

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060582.D
 Acq On : 18 Mar 2020 11:31
 Operator : JC/MD
 Sample : VN0318WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

Quant Time: Mar 19 04:58:40 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	213443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	356315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	321188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	140969	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	7.56	113	103973	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	10.08	98	421646	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.39	95	150349	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39323	19.040	ug/l	100
3) Chloromethane	2.03	50	65697	17.032	ug/l	99
4) Vinyl Chloride	2.16	62	53255	17.652	ug/l	99
5) Bromomethane	2.55	94	24401	18.736	ug/l	97
6) Chloroethane	2.68	64	31450	18.096	ug/l	99
7) Trichlorofluoromethane	3.00	101	68307	18.380	ug/l	99
8) Diethyl Ether	3.38	74	28725	19.240	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	41227	19.144	ug/l	99
10) Methyl Iodide	3.93	142	40337	21.050	ug/l	100
11) Tert butyl alcohol	4.73	59	40561	94.126	ug/l	98
12) 1,1-Dichloroethene	3.71	96	41858	18.113	ug/l	98
13) Acrolein	3.57	56	41183	86.231	ug/l	99
14) Allyl chloride	4.29	41	79454	19.549	ug/l	93
15) Acrylonitrile	4.94	53	113539	89.601	ug/l	99
16) Acetone	3.78	43	96442	92.921	ug/l	100
17) Carbon Disulfide	4.03	76	128892	18.339	ug/l	99
18) Methyl Acetate	4.29	43	51862	17.752	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	145940	18.368	ug/l	98
20) Methylene Chloride	4.52	84	46878	18.361	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	45671	18.543	ug/l	98
22) Diisopropyl ether	5.91	45	160245	18.662	ug/l	97
23) Vinyl Acetate	5.86	43	661857	94.468	ug/l	100
24) 1,1-Dichloroethane	5.81	63	86739	18.530	ug/l	99
25) 2-Butanone	6.80	43	150219	89.443	ug/l	100
26) 2,2-Dichloropropane	6.79	77	73417	19.934	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	51628	18.446	ug/l	99
28) Bromochloromethane	7.17	49	41646	18.595	ug/l	97
29) Tetrahydrofuran	7.18	42	104930	88.302	ug/l	99
30) Chloroform	7.34	83	83283	18.558	ug/l	98
31) Cyclohexane	7.63	56	84607	17.928	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	71464	18.473	ug/l	99
36) 1,1-Dichloropropene	7.77	75	64810	18.784	ug/l	99
37) Ethyl Acetate	6.89	43	67185	18.022	ug/l	98
38) Carbon Tetrachloride	7.75	117	57192	18.495	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060582.D
 Acq On : 18 Mar 2020 11:31
 Operator : JC/MD
 Sample : VN0318WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

Quant Time: Mar 19 04:58:40 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	77496	18.901	ug/l	99
40) Benzene	8.02	78	194295	18.655	ug/l	100
41) Methacrylonitrile	7.18	41	94159	59.181	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	68493	19.242	ug/l	99
43) Isopropyl Acetate	8.14	43	112693	18.329	ug/l	99
44) Trichloroethene	8.82	130	50719	19.317	ug/l	96
45) 1,2-Dichloropropane	9.10	63	52079	18.950	ug/l	99
46) Dibromomethane	9.19	93	31915	19.208	ug/l	99
47) Bromodichloromethane	9.38	83	64833	18.778	ug/l	98
48) Methyl methacrylate	9.18	41	48642	17.769	ug/l	99
49) 1,4-Dioxane	9.18	88	14560	447.490	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	322396	92.149	ug/l	99
52) Toluene	10.14	92	118496	18.838	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	76139	19.198	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	82571	18.978	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	45514	18.808	ug/l	99
56) Ethyl methacrylate	10.42	69	69673	18.465	ug/l	99
57) 1,3-Dichloropropane	10.70	76	80662	19.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	179432	95.680	ug/l	100
59) 2-Hexanone	10.74	43	228426	90.636	ug/l	99
60) Dibromochloromethane	10.89	129	47071	18.831	ug/l	100
61) 1,2-Dibromoethane	11.00	107	45969	18.891	ug/l	99
64) Tetrachloroethene	10.62	164	49424	19.555	ug/l	98
65) Chlorobenzene	11.43	112	119998	18.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	44240	19.190	ug/l	99
67) Ethyl Benzene	11.50	91	223670	18.890	ug/l	99
68) m/p-Xylenes	11.61	106	166449	37.828	ug/l	98
69) o-Xylene	11.94	106	80719	19.217	ug/l	99
70) Styrene	11.96	104	126764	18.452	ug/l	99
71) Bromoform	12.12	173	32261	17.952	ug/l #	100
73) Isopropylbenzene	12.24	105	213363	19.270	ug/l	100
74) N-amyl acetate	12.06	43	96039	18.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	62022	18.523	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	85749	26.934	ug/l #	100
77) Bromobenzene	12.52	156	50106	18.780	ug/l	99
78) n-propylbenzene	12.58	91	248791	19.019	ug/l	100
79) 2-Chlorotoluene	12.67	91	146960	18.802	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	178037	18.948	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	23047	18.592	ug/l	98
82) 4-Chlorotoluene	12.77	91	152701	19.182	ug/l	99
83) tert-Butylbenzene	12.99	119	147928	18.991	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	176934	19.034	ug/l	100
85) sec-Butylbenzene	13.17	105	200892	19.180	ug/l	100
86) p-Isopropyltoluene	13.28	119	180534	19.168	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	90765	19.288	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	89220	18.872	ug/l	98
89) n-Butylbenzene	13.61	91	161202	18.957	ug/l	100
90) Hexachloroethane	13.87	117	25907	18.923	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	86149	19.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12179	17.190	ug/l	96

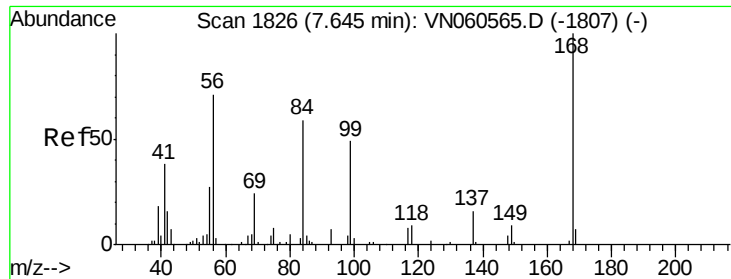
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
Data File : VN060582.D
Acq On : 18 Mar 2020 11:31
Operator : JC/MD
Sample : VN0318WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Quant Time: Mar 19 04:58:40 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	52770	19.098	ug/l	96
94) Hexachlorobutadiene	15.01	225	26945	19.892	ug/l	98
95) Naphthalene	15.13	128	147827	17.787	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49959	18.356	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

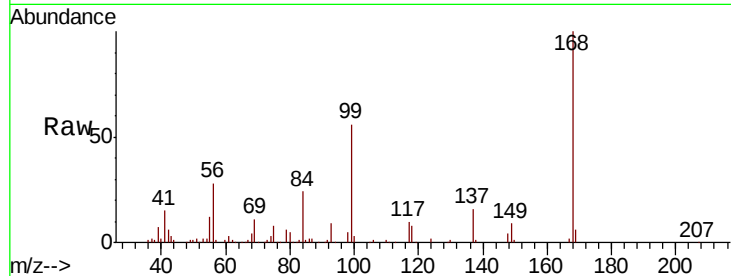
VN0318WBSD01

Tot Ion:168 Resp: 213443

Ion Ratio Lower Upper

168 100

99 55.7 44.0 66.0



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

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

7.64

100000

80000

60000

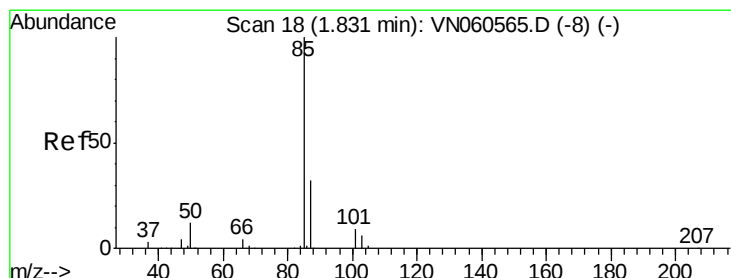
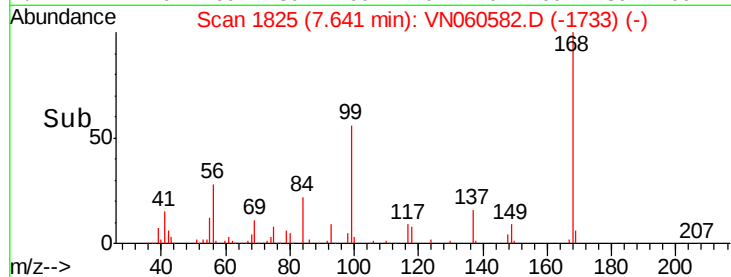
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 19.040 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060582.D

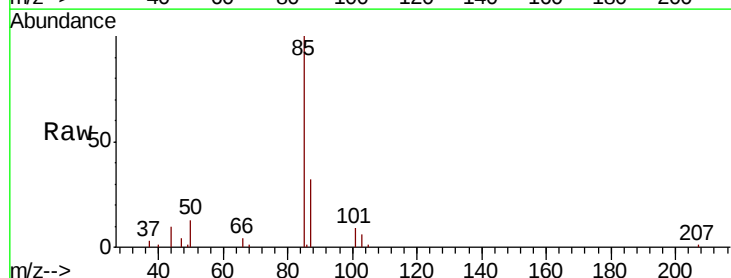
Acq: 18 Mar 2020 11:31

Tgt Ion: 85 Resp: 39323

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



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

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

1.83

30000

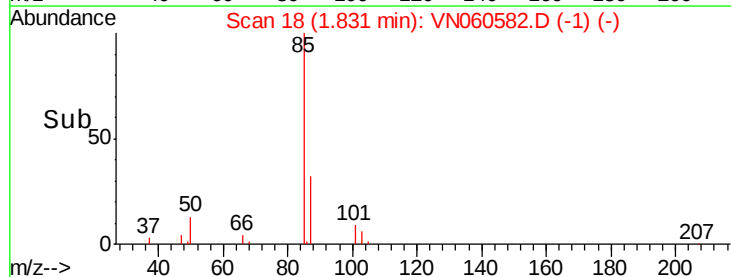
20000

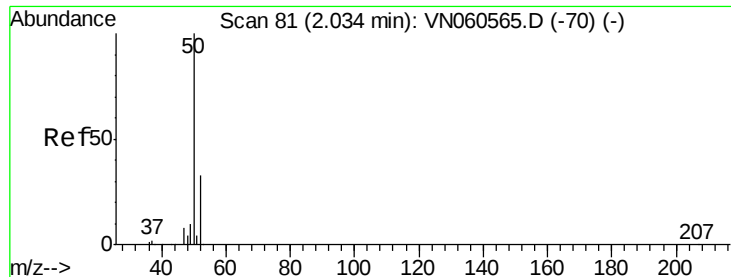
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.032 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

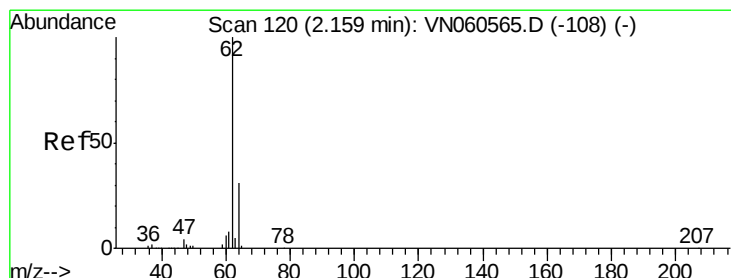
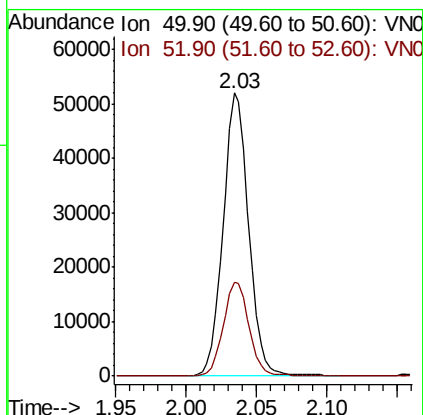
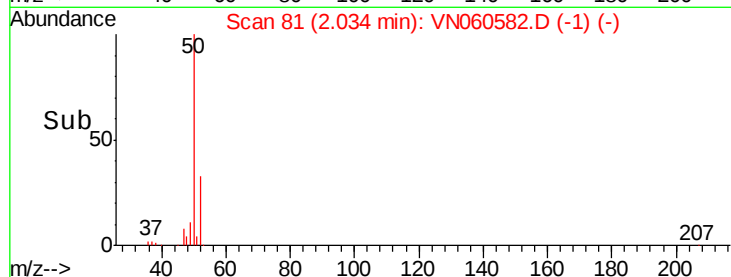
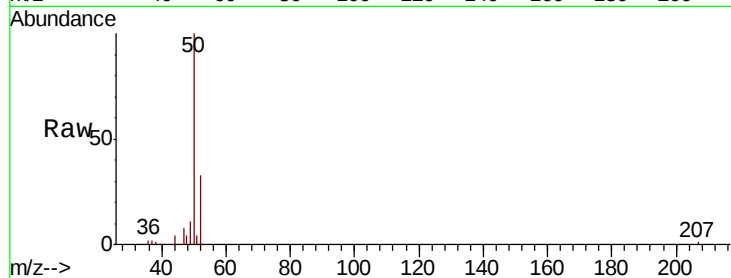
VN0318WBSD01

Tot Ion: 50 Resp: 65697

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 17.652 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN060582.D

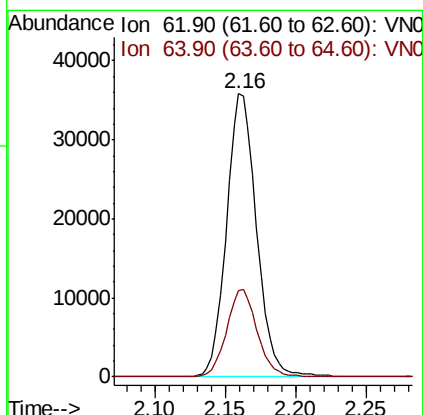
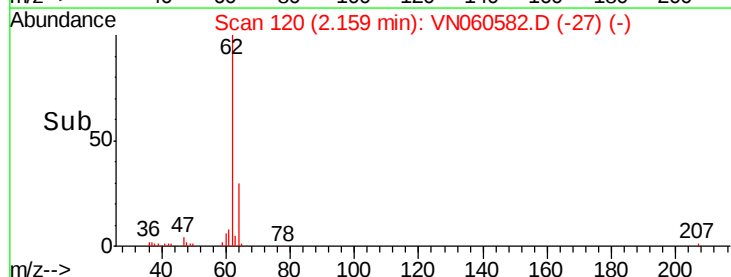
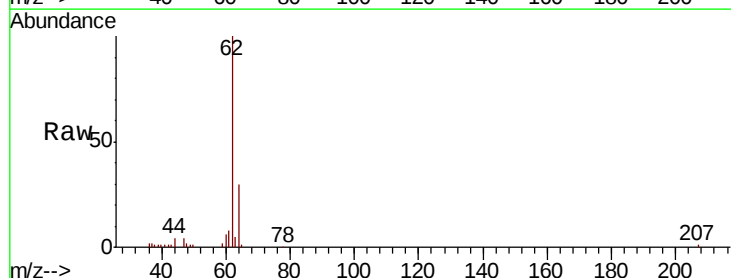
Acq: 18 Mar 2020 11:31

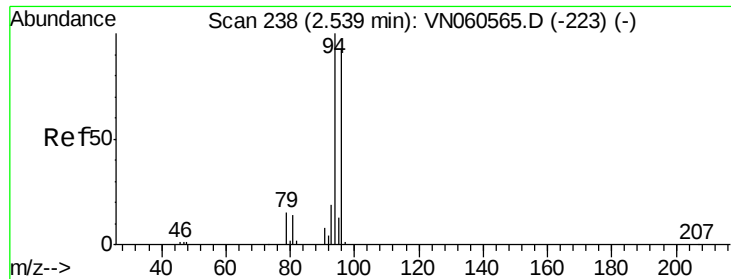
Tgt Ion: 62 Resp: 53255

Ion Ratio Lower Upper

62 100

64 30.4 24.7 37.1

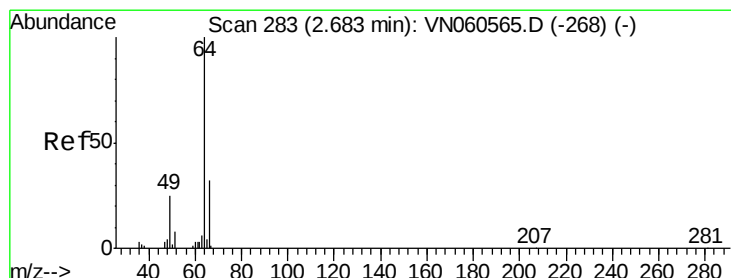
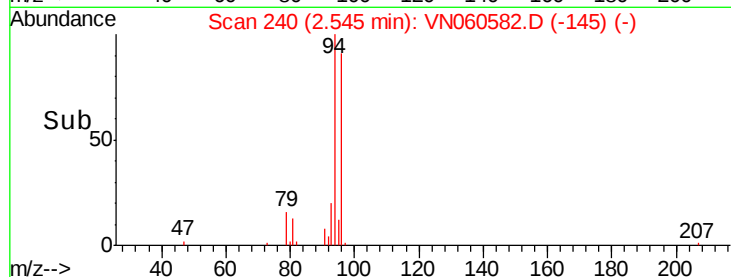
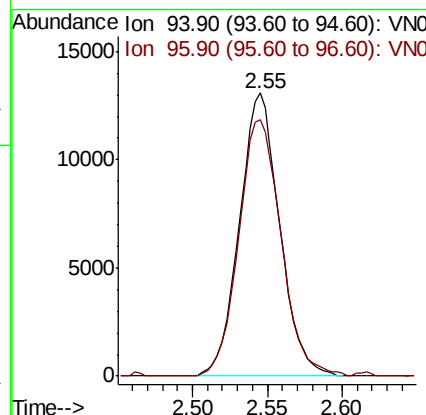
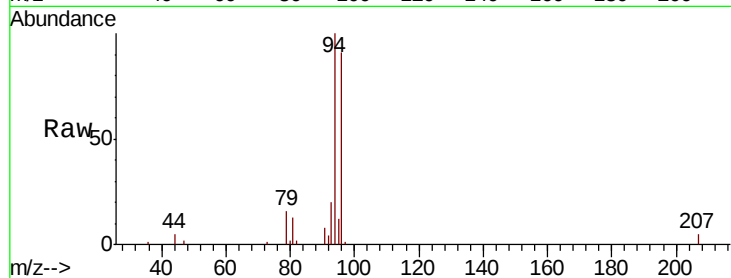




#5
Bromomethane
Concen: 18.736 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

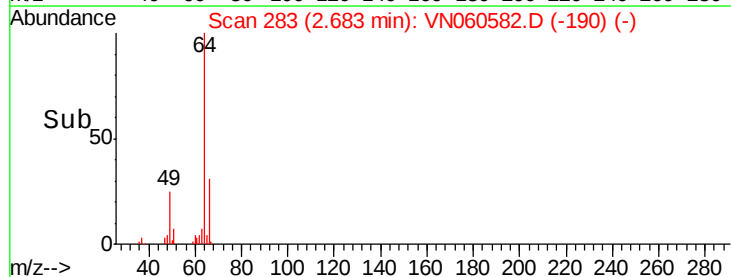
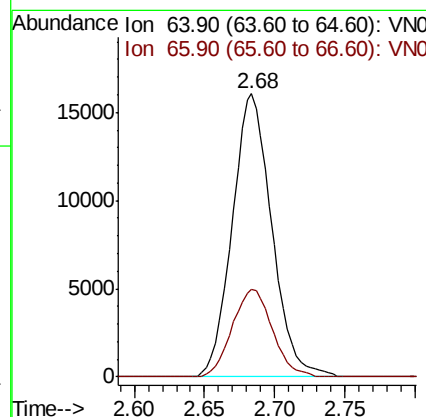
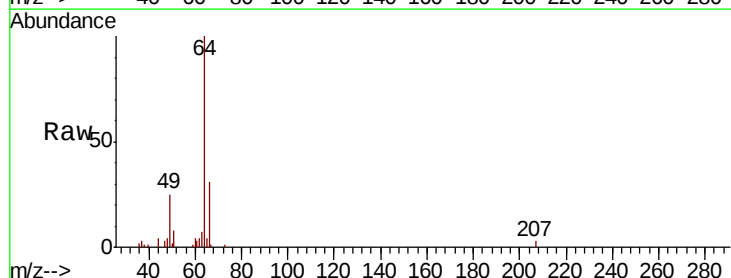
Instrument :
MSVOA_N
ClientSampled :
VN0318WBSD01

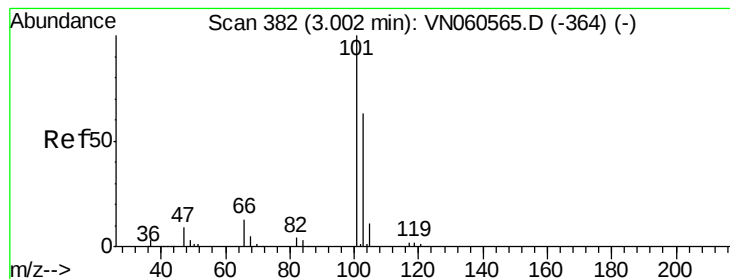
Tot Ion: 94 Resp: 24401
Ion Ratio Lower Upper
94 100
96 90.6 74.6 112.0



#6
Chloroethane
Concen: 18.096 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 64 Resp: 31450
Ion Ratio Lower Upper
64 100
66 30.9 25.3 37.9



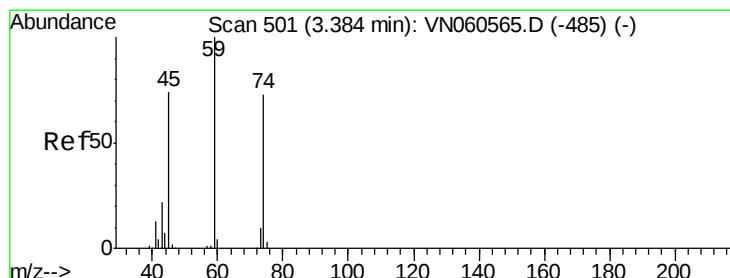
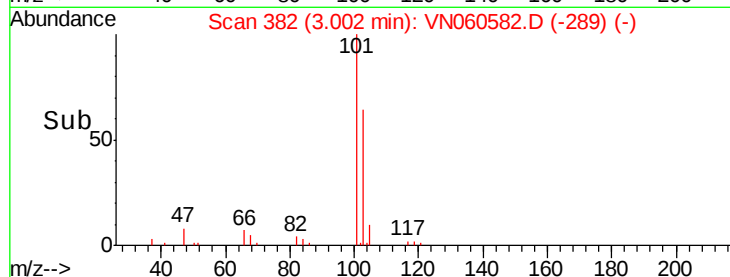
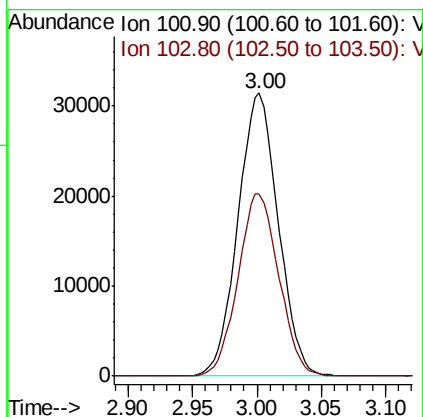
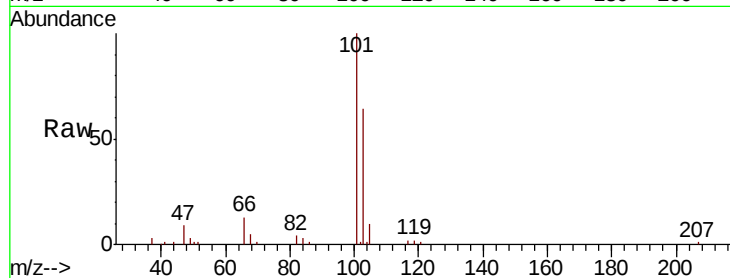


#7

Trichlorofluoromethane
 Concen: 18.380 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

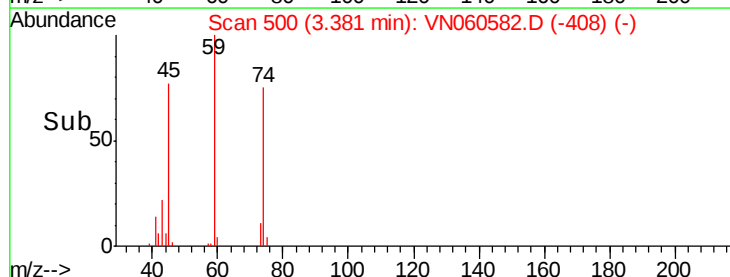
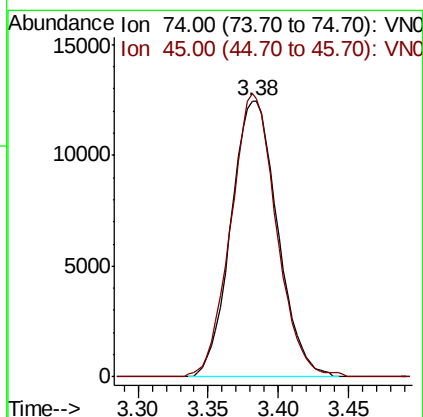
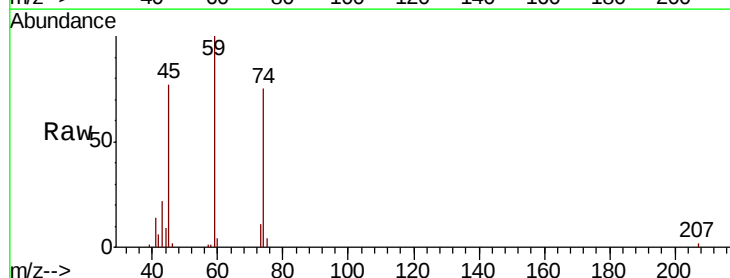
Tot Ion:101 Resp: 68307
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.6 76.0

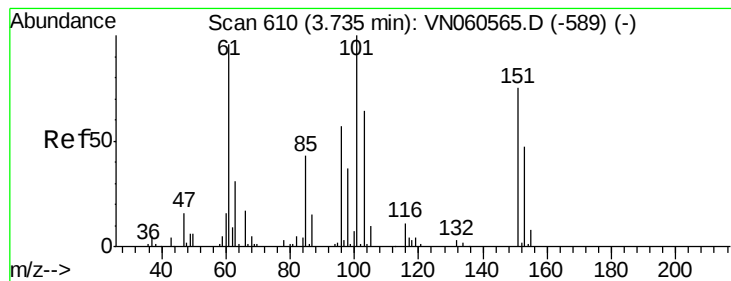


#8

Diethyl Ether
 Concen: 19.240 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion: 74 Resp: 28725
 Ion Ratio Lower Upper
 74 100
 45 100.4 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.144 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

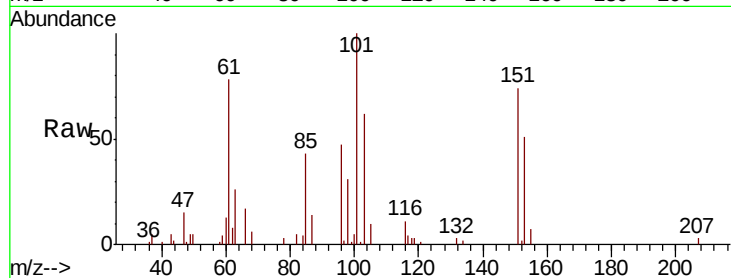
Tot Ion:101 Resp: 41227

Ion Ratio Lower Upper

101 100

85 43.4 35.6 53.4

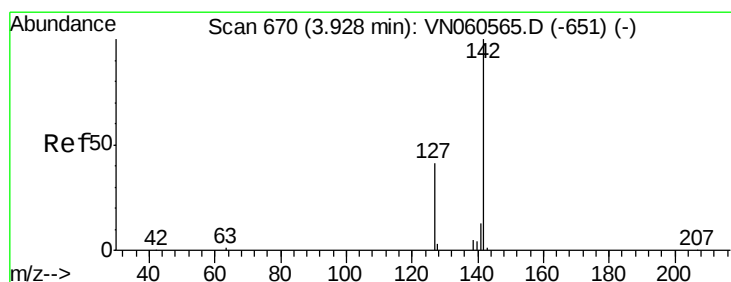
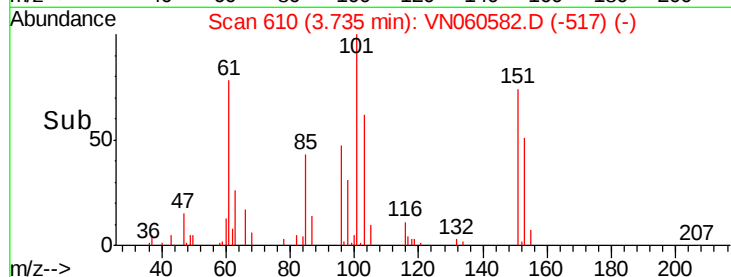
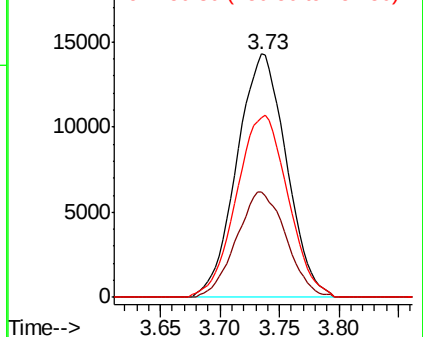
151 77.8 61.4 92.2



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: 21.050 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

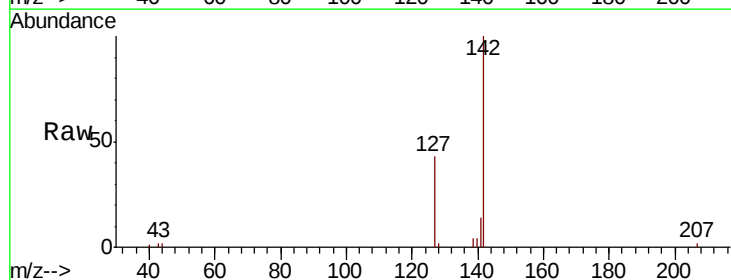
Tgt Ion:142 Resp: 40337

Ion Ratio Lower Upper

142 100

127 41.7 33.5 50.3

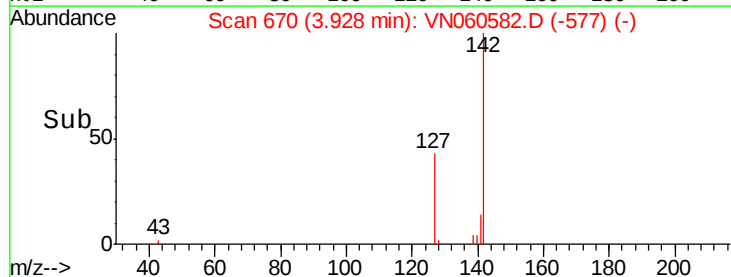
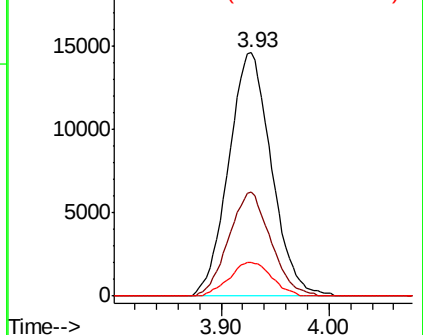
141 13.6 11.0 16.6

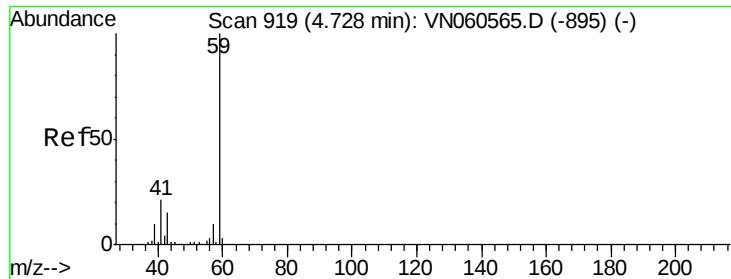


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

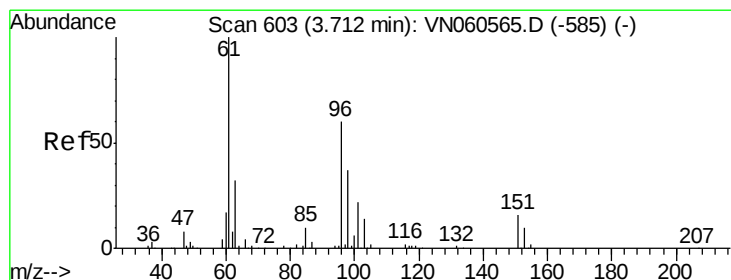
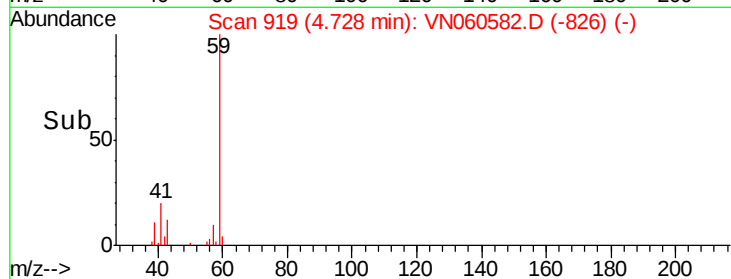
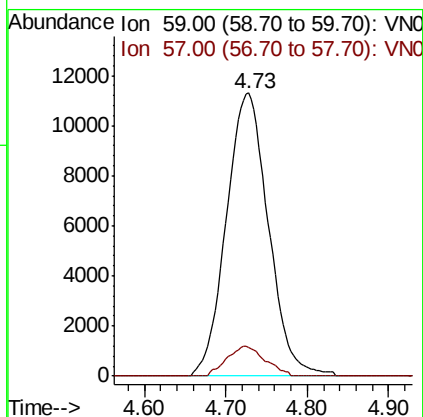
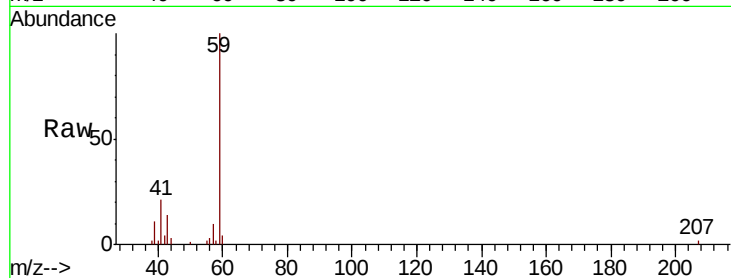




#11
Tert butyl alcohol
Concen: 94.126 ug/l
RT: 4.73 min Scan# 919
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

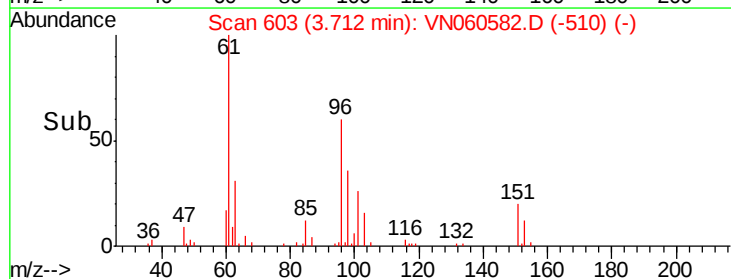
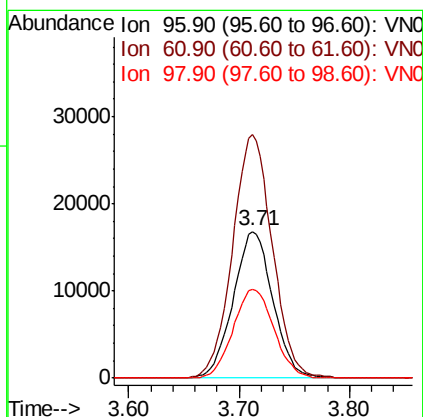
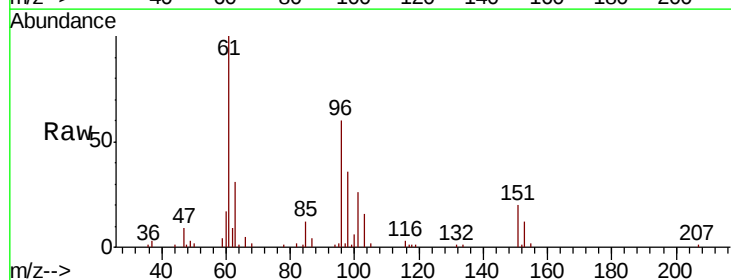
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

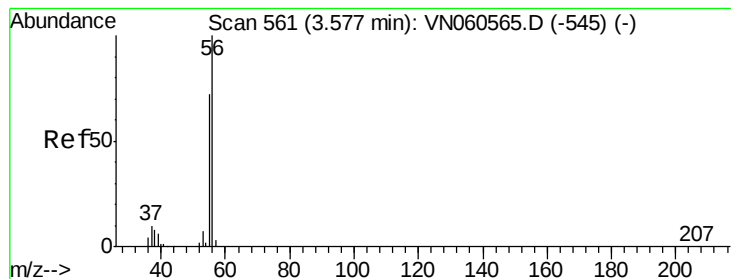
Tot Ion: 59 Resp: 40561
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.113 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 96 Resp: 41858
Ion Ratio Lower Upper
96 100
61 165.8 134.1 201.1
98 60.5 49.9 74.9





#13

Acrolein

Concen: 86.231 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

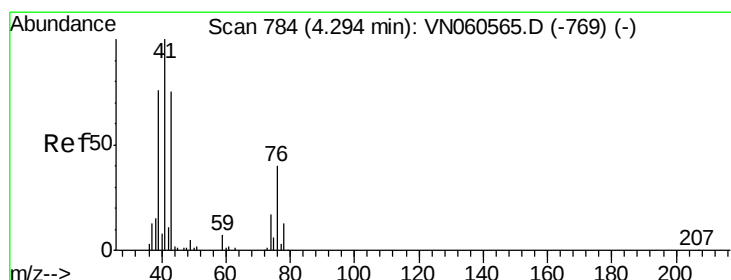
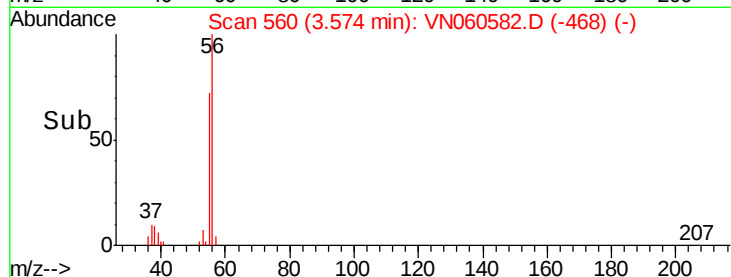
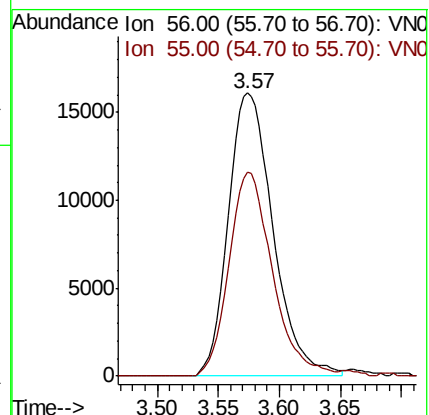
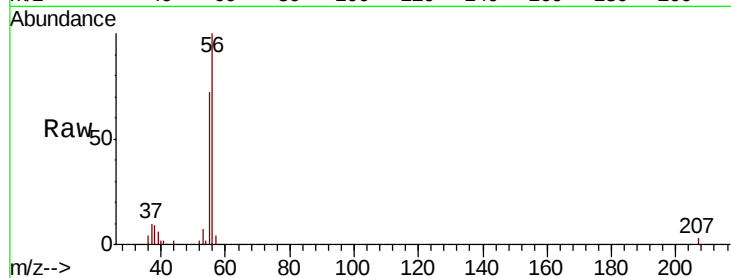
VN0318WBSD01

Tot Ion: 56 Resp: 41183

Ion Ratio Lower Upper

56 100

55 69.7 56.7 85.1



#14

Allyl chloride

Concen: 19.549 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

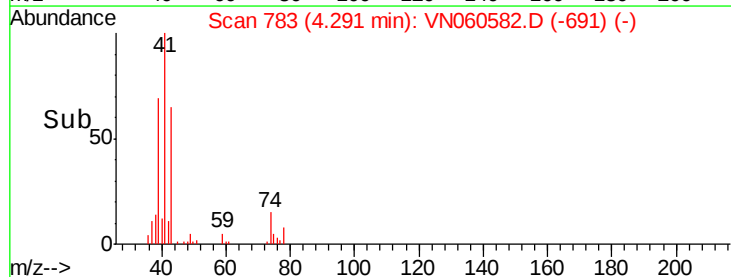
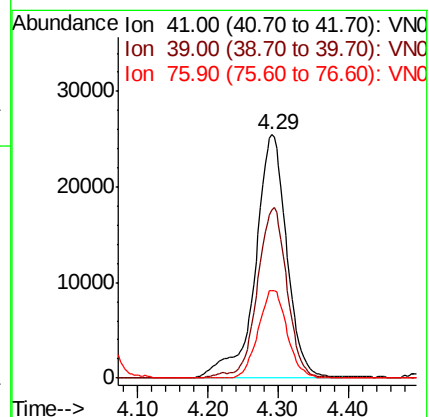
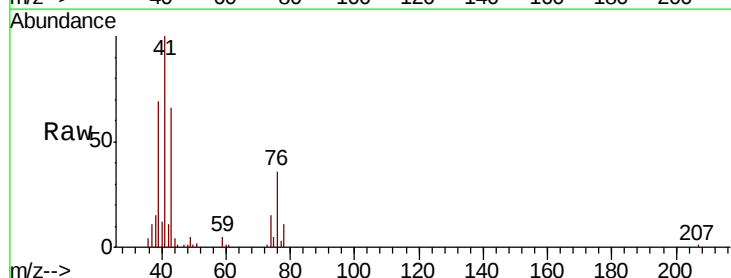
Tgt Ion: 41 Resp: 79454

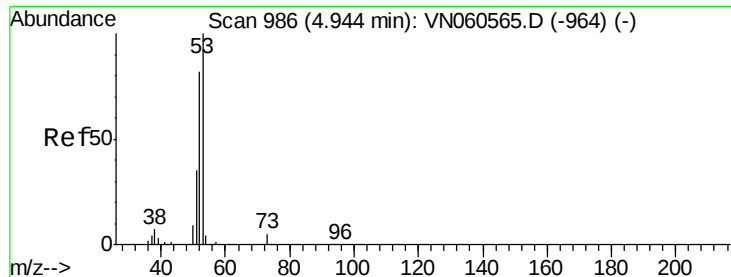
Ion Ratio Lower Upper

41 100

39 66.0 57.8 86.8

76 32.8 28.6 43.0





#15

Acrylonitrile

Concen: 89.601 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

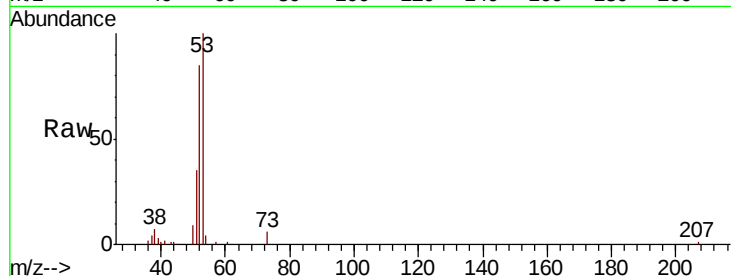
Tot Ion: 53 Resp: 113539

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.4

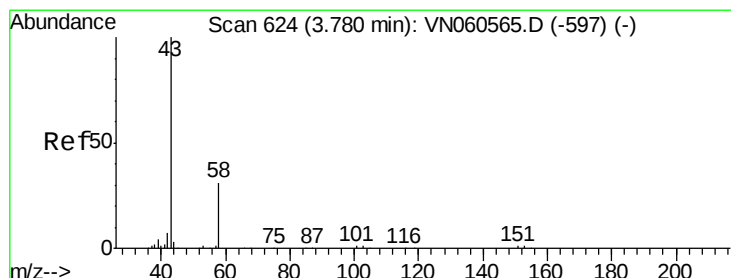
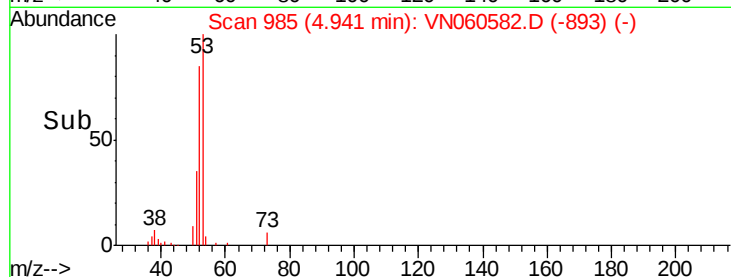
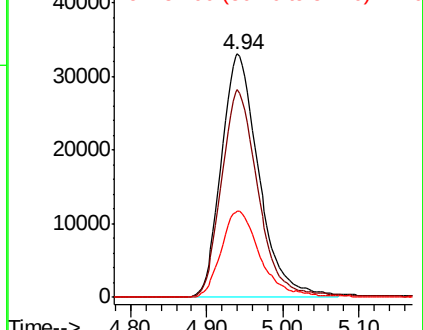
51 36.9 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN060565.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060565.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060565.D (-964) (-)



#16

Acetone

Concen: 92.921 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060582.D

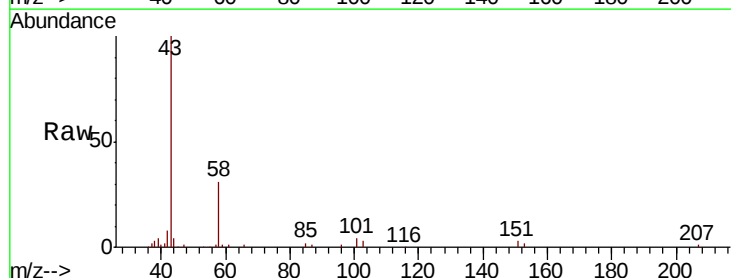
Acq: 18 Mar 2020 11:31

Tgt Ion: 43 Resp: 96442

Ion Ratio Lower Upper

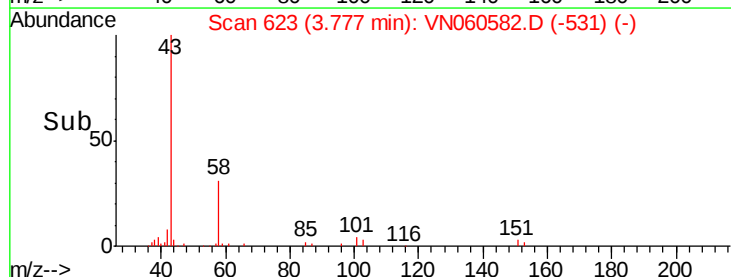
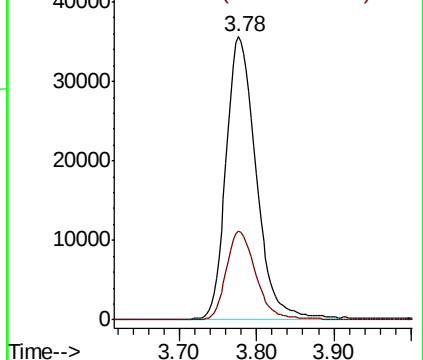
43 100

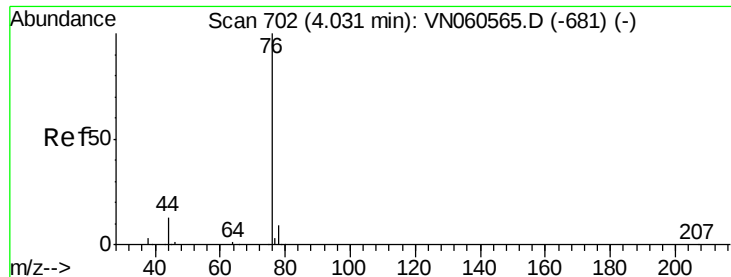
58 31.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-597) (-)

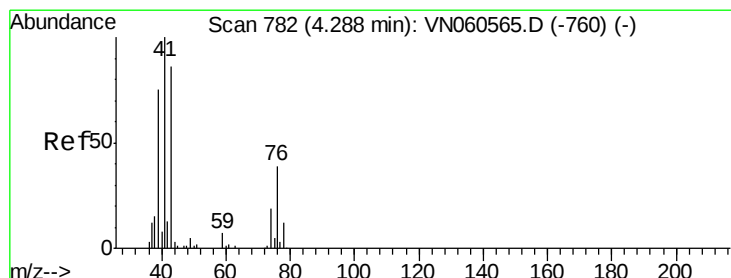
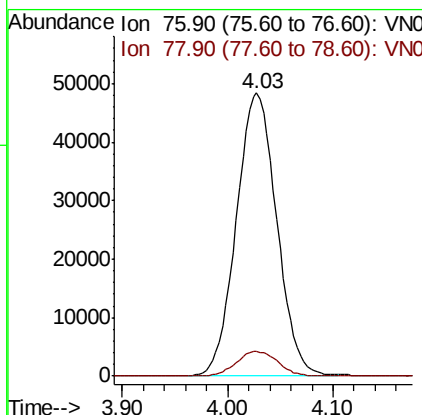
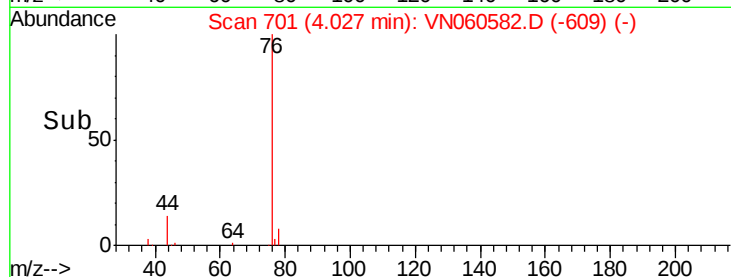
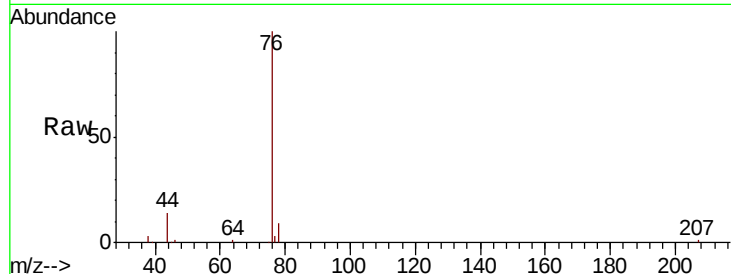




#17
Carbon Disulfide
Concen: 18.339 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

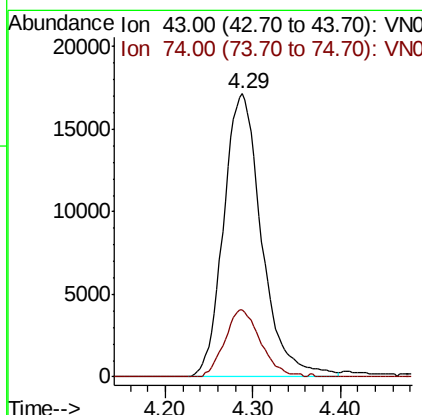
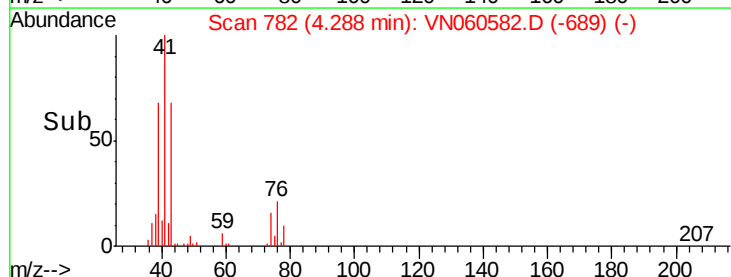
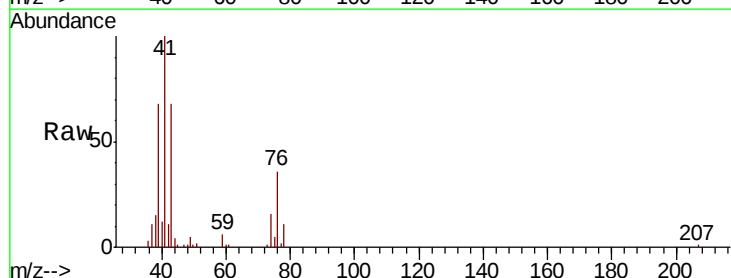
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

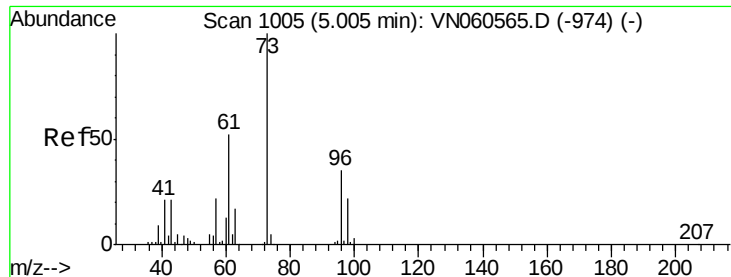
Tot Ion: 76 Resp: 128892
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 17.752 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 43 Resp: 51862
Ion Ratio Lower Upper
43 100
74 22.3 17.5 26.3



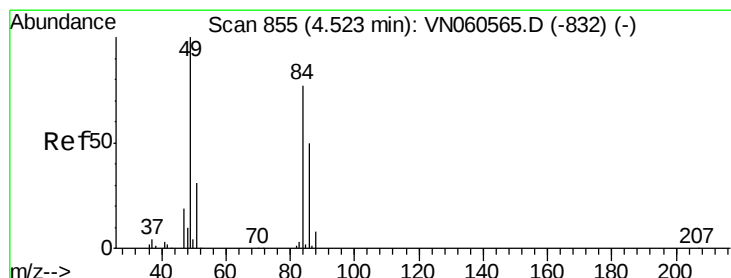
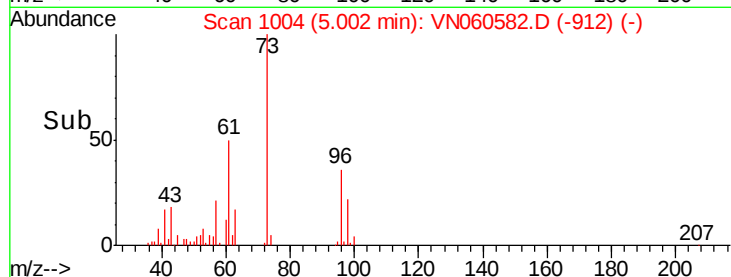
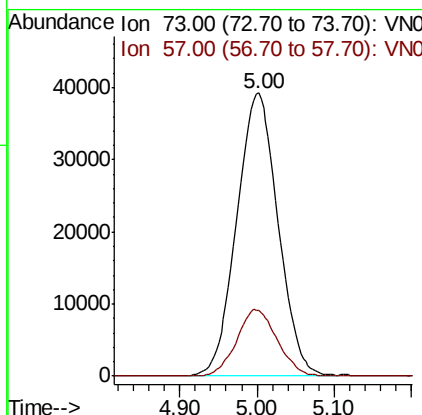
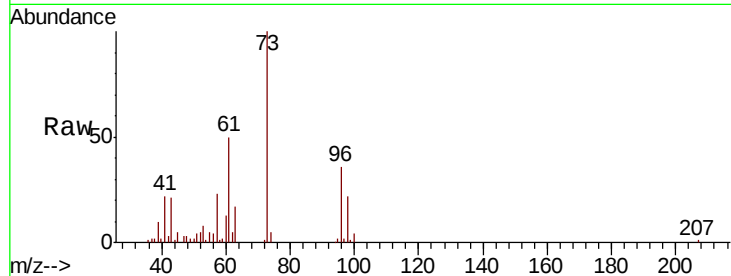


#19

Methyl tert-butyl Ether
 Concen: 18.368 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

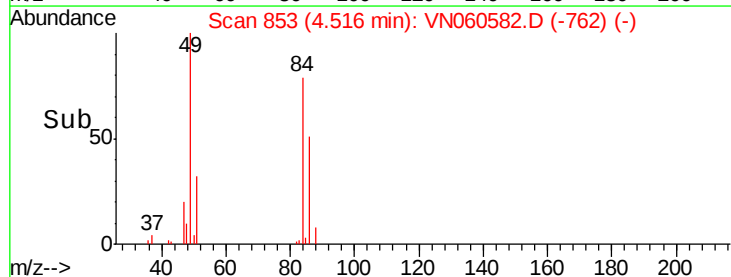
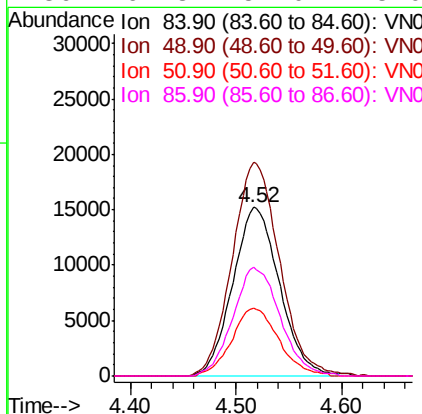
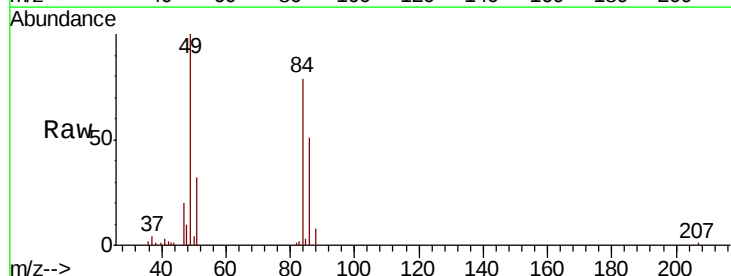
Tot Ion: 73 Resp: 145940
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.5 26.3



#20

Methylene Chloride
 Concen: 18.361 ug/l
 RT: 4.52 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion: 84 Resp: 46878
 Ion Ratio Lower Upper
 84 100
 49 126.6 103.3 154.9
 51 39.9 31.6 47.4
 86 64.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.543 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

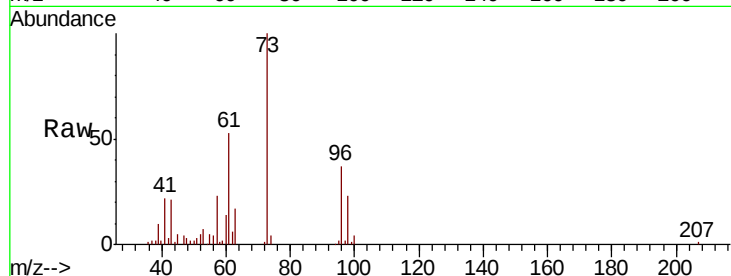
Tot Ion: 96 Resp: 45671

Ion Ratio Lower Upper

96 100

61 140.6 114.4 171.6

98 62.1 48.4 72.6

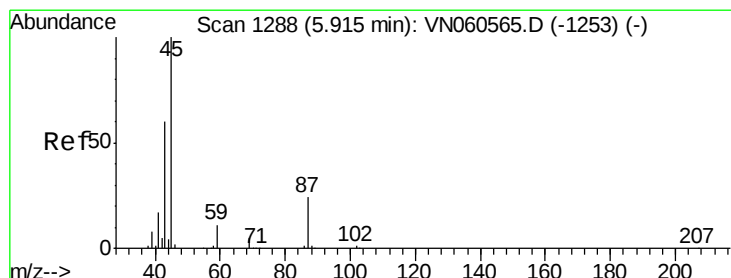
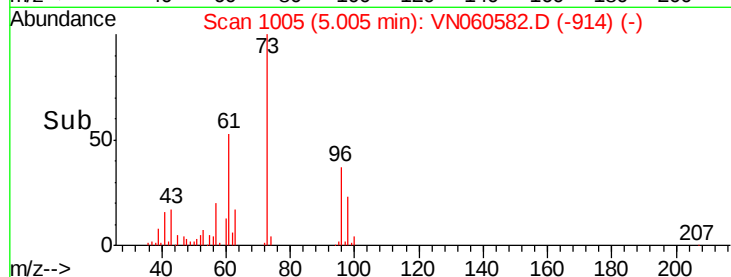
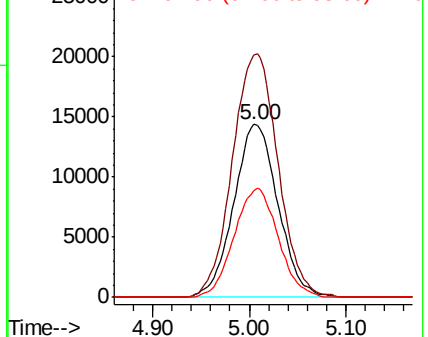


Abundance

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: 18.662 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Tgt Ion: 45 Resp: 160245

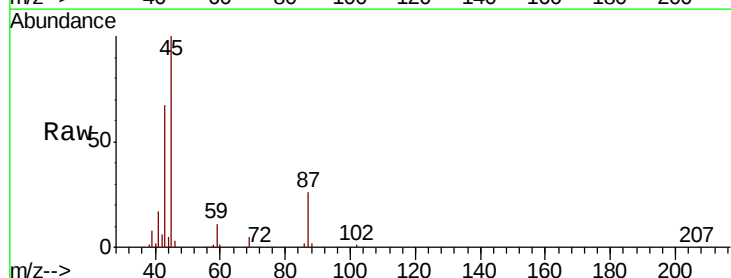
Ion Ratio Lower Upper

45 100

43 65.6 49.8 74.8

87 26.4 20.1 30.1

59 11.3 9.2 13.8



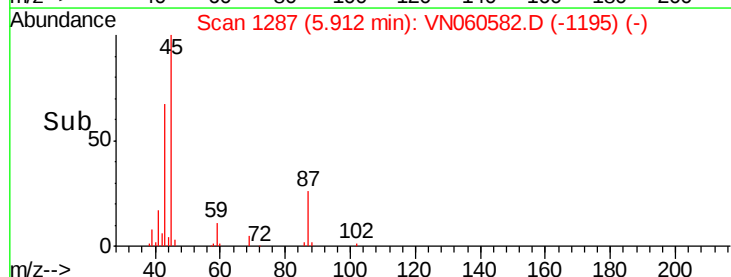
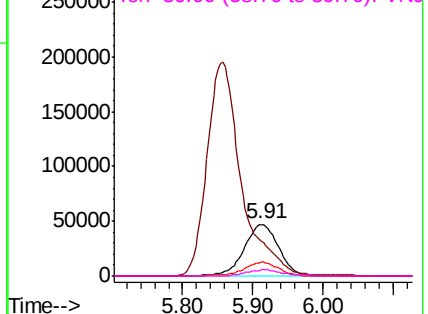
Abundance

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: 94.468 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

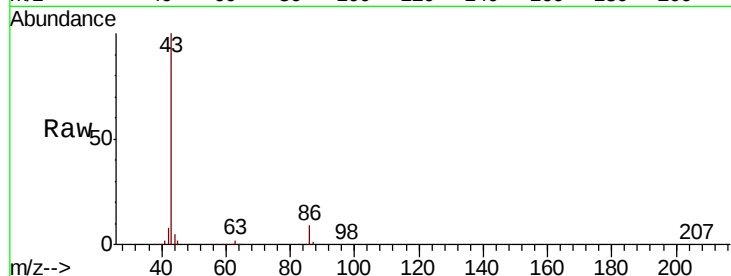
VN0318WBSD01

Tot Ion: 43 Resp: 661857

Ion Ratio Lower Upper

43 100

86 9.3 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

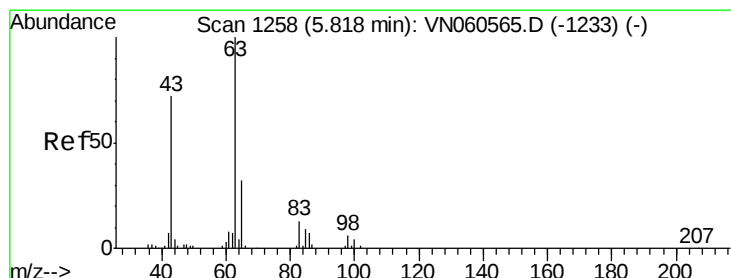
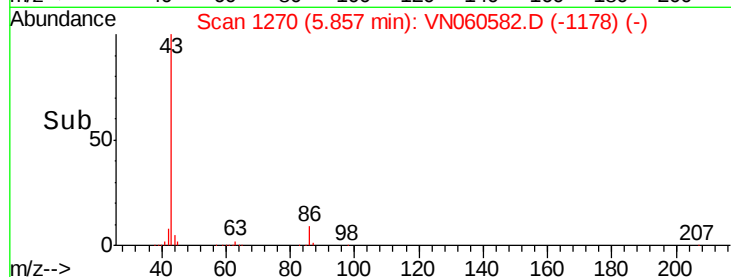
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.530 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

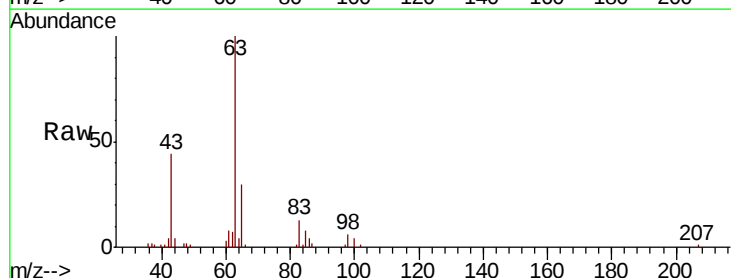
Tgt Ion: 63 Resp: 86739

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.81

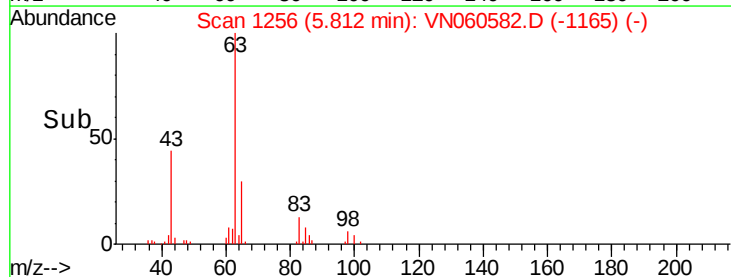
30000

20000

10000

0

Time-->

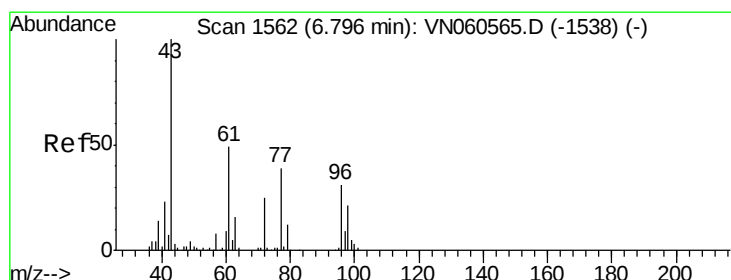
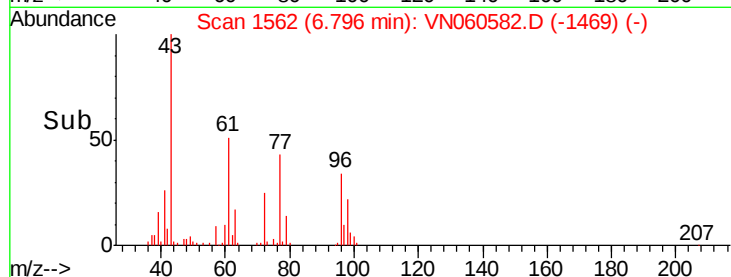
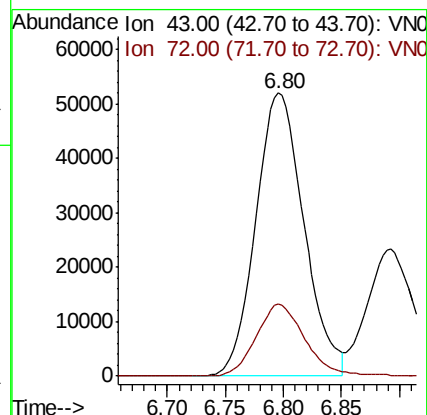
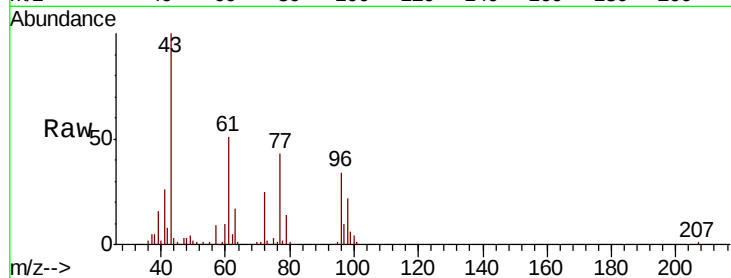




#25
2-Butanone
Concen: 89.443 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

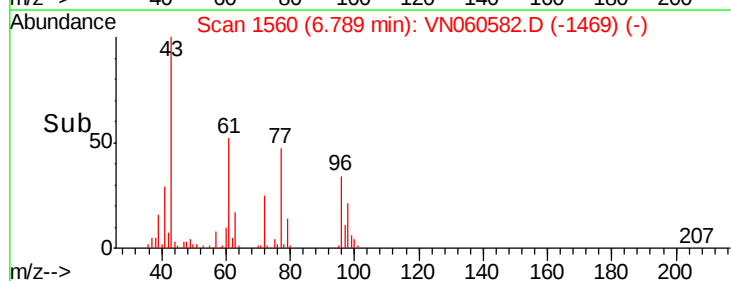
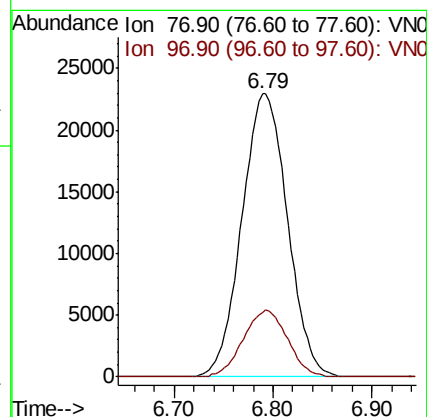
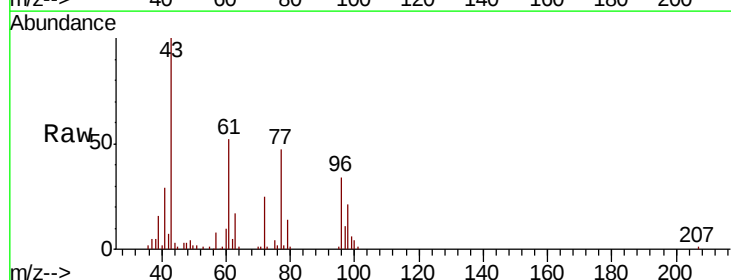
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tot Ion: 43 Resp: 150219
Ion Ratio Lower Upper
43 100
72 25.4 20.4 30.6



#26
2,2-Dichloropropane
Concen: 19.934 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 77 Resp: 73417
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.446 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0318WBSD01

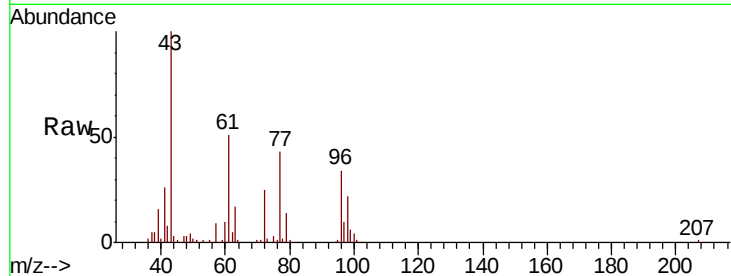
Tot Ion: 96 Resp: 51628

Ion Ratio Lower Upper

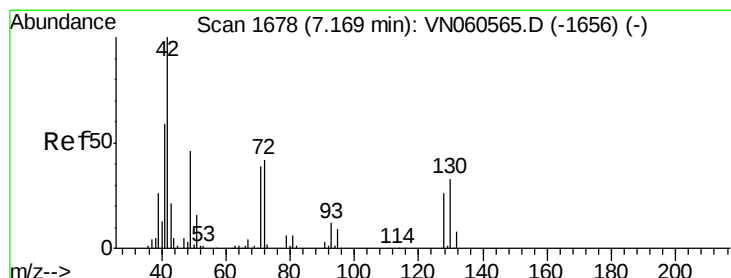
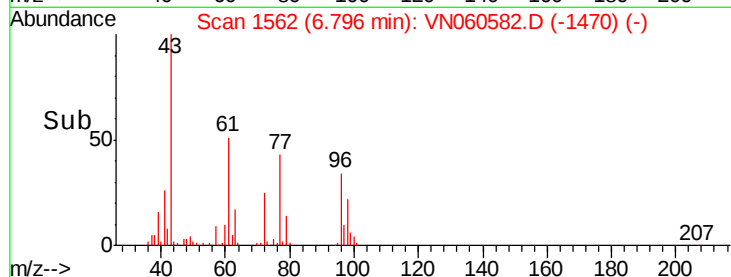
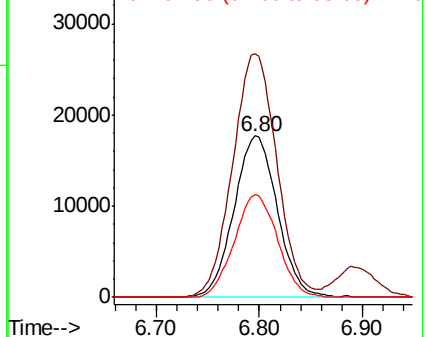
96 100

61 154.3 0.0 305.6

98 63.7 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: 18.595 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

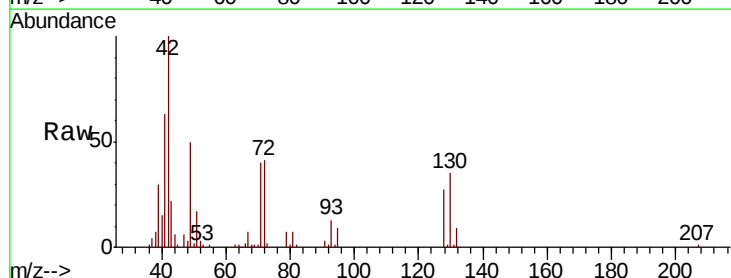
Tgt Ion: 49 Resp: 41646

Ion Ratio Lower Upper

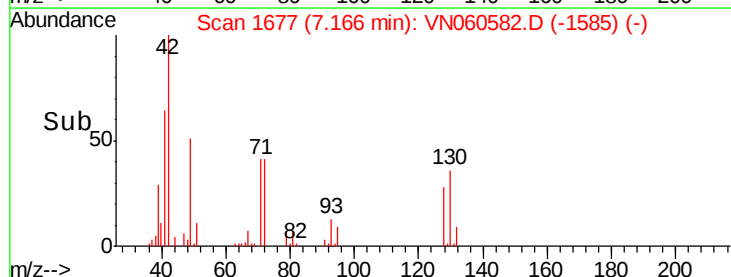
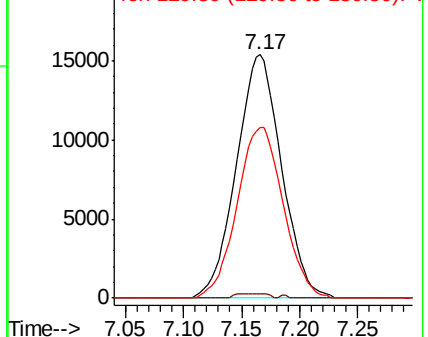
49 100

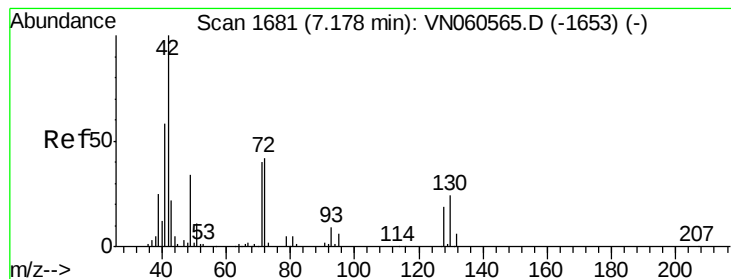
129 1.2 0.0 3.4

130 71.6 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: 88.302 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

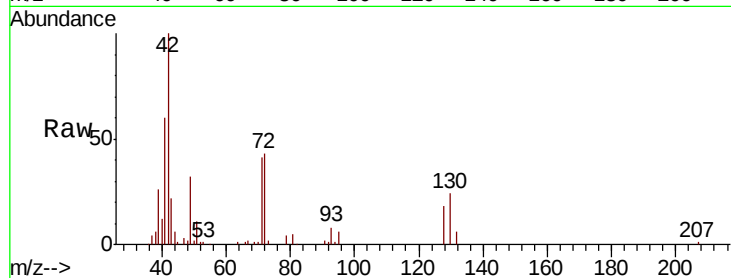
Tot Ion: 42 Resp: 104930

Ion Ratio Lower Upper

42 100

72 42.2 33.2 49.8

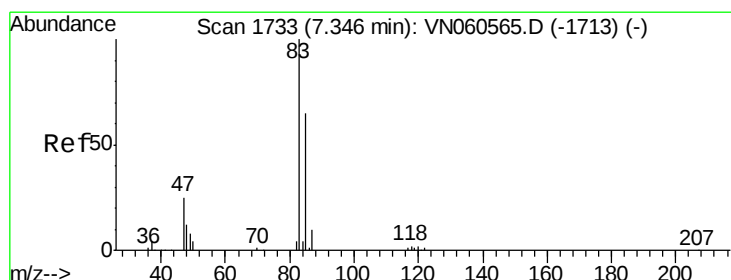
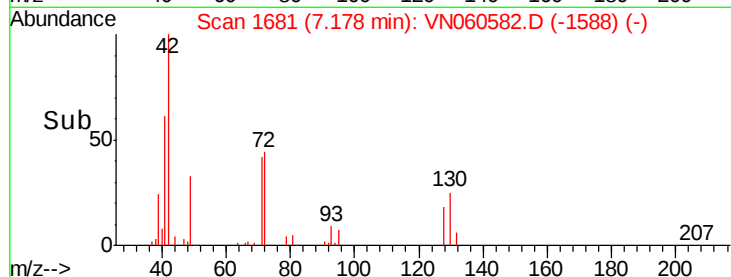
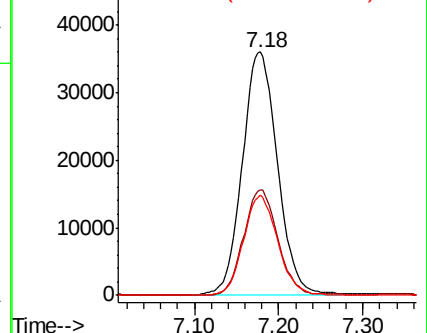
71 39.6 31.1 46.7



Abundance Ion 42.00 (41.70 to 42.70): VN060565.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN060565.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN060565.D (-1653) (-)



#30

Chloroform

Concen: 18.558 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060582.D

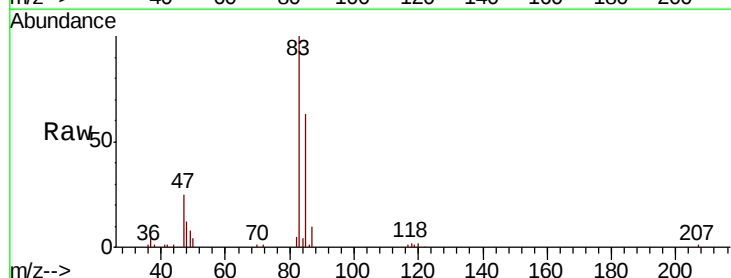
Acq: 18 Mar 2020 11:31

Tgt Ion: 83 Resp: 83283

Ion Ratio Lower Upper

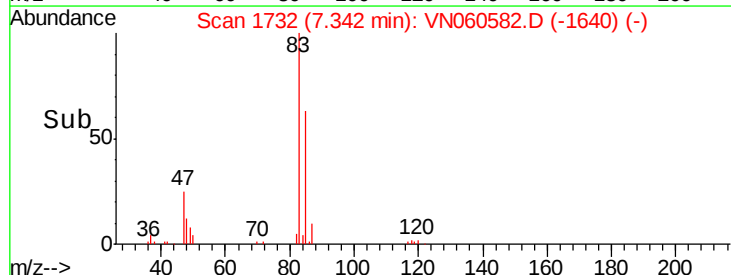
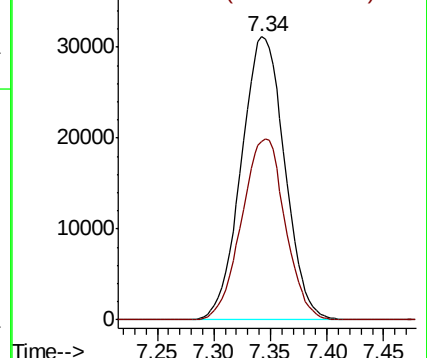
83 100

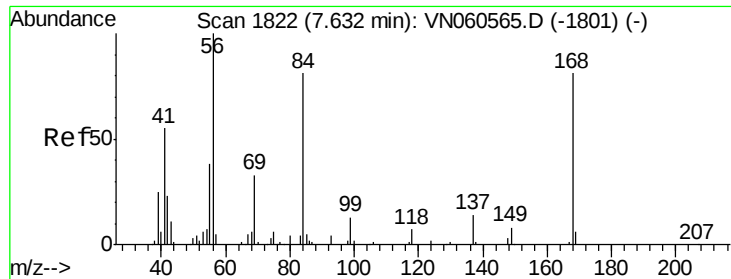
85 63.1 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN060565.D (-1713) (-)

Ion 84.90 (84.60 to 85.60): VN060565.D (-1713) (-)

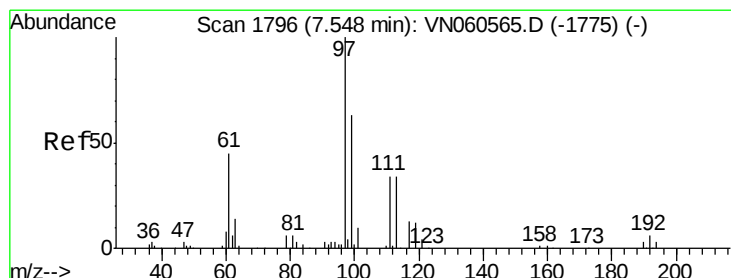
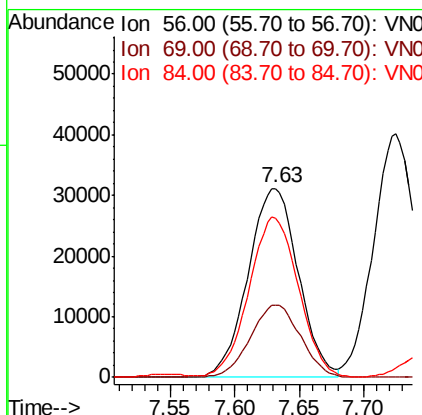
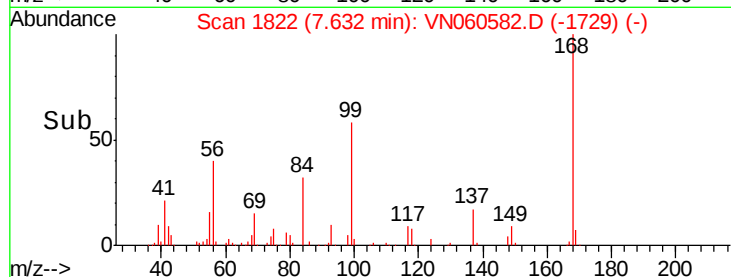
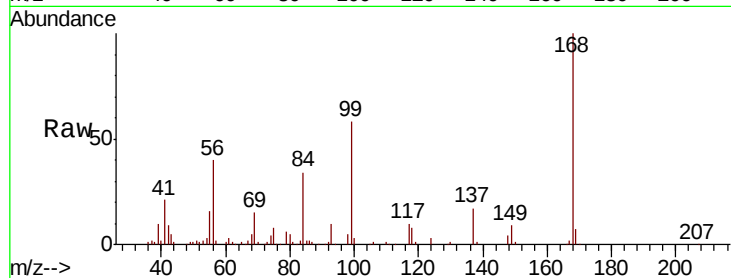




#31
Cyclohexane
Concen: 17.928 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

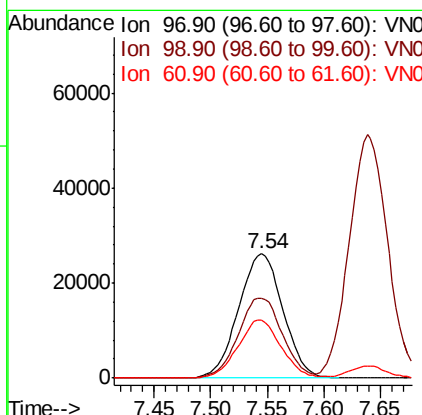
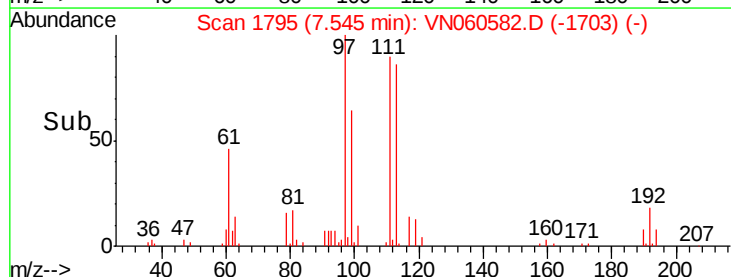
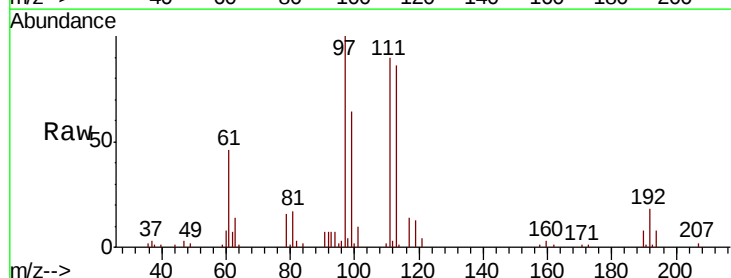
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

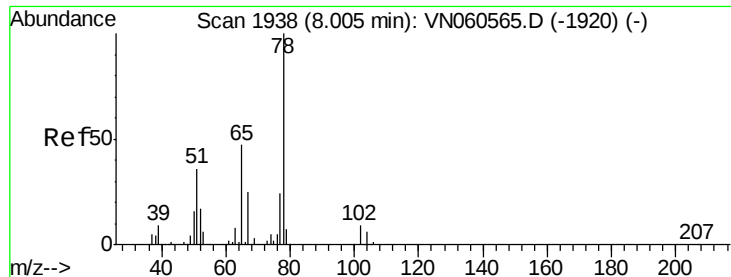
Tot Ion: 56 Resp: 84607
Ion Ratio Lower Upper
56 100
69 38.4 26.6 40.0
84 83.6 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 18.473 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 97 Resp: 71464
Ion Ratio Lower Upper
97 100
99 64.0 50.6 75.8
61 45.5 36.2 54.4

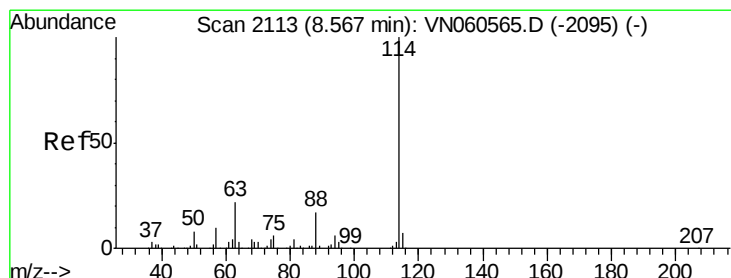
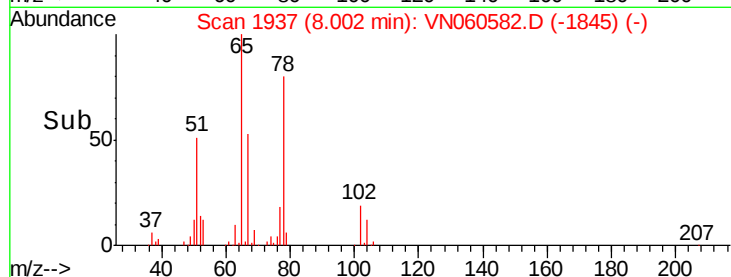
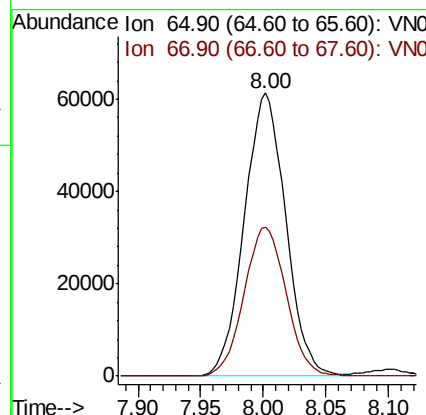
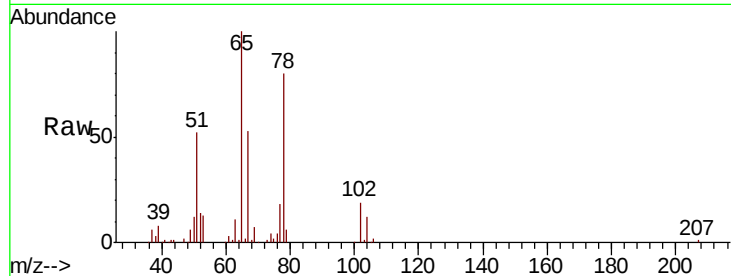




#33
 1,2-Dichloroethane-d4
 Concen: 48.111 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

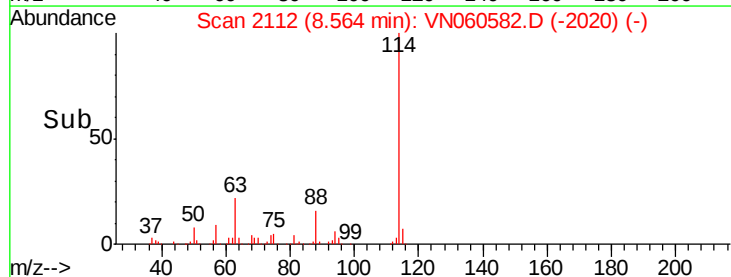
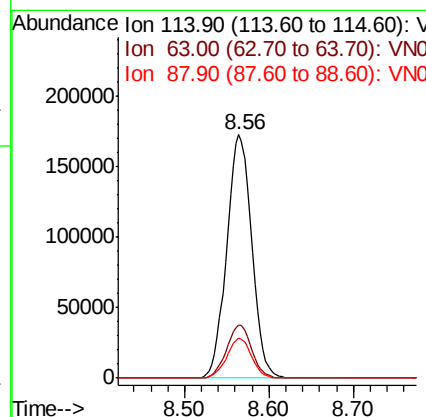
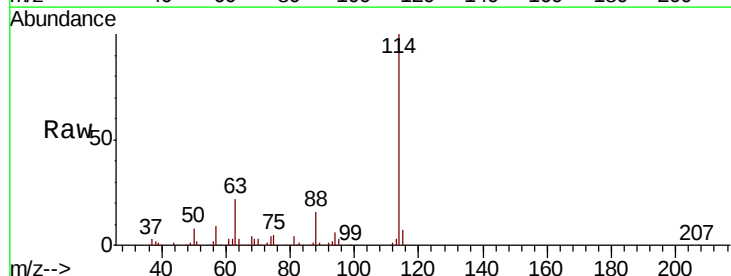
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

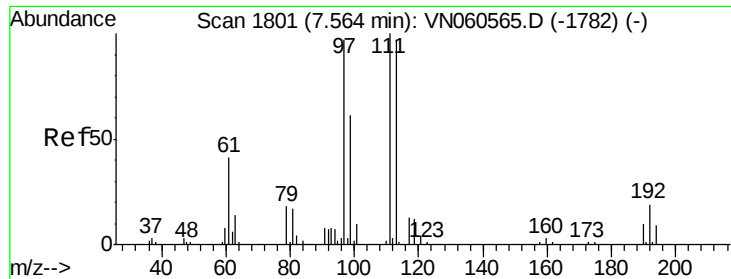
Tot Ion: 65 Resp: 140969
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion: 114 Resp: 356315
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 16.4 0.0 33.0

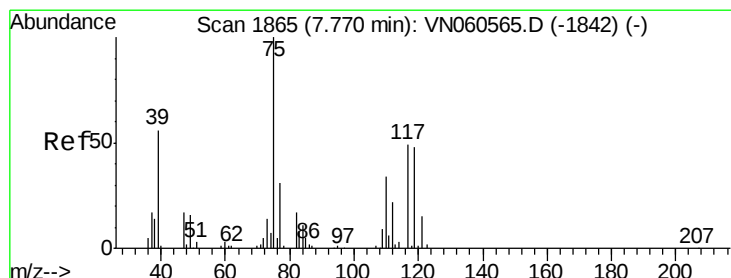
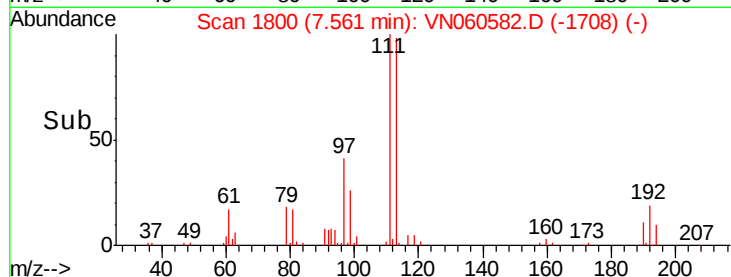
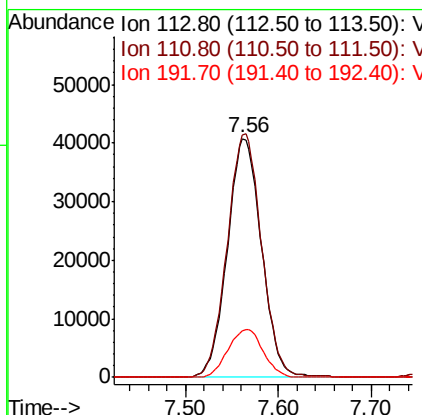
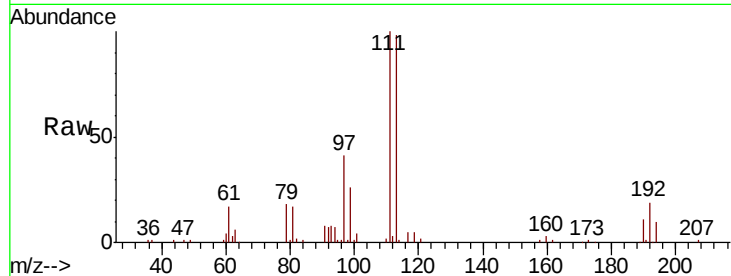




#35
 Dibromofluoromethane
 Concen: 48.258 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

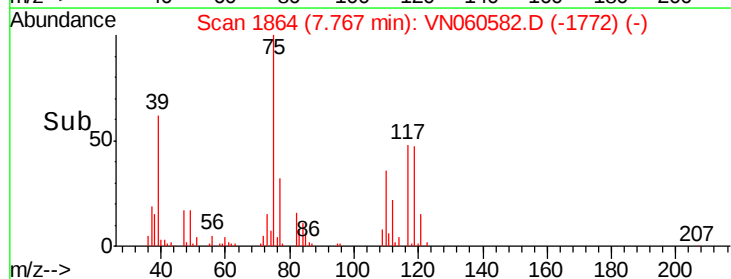
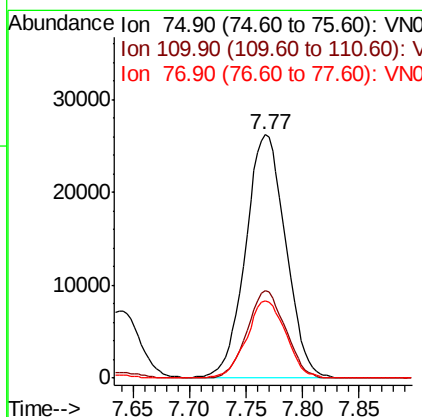
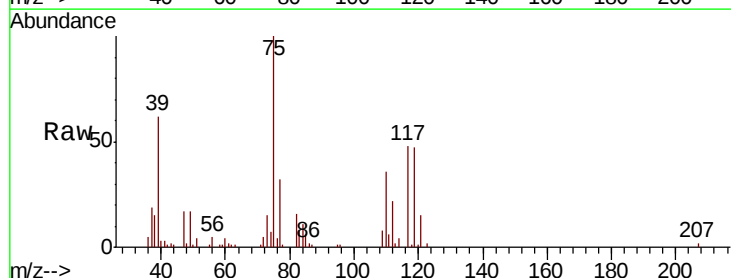
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

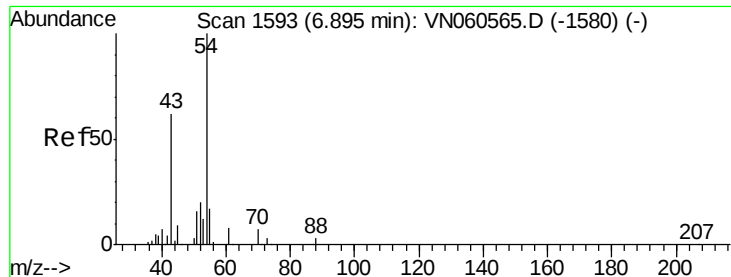
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	20.6	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 18.784 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.9	50.6
77	31.0	24.6	36.8

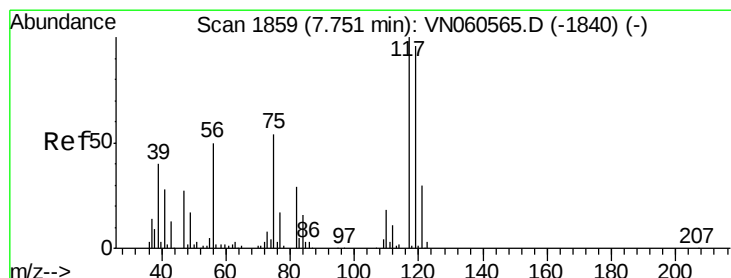
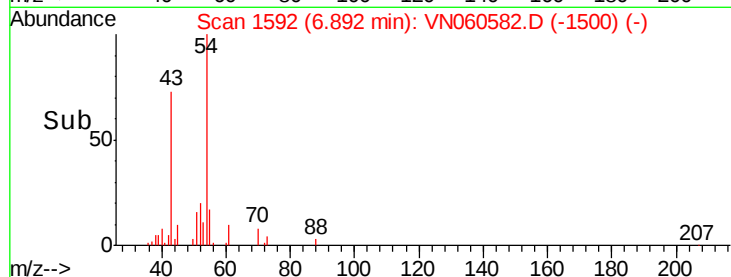
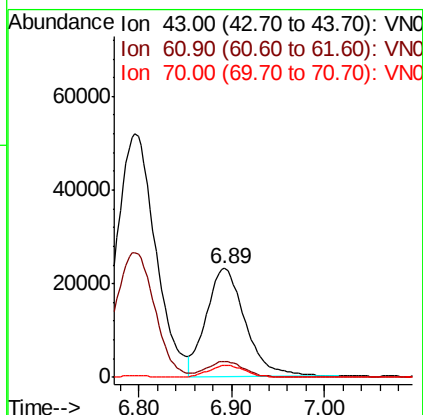
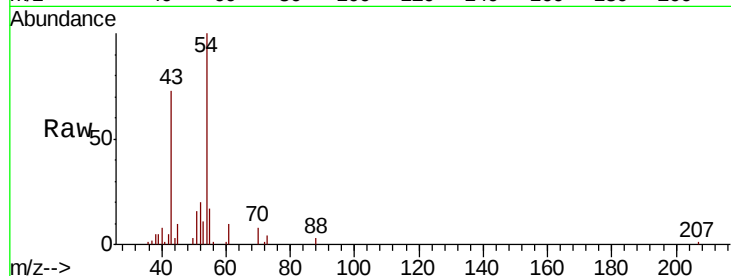




#37
Ethyl Acetate
Concen: 18.022 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

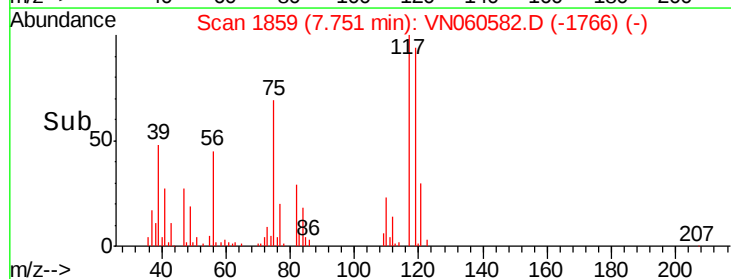
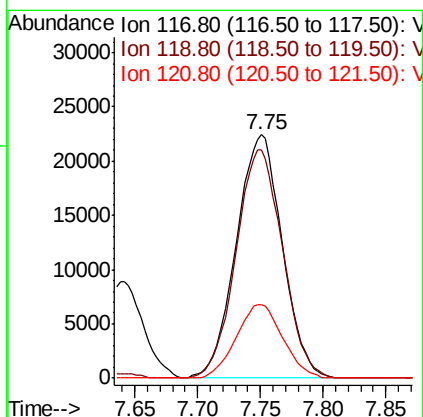
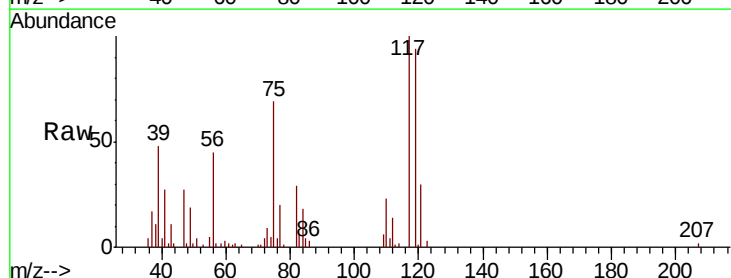
Instrument :
MSVOA_N
ClientSampled :
VN0318WBSD01

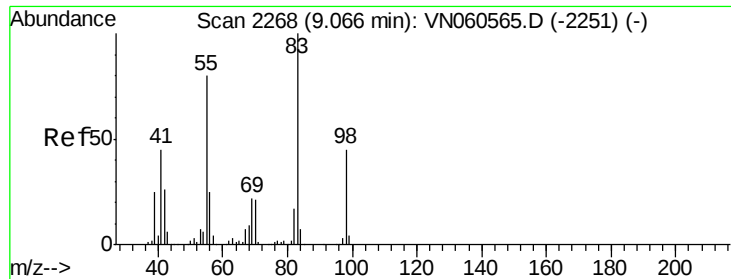
Tot Ion: 43 Resp: 67185
Ion Ratio Lower Upper
43 100
61 14.0 10.6 15.8
70 10.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.495 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 117 Resp: 57192
Ion Ratio Lower Upper
117 100
119 93.7 76.2 114.2
121 30.1 23.7 35.5

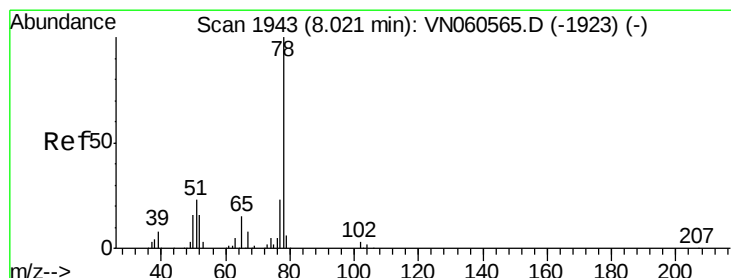
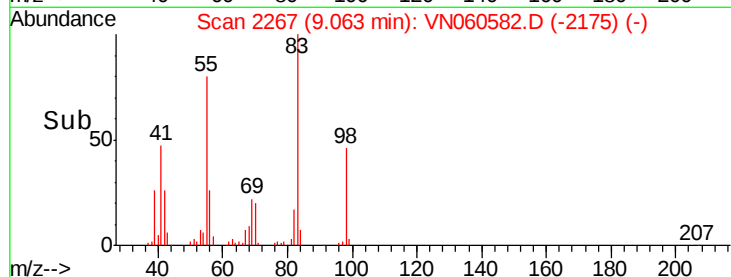
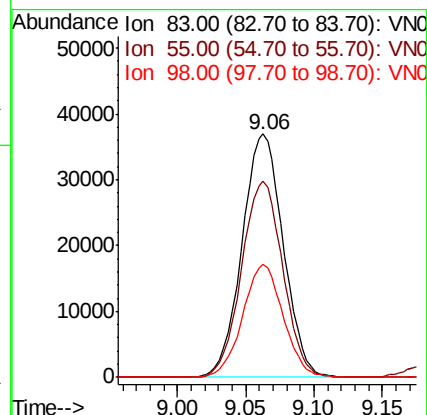
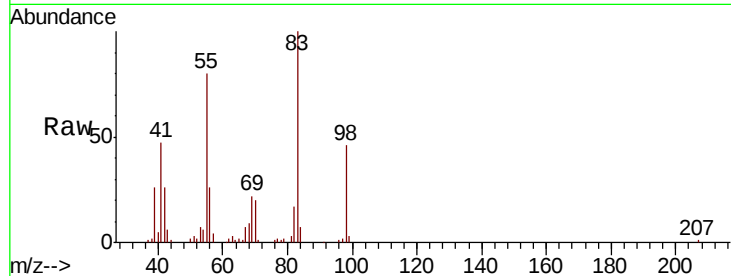




#39
Methvlcvclohexane
Concen: 18.901 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

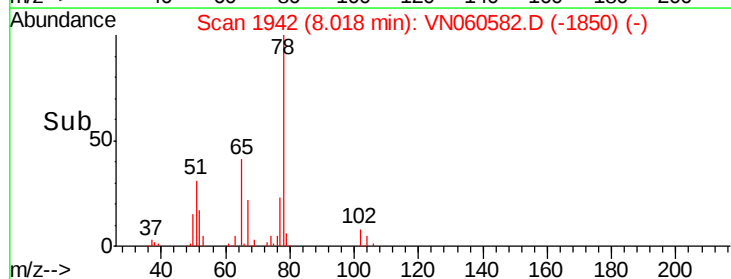
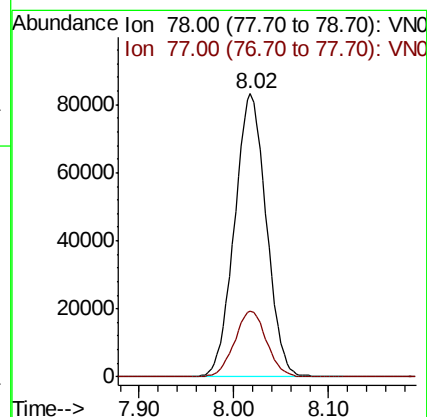
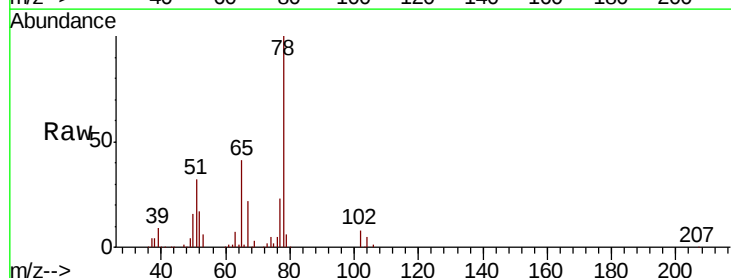
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

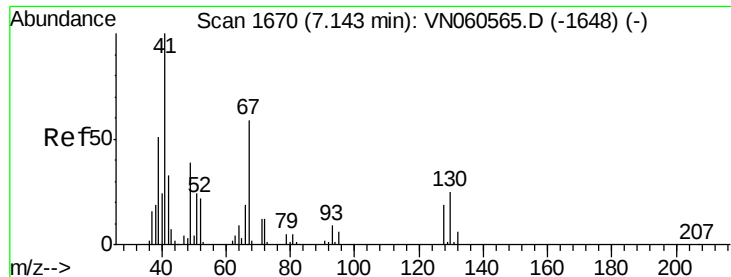
Tot Ion: 83 Resp: 77496
Ion Ratio Lower Upper
83 100
55 80.4 63.6 95.4
98 46.3 36.0 54.0



#40
Benzene
Concen: 18.655 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 78 Resp: 194295
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0

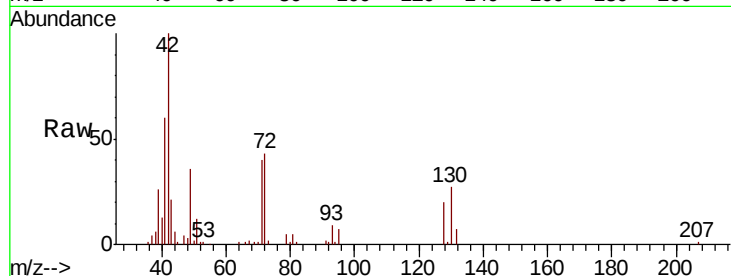




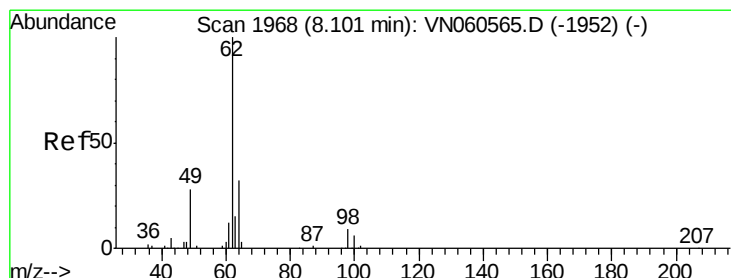
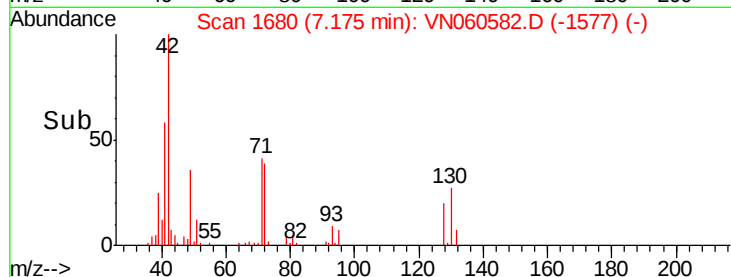
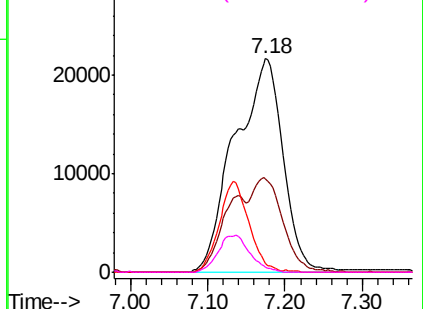
#41
Methacrylonitrile
Concen: 59.181 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Instrument :
MSVOA_N
ClientSampled :
VN0318WBSD01

Tot Ion:	41	Resp:	94159
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

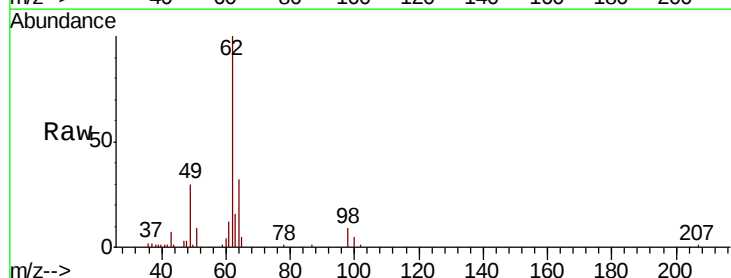


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

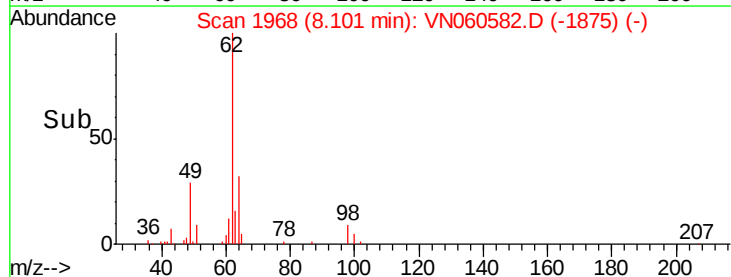
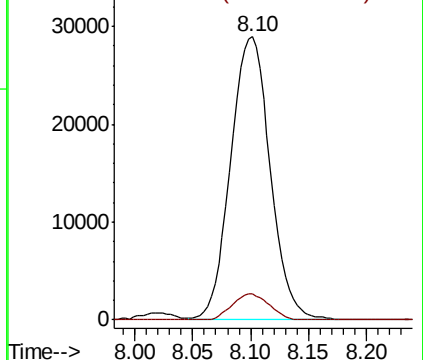


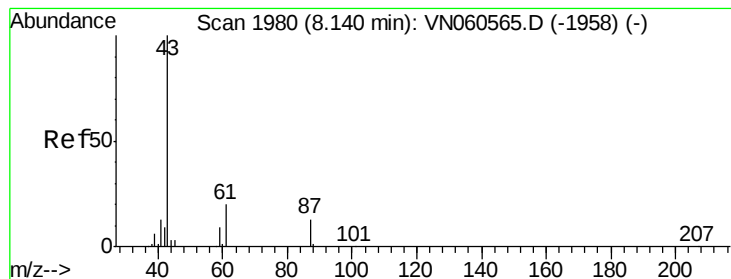
#42
1,2-Dichloroethane
Concen: 19.242 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion:	62	Resp:	68493
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: 18.329 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

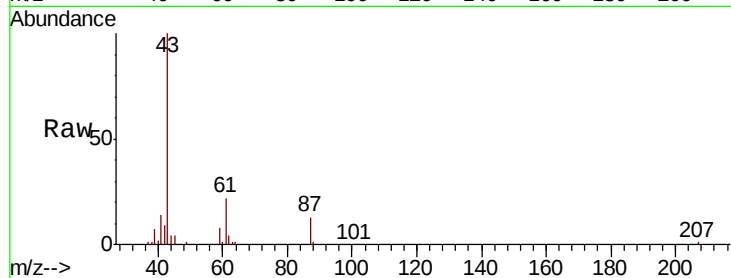
Tot Ion: 43 Resp: 112693

Ion Ratio Lower Upper

43 100

61 26.7 20.7 31.1

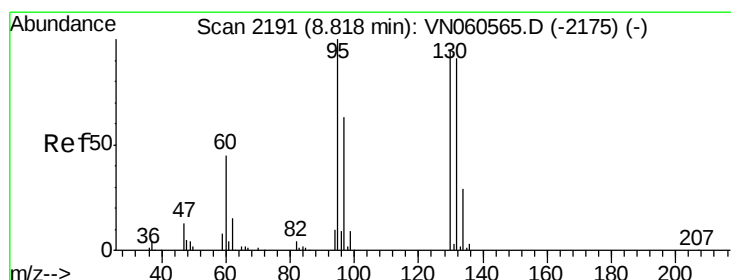
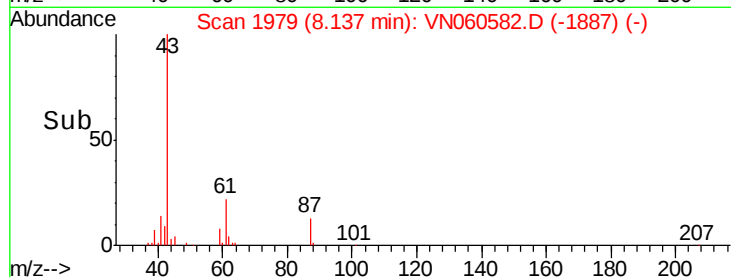
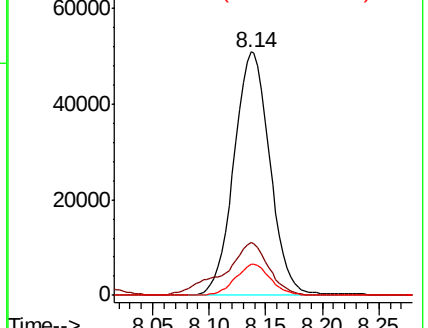
87 12.3 9.8 14.8



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

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

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



#44

Trichloroethene

Concen: 19.317 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060582.D

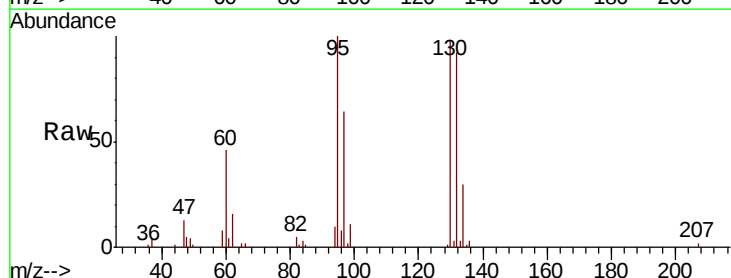
Acq: 18 Mar 2020 11:31

Tgt Ion:130 Resp: 50719

Ion Ratio Lower Upper

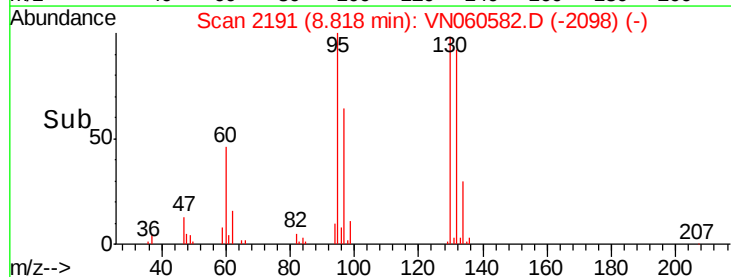
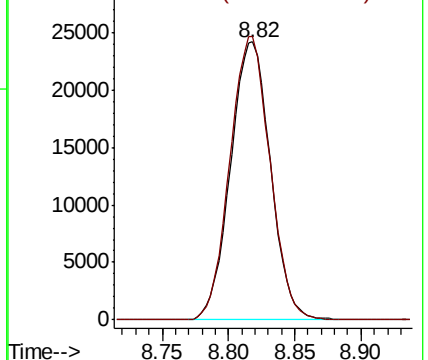
130 100

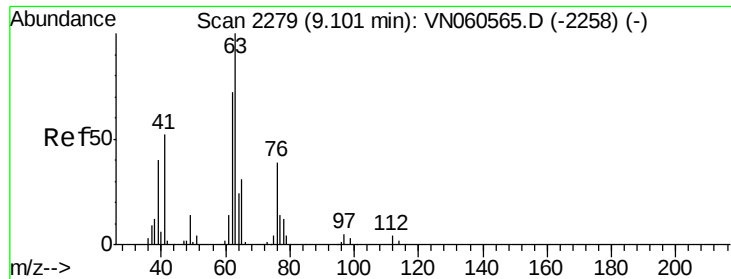
95 101.7 0.0 211.2



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

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

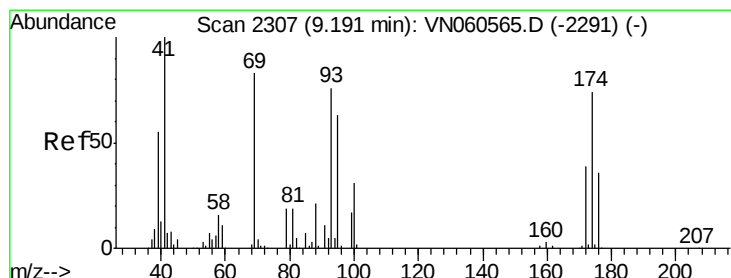
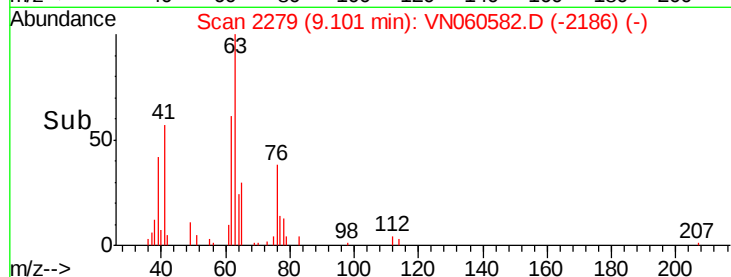
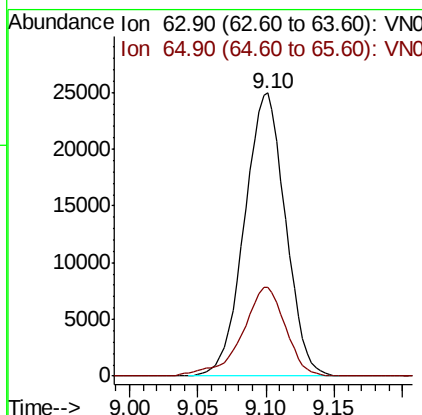
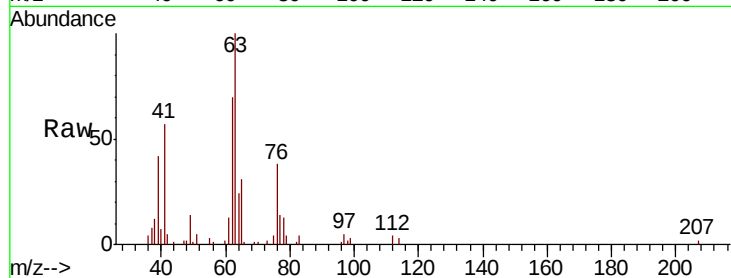




#45
 1,2-Dichloropropane
 Concen: 18.950 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

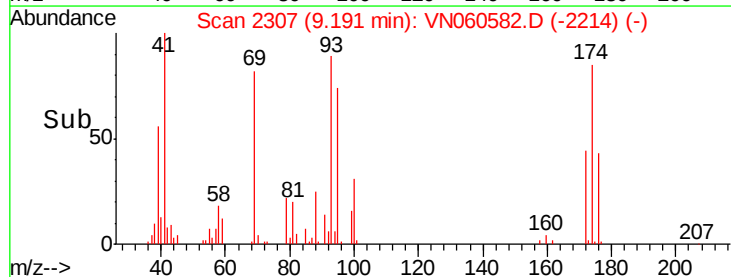
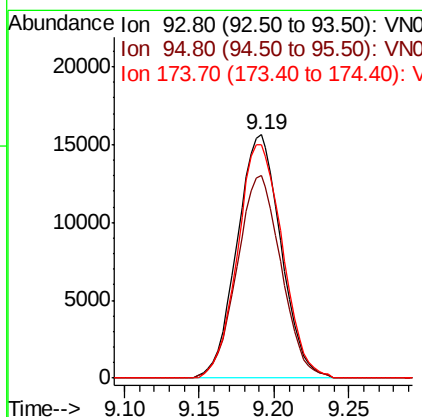
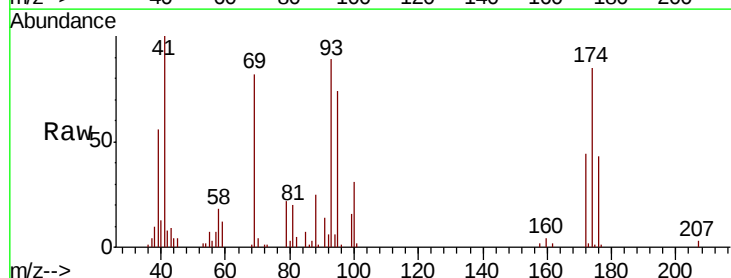
Instrument :
 MSVOA_N
 ClientSampled :
 VN0318WBSD01

Tot Ion: 63 Resp: 52079
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.4 38.0



#46
 Dibromomethane
 Concen: 19.208 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion: 93 Resp: 31915
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.4
 174 98.1 77.9 116.9





#47

Bromodichloromethane

Concen: 18.778 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

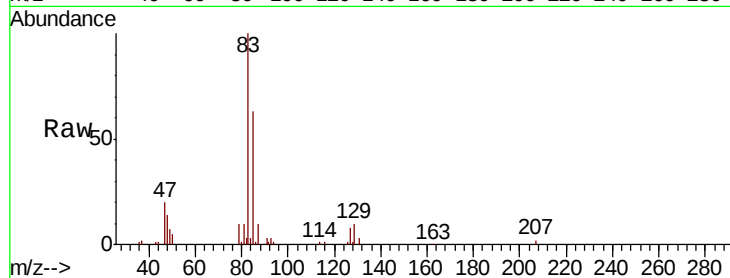
Tot Ion: 83 Resp: 64833

Ion Ratio Lower Upper

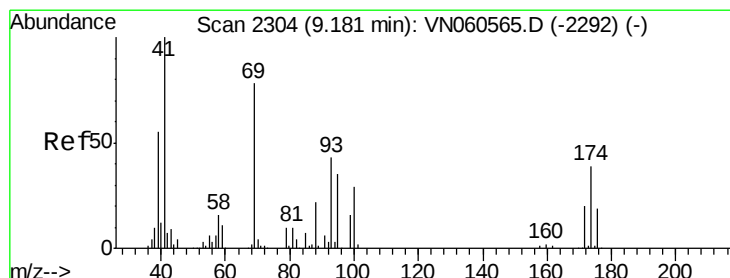
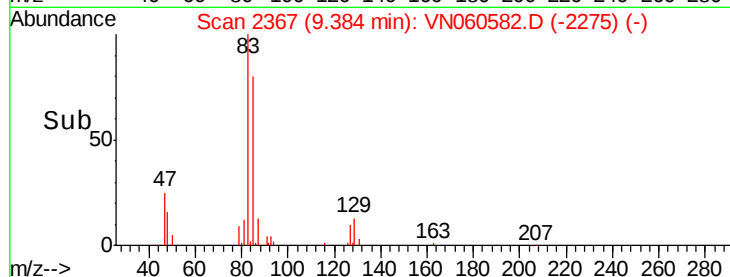
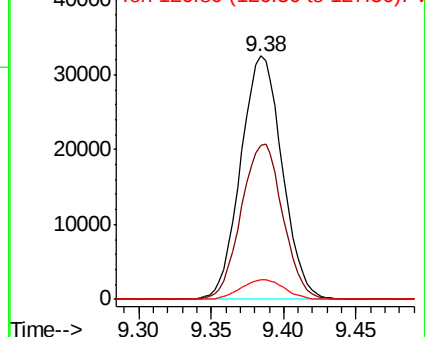
83 100

85 63.3 51.8 77.6

127 8.0 6.5 9.7



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



#48

Methyl methacrylate

Concen: 17.769 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

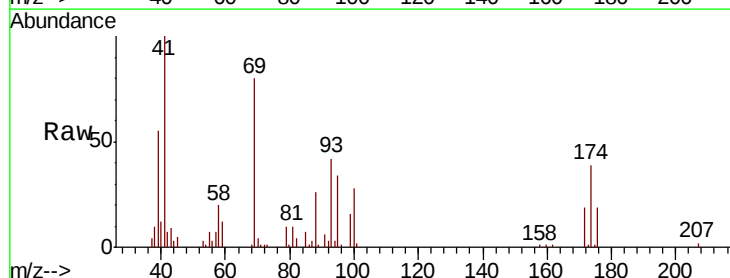
Tgt Ion: 41 Resp: 48642

Ion Ratio Lower Upper

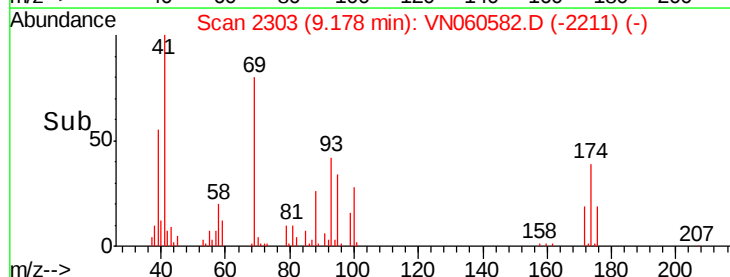
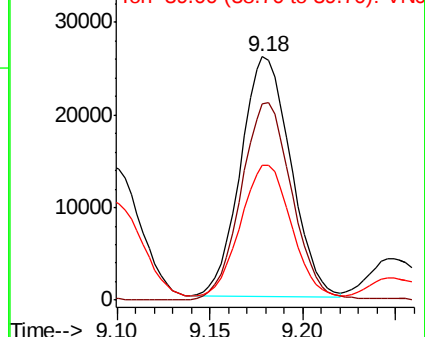
41 100

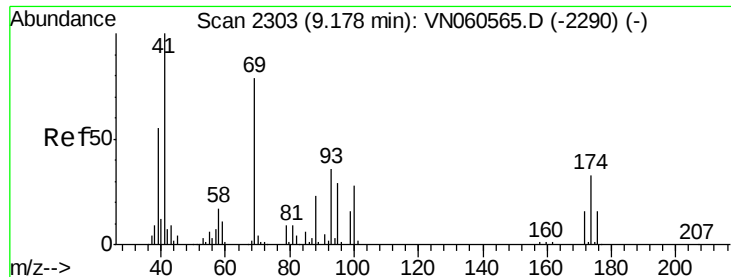
69 83.7 65.4 98.0

39 55.2 44.0 66.0



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

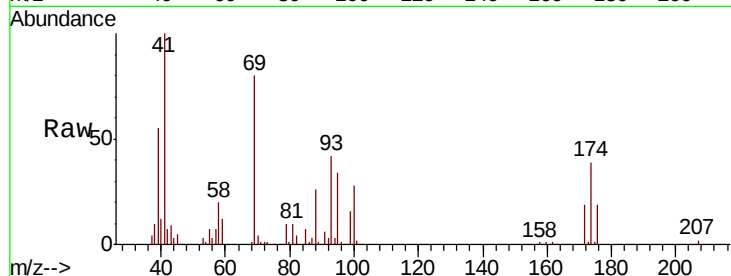




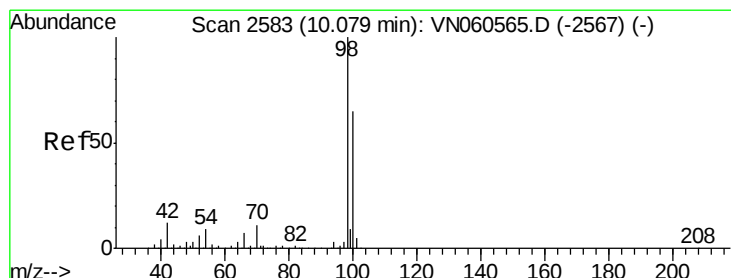
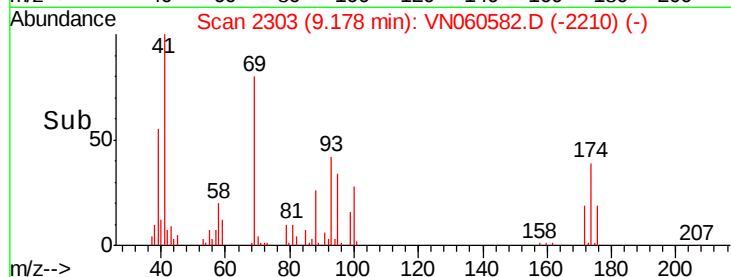
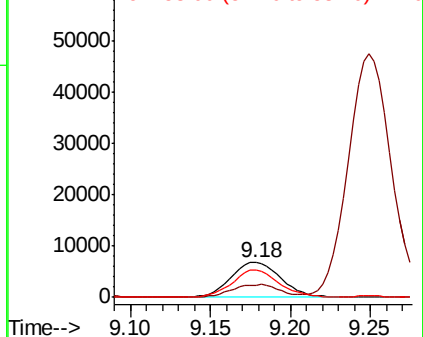
#49
1,4-Dioxane
Concen: 447.490 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tot Ion: 88 Resp: 14560
Ion Ratio Lower Upper
88 100
43 34.5 30.8 46.2
58 72.9 59.8 89.8

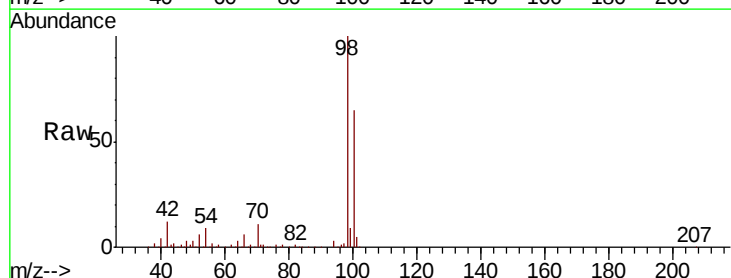


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

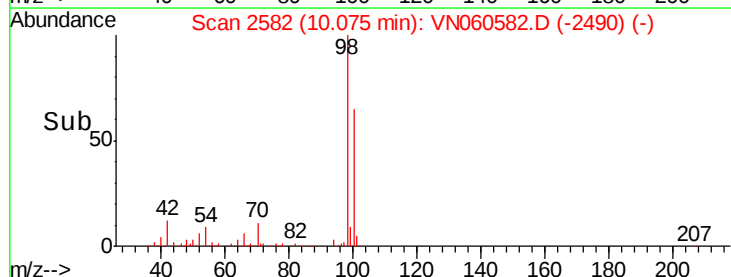
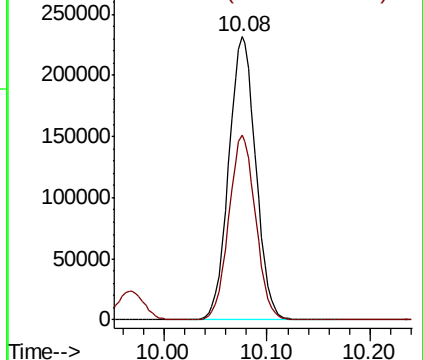


#50
Toluene-d8
Concen: 47.912 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 98 Resp: 421646
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 92.149 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

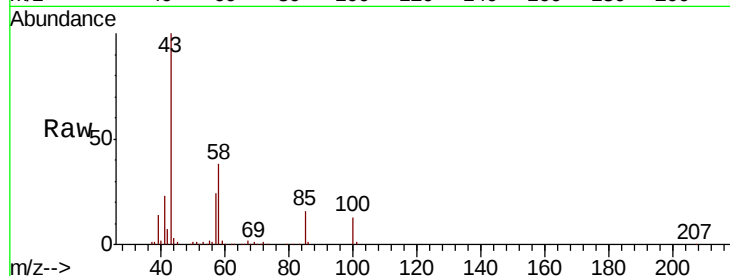
VN0318WBSD01

Tot Ion: 43 Resp: 322396

Ion Ratio Lower Upper

43 100

58 38.0 30.8 46.2



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

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

9.97

200000

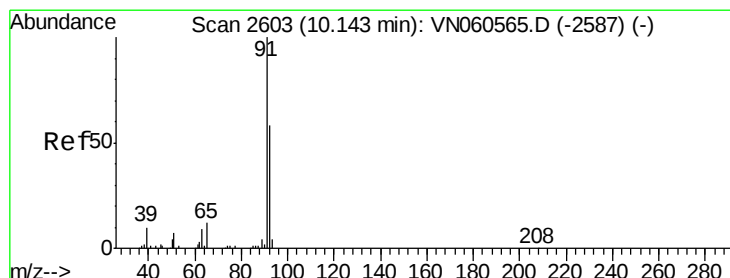
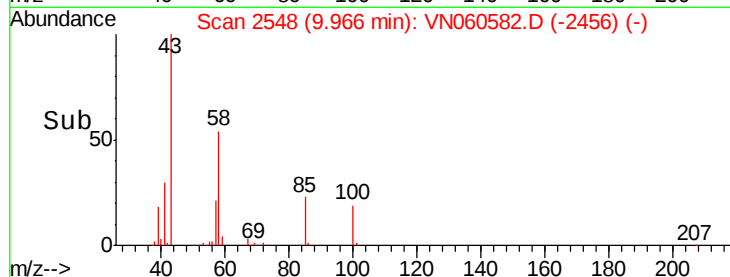
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.838 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060582.D

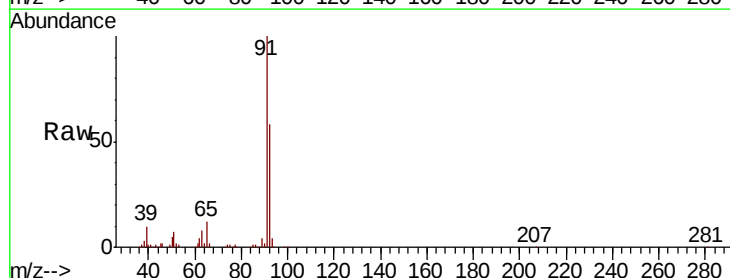
Acq: 18 Mar 2020 11:31

Tgt Ion: 92 Resp: 118496

Ion Ratio Lower Upper

92 100

91 172.4 137.6 206.4



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

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

10.14

120000

100000

80000

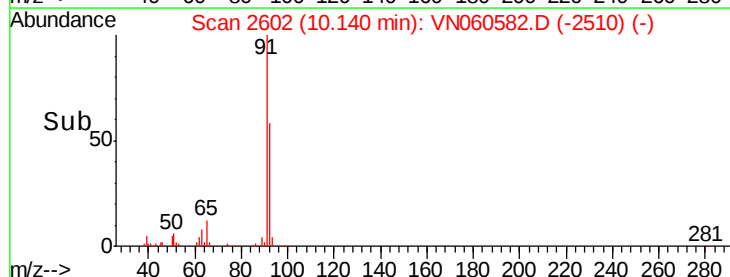
60000

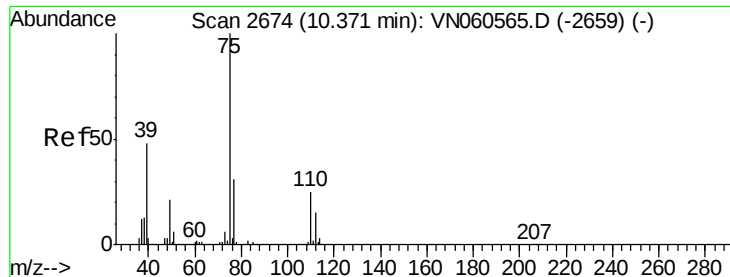
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.198 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

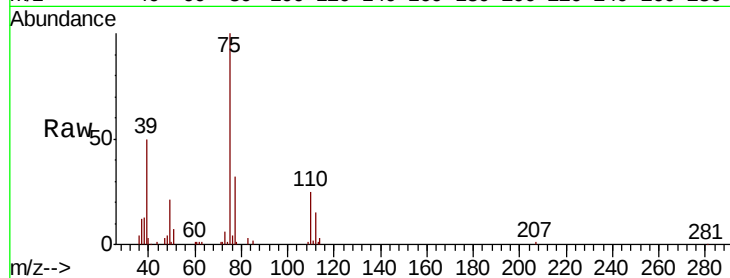
VN0318WBSD01

Tot Ion: 75 Resp: 76139

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

40000

30000

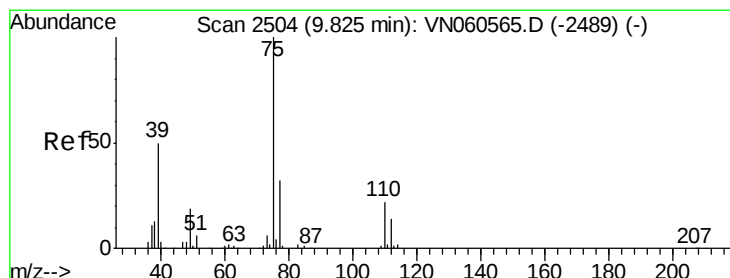
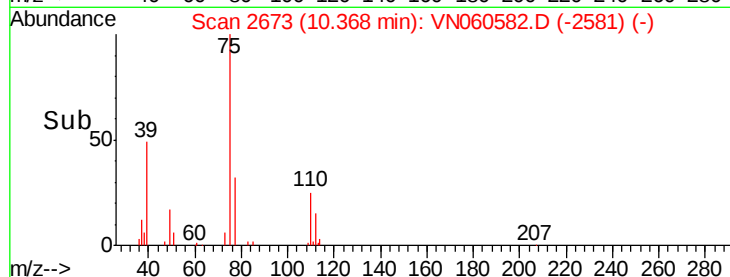
20000

10000

0

Time-->

10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 18.978 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

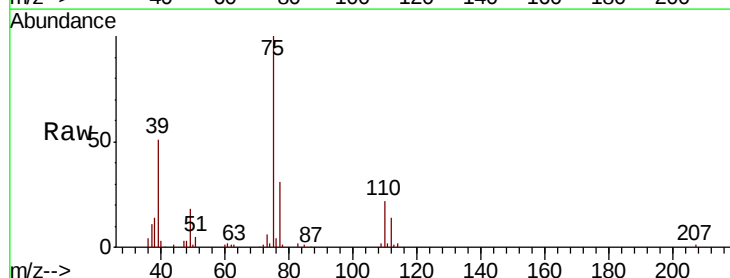
Tgt Ion: 75 Resp: 82571

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

39 50.6 40.2 60.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.82

60000

50000

40000

30000

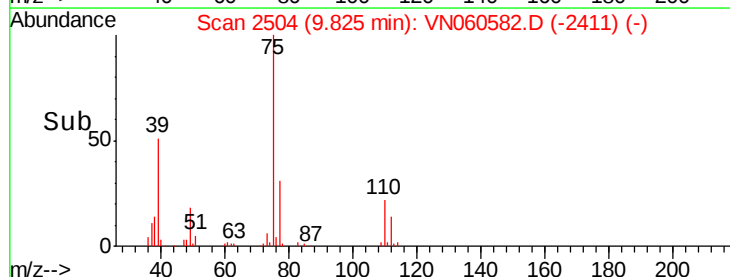
20000

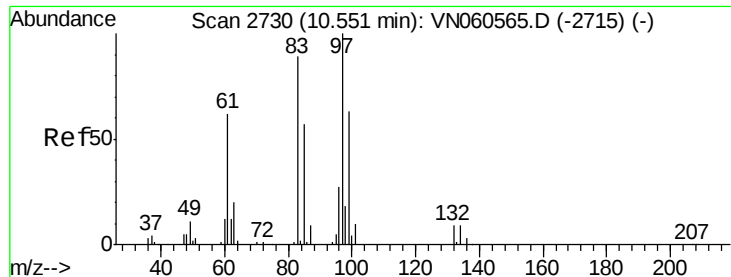
10000

0

Time-->

9.75 9.80 9.85 9.90





#55

1,1,2-Trichloroethane

Concen: 18.808 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

Tot Ion: 97 Resp: 45514

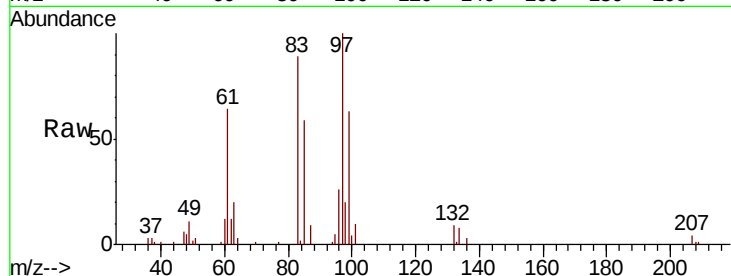
Ion	Ratio	Lower	Upper
97	100		
83	88.6	71.3	106.9
85	58.6	45.2	67.8
99	62.9	50.1	75.1

97 100

83 88.6 71.3 106.9

85 58.6 45.2 67.8

99 62.9 50.1 75.1



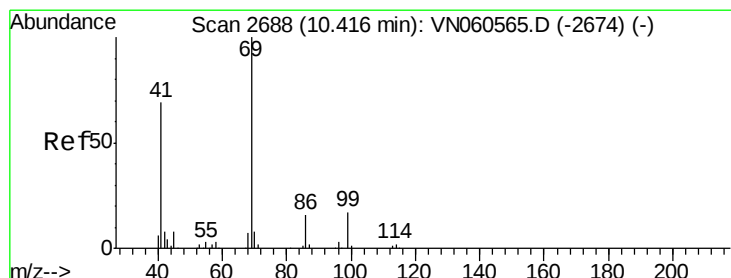
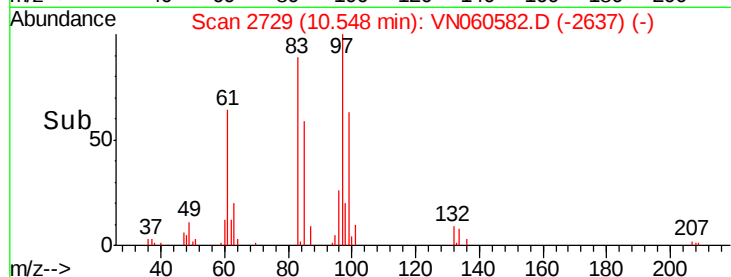
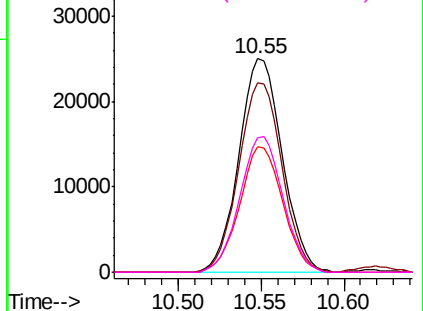
Abundance

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: 18.465 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

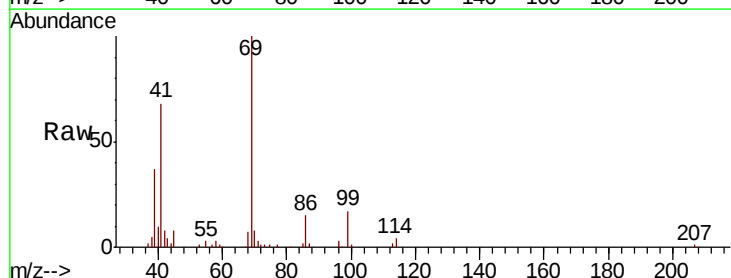
Tgt Ion: 69 Resp: 69673

Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.4	83.2
39	37.2	29.4	44.0

69 100

41 69.7 55.4 83.2

39 37.2 29.4 44.0

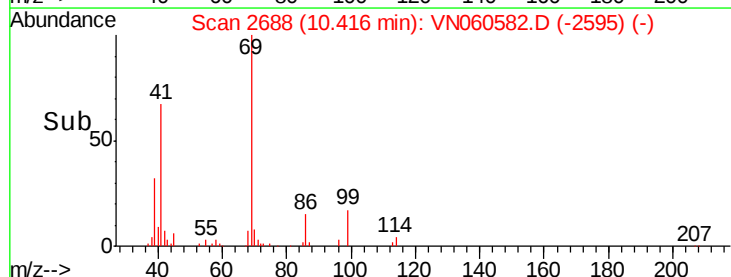
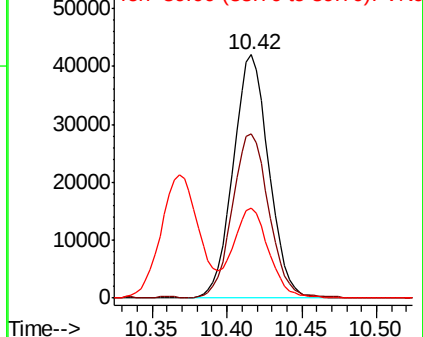


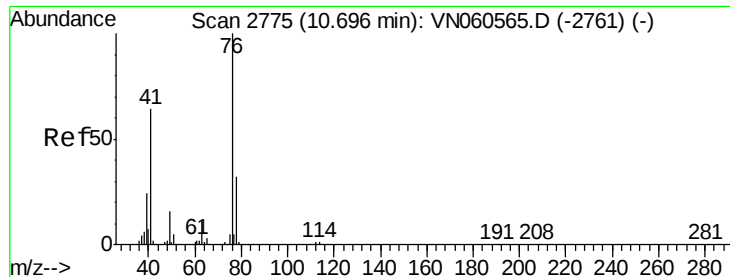
Abundance

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: 19.208 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

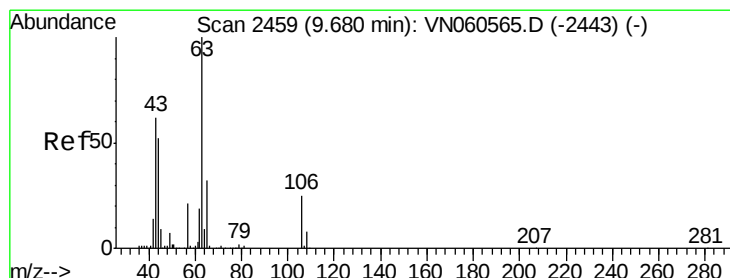
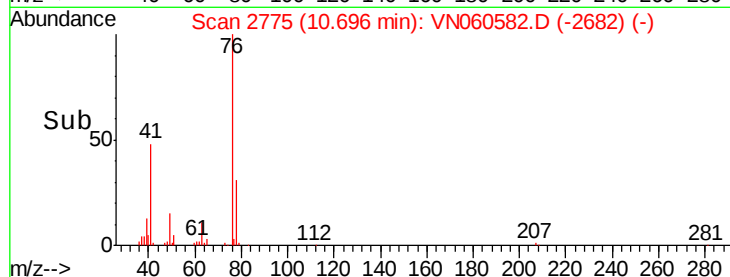
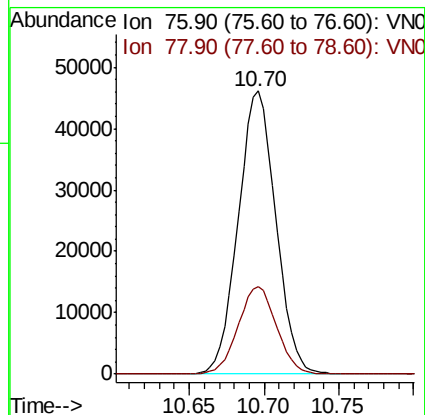
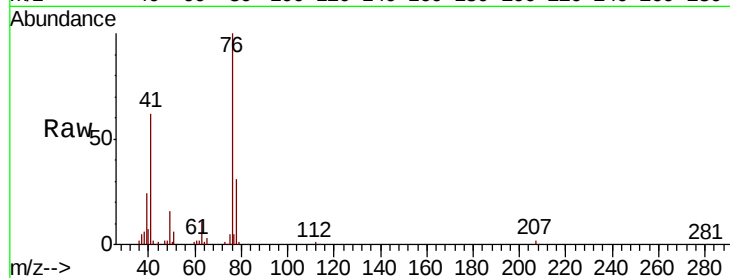
VN0318WBSD01

Tot Ion: 76 Resp: 80662

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.680 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060582.D

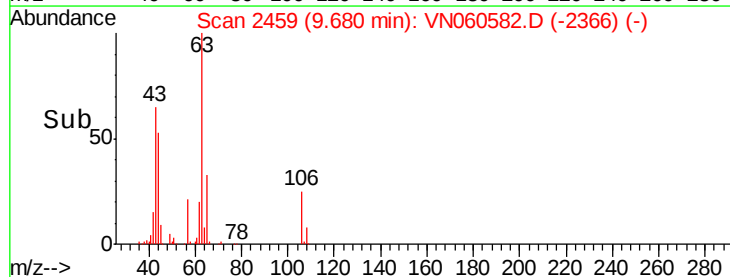
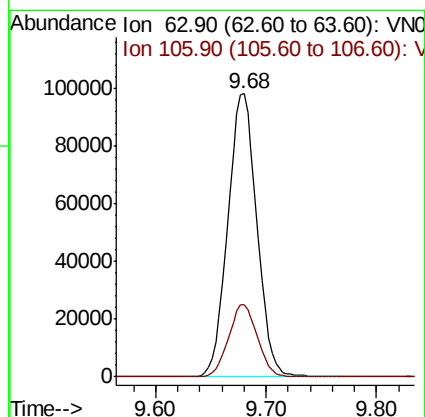
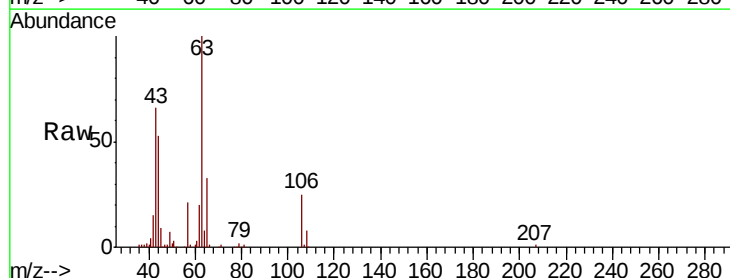
Acq: 18 Mar 2020 11:31

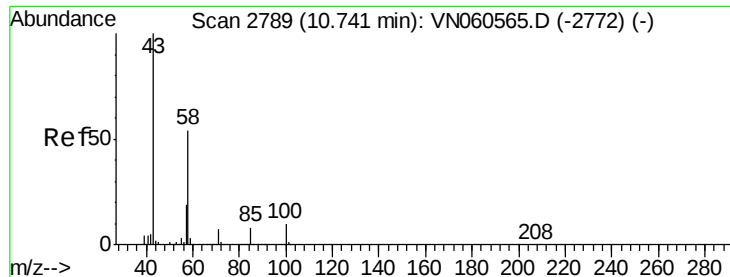
Tgt Ion: 63 Resp: 179432

Ion Ratio Lower Upper

63 100

106 25.2 20.0 30.0

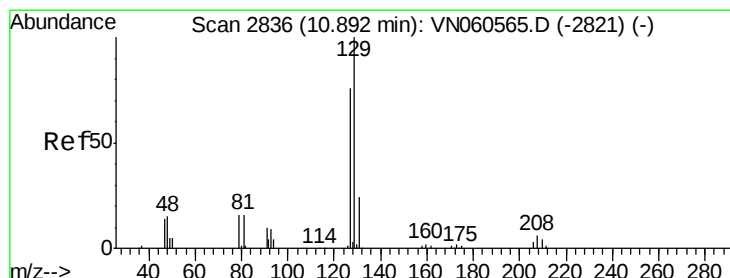
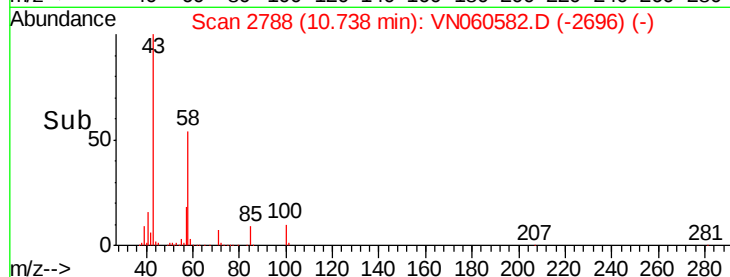
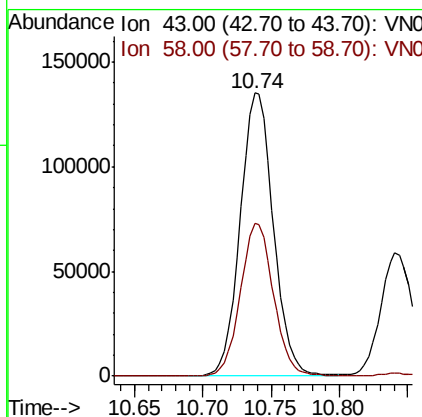
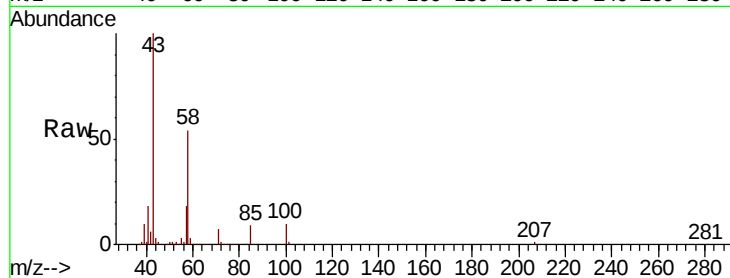




#59
2-Hexanone
Concen: 90.636 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

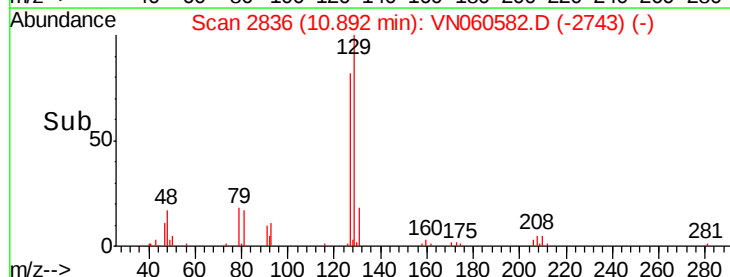
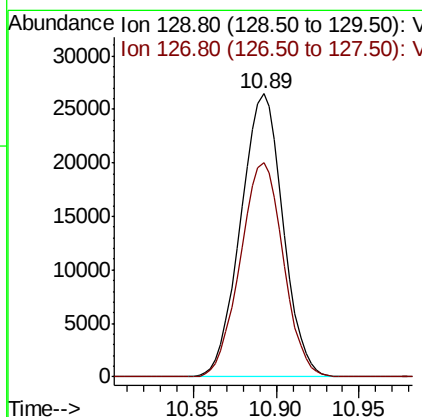
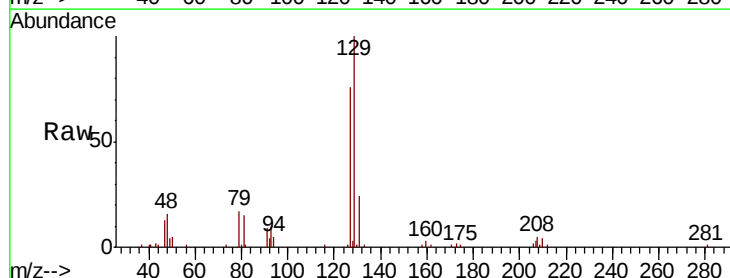
Instrument :
MSVOA_N
ClientSampled :
VN0318WBSD01

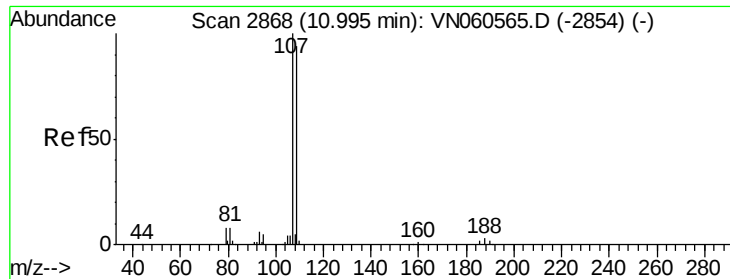
Tot Ion: 43 Resp: 228426
Ion Ratio Lower Upper
43 100
58 53.9 26.7 80.1



#60
Dibromochloromethane
Concen: 18.831 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 129 Resp: 47071
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

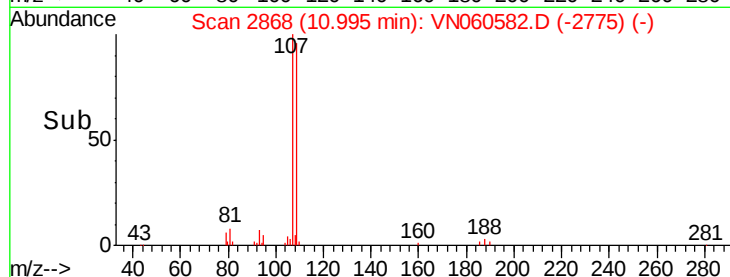
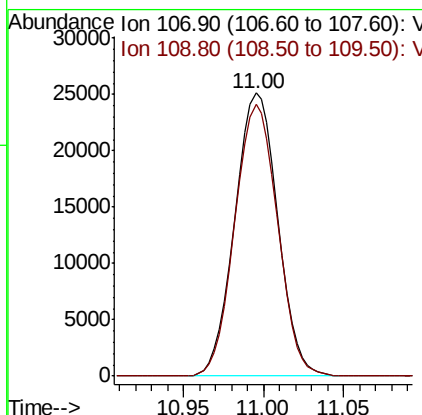
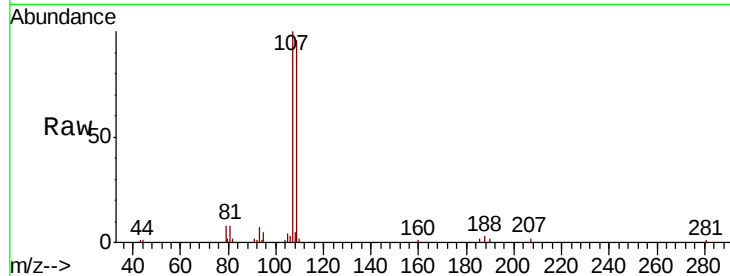




#61
 1,2-Dibromoethane
 Concen: 18.891 ug/l
 RT: 11.00 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

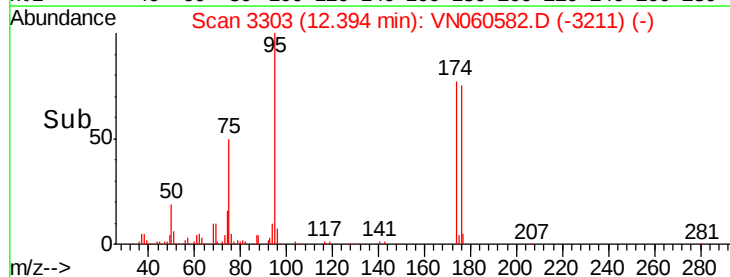
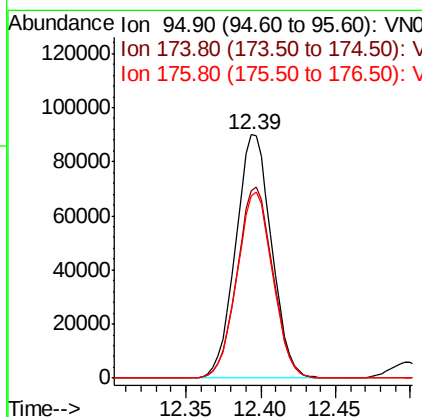
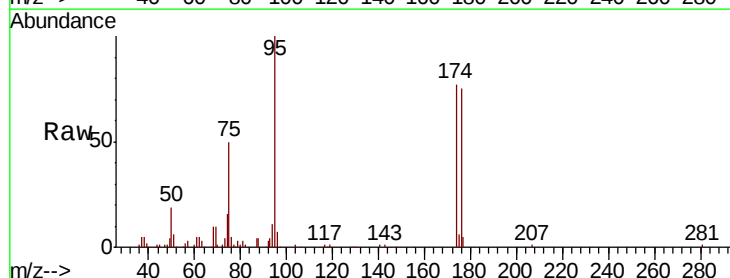
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

Tot Ion:107 Resp: 45969
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 46.617 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion: 95 Resp: 150349
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 157.6
 176 76.2 0.0 150.6

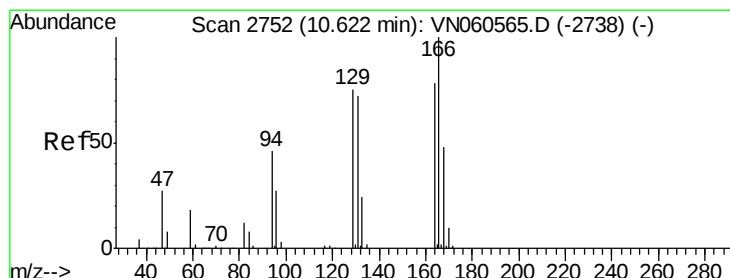
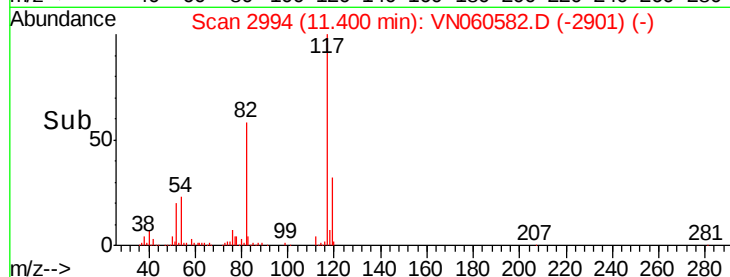
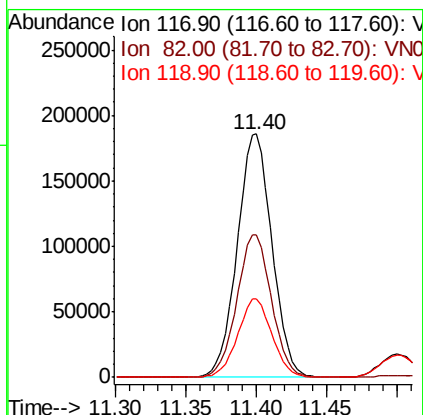
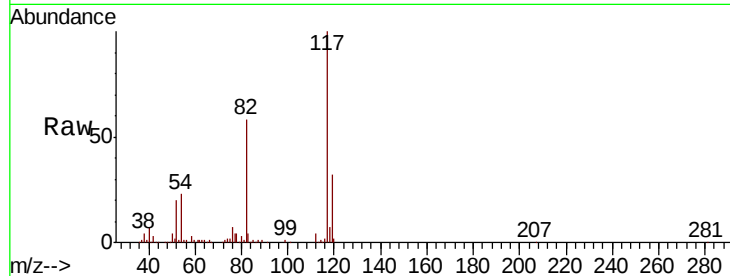




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

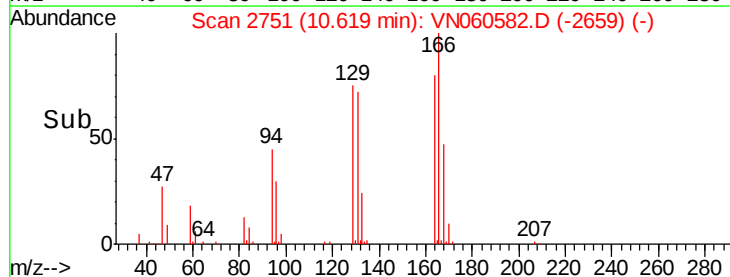
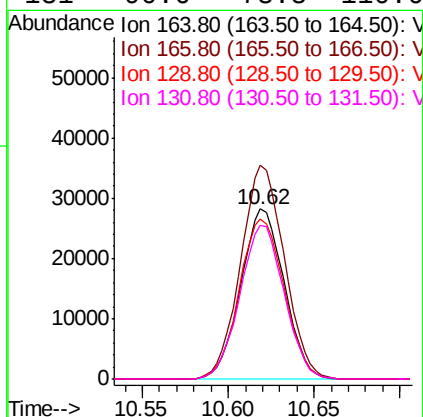
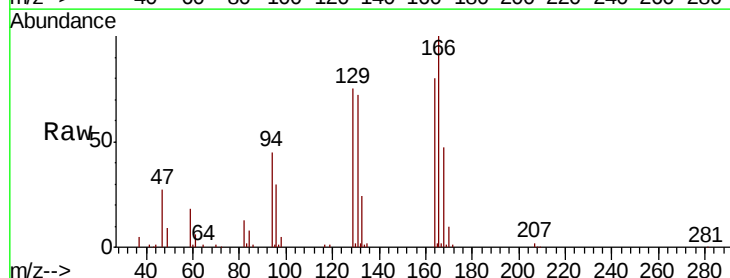
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tot Ion:117 Resp: 321188
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 19.555 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion:164 Resp: 49424
Ion Ratio Lower Upper
164 100
166 125.6 102.7 154.1
129 93.9 77.2 115.8
131 90.6 73.8 110.6

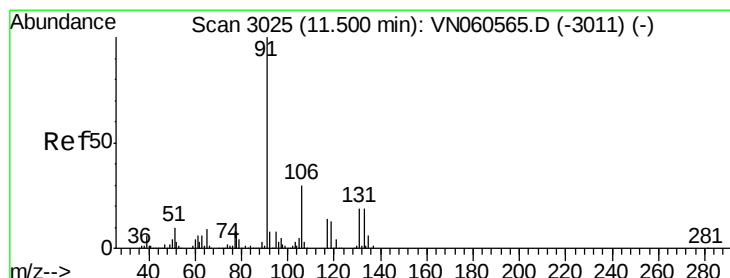
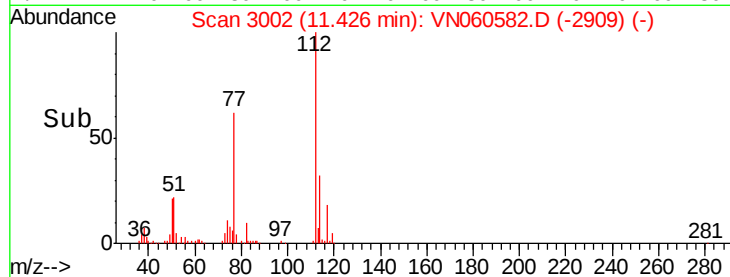
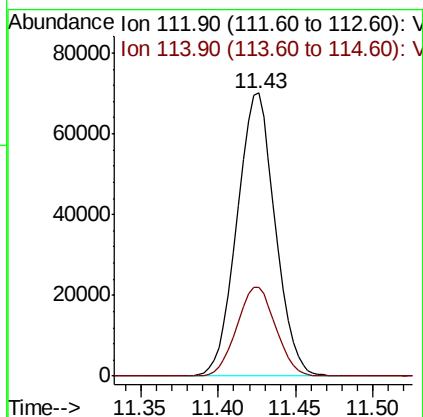
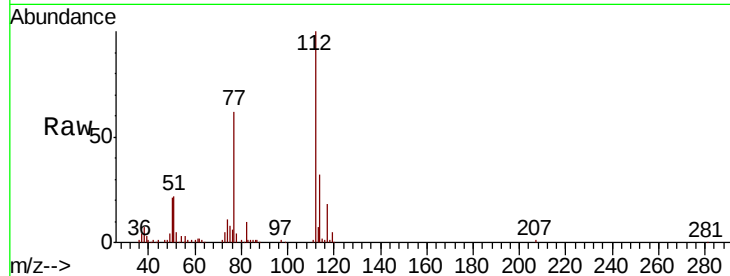




#65
Chlorobenzene
Concen: 18.846 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

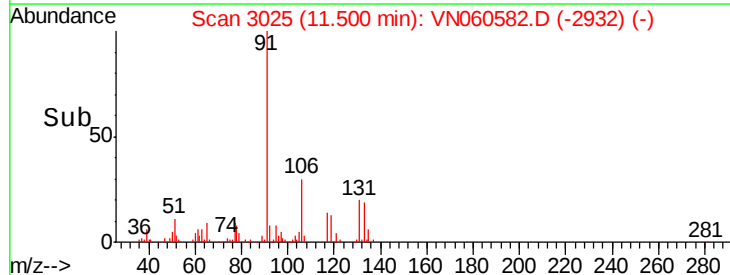
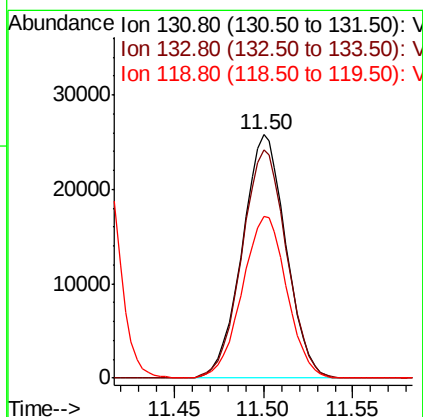
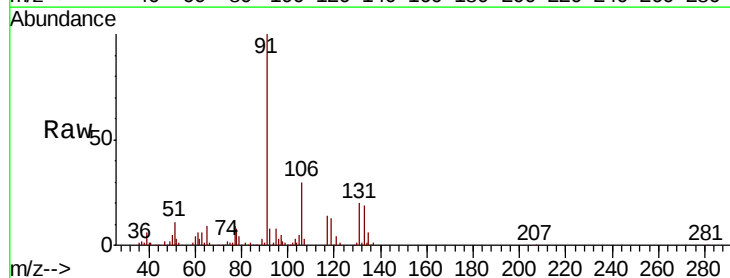
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tot Ion:112 Resp: 119998
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.190 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion:131 Resp: 44240
Ion Ratio Lower Upper
131 100
133 95.8 48.9 146.8
119 67.7 33.9 101.7





#67

Ethyl Benzene

Concen: 18.890 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

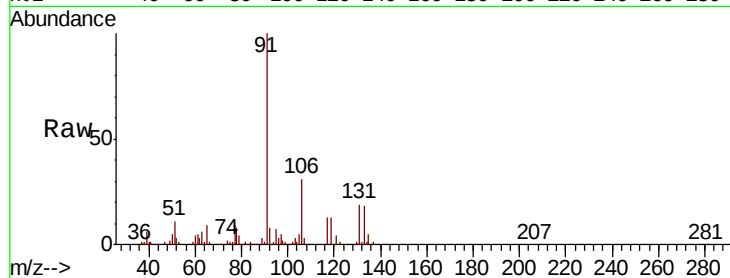
VN0318WBSD01

Tot Ion: 91 Resp: 223670

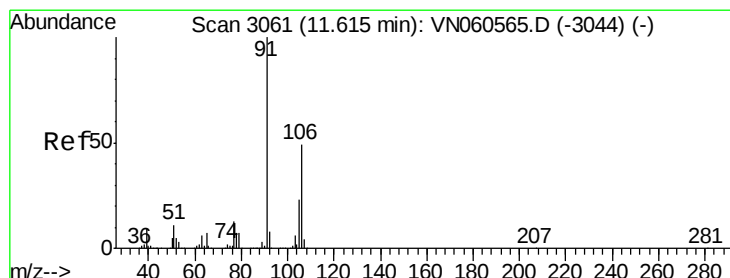
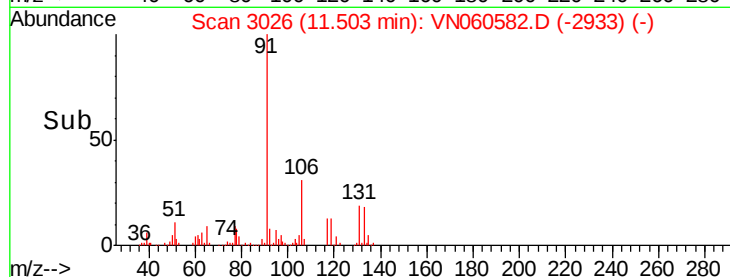
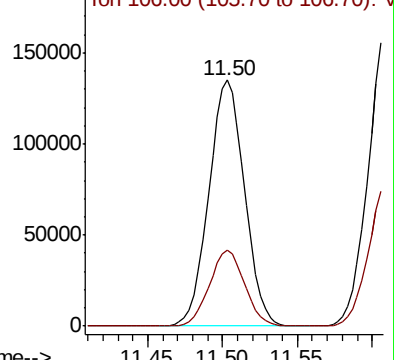
Ion Ratio Lower Upper

91 100

106 30.8 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3011) (-)



#68

m/p-Xylenes

Concen: 37.828 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060582.D

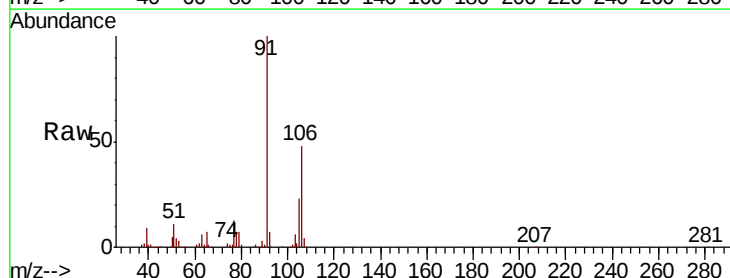
Acq: 18 Mar 2020 11:31

Tgt Ion: 106 Resp: 166449

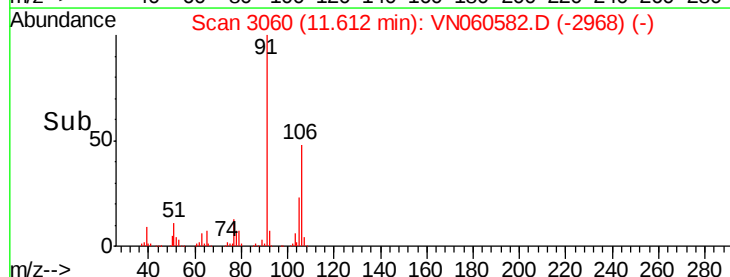
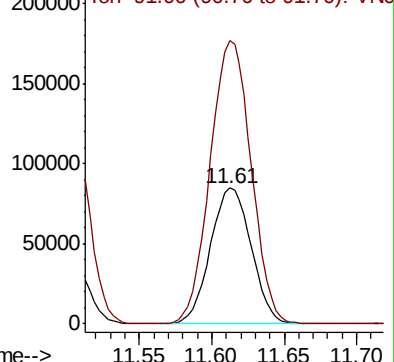
Ion Ratio Lower Upper

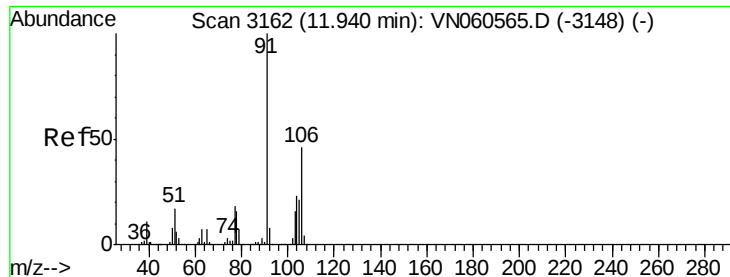
106 100

91 208.9 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060565.D (-3044) (-)

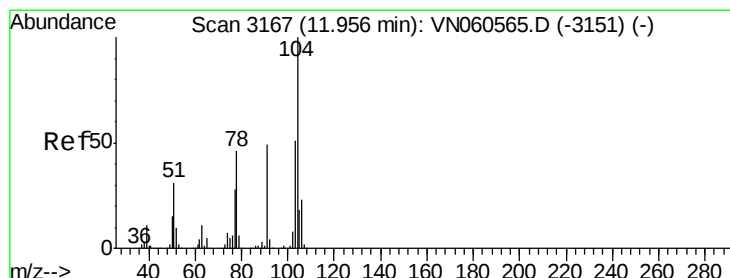
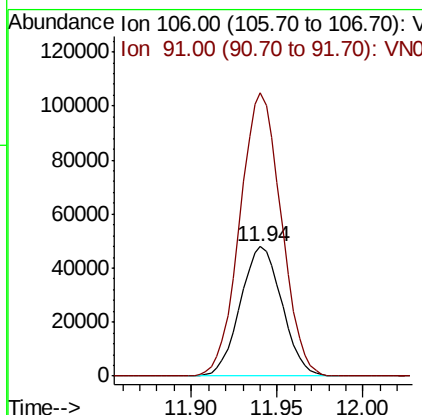
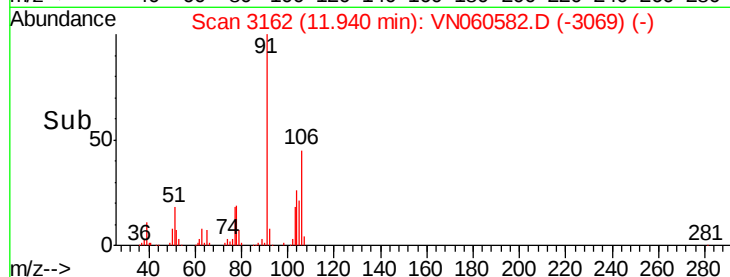
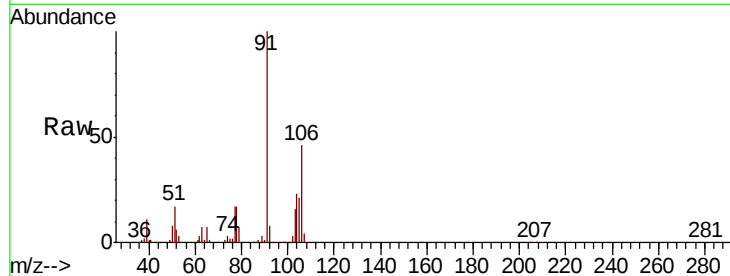




#69
o-Xylene
Concen: 19.217 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

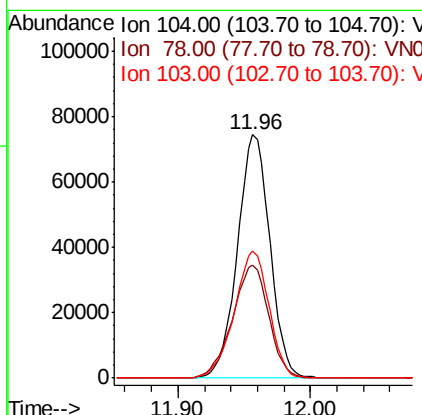
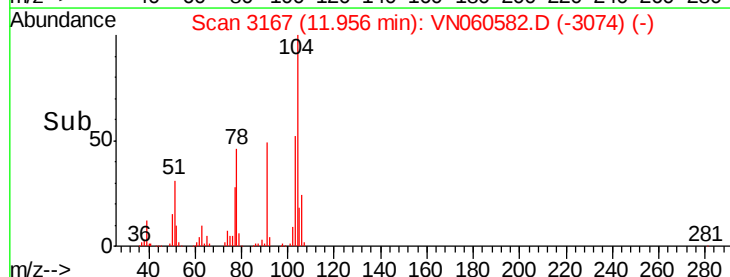
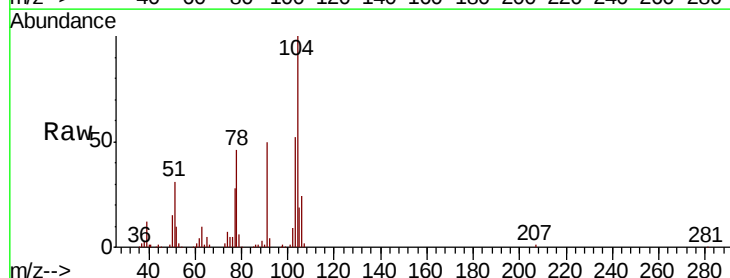
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

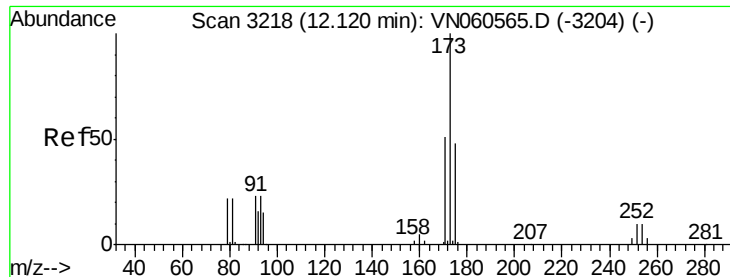
Tot Ion:106 Resp: 80719
Ion Ratio Lower Upper
106 100
91 217.6 109.5 328.4



#70
Styrene
Concen: 18.452 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion:104 Resp: 126764
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.8 44.0 66.0

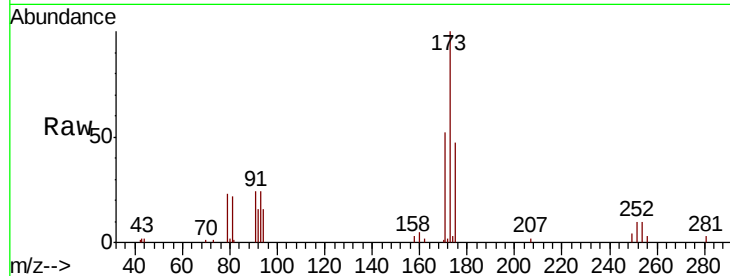




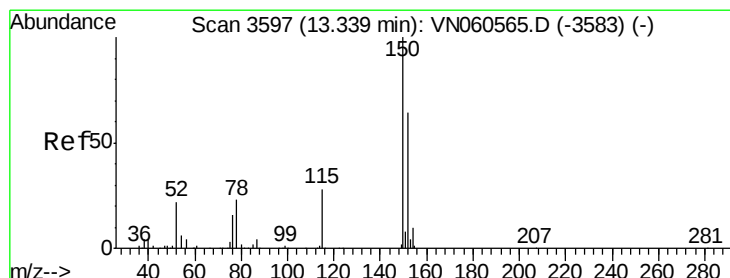
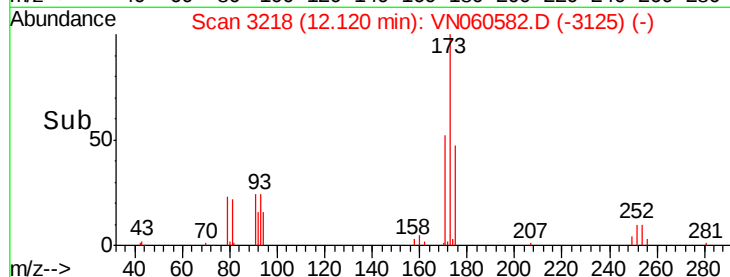
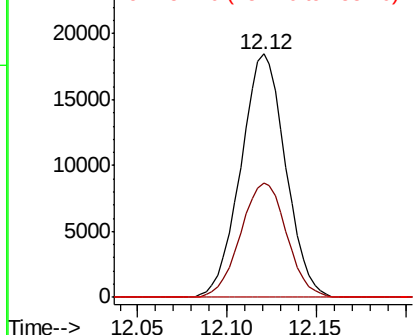
#71
Bromoform
Concen: 17.952 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tot Ion:173 Resp: 32261
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.0 0.0

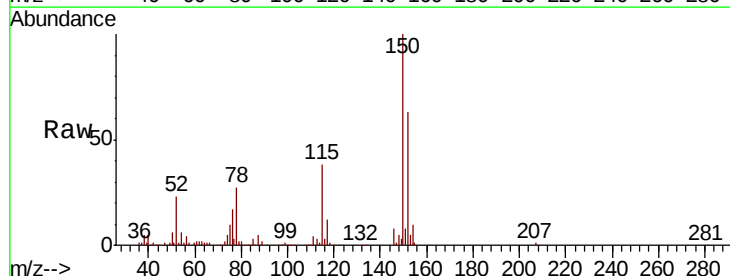


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

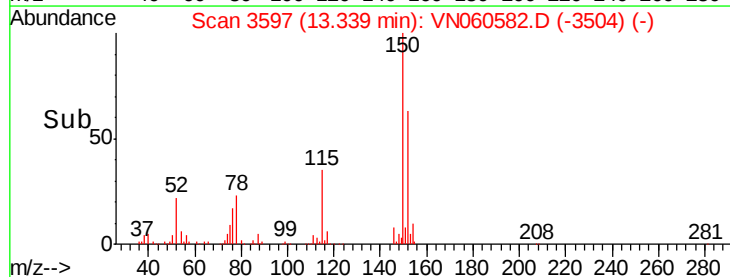
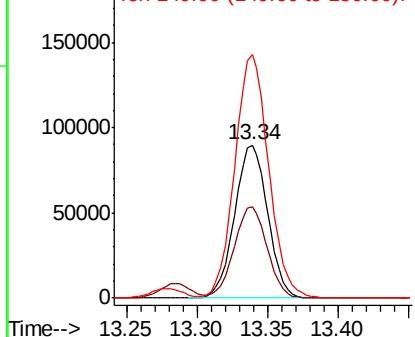


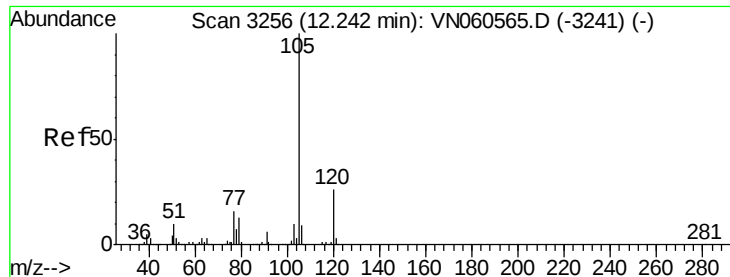
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion:152 Resp: 147541
Ion Ratio Lower Upper
152 100
115 59.4 30.2 90.6
150 162.4 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.270 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampled :

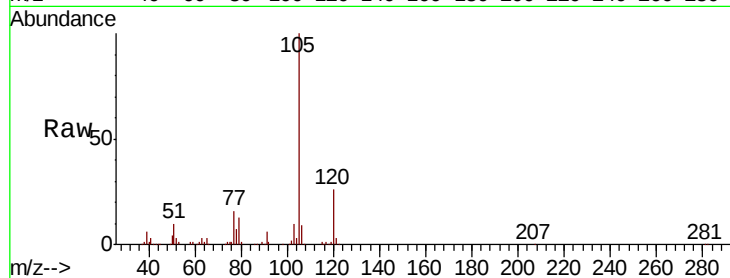
VN0318WBSD01

Tot Ion:105 Resp: 213363

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

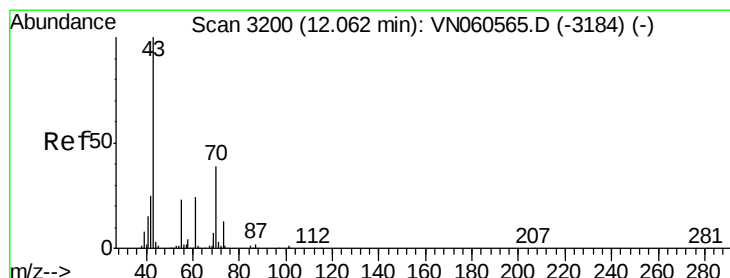
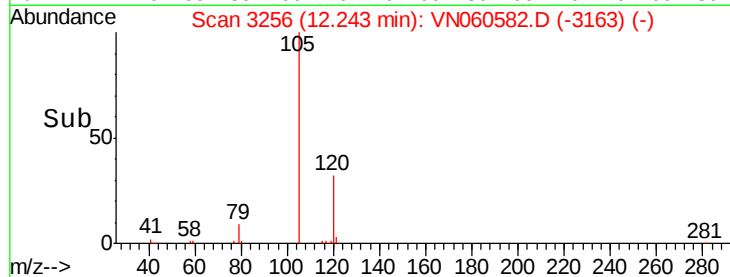
120000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 18.771 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Tgt Ion: 43 Resp: 96039

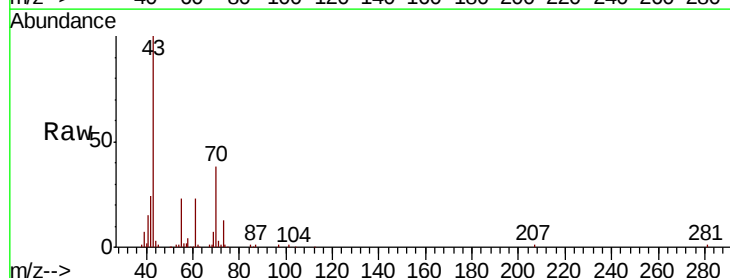
Ion Ratio Lower Upper

43 100

70 38.4 31.1 46.7

55 23.3 18.6 27.8

61 22.8 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

100000

80000

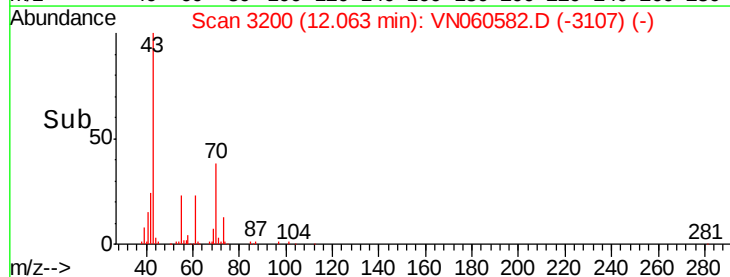
60000

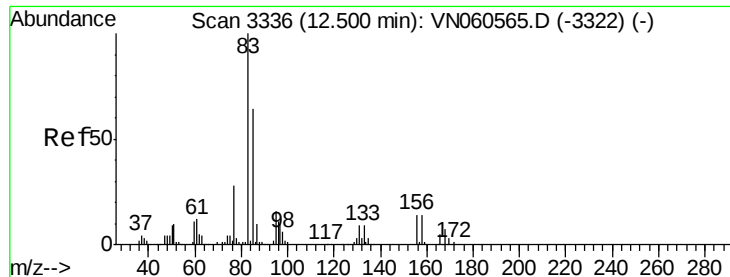
40000

20000

0

Time--> 12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 18.523 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

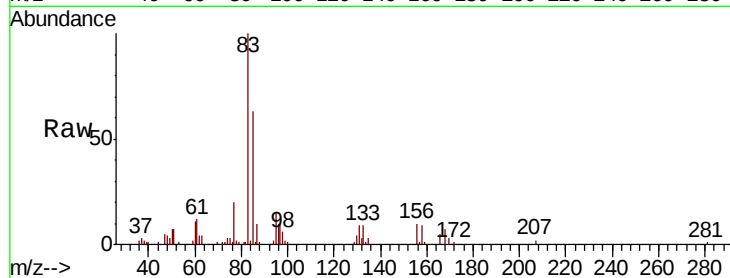
Tot Ion: 83 Resp: 62022

Ion Ratio Lower Upper

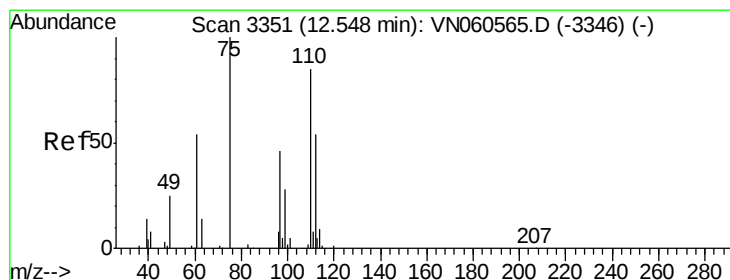
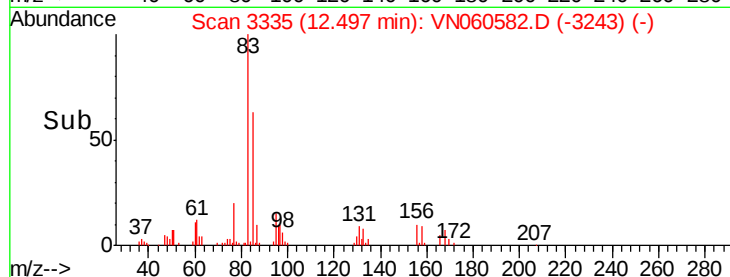
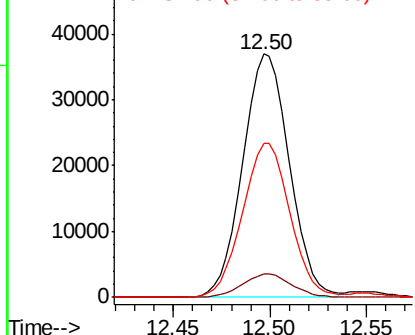
83 100

131 9.9 4.9 14.7

85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 26.934 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060582.D

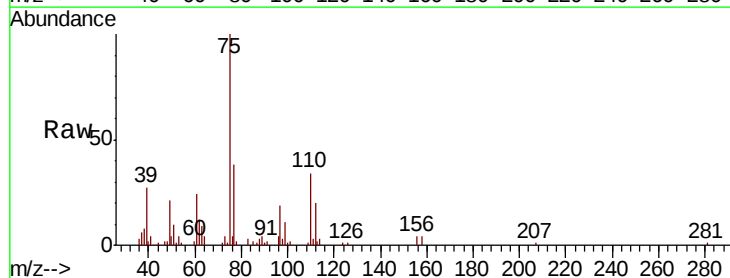
Acq: 18 Mar 2020 11:31

Tgt Ion: 75 Resp: 85749

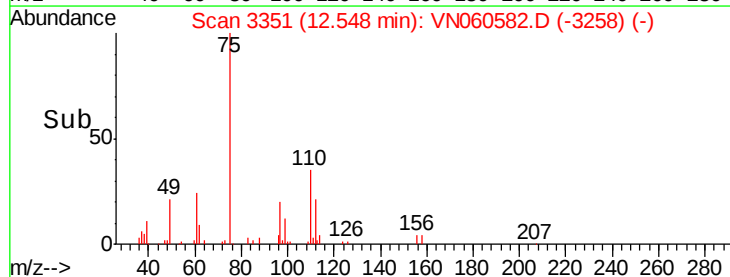
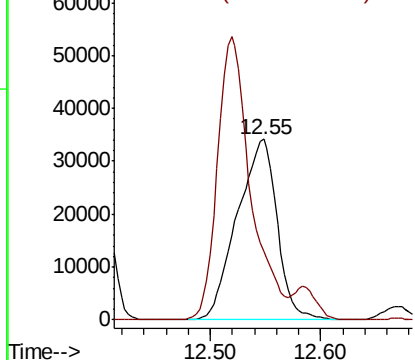
Ion Ratio Lower Upper

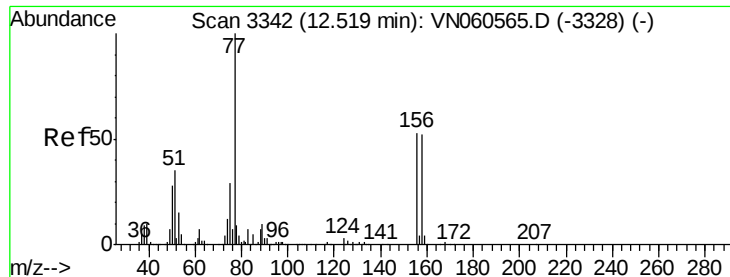
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.780 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

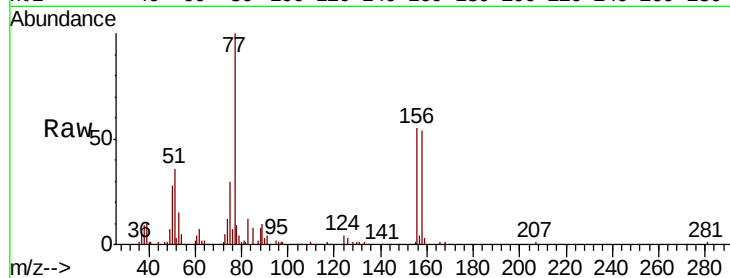
Tot Ion:156 Resp: 50106

Ion Ratio Lower Upper

156 100

77 223.5 112.3 337.0

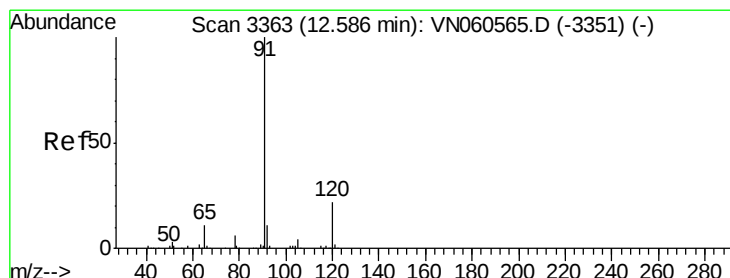
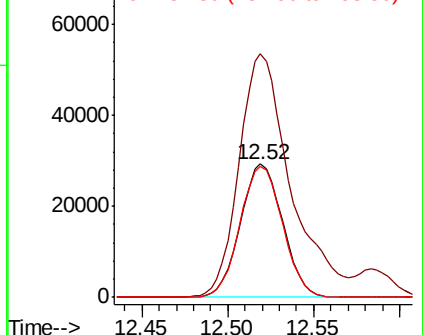
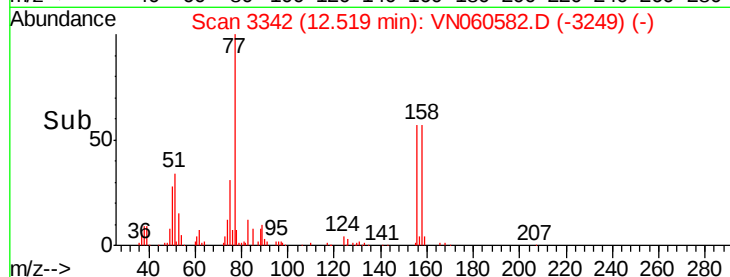
158 99.0 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.019 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN060582.D

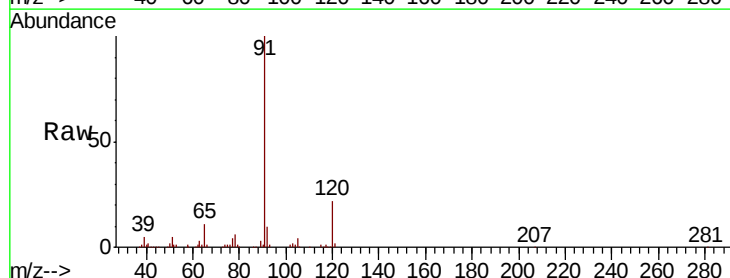
Acq: 18 Mar 2020 11:31

Tgt Ion: 91 Resp: 248791

Ion Ratio Lower Upper

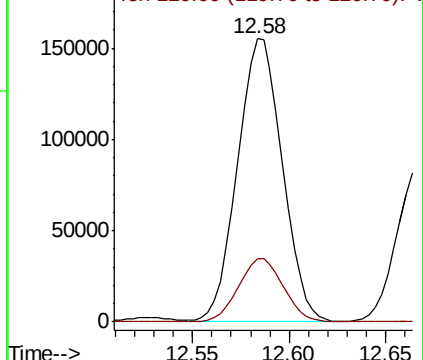
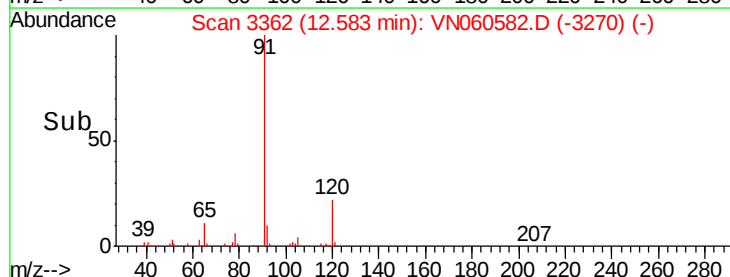
91 100

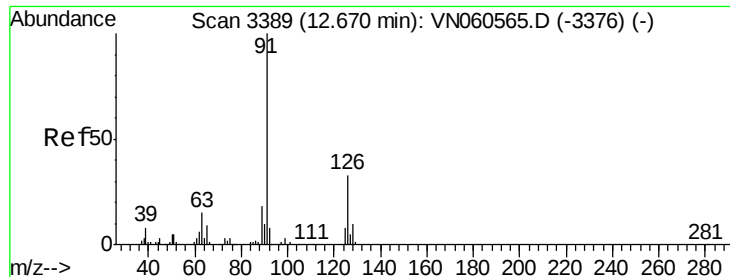
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

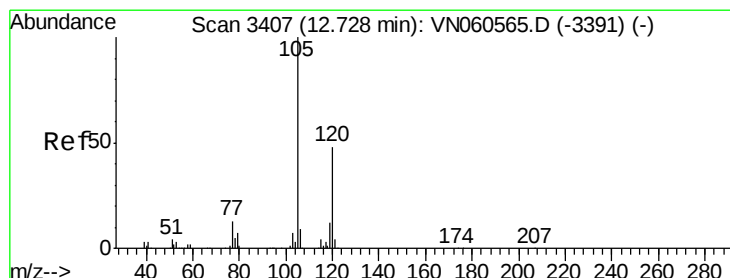
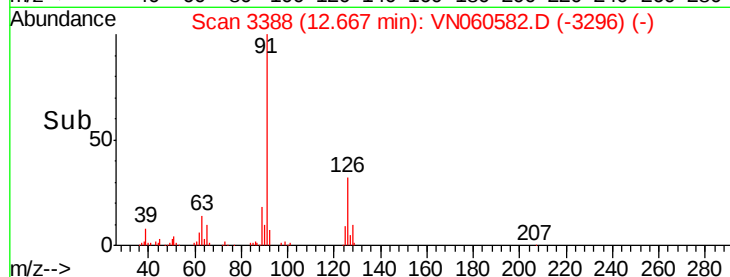
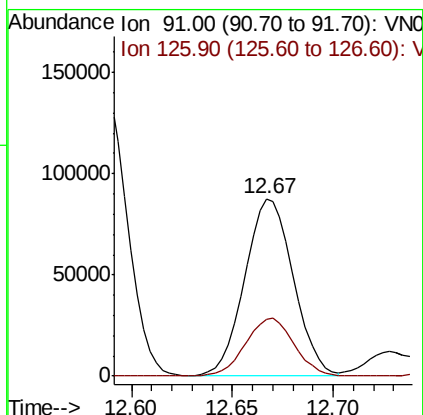
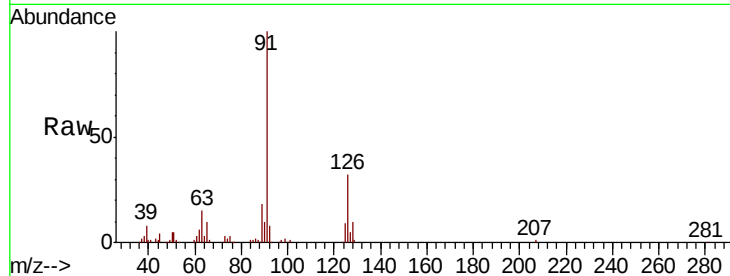




#79
 2-Chlorotoluene
 Concen: 18.802 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

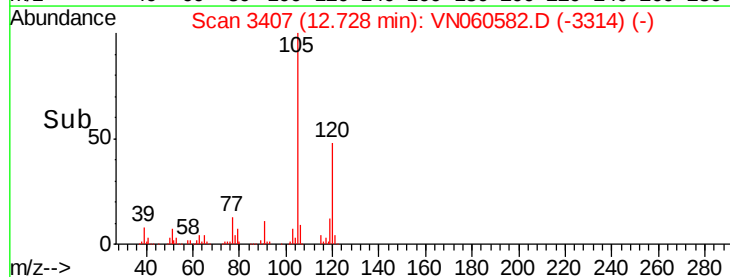
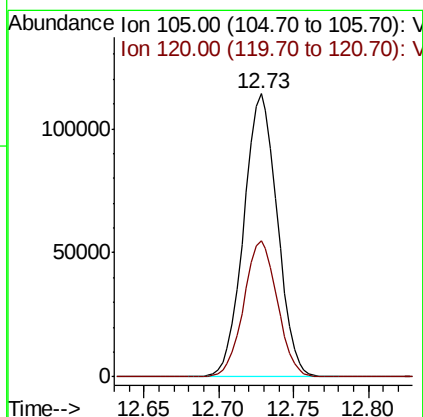
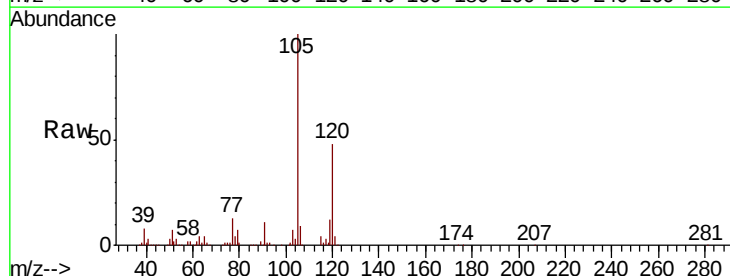
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

Tot Ion: 91 Resp: 146960
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.948 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion: 105 Resp: 178037
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.9 71.7

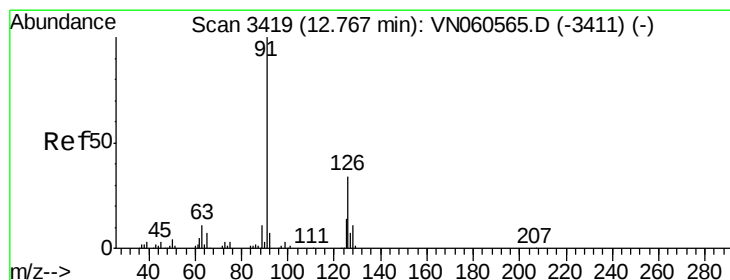
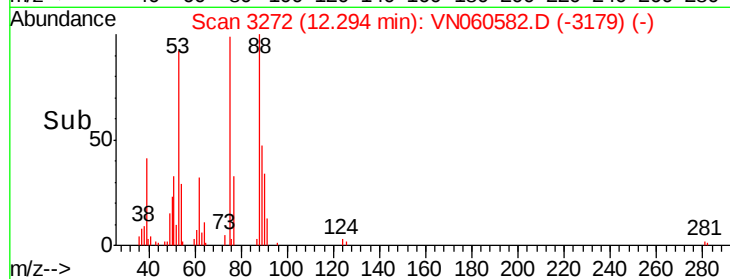
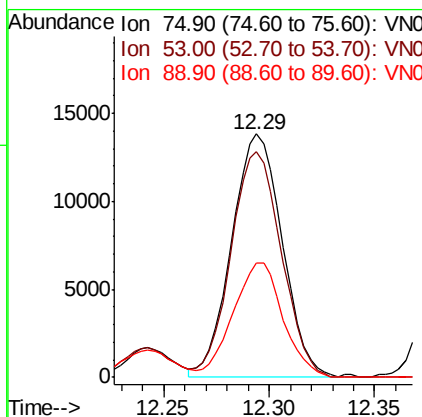
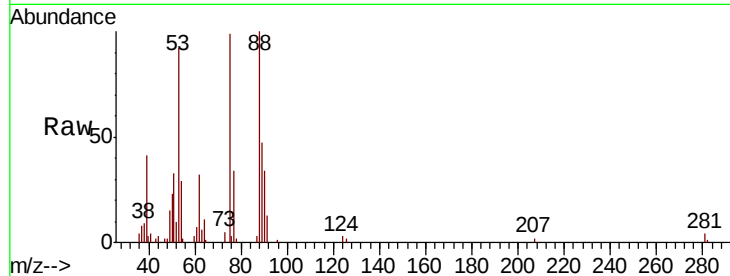




#81
trans-1,4-Dichloro-2-butene
Concen: 18.592 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

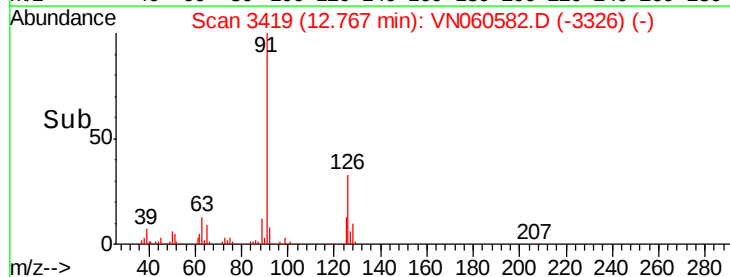
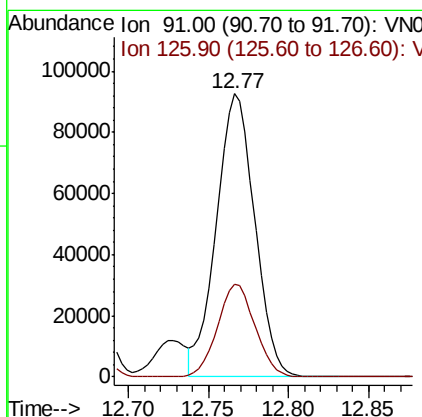
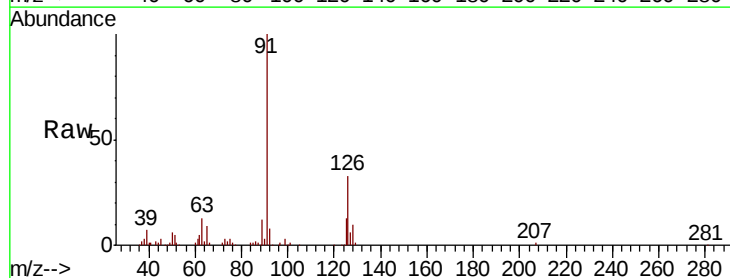
Instrument :
MSVOA_N
ClientSampled :
VN0318WBSD01

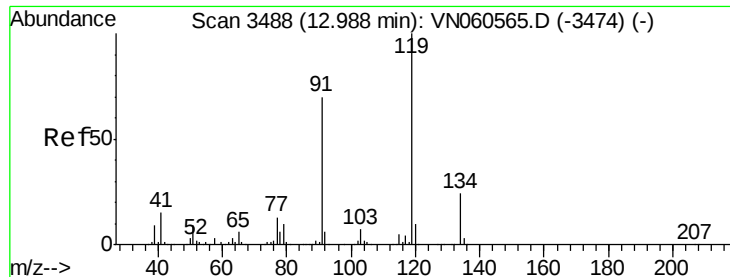
Tot Ion	75	Resp	23047
Ion	Ratio	Lower	Upper
75	100		
53	92.2	73.0	109.4
89	46.4	34.8	52.2



#82
4-Chlorotoluene
Concen: 19.182 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion	91	Resp	152701
Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.2	48.5

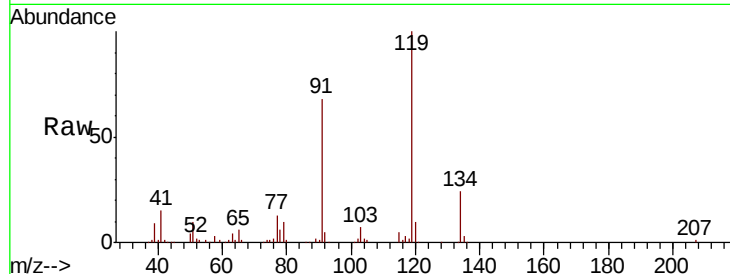




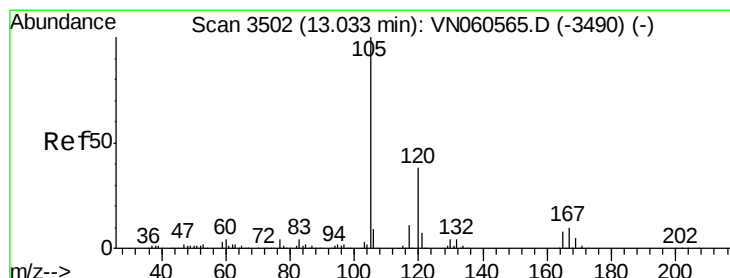
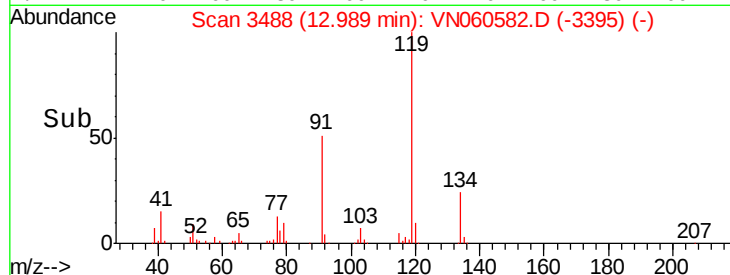
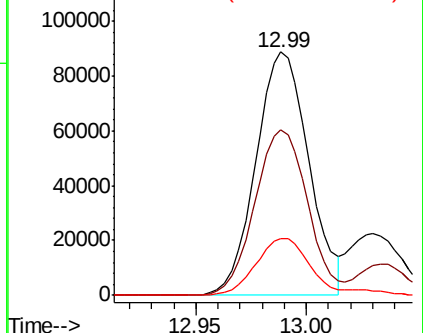
#83
tert-Butylbenzene
Concen: 18.991 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tot Ion:119 Resp: 147928
Ion Ratio Lower Upper
119 100
91 68.1 34.0 101.8
134 25.1 12.7 38.0

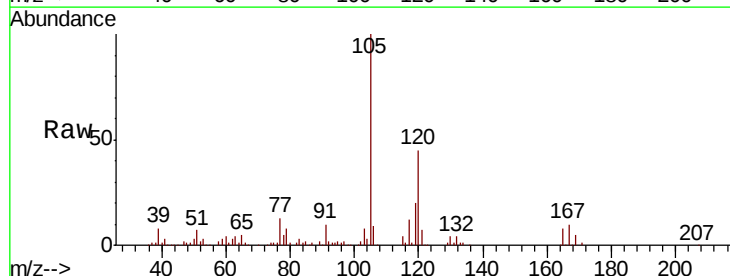


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

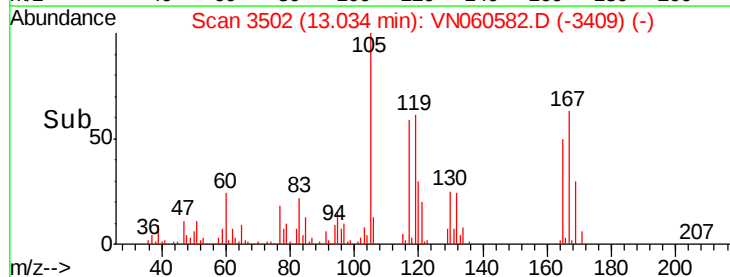
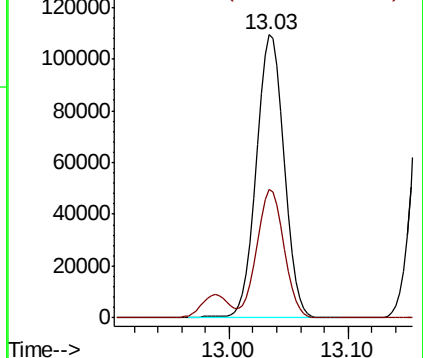


#84
1,2,4-Trimethylbenzene
Concen: 19.034 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion:105 Resp: 176934
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

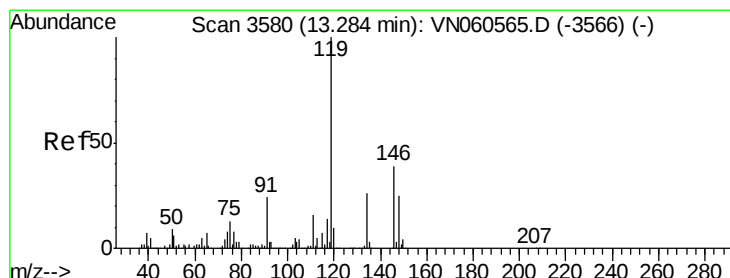
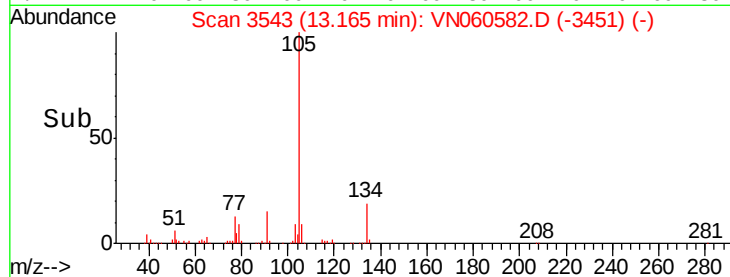
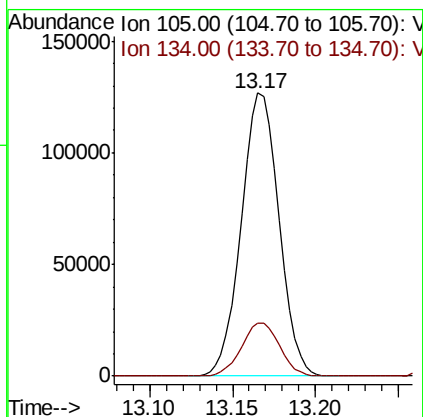
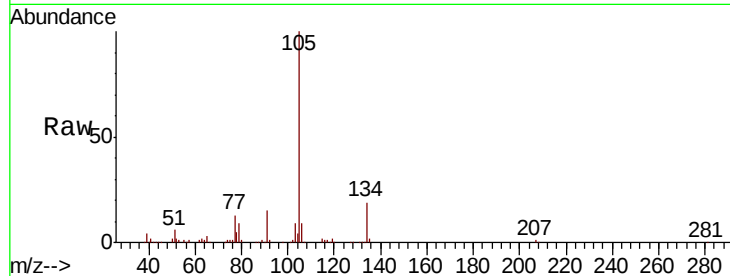




#85
 sec-Butylbenzene
 Concen: 19.180 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

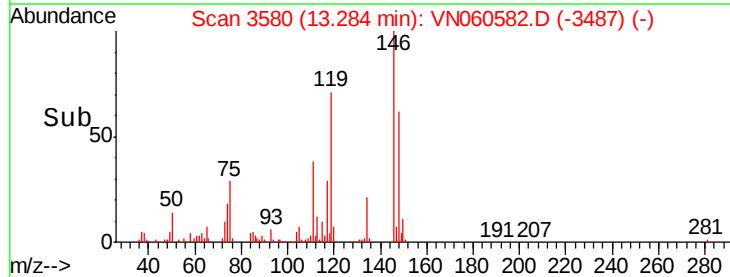
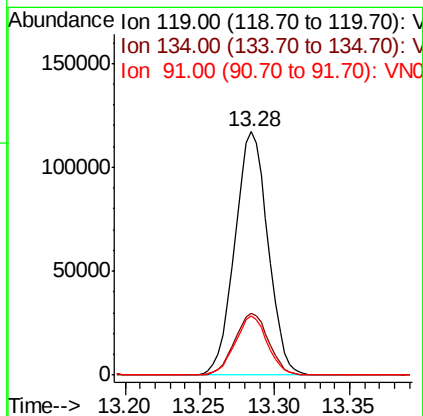
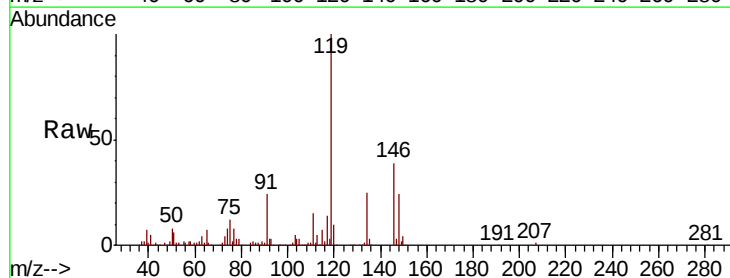
Instrument :
 MSVOA_N
 ClientSampled :
 VN0318WBSD01

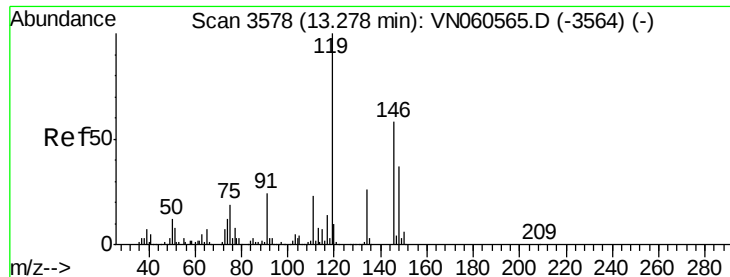
Tot Ion:105 Resp: 200892
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.168 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion:119 Resp: 180534
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.7 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.288 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0318WBSD01

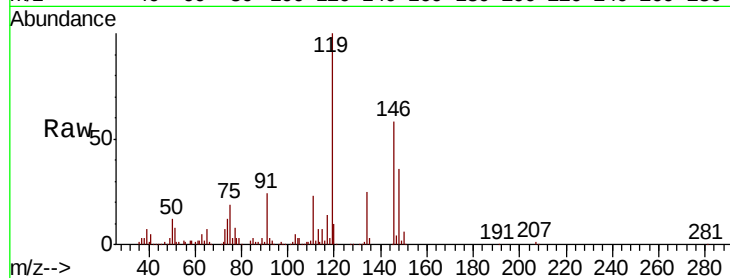
Tot Ion:146 Resp: 90765

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.8

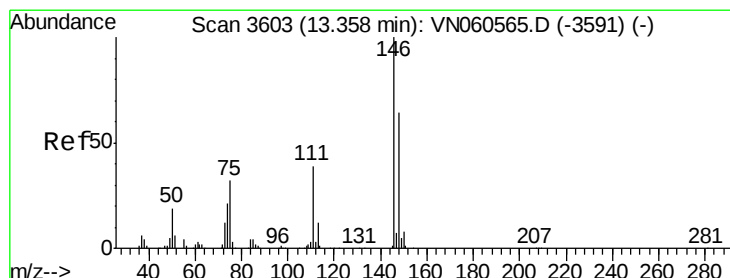
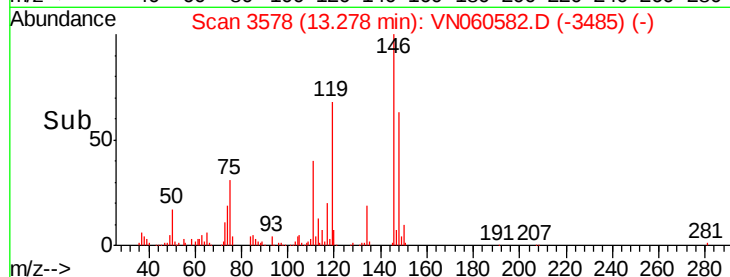
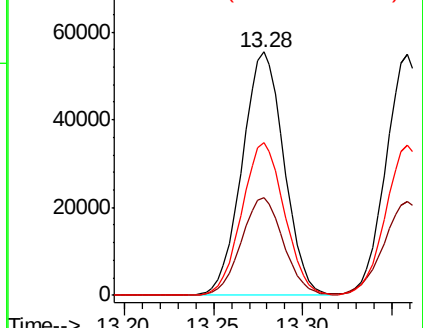
148 63.4 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.872 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN060582.D

Acq: 18 Mar 2020 11:31

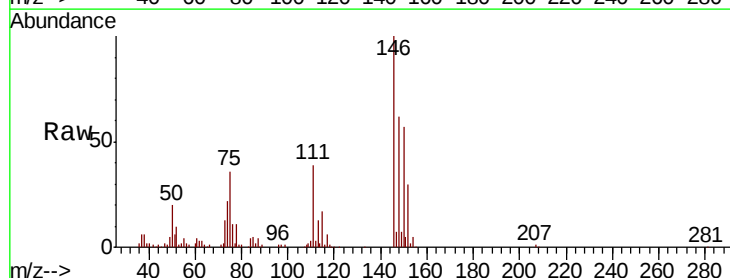
Tgt Ion:146 Resp: 89220

Ion Ratio Lower Upper

146 100

111 41.0 19.6 58.7

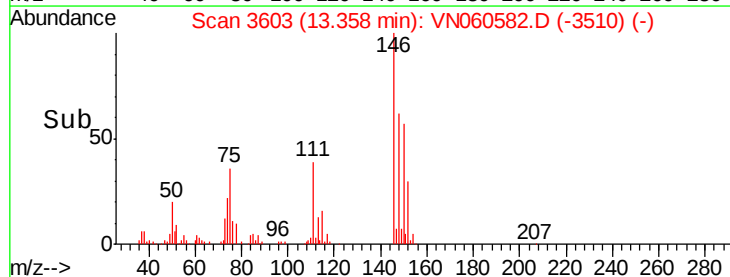
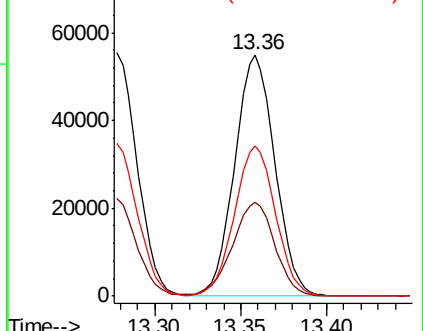
148 63.6 32.1 96.3

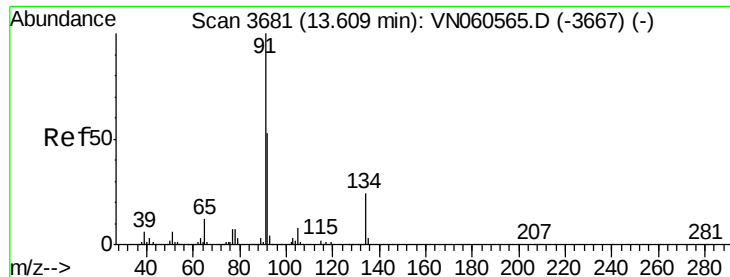


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

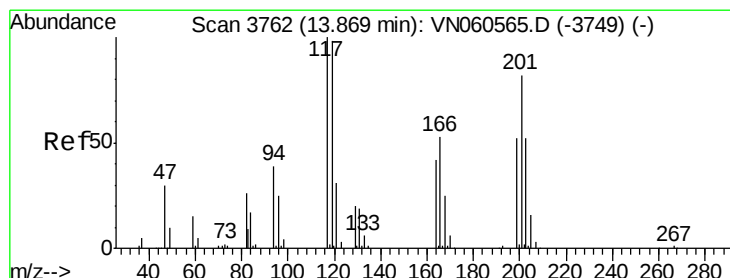
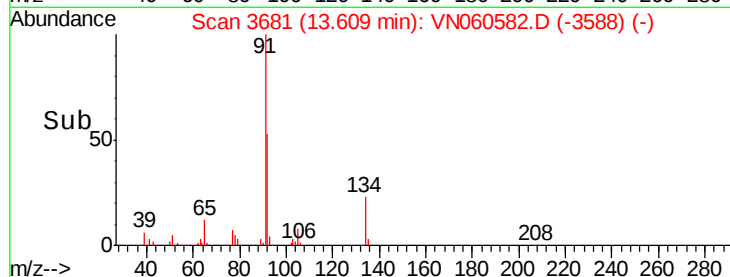
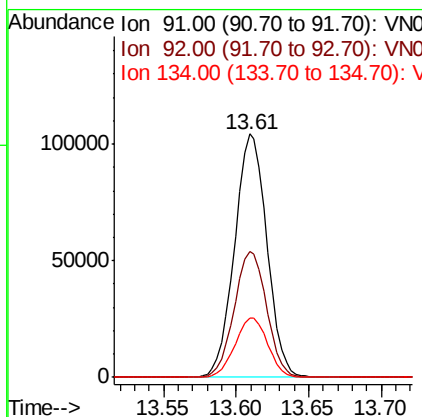
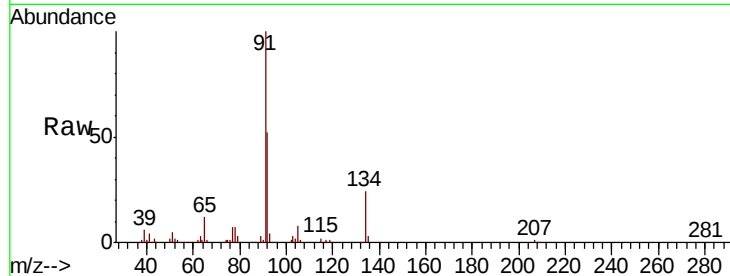




#89
n-Butylbenzene
Concen: 18.957 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

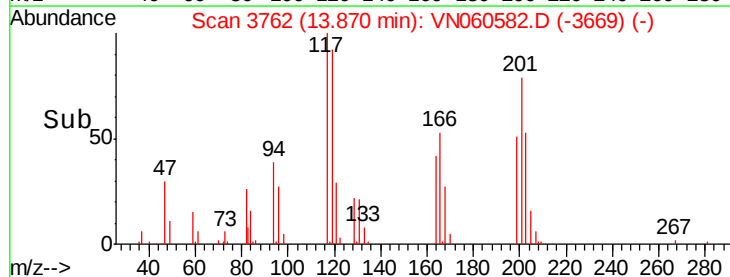
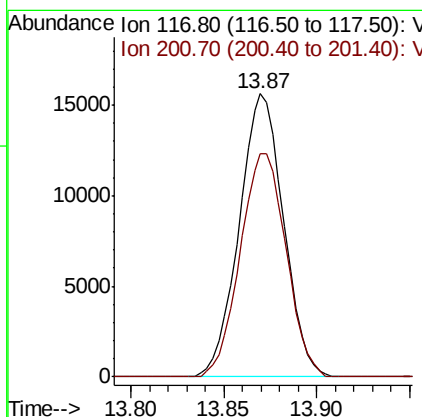
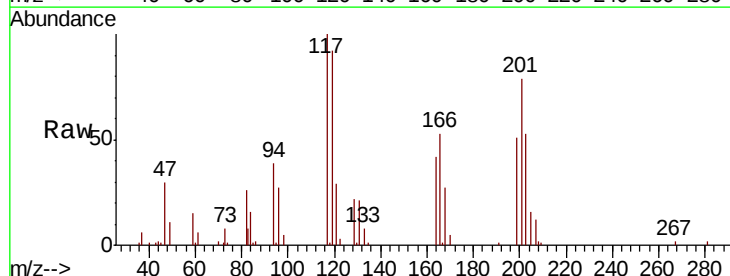
Instrument :
MSVOA_N
ClientSampled :
VN0318WBSD01

Tot Ion: 91 Resp: 161202
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 18.923 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion: 117 Resp: 25907
Ion Ratio Lower Upper
117 100
201 81.7 40.8 122.5

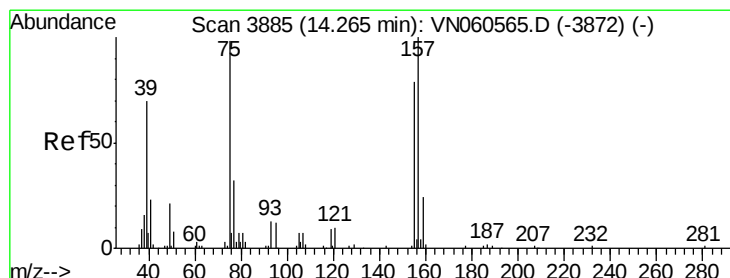
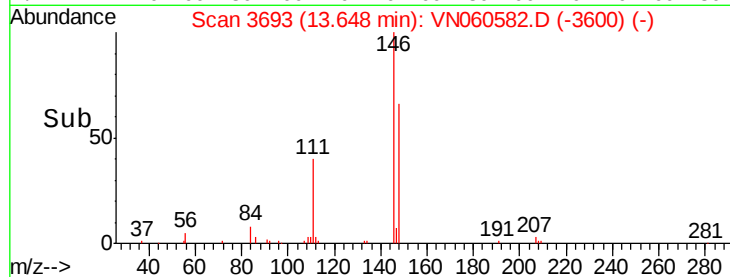
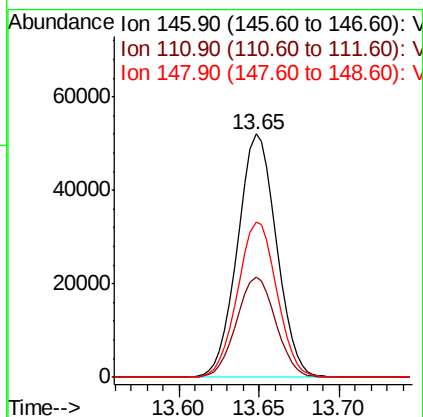
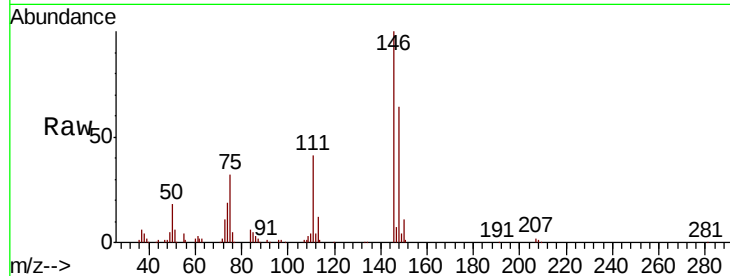




#91
 1,2-Dichlorobenzene
 Concen: 19.146 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

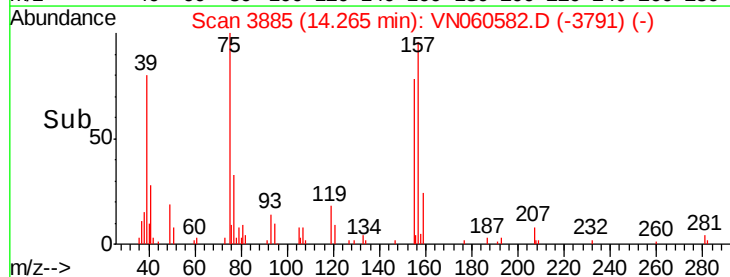
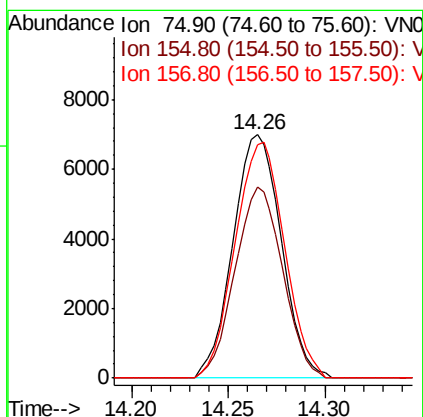
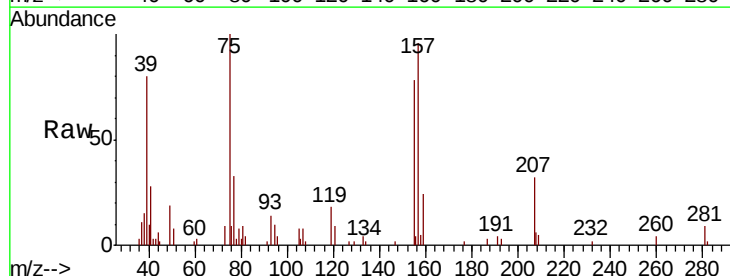
Instrument :
 MSVOA_N
 ClientSampled :
 VN0318WBSD01

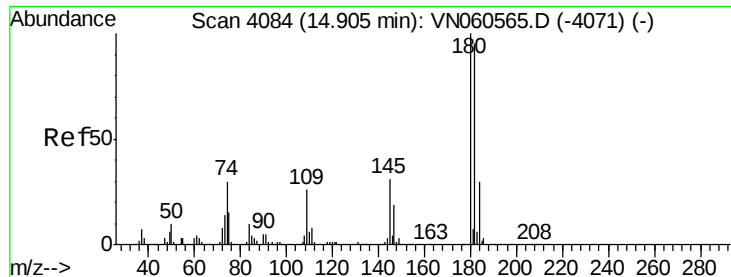
Tot Ion:146 Resp: 86149
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.0 63.0
 148 64.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.190 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion: 75 Resp: 12179
 Ion Ratio Lower Upper
 75 100
 155 77.1 40.7 122.1
 157 98.9 51.5 154.7

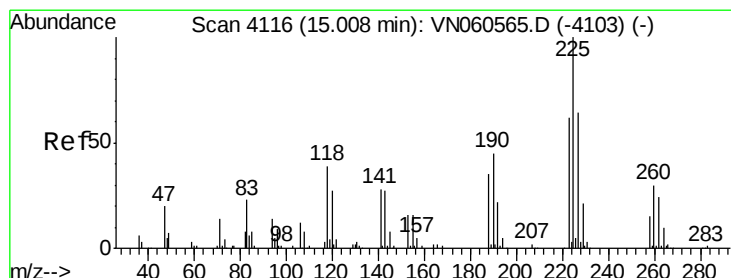
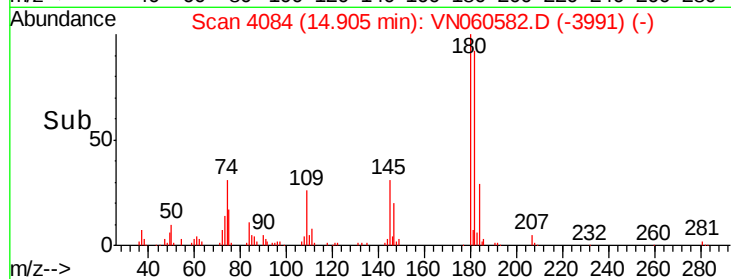
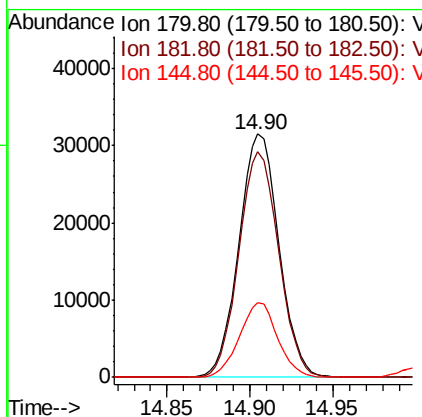
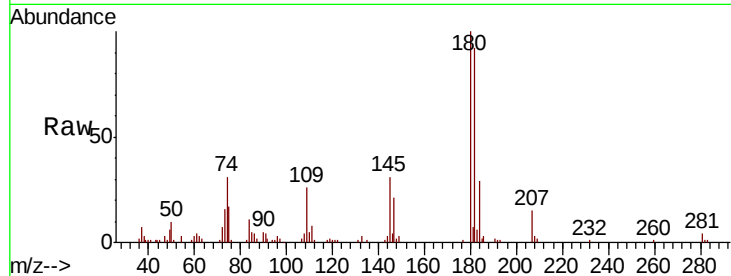




#93
 1,2,4-Trichlorobenzene
 Concen: 19.098 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

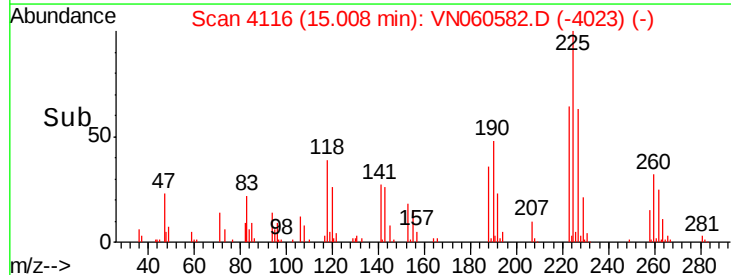
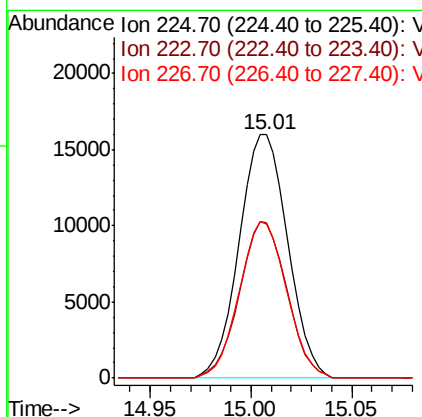
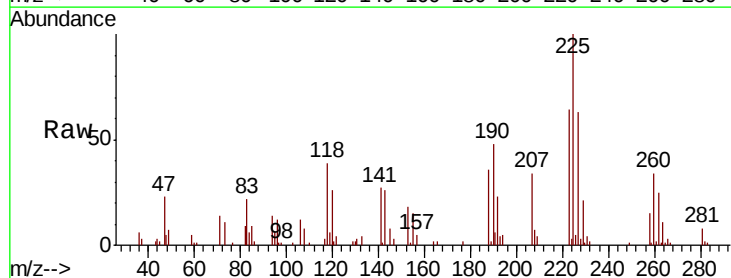
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

Tot Ion:180 Resp: 52770
 Ion Ratio Lower Upper
 180 100
 182 92.2 47.9 143.8
 145 29.2 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 19.892 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060582.D
 Acq: 18 Mar 2020 11:31

Tgt Ion:225 Resp: 26945
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 95.0
 227 62.7 32.3 96.8

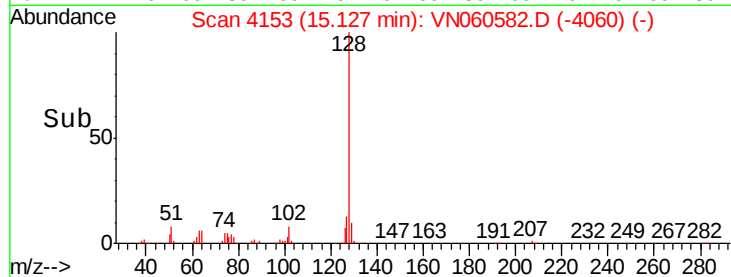
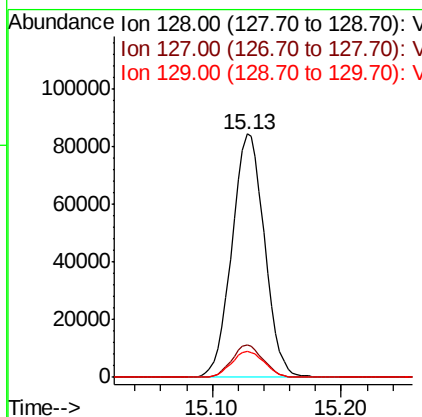
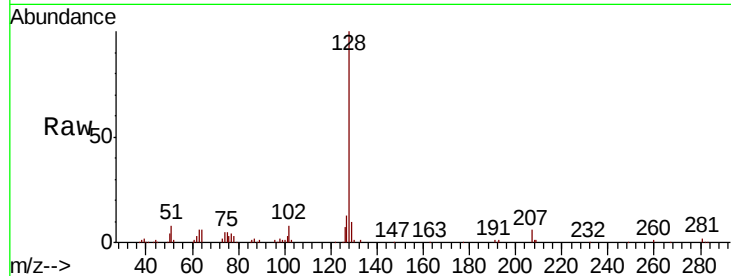




#95
Naphthalene
Concen: 17.787 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tot Ion:128 Resp: 147827
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.356 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060582.D
Acq: 18 Mar 2020 11:31

Tgt Ion:180 Resp: 49959
Ion Ratio Lower Upper
180 100
182 93.9 47.5 142.6
145 31.8 16.3 48.8

