

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060627.D
 Acq On : 19 Mar 2020 11:36
 Operator : JC/MD
 Sample : VN0319WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Quant Time: Mar 20 01:47:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	331468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	129948	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	7.56	113	95515	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	10.08	98	384244	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	12.40	95	136713	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37551	19.026	ug/l	98
3) Chloromethane	2.04	50	62776	17.031	ug/l	99
4) Vinyl Chloride	2.16	62	50570	17.540	ug/l	97
5) Bromomethane	2.55	94	24251	19.485	ug/l	99
6) Chloroethane	2.68	64	30304	18.247	ug/l	98
7) Trichlorofluoromethane	3.00	101	65769	18.518	ug/l	98
8) Diethyl Ether	3.38	74	28024	19.642	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	39069	18.985	ug/l	99
10) Methyl Iodide	3.92	142	35929	19.621	ug/l	99
11) Tert butyl alcohol	4.73	59	39520	95.969	ug/l	97
12) 1,1-Dichloroethene	3.71	96	40108	18.162	ug/l	97
13) Acrolein	3.57	56	34706	76.043	ug/l	98
14) Allyl chloride	4.29	41	76359	19.660	ug/l	92
15) Acrylonitrile	4.94	53	110195	90.999	ug/l	100
16) Acetone	3.78	43	93379	94.147	ug/l	98
17) Carbon Disulfide	4.03	76	120823	17.989	ug/l	97
18) Methyl Acetate	4.28	43	51201	18.340	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	143054	18.841	ug/l	99
20) Methylene Chloride	4.52	84	45269	18.554	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	43496	18.480	ug/l	98
22) Diisopropyl ether	5.91	45	159127	19.392	ug/l	100
23) Vinyl Acetate	5.86	43	647257	96.674	ug/l	100
24) 1,1-Dichloroethane	5.82	63	83875	18.750	ug/l	99
25) 2-Butanone	6.80	43	147266	91.756	ug/l	97
26) 2,2-Dichloropropane	6.79	77	70610	20.062	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	49826	18.629	ug/l	98
28) Bromochloromethane	7.17	49	41247	19.272	ug/l	100
29) Tetrahydrofuran	7.18	42	101861	89.699	ug/l	100
30) Chloroform	7.35	83	79543	18.548	ug/l	99
31) Cyclohexane	7.63	56	83051	18.415	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	69230	18.726	ug/l	99
36) 1,1-Dichloropropene	7.77	75	62879	19.591	ug/l	99
37) Ethyl Acetate	6.89	43	64633	18.637	ug/l	98
38) Carbon Tetrachloride	7.75	117	54201	18.842	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	73919	19.380	ug/l	98
40) Benzene	8.02	78	187164	19.317	ug/l	99
41) Methacrylonitrile	7.17	41	91740	61.983	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	65574	19.803	ug/l	100
43) Isopropyl Acetate	8.14	43	108369	18.947	ug/l	99
44) Trichloroethene	8.81	130	48218	19.741	ug/l	99
45) 1,2-Dichloropropane	9.10	63	50779	19.862	ug/l	99
46) Dibromomethane	9.19	93	30548	19.764	ug/l	99
47) Bromodichloromethane	9.38	83	62060	19.322	ug/l	100
48) Methyl methacrylate	9.18	41	46500	18.260	ug/l	97
49) 1,4-Dioxane	9.18	88	13230	437.093	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	308666	94.838	ug/l	100
52) Toluene	10.14	92	113737	19.437	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	72064	19.533	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	79962	19.756	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	44126	19.601	ug/l	97
56) Ethyl methacrylate	10.42	69	66712	19.006	ug/l	98
57) 1,3-Dichloropropane	10.70	76	76487	19.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	165624	94.937	ug/l	100
59) 2-Hexanone	10.74	43	219167	93.481	ug/l	99
60) Dibromochloromethane	10.89	129	44974	19.341	ug/l	100
61) 1,2-Dibromoethane	10.99	107	44146	19.502	ug/l	99
64) Tetrachloroethene	10.62	164	46490	19.826	ug/l	99
65) Chlorobenzene	11.43	112	114939	19.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42584	19.909	ug/l	97
67) Ethyl Benzene	11.50	91	214717	19.545	ug/l	100
68) m/p-Xylenes	11.61	106	159374	39.040	ug/l	99
69) o-Xylene	11.94	106	77148	19.796	ug/l	100
70) Styrene	11.96	104	122229	19.177	ug/l	99
71) Bromoform	12.12	173	30637	18.335	ug/l #	100
73) Isopropylbenzene	12.24	105	202521	19.360	ug/l	99
74) N-amyl acetate	12.06	43	90819	18.788	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59562	18.828	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	82061	27.282	ug/l #	100
77) Bromobenzene	12.52	156	47338	18.779	ug/l	99
78) n-propylbenzene	12.59	91	236380	19.126	ug/l	100
79) 2-Chlorotoluene	12.67	91	140554	19.034	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	168877	19.023	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22052	18.829	ug/l	98
82) 4-Chlorotoluene	12.77	91	143025	19.017	ug/l	100
83) tert-Butylbenzene	12.99	119	139846	19.003	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	166908	19.004	ug/l	99
85) sec-Butylbenzene	13.17	105	188618	19.060	ug/l	100
86) p-Isopropyltoluene	13.28	119	169308	19.026	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	84176	18.934	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	84246	18.861	ug/l	99
89) n-Butylbenzene	13.61	91	152010	18.920	ug/l	100
90) Hexachloroethane	13.87	117	24293	18.781	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	82259	19.350	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11868	17.738	ug/l	94

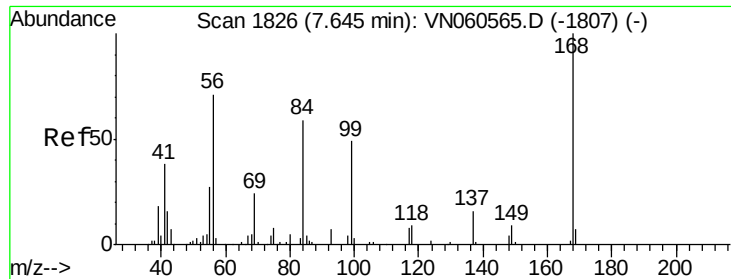
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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	48826	18.703	ug/l	98
94) Hexachlorobutadiene	15.01	225	24639	19.253	ug/l	99
95) Naphthalene	15.13	128	138305	17.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47708	18.554	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

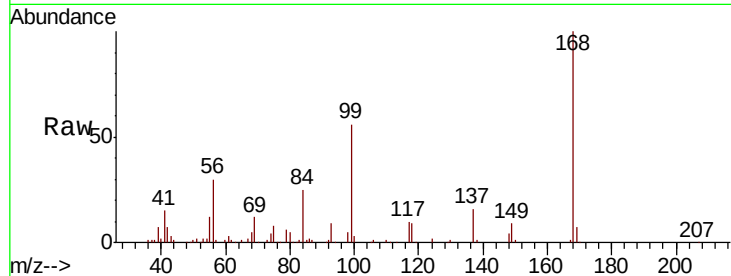
VN0319WBSD01

Tot Ion:168 Resp: 203972

Ion Ratio Lower Upper

168 100

99 56.1 44.0 66.0



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

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

7.64

80000

60000

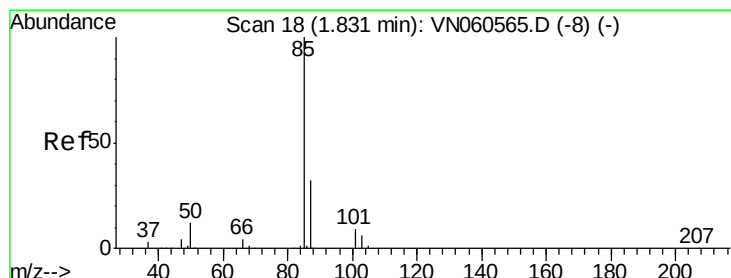
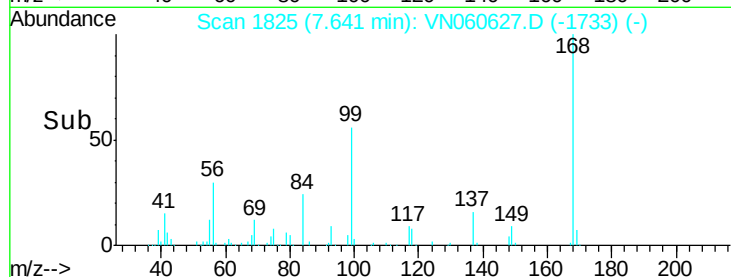
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 19.026 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060627.D

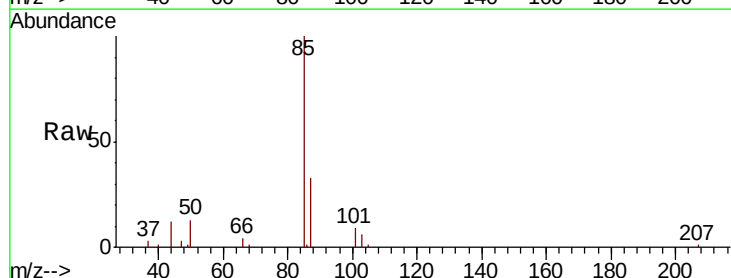
Acq: 19 Mar 2020 11:36

Tgt Ion: 85 Resp: 37551

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.5



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

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

1.83

30000

25000

20000

15000

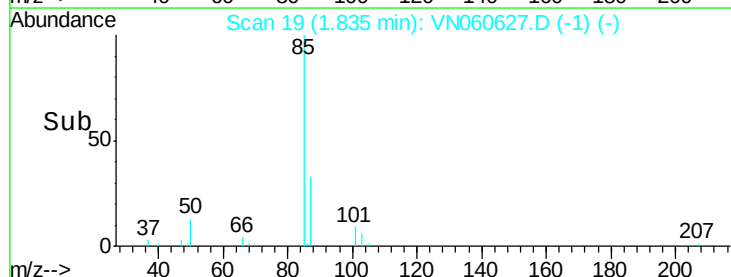
10000

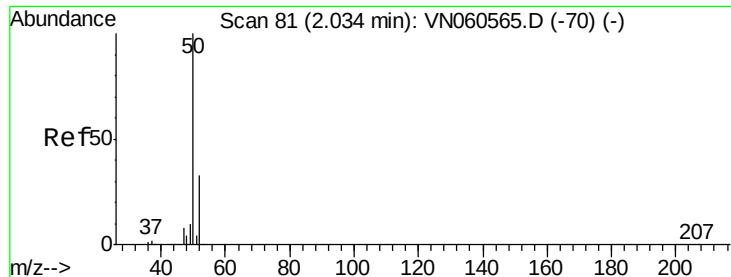
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.031 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

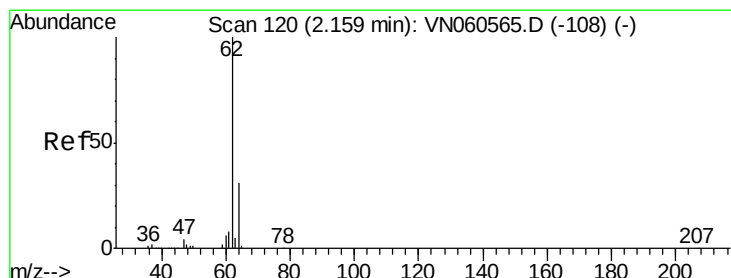
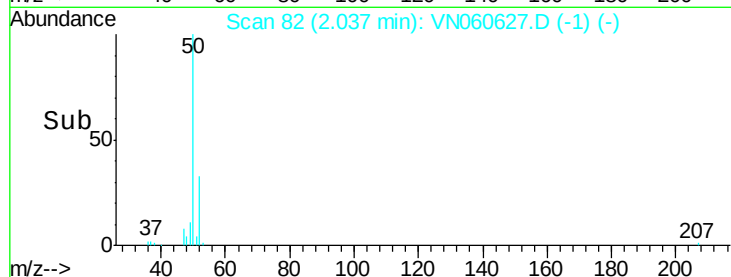
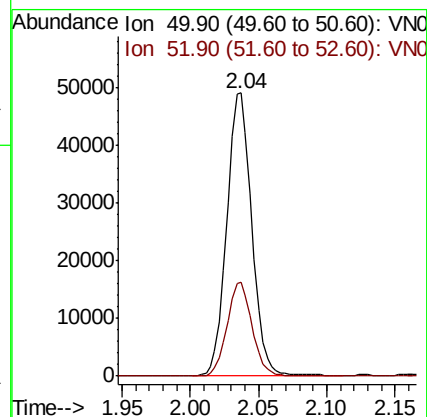
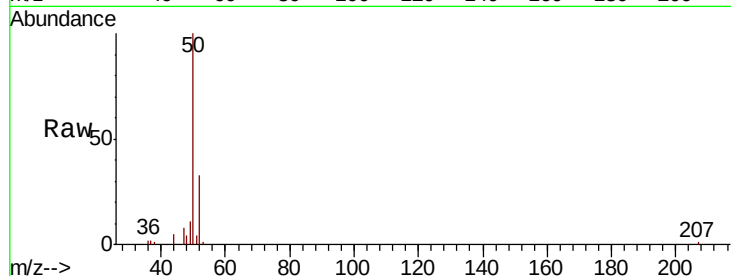
VN0319WBSD01

Tot Ion: 50 Resp: 62776

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 17.540 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060627.D

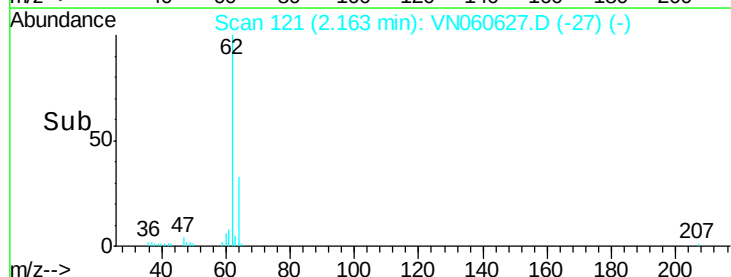
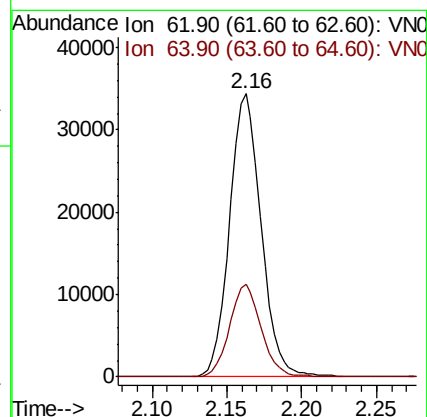
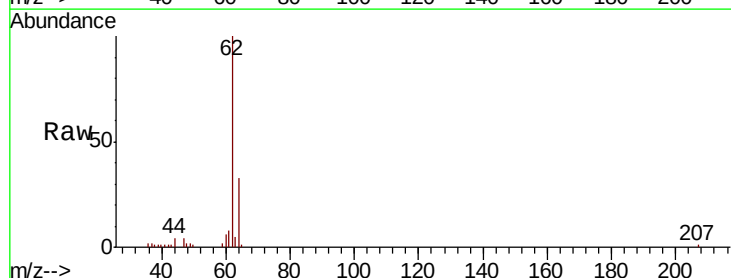
Acq: 19 Mar 2020 11:36

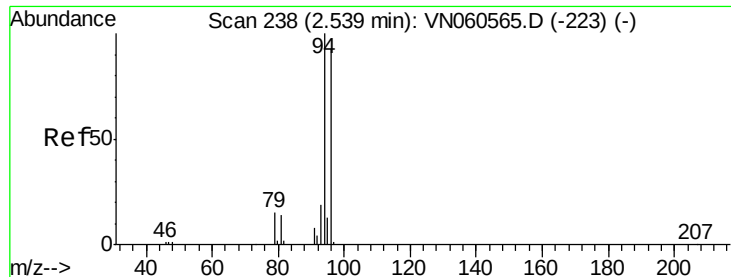
Tgt Ion: 62 Resp: 50570

Ion Ratio Lower Upper

62 100

64 32.6 24.7 37.1





#5

Bromomethane

Concen: 19.485 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

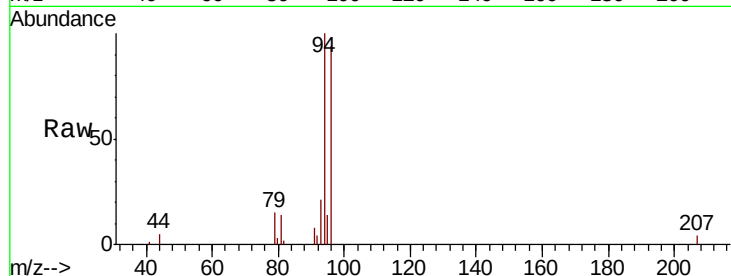
VN0319WBSD01

Tot Ion: 94 Resp: 24251

Ion Ratio Lower Upper

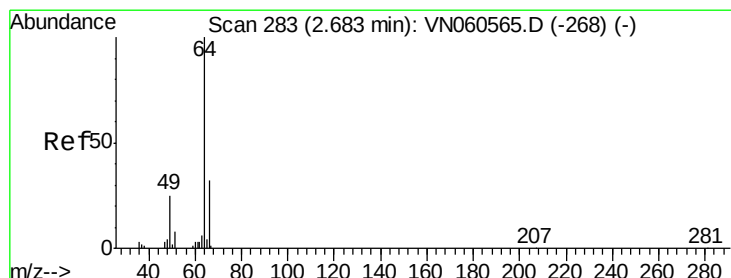
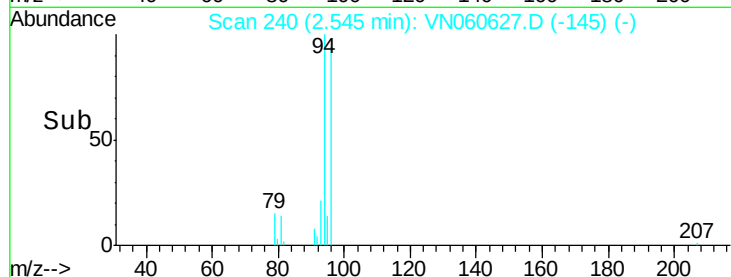
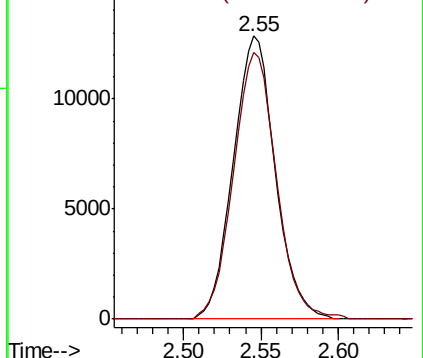
94 100

96 94.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060627.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060627.D (-145) (-)



#6

Chloroethane

Concen: 18.247 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060627.D

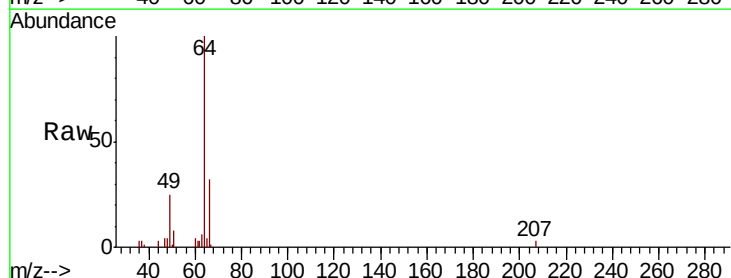
Acq: 19 Mar 2020 11:36

Tgt Ion: 64 Resp: 30304

Ion Ratio Lower Upper

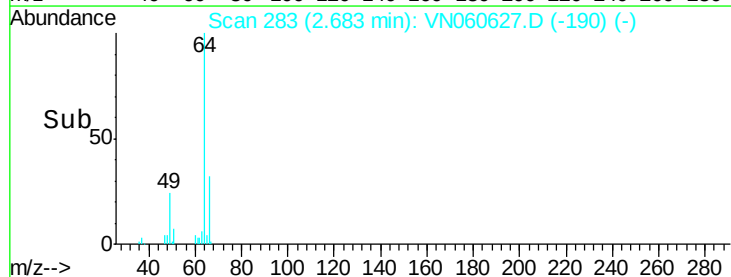
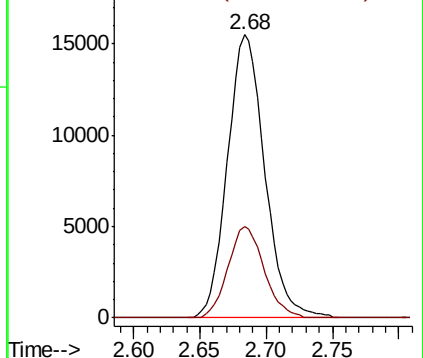
64 100

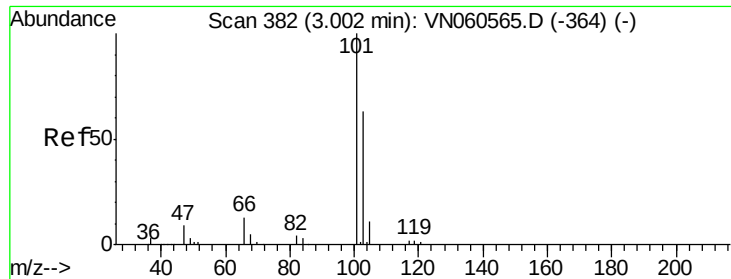
66 32.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060627.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060627.D (-190) (-)



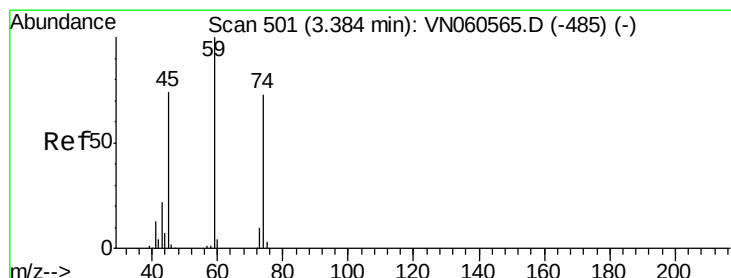
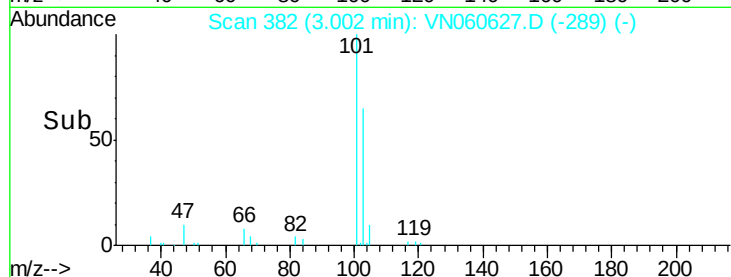
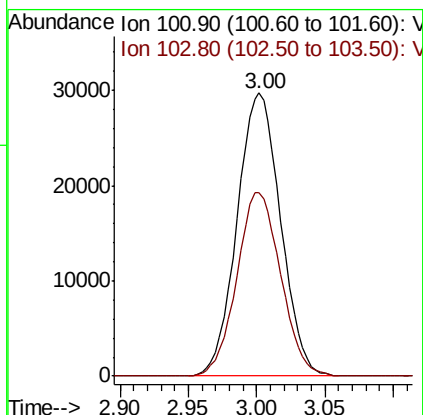
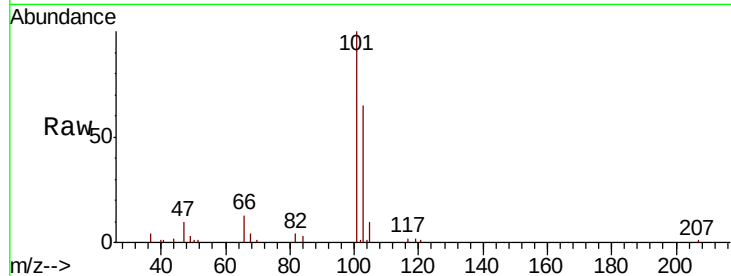


#7

Trichlorofluoromethane
 Concen: 18.518 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Instrument :
 MSVOA_N
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 VN0319WBSD01

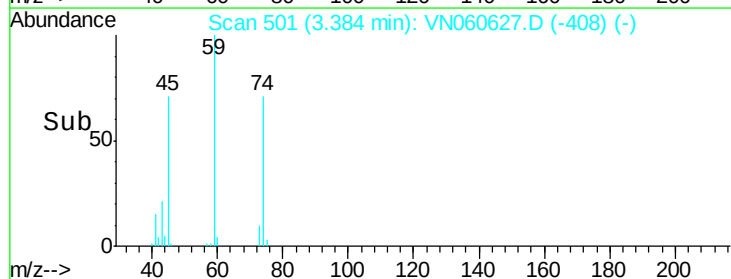
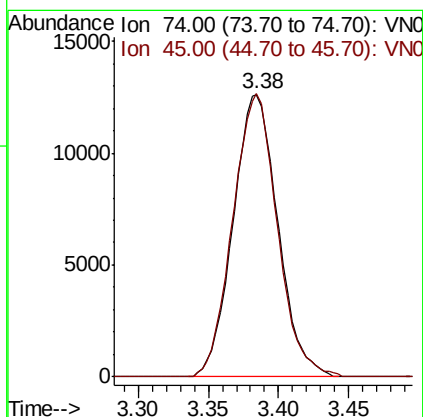
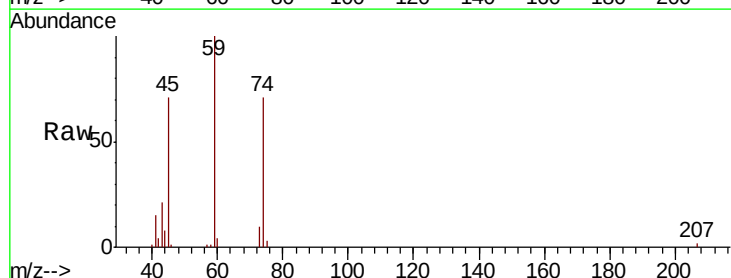
Tot Ion:101 Resp: 65769
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.6 76.0

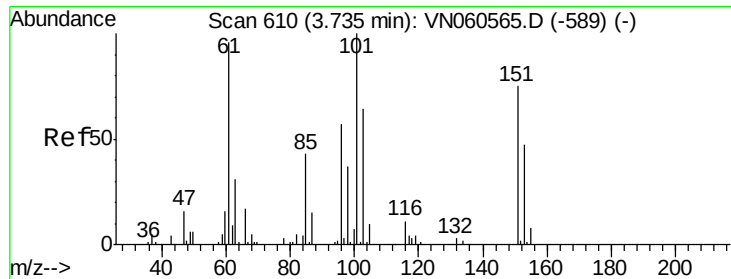


#8

Diethyl Ether
 Concen: 19.642 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Tgt Ion: 74 Resp: 28024
 Ion Ratio Lower Upper
 74 100
 45 99.7 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.985 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

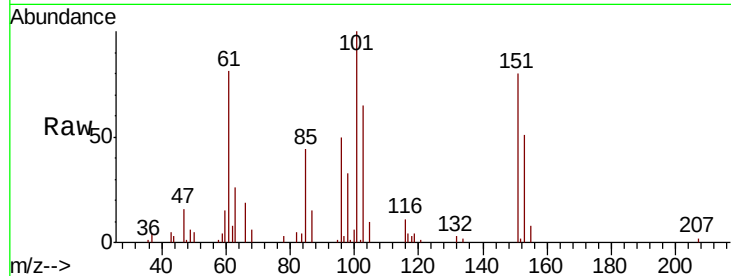
Tot Ion:101 Resp: 39069

Ion Ratio Lower Upper

101 100

85 45.0 35.6 53.4

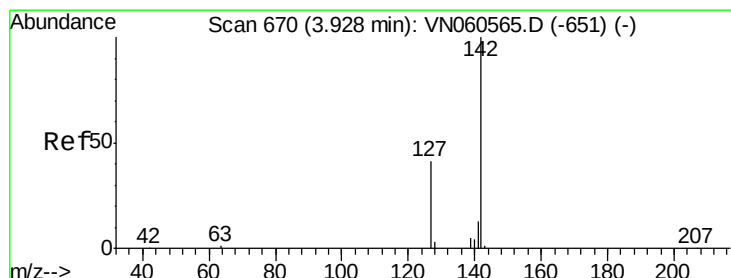
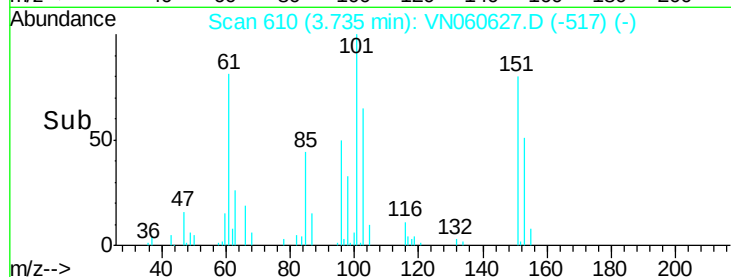
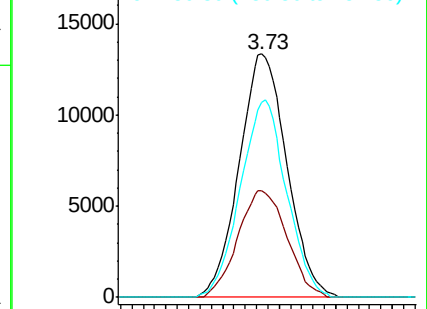
151 78.4 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.621 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

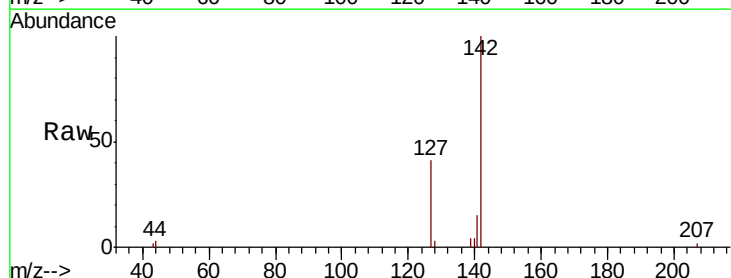
Tgt Ion:142 Resp: 35929

Ion Ratio Lower Upper

142 100

127 41.2 33.5 50.3

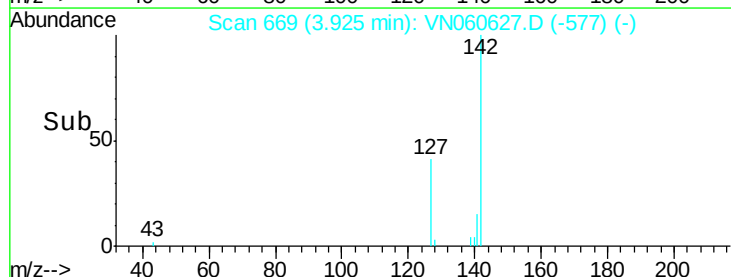
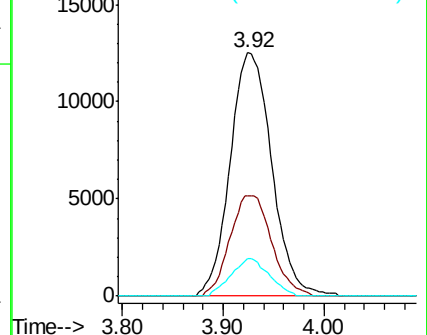
141 14.1 11.0 16.6

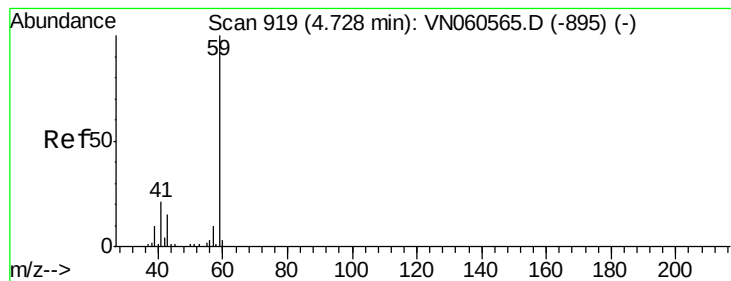


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



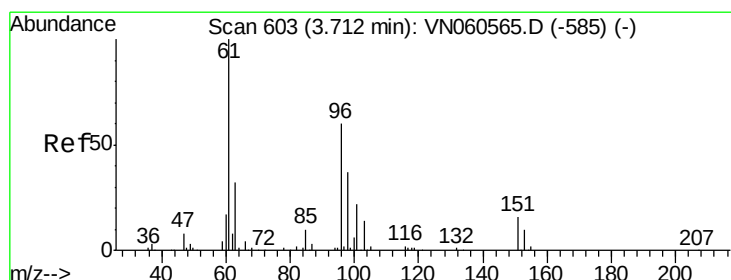
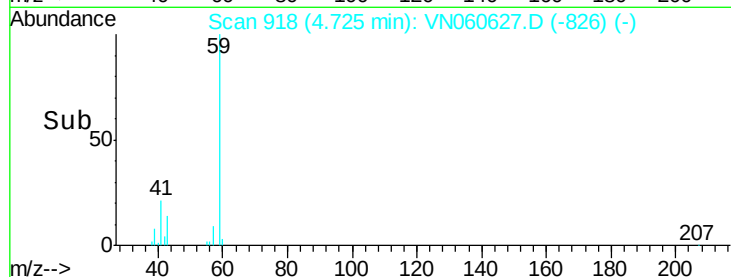
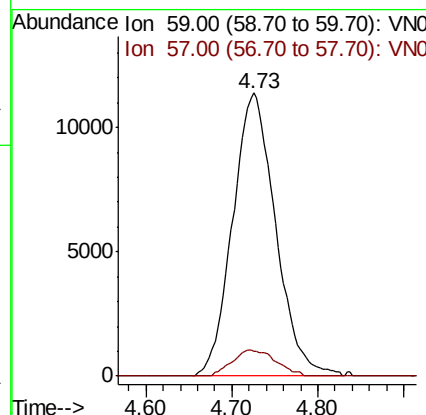
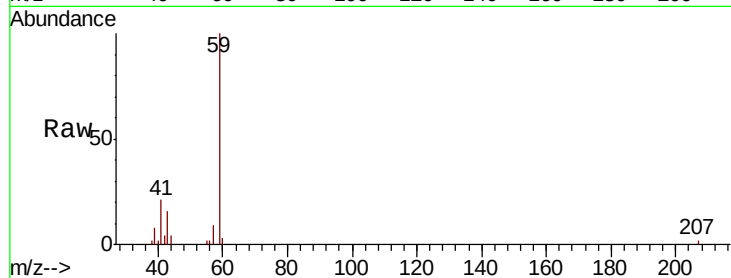


#11

Tert butyl alcohol
 Concen: 95.969 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0319WBSD01

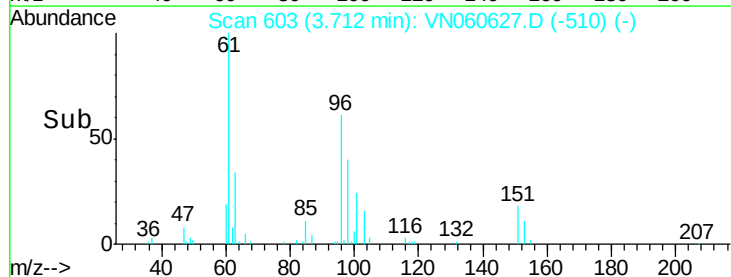
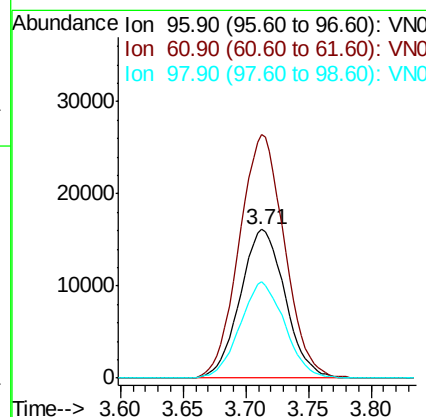
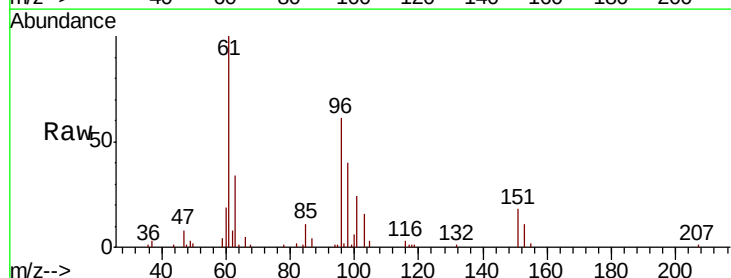
Tot Ion: 59 Resp: 39520
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.2 12.4

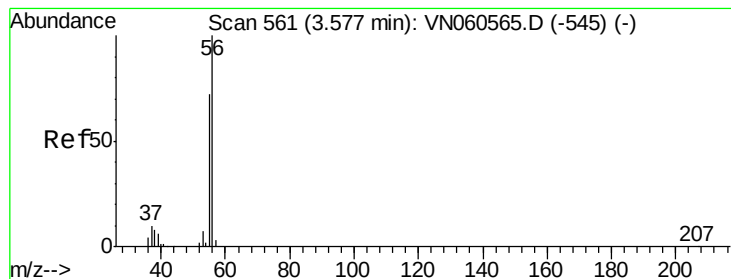


#12

1,1-Dichloroethene
 Concen: 18.162 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Tgt Ion: 96 Resp: 40108
 Ion Ratio Lower Upper
 96 100
 61 163.9 134.1 201.1
 98 64.9 49.9 74.9





#13

Acrolein

Concen: 76.043 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

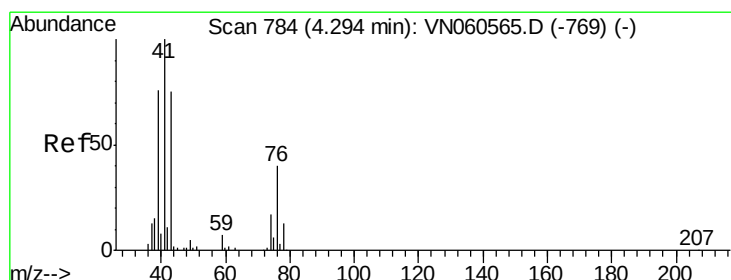
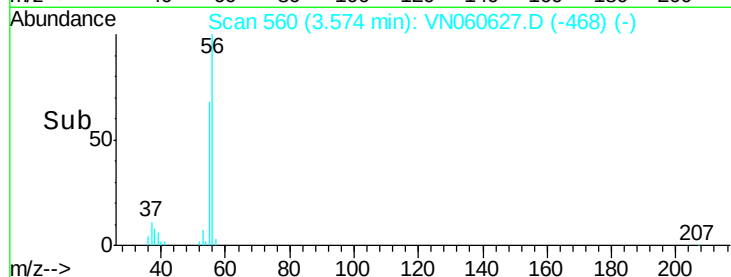
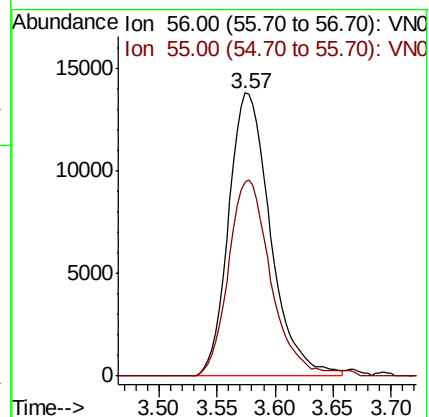
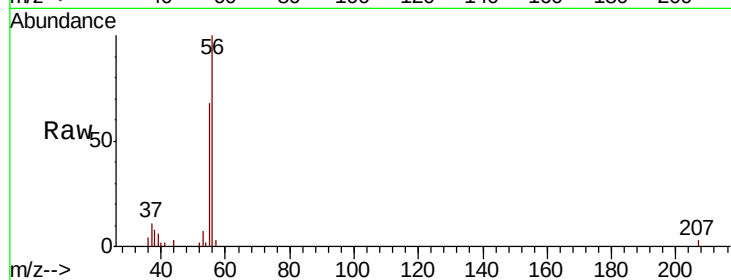
VN0319WBSD01

Tot Ion: 56 Resp: 34706

Ion Ratio Lower Upper

56 100

55 69.6 56.7 85.1



#14

Allyl chloride

Concen: 19.660 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

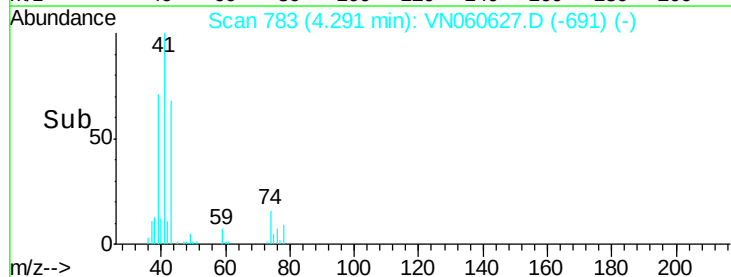
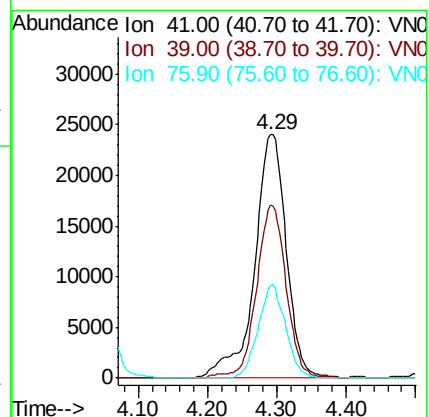
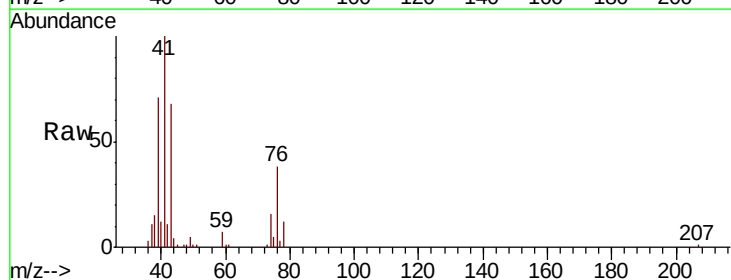
Tgt Ion: 41 Resp: 76359

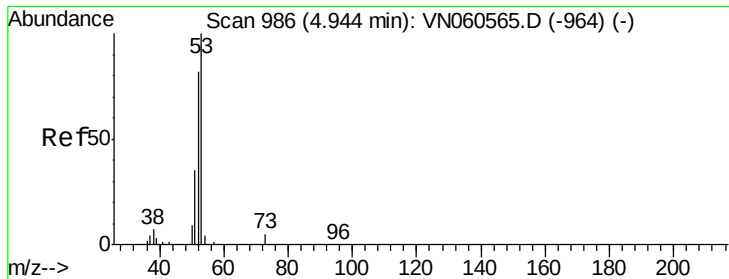
Ion Ratio Lower Upper

41 100

39 64.1 57.8 86.8

76 32.9 28.6 43.0





#15

Acrylonitrile

Concen: 90.999 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

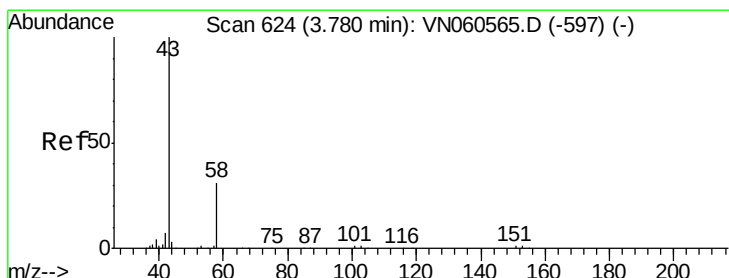
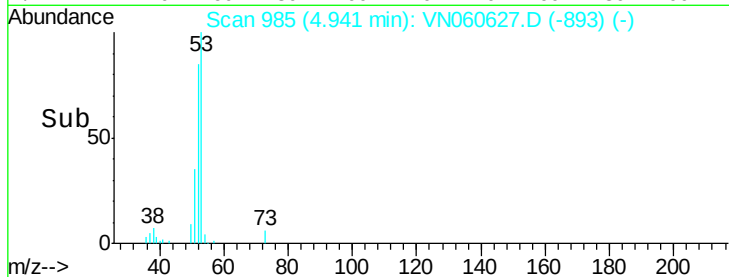
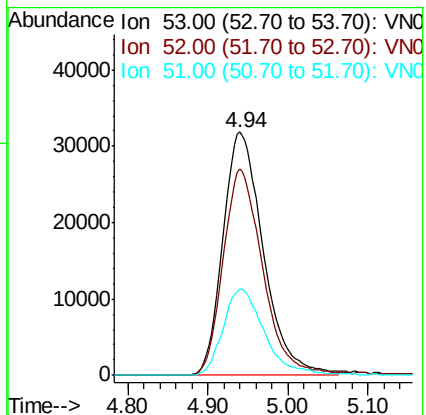
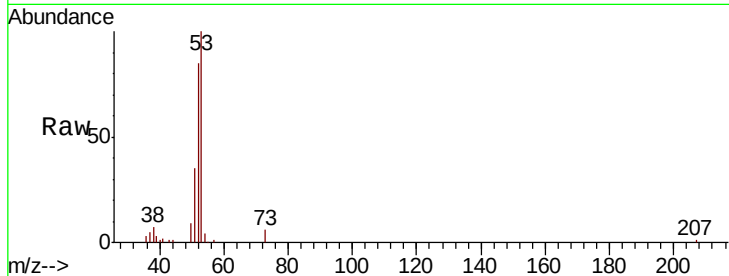
Tot Ion: 53 Resp: 110195

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.4

51 36.4 28.7 43.1



#16

Acetone

Concen: 94.147 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060627.D

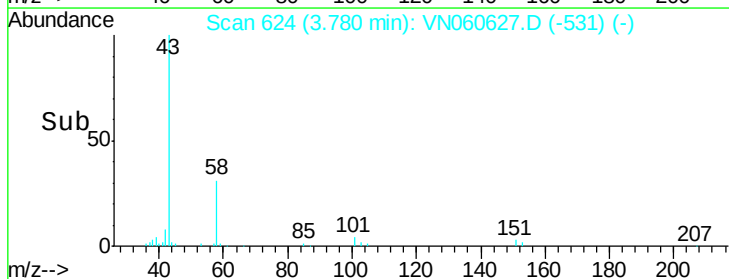
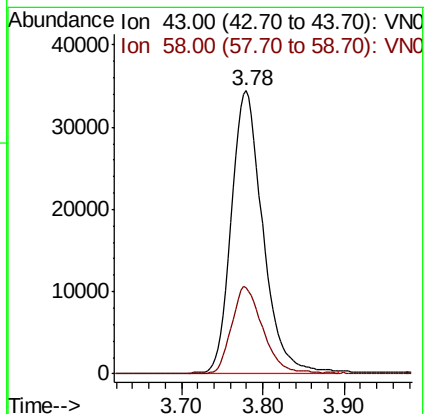
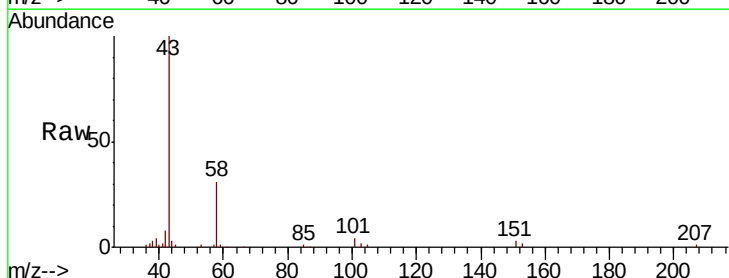
Acq: 19 Mar 2020 11:36

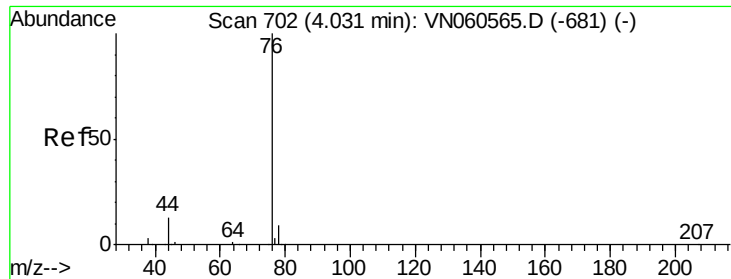
Tgt Ion: 43 Resp: 93379

Ion Ratio Lower Upper

43 100

58 30.6 25.1 37.7

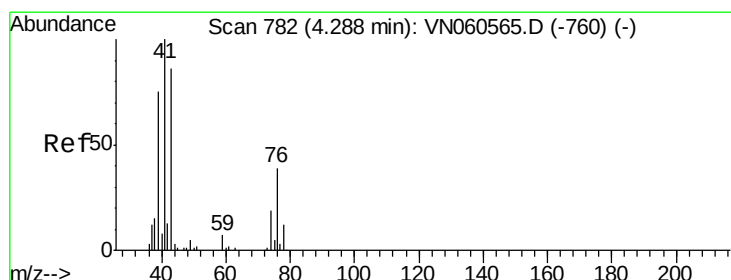
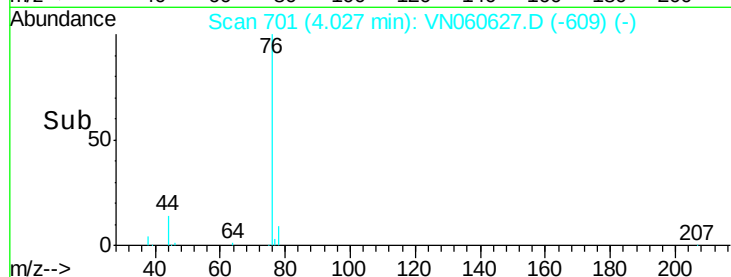
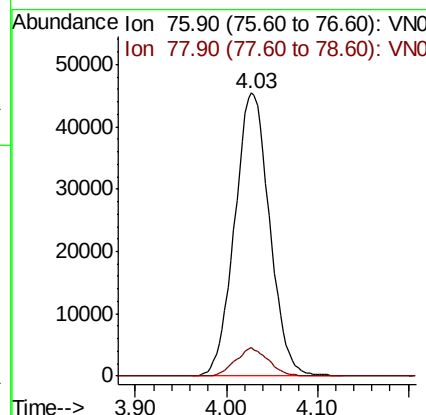
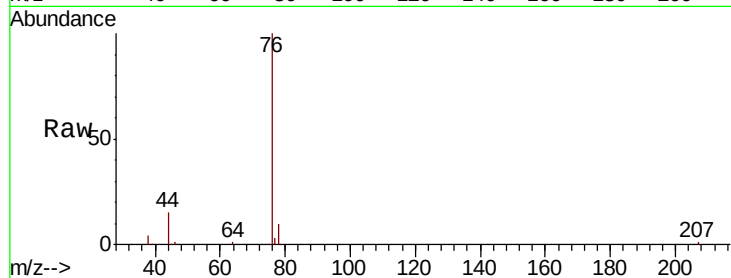




#17
Carbon Disulfide
Concen: 17.989 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

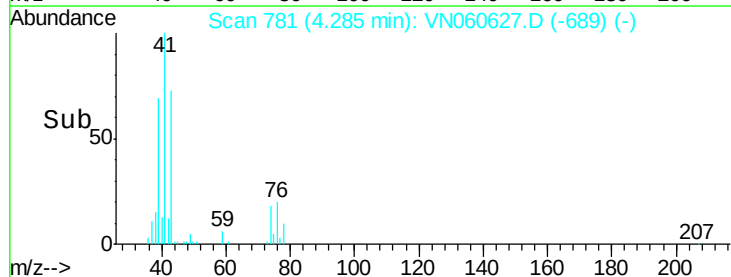
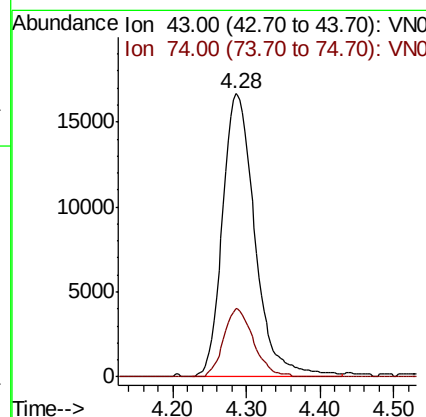
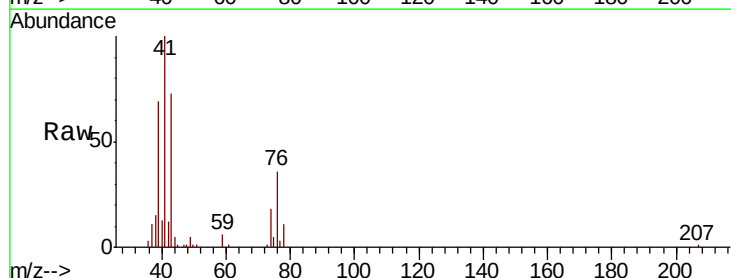
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

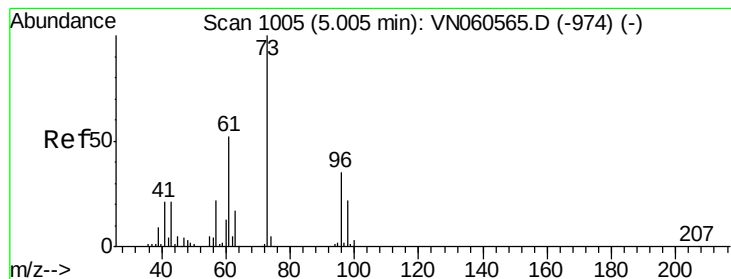
Tot Ion: 76 Resp: 120823
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 18.340 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 43 Resp: 51201
Ion Ratio Lower Upper
43 100
74 22.1 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 18.841 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

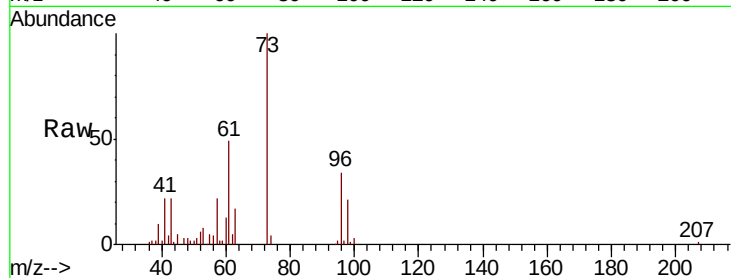
VN0319WBSD01

Tot Ion: 73 Resp: 143054

Ion Ratio Lower Upper

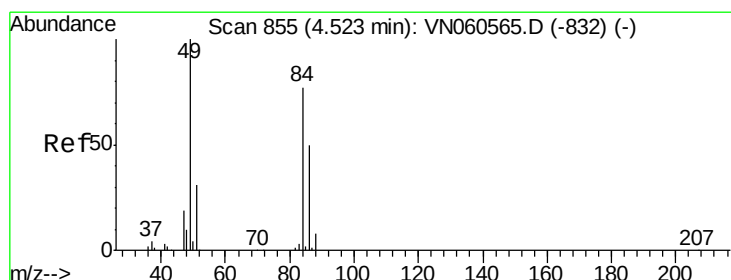
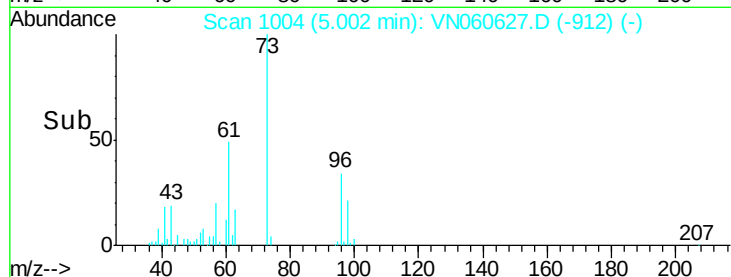
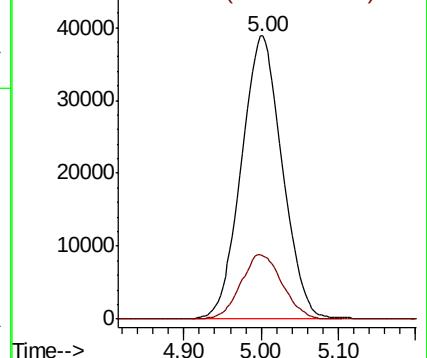
73 100

57 22.2 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 18.554 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Tgt Ion: 84 Resp: 45269

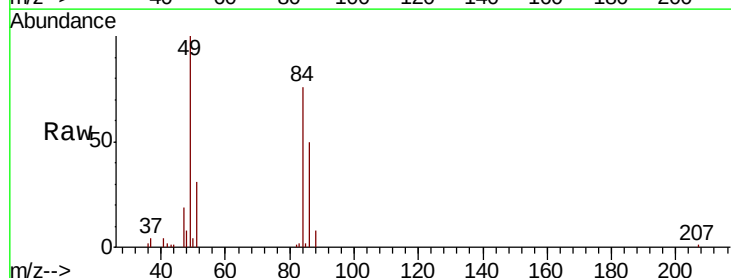
Ion Ratio Lower Upper

84 100

49 131.4 103.3 154.9

51 40.4 31.6 47.4

86 65.3 52.0 78.0

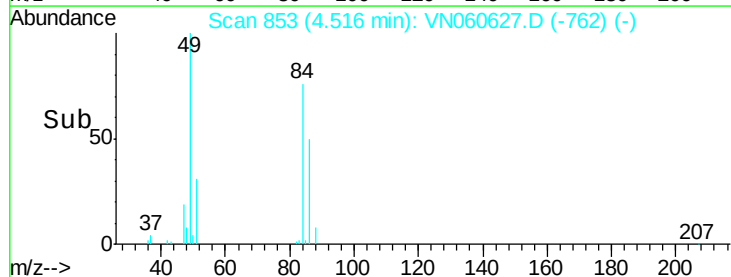
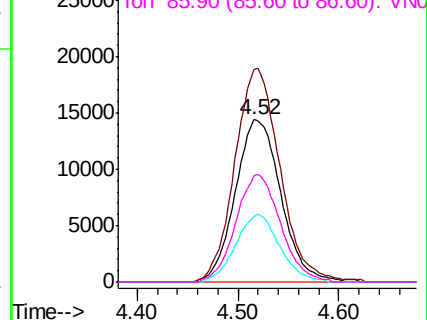


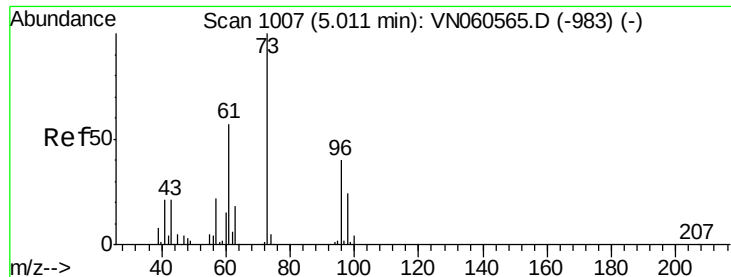
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

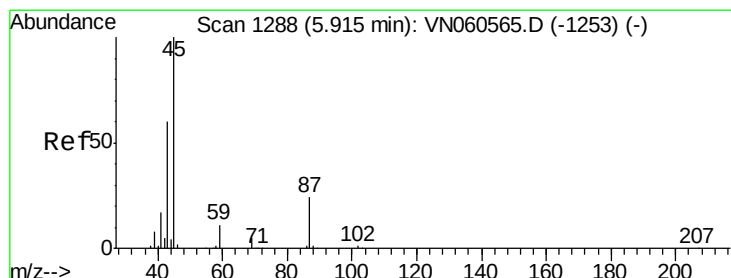
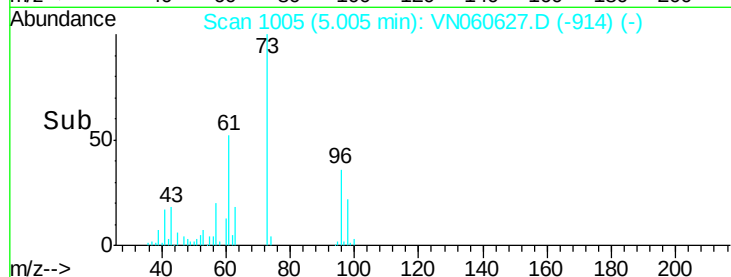
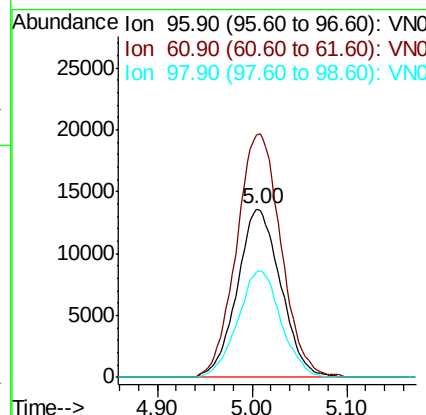
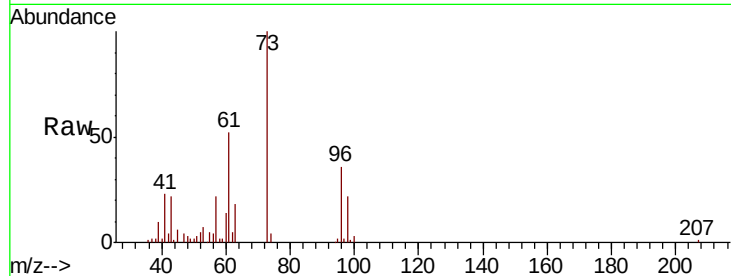




#21
trans-1,2-Dichloroethene
Concen: 18.480 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

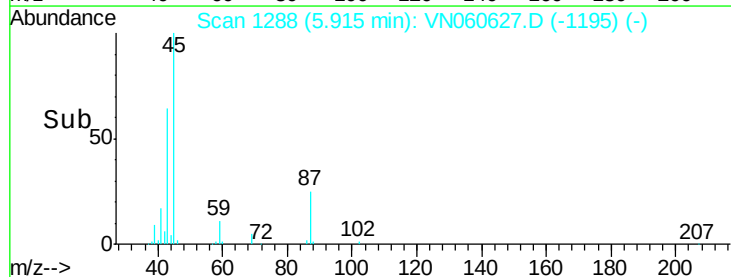
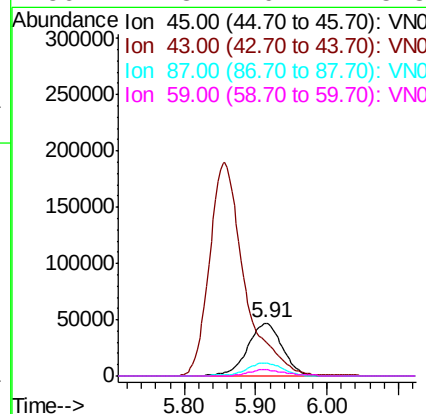
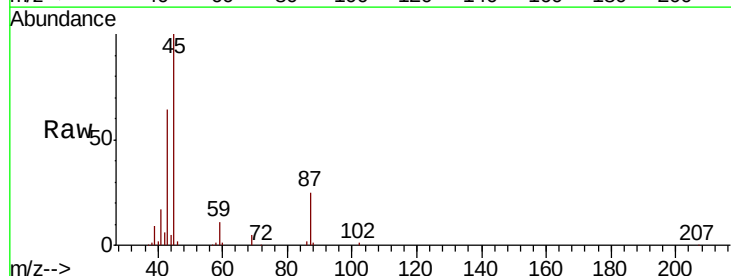
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

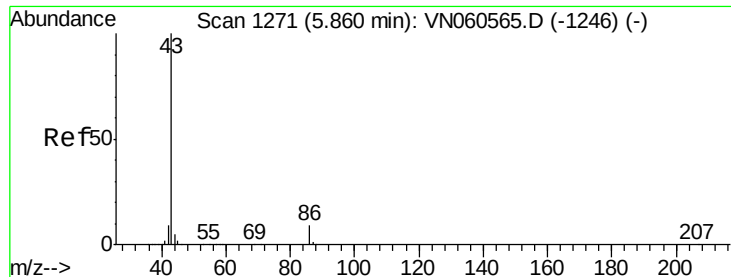
Tot Ion: 96 Resp: 43496
Ion Ratio Lower Upper
96 100
61 144.4 114.4 171.6
98 62.5 48.4 72.6



#22
Diisopropyl ether
Concen: 19.392 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 45 Resp: 159127
Ion Ratio Lower Upper
45 100
43 62.2 49.8 74.8
87 24.8 20.1 30.1
59 11.3 9.2 13.8





#23

Vinyl Acetate

Concen: 96.674 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

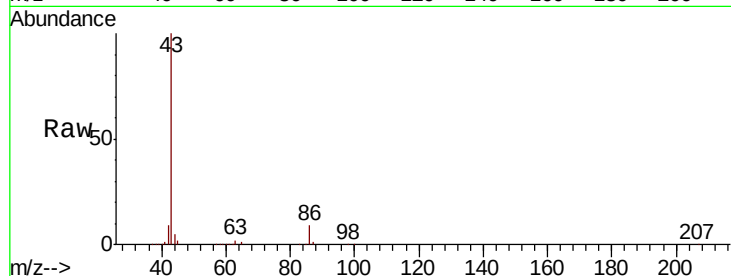
VN0319WBSD01

Tot Ion: 43 Resp: 647257

Ion Ratio Lower Upper

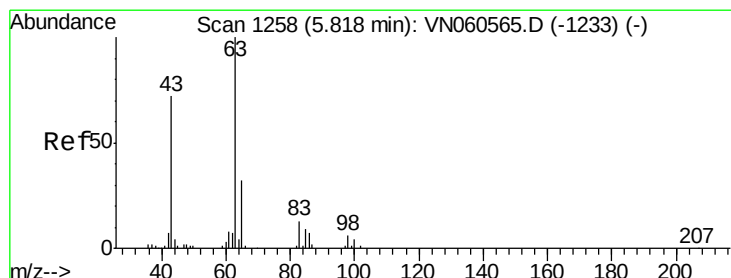
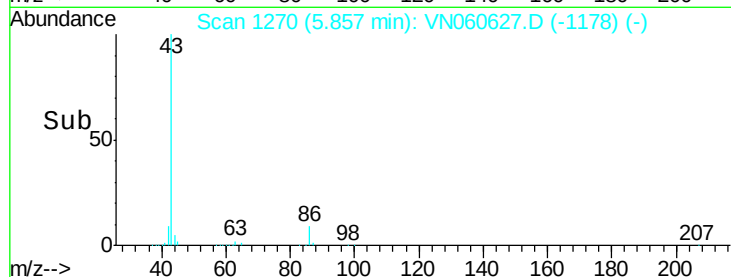
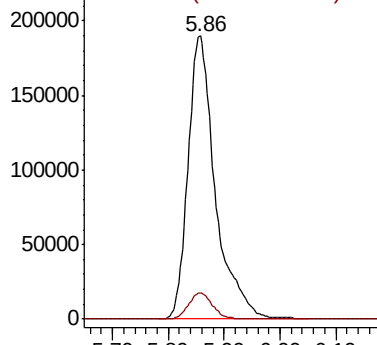
43 100

86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.750 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

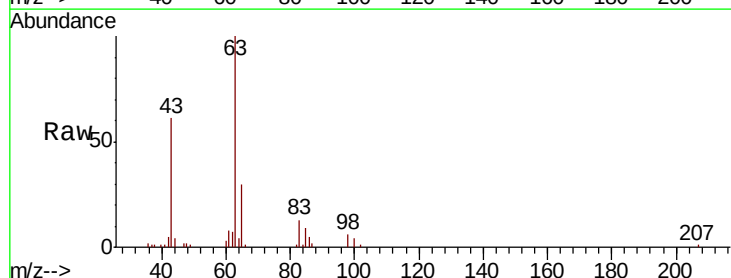
Tgt Ion: 63 Resp: 83875

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

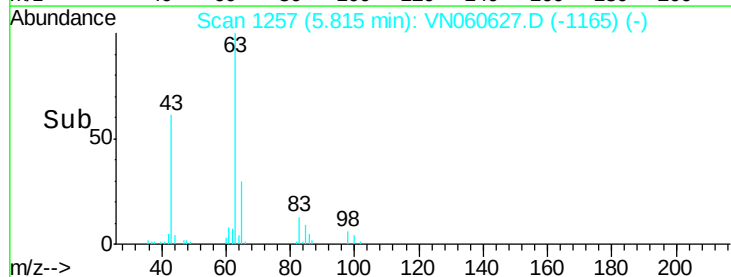
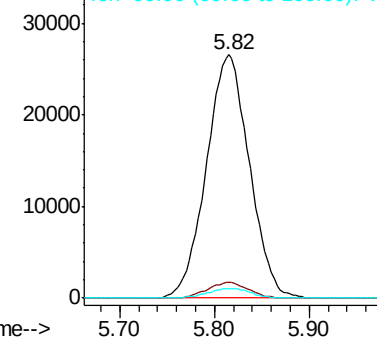
100 3.7 1.8 5.5

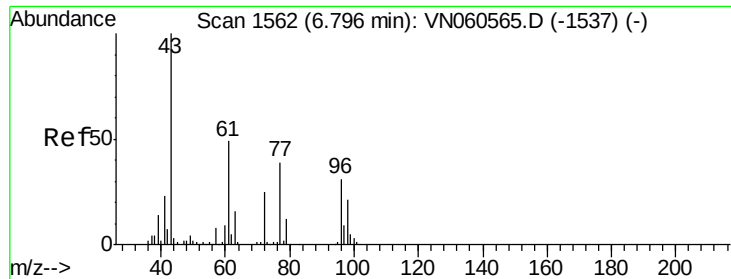


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

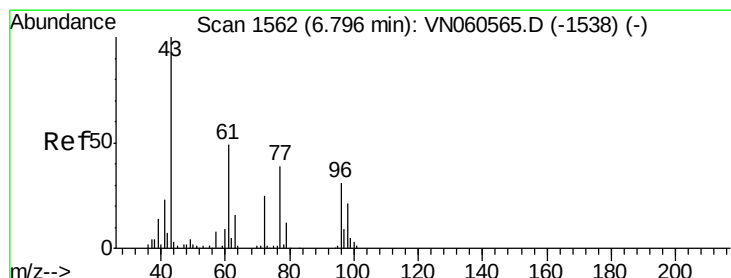
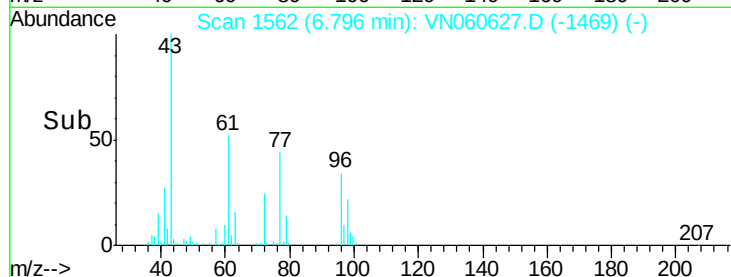
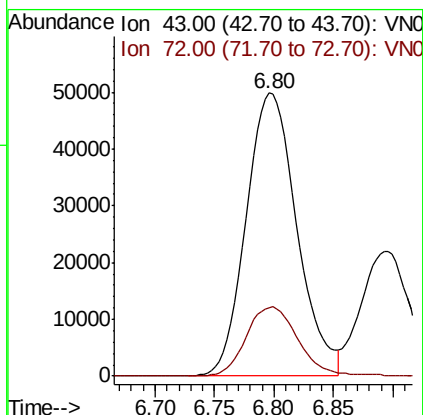
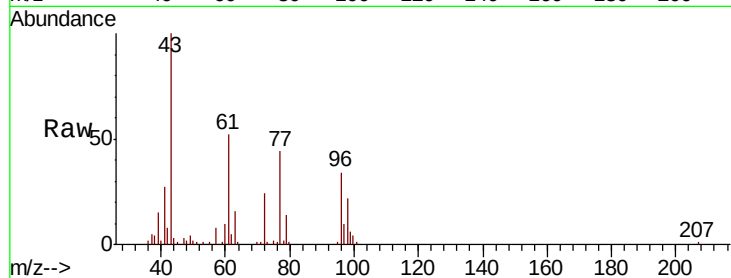




#25
2-Butanone
Concen: 91.756 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

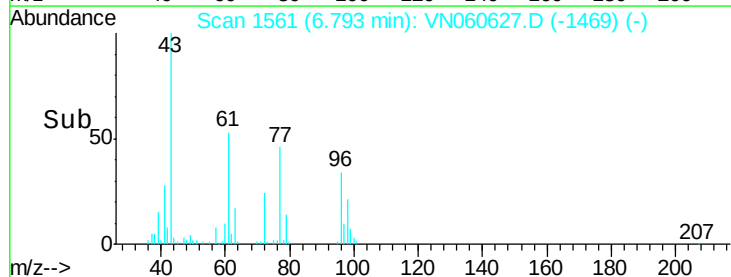
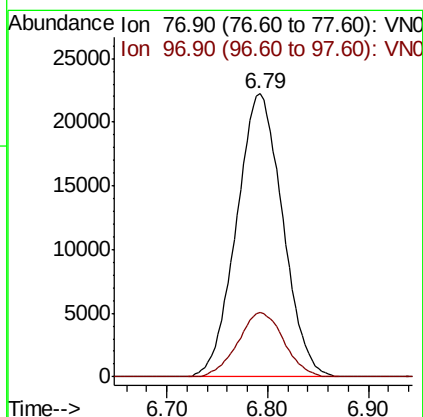
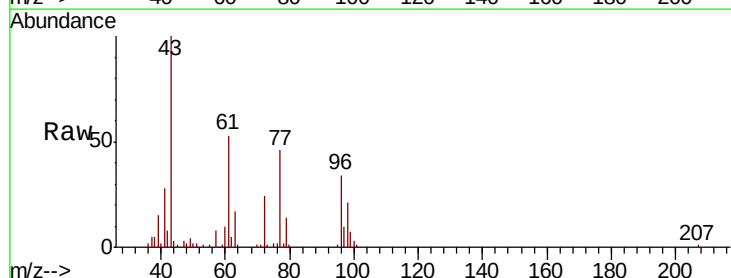
Instrument :
MSVOA_N
ClientSampled :
VN0319WBSD01

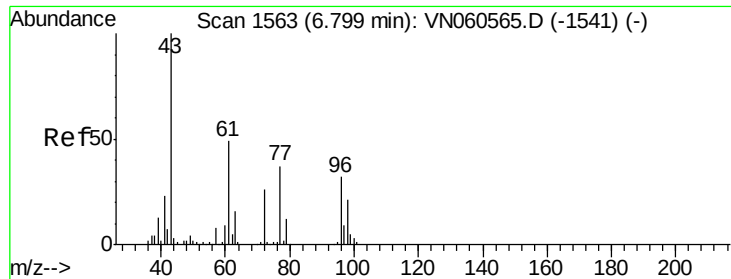
Tot Ion: 43 Resp: 147266
Ion Ratio Lower Upper
43 100
72 24.1 20.4 30.6



#26
2,2-Dichloropropane
Concen: 20.062 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 77 Resp: 70610
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.629 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

VN0319WBSD01

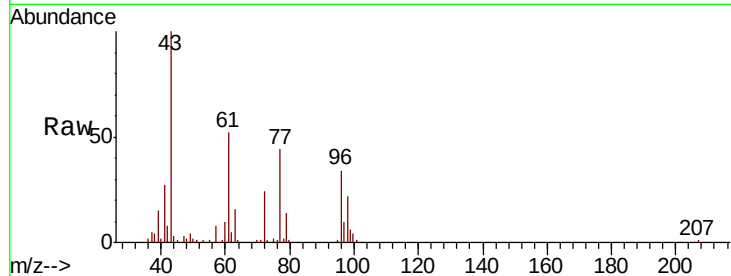
Tot Ion: 96 Resp: 49826

Ion Ratio Lower Upper

96 100

61 155.5 0.0 305.6

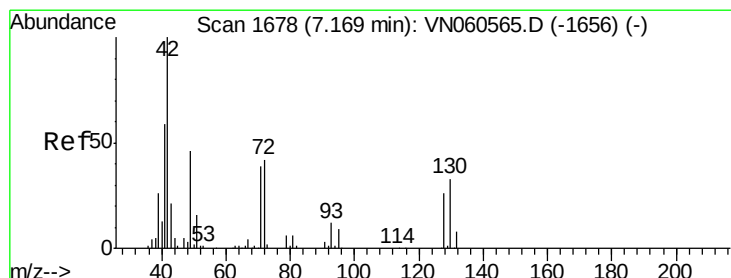
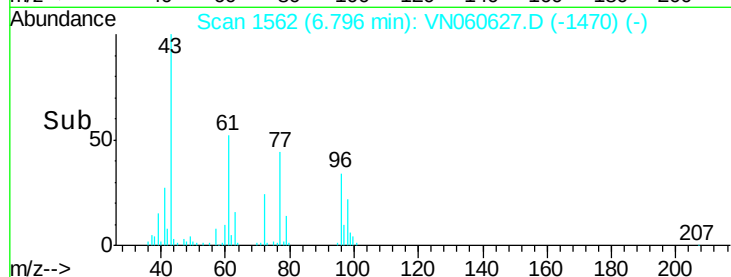
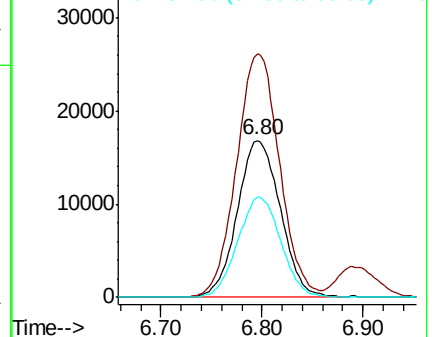
98 64.0 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.272 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

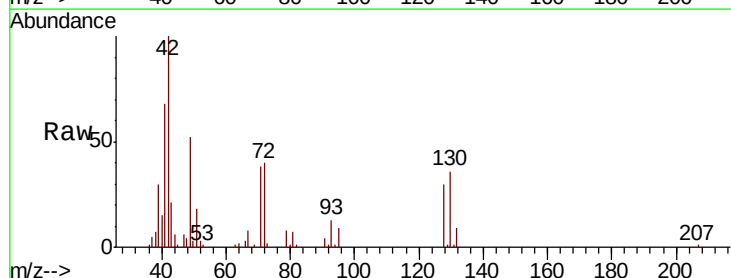
Tgt Ion: 49 Resp: 41247

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.4

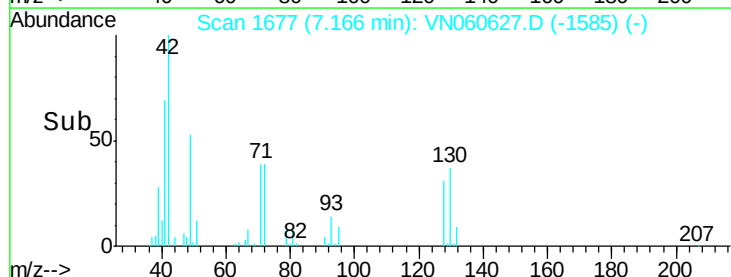
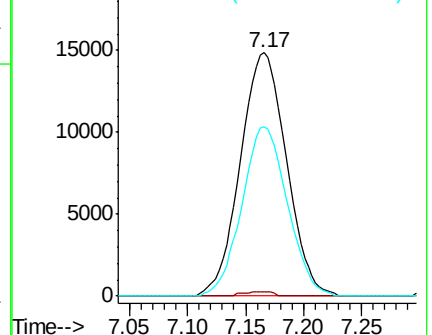
130 68.4 55.0 82.4

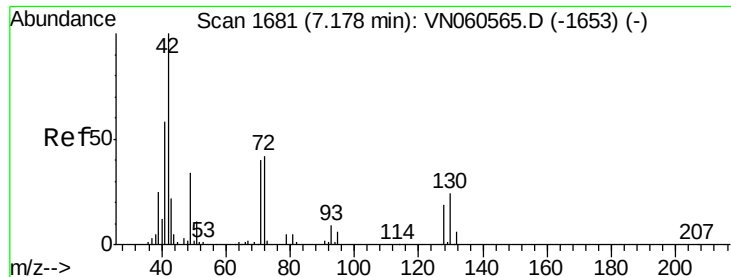


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

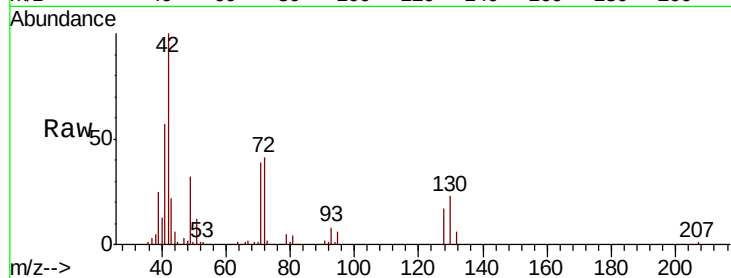




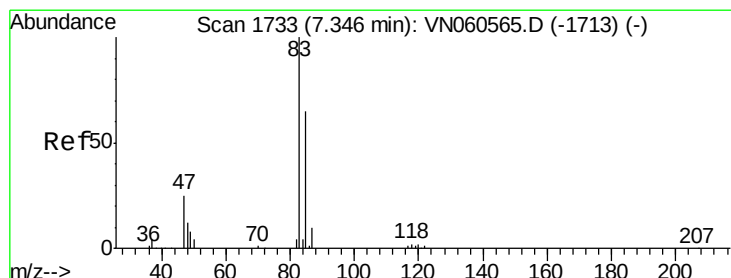
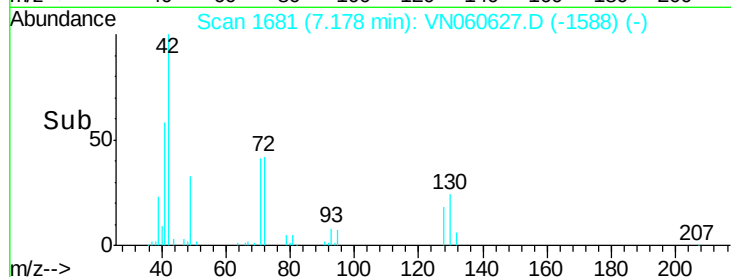
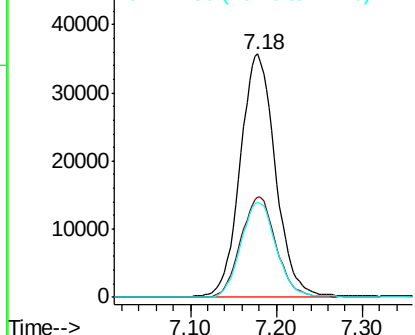
#29
Tetrahydrofuran
Concen: 89.699 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tot Ion: 42 Resp: 101861
Ion Ratio Lower Upper
42 100
72 41.2 33.2 49.8
71 38.9 31.1 46.7

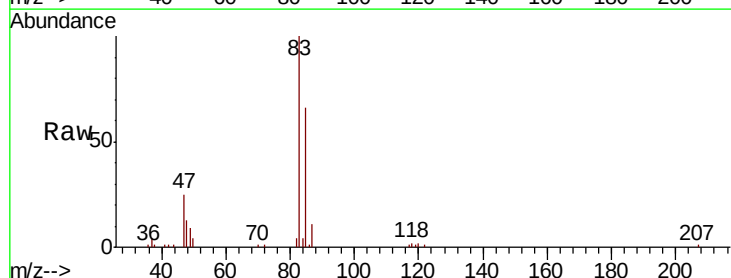


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

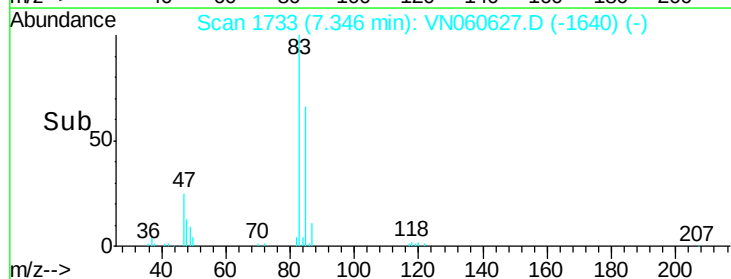
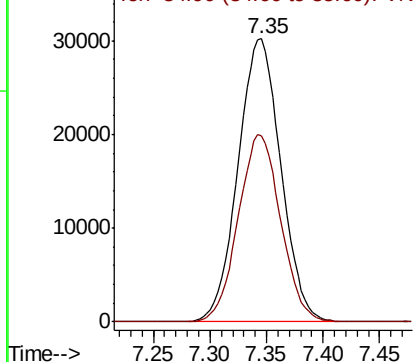


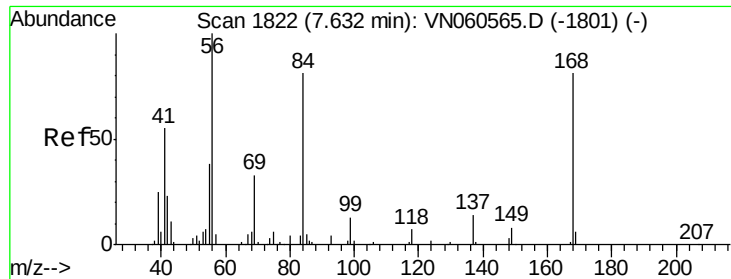
#30
Chloroform
Concen: 18.548 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 83 Resp: 79543
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.8



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

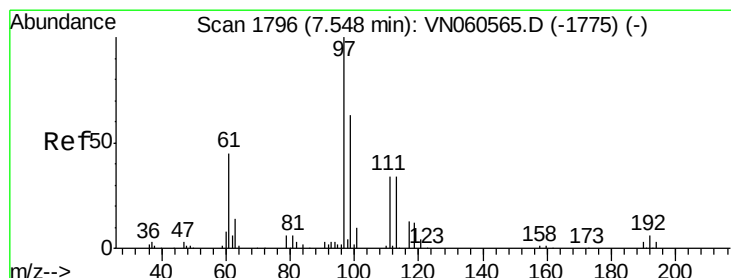
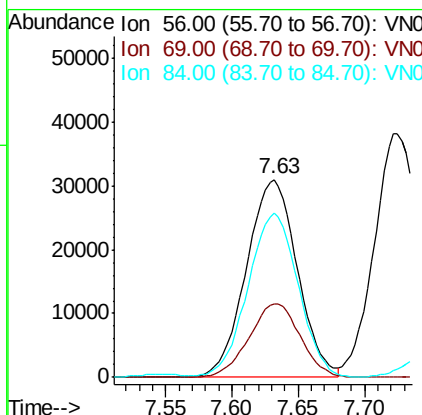
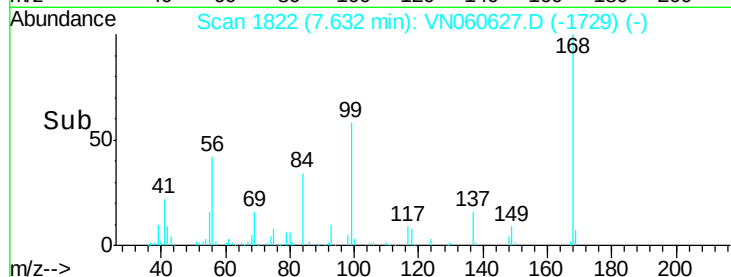
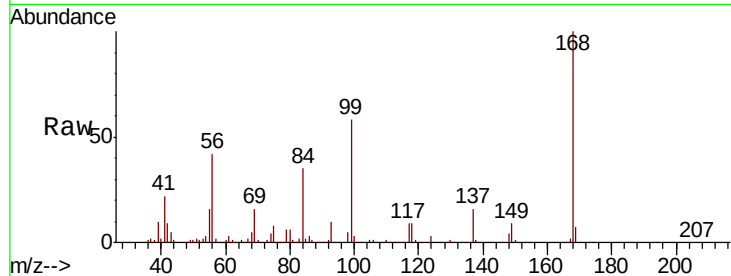




#31
Cyclohexane
Concen: 18.415 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

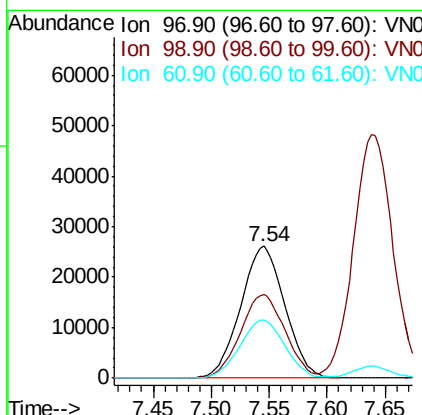
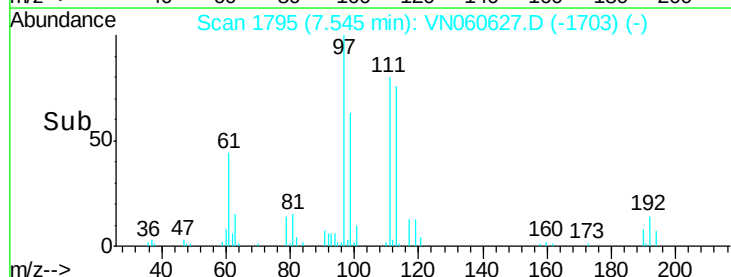
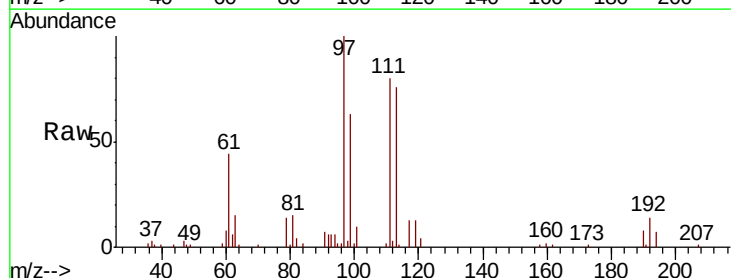
Instrument :
MSVOA_N
ClientSampled :
VN0319WBSD01

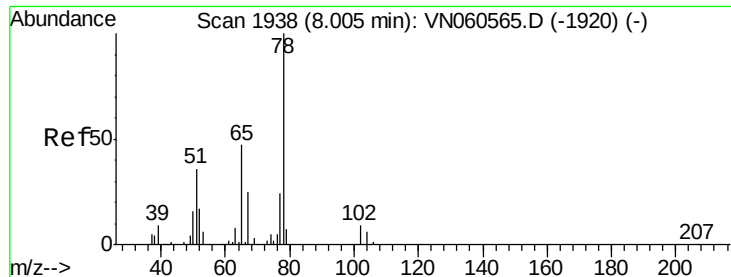
Tot Ion: 56 Resp: 83051
Ion Ratio Lower Upper
56 100
69 37.2 26.6 40.0
84 82.2 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 18.726 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 97 Resp: 69230
Ion Ratio Lower Upper
97 100
99 64.1 50.6 75.8
61 44.9 36.2 54.4

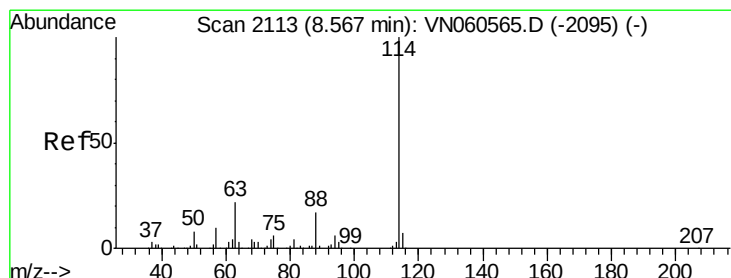
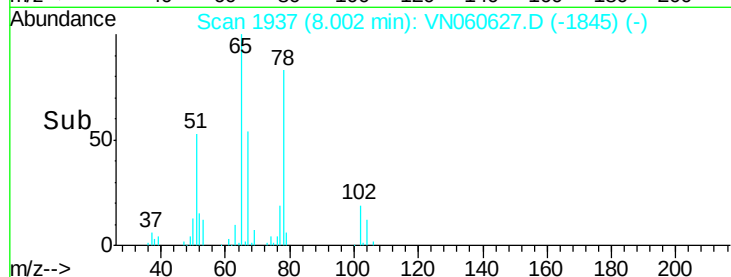
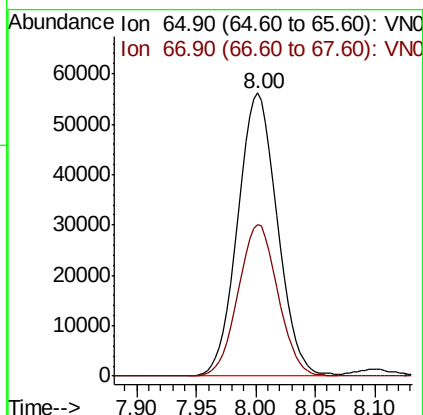
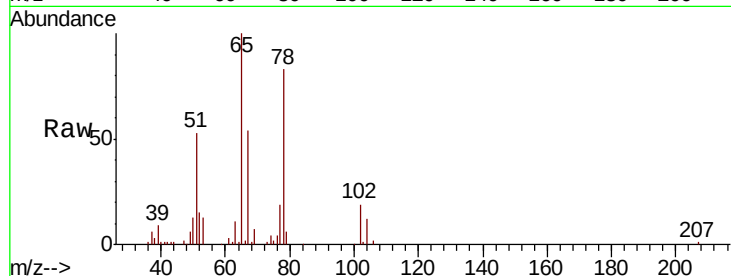




#33
 1,2-Dichloroethane-d4
 Concen: 46.409 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

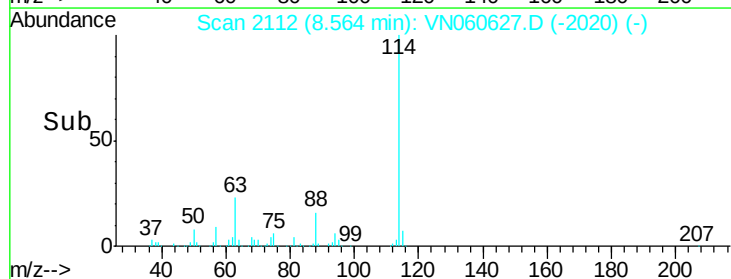
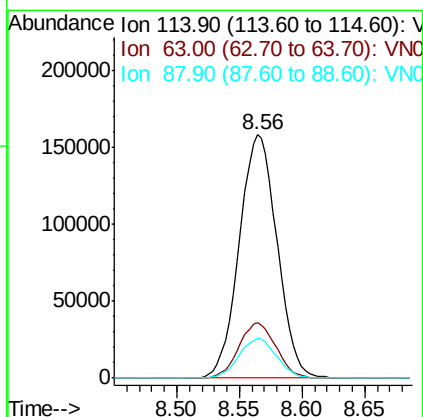
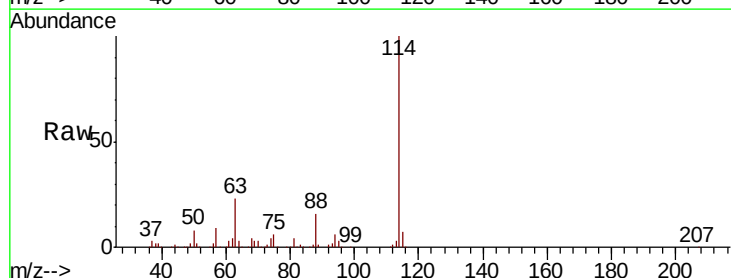
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

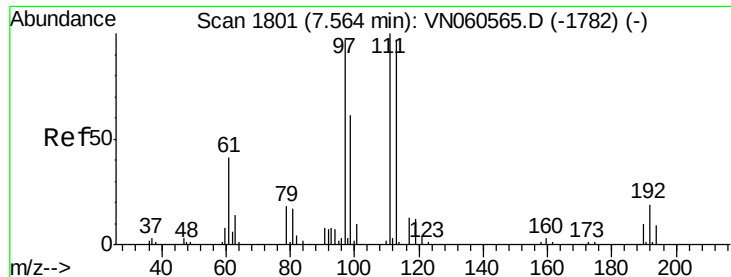
Tot Ion: 65 Resp: 129948
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Tgt Ion: 114 Resp: 331468
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.655 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

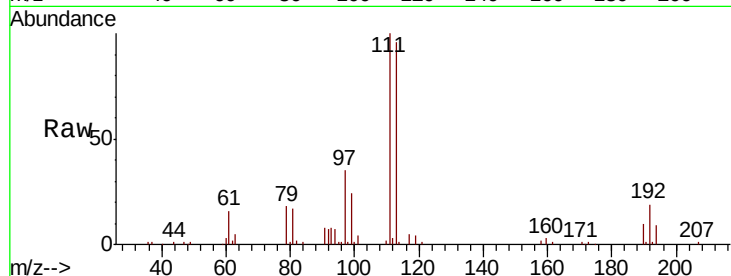
Tot Ion:113 Resp: 95515

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

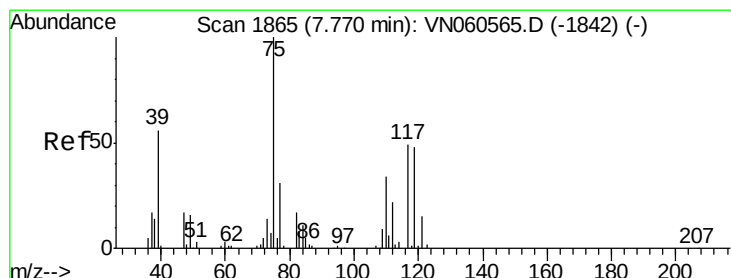
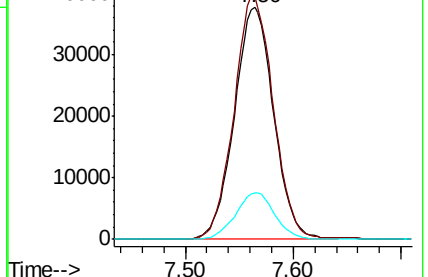
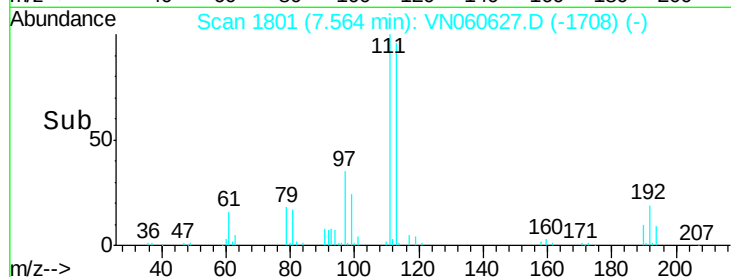
192 19.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.591 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

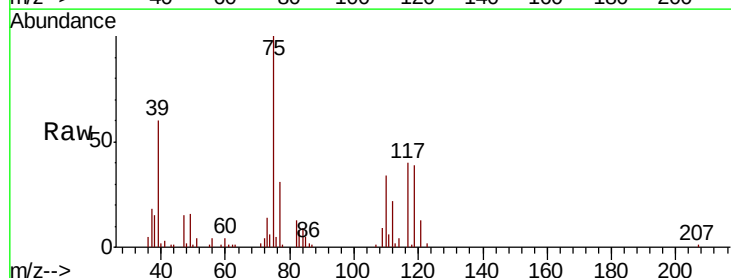
Tgt Ion: 75 Resp: 62879

Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.6

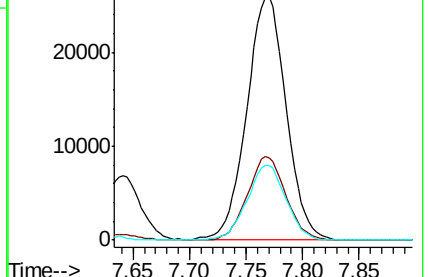
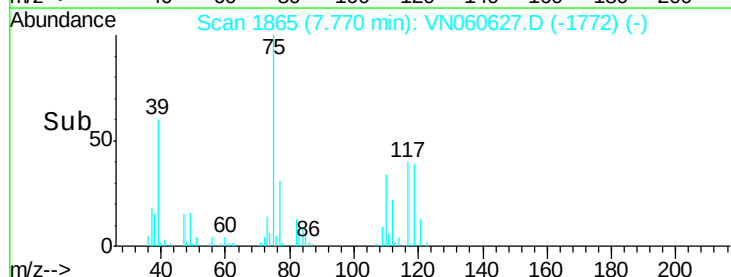
77 30.4 24.6 36.8

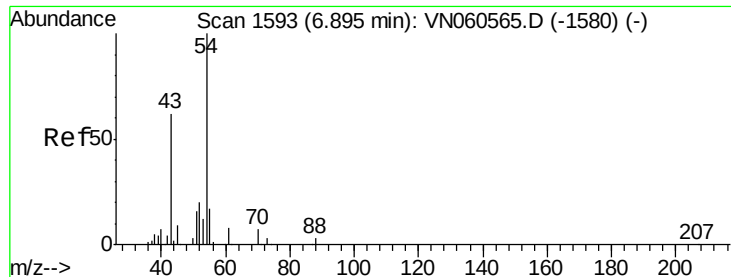


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

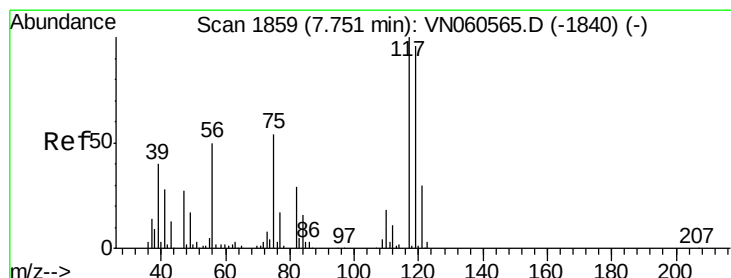
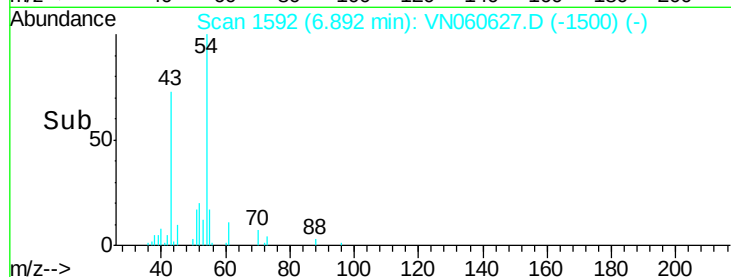
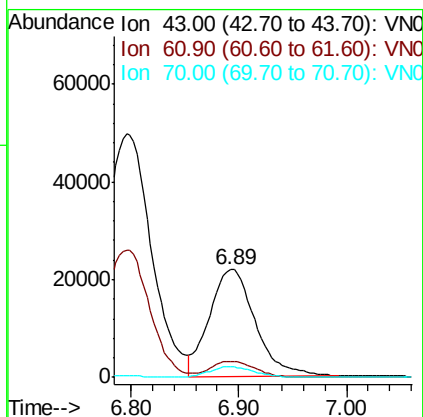
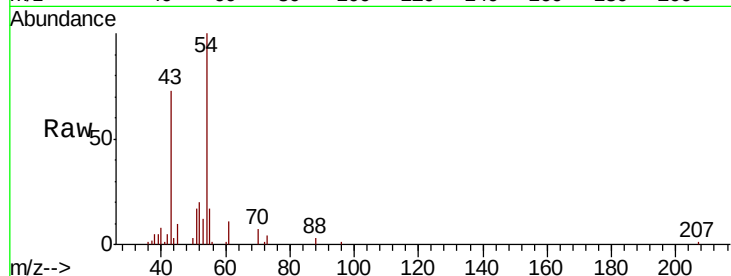




#37
Ethyl Acetate
Concen: 18.637 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

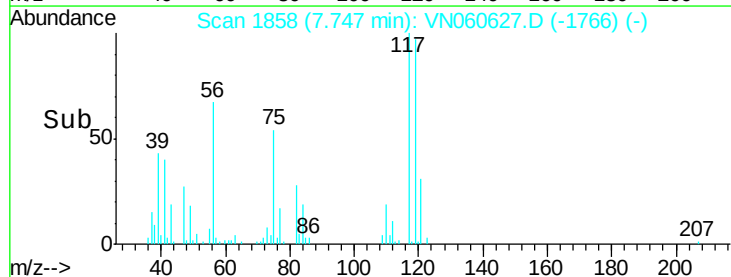
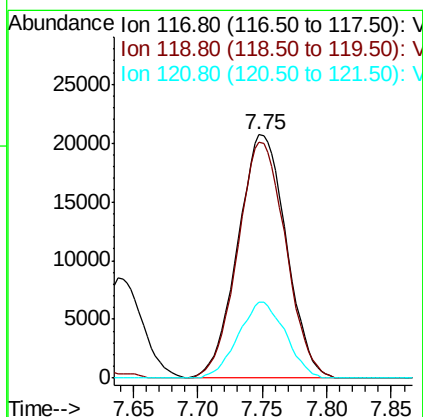
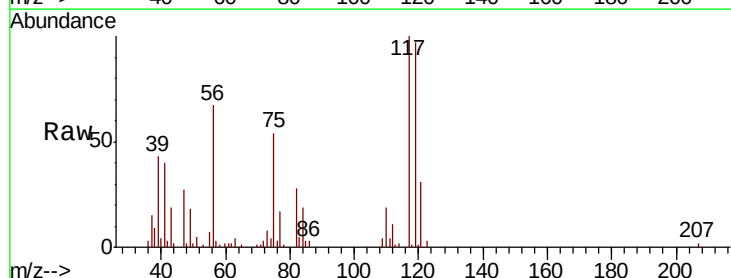
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

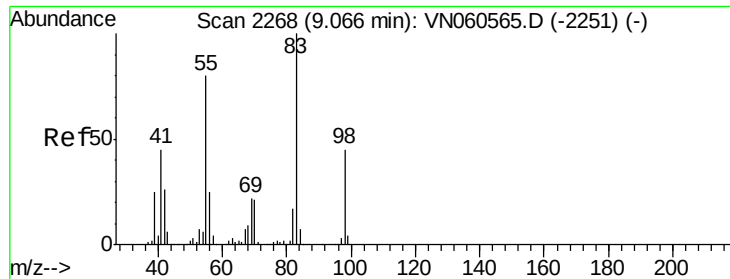
Tot Ion: 43 Resp: 64633
Ion Ratio Lower Upper
43 100
61 14.3 10.6 15.8
70 9.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.842 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 117 Resp: 54201
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.2
121 31.3 23.7 35.5

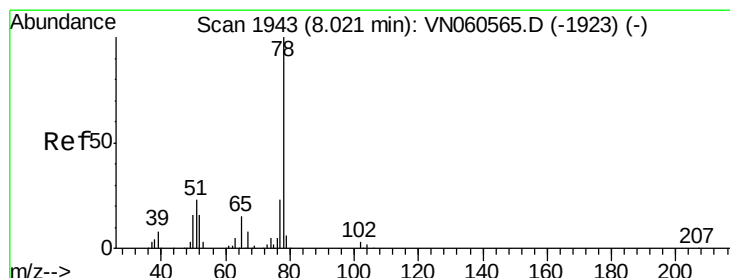
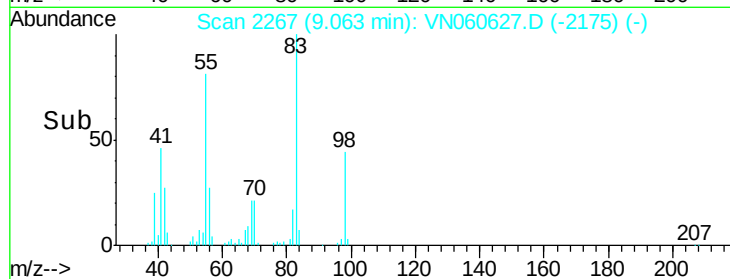
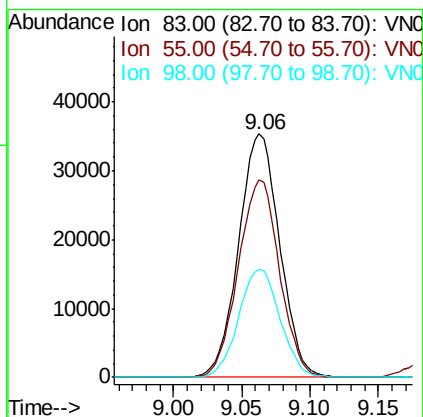
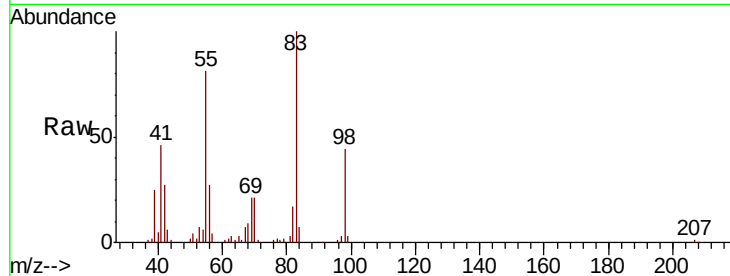




#39
Methylvlcyclohexane
Concen: 19.380 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

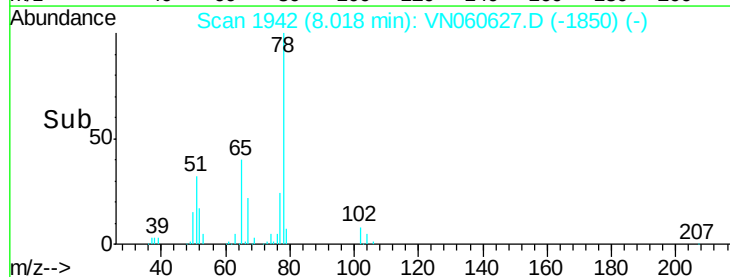
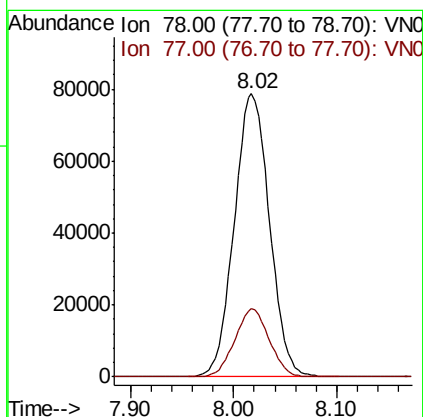
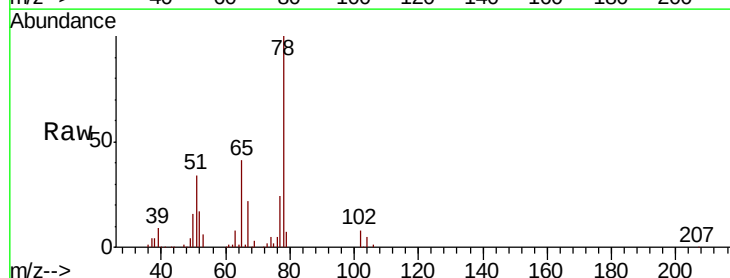
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

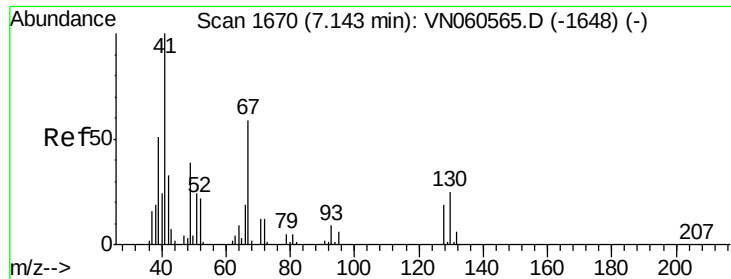
Tot Ion: 83 Resp: 73919
Ion Ratio Lower Upper
83 100
55 81.3 63.6 95.4
98 44.3 36.0 54.0



#40
Benzene
Concen: 19.317 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 78 Resp: 187164
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0

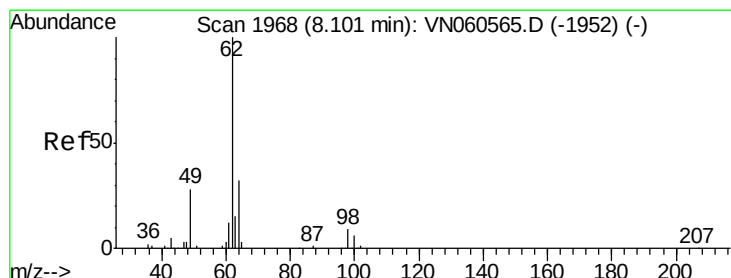
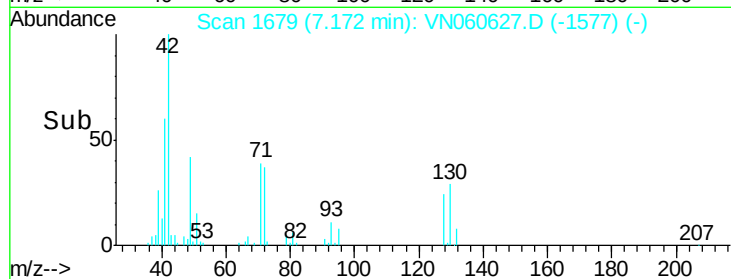
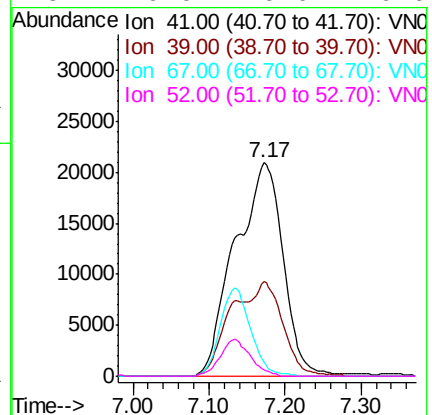
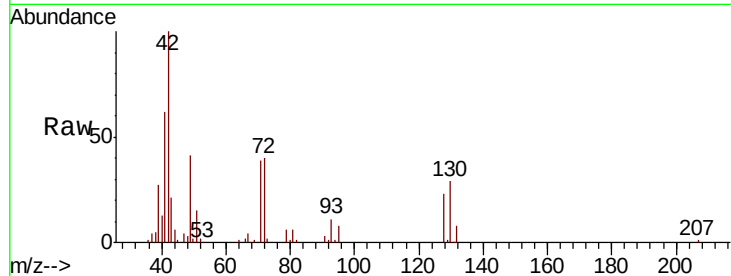




#41
Methacrylonitrile
Concen: 61.983 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

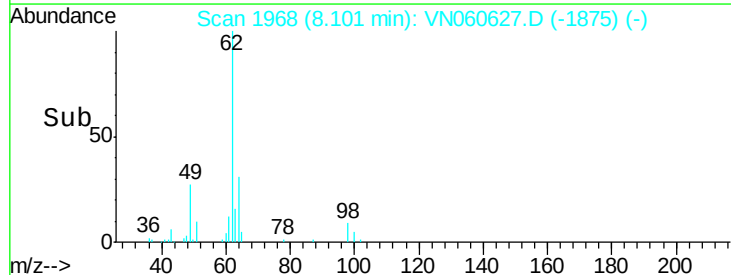
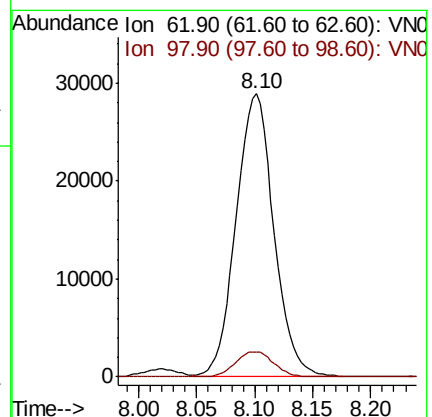
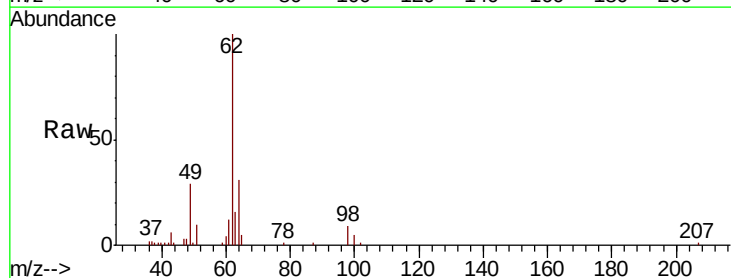
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

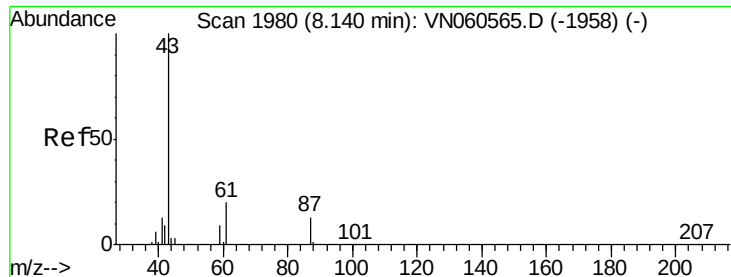
Tot Ion:	41	Resp:	91740
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.803 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion:	62	Resp:	65574
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.947 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

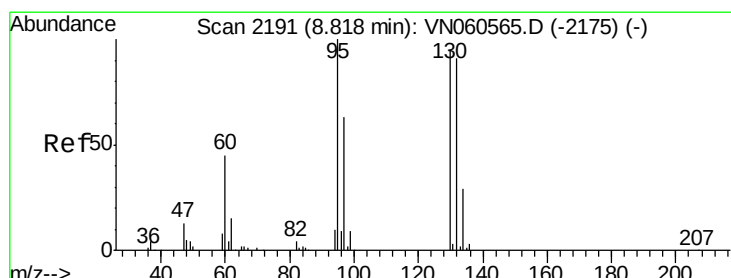
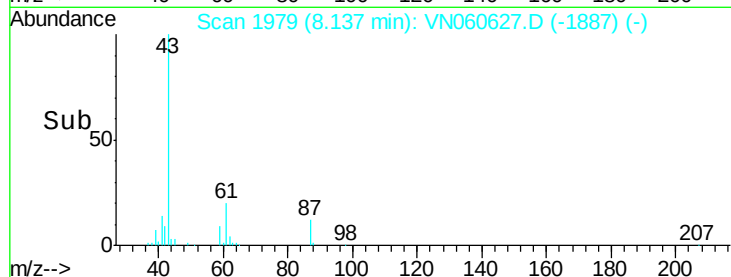
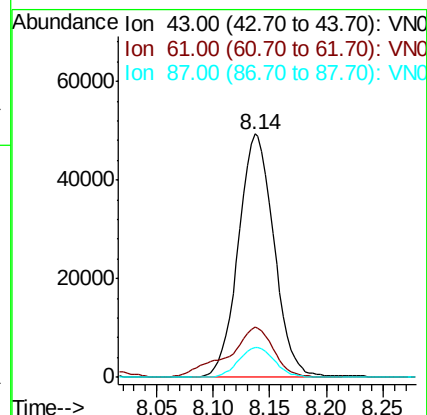
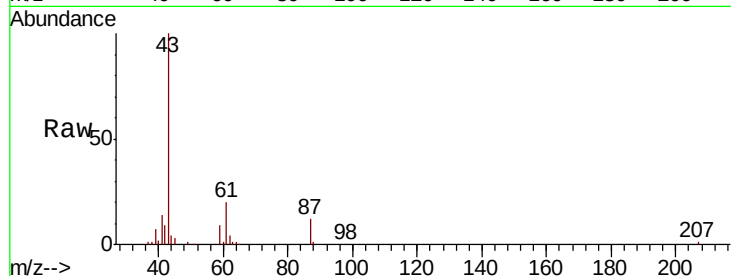
Tot Ion: 43 Resp: 108369

Ion Ratio Lower Upper

43 100

61 26.2 20.7 31.1

87 12.2 9.8 14.8



#44

Trichloroethene

Concen: 19.741 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060627.D

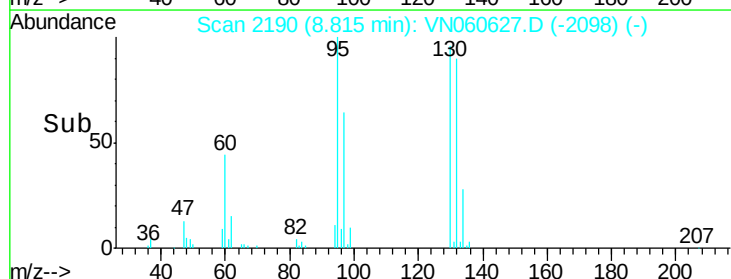
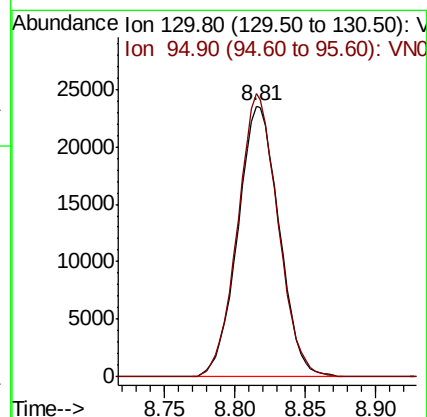
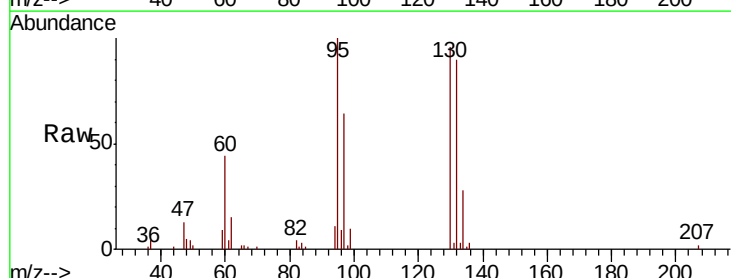
Acq: 19 Mar 2020 11:36

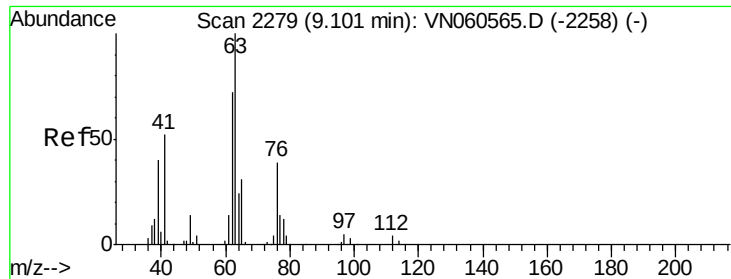
Tgt Ion: 130 Resp: 48218

Ion Ratio Lower Upper

130 100

95 104.6 0.0 211.2

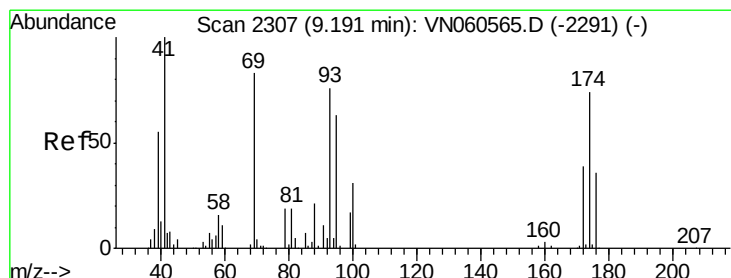
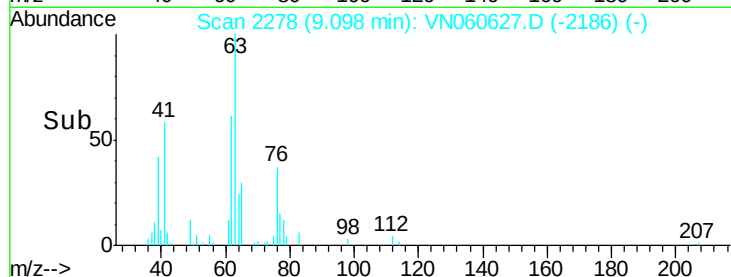
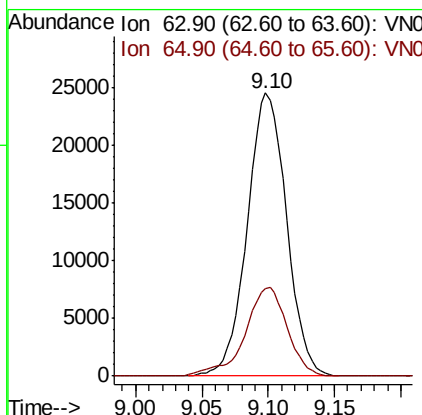
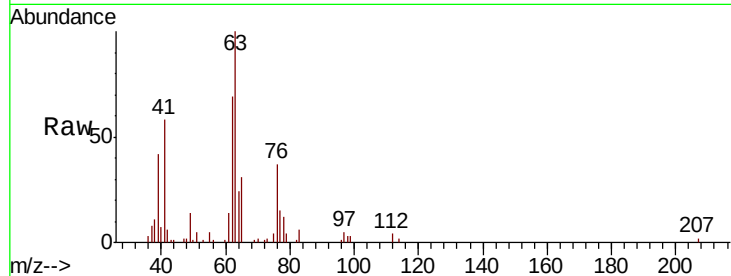




#45
 1,2-Dichloropropane
 Concen: 19.862 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

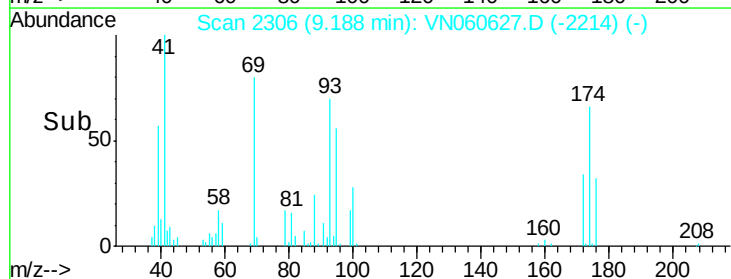
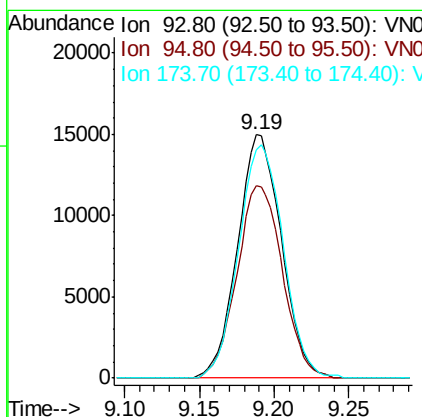
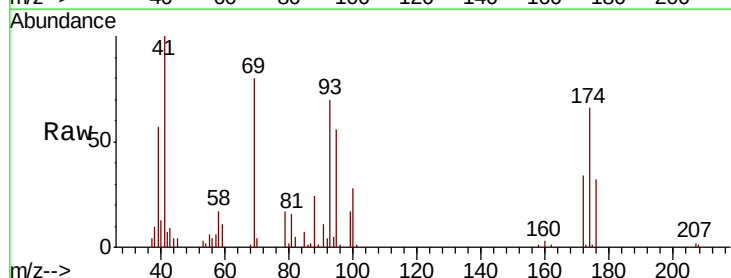
Instrument :
 MSVOA_N
 ClientSampled :
 VN0319WBSD01

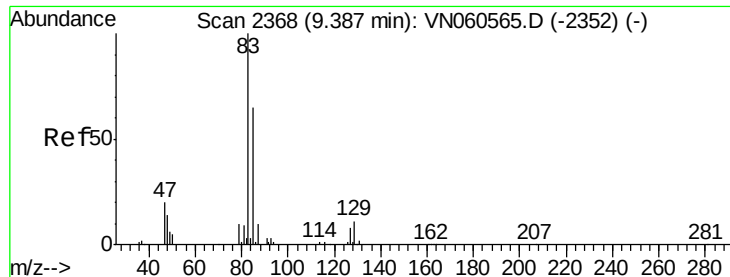
Tot Ion: 63 Resp: 50779
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.4 38.0



#46
 Dibromomethane
 Concen: 19.764 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Tgt Ion: 93 Resp: 30548
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.4
 174 97.8 77.9 116.9





#47

Bromodichloromethane

Concen: 19.322 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

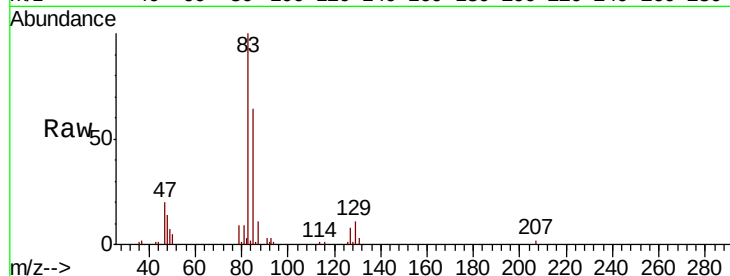
Tot Ion: 83 Resp: 62060

Ion Ratio Lower Upper

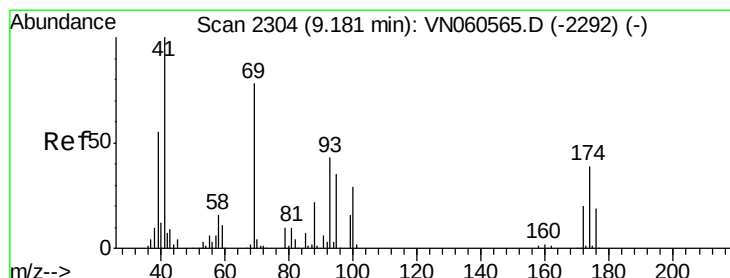
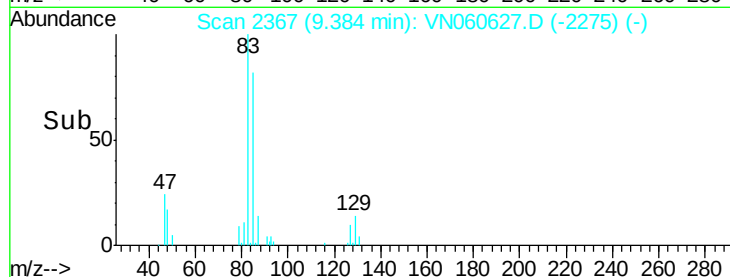
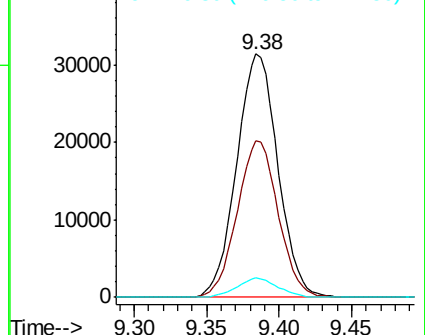
83 100

85 64.4 51.8 77.6

127 7.8 6.5 9.7



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



#48

Methyl methacrylate

Concen: 18.260 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

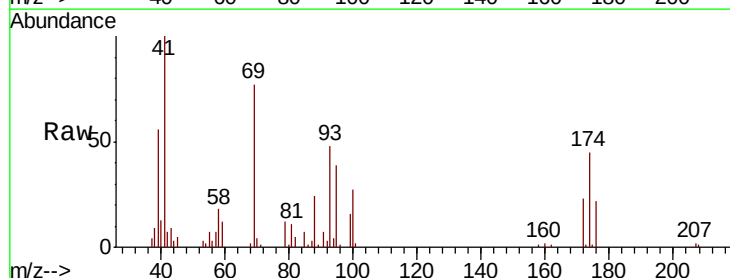
Tgt Ion: 41 Resp: 46500

Ion Ratio Lower Upper

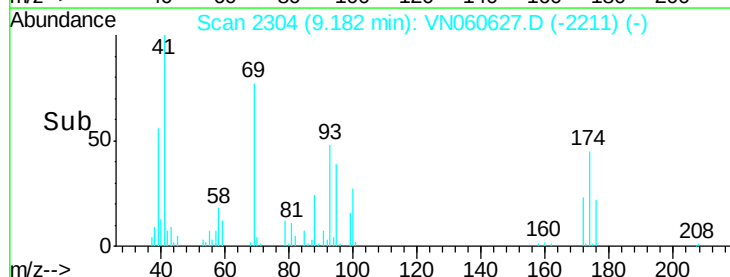
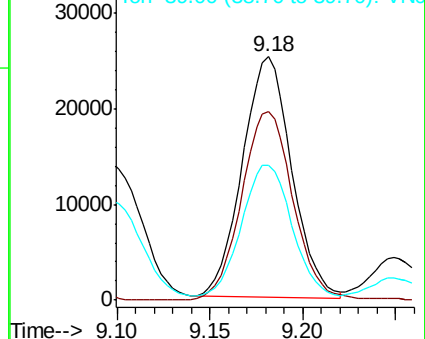
41 100

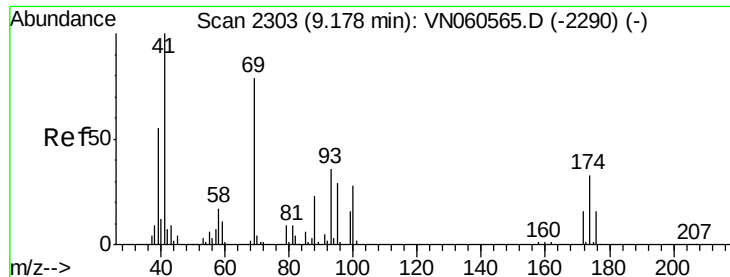
69 82.3 65.4 98.0

39 59.3 44.0 66.0



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

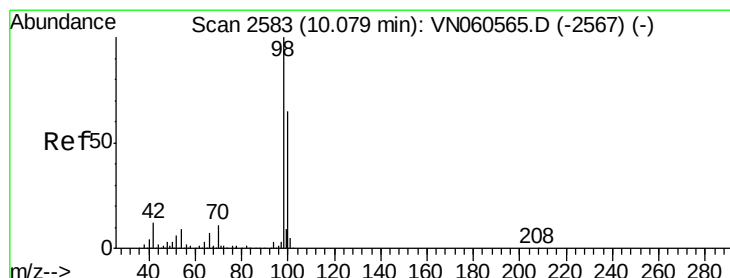
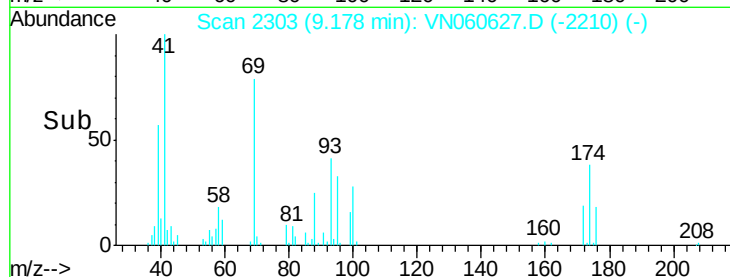
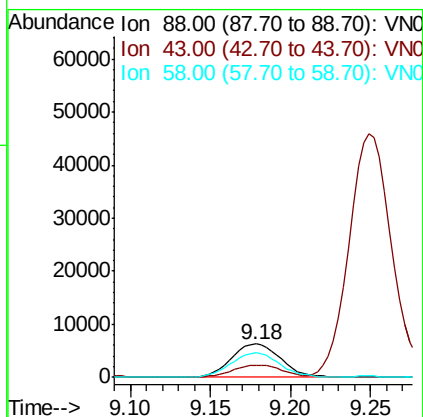
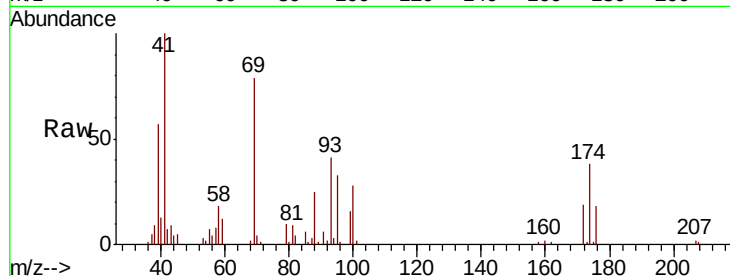




#49
1,4-Dioxane
Concen: 437.093 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

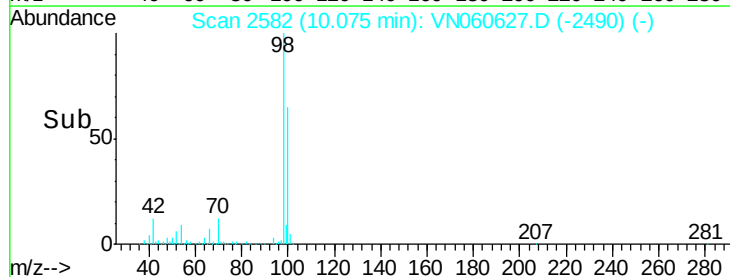
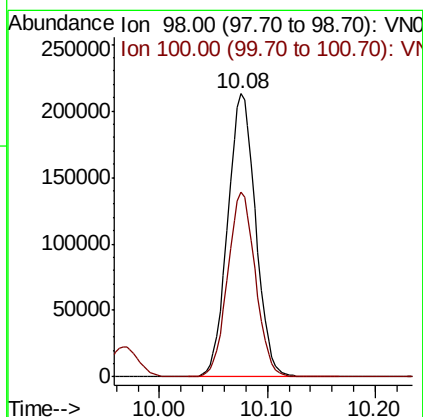
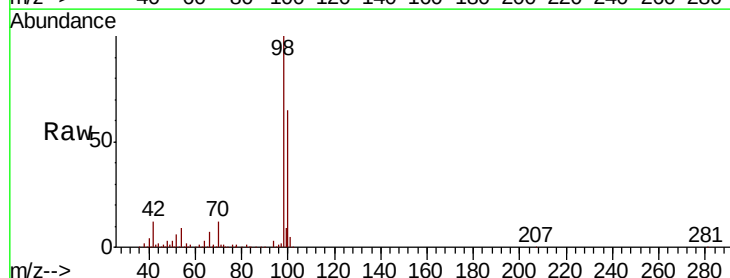
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

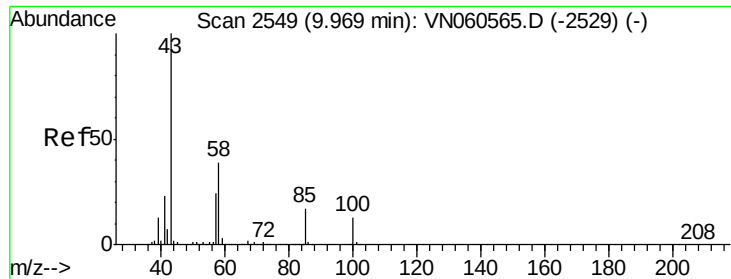
Tot Ion: 88 Resp: 13230
Ion Ratio Lower Upper
88 100
43 36.8 30.8 46.2
58 72.5 59.8 89.8



#50
Toluene-d8
Concen: 46.935 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 98 Resp: 384244
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8

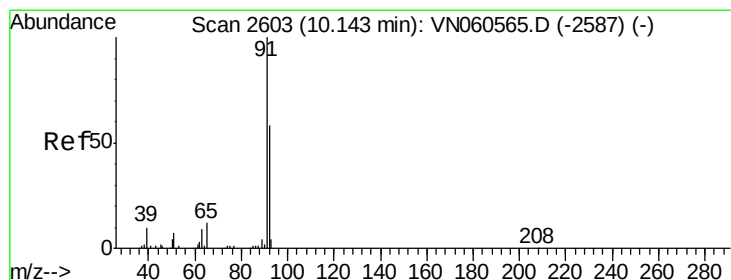
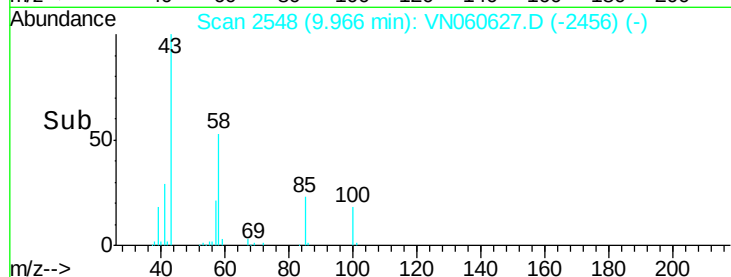
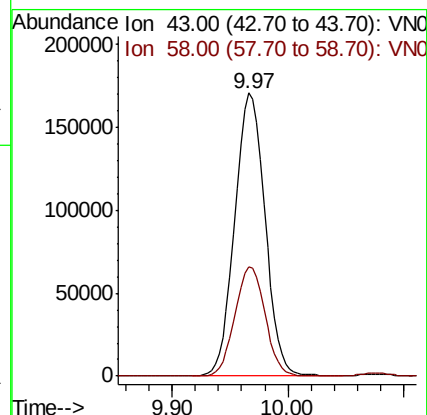
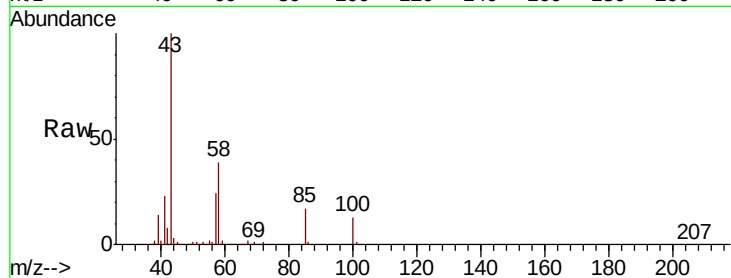




#51
 4-Methyl-2-Pentanone
 Concen: 94.838 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

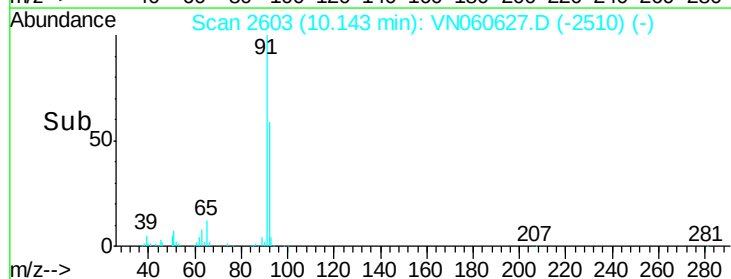
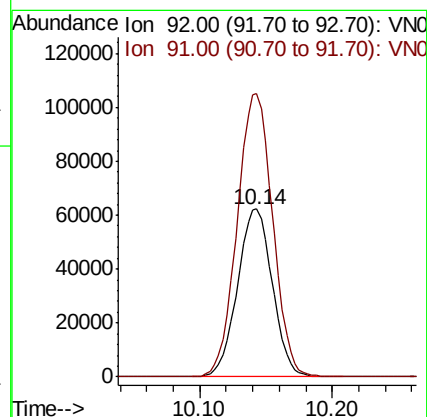
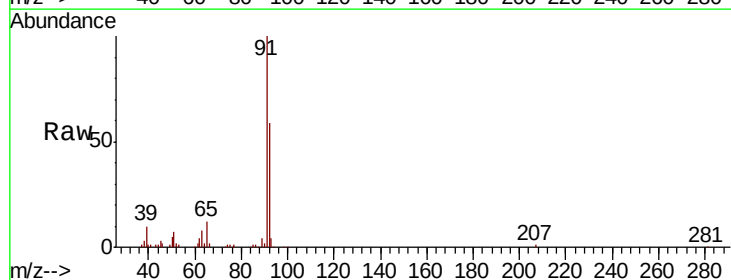
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

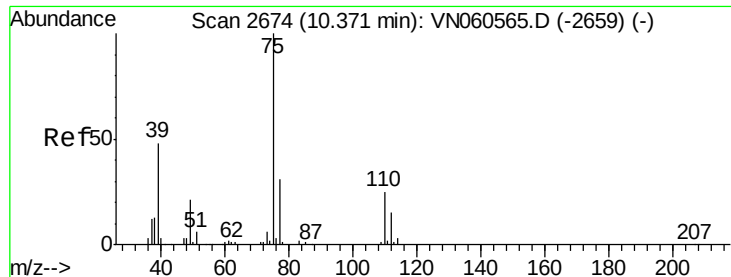
Tot Ion: 43 Resp: 308666
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.8 46.2



#52
 Toluene
 Concen: 19.437 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Tgt Ion: 92 Resp: 113737
 Ion Ratio Lower Upper
 92 100
 91 171.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.533 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

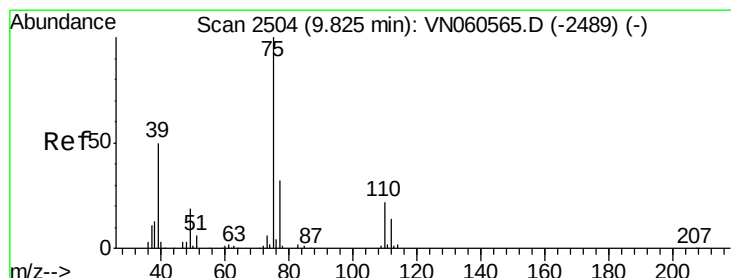
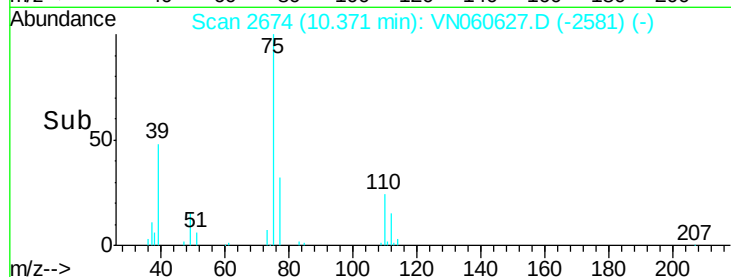
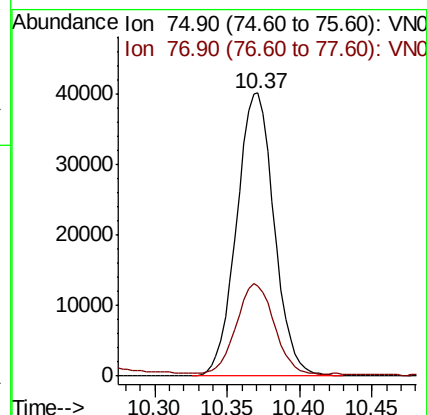
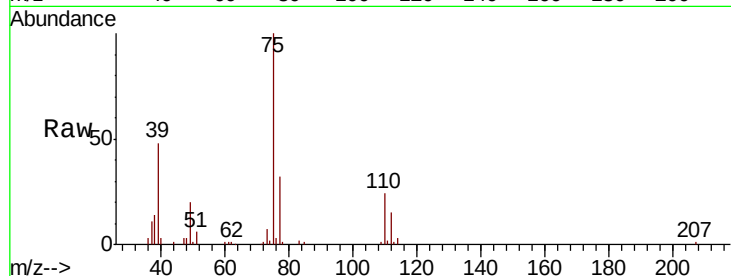
VN0319WBSD01

Tot Ion: 75 Resp: 72064

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.756 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

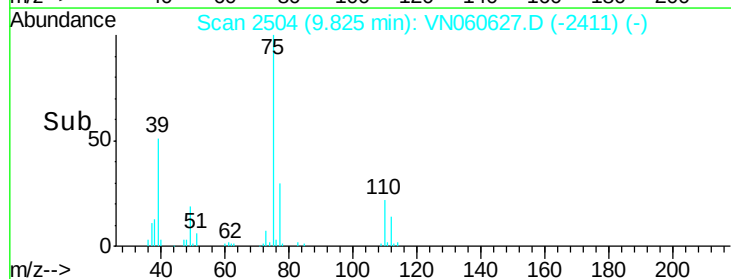
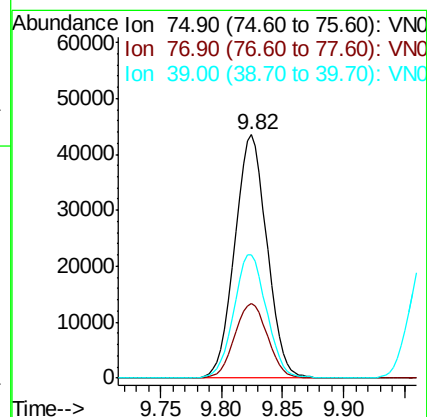
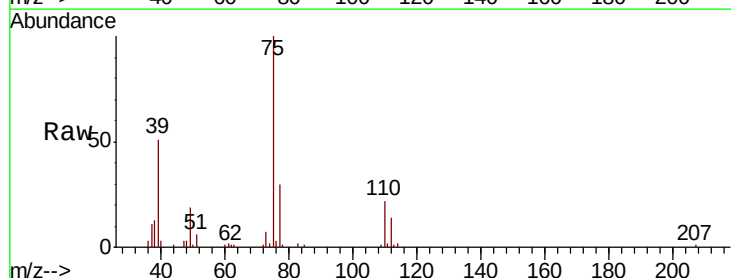
Tgt Ion: 75 Resp: 79962

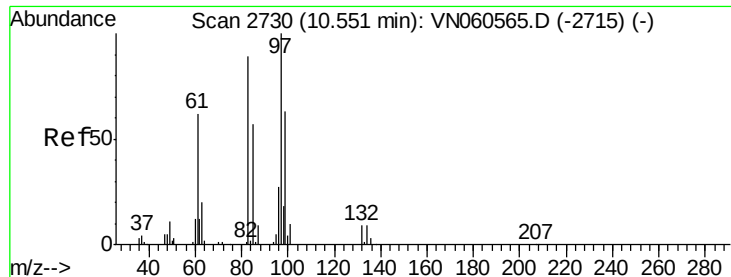
Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0

39 50.7 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 19.601 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tot Ion: 97 Resp: 44126

Ion	Ratio	Lower	Upper
97	100		
83	86.1	71.3	106.9
85	55.2	45.2	67.8
99	60.8	50.1	75.1

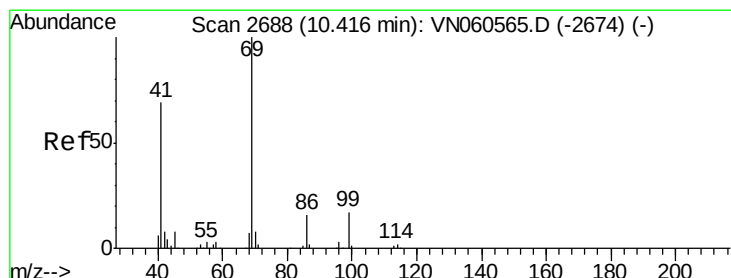
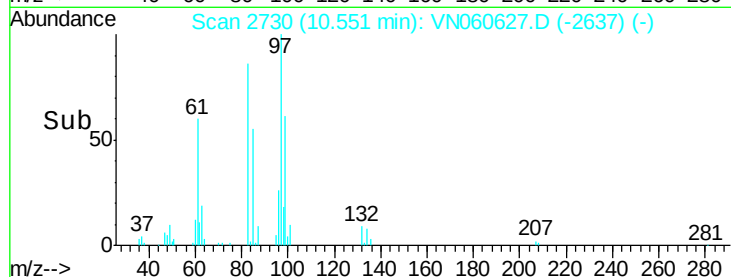
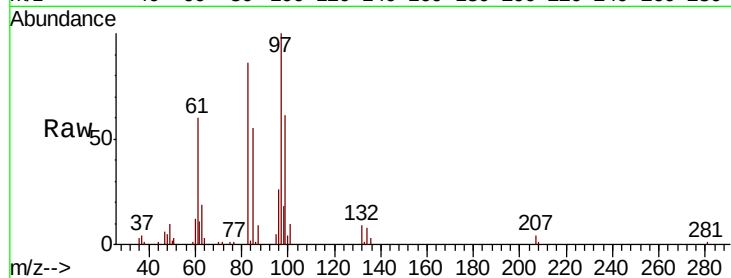
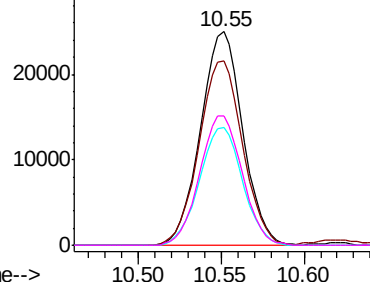
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.006 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Tgt Ion: 69 Resp: 66712

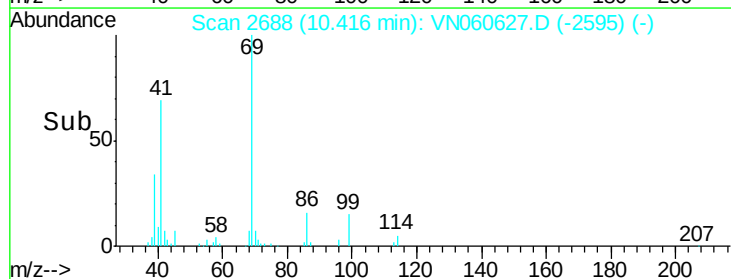
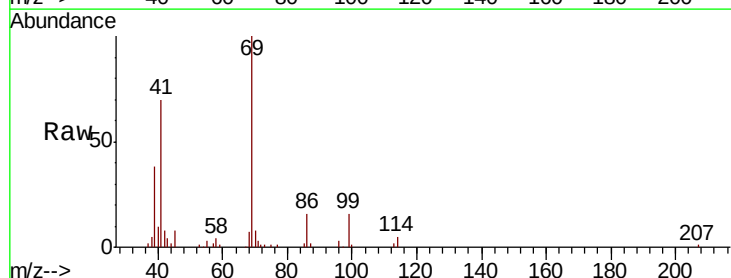
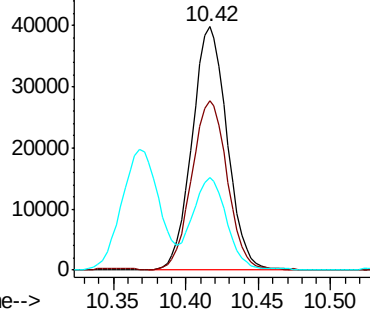
Ion	Ratio	Lower	Upper
69	100		
41	71.0	55.4	83.2
39	37.7	29.4	44.0

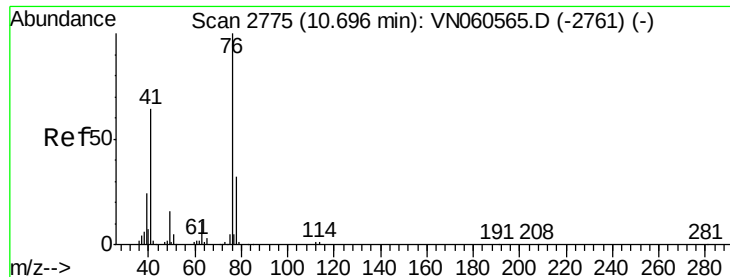
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.579 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

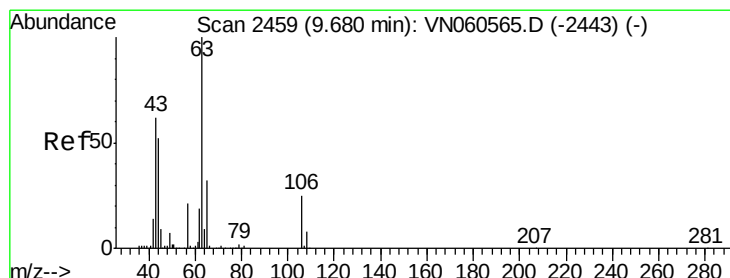
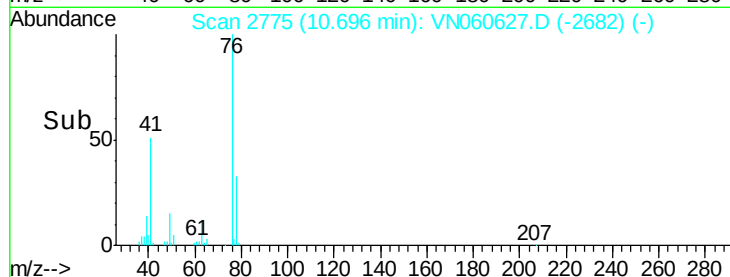
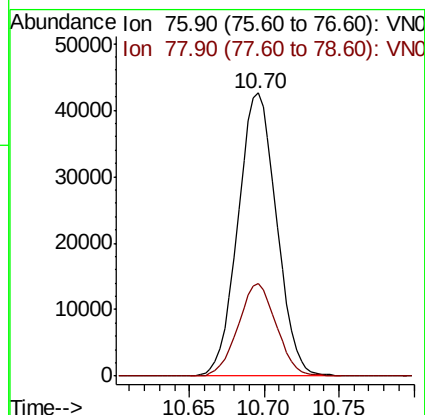
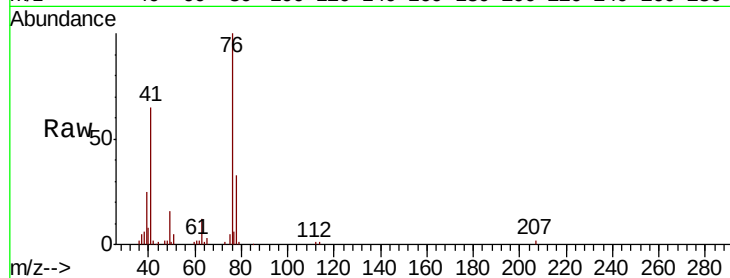
VN0319WBSD01

Tot Ion: 76 Resp: 76487

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.937 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060627.D

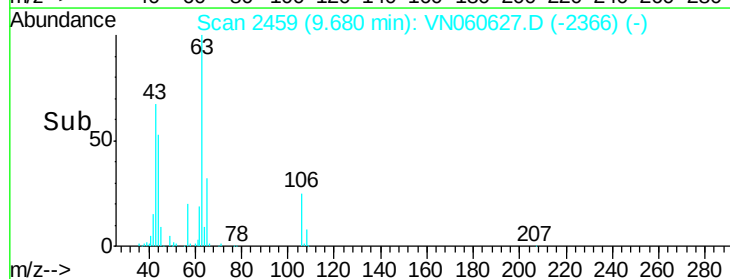
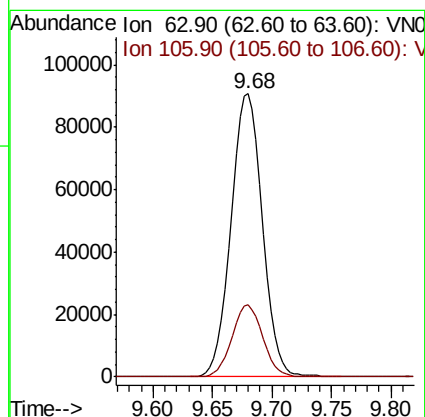
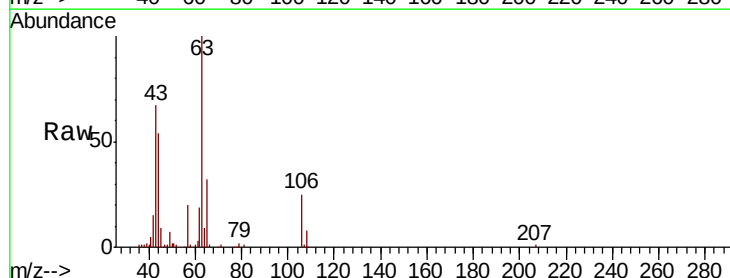
Acq: 19 Mar 2020 11:36

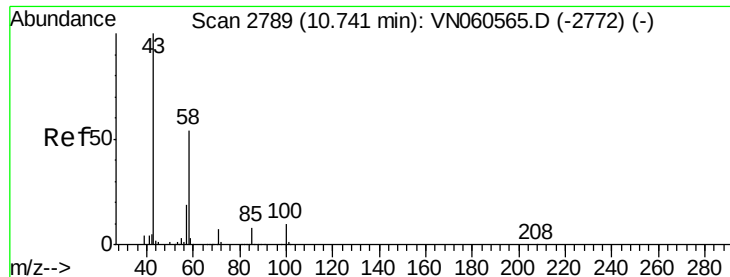
Tgt Ion: 63 Resp: 165624

Ion Ratio Lower Upper

63 100

106 24.9 20.0 30.0

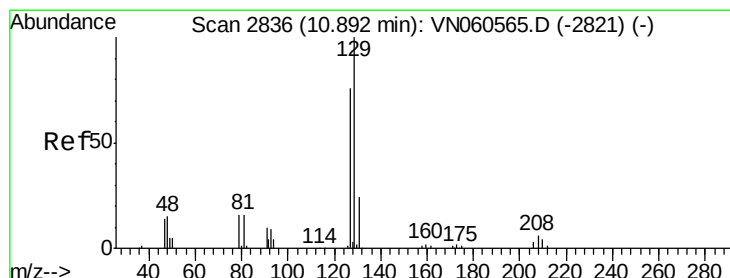
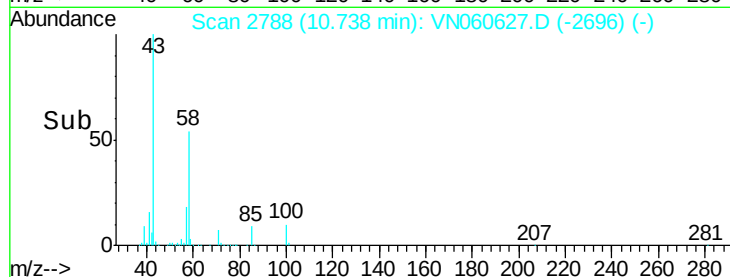
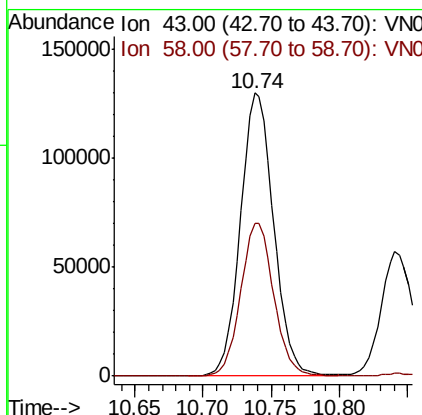
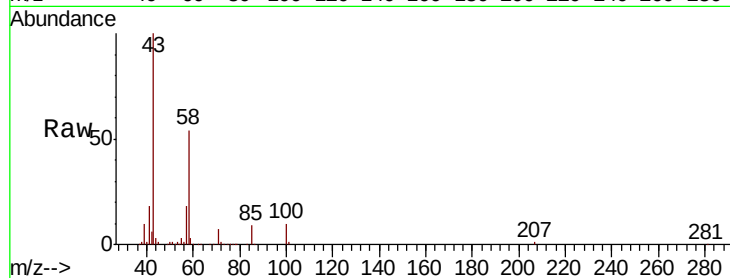




#59
2-Hexanone
Concen: 93.481 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

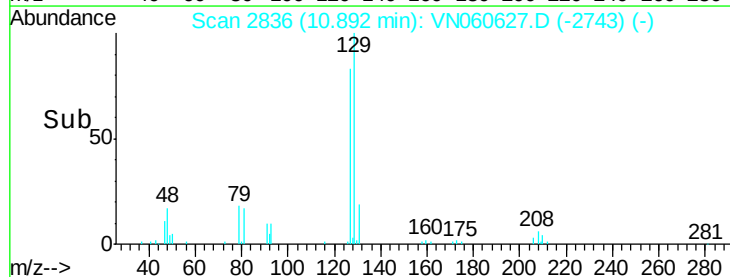
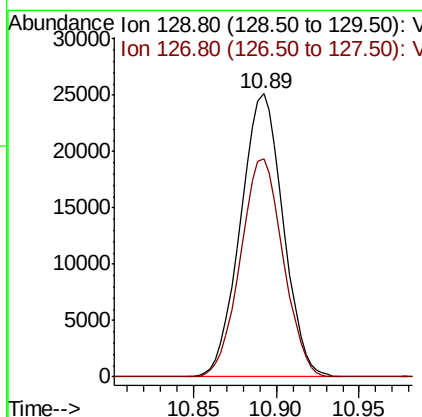
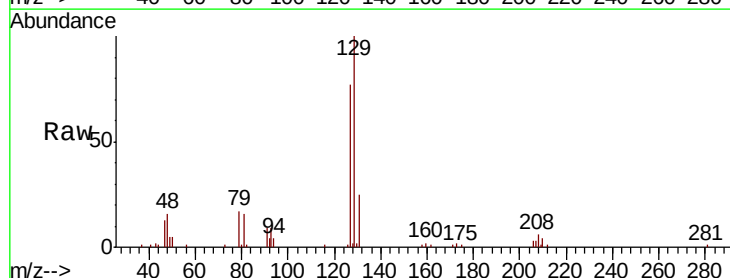
Instrument :
MSVOA_N
ClientSampled :
VN0319WBSD01

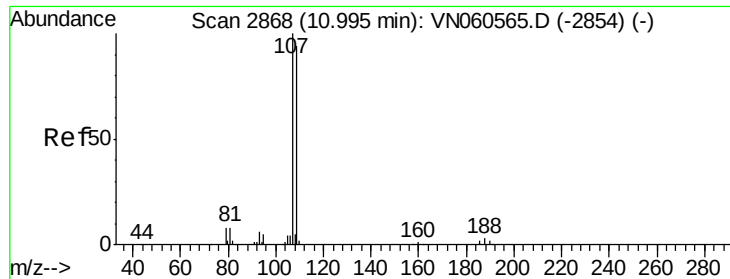
Tot Ion: 43 Resp: 219167
Ion Ratio Lower Upper
43 100
58 53.9 26.7 80.1



#60
Dibromochloromethane
Concen: 19.341 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 129 Resp: 44974
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

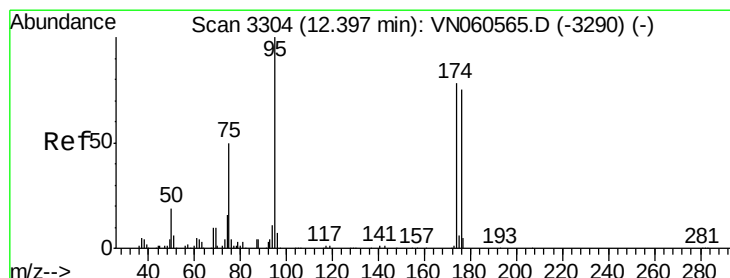
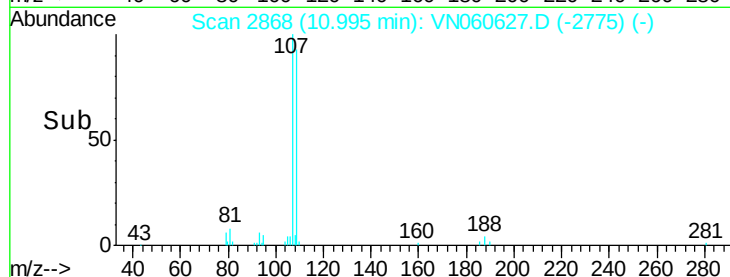
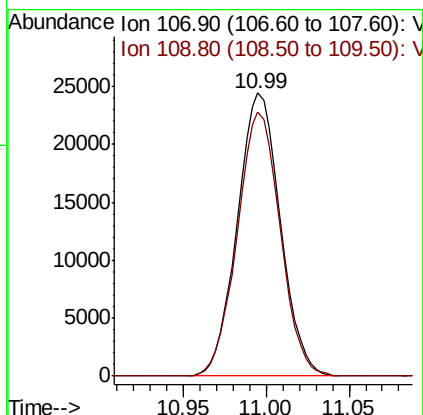
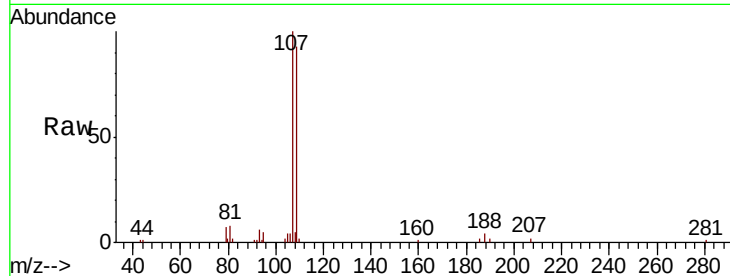




#61
 1,2-Dibromoethane
 Concen: 19.502 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

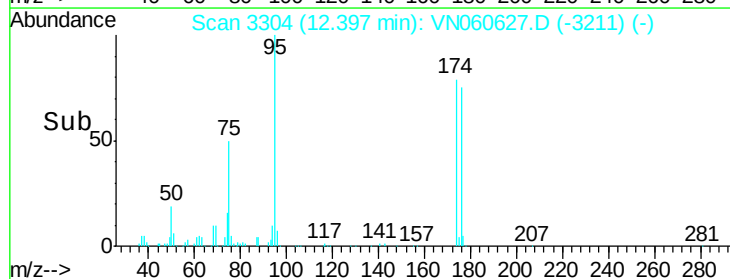
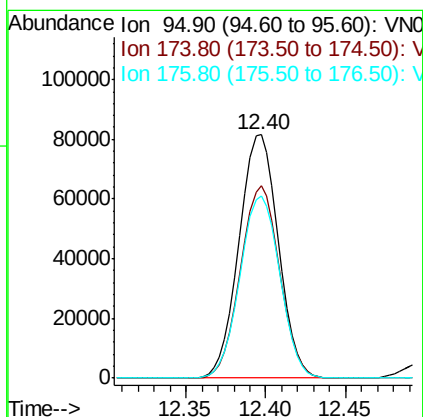
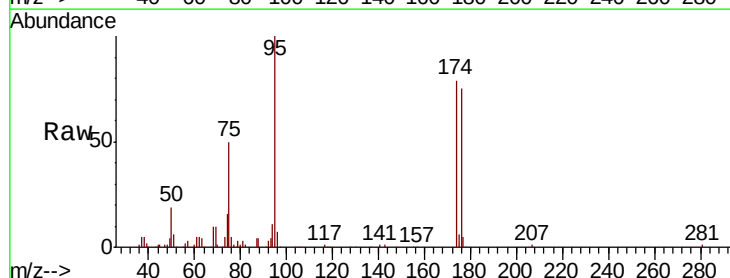
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

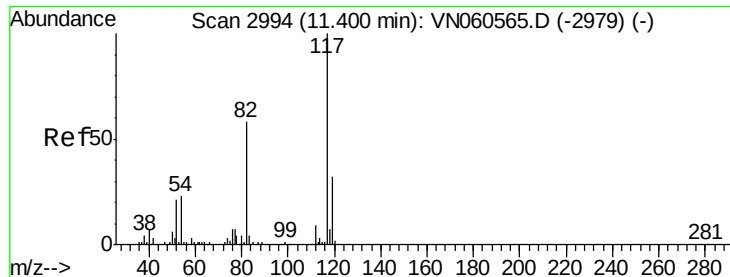
Tot Ion:107 Resp: 44146
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 45.566 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Tgt Ion: 95 Resp: 136713
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 157.6
 176 76.0 0.0 150.6

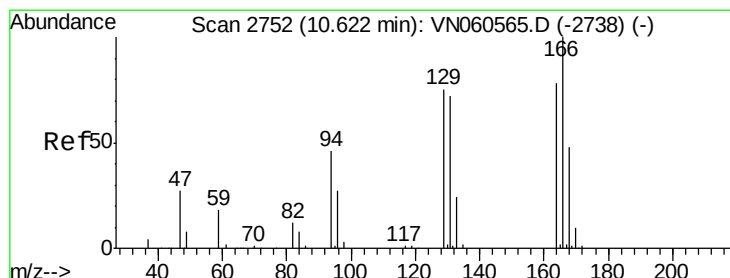
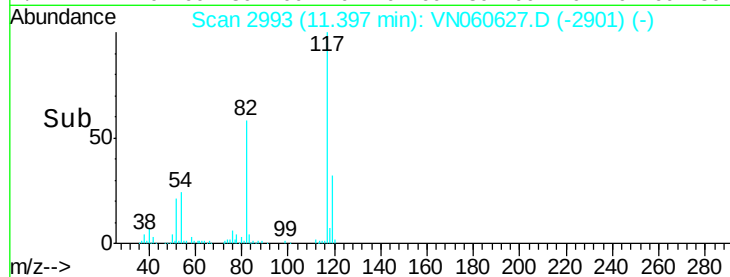
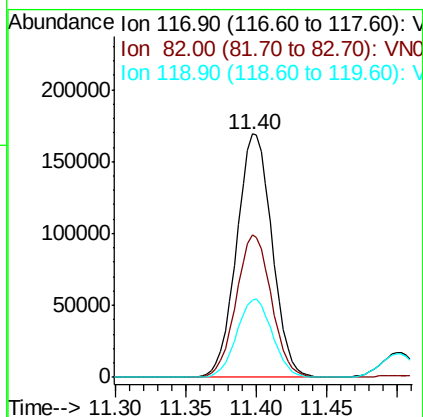
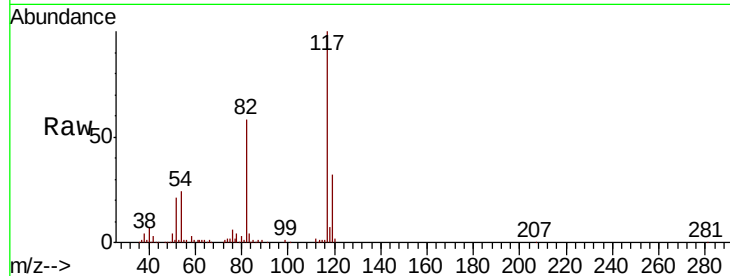




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

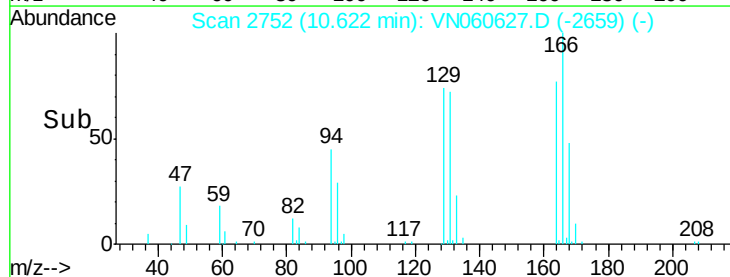
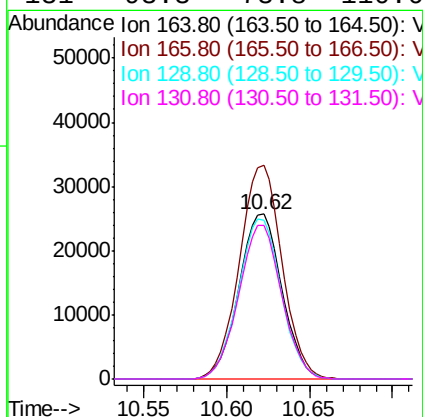
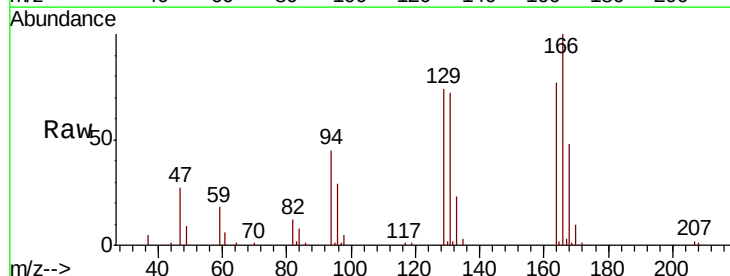
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

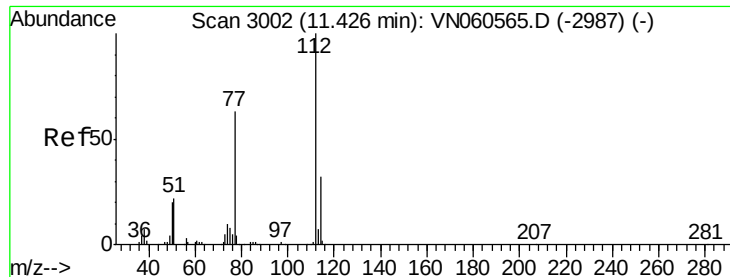
Tot Ion:117 Resp: 297994
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 19.826 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion:164 Resp: 46490
Ion Ratio Lower Upper
164 100
166 129.7 102.7 154.1
129 96.3 77.2 115.8
131 93.3 73.8 110.6





#65

Chlorobenzene

Concen: 19.457 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

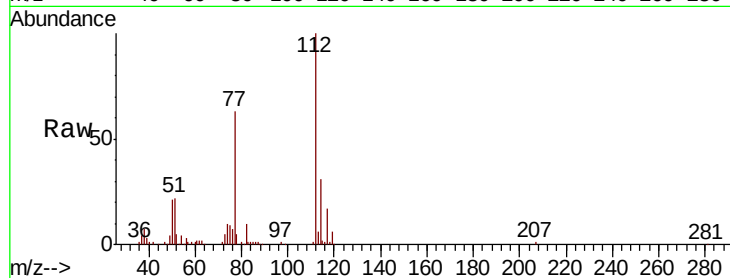
VN0319WBSD01

Tot Ion:112 Resp: 114939

Ion Ratio Lower Upper

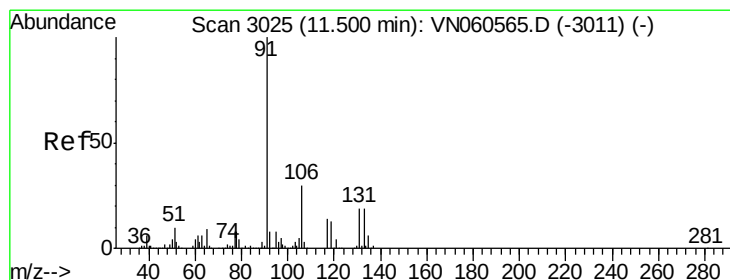
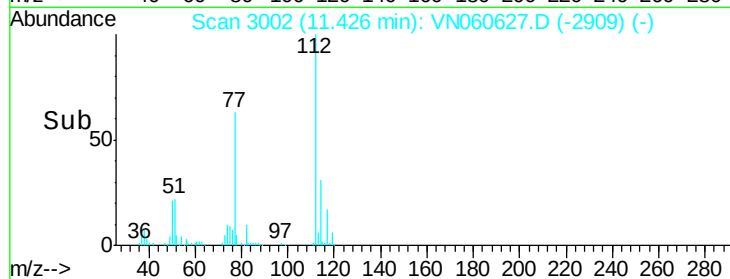
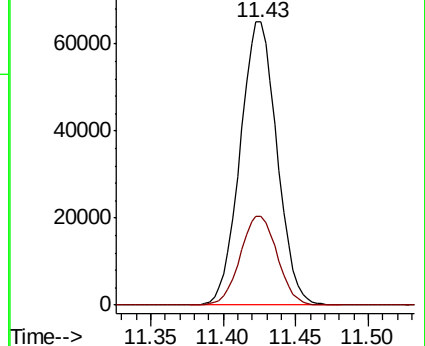
112 100

114 31.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.909 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

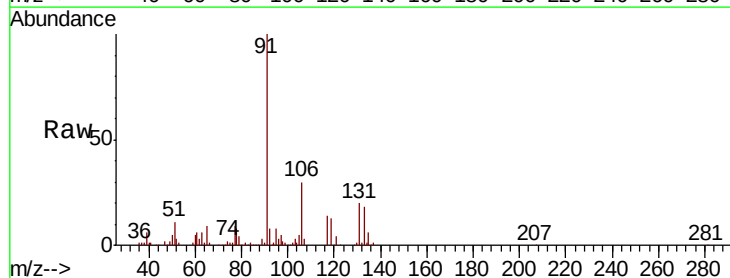
Tgt Ion:131 Resp: 42584

Ion Ratio Lower Upper

131 100

133 94.3 48.9 146.8

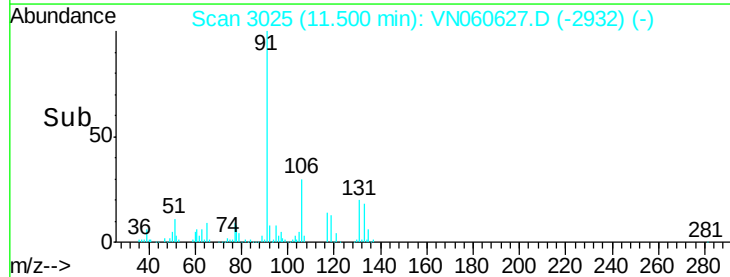
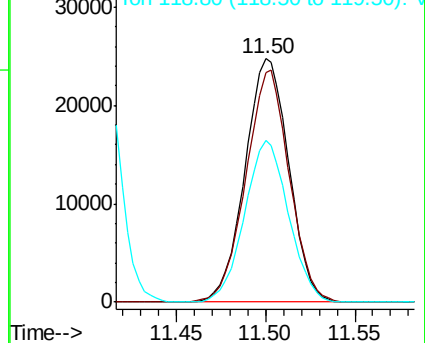
119 66.3 33.9 101.7

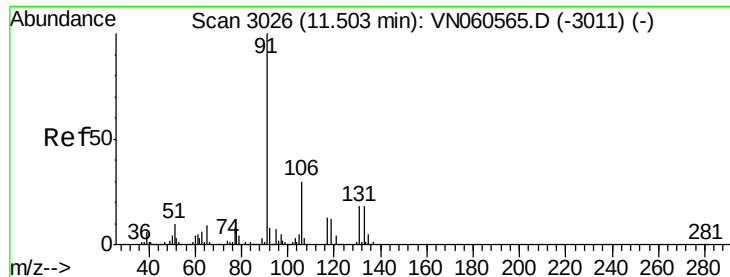


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.545 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

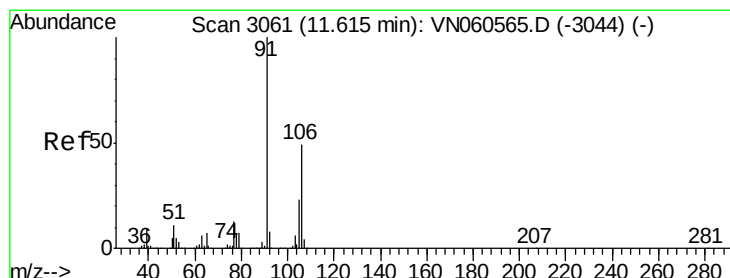
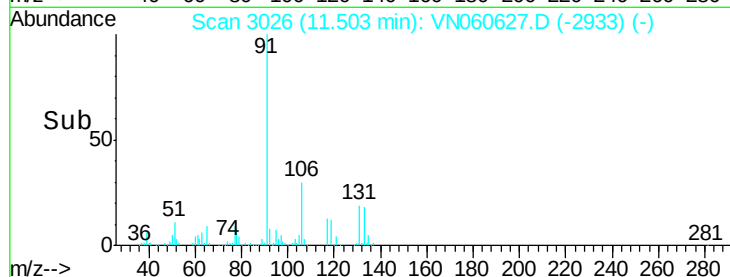
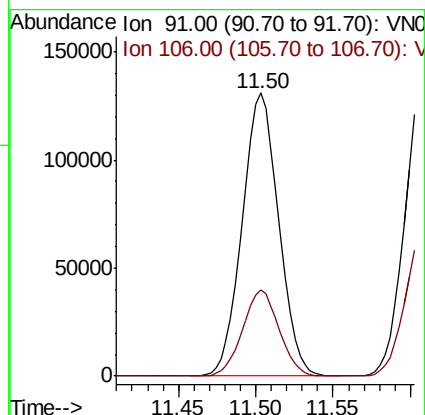
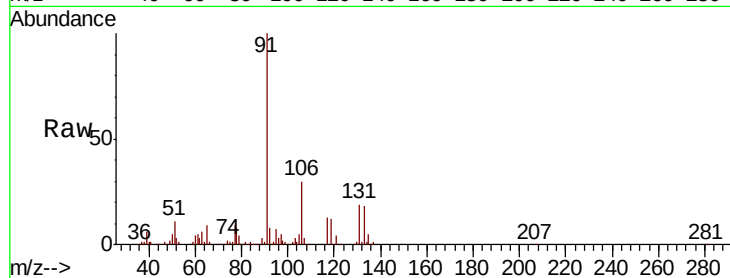
VN0319WBSD01

Tot Ion: 91 Resp: 214717

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



#68

m/p-Xylenes

Concen: 39.040 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060627.D

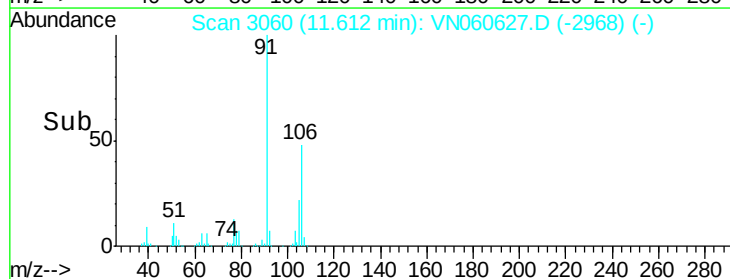
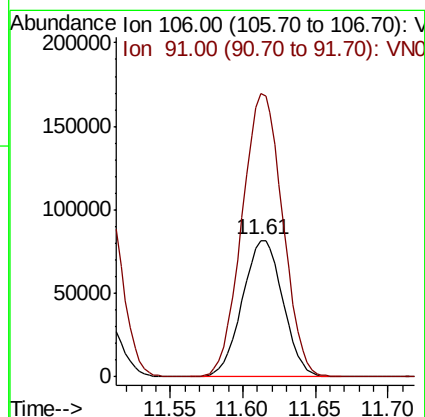
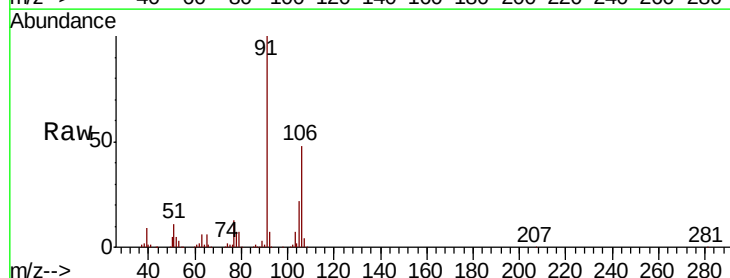
Acq: 19 Mar 2020 11:36

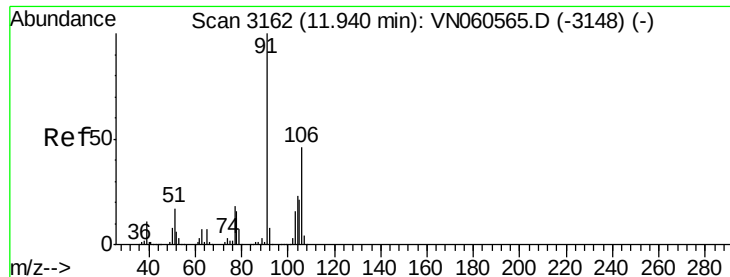
Tgt Ion: 106 Resp: 159374

Ion Ratio Lower Upper

106 100

91 207.8 165.0 247.4

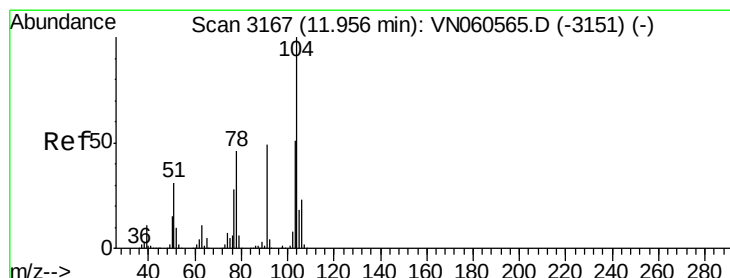
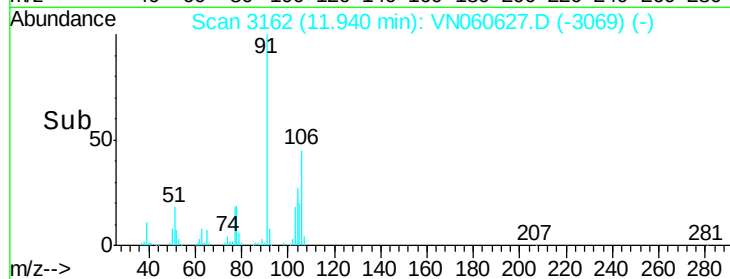
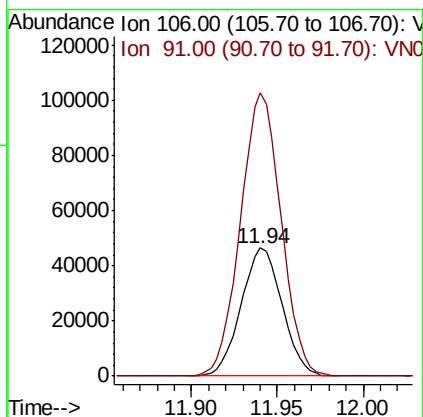
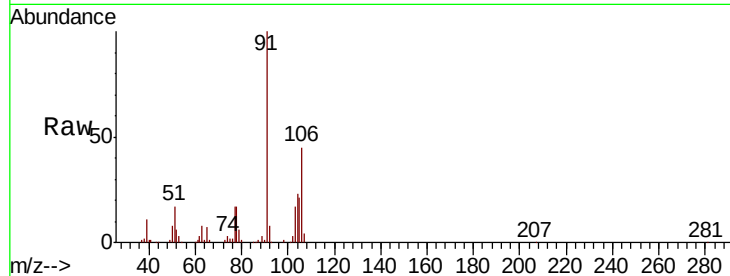




#69
o-Xylene
Concen: 19.796 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

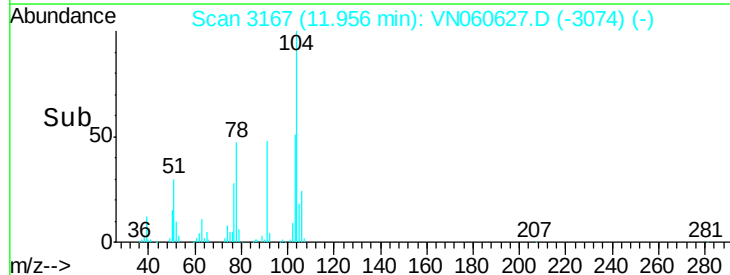
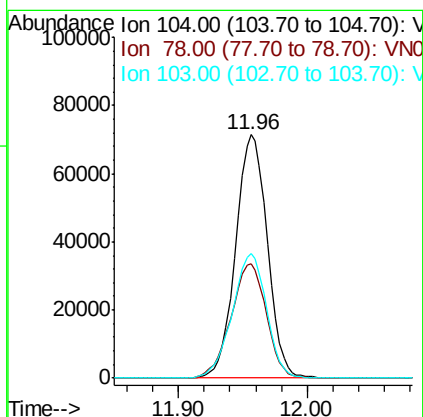
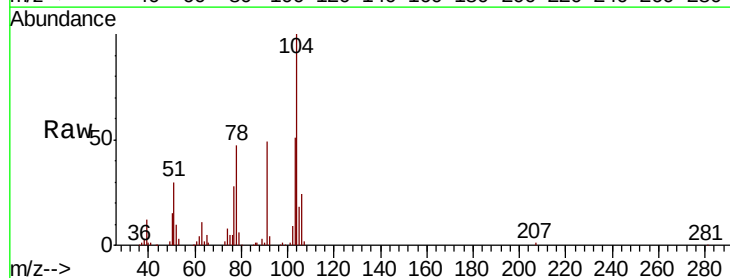
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

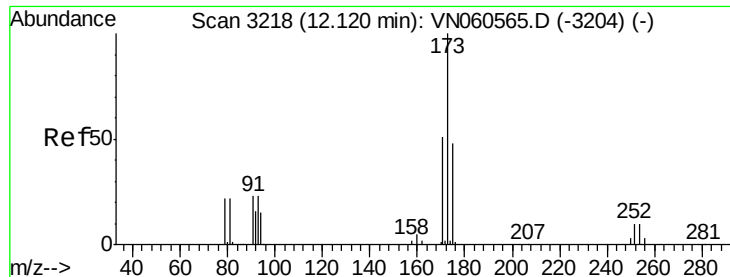
Tot Ion:106 Resp: 77148
Ion Ratio Lower Upper
106 100
91 218.1 109.5 328.4



#70
Styrene
Concen: 19.177 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion:104 Resp: 122229
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 54.9 44.0 66.0

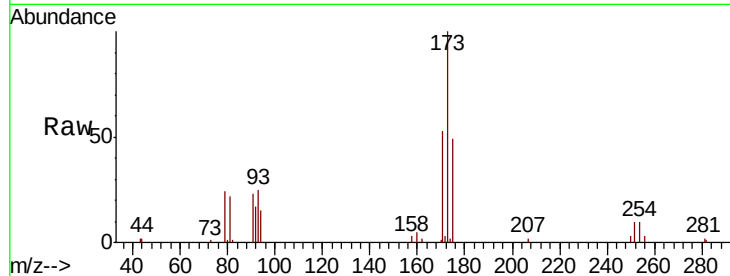




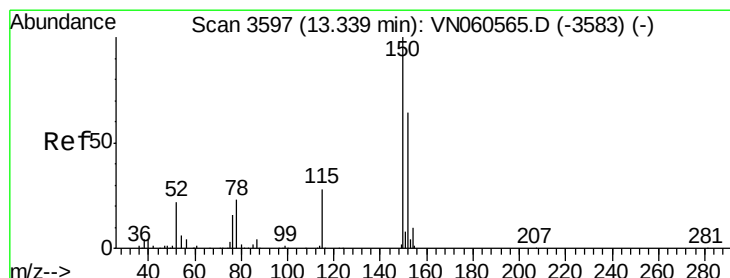
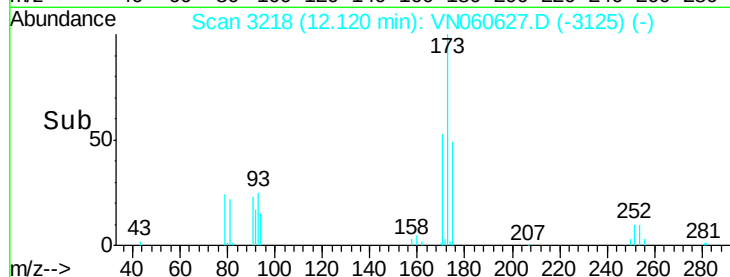
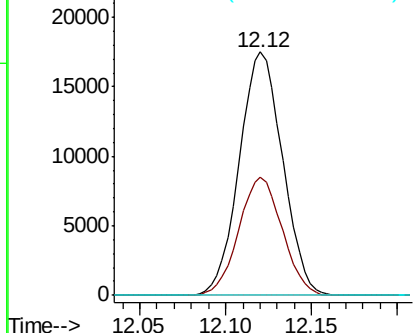
#71
Bromoform
Concen: 18.335 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tot Ion:173 Resp: 30637
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0

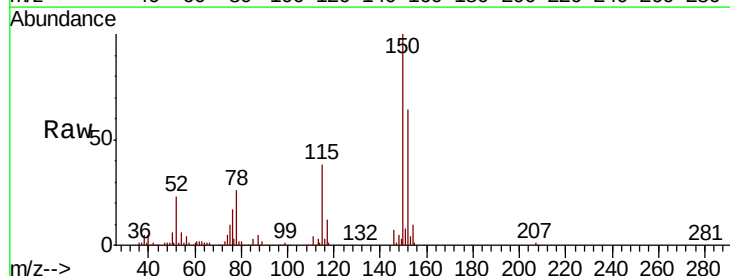


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

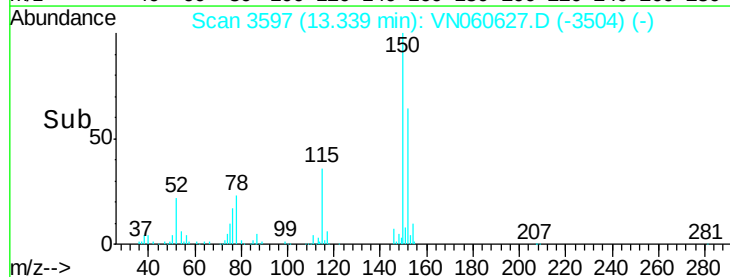
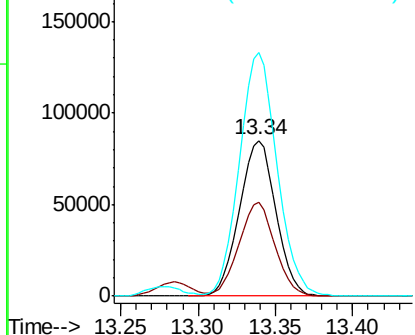


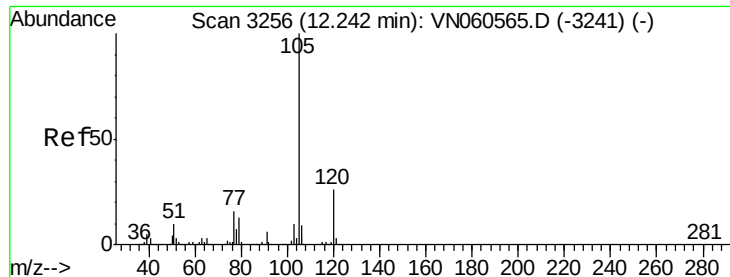
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion:152 Resp: 139395
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 161.9 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.360 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

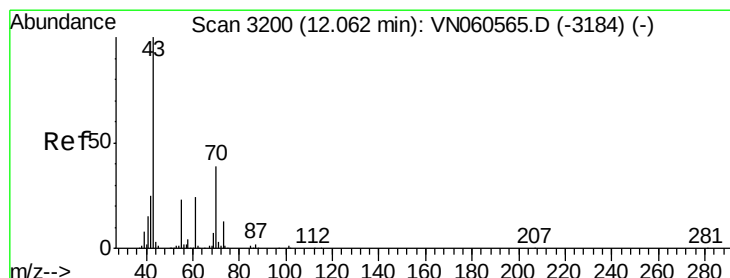
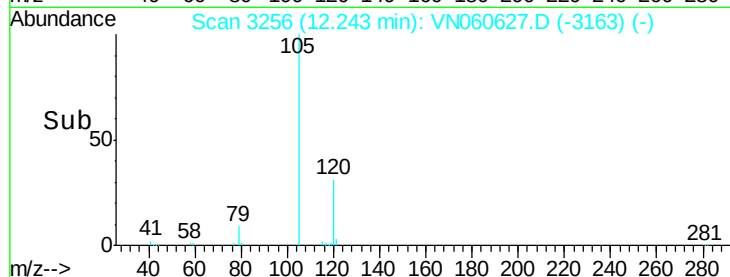
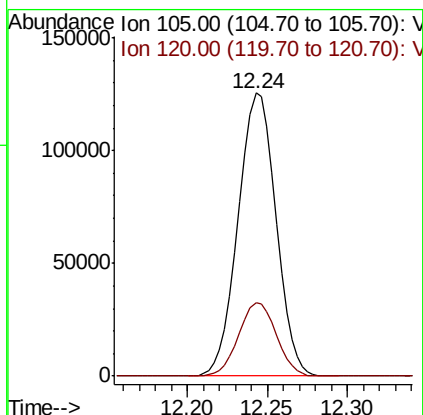
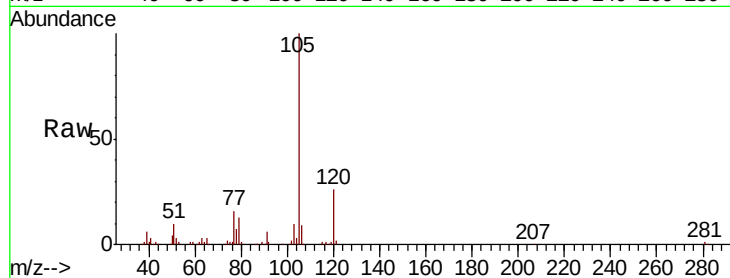
VN0319WBSD01

Tot Ion:105 Resp: 202521

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1



#74

N-ethyl acetate

Concen: 18.788 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Tgt Ion: 43 Resp: 90819

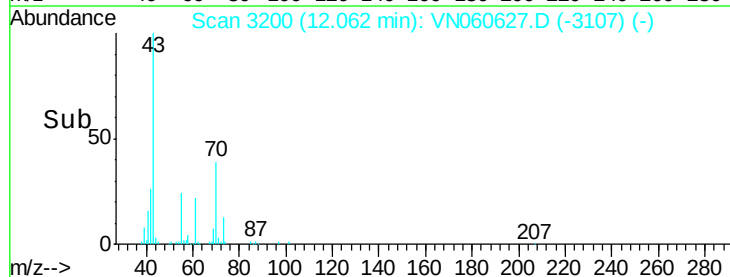
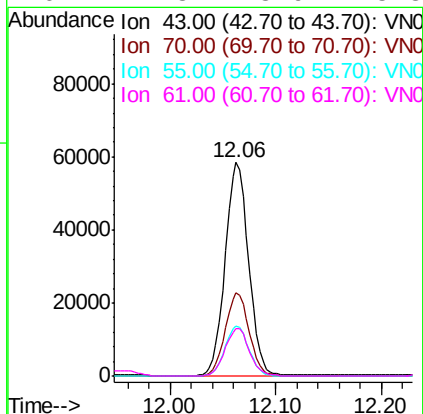
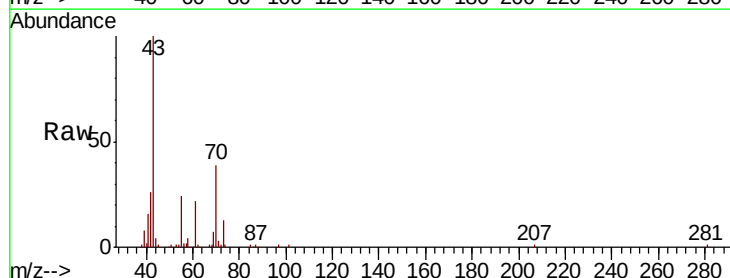
Ion Ratio Lower Upper

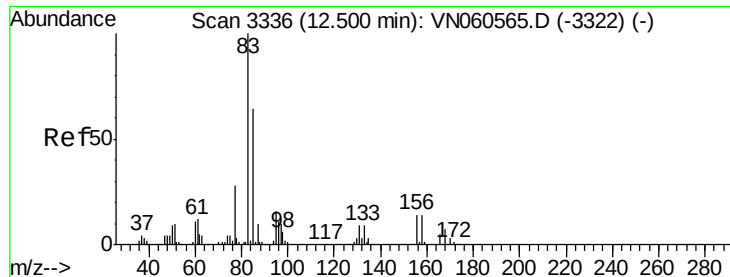
43 100

70 39.2 31.1 46.7

55 23.6 18.6 27.8

61 22.8 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.828 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

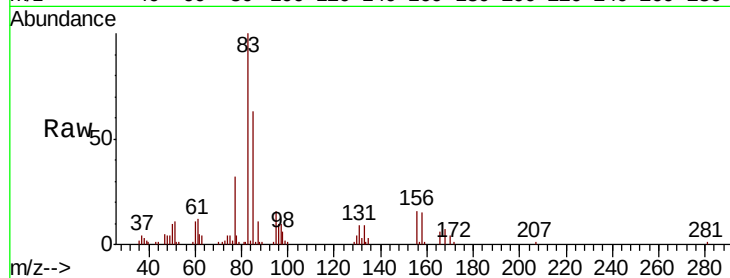
Tot Ion: 83 Resp: 59562

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

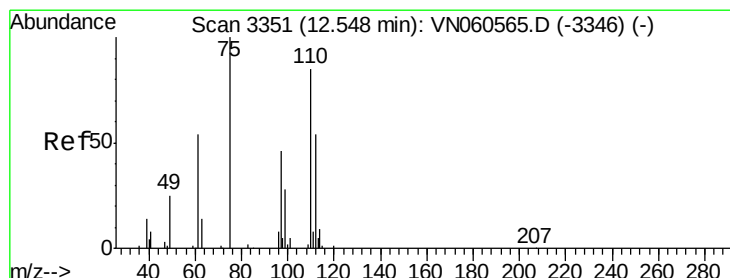
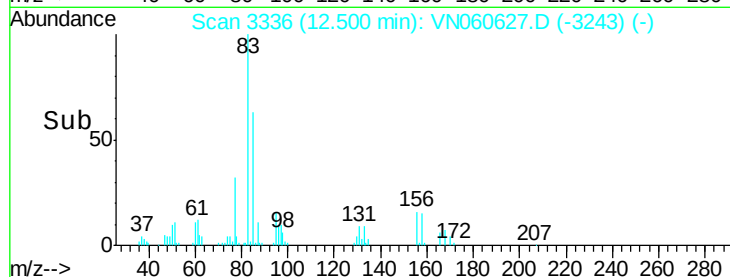
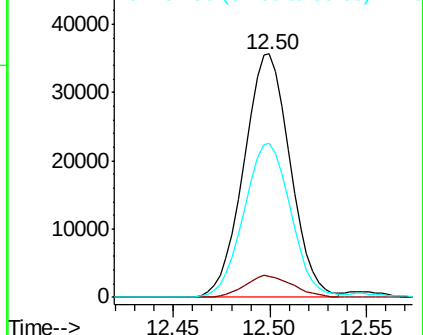
85 64.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060627.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060627.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060627.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 27.282 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060627.D

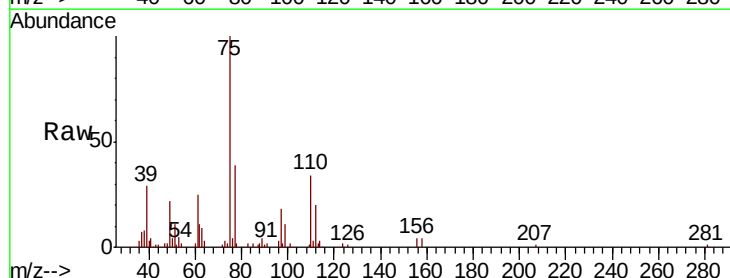
Acq: 19 Mar 2020 11:36

Tgt Ion: 75 Resp: 82061

Ion Ratio Lower Upper

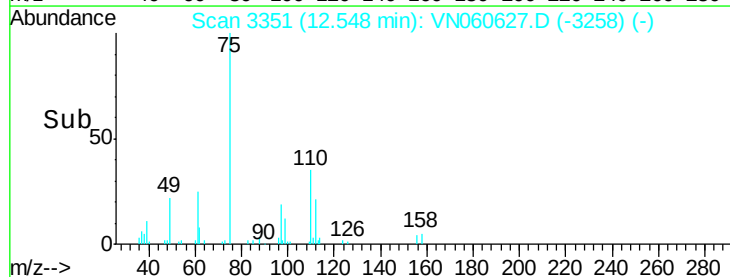
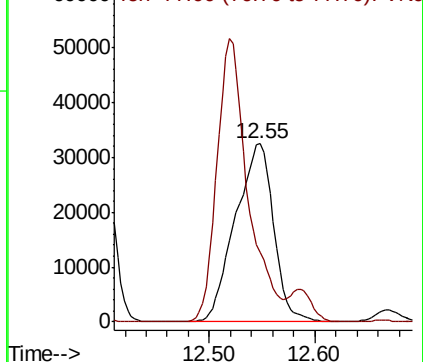
75 100

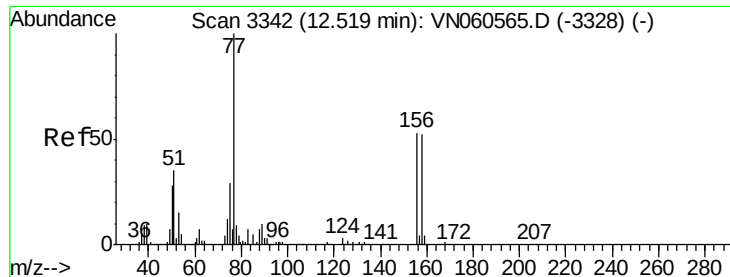
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060627.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060627.D (-3258) (-)





#77

Bromobenzene

Concen: 18.779 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

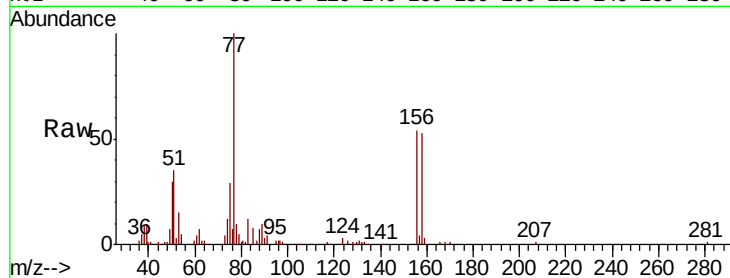
Tot Ion:156 Resp: 47338

Ion Ratio Lower Upper

156 100

77 223.4 112.3 337.0

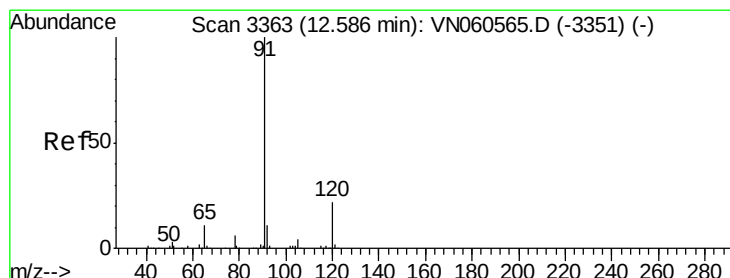
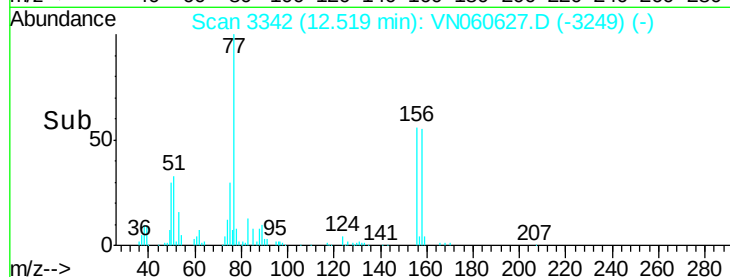
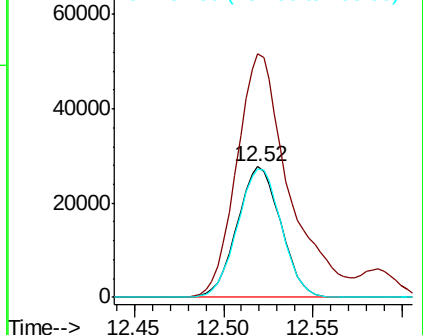
158 99.4 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.126 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060627.D

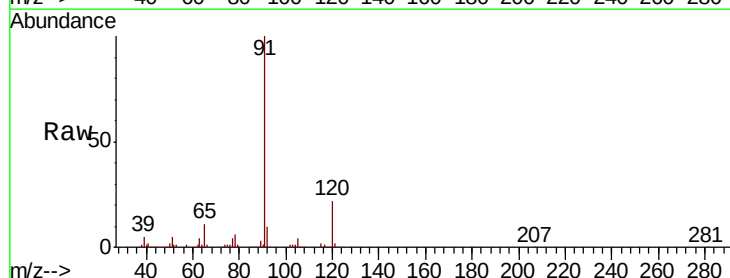
Acq: 19 Mar 2020 11:36

Tgt Ion: 91 Resp: 236380

Ion Ratio Lower Upper

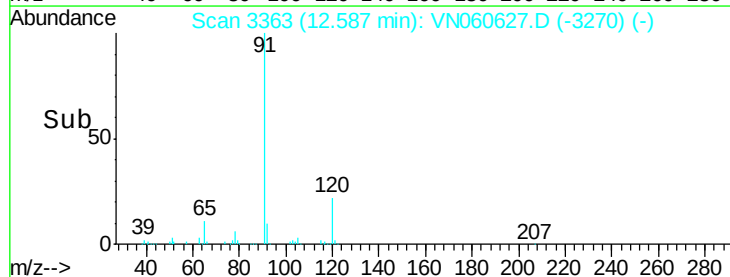
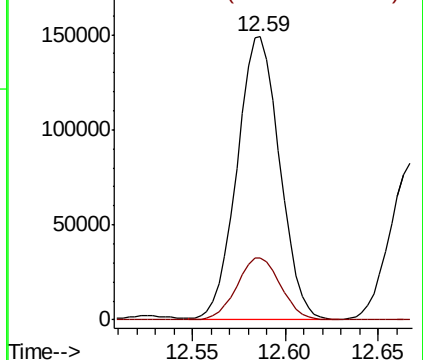
91 100

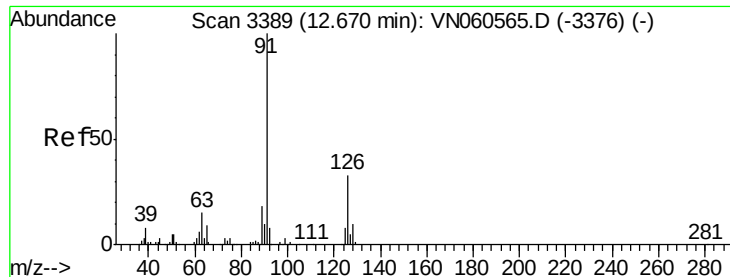
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

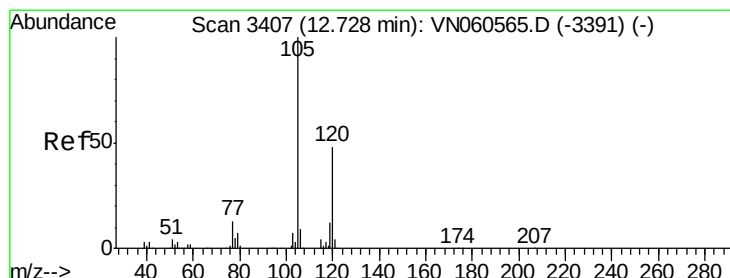
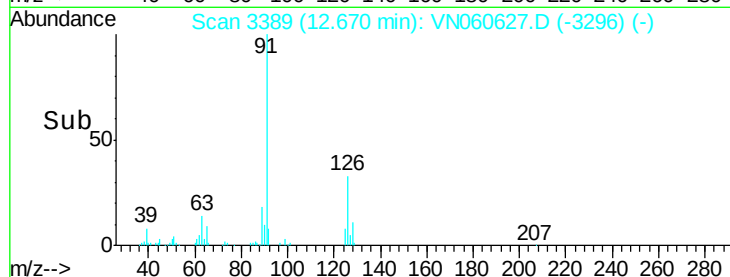
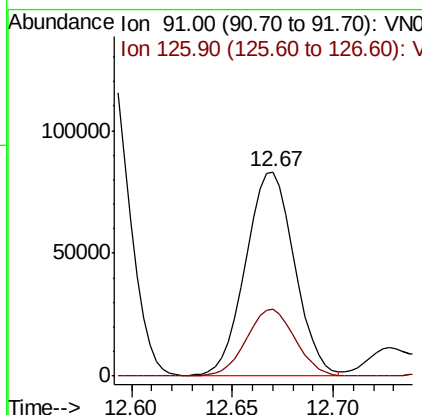
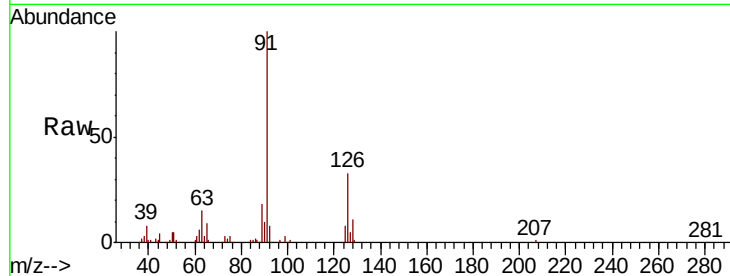




#79
 2-Chlorotoluene
 Concen: 19.034 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

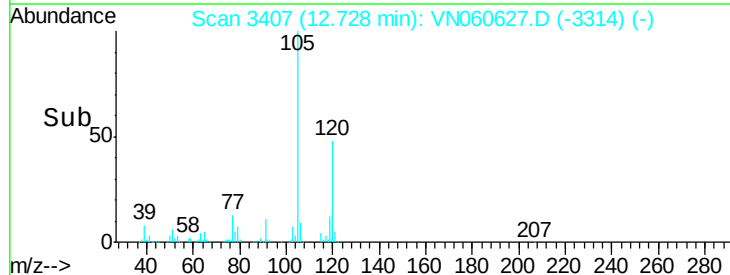
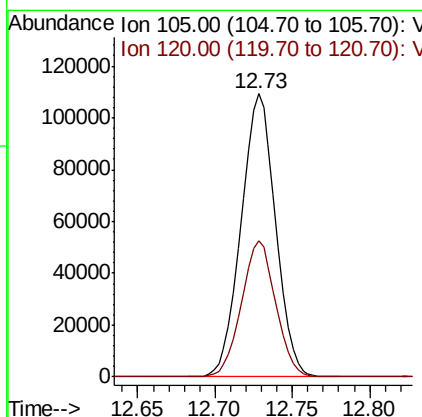
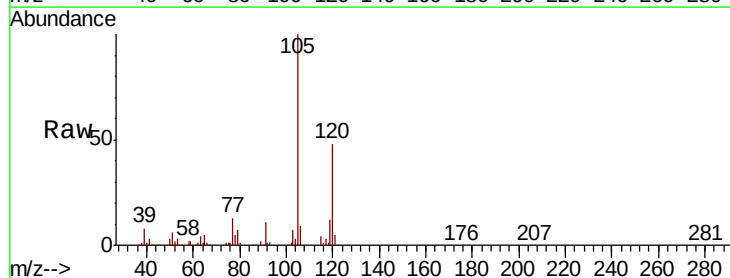
Instrument :
 MSVOA_N
 ClientSampled :
 VN0319WBSD01

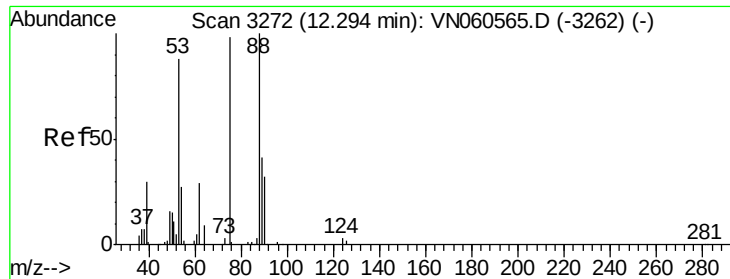
Tot Ion: 91 Resp: 140554
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.023 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Tgt Ion: 105 Resp: 168877
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7

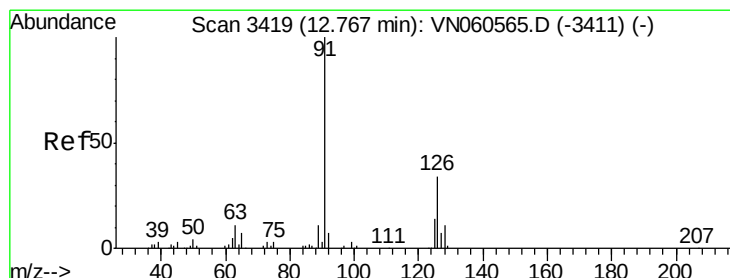
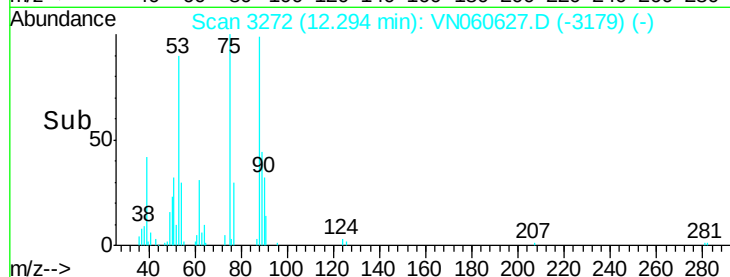
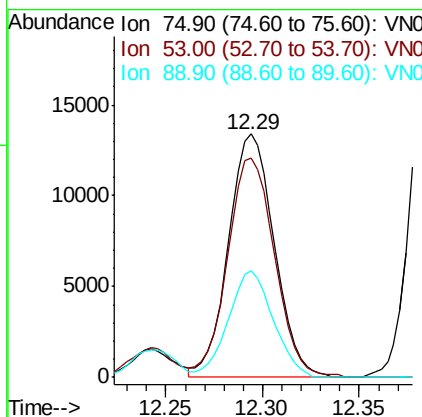
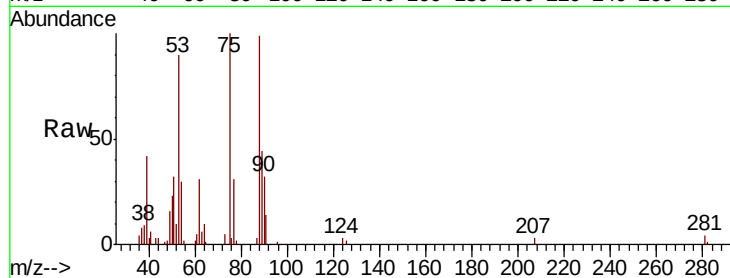




#81
trans-1,4-Dichloro-2-butene
Concen: 18.829 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

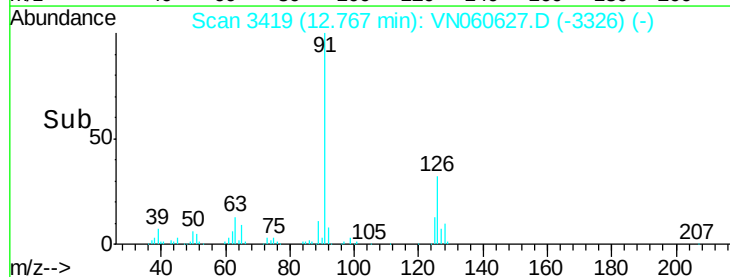
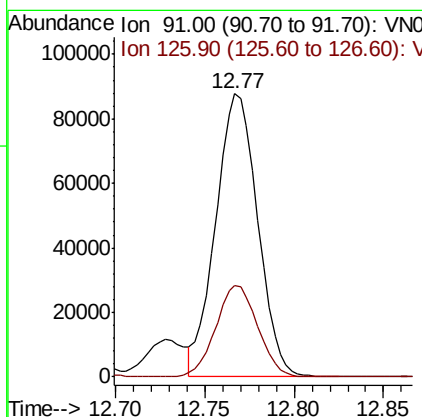
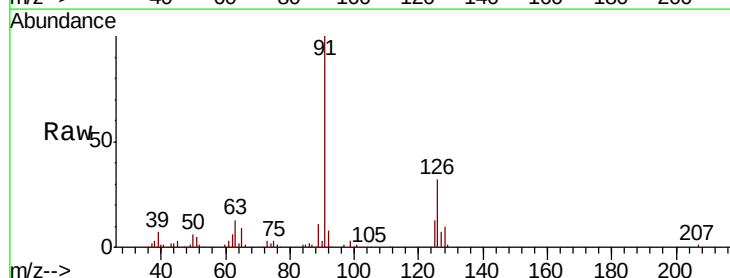
Instrument :
MSVOA_N
ClientSampled :
VN0319WBSD01

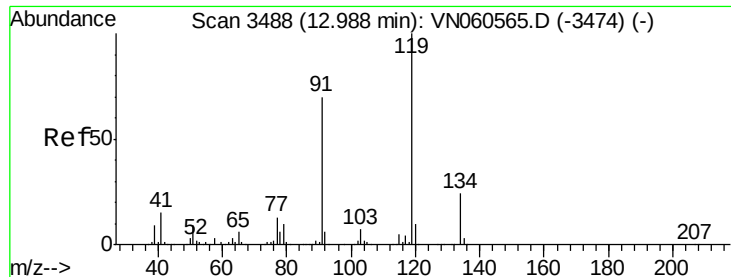
Tot Ion: 75 Resp: 22052
Ion Ratio Lower Upper
75 100
53 92.9 73.0 109.4
89 42.8 34.8 52.2



#82
4-Chlorotoluene
Concen: 19.017 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 91 Resp: 143025
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.5

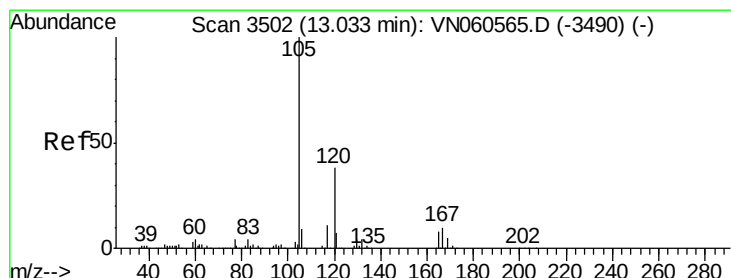
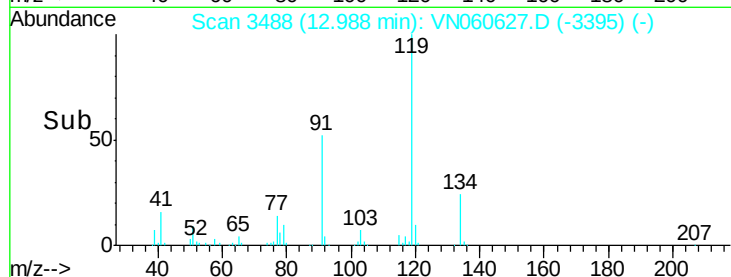
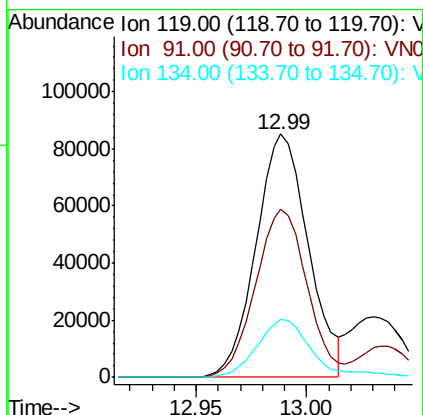
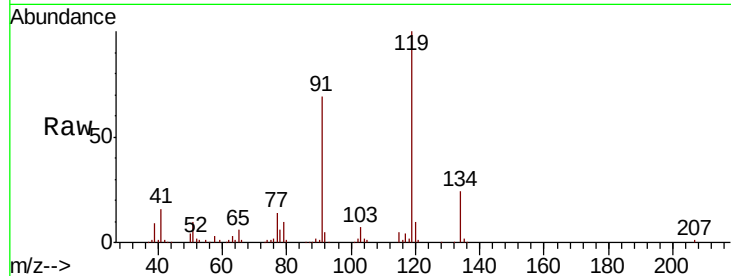




#83
tert-Butylbenzene
Concen: 19.003 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

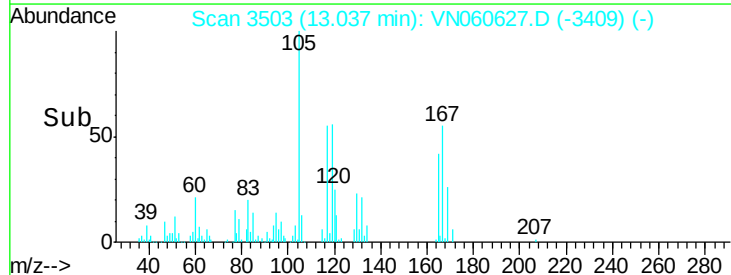
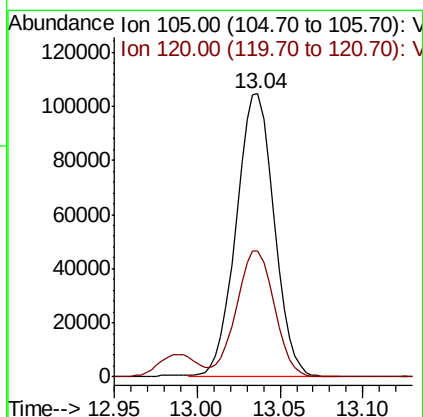
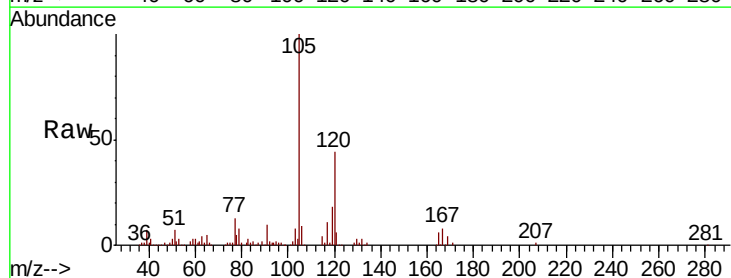
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

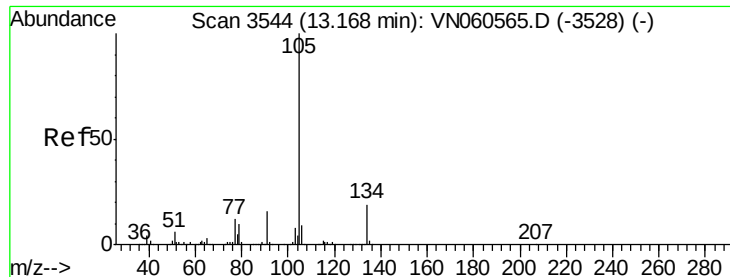
Tot Ion:119 Resp: 139846
Ion Ratio Lower Upper
119 100
91 68.5 34.0 101.8
134 25.1 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 19.004 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion:105 Resp: 166908
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.060 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

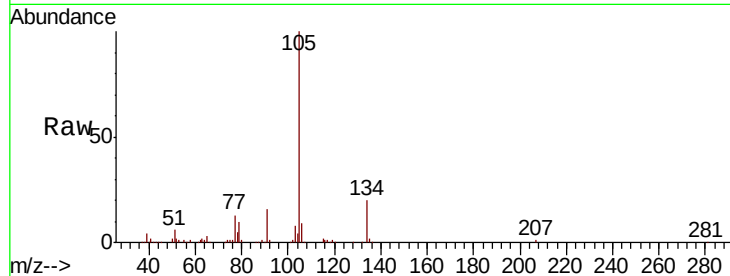
VN0319WBSD01

Tot Ion:105 Resp: 188618

Ion Ratio Lower Upper

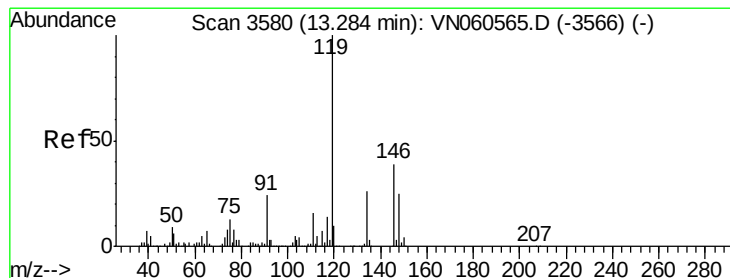
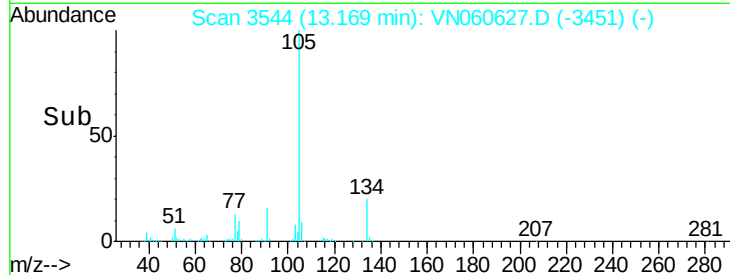
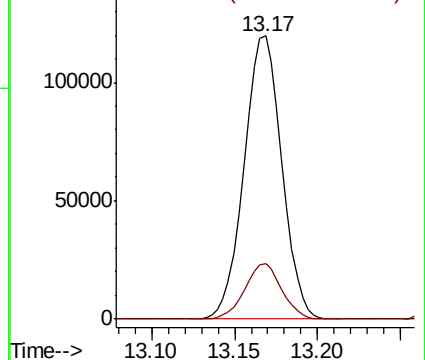
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.026 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

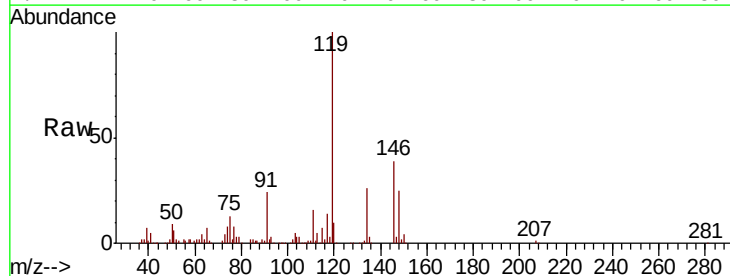
Tgt Ion:119 Resp: 169308

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

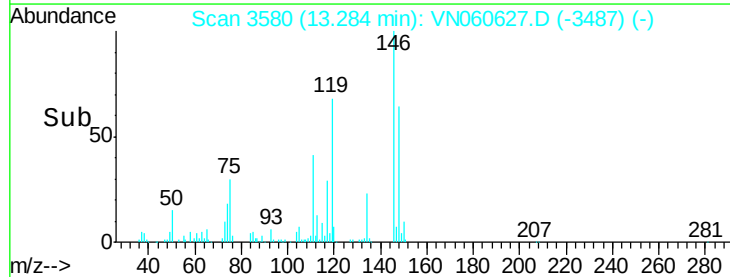
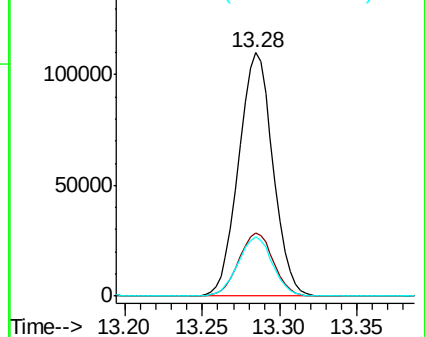
91 24.3 12.0 36.0

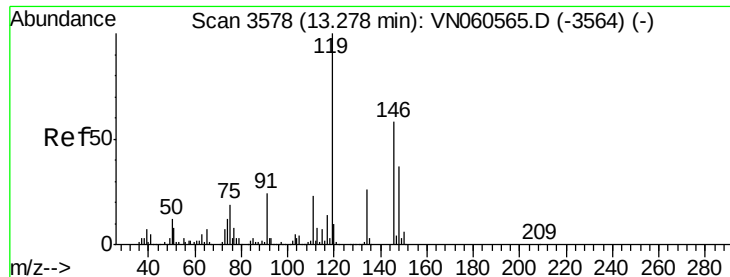


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

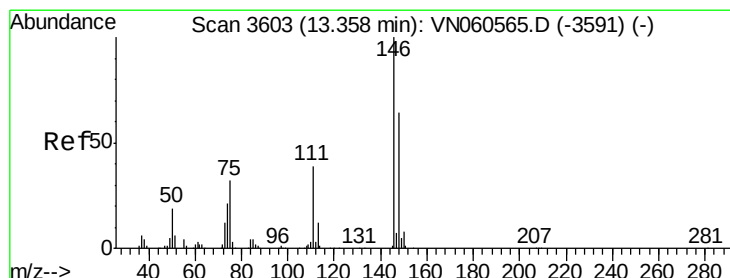
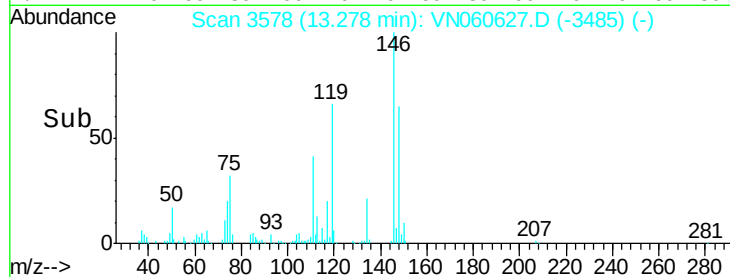
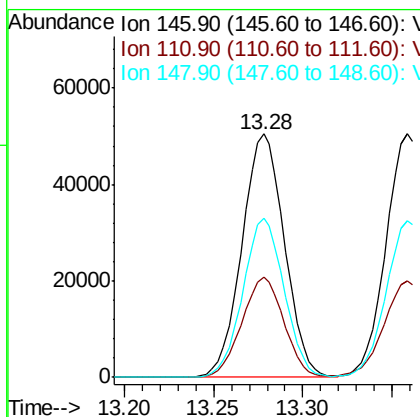
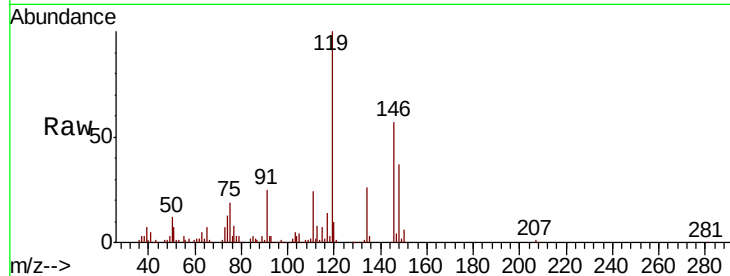




#87
 1,3-Dichlorobenzene
 Concen: 18.934 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

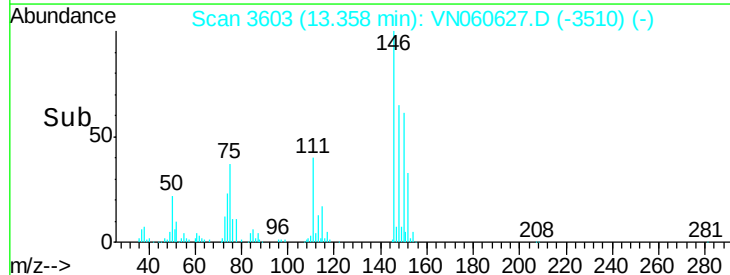
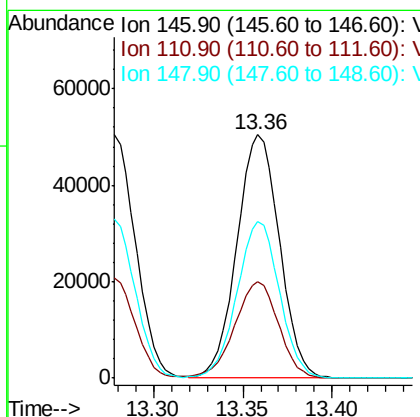
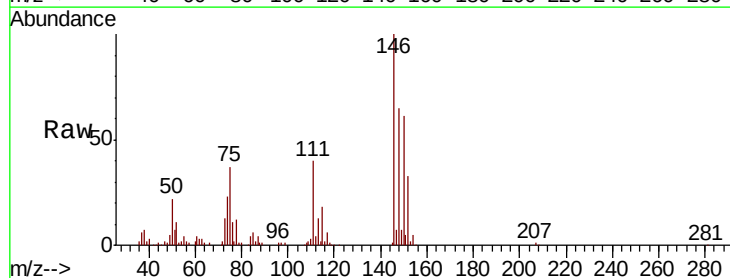
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

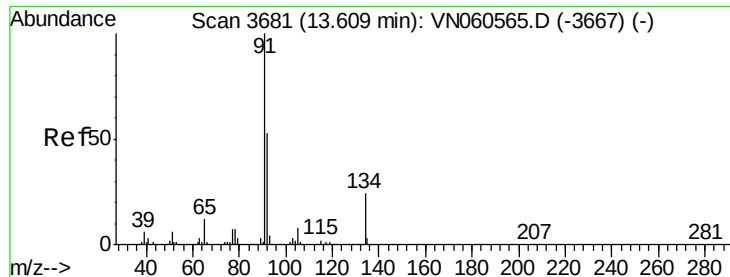
Tot Ion:146 Resp: 84176
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.8
 148 63.3 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.861 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Tgt Ion:146 Resp: 84246
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.6 58.7
 148 64.1 32.1 96.3

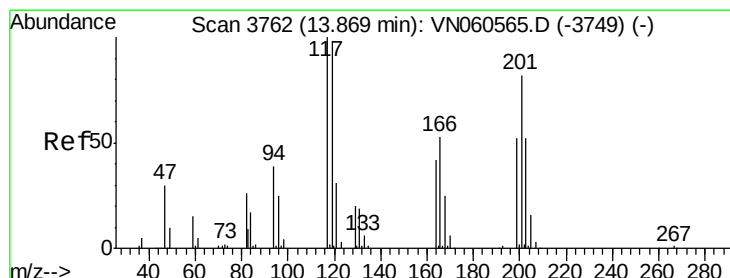
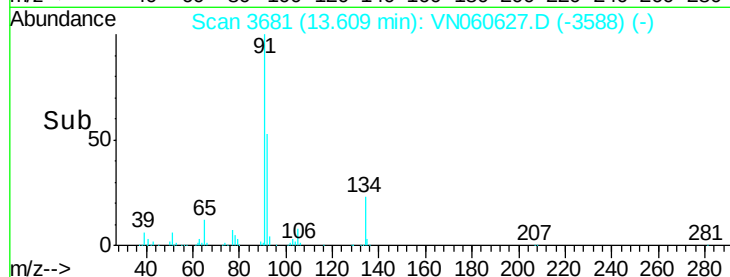
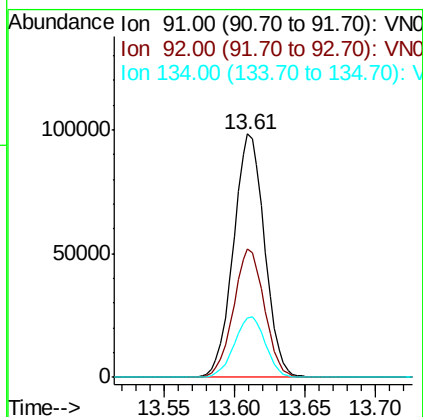
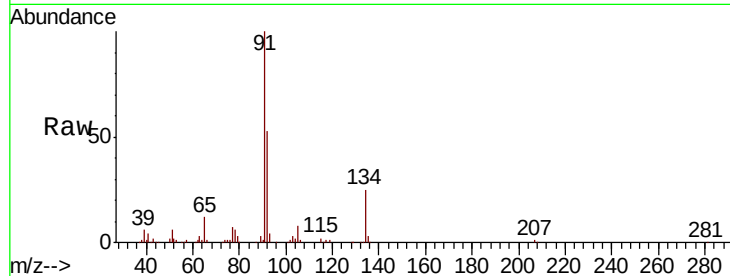




#89
n-Butylbenzene
Concen: 18.920 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

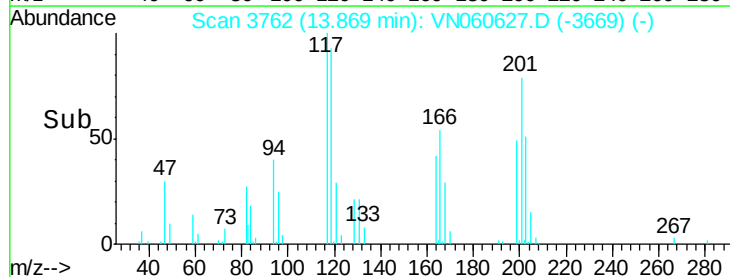
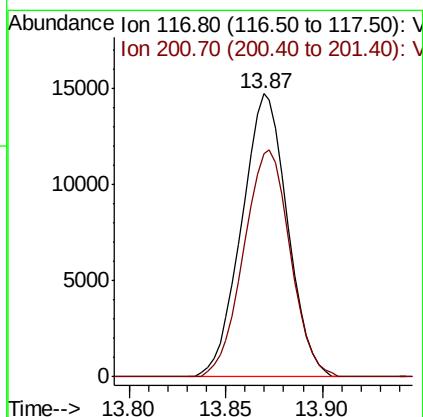
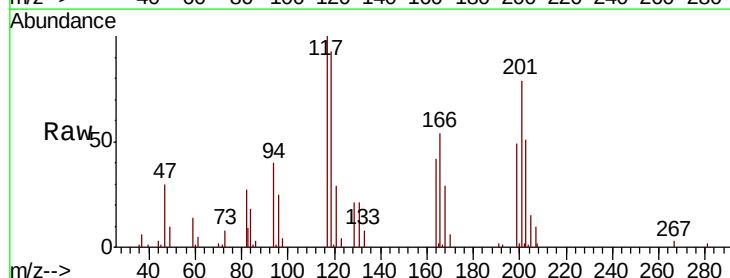
Instrument :
MSVOA_N
ClientSampled :
VN0319WBSD01

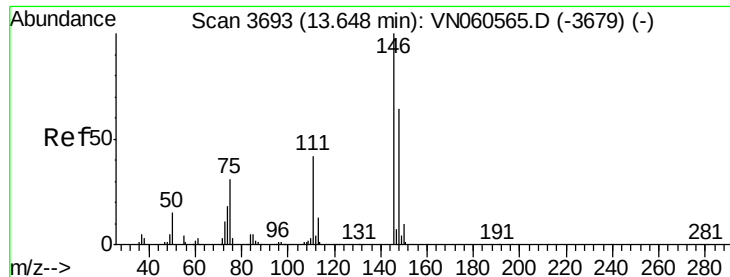
Tot Ion: 91 Resp: 152010
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 24.9 12.3 36.9



#90
Hexachloroethane
Concen: 18.781 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion: 117 Resp: 24293
Ion Ratio Lower Upper
117 100
201 81.3 40.8 122.5

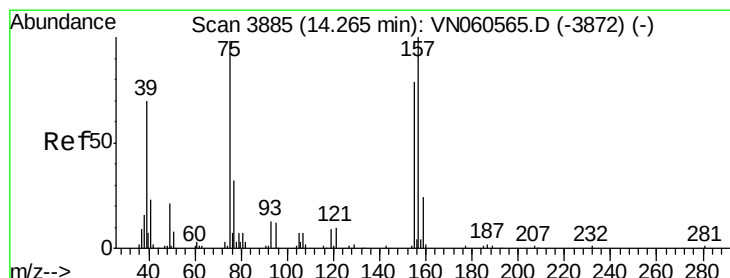
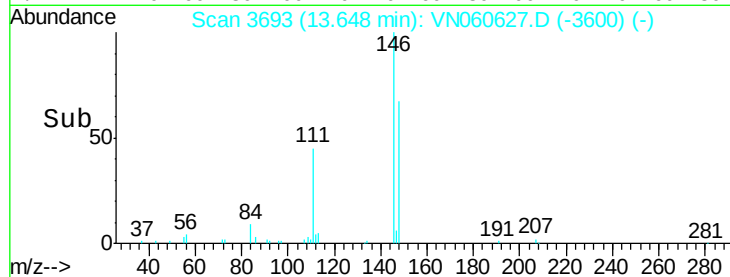
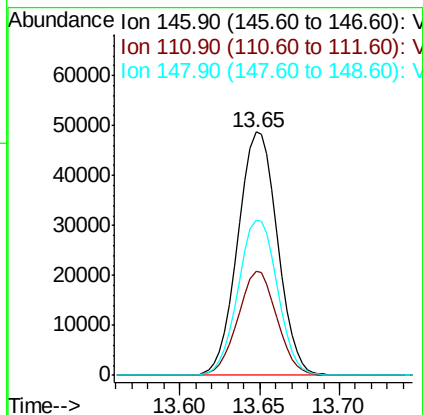
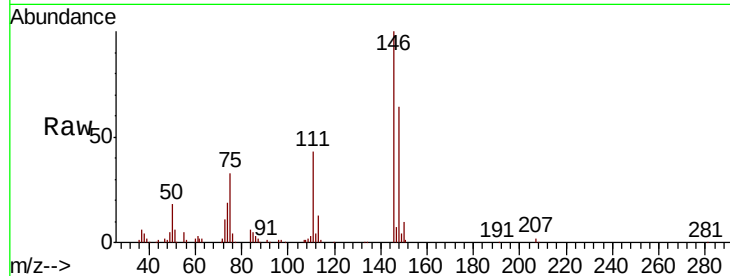




#91
 1,2-Dichlorobenzene
 Concen: 19.350 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

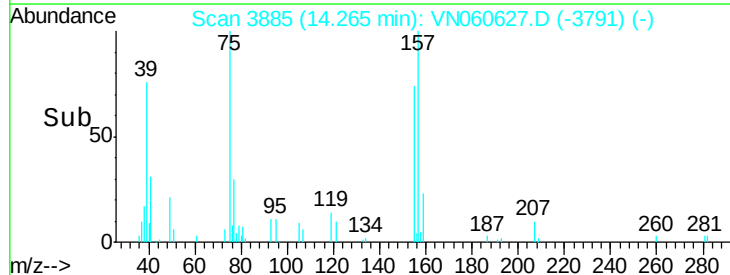
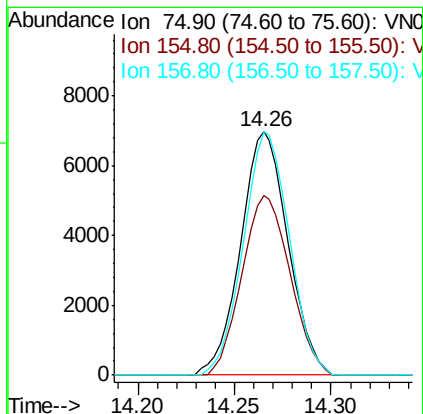
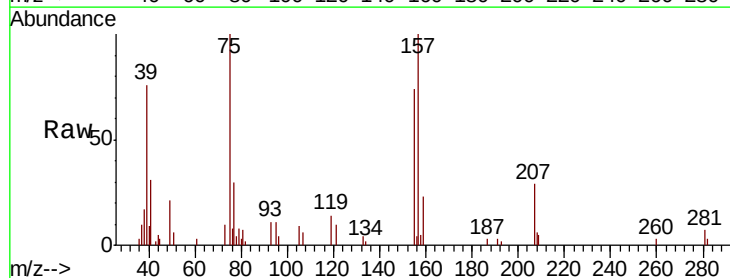
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

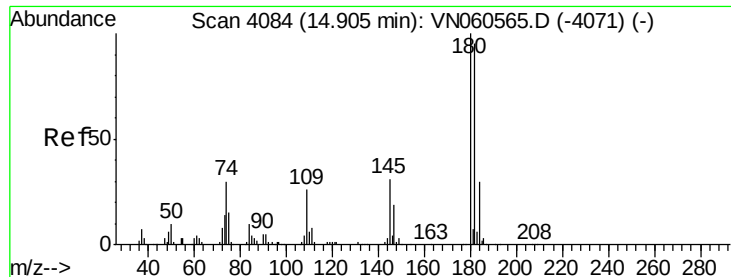
Tot Ion:146 Resp: 82259
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 63.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.738 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060627.D
 Acq: 19 Mar 2020 11:36

Tgt Ion: 75 Resp: 11868
 Ion Ratio Lower Upper
 75 100
 155 75.2 40.7 122.1
 157 97.2 51.5 154.7





#93

1,2,4-Trichlorobenzene

Concen: 18.703 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

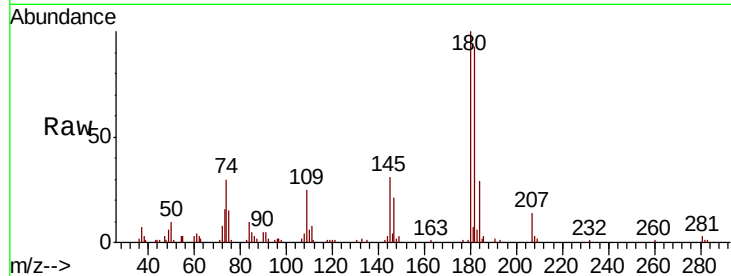
Tot Ion:180 Resp: 48826

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.8

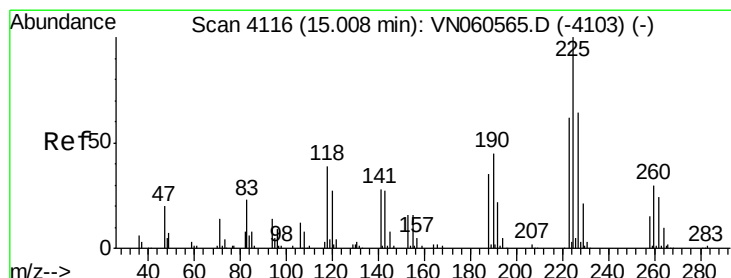
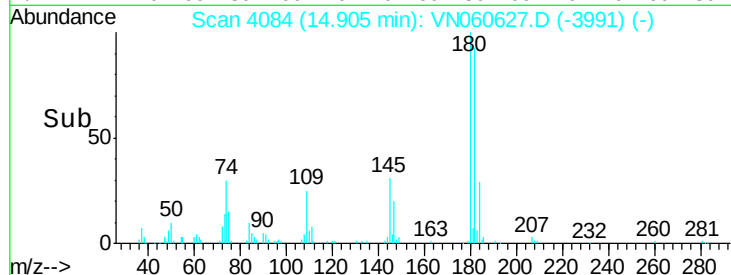
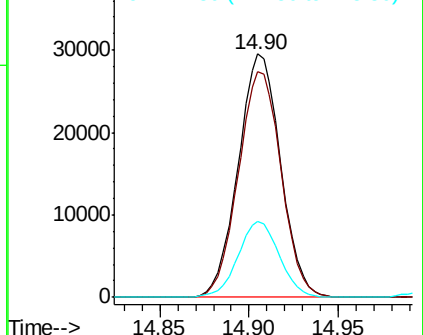
145 30.3 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.253 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN060627.D

Acq: 19 Mar 2020 11:36

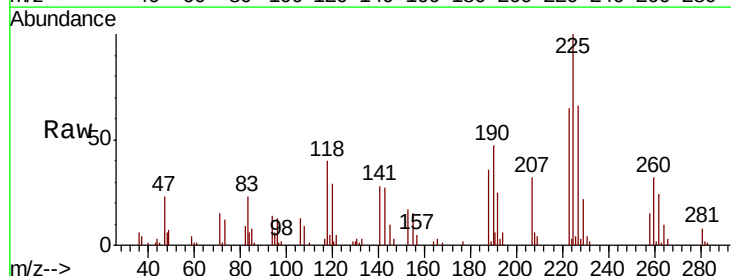
Tgt Ion:225 Resp: 24639

Ion Ratio Lower Upper

225 100

223 64.6 31.6 95.0

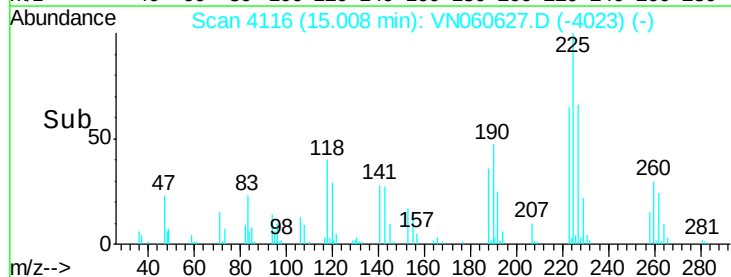
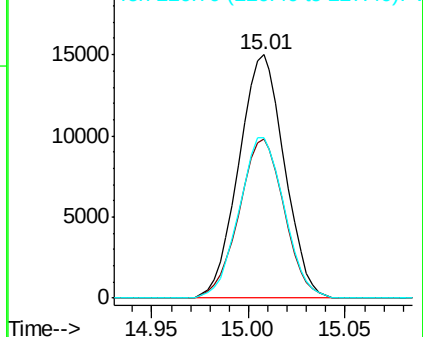
227 65.3 32.3 96.8

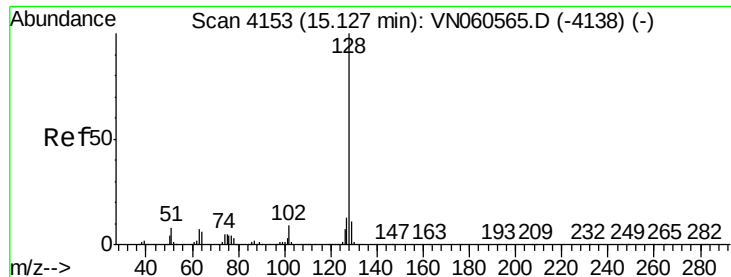


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

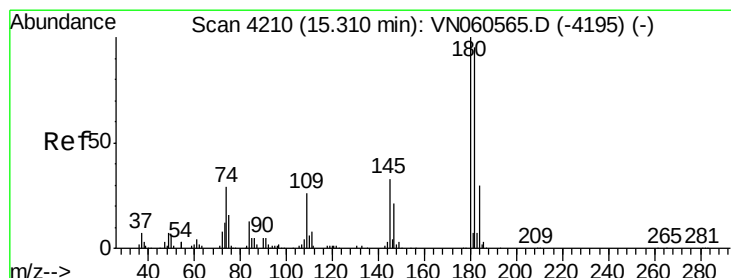
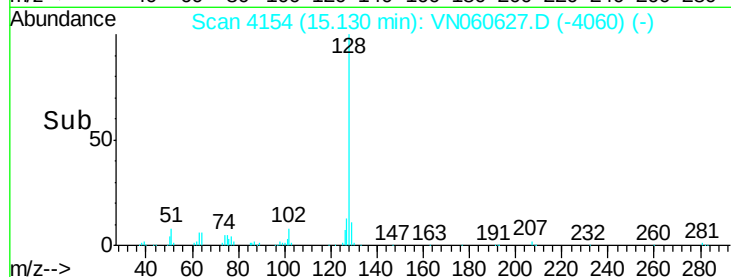
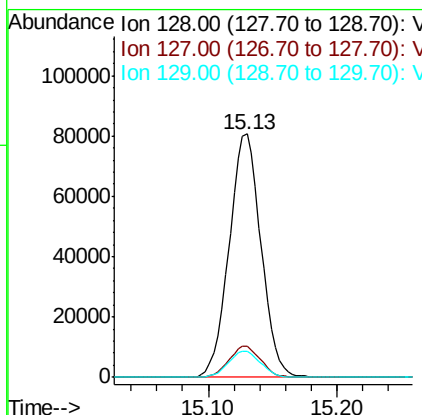
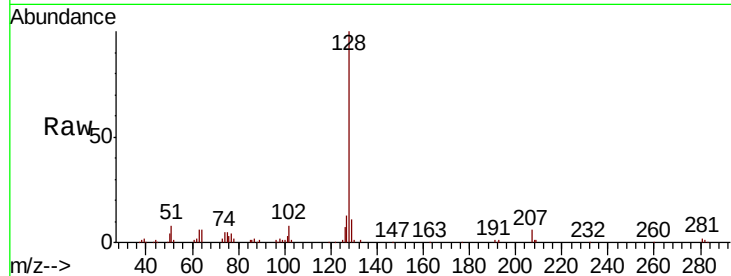




#95
Naphthalene
Concen: 17.614 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tot Ion:128 Resp: 138305
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.554 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060627.D
Acq: 19 Mar 2020 11:36

Tgt Ion:180 Resp: 47708
Ion Ratio Lower Upper
180 100
182 92.5 47.5 142.6
145 32.9 16.3 48.8

