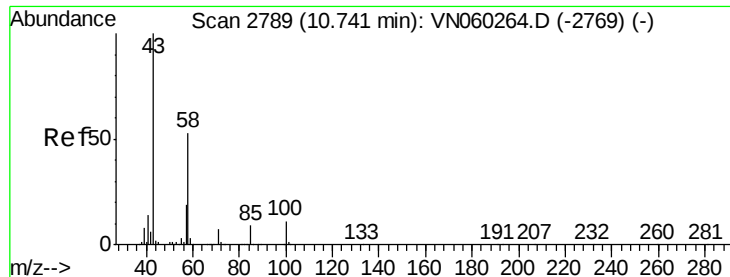
Tgt Ion: 63 Resp: 160282

Ion Ratio Lower Upper

63 100

106 26.3 21.1 31.7

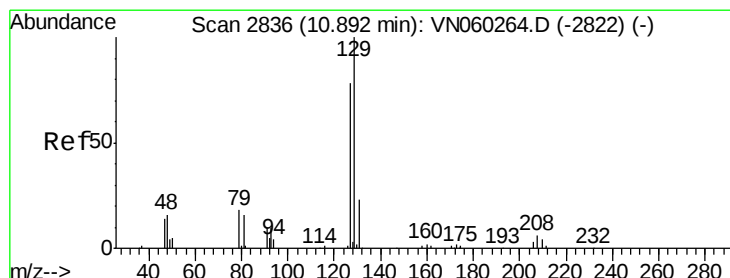
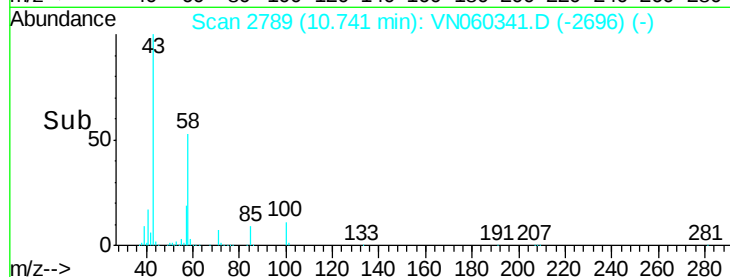
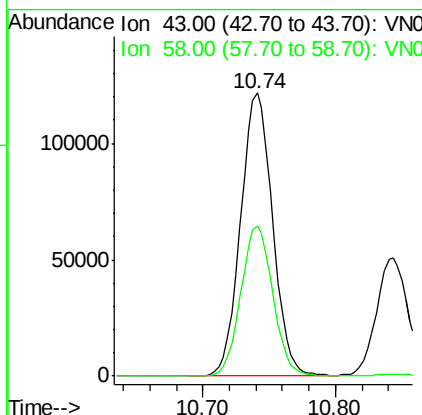
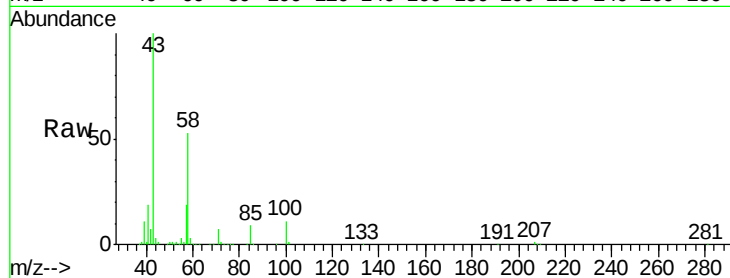




#59
2-Hexanone
Concen: 96.177 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

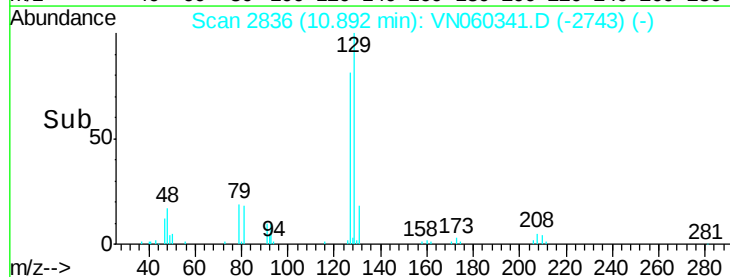
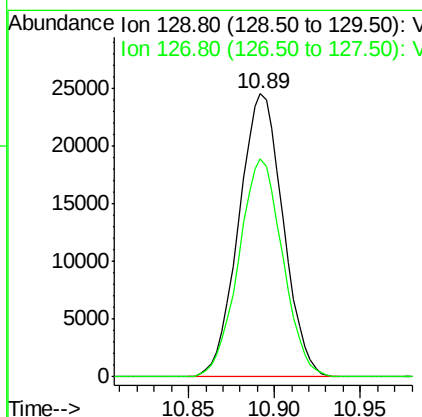
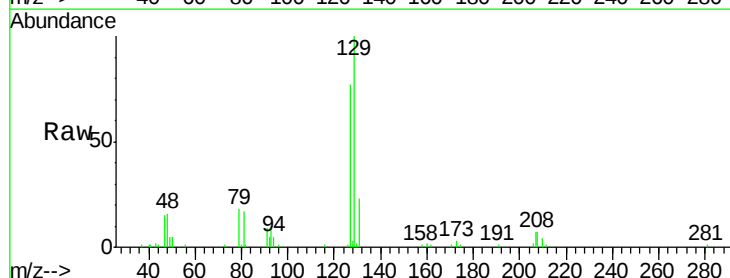
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

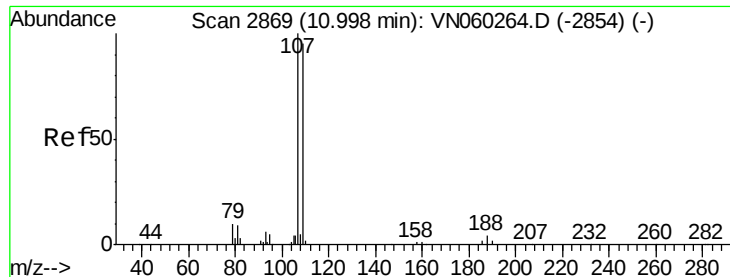
Tgt Ion: 43 Resp: 204135
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.5



#60
Dibromochloromethane
Concen: 19.033 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

Tgt Ion: 129 Resp: 43772
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7

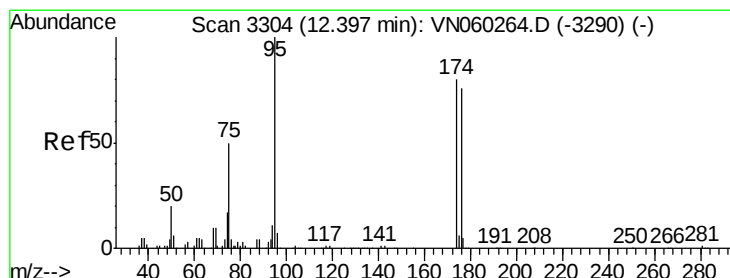
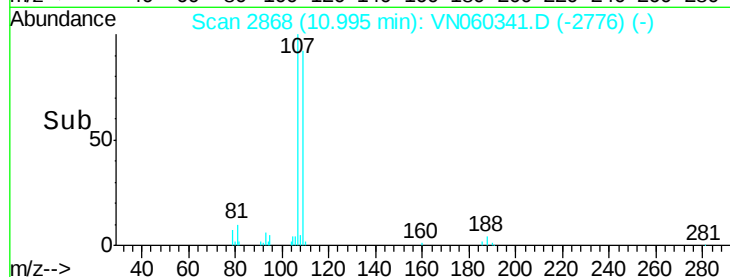
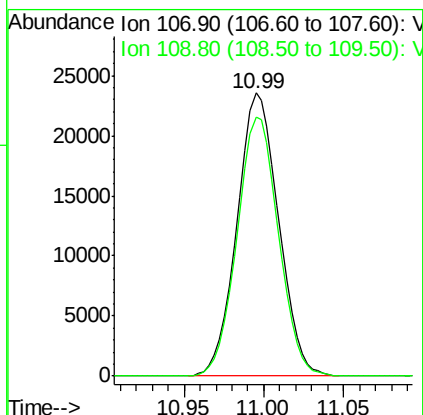
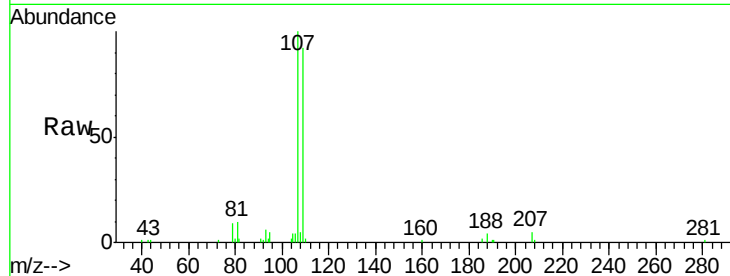




#61
 1,2-Dibromoethane
 Concen: 18.918 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

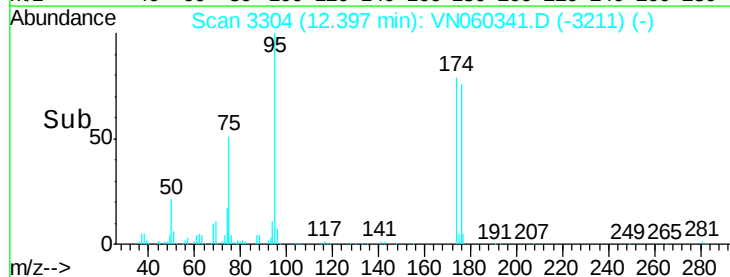
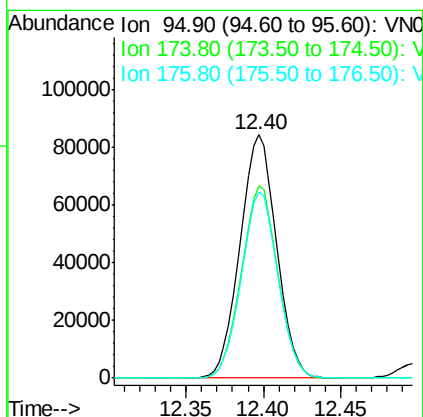
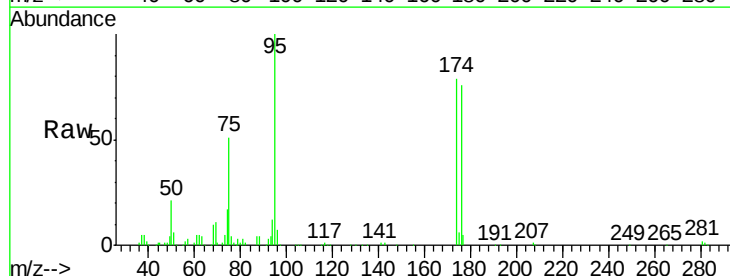
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

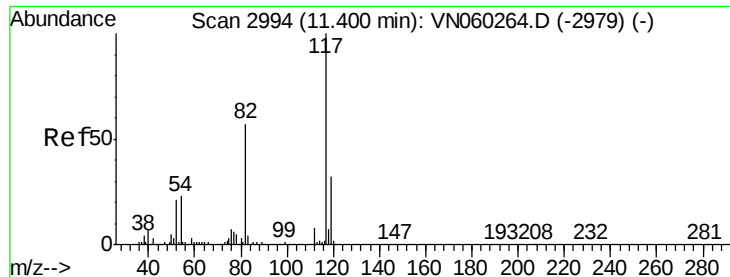
Tgt Ion: 107 Resp: 41705
 Ion Ratio Lower Upper
 107 100
 109 91.1 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 48.196 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion: 95 Resp: 138515
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 159.2
 176 76.6 0.0 153.8

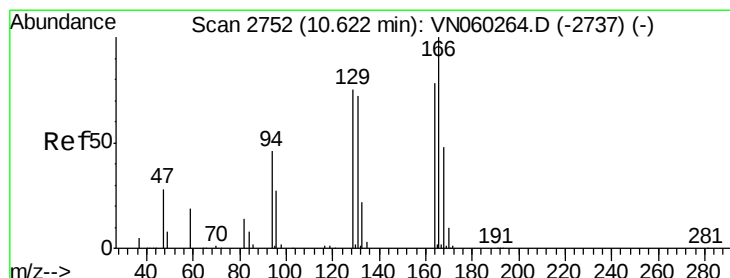
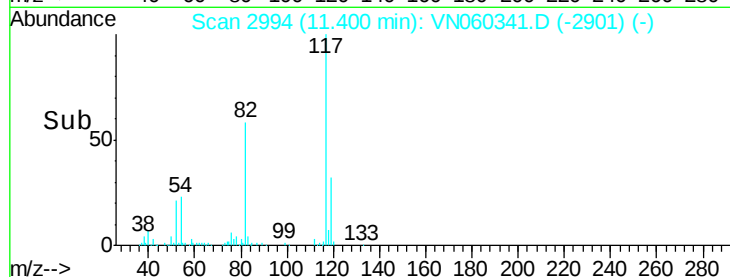
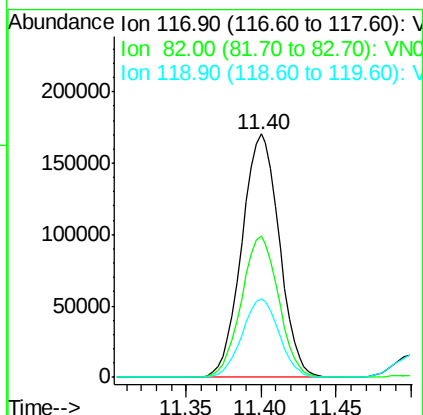
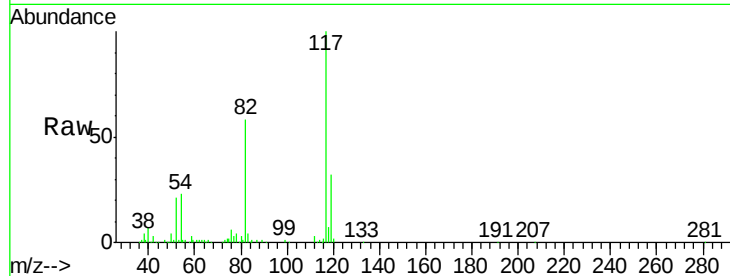




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

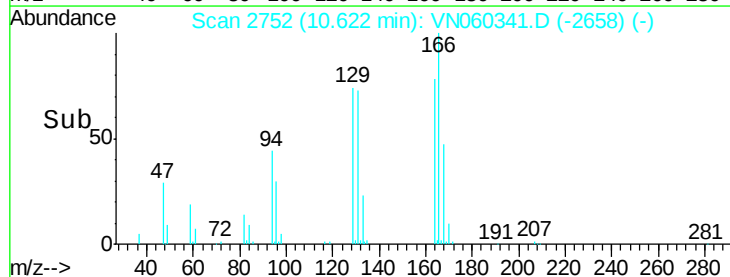
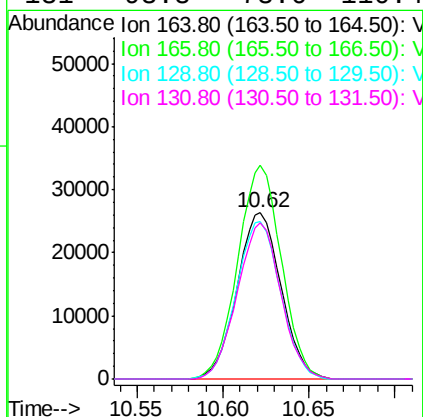
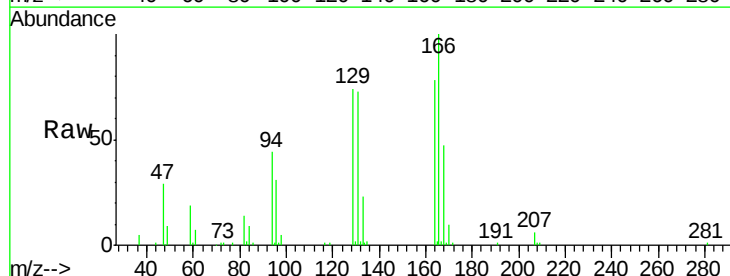
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

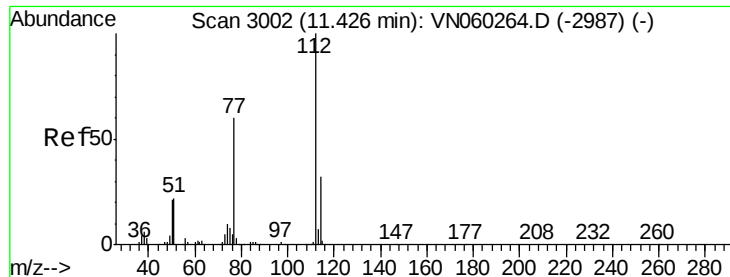
Tgt Ion:117 Resp: 297197
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.6
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 19.087 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

Tgt Ion:164 Resp: 46709
Ion Ratio Lower Upper
164 100
166 128.4 102.0 153.0
129 94.4 76.4 114.6
131 93.8 73.6 110.4





#65

Chlorobenzene

Concen: 17.727 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

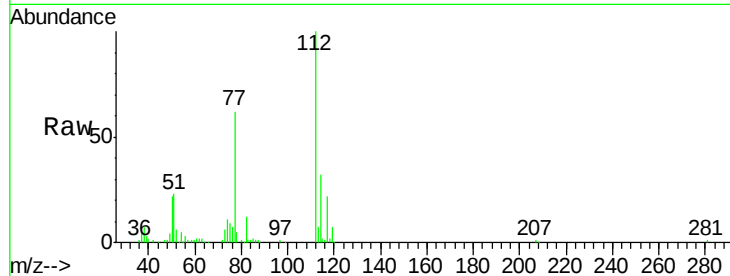
VN0304WBSD01

Tgt Ion:112 Resp: 106382

Ion Ratio Lower Upper

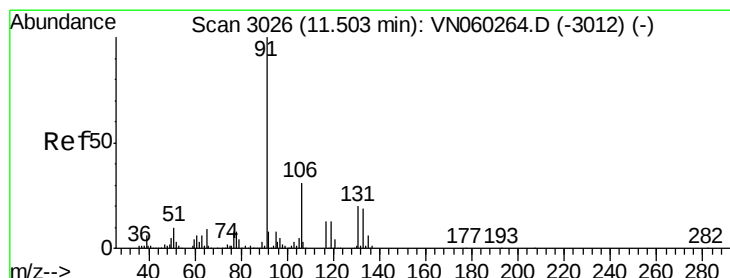
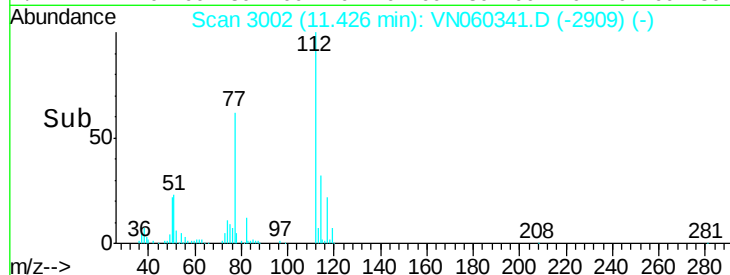
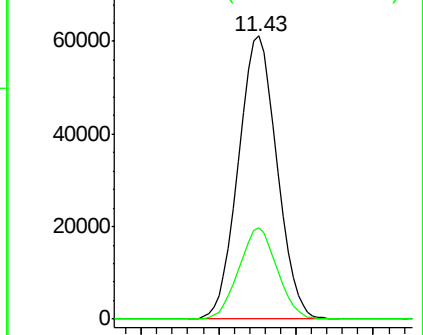
112 100

114 32.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.358 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

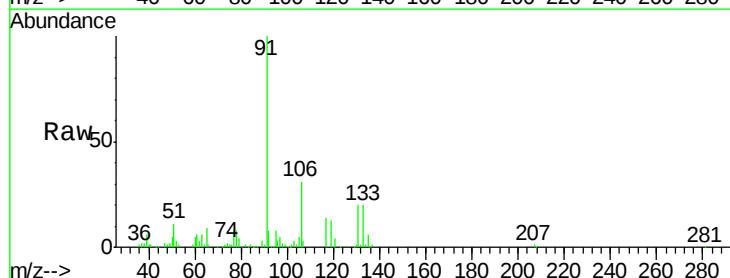
Tgt Ion:131 Resp: 40735

Ion Ratio Lower Upper

131 100

133 98.7 47.7 143.1

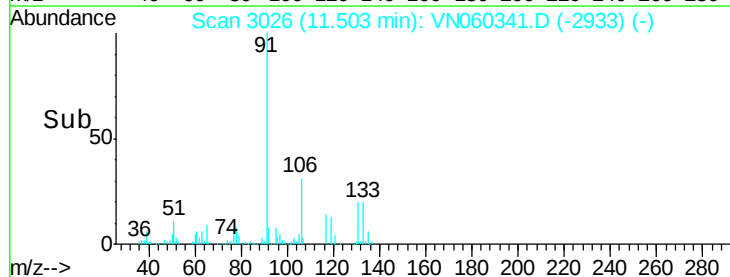
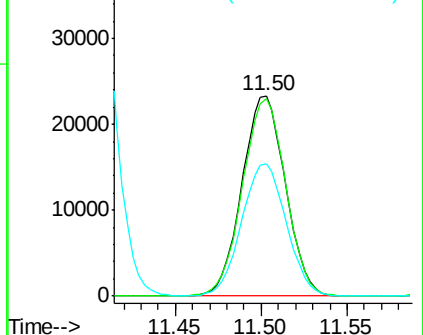
119 67.8 33.2 99.6

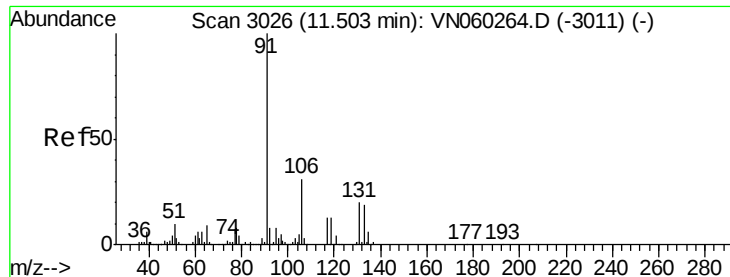


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

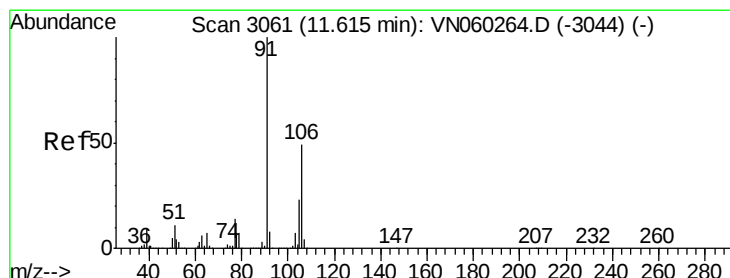
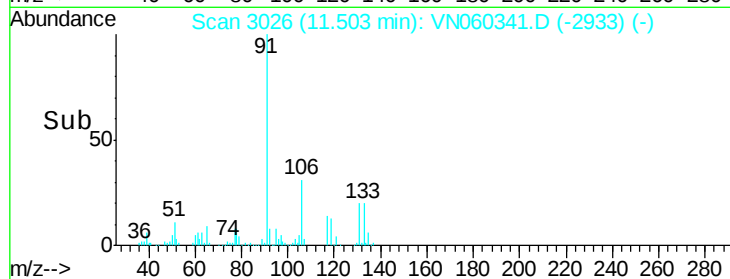
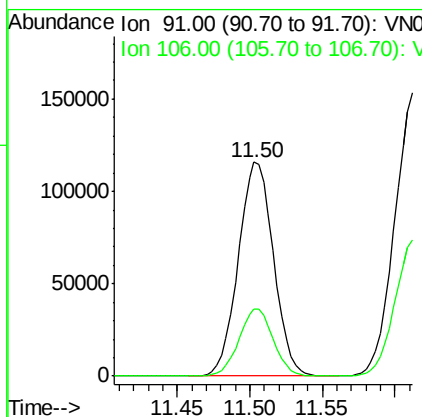
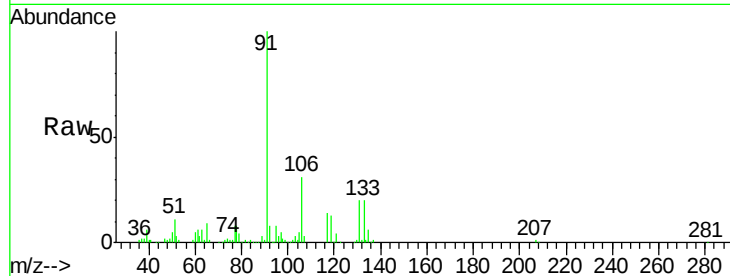




#67
Ethyl Benzene
Concen: 17.871 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

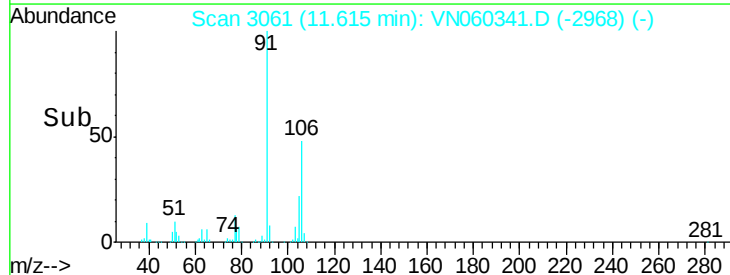
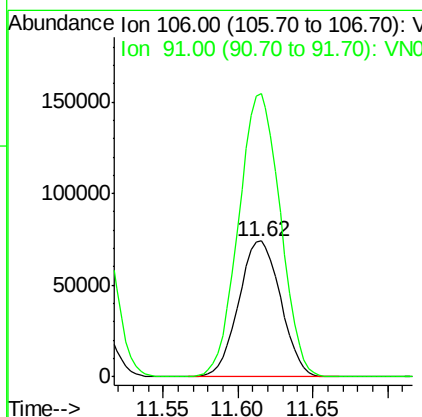
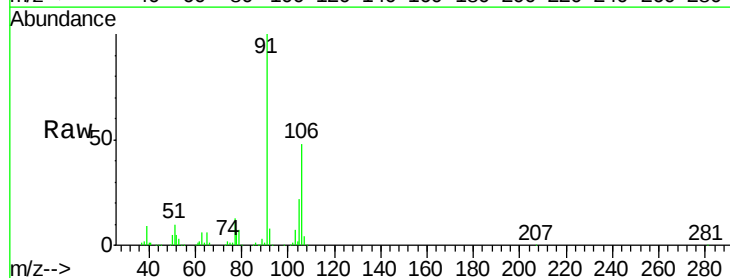
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

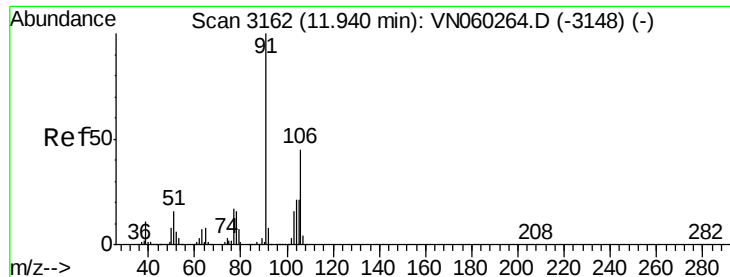
Tgt Ion: 91 Resp: 195307
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1



#68
m/p-Xylenes
Concen: 35.128 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

Tgt Ion: 106 Resp: 144842
Ion Ratio Lower Upper
106 100
91 207.3 164.5 246.7

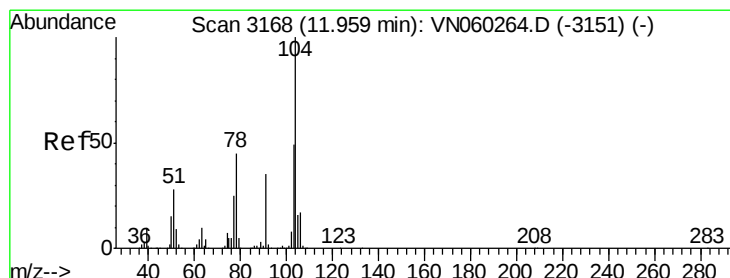
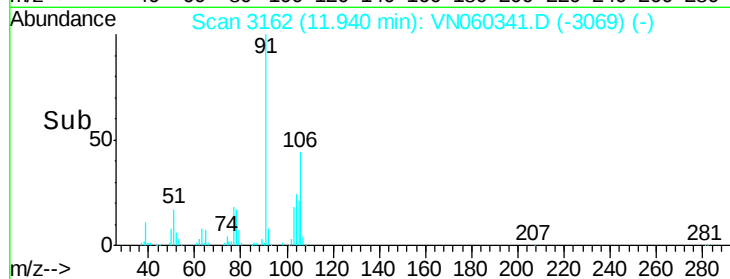
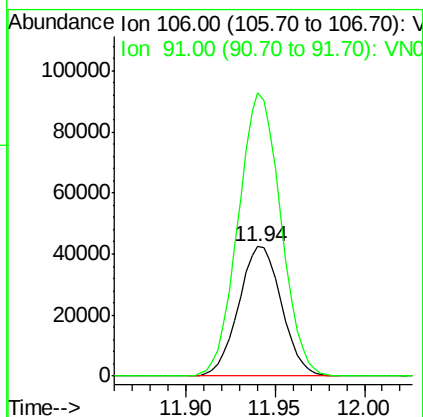
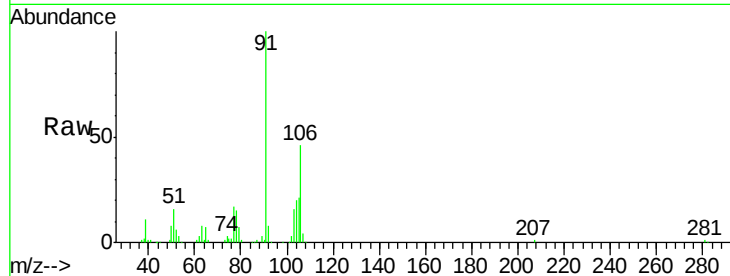




#69
o-Xylene
Concen: 18.079 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

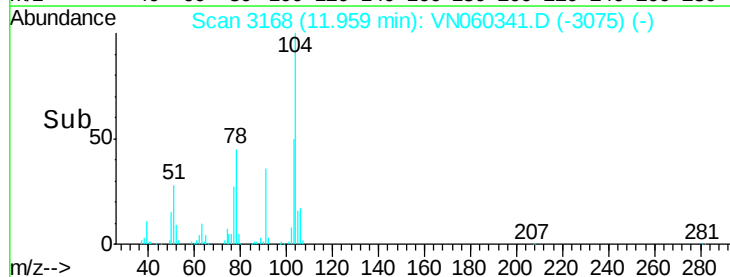
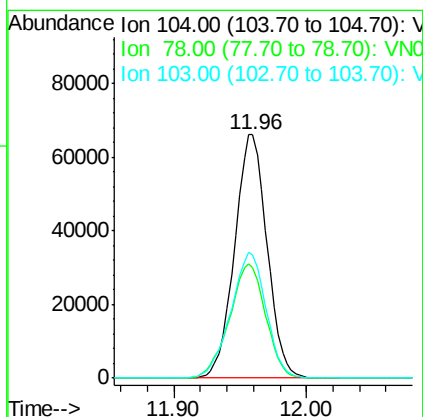
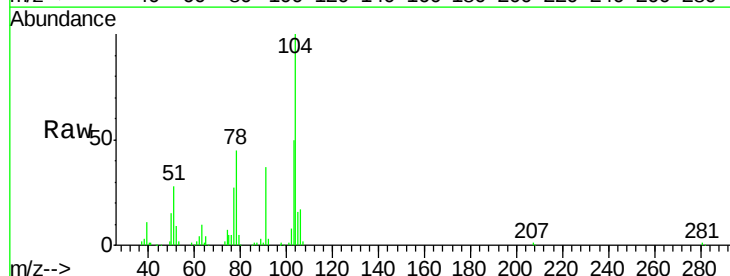
Instrument :
MSVOA_N
ClientSampled :
VN0304WBSD01

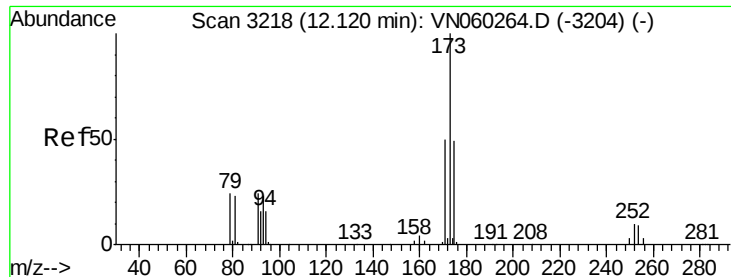
Tgt Ion:106 Resp: 71085
Ion Ratio Lower Upper
106 100
91 217.2 109.5 328.4



#70
Styrene
Concen: 17.389 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060341.D
Acq: 4 Mar 2020 12:04

Tgt Ion:104 Resp: 112414
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.9 43.9 65.9





#71

Bromoform

Concen: 18.757 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

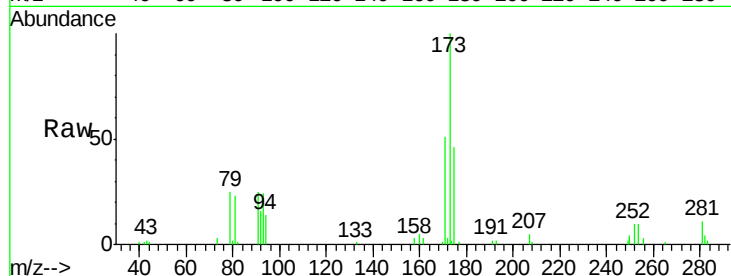
Tgt Ion:173 Resp: 29995

Ion Ratio Lower Upper

173 100

175 47.2 24.1 72.2

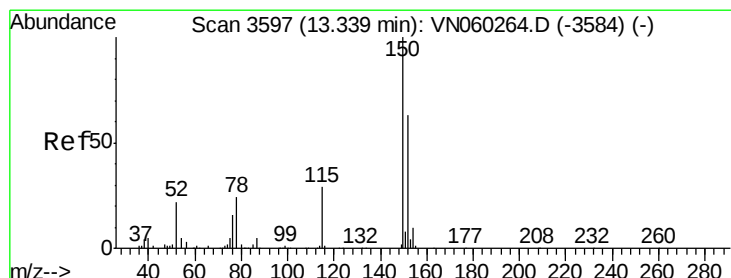
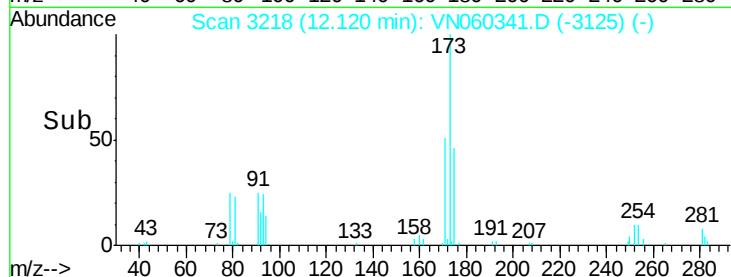
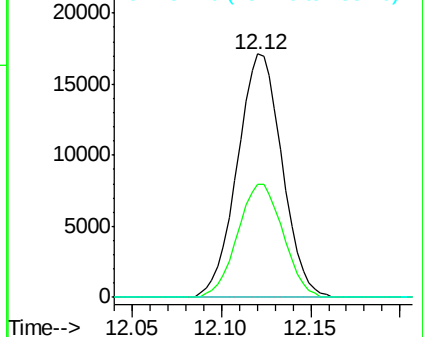
254 0.0 0.0 0.0



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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

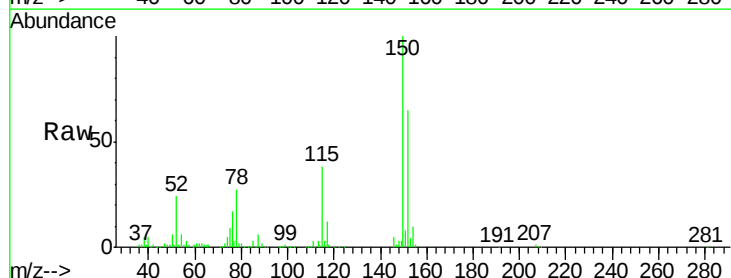
Tgt Ion:152 Resp: 143368

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

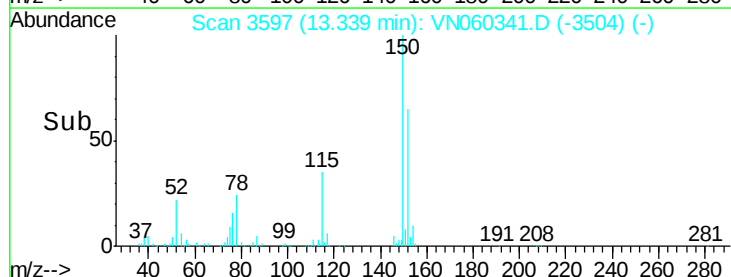
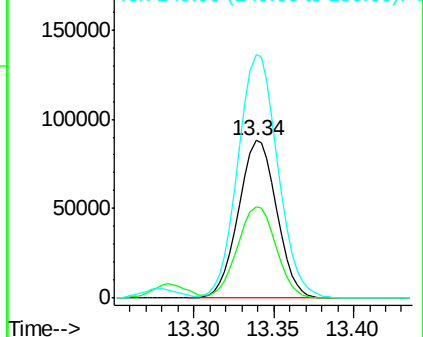
150 161.5 0.0 349.6

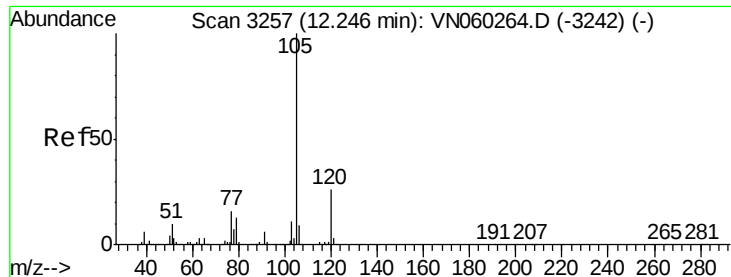


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.786 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

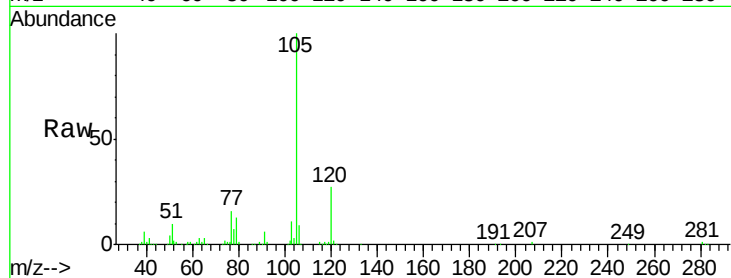
VN0304WBSD01

Tgt Ion: 105 Resp: 188995

Ion Ratio Lower Upper

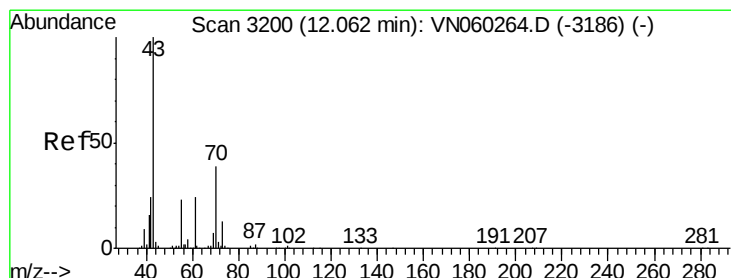
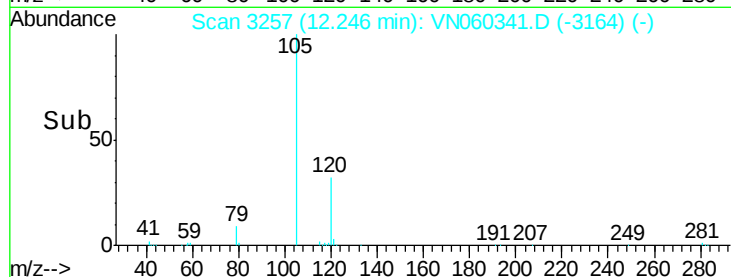
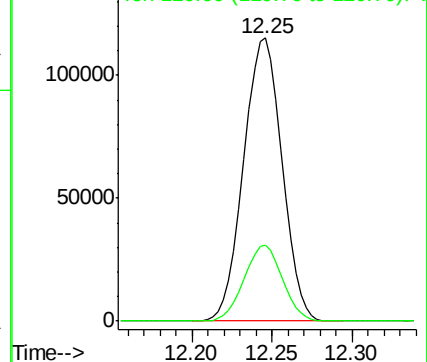
105 100

120 26.7 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.022 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Tgt Ion: 43 Resp: 83683

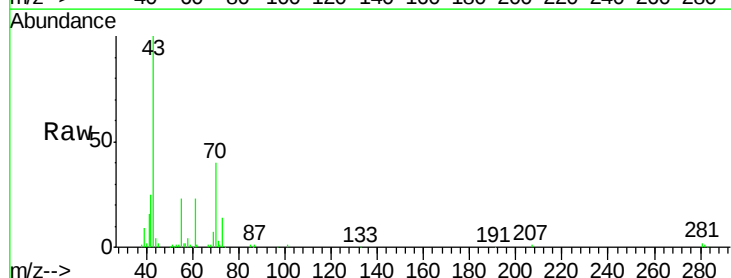
Ion Ratio Lower Upper

43 100

70 39.7 32.2 48.2

55 23.4 18.2 27.4

61 23.3 19.2 28.8

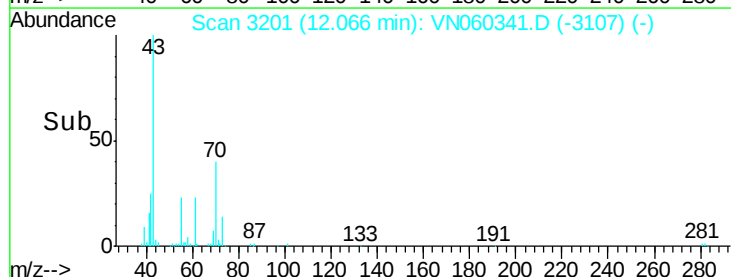
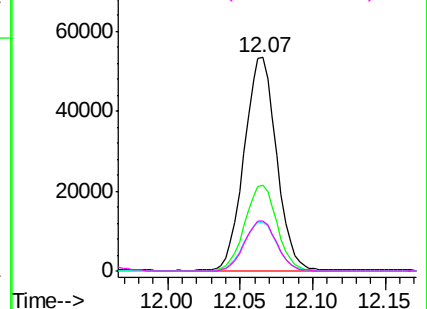


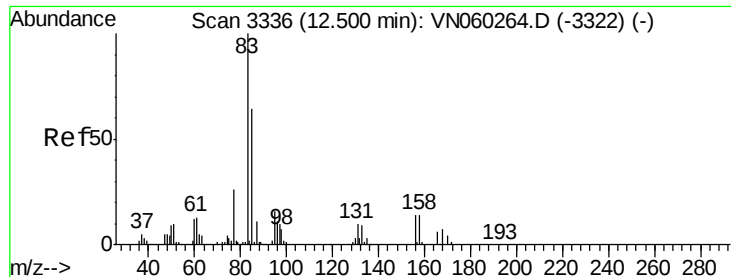
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.238 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

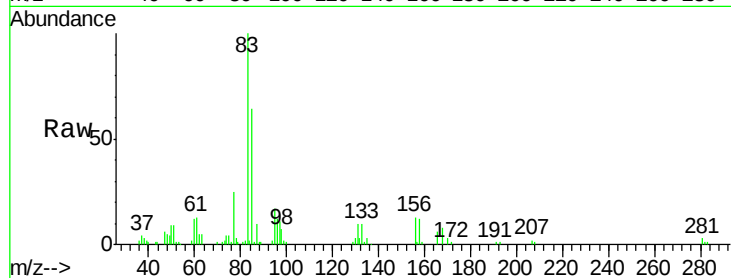
Tgt Ion: 83 Resp: 55569

Ion Ratio Lower Upper

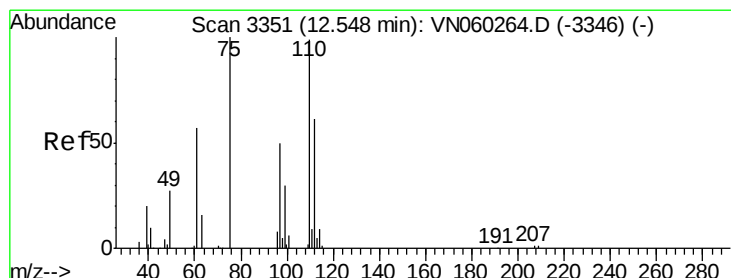
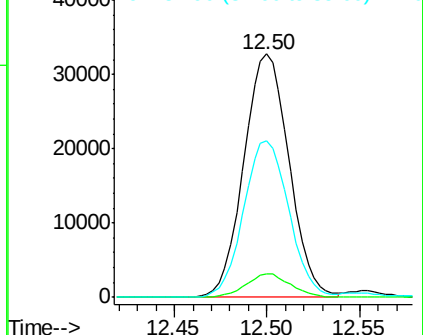
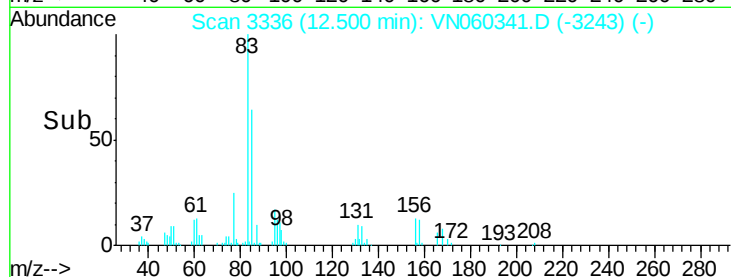
83 100

131 9.3 5.1 15.3

85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060341.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 24.842 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060341.D

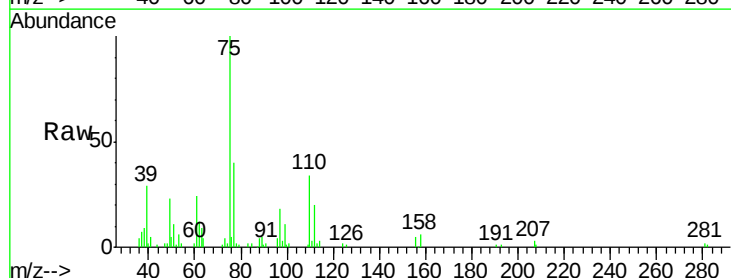
Acq: 4 Mar 2020 12:04

Tgt Ion: 75 Resp: 78141

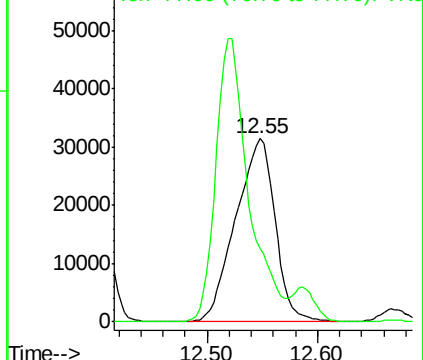
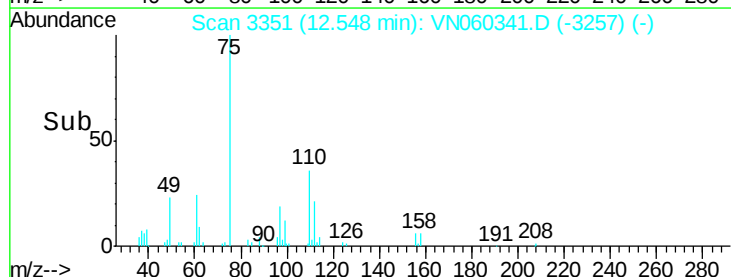
Ion Ratio Lower Upper

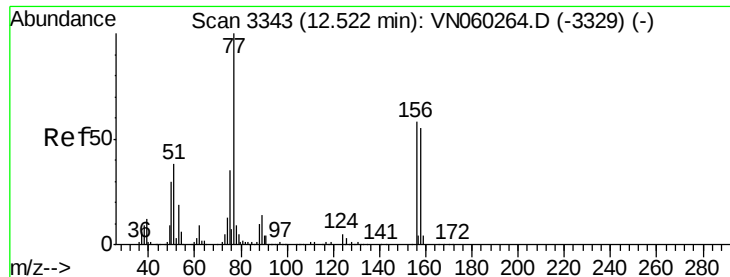
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060341.D (-3257) (-)





#77

Bromobenzene

Concen: 17.884 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

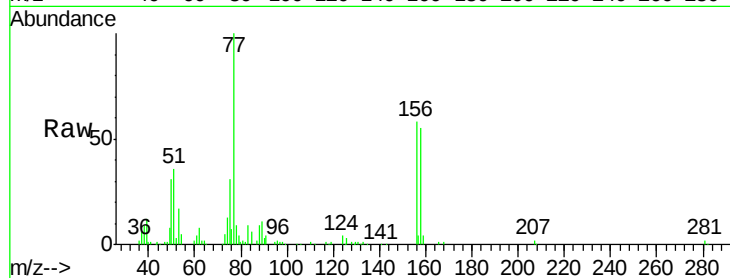
Tgt Ion:156 Resp: 46583

Ion Ratio Lower Upper

156 100

77 216.2 106.1 318.3

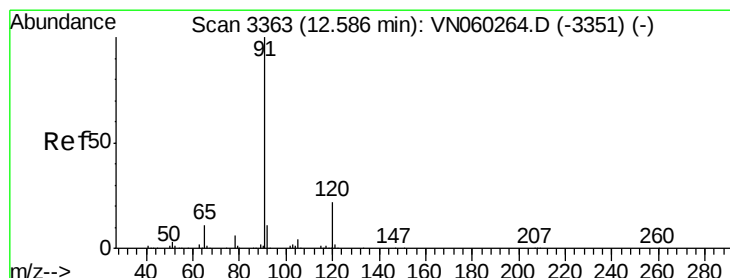
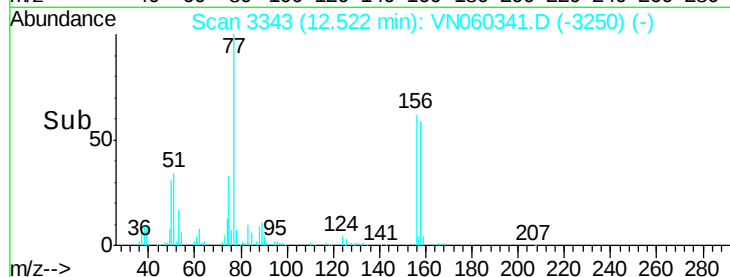
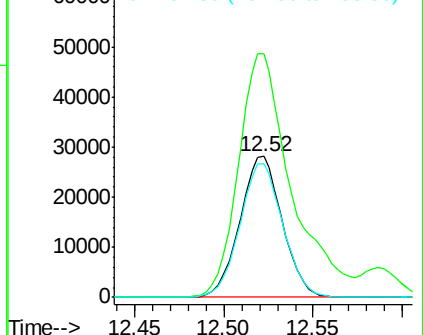
158 96.4 48.3 144.8



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: 17.871 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060341.D

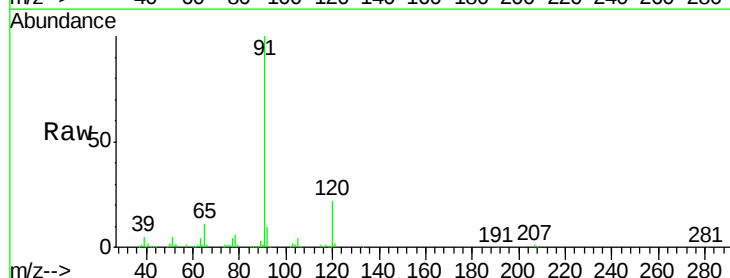
Acq: 4 Mar 2020 12:04

Tgt Ion: 91 Resp: 222606

Ion Ratio Lower Upper

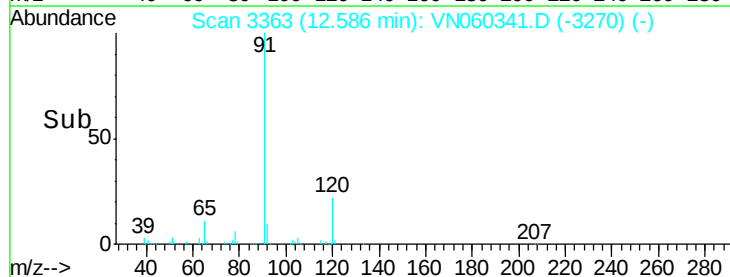
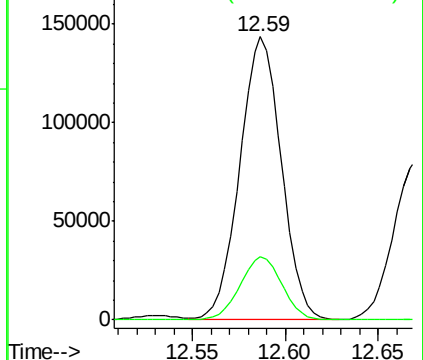
91 100

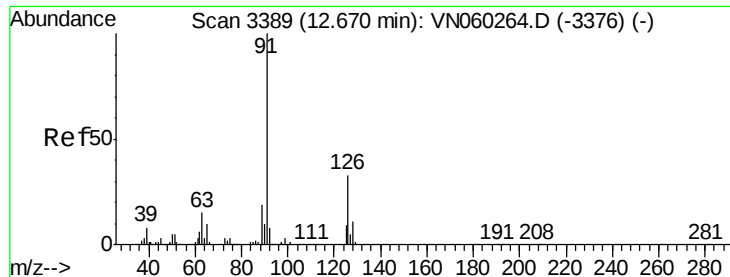
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.040 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

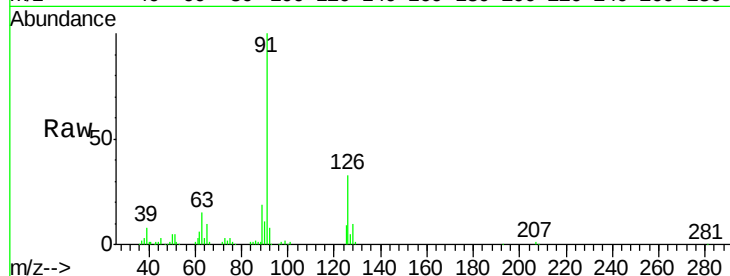
VN0304WBSD01

Tgt Ion: 91 Resp: 132086

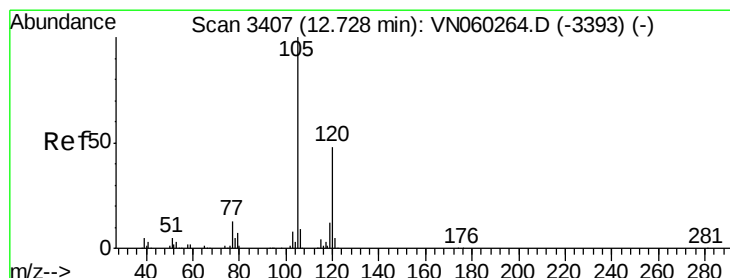
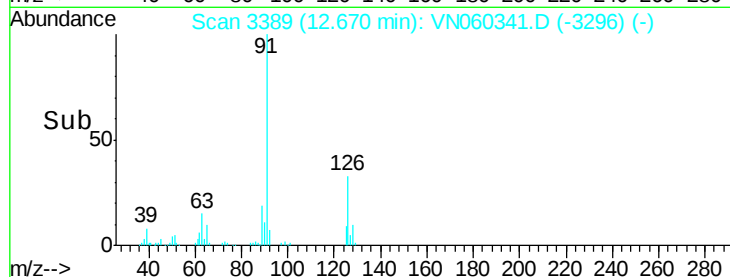
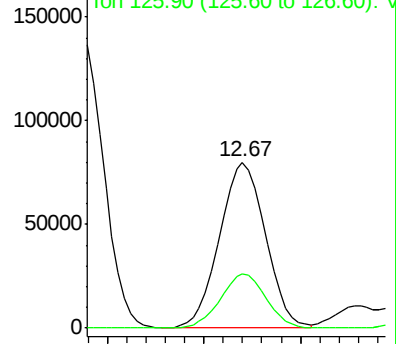
Ion Ratio Lower Upper

91 100

126 32.4 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060341.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.940 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060341.D

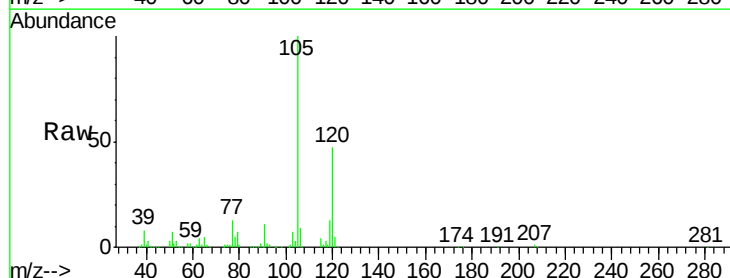
Acq: 4 Mar 2020 12:04

Tgt Ion: 105 Resp: 160503

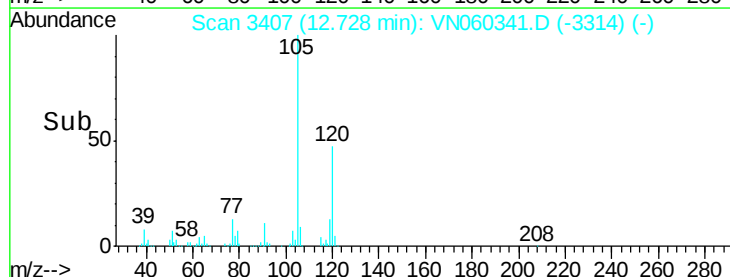
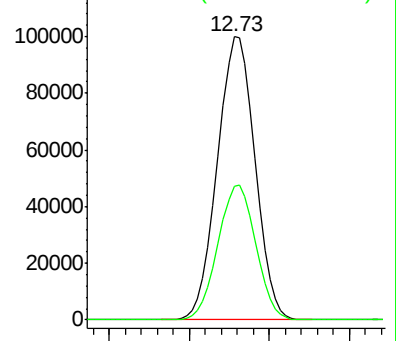
Ion Ratio Lower Upper

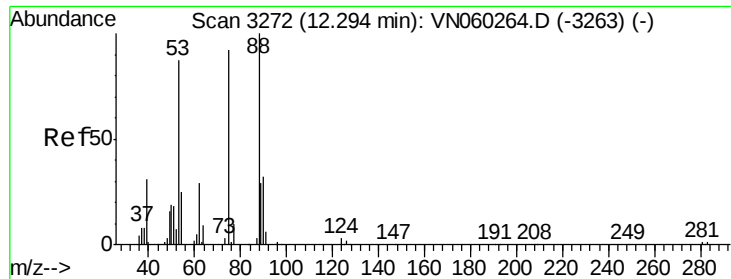
105 100

120 47.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060341.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.694 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

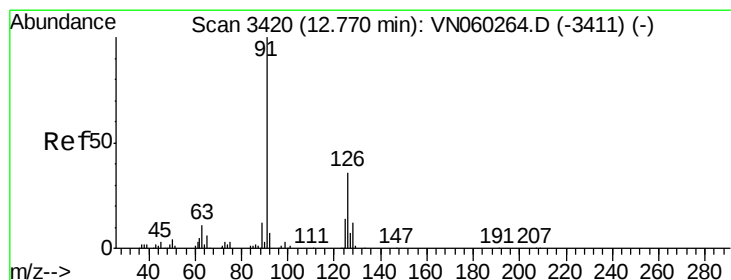
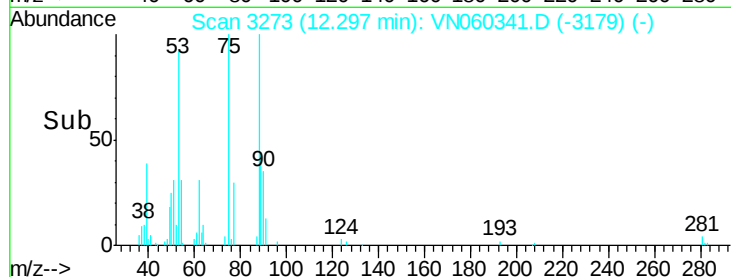
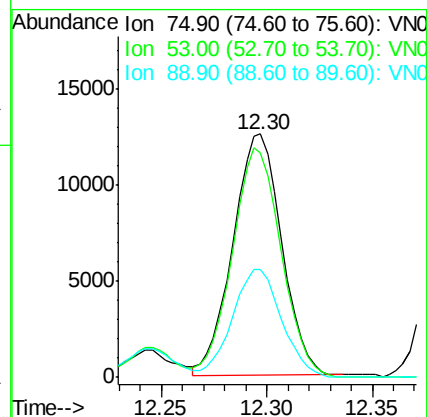
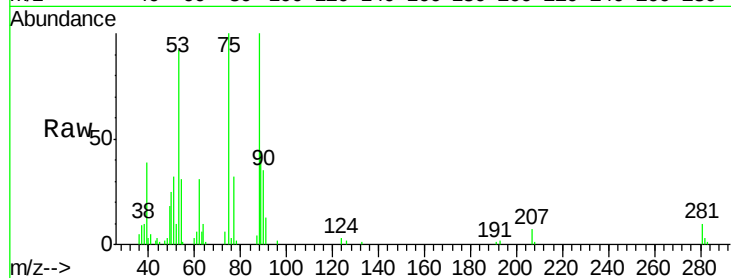
Tgt Ion: 75 Resp: 20162

Ion Ratio Lower Upper

75 100

53 96.2 73.8 110.6

89 45.5 57.1 85.7#



#82

4-Chlorotoluene

Concen: 17.576 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060341.D

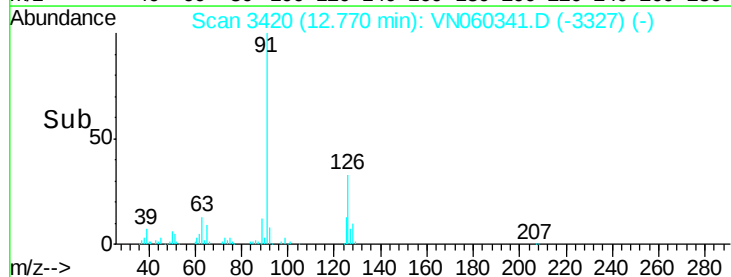
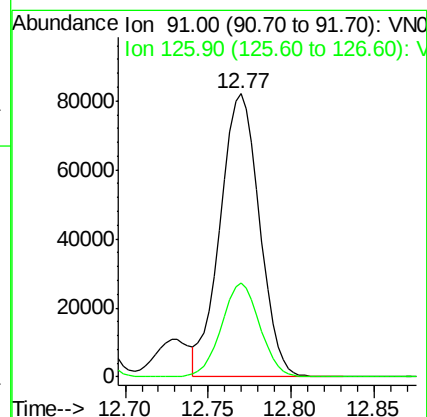
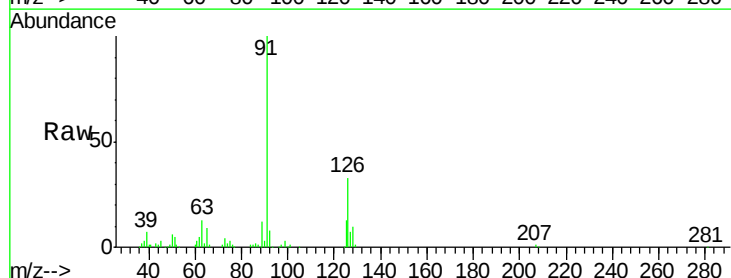
Acq: 4 Mar 2020 12:04

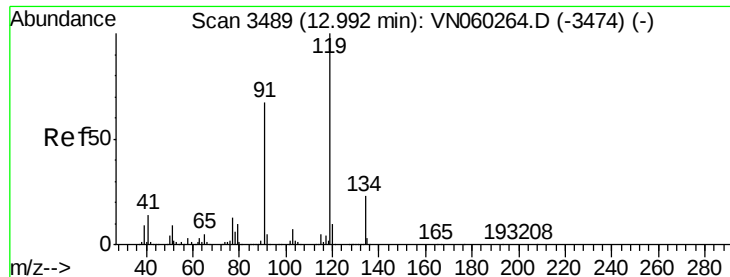
Tgt Ion: 91 Resp: 135583

Ion Ratio Lower Upper

91 100

126 32.3 16.7 50.1

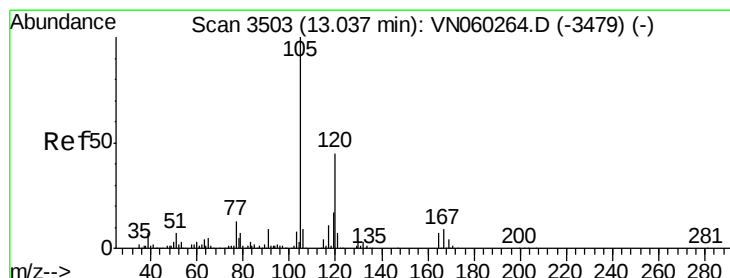
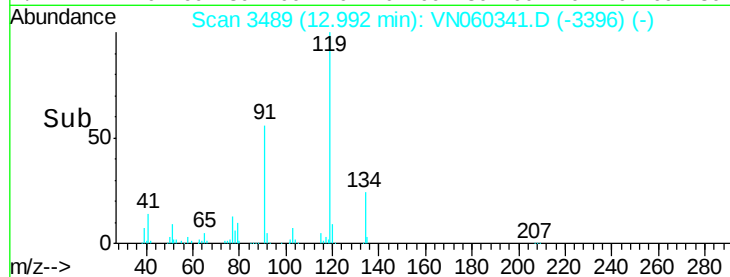
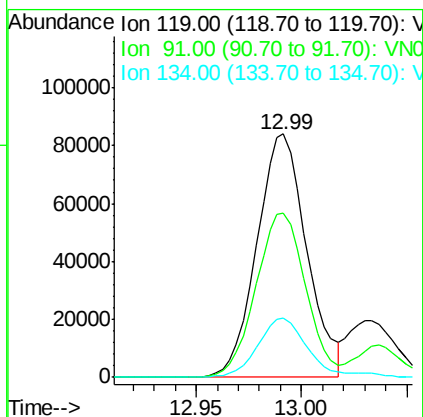
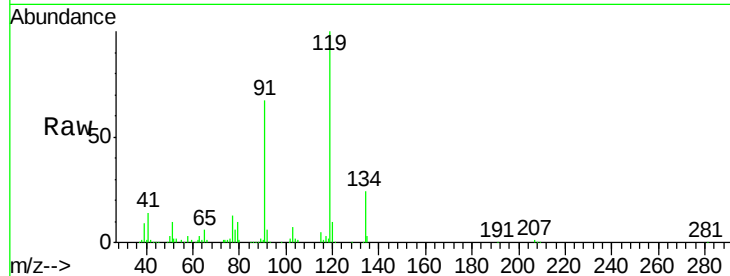




#83
 tert-Butylbenzene
 Concen: 17.837 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

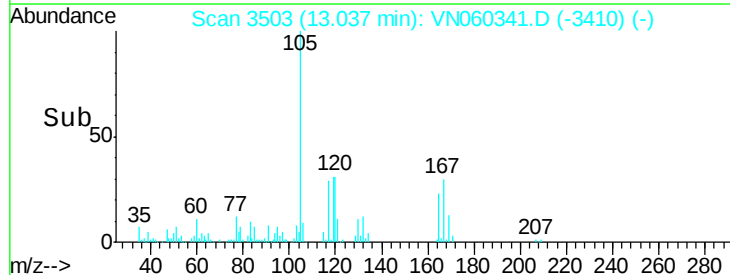
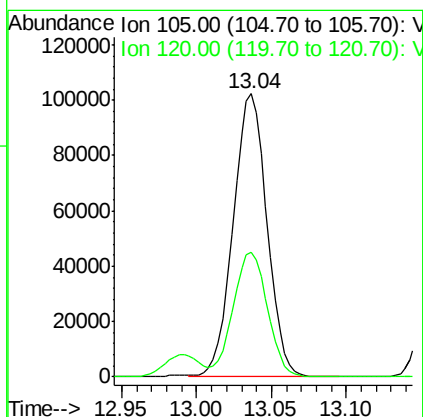
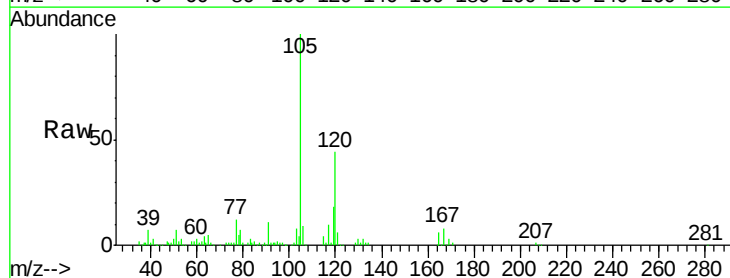
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

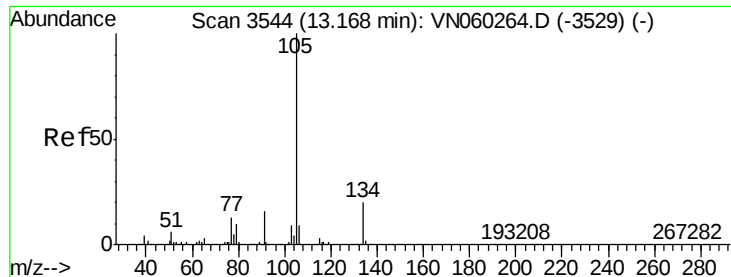
Tgt Ion:119 Resp: 138170
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.1 99.2
 134 23.6 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.806 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion:105 Resp: 160799
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.9

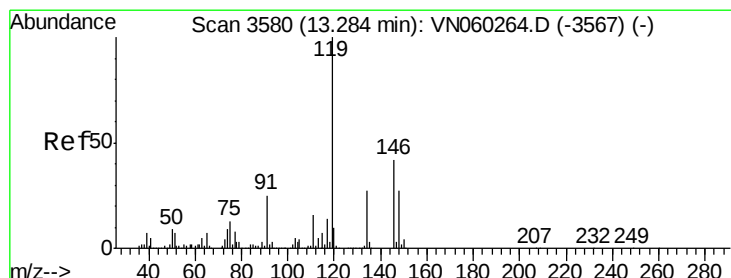
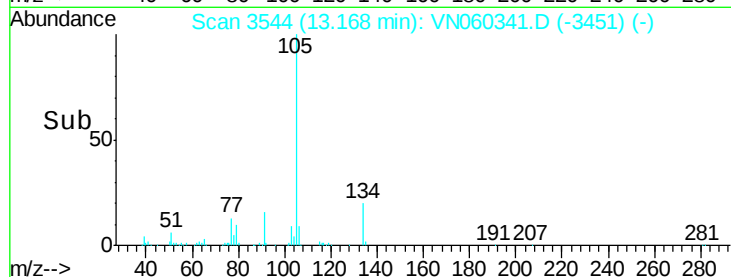
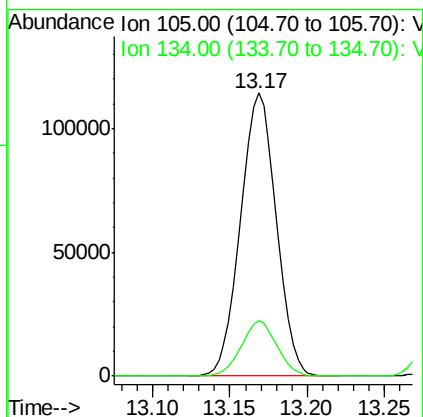
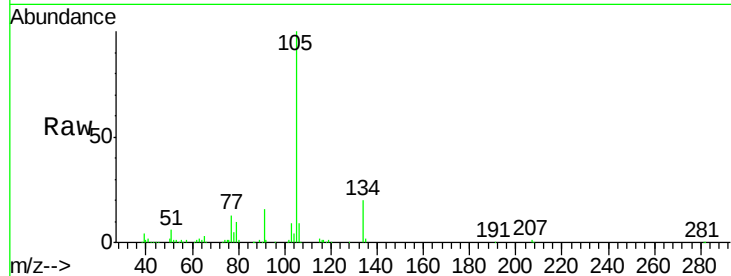




#85
 sec-Butylbenzene
 Concen: 17.752 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

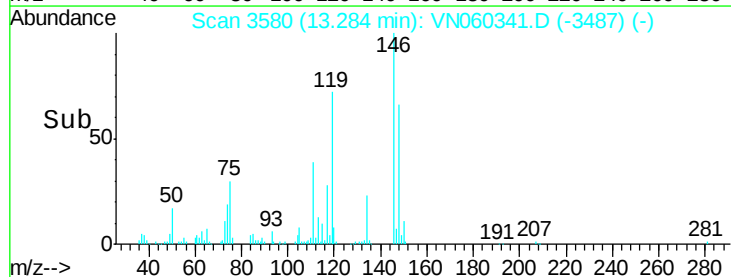
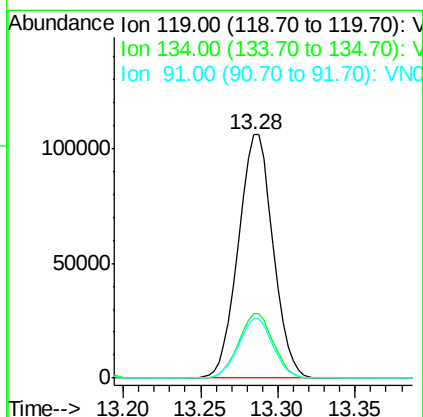
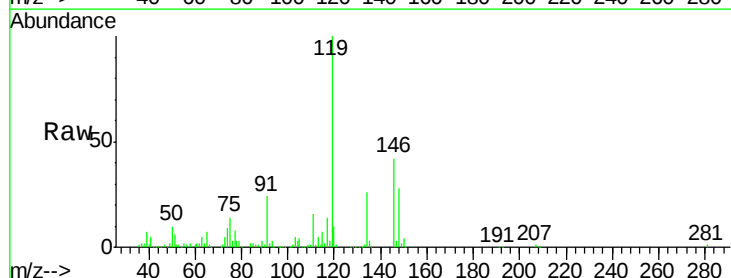
Instrument :
 MSVOA_N
 ClientSampled :
 VN0304WBSD01

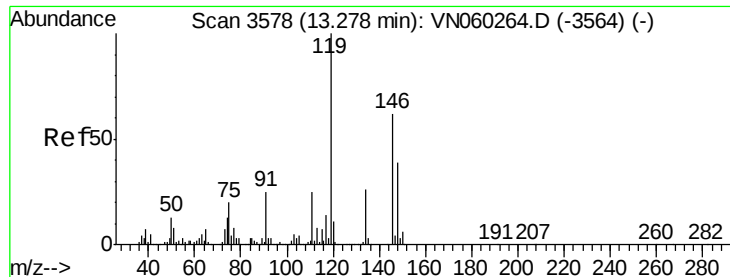
Tgt Ion:105 Resp: 184136
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 17.261 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion:119 Resp: 165718
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 24.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.106 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

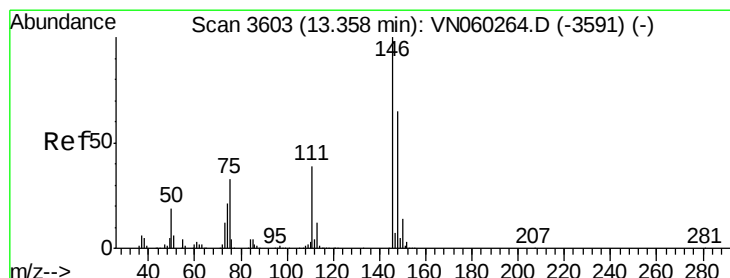
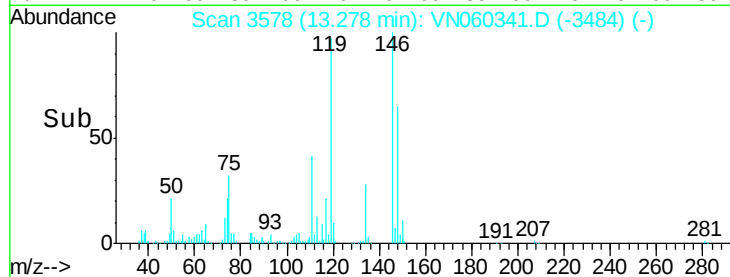
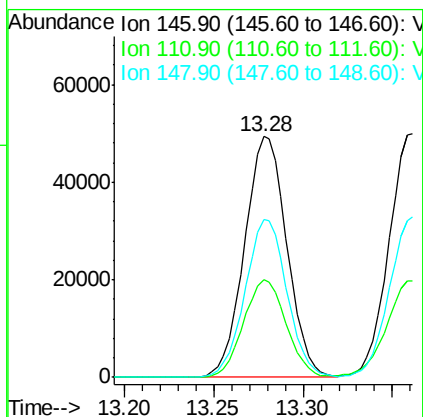
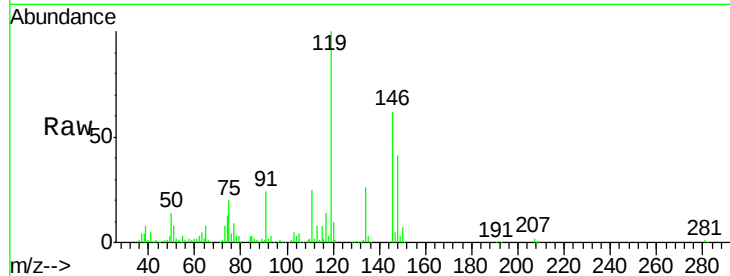
Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

Tgt Ion:146 Resp: 81583

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	65.0	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 18.137 ug/l

RT: 13.36 min Scan# 3604

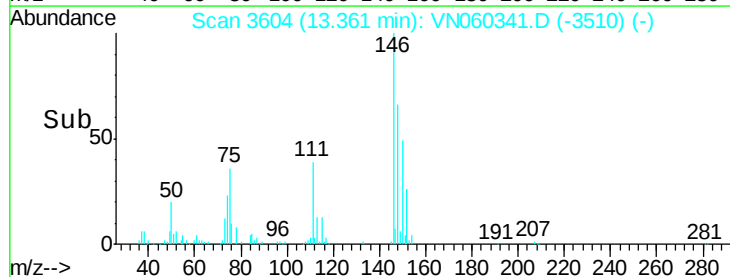
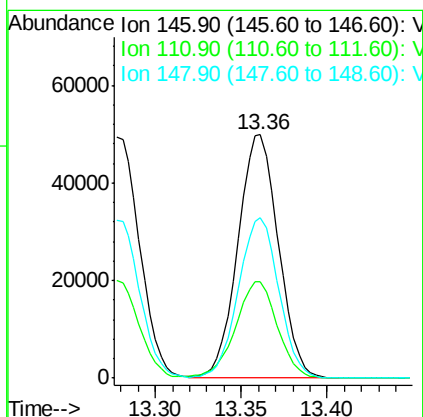
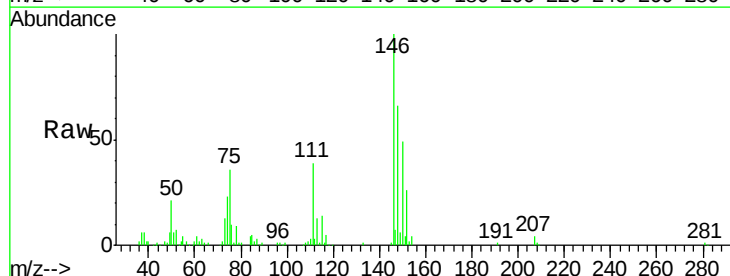
Delta R.T. 0.00 min

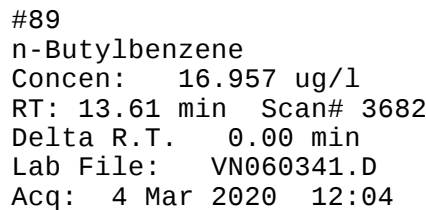
Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Tgt Ion:146 Resp: 81693

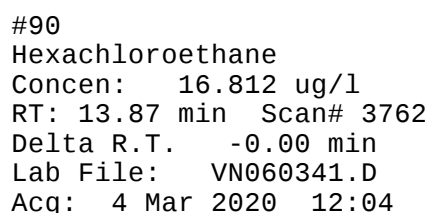
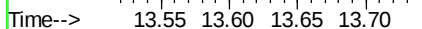
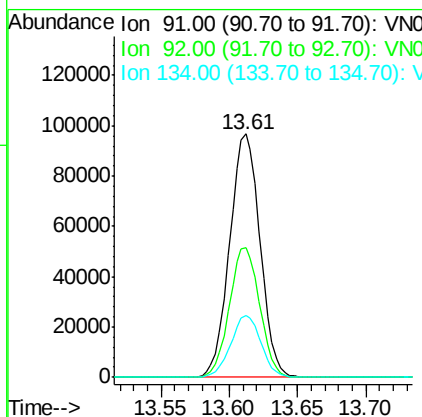
Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.8	59.4
148	65.6	32.3	96.9



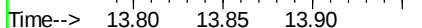
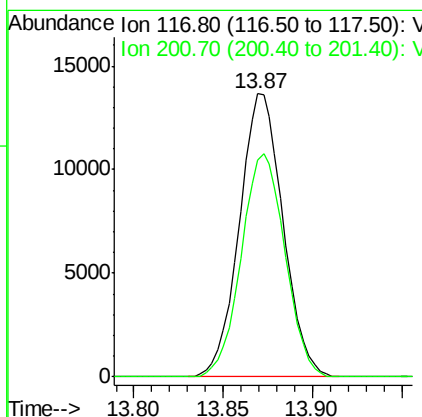


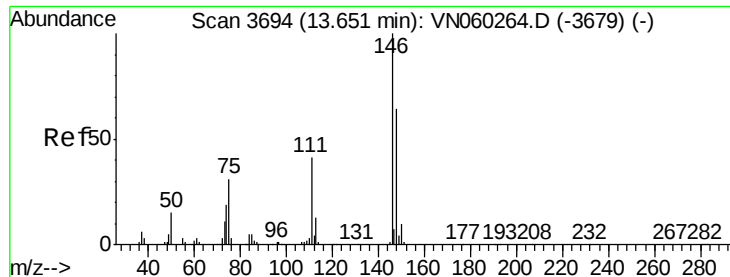
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

Tgt	Ion: 91	Resp:	149449
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.0	78.0
134	25.3	12.7	38.1



Tgt	Ion:117	Resp:	23363
Ion	Ratio	Lower	Upper
117	100		
201	78.8	41.0	123.0





#91

1,2-Dichlorobenzene

Concen: 17.585 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

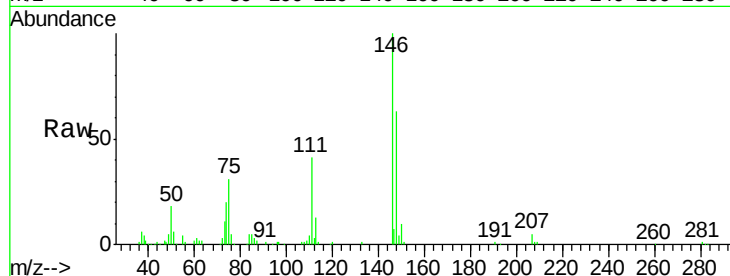
Tgt Ion:146 Resp: 80264

Ion Ratio Lower Upper

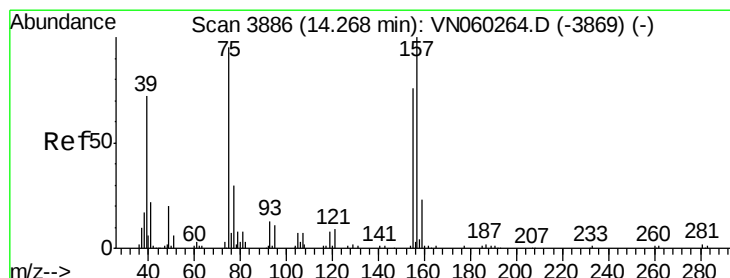
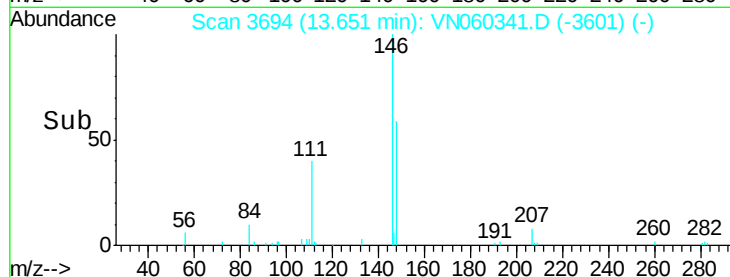
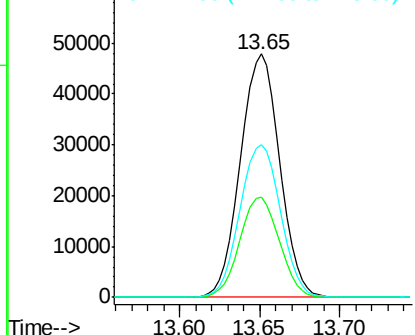
146 100

111 41.4 20.3 61.0

148 64.6 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.404 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

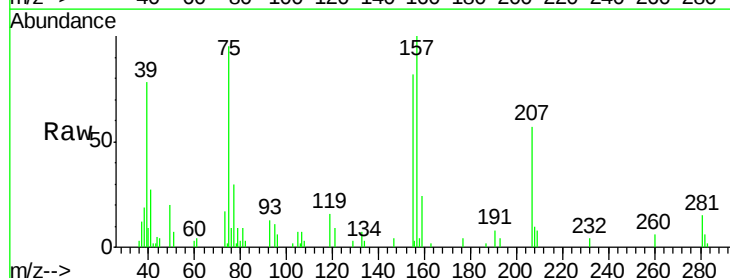
Tgt Ion: 75 Resp: 12038

Ion Ratio Lower Upper

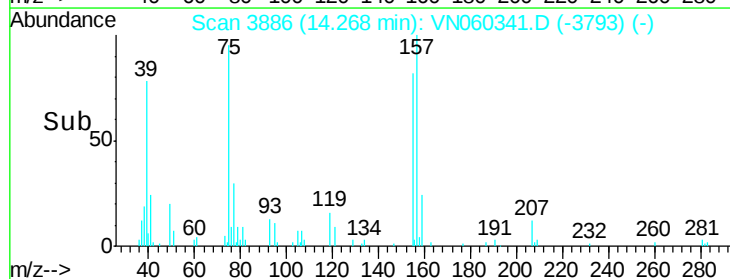
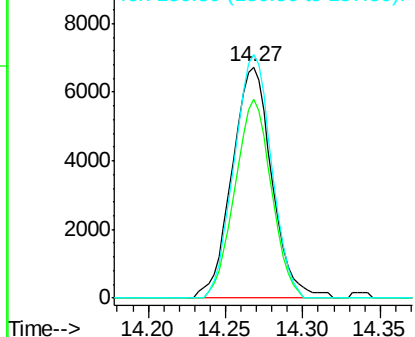
75 100

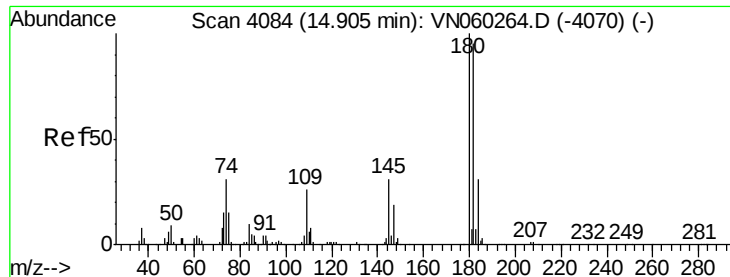
155 78.5 40.4 121.2

157 98.5 52.5 157.5



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

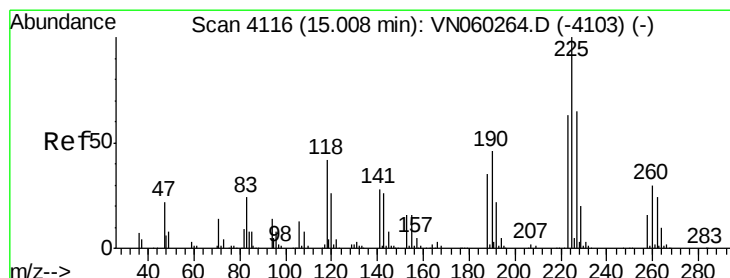
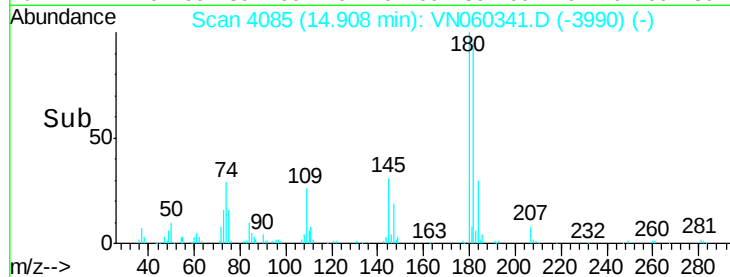
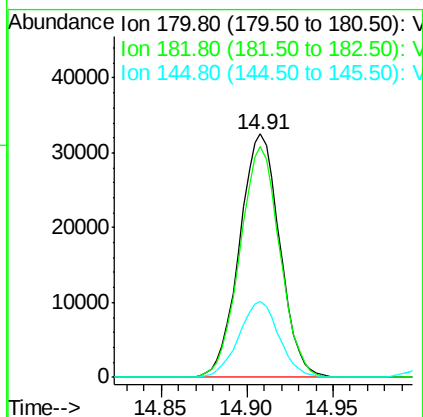
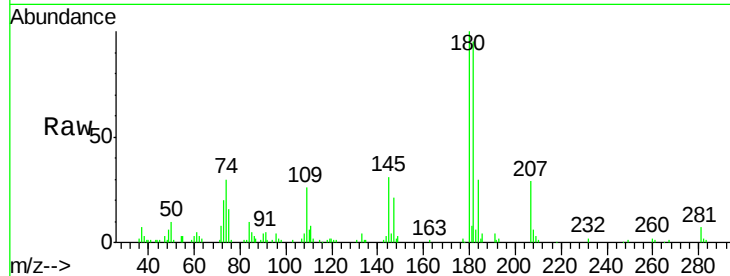




#93
 1,2,4-Trichlorobenzene
 Concen: 18.267 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

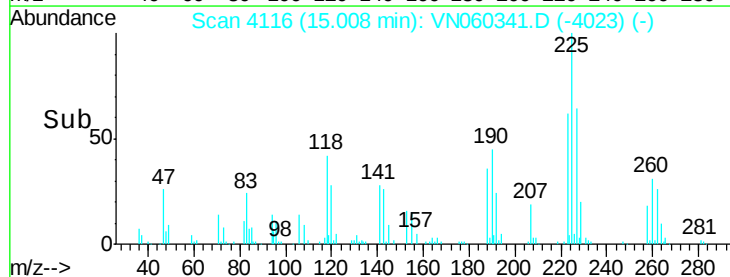
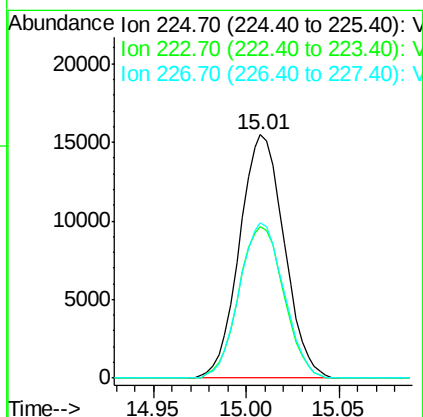
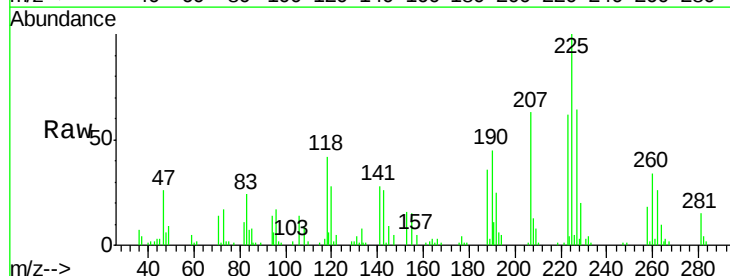
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

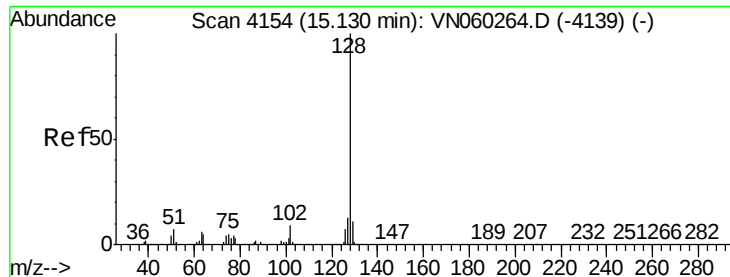
Tgt Ion:180 Resp: 52815
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.8 143.3
 145 31.0 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 19.045 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060341.D
 Acq: 4 Mar 2020 12:04

Tgt Ion:225 Resp: 25862
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.9
 227 63.4 32.3 96.9





#95

Naphthalene

Concen: 17.848 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

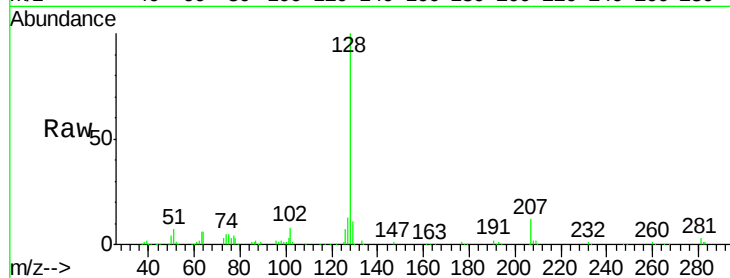
Tgt Ion:128 Resp: 153957

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

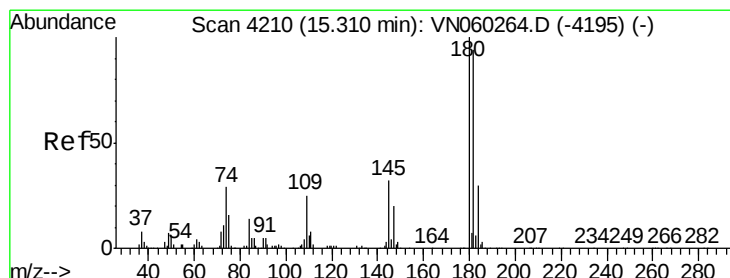
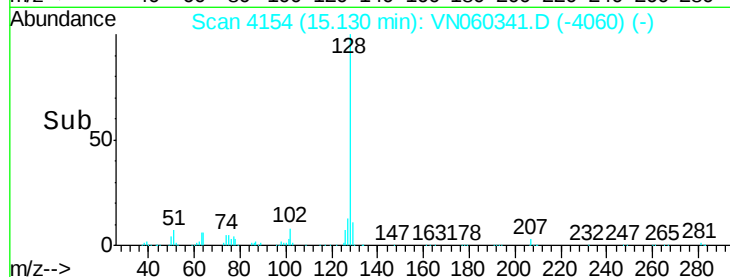
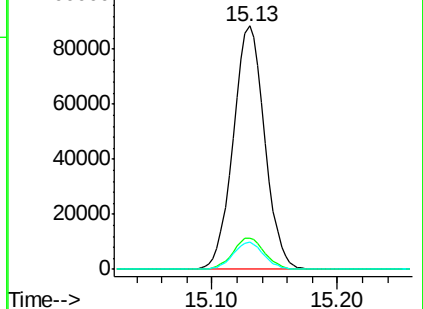
129 10.8 8.6 13.0



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: 18.271 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060341.D

Acq: 4 Mar 2020 12:04

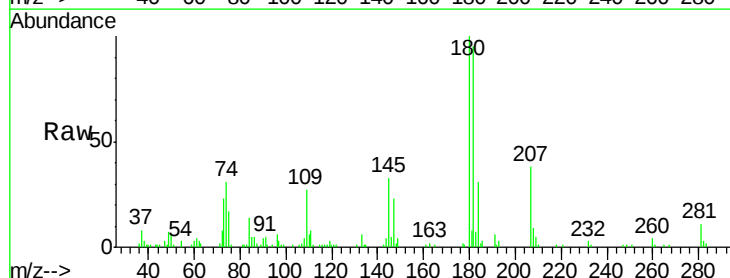
Tgt Ion:180 Resp: 50219

Ion Ratio Lower Upper

180 100

182 95.4 47.3 142.0

145 33.1 16.2 48.5



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

