

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040120\
 Data File : VN060807.D
 Acq On : 1 Apr 2020 13:44
 Operator : JC/MD
 Sample : VN0401WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD01

Quant Time: Apr 02 09:02:09 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	191881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	313388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	133383	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.56	113	98421	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.08	98	384048	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	140711	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	31751	17.101	ug/l	100
3) Chloromethane	2.04	50	53114	15.317	ug/l	100
4) Vinyl Chloride	2.17	62	42553	15.690	ug/l	99
5) Bromomethane	2.55	94	22298	19.045	ug/l	97
6) Chloroethane	2.69	64	27213	17.418	ug/l	99
7) Trichlorofluoromethane	3.00	101	58427	17.488	ug/l	99
8) Diethyl Ether	3.38	74	25344	18.883	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35620	18.399	ug/l	100
10) Methyl Iodide	3.93	142	31308	18.174	ug/l	99
11) Tert butyl alcohol	4.73	59	38311	98.895	ug/l	99
12) 1,1-Dichloroethene	3.72	96	35935	17.297	ug/l	97
13) Acrolein	3.57	56	35217	82.025	ug/l	98
14) Allyl chloride	4.29	41	65282	17.867	ug/l	97
15) Acrylonitrile	4.94	53	106731	93.693	ug/l	99
16) Acetone	3.78	43	90210	96.683	ug/l	98
17) Carbon Disulfide	4.03	76	102193	16.174	ug/l	99
18) Methyl Acetate	4.28	43	51666	19.673	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	131194	18.368	ug/l	98
20) Methylene Chloride	4.52	84	42101	18.343	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	38441	17.362	ug/l	91
22) Diisopropyl ether	5.91	45	146122	18.929	ug/l	98
23) Vinyl Acetate	5.86	43	604807	96.026	ug/l	100
24) 1,1-Dichloroethane	5.82	63	77670	18.457	ug/l	99
25) 2-Butanone	6.80	43	144094	95.437	ug/l	100
26) 2,2-Dichloropropane	6.79	77	65271	19.713	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	45500	18.084	ug/l	97
28) Bromochloromethane	7.16	49	40066	19.900	ug/l	99
29) Tetrahydrofuran	7.18	42	99193	92.854	ug/l	98
30) Chloroform	7.34	83	73131	18.127	ug/l	99
31) Cyclohexane	7.63	56	73499	17.324	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	62374	17.935	ug/l	98
36) 1,1-Dichloropropene	7.77	75	55813	18.392	ug/l	99
37) Ethyl Acetate	6.89	43	61795	18.846	ug/l	99
38) Carbon Tetrachloride	7.75	117	48630	17.880	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040120\
 Data File : VN060807.D
 Acq On : 1 Apr 2020 13:44
 Operator : JC/MD
 Sample : VN0401WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0401WBSD01

Quant Time: Apr 02 09:02:09 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)
39) Methylcyclohexane	9.06	83	66793	18.522	ug/l	98
40) Benzene	8.02	78	169540	18.507	ug/l	99
41) Methacrylonitrile	7.18	41	87656	62.641	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	61273	19.572	ug/l	99
43) Isopropyl Acetate	8.14	43	103302	19.103	ug/l	100
44) Trichloroethene	8.82	130	43396	18.792	ug/l	96
45) 1,2-Dichloropropane	9.10	63	46843	19.379	ug/l	100
46) Dibromomethane	9.19	93	27628	18.906	ug/l	98
47) Bromodichloromethane	9.38	83	57954	19.085	ug/l	98
48) Methyl methacrylate	9.18	41	44613	18.530	ug/l	98
49) 1,4-Dioxane	9.18	88	12566	439.107	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	297888	96.807	ug/l	100
52) Toluene	10.14	92	102638	18.552	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	66683	19.117	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	72660	18.988	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	40770	19.155	ug/l	99
56) Ethyl methacrylate	10.42	69	62596	18.862	ug/l	99
57) 1,3-Dichloropropane	10.70	76	70307	19.036	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	144693	87.724	ug/l	100
59) 2-Hexanone	10.74	43	212889	96.042	ug/l	99
60) Dibromochloromethane	10.89	129	42143	19.169	ug/l	99
61) 1,2-Dibromoethane	10.99	107	41129	19.217	ug/l	100
64) Tetrachloroethene	10.62	164	40234	18.127	ug/l	99
65) Chlorobenzene	11.42	112	105428	18.855	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	39049	19.288	ug/l	99
67) Ethyl Benzene	11.50	91	195614	18.812	ug/l	100
68) m/p-Xylenes	11.61	106	143384	37.106	ug/l	99
69) o-Xylene	11.94	106	70096	19.002	ug/l	98
70) Styrene	11.96	104	110135	18.255	ug/l	99
71) Bromoform	12.12	173	28916	18.288	ug/l #	99
73) Isopropylbenzene	12.24	105	184227	18.577	ug/l	100
74) N-amyl acetate	12.06	43	86554	18.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	56819	18.946	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	78488	27.526	ug/l #	100
77) Bromobenzene	12.52	156	44362	18.565	ug/l	99
78) n-propylbenzene	12.59	91	217749	18.585	ug/l	99
79) 2-Chlorotoluene	12.67	91	130253	18.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	156725	18.623	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	20683	18.630	ug/l	98
82) 4-Chlorotoluene	12.77	91	131921	18.503	ug/l	100
83) tert-Butylbenzene	12.99	119	132134	18.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	157639	18.934	ug/l	99
85) sec-Butylbenzene	13.17	105	178138	18.989	ug/l	100
86) p-Isopropyltoluene	13.28	119	159941	18.960	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	79675	18.905	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	79031	18.664	ug/l	98
89) n-Butylbenzene	13.61	91	145691	19.129	ug/l	100
90) Hexachloroethane	13.87	117	24762	20.194	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	77708	19.283	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11314	17.840	ug/l	97

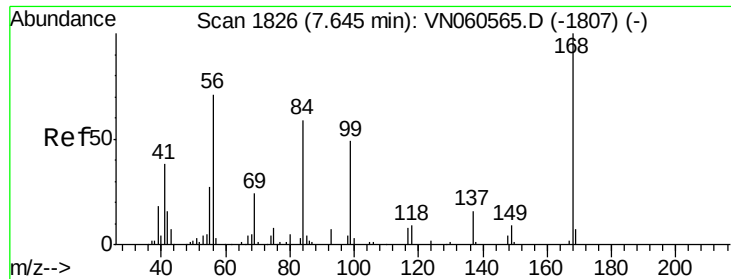
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040120\
Data File : VN060807.D
Acq On : 1 Apr 2020 13:44
Operator : JC/MD
Sample : VN0401WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBSD01

Quant Time: Apr 02 09:02:09 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)
93) 1,2,4-Trichlorobenzene	14.90	180	46629	18.842	ug/l	99
94) Hexachlorobutadiene	15.01	225	24928	20.548	ug/l	96
95) Naphthalene	15.13	128	137424	18.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	46882	19.233	ug/l	98

(#) = 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: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

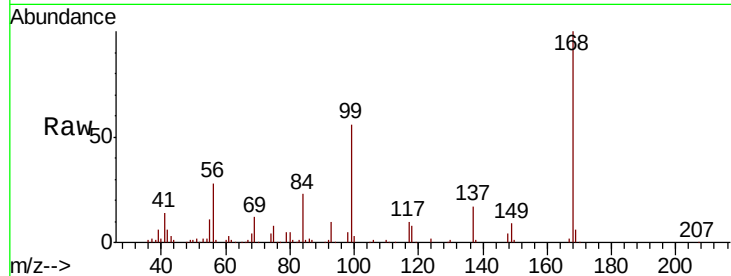
VN0401WBSD01

Tot Ion:168 Resp: 191881

Ion Ratio Lower Upper

168 100

99 56.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

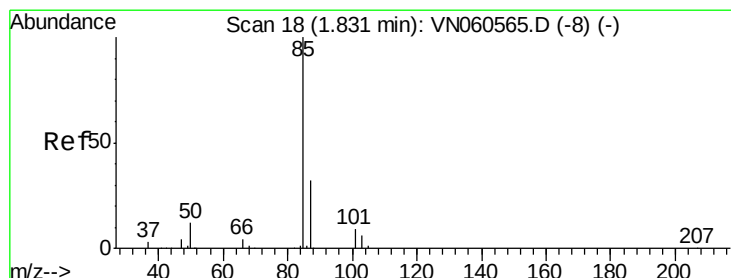
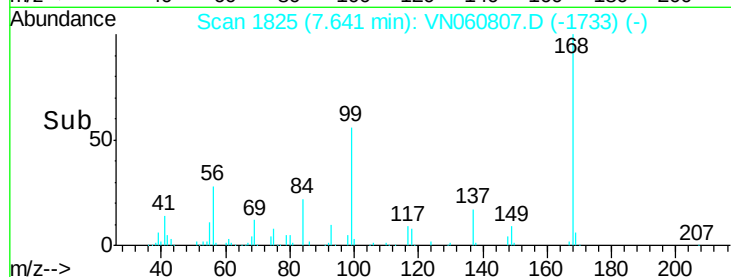
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 17.101 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060807.D

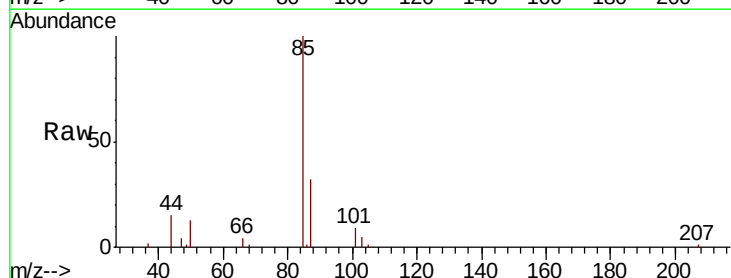
Acq: 1 Apr 2020 13:44

Tgt Ion: 85 Resp: 31751

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

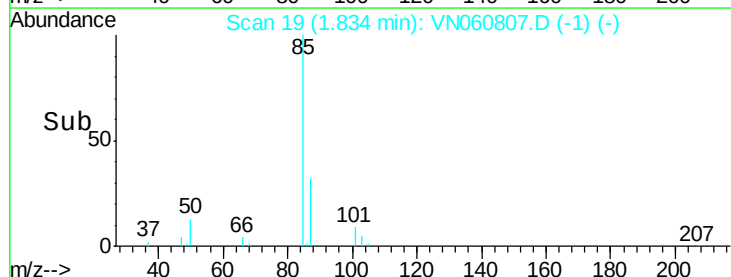
10000

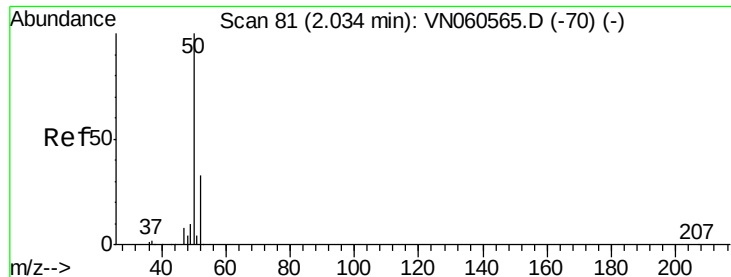
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 15.317 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

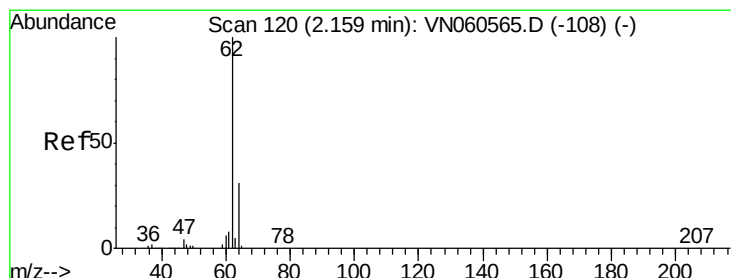
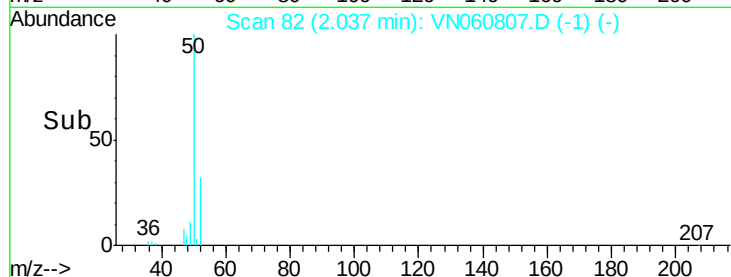
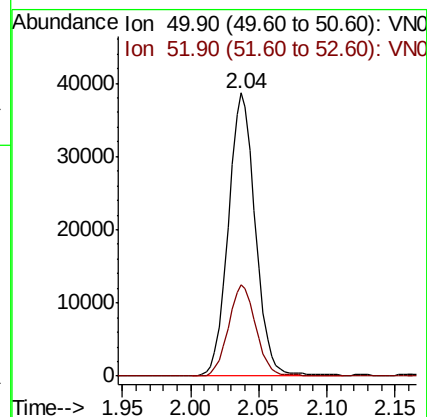
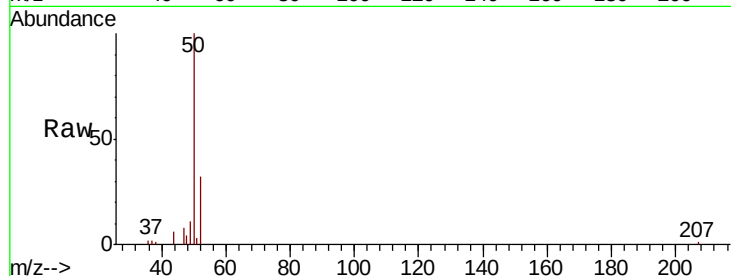
VN0401WBSD01

Tot Ion: 50 Resp: 53114

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



#4

Vinyl Chloride

Concen: 15.690 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060807.D

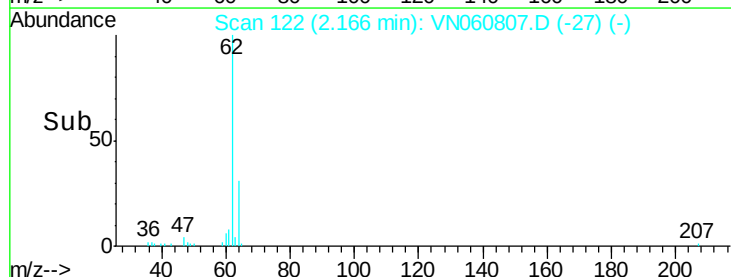
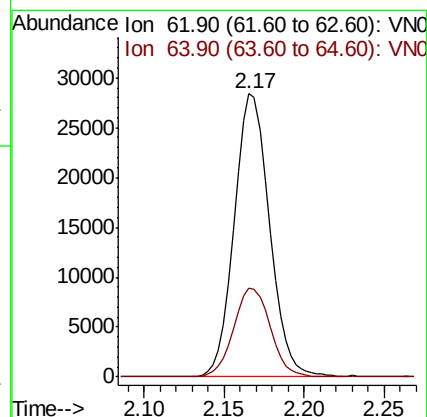
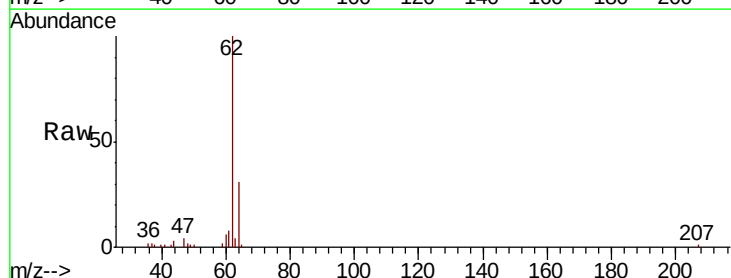
Acq: 1 Apr 2020 13:44

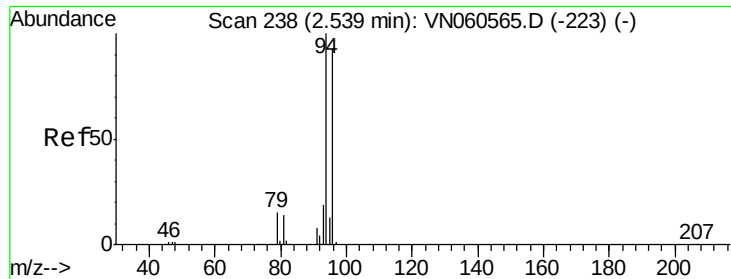
Tgt Ion: 62 Resp: 42553

Ion Ratio Lower Upper

62 100

64 31.3 24.7 37.1





#5

Bromomethane

Concen: 19.045 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

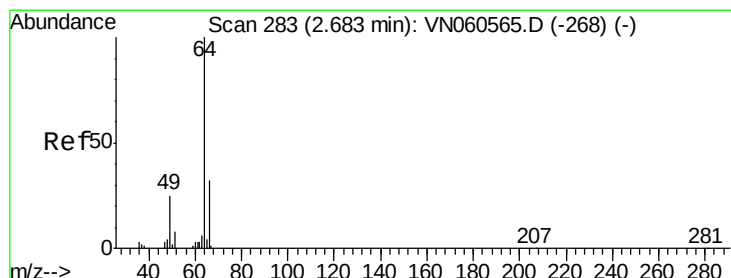
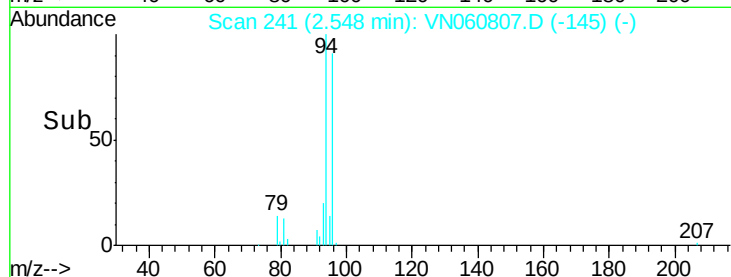
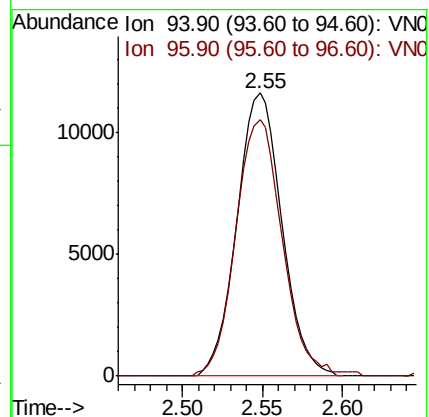
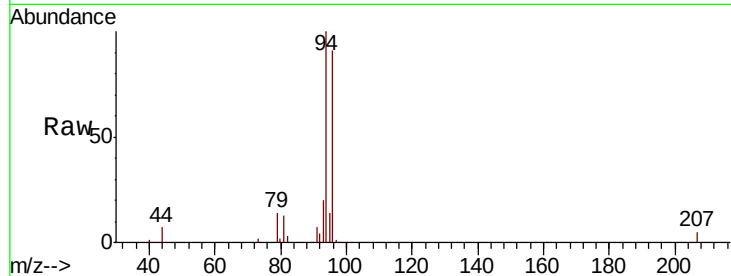
VN0401WBSD01

Tot Ion: 94 Resp: 22298

Ion Ratio Lower Upper

94 100

96 90.7 74.6 112.0



#6

Chloroethane

Concen: 17.418 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060807.D

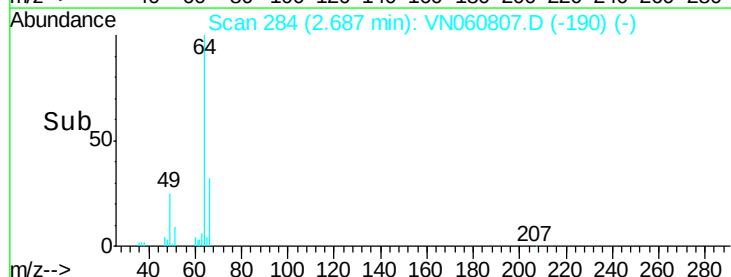
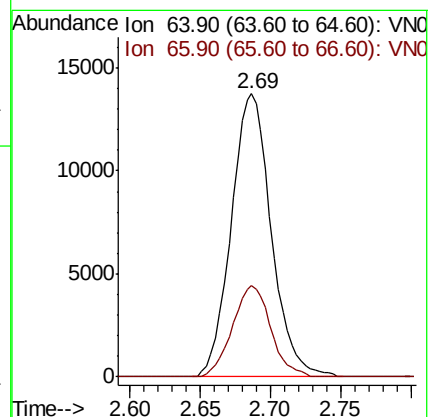
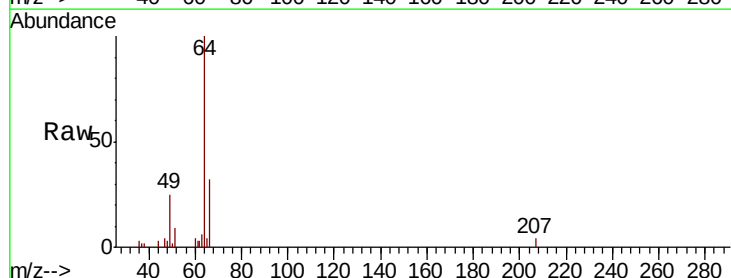
Acq: 1 Apr 2020 13:44

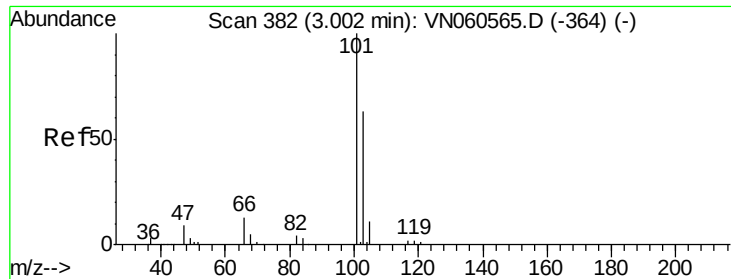
Tgt Ion: 64 Resp: 27213

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9



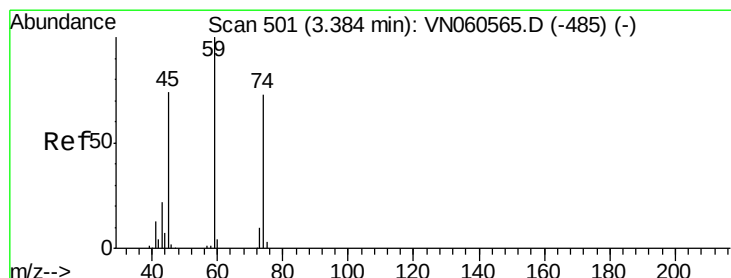
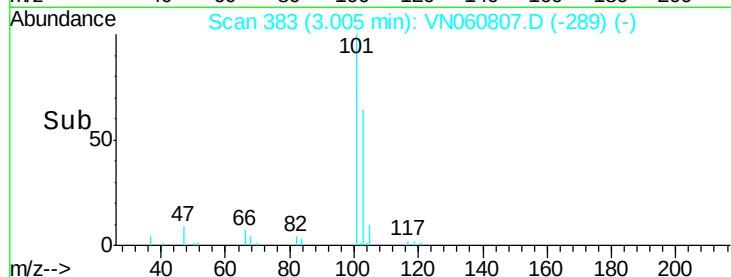
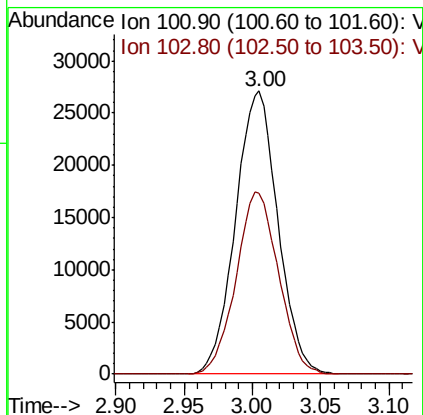
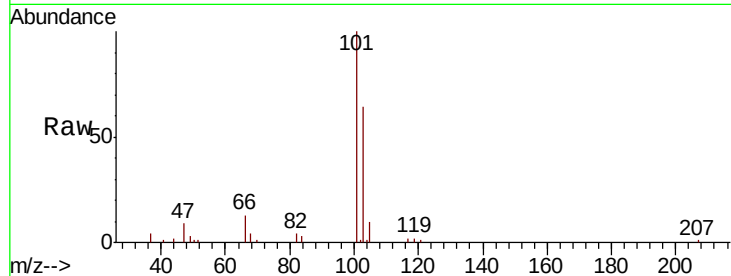


#7

Trichlorofluoromethane
 Concen: 17.488 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD01

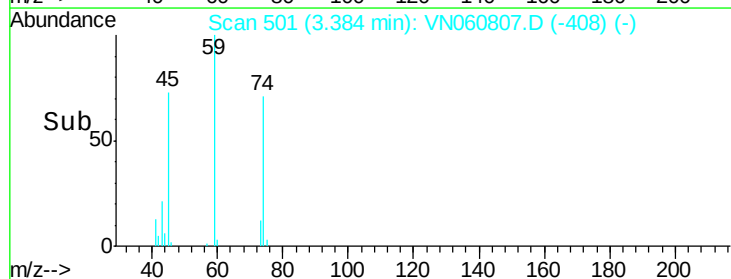
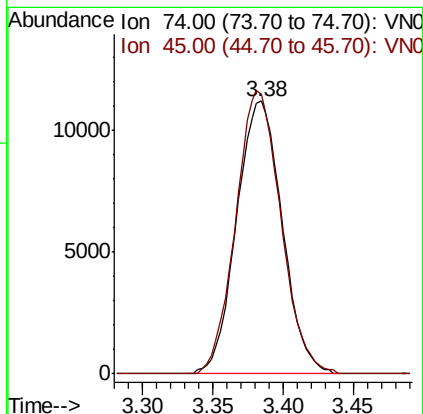
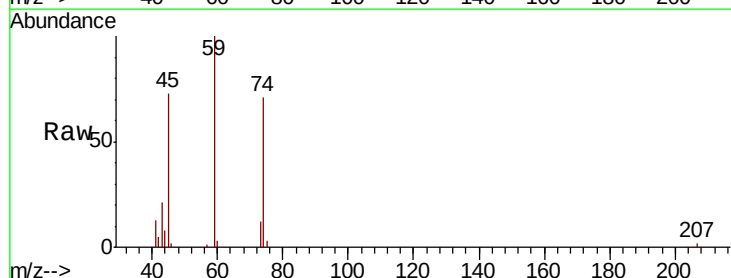
Tot Ion:101 Resp: 58427
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 76.0

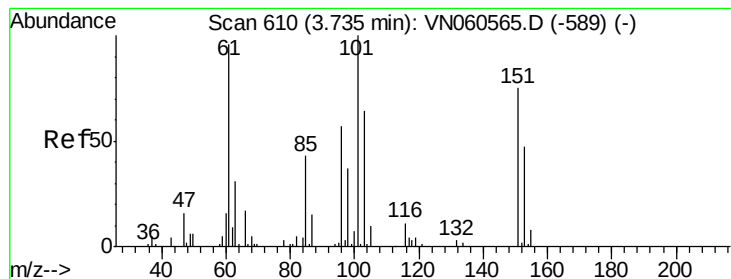


#8

Diethyl Ether
 Concen: 18.883 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

Tgt Ion: 74 Resp: 25344
 Ion Ratio Lower Upper
 74 100
 45 102.6 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.399 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

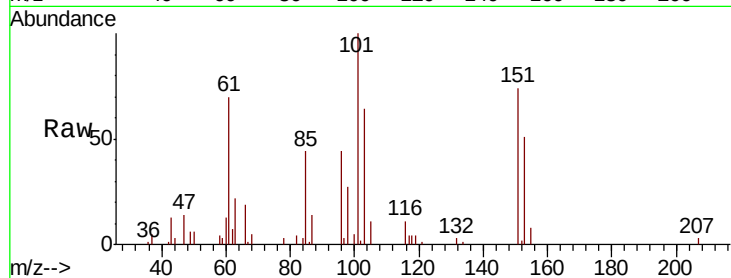
Tot Ion:101 Resp: 35620

Ion Ratio Lower Upper

101 100

85 44.4 35.6 53.4

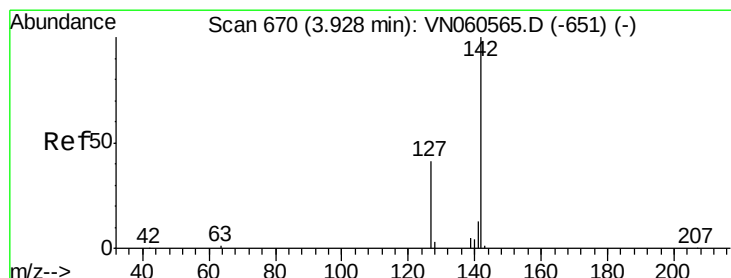
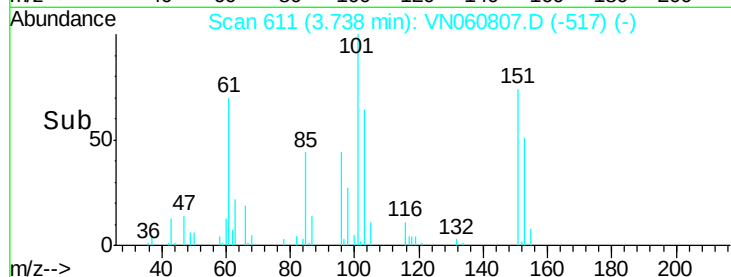
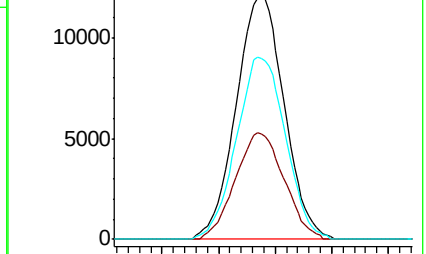
151 76.5 61.4 92.2



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: 18.174 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

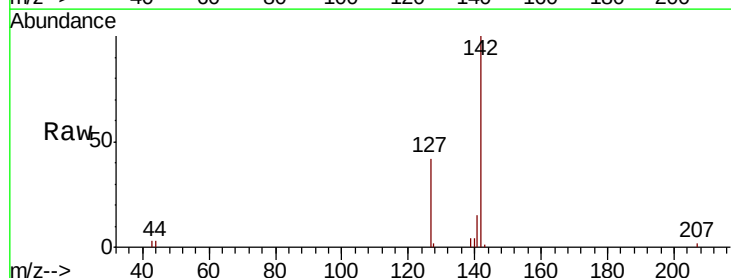
Tgt Ion:142 Resp: 31308

Ion Ratio Lower Upper

142 100

127 41.3 33.5 50.3

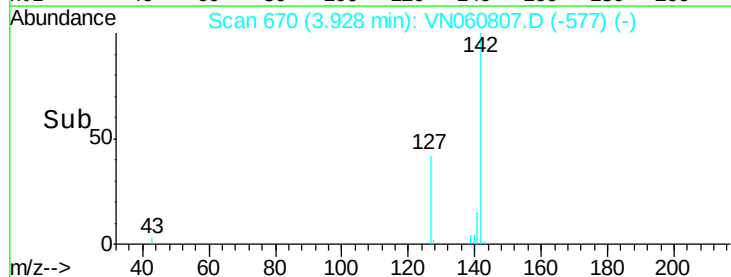
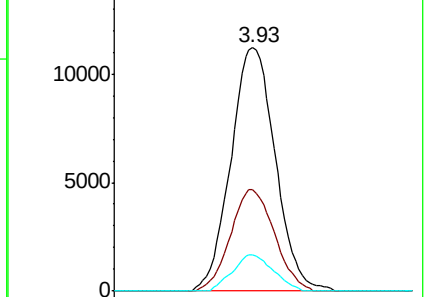
141 13.7 11.0 16.6

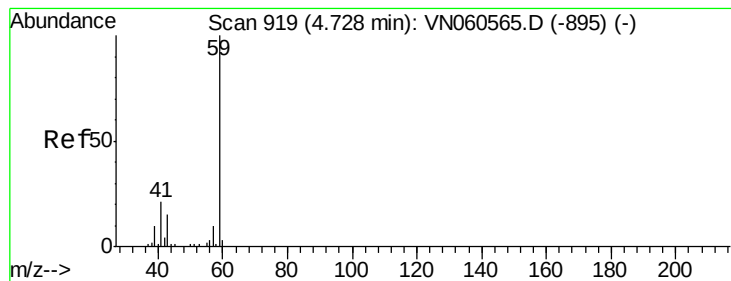


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.895 ug/l

RT: 4.73 min Scan# 918

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

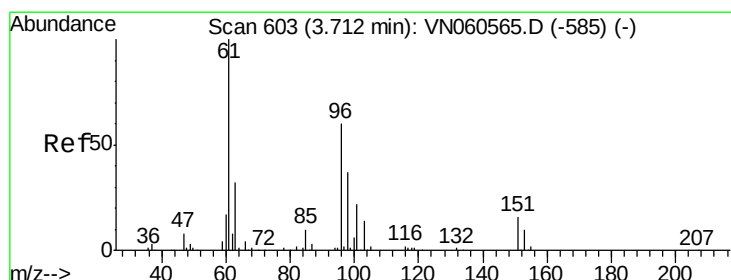
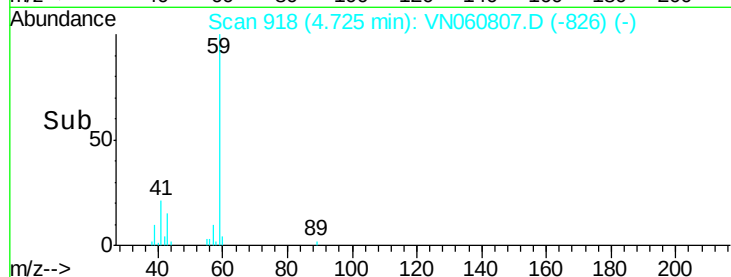
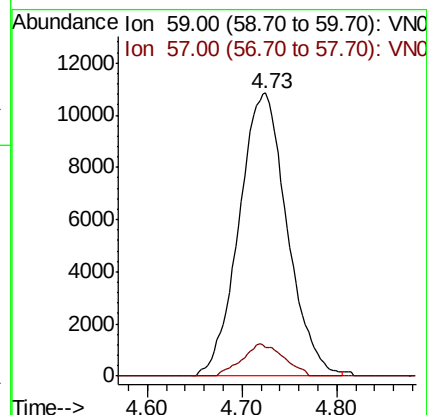
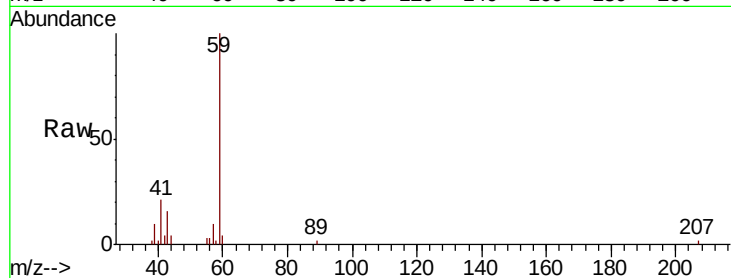
VN0401WBSD01

Tot Ion: 59 Resp: 38311

Ion Ratio Lower Upper

59 100

57 9.9 8.2 12.4



#12

1,1-Dichloroethene

Concen: 17.297 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

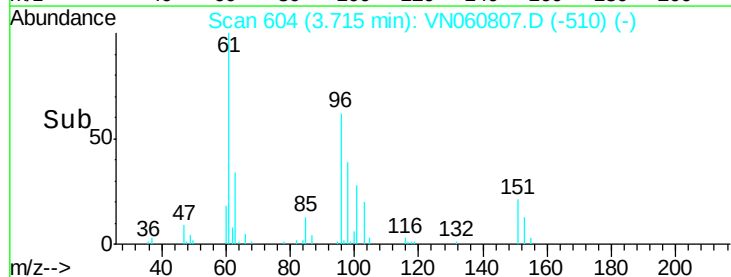
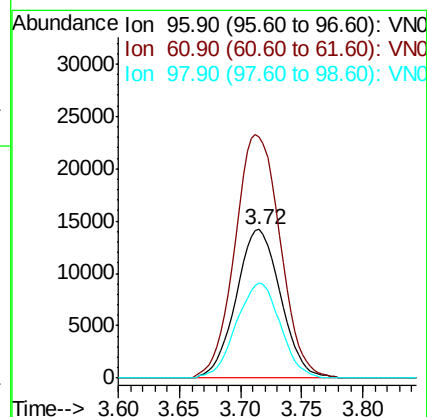
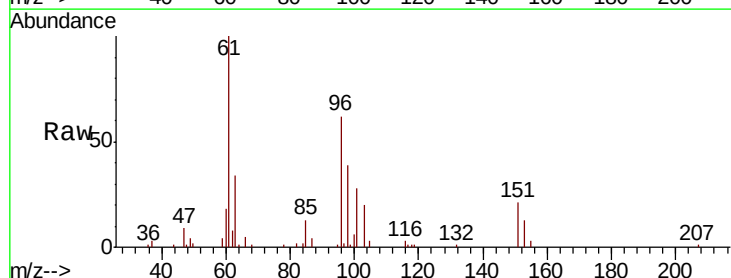
Tgt Ion: 96 Resp: 35935

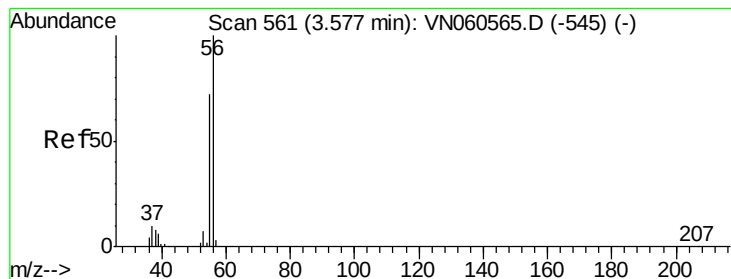
Ion Ratio Lower Upper

96 100

61 162.5 134.1 201.1

98 63.7 49.9 74.9





#13

Acrolein

Concen: 82.025 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

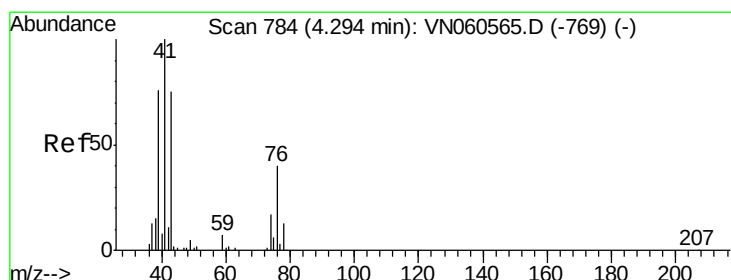
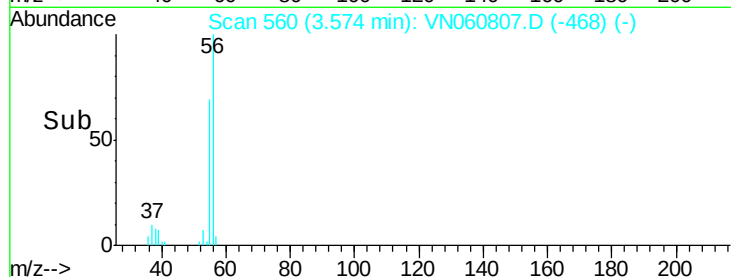
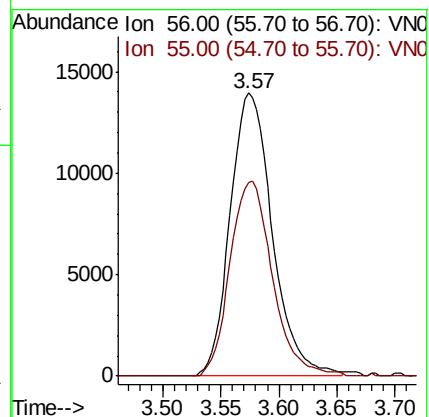
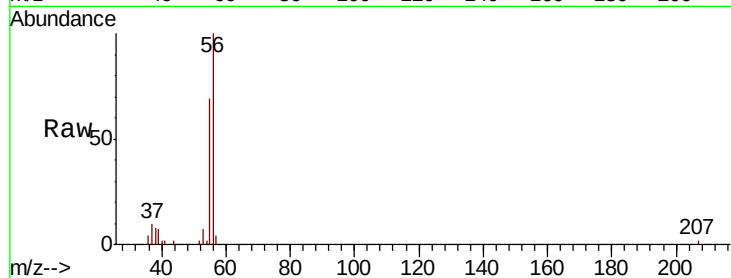
VN0401WBSD01

Tot Ion: 56 Resp: 35217

Ion Ratio Lower Upper

56 100

55 69.4 56.7 85.1



#14

Allyl chloride

Concen: 17.867 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

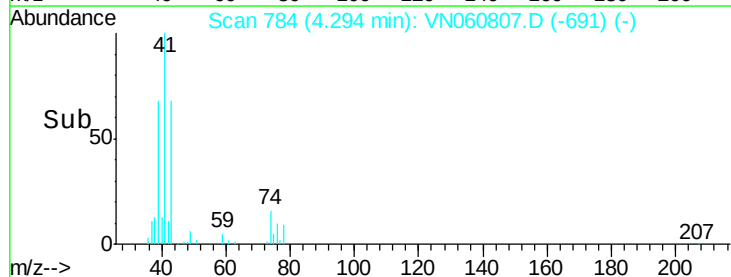
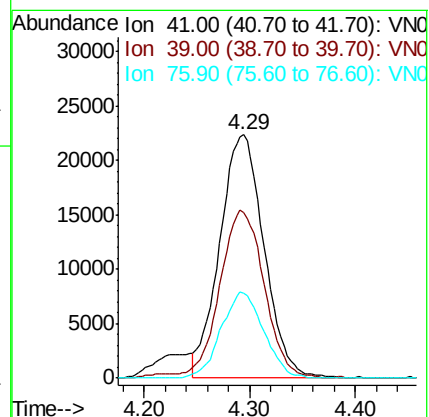
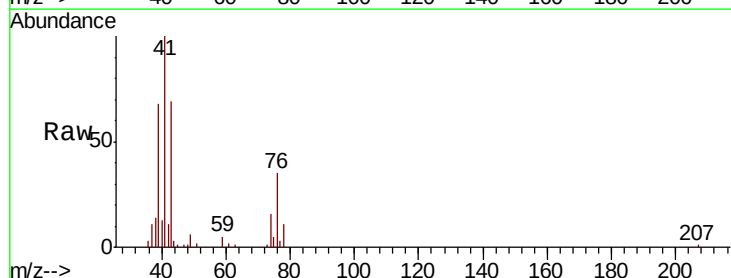
Tgt Ion: 41 Resp: 65282

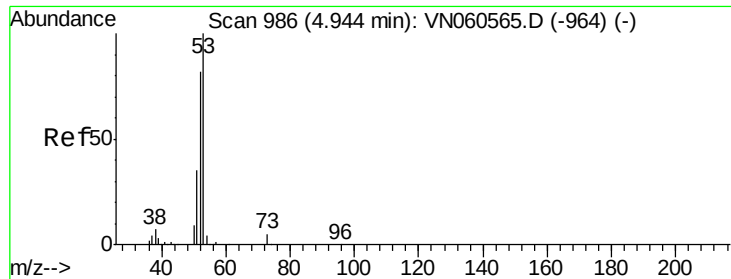
Ion Ratio Lower Upper

41 100

39 70.2 57.8 86.8

76 33.8 28.6 43.0





#15

Acrylonitrile

Concen: 93.693 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

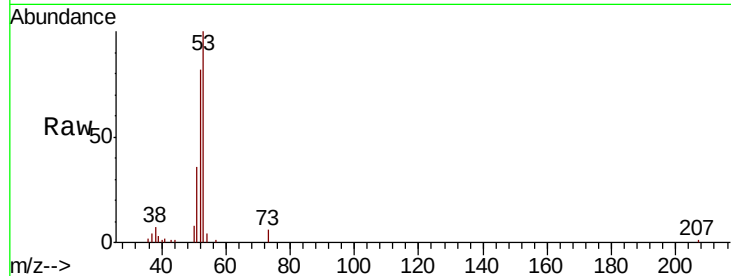
Tot Ion: 53 Resp: 106731

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

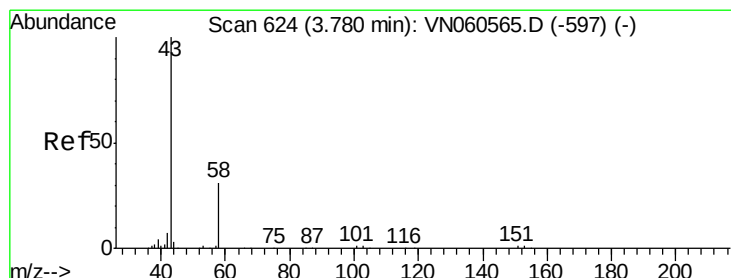
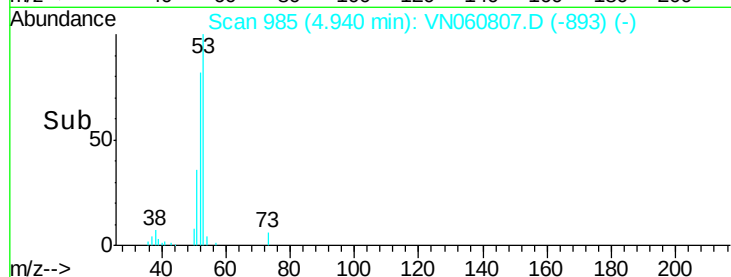
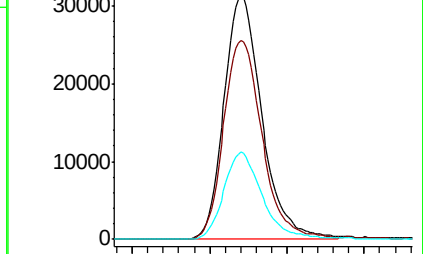
51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN060807.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060807.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060807.D (-964) (-)



#16

Acetone

Concen: 96.683 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060807.D

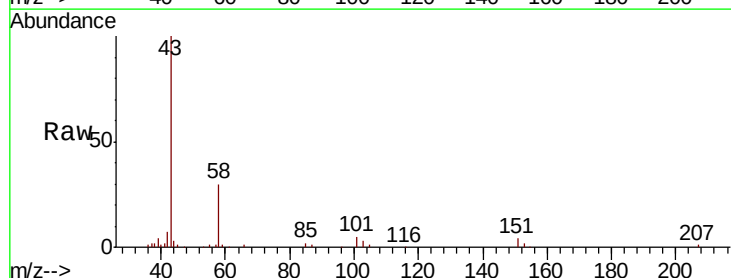
Acq: 1 Apr 2020 13:44

Tgt Ion: 43 Resp: 90210

Ion Ratio Lower Upper

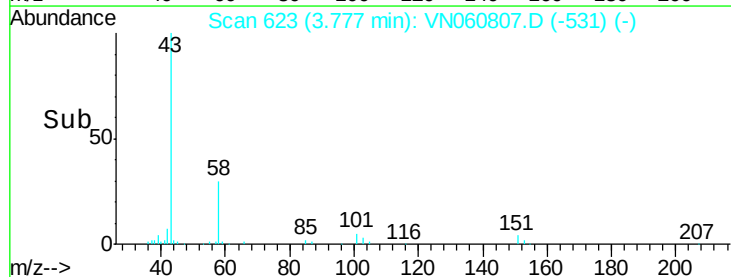
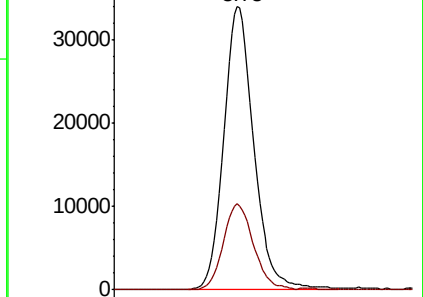
43 100

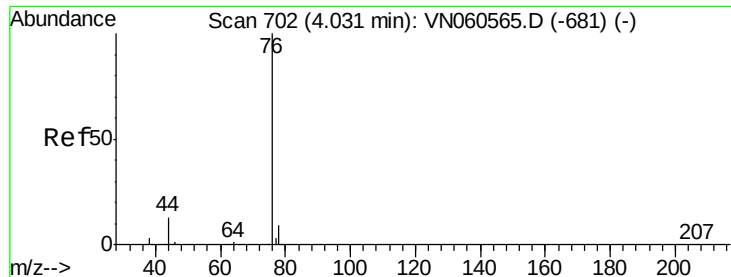
58 30.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060807.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060807.D (-531) (-)





#17

Carbon Disulfide

Concen: 16.174 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

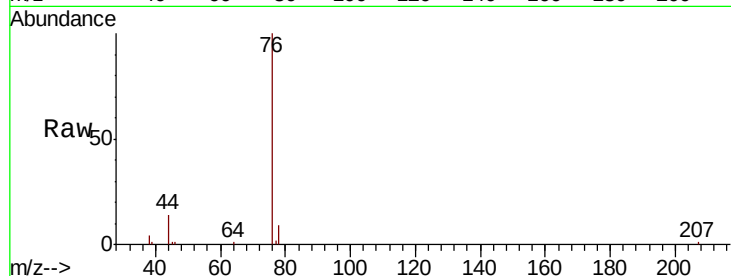
VN0401WBSD01

Tot Ion: 76 Resp: 102193

Ion Ratio Lower Upper

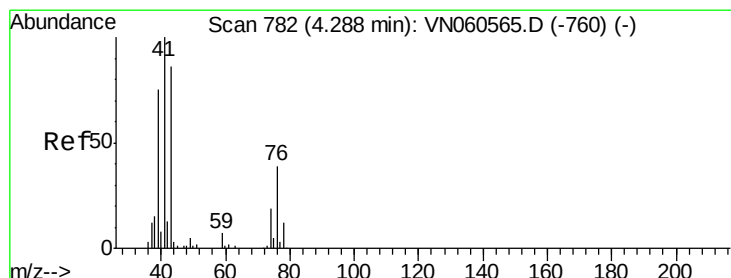
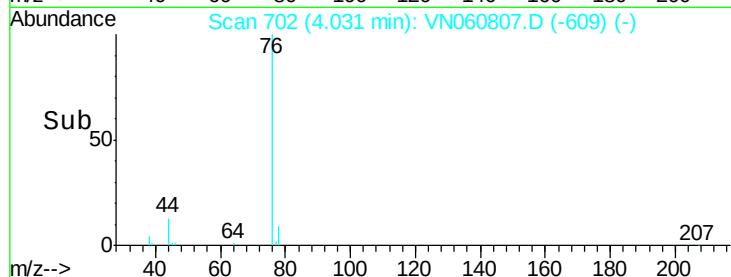
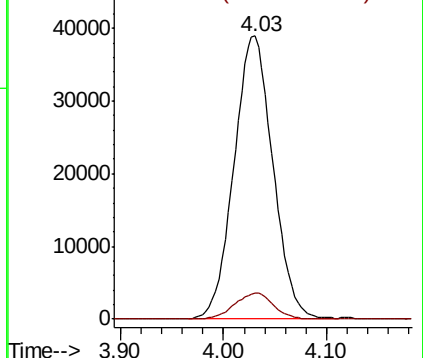
76 100

78 9.4 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: 19.673 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060807.D

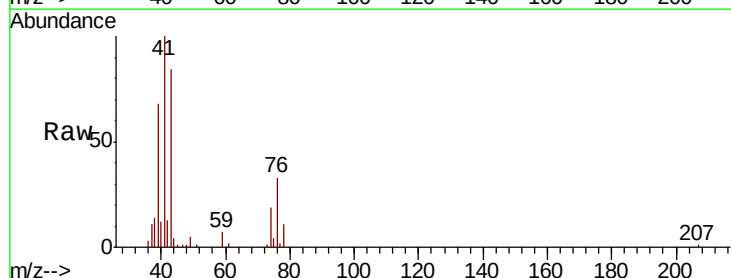
Acq: 1 Apr 2020 13:44

Tgt Ion: 43 Resp: 51666

Ion Ratio Lower Upper

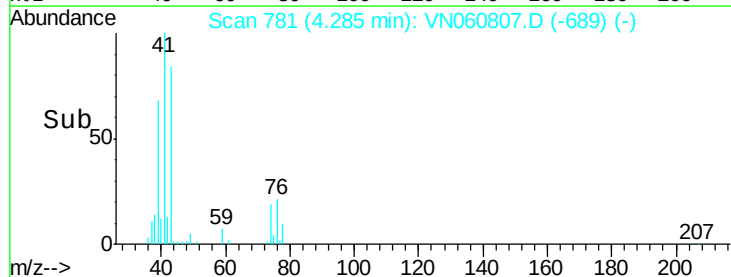
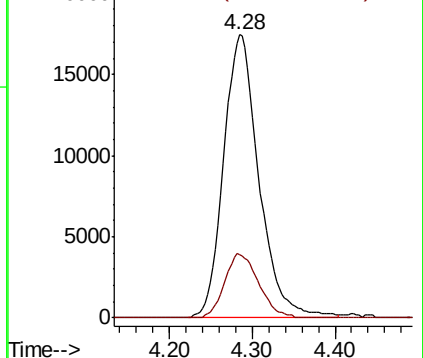
43 100

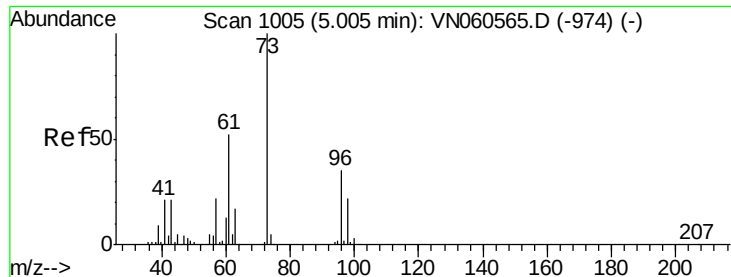
74 21.8 17.5 26.3



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: 18.368 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

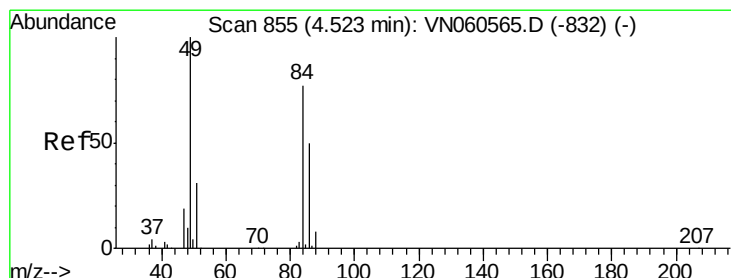
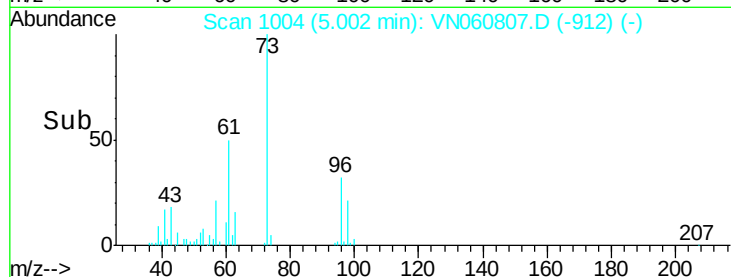
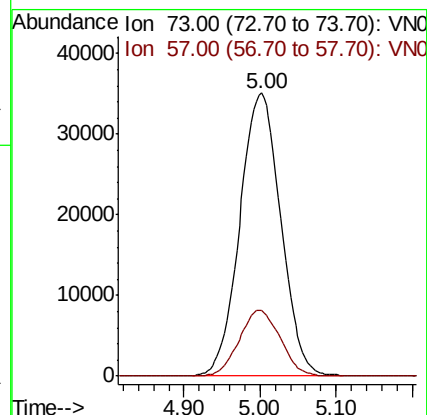
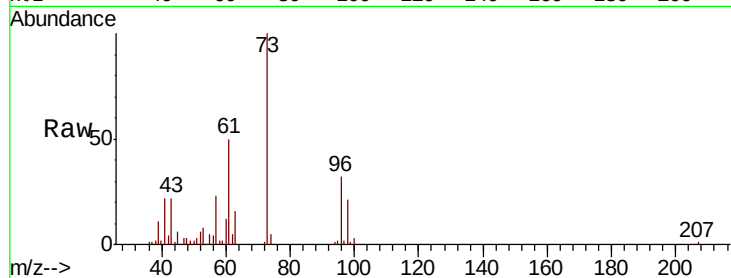
VN0401WBSD01

Tot Ion: 73 Resp: 131194

Ion Ratio Lower Upper

73 100

57 23.0 17.5 26.3



#20

Methylene Chloride

Concen: 18.343 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Tgt Ion: 84 Resp: 42101

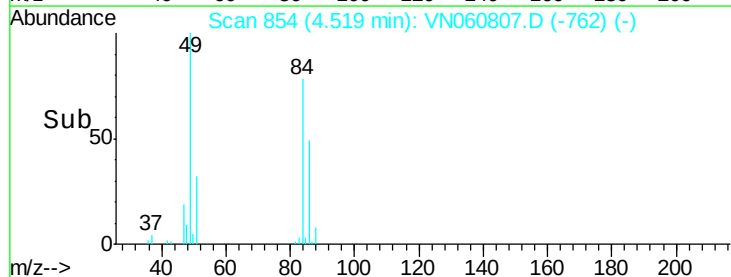
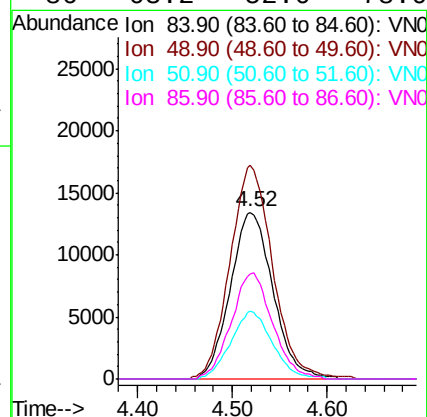
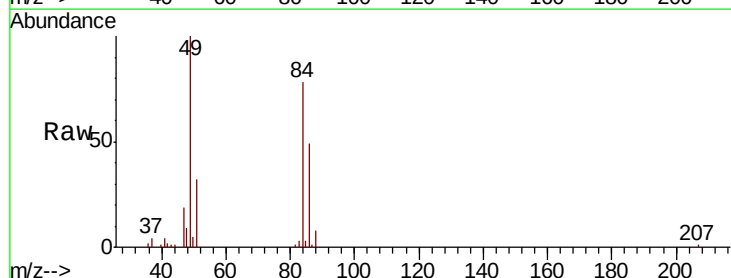
Ion Ratio Lower Upper

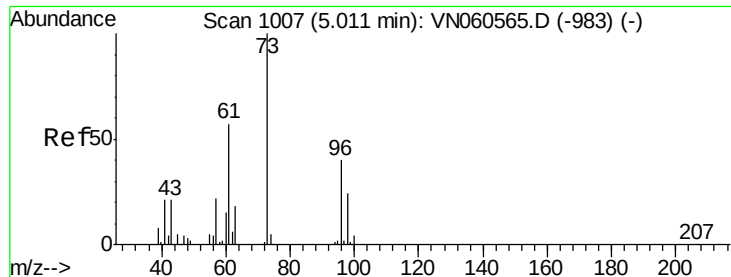
84 100

49 126.7 103.3 154.9

51 40.6 31.6 47.4

86 63.2 52.0 78.0

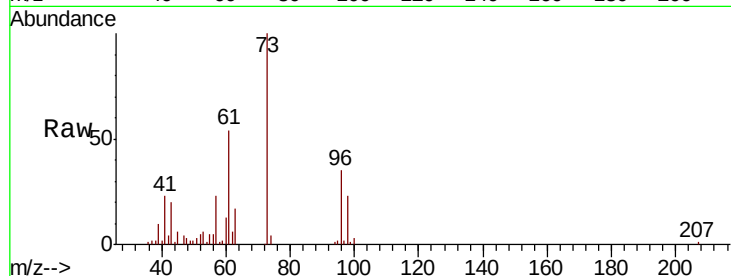




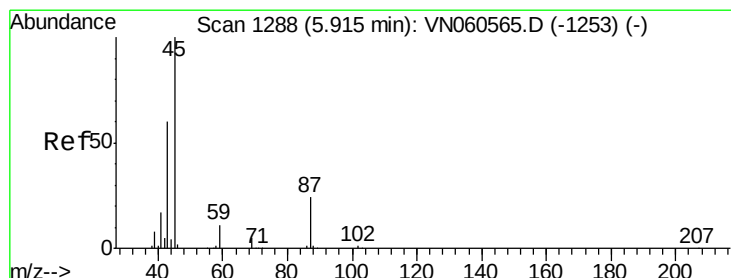
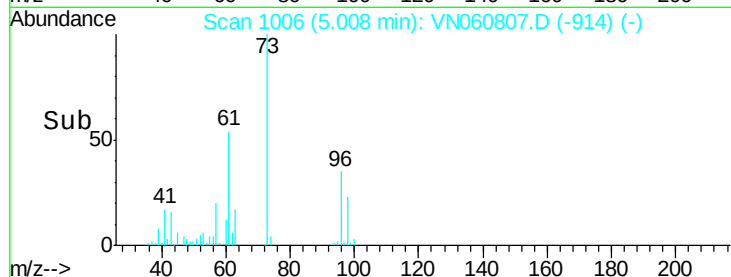
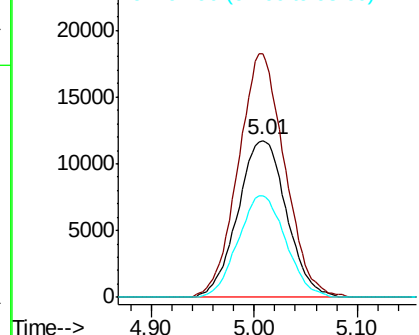
#21
trans-1,2-Dichloroethene
Concen: 17.362 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBSD01

Tot Ion: 96 Resp: 38441
Ion Ratio Lower Upper
96 100
61 155.2 114.4 171.6
98 65.2 48.4 72.6

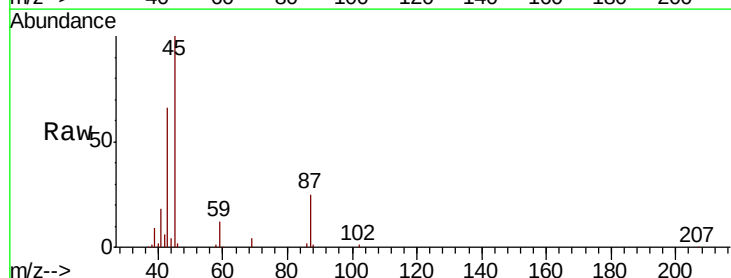


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

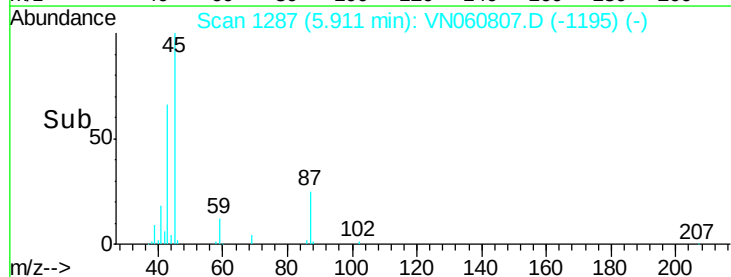
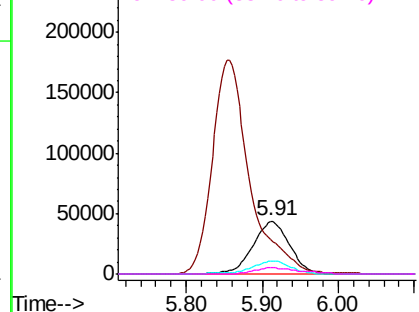


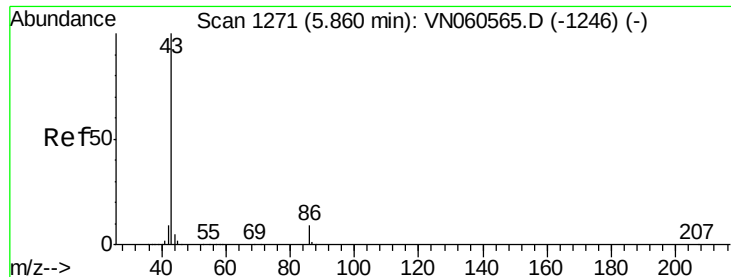
#22
Diisopropyl ether
Concen: 18.929 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion: 45 Resp: 146122
Ion Ratio Lower Upper
45 100
43 64.2 49.8 74.8
87 25.2 20.1 30.1
59 11.9 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: 96.026 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

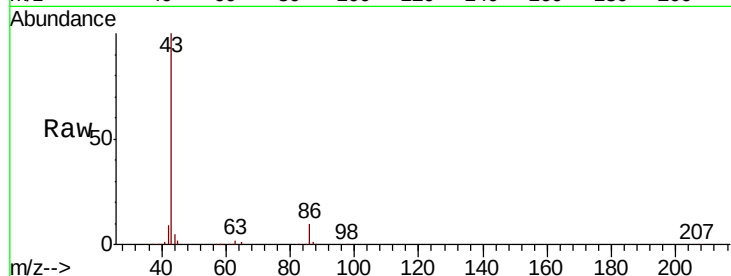
VN0401WBSD01

Tot Ion: 43 Resp: 604807

Ion Ratio Lower Upper

43 100

86 9.6 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

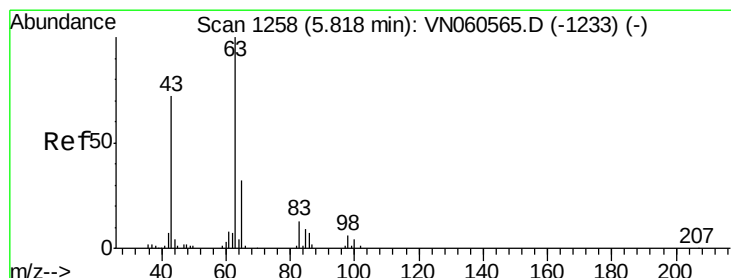
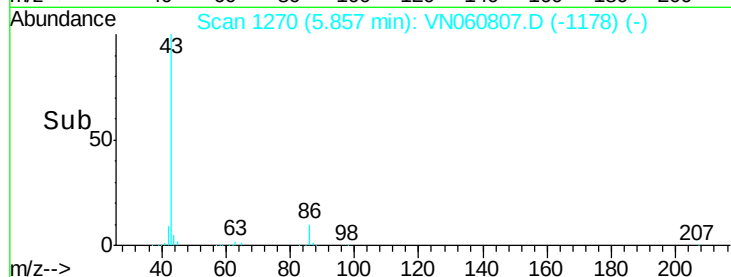
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.457 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

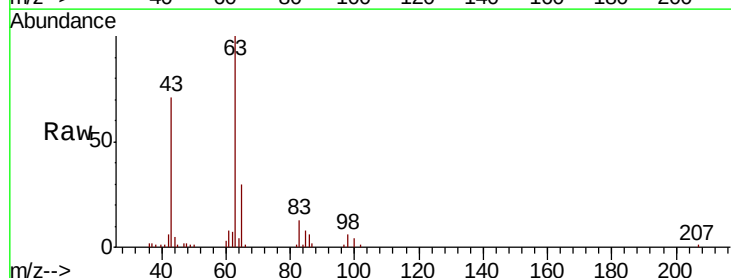
Tgt Ion: 63 Resp: 77670

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

100 4.1 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

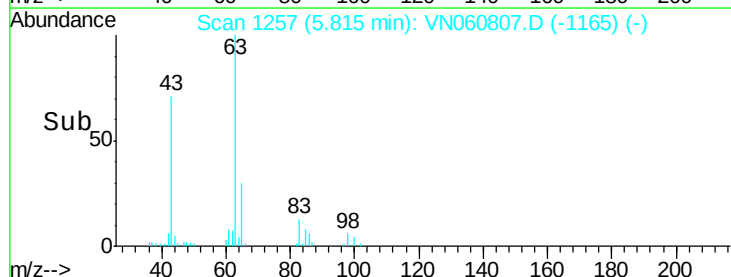
30000

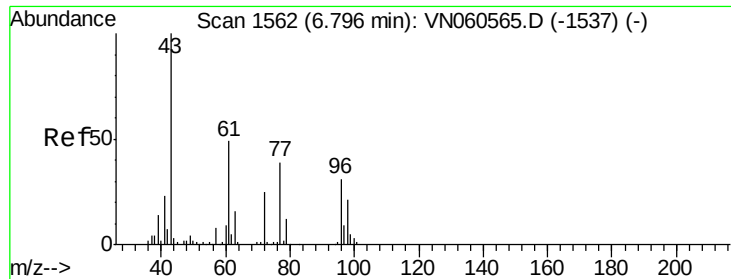
20000

10000

0

Time--> 5.70 5.80 5.90

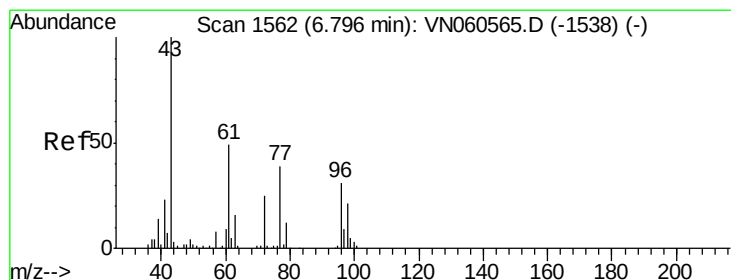
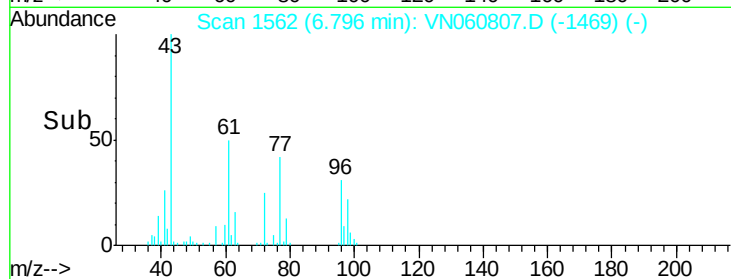
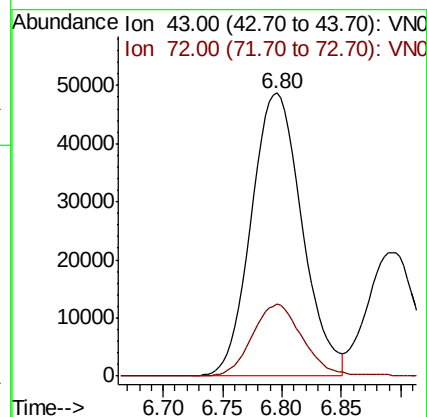
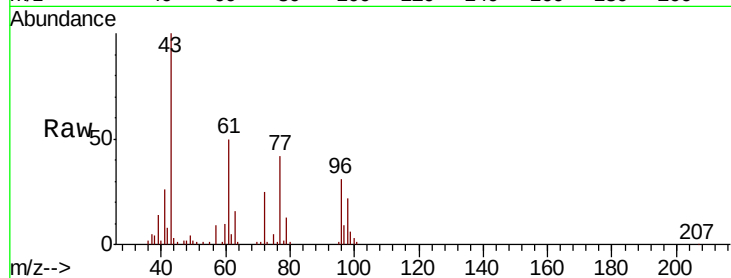




#25
2-Butanone
Concen: 95.437 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

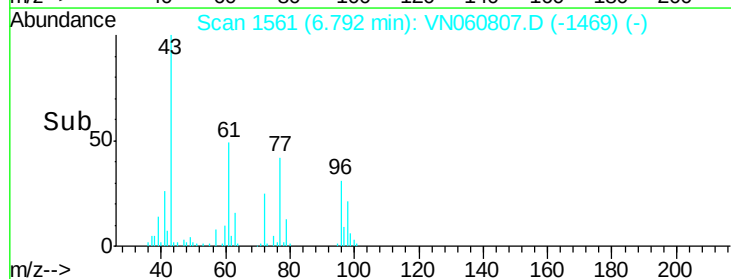
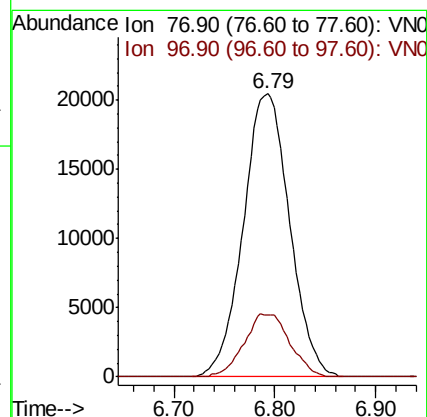
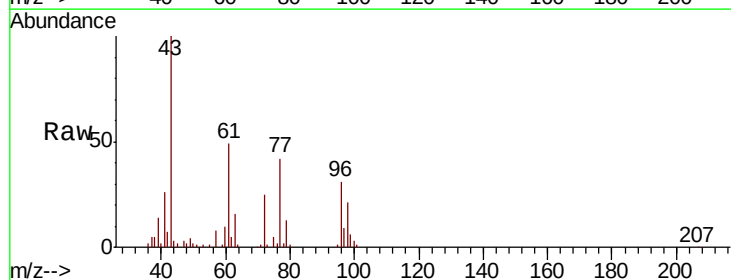
Instrument :
MSVOA_N
ClientSampled :
VN0401WBSD01

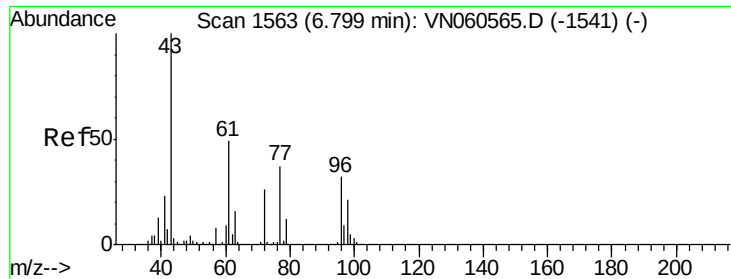
Tot Ion: 43 Resp: 144094
Ion Ratio Lower Upper
43 100
72 25.3 20.4 30.6



#26
2,2-Dichloropropane
Concen: 19.713 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion: 77 Resp: 65271
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.084 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

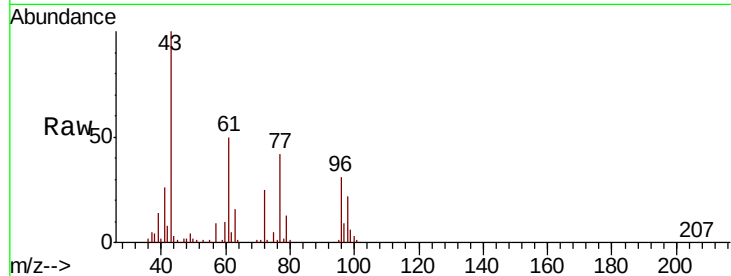
Tot Ion: 96 Resp: 45500

Ion Ratio Lower Upper

96 100

61 157.8 0.0 305.6

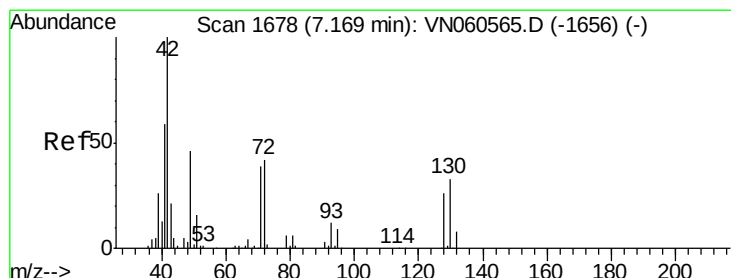
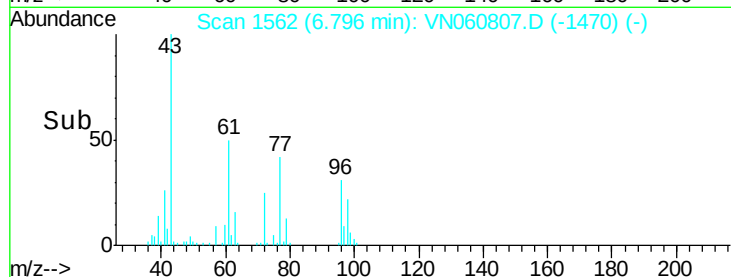
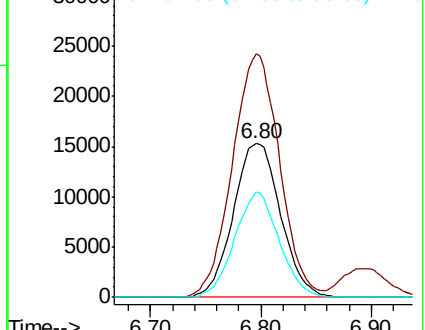
98 64.1 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.900 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

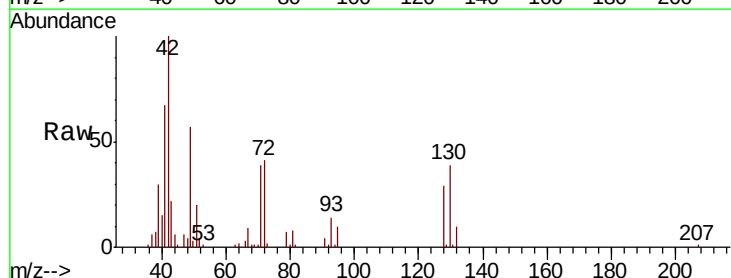
Tgt Ion: 49 Resp: 40066

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.4

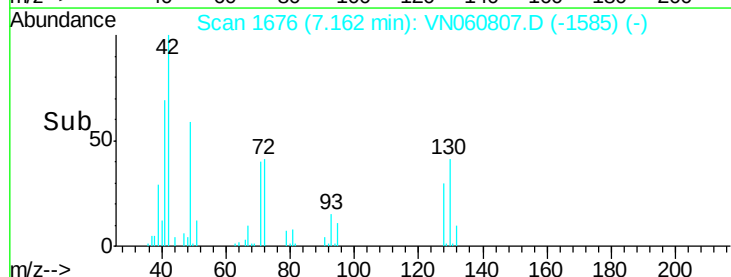
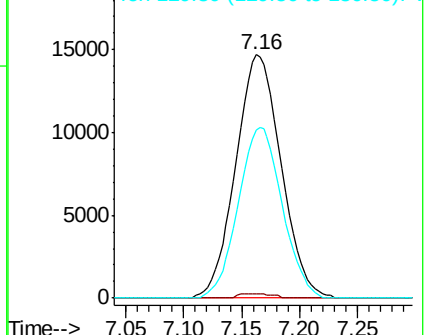
130 67.8 55.0 82.4

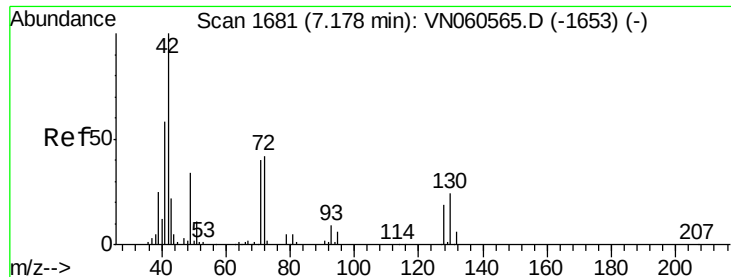


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

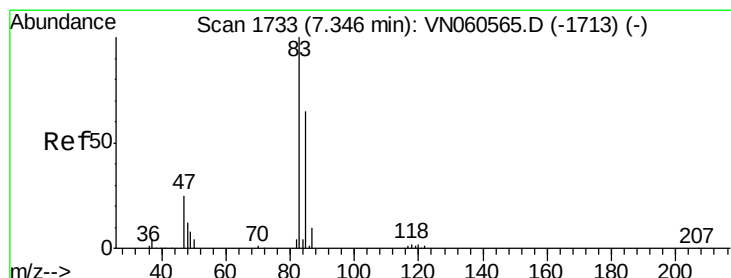
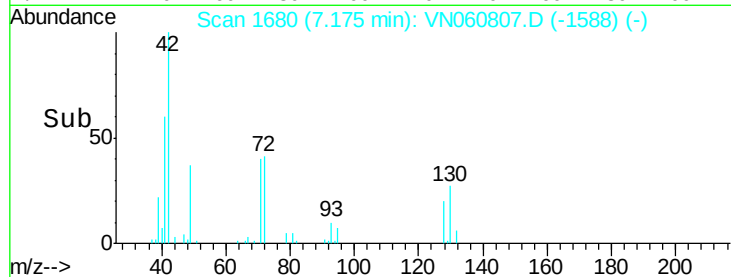
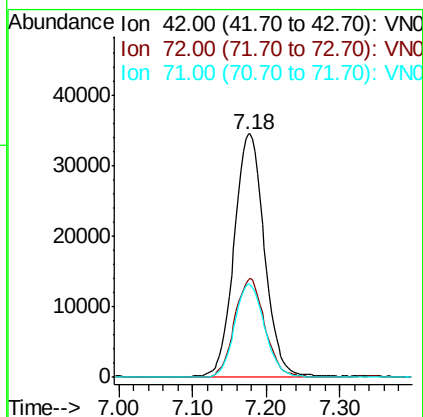
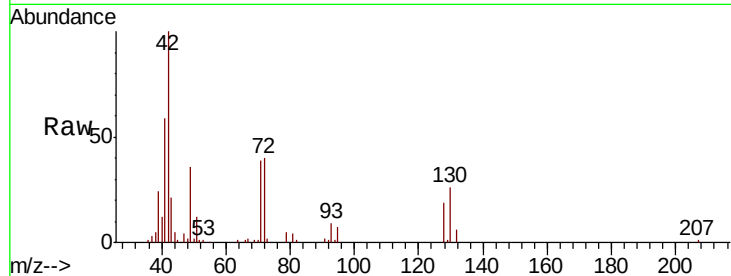




#29
Tetrahydrofuran
Concen: 92.854 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

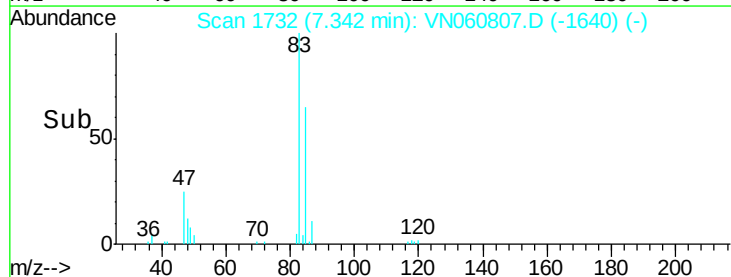
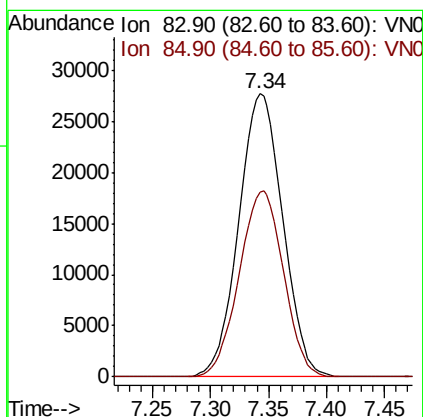
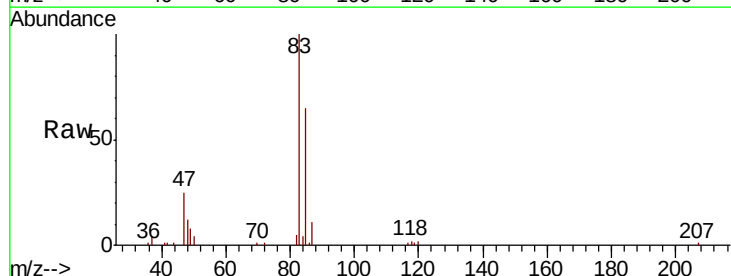
Instrument :
MSVOA_N
ClientSampled :
VN0401WBSD01

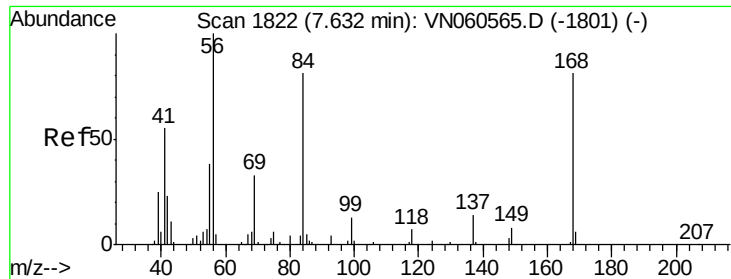
Tot Ion: 42 Resp: 99193
Ion Ratio Lower Upper
42 100
72 40.1 33.2 49.8
71 37.5 31.1 46.7



#30
Chloroform
Concen: 18.127 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion: 83 Resp: 73131
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8





#31

Cyclohexane

Concen: 17.324 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

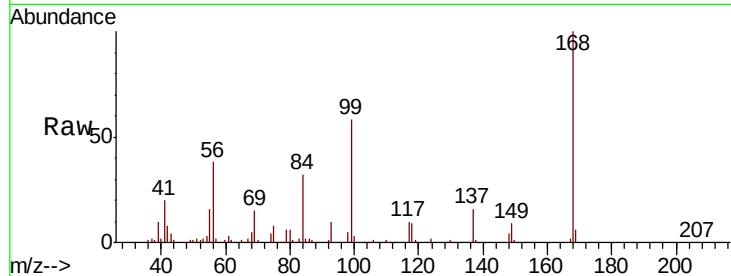
Tot Ion: 56 Resp: 73499

Ion Ratio Lower Upper

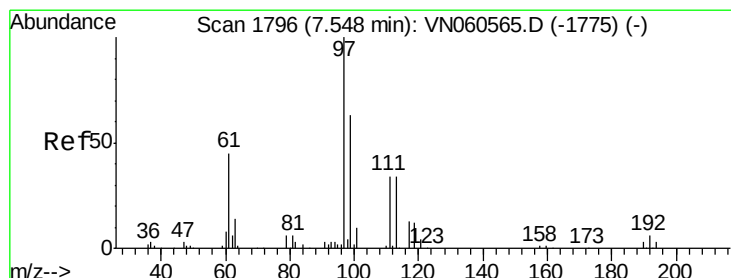
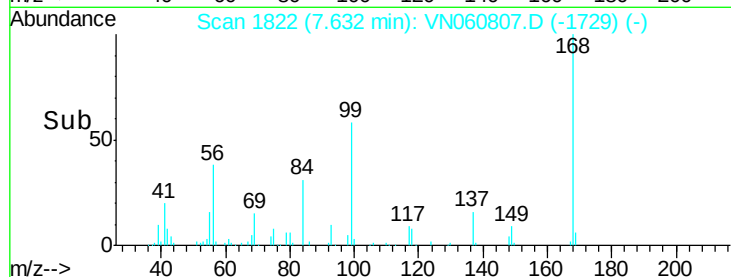
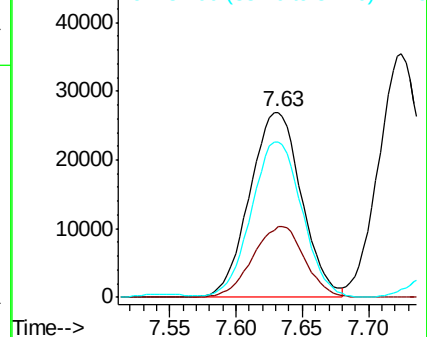
56 100

69 38.0 26.6 40.0

84 83.2 64.3 96.5



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



#32

1,1,1-Trichloroethane

Concen: 17.935 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

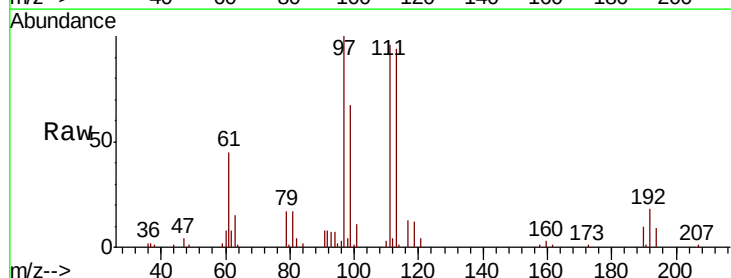
Tgt Ion: 97 Resp: 62374

Ion Ratio Lower Upper

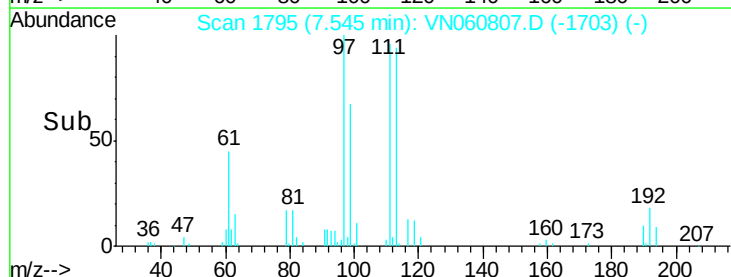
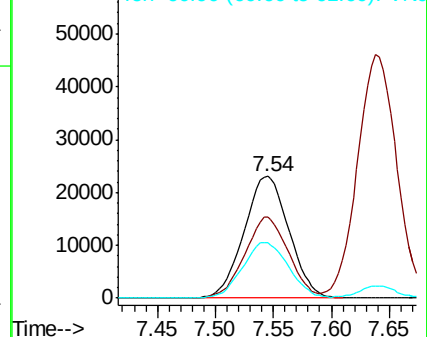
97 100

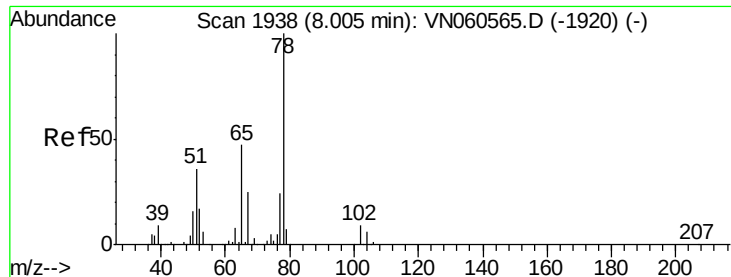
99 64.1 50.6 75.8

61 46.7 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

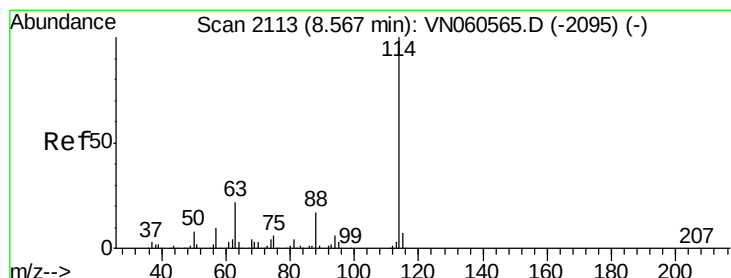
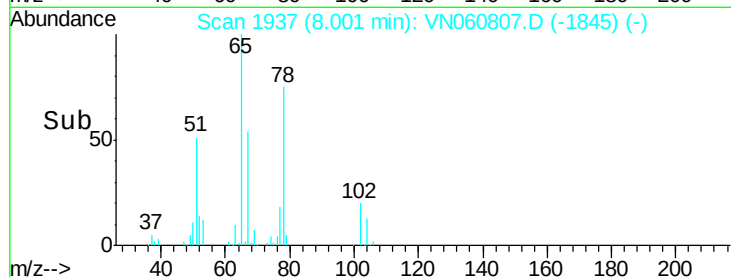
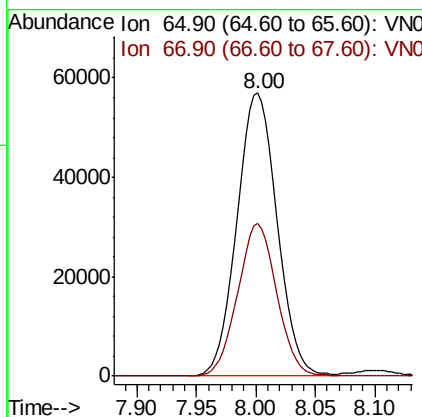
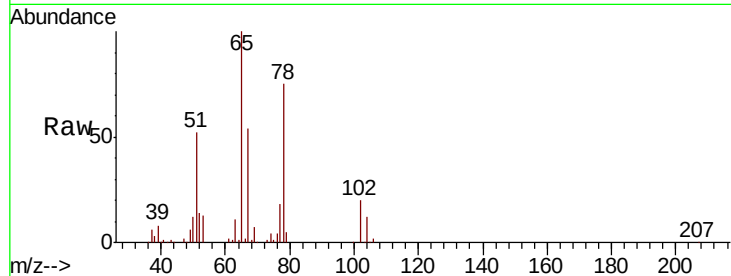




#33
 1,2-Dichloroethane-d4
 Concen: 50.637 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

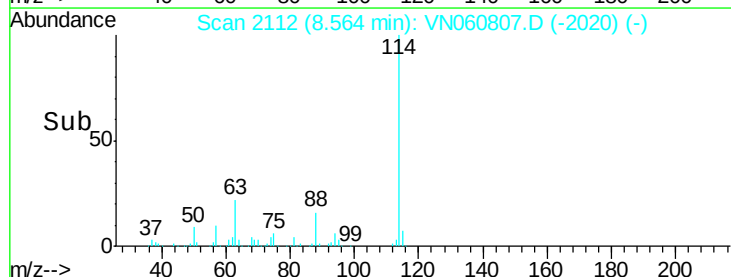
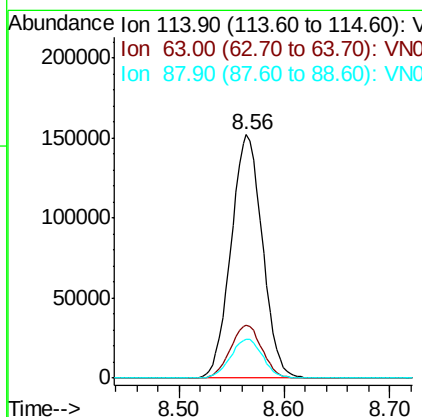
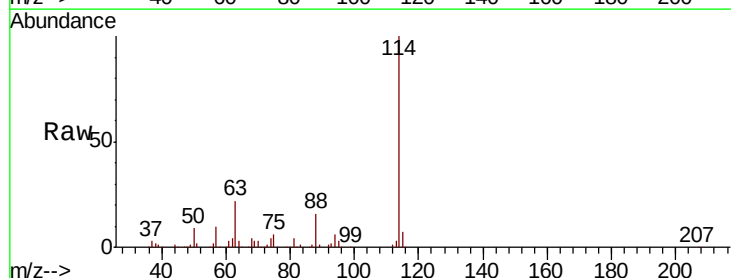
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD01

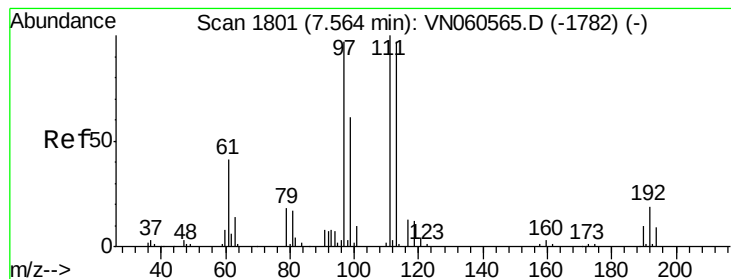
Tot Ion: 65 Resp: 133383
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

Tgt Ion: 114 Resp: 313388
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.8
 88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.938 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

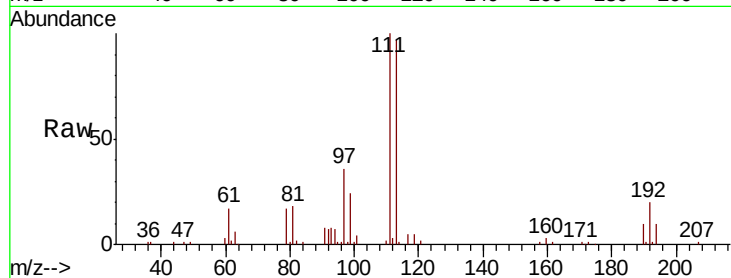
Tot Ion:113 Resp: 98421

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

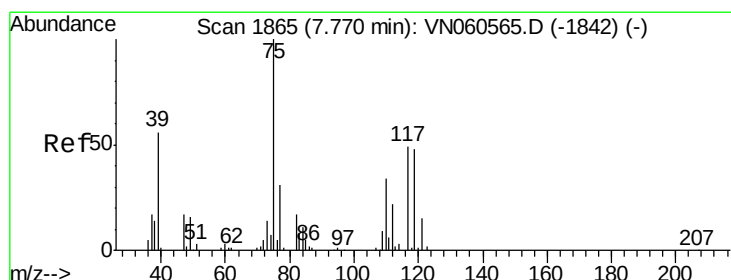
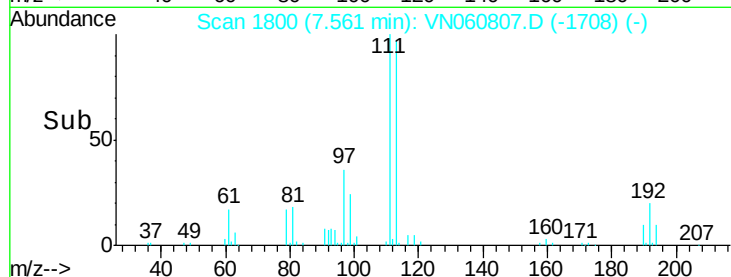
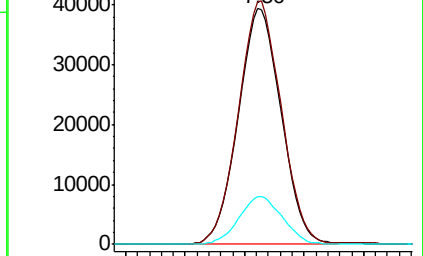
192 20.5 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.392 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

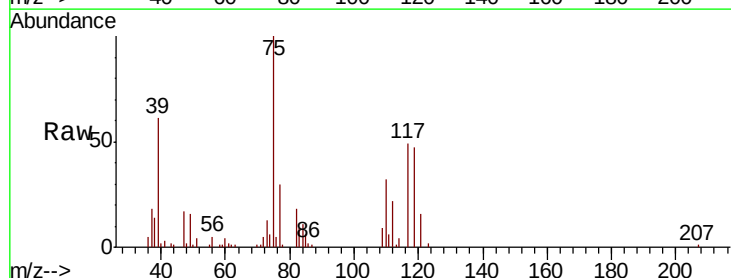
Tgt Ion: 75 Resp: 55813

Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.6

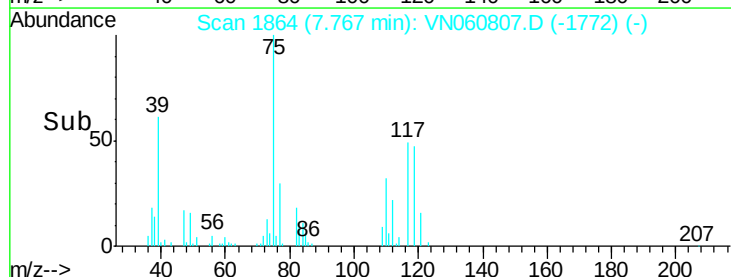
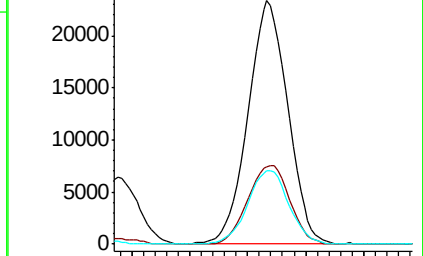
77 31.2 24.6 36.8

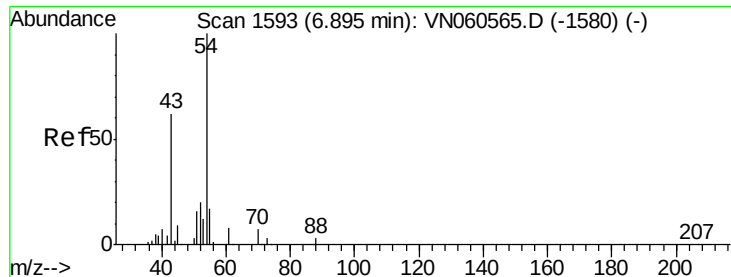


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

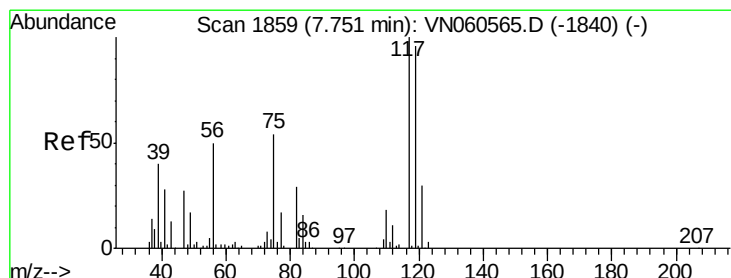
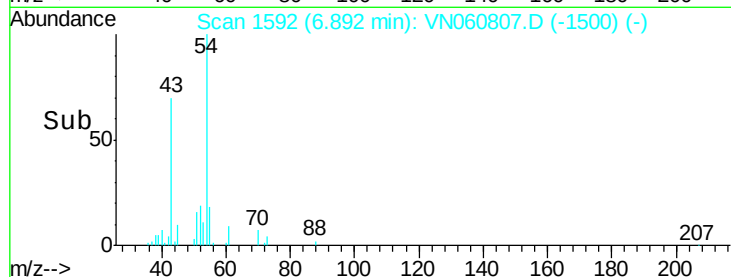
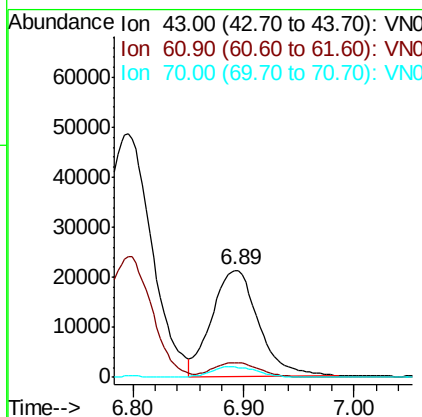
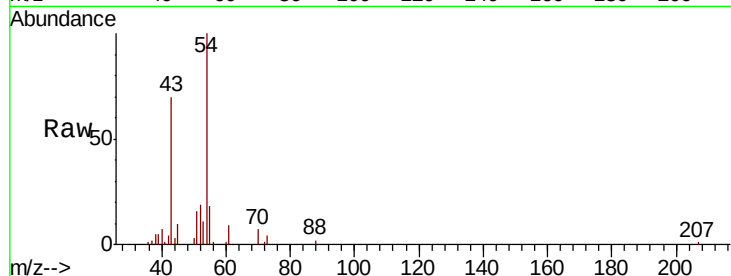




#37
Ethyl Acetate
Concen: 18.846 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

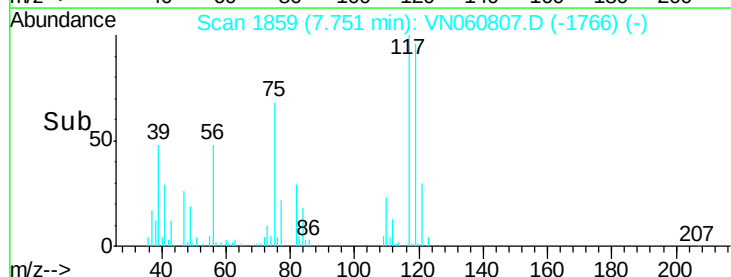
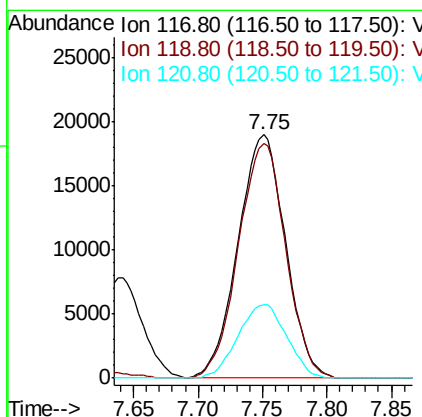
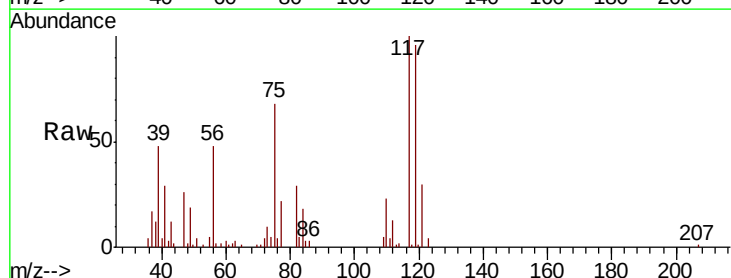
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBSD01

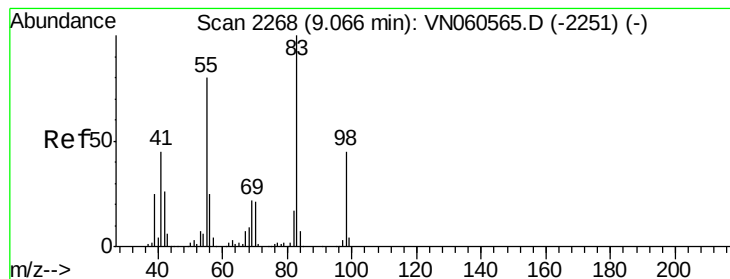
Tot Ion: 43 Resp: 61795
Ion Ratio Lower Upper
43 100
61 13.8 10.6 15.8
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 17.880 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion: 117 Resp: 48630
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.2
121 30.0 23.7 35.5





#39

Methylvlcyclohexane

Concen: 18.522 ug/l

RT: 9.06 min Scan# 2267

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

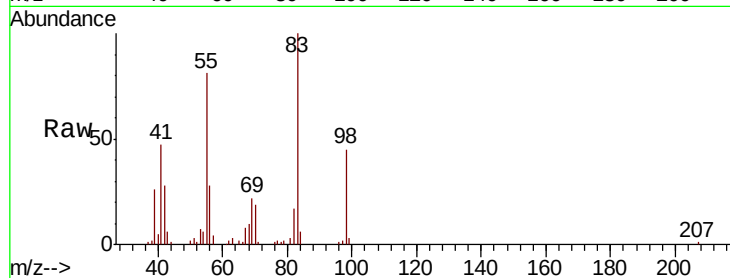
Tot Ion: 83 Resp: 66793

Ion Ratio Lower Upper

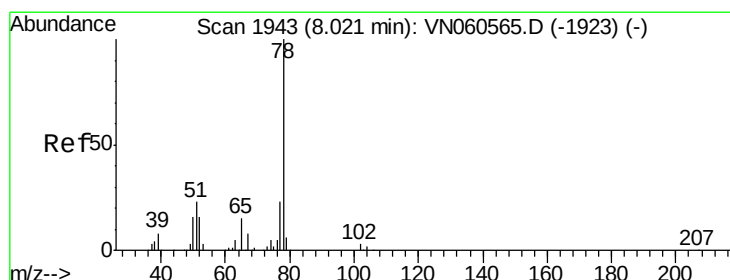
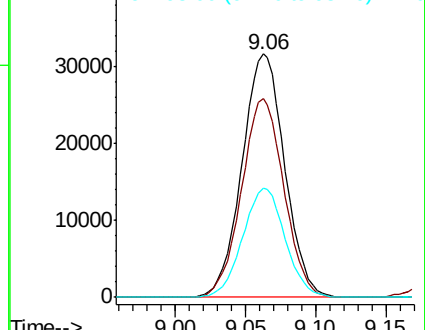
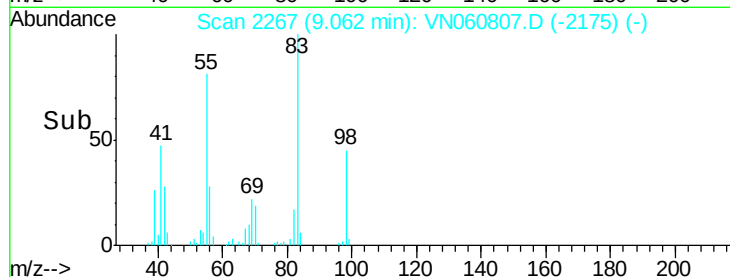
83 100

55 81.4 63.6 95.4

98 44.6 36.0 54.0



Abundance Ion 83.00 (82.70 to 83.70): VN060807.D (-2175) (-)



#40

Benzene

Concen: 18.507 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN060807.D

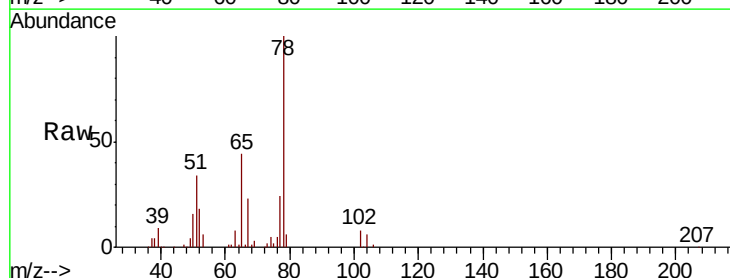
Acq: 1 Apr 2020 13:44

Tgt Ion: 78 Resp: 169540

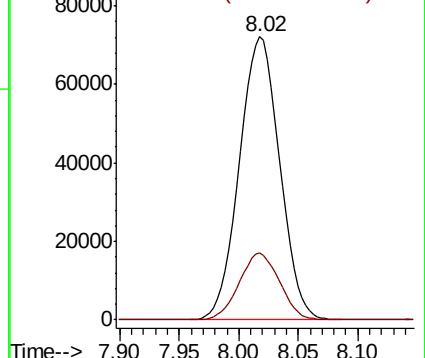
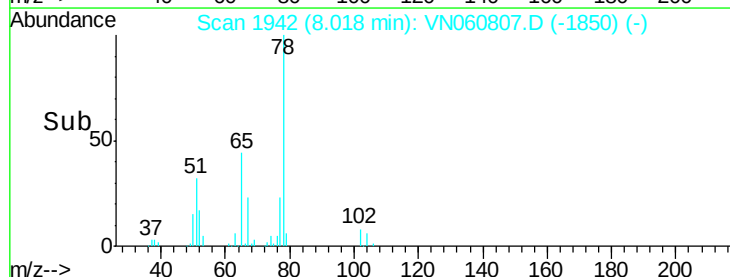
Ion Ratio Lower Upper

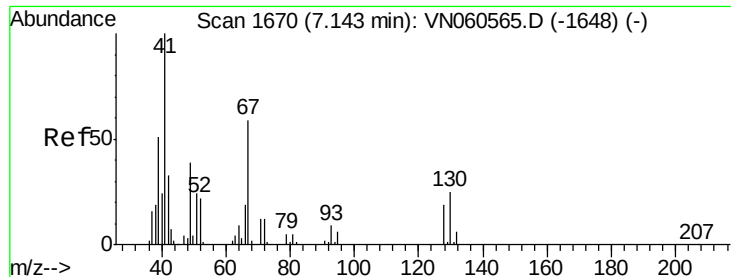
78 100

77 23.8 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN060807.D (-1850) (-)

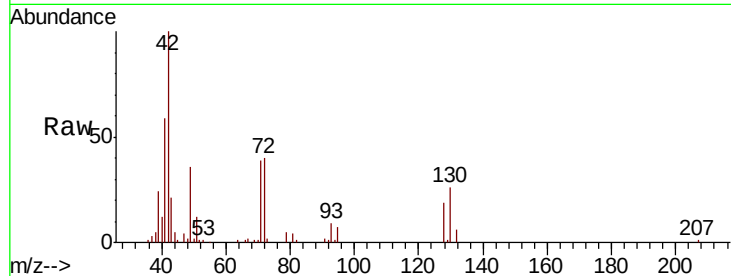




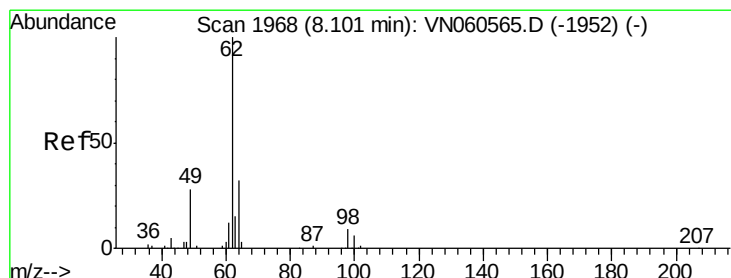
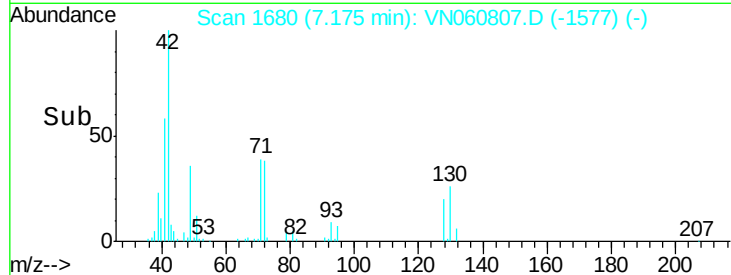
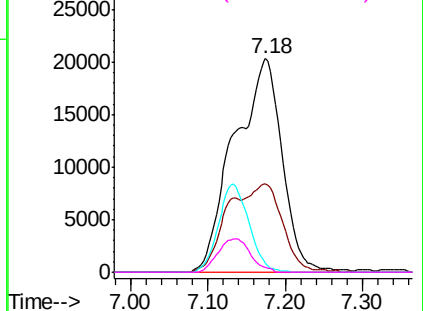
#41
Methacrylonitrile
Concen: 62.641 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBSD01

Tot Ion:	41	Resp:	87656
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

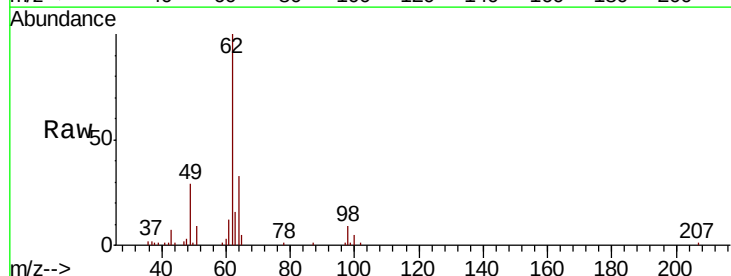


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

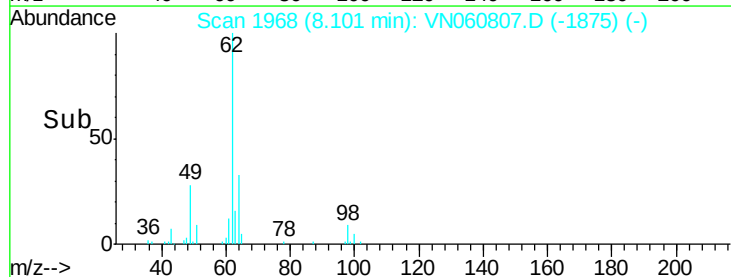
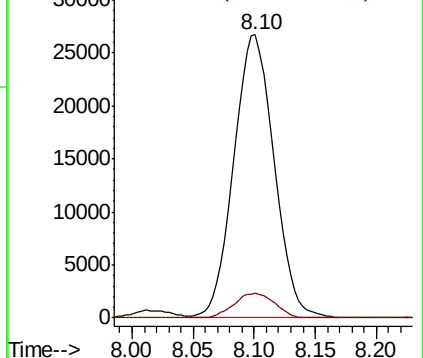


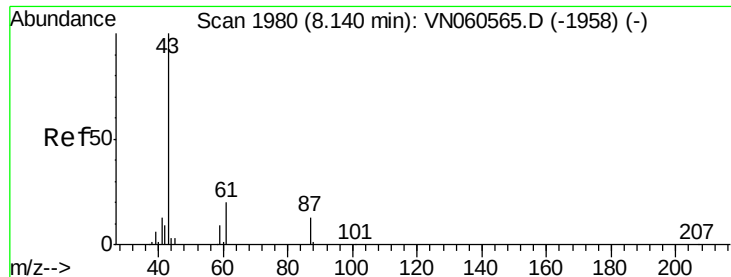
#42
1,2-Dichloroethane
Concen: 19.572 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion:	62	Resp:	61273
Ion	Ratio	Lower	Upper
62	100		
98	8.6	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: 19.103 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

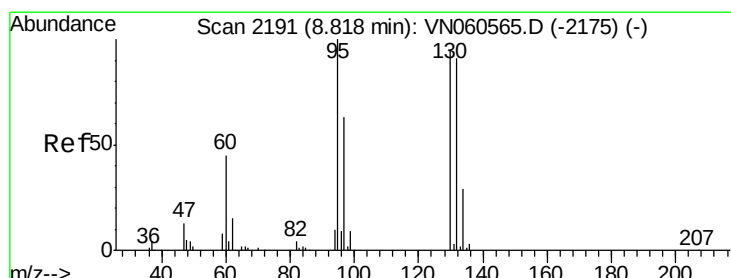
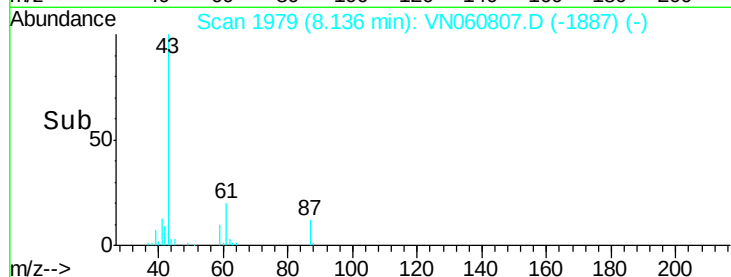
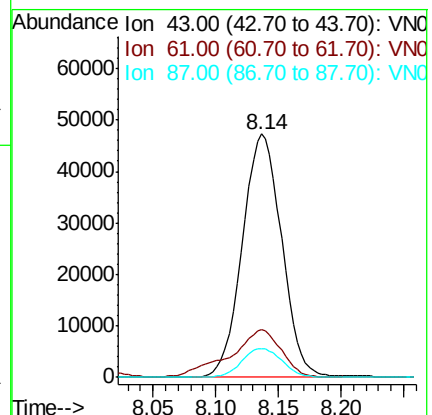
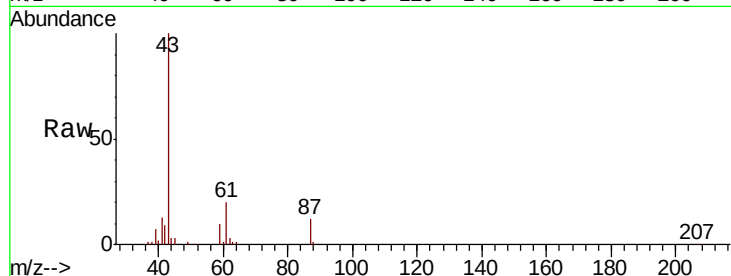
Tot Ion: 43 Resp: 103302

Ion Ratio Lower Upper

43 100

61 25.7 20.7 31.1

87 12.2 9.8 14.8



#44

Trichloroethene

Concen: 18.792 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060807.D

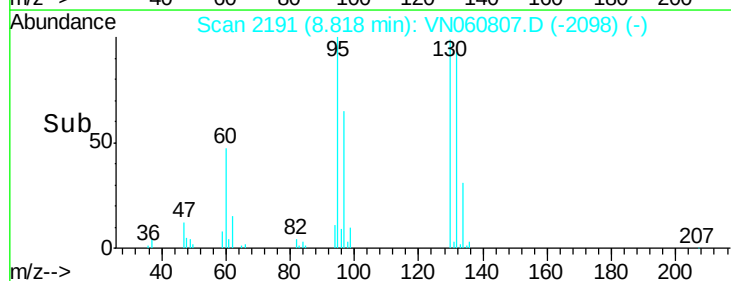
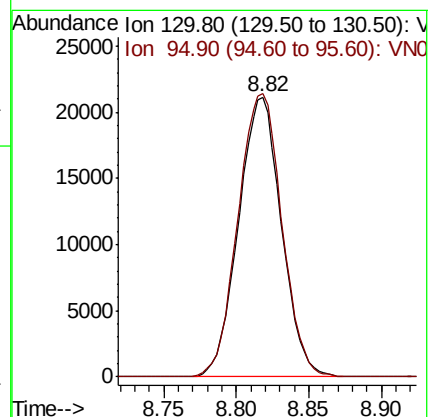
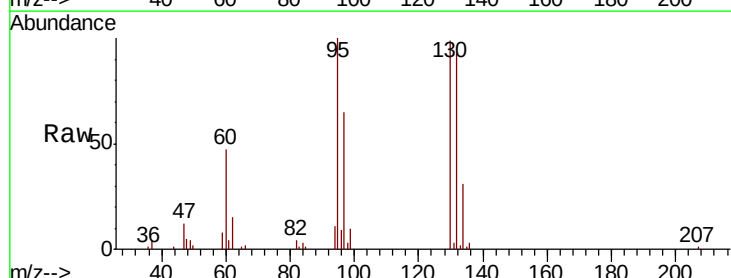
Acq: 1 Apr 2020 13:44

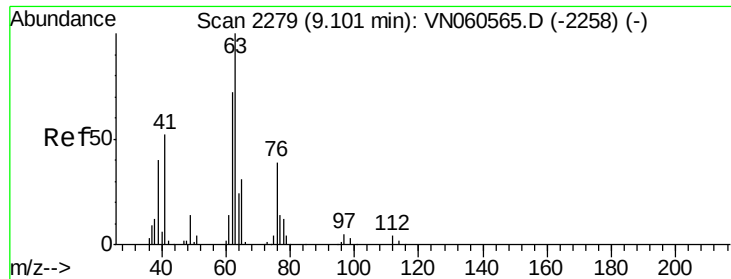
Tgt Ion:130 Resp: 43396

Ion Ratio Lower Upper

130 100

95 101.1 0.0 211.2





#45

1,2-Dichloropropane

Concen: 19.379 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

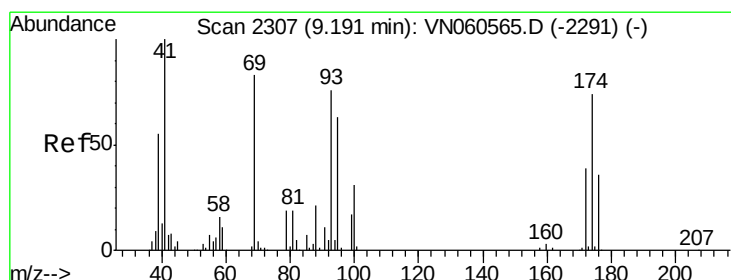
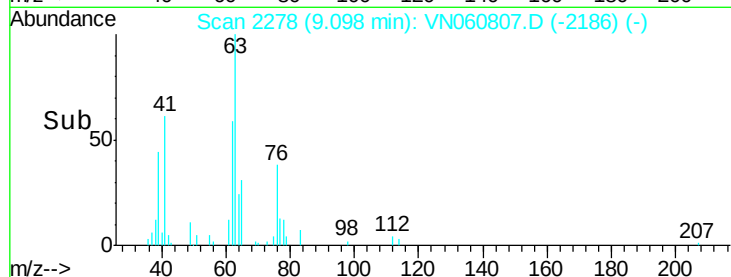
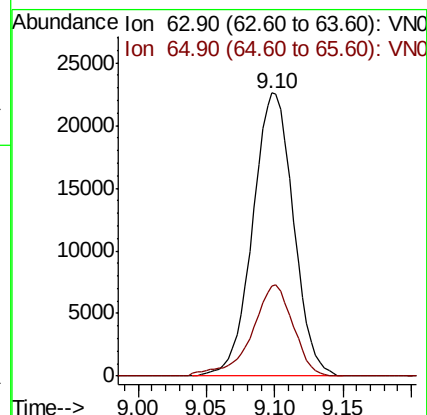
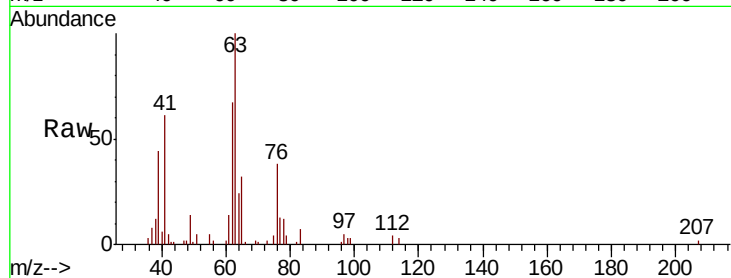
VN0401WBSD01

Tot Ion: 63 Resp: 46843

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0



#46

Dibromomethane

Concen: 18.906 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

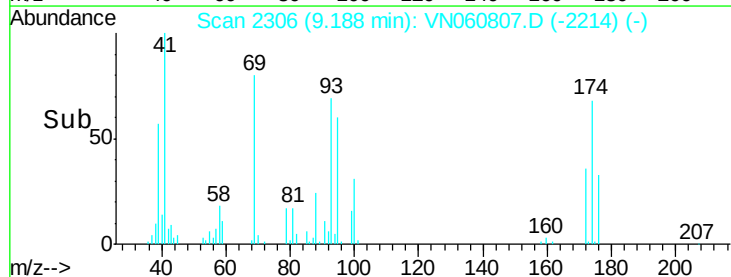
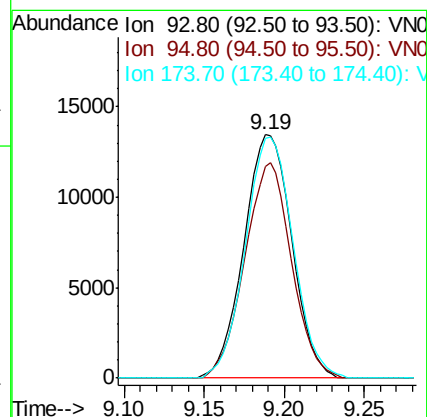
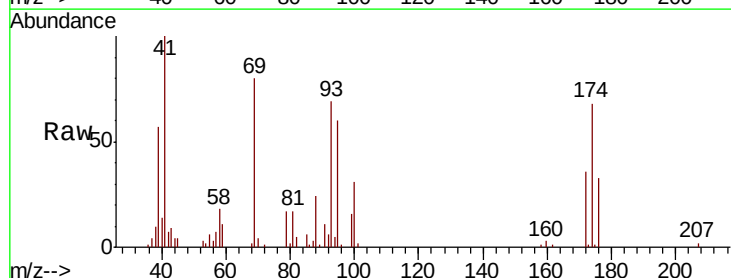
Tgt Ion: 93 Resp: 27628

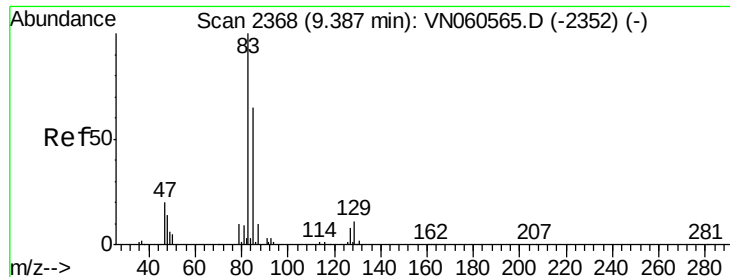
Ion Ratio Lower Upper

93 100

95 86.2 66.2 99.4

174 98.5 77.9 116.9





#47

Bromodichloromethane

Concen: 19.085 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

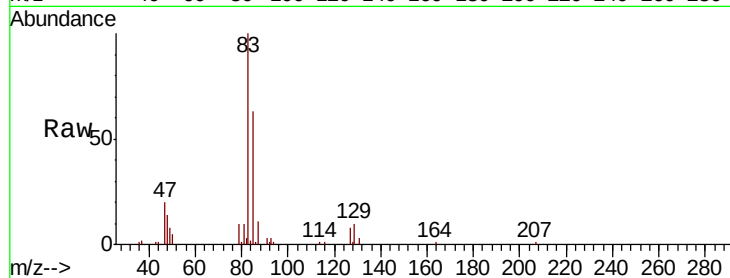
Tot Ion: 83 Resp: 57954

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.6

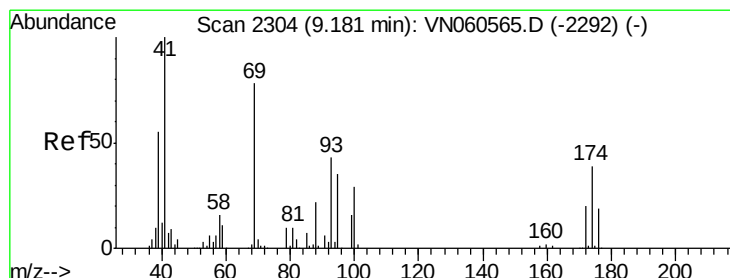
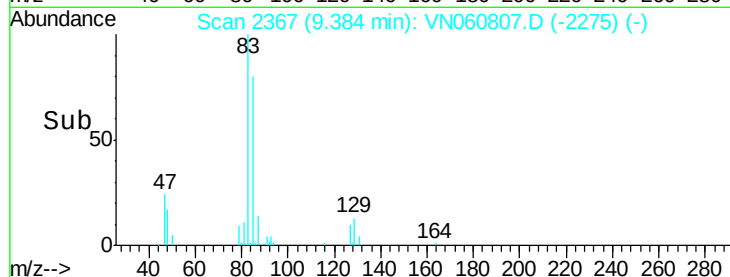
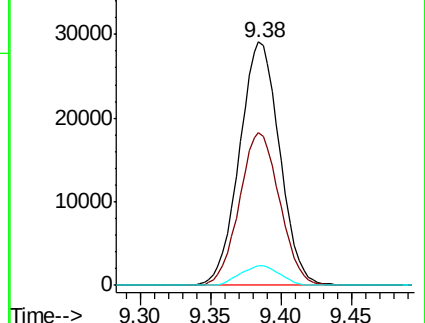
127 8.0 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060807.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060807.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060807.D (-2275) (-)



#48

Methyl methacrylate

Concen: 18.530 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

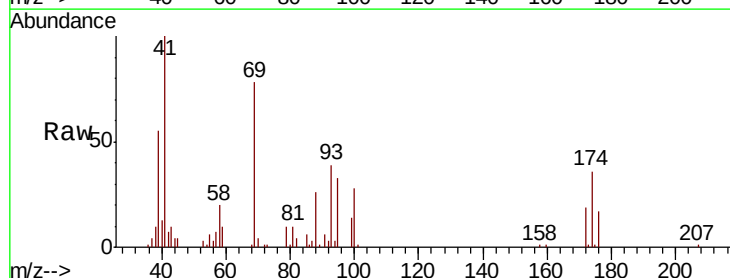
Tgt Ion: 41 Resp: 44613

Ion Ratio Lower Upper

41 100

69 81.7 65.4 98.0

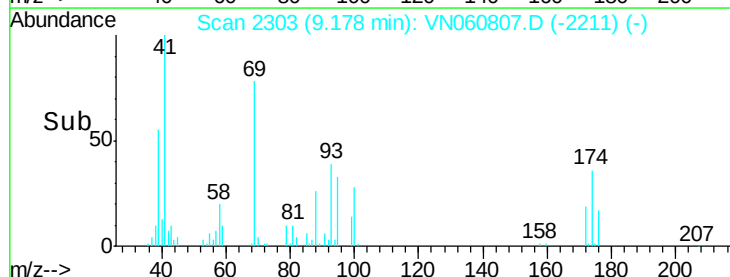
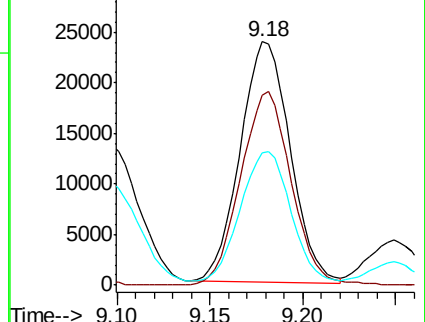
39 57.9 44.0 66.0

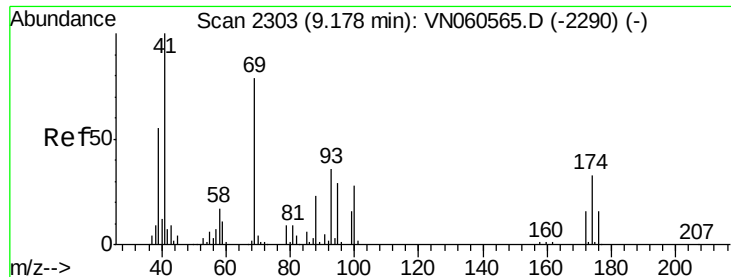


Abundance Ion 41.00 (40.70 to 41.70): VN060807.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060807.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060807.D (-2211) (-)

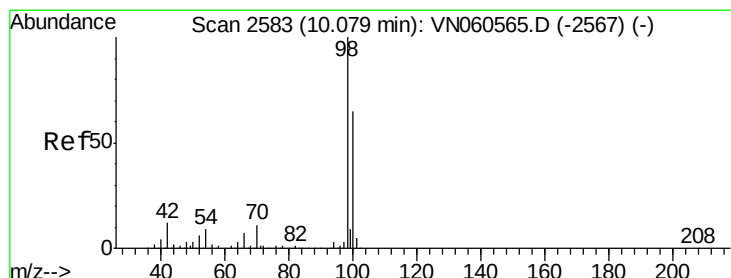
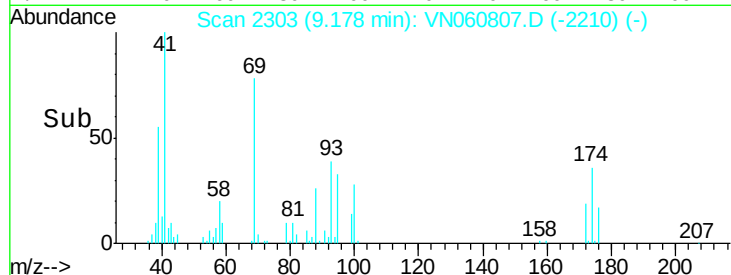
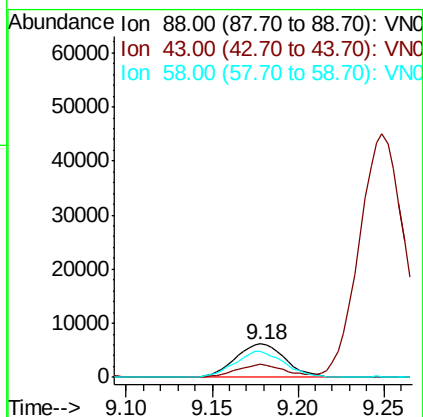
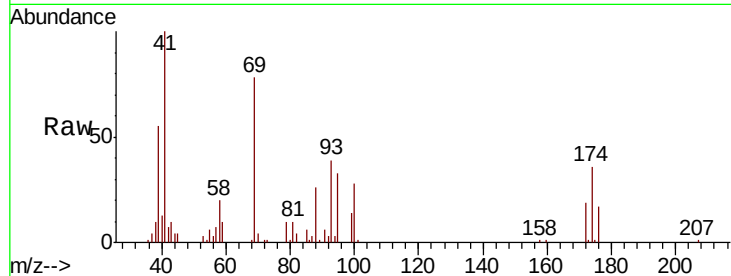




#49
 1,4-Dioxane
 Concen: 439.107 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

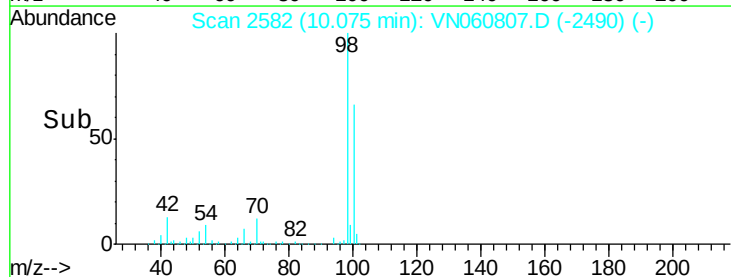
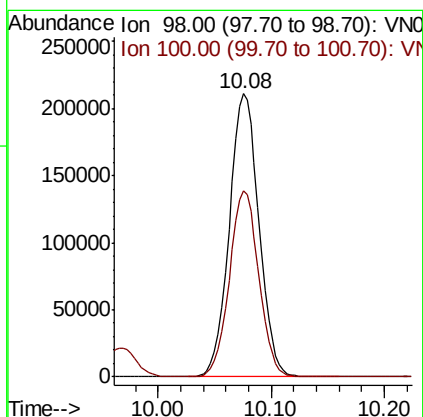
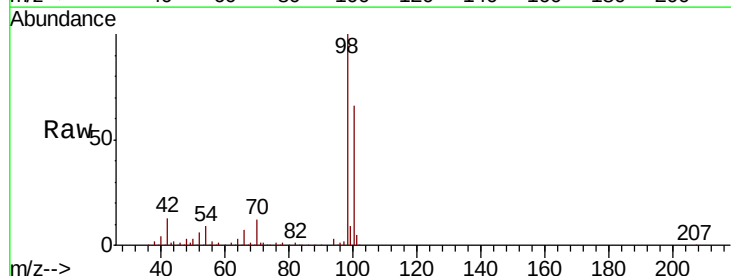
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD01

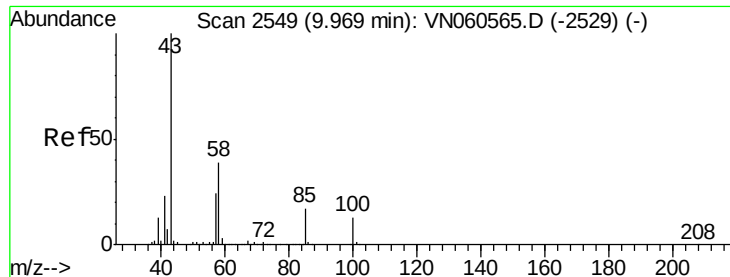
Tot Ion: 88 Resp: 12566
 Ion Ratio Lower Upper
 88 100
 43 37.4 30.8 46.2
 58 76.2 59.8 89.8



#50
 Toluene-d8
 Concen: 49.618 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

Tgt Ion: 98 Resp: 384048
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.8 77.8

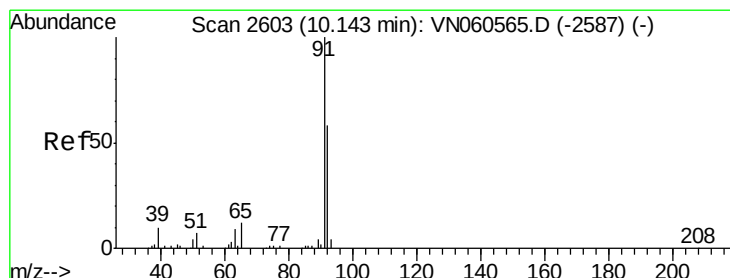
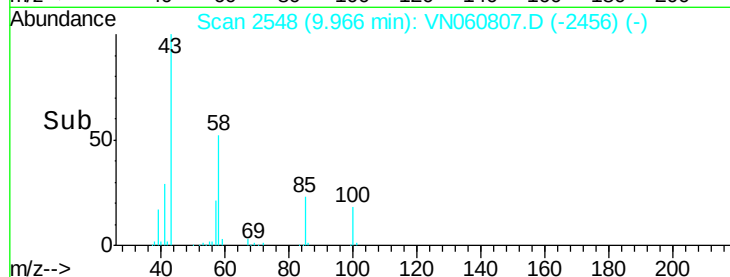
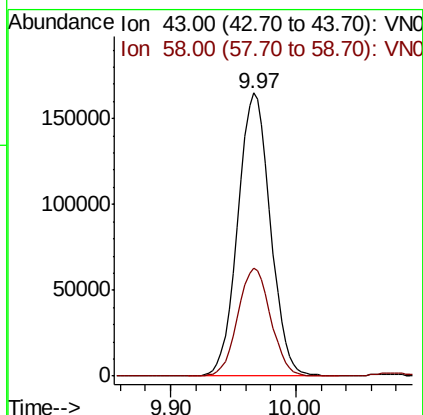
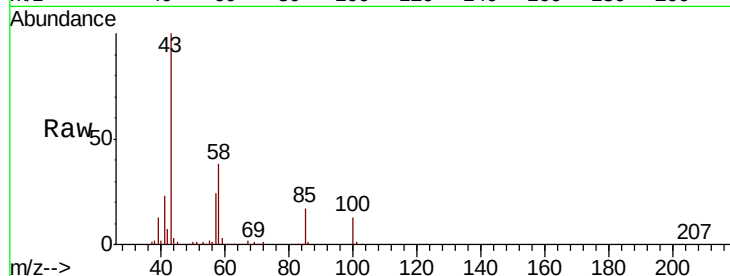




#51
 4-Methyl-2-Pentanone
 Concen: 96.807 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

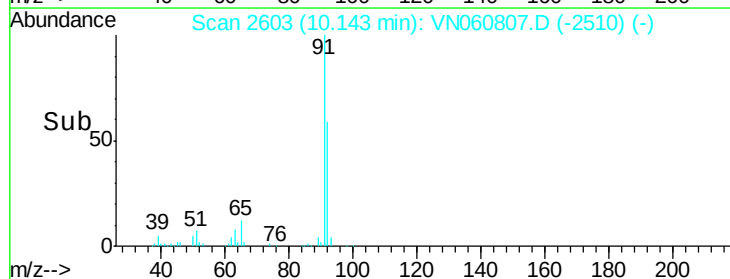
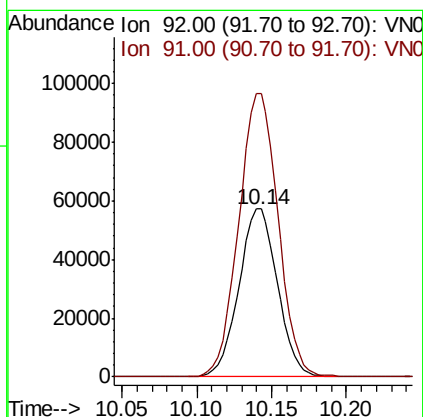
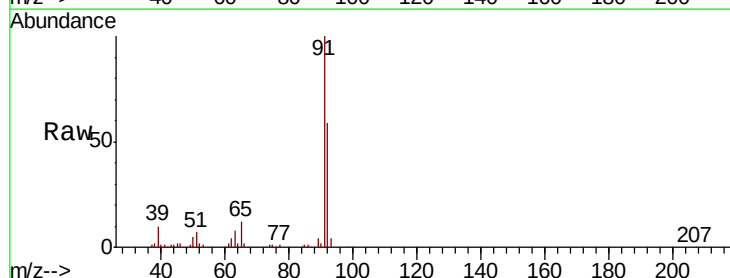
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0401WBSD01

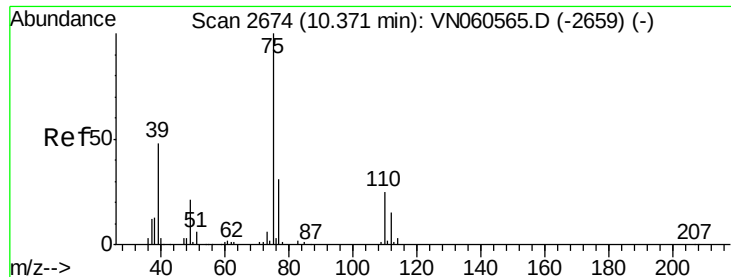
Tot Ion: 43 Resp: 297888
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.8 46.2



#52
 Toluene
 Concen: 18.552 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

Tgt Ion: 92 Resp: 102638
 Ion Ratio Lower Upper
 92 100
 91 172.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.117 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

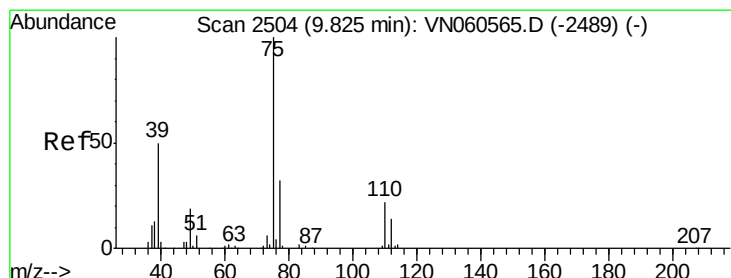
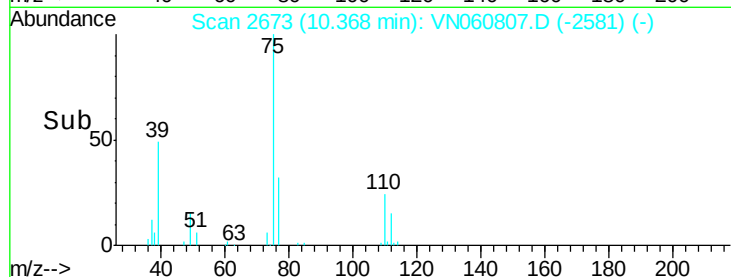
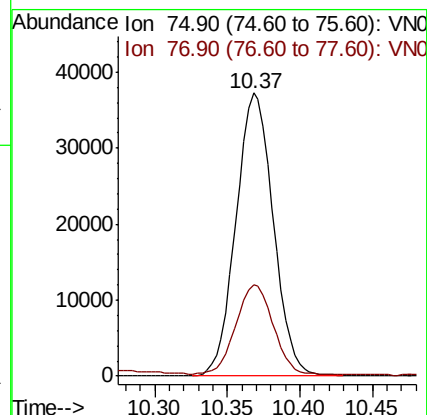
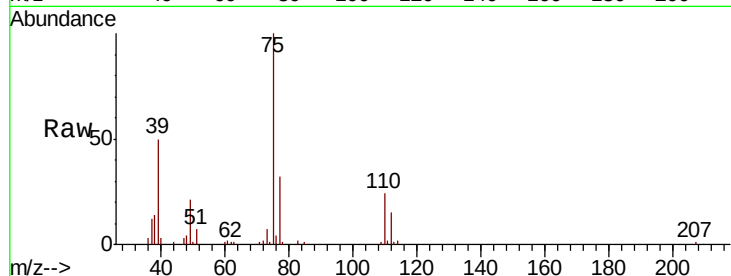
VN0401WBSD01

Tot Ion: 75 Resp: 66683

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 18.988 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

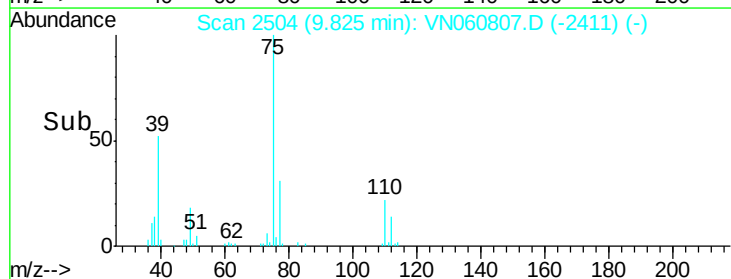
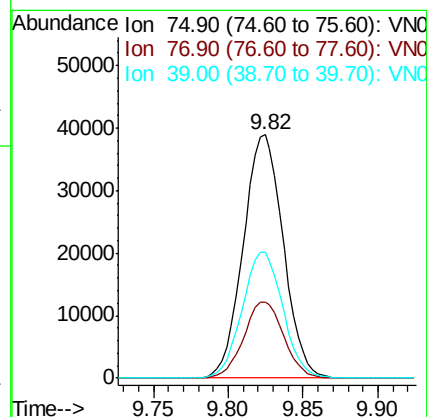
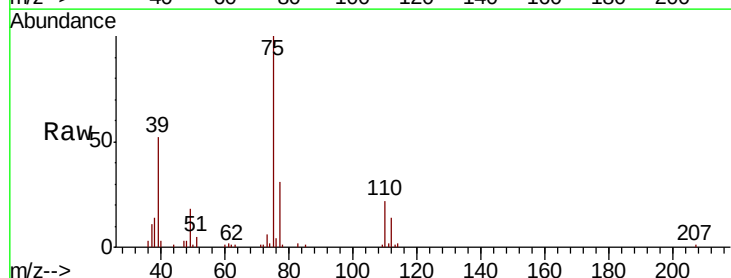
Tgt Ion: 75 Resp: 72660

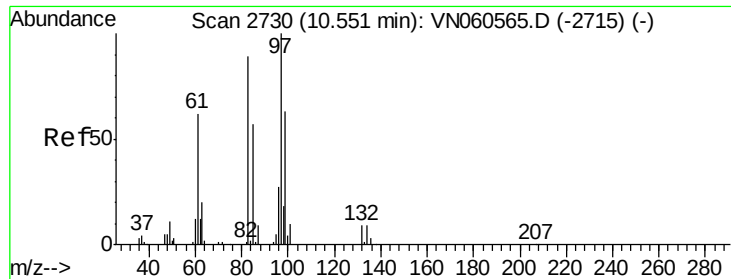
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 51.8 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 19.155 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

Tot Ion: 97 Resp: 40770

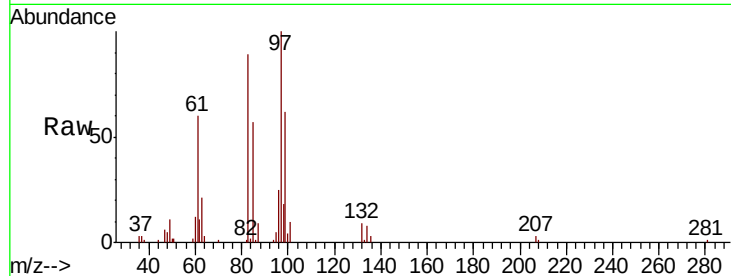
Ion Ratio Lower Upper

97 100

83 88.7 71.3 106.9

85 56.8 45.2 67.8

99 61.6 50.1 75.1

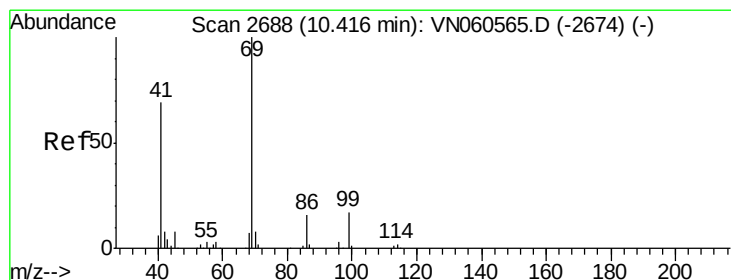
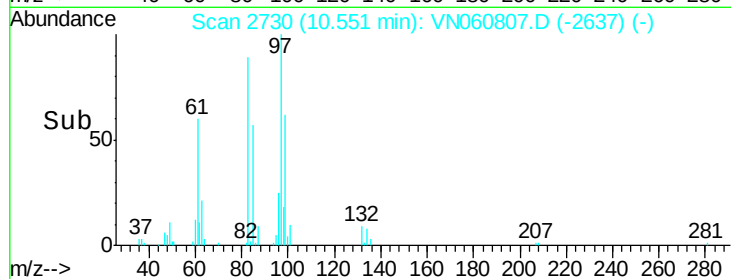
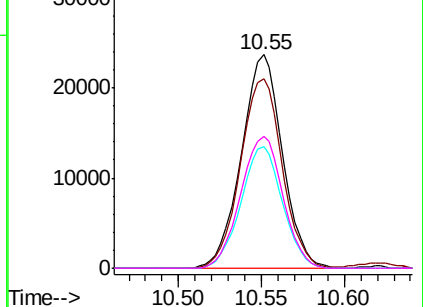


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.862 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

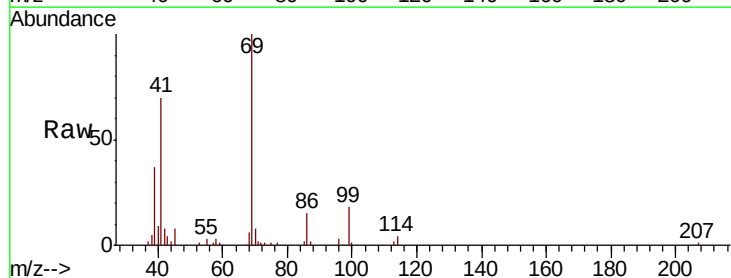
Tgt Ion: 69 Resp: 62596

Ion Ratio Lower Upper

69 100

41 70.8 55.4 83.2

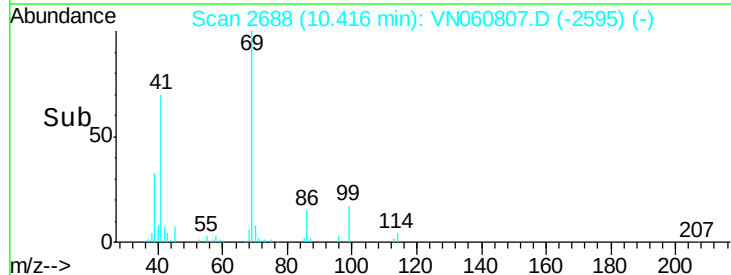
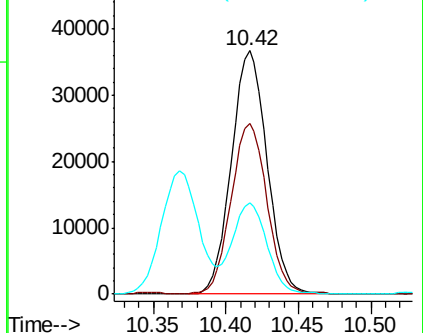
39 36.8 29.4 44.0

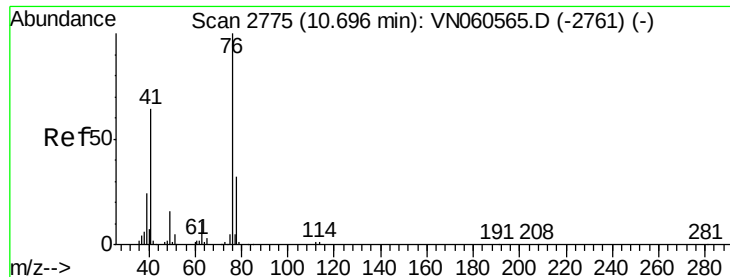


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.036 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

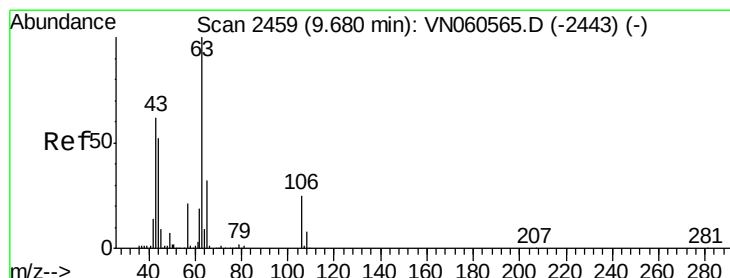
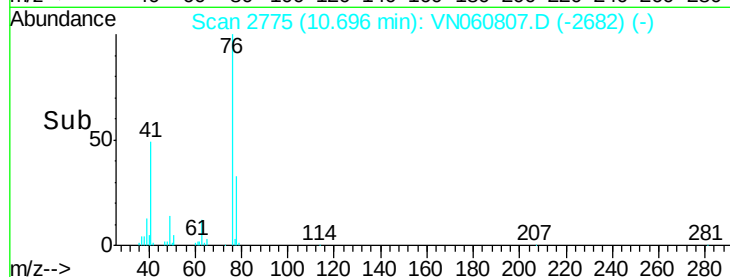
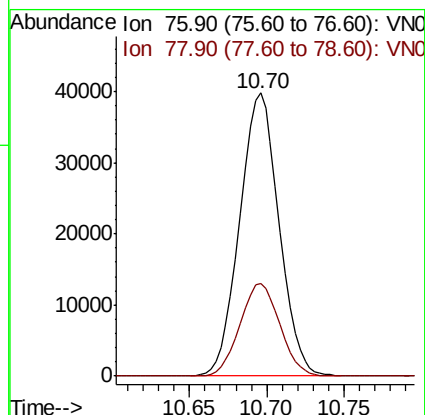
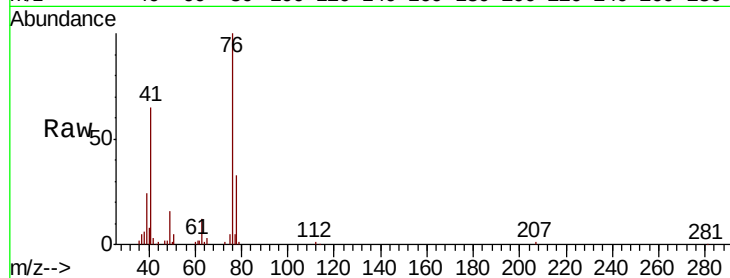
VN0401WBSD01

Tot Ion: 76 Resp: 70307

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 87.724 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060807.D

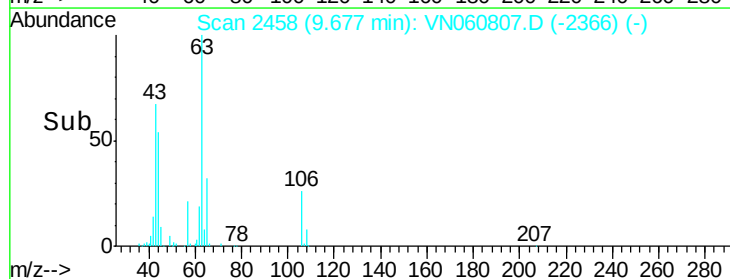
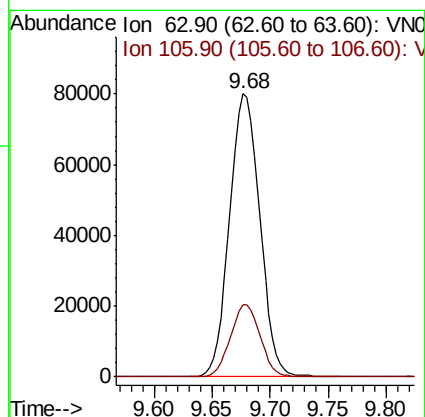
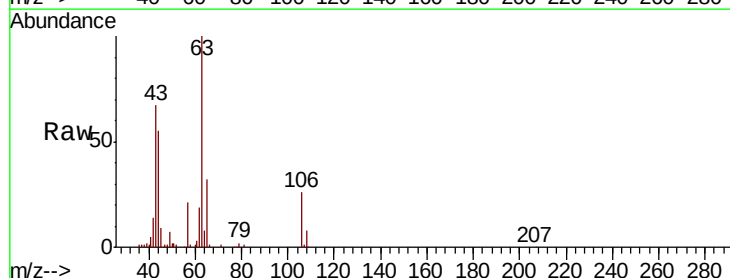
Acq: 1 Apr 2020 13:44

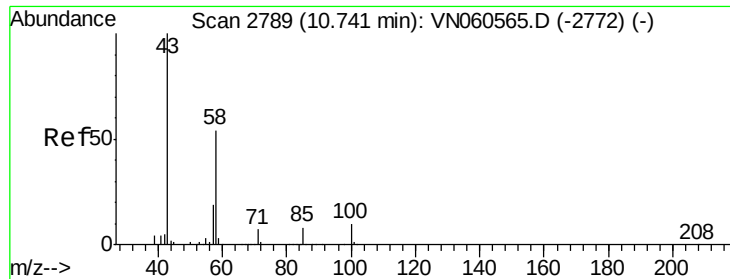
Tgt Ion: 63 Resp: 144693

Ion Ratio Lower Upper

63 100

106 25.1 20.0 30.0

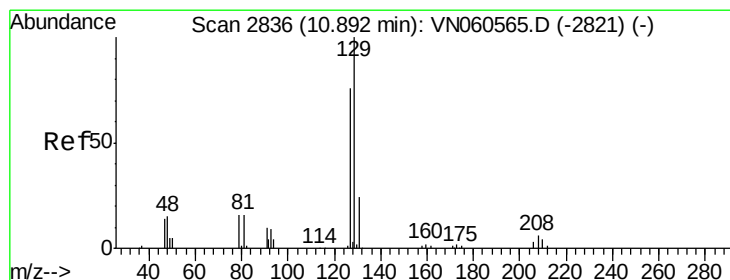
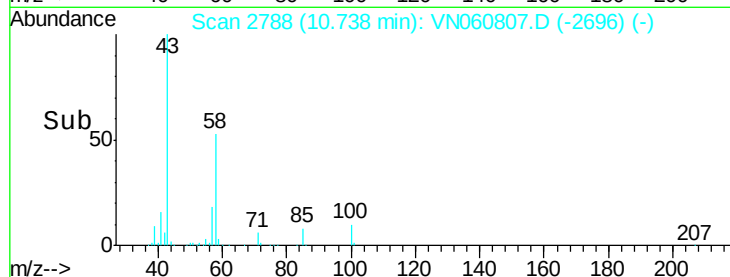
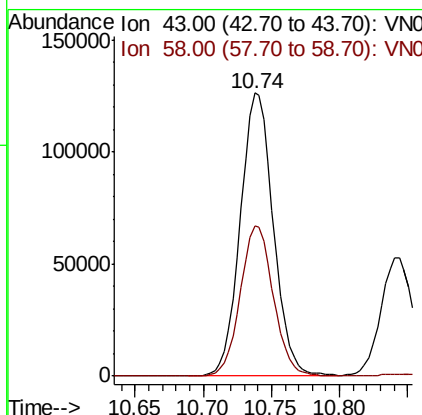
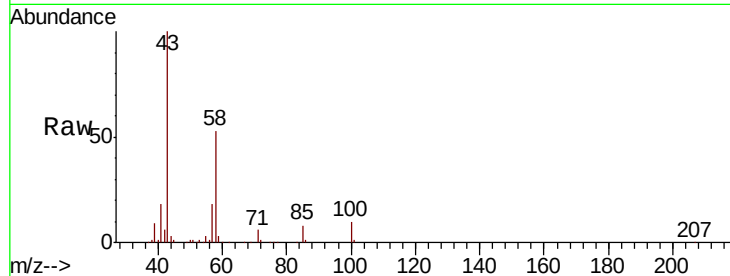




#59
2-Hexanone
Concen: 96.042 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

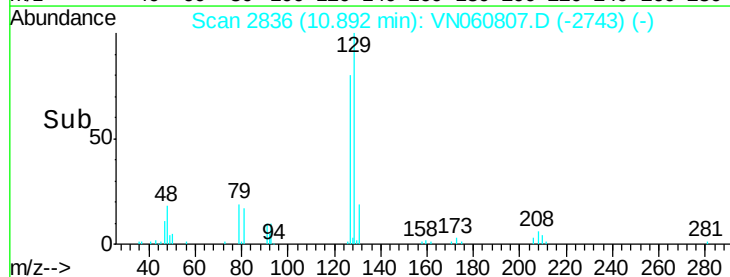
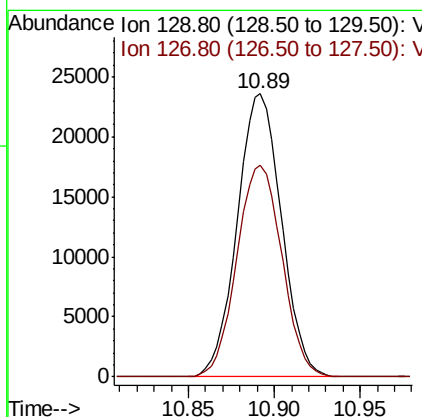
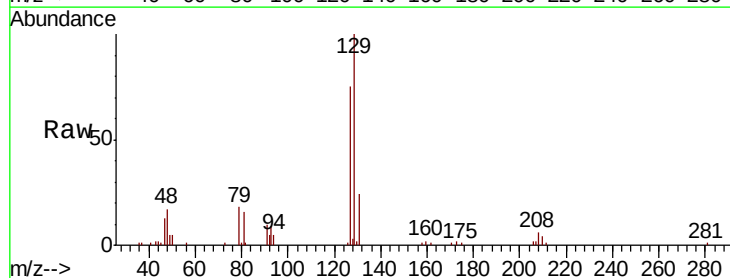
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBSD01

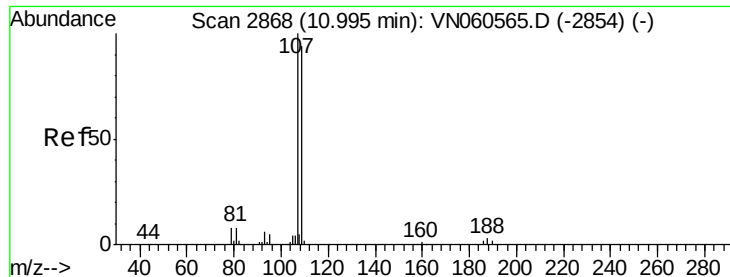
Tot Ion: 43 Resp: 212889
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1



#60
Dibromochloromethane
Concen: 19.169 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion: 129 Resp: 42143
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

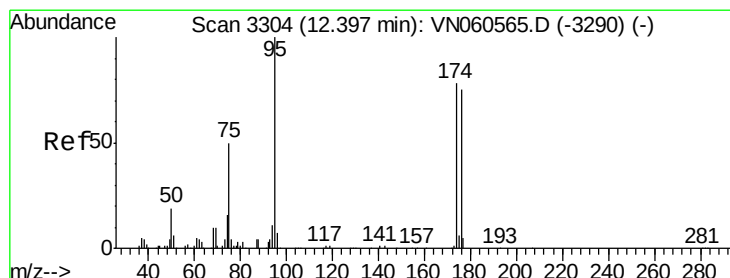
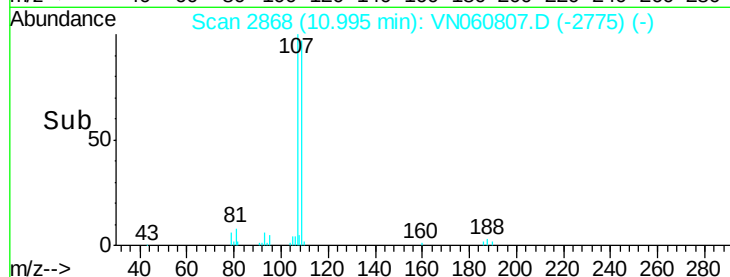
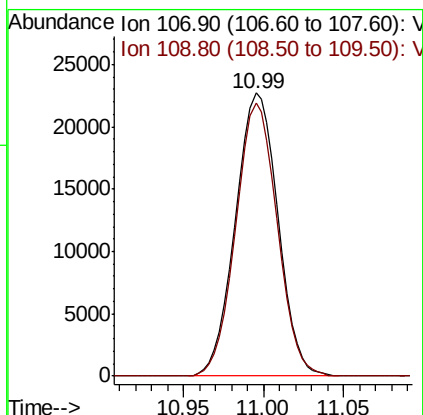
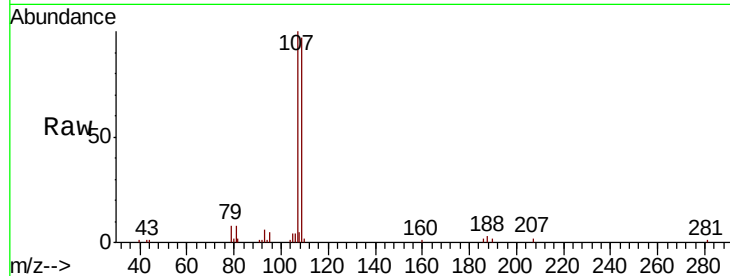




#61
 1,2-Dibromoethane
 Concen: 19.217 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

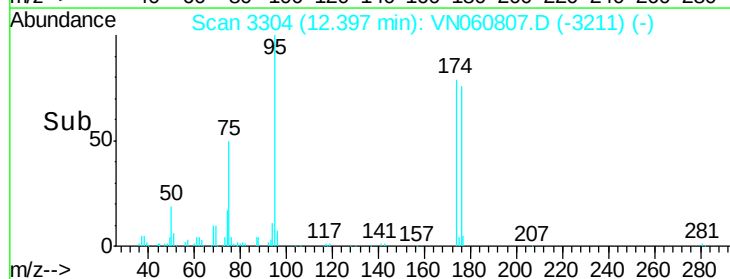
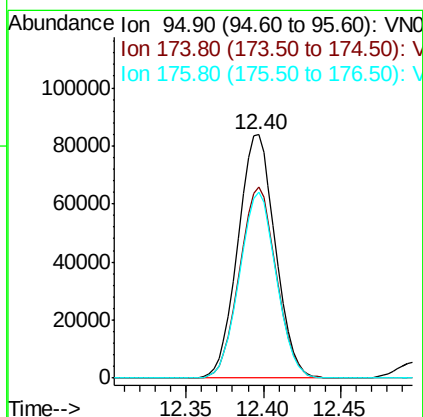
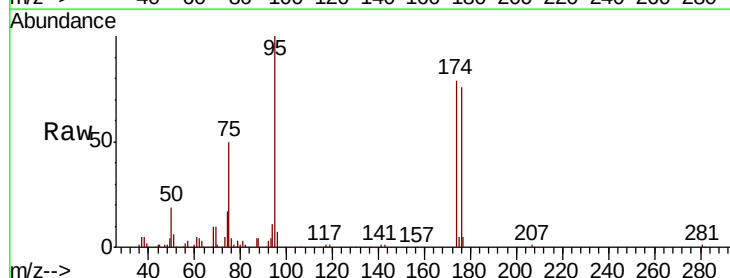
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD01

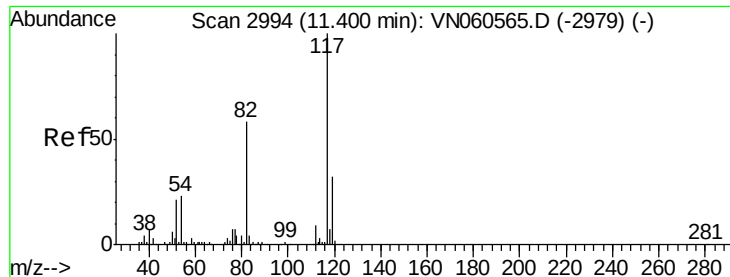
Tot Ion:107 Resp: 41129
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.604 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

Tgt Ion: 95 Resp: 140711
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 157.6
 176 75.2 0.0 150.6

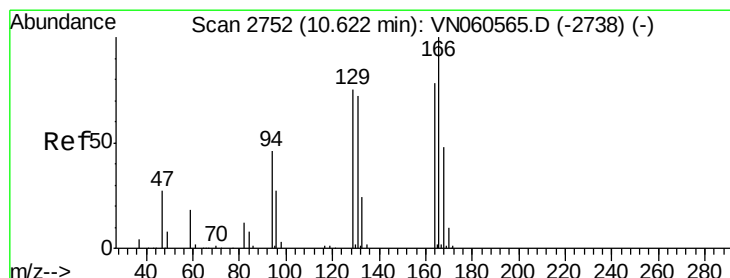
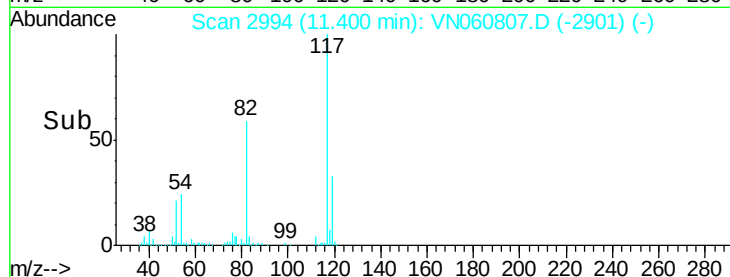
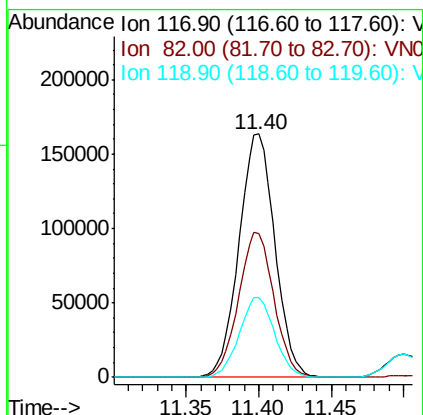
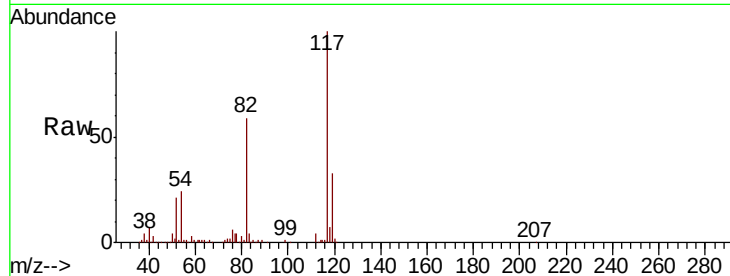




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

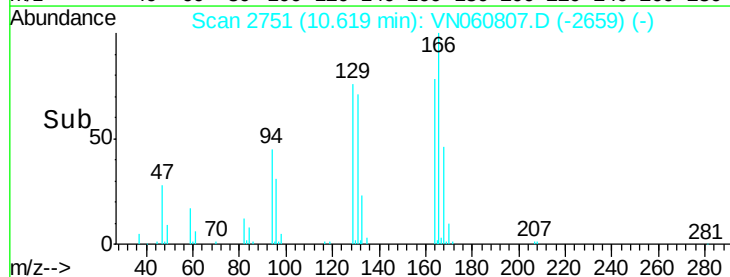
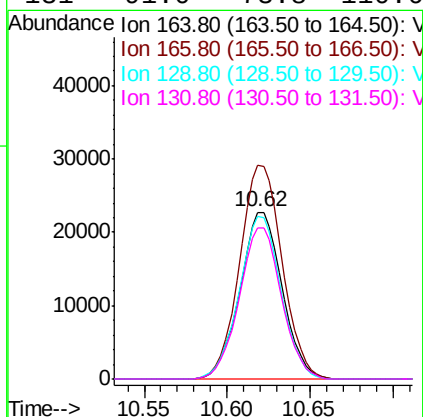
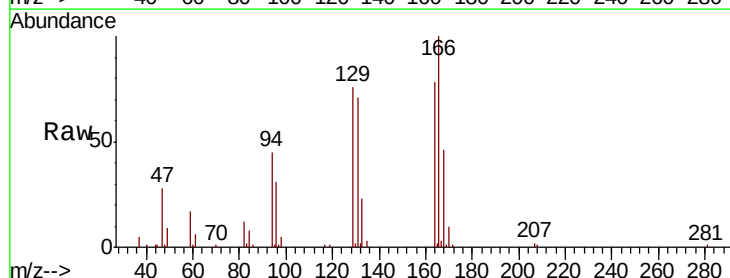
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBSD01

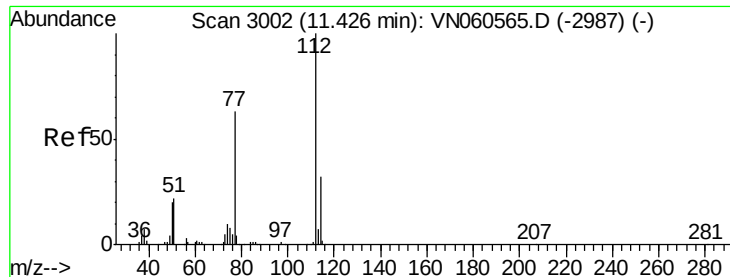
Tot Ion:117 Resp: 282064
Ion Ratio Lower Upper
117 100
82 59.0 46.7 70.1
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 18.127 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion:164 Resp: 40234
Ion Ratio Lower Upper
164 100
166 128.1 102.7 154.1
129 97.8 77.2 115.8
131 91.0 73.8 110.6





#65

Chlorobenzene

Concen: 18.855 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

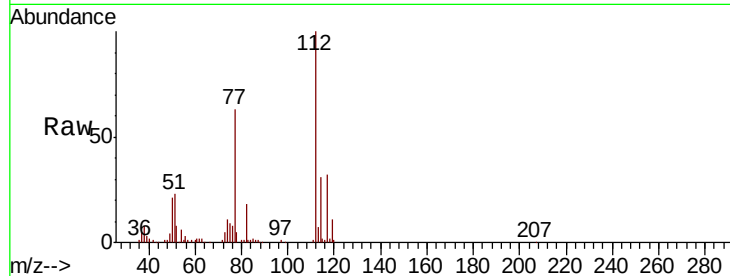
VN0401WBSD01

Tot Ion:112 Resp: 105428

Ion Ratio Lower Upper

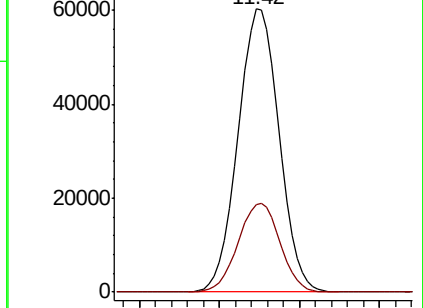
112 100

114 31.0 25.8 38.6

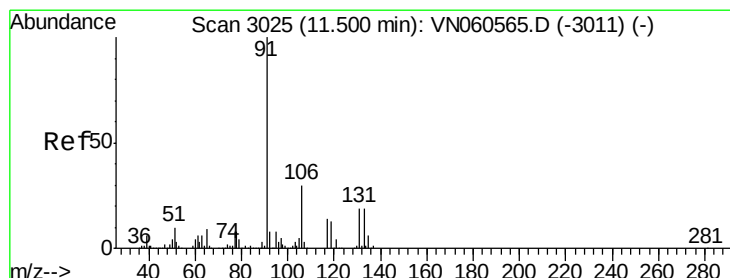
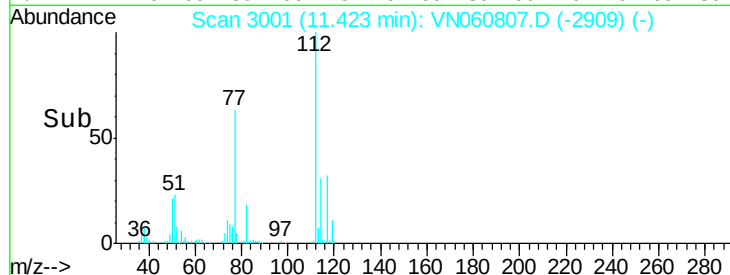


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.288 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

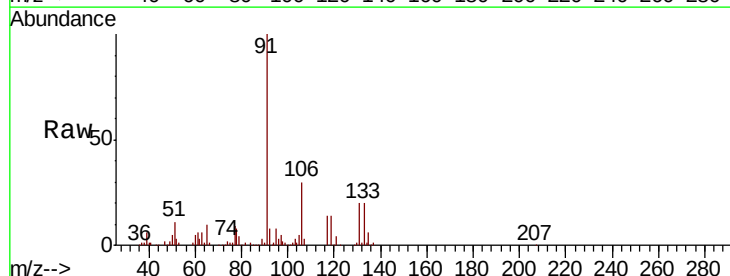
Tgt Ion:131 Resp: 39049

Ion Ratio Lower Upper

131 100

133 96.4 48.9 146.8

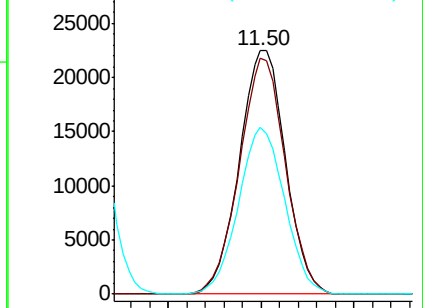
119 68.5 33.9 101.7



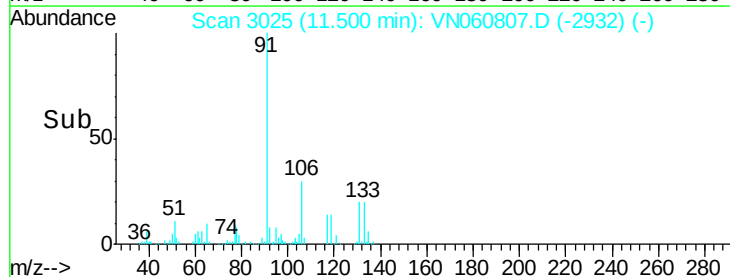
Abundance Ion 130.80 (130.50 to 131.50): V

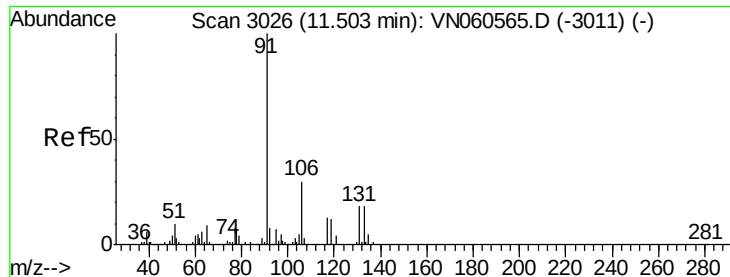
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 18.812 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

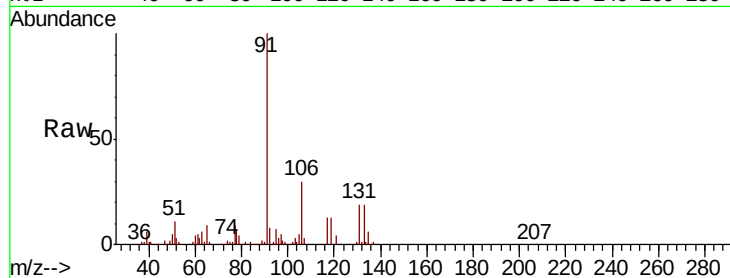
VN0401WBSD01

Tot Ion: 91 Resp: 195614

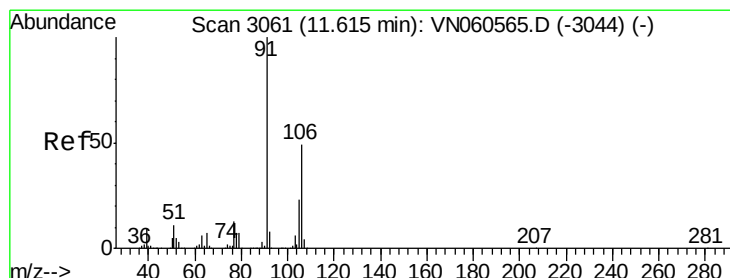
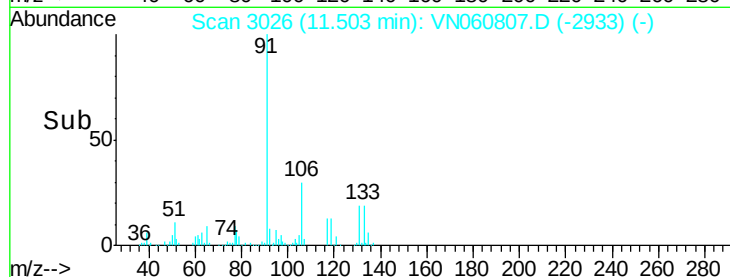
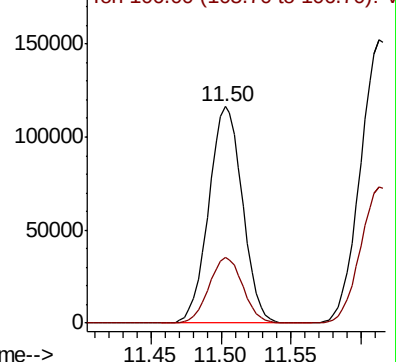
Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060807.D (-2933) (-)



#68

m/p-Xylenes

Concen: 37.106 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060807.D

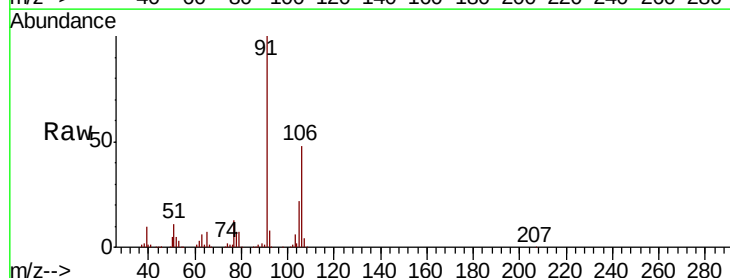
Acq: 1 Apr 2020 13:44

Tgt Ion:106 Resp: 143384

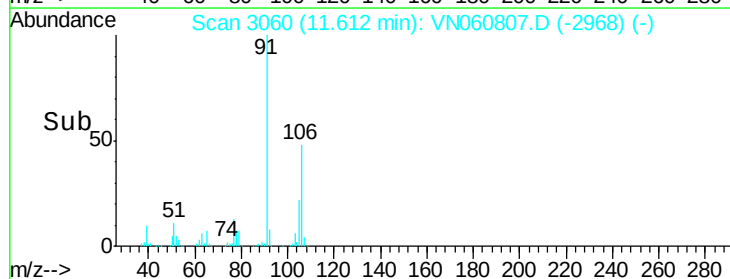
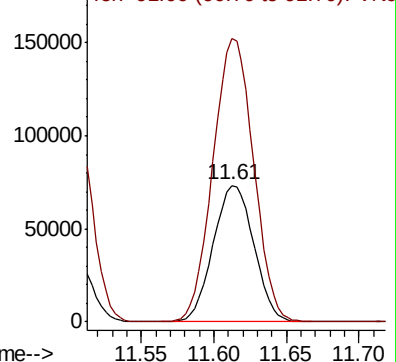
Ion Ratio Lower Upper

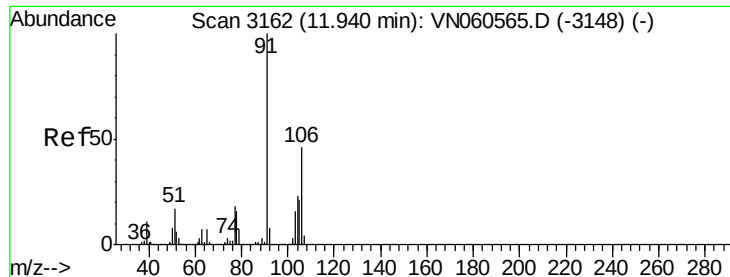
106 100

91 207.4 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060807.D (-2968) (-)

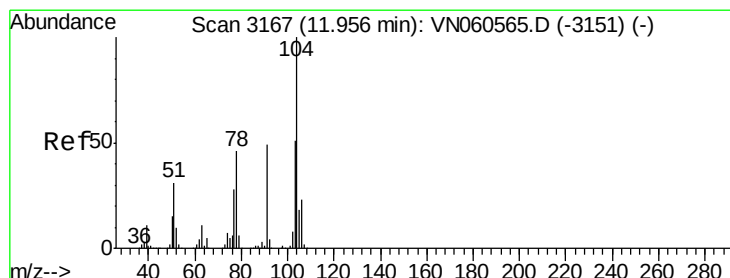
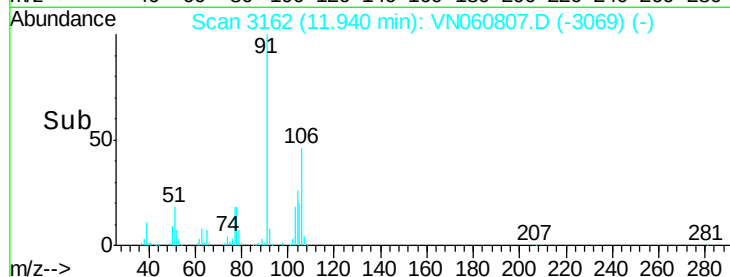
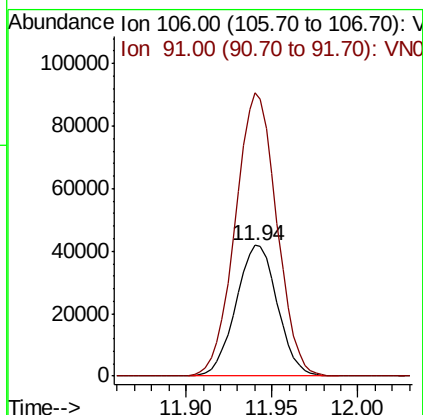
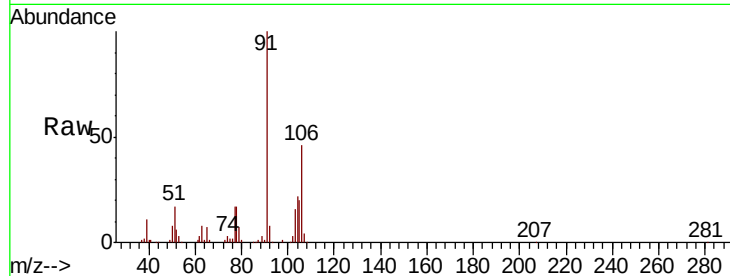




#69
o-Xylene
Concen: 19.002 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

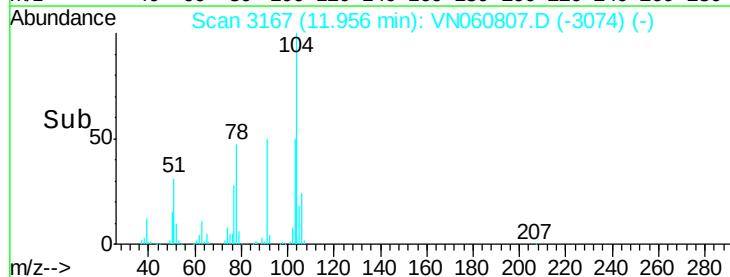
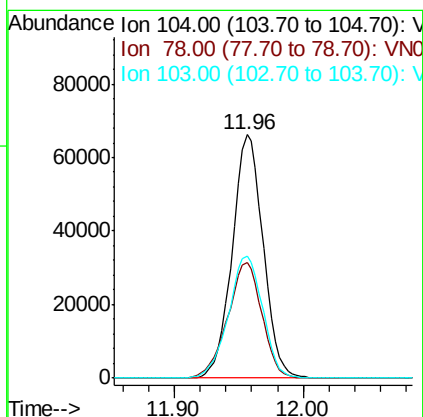
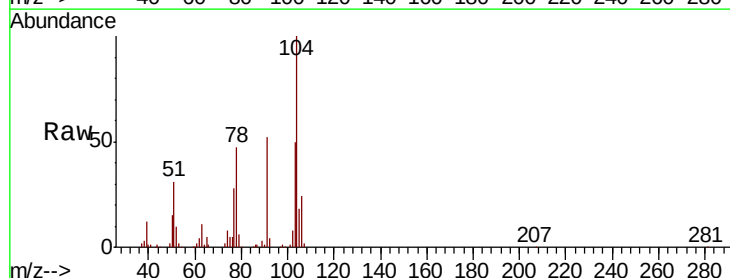
Instrument :
MSVOA_N
ClientSampled :
VN0401WBSD01

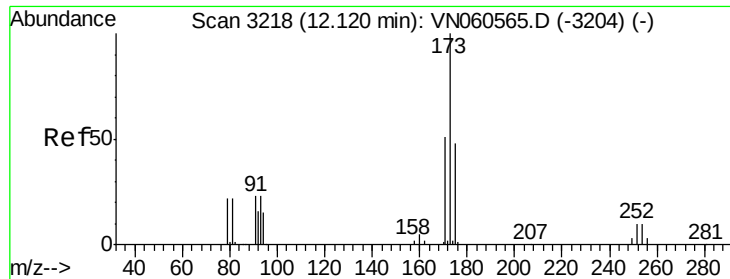
Tot Ion:106 Resp: 70096
Ion Ratio Lower Upper
106 100
91 216.4 109.5 328.4



#70
Styrene
Concen: 18.255 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion:104 Resp: 110135
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 55.5 44.0 66.0





#71

Bromoform

Concen: 18.288 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

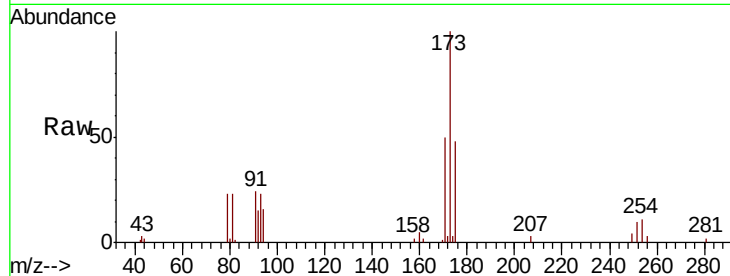
Tot Ion:173 Resp: 28916

Ion Ratio Lower Upper

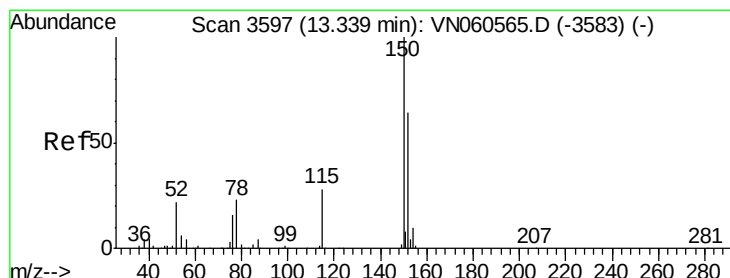
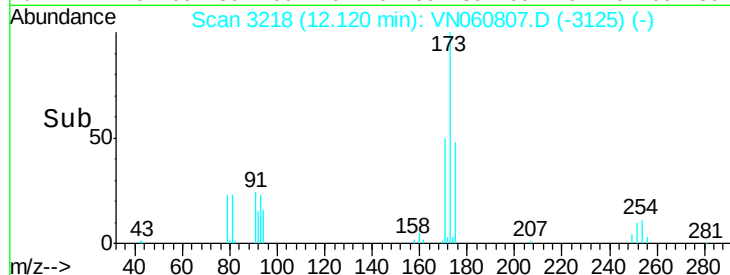
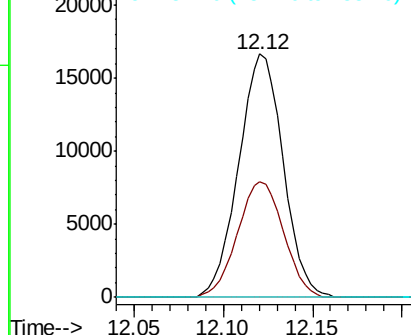
173 100

175 49.1 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: VN060807.D

Acq: 1 Apr 2020 13:44

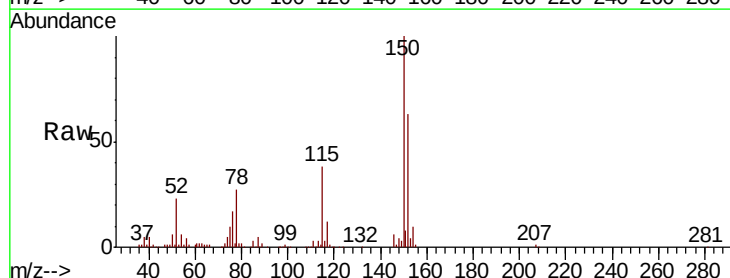
Tgt Ion:152 Resp: 132143

Ion Ratio Lower Upper

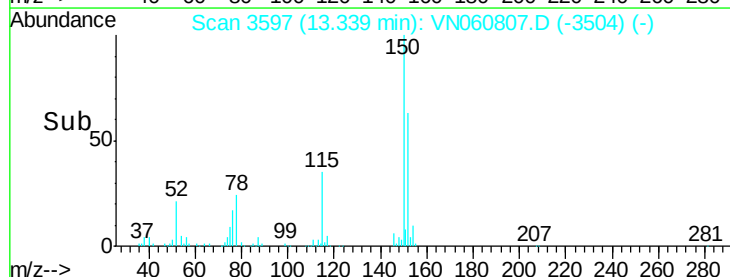
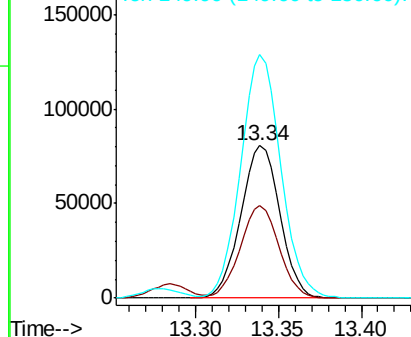
152 100

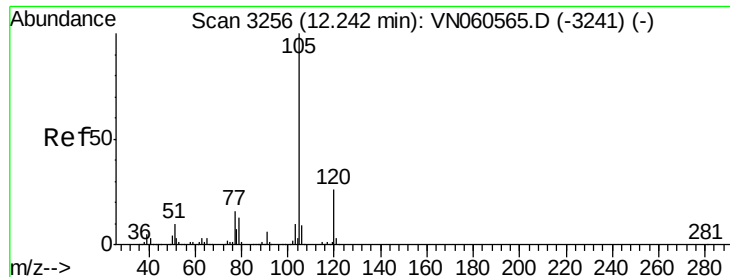
115 60.2 30.2 90.6

150 164.3 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: 18.577 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

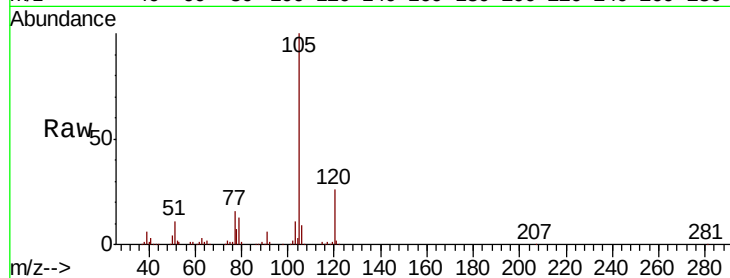
VN0401WBSD01

Tot Ion:105 Resp: 184227

Ion Ratio Lower Upper

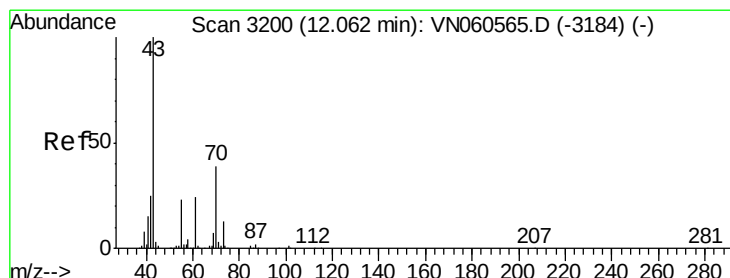
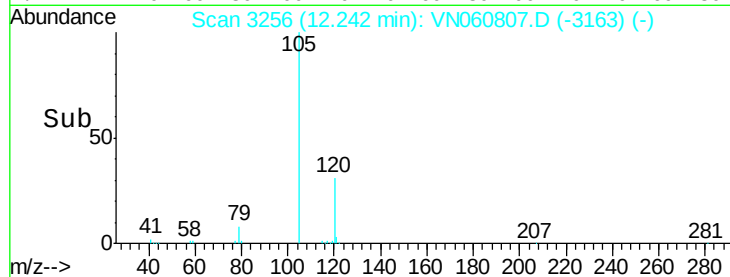
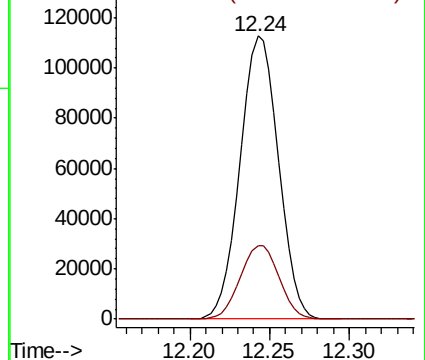
105 100

120 26.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.888 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Tgt Ion: 43 Resp: 86554

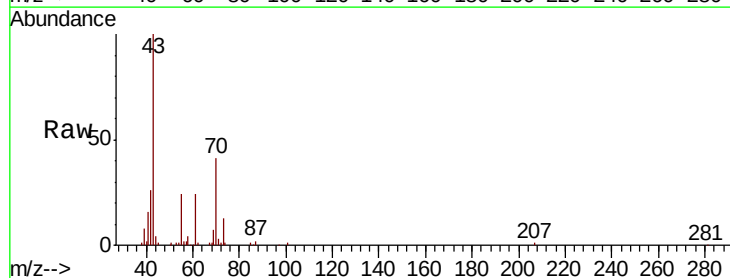
Ion Ratio Lower Upper

43 100

70 39.9 31.1 46.7

55 23.4 18.6 27.8

61 23.2 18.9 28.3

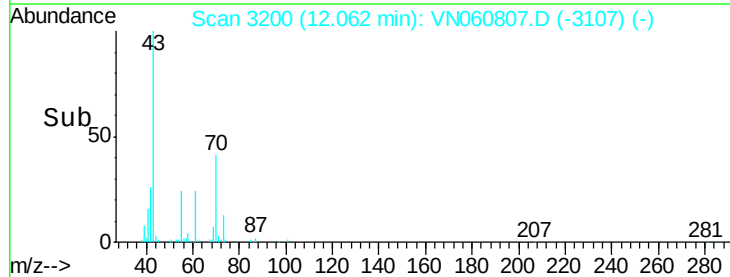
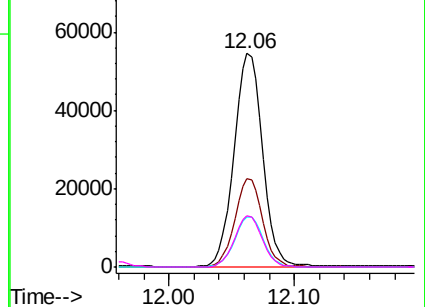


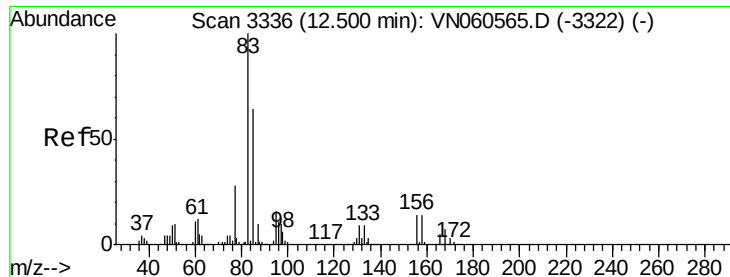
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.946 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

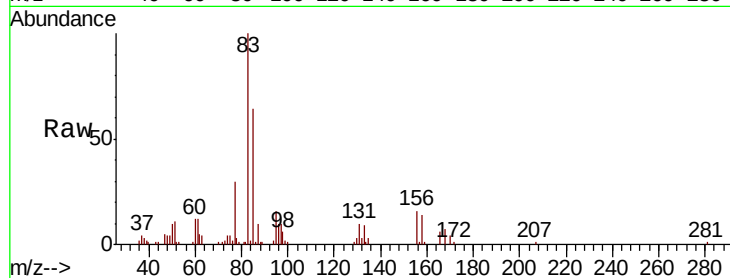
Tot Ion: 83 Resp: 56819

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

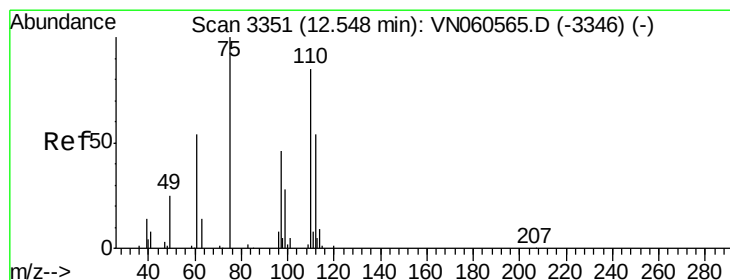
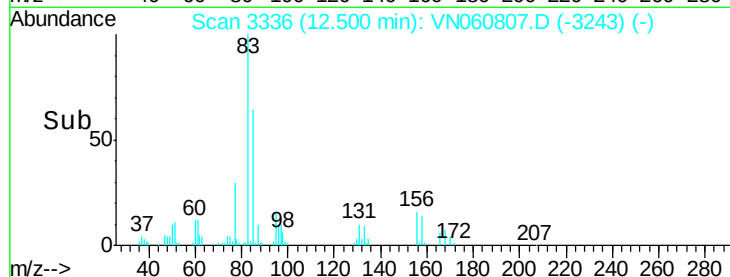
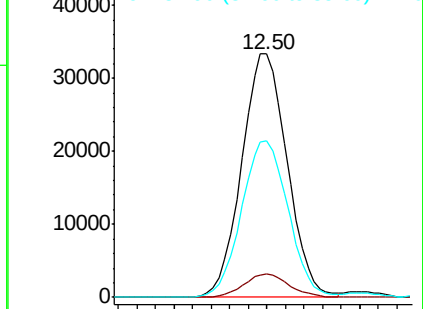
85 65.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060807.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060807.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060807.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 27.526 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060807.D

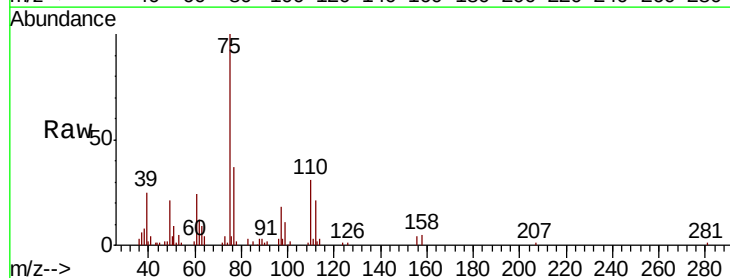
Acq: 1 Apr 2020 13:44

Tgt Ion: 75 Resp: 78488

Ion Ratio Lower Upper

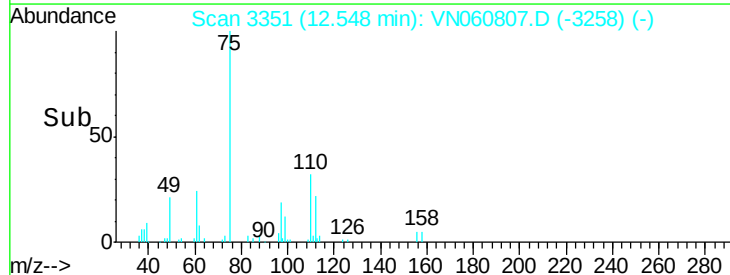
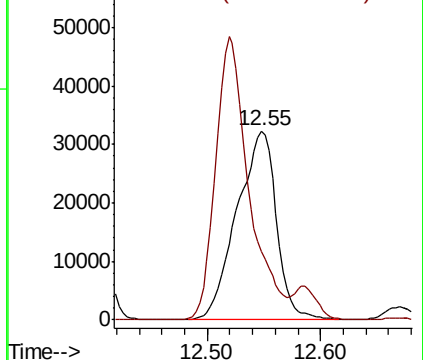
75 100

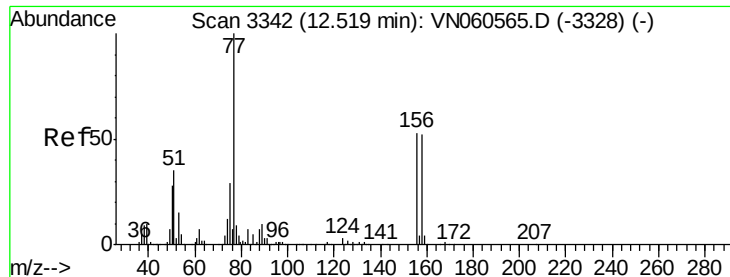
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060807.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060807.D (-3258) (-)





#77

Bromobenzene

Concen: 18.565 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

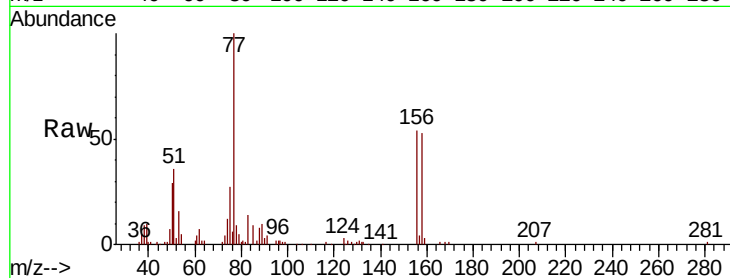
Tot Ion:156 Resp: 44362

Ion Ratio Lower Upper

156 100

77 222.5 112.3 337.0

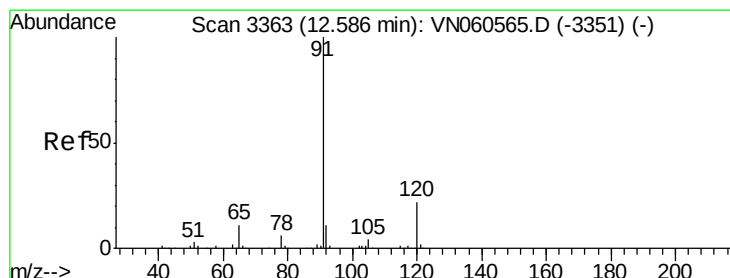
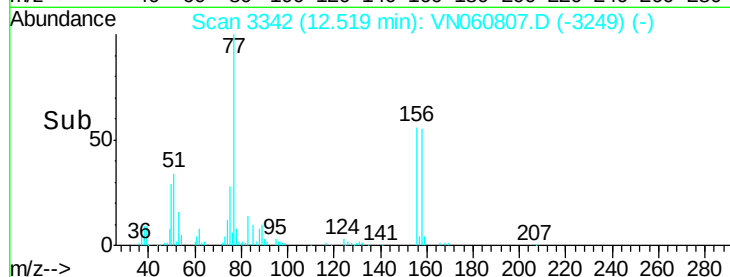
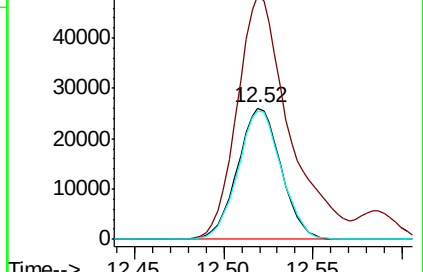
158 97.8 48.6 145.8



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: 18.585 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060807.D

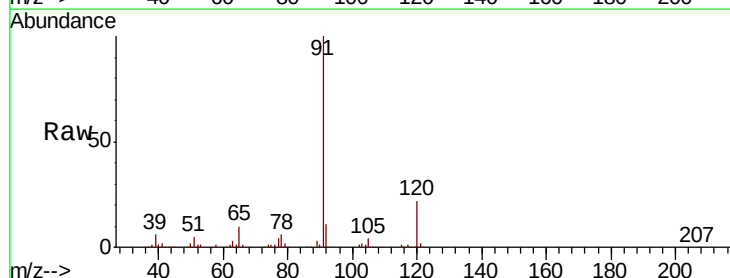
Acq: 1 Apr 2020 13:44

Tgt Ion: 91 Resp: 217749

Ion Ratio Lower Upper

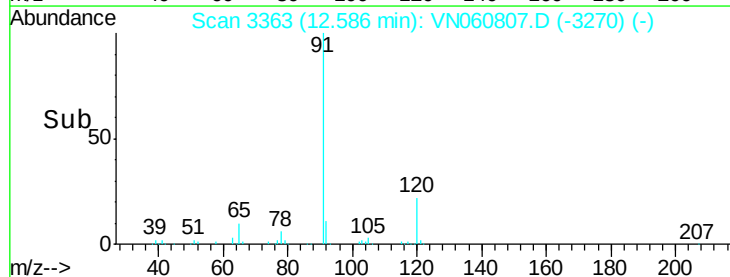
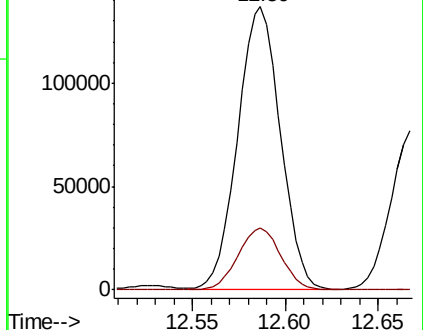
91 100

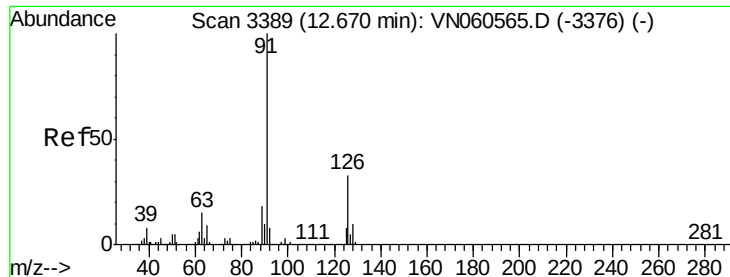
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.607 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

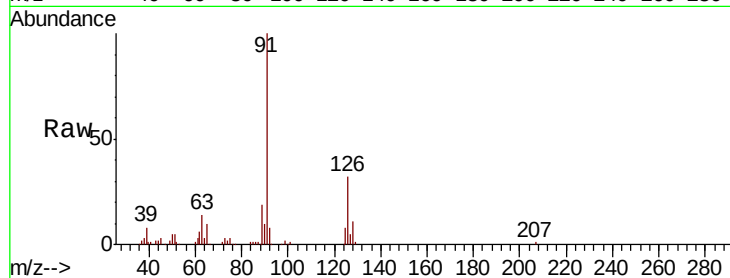
VN0401WBSD01

Tot Ion: 91 Resp: 130253

Ion Ratio Lower Upper

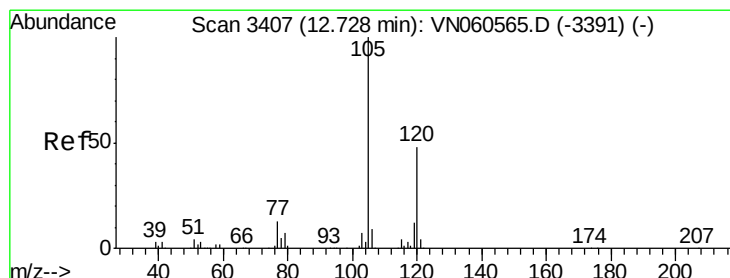
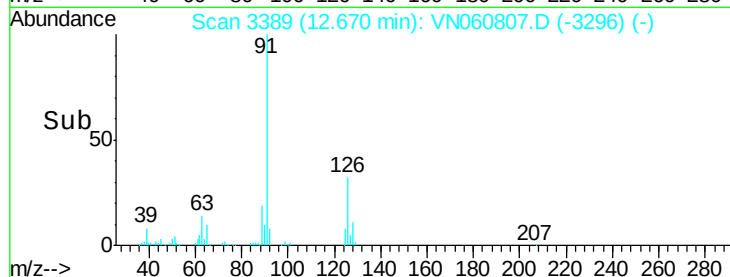
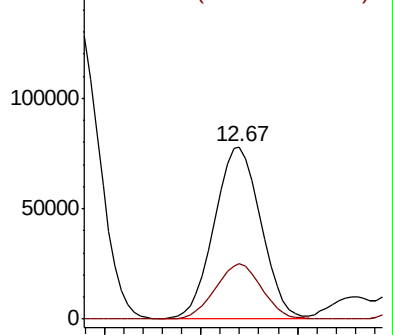
91 100

126 32.2 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060807.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060807.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.623 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060807.D

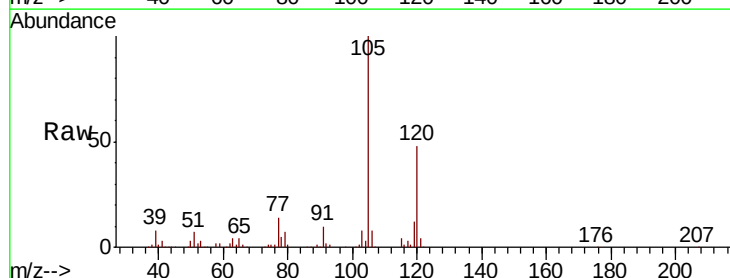
Acq: 1 Apr 2020 13:44

Tgt Ion:105 Resp: 156725

Ion Ratio Lower Upper

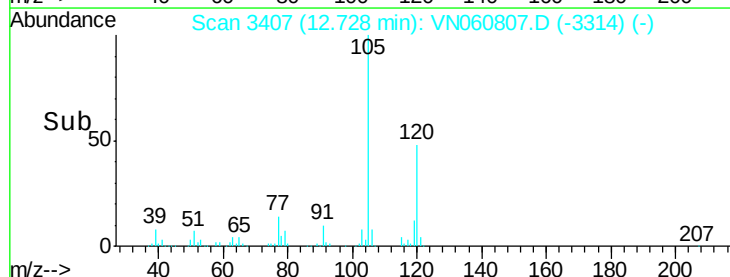
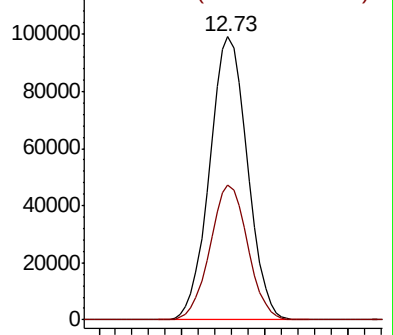
105 100

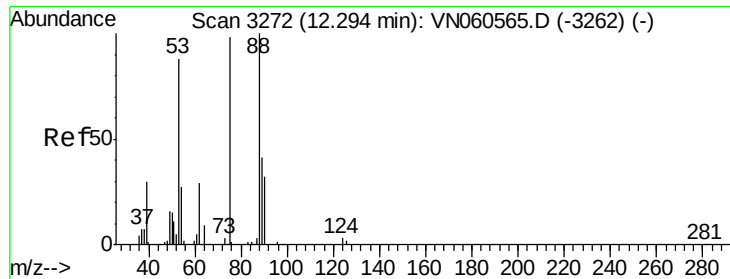
120 47.4 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060807.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060807.D (-3314) (-)

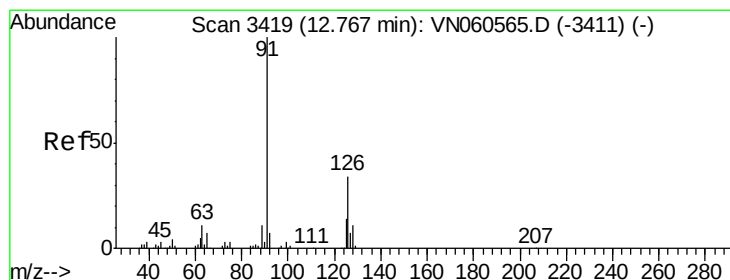
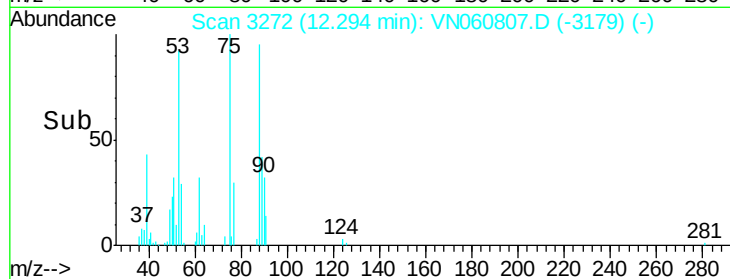
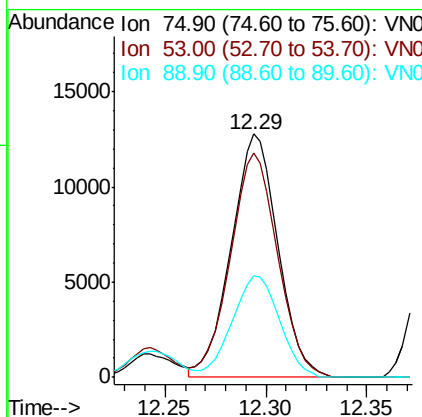
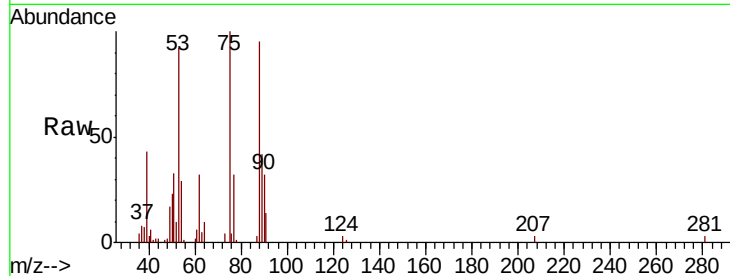




#81
trans-1,4-Dichloro-2-butene
Concen: 18.630 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

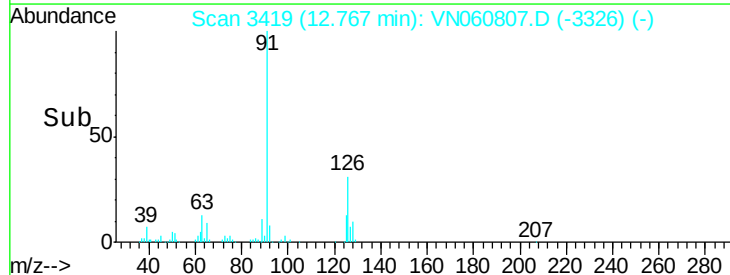
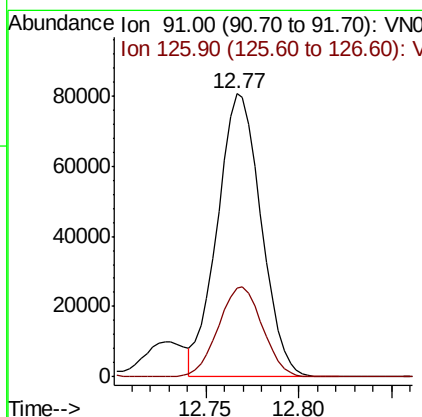
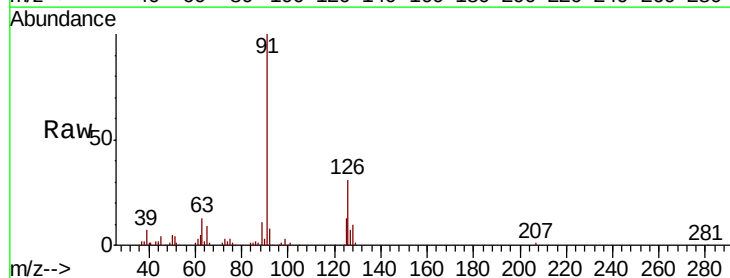
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBSD01

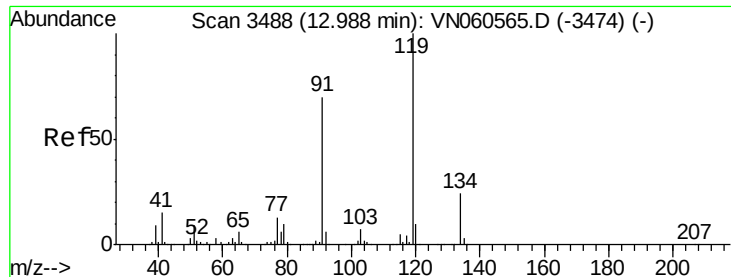
Tot Ion: 75 Resp: 20683
Ion Ratio Lower Upper
75 100
53 93.6 73.0 109.4
89 42.6 34.8 52.2



#82
4-Chlorotoluene
Concen: 18.503 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion: 91 Resp: 131921
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.5

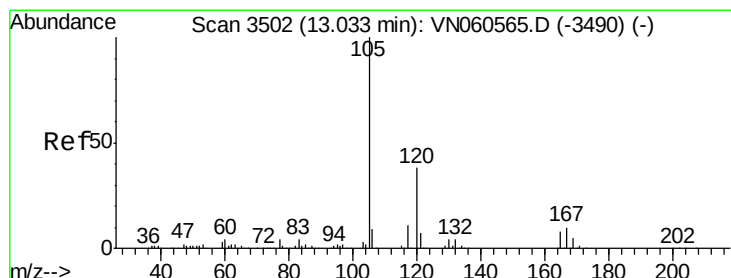
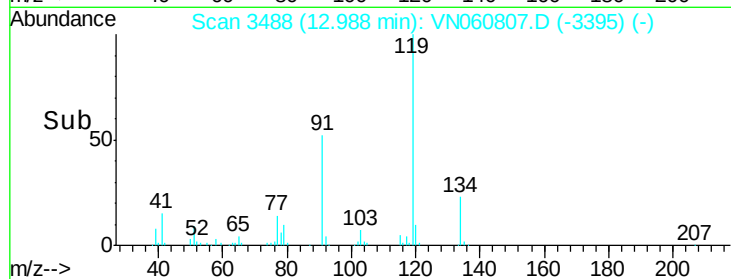
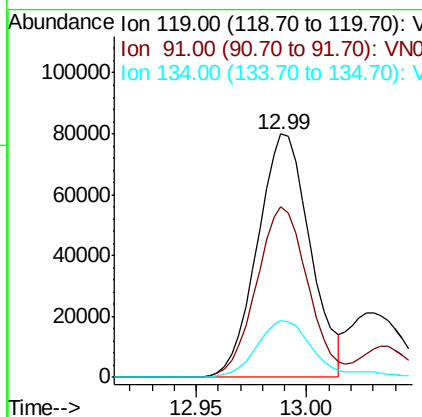
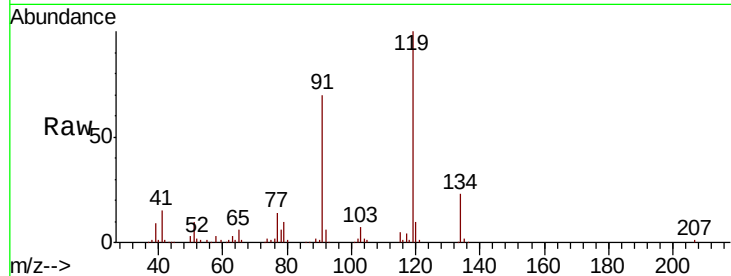




#83
 tert-Butylbenzene
 Concen: 18.940 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

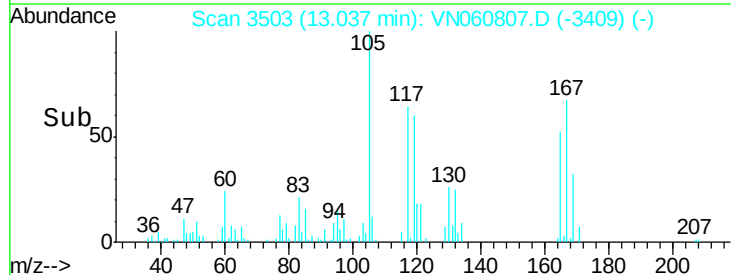
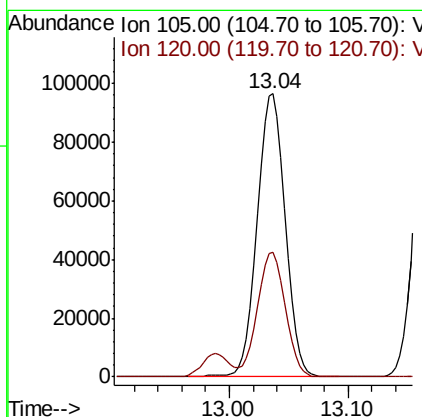
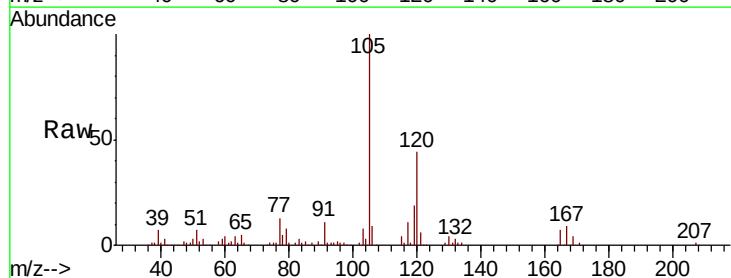
Instrument :
 MSVOA_N
 ClientSampled :
 VN0401WBSD01

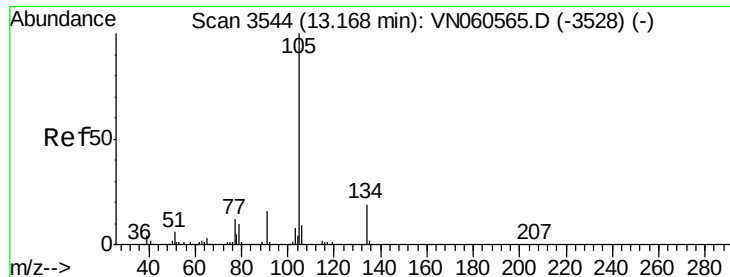
Tot Ion:119 Resp: 132134
 Ion Ratio Lower Upper
 119 100
 91 68.4 34.0 101.8
 134 25.5 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.934 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

Tgt Ion:105 Resp: 157639
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.989 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

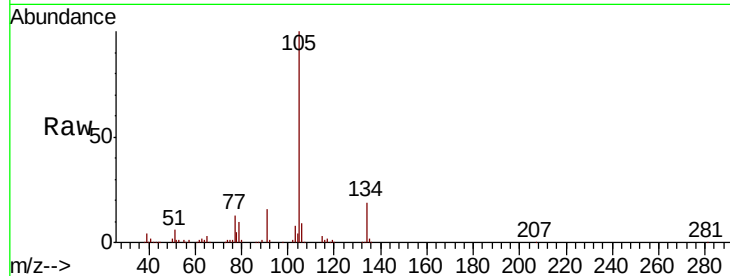
VN0401WBSD01

Tot Ion:105 Resp: 178138

Ion Ratio Lower Upper

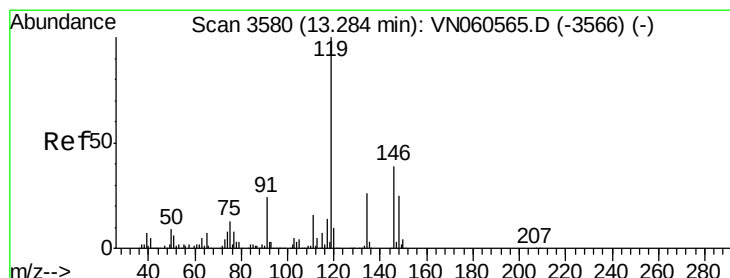
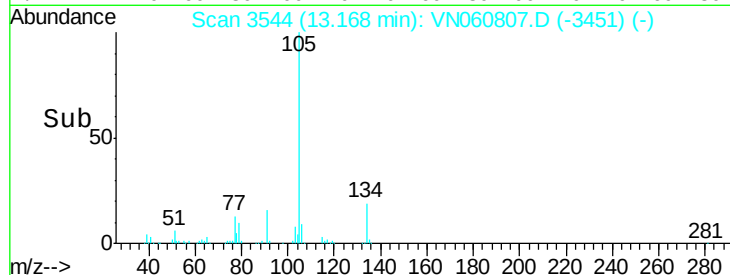
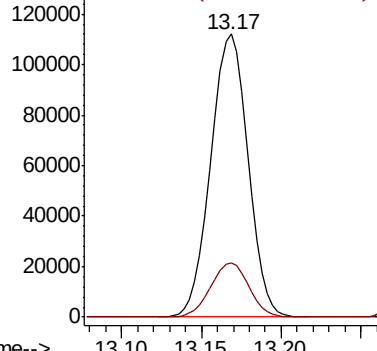
105 100

134 19.4 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: 18.960 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

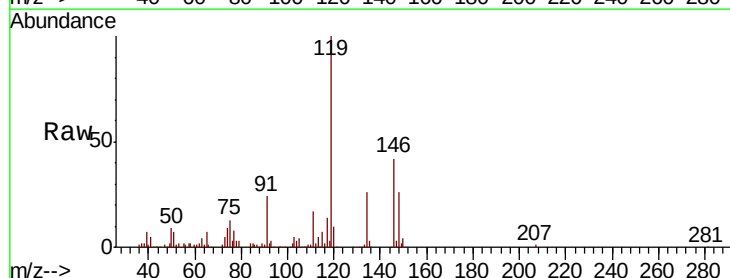
Tgt Ion:119 Resp: 159941

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

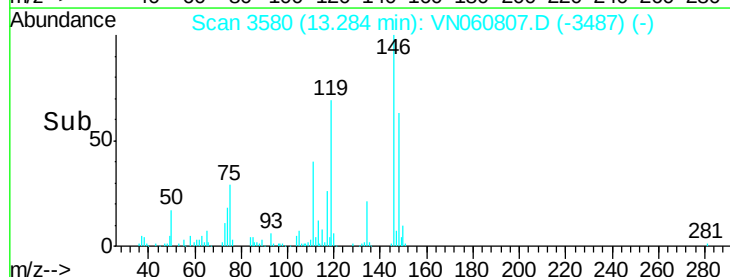
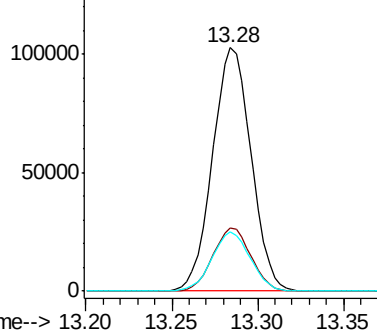
91 24.2 12.0 36.0

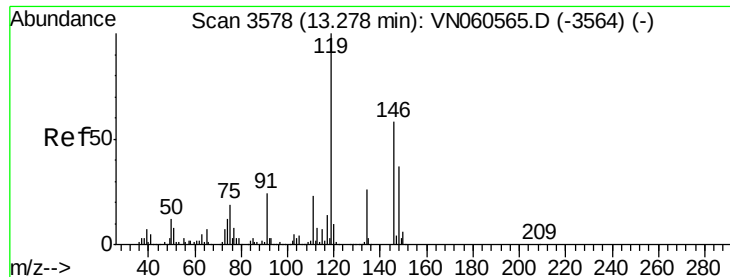


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

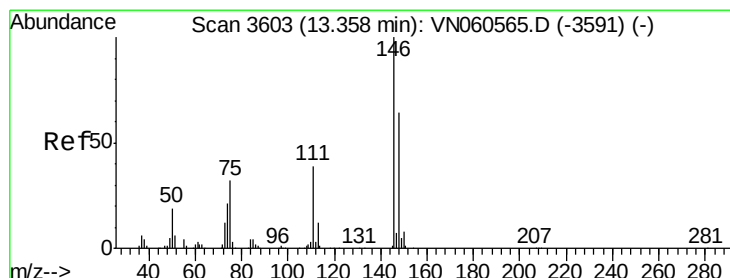
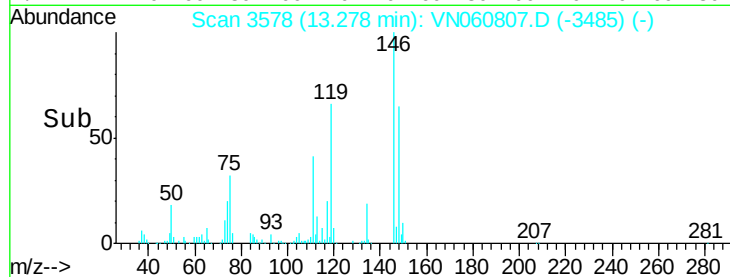
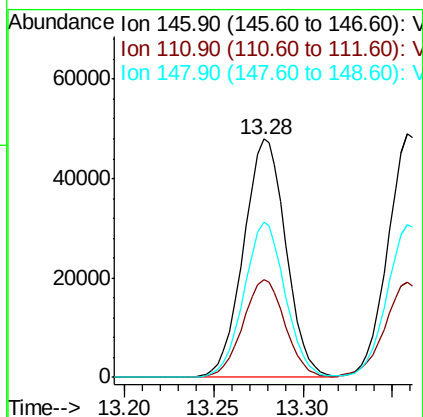
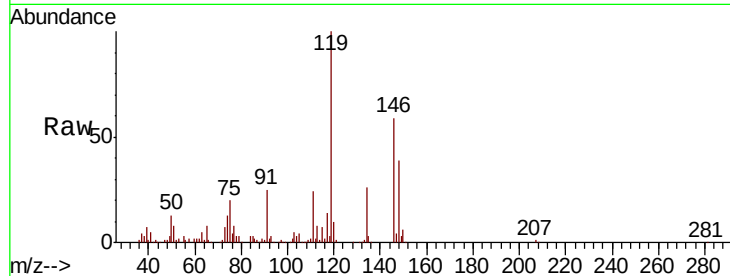




#87
 1,3-Dichlorobenzene
 Concen: 18.905 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

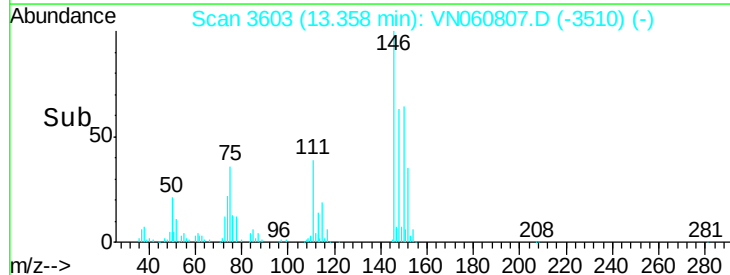
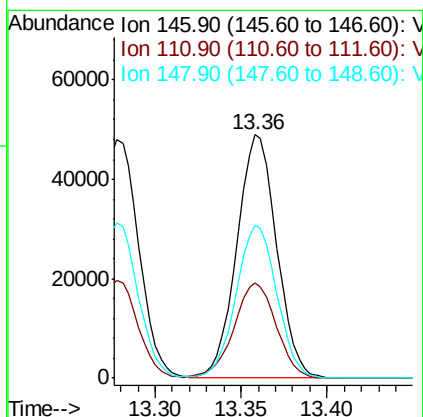
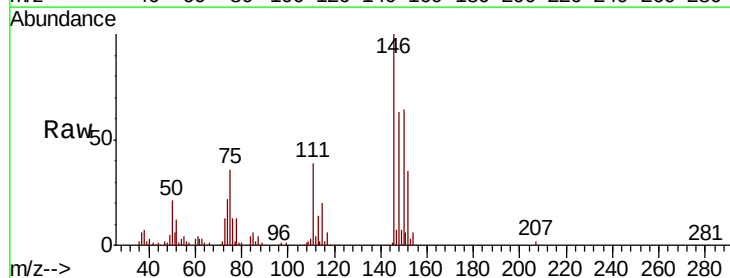
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD01

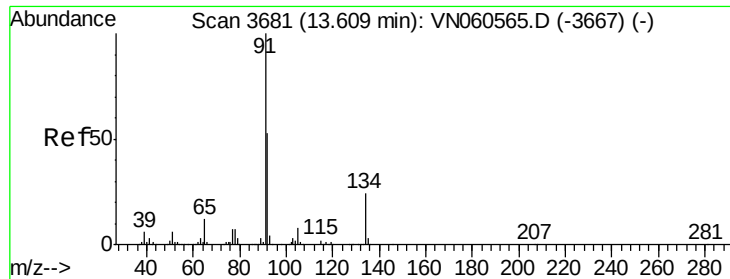
Tot Ion:146 Resp: 79675
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.8
 148 63.5 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.664 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

Tgt Ion:146 Resp: 79031
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.6 58.7
 148 64.2 32.1 96.3

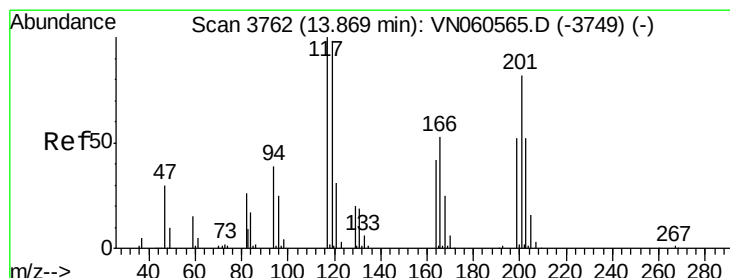
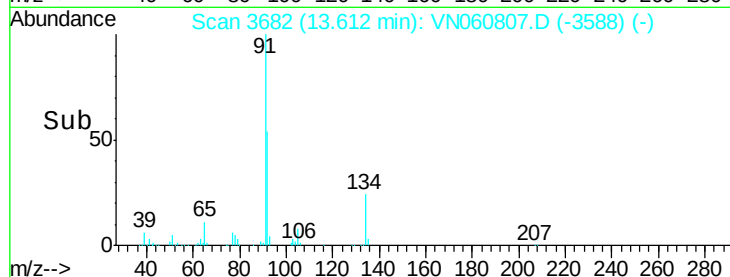
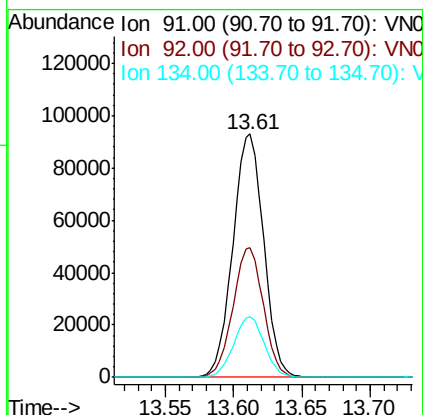
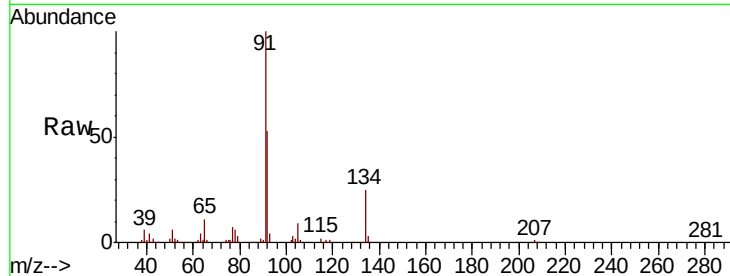




#89
n-Butylbenzene
Concen: 19.129 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

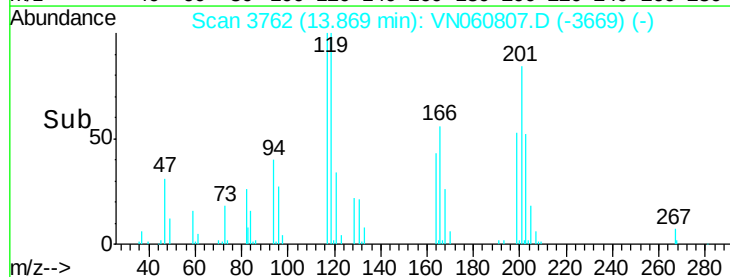
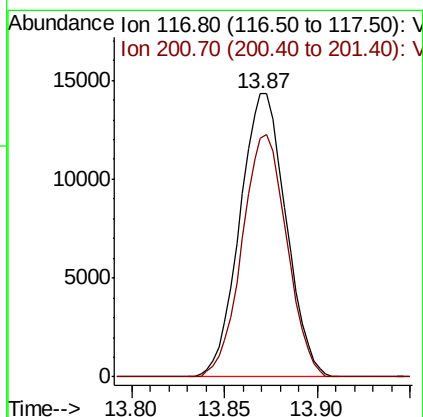
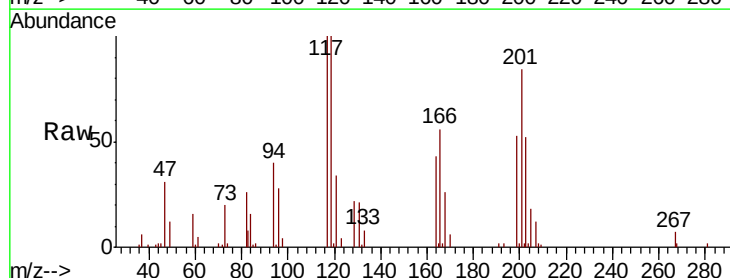
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBSD01

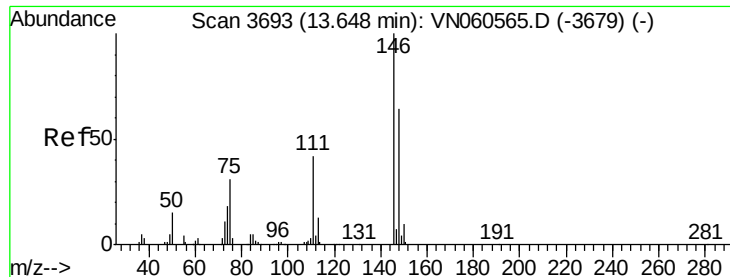
Tot Ion: 91 Resp: 145691
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 24.8 12.3 36.9



#90
Hexachloroethane
Concen: 20.194 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion: 117 Resp: 24762
Ion Ratio Lower Upper
117 100
201 82.7 40.8 122.5





#91

1,2-Dichlorobenzene

Concen: 19.283 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBSD01

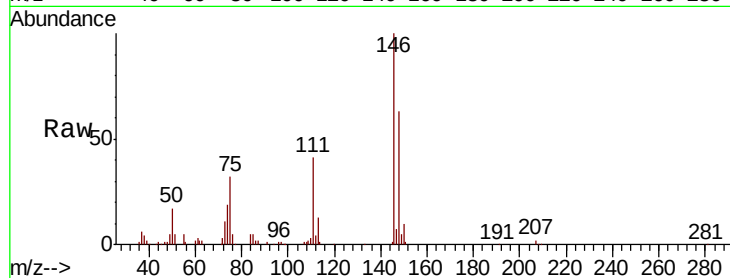
Tot Ion:146 Resp: 77708

Ion Ratio Lower Upper

146 100

111 41.4 21.0 63.0

148 63.3 31.9 95.5

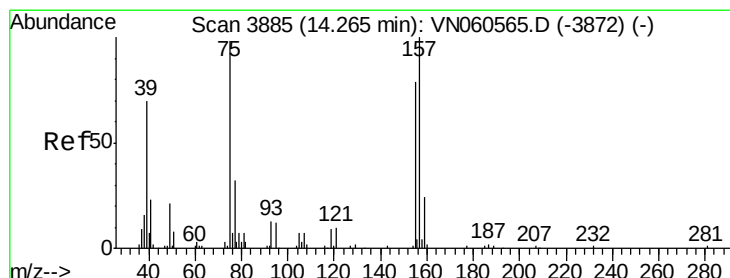
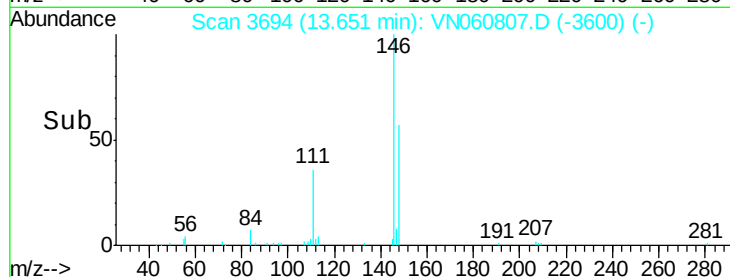
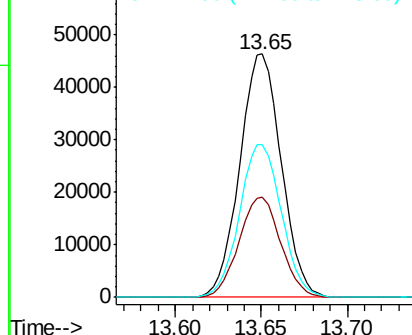


Abundance

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: 17.840 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060807.D

Acq: 1 Apr 2020 13:44

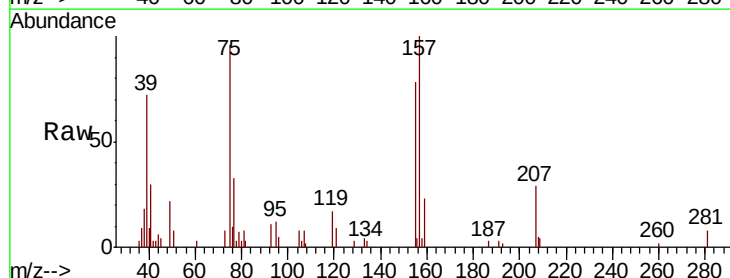
Tgt Ion: 75 Resp: 11314

Ion Ratio Lower Upper

75 100

155 78.1 40.7 122.1

157 99.8 51.5 154.7

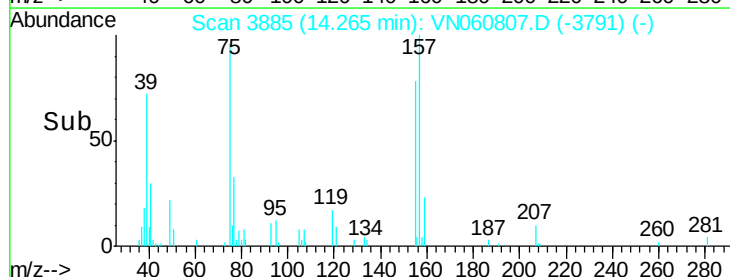
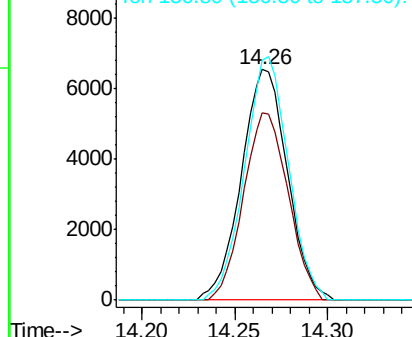


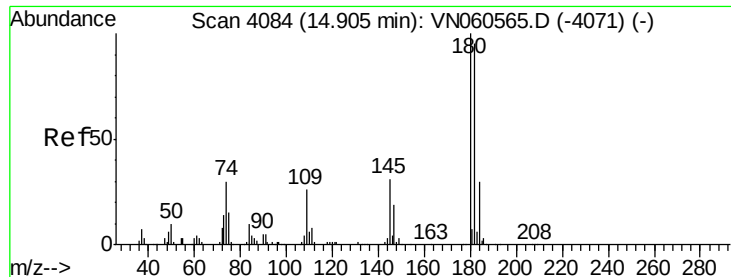
Abundance

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

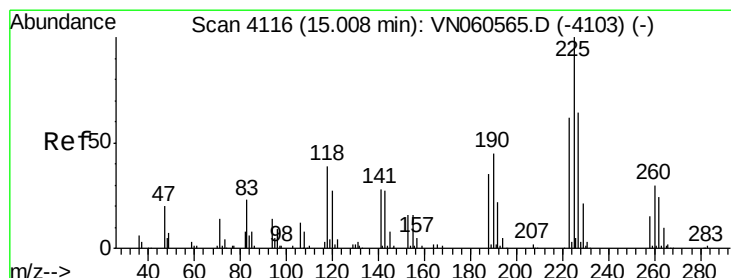
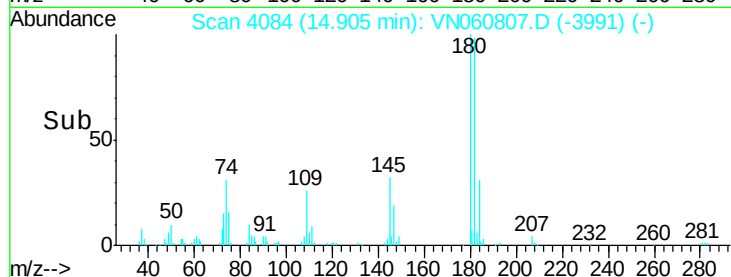
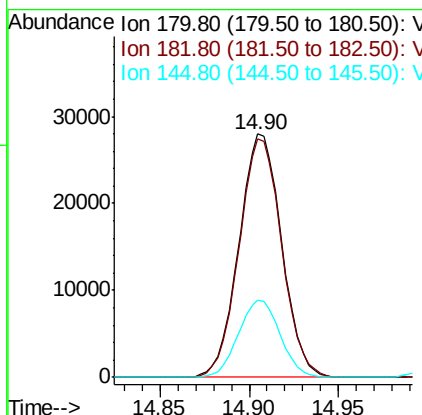
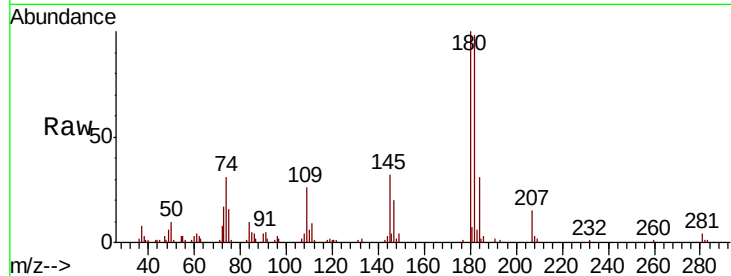




#93
 1,2,4-Trichlorobenzene
 Concen: 18.842 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

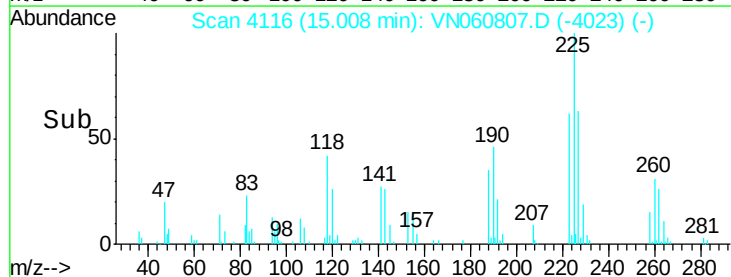
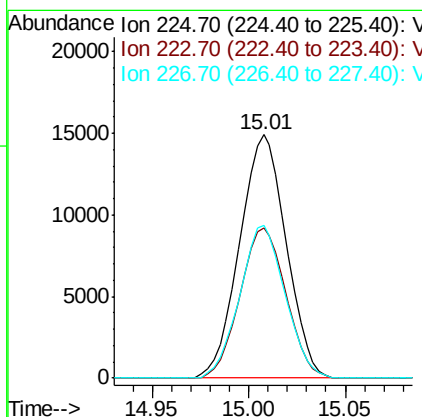
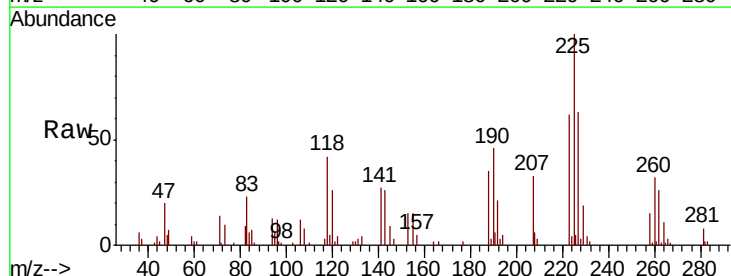
Instrument :
 MSVOA_N
 ClientSampled :
 VN0401WBSD01

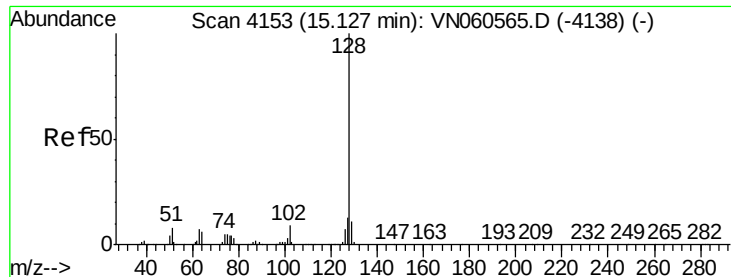
Tot Ion:180 Resp: 46629
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.9 143.8
 145 30.9 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 20.548 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060807.D
 Acq: 1 Apr 2020 13:44

Tgt Ion:225 Resp: 24928
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.6 95.0
 227 61.2 32.3 96.8

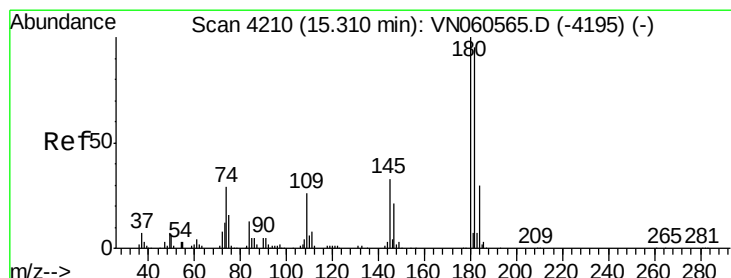
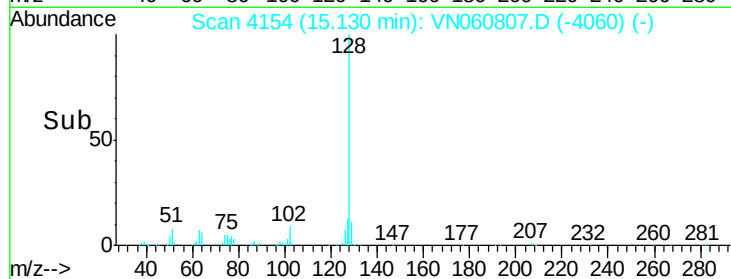
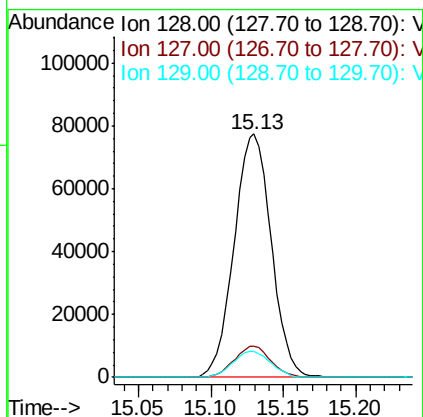
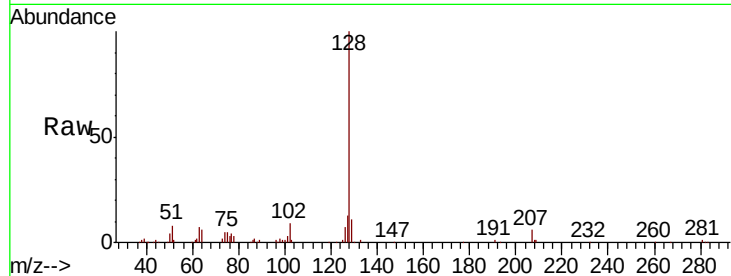




#95
Naphthalene
Concen: 18.462 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBSD01

Tot Ion:128 Resp: 137424
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.233 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060807.D
Acq: 1 Apr 2020 13:44

Tgt Ion:180 Resp: 46882
Ion Ratio Lower Upper
180 100
182 92.3 47.5 142.6
145 32.1 16.3 48.8

