

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030520\
 Data File : VN060366.D
 Acq On : 5 Mar 2020 14:58
 Operator : JC/MD
 Sample : VN0305WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBSD01

Quant Time: Mar 06 00:45:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137773	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	125879	51.04	ug/l	0.00
Spiked Amount						
						Recovery = 102.08%
35) Dibromofluoromethane	7.57	113	84706	57.41	ug/l	0.00
Spiked Amount						
						Recovery = 114.82%
50) Toluene-d8	10.08	98	360811	48.31	ug/l	0.00
Spiked Amount						
						Recovery = 96.62%
62) 4-Bromofluorobenzene	12.40	95	133230	47.06	ug/l	0.00
Spiked Amount						
						Recovery = 94.12%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	29683	16.844	ug/l	99
3) Chloromethane	2.04	50	54389	17.727	ug/l	98
4) Vinyl Chloride	2.16	62	43939	16.699	ug/l	99
5) Bromomethane	2.55	94	16803	14.141	ug/l	98
6) Chloroethane	2.69	64	24391	17.109	ug/l	98
7) Trichlorofluoromethane	3.00	101	58887	17.516	ug/l	99
8) Diethyl Ether	3.39	74	23214	18.289	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33094	17.394	ug/l	100
10) Methyl Iodide	3.93	142	28863	16.622	ug/l	100
11) Tert butyl alcohol	4.73	59	21141	57.734	ug/l #	94
12) 1,1-Dichloroethene	3.72	96	33534	18.111	ug/l	99
13) Acrolein	3.58	56	31485	92.166	ug/l	99
14) Allyl chloride	4.30	41	61111	17.949	ug/l	97
15) Acrylonitrile	4.94	53	93096	96.455	ug/l	99
16) Acetone	3.78	43	72813	91.431	ug/l	98
17) Carbon Disulfide	4.03	76	84126	16.698	ug/l	98
18) Methyl Acetate	4.29	43	48527	18.260	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	126598	18.883	ug/l	100
20) Methylene Chloride	4.52	84	38441	17.576	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	35913	17.827	ug/l	99
22) Diisopropyl ether	5.92	45	131581	19.079	ug/l	95
23) Vinyl Acetate	5.86	43	525030	95.804	ug/l	100
24) 1,1-Dichloroethane	5.82	63	73512	18.830	ug/l	99
25) 2-Butanone	6.80	43	121753	94.652	ug/l	100
26) 2,2-Dichloropropane	6.80	77	65522	18.436	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	44540	17.563	ug/l	99
28) Bromochloromethane	7.17	49	30785	19.206	ug/l	97
29) Tetrahydrofuran	7.18	42	85038	95.070	ug/l	98
30) Chloroform	7.35	83	73121	18.815	ug/l	99
31) Cyclohexane	7.63	56	64853	18.626	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	63909	18.561	ug/l	99
36) 1,1-Dichloropropene	7.77	75	53172	17.550	ug/l	99
37) Ethyl Acetate	6.90	43	55383	19.305	ug/l	99
38) Carbon Tetrachloride	7.75	117	51884	17.589	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030520\
 Data File : VN060366.D
 Acq On : 5 Mar 2020 14:58
 Operator : JC/MD
 Sample : VN0305WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBSD01

Quant Time: Mar 06 00:45:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.07	83	57336	16.051	ug/l	97
40) Benzene	8.02	78	160357	18.185	ug/l	100
41) Methacrylonitrile	7.18	41	78846	59.524	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	59123	18.580	ug/l	100
43) Isopropyl Acetate	8.14	43	99066	19.725	ug/l	99
44) Trichloroethene	8.82	130	43138	17.565	ug/l	98
45) 1,2-Dichloropropane	9.10	63	44007	19.087	ug/l	98
46) Dibromomethane	9.19	93	27364	18.292	ug/l	98
47) Bromodichloromethane	9.39	83	56923	18.709	ug/l	100
48) Methyl methacrylate	9.18	41	41481	18.112	ug/l	99
49) 1,4-Dioxane	9.18	88	4759	147.764	ug/l #	88
51) 4-Methyl-2-Pentanone	9.97	43	277322	97.390	ug/l	100
52) Toluene	10.14	92	100348	18.116	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	65821	17.655	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	70482	18.245	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	41198	18.495	ug/l	97
56) Ethyl methacrylate	10.42	69	59300	18.530	ug/l	97
57) 1,3-Dichloropropane	10.70	76	69322	19.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	154354	92.220	ug/l	100
59) 2-Hexanone	10.74	43	195787	93.645	ug/l	100
60) Dibromochloromethane	10.89	129	41954	18.520	ug/l	98
61) 1,2-Dibromoethane	11.00	107	39176	18.041	ug/l	100
64) Tetrachloroethene	10.62	164	44760	18.530	ug/l	99
65) Chlorobenzene	11.43	112	103203	17.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	39636	18.136	ug/l	98
67) Ethyl Benzene	11.51	91	189718	17.625	ug/l	99
68) m/p-Xylenes	11.62	106	141773	34.909	ug/l	99
69) o-Xylene	11.94	106	68433	17.670	ug/l	100
70) Styrene	11.96	104	110612	17.372	ug/l	99
71) Bromoform	12.12	173	28537	18.117	ug/l #	93
73) Isopropylbenzene	12.25	105	186890	18.302	ug/l	100
74) N-amyl acetate	12.07	43	81880	18.350	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	55346	19.939	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	76139	25.189	ug/l #	100
77) Bromobenzene	12.52	156	45175	18.047	ug/l	99
78) n-propylbenzene	12.59	91	213657	17.850	ug/l	100
79) 2-Chlorotoluene	12.67	91	126342	17.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	154276	17.944	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20717	18.919	ug/l #	85
82) 4-Chlorotoluene	12.77	91	131440	17.731	ug/l	98
83) tert-Butylbenzene	12.99	119	130576	17.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	152640	17.589	ug/l	99
85) sec-Butylbenzene	13.17	105	168665	16.920	ug/l	100
86) p-Isopropyltoluene	13.29	119	152878	16.570	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	79550	18.375	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	78985	18.250	ug/l	98
89) n-Butylbenzene	13.61	91	134831	15.920	ug/l	99
90) Hexachloroethane	13.87	117	20693	15.495	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	77650	17.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11469	18.246	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030520\
Data File : VN060366.D
Acq On : 5 Mar 2020 14:58
Operator : JC/MD
Sample : VN0305WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

Quant Time: Mar 06 00:45:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47635	17.150	ug/l	99
94) Hexachlorobutadiene	15.01	225	20786	15.834	ug/l	98
95) Naphthalene	15.13	128	148471	17.912	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	45832	17.343	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

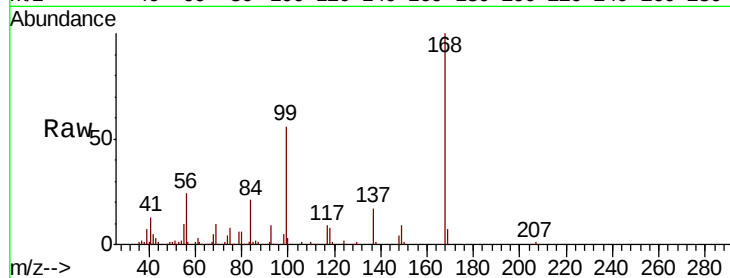
VN0305WBSD01

Tot Ion:168 Resp: 192209

Ion Ratio Lower Upper

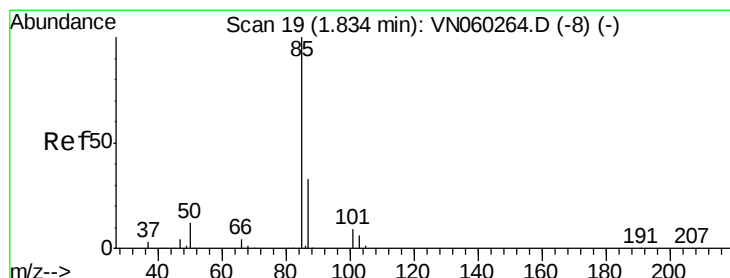
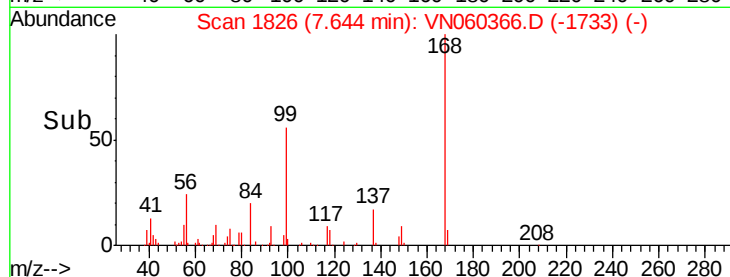
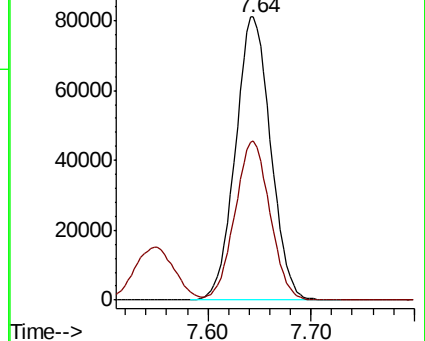
168 100

99 56.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.844 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060366.D

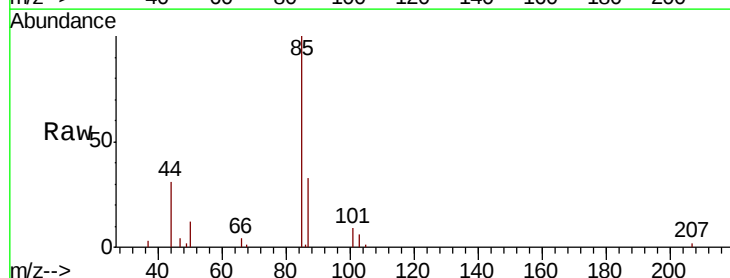
Acq: 5 Mar 2020 14:58

Tgt Ion: 85 Resp: 29683

Ion Ratio Lower Upper

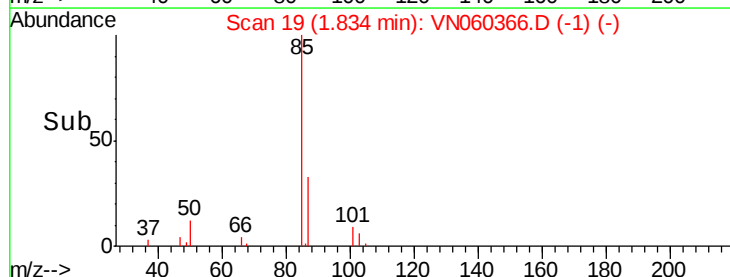
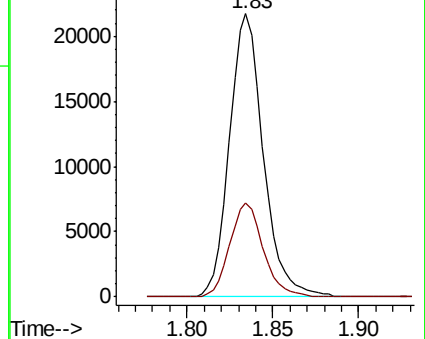
85 100

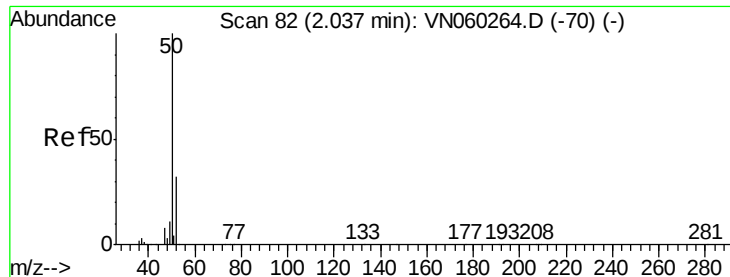
87 33.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.727 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

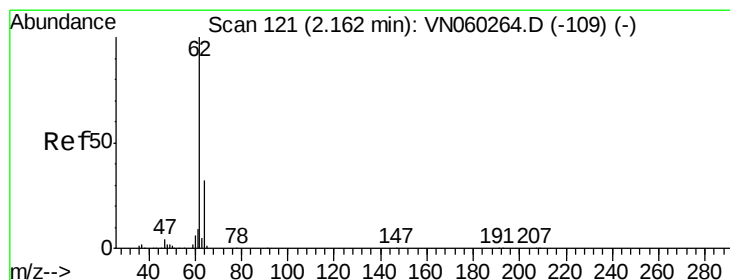
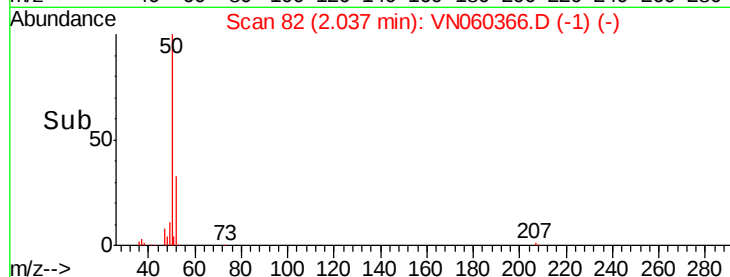
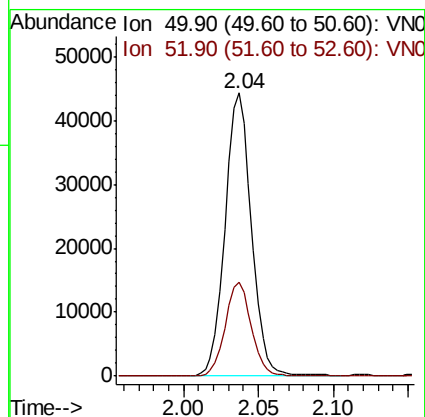
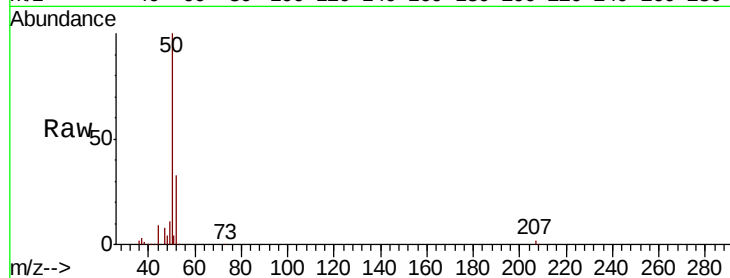
VN0305WBSD01

Tot Ion: 50 Resp: 54389

Ion Ratio Lower Upper

50 100

52 33.1 25.6 38.4



#4

Vinyl Chloride

Concen: 16.699 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060366.D

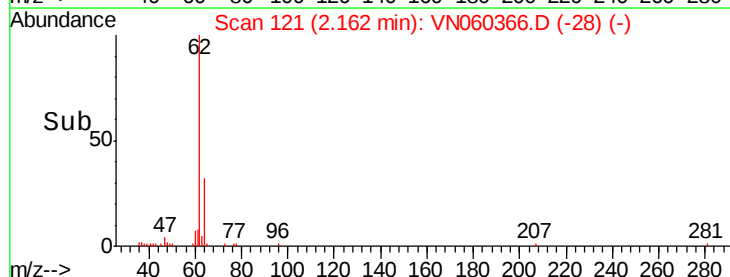
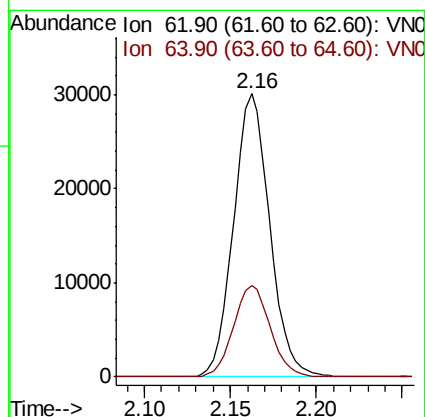
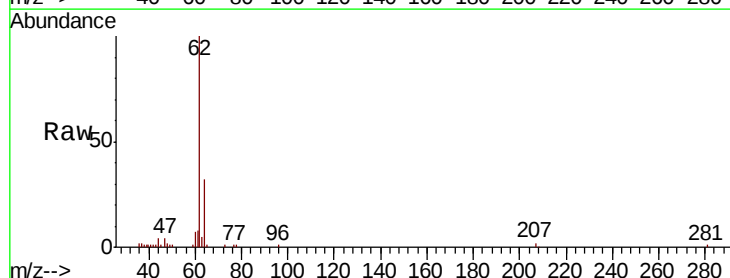
Acq: 5 Mar 2020 14:58

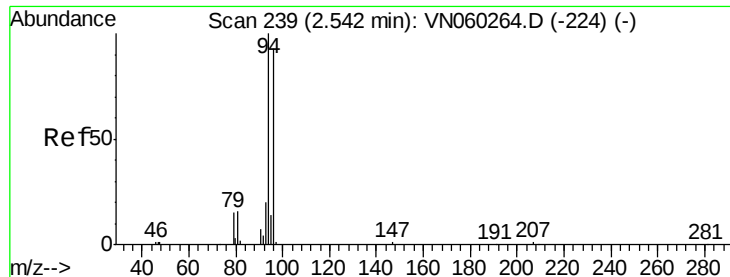
Tgt Ion: 62 Resp: 43939

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 14.141 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

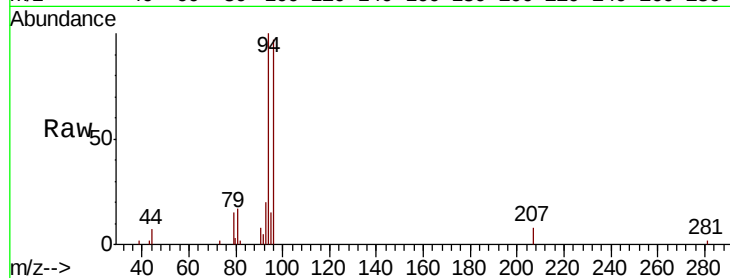
VN0305WBSD01

Tot Ion: 94 Resp: 16803

Ion Ratio Lower Upper

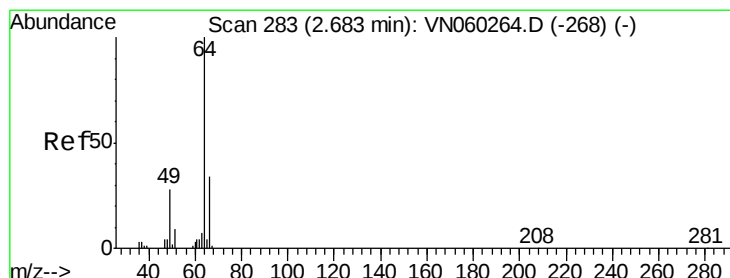
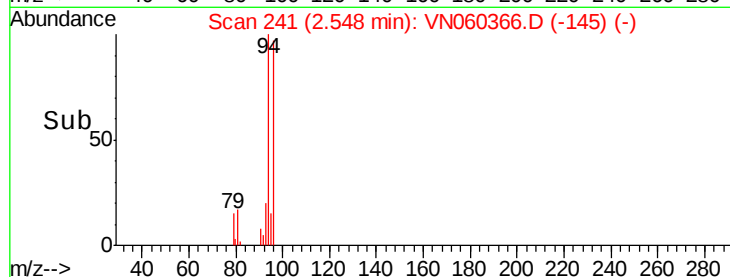
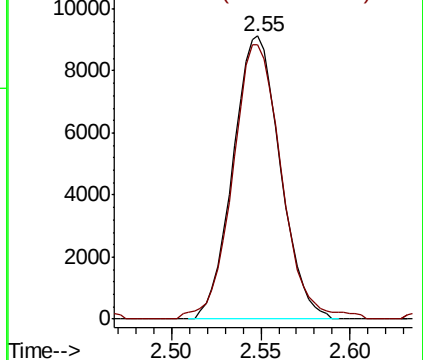
94 100

96 94.5 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.109 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060366.D

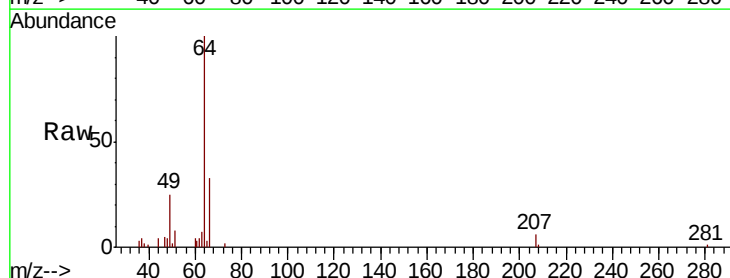
Acq: 5 Mar 2020 14:58

Tgt Ion: 64 Resp: 24391

Ion Ratio Lower Upper

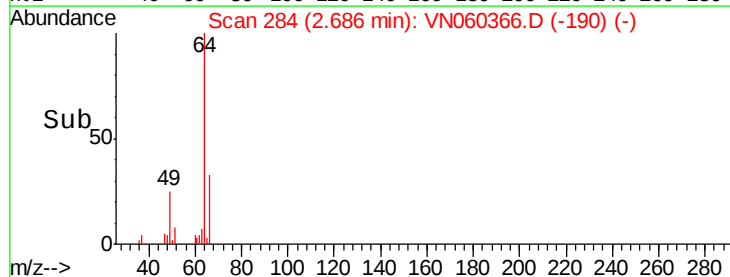
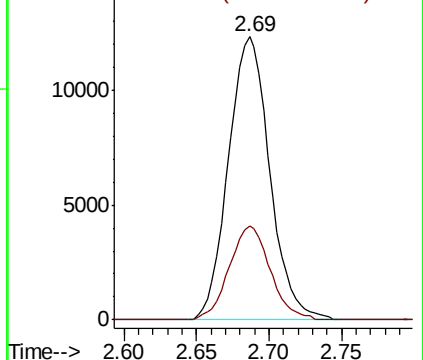
64 100

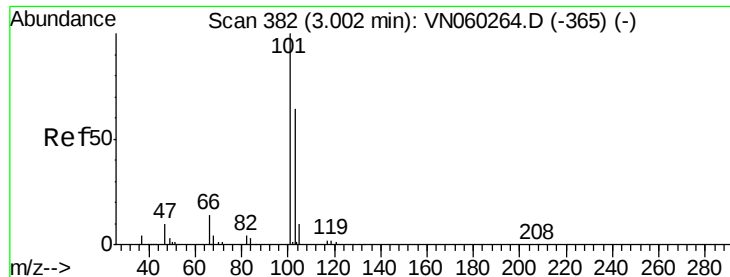
66 33.4 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



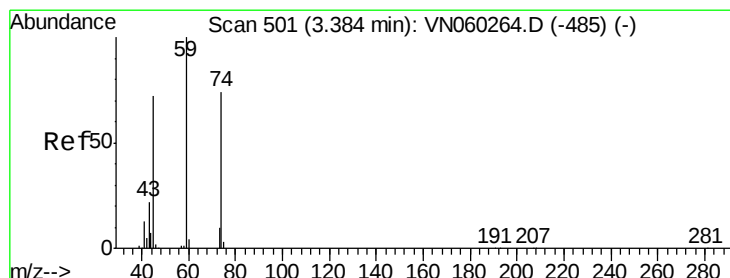
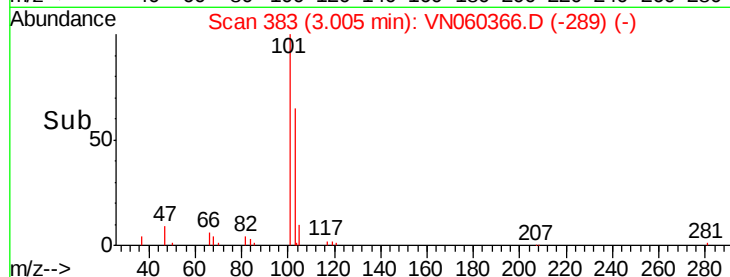
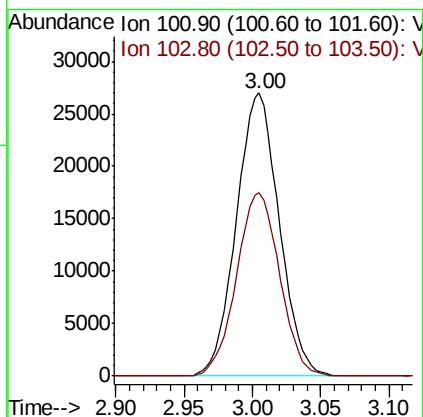
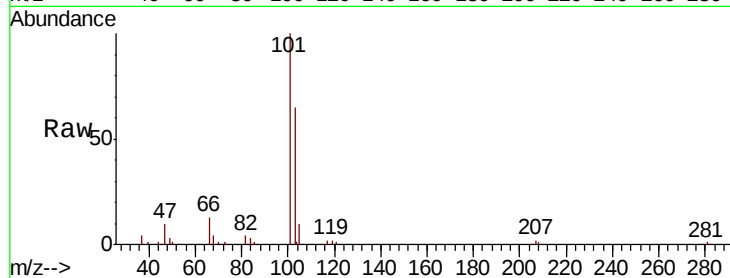


#7

Trichlorofluoromethane
 Concen: 17.516 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBSD01

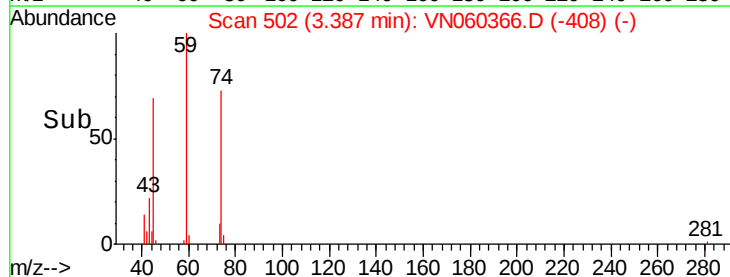
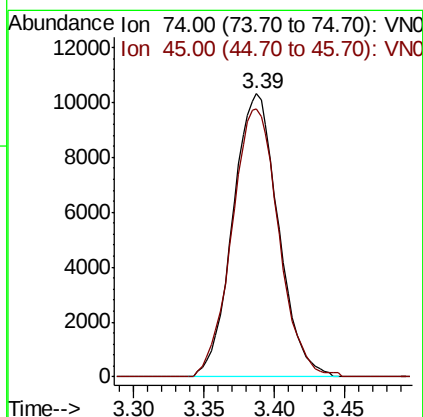
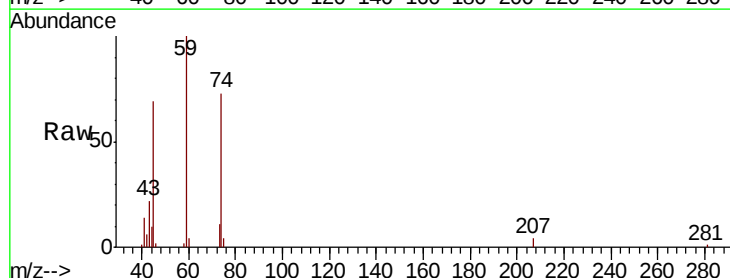
Tot Ion:101 Resp: 58887
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.3 76.9

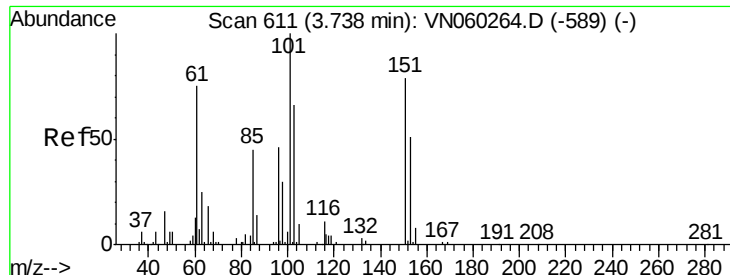


#8

Diethyl Ether
 Concen: 18.289 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

Tgt Ion: 74 Resp: 23214
 Ion Ratio Lower Upper
 74 100
 45 97.3 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.394 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

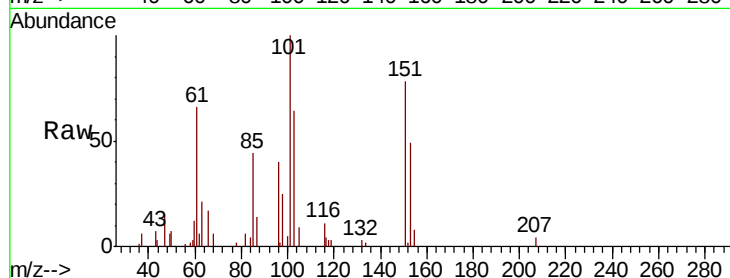
Tot Ion:101 Resp: 33094

Ion Ratio Lower Upper

101 100

85 44.7 35.4 53.2

151 77.6 62.0 93.0

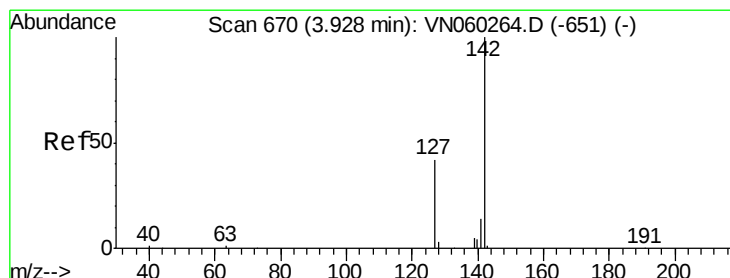
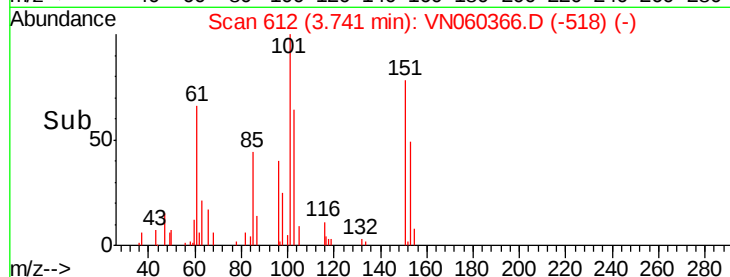
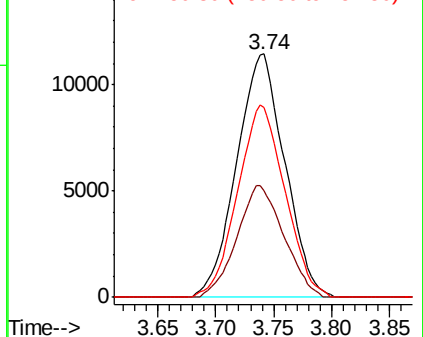


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.622 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

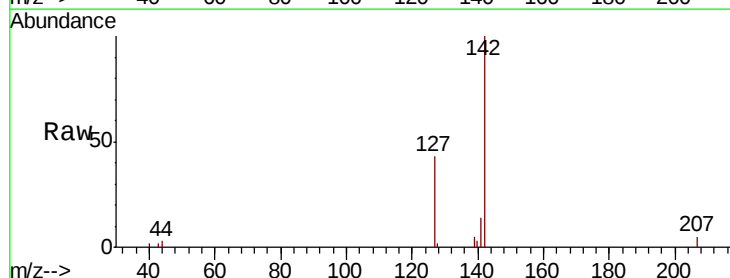
Tgt Ion:142 Resp: 28863

Ion Ratio Lower Upper

142 100

127 42.3 33.8 50.6

141 13.8 11.1 16.7

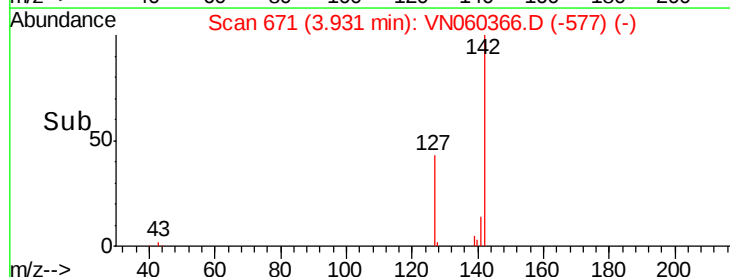
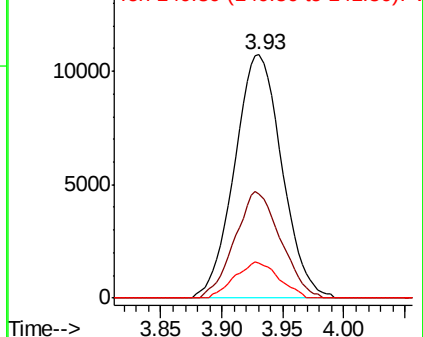


Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



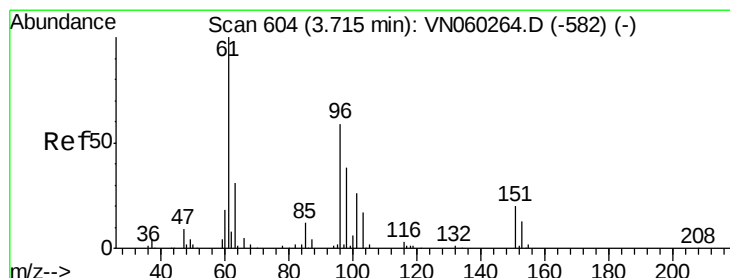
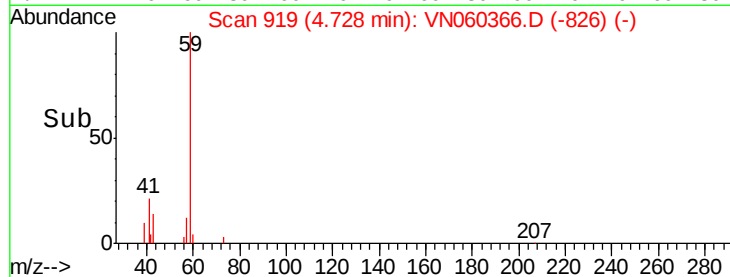
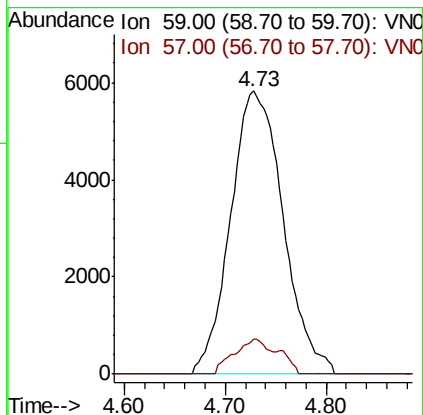
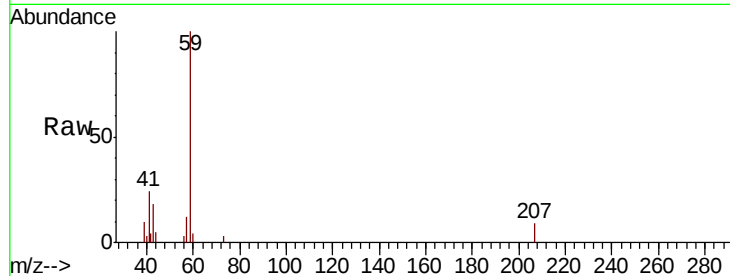


#11

Tert butyl alcohol
 Concen: 57.734 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBSD01

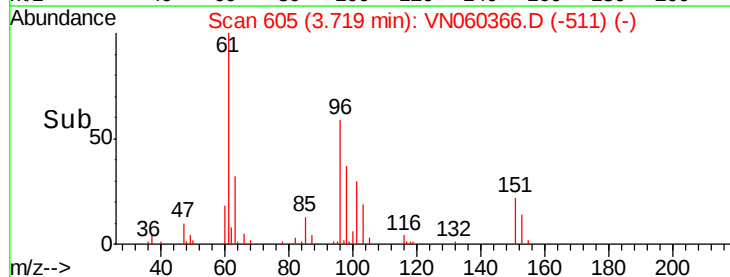
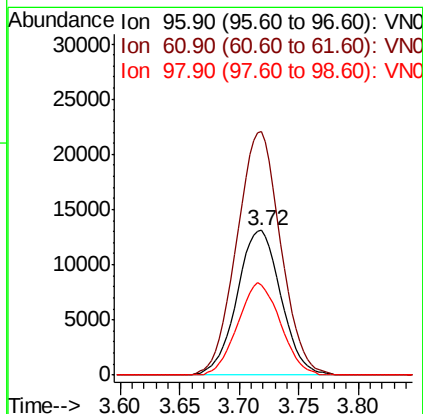
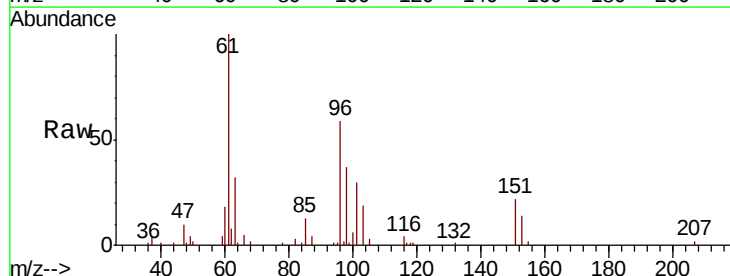
Tot Ion: 59 Resp: 21141
 Ion Ratio Lower Upper
 59 100
 57 8.0 8.2 12.2#

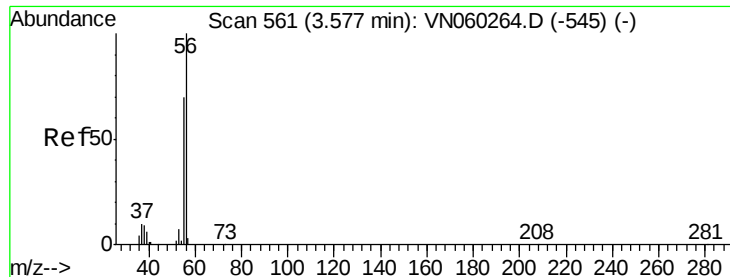


#12

1,1-Dichloroethene
 Concen: 18.111 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

Tgt Ion: 96 Resp: 33534
 Ion Ratio Lower Upper
 96 100
 61 168.1 135.4 203.0
 98 62.1 51.6 77.4





#13

Acrolein

Concen: 92.166 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

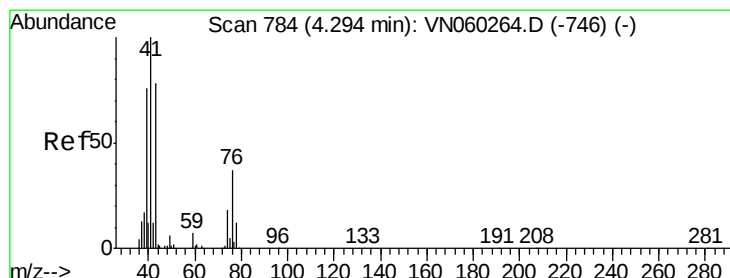
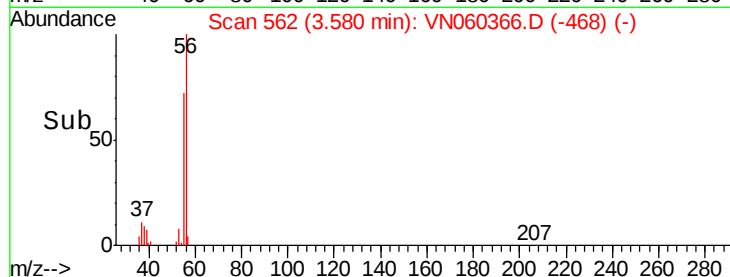
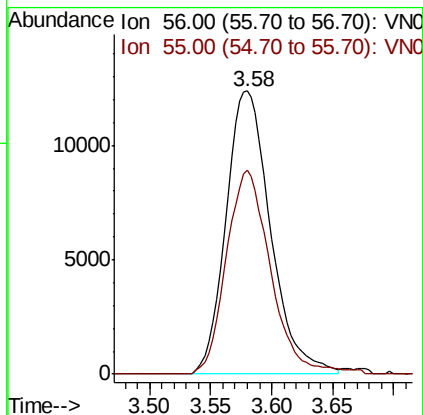
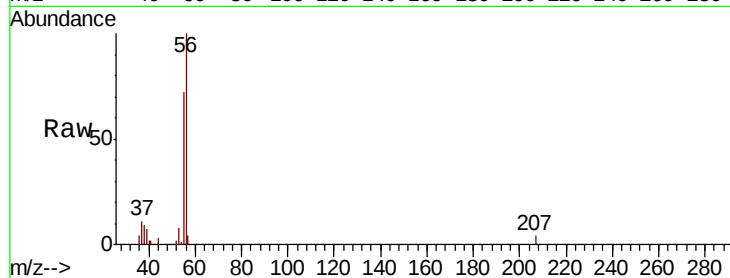
VN0305WBSD01

Tot Ion: 56 Resp: 31485

Ion Ratio Lower Upper

56 100

55 71.3 57.4 86.0



#14

Allyl chloride

Concen: 17.949 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

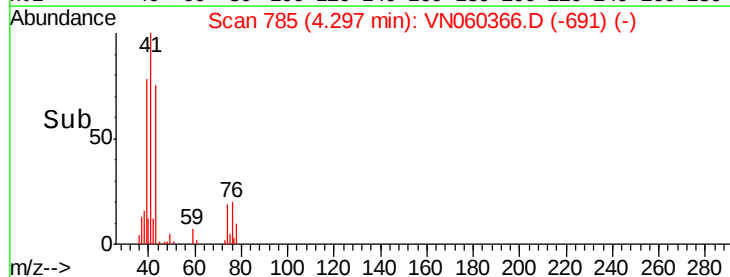
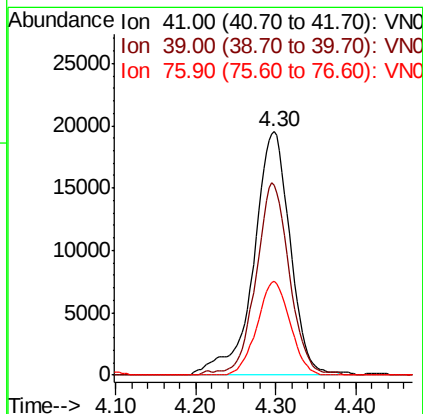
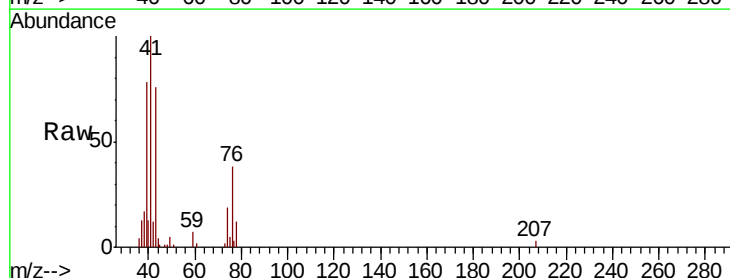
Tgt Ion: 41 Resp: 61111

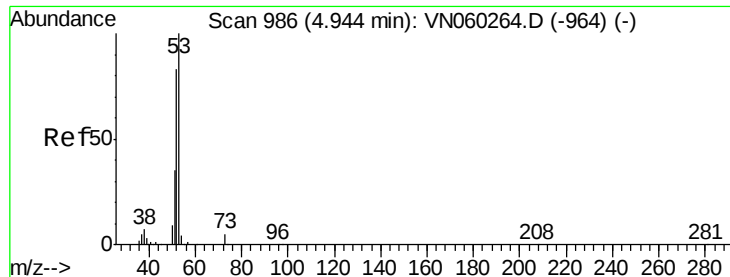
Ion Ratio Lower Upper

41 100

39 72.1 55.4 83.2

76 34.8 27.0 40.6





#15

Acrylonitrile

Concen: 96.455 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

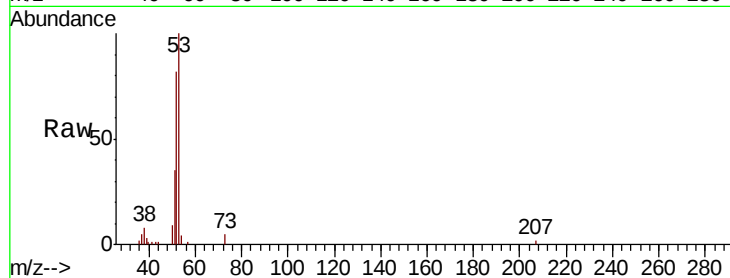
Tot Ion: 53 Resp: 93096

Ion Ratio Lower Upper

53 100

52 82.5 66.8 100.2

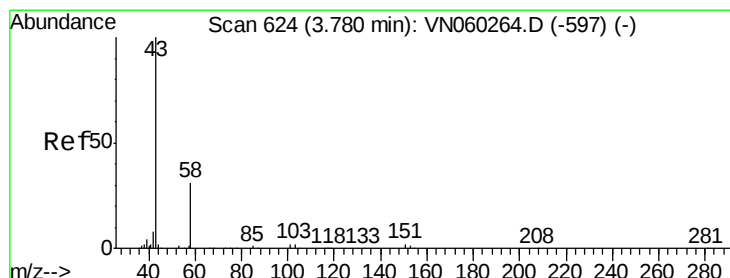
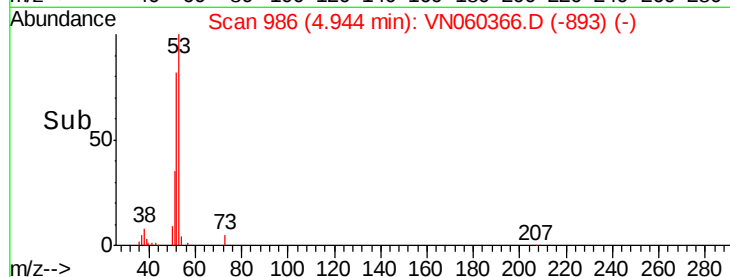
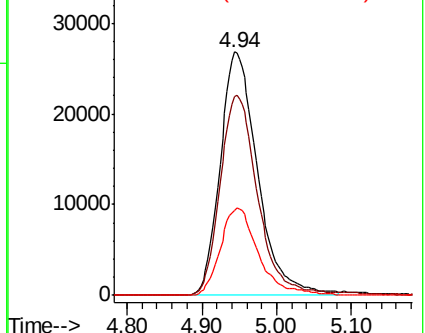
51 36.4 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 91.431 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060366.D

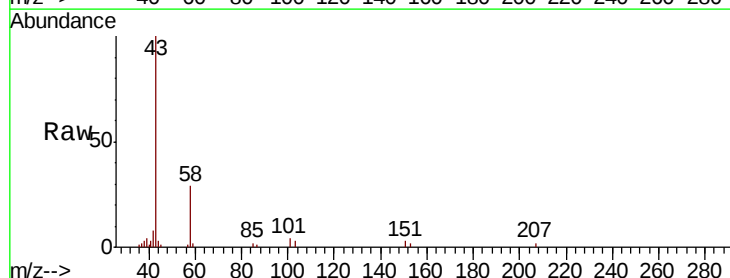
Acq: 5 Mar 2020 14:58

Tgt Ion: 43 Resp: 72813

Ion Ratio Lower Upper

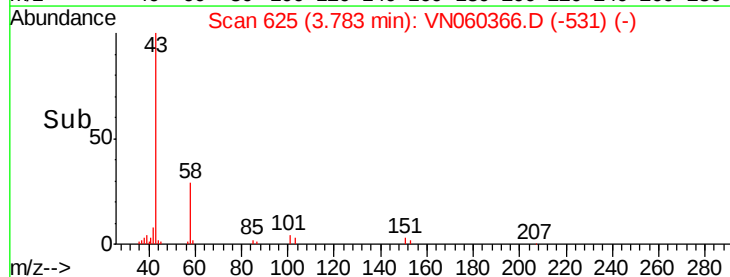
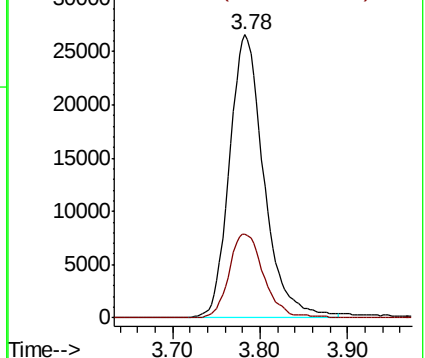
43 100

58 29.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

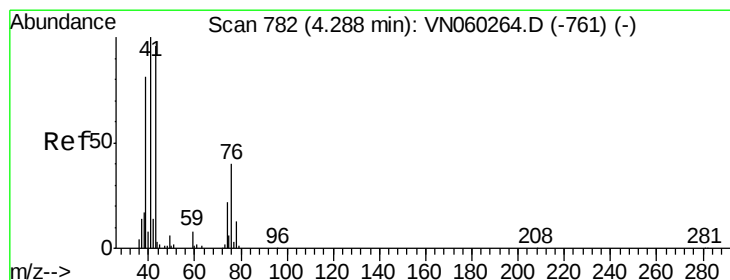
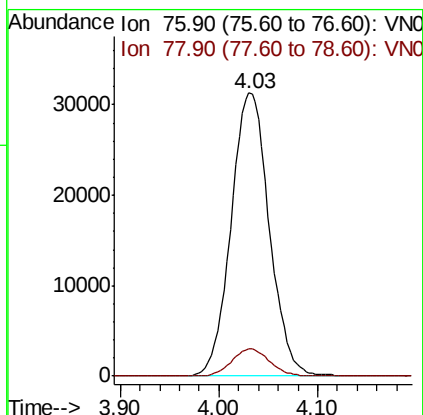
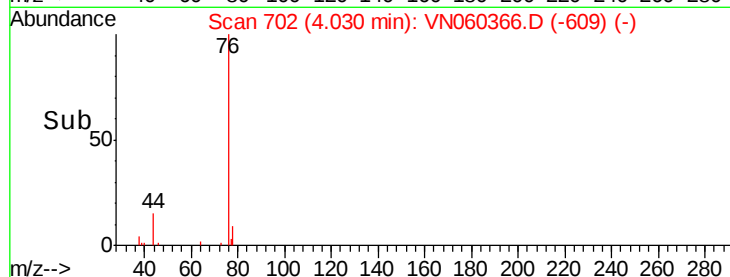
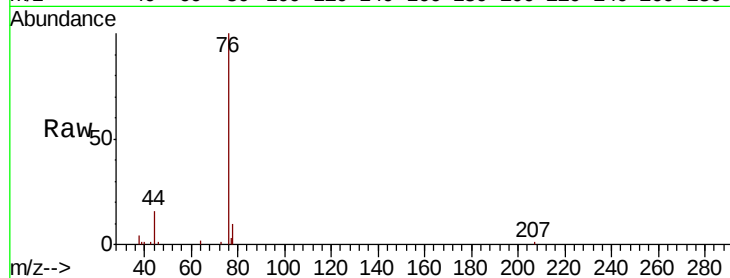




#17
Carbon Disulfide
Concen: 16.698 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

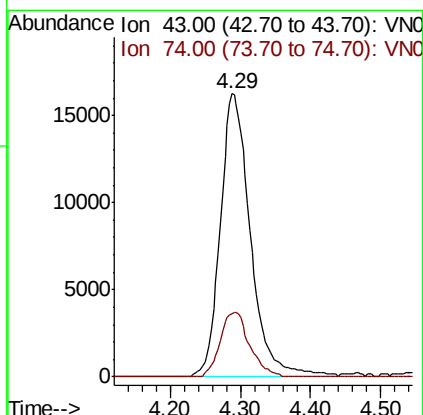
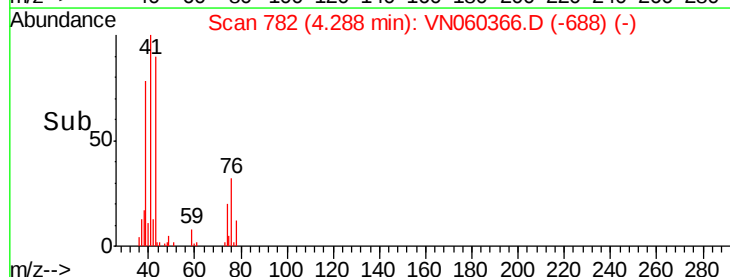
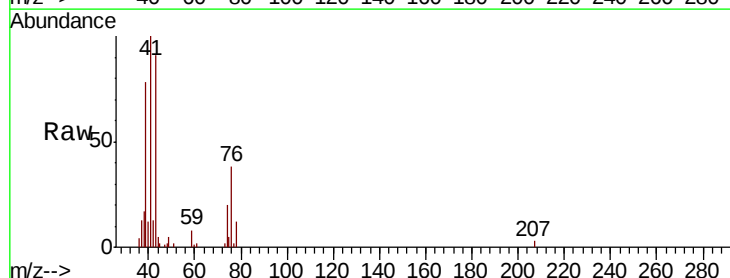
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

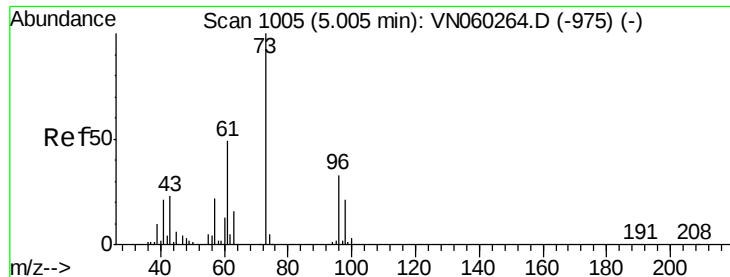
Tot Ion: 76 Resp: 84126
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.260 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 43 Resp: 48527
Ion Ratio Lower Upper
43 100
74 22.2 18.8 28.2

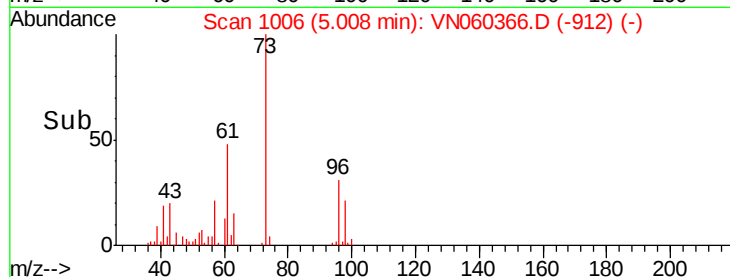
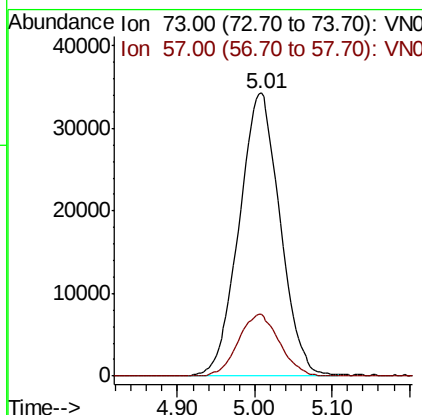
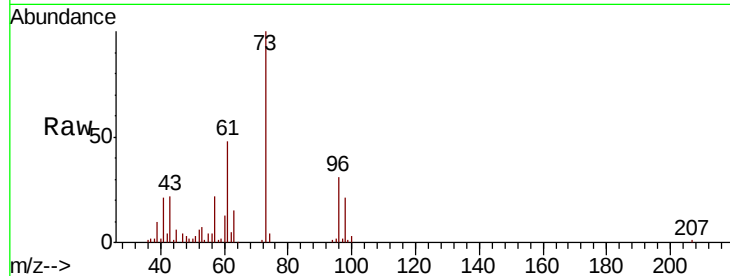




#19
Methyl tert-butyl Ether
Concen: 18.883 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

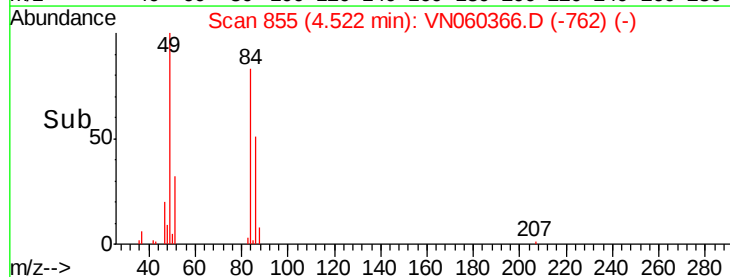
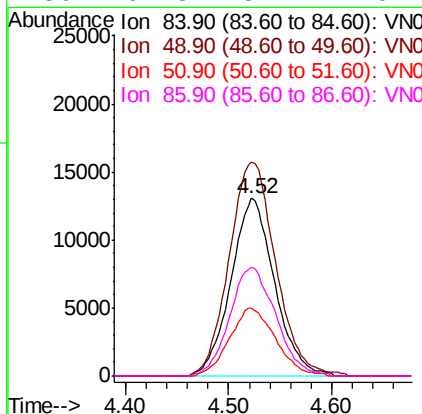
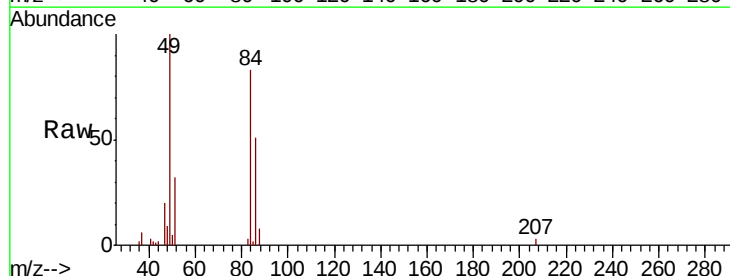
Instrument :
MSVOA_N
ClientSampled :
VN0305WBSD01

Tot Ion: 73 Resp: 126598
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 17.576 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 84 Resp: 38441
Ion Ratio Lower Upper
84 100
49 120.4 99.3 148.9
51 38.3 30.1 45.1
86 61.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.827 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

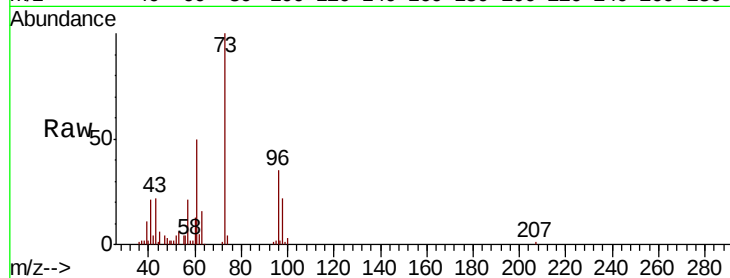
MSVOA_N

ClientSampleId :

VN0305WBSD01

Tot Ion: 96 Resp: 35913

Ion	Ratio	Lower	Upper
96	100		
61	142.9	113.8	170.8
98	63.4	48.8	73.2

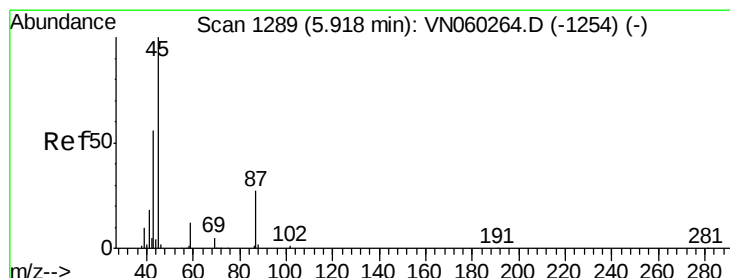
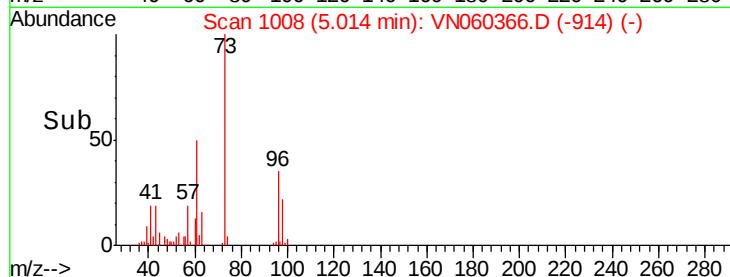
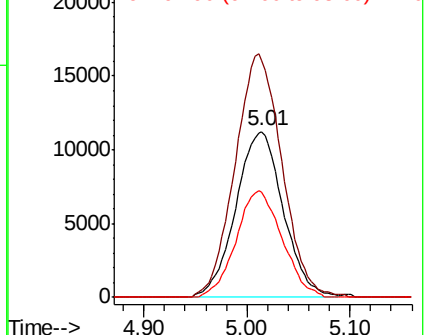


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 19.079 ug/l

RT: 5.92 min Scan# 1289

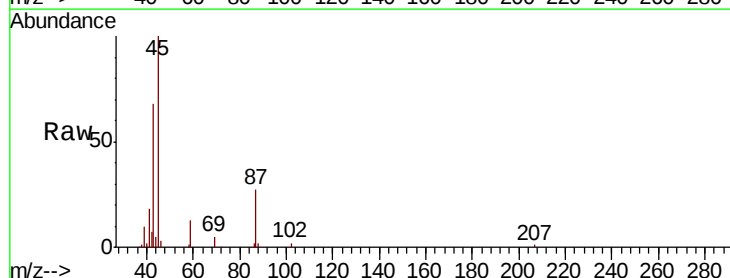
Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Tgt Ion: 45 Resp: 131581

Ion	Ratio	Lower	Upper
45	100		
43	65.9	48.6	72.8
87	26.7	22.2	33.2
59	12.5	9.5	14.3



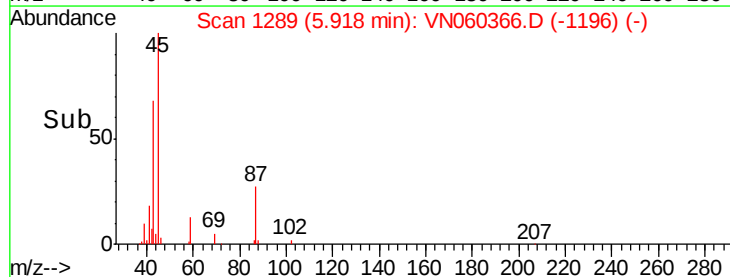
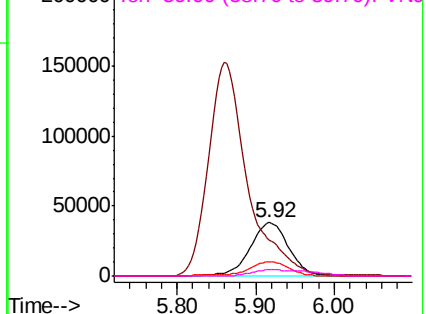
Abundance

Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 95.804 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

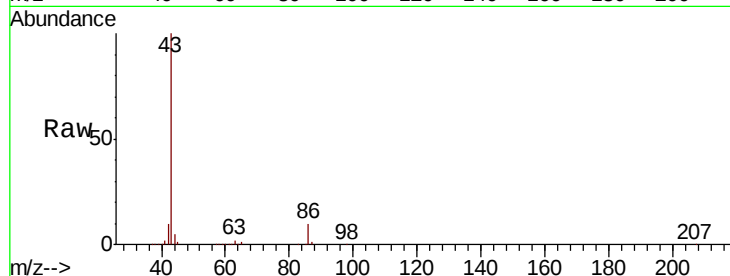
VN0305WBSD01

Tot Ion: 43 Resp: 525030

Ion Ratio Lower Upper

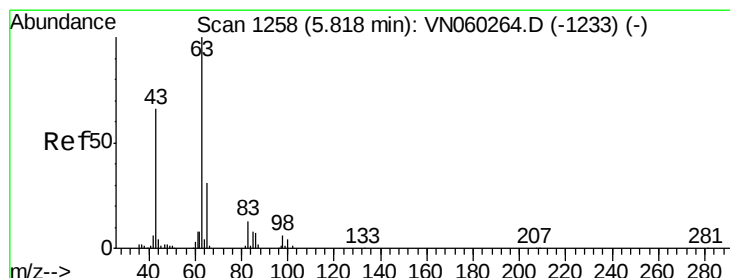
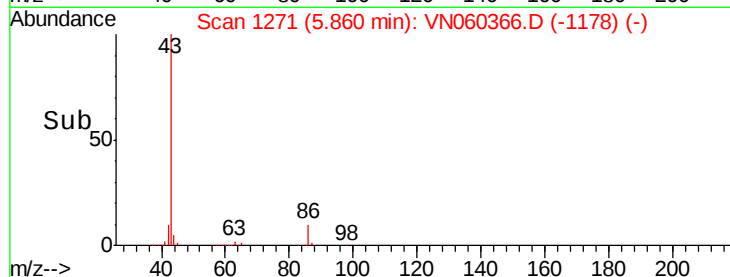
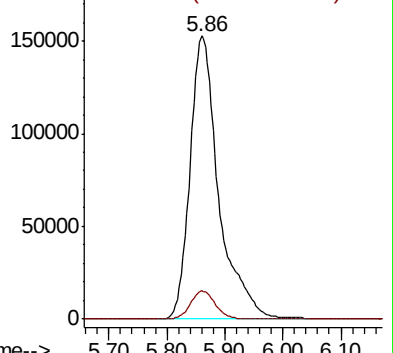
43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.830 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

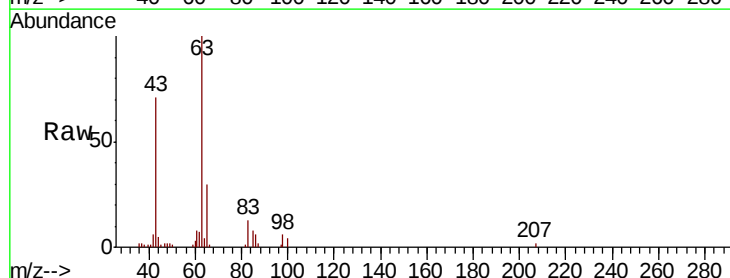
Tgt Ion: 63 Resp: 73512

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

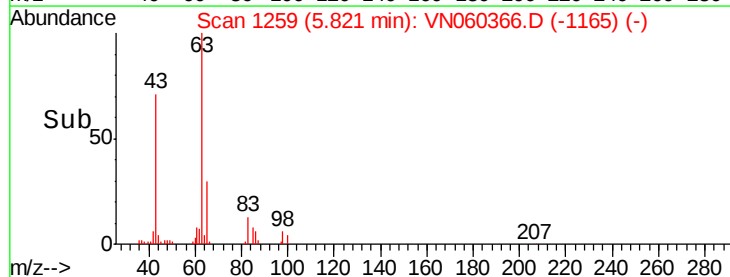
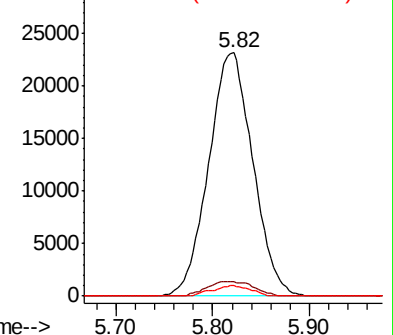
100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 94.652 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

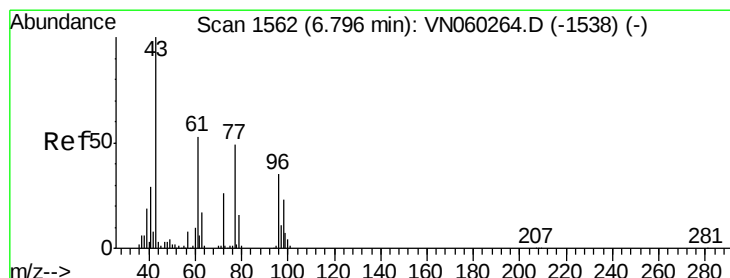
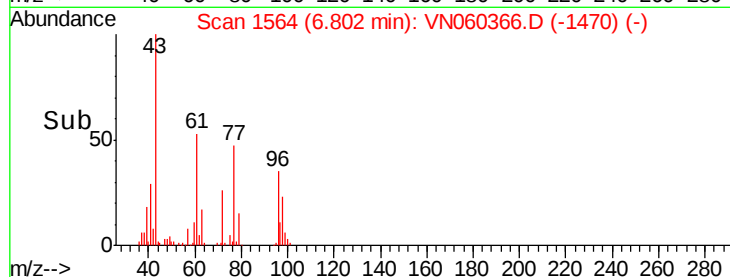
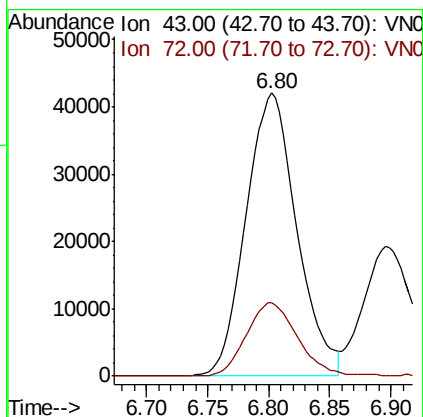
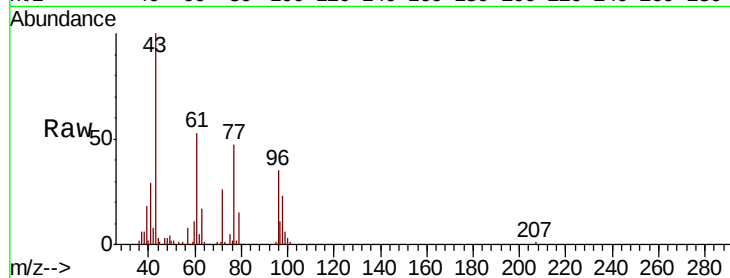
VN0305WBSD01

Tot Ion: 43 Resp: 121753

Ion Ratio Lower Upper

43 100

72 26.1 20.9 31.3



#26

2,2-Dichloropropane

Concen: 18.436 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060366.D

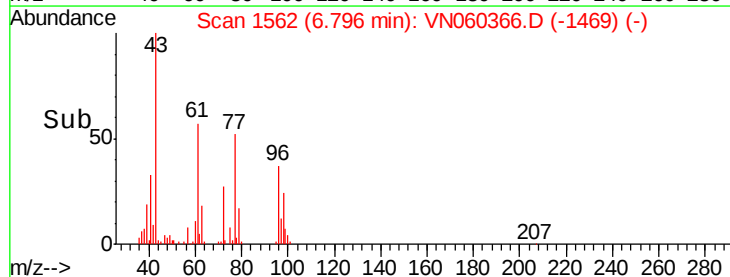
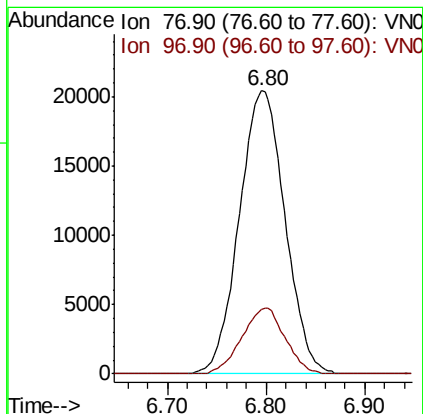
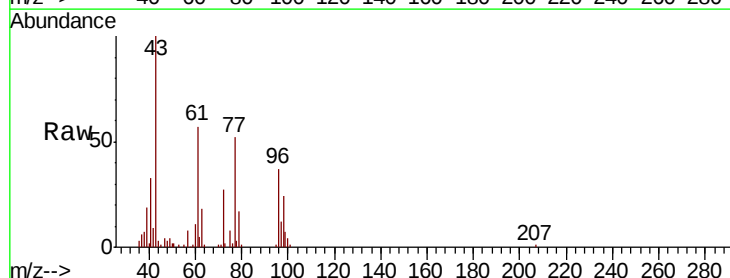
Acq: 5 Mar 2020 14:58

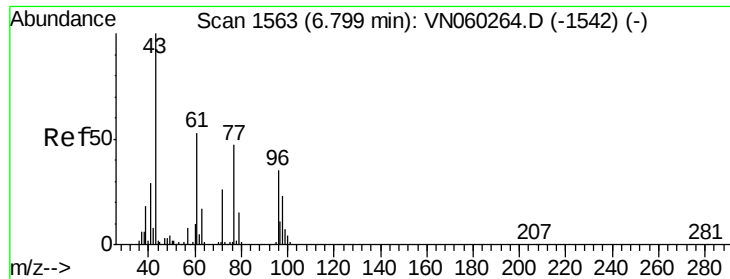
Tgt Ion: 77 Resp: 65522

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 17.563 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

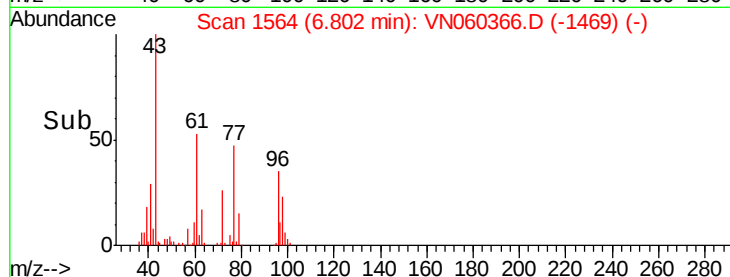
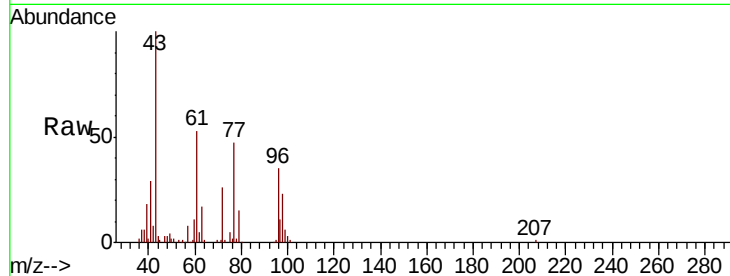
Tot Ion: 96 Resp: 44540

Ion Ratio Lower Upper

96 100

61 149.5 0.0 300.8

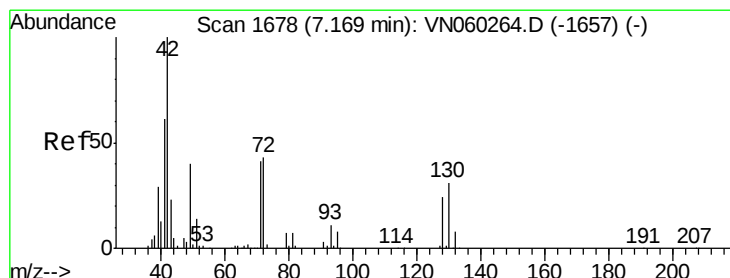
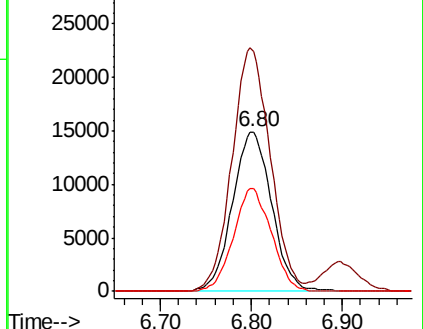
98 62.3 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.206 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

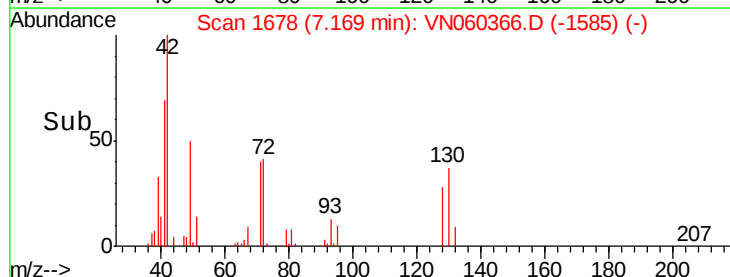
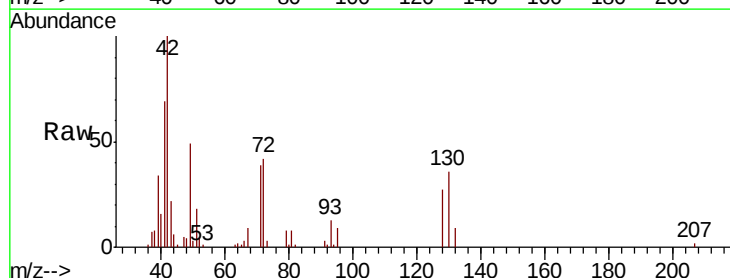
Tgt Ion: 49 Resp: 30785

Ion Ratio Lower Upper

49 100

129 0.1 0.0 3.8

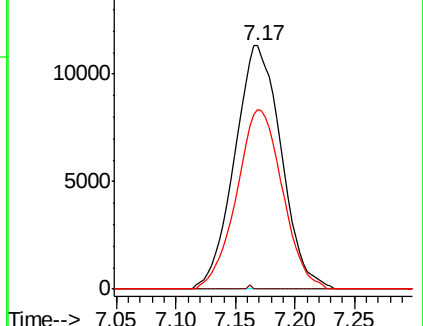
130 72.4 59.8 89.8



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

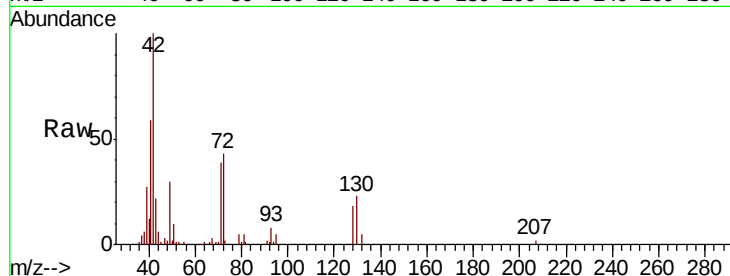




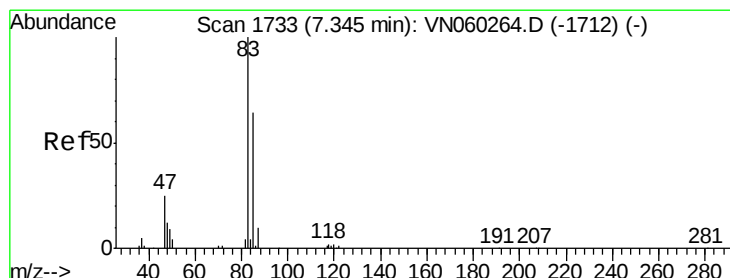
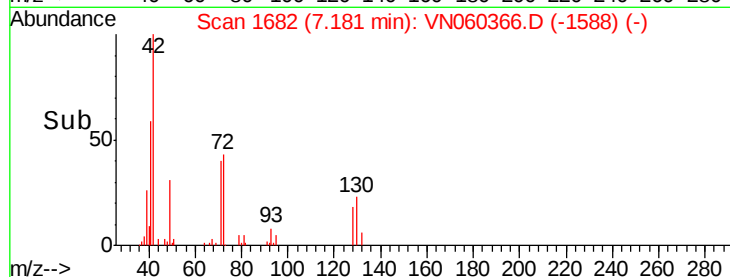
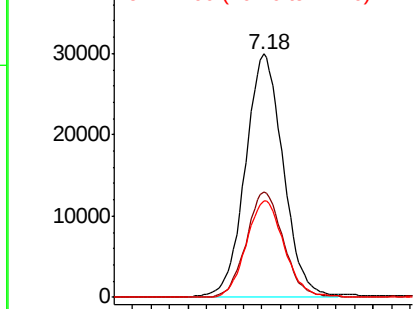
#29
Tetrahydrofuran
Concen: 95.070 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

Tot Ion: 42 Resp: 85038
Ion Ratio Lower Upper
42 100
72 42.2 34.6 52.0
71 39.7 32.9 49.3

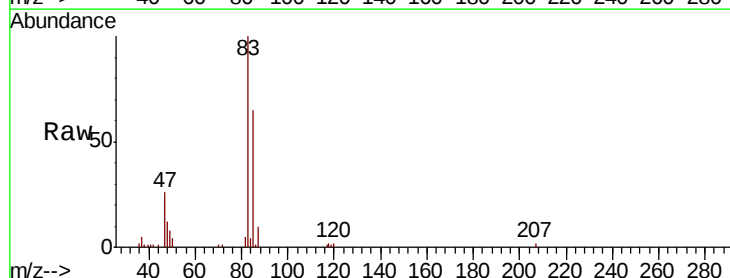


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

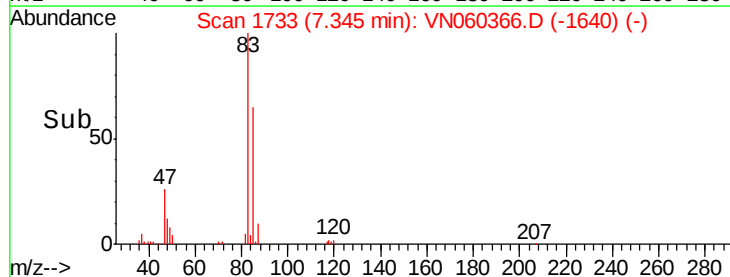
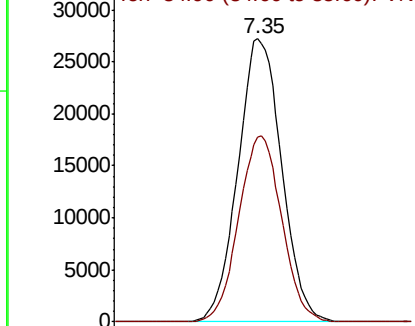


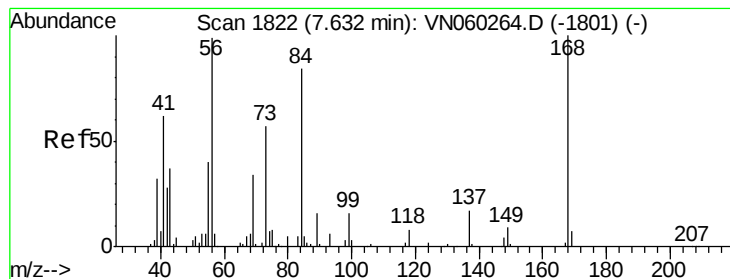
#30
Chloroform
Concen: 18.815 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 83 Resp: 73121
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.2



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





#31

Cyclohexane

Concen: 18.626 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

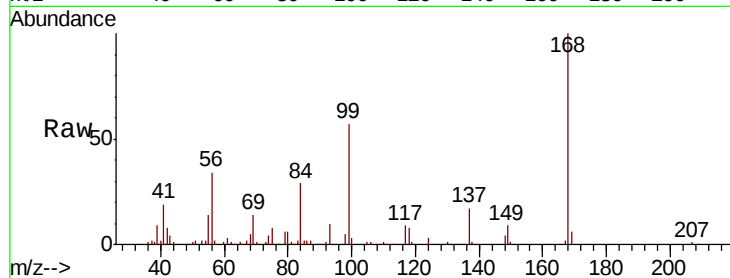
Tot Ion: 56 Resp: 64853

Ion Ratio Lower Upper

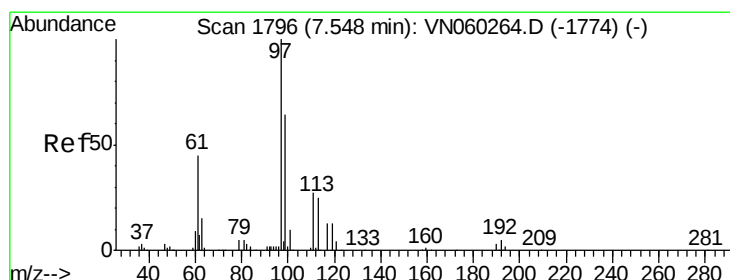
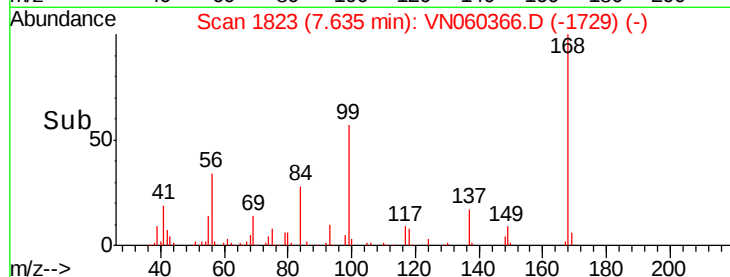
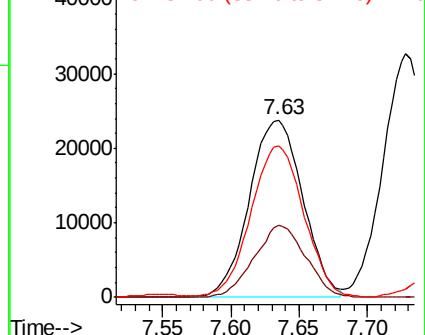
56 100

69 40.4 27.2 40.8

84 84.6 66.7 100.1



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



#32

1,1,1-Trichloroethane

Concen: 18.561 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

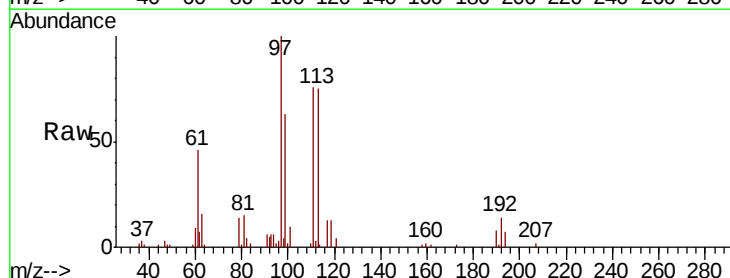
Tgt Ion: 97 Resp: 63909

Ion Ratio Lower Upper

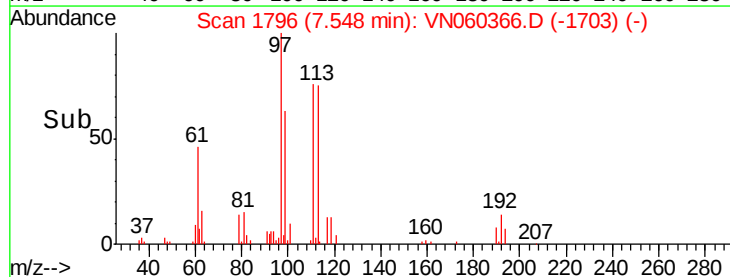
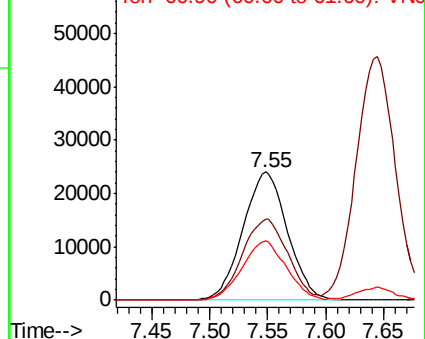
97 100

99 64.8 51.4 77.0

61 46.0 36.6 55.0



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





#33

1,2-Dichloroethane-d4

Concen: 51.044 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

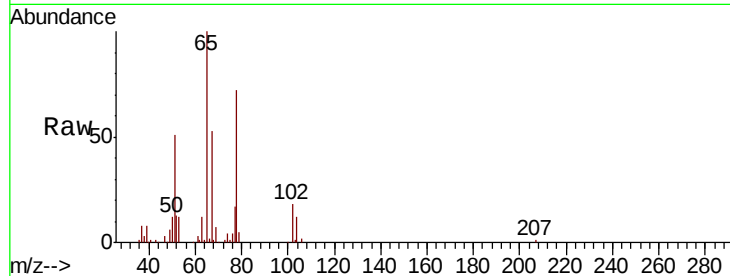
VN0305WBSD01

Tot Ion: 65 Resp: 125879

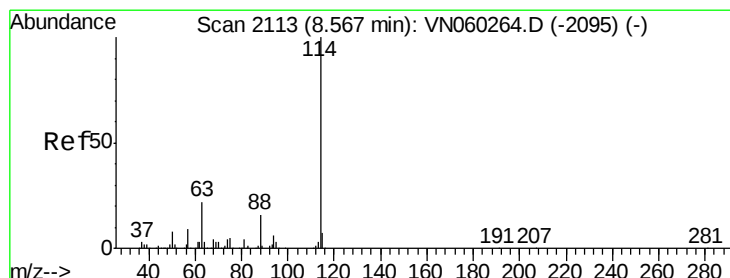
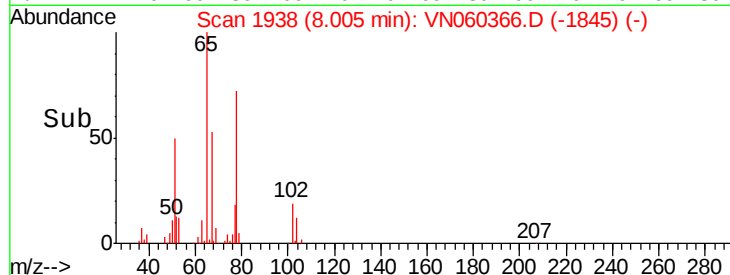
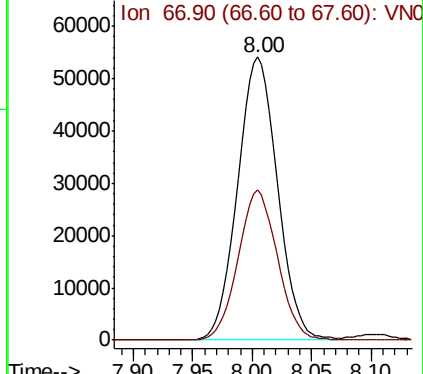
Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060366.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

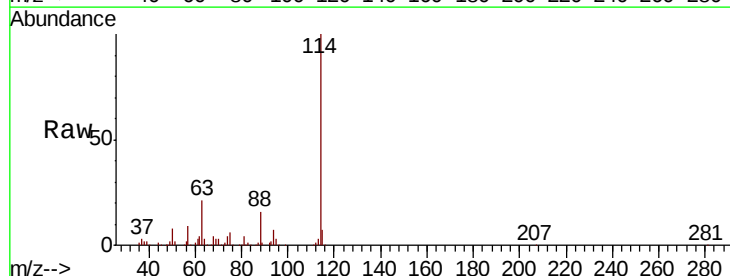
Tgt Ion: 114 Resp: 317898

Ion Ratio Lower Upper

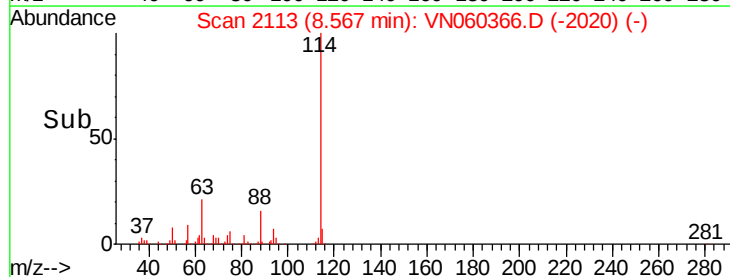
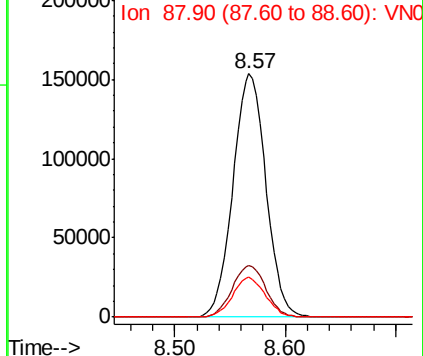
114 100

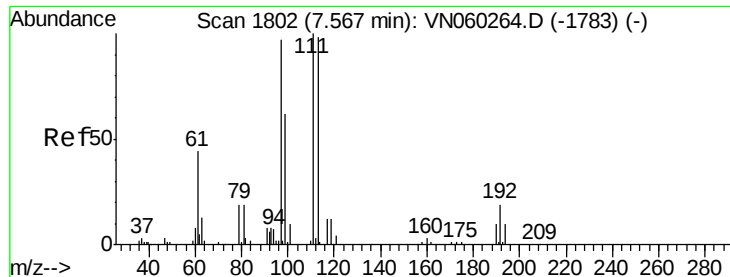
63 21.1 0.0 43.2

88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN060366.D (-2020) (-)

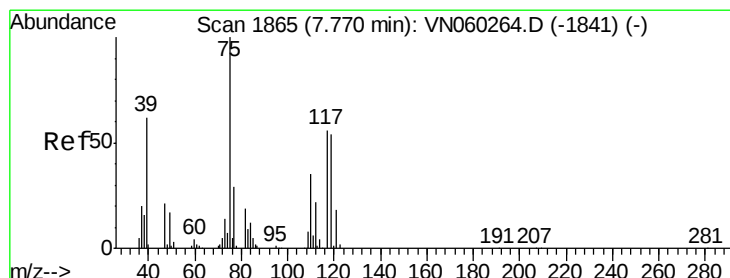
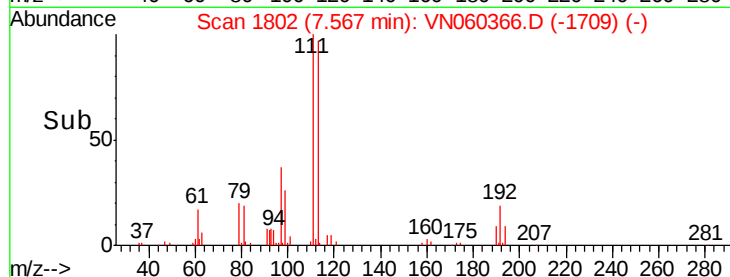
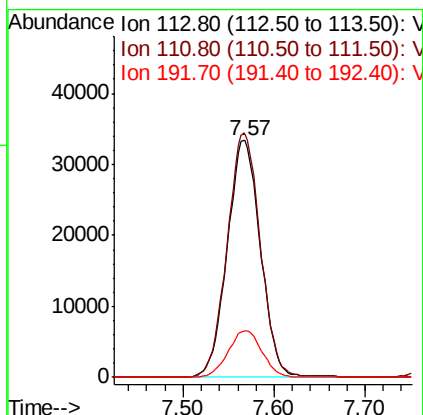
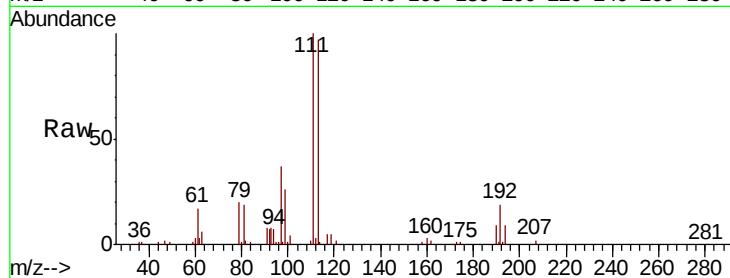




#35
 Dibromofluoromethane
 Concen: 57.405 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

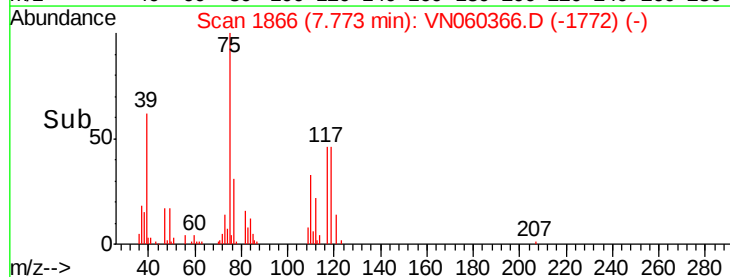
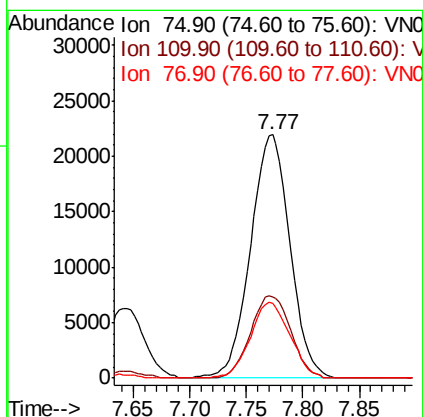
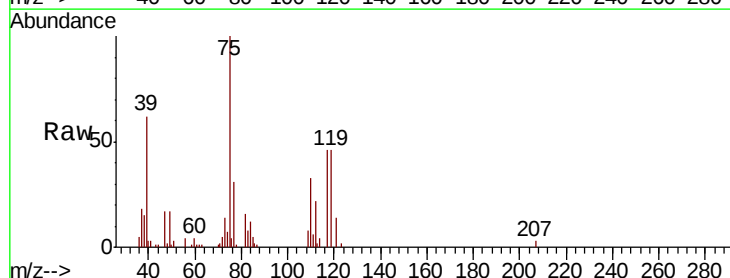
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	19.9	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 17.550 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.3	52.0
77	31.3	24.2	36.2

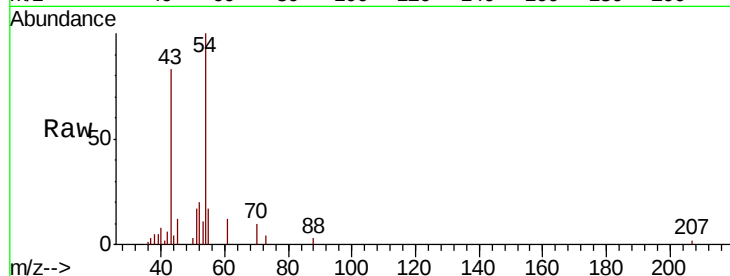




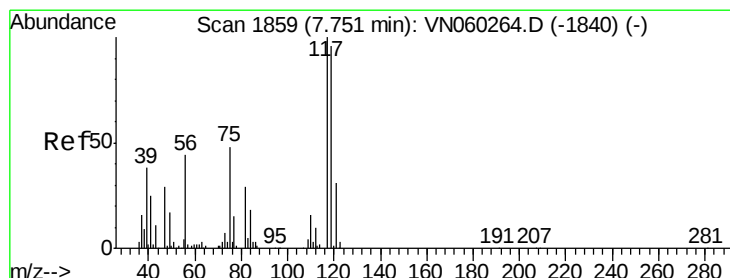
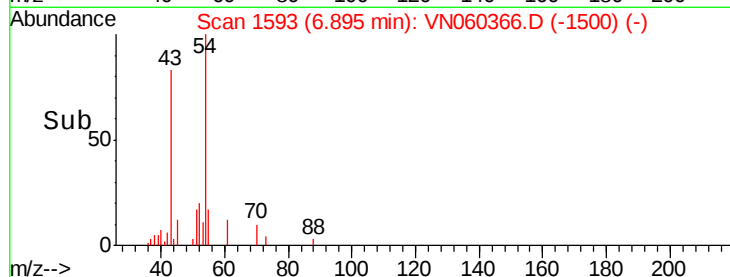
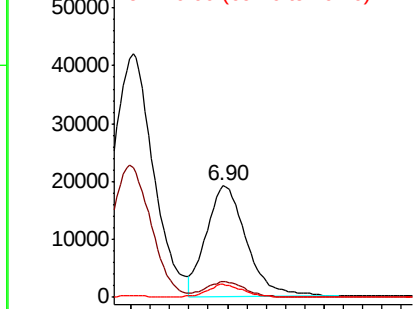
#37
Ethyl Acetate
Concen: 19.305 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0305WBSD01

Tot Ion: 43 Resp: 55383
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.3 8.4 12.6

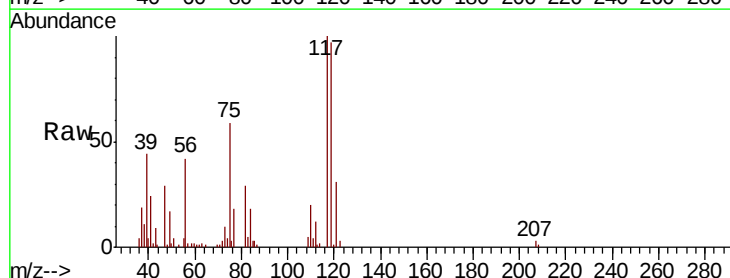


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

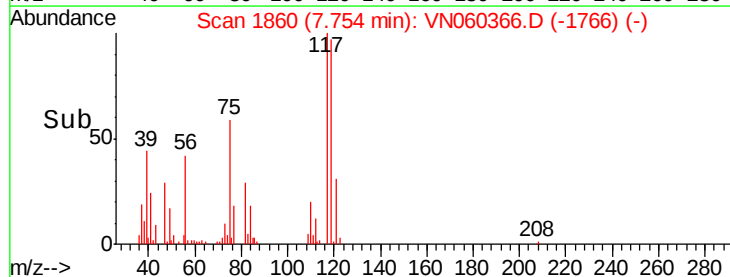
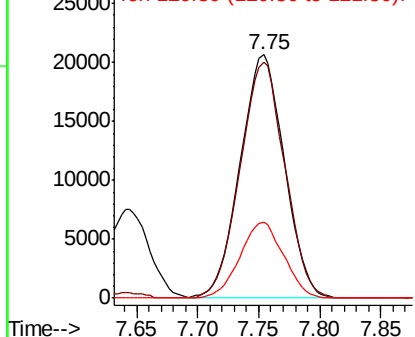


#38
Carbon Tetrachloride
Concen: 17.589 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 117 Resp: 51884
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1
121 31.4 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

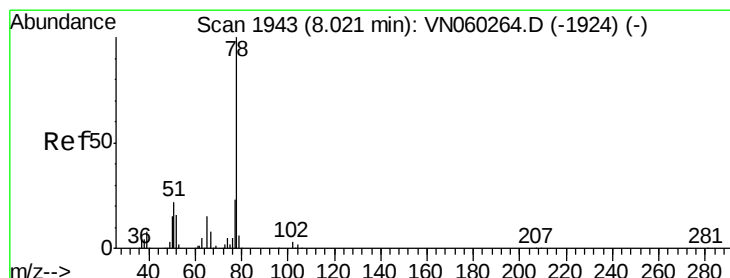
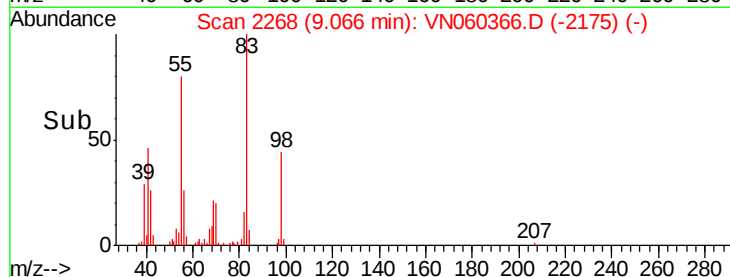
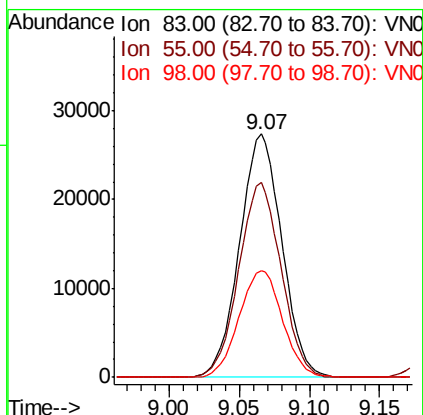
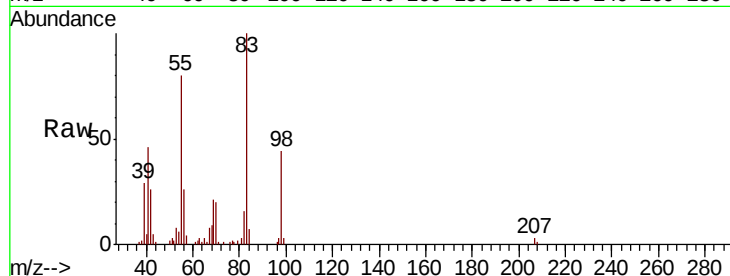




#39
Methvlcvclohexane
Concen: 16.051 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

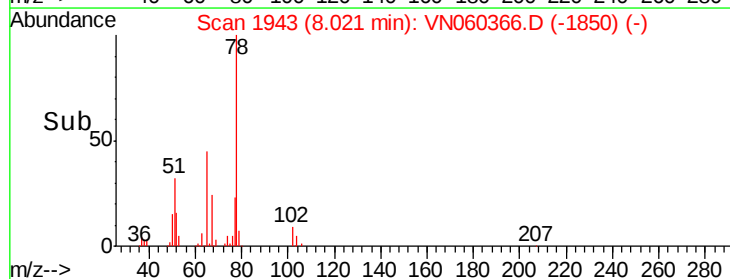
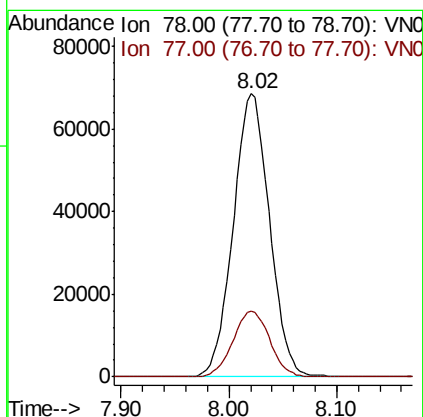
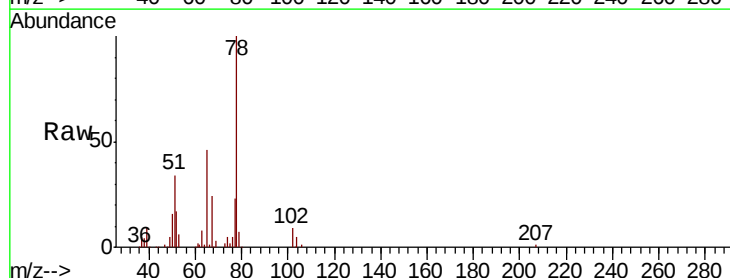
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

Tot Ion	83	Resp	57336
Ion Ratio	Lower	Upper	
83	100		
55	79.9	61.0	91.4
98	44.0	36.1	54.1



#40
Benzene
Concen: 18.185 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion	78	Resp	160357
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.8	28.2

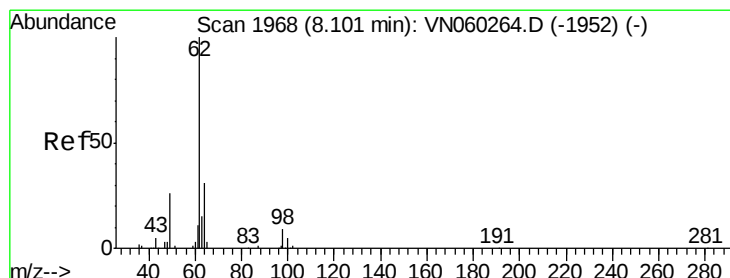
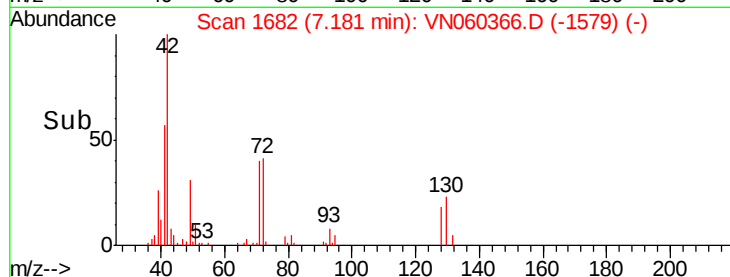
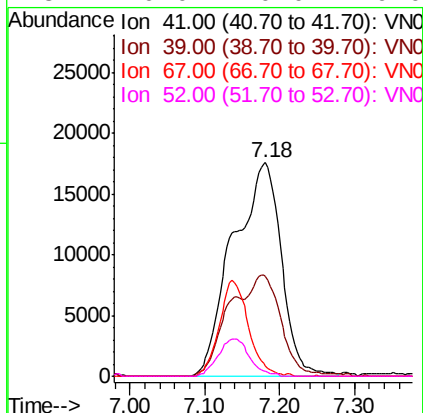
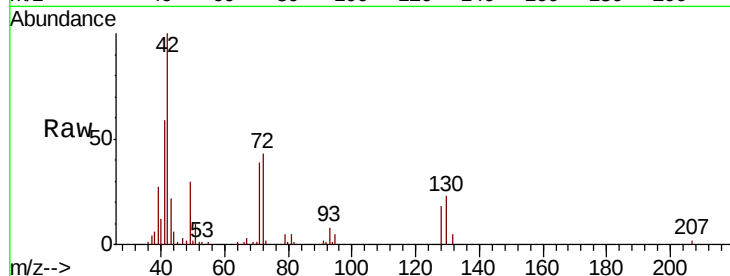




#41
Methacrylonitrile
Concen: 59.524 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

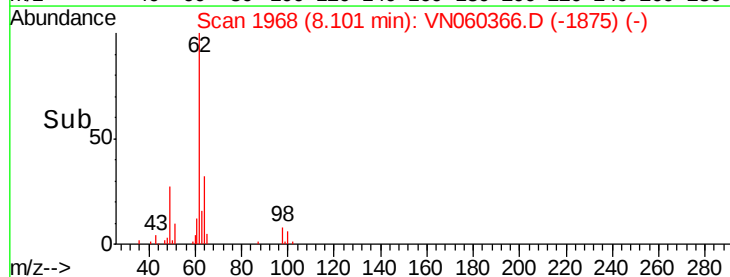
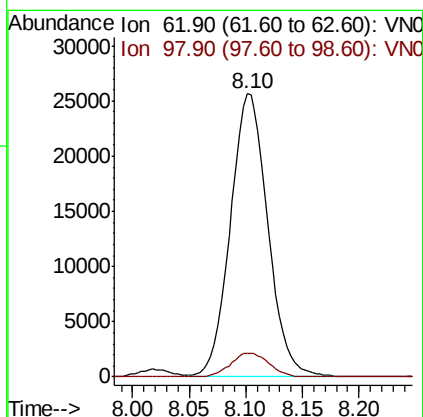
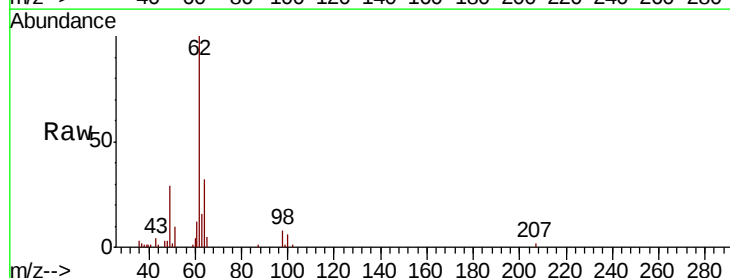
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

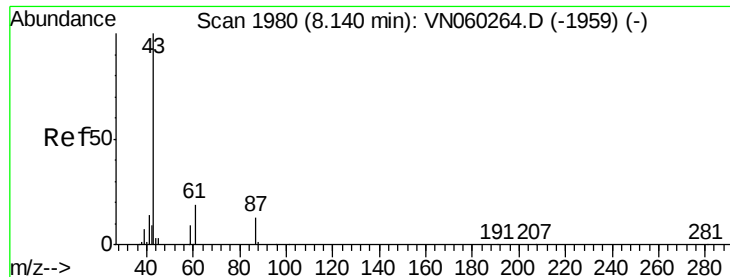
Tot Ion:	41	Resp:	78846
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.580 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion:	62	Resp:	59123
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 19.725 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

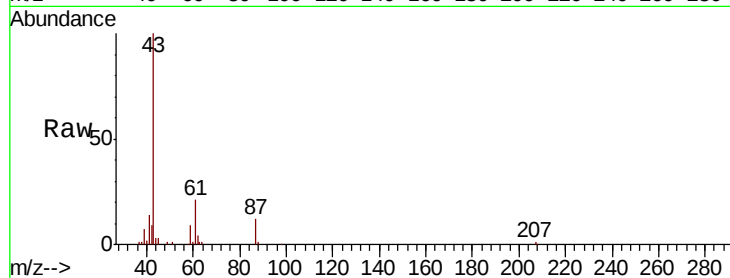
Tot Ion: 43 Resp: 99066

Ion Ratio Lower Upper

43 100

61 25.9 20.9 31.3

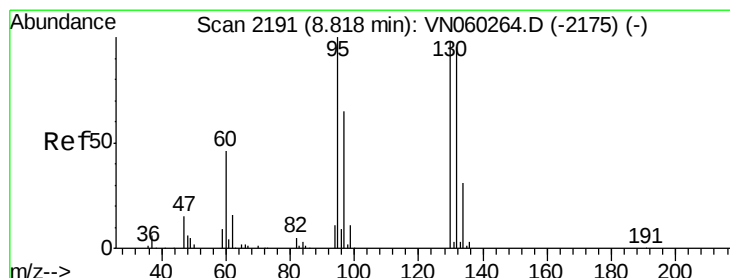
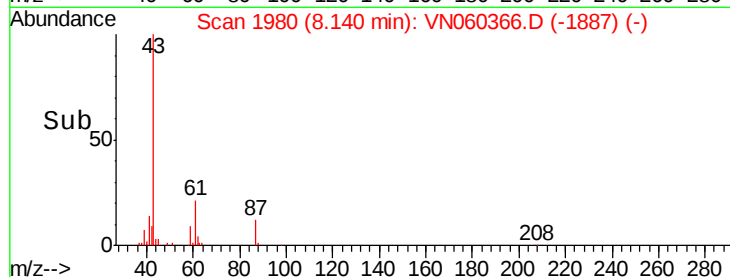
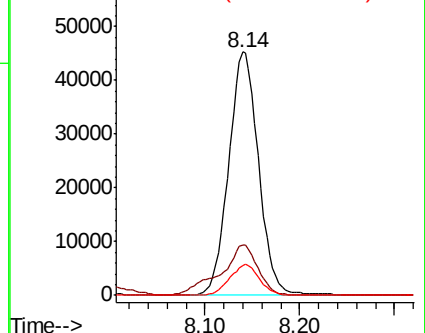
87 12.3 10.6 16.0



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

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

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



#44

Trichloroethene

Concen: 17.565 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060366.D

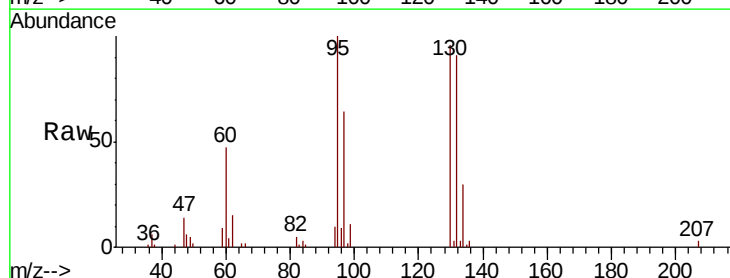
Acq: 5 Mar 2020 14:58

Tgt Ion: 130 Resp: 43138

Ion Ratio Lower Upper

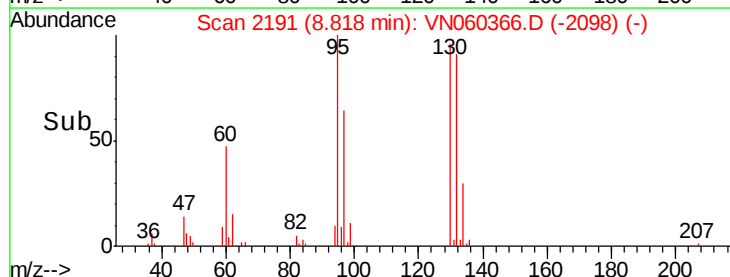
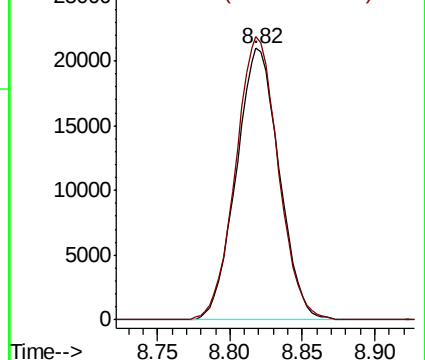
130 100

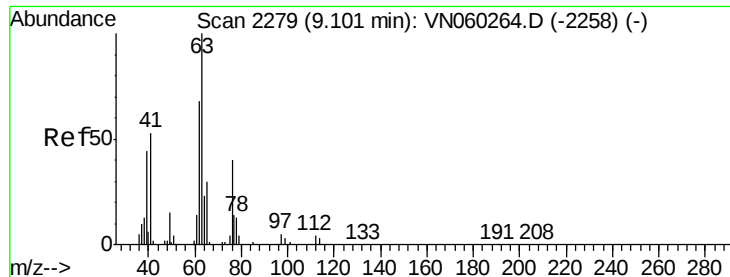
95 104.2 0.0 203.4



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

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





#45

1,2-Dichloropropane

Concen: 19.087 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

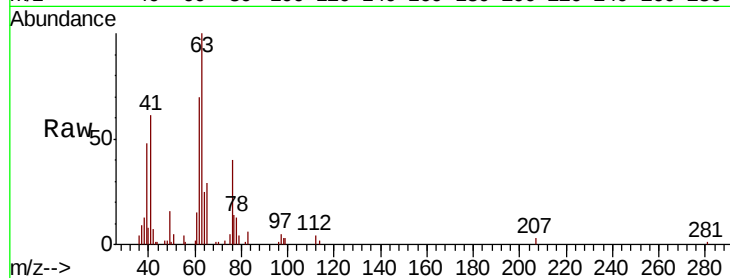
VN0305WBSD01

Tot Ion: 63 Resp: 44007

Ion Ratio Lower Upper

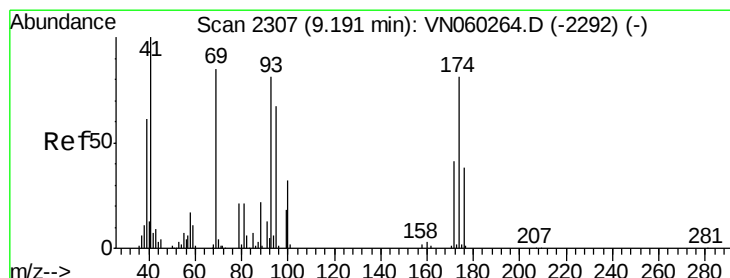
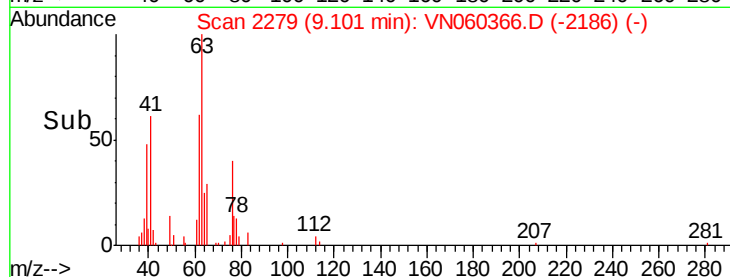
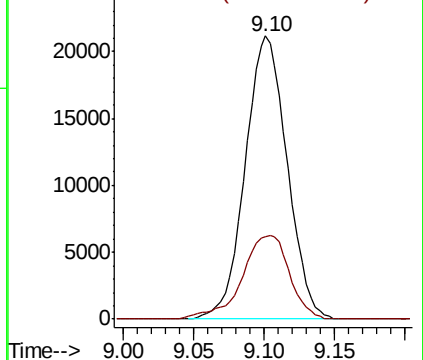
63 100

65 29.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.292 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

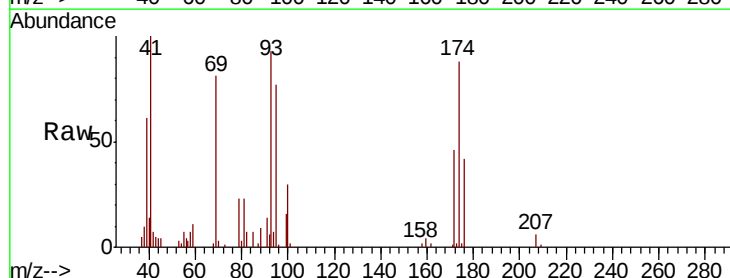
Tgt Ion: 93 Resp: 27364

Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

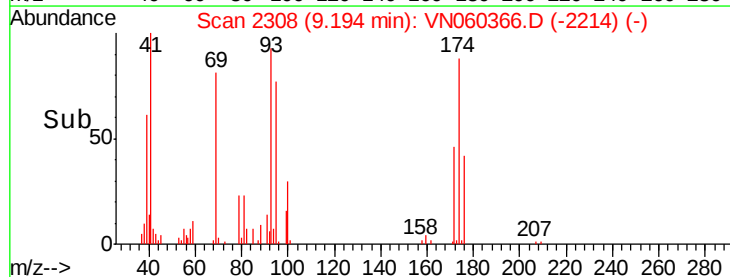
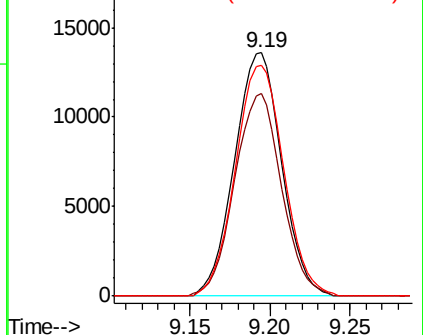
174 97.2 79.6 119.4

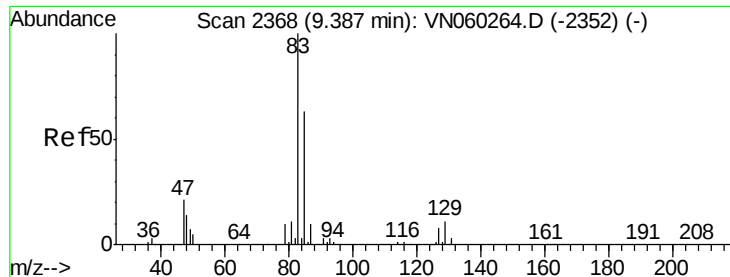


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

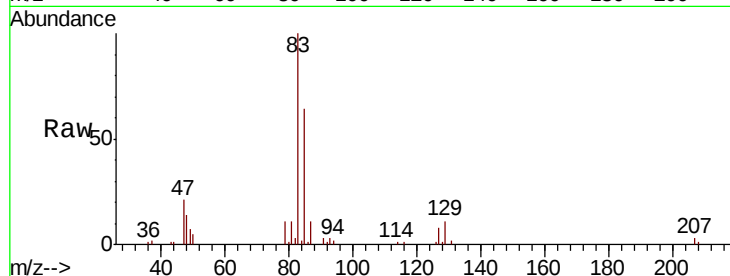




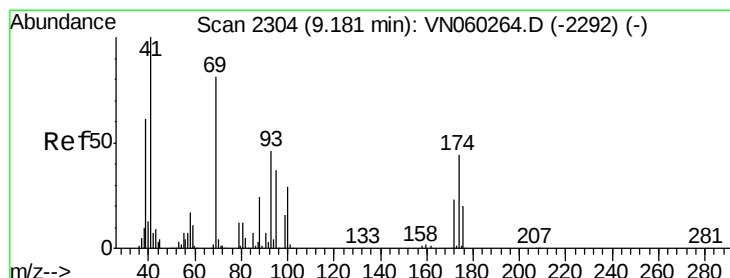
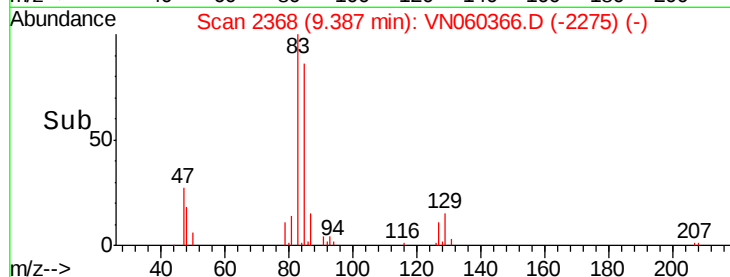
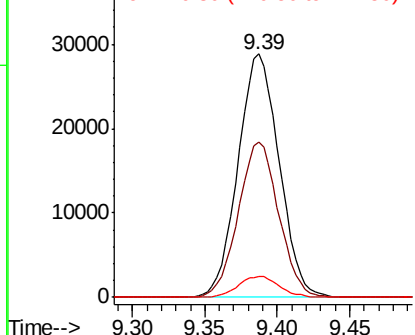
#47
Bromodichloromethane
Concen: 18.709 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

Tot Ion: 83 Resp: 56923
Ion Ratio Lower Upper
83 100
85 63.7 50.7 76.1
127 8.4 6.8 10.2

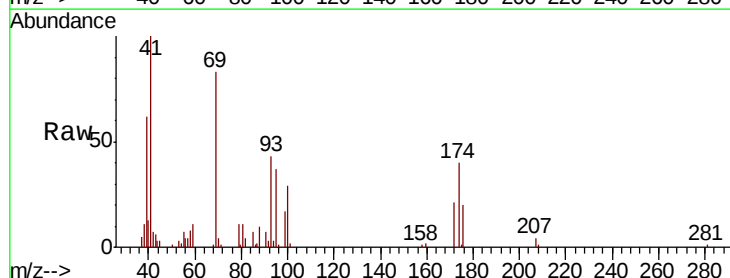


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

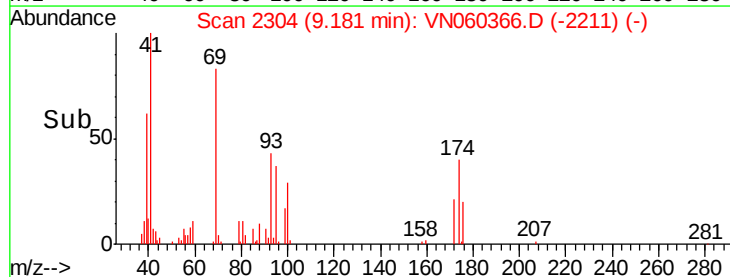
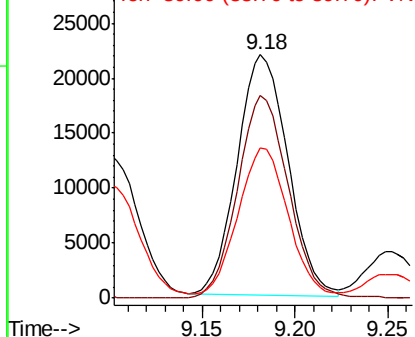


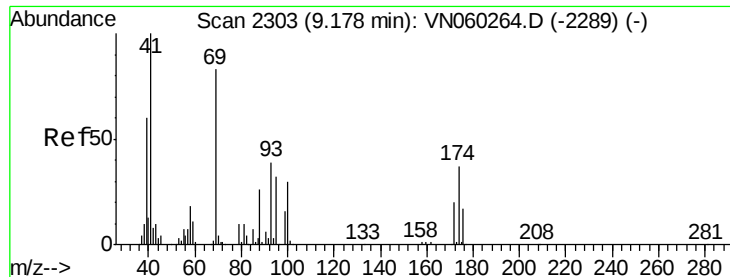
#48
Methyl methacrylate
Concen: 18.112 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 41 Resp: 41481
Ion Ratio Lower Upper
41 100
69 84.2 66.7 100.1
39 63.0 50.1 75.1



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

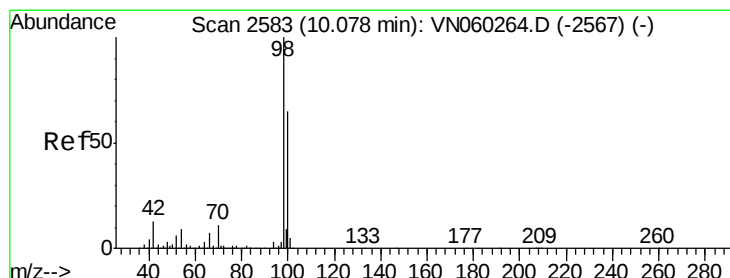
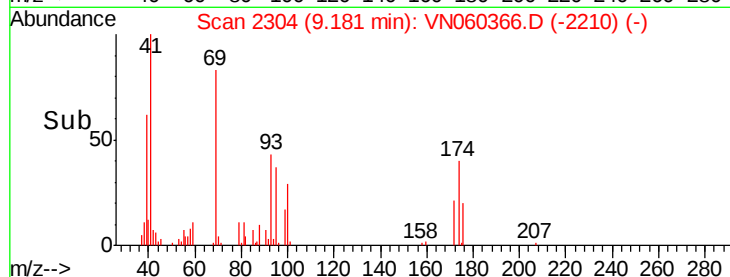
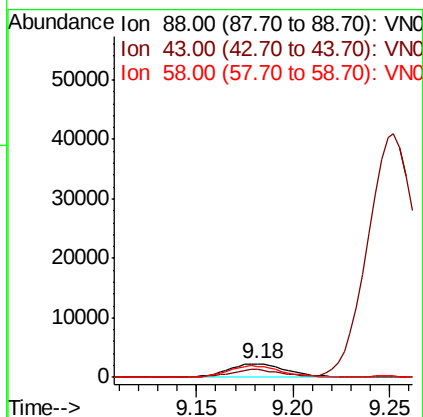
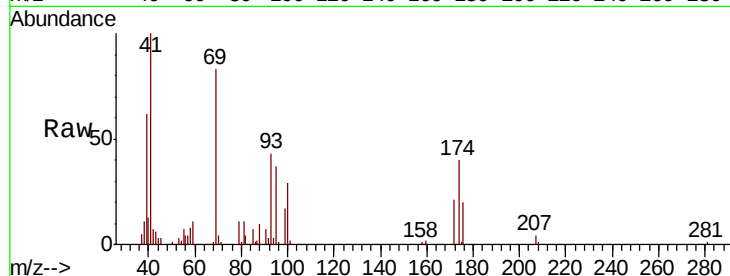




#49
1,4-Dioxane
Concen: 147.764 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

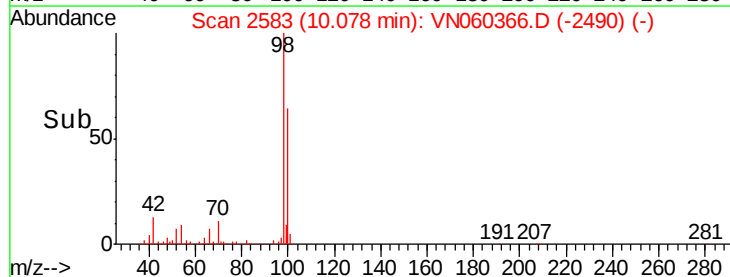
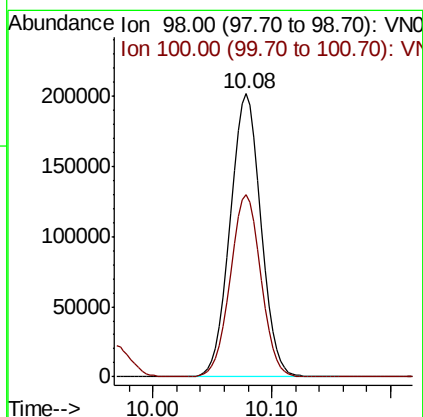
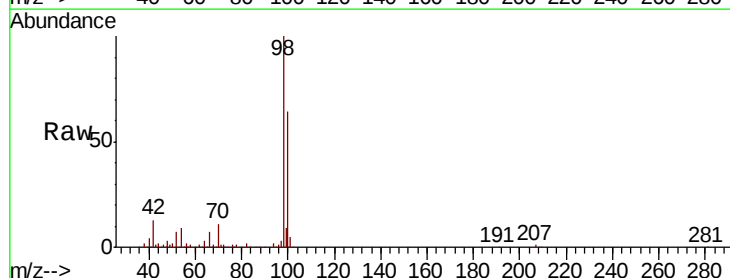
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

Tot Ion: 88 Resp: 4759
Ion Ratio Lower Upper
88 100
43 52.2 30.4 45.6#
58 76.1 57.0 85.6



#50
Toluene-d8
Concen: 48.314 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 98 Resp: 360811
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 97.390 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

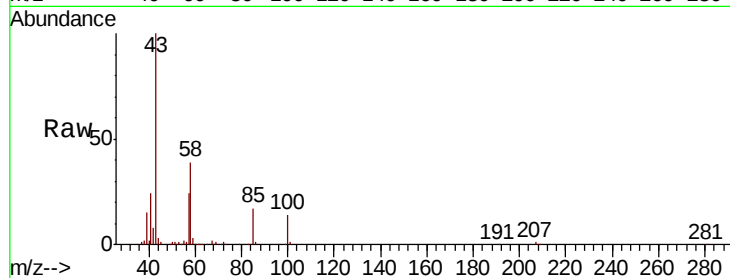
VN0305WBSD01

Tot Ion: 43 Resp: 277322

Ion Ratio Lower Upper

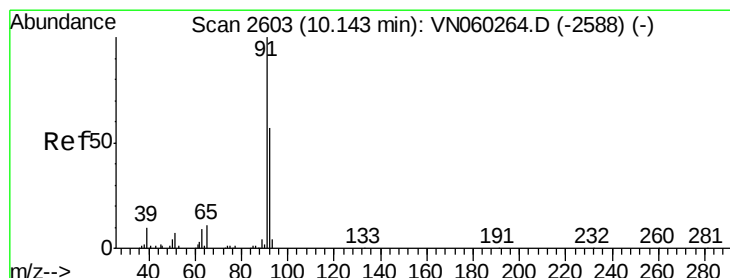
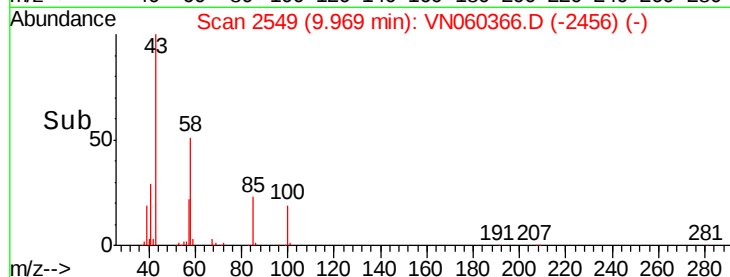
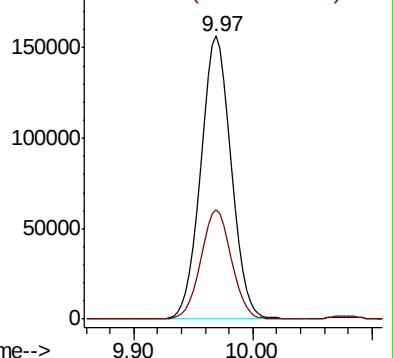
43 100

58 38.8 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.116 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060366.D

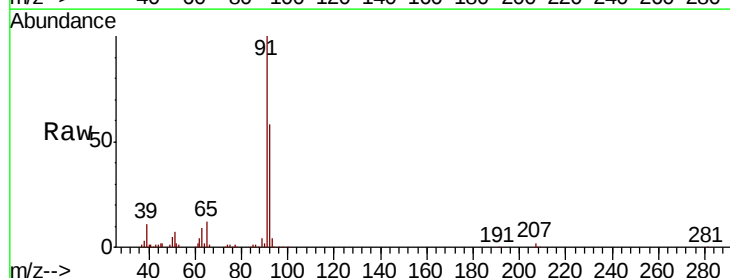
Acq: 5 Mar 2020 14:58

Tgt Ion: 92 Resp: 100348

Ion Ratio Lower Upper

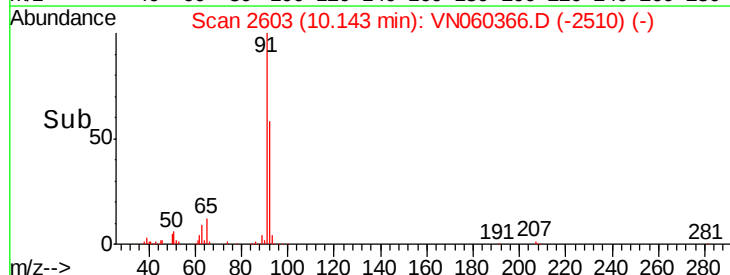
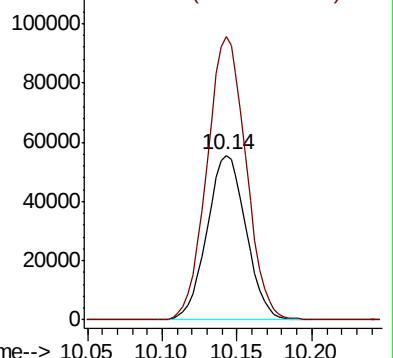
92 100

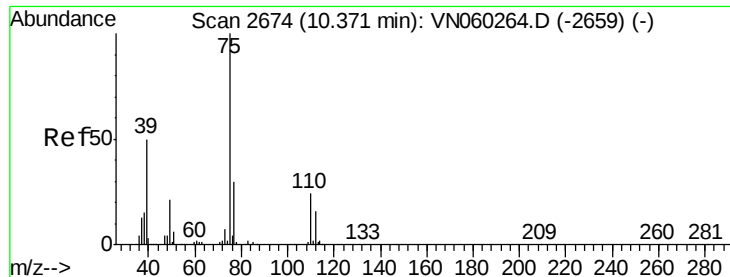
91 172.8 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.655 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

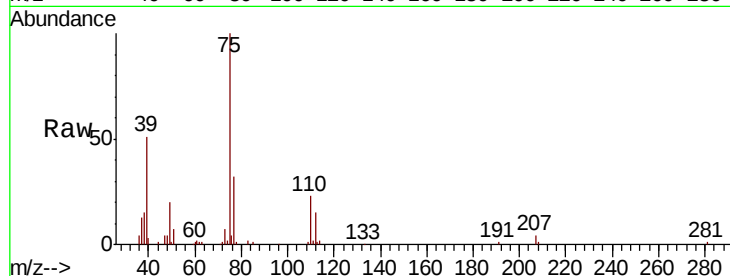
VN0305WBSD01

Tot Ion: 75 Resp: 65821

Ion Ratio Lower Upper

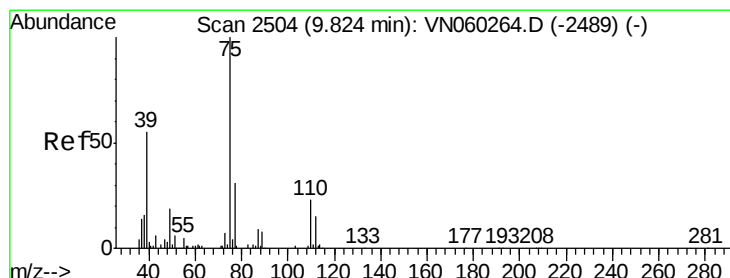
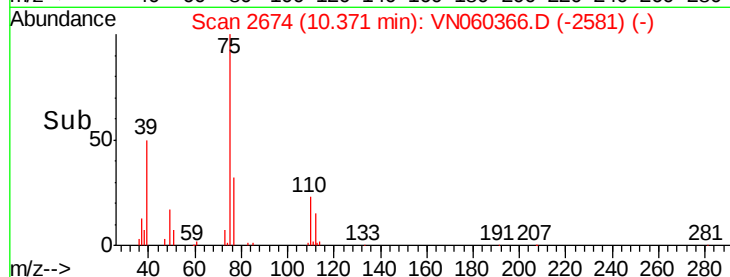
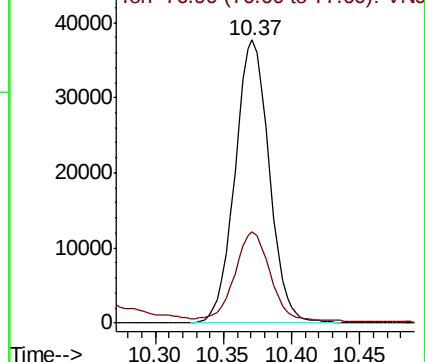
75 100

77 31.3 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.245 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

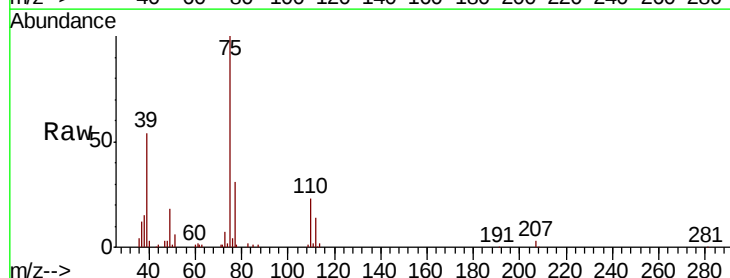
Tgt Ion: 75 Resp: 70482

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

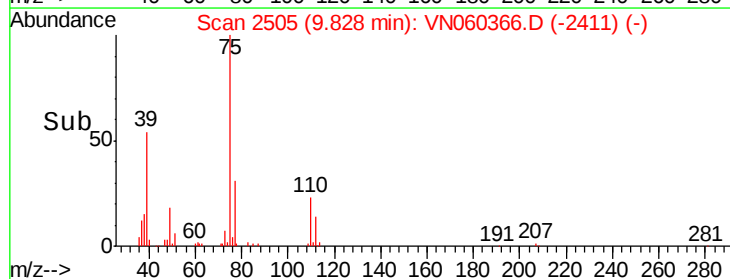
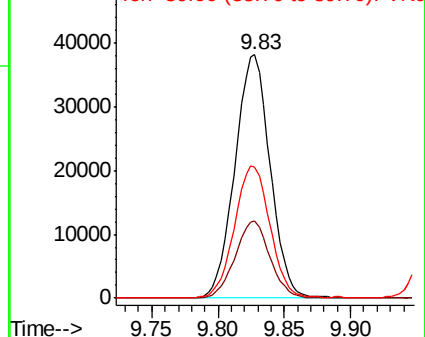
39 54.0 43.8 65.8

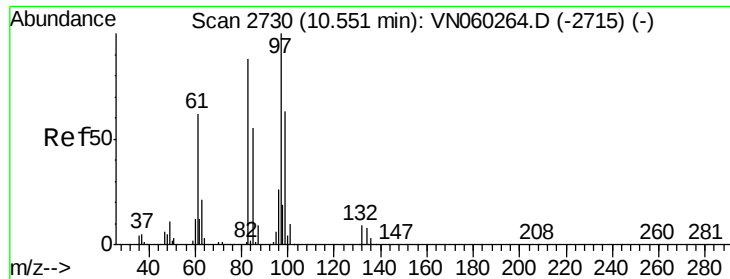


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 18.495 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

Tot Ion: 97 Resp: 41198

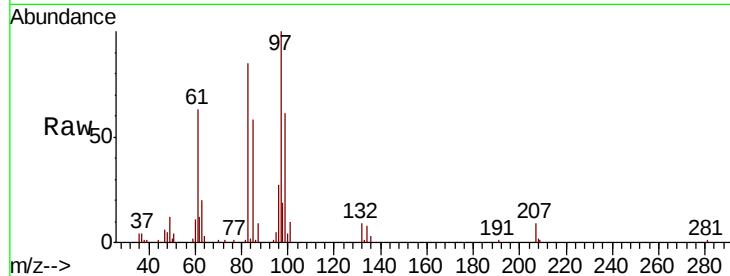
Ion Ratio Lower Upper

97 100

83 85.4 70.0 105.0

85 57.5 44.0 66.0

99 60.7 50.4 75.6

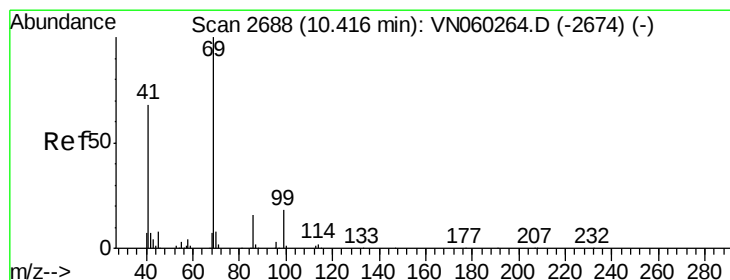
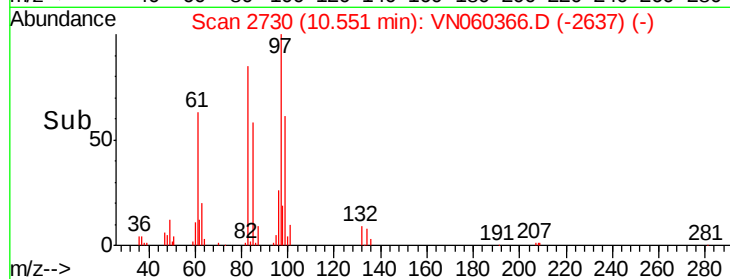
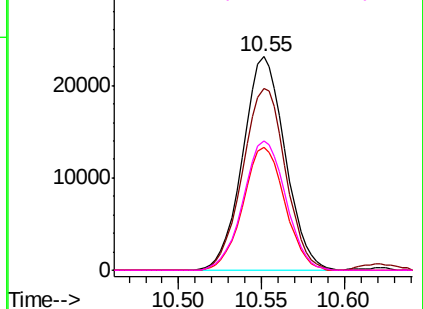


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.530 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

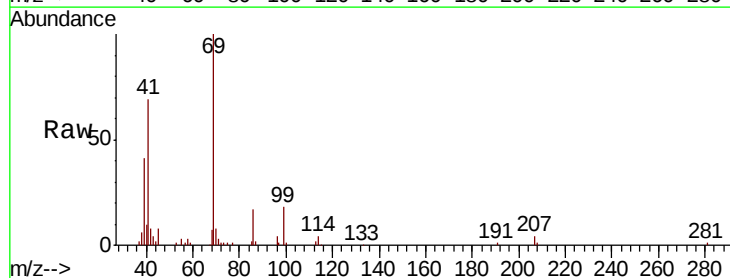
Tgt Ion: 69 Resp: 59300

Ion Ratio Lower Upper

69 100

41 70.7 54.1 81.1

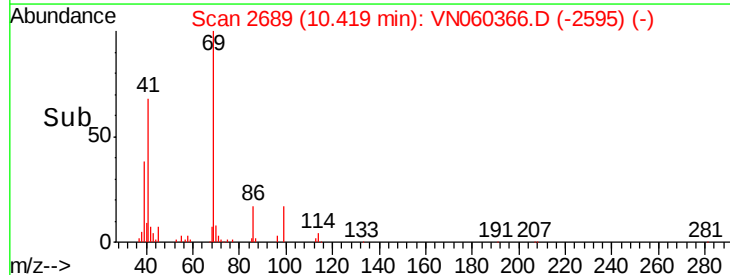
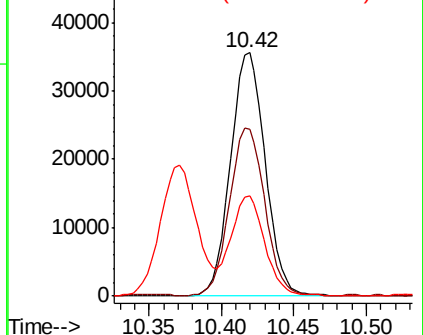
39 40.3 32.5 48.7



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: 19.082 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

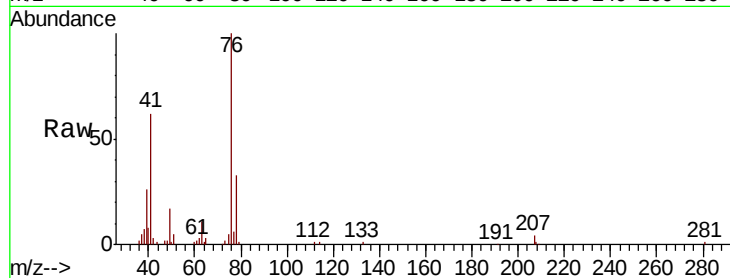
VN0305WBSD01

Tot Ion: 76 Resp: 69322

Ion Ratio Lower Upper

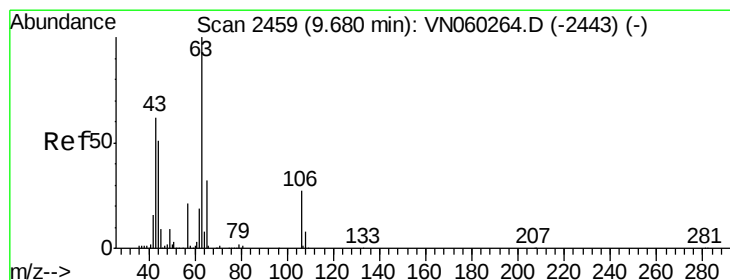
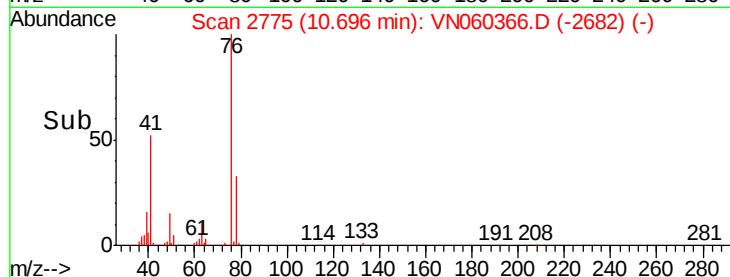
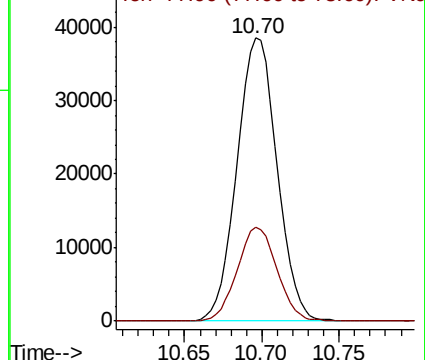
76 100

78 32.9 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 92.220 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060366.D

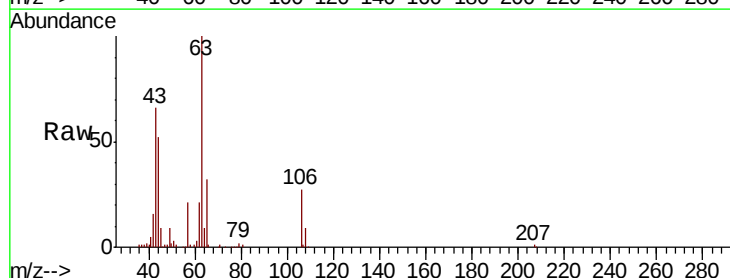
Acq: 5 Mar 2020 14:58

Tgt Ion: 63 Resp: 154354

Ion Ratio Lower Upper

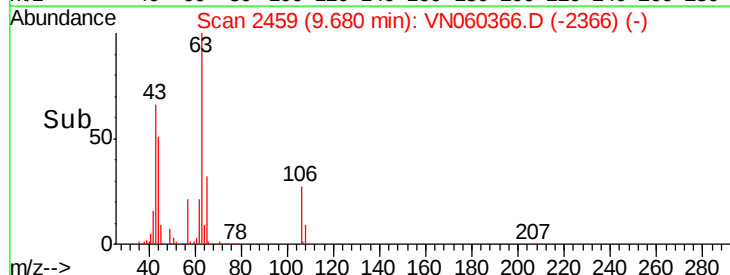
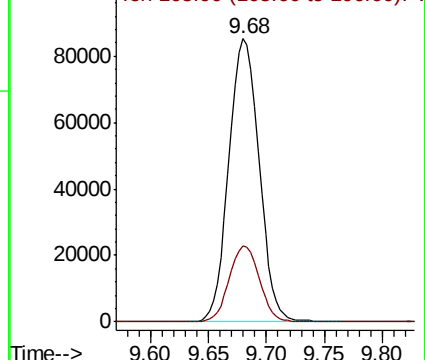
63 100

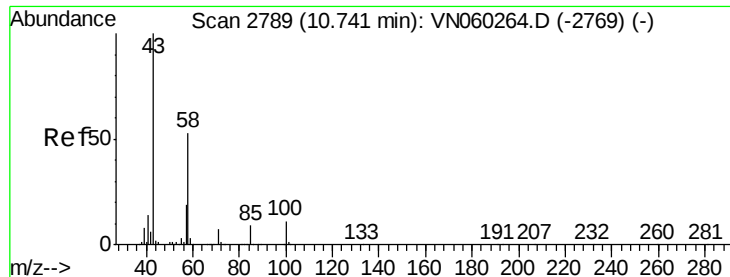
106 26.6 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

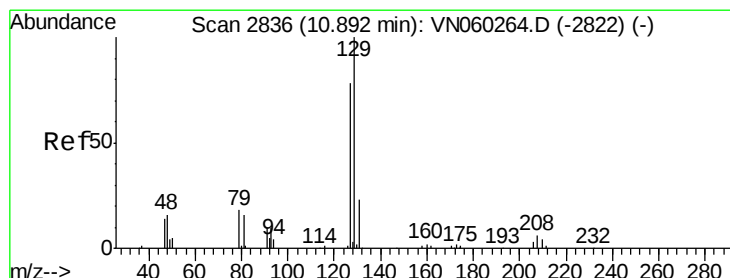
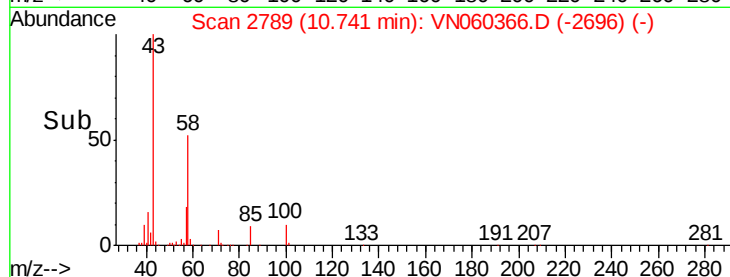
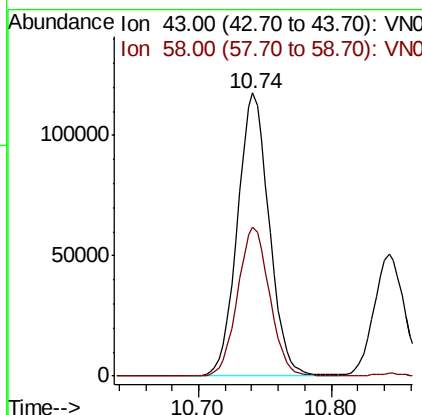
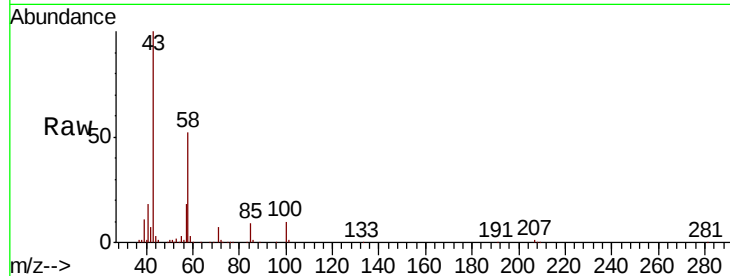




#59
2-Hexanone
Concen: 93.645 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

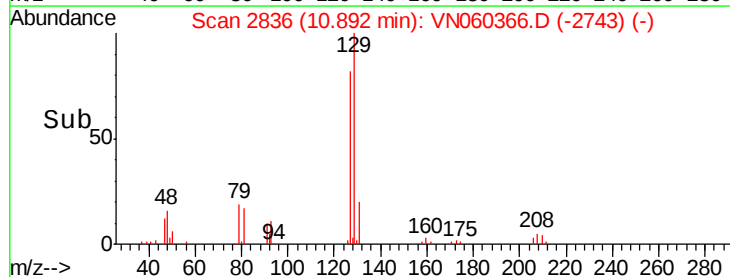
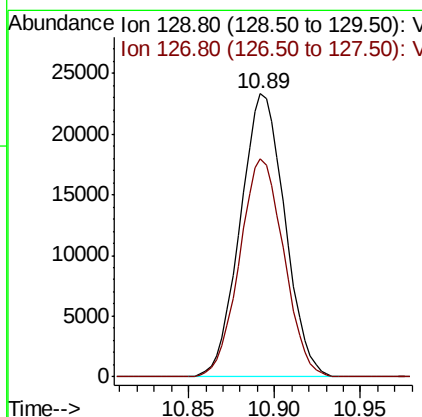
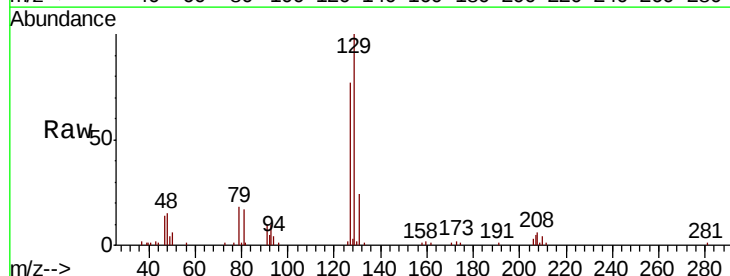
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

Tot Ion: 43 Resp: 195787
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5



#60
Dibromochloromethane
Concen: 18.520 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 129 Resp: 41954
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7

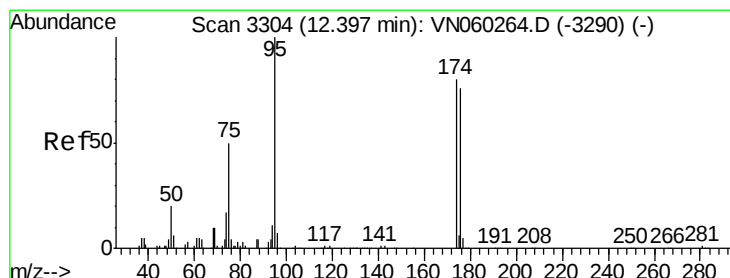
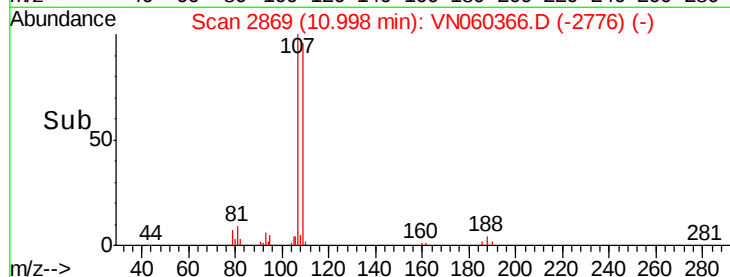
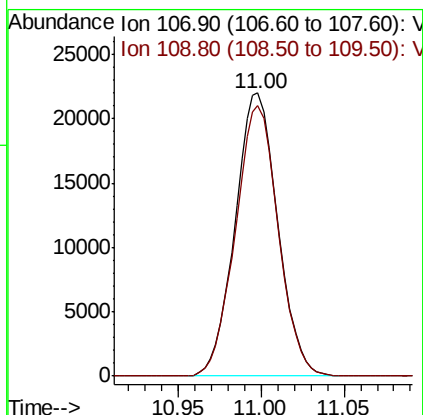
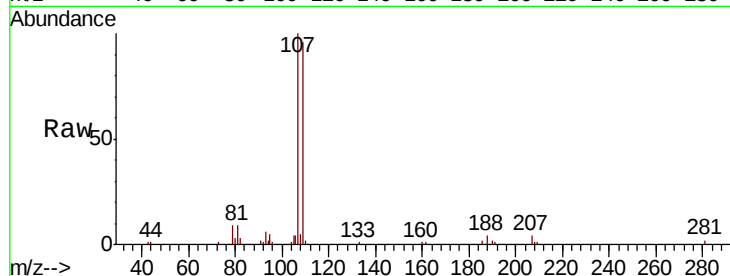




#61
 1,2-Dibromoethane
 Concen: 18.041 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

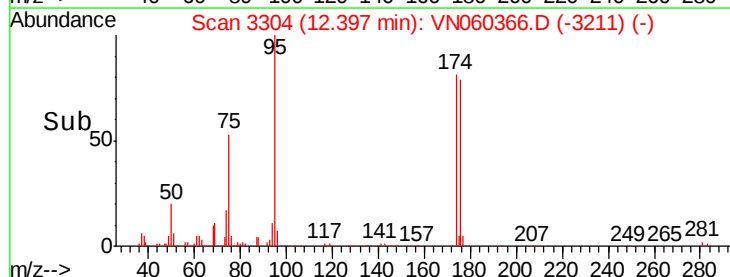
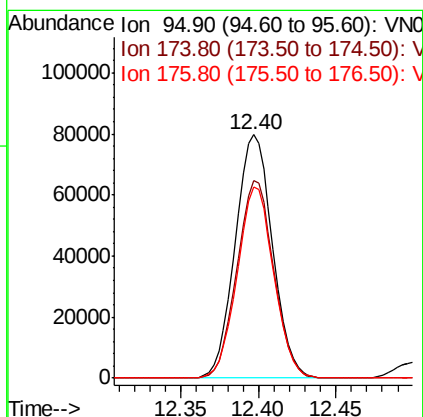
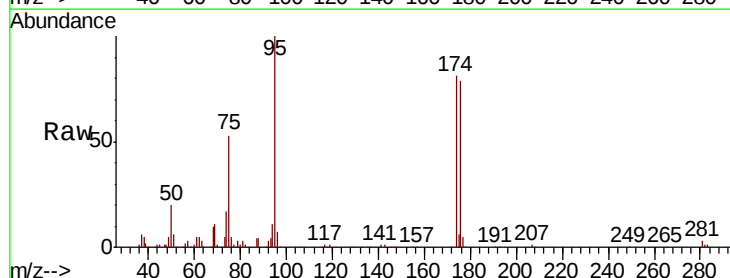
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBSD01

Tot Ion: 107 Resp: 39176
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 47.062 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

Tgt Ion: 95 Resp: 133230
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 159.2
 176 77.2 0.0 153.8

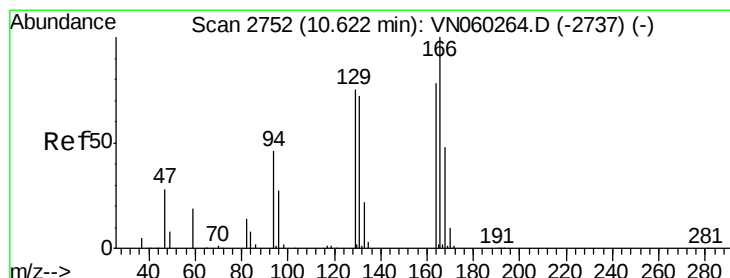
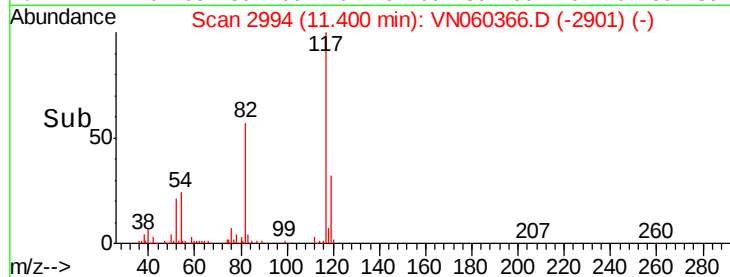
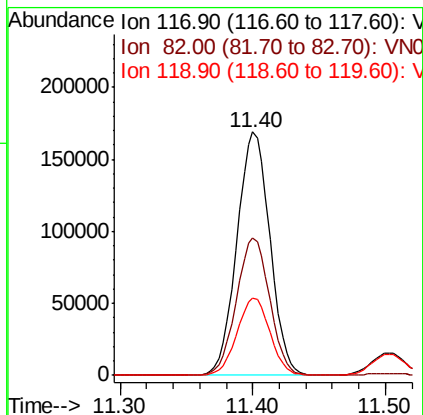
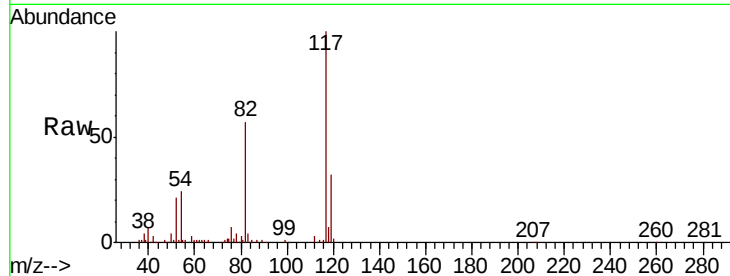




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

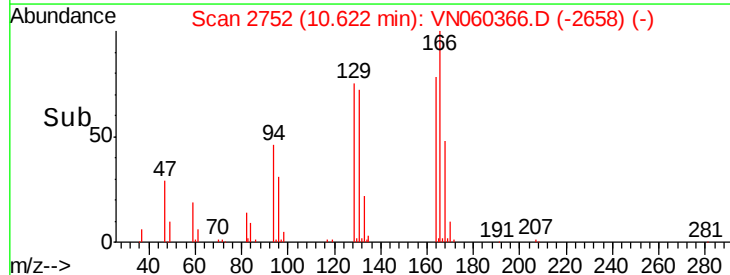
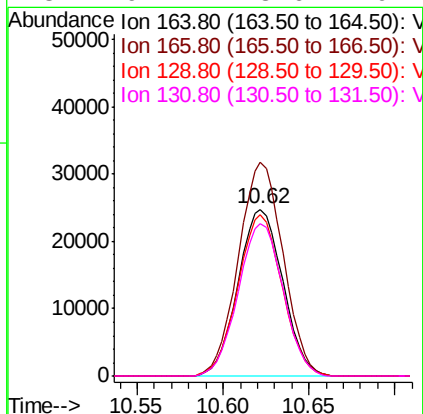
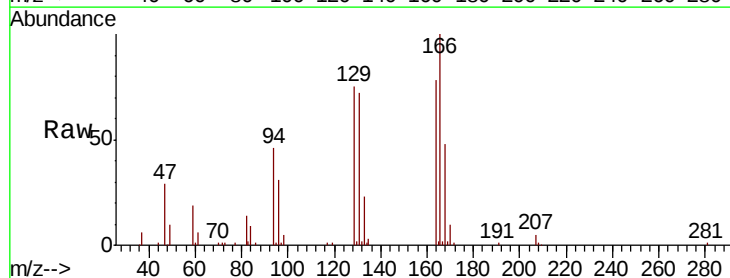
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

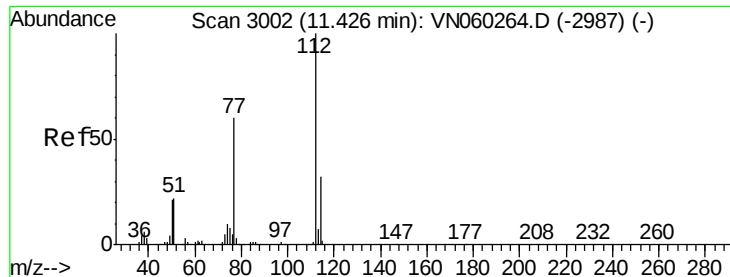
Tot Ion:117 Resp: 292726
Ion Ratio Lower Upper
117 100
82 56.7 45.8 68.6
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 18.530 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion:164 Resp: 44760
Ion Ratio Lower Upper
164 100
166 128.2 102.0 153.0
129 96.5 76.4 114.6
131 91.7 73.6 110.4

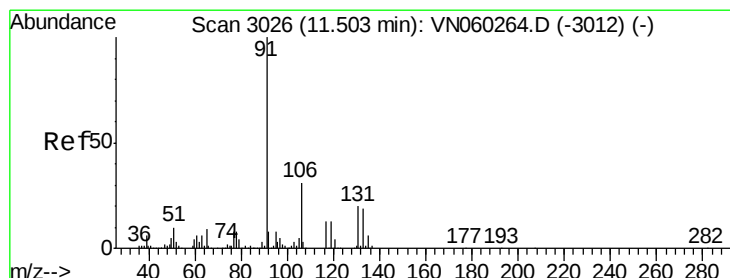
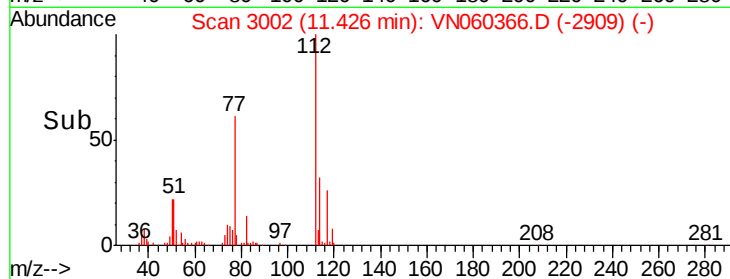
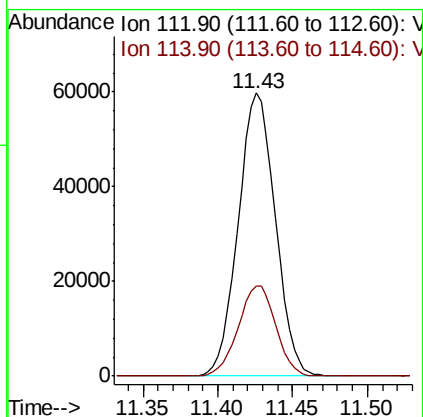
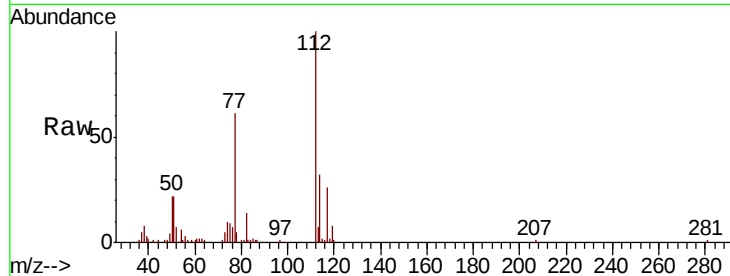




#65
Chlorobenzene
Concen: 17.460 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

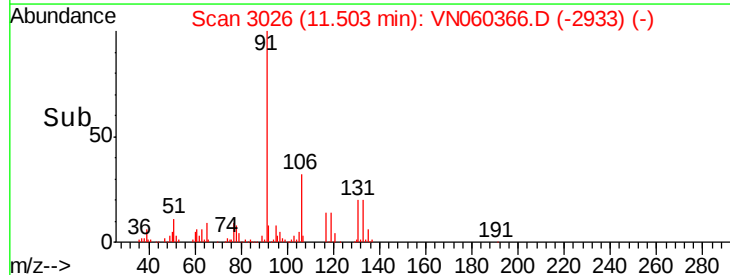
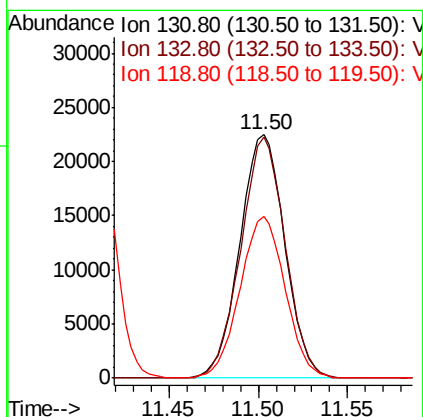
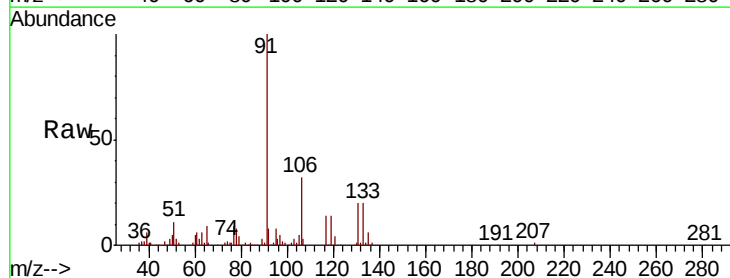
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

Tot Ion:112 Resp: 103203
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.136 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion:131 Resp: 39636
Ion Ratio Lower Upper
131 100
133 98.0 47.7 143.1
119 66.8 33.2 99.6





#67

Ethyl Benzene

Concen: 17.625 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

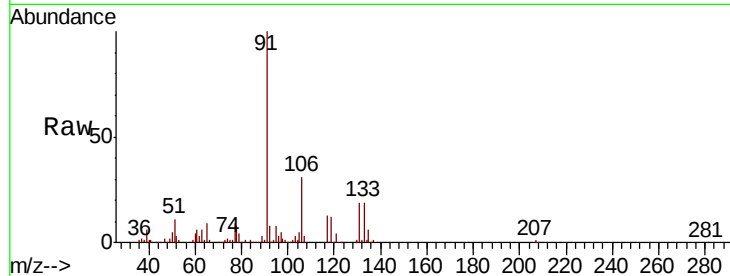
VN0305WBSD01

Tot Ion: 91 Resp: 189718

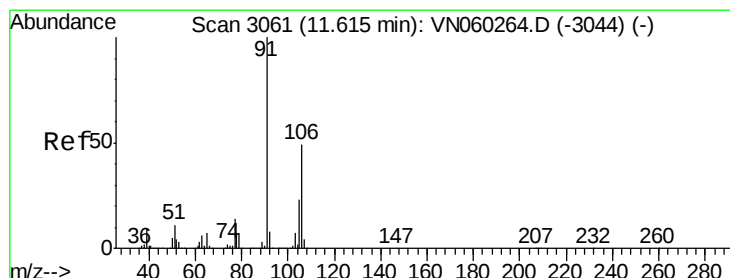
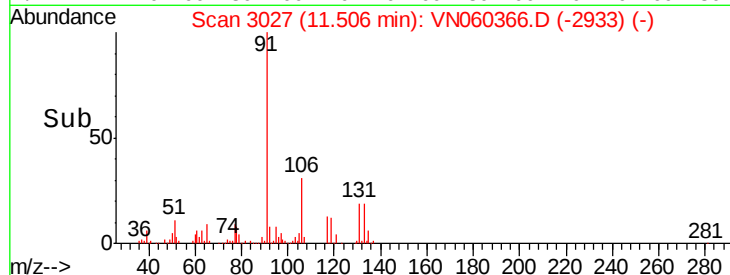
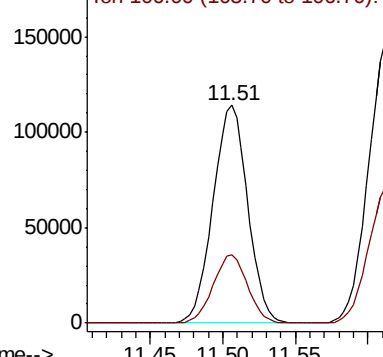
Ion Ratio Lower Upper

91 100

106 31.3 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN060366.D (-2933) (-)



#68

m/p-Xylenes

Concen: 34.909 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060366.D

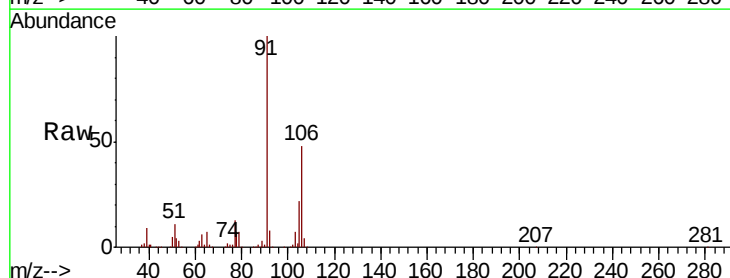
Acq: 5 Mar 2020 14:58

Tgt Ion: 106 Resp: 141773

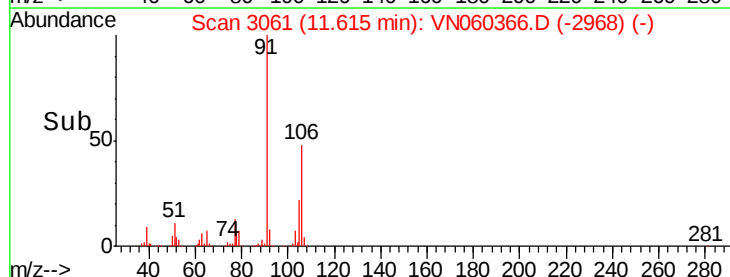
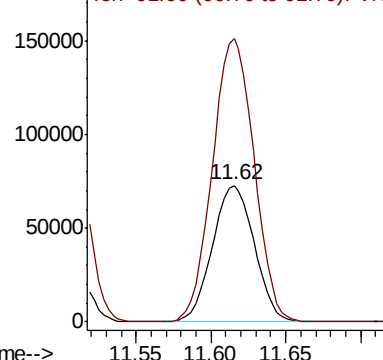
Ion Ratio Lower Upper

106 100

91 206.6 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VN060366.D (-2968) (-)

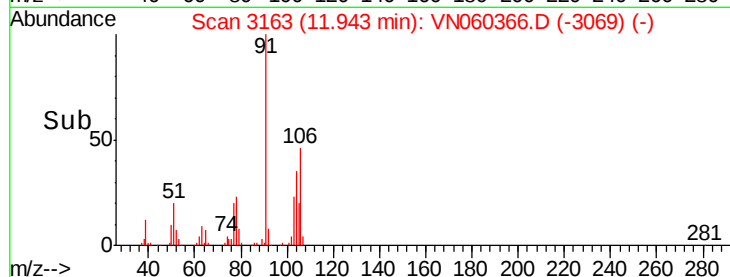
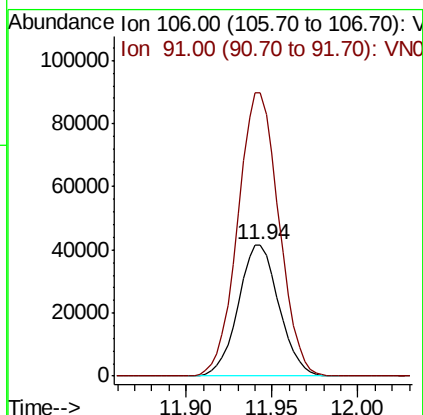
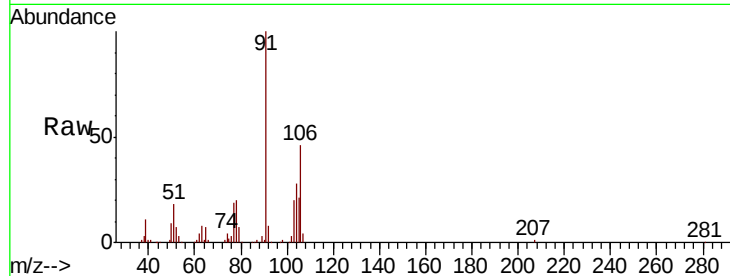




#69
o-Xylene
Concen: 17.670 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

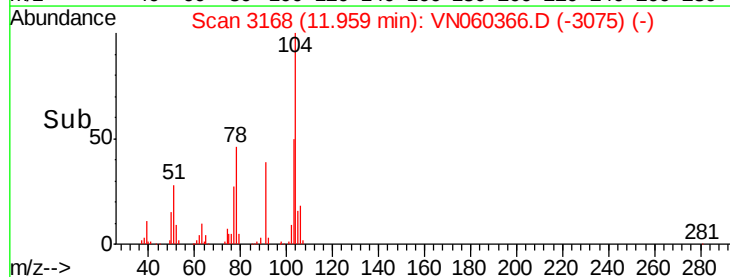
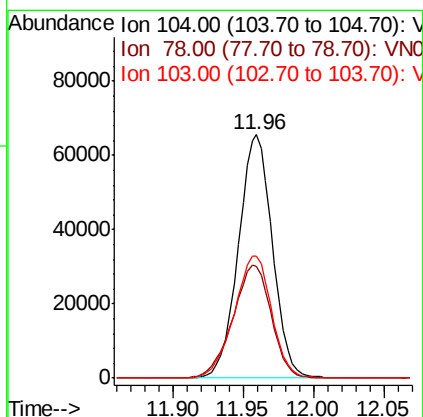
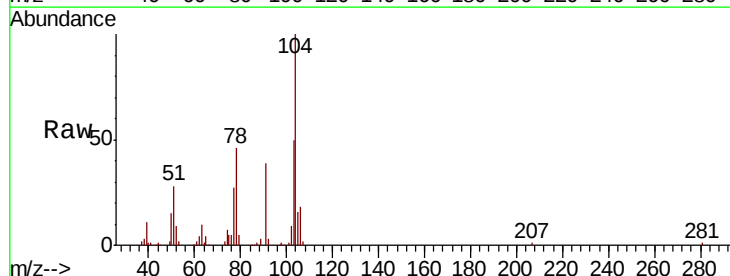
Instrument :
MSVOA_N
ClientSampled :
VN0305WBSD01

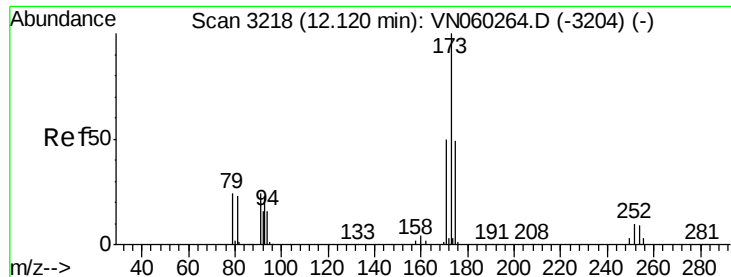
Tot Ion:106 Resp: 68433
Ion Ratio Lower Upper
106 100
91 218.3 109.5 328.4



#70
Styrene
Concen: 17.372 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion:104 Resp: 110612
Ion Ratio Lower Upper
104 100
78 52.4 41.2 61.8
103 55.3 43.9 65.9





#71

Bromoform

Concen: 18.117 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

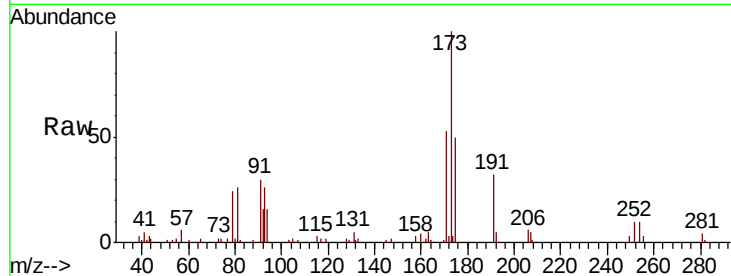
Tot Ion:173 Resp: 28537

Ion Ratio Lower Upper

173 100

175 52.6 24.1 72.2

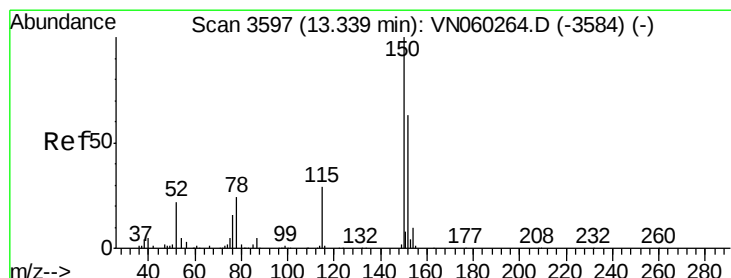
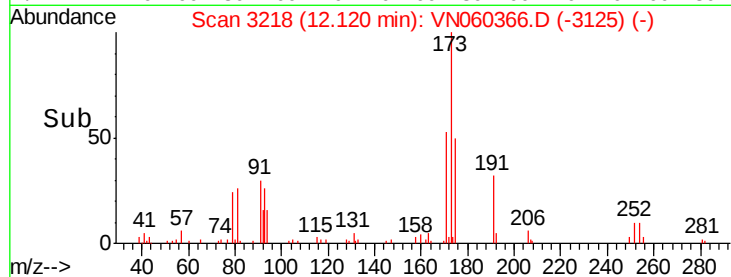
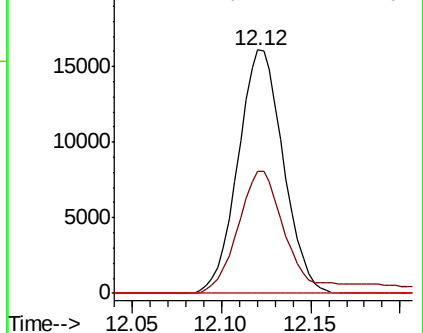
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

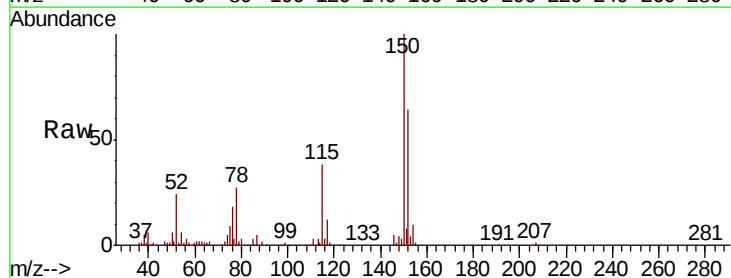
Tgt Ion:152 Resp: 137773

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

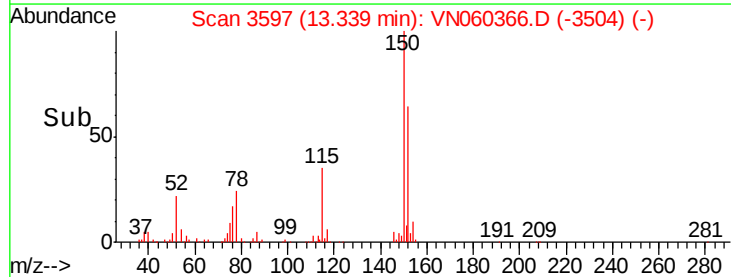
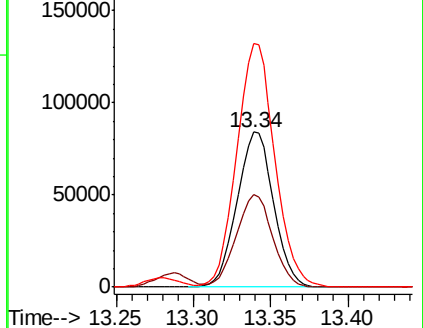
150 163.7 0.0 349.6

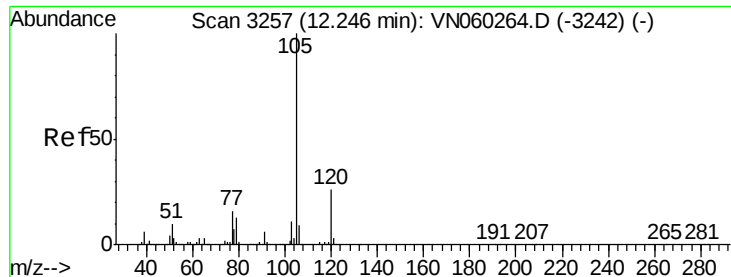


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.302 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

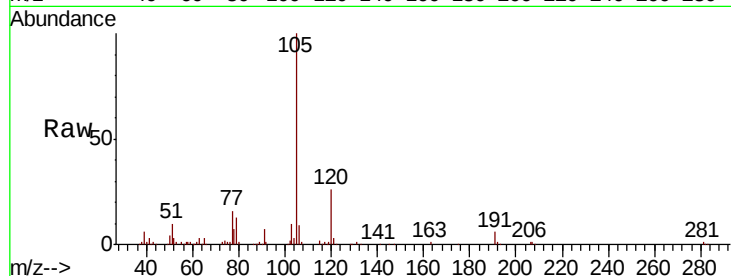
VN0305WBSD01

Tot Ion:105 Resp: 186890

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

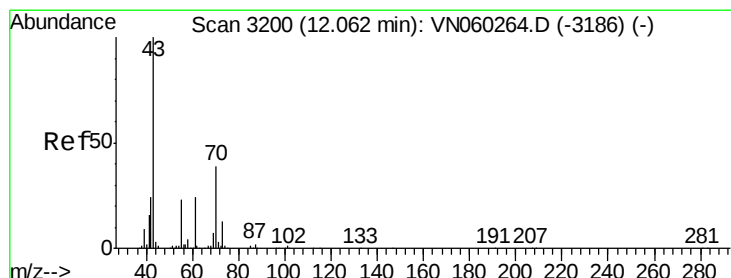
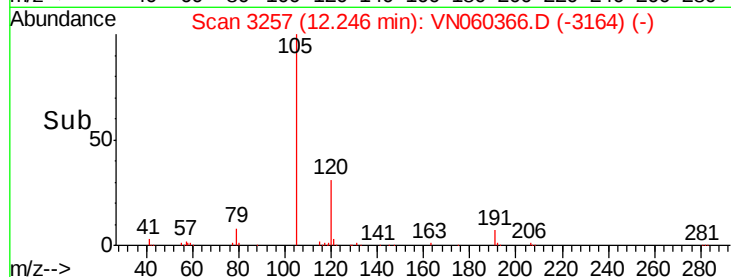
40000

20000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 18.350 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Tgt Ion: 43 Resp: 81880

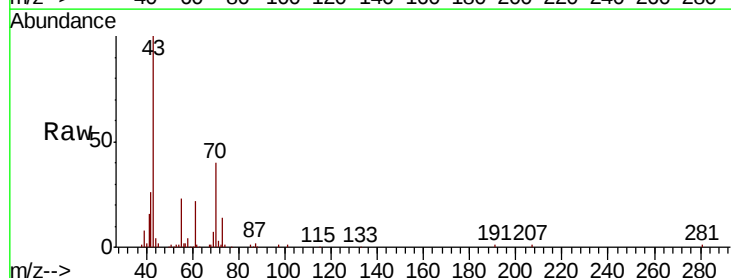
Ion Ratio Lower Upper

43 100

70 39.2 32.2 48.2

55 23.7 18.2 27.4

61 22.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

80000

60000

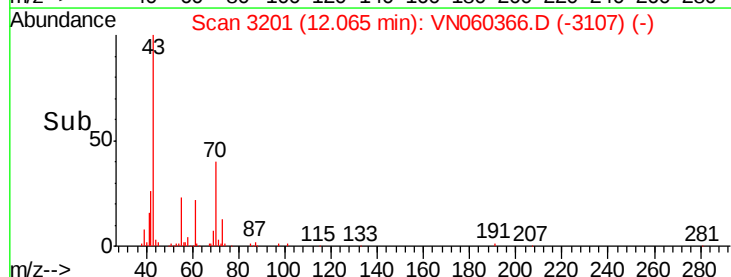
40000

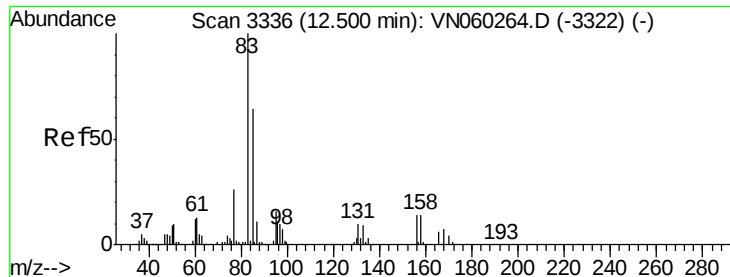
20000

0

12.00 12.05 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.939 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

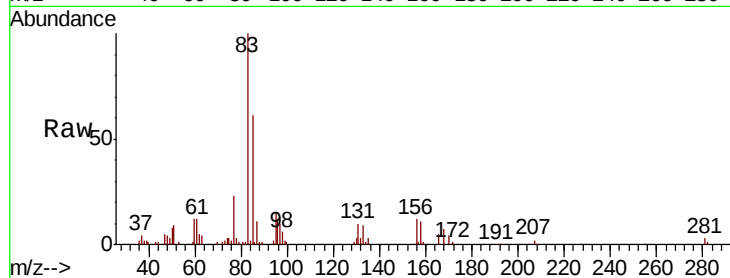
Tot Ion: 83 Resp: 55346

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

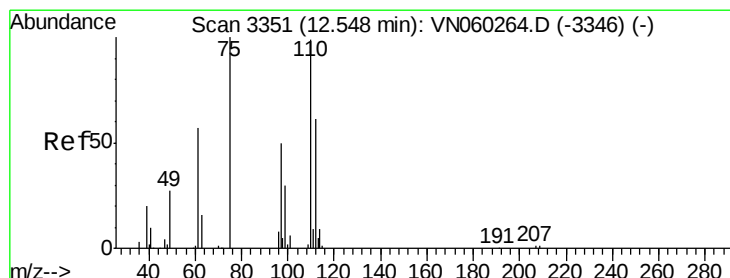
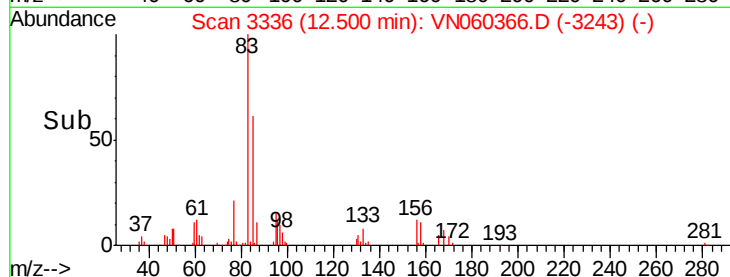
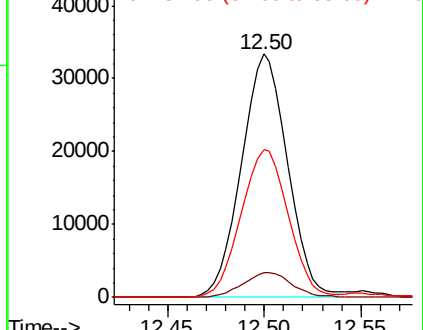
85 62.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060366.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060366.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060366.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 25.189 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN060366.D

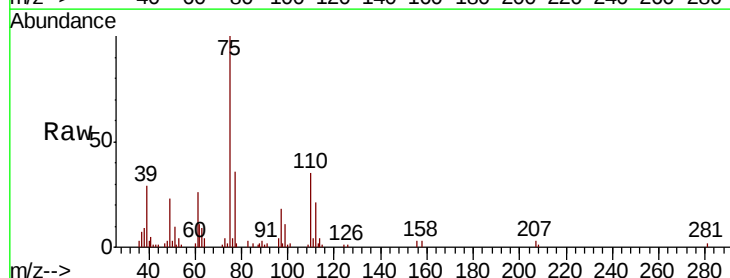
Acq: 5 Mar 2020 14:58

Tgt Ion: 75 Resp: 76139

Ion Ratio Lower Upper

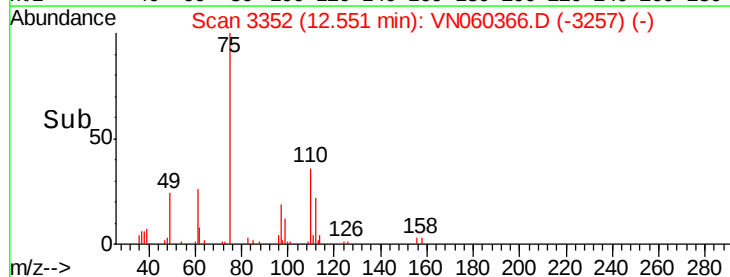
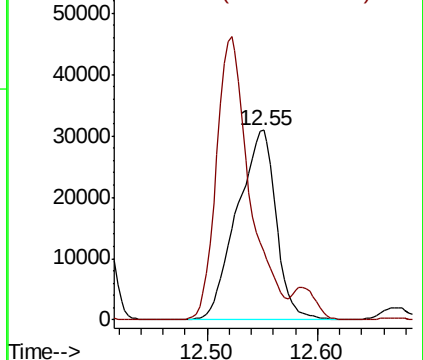
75 100

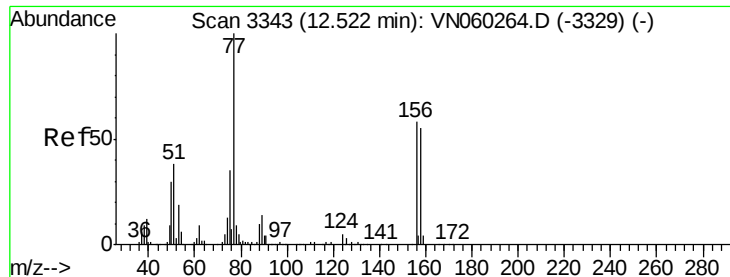
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060366.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN060366.D (-3257) (-)





#77

Bromobenzene

Concen: 18.047 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

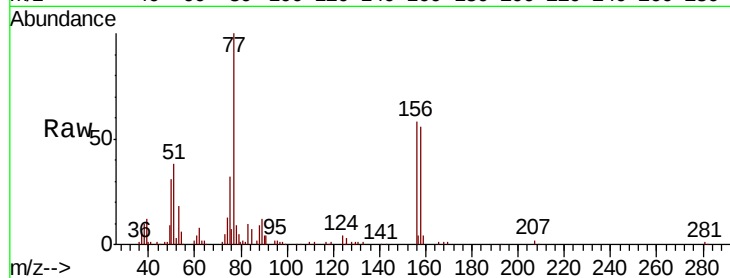
Tot Ion:156 Resp: 45175

Ion Ratio Lower Upper

156 100

77 214.4 106.1 318.3

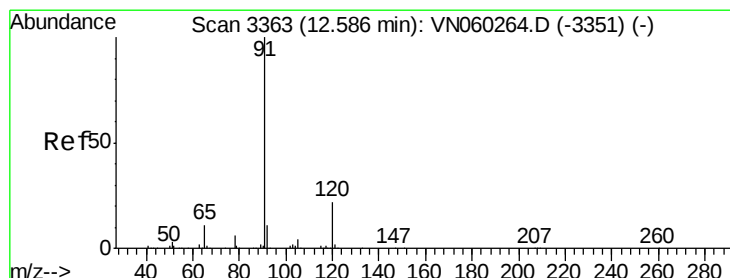
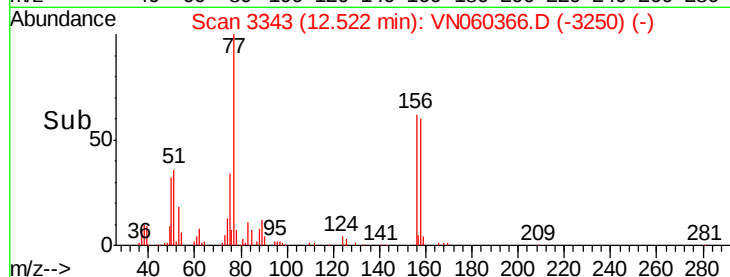
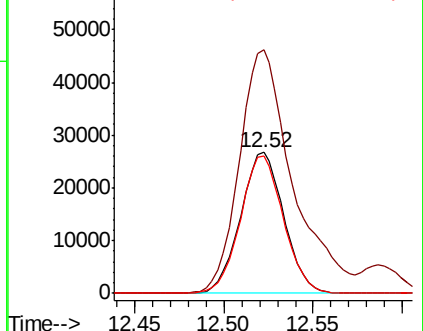
158 97.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.850 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060366.D

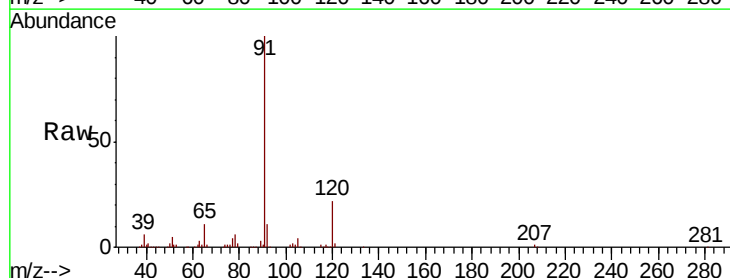
Acq: 5 Mar 2020 14:58

Tgt Ion: 91 Resp: 213657

Ion Ratio Lower Upper

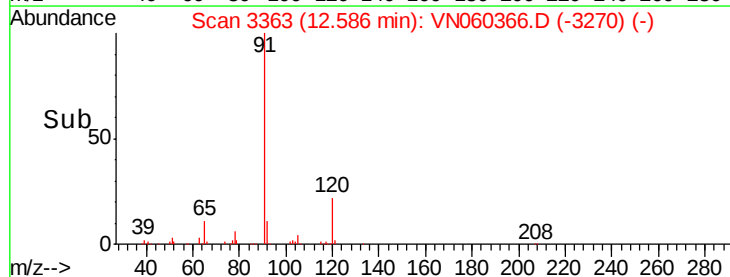
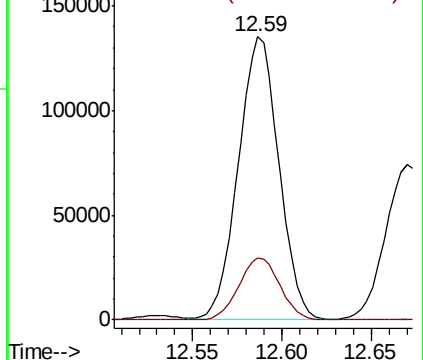
91 100

120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.956 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

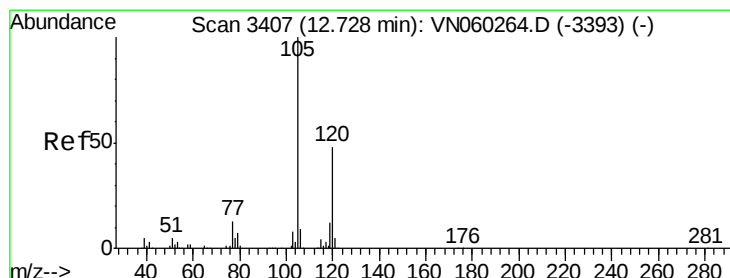
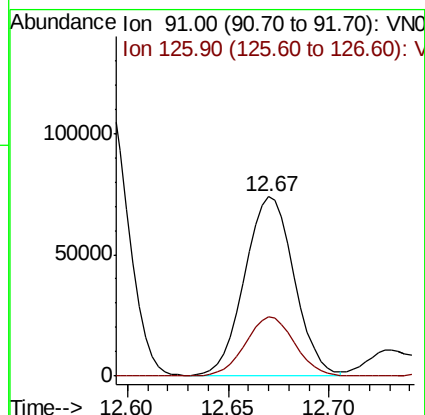
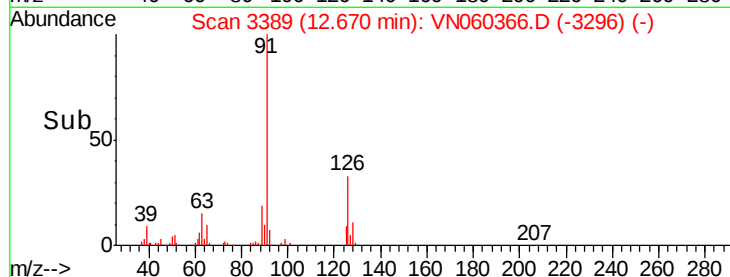
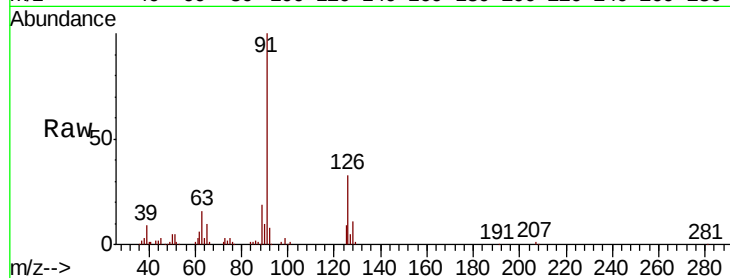
VN0305WBSD01

Tot Ion: 91 Resp: 126342

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 17.944 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060366.D

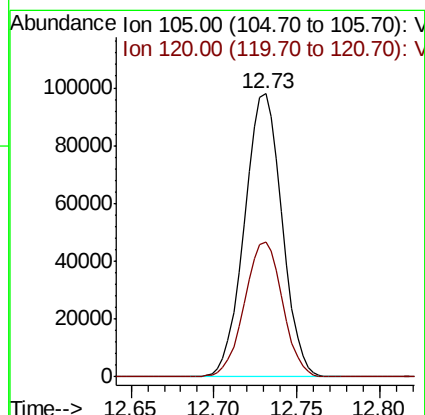
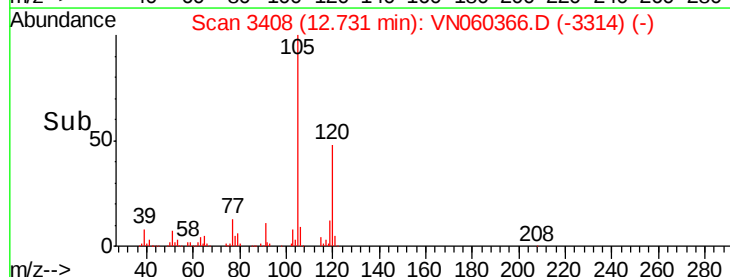
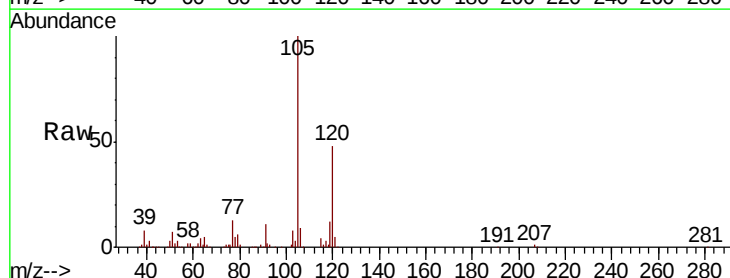
Acq: 5 Mar 2020 14:58

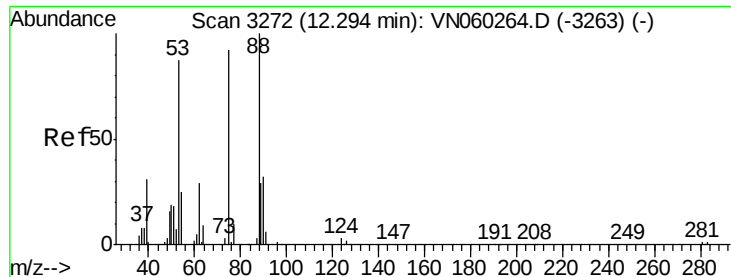
Tgt Ion: 105 Resp: 154276

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.919 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0305WBSD01

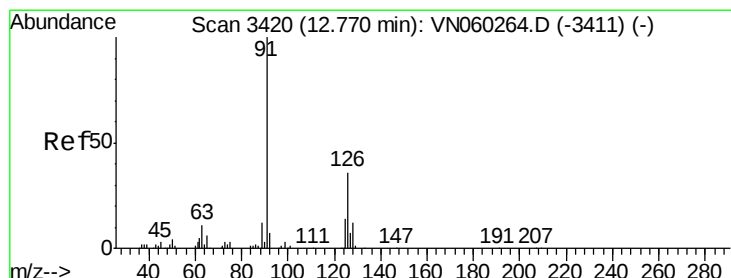
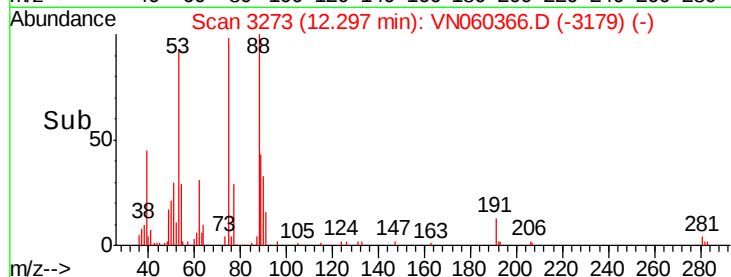
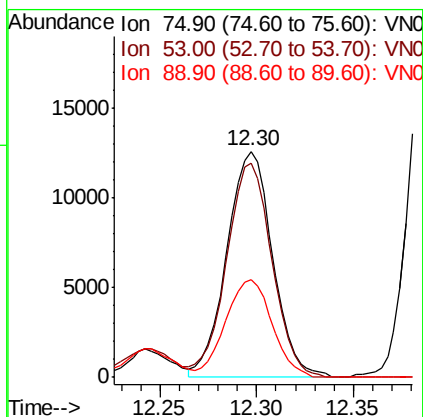
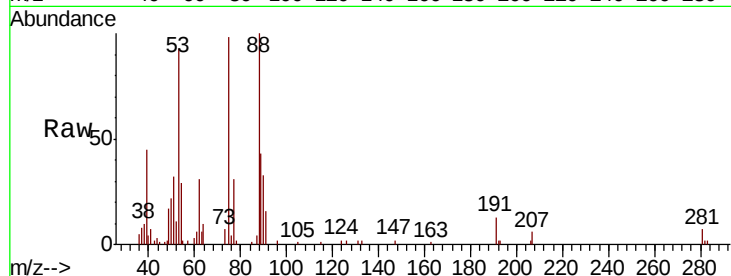
Tot Ion: 75 Resp: 20717

Ion Ratio Lower Upper

75 100

53 94.0 73.8 110.6

89 44.0 57.1 85.7#



#82

4-Chlorotoluene

Concen: 17.731 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060366.D

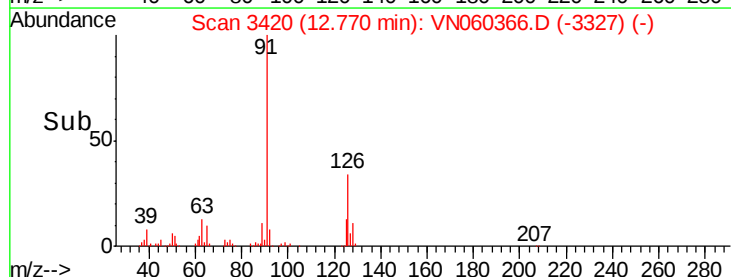
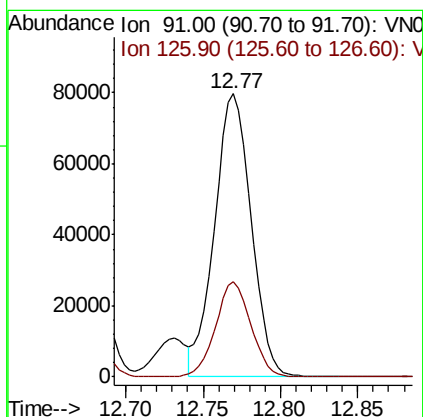
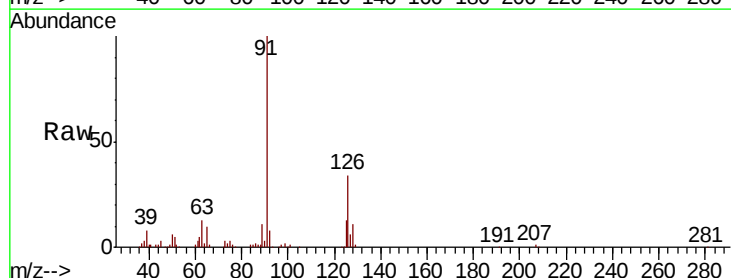
Acq: 5 Mar 2020 14:58

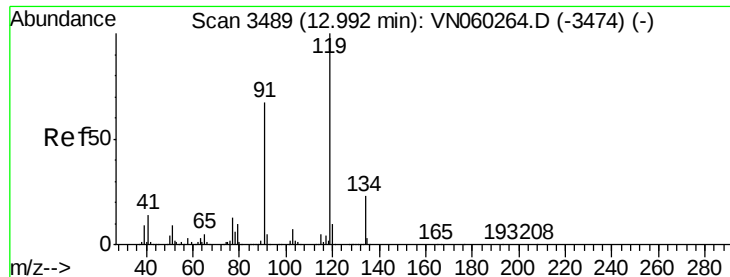
Tgt Ion: 91 Resp: 131440

Ion Ratio Lower Upper

91 100

126 32.3 16.7 50.1





#83

tert-Butylbenzene

Concen: 17.541 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

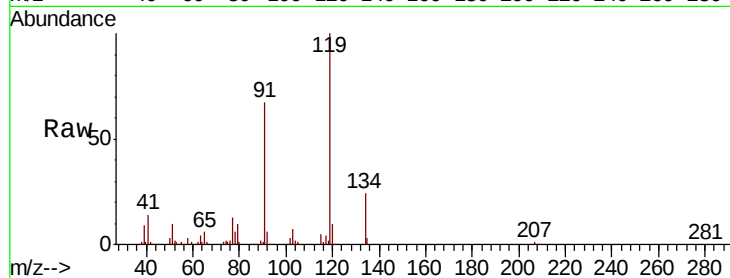
Tot Ion:119 Resp: 130576

Ion Ratio Lower Upper

119 100

91 66.6 33.1 99.2

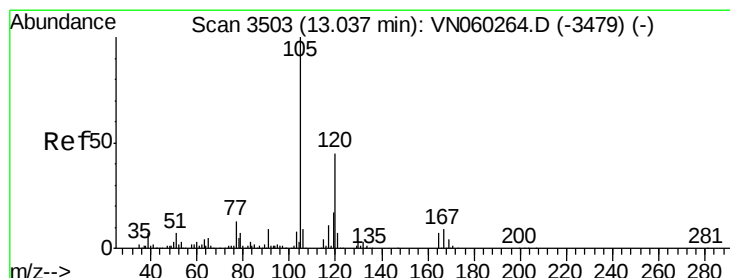
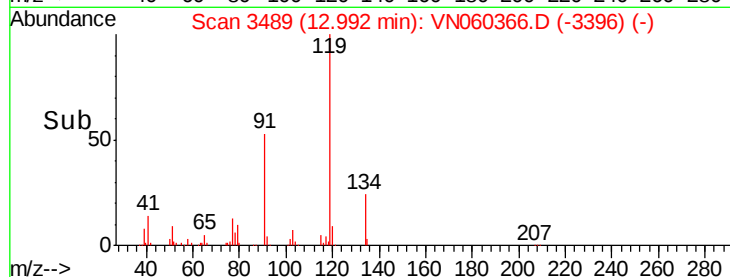
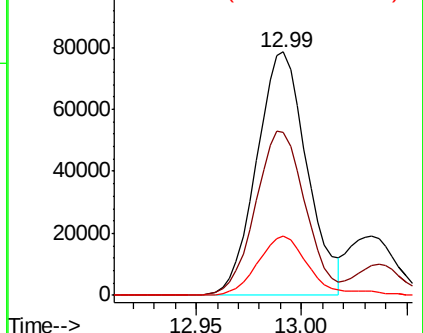
134 24.9 12.4 37.0



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: 17.589 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN060366.D

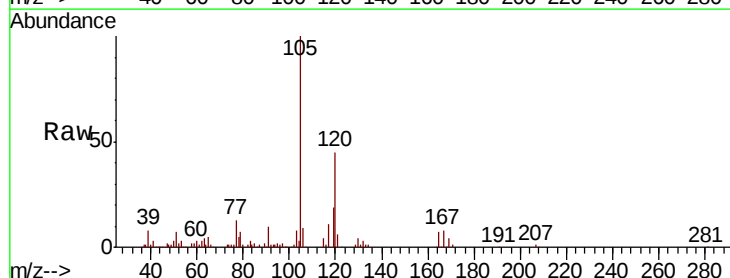
Acq: 5 Mar 2020 14:58

Tgt Ion:105 Resp: 152640

Ion Ratio Lower Upper

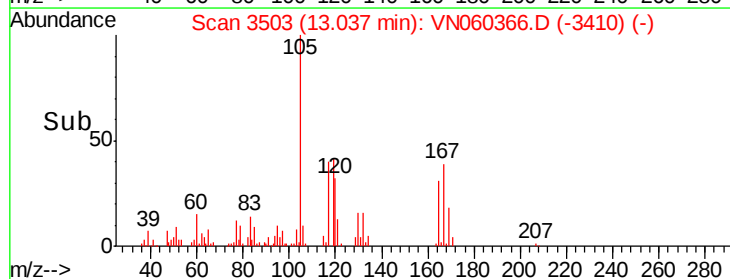
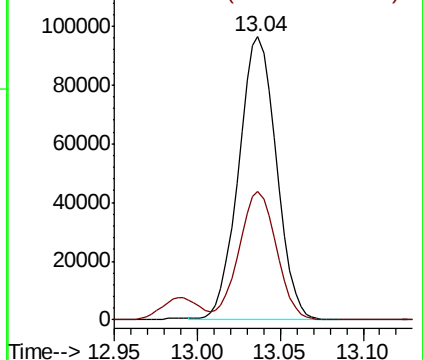
105 100

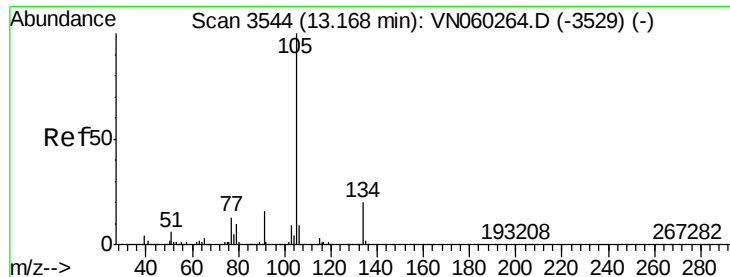
120 45.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.920 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

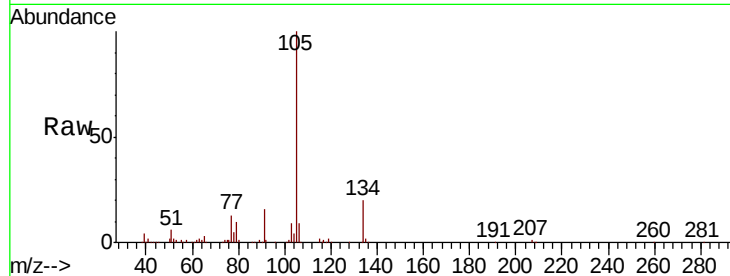
VN0305WBSD01

Tot Ion:105 Resp: 168665

Ion Ratio Lower Upper

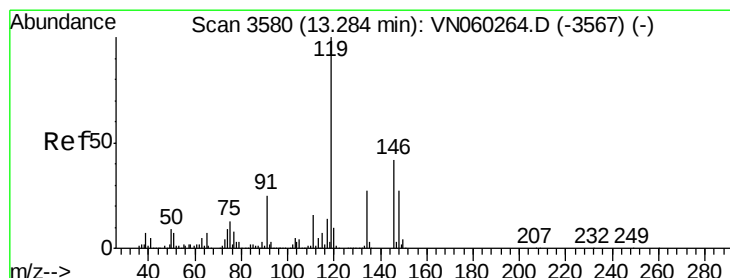
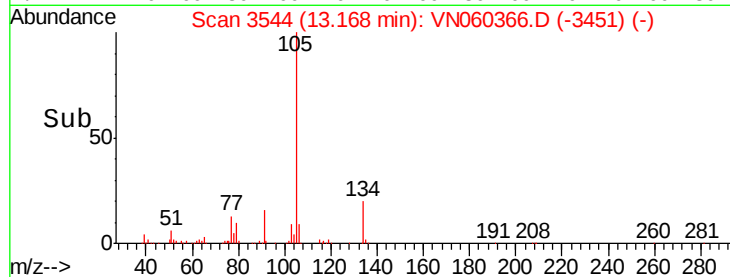
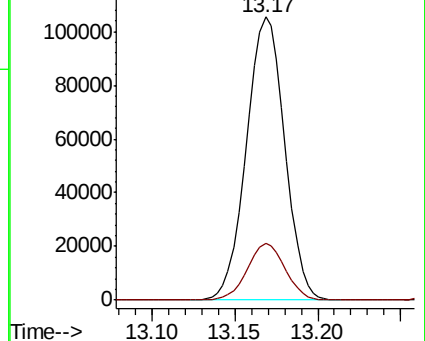
105 100

134 19.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.570 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

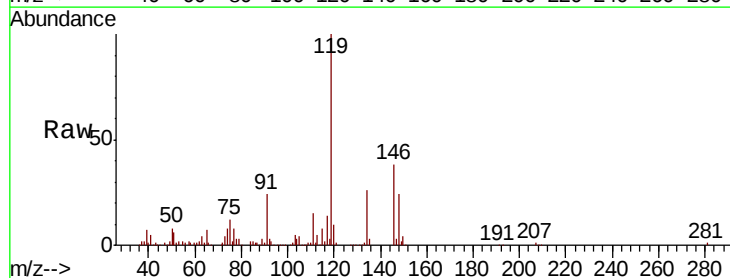
Tgt Ion:119 Resp: 152878

Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.6

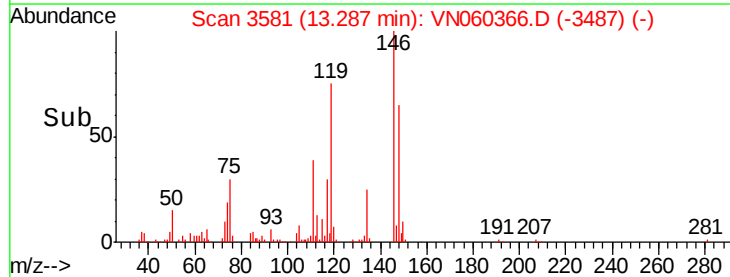
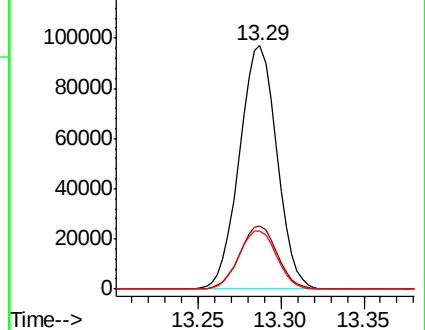
91 24.3 12.2 36.6

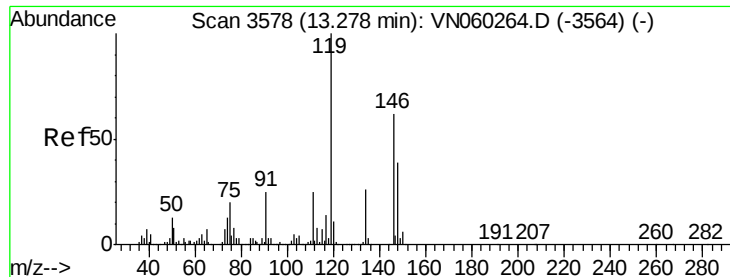


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.375 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

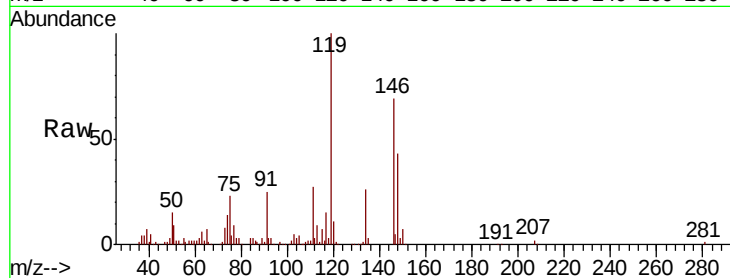
MSVOA_N

ClientSampleId :

VN0305WBSD01

Tot Ion:146 Resp: 79550

Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	59.9
148	62.8	32.1	96.3

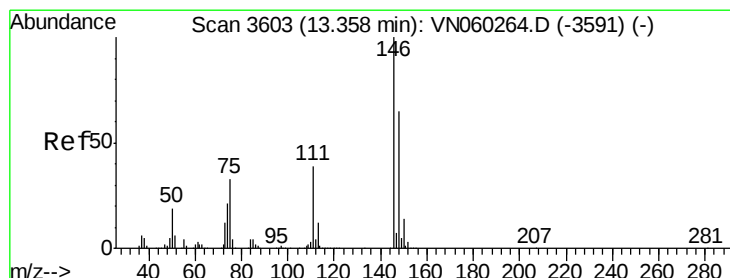
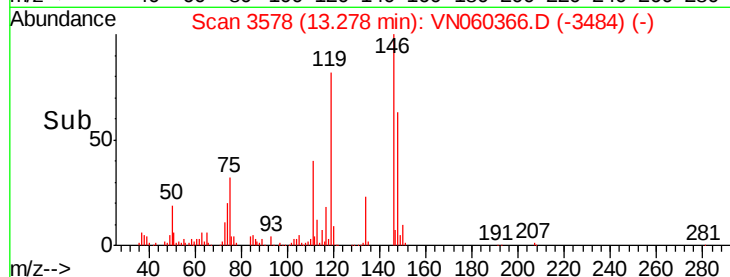
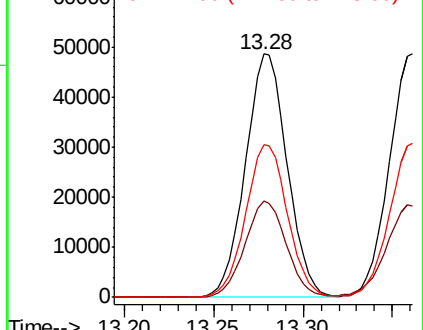


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 18.250 ug/l

RT: 13.36 min Scan# 3604

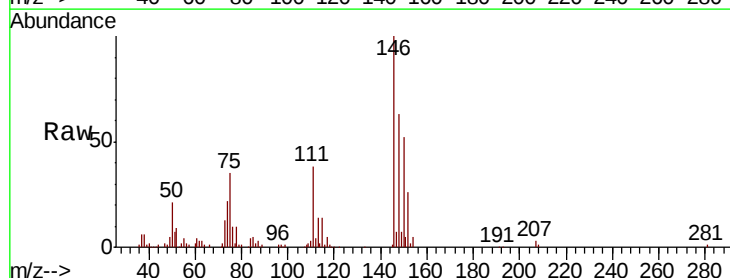
Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Tgt Ion:146 Resp: 78985

Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.8	59.4
148	63.9	32.3	96.9

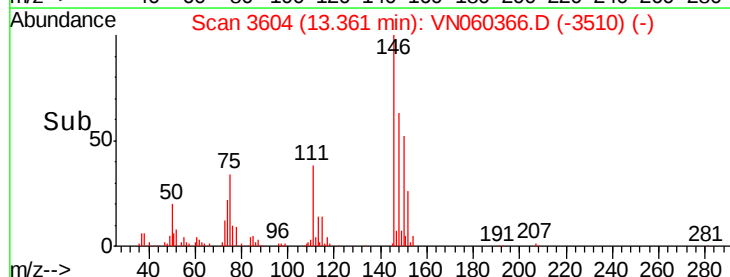
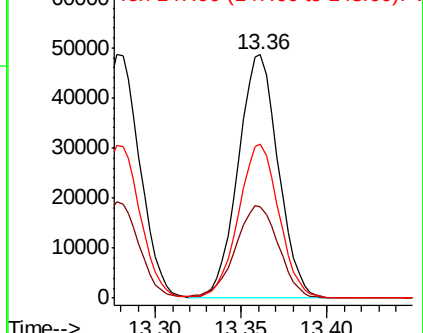


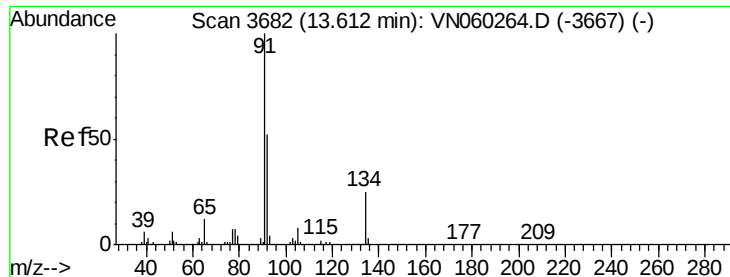
Abundance

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

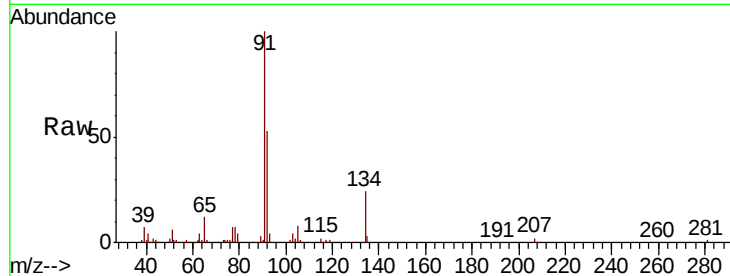




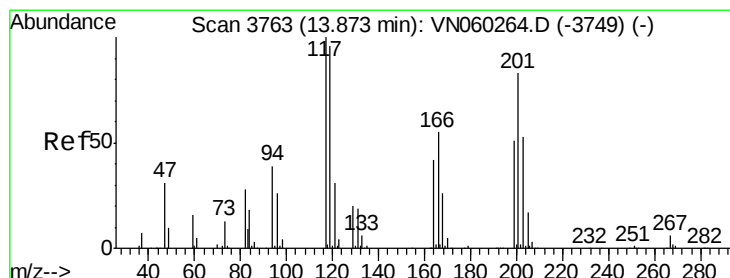
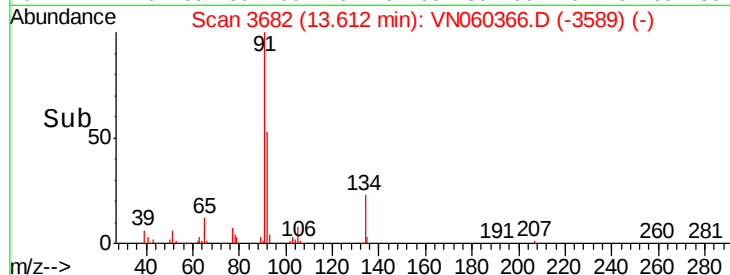
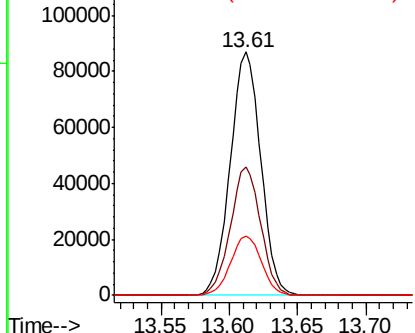
#89
n-Butylbenzene
Concen: 15.920 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

Tot Ion: 91 Resp: 134831
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 24.7 12.7 38.1

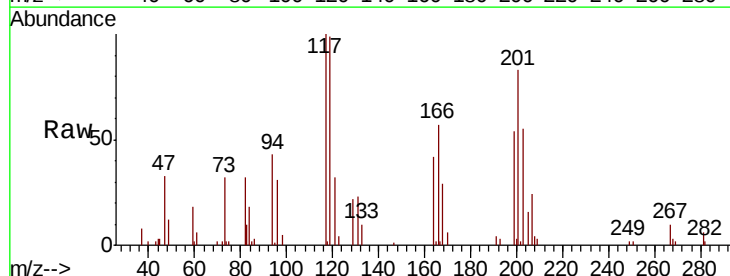


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

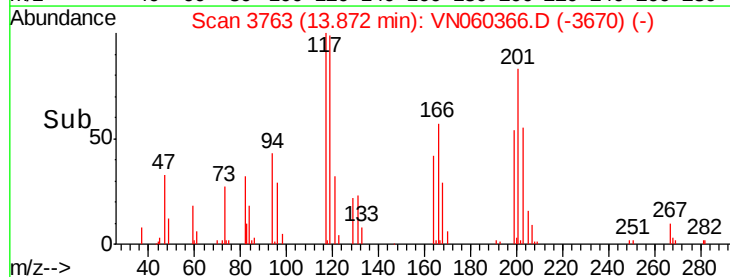
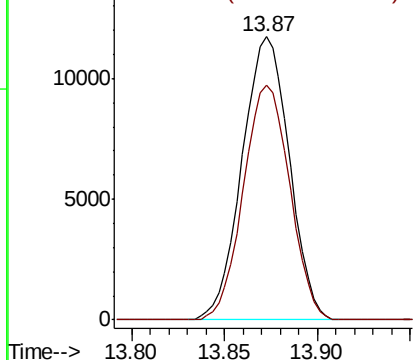


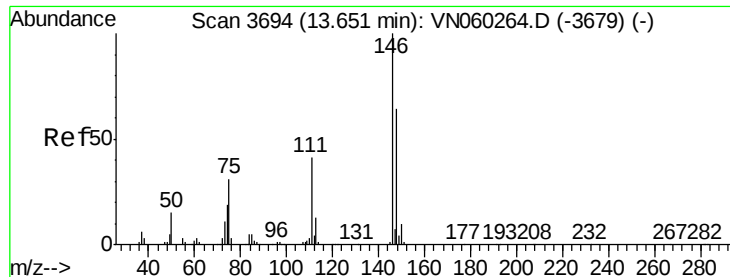
#90
Hexachloroethane
Concen: 15.495 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion: 117 Resp: 20693
Ion Ratio Lower Upper
117 100
201 81.5 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

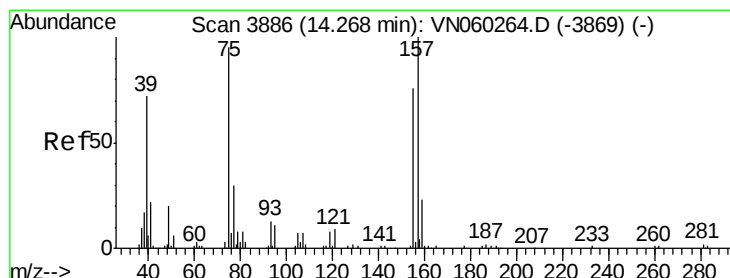
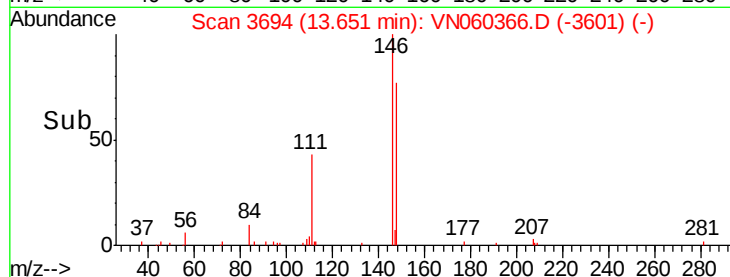
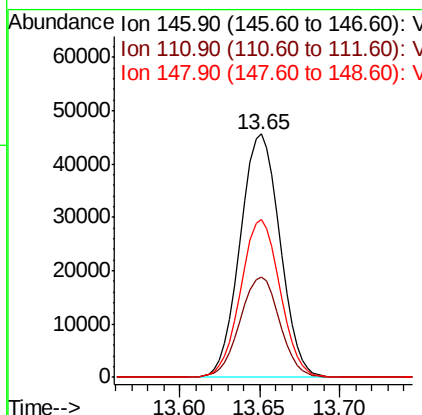
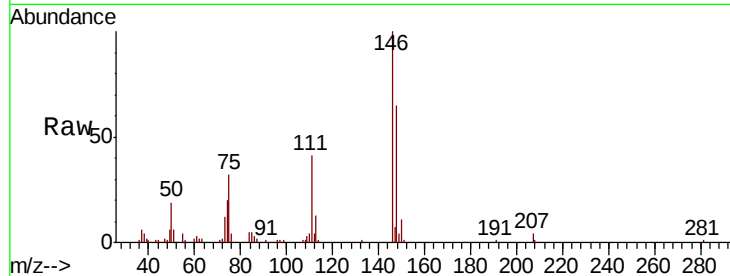




#91
 1,2-Dichlorobenzene
 Concen: 17.704 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

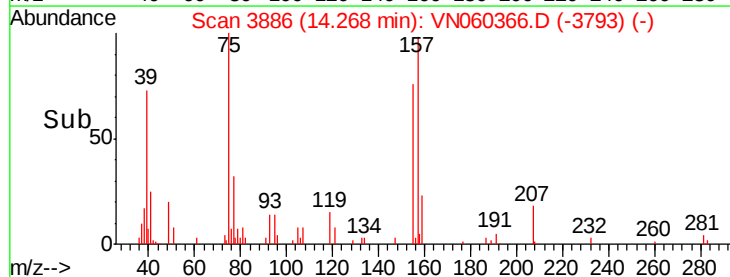
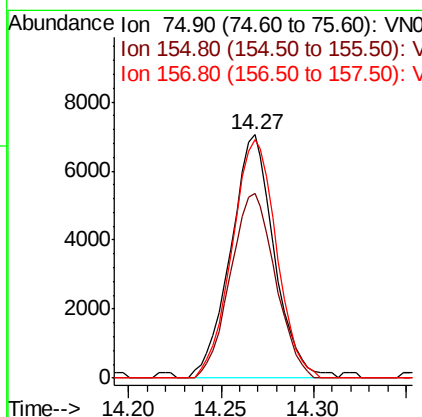
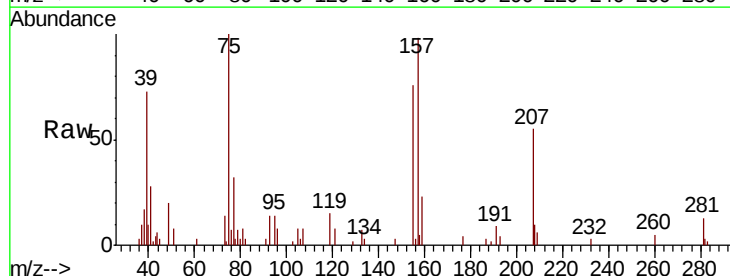
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	61.0
148	64.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.246 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN060366.D
 Acq: 5 Mar 2020 14:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.1	40.4	121.2
157	100.1	52.5	157.5





#93

1,2,4-Trichlorobenzene

Concen: 17.150 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBSD01

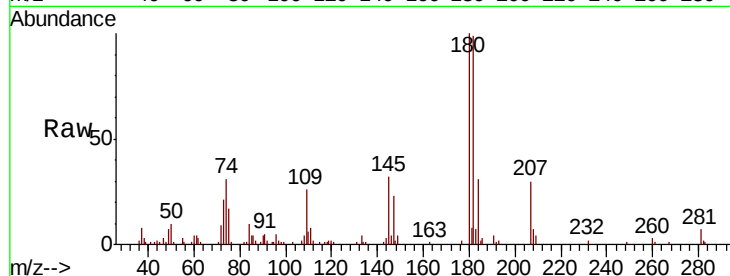
Tot Ion:180 Resp: 47635

Ion Ratio Lower Upper

180 100

182 96.9 47.8 143.3

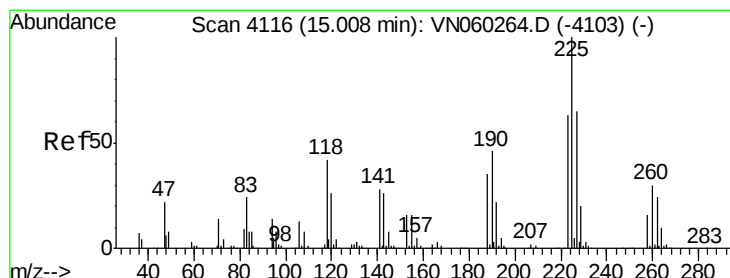
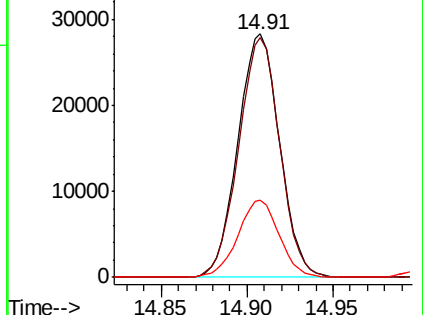
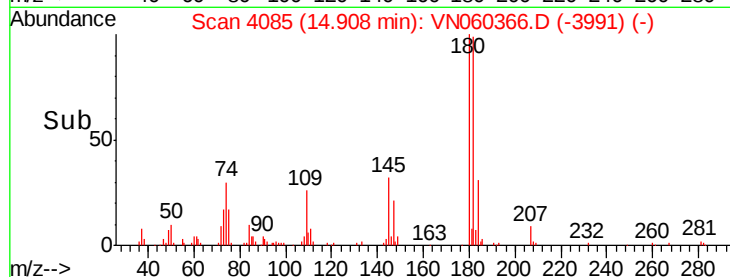
145 31.4 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 15.834 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN060366.D

Acq: 5 Mar 2020 14:58

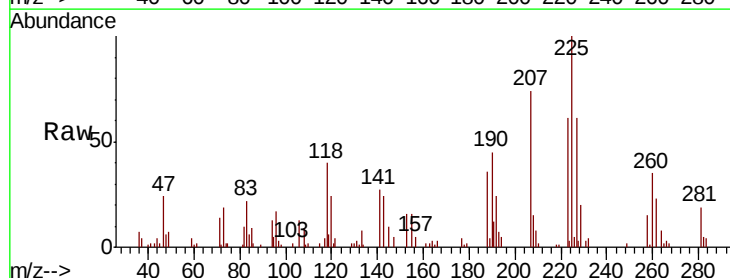
Tgt Ion:225 Resp: 20786

Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.9

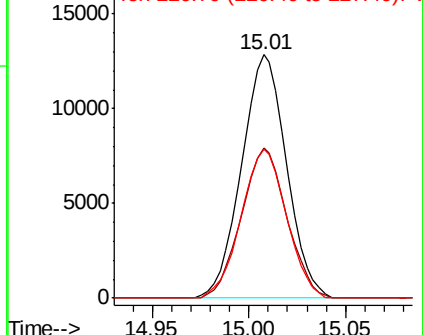
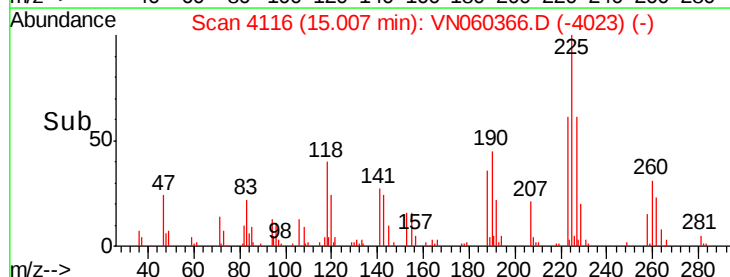
227 61.5 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

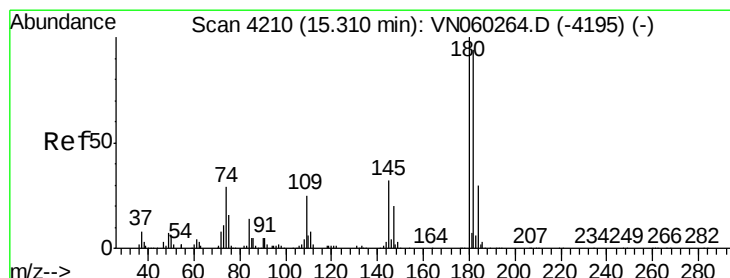
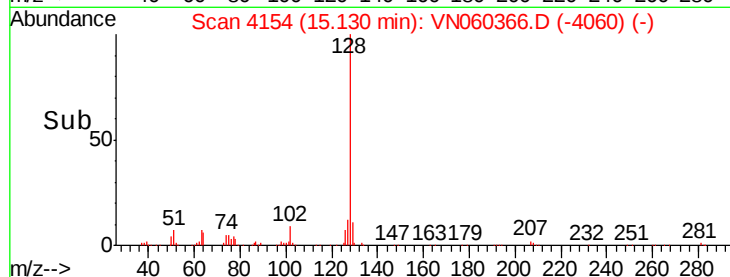
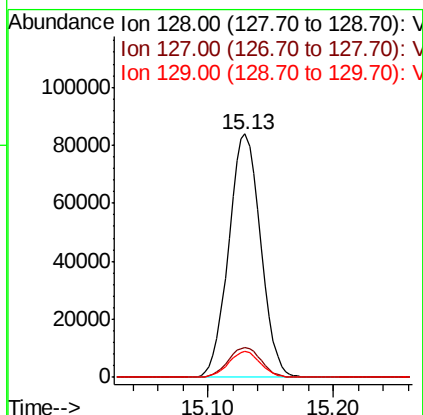
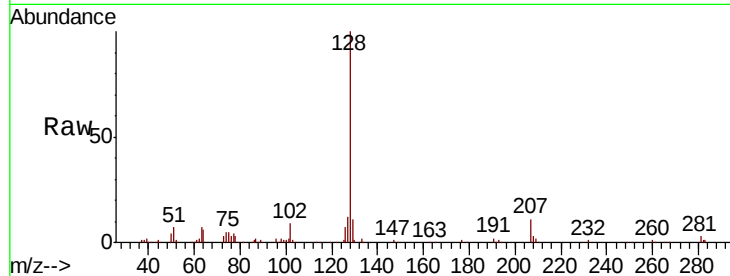




#95
Naphthalene
Concen: 17.912 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBSD01

Tot Ion:128 Resp: 148471
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.343 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060366.D
Acq: 5 Mar 2020 14:58

Tgt Ion:180 Resp: 45832
Ion Ratio Lower Upper
180 100
182 96.2 47.3 142.0
145 32.6 16.2 48.5

