

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060843.D
 Acq On : 6 Apr 2020 12:11
 Operator : JC/MD
 Sample : VN0406WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBSD01

Quant Time: Apr 07 07:02:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	314280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133429	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130202	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.56	113	96725	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.08	98	379934	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	136669	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	31606	16.896	ug/l 98
3) Chloromethane	2.04	50	55604	15.916	ug/l 99
4) Vinyl Chloride	2.17	62	44176	16.166	ug/l 99
5) Bromomethane	2.55	94	23035	19.527	ug/l 99
6) Chloroethane	2.69	64	28310	17.985	ug/l 100
7) Trichlorofluoromethane	3.00	101	60737	18.043	ug/l 99
8) Diethyl Ether	3.38	74	26432	19.546	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37541	19.247	ug/l 99
10) Methyl Iodide	3.93	142	31441	18.115	ug/l 99
11) Tert butyl alcohol	4.72	59	34547	88.511	ug/l 98
12) 1,1-Dichloroethene	3.72	96	36591	17.481	ug/l 97
13) Acrolein	3.58	56	31174	72.065	ug/l 100
14) Allyl chloride	4.29	41	69273	18.817	ug/l 96
15) Acrylonitrile	4.94	53	110524	96.296	ug/l 100
16) Acetone	3.78	43	97003	103.185	ug/l 98
17) Carbon Disulfide	4.03	76	103989	16.335	ug/l 99
18) Methyl Acetate	4.28	43	53990	20.404	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	138774	19.284	ug/l 97
20) Methylene Chloride	4.52	84	43428	18.779	ug/l 97
21) trans-1,2-Dichloroethene	5.00	96	40131	17.989	ug/l 94
22) Diisopropyl ether	5.91	45	155563	20.001	ug/l 98
23) Vinyl Acetate	5.86	43	626916	98.791	ug/l 99
24) 1,1-Dichloroethane	5.82	63	80652	19.022	ug/l 100
25) 2-Butanone	6.80	43	145865	95.887	ug/l 100
26) 2,2-Dichloropropane	6.79	77	68025	20.391	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	47422	18.706	ug/l 98
28) Bromochloromethane	7.17	49	40719	20.073	ug/l 99
29) Tetrahydrofuran	7.18	42	100119	93.019	ug/l 98
30) Chloroform	7.34	83	76407	18.798	ug/l 98
31) Cyclohexane	7.63	56	75348	17.627	ug/l 97
32) 1,1,1-Trichloroethane	7.54	97	64837	18.503	ug/l 99
36) 1,1-Dichloropropene	7.77	75	57953	19.043	ug/l 99
37) Ethyl Acetate	6.89	43	62782	19.093	ug/l 98
38) Carbon Tetrachloride	7.75	117	49790	18.255	ug/l 99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	68659	18.985	ug/l	96
40) Benzene	8.02	78	174421	18.986	ug/l	98
41) Methacrylonitrile	7.18	41	90351	64.383	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	62403	19.876	ug/l	99
43) Isopropyl Acetate	8.14	43	107110	19.751	ug/l	99
44) Trichloroethene	8.82	130	44873	19.376	ug/l	97
45) 1,2-Dichloropropane	9.10	63	48748	20.110	ug/l	98
46) Dibromomethane	9.19	93	29488	20.122	ug/l	100
47) Bromodichloromethane	9.38	83	58731	19.286	ug/l	98
48) Methyl methacrylate	9.18	41	46508	19.262	ug/l	98
49) 1,4-Dioxane	9.18	88	11435	398.451	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	307280	99.575	ug/l	100
52) Toluene	10.14	92	106691	19.230	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	69934	19.992	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	75313	19.625	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	43077	20.182	ug/l	100
56) Ethyl methacrylate	10.42	69	65138	19.572	ug/l	98
57) 1,3-Dichloropropane	10.70	76	74474	20.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	144799	87.539	ug/l	99
59) 2-Hexanone	10.74	43	217746	97.954	ug/l	99
60) Dibromochloromethane	10.89	129	43181	19.585	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42231	19.676	ug/l	99
64) Tetrachloroethene	10.62	164	43276	19.195	ug/l	98
65) Chlorobenzene	11.43	112	109210	19.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40061	19.481	ug/l	98
67) Ethyl Benzene	11.50	91	204955	19.404	ug/l	99
68) m/p-Xylenes	11.62	106	151116	38.501	ug/l	100
69) o-Xylene	11.94	106	72715	19.407	ug/l	99
70) Styrene	11.96	104	114876	18.746	ug/l	100
71) Bromoform	12.12	173	29398	18.303	ug/l #	98
73) Isopropylbenzene	12.24	105	194113	19.386	ug/l	100
74) N-amyl acetate	12.06	43	88948	19.224	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59377	19.609	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	80223	27.864	ug/l #	100
77) Bromobenzene	12.52	156	46144	19.124	ug/l	99
78) n-propylbenzene	12.59	91	227979	19.271	ug/l	99
79) 2-Chlorotoluene	12.67	91	134956	19.093	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	164437	19.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	20904	18.647	ug/l	98
82) 4-Chlorotoluene	12.77	91	137840	19.147	ug/l	100
83) tert-Butylbenzene	12.99	119	139634	19.823	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	163950	19.502	ug/l	99
85) sec-Butylbenzene	13.17	105	188919	19.944	ug/l	99
86) p-Isopropyltoluene	13.28	119	168919	19.831	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	82091	19.290	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	82007	19.181	ug/l	99
89) n-Butylbenzene	13.61	91	153025	19.898	ug/l	100
90) Hexachloroethane	13.87	117	25145	20.309	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	81014	19.909	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11103	17.331	ug/l	99

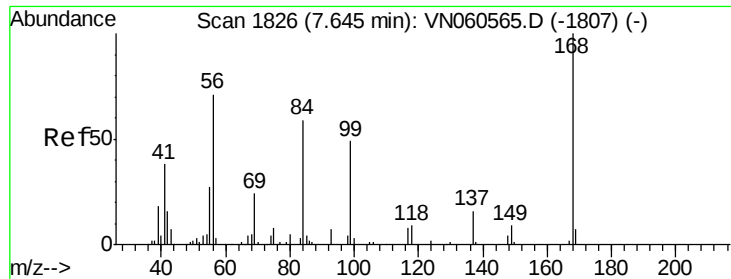
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49060	19.633	ug/l	99
94) Hexachlorobutadiene	15.01	225	26266	21.442	ug/l	99
95) Naphthalene	15.13	128	140778	18.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47779	19.412	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: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

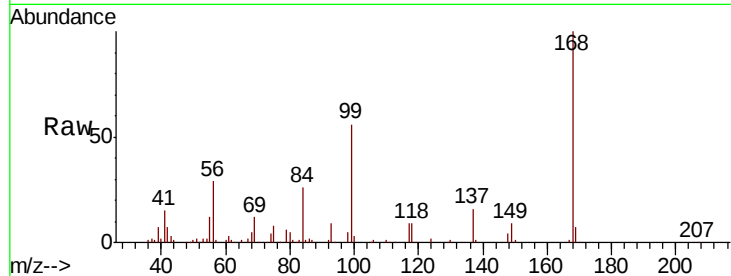
VN0406WBSD01

Tot Ion:168 Resp: 193328

Ion Ratio Lower Upper

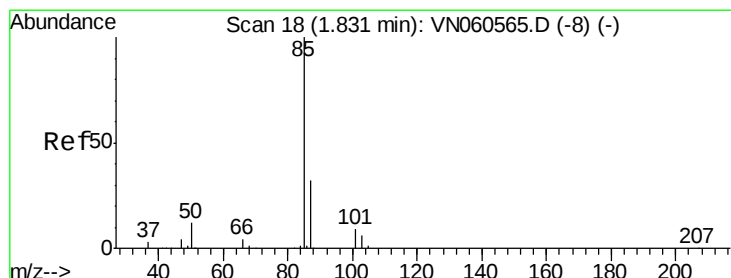
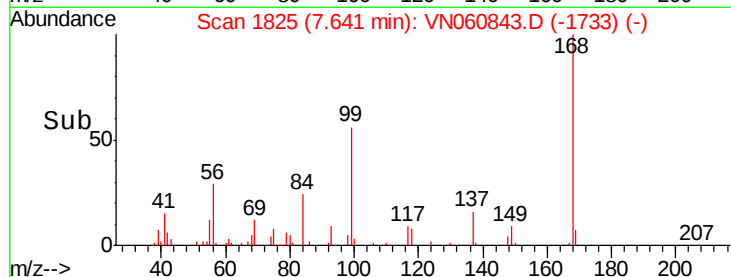
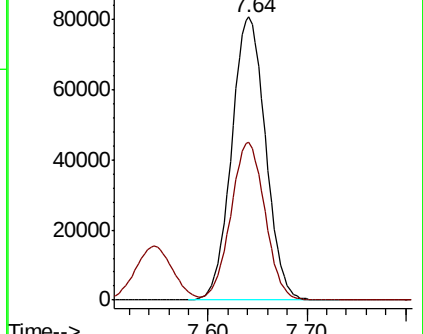
168 100

99 55.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1807) (-)



#2

Dichlorodifluoromethane

Concen: 16.896 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060843.D

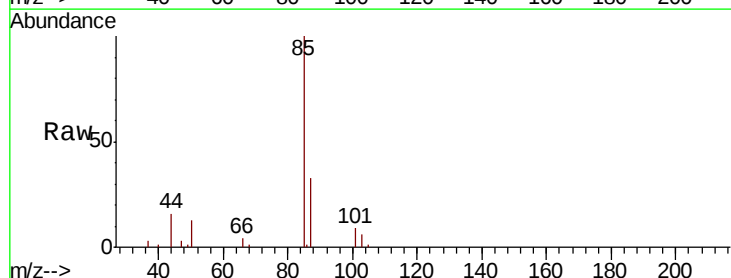
Acq: 6 Apr 2020 12:11

Tgt Ion: 85 Resp: 31606

Ion Ratio Lower Upper

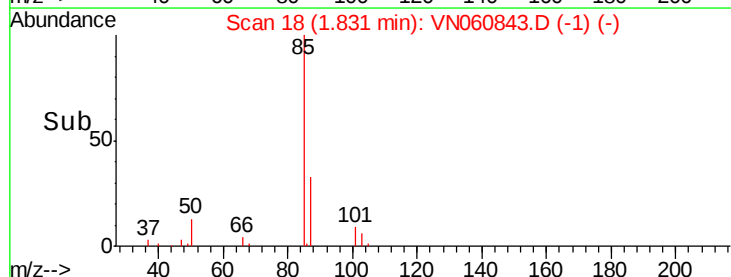
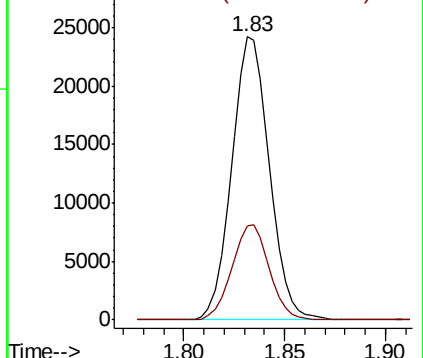
85 100

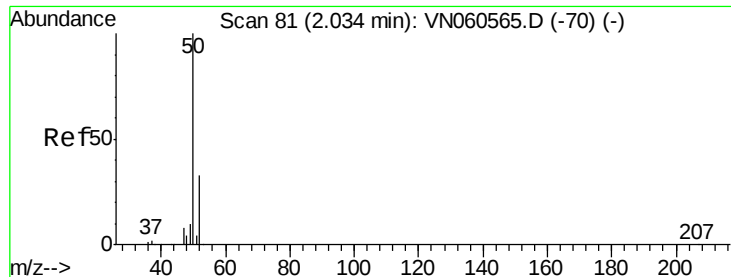
87 33.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN060565.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN060565.D (-8) (-)





#3

Chloromethane

Concen: 15.916 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

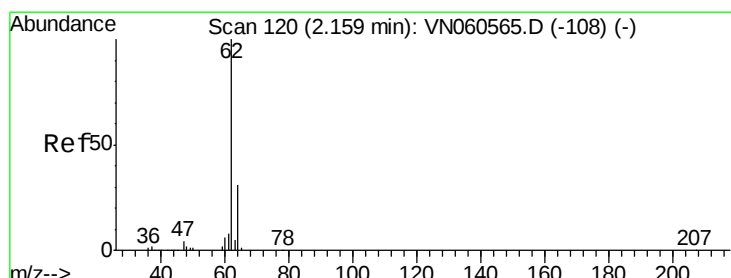
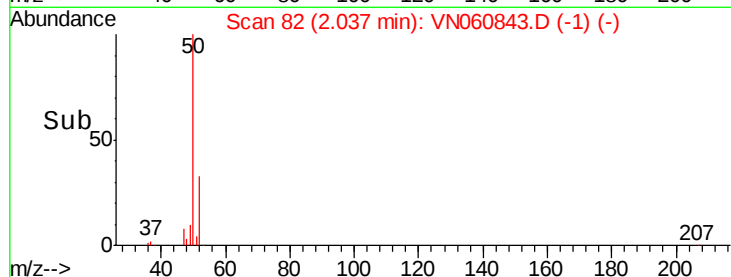
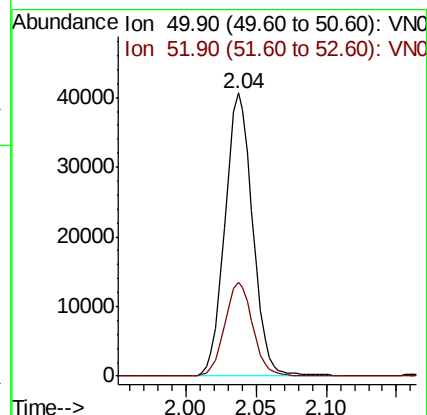
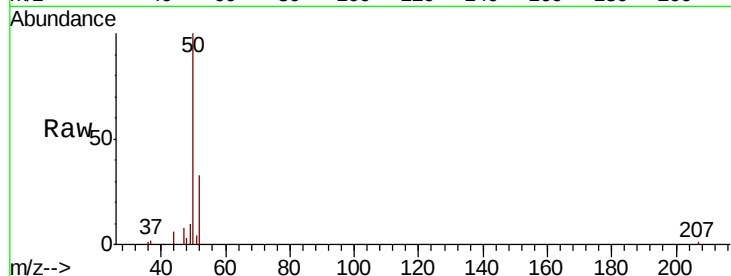
VN0406WBSD01

Tot Ion: 50 Resp: 55604

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 16.166 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060843.D

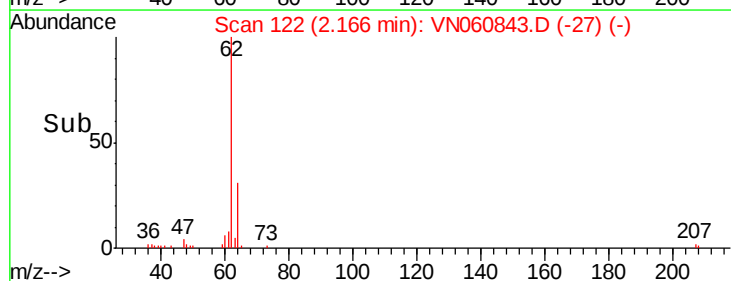
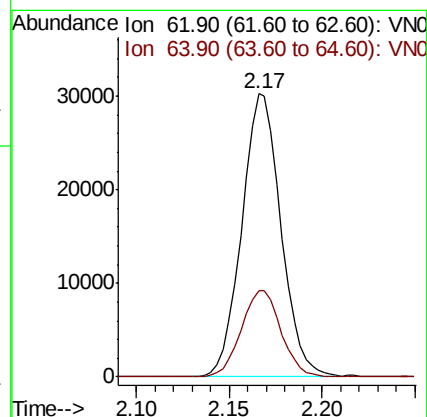
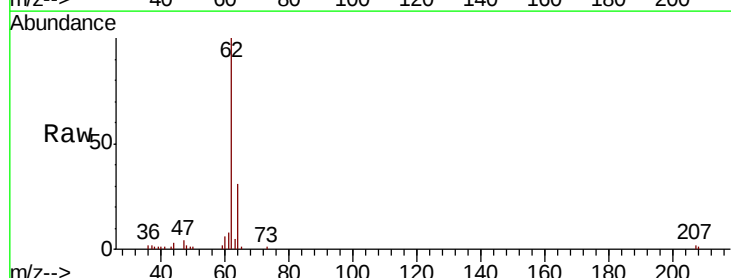
Acq: 6 Apr 2020 12:11

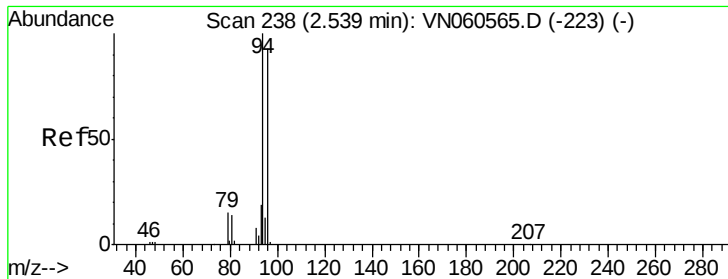
Tgt Ion: 62 Resp: 44176

Ion Ratio Lower Upper

62 100

64 30.6 24.7 37.1





#5

Bromomethane

Concen: 19.527 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

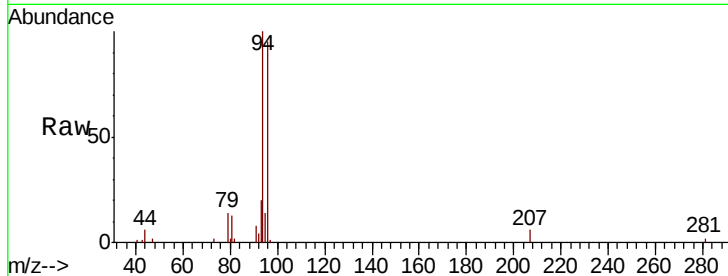
VN0406WBSD01

Tot Ion: 94 Resp: 23035

Ion Ratio Lower Upper

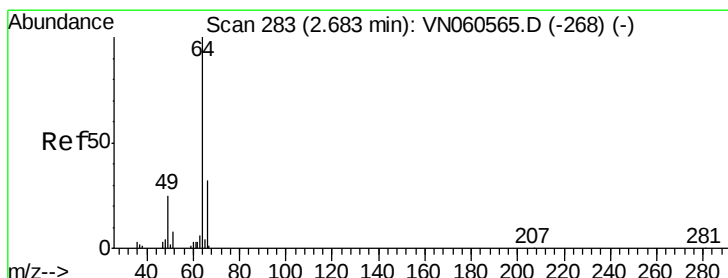
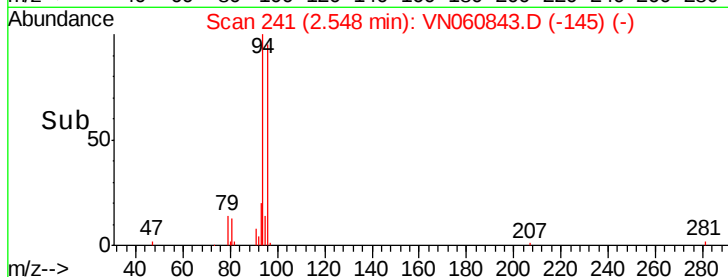
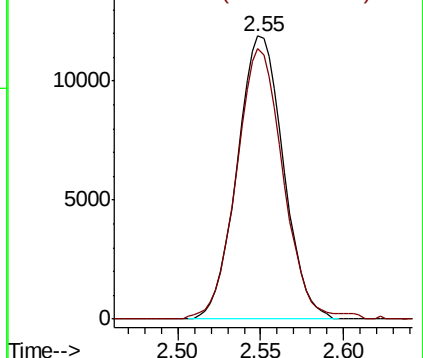
94 100

96 94.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.985 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060843.D

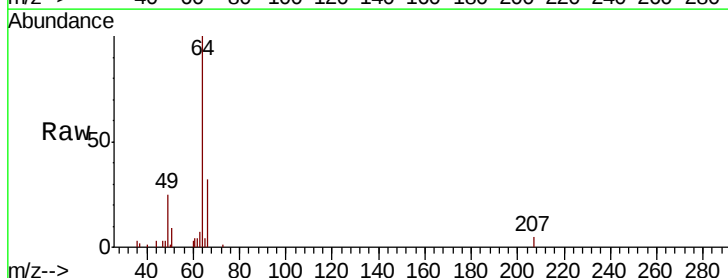
Acq: 6 Apr 2020 12:11

Tgt Ion: 64 Resp: 28310

Ion Ratio Lower Upper

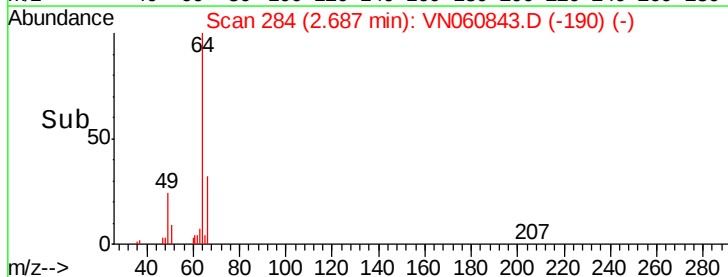
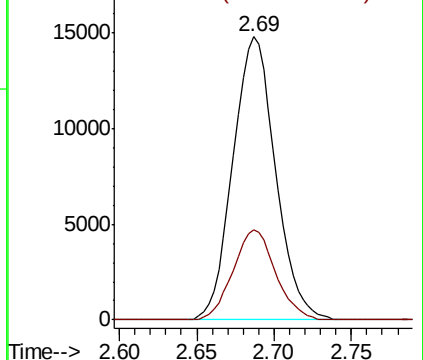
64 100

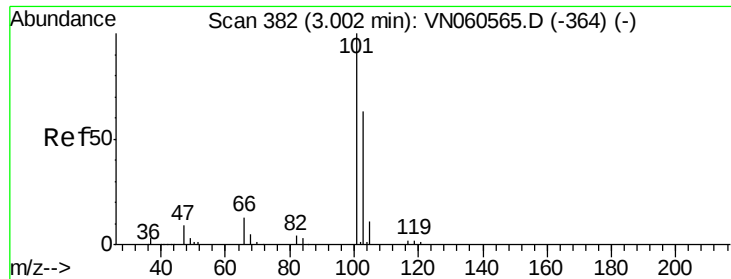
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



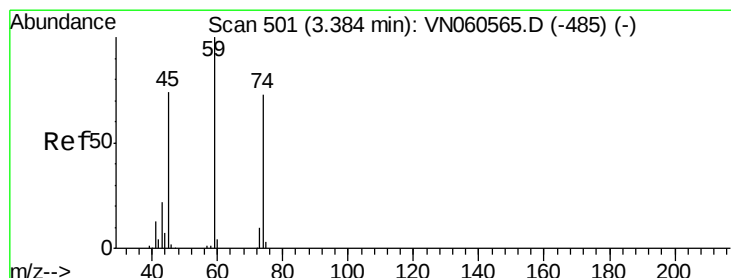
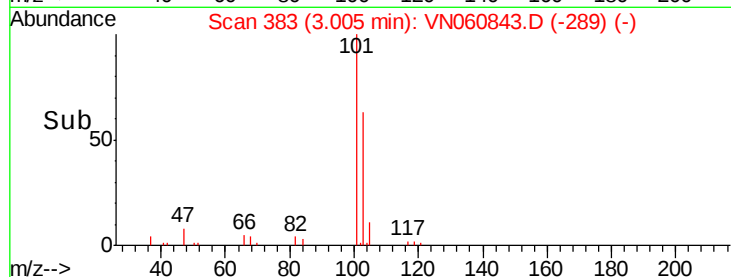
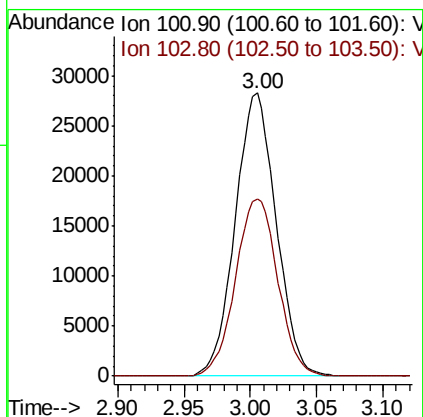
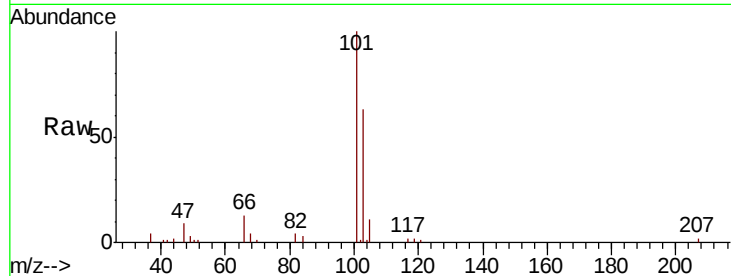


#7

Trichlorofluoromethane
 Concen: 18.043 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060843.D
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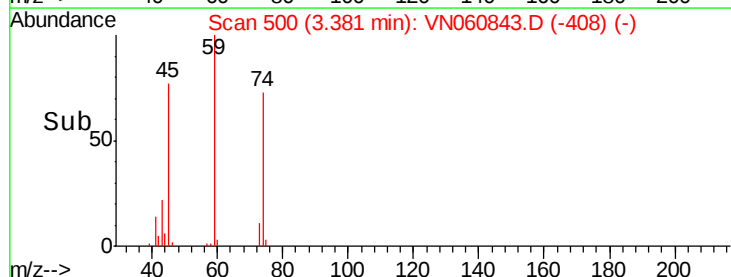
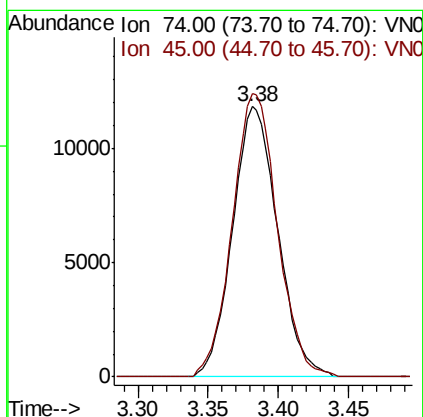
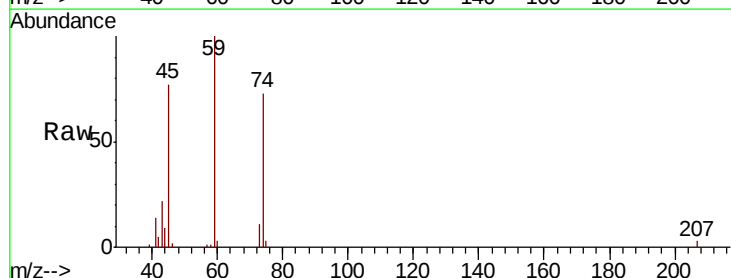
Tot Ion:101 Resp: 60737
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.6 76.0

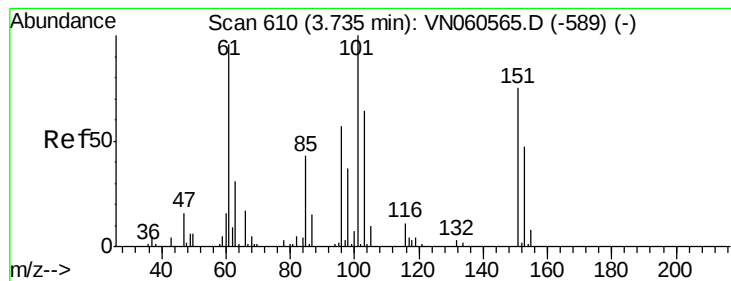


#8

Diethyl Ether
 Concen: 19.546 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Tgt Ion: 74 Resp: 26432
 Ion Ratio Lower Upper
 74 100
 45 104.7 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.247 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

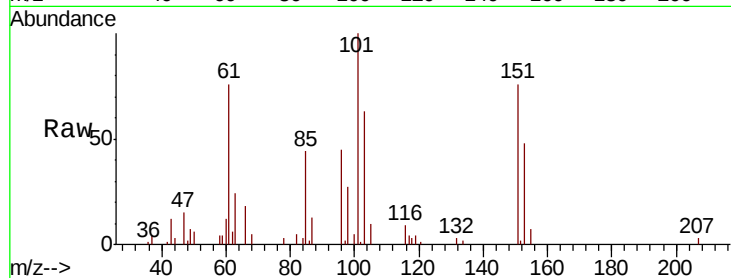
Tot Ion:101 Resp: 37541

Ion Ratio Lower Upper

101 100

85 43.9 35.6 53.4

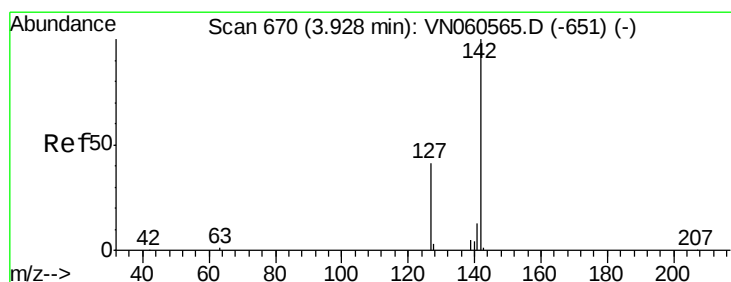
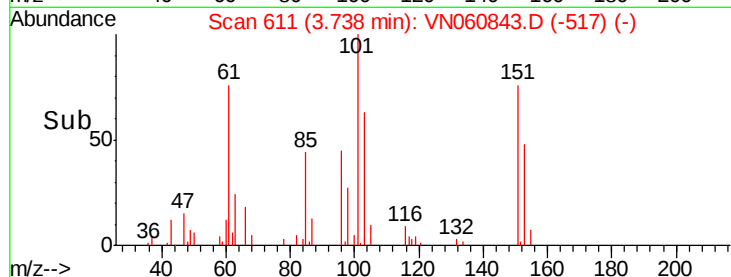
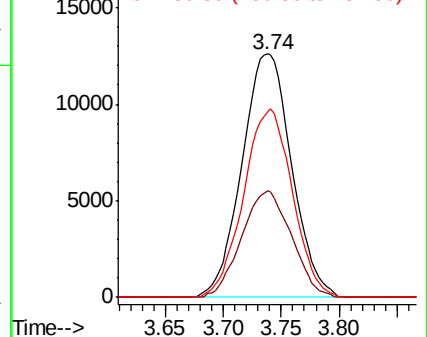
151 76.0 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.115 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

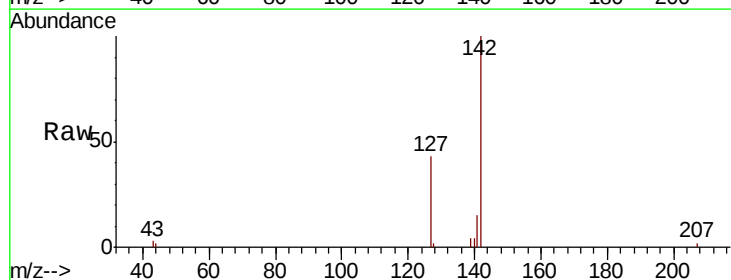
Tgt Ion:142 Resp: 31441

Ion Ratio Lower Upper

142 100

127 41.4 33.5 50.3

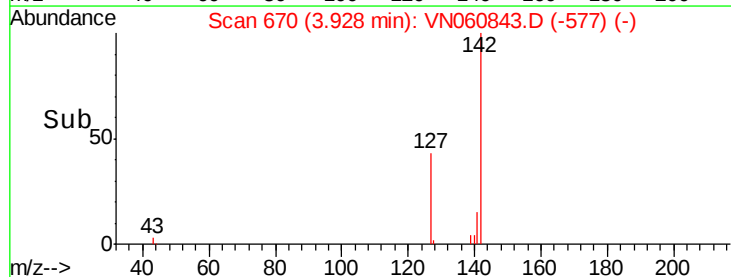
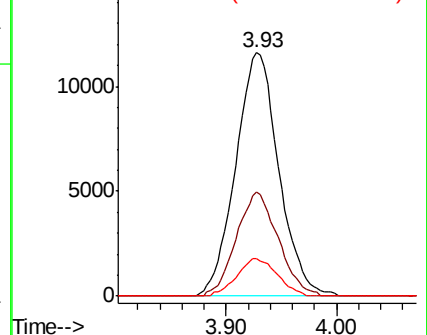
141 14.4 11.0 16.6

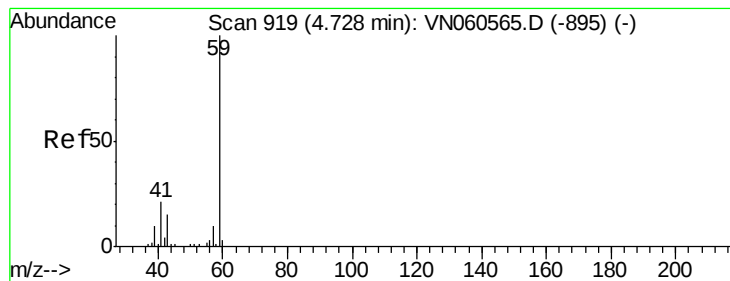


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



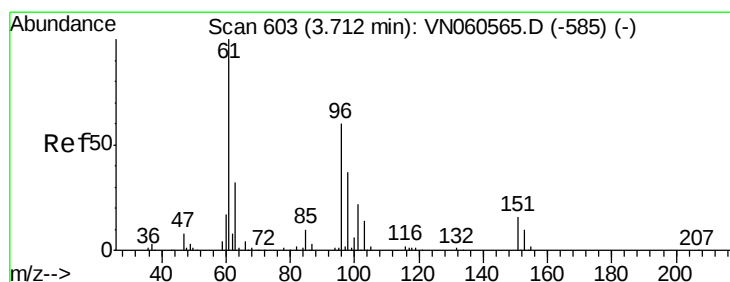
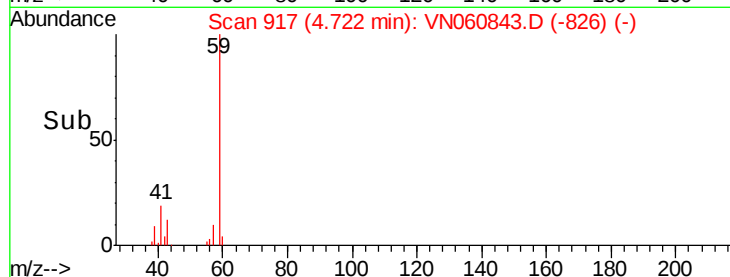
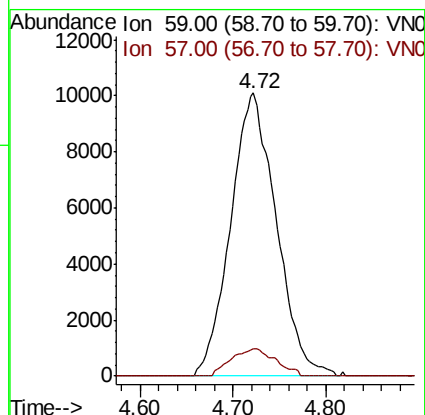
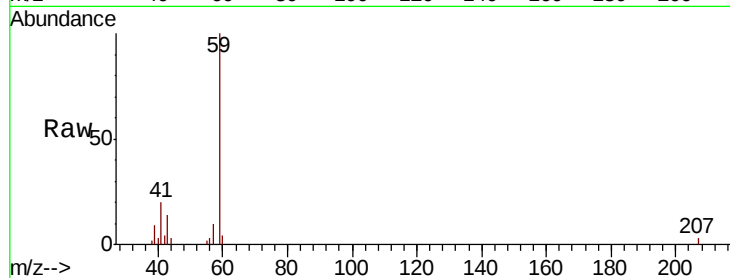


#11

Tert butyl alcohol
Concen: 88.511 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

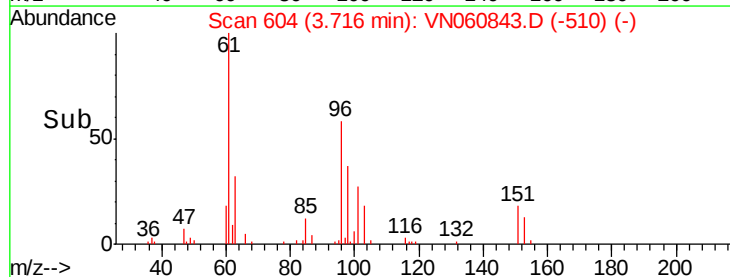
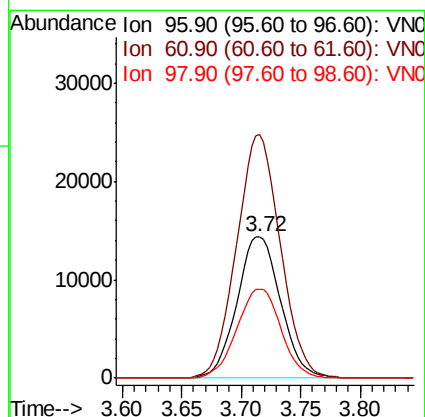
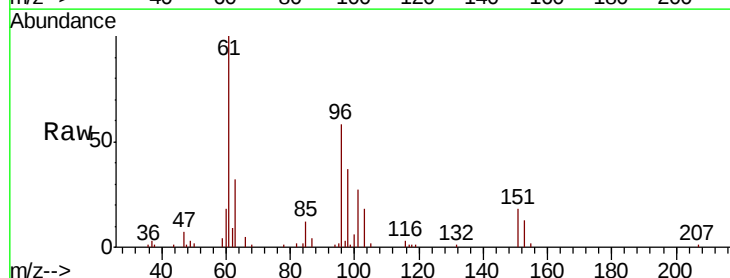
Tot Ion: 59 Resp: 34547
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.4

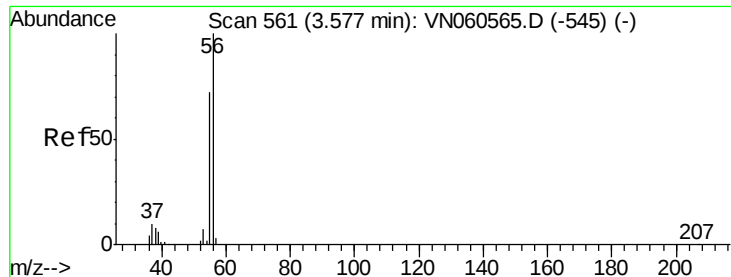


#12

1,1-Dichloroethene
Concen: 17.481 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion: 96 Resp: 36591
Ion Ratio Lower Upper
96 100
61 172.4 134.1 201.1
98 63.2 49.9 74.9





#13

Acrolein

Concen: 72.065 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

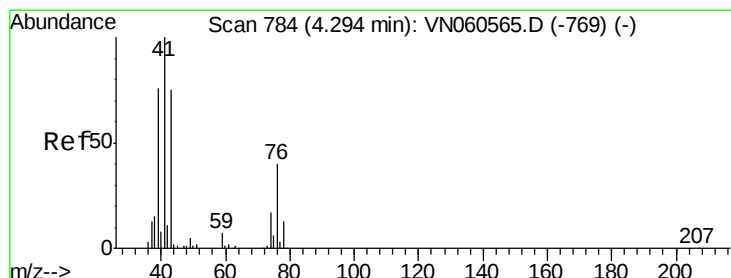
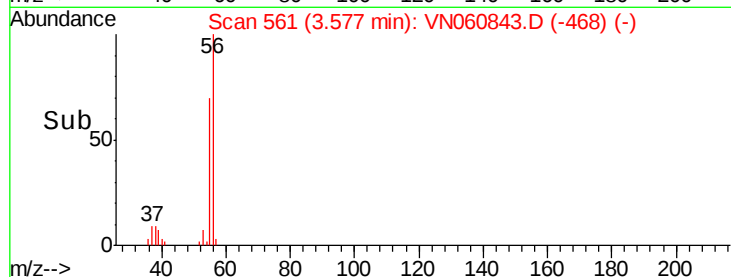
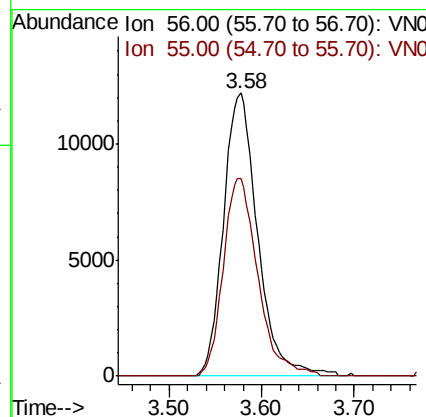
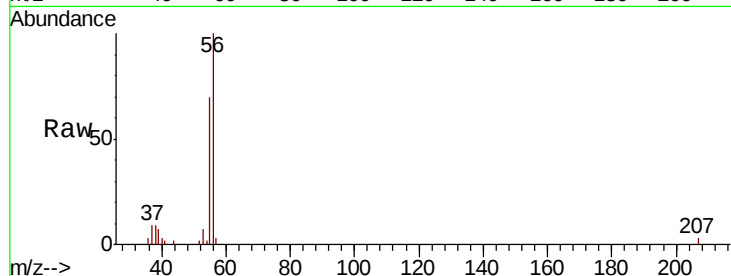
VN0406WBSD01

Tot Ion: 56 Resp: 31174

Ion Ratio Lower Upper

56 100

55 70.7 56.7 85.1



#14

Allyl chloride

Concen: 18.817 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

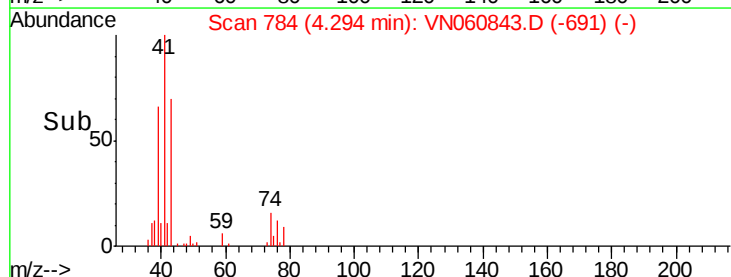
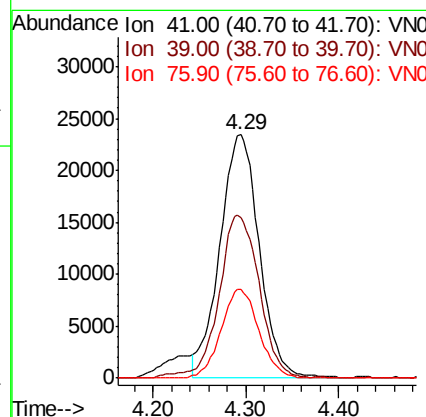
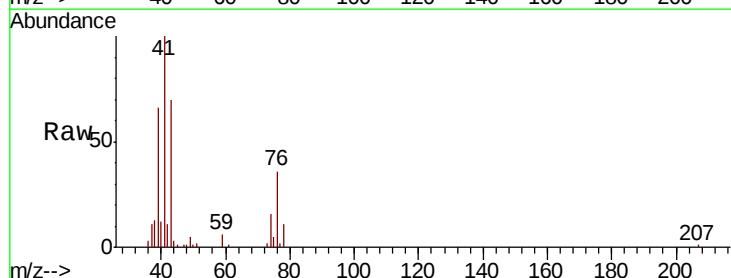
Tgt Ion: 41 Resp: 69273

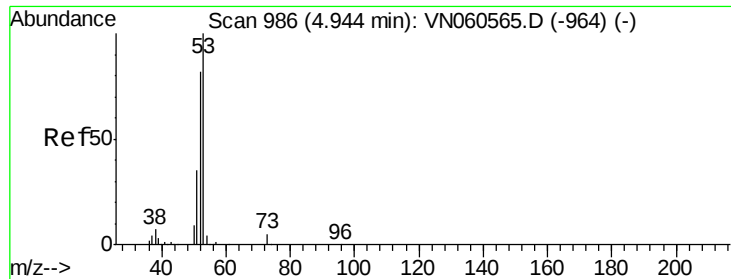
Ion Ratio Lower Upper

41 100

39 68.4 57.8 86.8

76 34.8 28.6 43.0

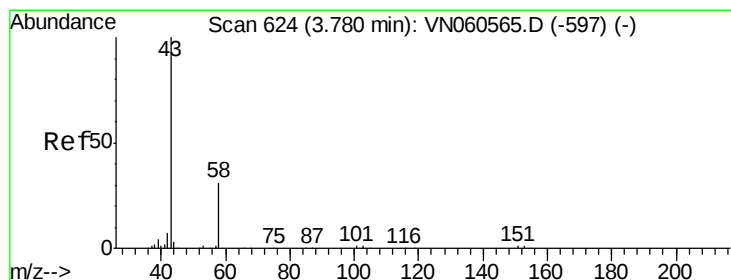
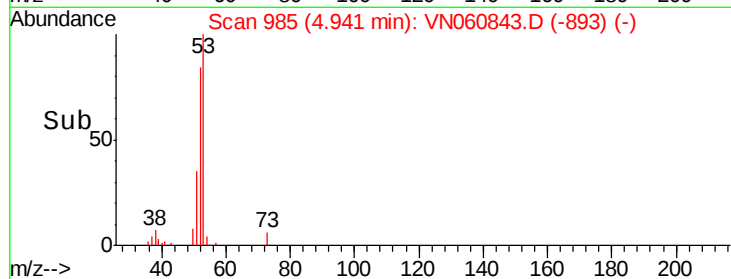
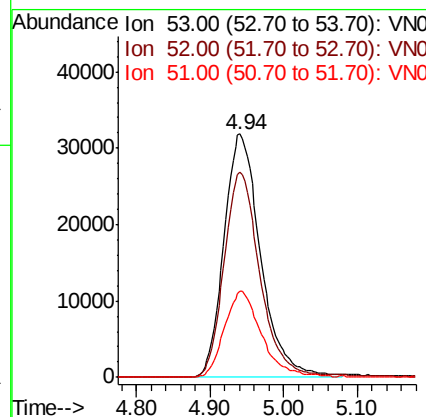
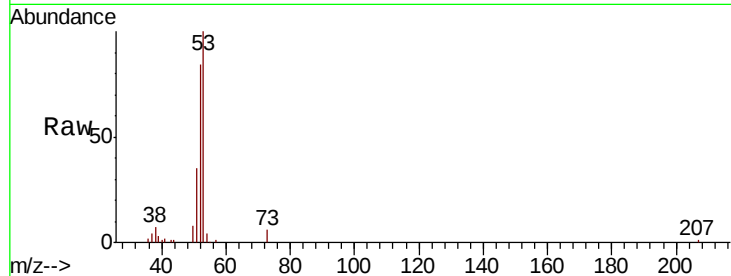




#15
 Acrylonitrile
 Concen: 96.296 ug/l
 RT: 4.94 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

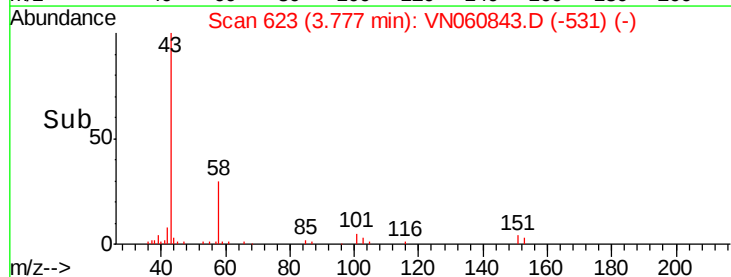
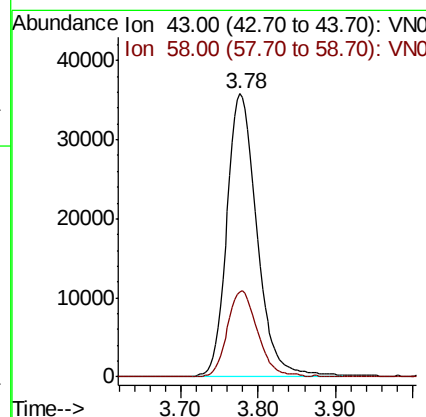
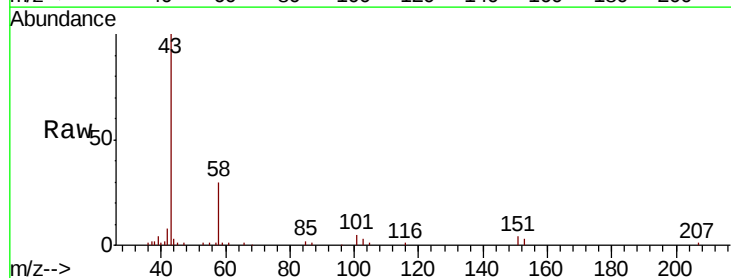
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBSD01

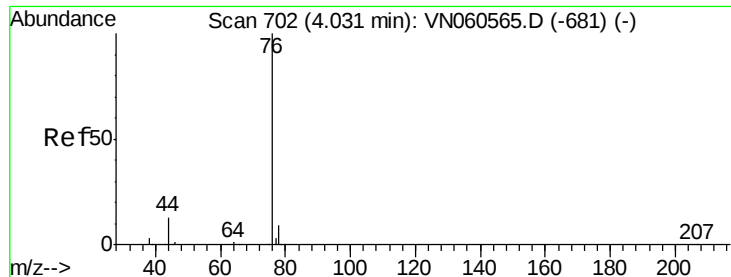
Tot Ion: 53 Resp: 110524
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.2 99.4
 51 35.7 28.7 43.1



#16
 Acetone
 Concen: 103.185 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Tgt Ion: 43 Resp: 97003
 Ion Ratio Lower Upper
 43 100
 58 30.1 25.1 37.7





#17

Carbon Disulfide

Concen: 16.335 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

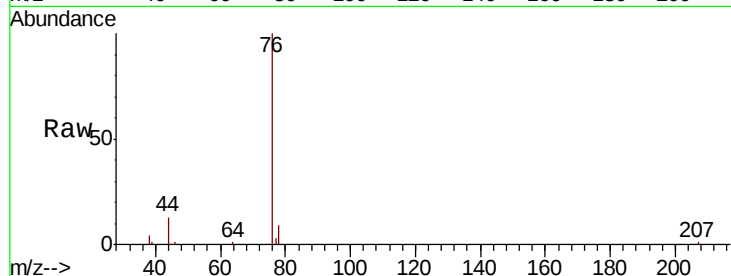
VN0406WBSD01

Tot Ion: 76 Resp: 103989

Ion Ratio Lower Upper

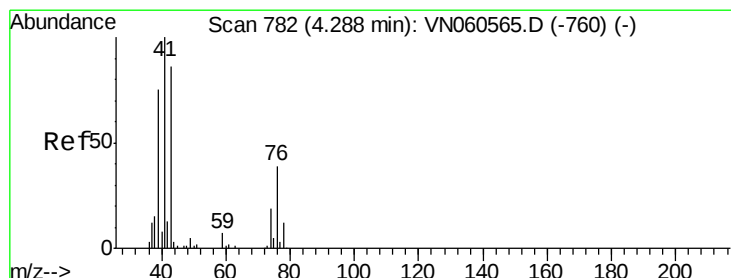
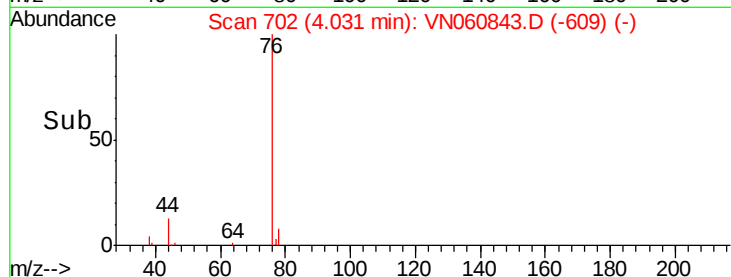
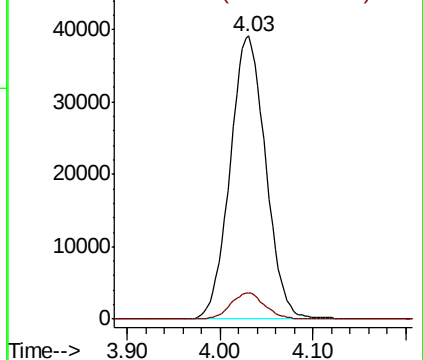
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.404 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060843.D

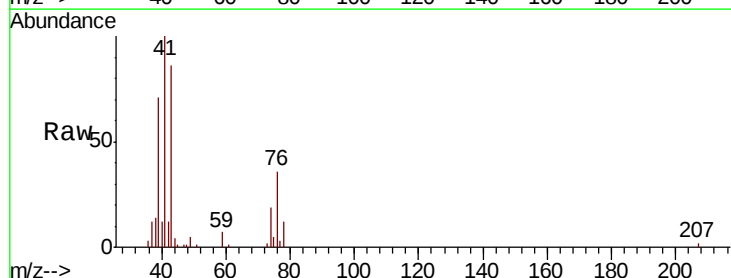
Acq: 6 Apr 2020 12:11

Tgt Ion: 43 Resp: 53990

Ion Ratio Lower Upper

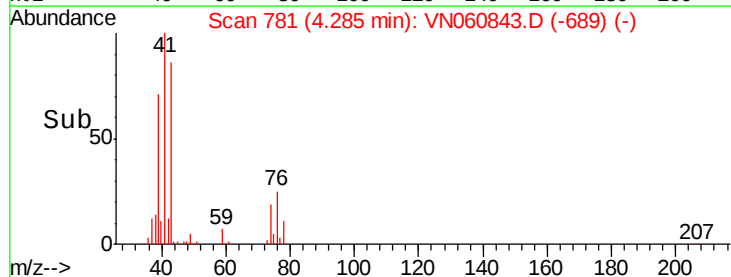
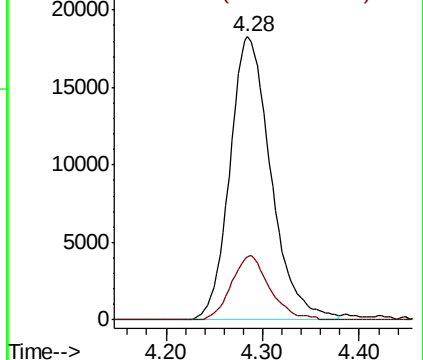
43 100

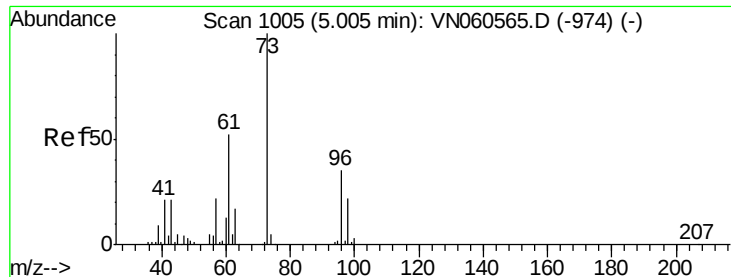
74 20.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



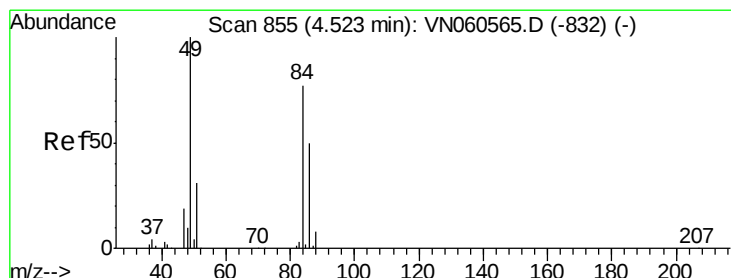
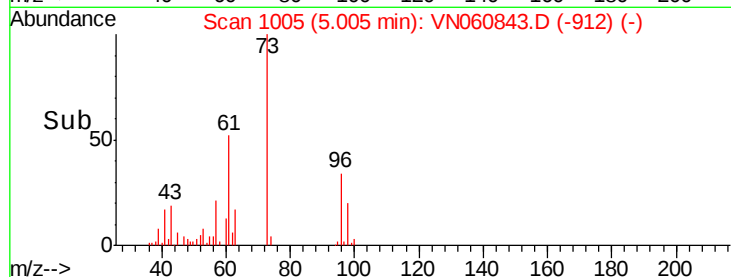
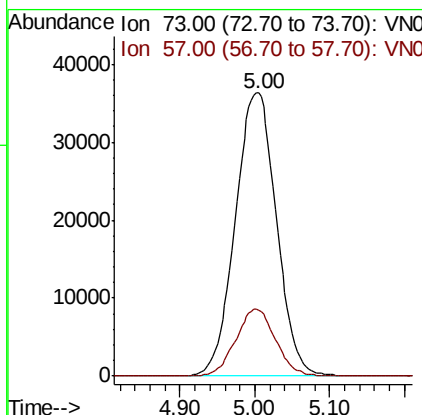
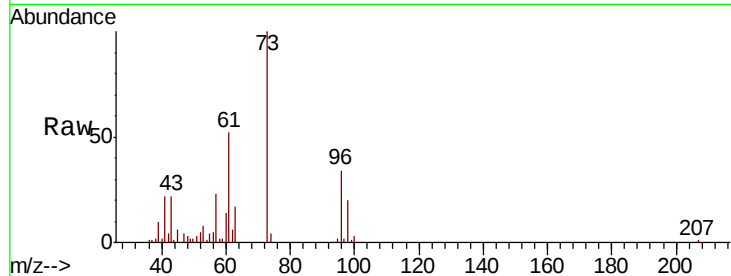


#19

Methyl tert-butyl Ether
 Concen: 19.284 ug/l
 RT: 5.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBSD01

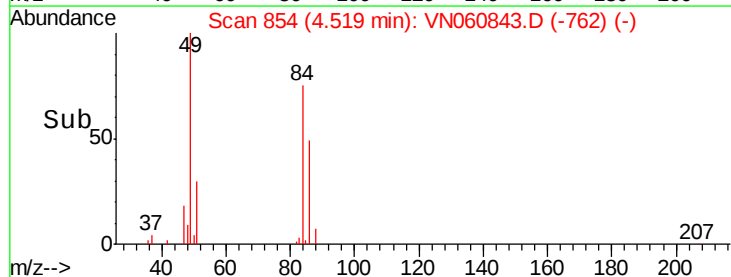
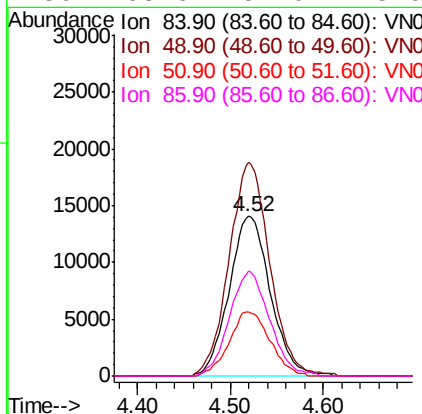
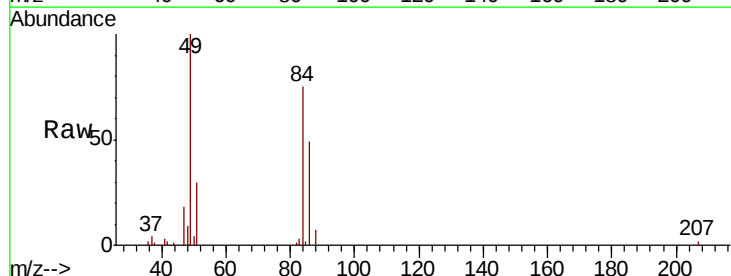
Tot Ion: 73 Resp: 138774
 Ion Ratio Lower Upper
 73 100
 57 23.3 17.5 26.3

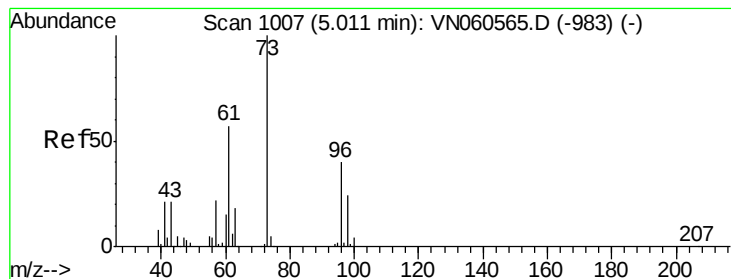


#20

Methylene Chloride
 Concen: 18.779 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Tgt Ion: 84 Resp: 43428
 Ion Ratio Lower Upper
 84 100
 49 133.9 103.3 154.9
 51 40.0 31.6 47.4
 86 65.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.989 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

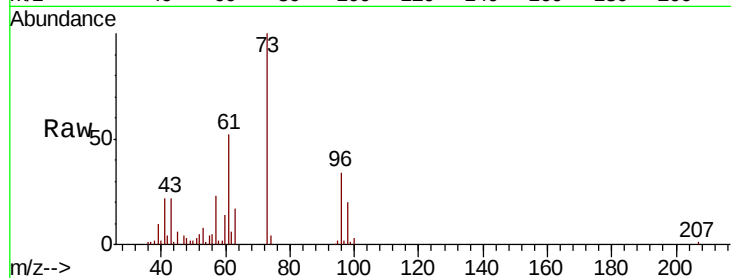
Tot Ion: 96 Resp: 40131

Ion Ratio Lower Upper

96 100

61 152.9 114.4 171.6

98 60.6 48.4 72.6

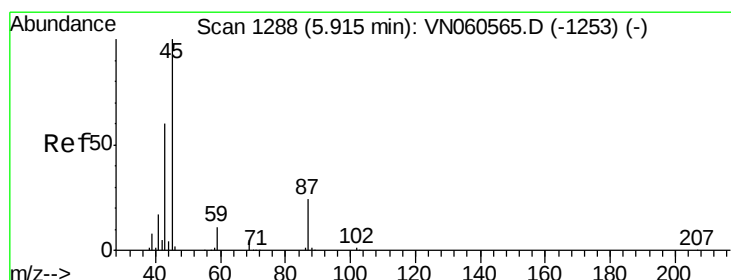
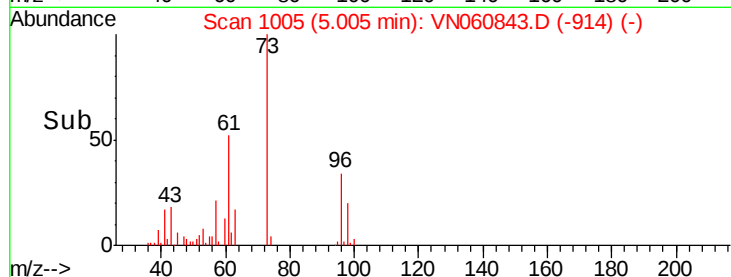
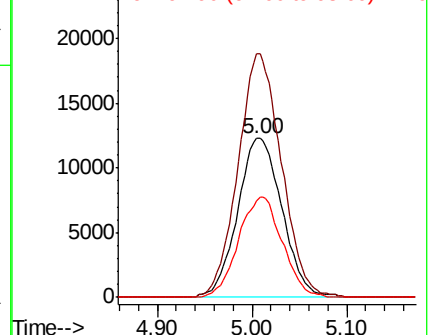


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.001 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Tgt Ion: 45 Resp: 155563

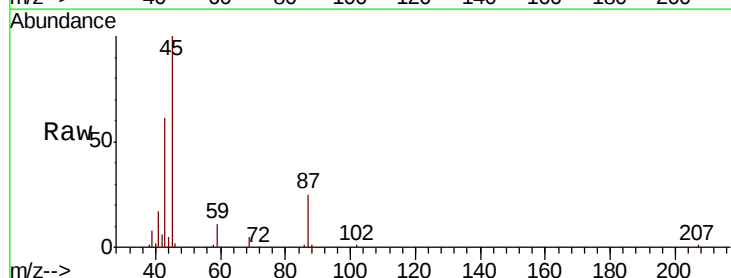
Ion Ratio Lower Upper

45 100

43 59.7 49.8 74.8

87 24.9 20.1 30.1

59 10.8 9.2 13.8



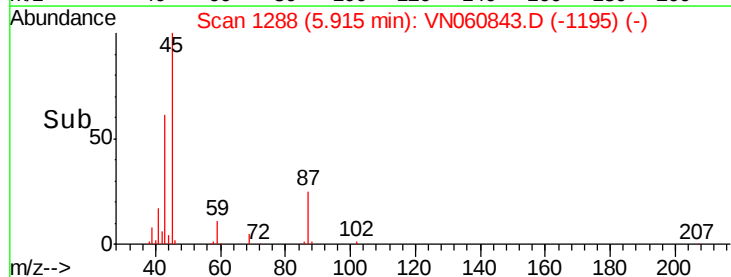
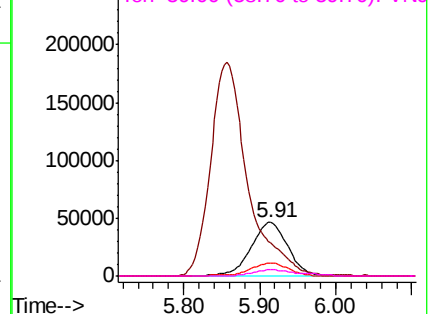
Abundance

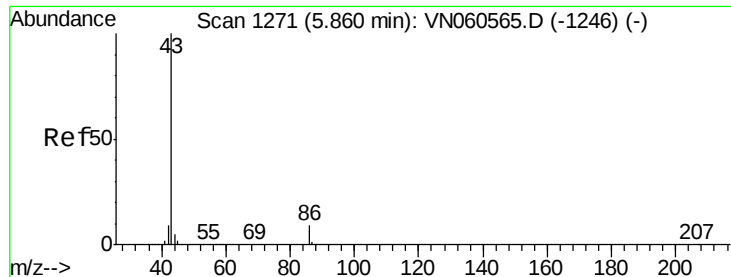
Ion 45.00 (44.70 to 45.70): VN0

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: 98.791 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

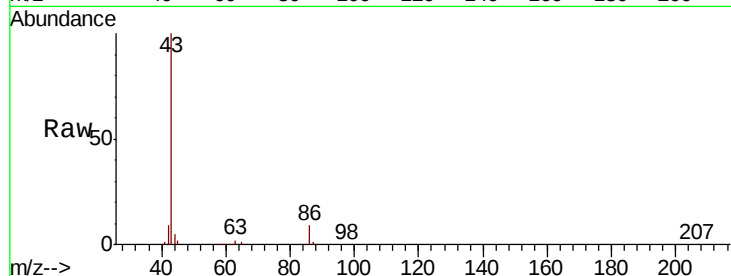
VN0406WBSD01

Tot Ion: 43 Resp: 626916

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

200000

150000

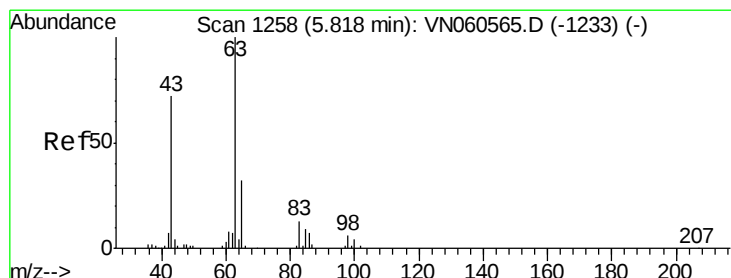
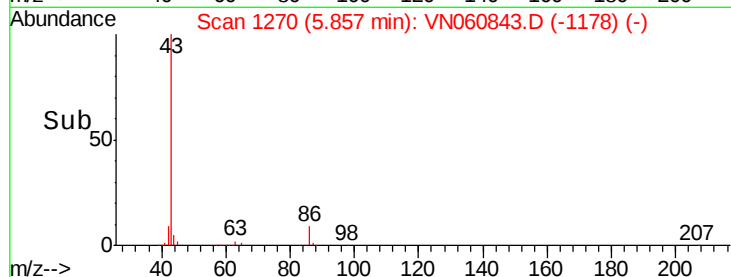
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.022 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

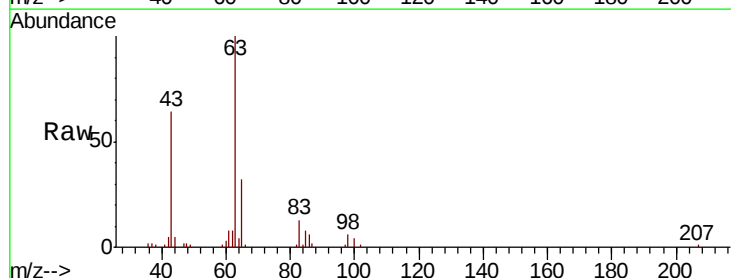
Tgt Ion: 63 Resp: 80652

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.82

30000

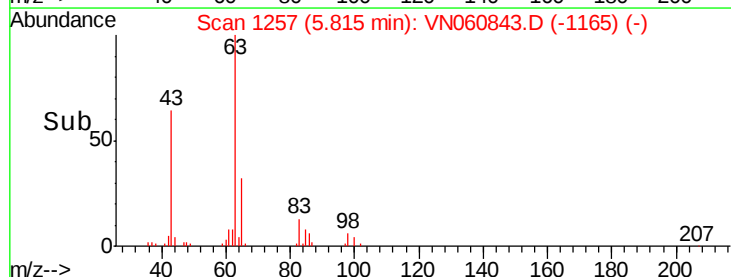
20000

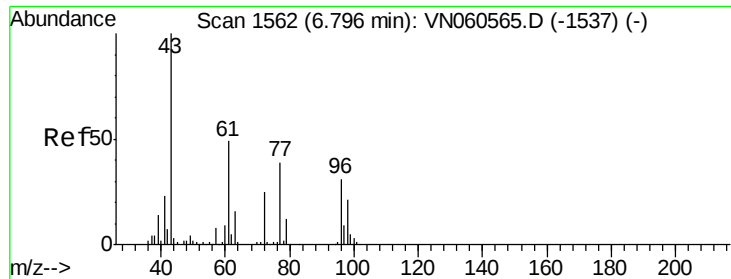
10000

0

Time-->

5.70 5.80 5.90

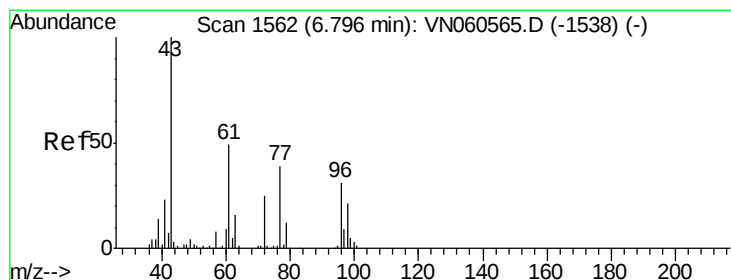
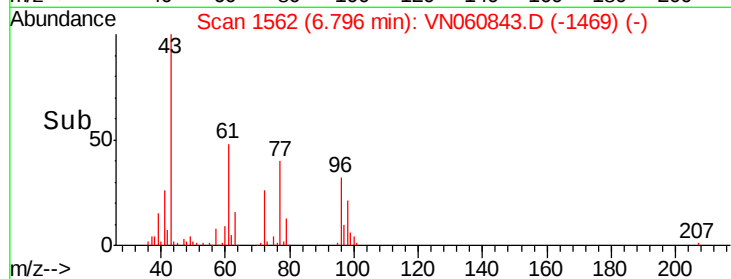
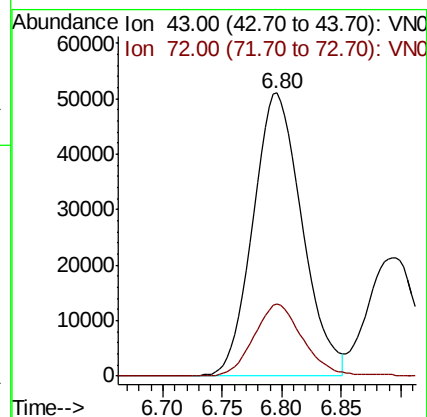
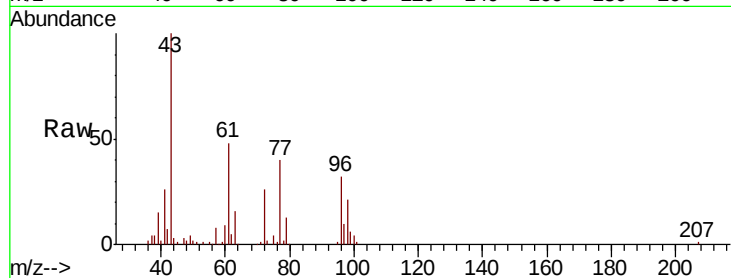




#25
2-Butanone
Concen: 95.887 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

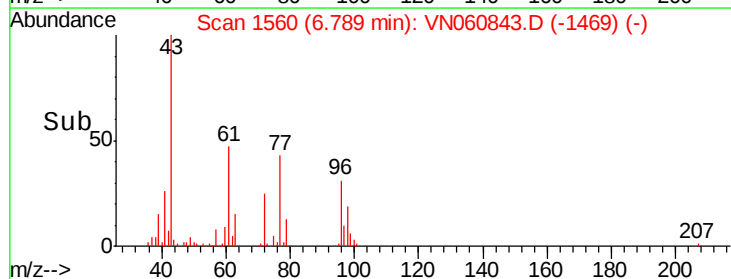
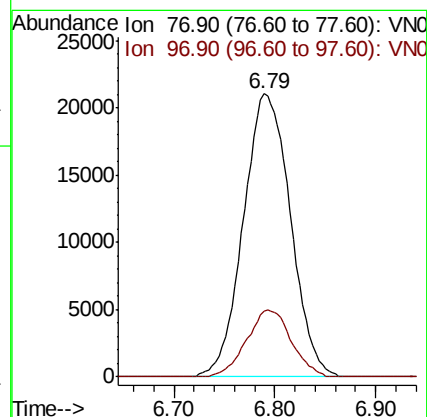
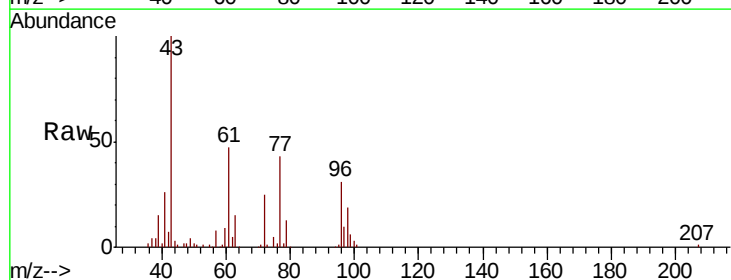
Instrument :
MSVOA_N
ClientSampled :
VN0406WBSD01

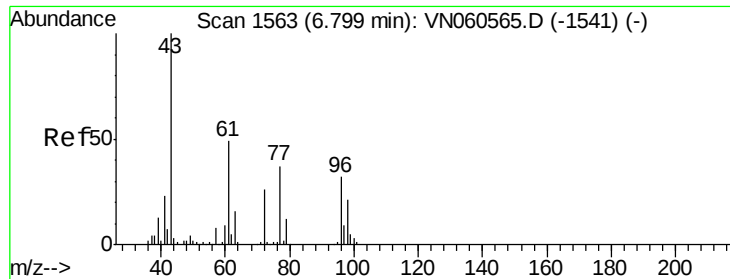
Tot Ion: 43 Resp: 145865
Ion Ratio Lower Upper
43 100
72 25.6 20.4 30.6



#26
2,2-Dichloropropane
Concen: 20.391 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion: 77 Resp: 68025
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.706 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

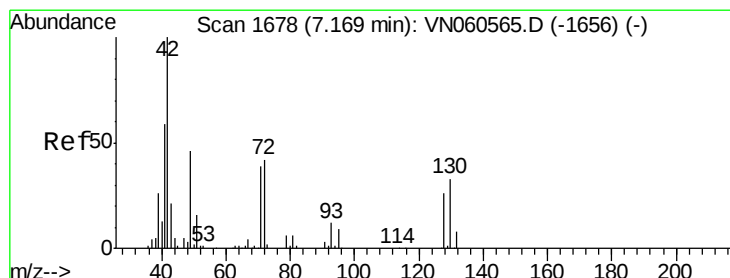
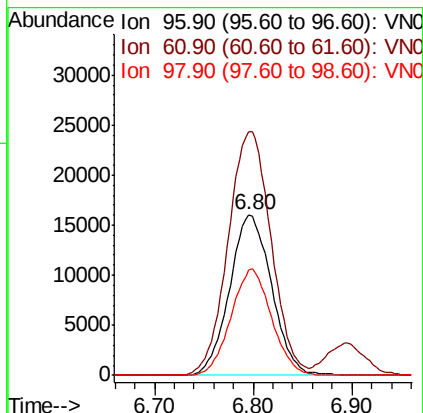
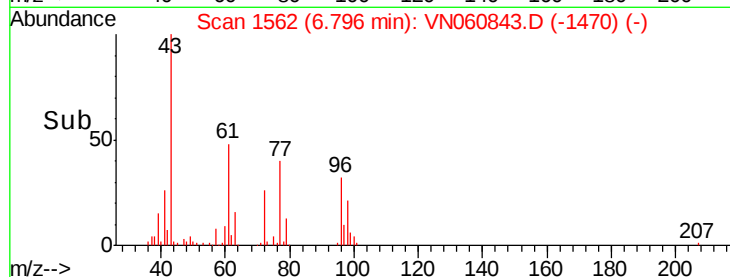
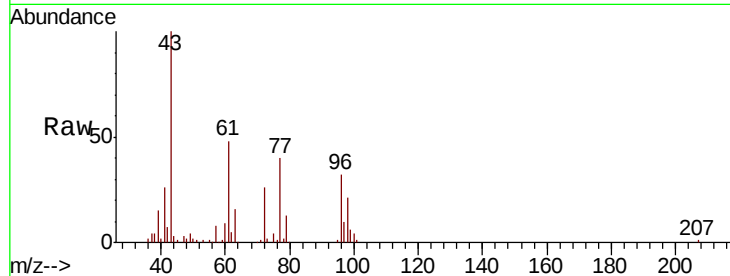
Tot Ion: 96 Resp: 47422

Ion Ratio Lower Upper

96 100

61 155.5 0.0 305.6

98 63.9 0.0 127.6



#28

Bromochloromethane

Concen: 20.073 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

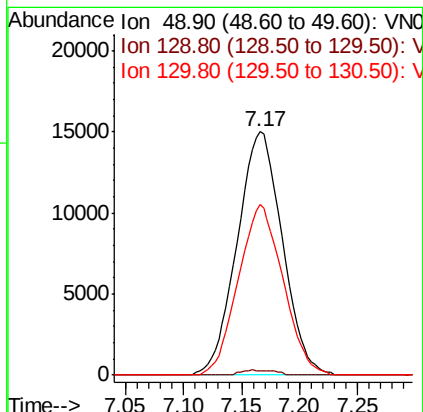
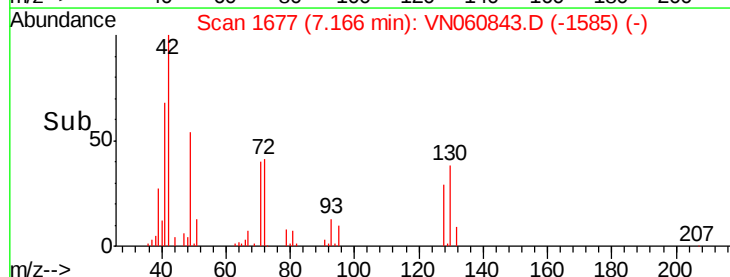
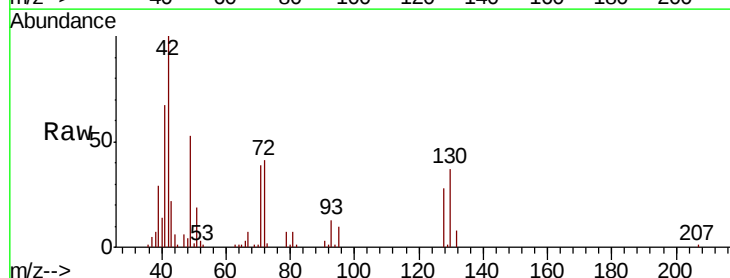
Tgt Ion: 49 Resp: 40719

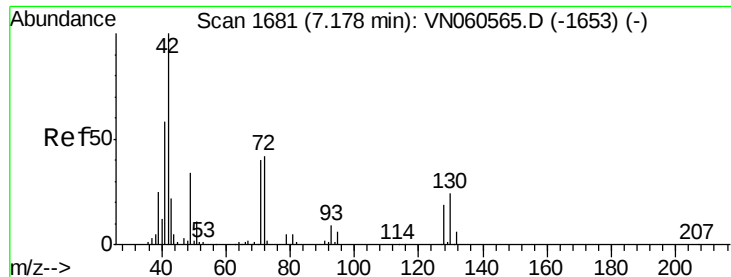
Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.4

130 69.2 55.0 82.4

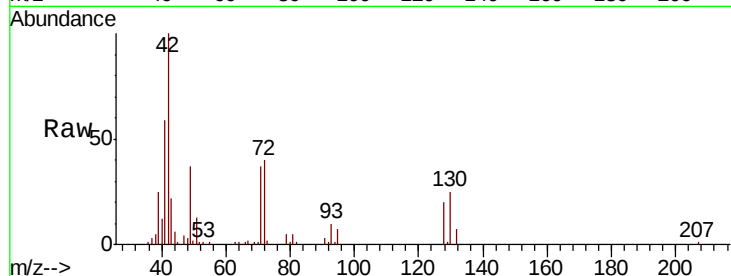




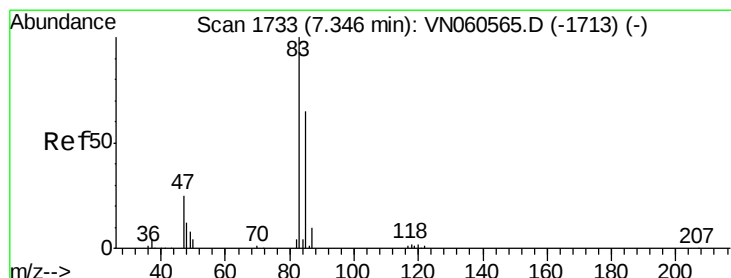
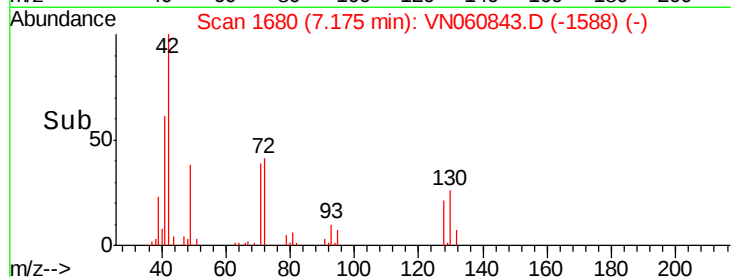
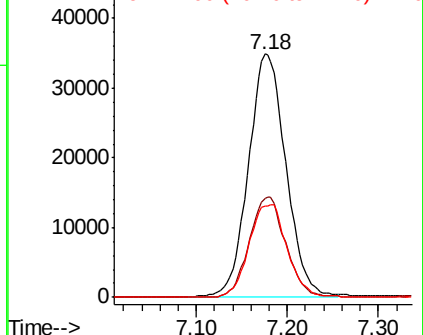
#29
Tetrahydrofuran
Concen: 93.019 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Instrument :
MSVOA_N
ClientSampled :
VN0406WBSD01

Tot Ion: 42 Resp: 100119
Ion Ratio Lower Upper
42 100
72 39.9 33.2 49.8
71 38.5 31.1 46.7

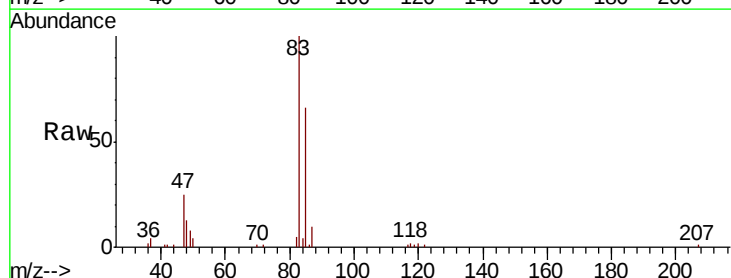


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

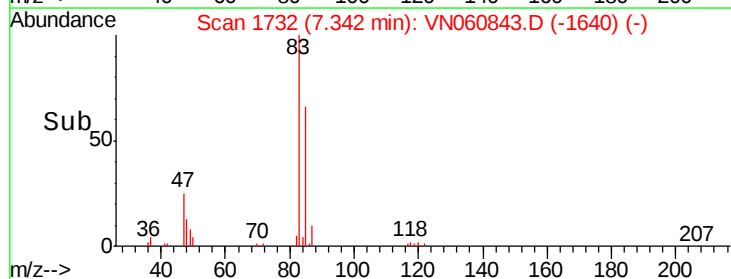
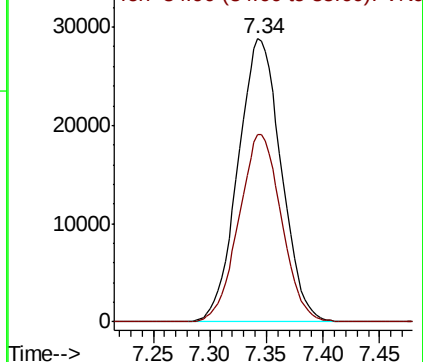


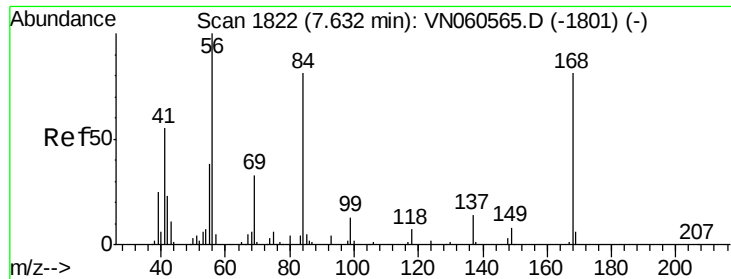
#30
Chloroform
Concen: 18.798 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion: 83 Resp: 76407
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.8



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

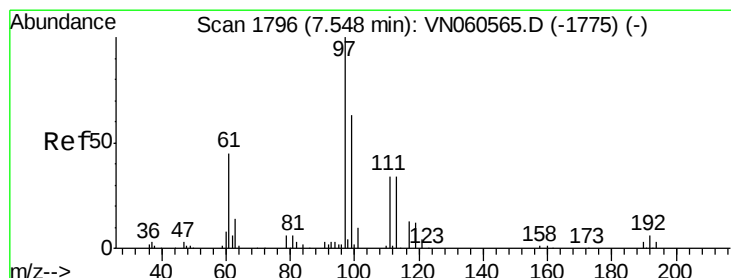
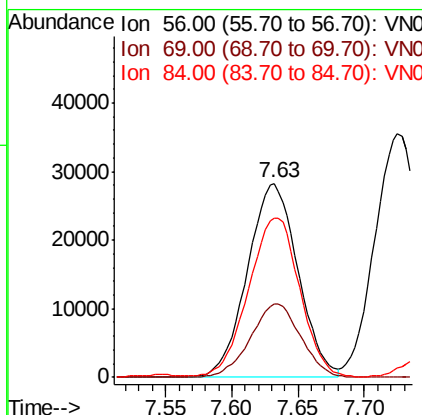
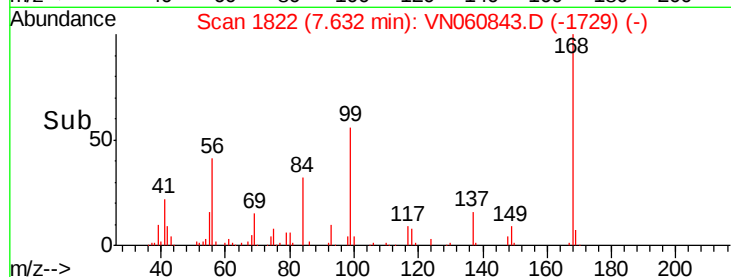
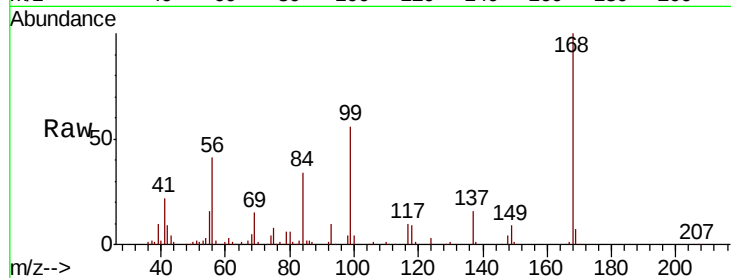




#31
Cyclohexane
Concen: 17.627 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

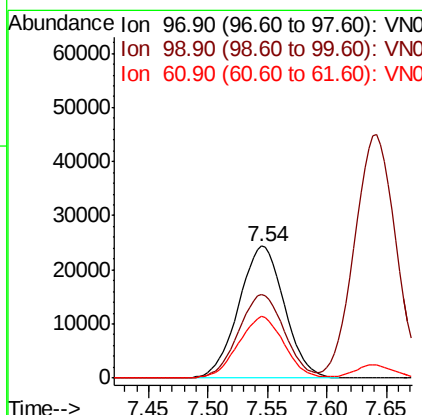
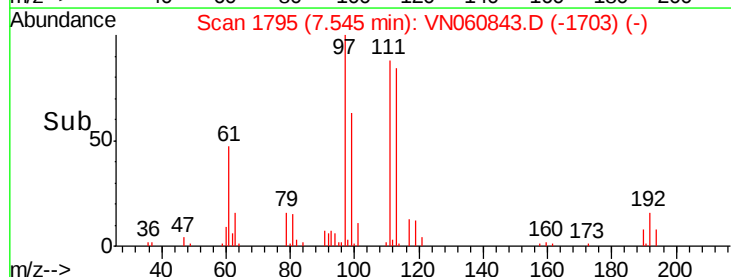
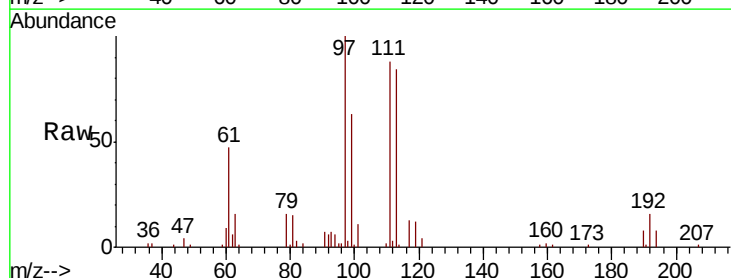
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

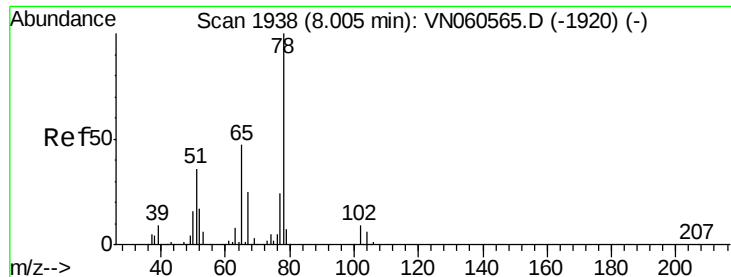
Tot Ion: 56 Resp: 75348
Ion Ratio Lower Upper
56 100
69 37.7 26.6 40.0
84 81.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 18.503 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion: 97 Resp: 64837
Ion Ratio Lower Upper
97 100
99 63.7 50.6 75.8
61 46.5 36.2 54.4

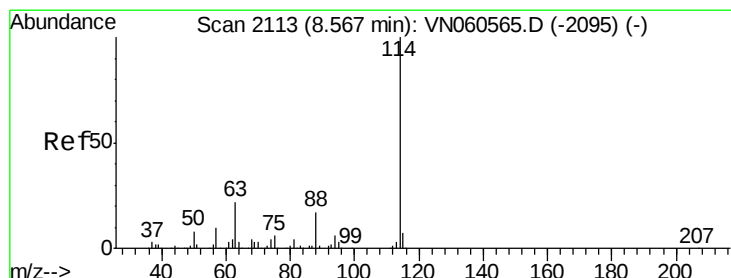
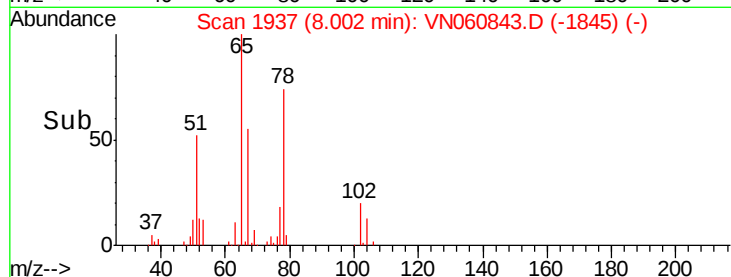
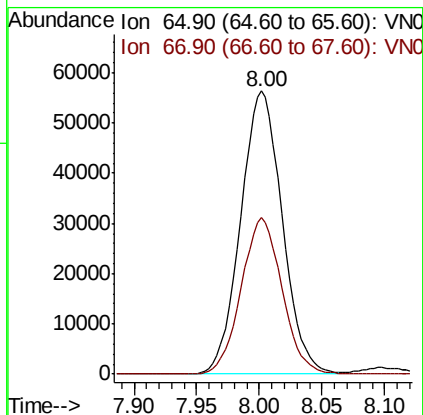
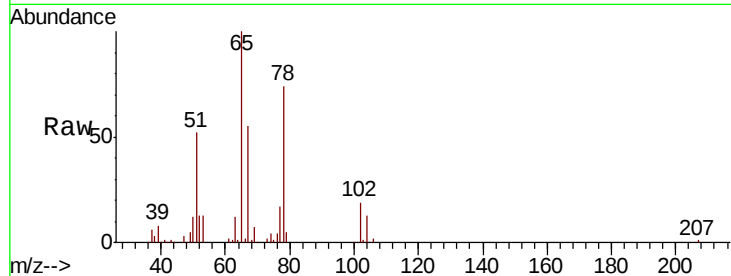




#33
 1,2-Dichloroethane-d4
 Concen: 49.060 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

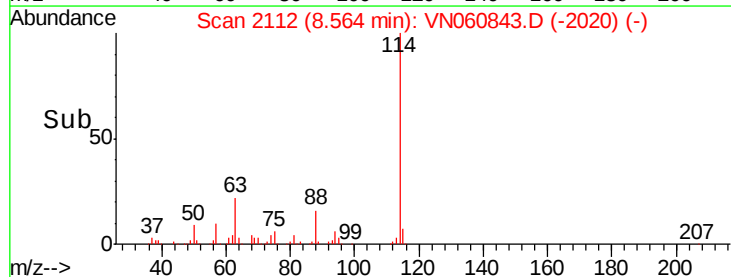
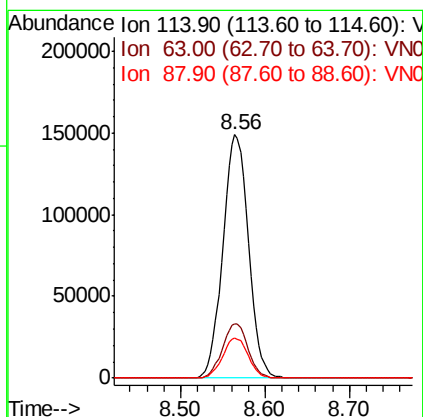
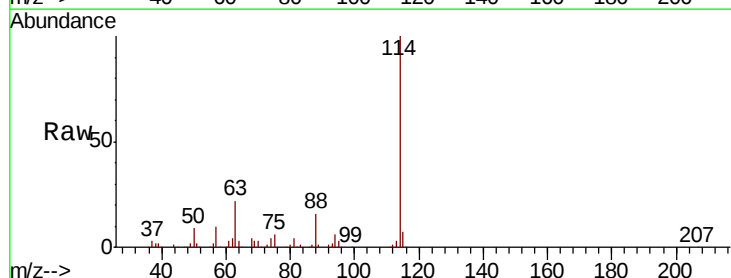
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBSD01

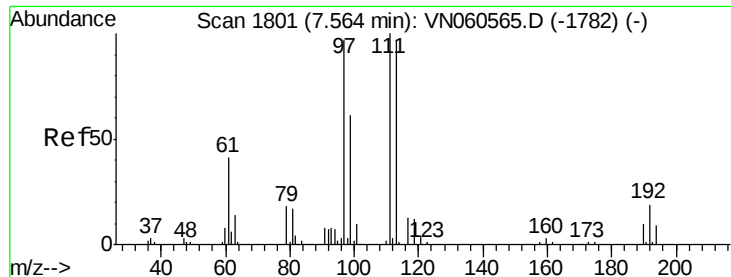
Tot Ion: 65 Resp: 130202
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Tgt Ion: 114 Resp: 314280
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 16.4 0.0 33.0

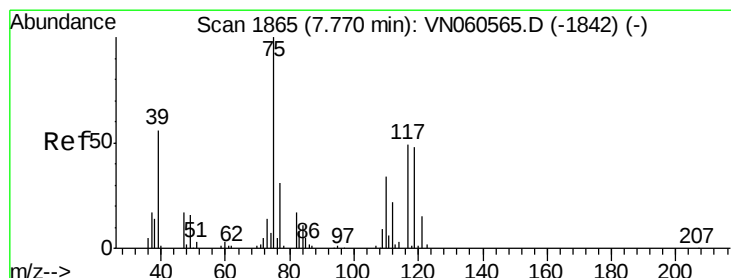
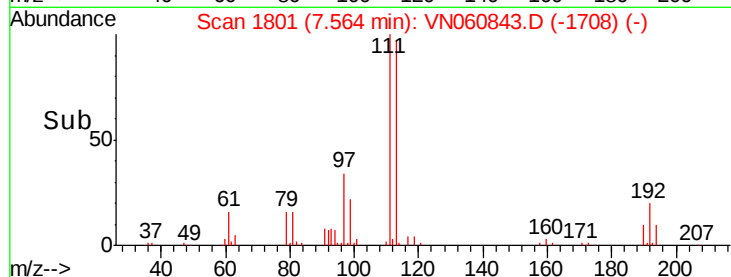
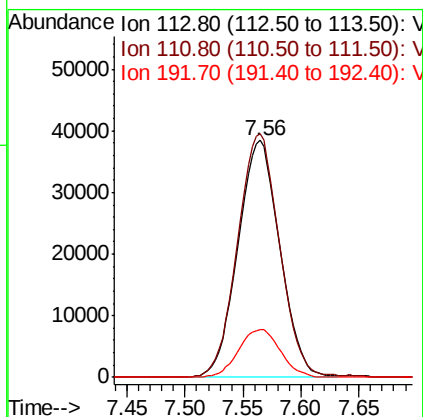
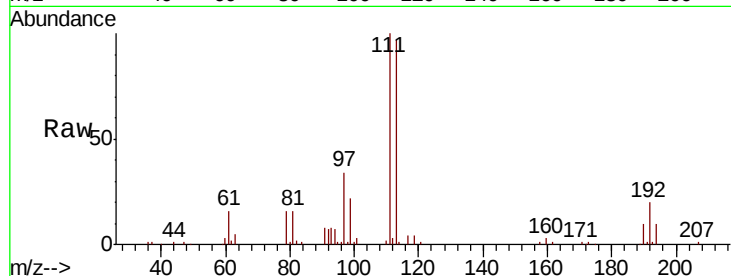




#35
 Dibromofluoromethane
 Concen: 50.898 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

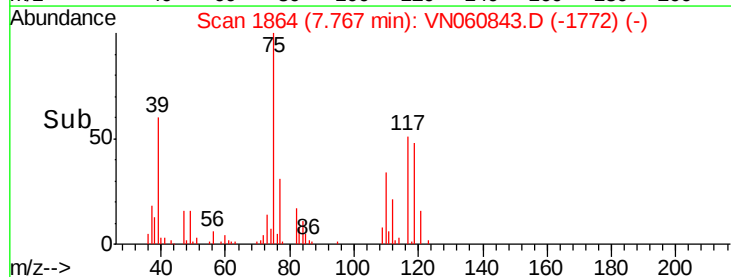
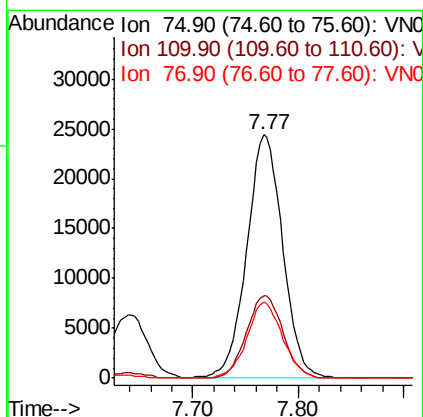
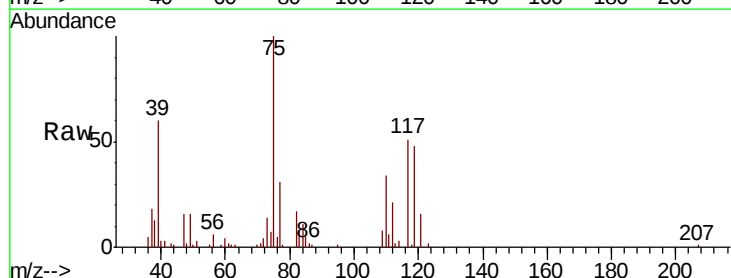
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBSD01

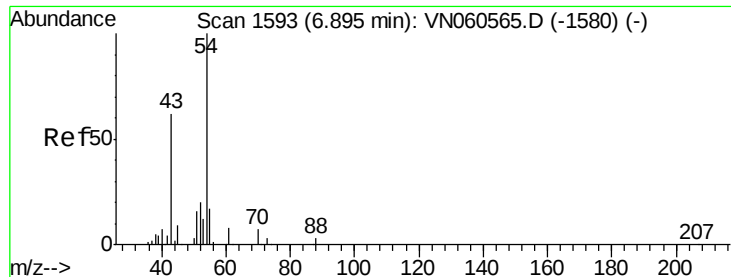
Tot Ion:113 Resp: 96725
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 20.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 19.043 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Tgt Ion: 75 Resp: 57953
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.9 50.6
 77 31.1 24.6 36.8

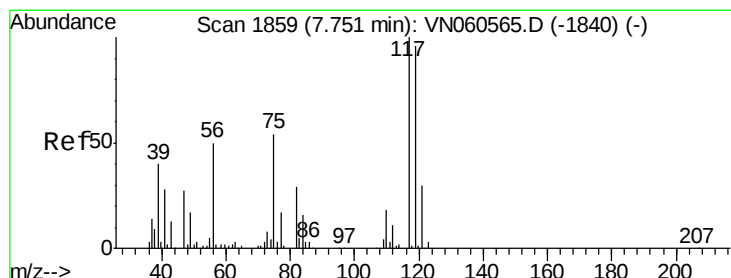
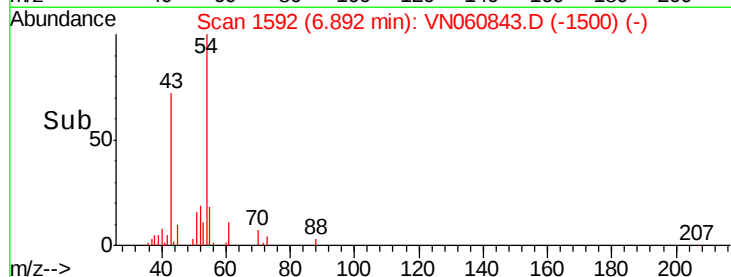
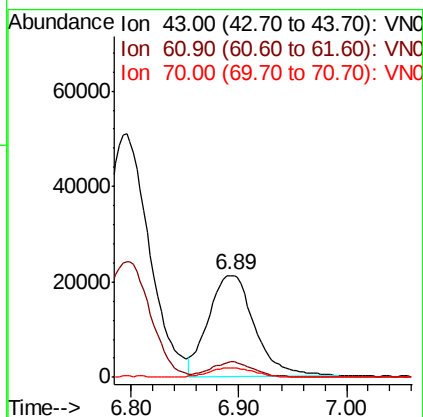
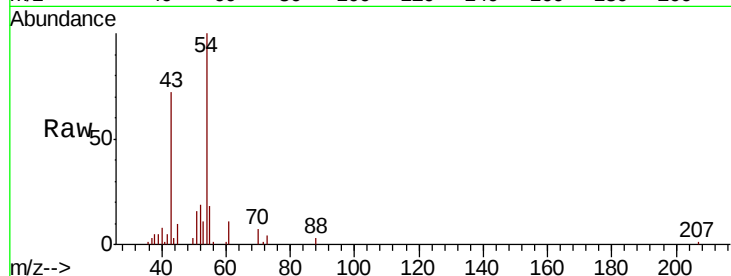




#37
Ethyl Acetate
Concen: 19.093 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

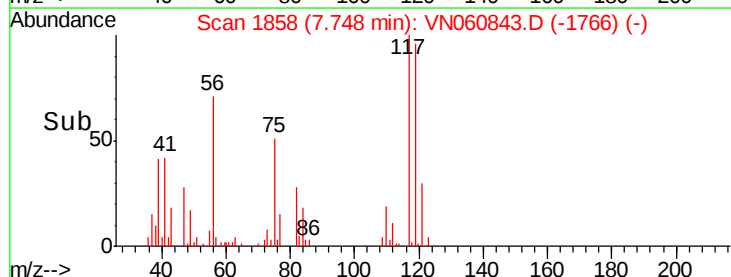
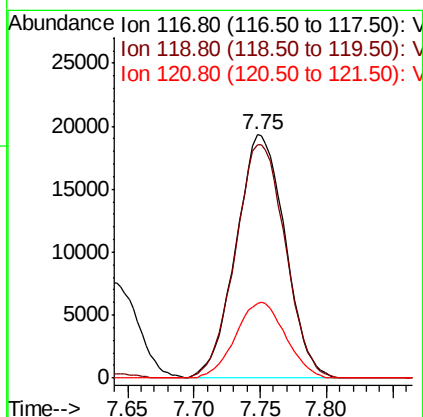
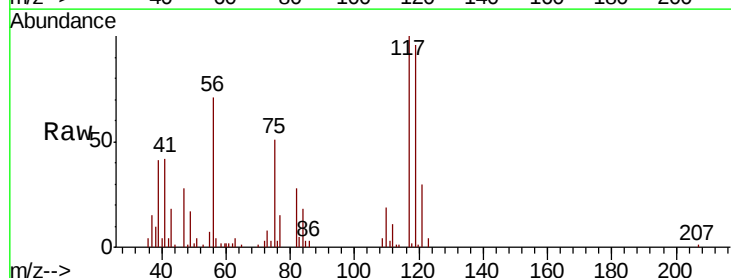
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

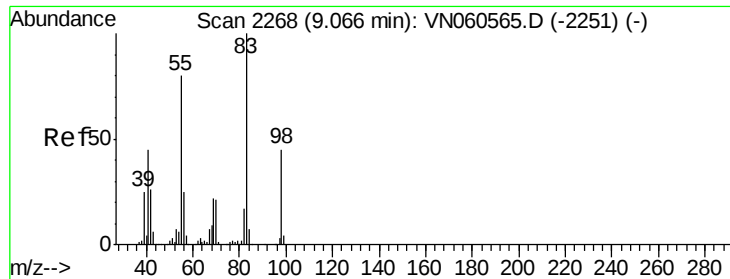
Tot Ion: 43 Resp: 62782
Ion Ratio Lower Upper
43 100
61 14.0 10.6 15.8
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.255 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion: 117 Resp: 49790
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2
121 30.4 23.7 35.5

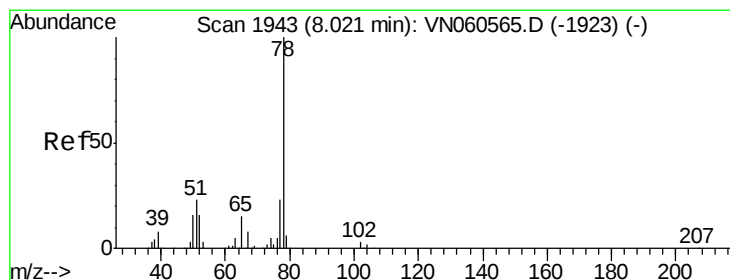
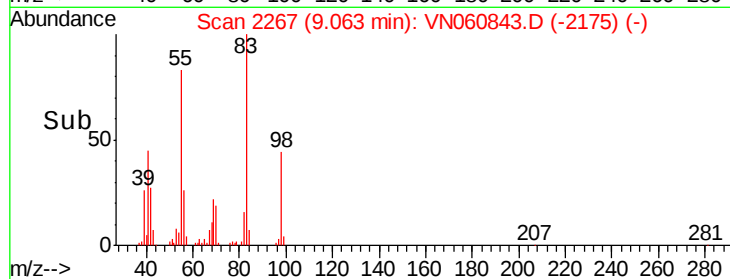
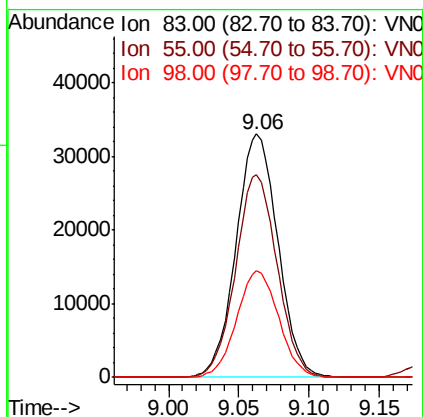
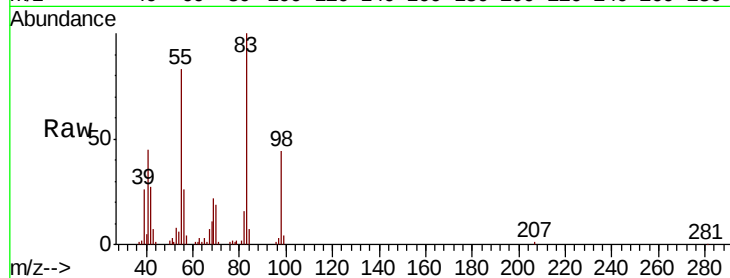




#39
Methvlcvclohexane
Concen: 18.985 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

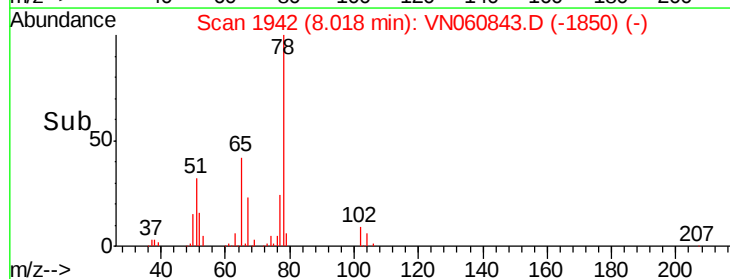
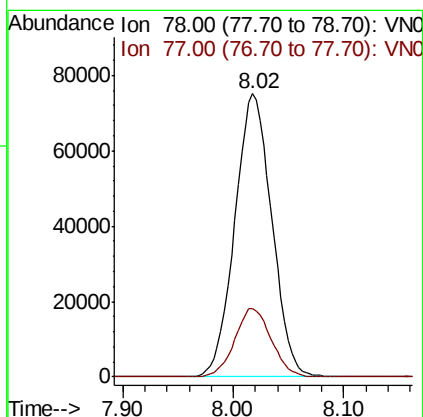
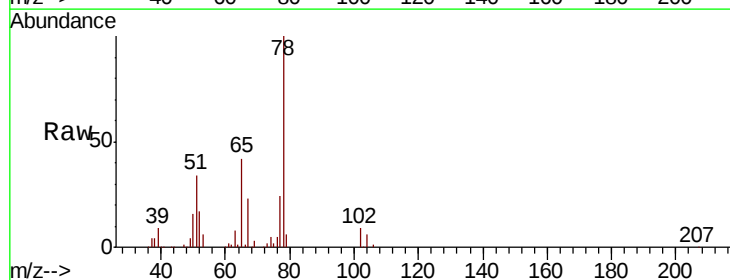
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

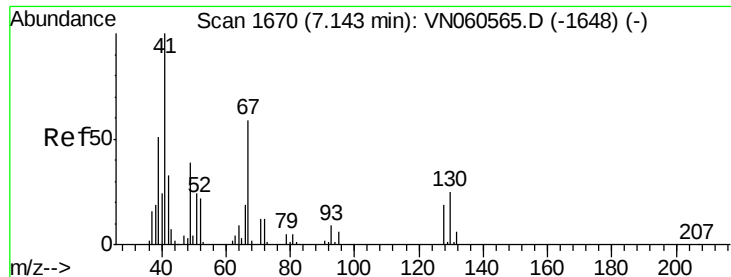
Tot Ion: 83 Resp: 68659
Ion Ratio Lower Upper
83 100
55 83.4 63.6 95.4
98 43.6 36.0 54.0



#40
Benzene
Concen: 18.986 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion: 78 Resp: 174421
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

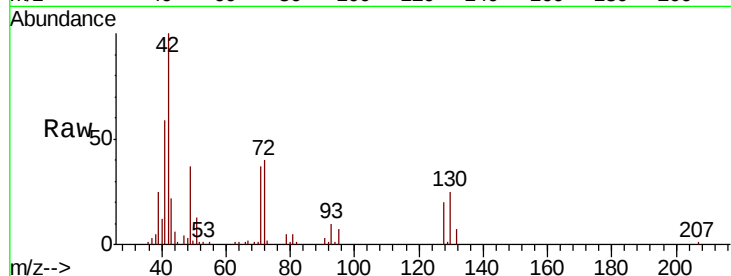




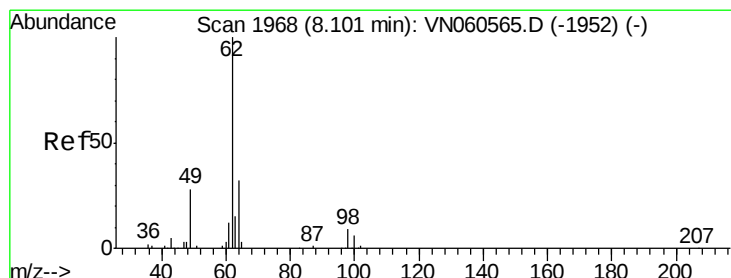
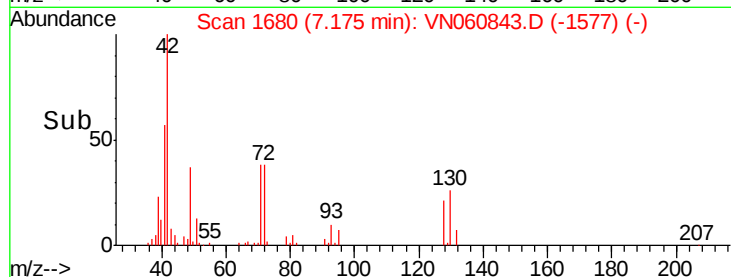
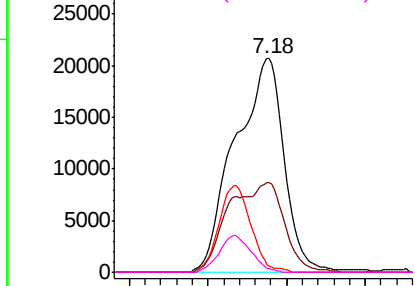
#41
Methacrylonitrile
Concen: 64.383 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

Tot Ion:	41	Resp:	90351
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

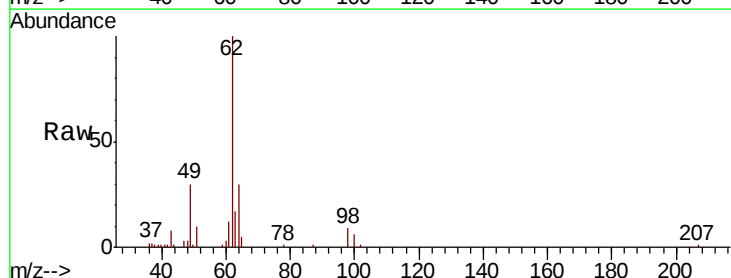


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

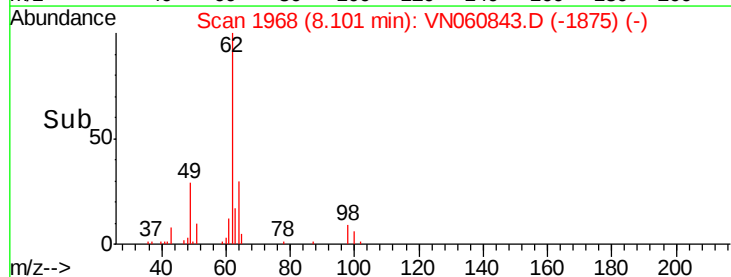
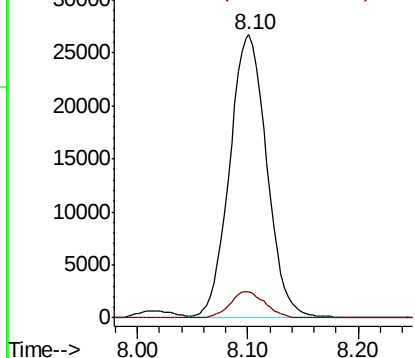


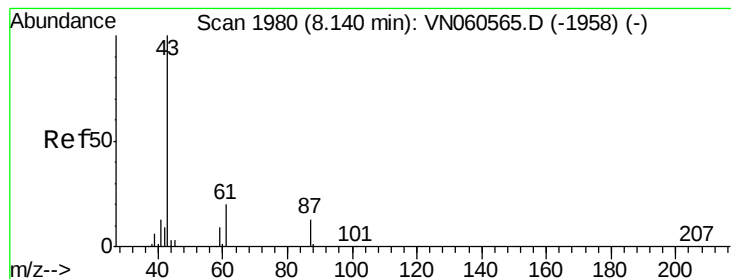
#42
1,2-Dichloroethane
Concen: 19.876 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion:	62	Resp:	62403
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 19.751 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

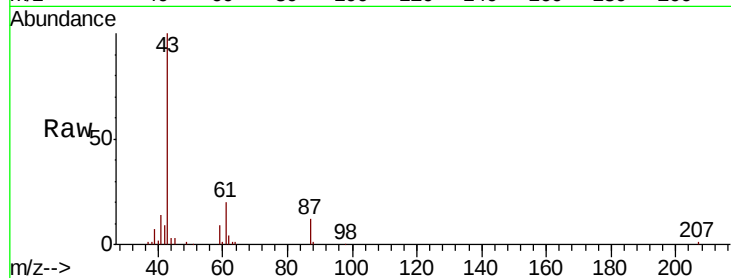
Tot Ion: 43 Resp: 107110

Ion Ratio Lower Upper

43 100

61 25.5 20.7 31.1

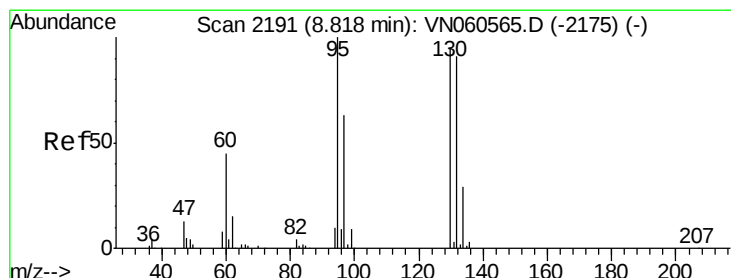
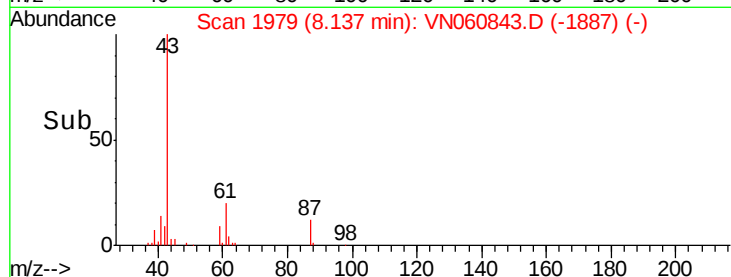
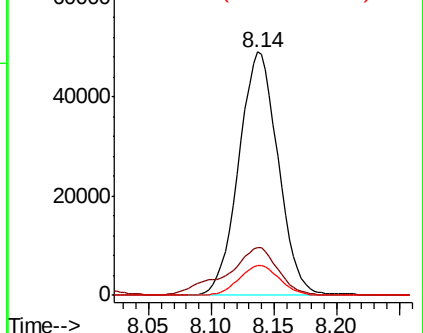
87 12.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 19.376 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060843.D

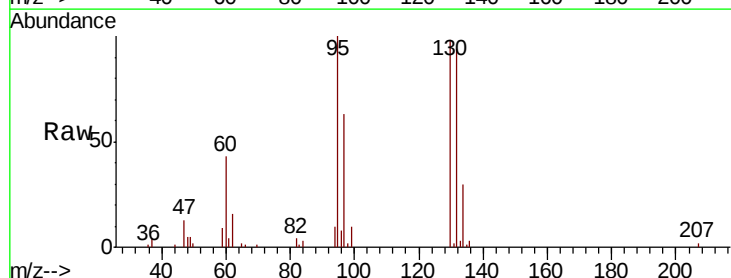
Acq: 6 Apr 2020 12:11

Tgt Ion:130 Resp: 44873

Ion Ratio Lower Upper

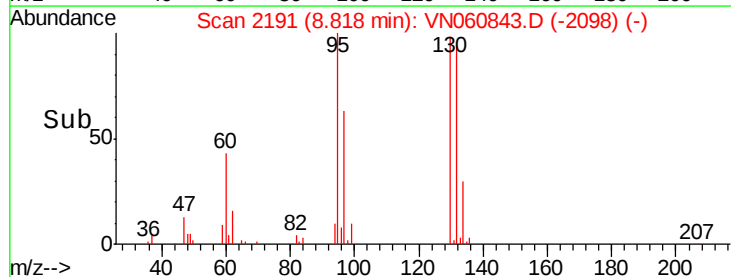
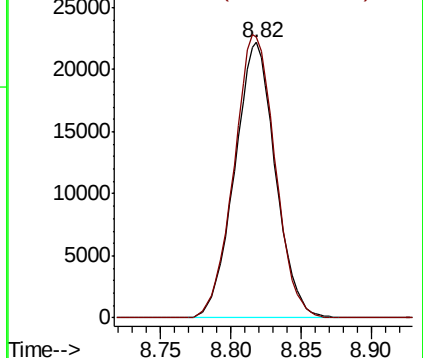
130 100

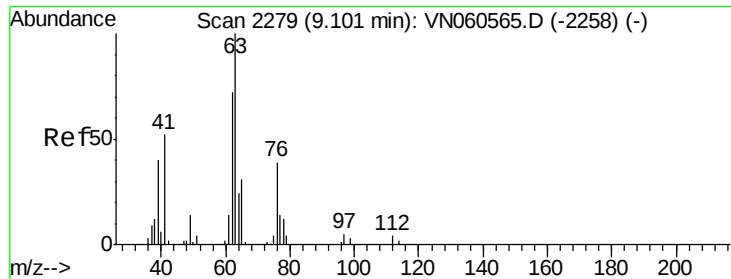
95 102.1 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 20.110 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

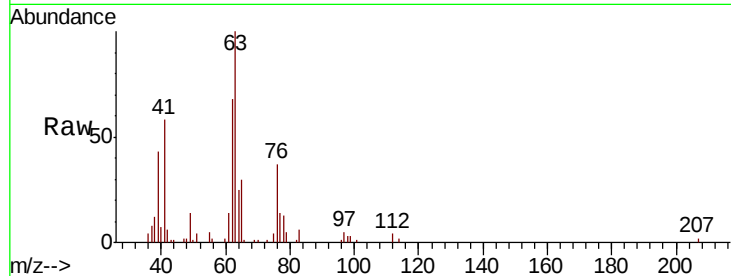
VN0406WBSD01

Tot Ion: 63 Resp: 48748

Ion Ratio Lower Upper

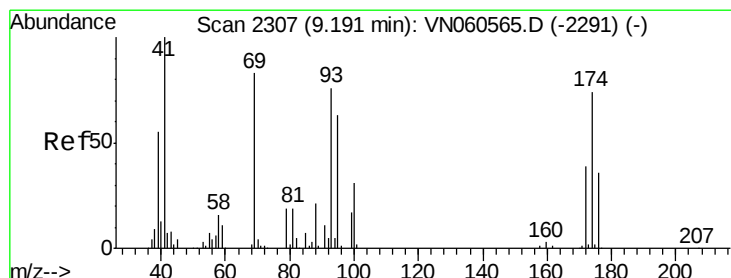
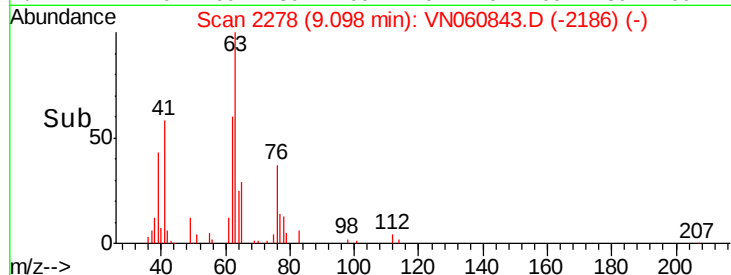
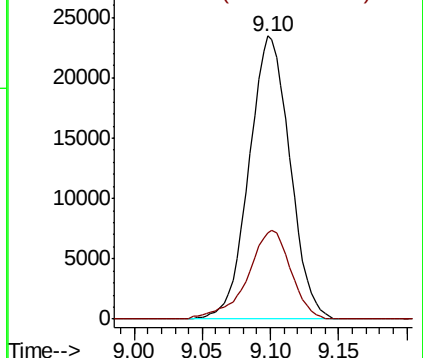
63 100

65 30.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.122 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

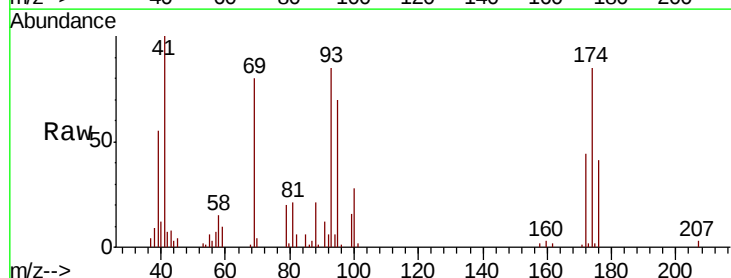
Tgt Ion: 93 Resp: 29488

Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

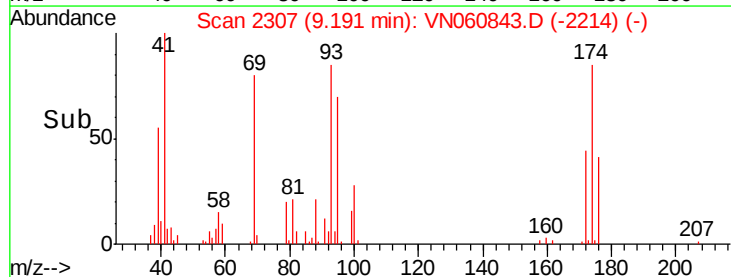
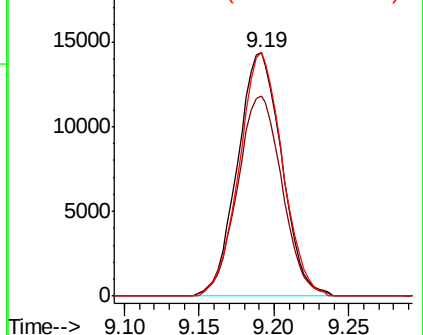
174 97.5 77.9 116.9

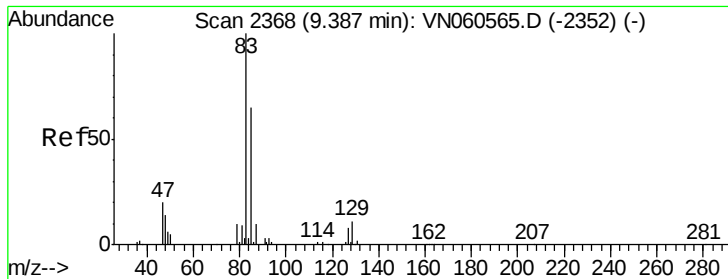


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.286 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

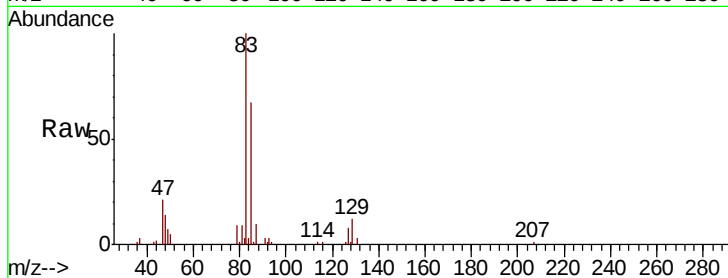
Tot Ion: 83 Resp: 58731

Ion Ratio Lower Upper

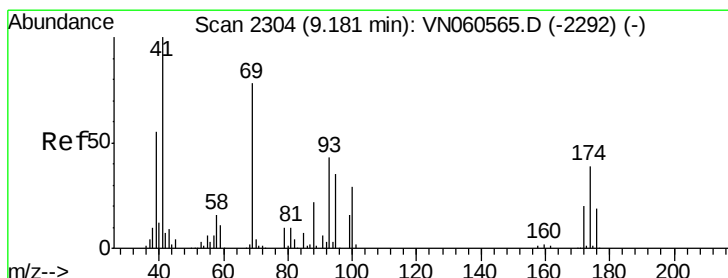
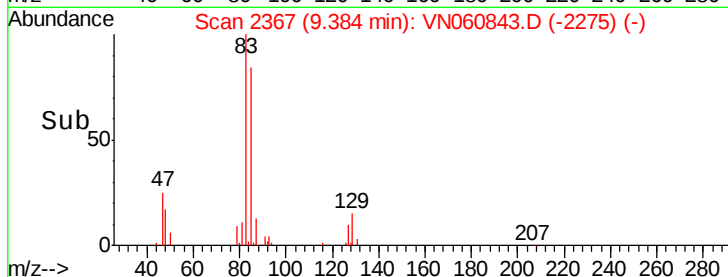
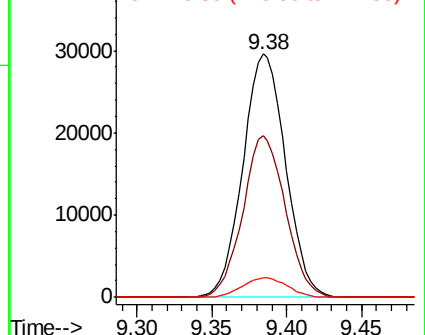
83 100

85 66.7 51.8 77.6

127 8.2 6.5 9.7



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): VN0



#48

Methyl methacrylate

Concen: 19.262 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

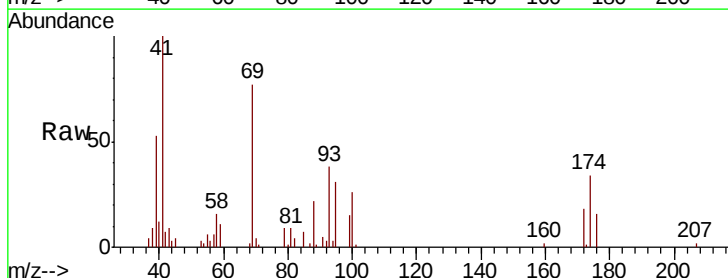
Tgt Ion: 41 Resp: 46508

Ion Ratio Lower Upper

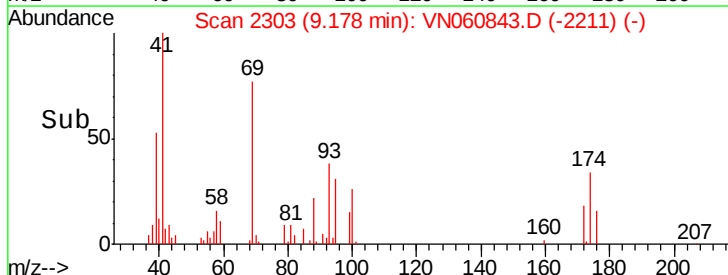
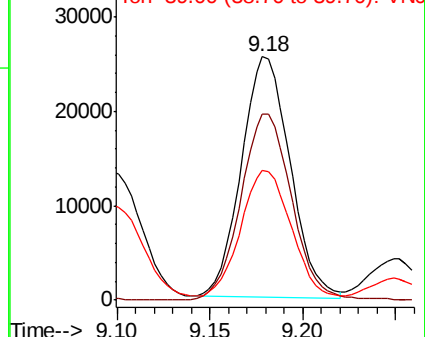
41 100

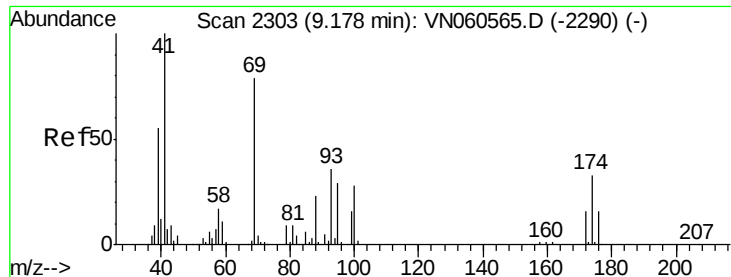
69 81.1 65.4 98.0

39 57.1 44.0 66.0



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

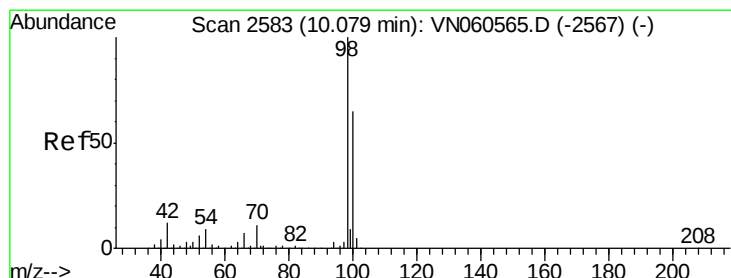
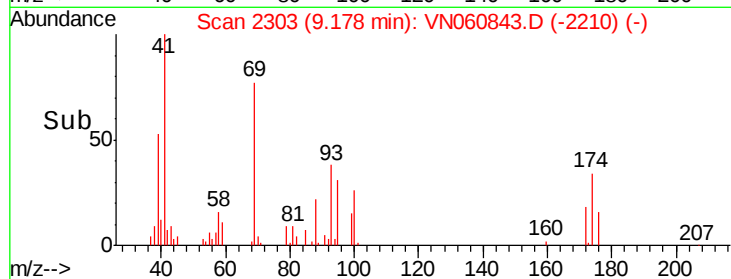
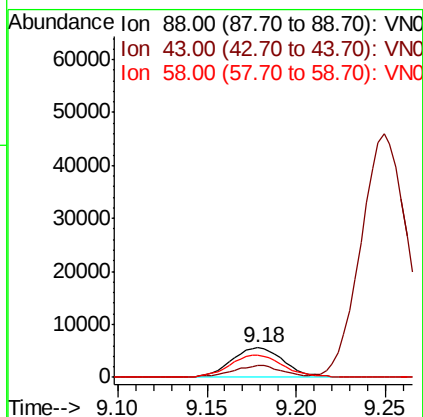
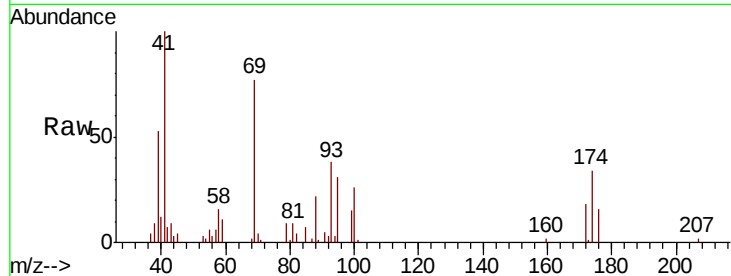




#49
1,4-Dioxane
Concen: 398.451 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

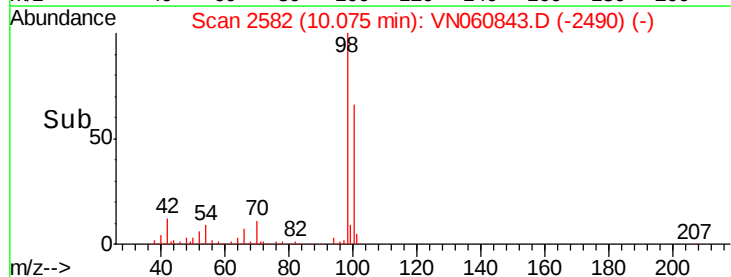
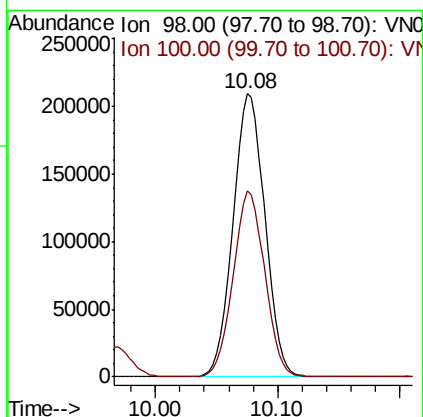
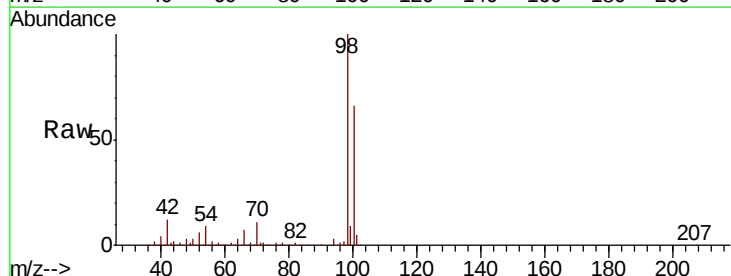
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

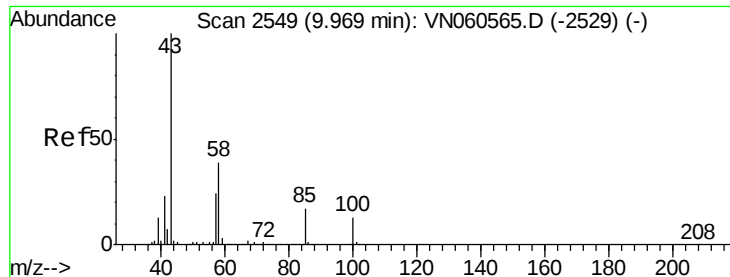
Tot Ion: 88 Resp: 11435
Ion Ratio Lower Upper
88 100
43 38.6 30.8 46.2
58 76.7 59.8 89.8



#50
Toluene-d8
Concen: 48.947 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion: 98 Resp: 379934
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 99.575 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

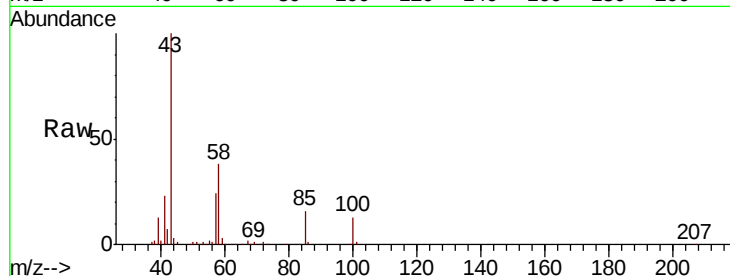
VN0406WBSD01

Tot Ion: 43 Resp: 307280

Ion Ratio Lower Upper

43 100

58 38.3 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-2529) (-)

9.97

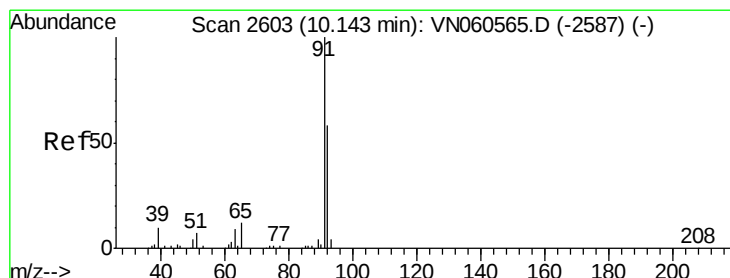
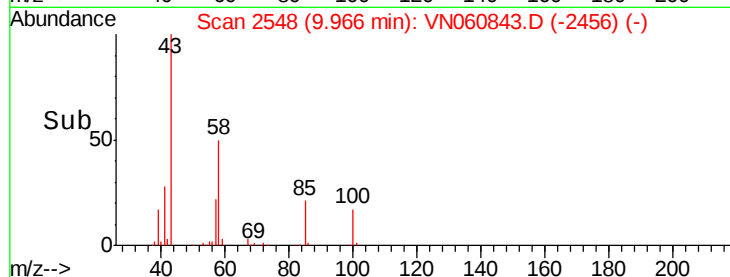
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.230 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060843.D

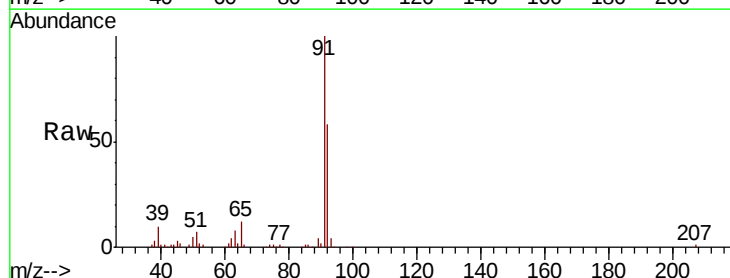
Acq: 6 Apr 2020 12:11

Tgt Ion: 92 Resp: 106691

Ion Ratio Lower Upper

92 100

91 172.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060565.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-2587) (-)

10.14

120000

100000

80000

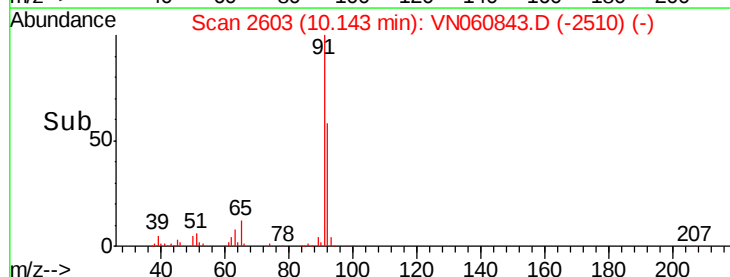
60000

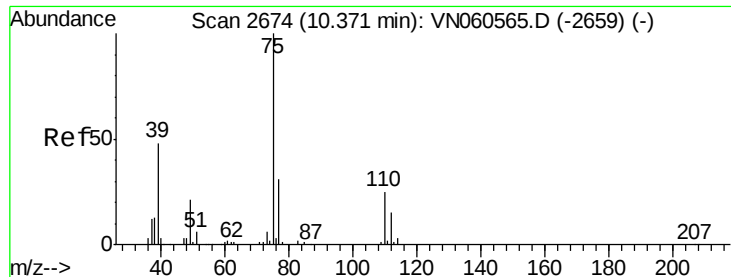
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.992 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

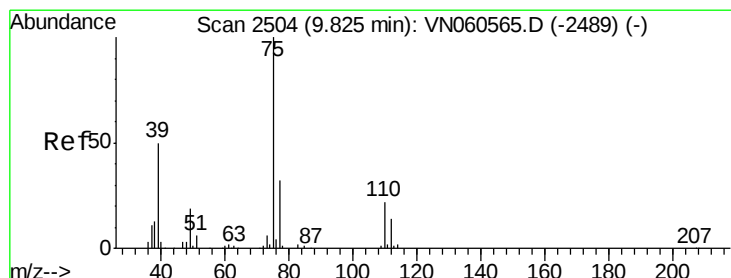
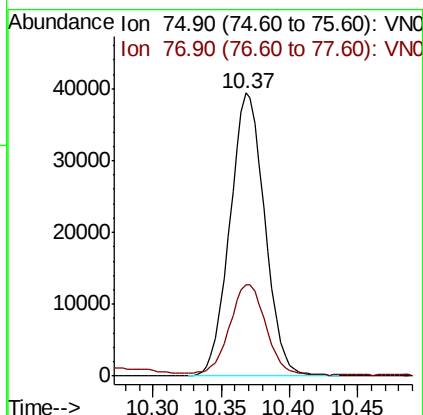
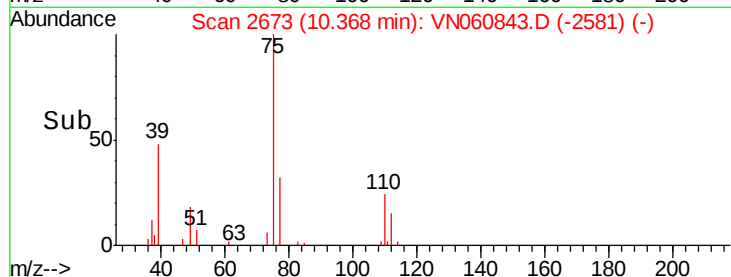
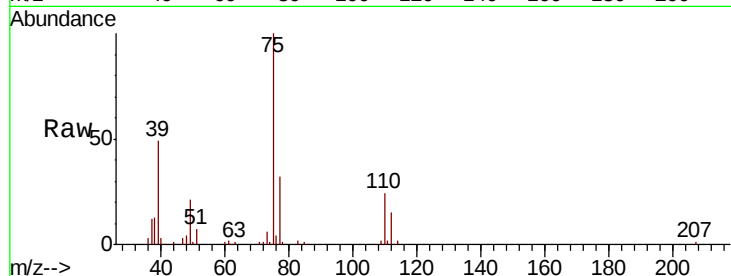
VN0406WBSD01

Tot Ion: 75 Resp: 69934

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.625 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

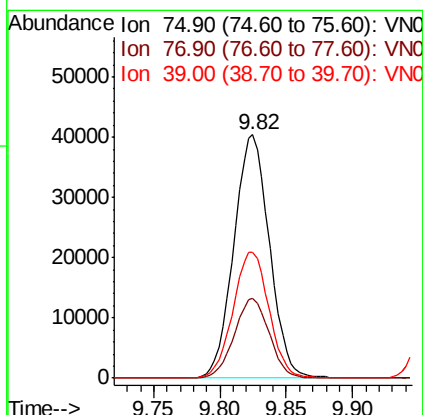
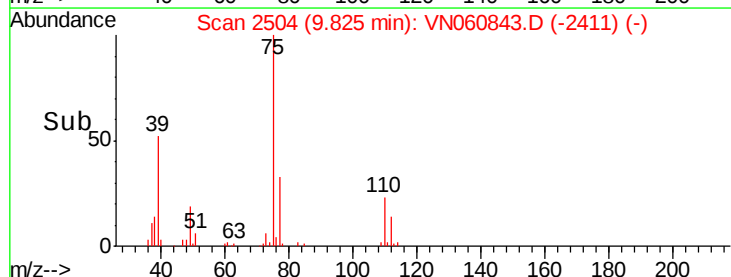
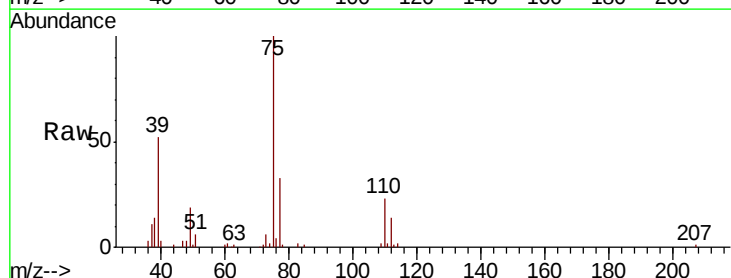
Tgt Ion: 75 Resp: 75313

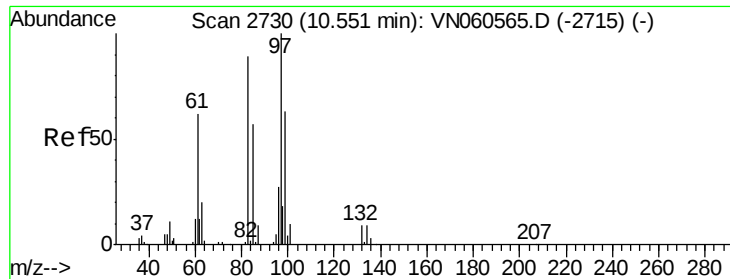
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

39 51.8 40.2 60.4

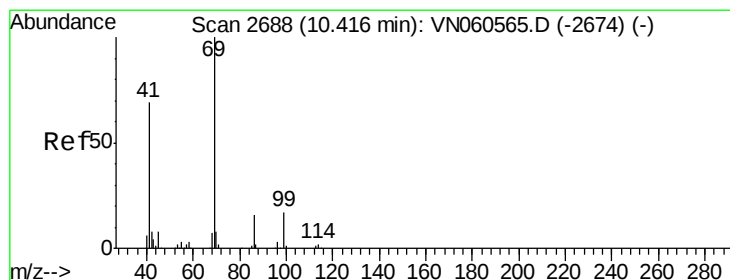
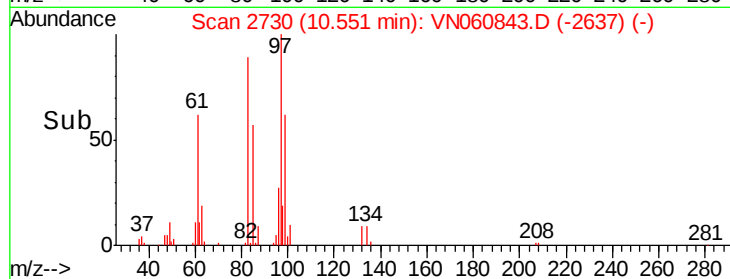
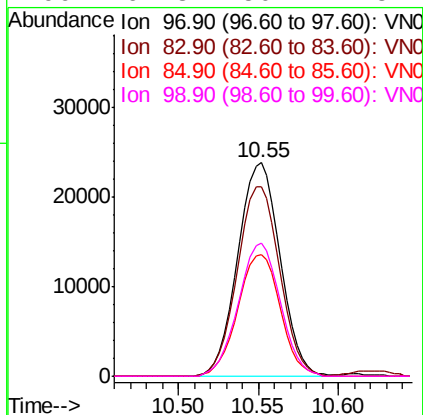
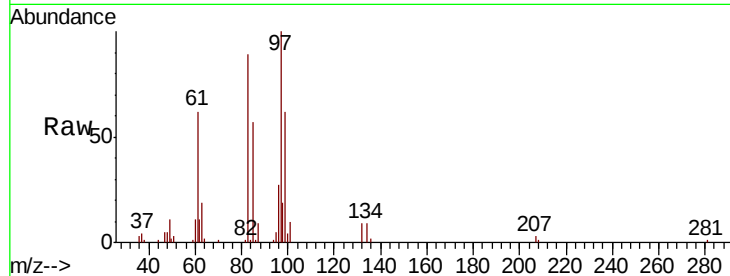




#55
 1,1,2-Trichloroethane
 Concen: 20.182 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

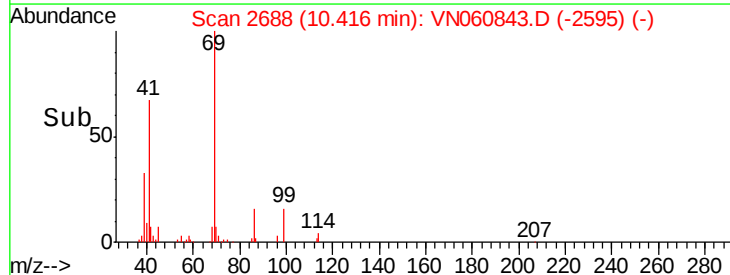
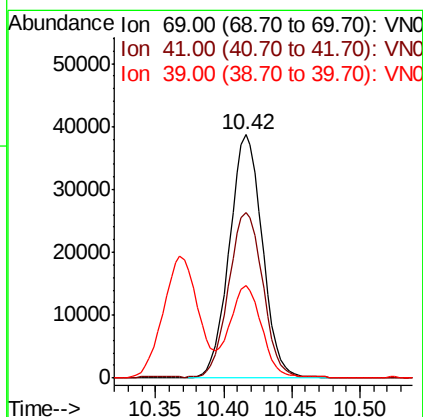
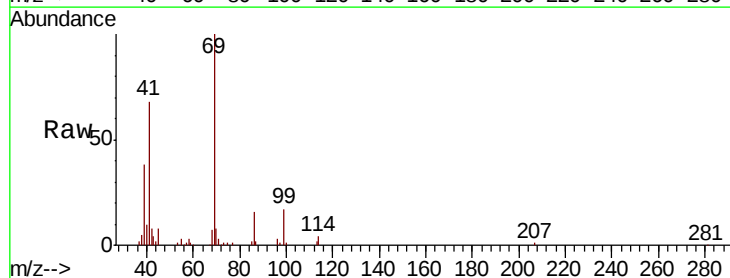
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBSD01

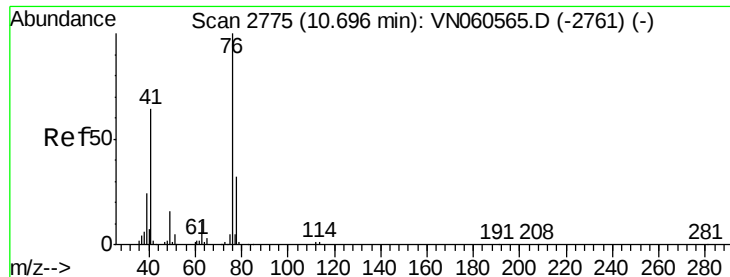
Tot Ion: 97 Resp: 43077
 Ion Ratio Lower Upper
 97 100
 83 88.7 71.3 106.9
 85 57.1 45.2 67.8
 99 62.3 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 19.572 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Tgt Ion: 69 Resp: 65138
 Ion Ratio Lower Upper
 69 100
 41 71.0 55.4 83.2
 39 36.5 29.4 44.0





#57

1,3-Dichloropropane

Concen: 20.107 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

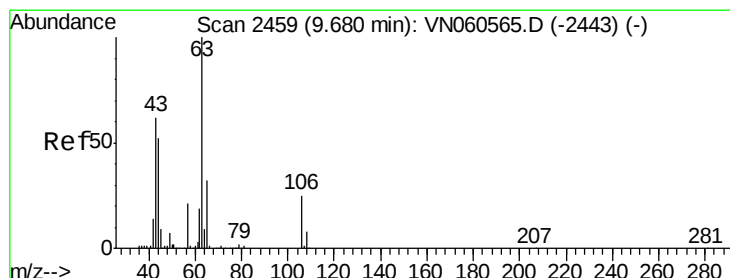
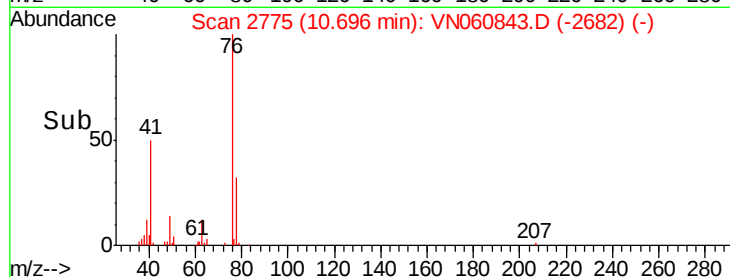
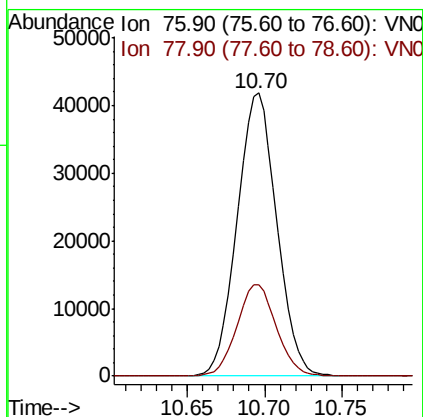
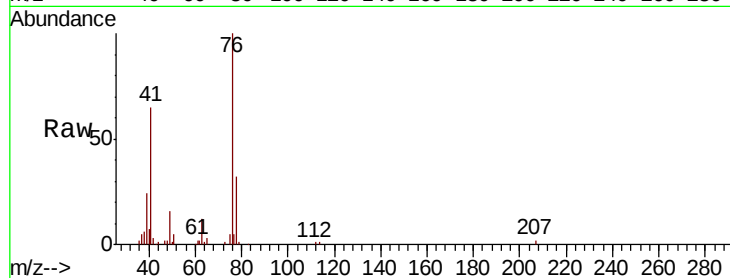
VN0406WBSD01

Tot Ion: 76 Resp: 74474

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 87.539 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060843.D

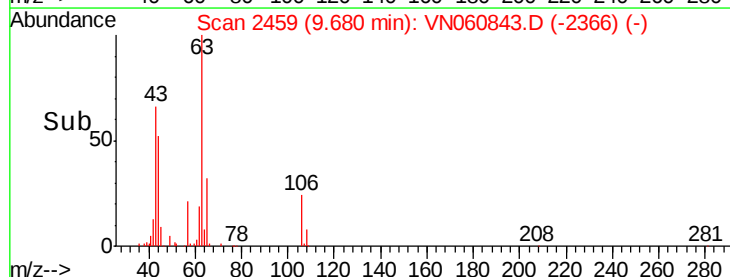
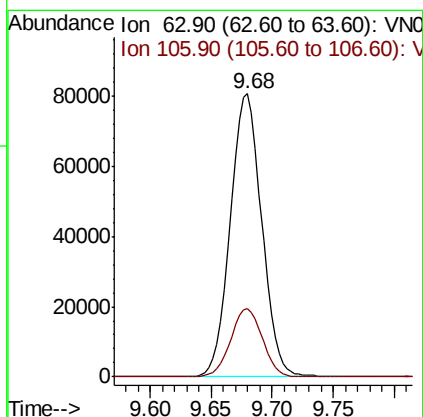
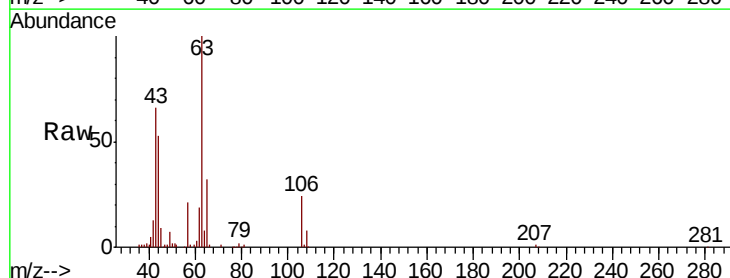
Acq: 6 Apr 2020 12:11

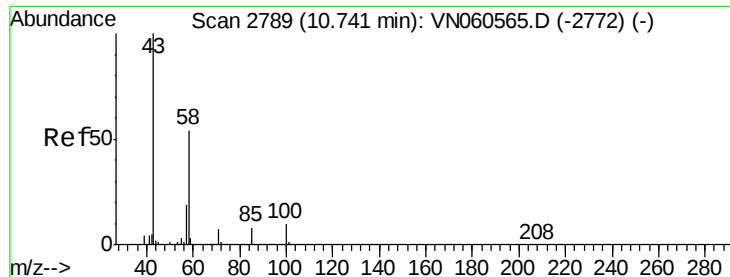
Tgt Ion: 63 Resp: 144799

Ion Ratio Lower Upper

63 100

106 24.3 20.0 30.0

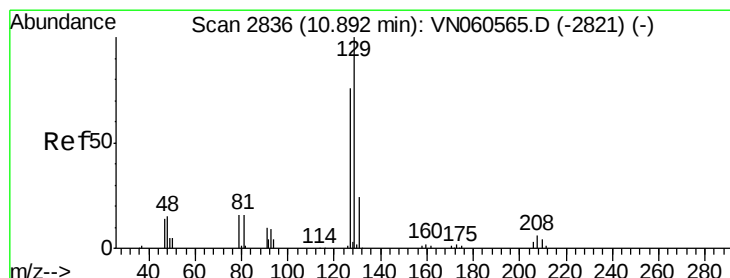
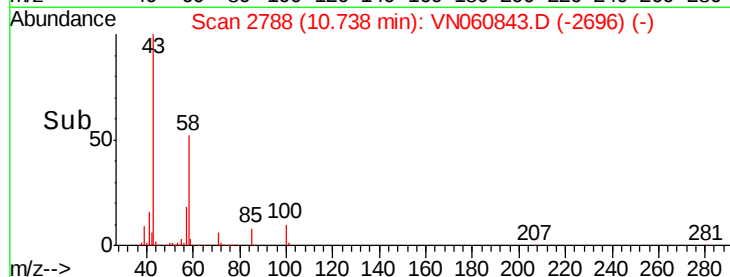
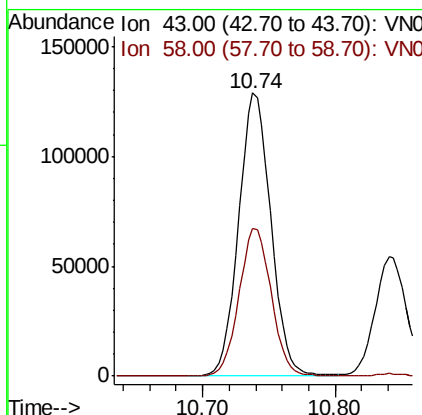
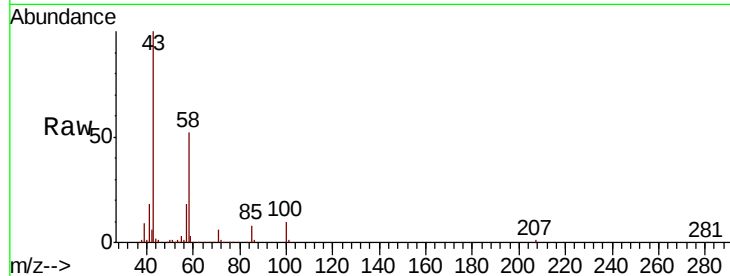




#59
2-Hexanone
Concen: 97.954 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

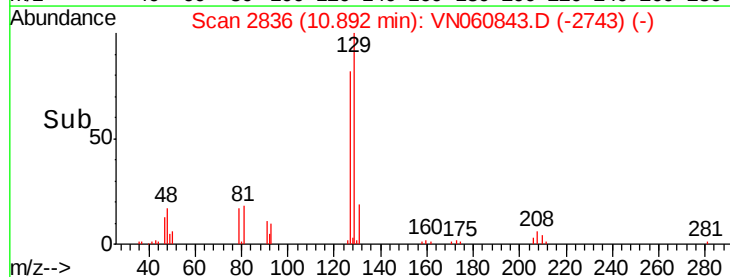
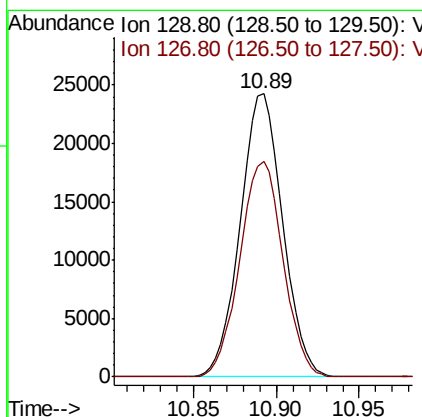
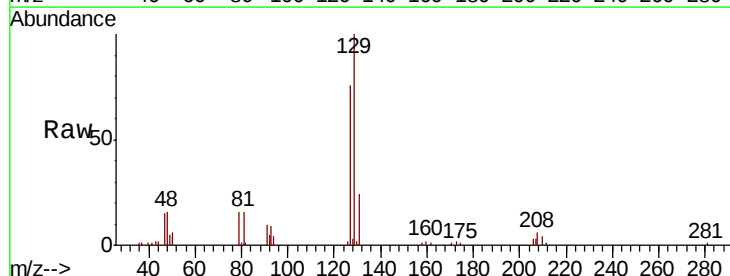
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

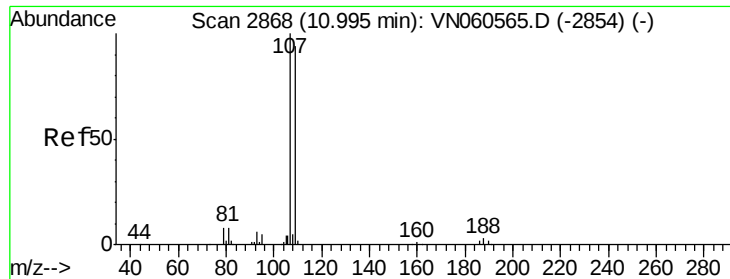
Tot Ion: 43 Resp: 217746
Ion Ratio Lower Upper
43 100
58 52.4 26.7 80.1



#60
Dibromochloromethane
Concen: 19.585 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion: 129 Resp: 43181
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

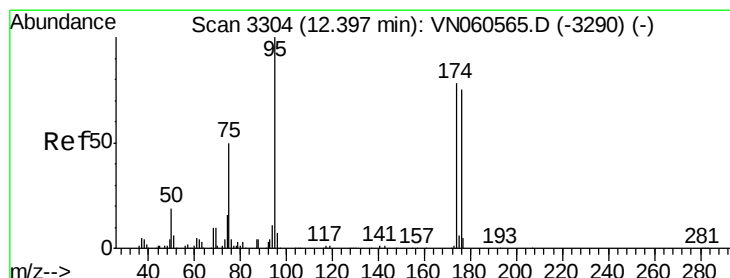
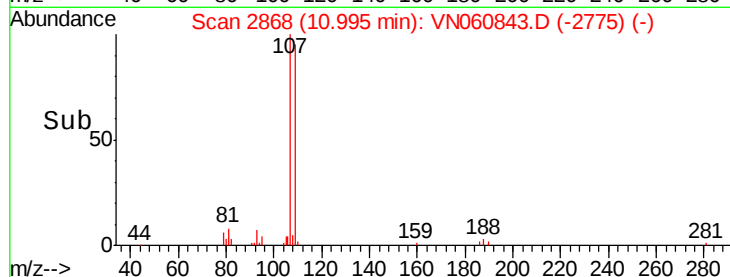
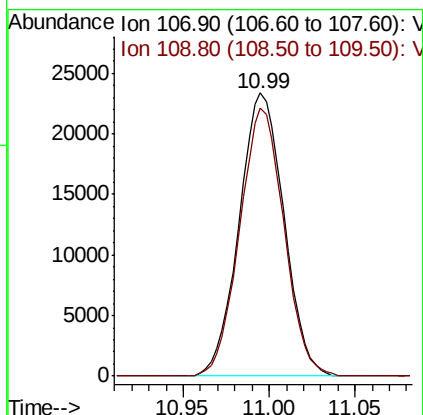
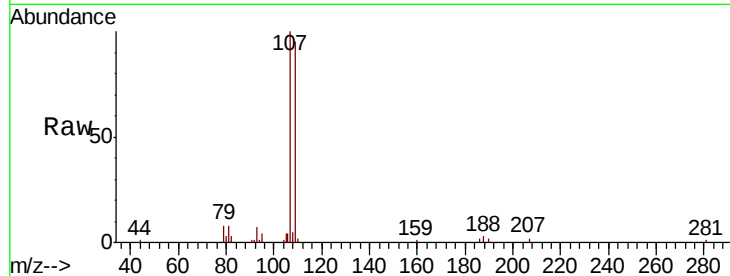




#61
 1,2-Dibromoethane
 Concen: 19.676 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

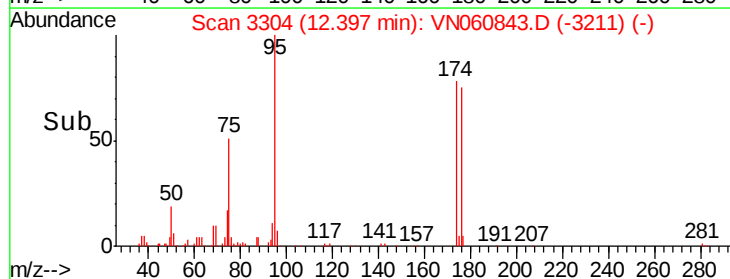
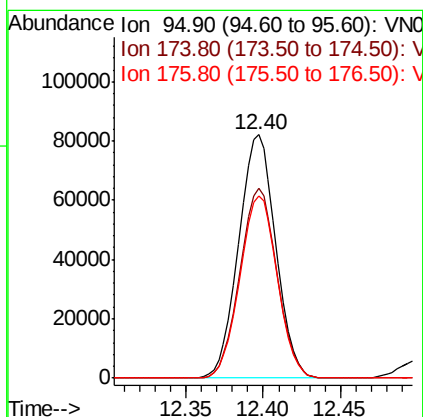
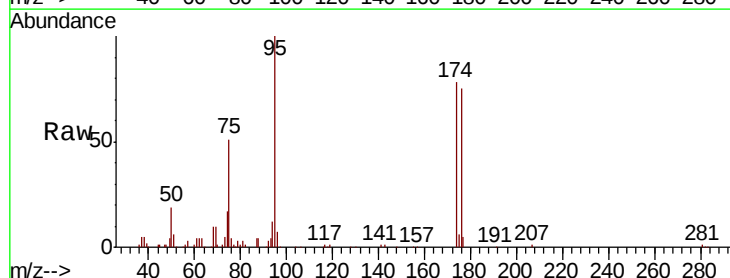
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBSD01

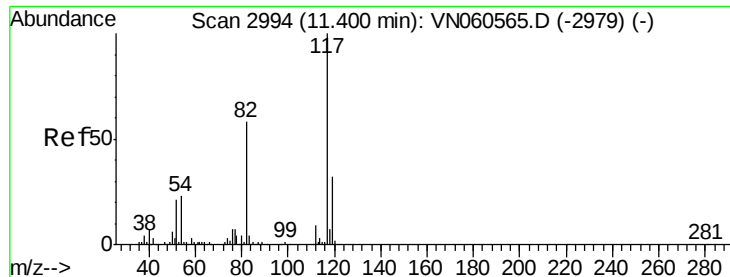
Tot Ion:107 Resp: 42231
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 48.043 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Tgt Ion: 95 Resp: 136669
 Ion Ratio Lower Upper
 95 100
 174 78.3 0.0 157.6
 176 75.6 0.0 150.6

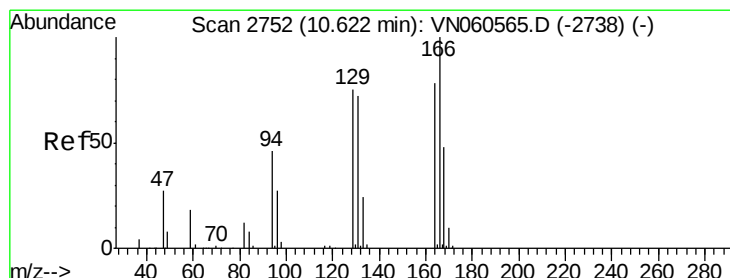
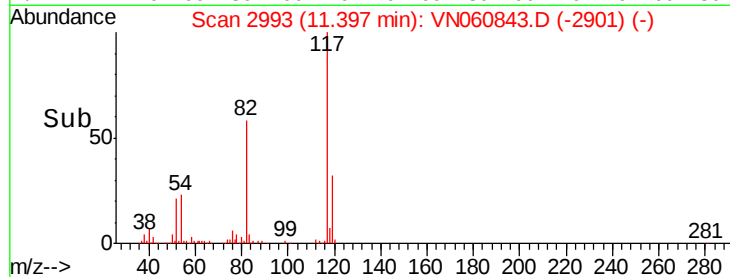
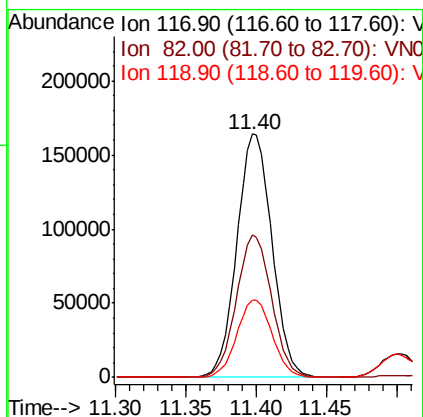
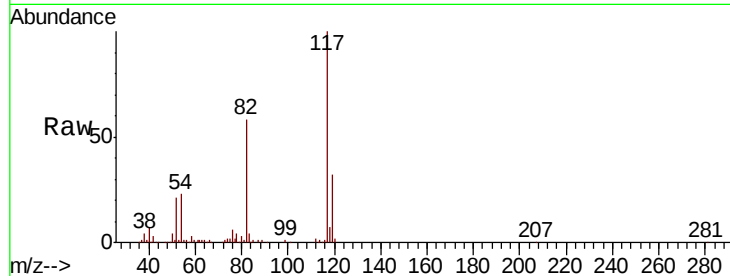




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

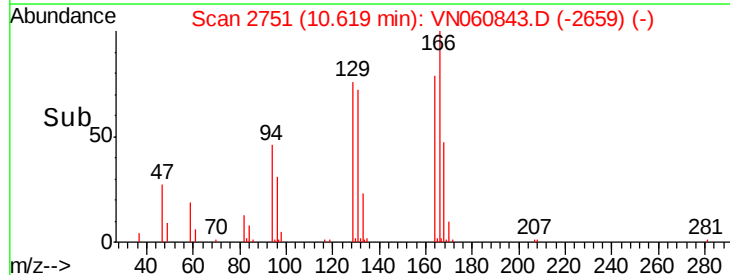
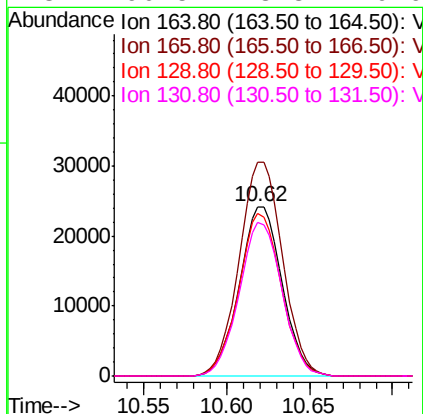
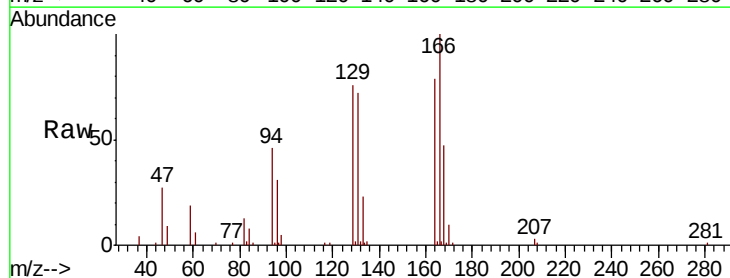
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

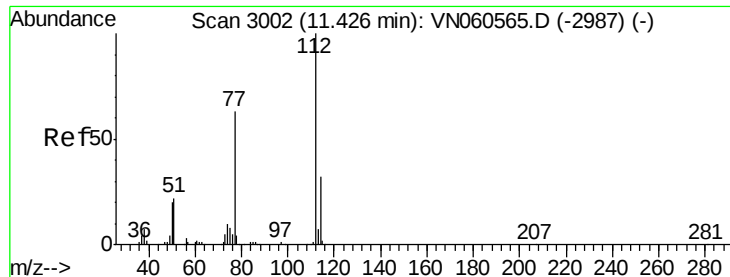
Tot Ion:117 Resp: 286507
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 19.195 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion:164 Resp: 43276
Ion Ratio Lower Upper
164 100
166 125.9 102.7 154.1
129 96.0 77.2 115.8
131 90.5 73.8 110.6





#65

Chlorobenzene

Concen: 19.228 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

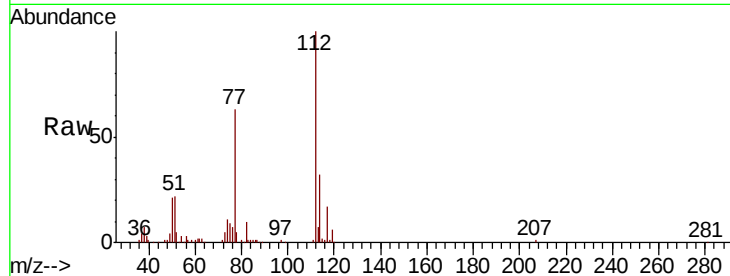
VN0406WBSD01

Tot Ion:112 Resp: 109210

Ion Ratio Lower Upper

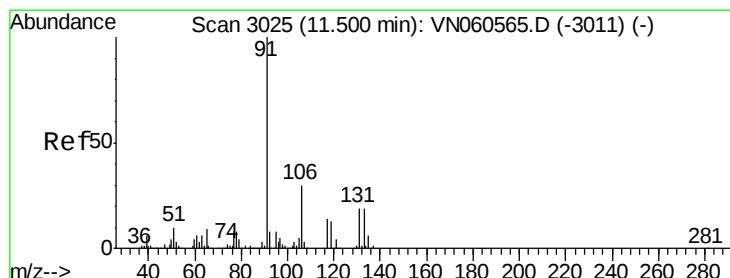
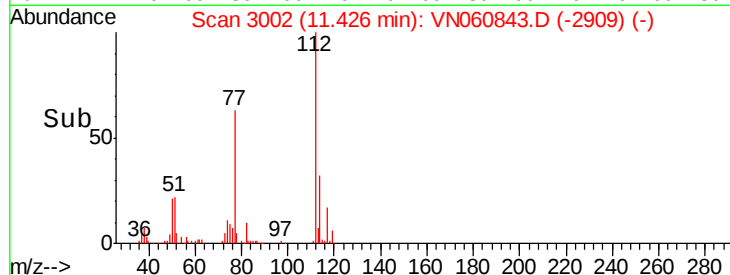
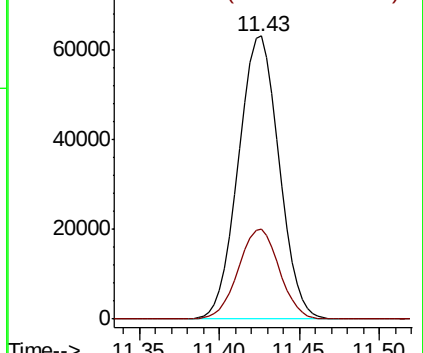
112 100

114 31.6 25.8 38.6



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: 19.481 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

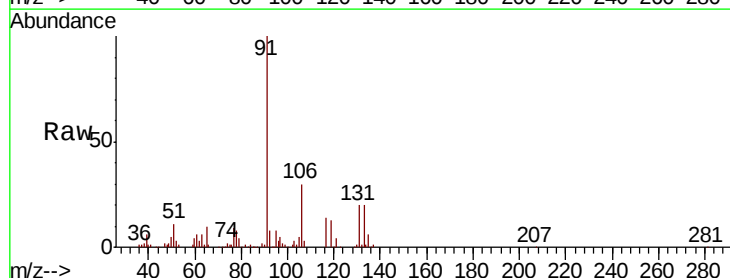
Tgt Ion:131 Resp: 40061

Ion Ratio Lower Upper

131 100

133 99.6 48.9 146.8

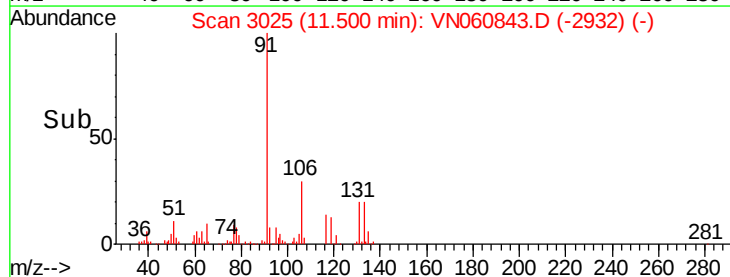
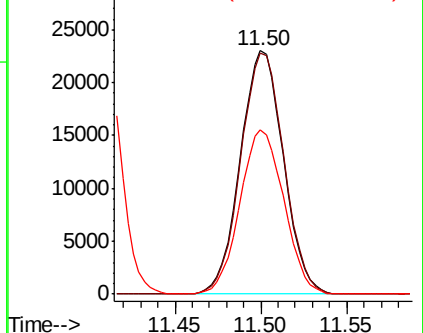
119 68.9 33.9 101.7

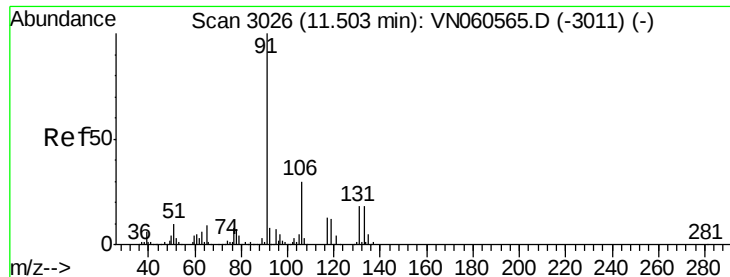


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.404 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

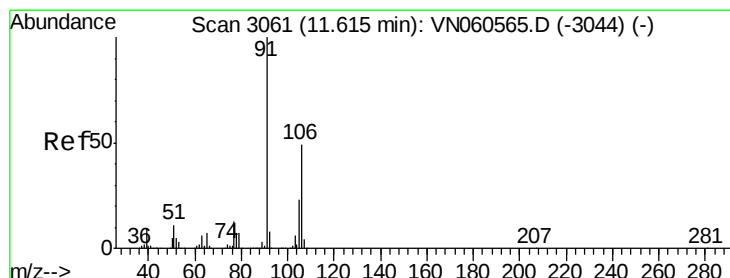
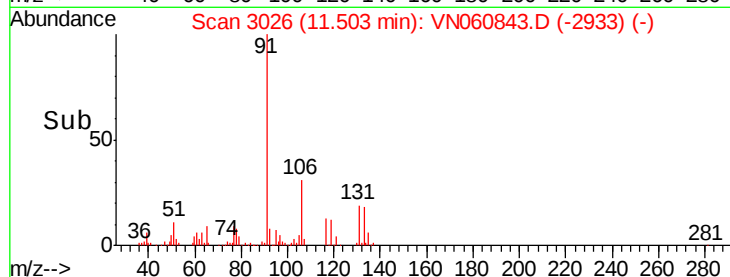
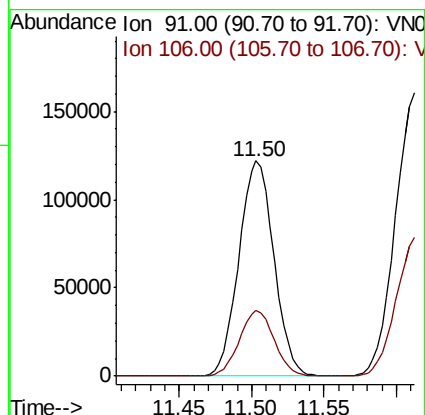
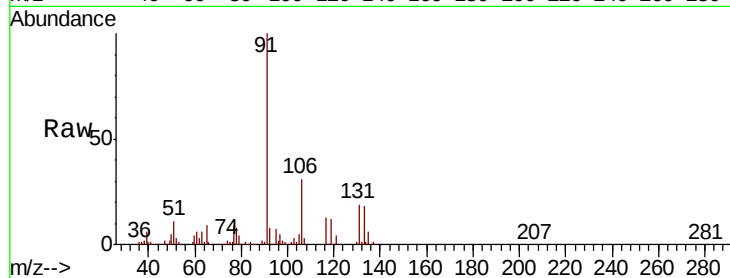
VN0406WBSD01

Tot Ion: 91 Resp: 204955

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.2



#68

m/p-Xylenes

Concen: 38.501 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060843.D

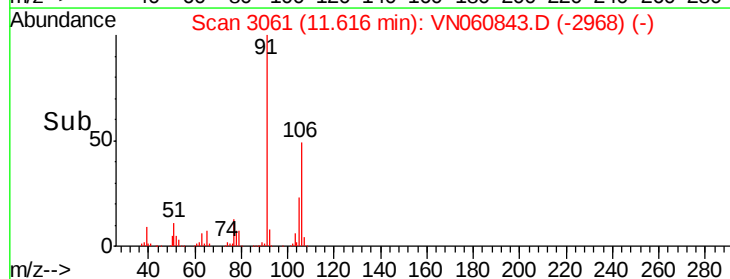
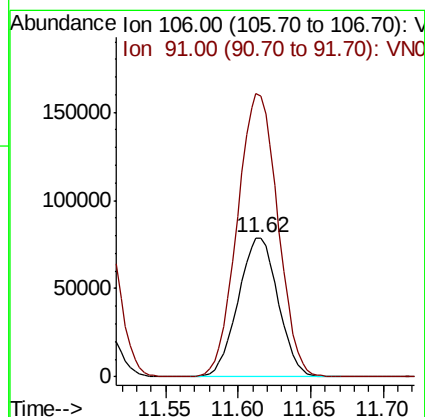
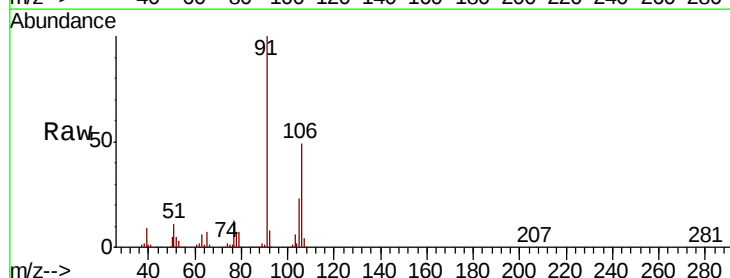
Acq: 6 Apr 2020 12:11

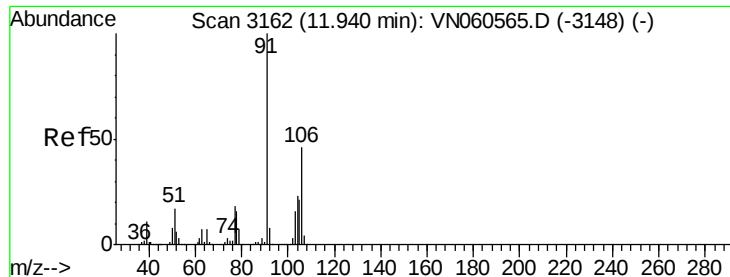
Tgt Ion: 106 Resp: 151116

Ion Ratio Lower Upper

106 100

91 206.2 165.0 247.4

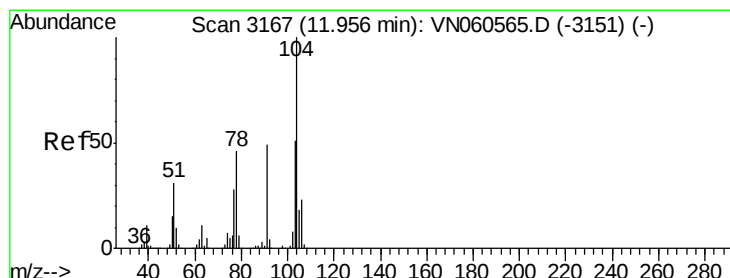
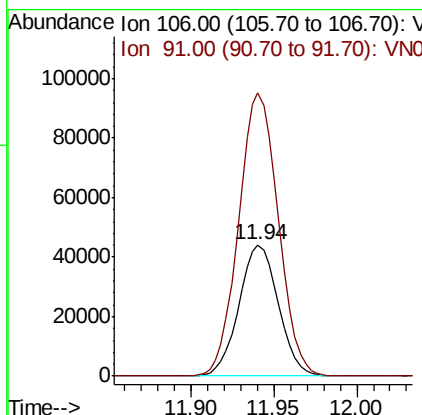
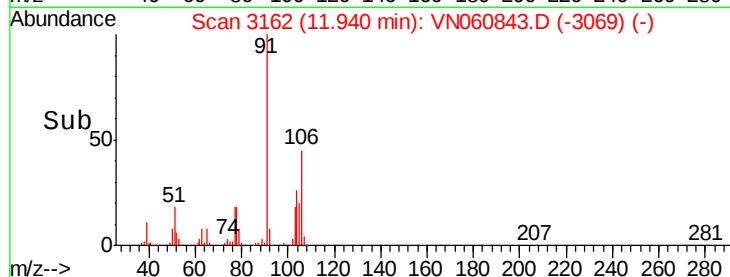
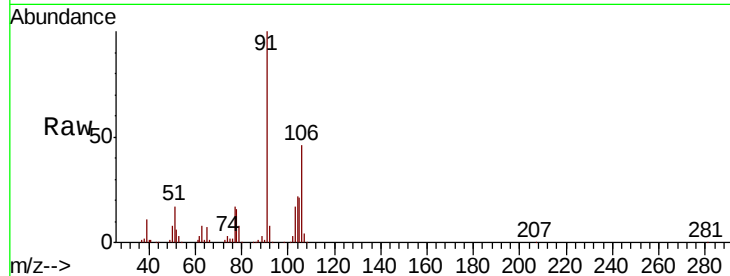




#69
o-Xylene
Concen: 19.407 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

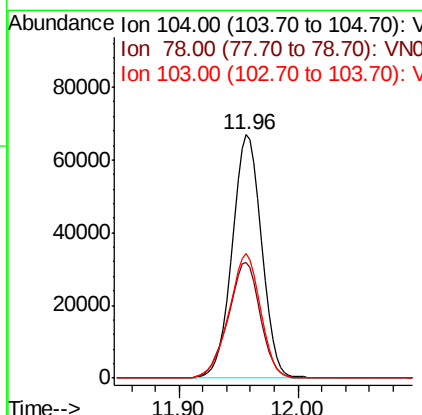
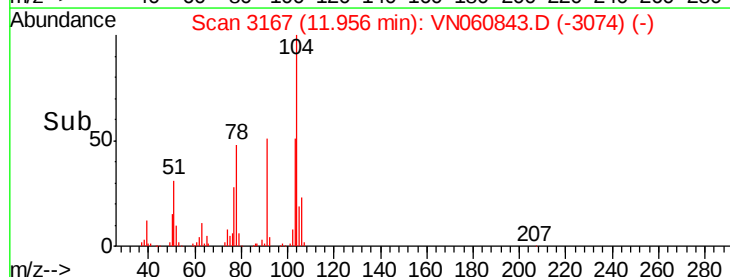
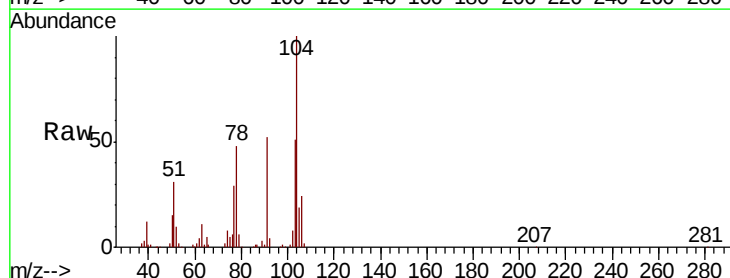
Instrument :
MSVOA_N
ClientSampled :
VN0406WBSD01

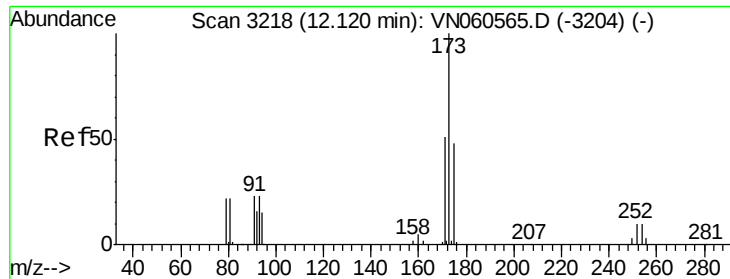
Tot Ion:106 Resp: 72715
Ion Ratio Lower Upper
106 100
91 217.8 109.5 328.4



#70
Styrene
Concen: 18.746 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion:104 Resp: 114876
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 54.8 44.0 66.0

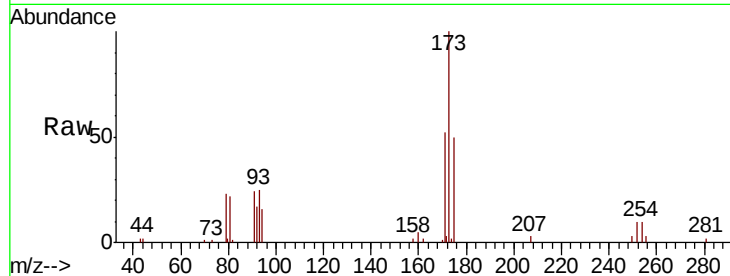




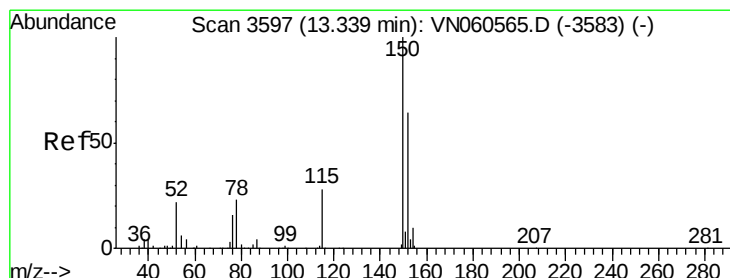
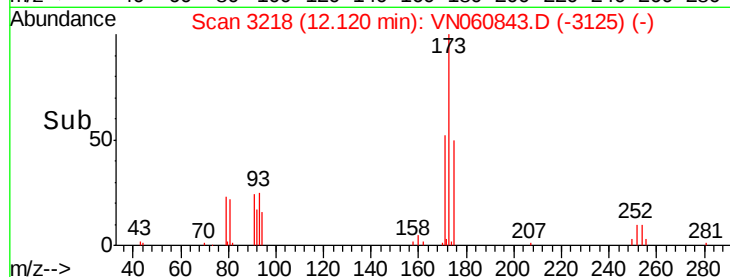
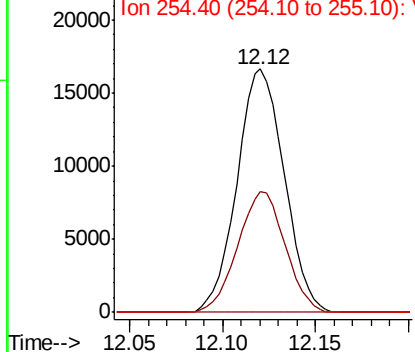
#71
Bromoform
Concen: 18.303 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Instrument :
MSVOA_N
ClientSampled :
VN0406WBSD01

Tot Ion:173 Resp: 29398
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.0 0.0 0.0

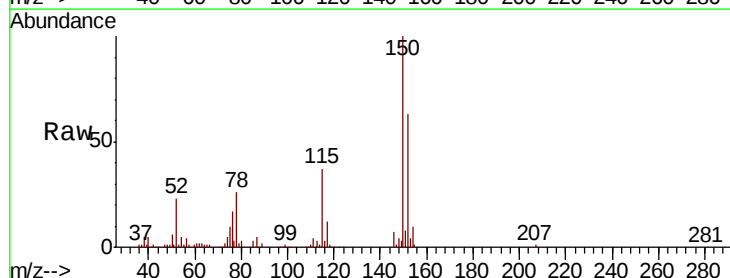


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

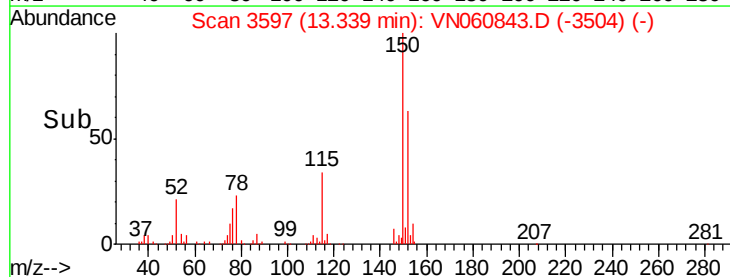
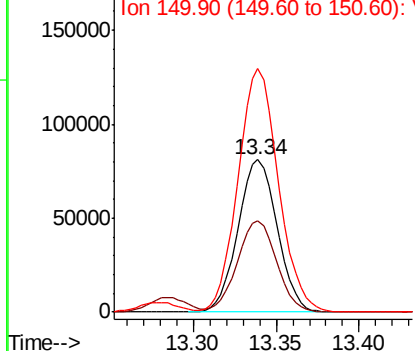


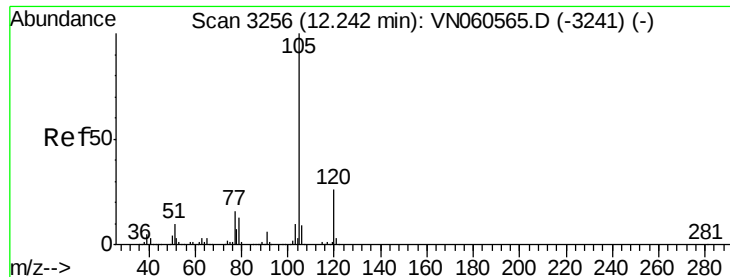
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion:152 Resp: 133429
Ion Ratio Lower Upper
152 100
115 59.8 30.2 90.6
150 164.4 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.386 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

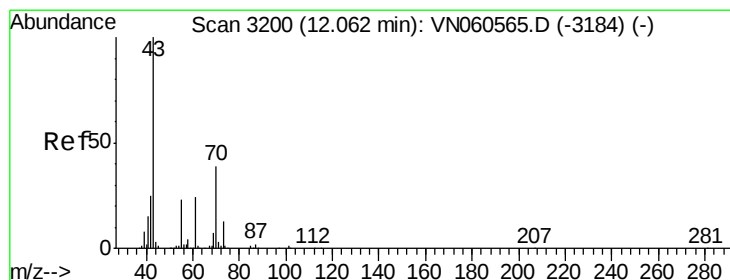
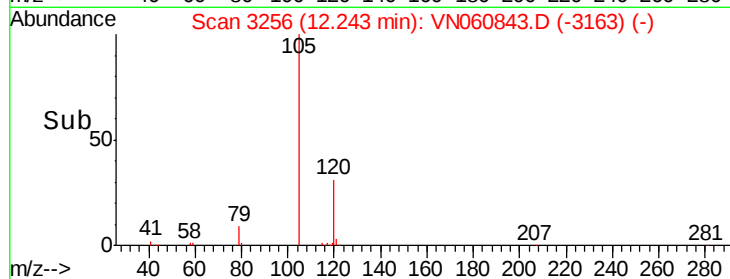
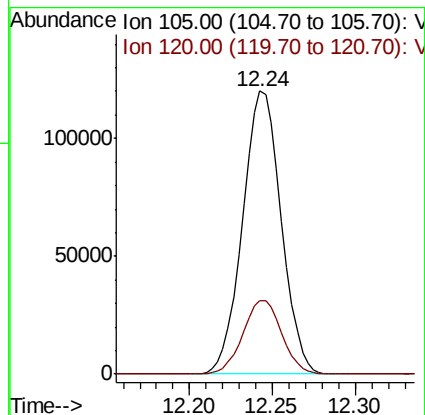
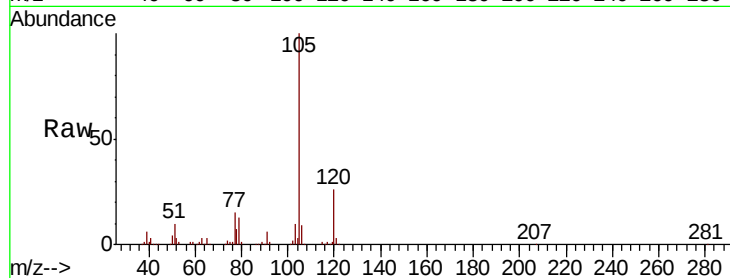
VN0406WBSD01

Tot Ion: 105 Resp: 194113

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 19.224 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Tgt Ion: 43 Resp: 88948

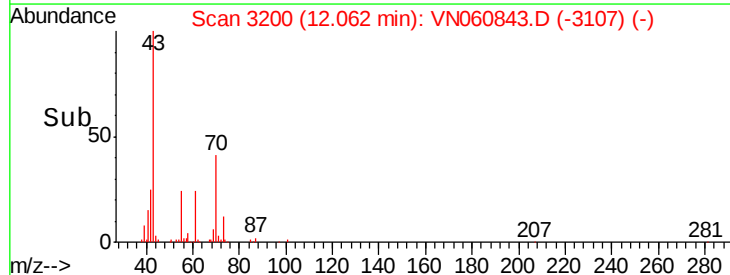
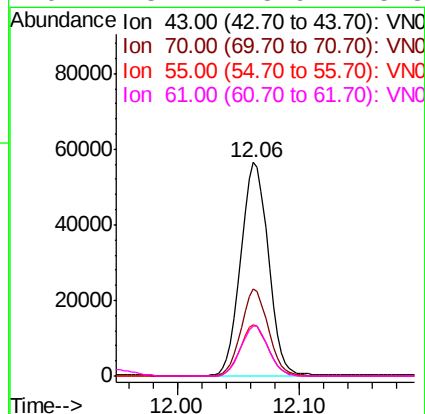
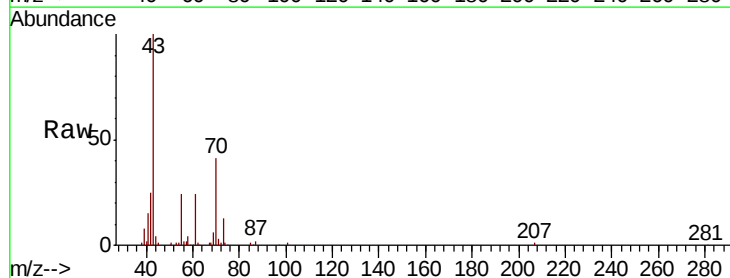
Ion Ratio Lower Upper

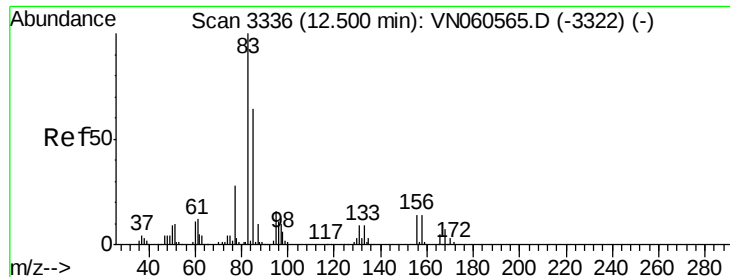
43 100

70 39.3 31.1 46.7

55 23.9 18.6 27.8

61 23.2 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.609 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

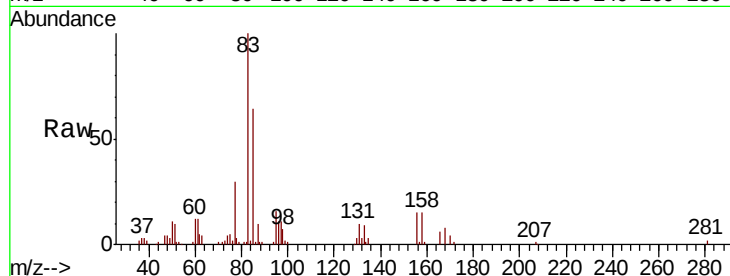
Tot Ion: 83 Resp: 59377

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

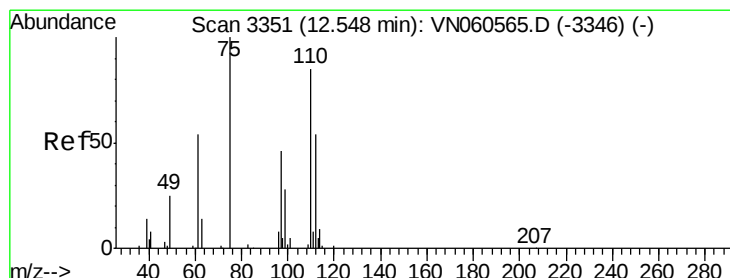
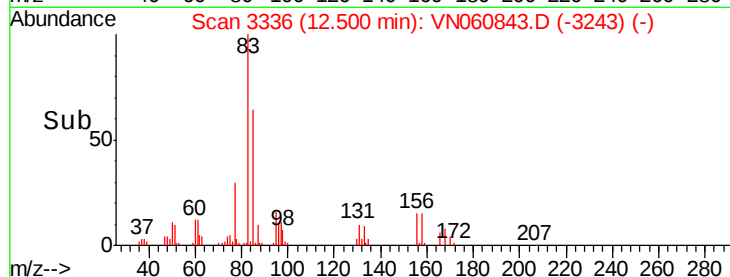
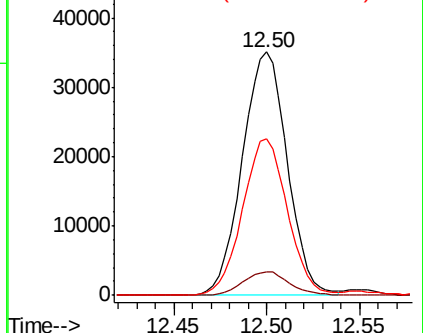
85 63.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.864 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060843.D

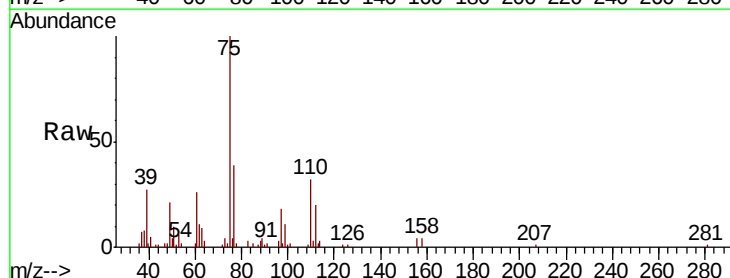
Acq: 6 Apr 2020 12:11

Tgt Ion: 75 Resp: 80223

Ion Ratio Lower Upper

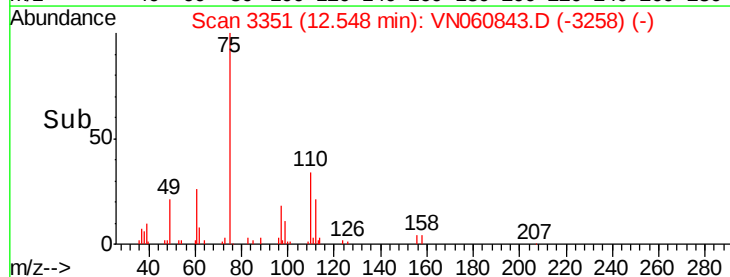
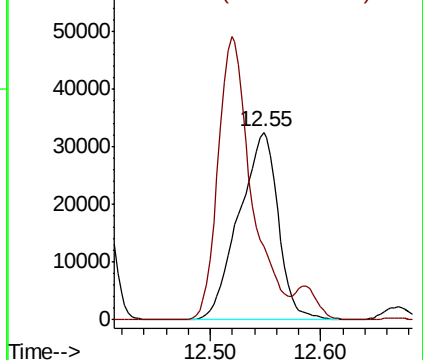
75 100

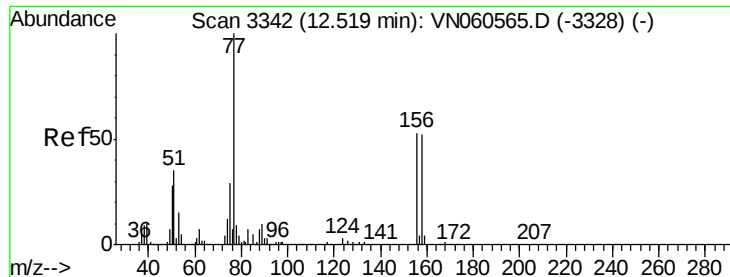
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.124 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

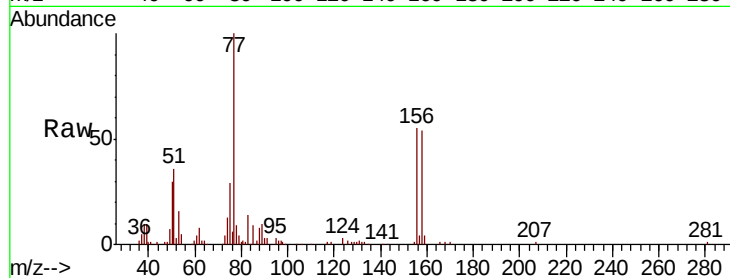
Tot Ion:156 Resp: 46144

Ion Ratio Lower Upper

156 100

77 222.7 112.3 337.0

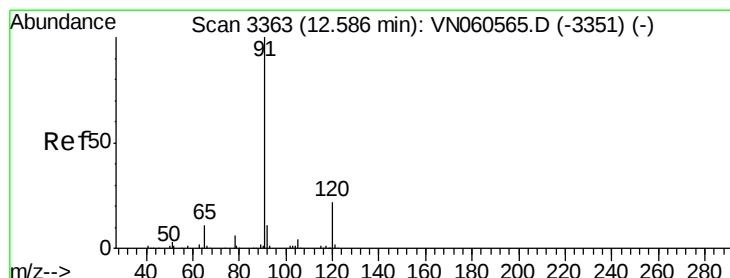
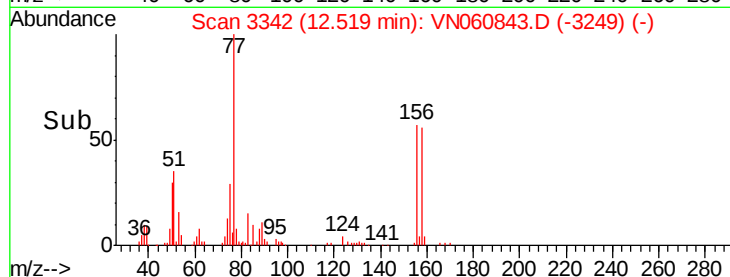
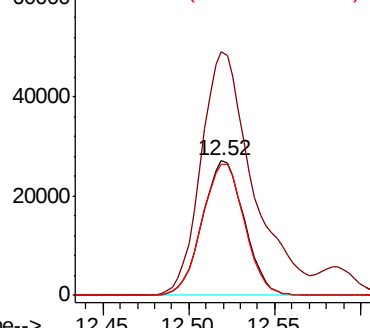
158 98.1 48.6 145.8



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: 19.271 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060843.D

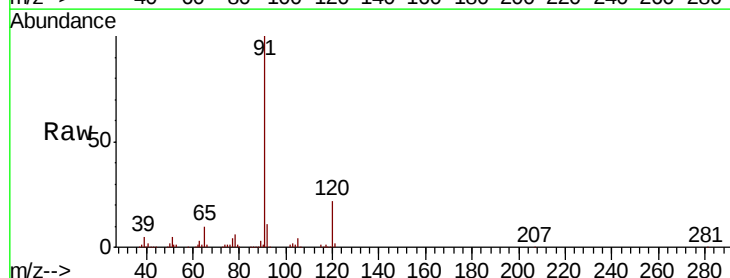
Acq: 6 Apr 2020 12:11

Tgt Ion: 91 Resp: 227979

Ion Ratio Lower Upper

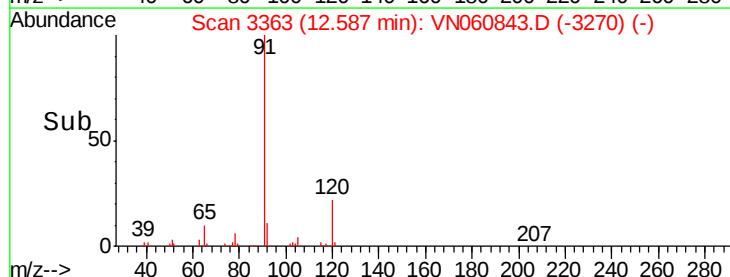
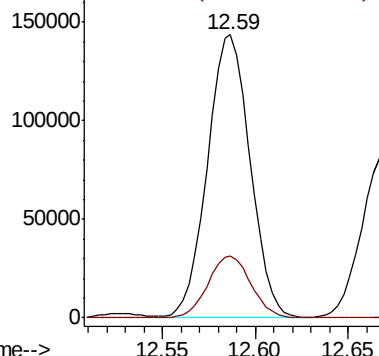
91 100

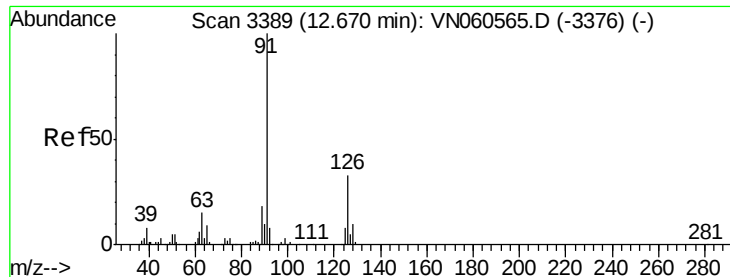
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.093 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

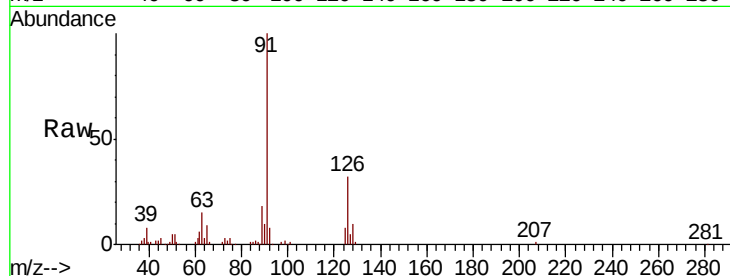
VN0406WBSD01

Tot Ion: 91 Resp: 134956

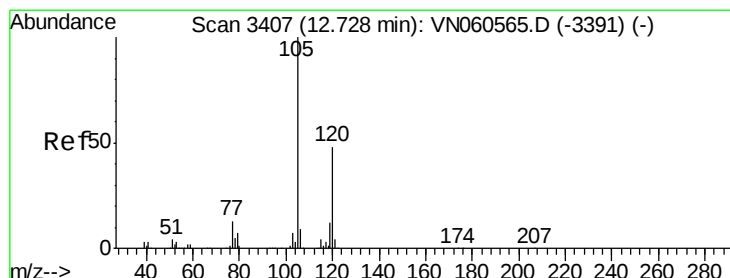
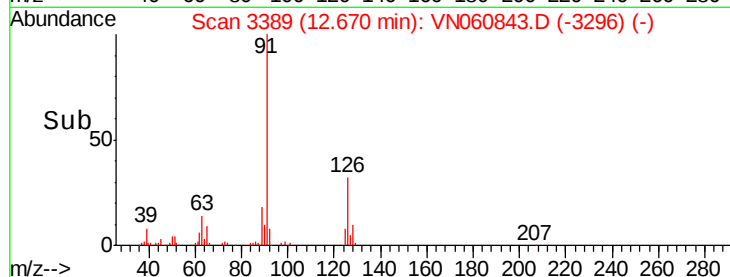
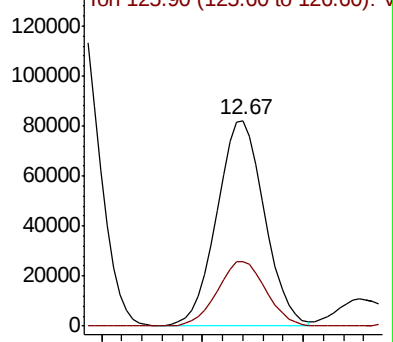
Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060843.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.351 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060843.D

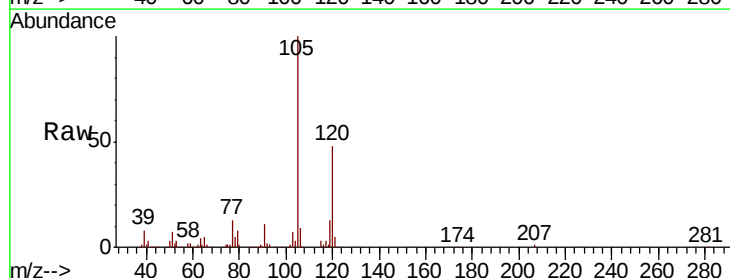
Acq: 6 Apr 2020 12:11

Tgt Ion:105 Resp: 164437

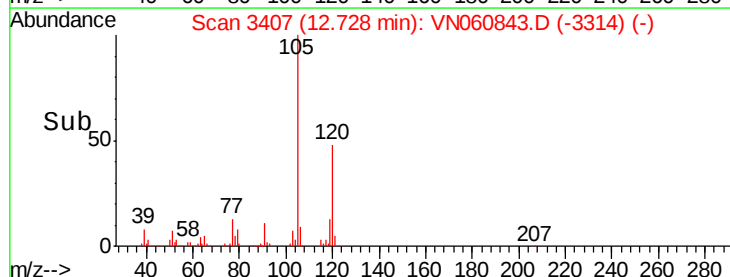
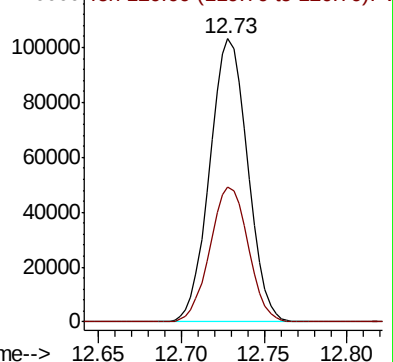
Ion Ratio Lower Upper

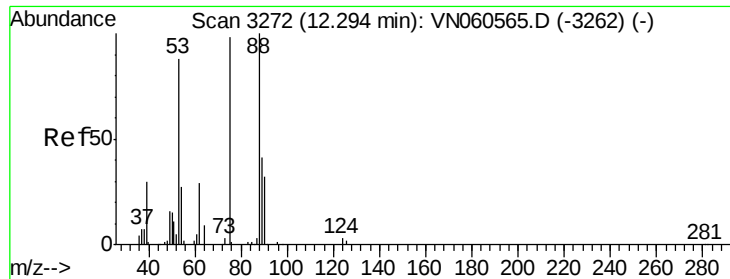
105 100

120 48.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060843.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.647 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

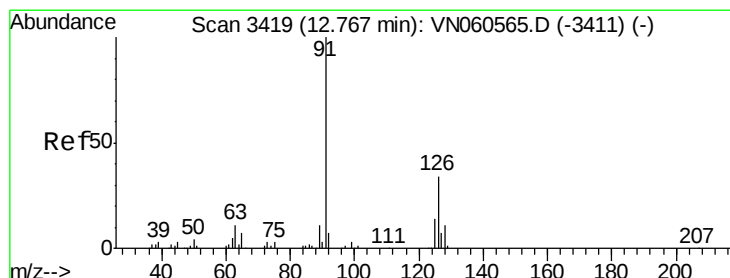
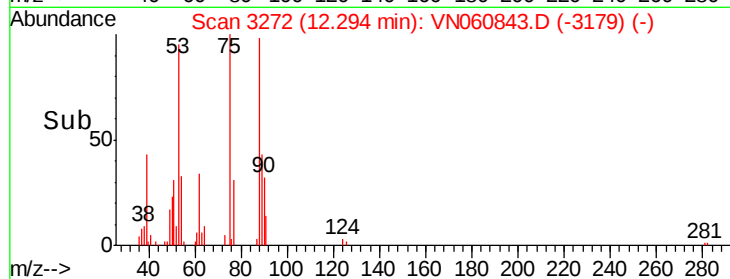
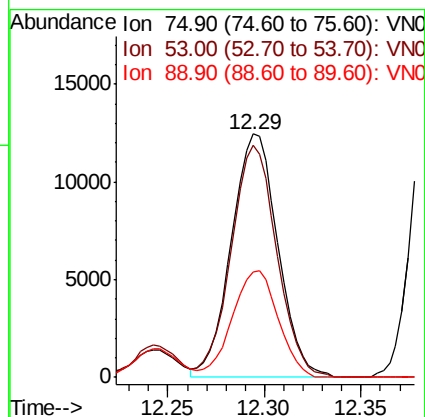
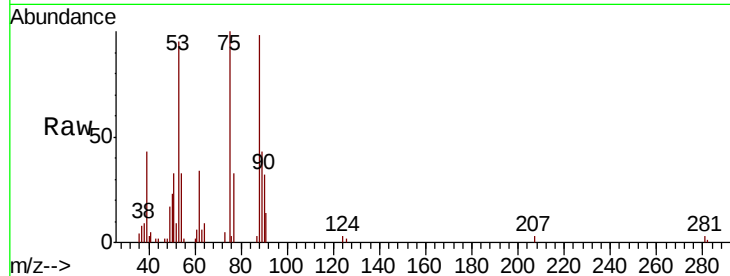
MSVOA_N

ClientSampleId :

VN0406WBSD01

Tot Ion: 75 Resp: 20904

Ion	Ratio	Lower	Upper
75	100		
53	93.2	73.0	109.4
89	43.1	34.8	52.2



#82

4-Chlorotoluene

Concen: 19.147 ug/l

RT: 12.77 min Scan# 3420

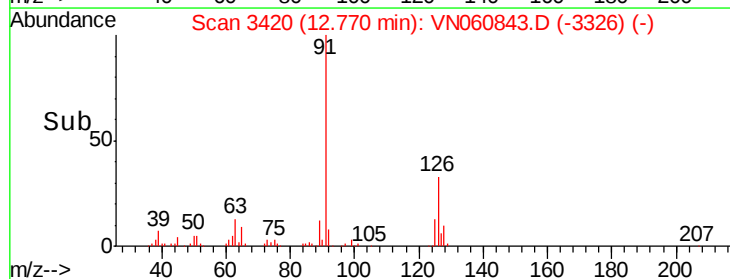
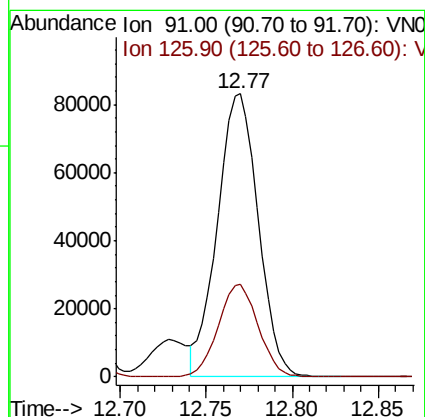
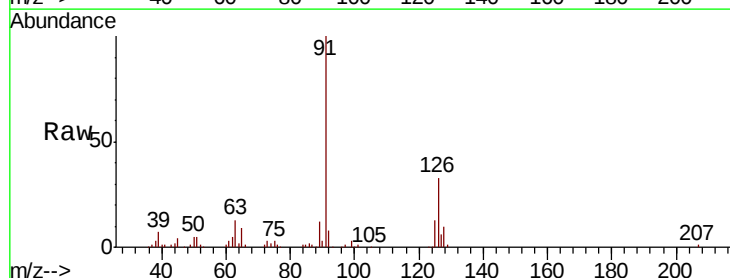
Delta R.T. 0.00 min

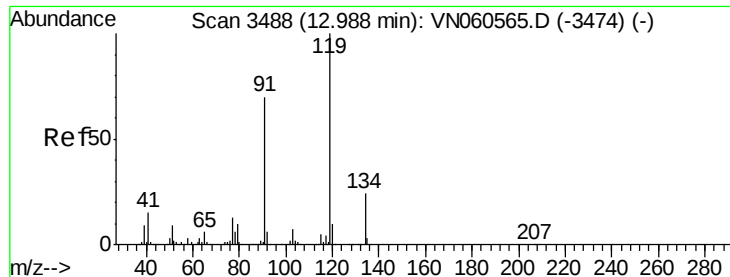
Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Tgt Ion: 91 Resp: 137840

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.823 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

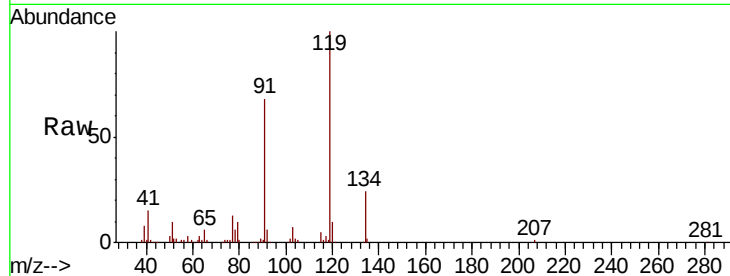
Tot Ion:119 Resp: 139634

Ion Ratio Lower Upper

119 100

91 67.3 34.0 101.8

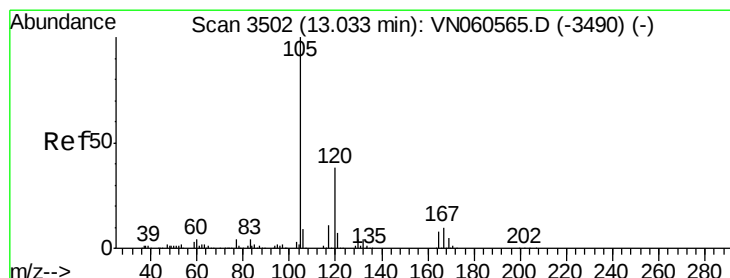
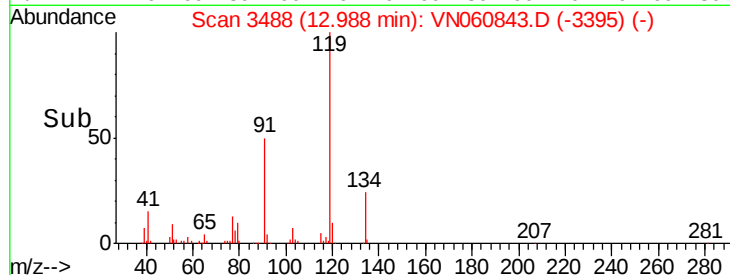
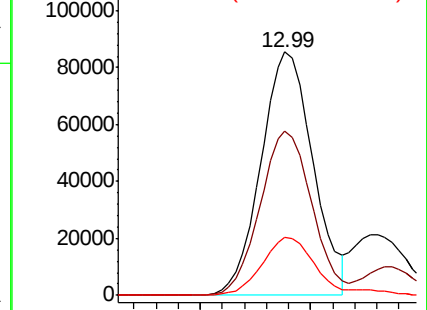
134 25.1 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.502 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060843.D

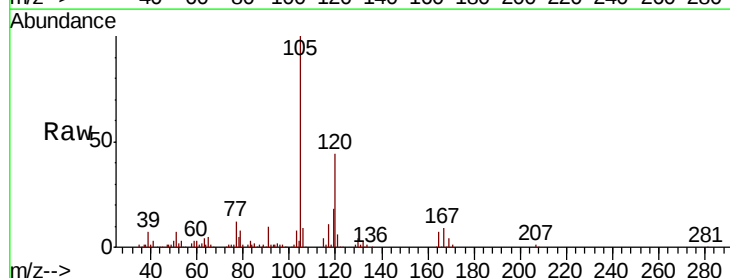
Acq: 6 Apr 2020 12:11

Tgt Ion:105 Resp: 163950

Ion Ratio Lower Upper

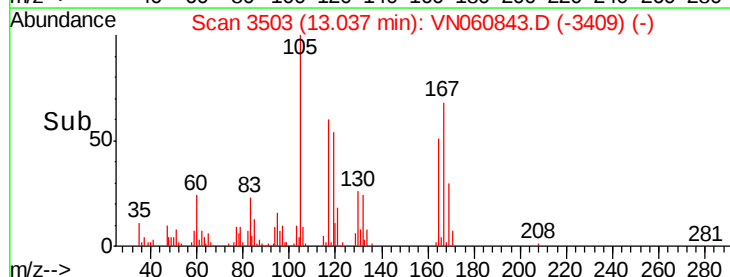
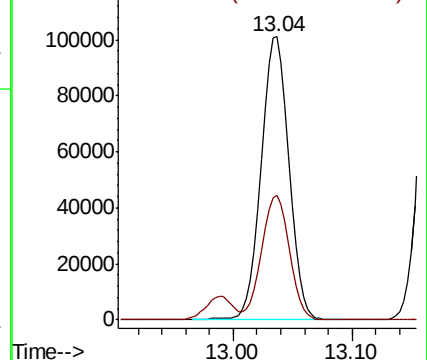
105 100

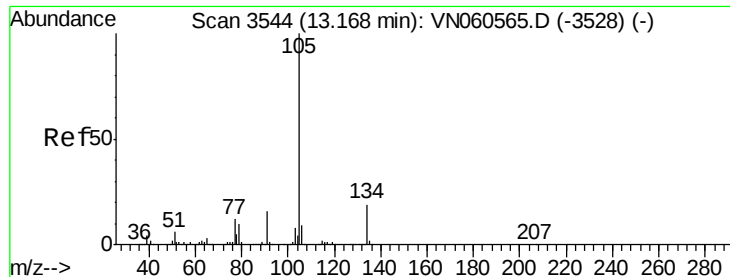
120 43.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.944 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

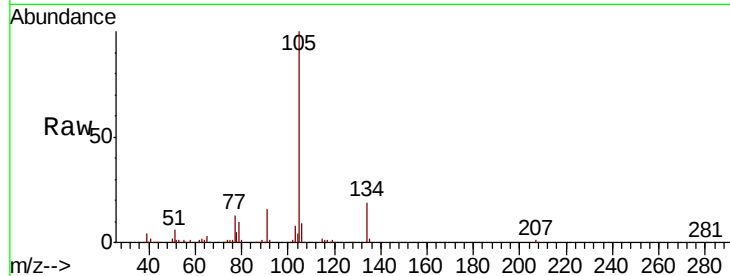
VN0406WBSD01

Tot Ion:105 Resp: 188919

Ion Ratio Lower Upper

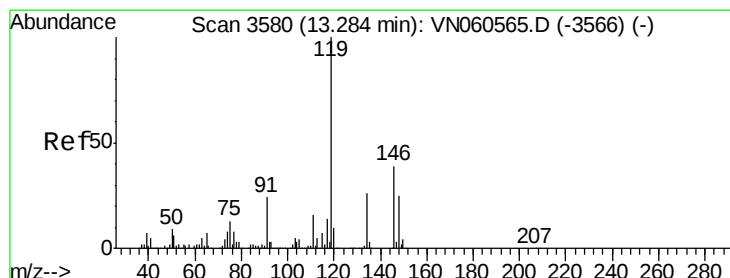
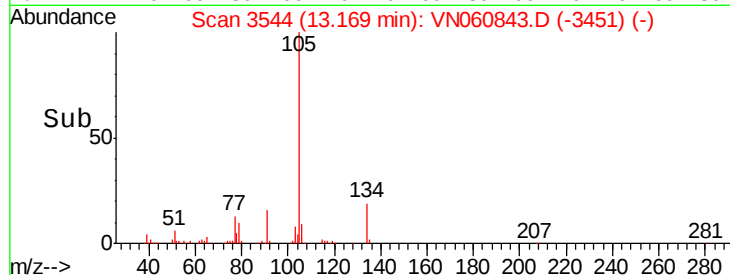
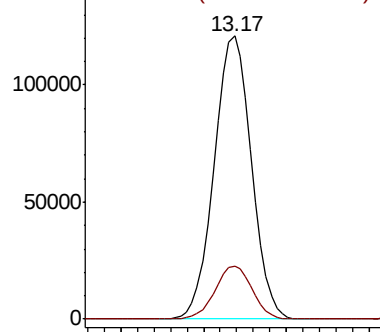
105 100

134 18.9 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.831 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

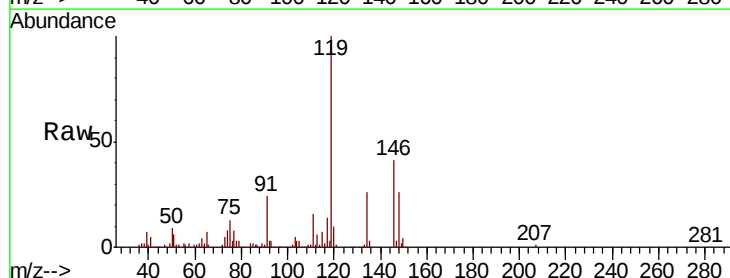
Tgt Ion:119 Resp: 168919

Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

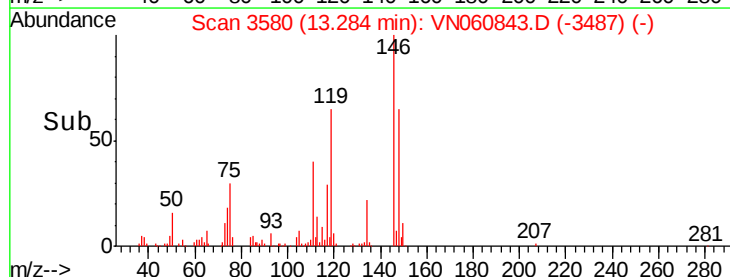
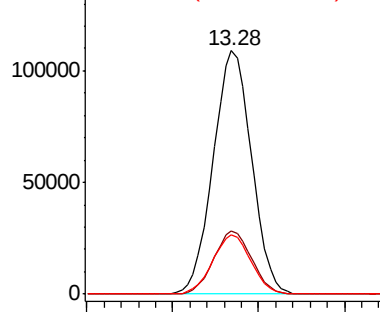
91 24.3 12.0 36.0

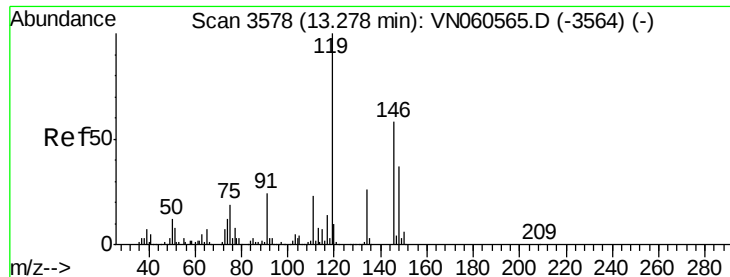


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.290 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

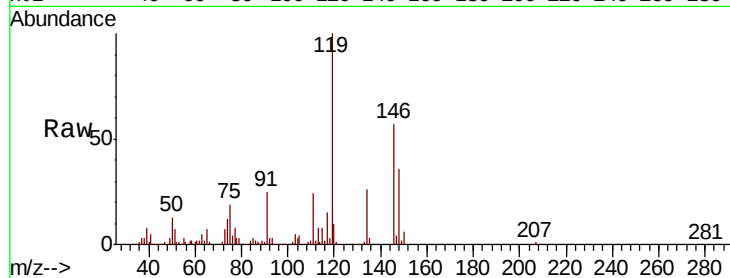
Tot Ion:146 Resp: 82091

Ion Ratio Lower Upper

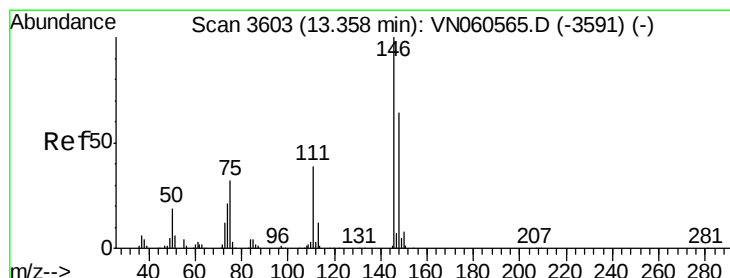
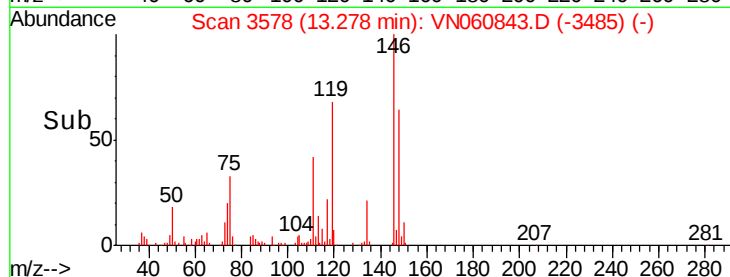
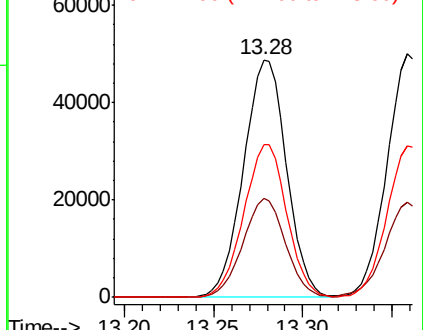
146 100

111 41.1 20.3 60.8

148 64.3 32.5 97.4



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



#88

1,4-Dichlorobenzene

Concen: 19.181 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

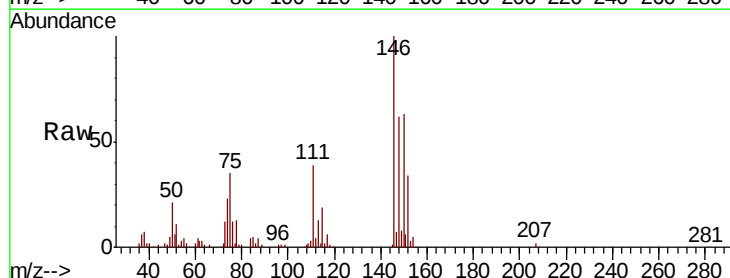
Tgt Ion:146 Resp: 82007

Ion Ratio Lower Upper

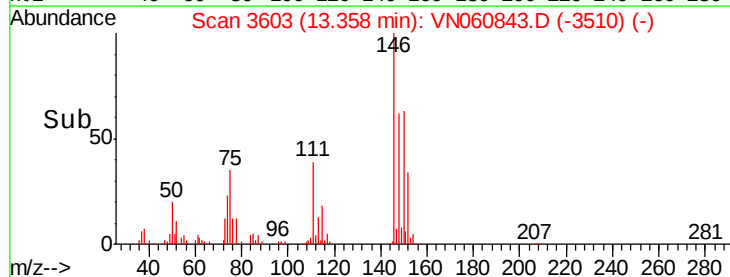
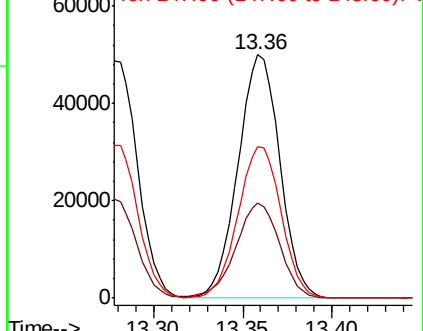
146 100

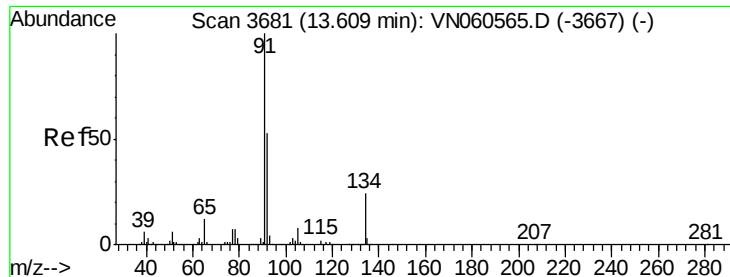
111 40.8 19.6 58.7

148 64.0 32.1 96.3



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

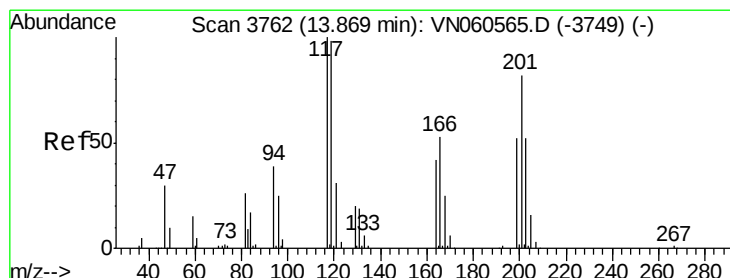
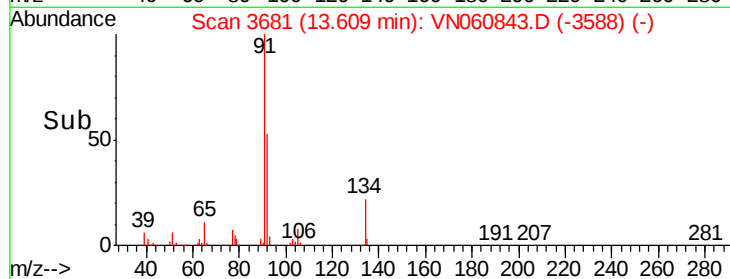
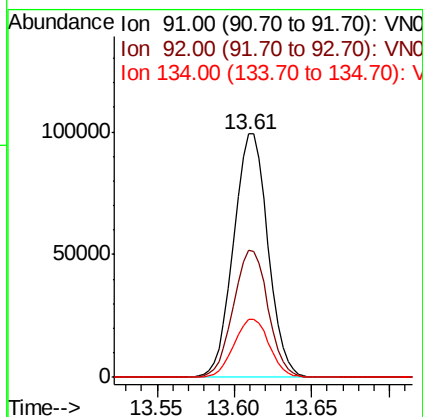
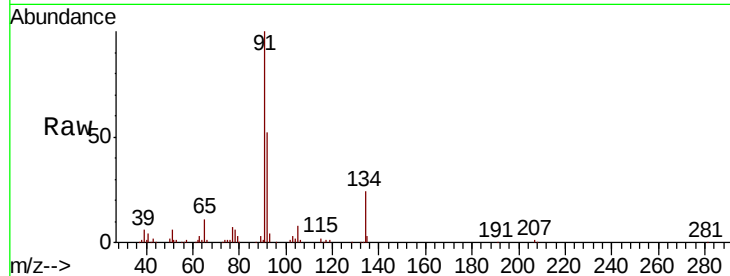




#89
n-Butylbenzene
Concen: 19.898 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

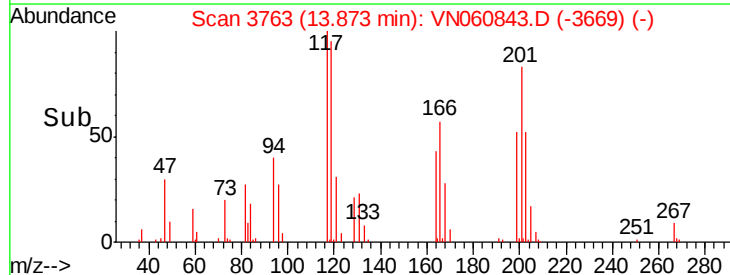
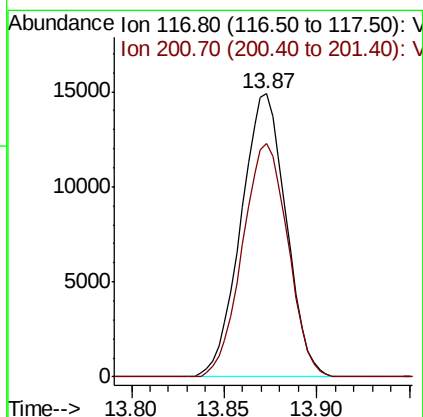
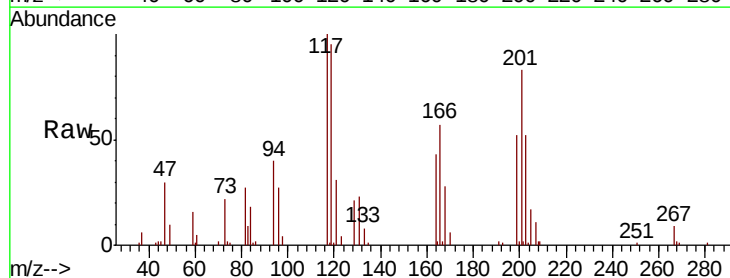
Instrument :
MSVOA_N
ClientSampled :
VN0406WBSD01

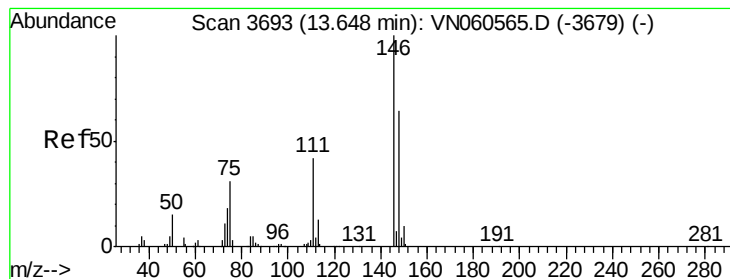
Tot Ion: 91 Resp: 153025
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 20.309 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion: 117 Resp: 25145
Ion Ratio Lower Upper
117 100
201 83.2 40.8 122.5





#91

1,2-Dichlorobenzene

Concen: 19.909 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBSD01

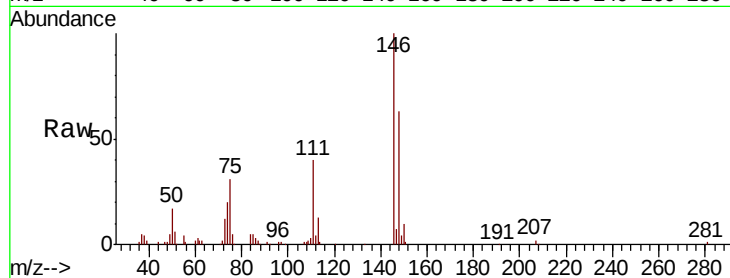
Tot Ion:146 Resp: 81014

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

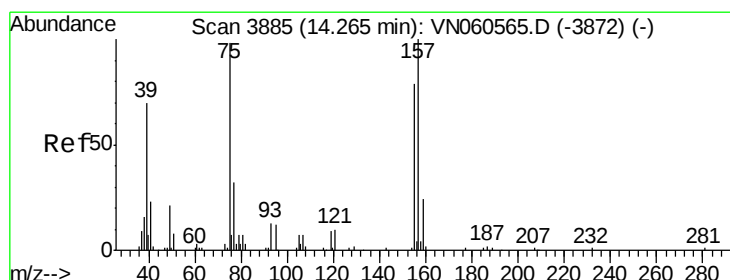
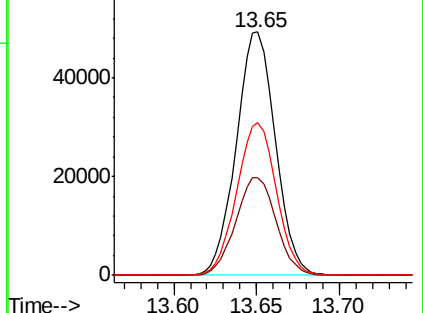
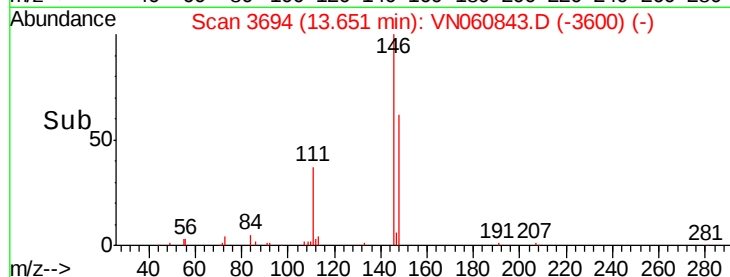
148 63.5 31.9 95.5



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: 17.331 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060843.D

Acq: 6 Apr 2020 12:11

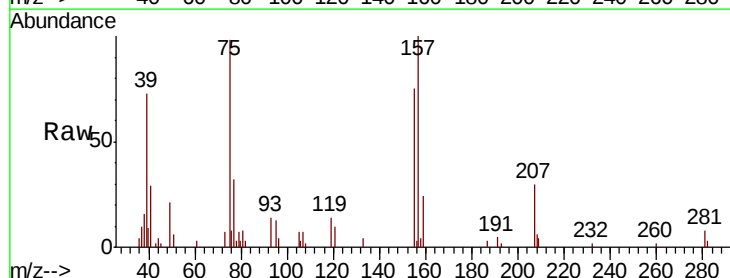
Tgt Ion: 75 Resp: 11103

Ion Ratio Lower Upper

75 100

155 79.5 40.7 122.1

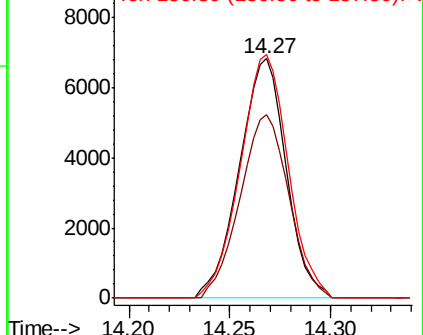
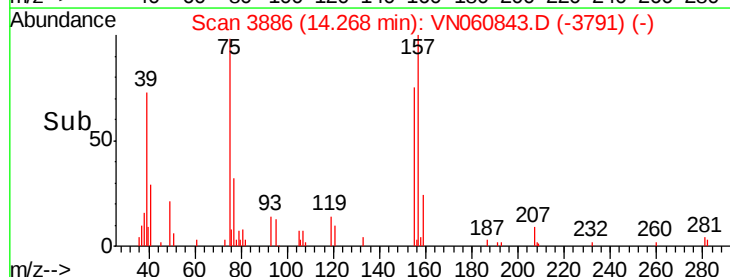
157 104.0 51.5 154.7

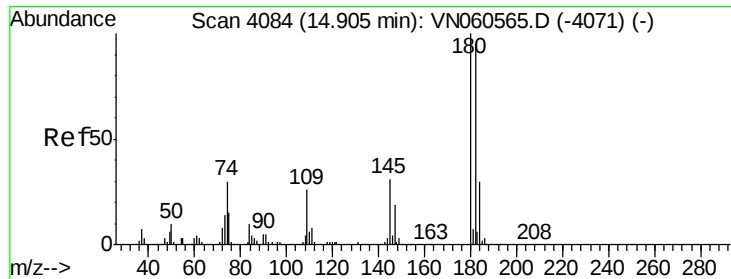


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

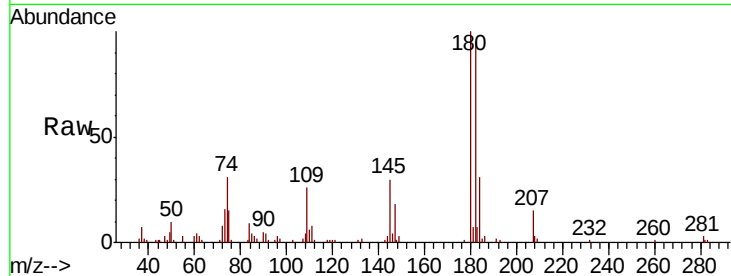




#93
 1,2,4-Trichlorobenzene
 Concen: 19.633 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.8
145	30.7	15.4	46.2

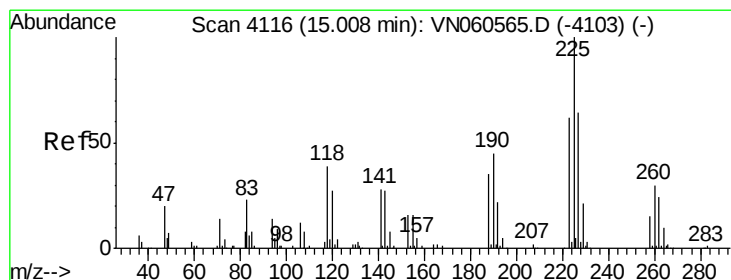
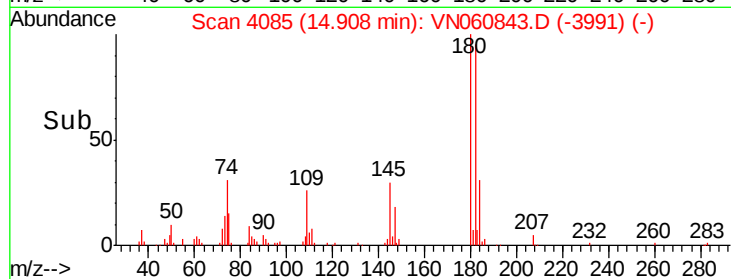
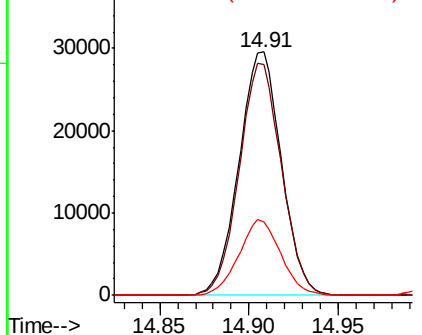


Abundance

Ion 179.80 (179.50 to 180.50): V

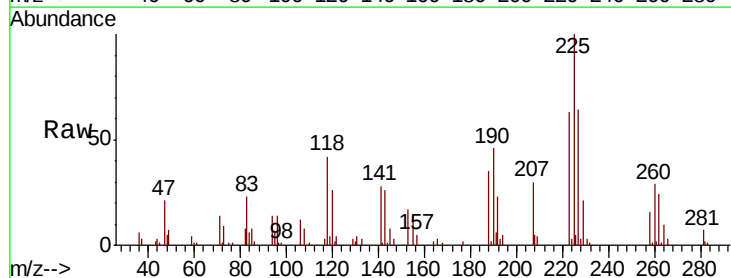
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.442 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060843.D
 Acq: 6 Apr 2020 12:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.6	95.0
227	64.3	32.3	96.8

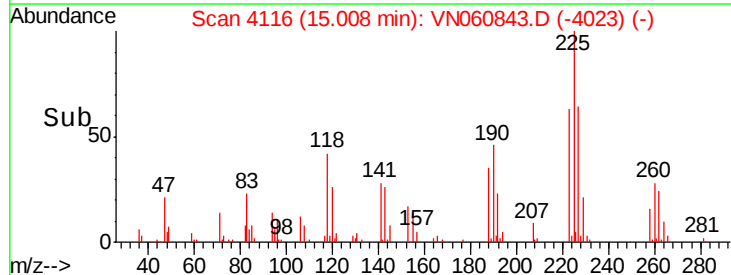
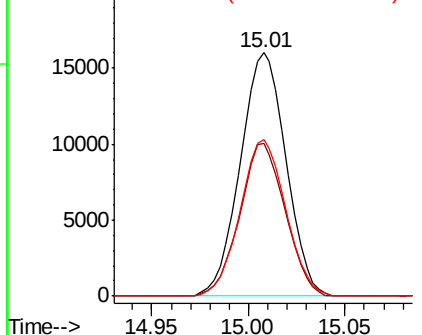


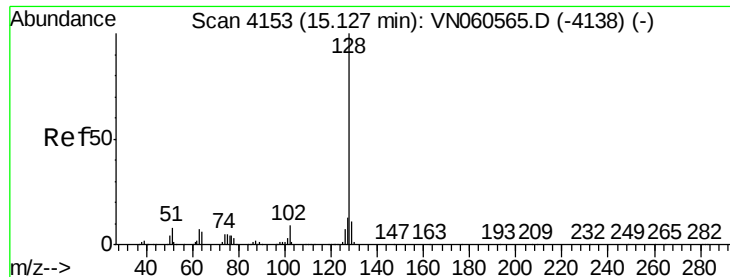
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

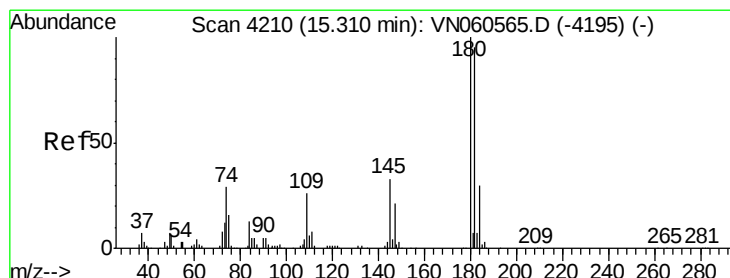
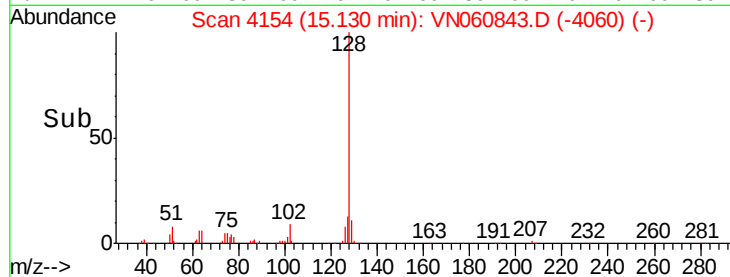
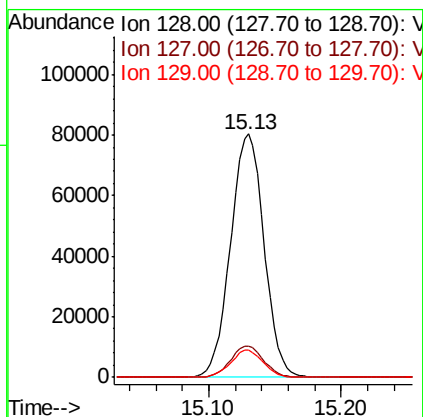
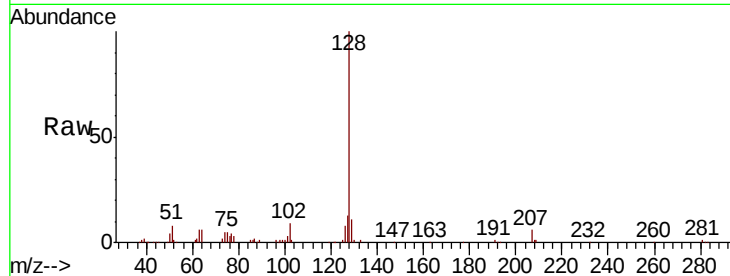




#95
Naphthalene
Concen: 18.730 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0406WBSD01

Tot Ion:128 Resp: 140778
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.412 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060843.D
Acq: 6 Apr 2020 12:11

Tgt Ion:180 Resp: 47779
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 32.9 16.3 48.8

