

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN061001.D
 Acq On : 16 Apr 2020 6:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 07:59:55 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	136473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	235790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	217567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	100045	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
35) Dibromofluoromethane	7.56	113	75815	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	10.08	98	295256	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.39	95	109644	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51898	39.302	ug/l	98
3) Chloromethane	2.04	50	96026	38.936	ug/l	100
4) Vinyl Chloride	2.17	62	77859	40.362	ug/l	97
5) Bromomethane	2.55	94	40757	48.945	ug/l	97
6) Chloroethane	2.68	64	51306	46.172	ug/l	99
7) Trichlorofluoromethane	3.00	101	109710	46.169	ug/l	100
8) Diethyl Ether	3.38	74	47413	49.669	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	65031	47.230	ug/l	99
10) Methyl Iodide	3.92	142	49138	40.106	ug/l	99
11) Tert butyl alcohol	4.72	59	74108	268.968	ug/l	99
12) 1,1-Dichloroethene	3.71	96	66070	44.715	ug/l	95
13) Acrolein	3.57	56	81840	268.006	ug/l	99
14) Allyl chloride	4.29	41	120460	46.353	ug/l	98
15) Acrylonitrile	4.94	53	216830	267.621	ug/l	99
16) Acetone	3.78	43	174597	263.098	ug/l	99
17) Carbon Disulfide	4.03	76	171653	38.198	ug/l	99
18) Methyl Acetate	4.28	43	104075	55.717	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	253953	49.990	ug/l	98
20) Methylene Chloride	4.52	84	78545	48.114	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	71843	45.621	ug/l	92
22) Diisopropyl ether	5.91	45	290041	52.828	ug/l	99
23) Vinyl Acetate	5.85	43	1188184	265.240	ug/l	99
24) 1,1-Dichloroethane	5.82	63	152501	50.952	ug/l	99
25) 2-Butanone	6.79	43	288623	268.774	ug/l	98
26) 2,2-Dichloropropane	6.79	77	92273	39.183	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	86881	48.549	ug/l	100
28) Bromochloromethane	7.17	49	76732	53.584	ug/l	96
29) Tetrahydrofuran	7.18	42	195232	256.955	ug/l	99
30) Chloroform	7.34	83	143421	49.984	ug/l	98
31) Cyclohexane	7.63	56	132059	43.765	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	122656	49.587	ug/l	99
36) 1,1-Dichloropropene	7.77	75	106925	46.832	ug/l	99
37) Ethyl Acetate	6.89	43	121544	49.268	ug/l	99
38) Carbon Tetrachloride	7.75	117	95406	46.624	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	120232	44.313	ug/l	97
40) Benzene	8.02	78	326083	47.311	ug/l	100
41) Methacrylonitrile	7.17	41	175764	166.940	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	116742	49.562	ug/l	98
43) Isopropyl Acetate	8.14	43	206788	50.825	ug/l	99
44) Trichloroethene	8.81	130	80024	46.057	ug/l	99
45) 1,2-Dichloropropane	9.10	63	91760	50.454	ug/l	99
46) Dibromomethane	9.19	93	54183	49.280	ug/l	99
47) Bromodichloromethane	9.38	83	115072	50.365	ug/l	98
48) Methyl methacrylate	9.18	41	92566	51.100	ug/l	98
49) 1,4-Dioxane	9.18	88	23548	1093.665	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	615156	265.702	ug/l	99
52) Toluene	10.14	92	196859	47.293	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	127992	48.769	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	135961	47.222	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	79754	49.803	ug/l	99
56) Ethyl methacrylate	10.42	69	130947	52.443	ug/l	99
57) 1,3-Dichloropropane	10.69	76	140658	50.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	310775	250.424	ug/l	99
59) 2-Hexanone	10.74	43	443537	265.946	ug/l	100
60) Dibromochloromethane	10.89	129	84073	50.826	ug/l	100
61) 1,2-Dibromoethane	10.99	107	79986	49.672	ug/l	100
64) Tetrachloroethene	10.62	164	73144	42.723	ug/l	99
65) Chlorobenzene	11.42	112	204496	47.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	76819	49.192	ug/l	98
67) Ethyl Benzene	11.50	91	384998	48.000	ug/l	100
68) m/p-Xylenes	11.61	106	277661	93.157	ug/l	97
69) o-Xylene	11.94	106	136100	47.833	ug/l	100
70) Styrene	11.96	104	227859	48.965	ug/l	99
71) Bromoform	12.12	173	60373	46.633	ug/l #	100
73) Isopropylbenzene	12.24	105	369408	47.533	ug/l	99
74) N-amyl acetate	12.06	43	178918	49.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	120754	51.380	ug/l	99
76) 1,2,3-Trichloropropane	12.54	75	156534	70.051	ug/l #	100
77) Bromobenzene	12.52	156	87430	46.687	ug/l	99
78) n-propylbenzene	12.58	91	434646	47.338	ug/l	99
79) 2-Chlorotoluene	12.67	91	256481	46.752	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	307536	46.630	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	38056	43.740	ug/l	99
82) 4-Chlorotoluene	12.77	91	266763	47.743	ug/l	98
83) tert-Butylbenzene	12.99	119	259263	47.421	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	310579	47.601	ug/l	99
85) sec-Butylbenzene	13.17	105	355459	48.350	ug/l	99
86) p-Isopropyltoluene	13.28	119	314603	47.588	ug/l	99
87) 1,3-Dichlorobenzene	13.27	146	156661	47.432	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	156795	47.251	ug/l	99
89) n-Butylbenzene	13.61	91	290734	48.710	ug/l	99
90) Hexachloroethane	13.87	117	50067	52.101	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	152818	48.388	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	24509	49.788	ug/l	96

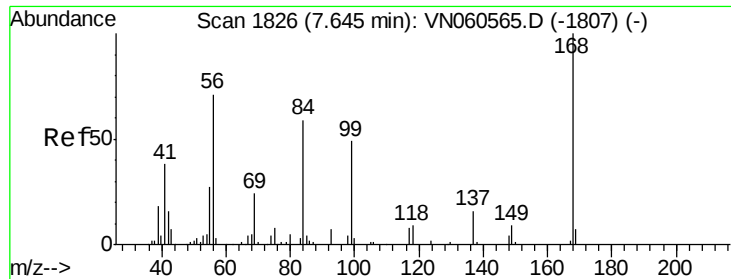
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	96615	49.816	ug/l	100
94) Hexachlorobutadiene	15.00	225	44330	46.626	ug/l	98
95) Naphthalene	15.13	128	288173	49.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	94246	49.336	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

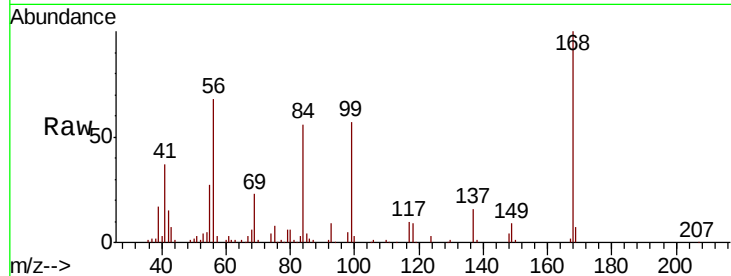
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 136473

Ion Ratio Lower Upper

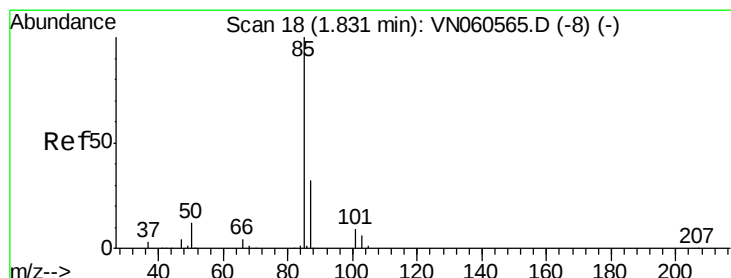
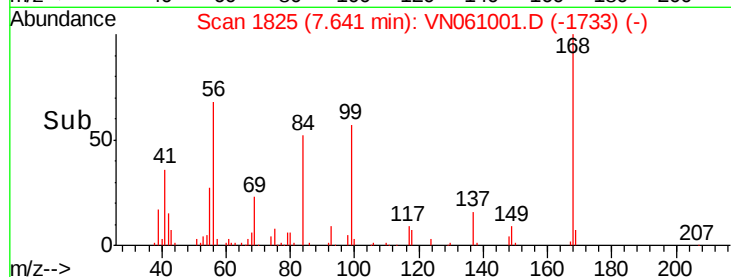
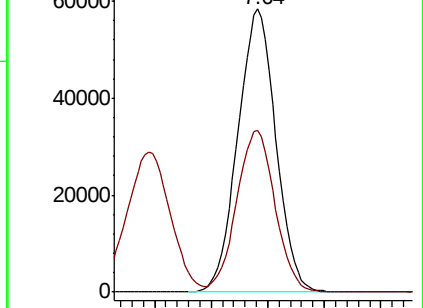
168 100

99 57.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 39.302 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061001.D

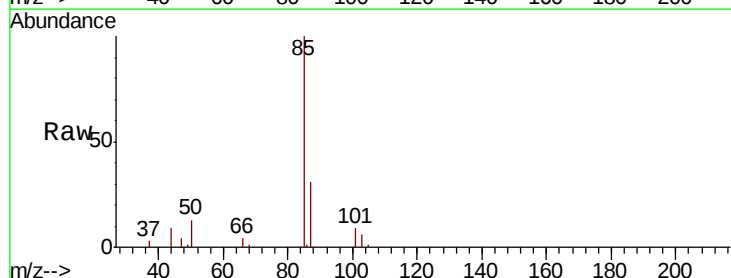
Acq: 16 Apr 2020 6:36

Tgt Ion: 85 Resp: 51898

Ion Ratio Lower Upper

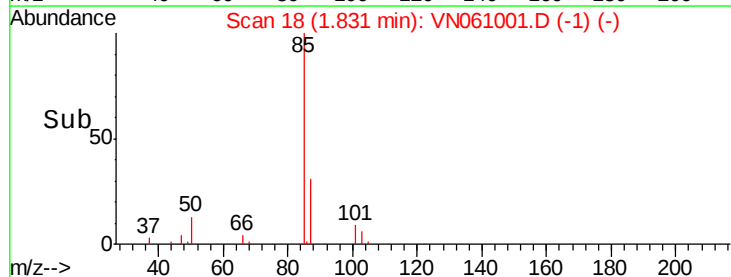
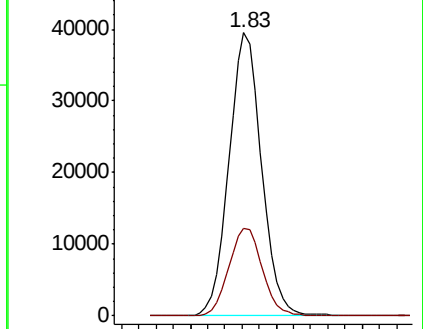
85 100

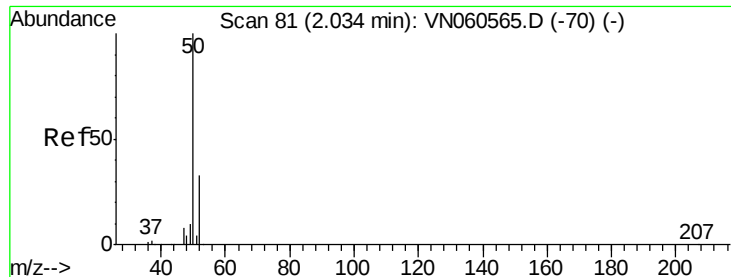
87 31.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 38.936 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

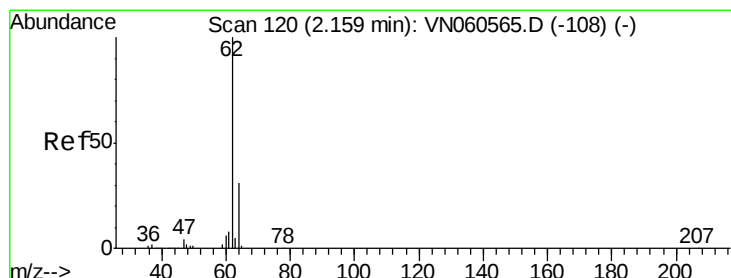
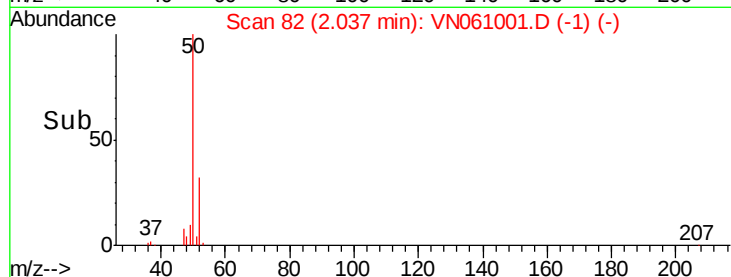
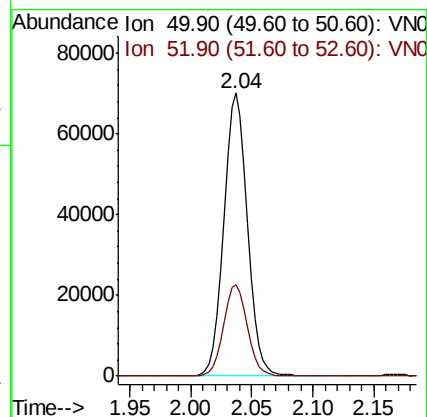
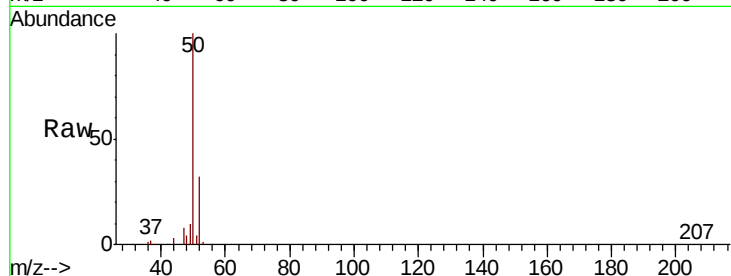
ClientSampleId :

Tot Ion: 50 Resp: 96026

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 40.362 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN061001.D

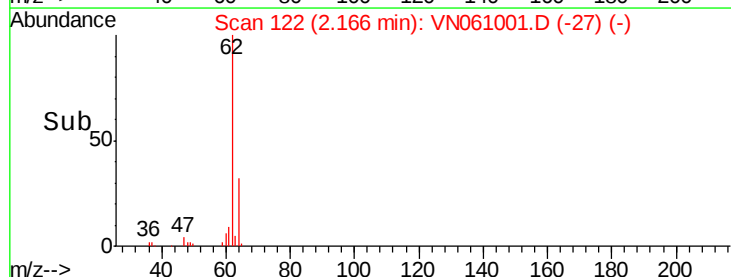
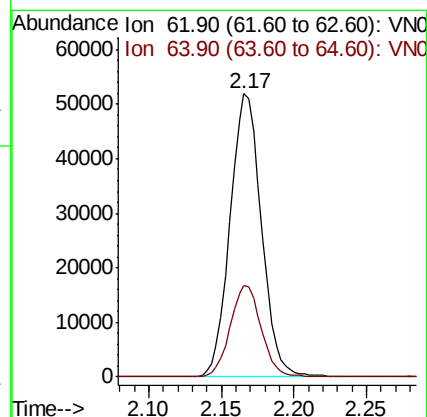
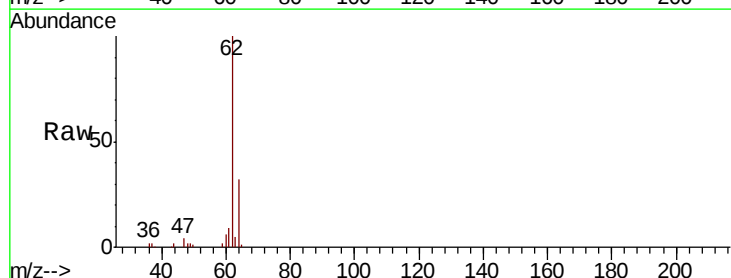
Acq: 16 Apr 2020 6:36

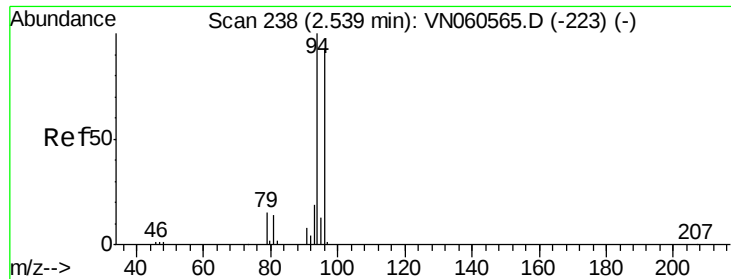
Tgt Ion: 62 Resp: 77859

Ion Ratio Lower Upper

62 100

64 32.4 24.7 37.1

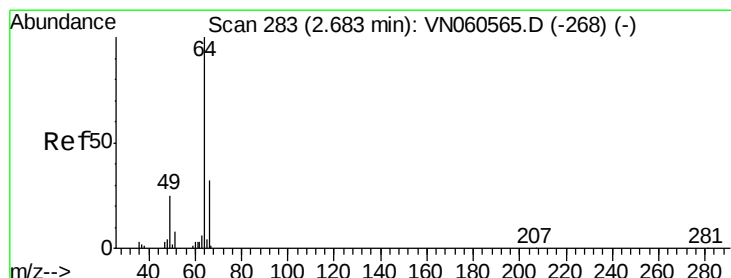
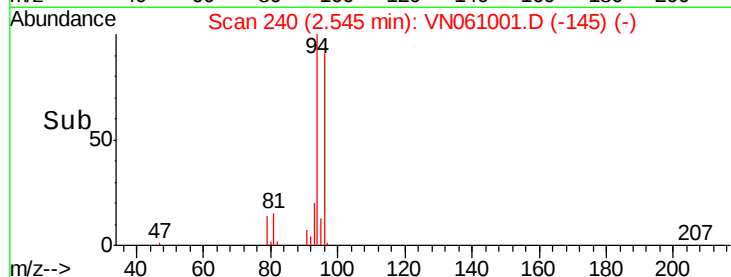
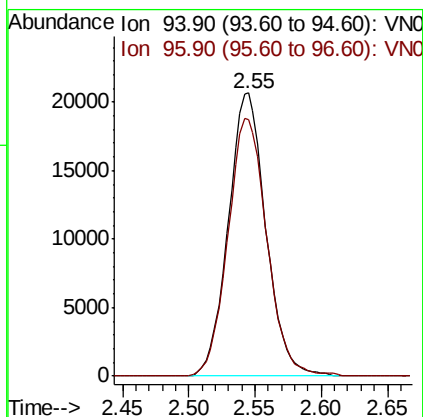
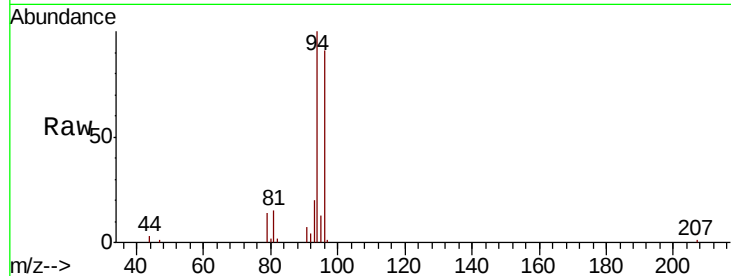




#5
Bromomethane
Concen: 48.945 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

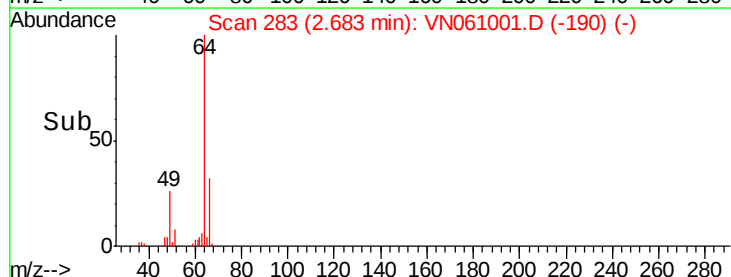
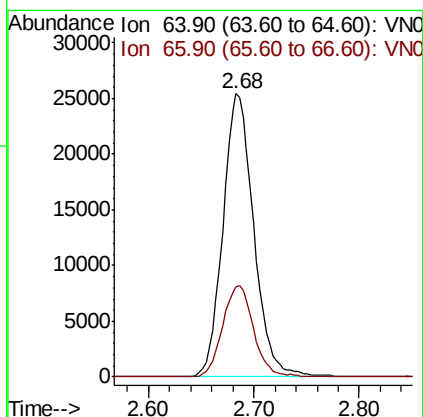
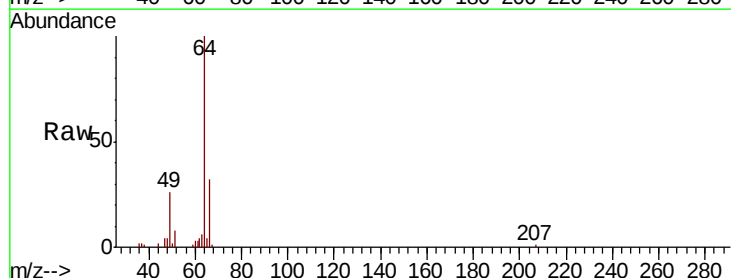
Instrument :
MSVOA_N
ClientSampleId :

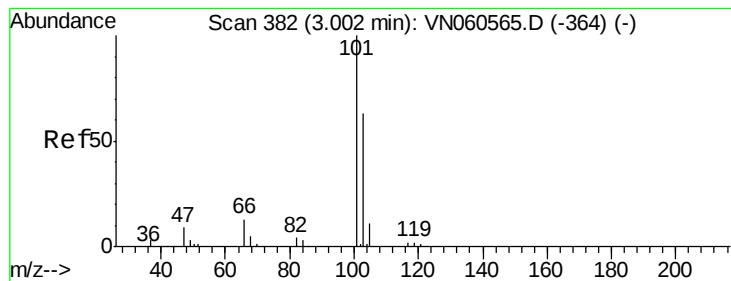
Tot Ion: 94 Resp: 40757
Ion Ratio Lower Upper
94 100
96 90.8 74.6 112.0



#6
Chloroethane
Concen: 46.172 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion: 64 Resp: 51306
Ion Ratio Lower Upper
64 100
66 31.9 25.3 37.9



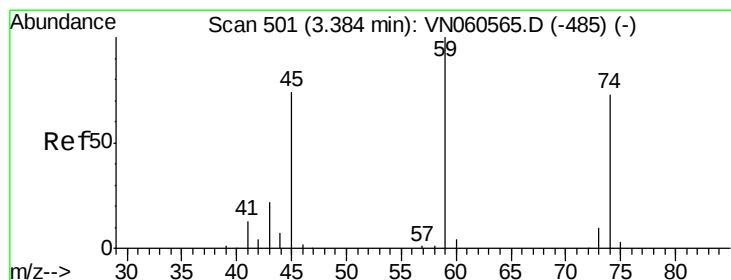
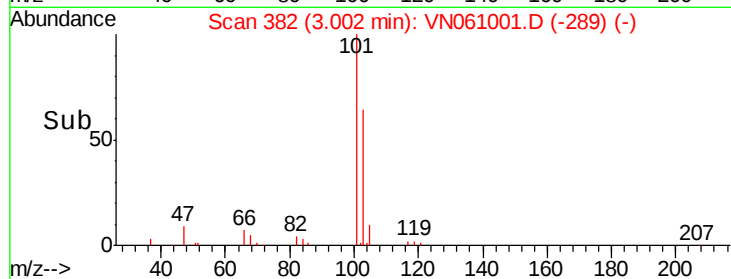
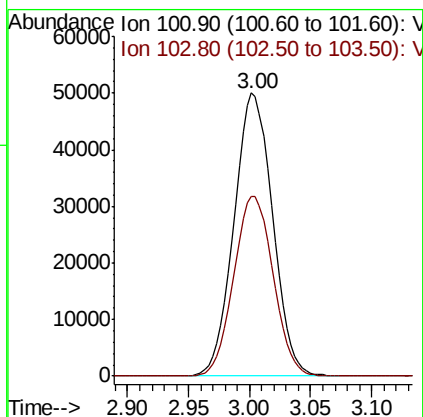
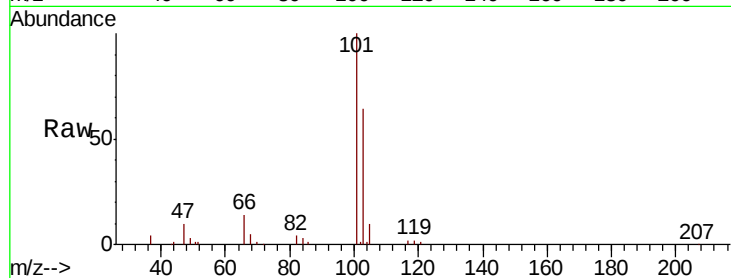


#7

Trichlorofluoromethane
 Concen: 46.169 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Instrument :
 MSVOA_N
 ClientSampled :

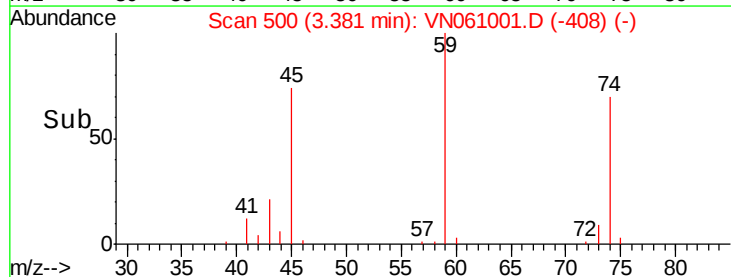
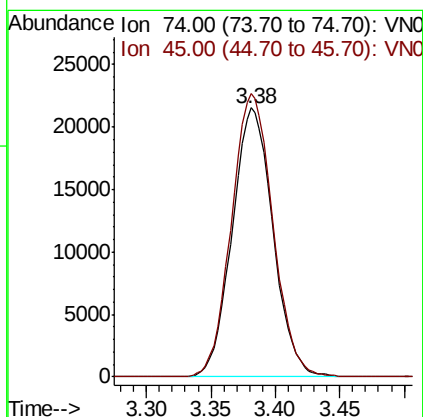
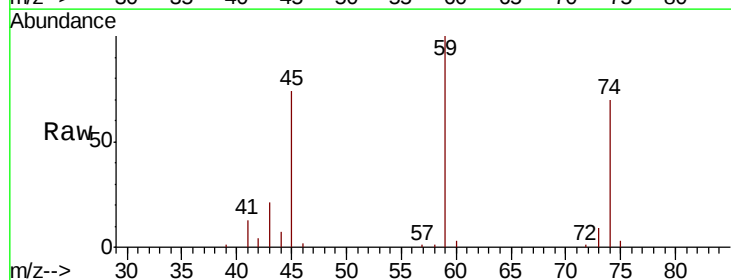
Tot Ion:101 Resp: 109710
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.6 76.0

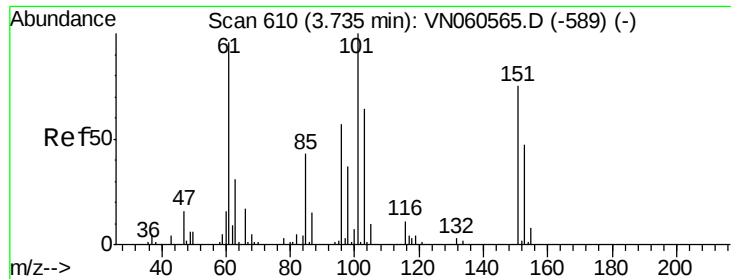


#8

Diethyl Ether
 Concen: 49.669 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Tgt Ion: 74 Resp: 47413
 Ion Ratio Lower Upper
 74 100
 45 106.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.230 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampled :

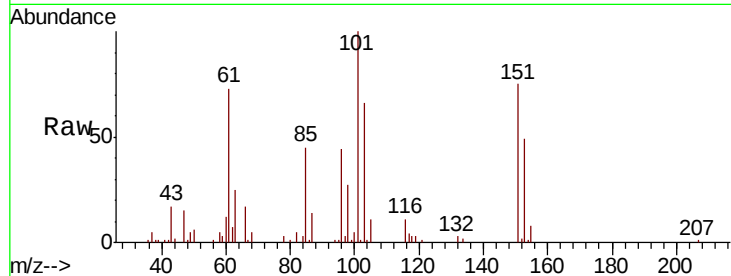
Tot Ion:101 Resp: 65031

Ion Ratio Lower Upper

101 100

85 45.1 35.6 53.4

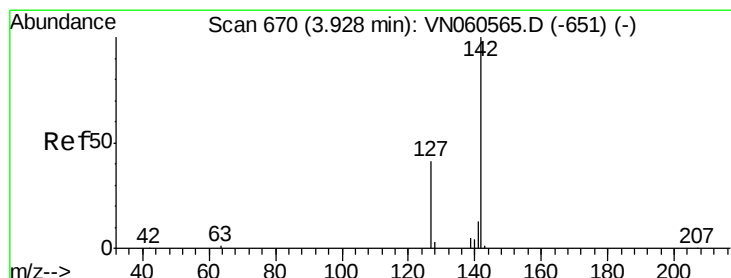
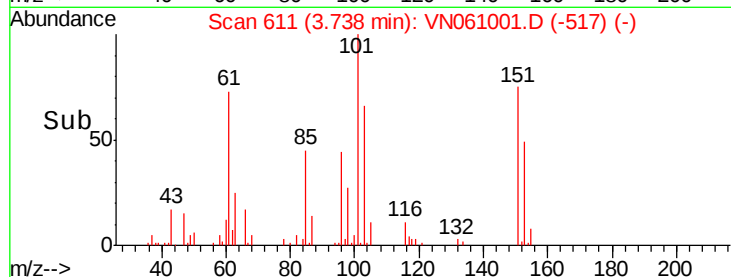
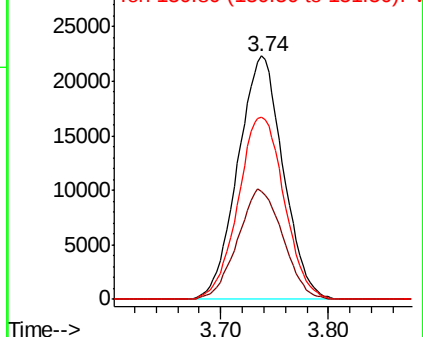
151 76.1 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.106 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

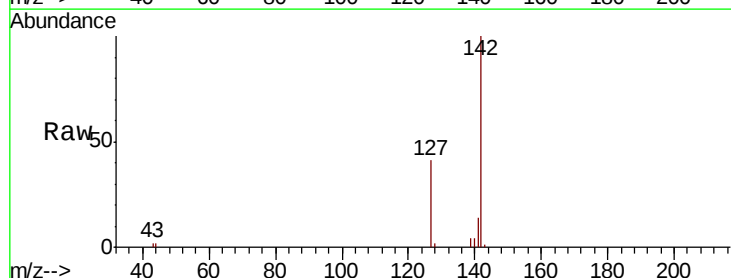
Tgt Ion:142 Resp: 49138

Ion Ratio Lower Upper

142 100

127 41.5 33.5 50.3

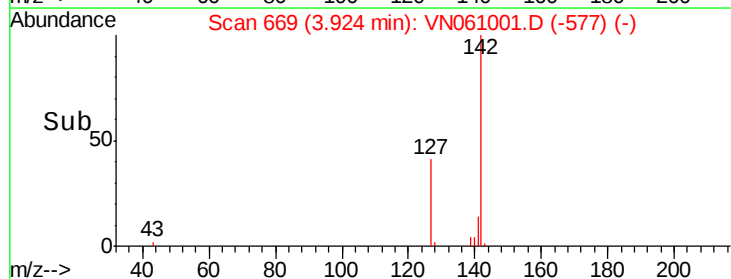
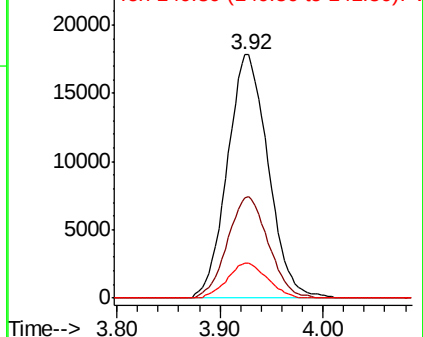
141 14.2 11.0 16.6

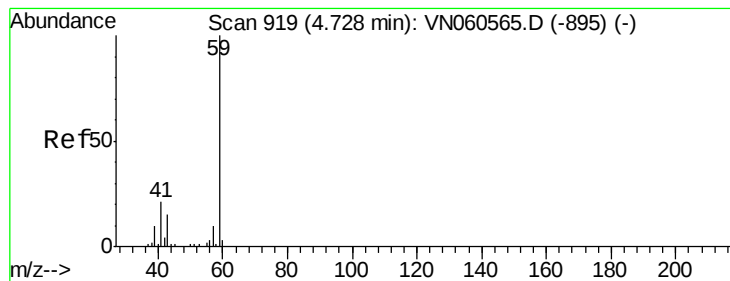


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



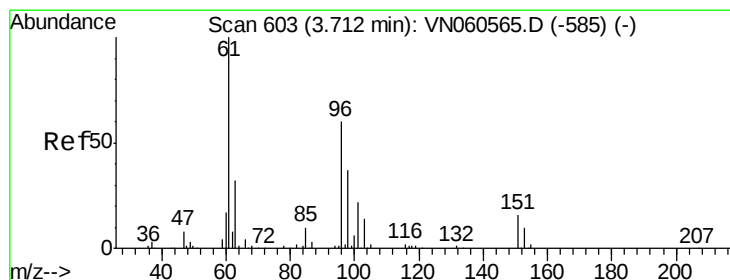
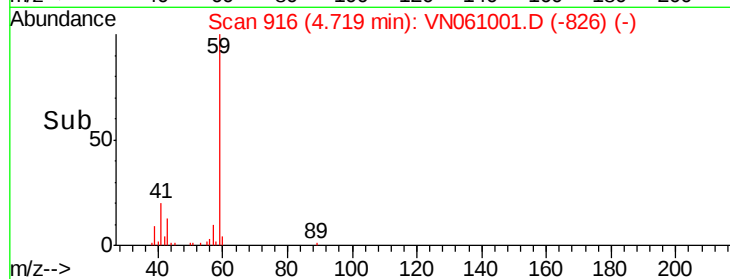
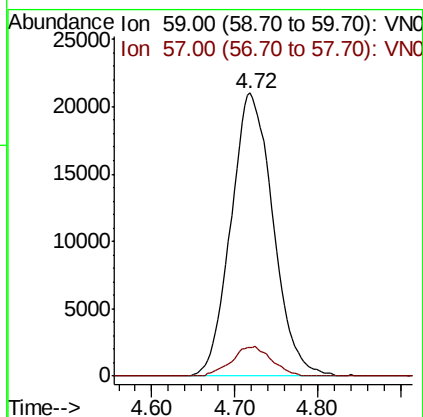
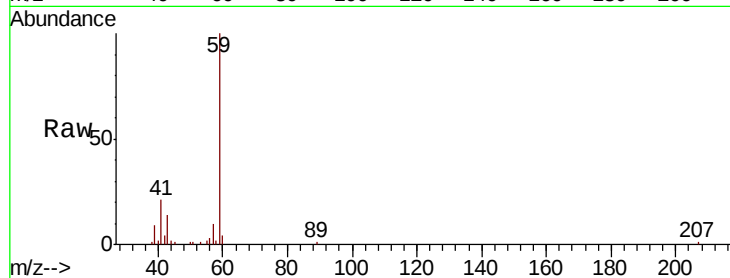


#11

Tert butyl alcohol
 Concen: 268.968 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Instrument :
 MSVOA_N
 ClientSampled :

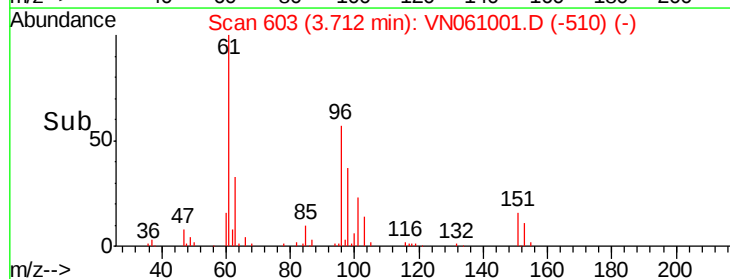
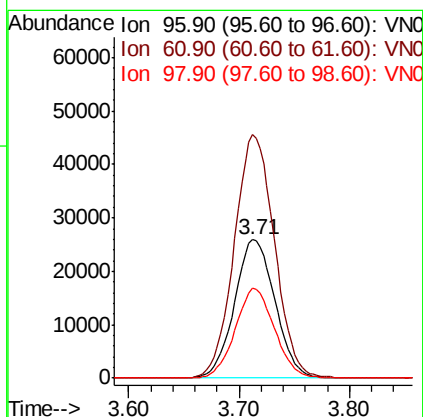
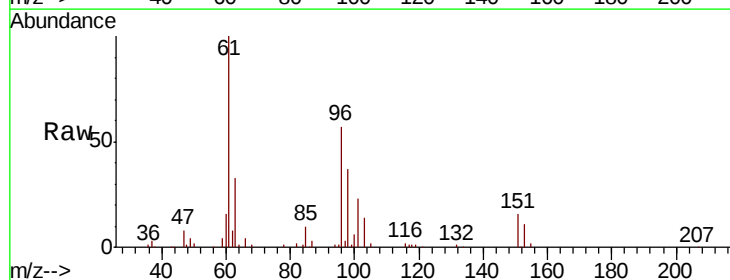
Tot Ion: 59 Resp: 74108
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

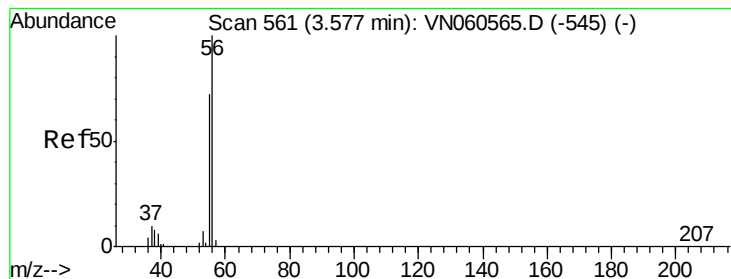


#12

1,1-Dichloroethene
 Concen: 44.715 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Tgt Ion: 96 Resp: 66070
 Ion Ratio Lower Upper
 96 100
 61 175.7 134.1 201.1
 98 64.6 49.9 74.9





#13

Acrolein

Concen: 268.006 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

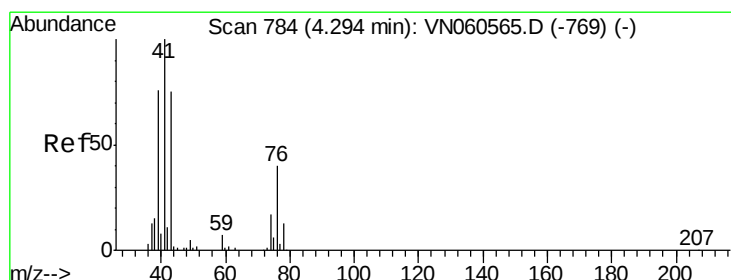
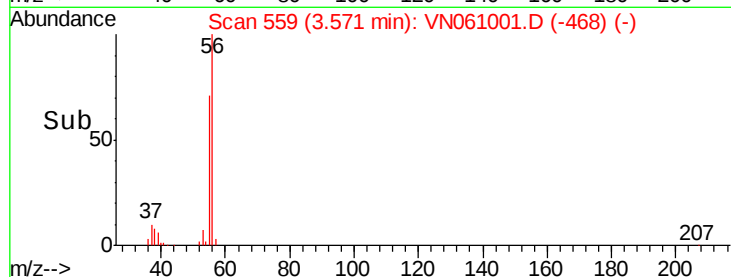
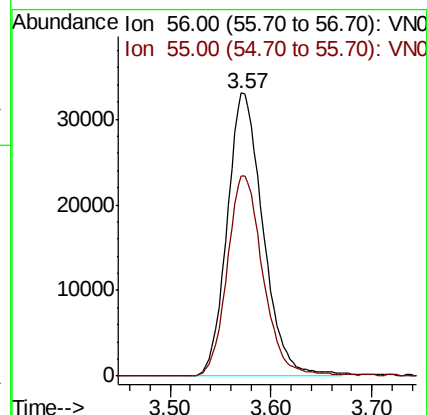
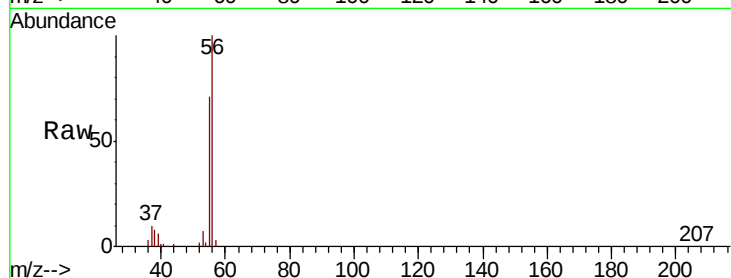
ClientSampleId :

Tot Ion: 56 Resp: 81840

Ion Ratio Lower Upper

56 100

55 70.4 56.7 85.1



#14

Allyl chloride

Concen: 46.353 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

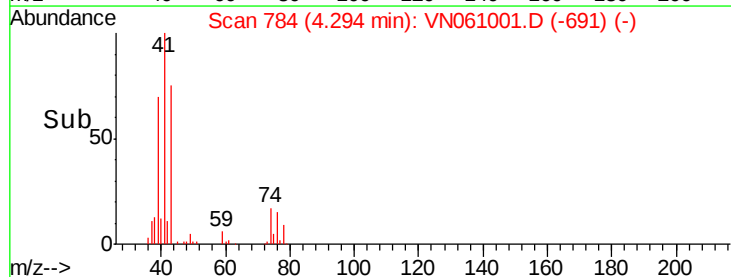
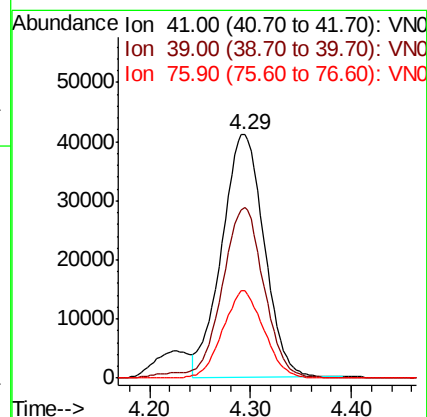
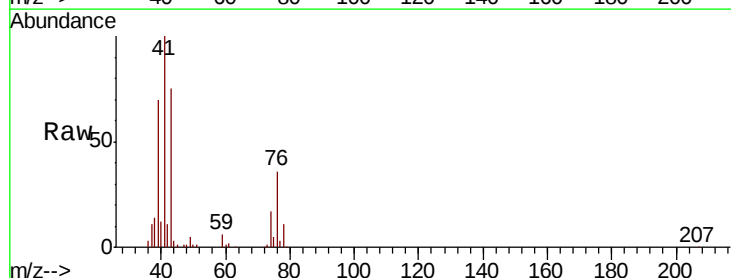
Tgt Ion: 41 Resp: 120460

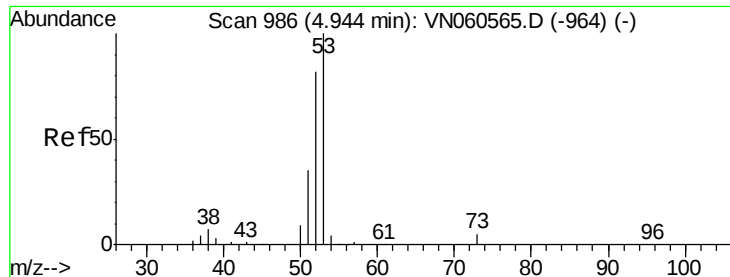
Ion Ratio Lower Upper

41 100

39 70.3 57.8 86.8

76 34.6 28.6 43.0





#15

Acrylonitrile

Concen: 267.621 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :
MSVOA_N
ClientSampleId :

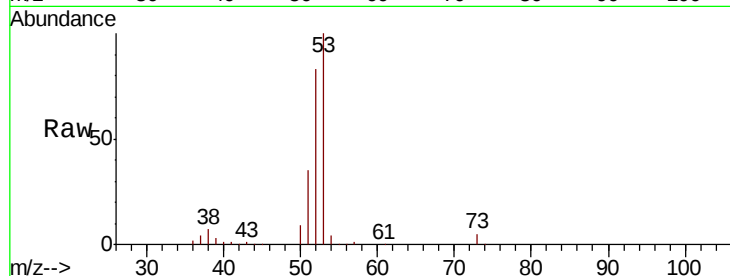
Tot Ion: 53 Resp: 216830

Ion Ratio Lower Upper

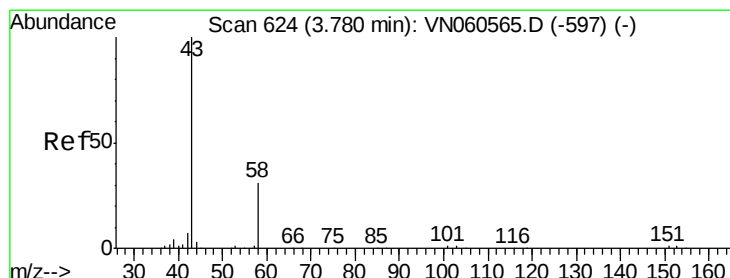
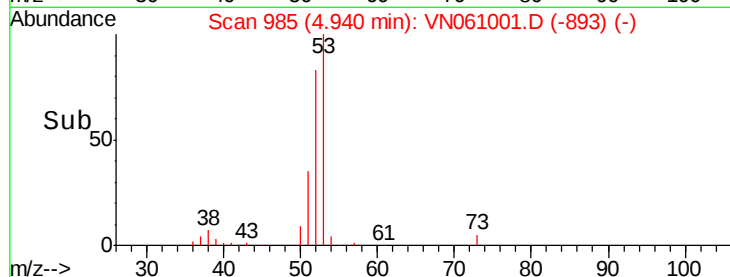
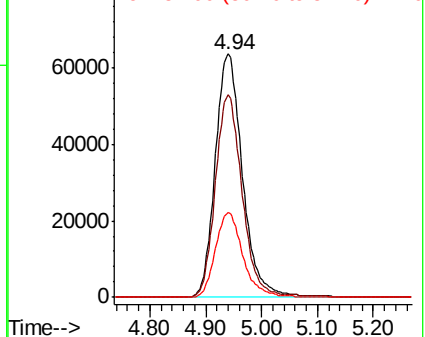
53 100

52 81.9 66.2 99.4

51 35.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 263.098 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN061001.D

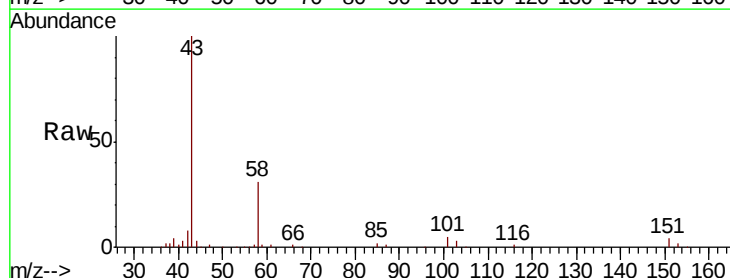
Acq: 16 Apr 2020 6:36

Tgt Ion: 43 Resp: 174597

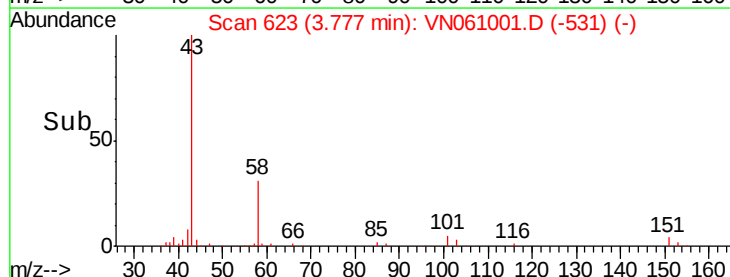
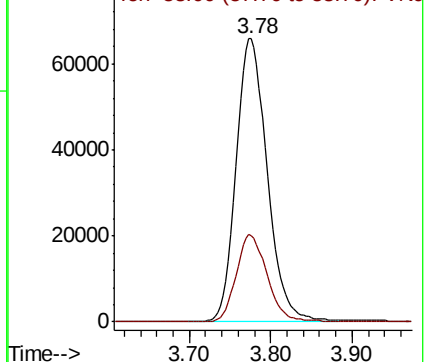
Ion Ratio Lower Upper

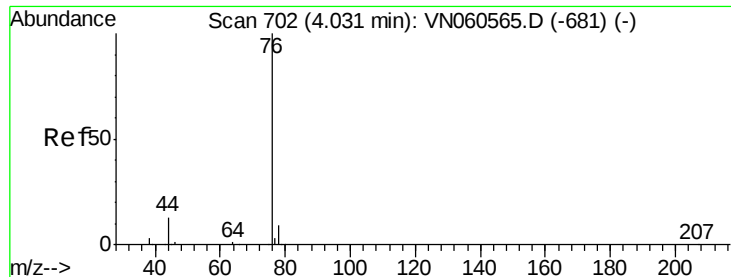
43 100

58 30.6 25.1 37.7



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

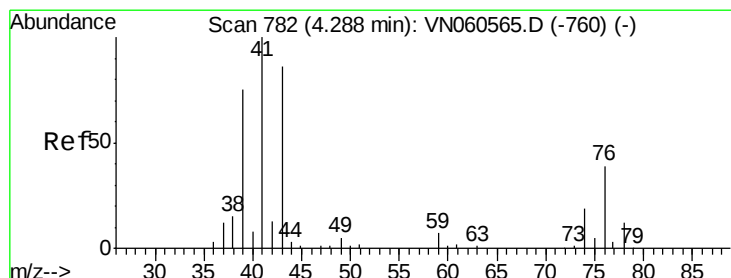
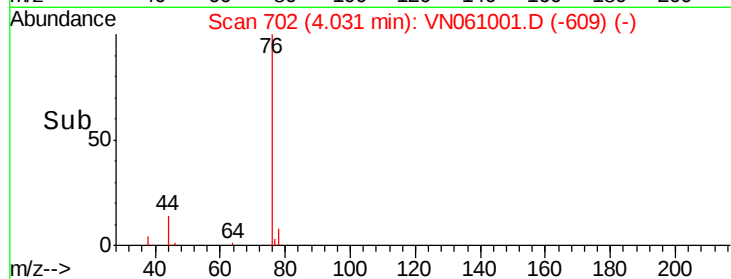
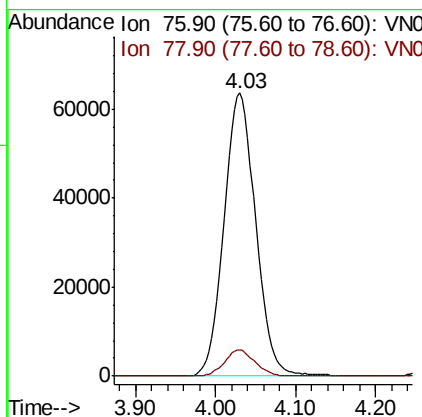
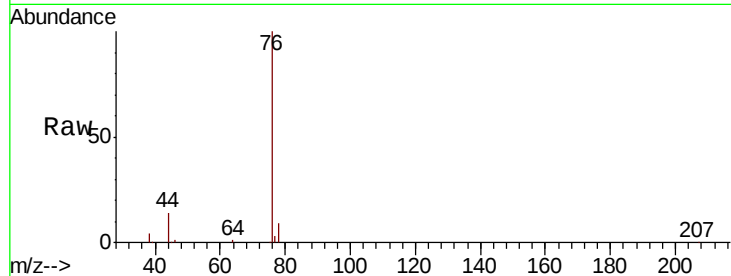




#17
Carbon Disulfide
Concen: 38.198 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

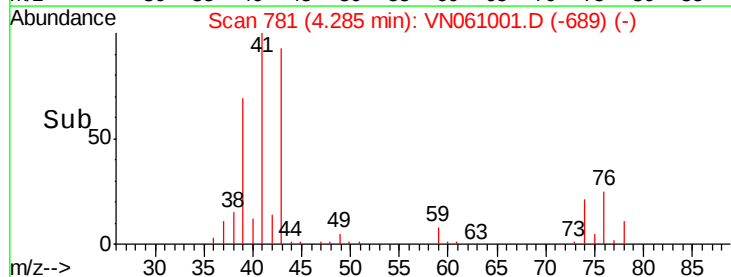
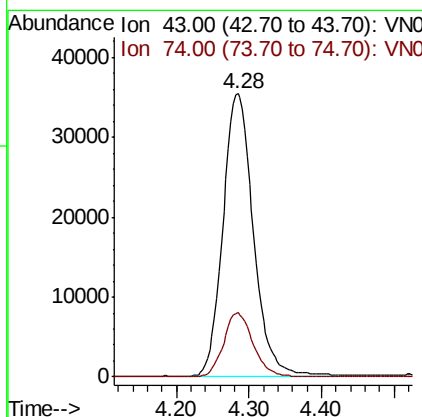
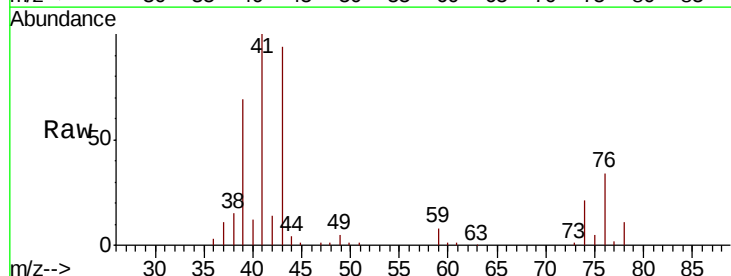
Instrument :
MSVOA_N
ClientSampleId :

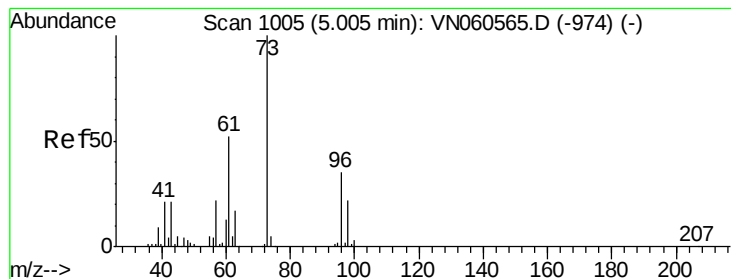
Tot Ion: 76 Resp: 171653
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 55.717 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion: 43 Resp: 104075
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3



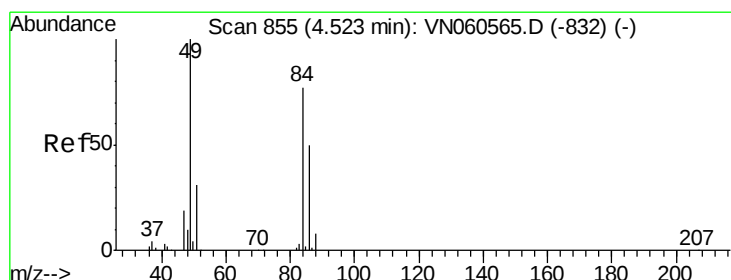
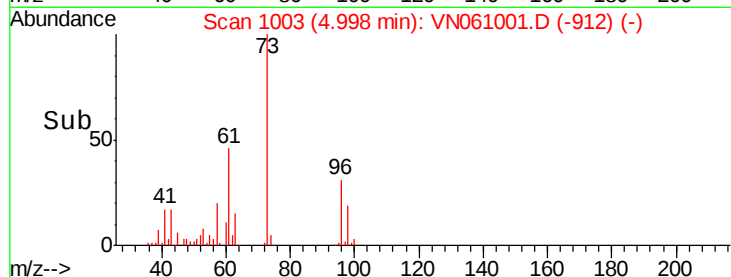
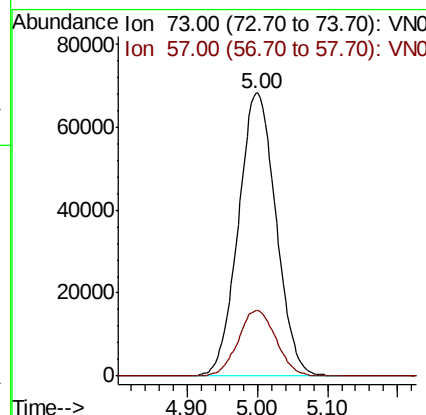
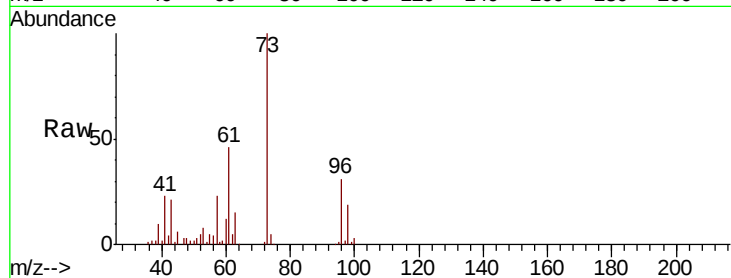


#19

Methyl tert-butyl Ether
 Concen: 49.990 ug/l
 RT: 5.00 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Instrument :
 MSVOA_N
 ClientSampled :

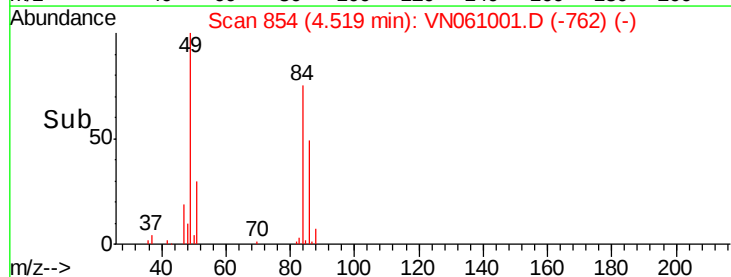
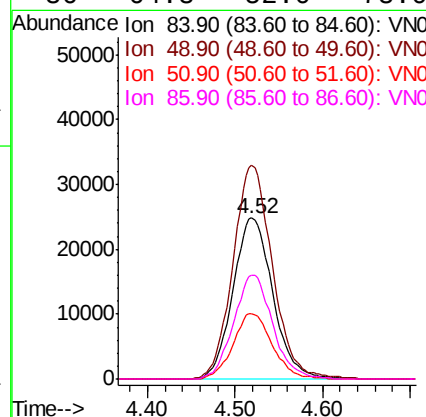
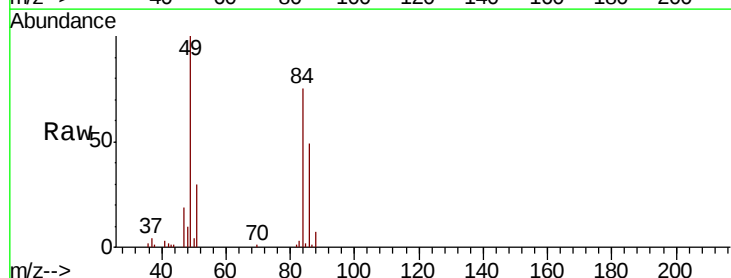
Tot Ion: 73 Resp: 253953
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.5 26.3

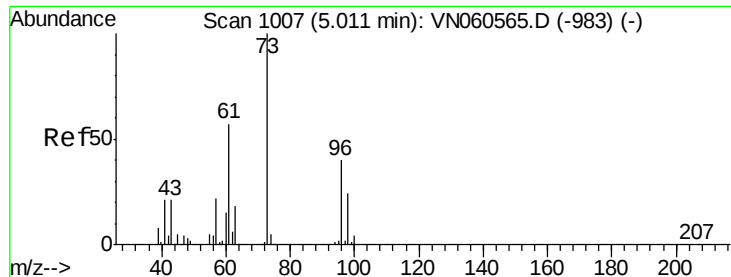


#20

Methylene Chloride
 Concen: 48.114 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Tgt Ion: 84 Resp: 78545
 Ion Ratio Lower Upper
 84 100
 49 132.8 103.3 154.9
 51 40.4 31.6 47.4
 86 64.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 45.621 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampled :

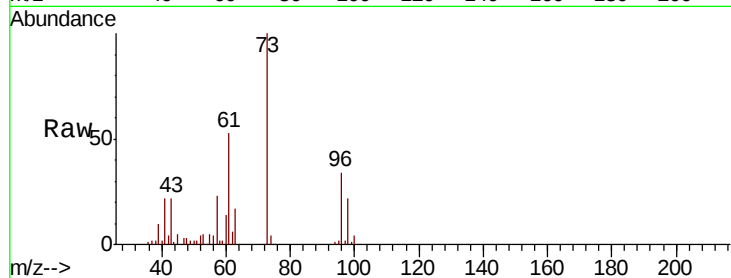
Tot Ion: 96 Resp: 71843

Ion Ratio Lower Upper

96 100

61 153.3 114.4 171.6

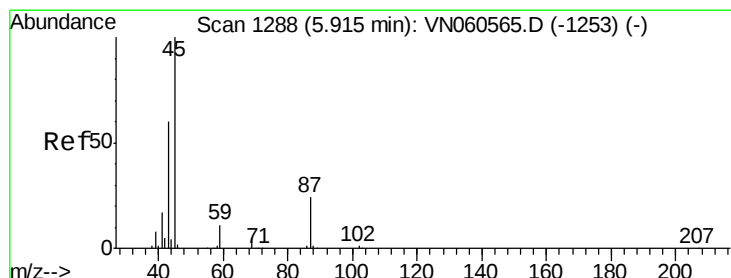
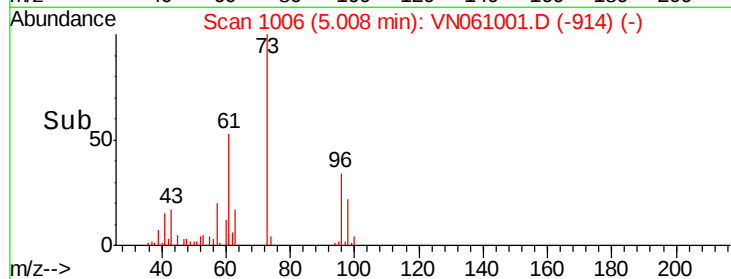
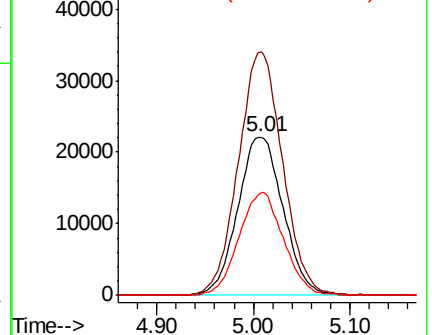
98 65.1 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060565.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN060565.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-983) (-)



#22

Diisopropyl ether

Concen: 52.828 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Tgt Ion: 45 Resp: 290041

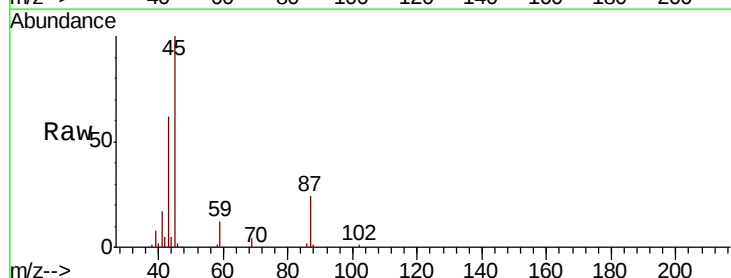
Ion Ratio Lower Upper

45 100

43 61.4 49.8 74.8

87 24.5 20.1 30.1

59 11.3 9.2 13.8

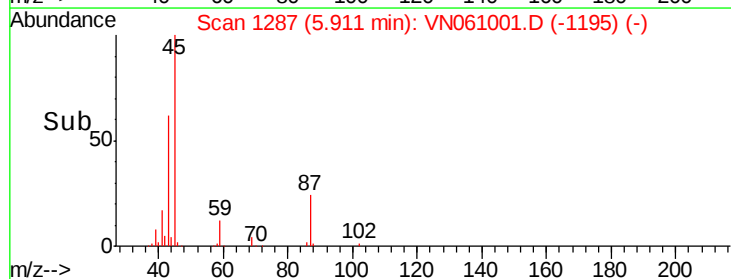
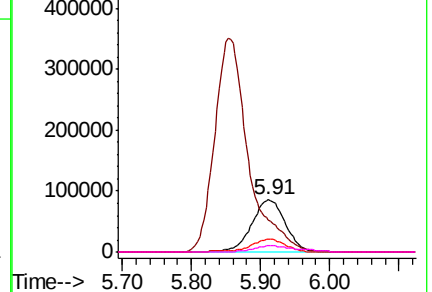


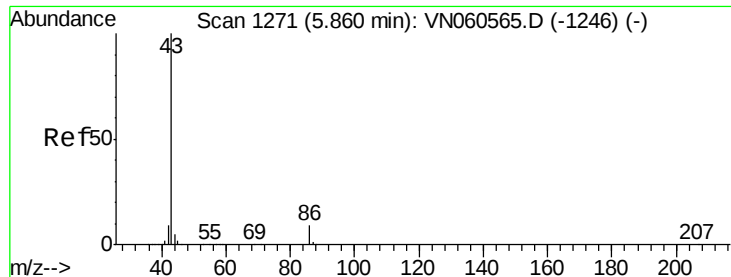
Abundance Ion 45.00 (44.70 to 45.70): VN060565.D (-1253) (-)

Ion 43.00 (42.70 to 43.70): VN060565.D (-1253) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1253) (-)

Ion 59.00 (58.70 to 59.70): VN060565.D (-1253) (-)





#23

Vinyl Acetate

Concen: 265.240 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

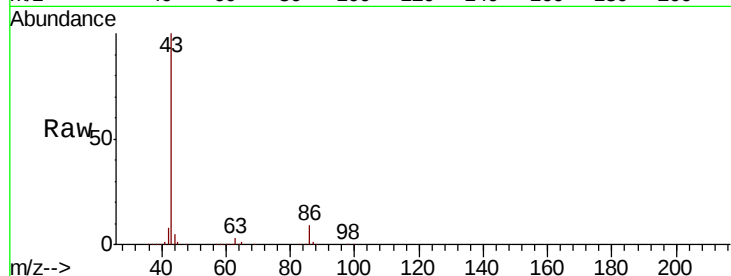
ClientSampleId :

Tot Ion: 43 Resp: 1188184

Ion Ratio Lower Upper

43 100

86 9.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN060565.D (-1246) (-)

5.85

400000

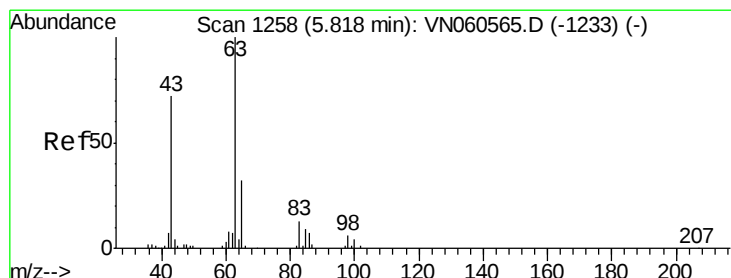
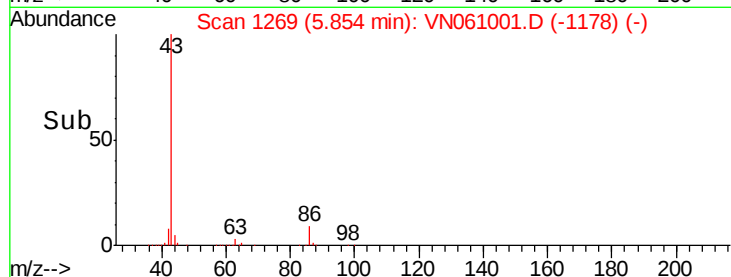
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.952 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

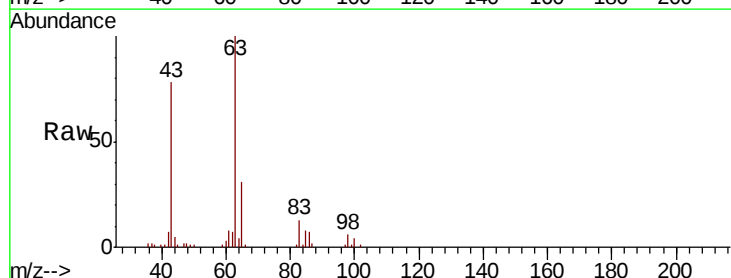
Tgt Ion: 63 Resp: 152501

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.7

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060565.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN060565.D (-1233) (-)

5.82

60000

50000

40000

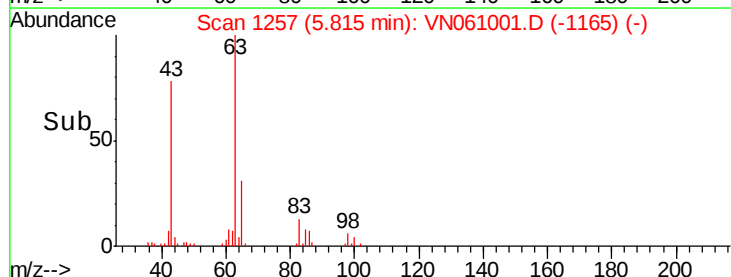
30000

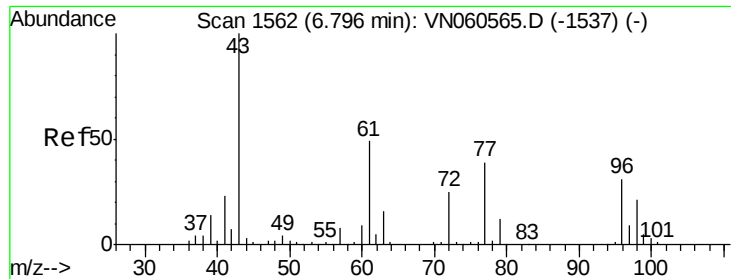
20000

10000

0

Time-->

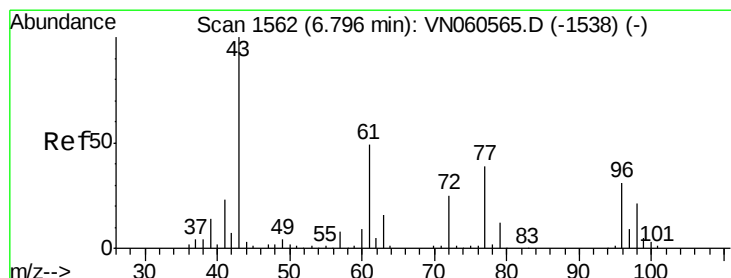
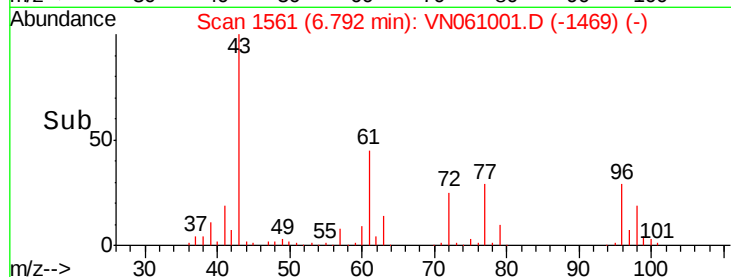
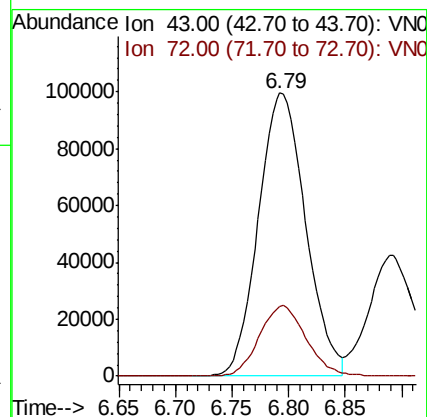
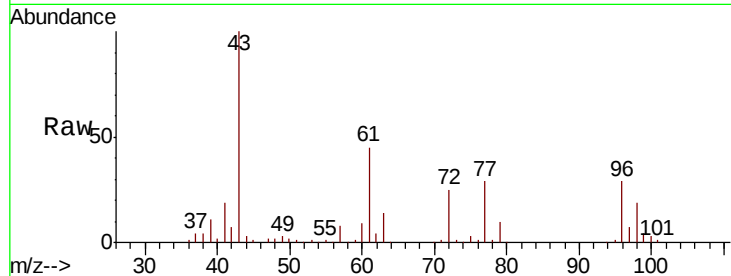




#25
2-Butanone
Concen: 268.774 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

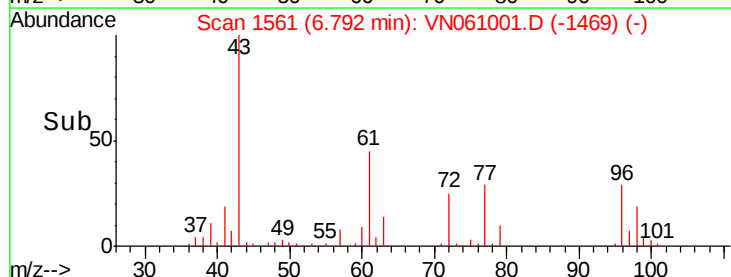
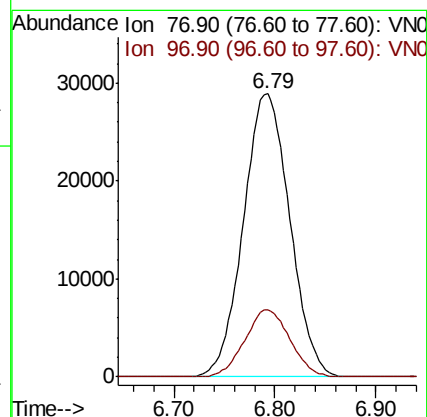
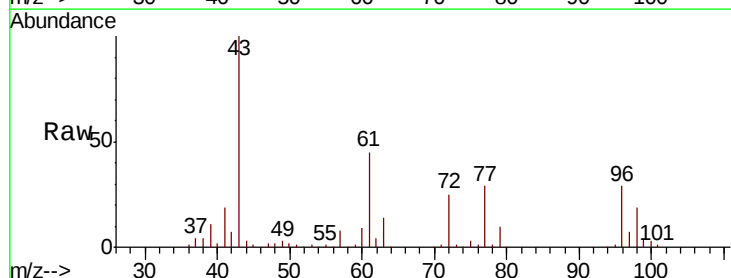
Instrument :
MSVOA_N
ClientSampled :

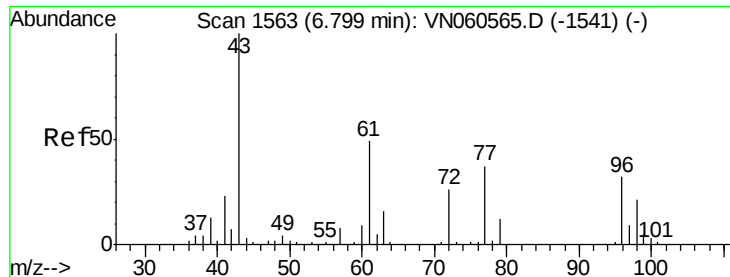
Tot Ion: 43 Resp: 288623
Ion Ratio Lower Upper
43 100
72 24.7 20.4 30.6



#26
2,2-Dichloropropane
Concen: 39.183 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion: 77 Resp: 92273
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.549 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

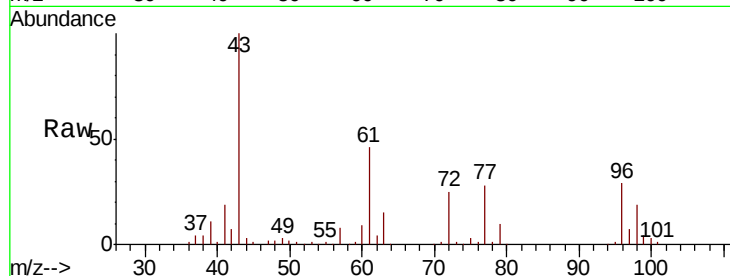
Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 86881

Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	305.6
98	64.0	0.0	127.6

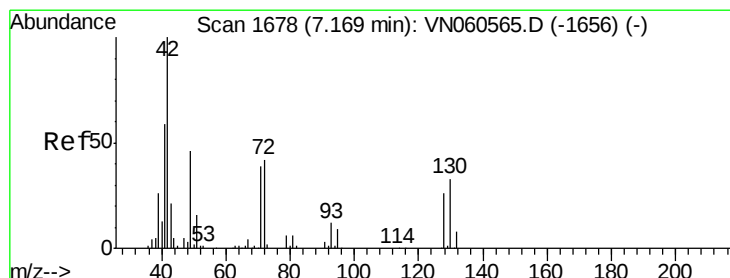
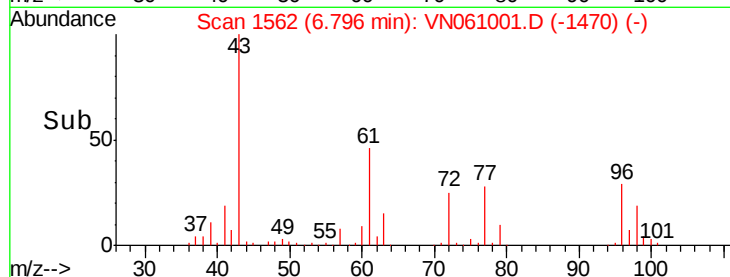
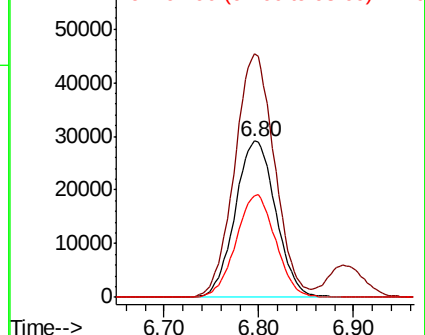


Abundance

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: 53.584 ug/l

RT: 7.17 min Scan# 1677

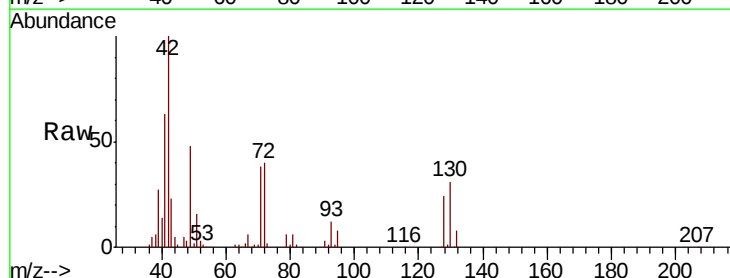
Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Tgt Ion: 49 Resp: 76732

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	65.5	55.0	82.4

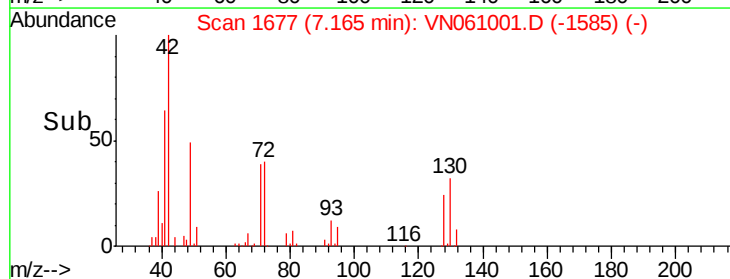
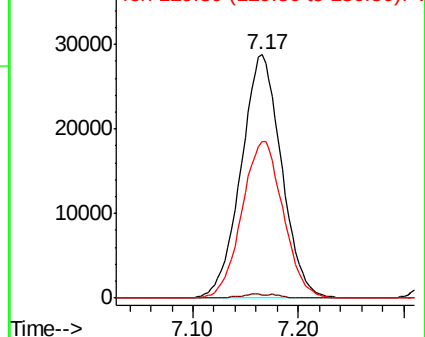


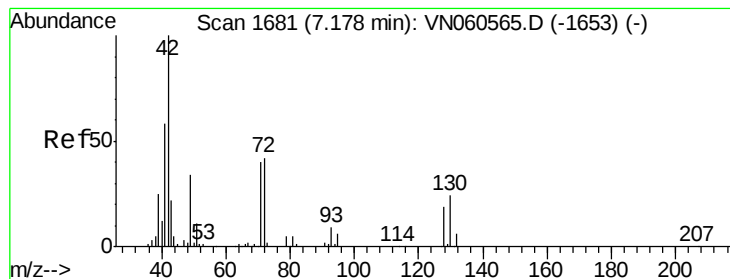
Abundance

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: 256.955 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

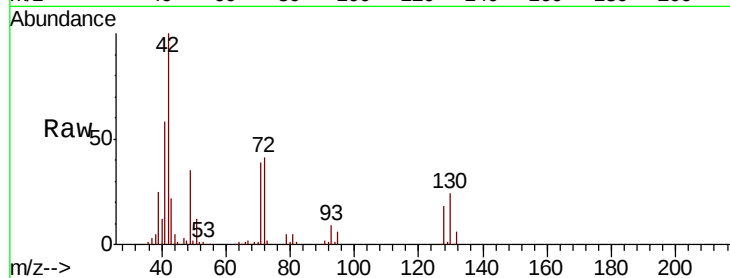
Tot Ion: 42 Resp: 195232

Ion Ratio Lower Upper

42 100

72 40.5 33.2 49.8

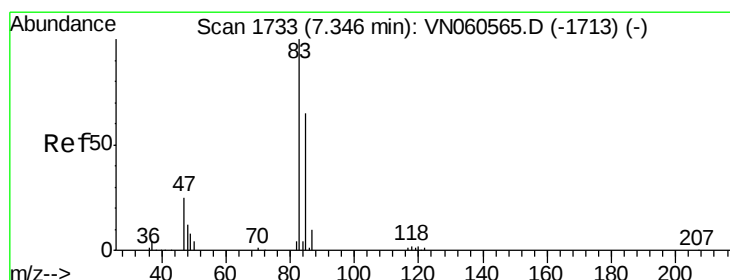
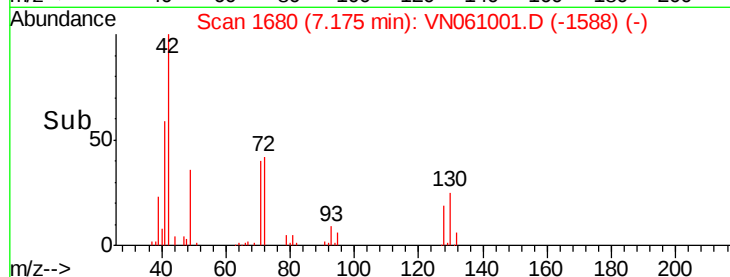
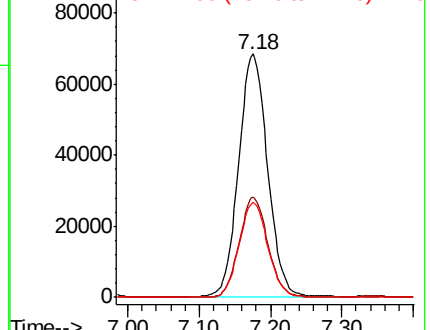
71 38.4 31.1 46.7



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: 49.984 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN061001.D

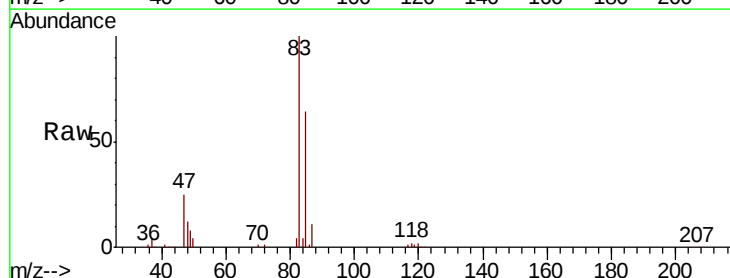
Acq: 16 Apr 2020 6:36

Tgt Ion: 83 Resp: 143421

Ion Ratio Lower Upper

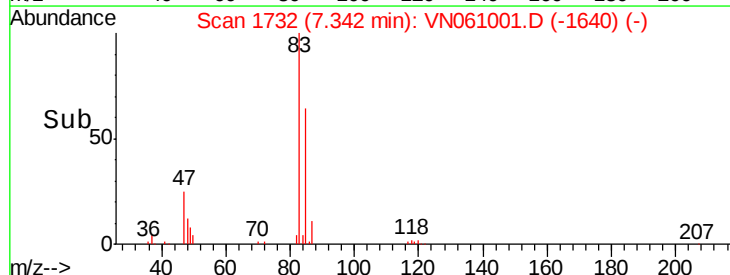
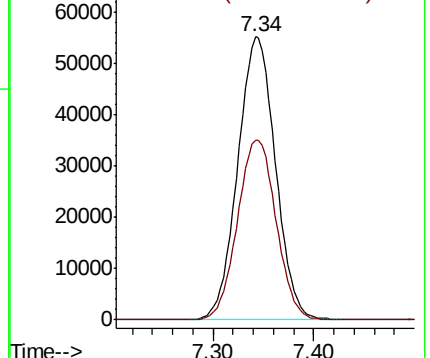
83 100

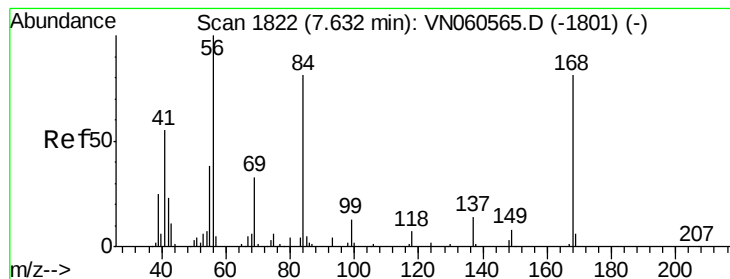
85 63.6 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 43.765 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampled :

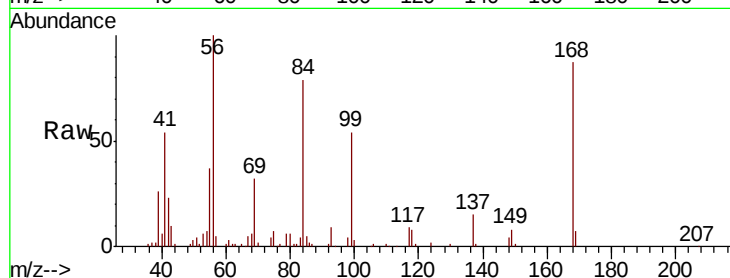
Tot Ion: 56 Resp: 132059

Ion Ratio Lower Upper

56 100

69 32.1 26.6 40.0

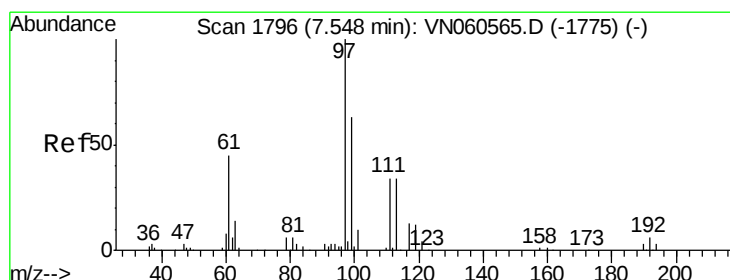
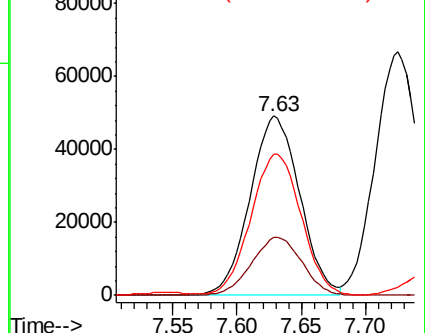
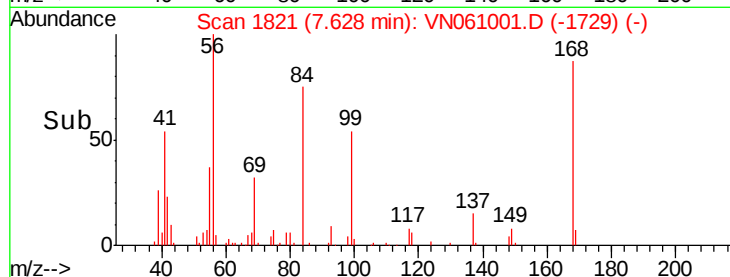
84 77.9 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN061001.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN061001.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN061001.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 49.587 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

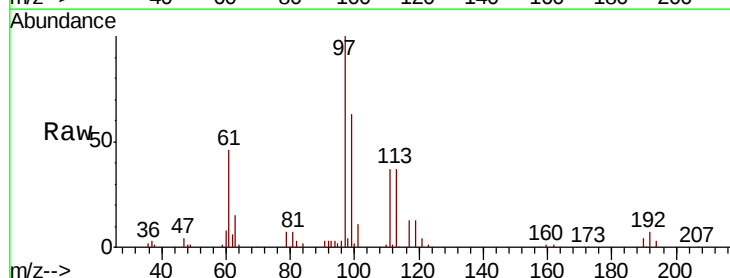
Tgt Ion: 97 Resp: 122656

Ion Ratio Lower Upper

97 100

99 63.5 50.6 75.8

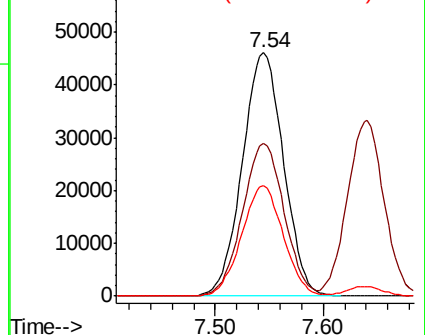
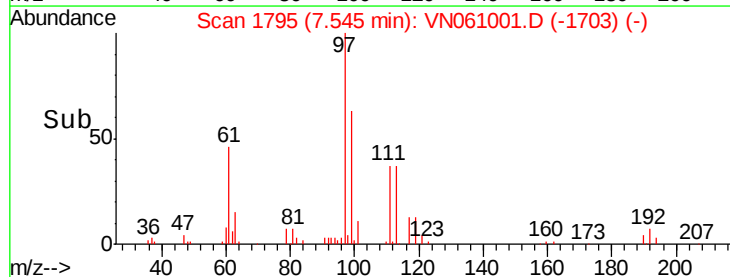
61 45.9 36.2 54.4

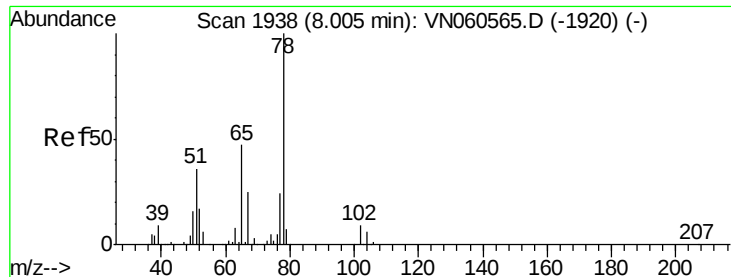


Abundance Ion 96.90 (96.60 to 97.60): VN061001.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN061001.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN061001.D (-1703) (-)





#33

1,2-Dichloroethane-d4

Concen: 53.401 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

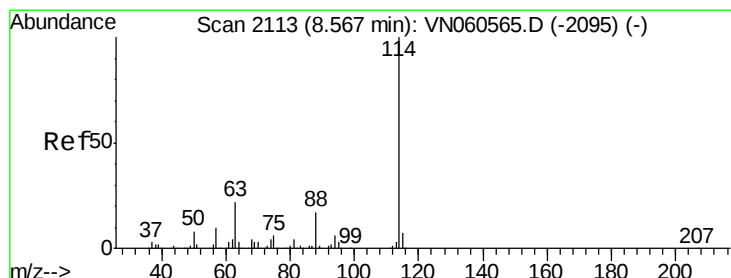
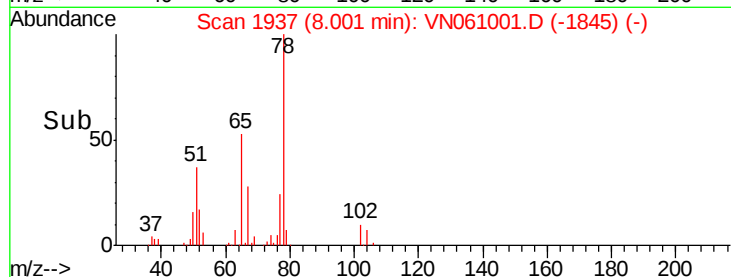
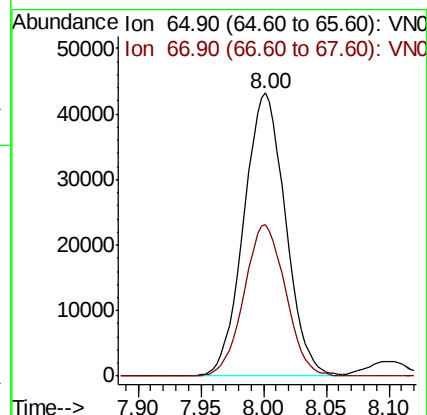
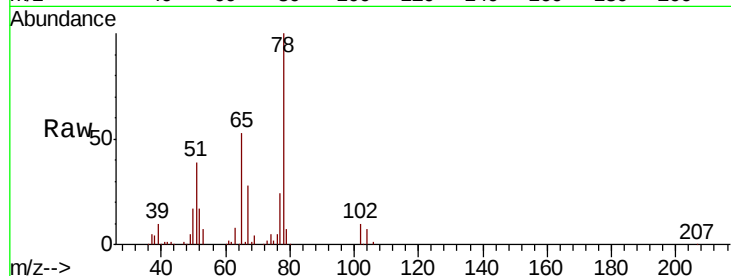
ClientSampleId :

Tot Ion: 65 Resp: 100045

Ion Ratio Lower Upper

65 100

67 53.3 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: VN061001.D

Acq: 16 Apr 2020 6:36

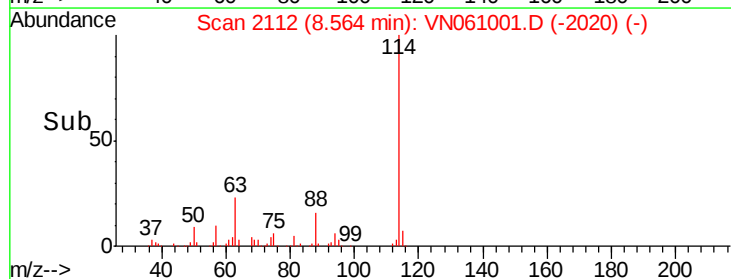
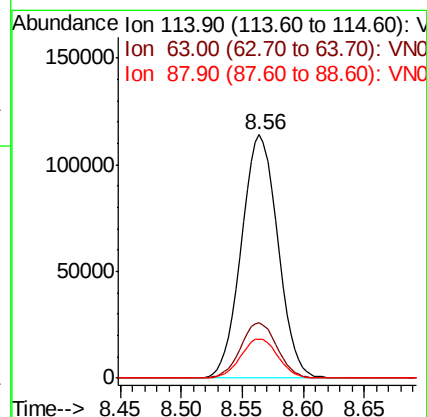
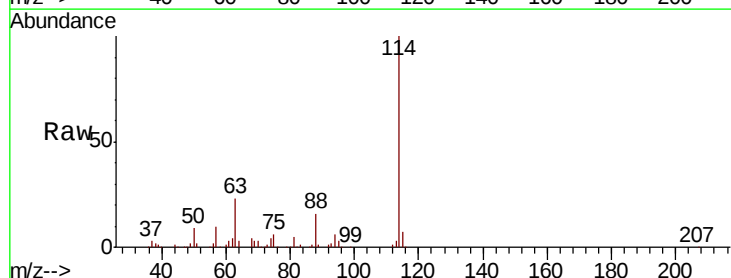
Tgt Ion: 114 Resp: 235790

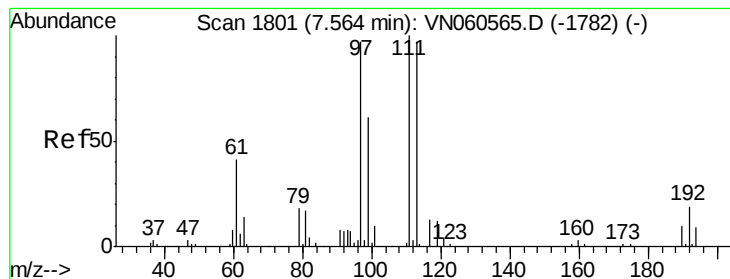
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.176 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

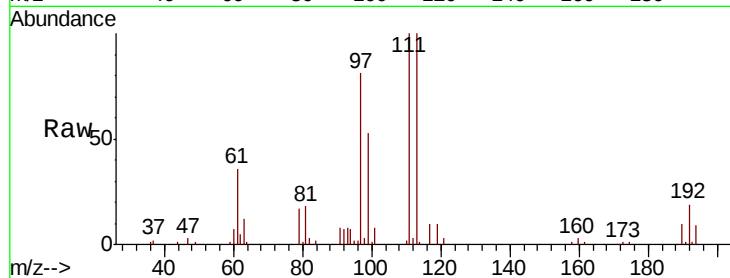
Tot Ion:113 Resp: 75815

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

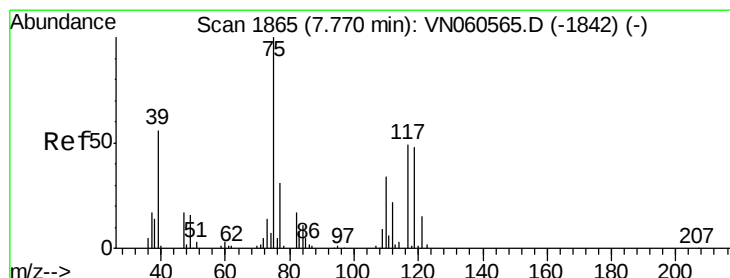
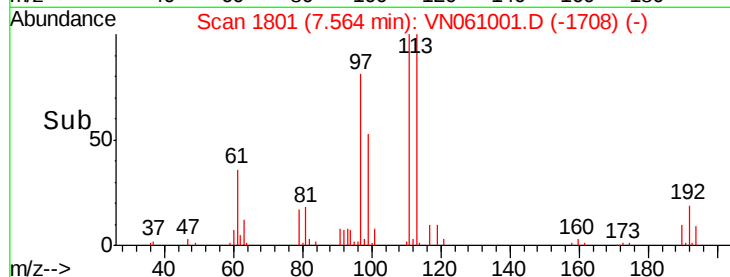
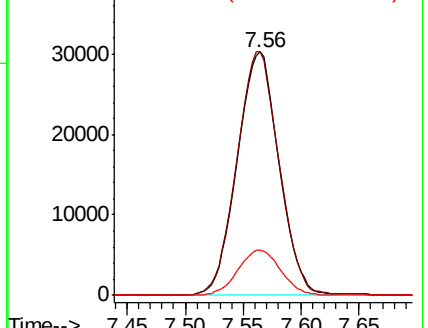
192 18.9 15.8 23.8



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: 46.832 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

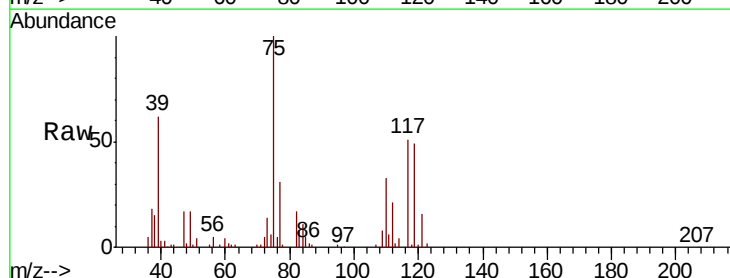
Tgt Ion: 75 Resp: 106925

Ion Ratio Lower Upper

75 100

110 33.1 16.9 50.6

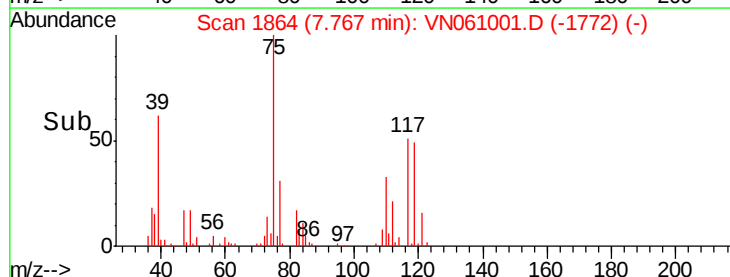
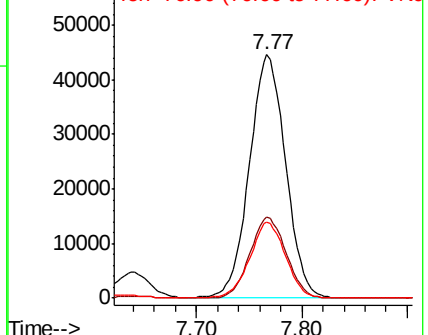
77 30.8 24.6 36.8

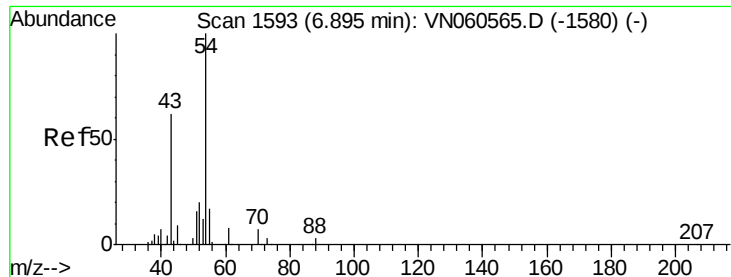


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

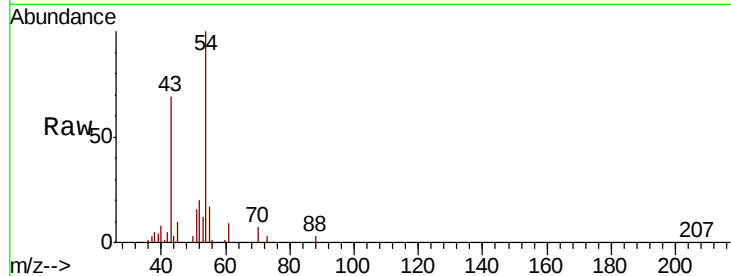




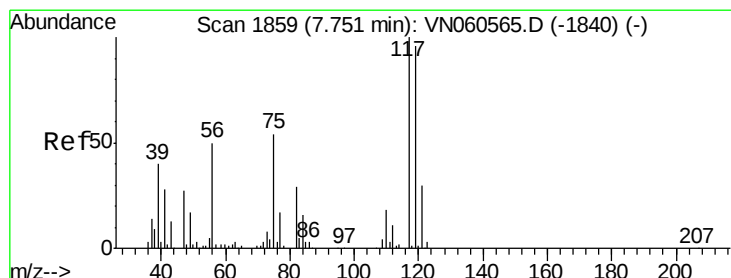
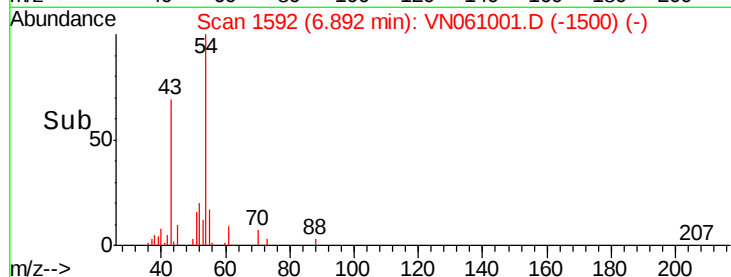
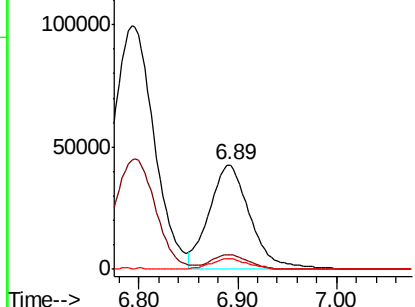
#37
Ethyl Acetate
Concen: 49.268 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 121544
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 9.7 7.9 11.9

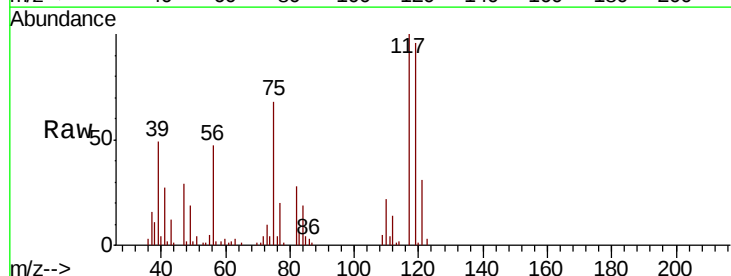


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

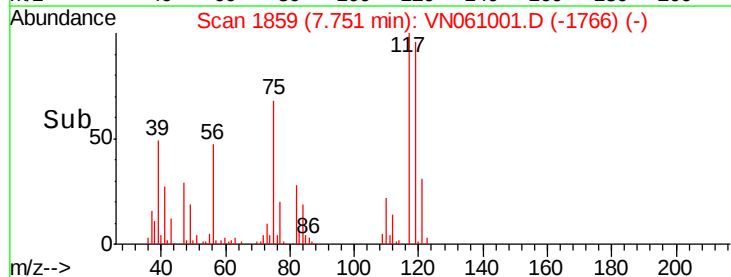
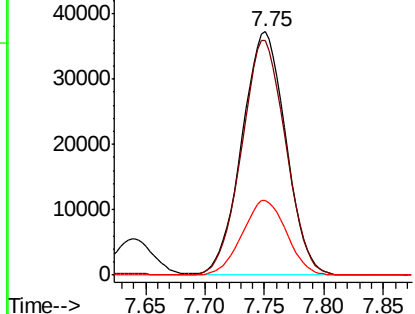


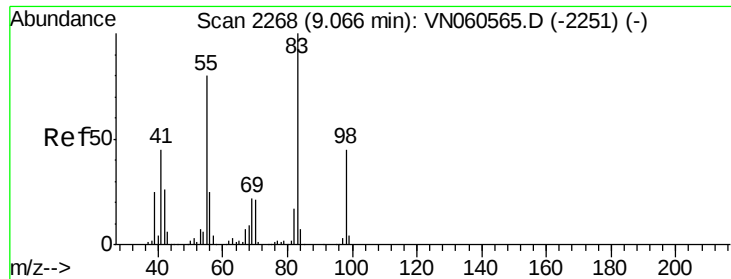
#38
Carbon Tetrachloride
Concen: 46.624 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion: 117 Resp: 95406
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.2
121 30.8 23.7 35.5



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

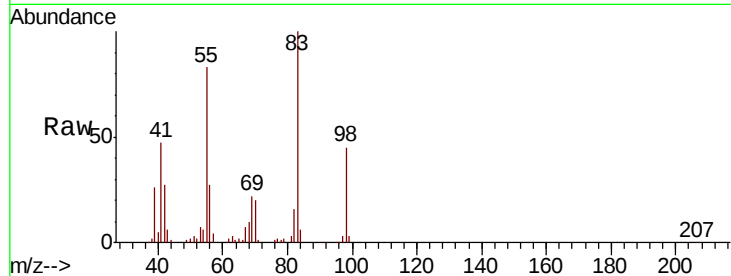




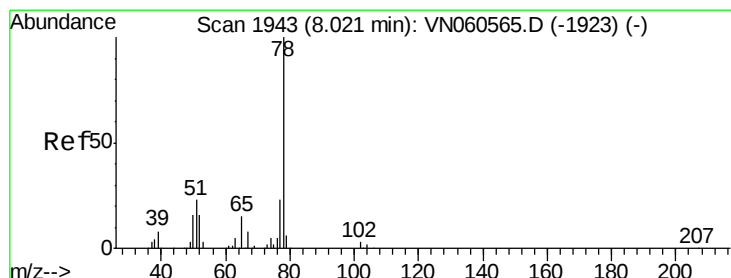
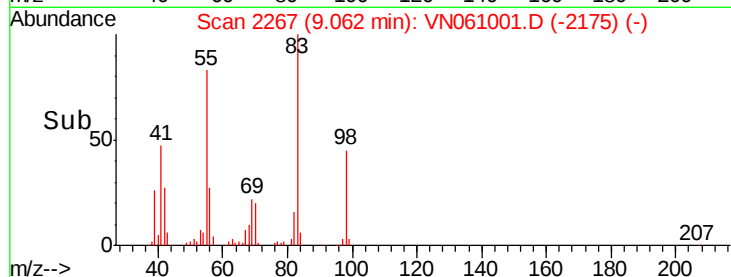
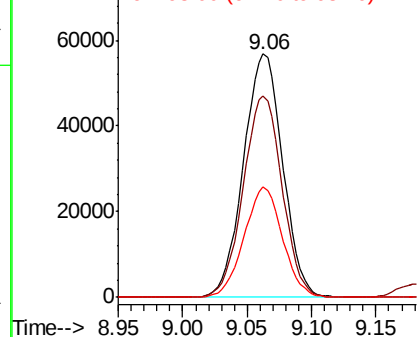
#39
Methvlcvclohexane
Concen: 44.313 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.9	63.6	95.4
98	45.2	36.0	54.0

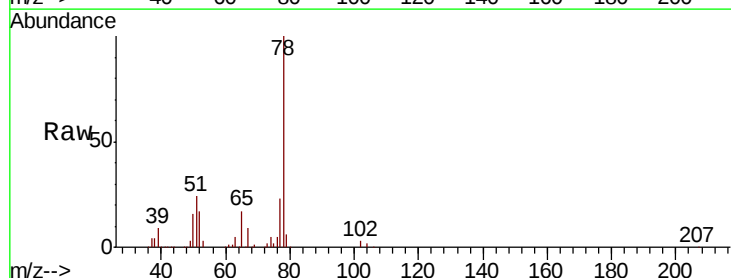


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

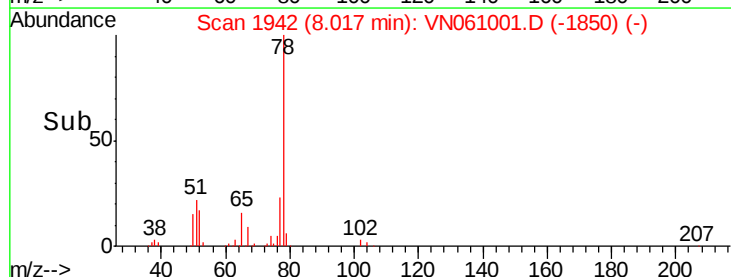
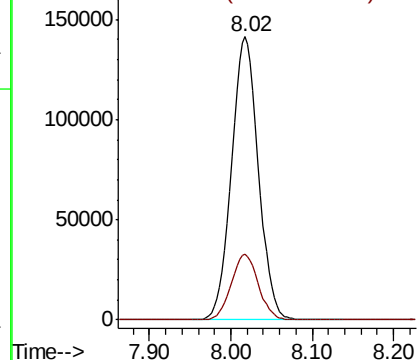


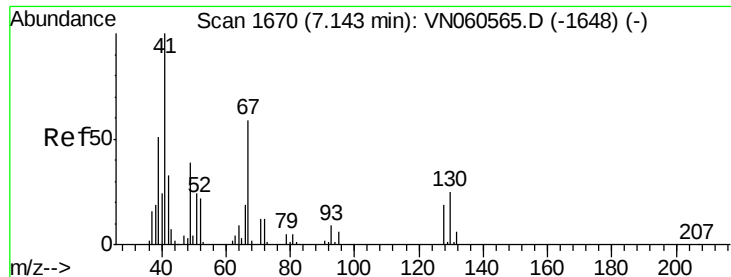
#40
Benzene
Concen: 47.311 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

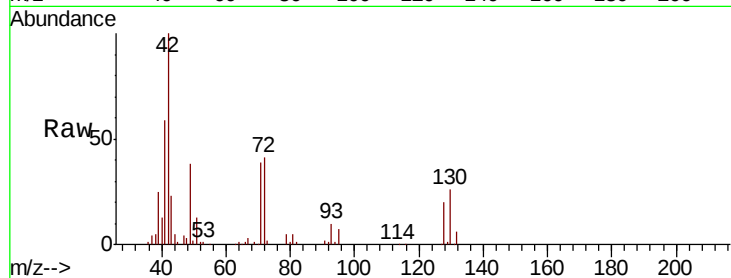




#41
Methacrylonitrile
Concen: 166.940 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	175764
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



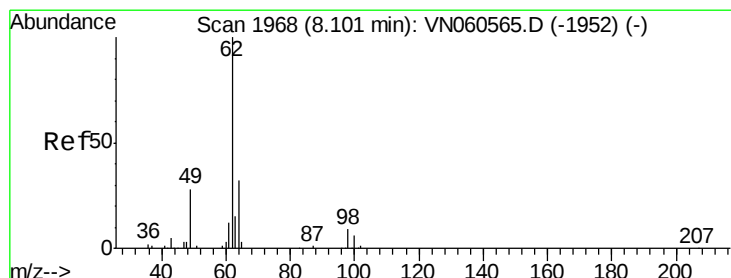
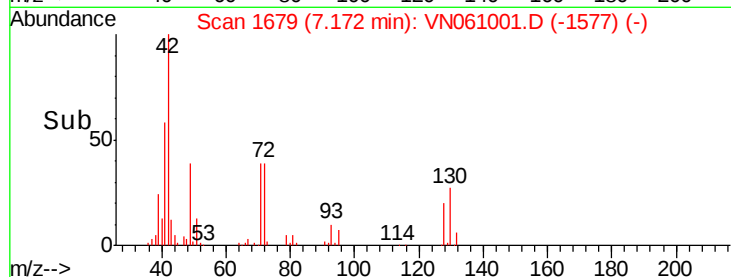
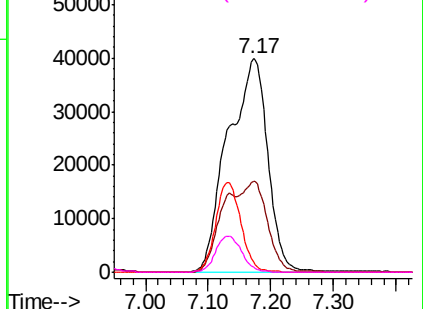
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

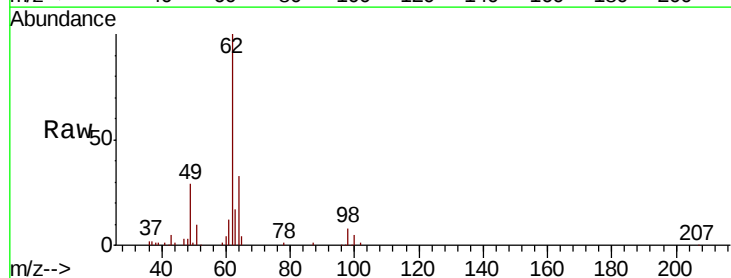
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 49.562 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

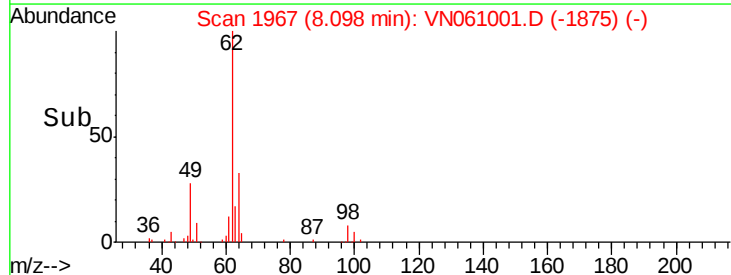
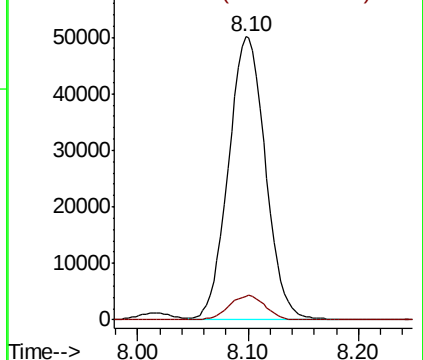
Tgt Ion:	62	Resp:	116742
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8

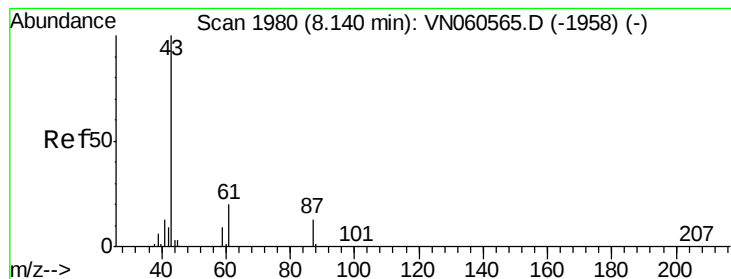


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 50.825 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

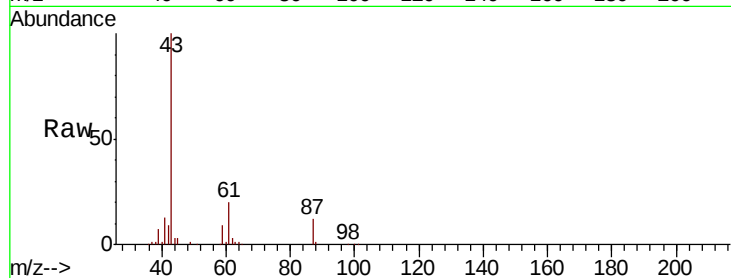
Tot Ion: 43 Resp: 206788

Ion Ratio Lower Upper

43 100

61 25.8 20.7 31.1

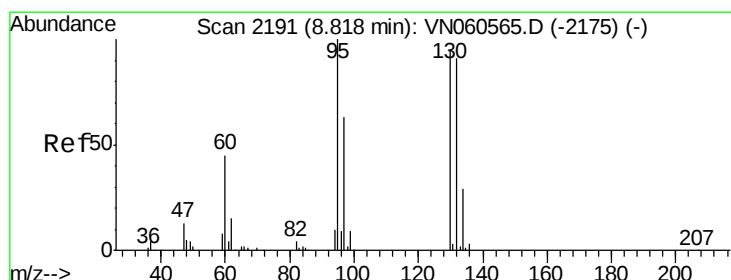
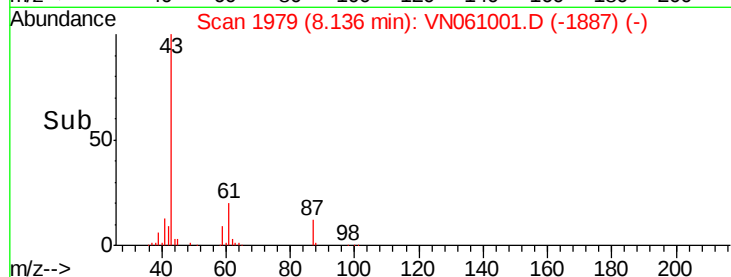
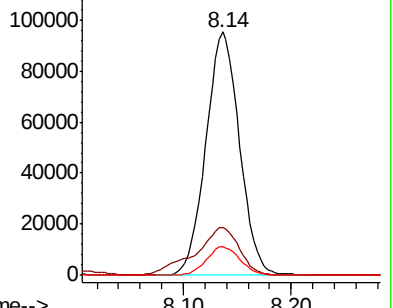
87 11.8 9.8 14.8



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

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

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



#44

Trichloroethene

Concen: 46.057 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN061001.D

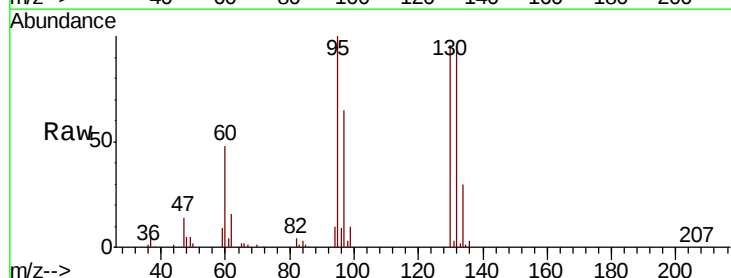
Acq: 16 Apr 2020 6:36

Tgt Ion:130 Resp: 80024

Ion Ratio Lower Upper

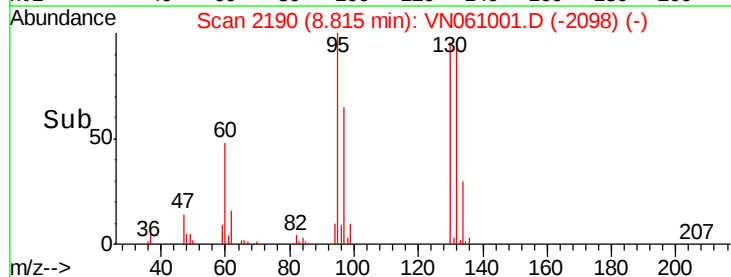
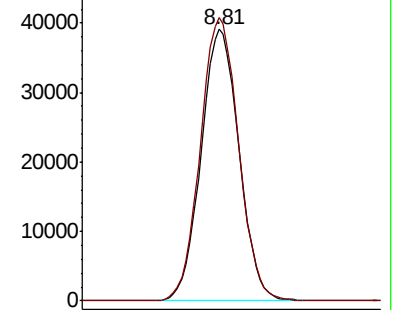
130 100

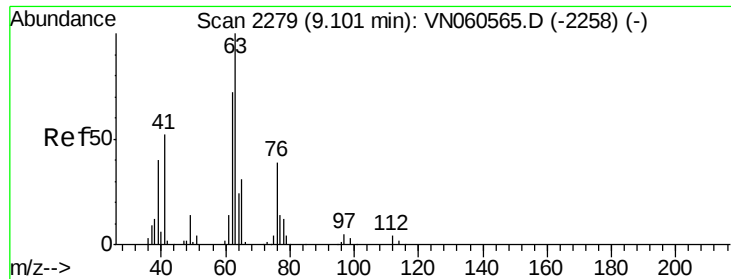
95 104.3 0.0 211.2



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

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

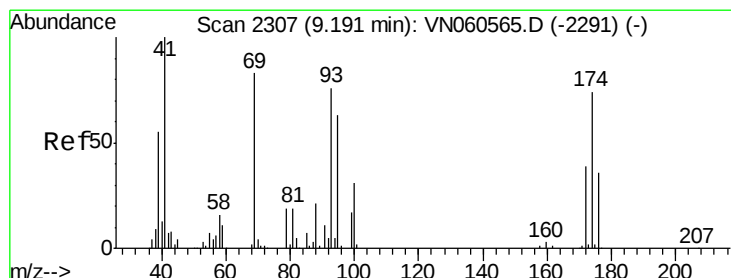
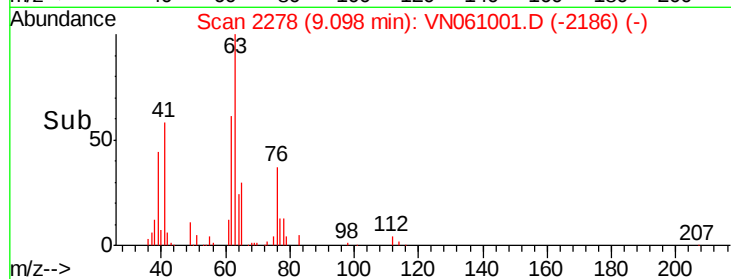
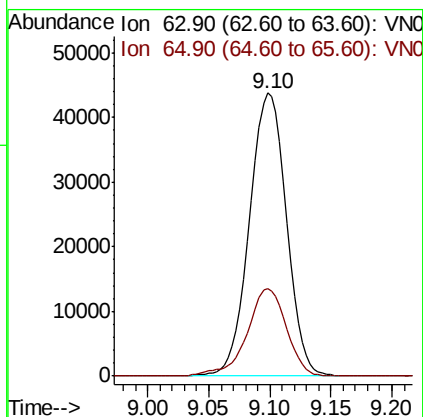
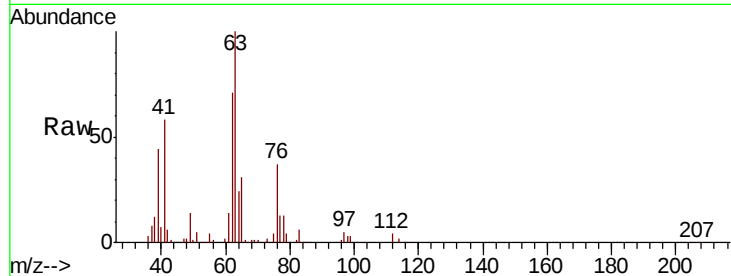




#45
 1,2-Dichloropropane
 Concen: 50.454 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

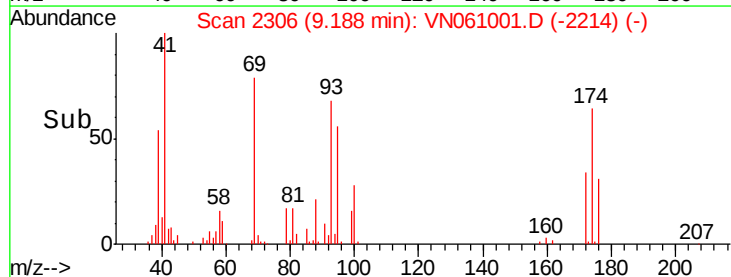
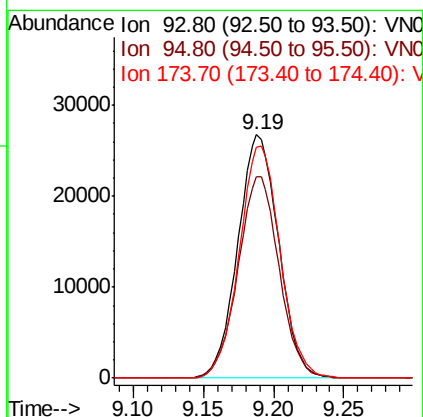
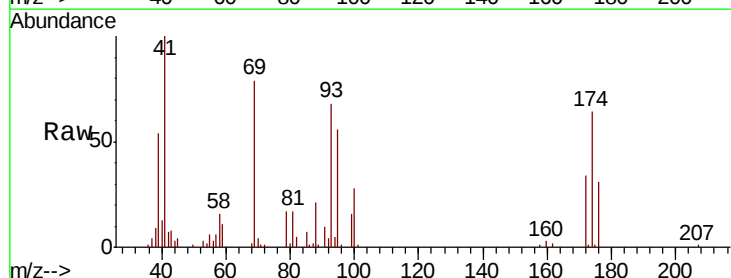
Instrument :
 MSVOA_N
 ClientSampleId :

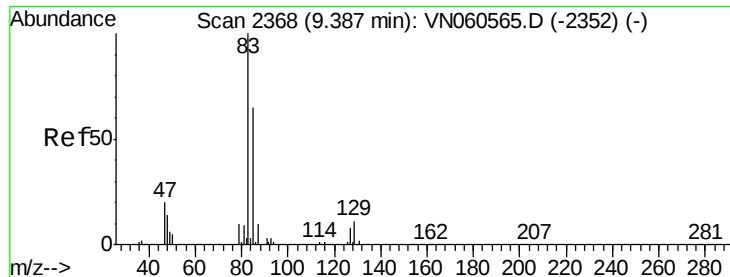
Tot Ion: 63 Resp: 91760
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.4 38.0



#46
 Dibromomethane
 Concen: 49.280 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Tgt Ion: 93 Resp: 54183
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.4
 174 95.4 77.9 116.9





#47

Bromodichloromethane

Concen: 50.365 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

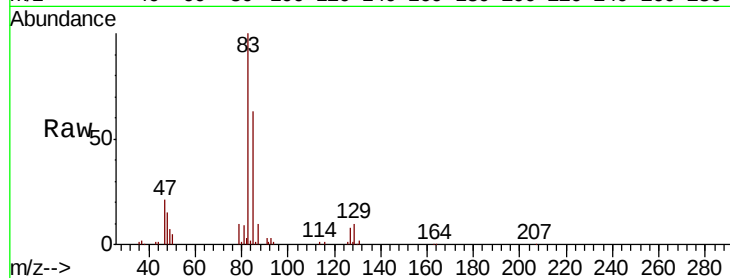
Tot Ion: 83 Resp: 115072

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.6

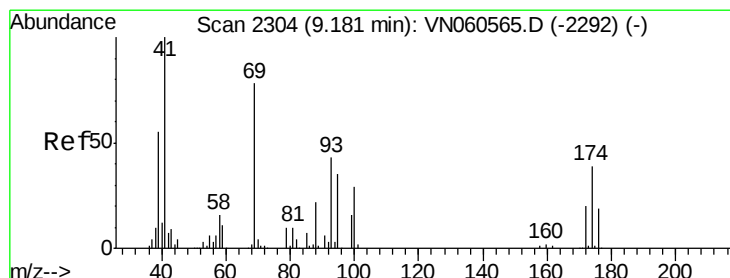
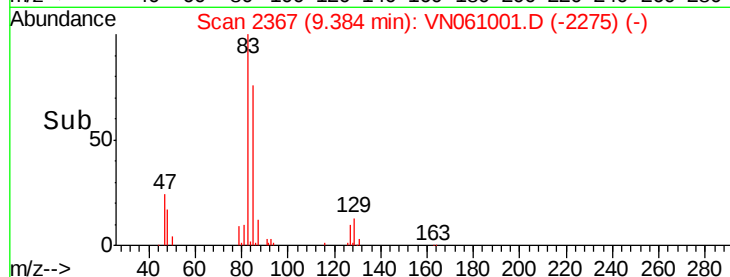
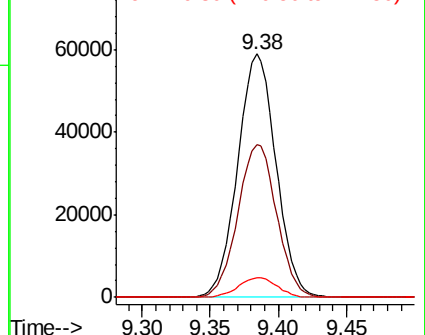
127 8.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN061001.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN061001.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN061001.D (-2275) (-)



#48

Methyl methacrylate

Concen: 51.100 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

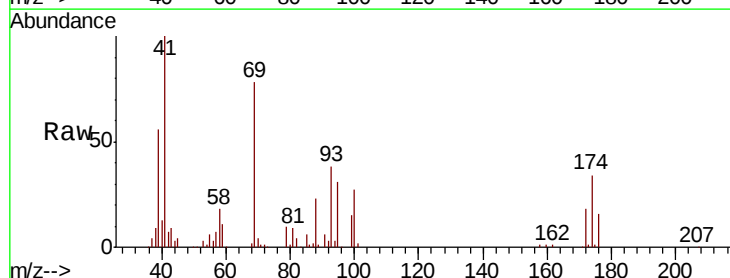
Tgt Ion: 41 Resp: 92566

Ion Ratio Lower Upper

41 100

69 80.7 65.4 98.0

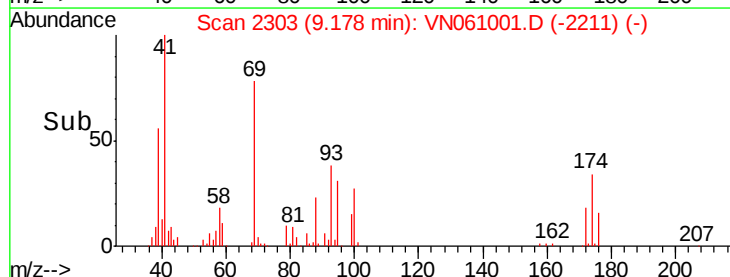
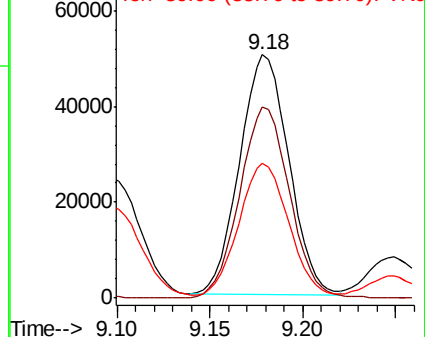
39 57.8 44.0 66.0

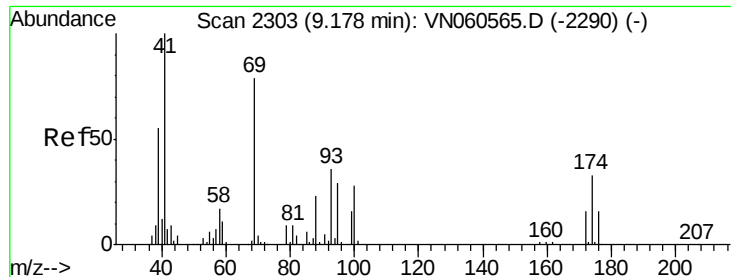


Abundance Ion 41.00 (40.70 to 41.70): VN061001.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN061001.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN061001.D (-2211) (-)

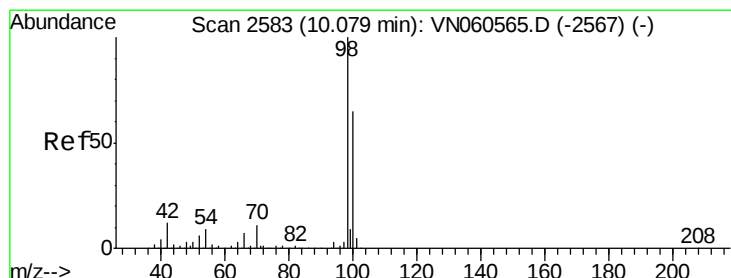
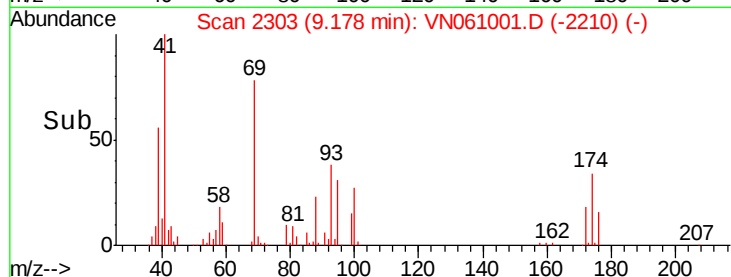
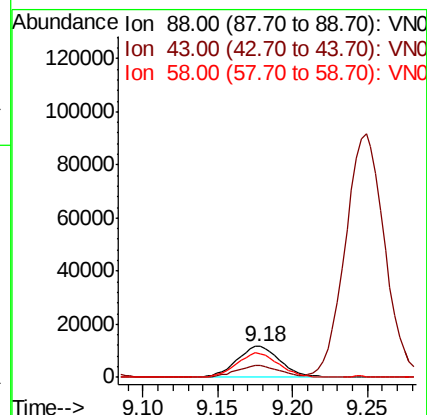
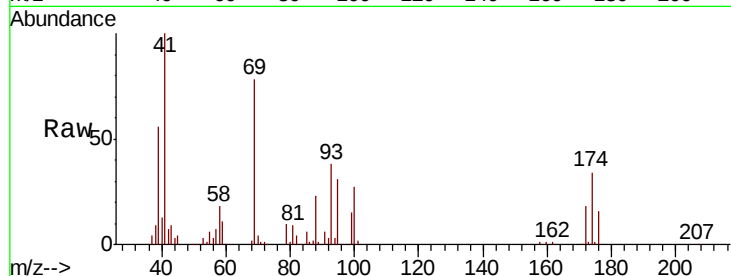




#49
1,4-Dioxane
Concen: 1093.665 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

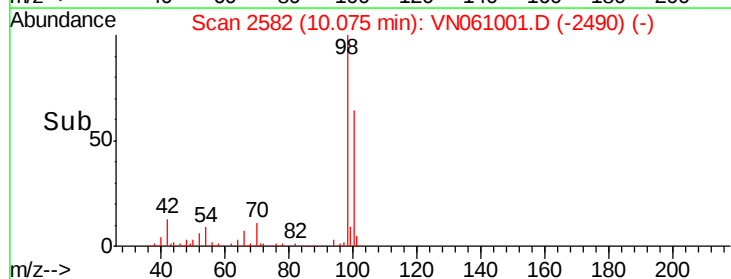
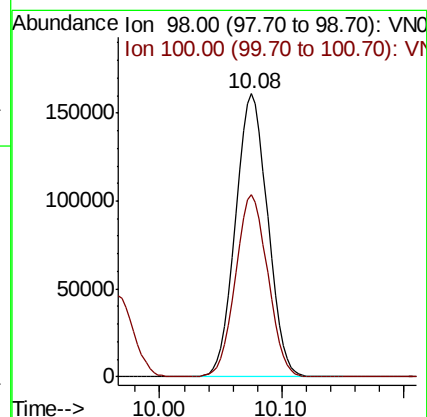
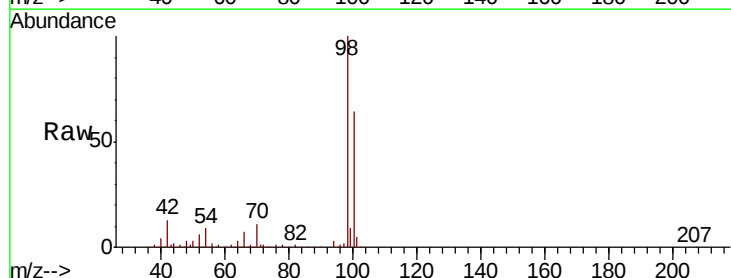
Instrument :
MSVOA_N
ClientSampled :

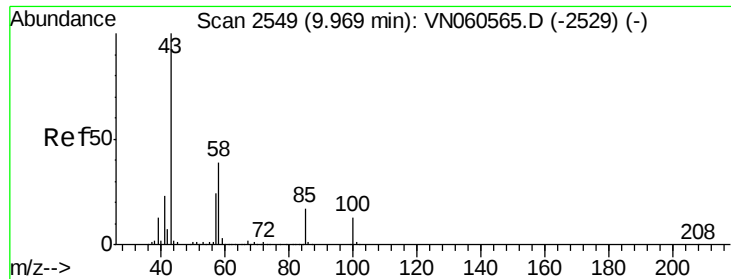
Tot Ion: 88 Resp: 23548
Ion Ratio Lower Upper
88 100
43 39.0 30.8 46.2
58 77.0 59.8 89.8



#50
Toluene-d8
Concen: 50.700 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion: 98 Resp: 295256
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

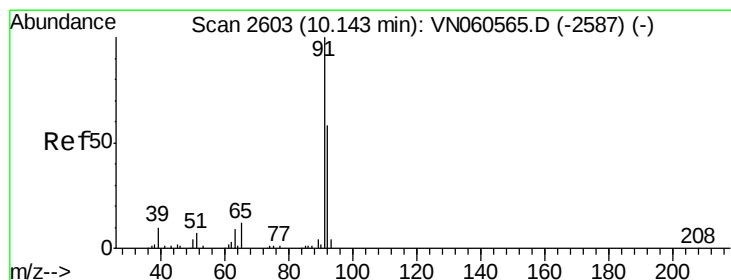
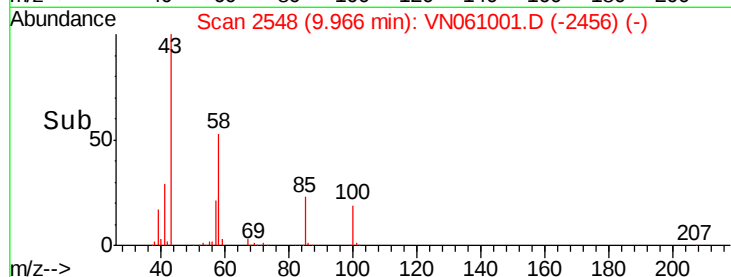
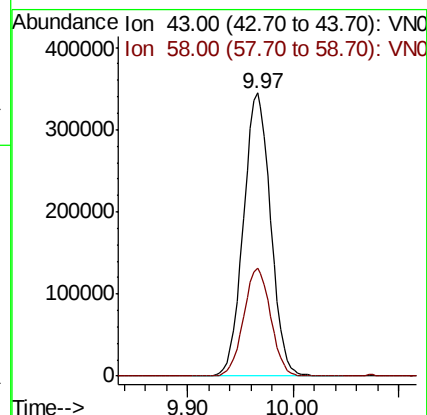
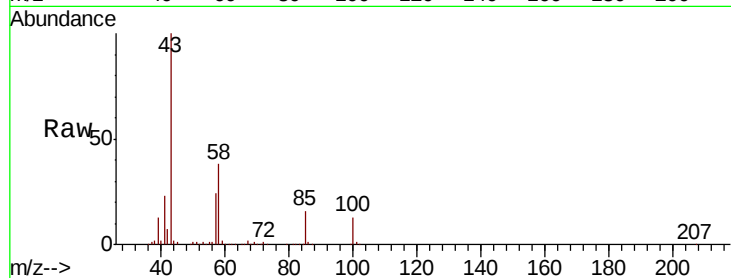




#51
 4-Methyl-2-Pentanone
 Concen: 265.702 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

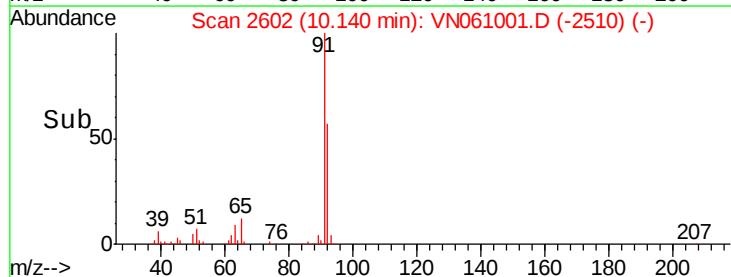
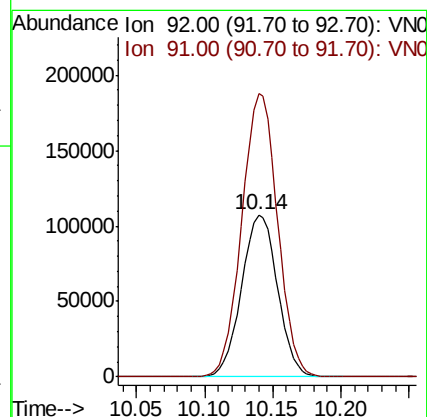
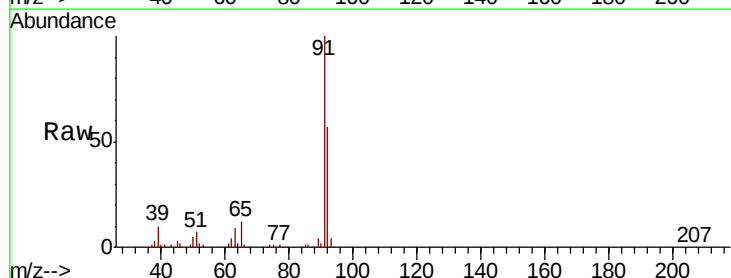
Instrument :
 MSVOA_N
 ClientSampled :

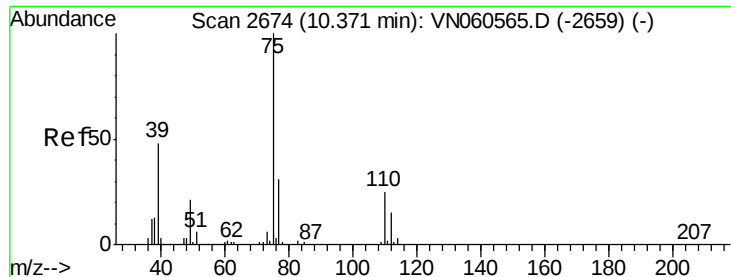
Tot Ion: 43 Resp: 615156
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.8 46.2



#52
 Toluene
 Concen: 47.293 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Tgt Ion: 92 Resp: 196859
 Ion Ratio Lower Upper
 92 100
 91 173.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 48.769 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

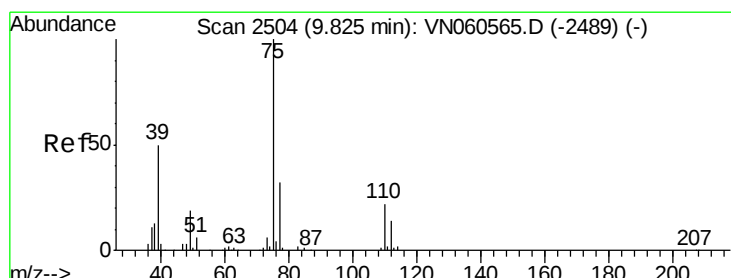
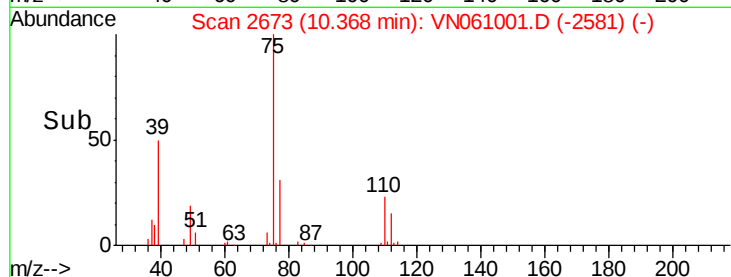
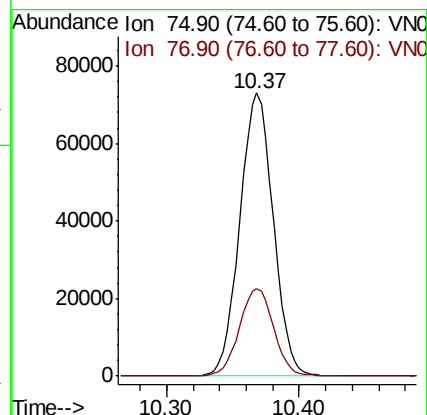
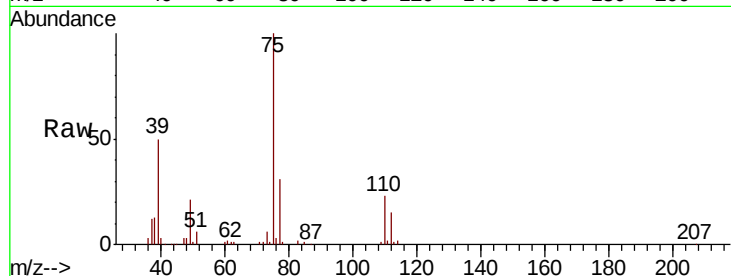
ClientSampled :

Tot Ion: 75 Resp: 127992

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 47.222 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

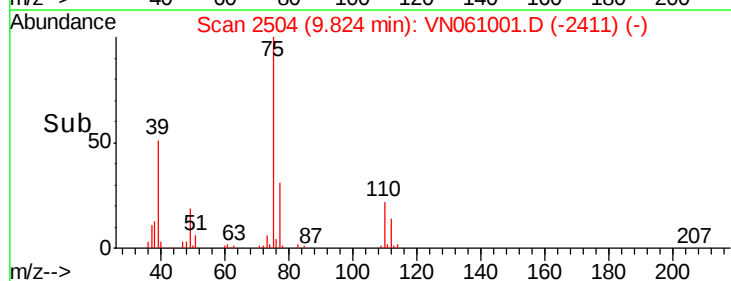
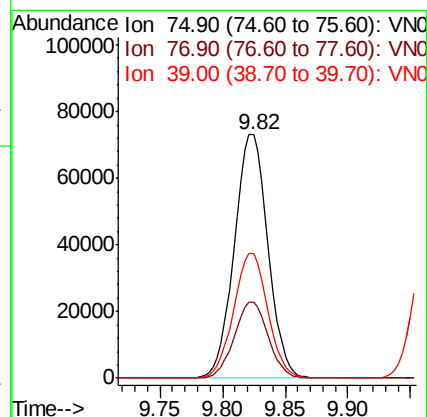
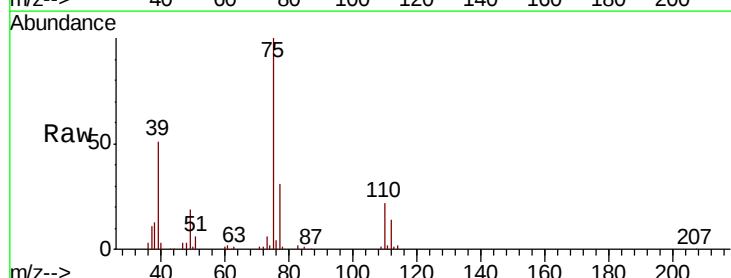
Tgt Ion: 75 Resp: 135961

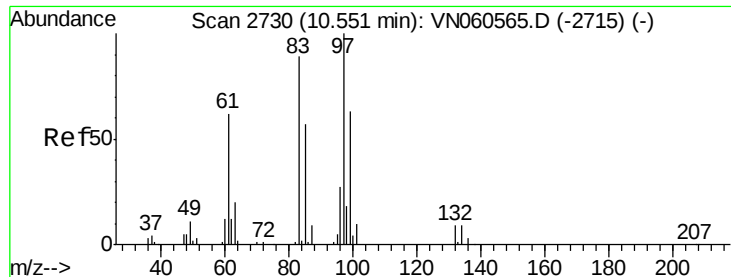
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 50.9 40.2 60.4

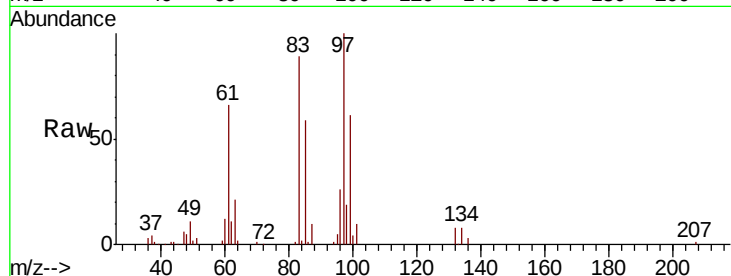




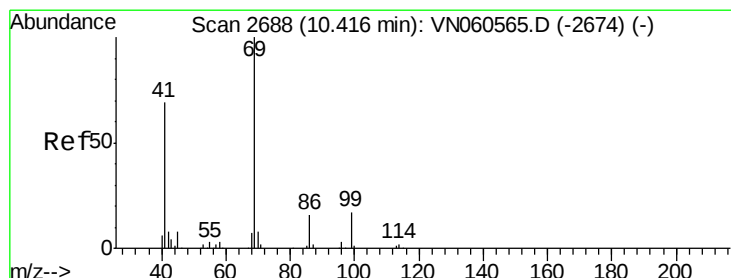
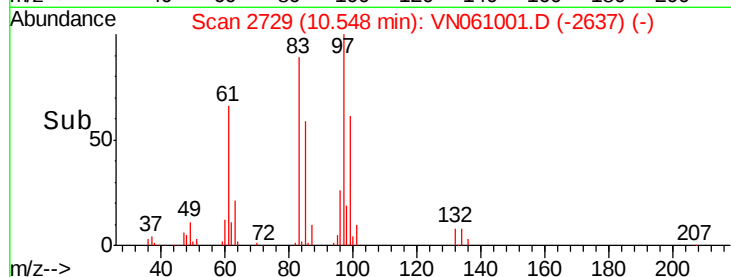
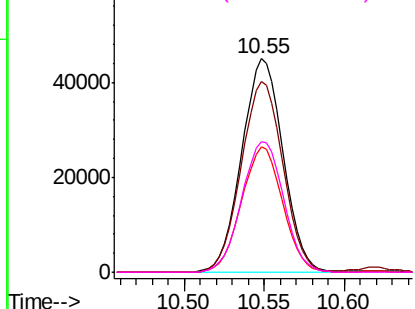
#55
 1,1,2-Trichloroethane
 Concen: 49.803 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 79754
 Ion Ratio Lower Upper
 97 100
 83 89.4 71.3 106.9
 85 58.6 45.2 67.8
 99 61.4 50.1 75.1

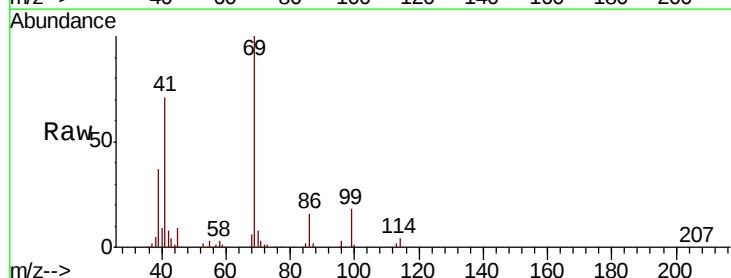


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

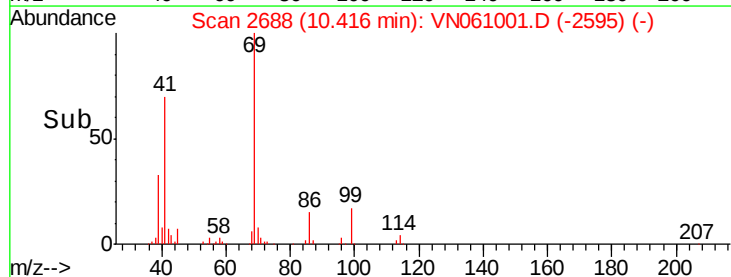
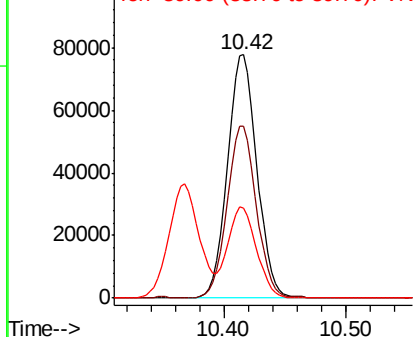


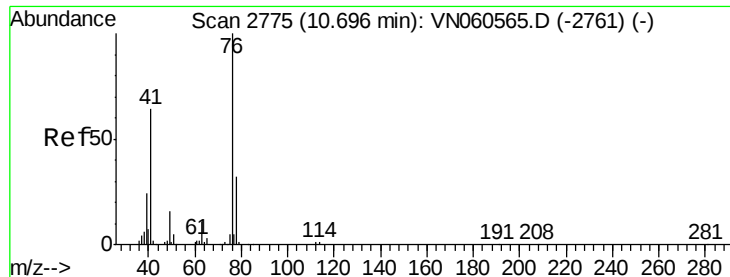
#56
 Ethyl methacrylate
 Concen: 52.443 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Tgt Ion: 69 Resp: 130947
 Ion Ratio Lower Upper
 69 100
 41 70.9 55.4 83.2
 39 36.7 29.4 44.0



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





#57

1,3-Dichloropropane

Concen: 50.617 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

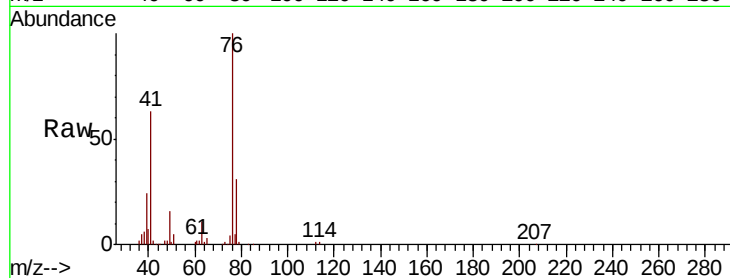
ClientSampled :

Tot Ion: 76 Resp: 140658

Ion Ratio Lower Upper

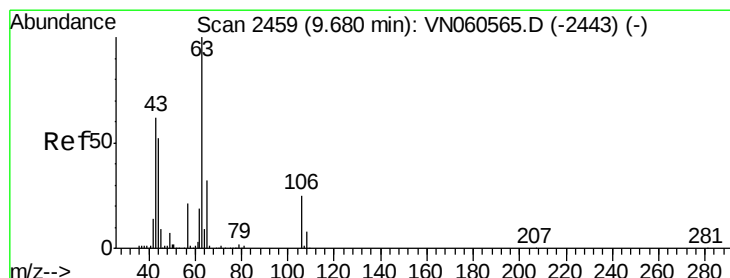
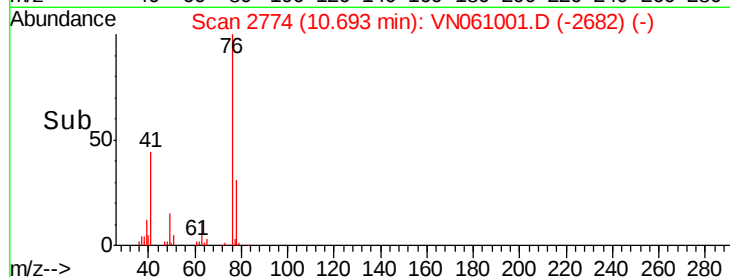
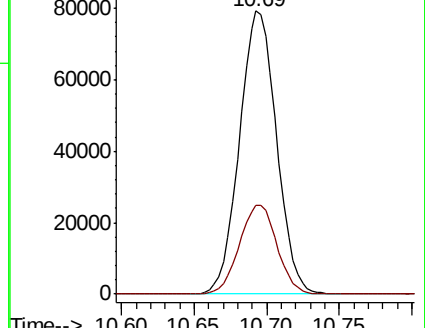
76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN061001.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN061001.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 250.424 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN061001.D

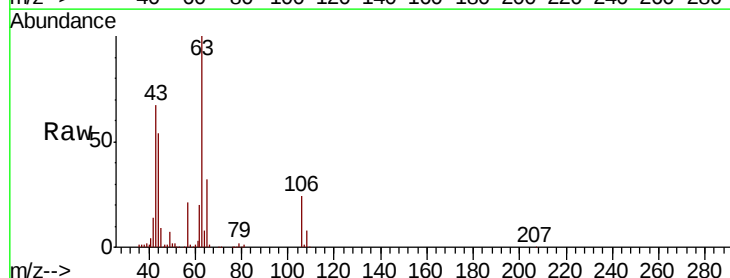
Acq: 16 Apr 2020 6:36

Tgt Ion: 63 Resp: 310775

Ion Ratio Lower Upper

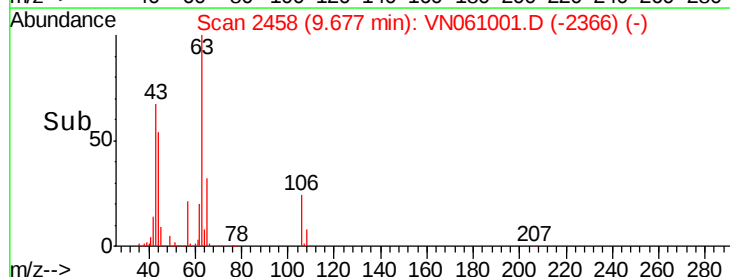
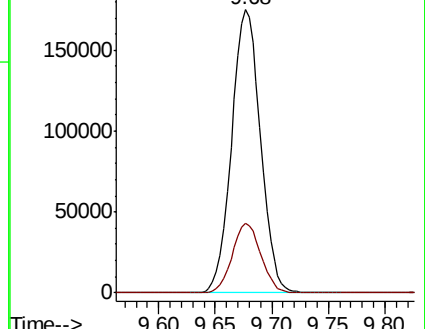
63 100

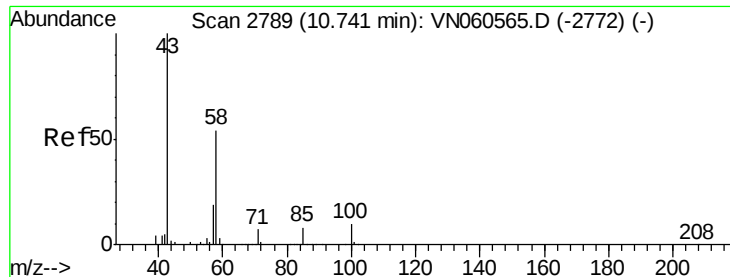
106 24.3 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN061001.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN061001.D (-2366) (-)

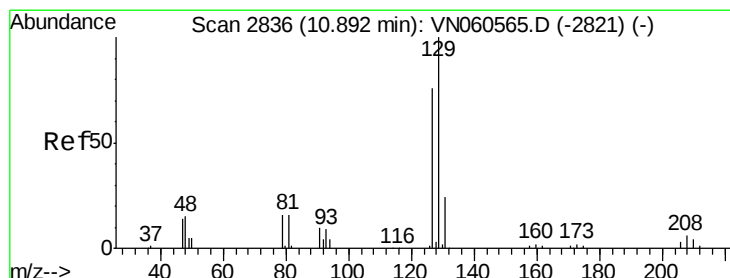
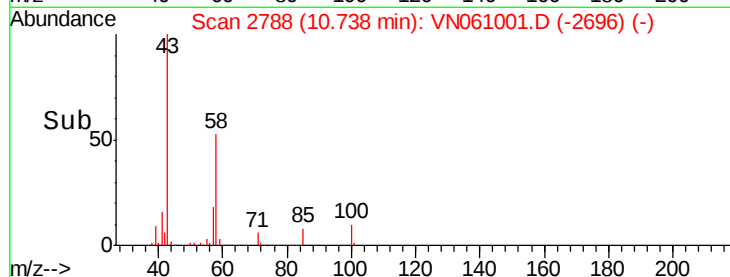
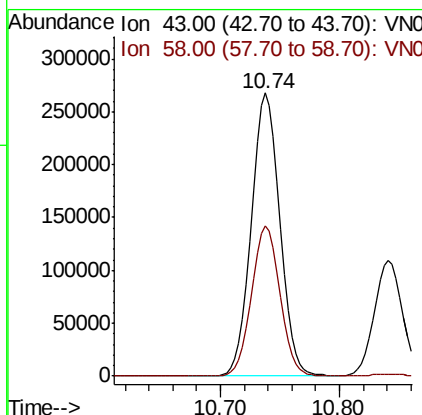
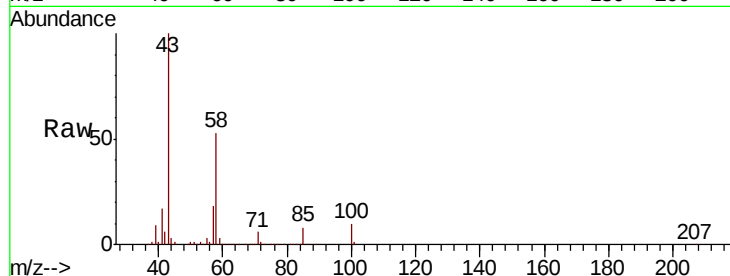




#59
2-Hexanone
Concen: 265.946 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

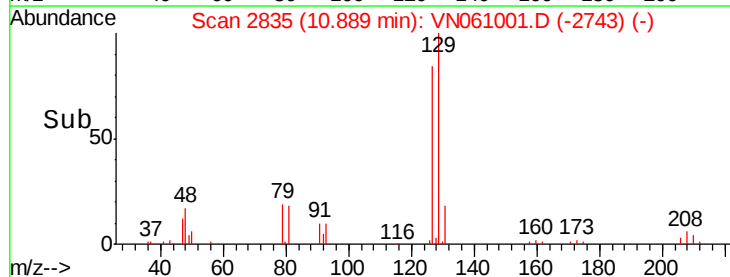
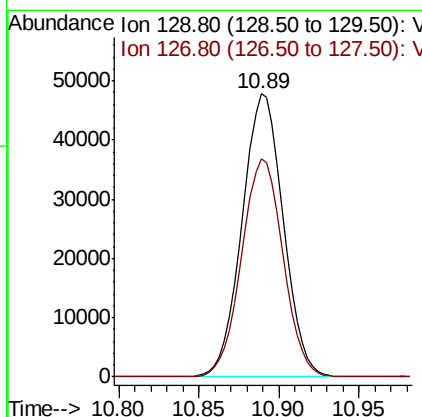
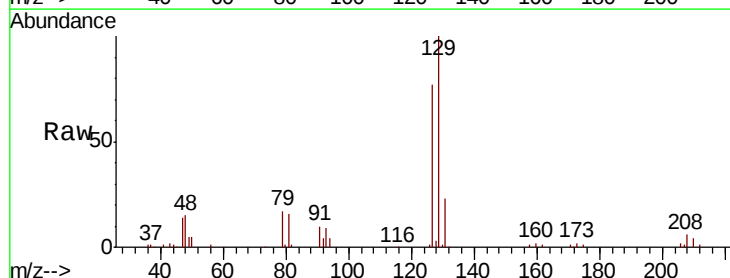
Instrument :
MSVOA_N
ClientSampleId :

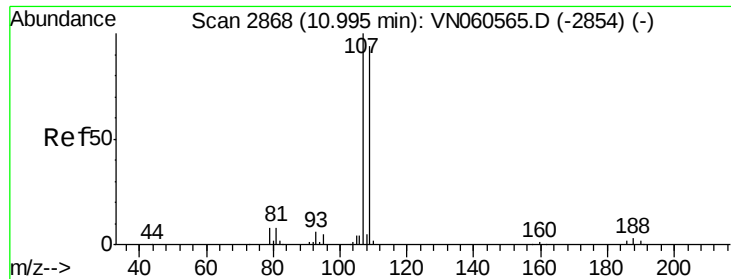
Tot Ion: 43 Resp: 443537
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1



#60
Dibromochloromethane
Concen: 50.826 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion: 129 Resp: 84073
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

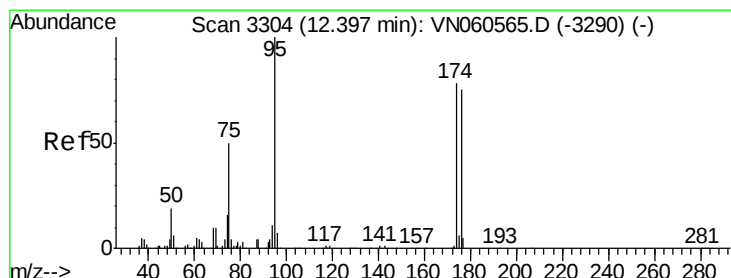
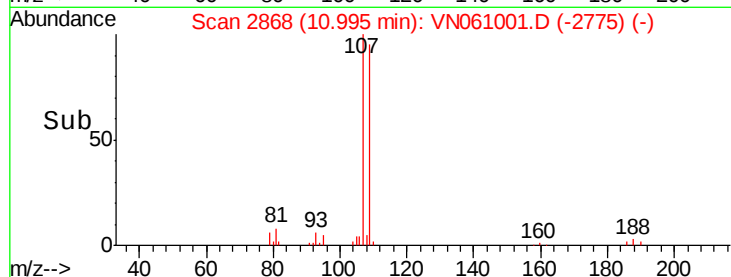
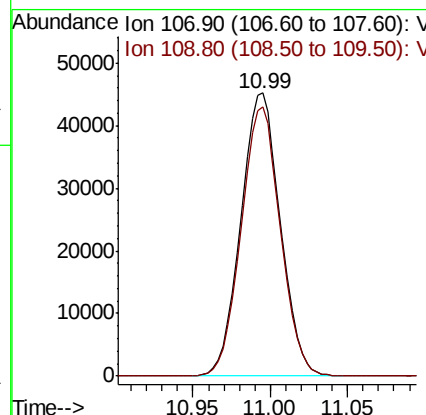
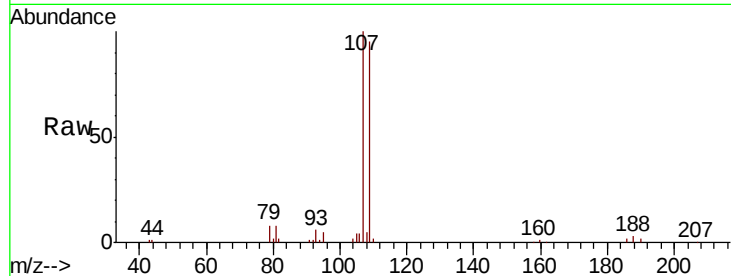




#61
 1,2-Dibromoethane
 Concen: 49.672 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

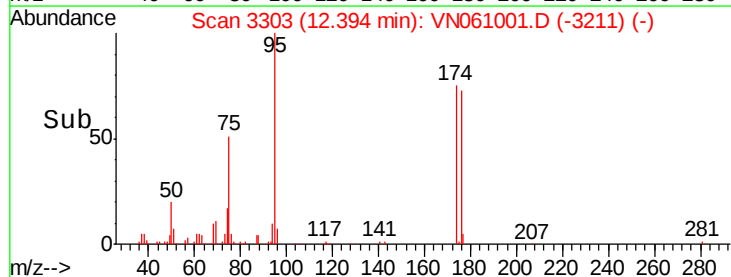
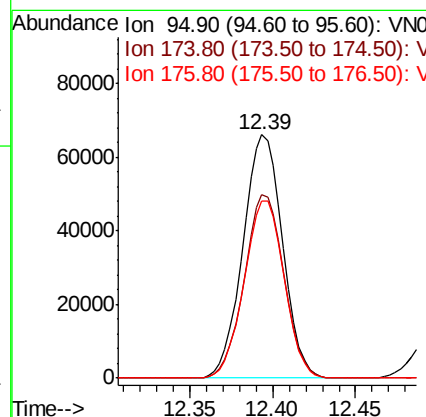
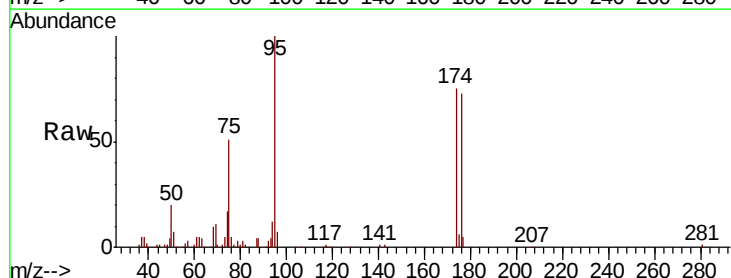
Instrument :
 MSVOA_N
 ClientSampled :

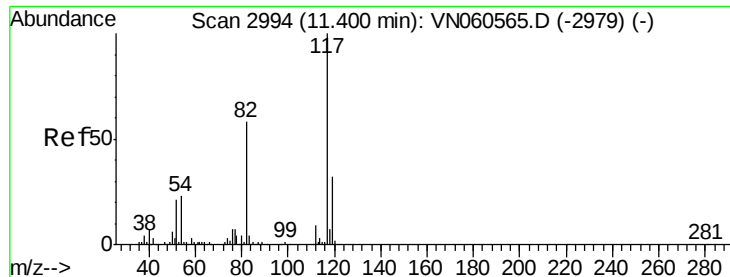
Tot Ion:107 Resp: 79986
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.373 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Tgt Ion: 95 Resp: 109644
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 157.6
 176 73.9 0.0 150.6

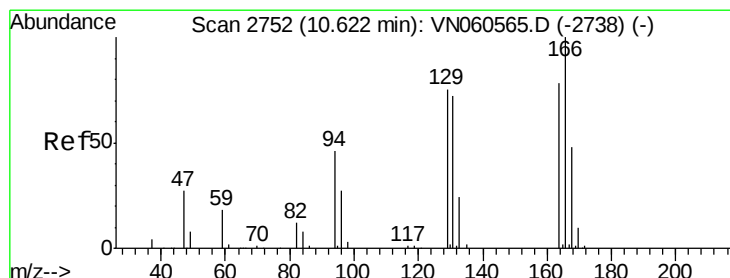
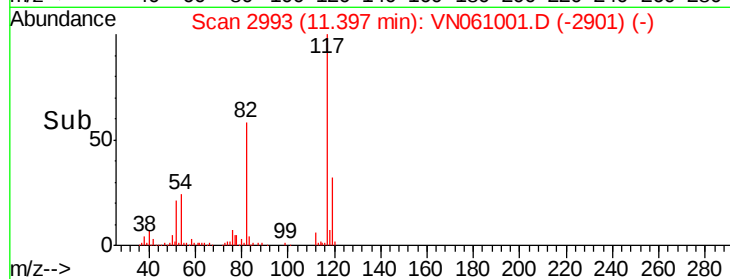
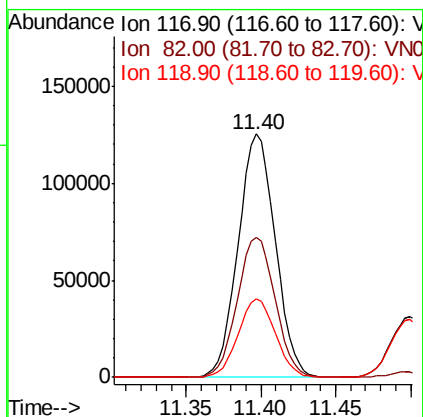
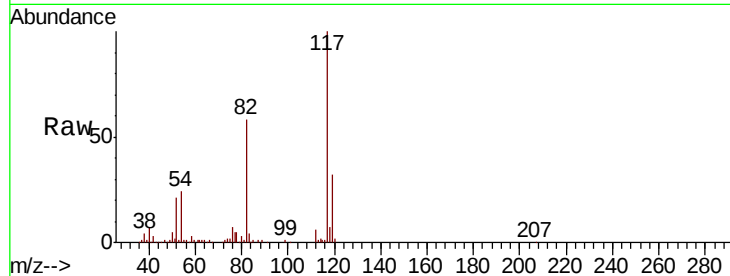




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

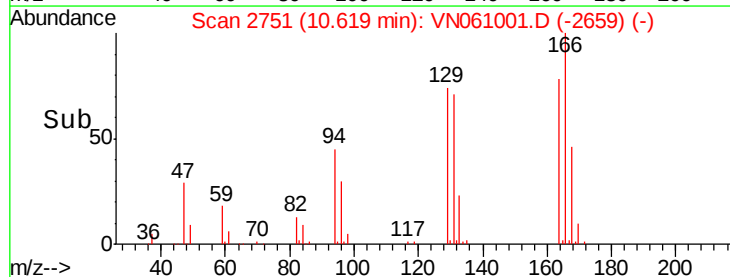
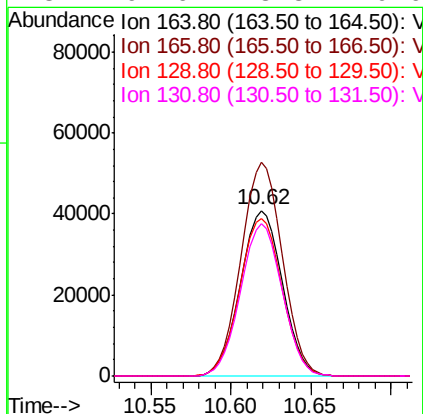
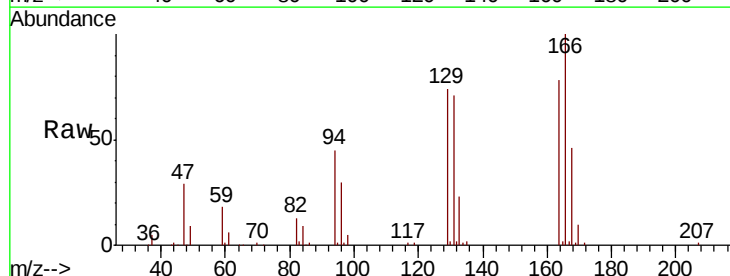
Instrument :
MSVOA_N
ClientSampleId :

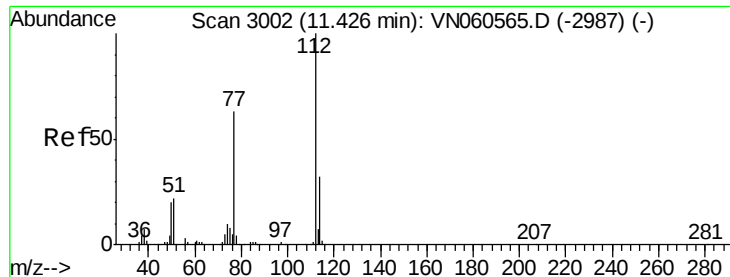
Tot Ion:117 Resp: 217567
Ion Ratio Lower Upper
117 100
82 57.7 46.7 70.1
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 42.723 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion:164 Resp: 73144
Ion Ratio Lower Upper
164 100
166 129.0 102.7 154.1
129 95.4 77.2 115.8
131 91.6 73.8 110.6

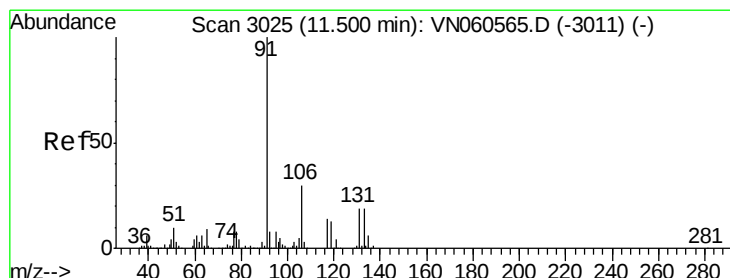
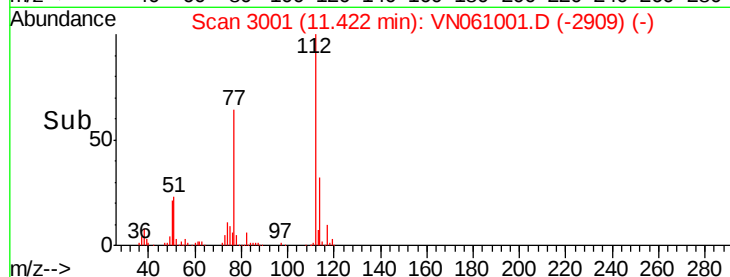
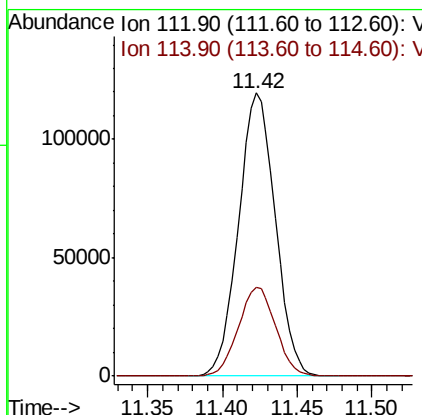
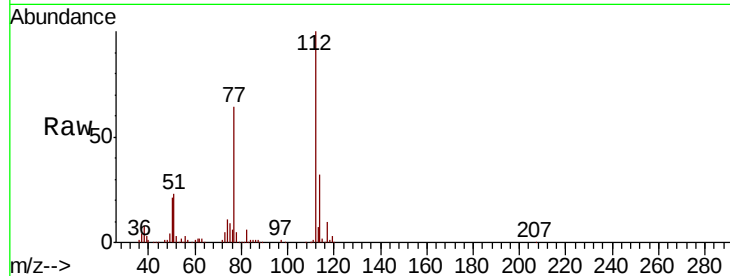




#65
Chlorobenzene
Concen: 47.413 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

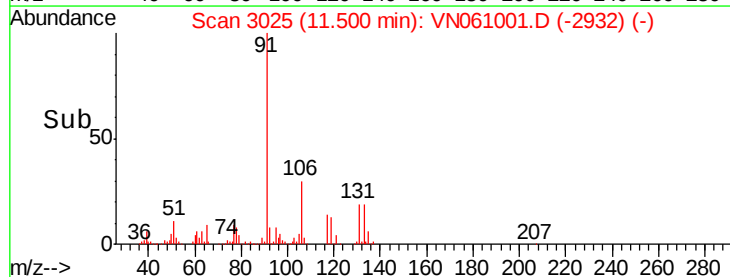
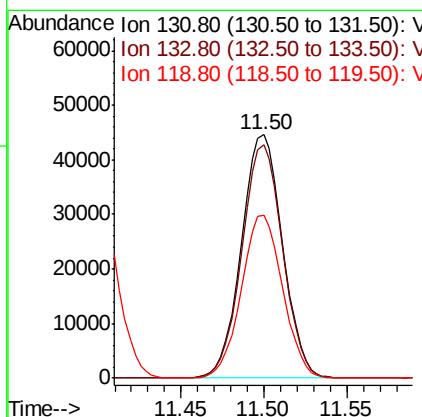
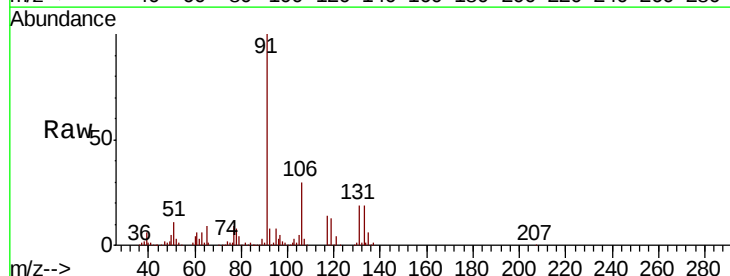
Instrument :
MSVOA_N
ClientSampled :

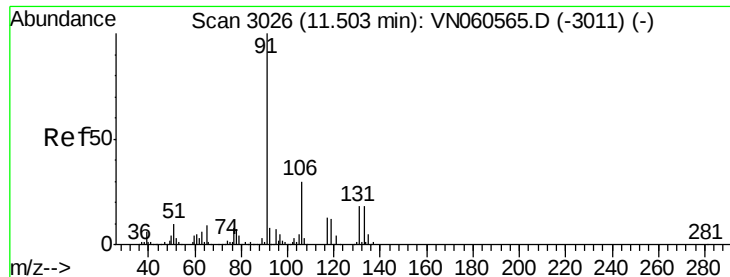
Tot Ion:112 Resp: 204496
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.192 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion:131 Resp: 76819
Ion Ratio Lower Upper
131 100
133 95.4 48.9 146.8
119 67.1 33.9 101.7





#67

Ethyl Benzene

Concen: 48.000 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

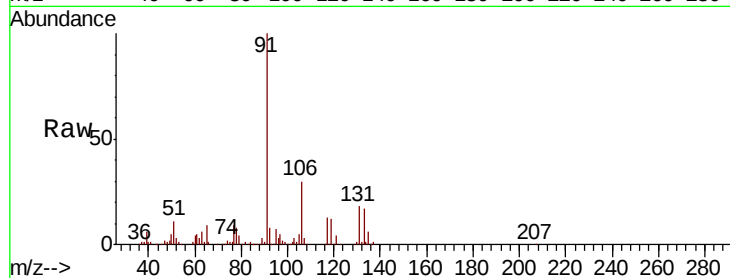
ClientSampleId :

Tot Ion: 91 Resp: 384998

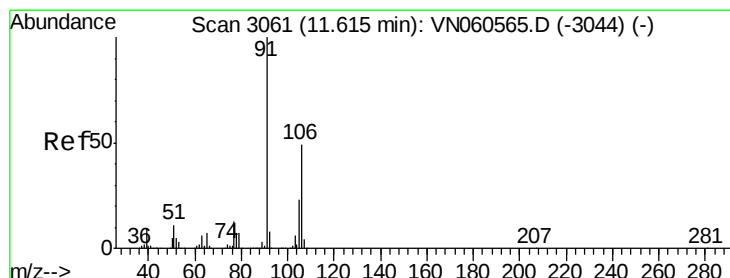
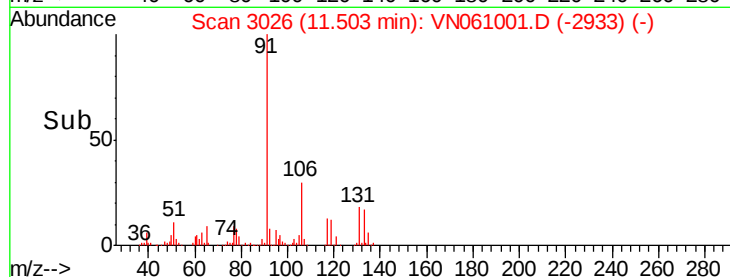
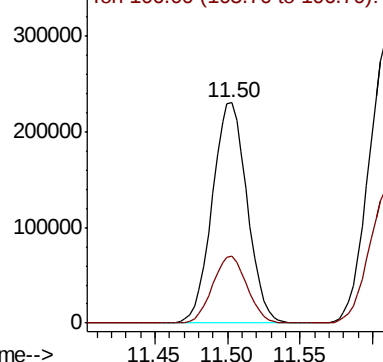
Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.2



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



#68

m/p-Xylenes

Concen: 93.157 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN061001.D

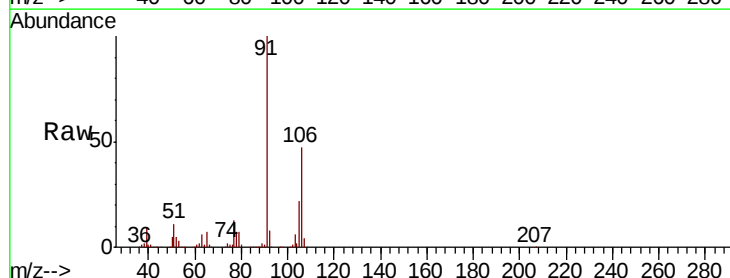
Acq: 16 Apr 2020 6:36

Tgt Ion: 106 Resp: 277661

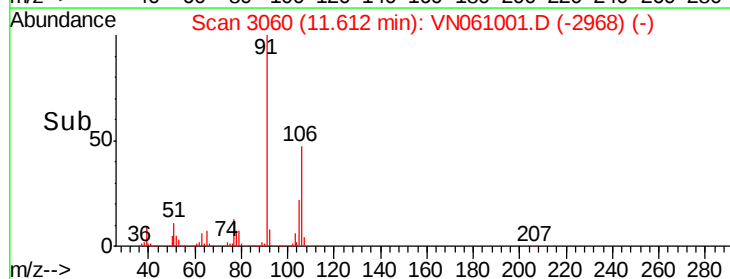
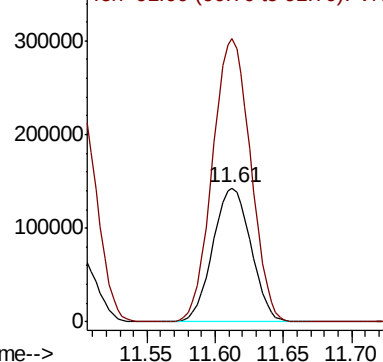
Ion Ratio Lower Upper

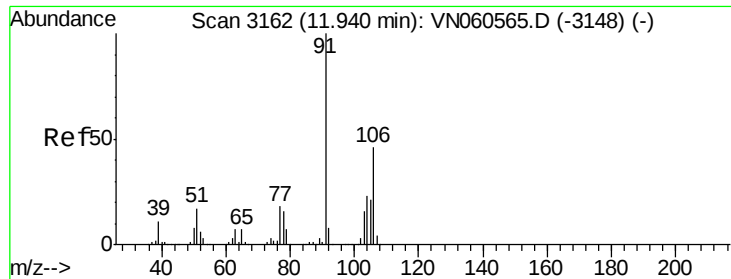
106 100

91 210.7 165.0 247.4



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

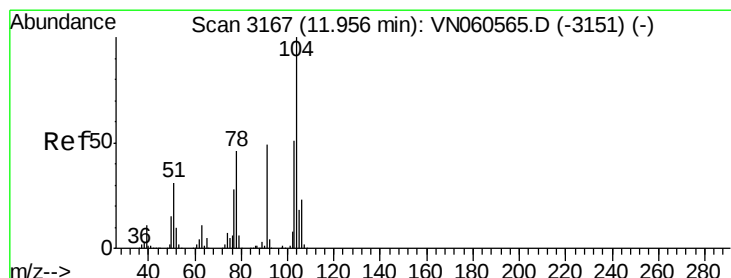
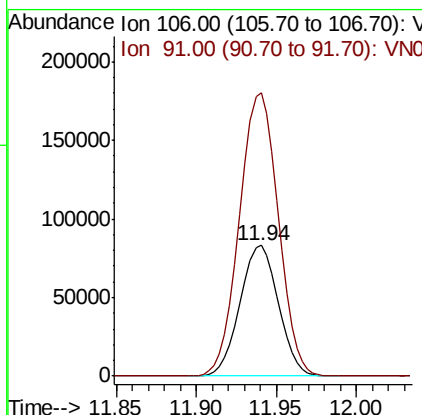
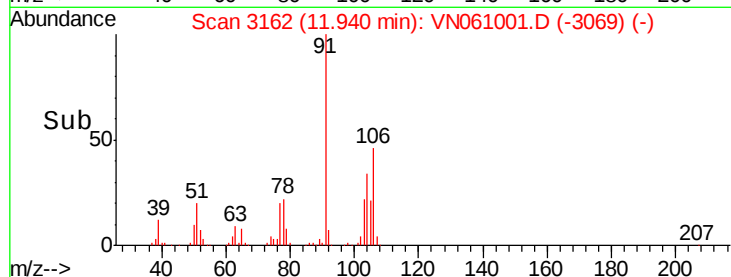
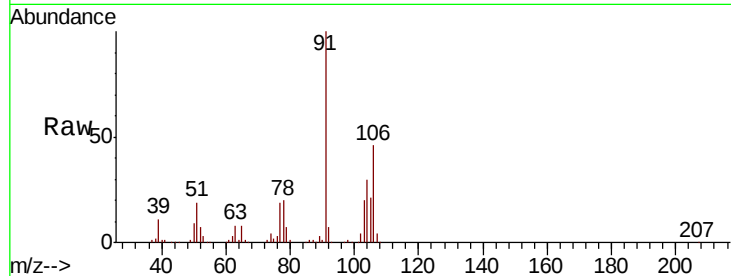




#69
o-Xylene
Concen: 47.833 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

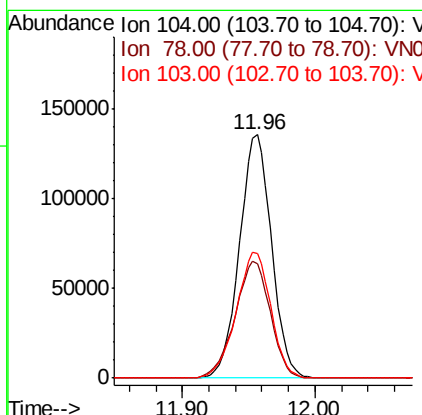
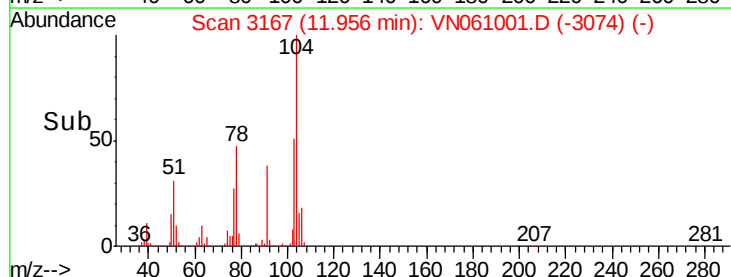
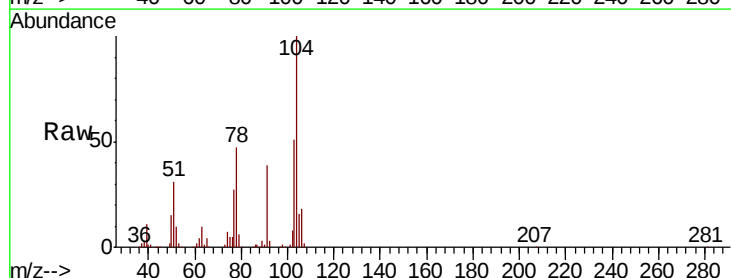
Instrument :
MSVOA_N
ClientSampleId :

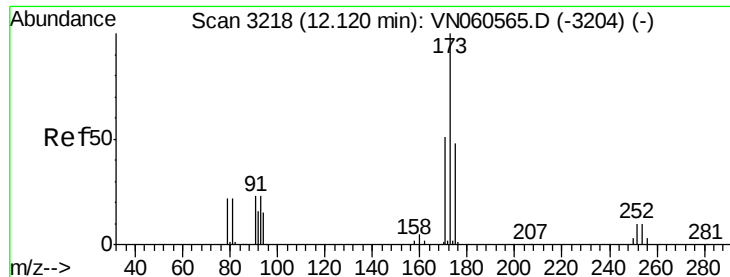
Tot Ion:106 Resp: 136100
Ion Ratio Lower Upper
106 100
91 219.7 109.5 328.4



#70
Styrene
Concen: 48.965 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion:104 Resp: 227859
Ion Ratio Lower Upper
104 100
78 52.9 41.2 61.8
103 55.7 44.0 66.0

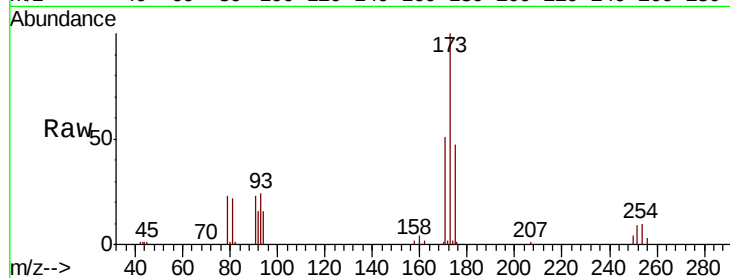




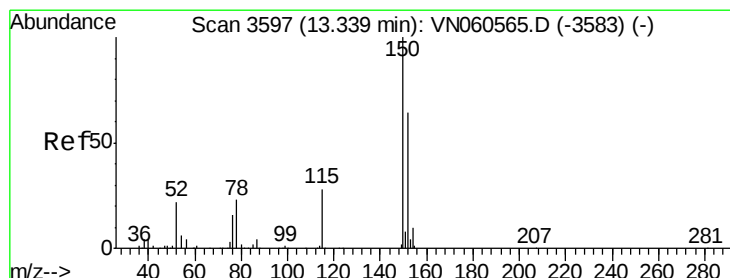
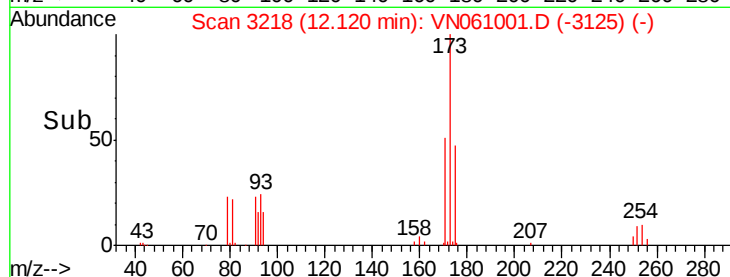
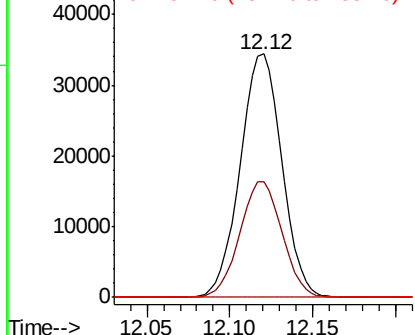
#71
Bromoform
Concen: 46.633 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 60373
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

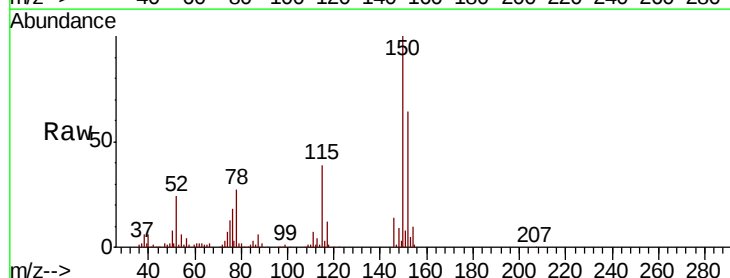


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

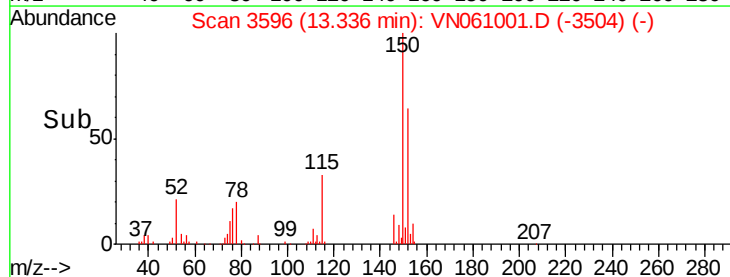
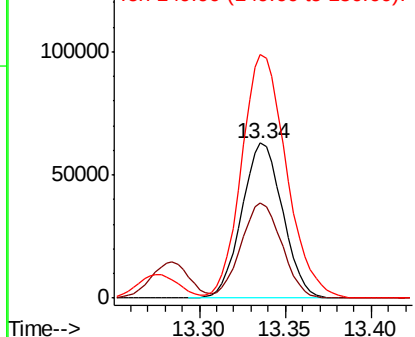


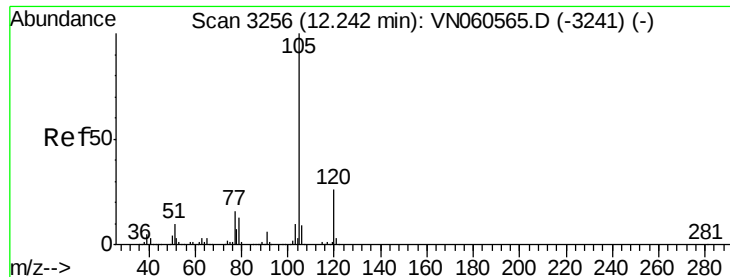
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3596
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion:152 Resp: 103558
Ion Ratio Lower Upper
152 100
115 61.4 30.2 90.6
150 172.5 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: 47.533 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

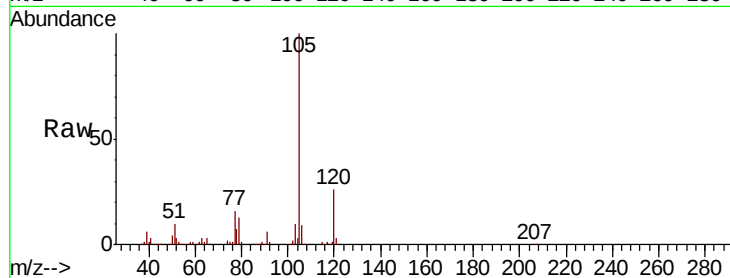
ClientSampleId :

Tot Ion: 105 Resp: 369408

Ion Ratio Lower Upper

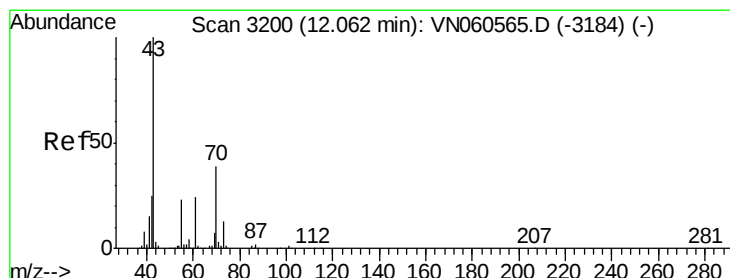
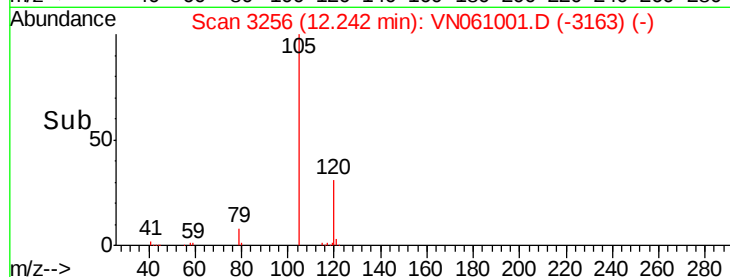
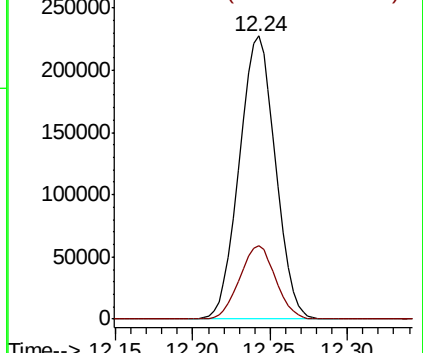
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.822 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Tgt Ion: 43 Resp: 178918

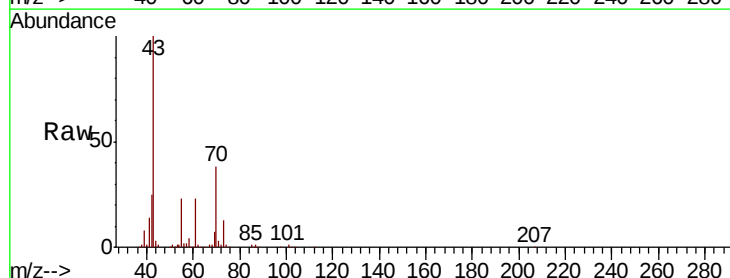
Ion Ratio Lower Upper

43 100

70 38.5 31.1 46.7

55 23.2 18.6 27.8

61 23.2 18.9 28.3

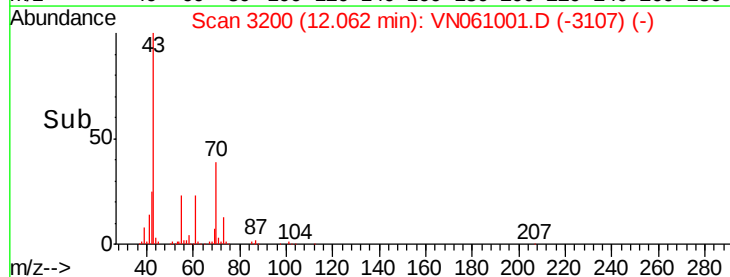
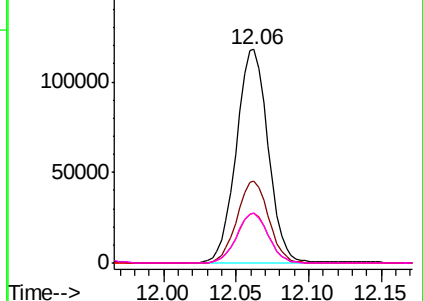


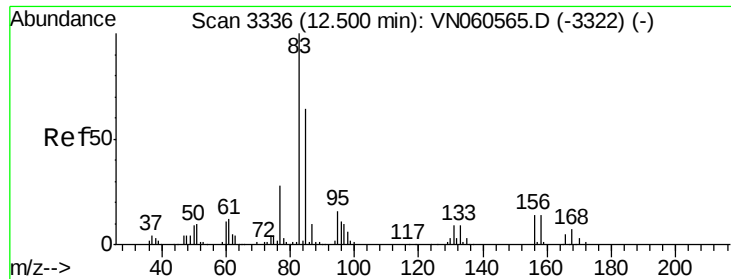
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.380 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

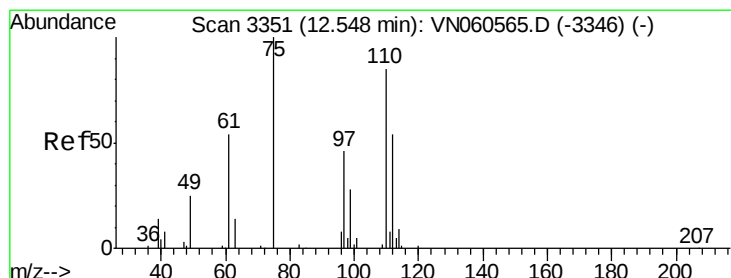
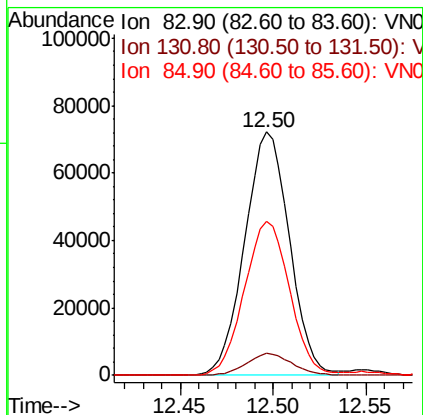
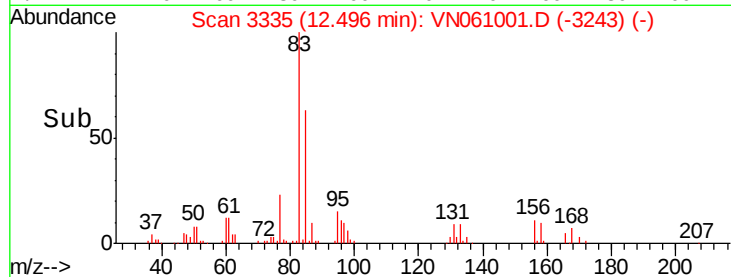
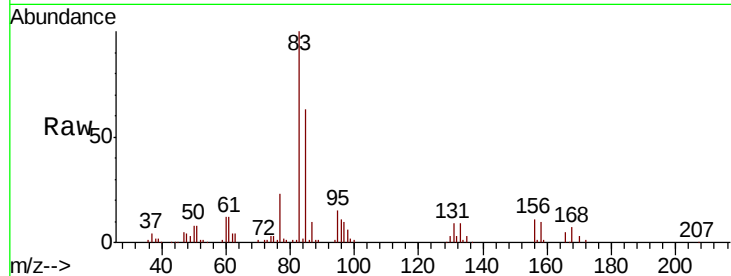
Tot Ion: 83 Resp: 120754

Ion Ratio Lower Upper

83 100

131 9.0 4.9 14.7

85 63.9 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 70.051 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN061001.D

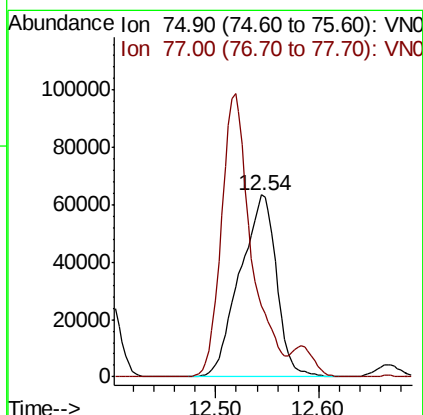
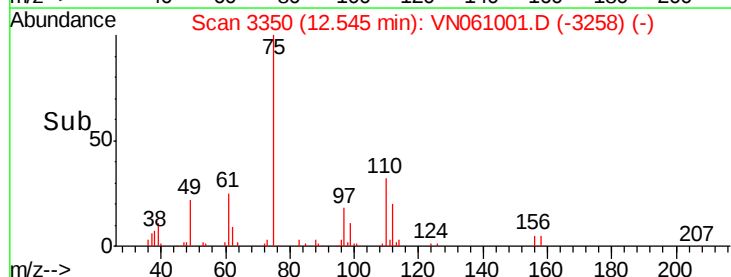
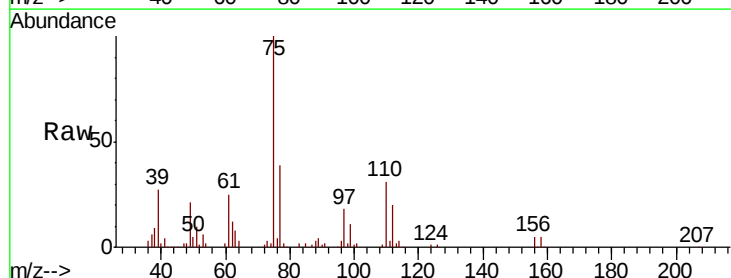
Acq: 16 Apr 2020 6:36

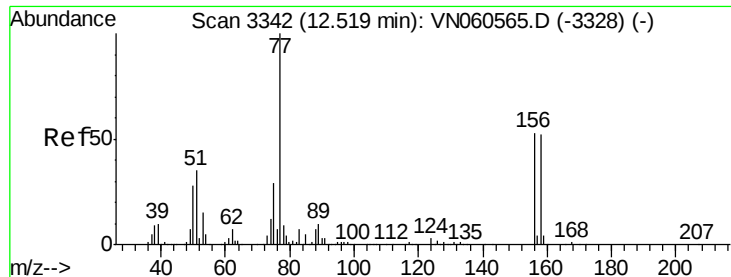
Tgt Ion: 75 Resp: 156534

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.687 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

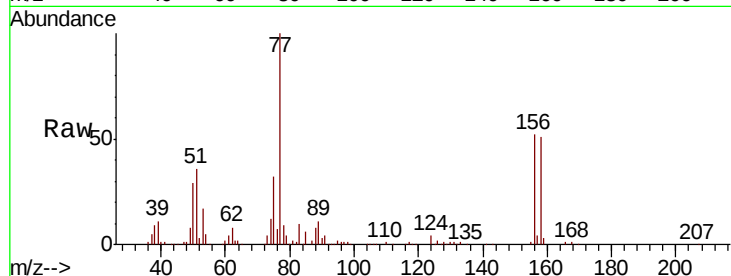
Tot Ion:156 Resp: 87430

Ion Ratio Lower Upper

156 100

77 227.8 112.3 337.0

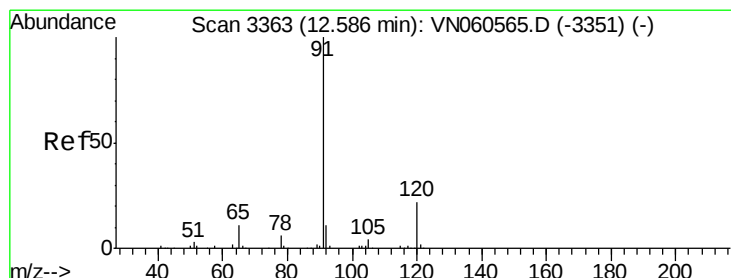
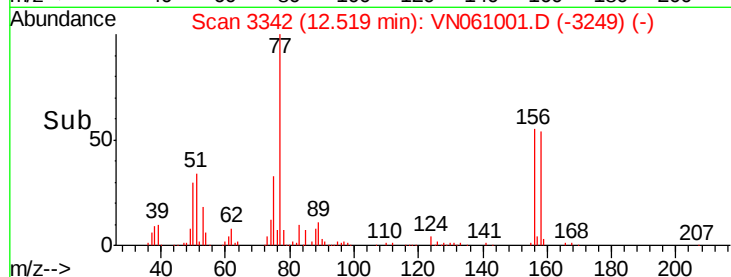
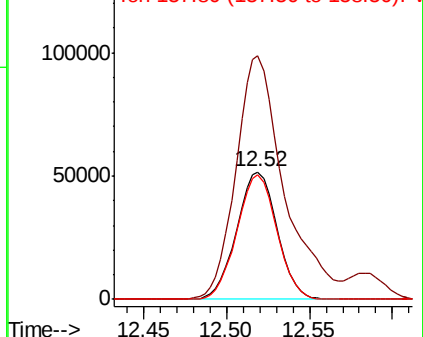
158 96.8 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.338 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN061001.D

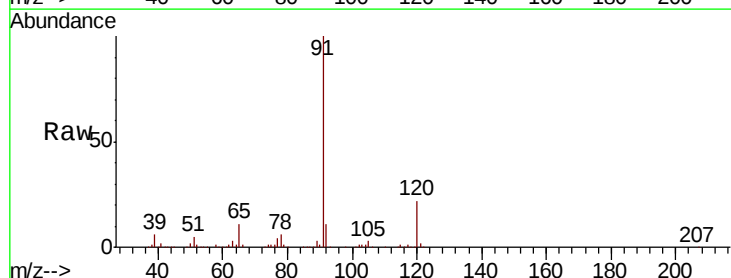
Acq: 16 Apr 2020 6:36

Tgt Ion: 91 Resp: 434646

Ion Ratio Lower Upper

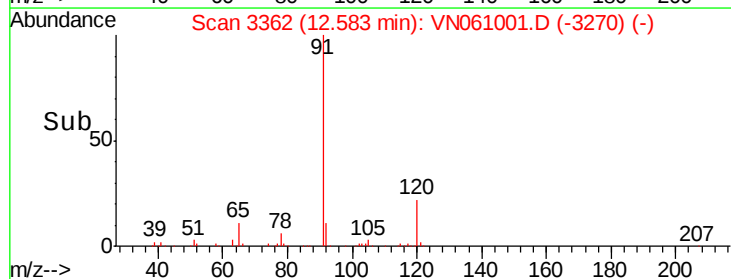
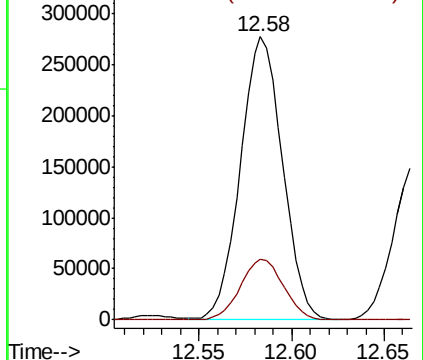
91 100

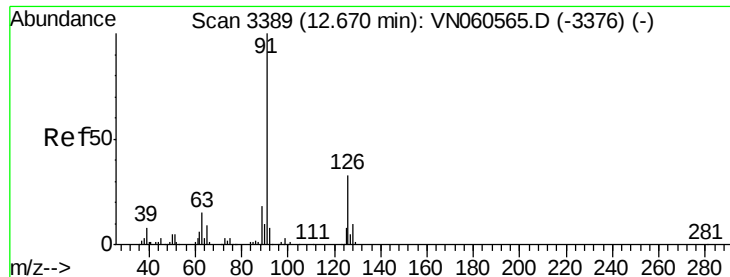
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.752 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

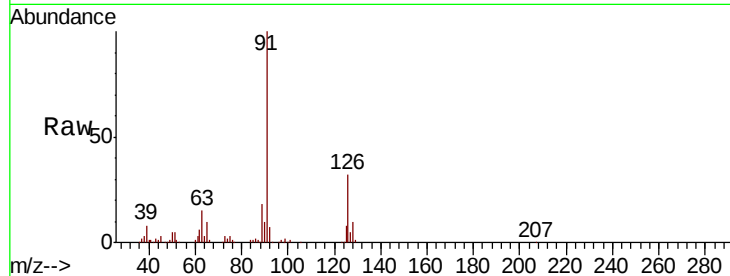
ClientSampled :

Tot Ion: 91 Resp: 256481

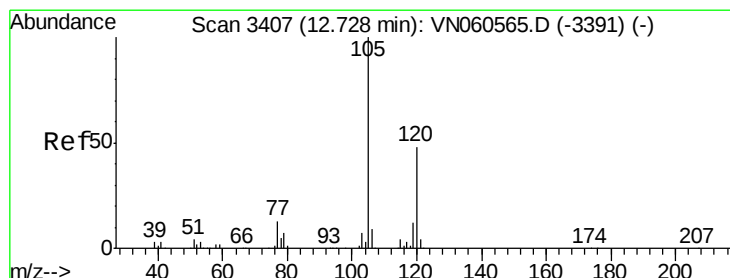
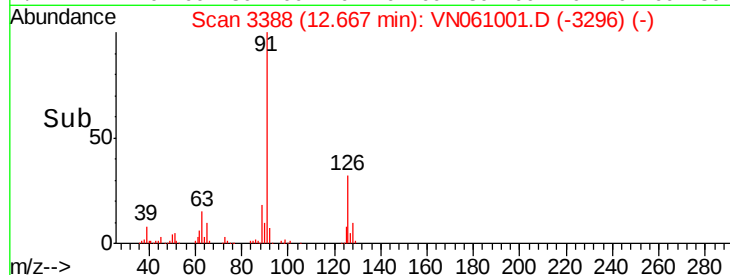
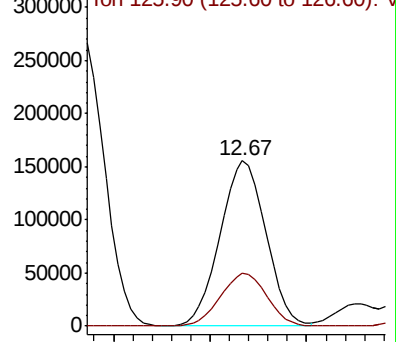
Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN061001.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.630 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN061001.D

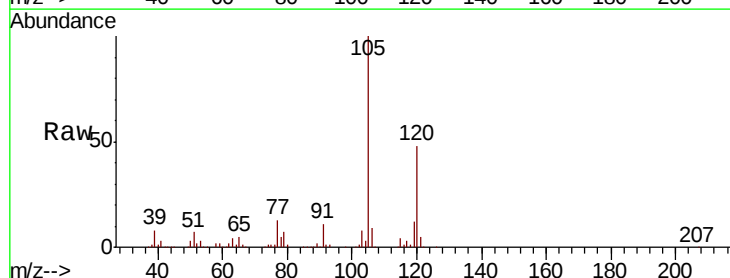
Acq: 16 Apr 2020 6:36

Tgt Ion:105 Resp: 307536

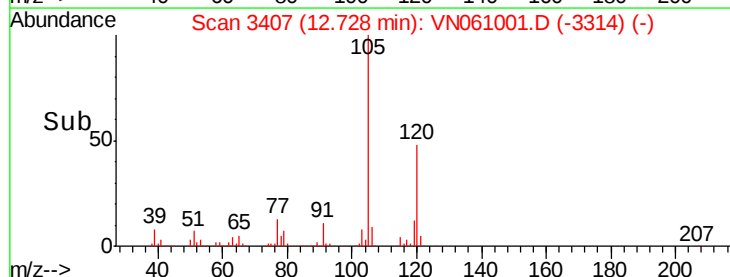
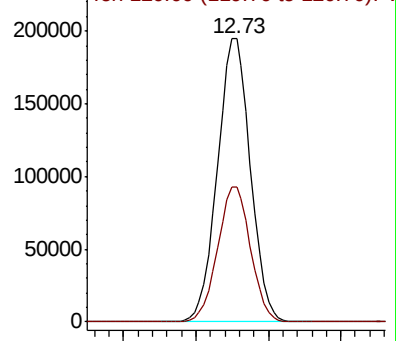
Ion Ratio Lower Upper

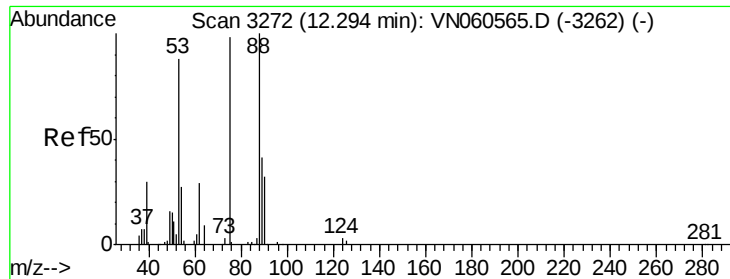
105 100

120 47.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061001.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.740 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

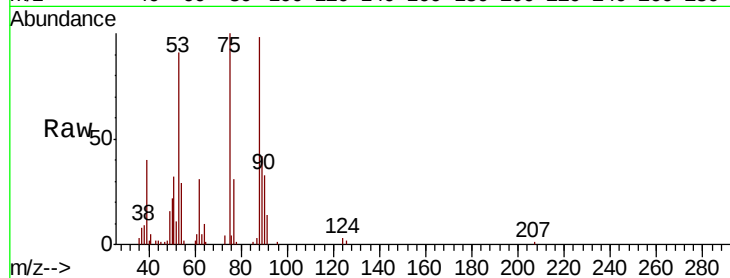
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 38056

Ion	Ratio	Lower	Upper
75	100		
53	91.7	73.0	109.4
89	42.6	34.8	52.2

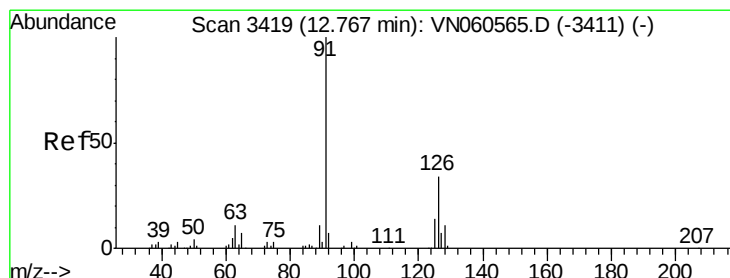
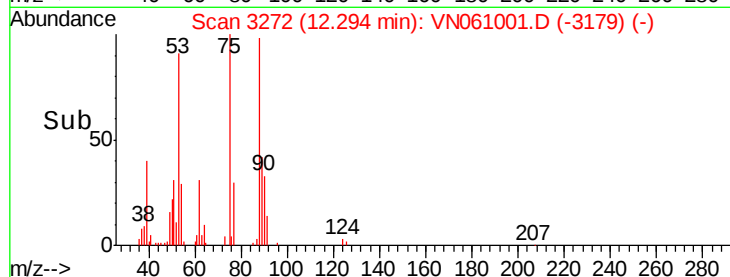
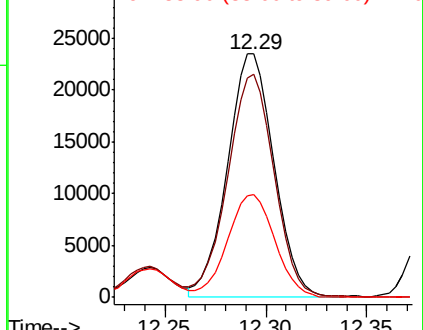


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.743 ug/l

RT: 12.77 min Scan# 3419

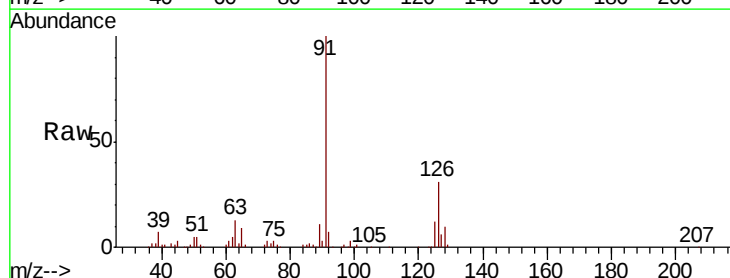
Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Tgt Ion: 91 Resp: 266763

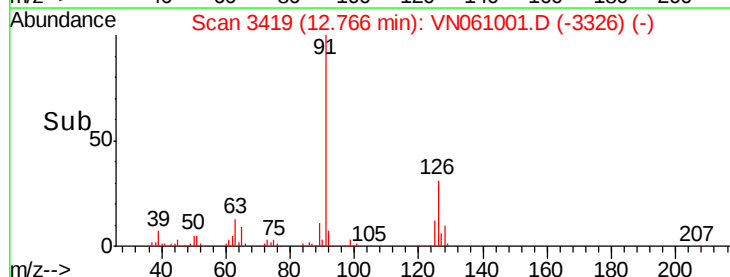
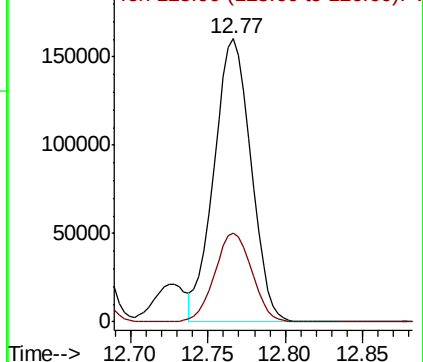
Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.2	48.5

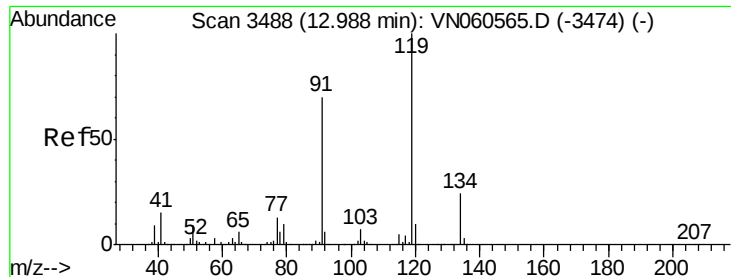


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

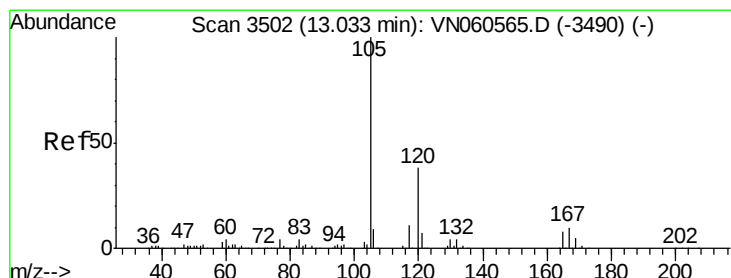
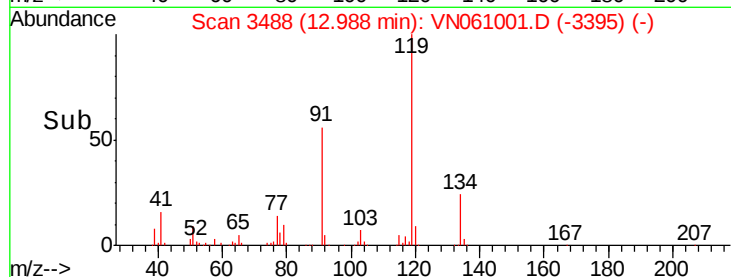
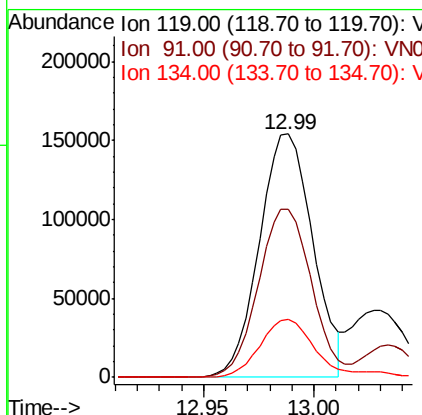
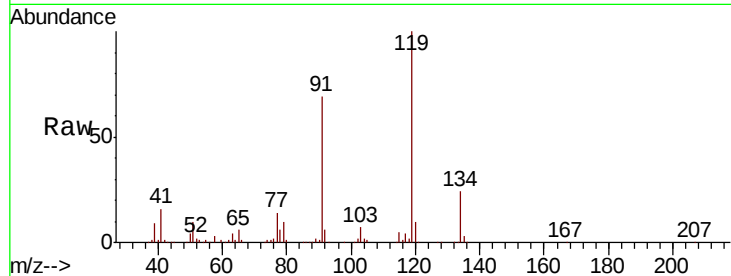




#83
 tert-Butylbenzene
 Concen: 47.421 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

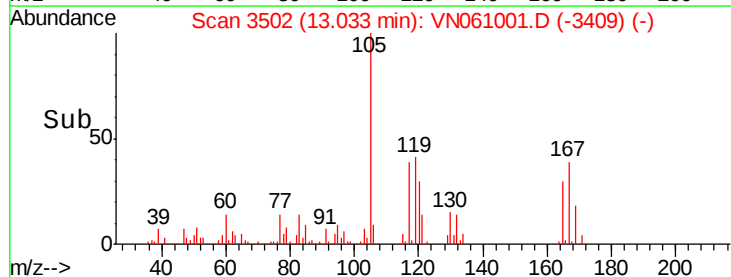
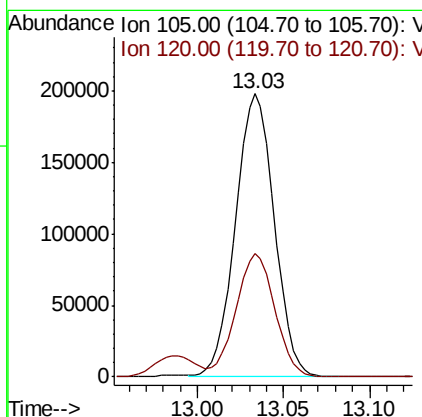
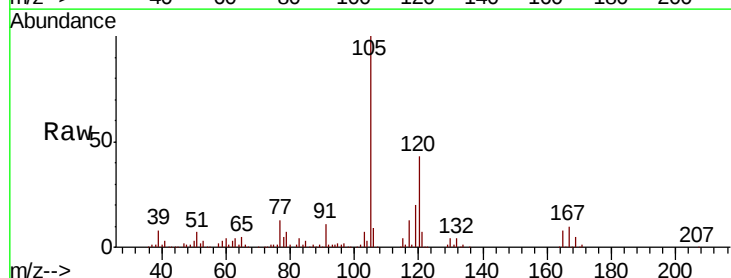
Instrument :
 MSVOA_N
 ClientSampleId :

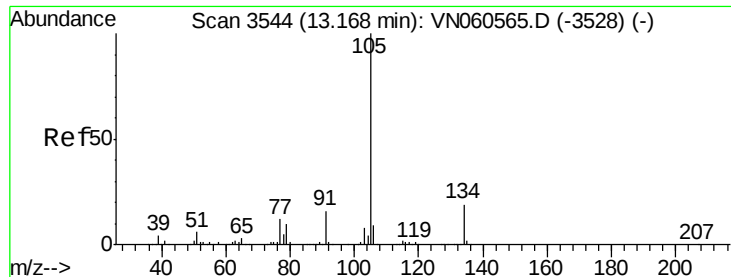
Tot Ion:119 Resp: 259263
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.0 101.8
 134 25.4 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 47.601 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Tgt Ion:105 Resp: 310579
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.1 66.5

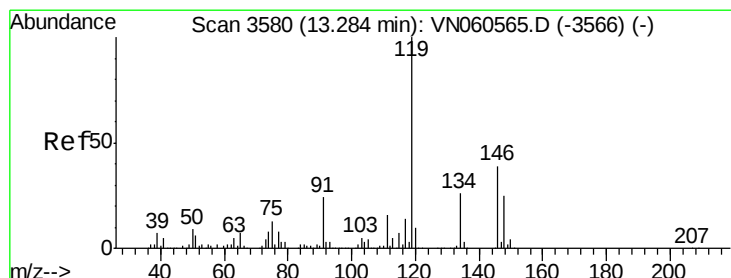
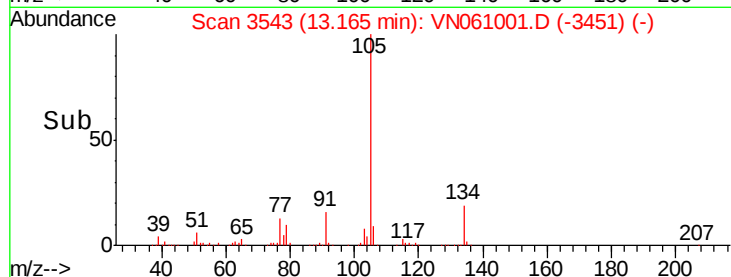
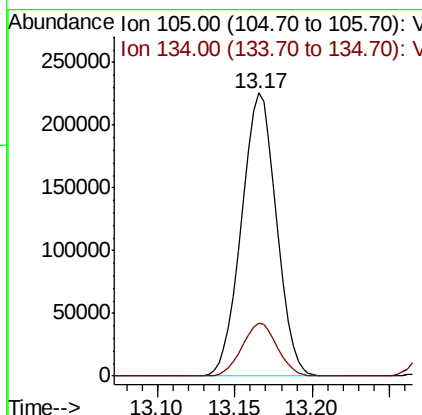
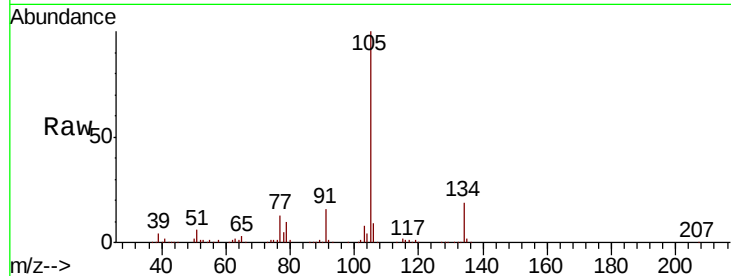




#85
 sec-Butylbenzene
 Concen: 48.350 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

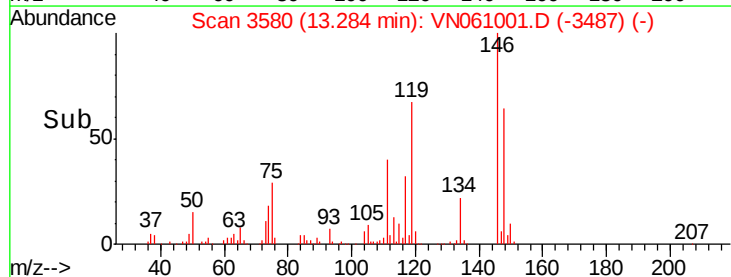
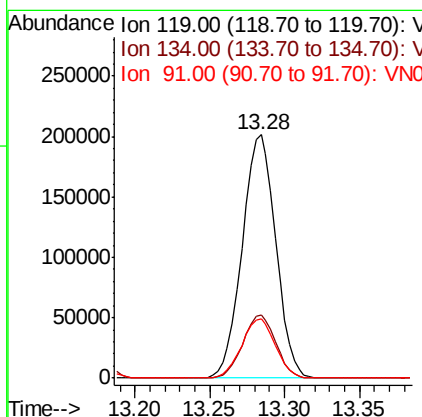
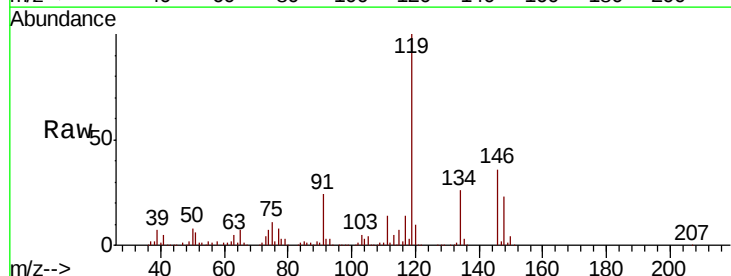
Instrument :
 MSVOA_N
 ClientSampled :

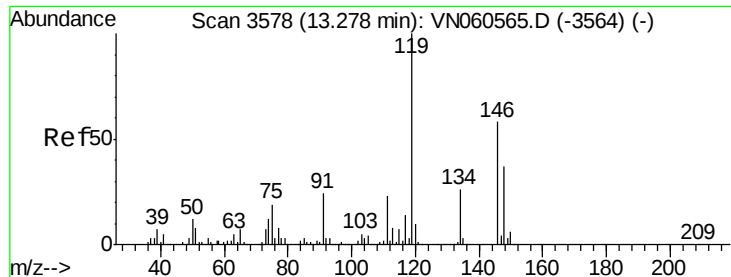
Tot Ion:105 Resp: 355459
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 47.588 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN061001.D
 Acq: 16 Apr 2020 6:36

Tgt Ion:119 Resp: 314603
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.5 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 47.432 ug/l

RT: 13.27 min Scan# 3577

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

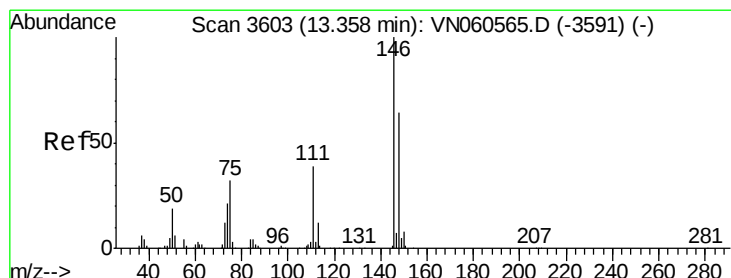
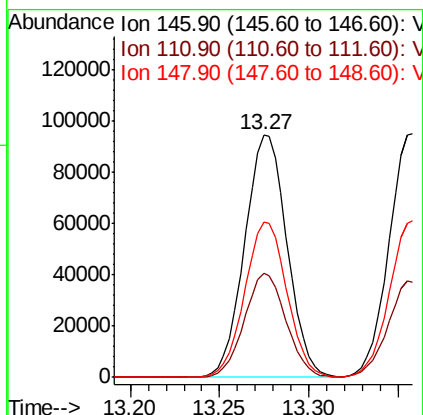
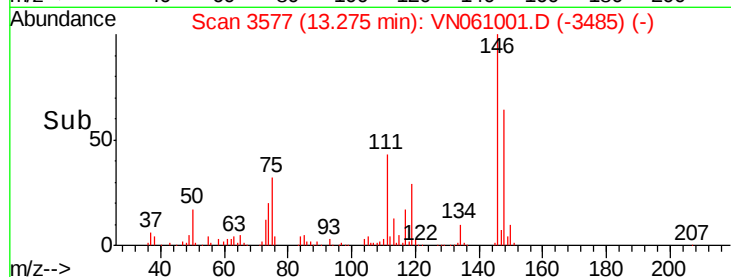
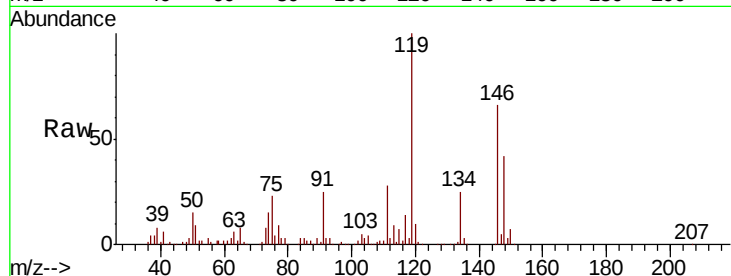
Tot Ion:146 Resp: 156661

Ion Ratio Lower Upper

146 100

111 42.2 20.3 60.8

148 63.9 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 47.251 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

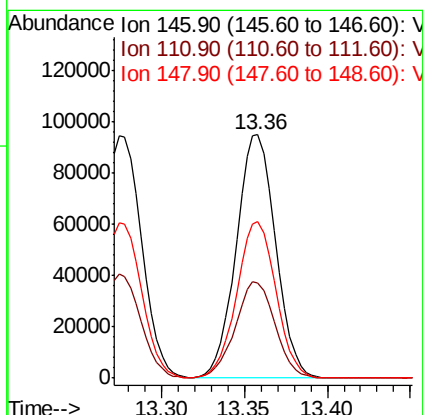
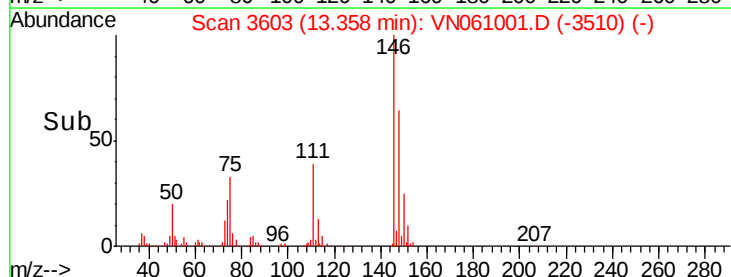
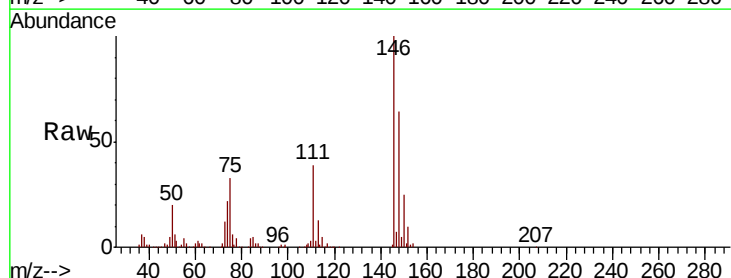
Tgt Ion:146 Resp: 156795

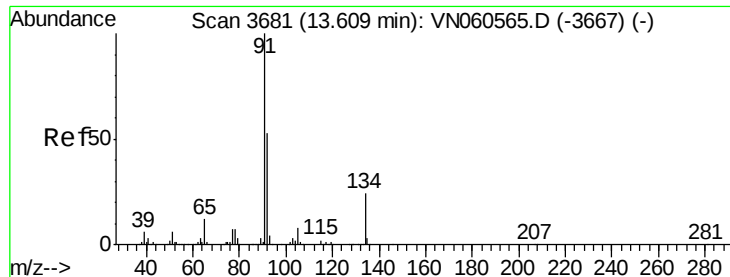
Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.7

148 64.2 32.1 96.3

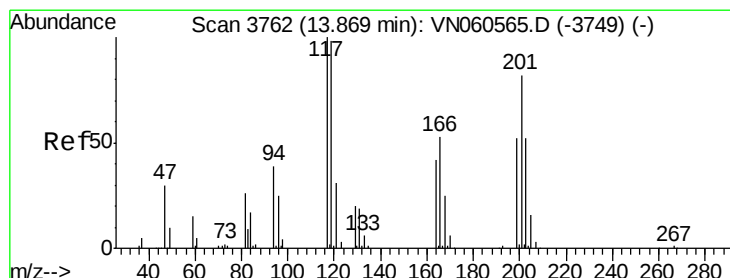
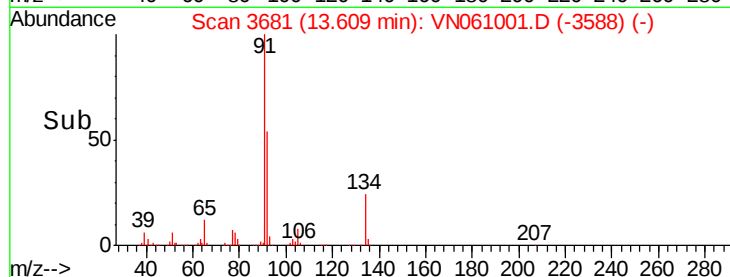
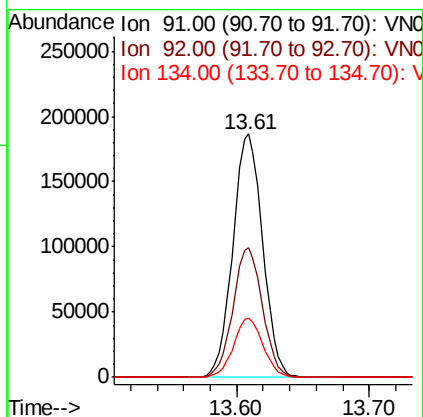
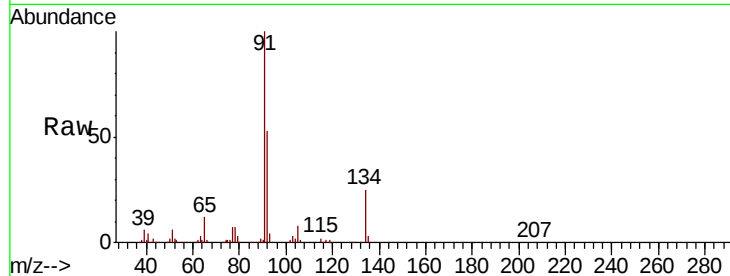




#89
n-Butylbenzene
Concen: 48.710 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

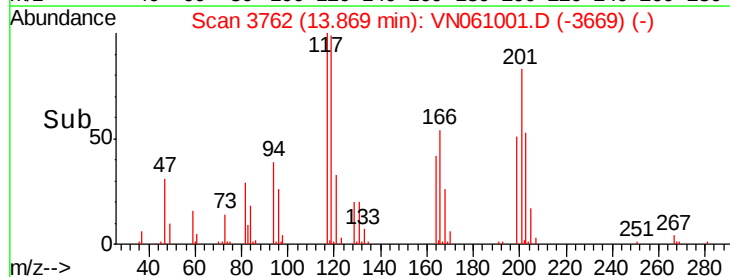
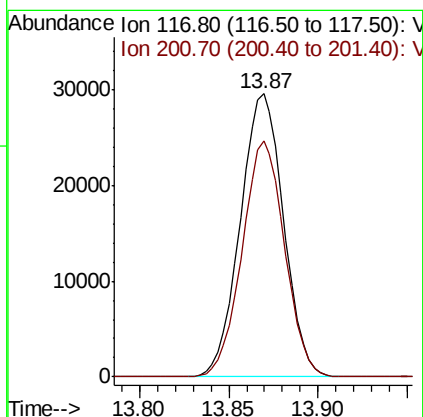
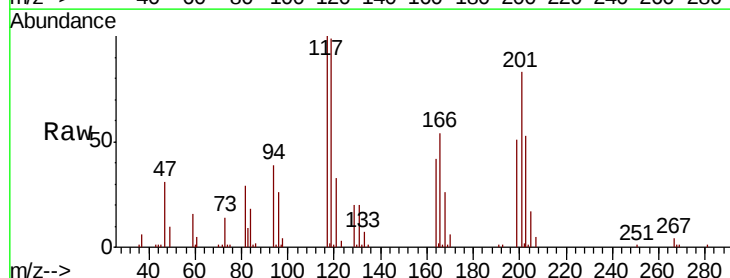
Instrument :
MSVOA_N
ClientSampleId :

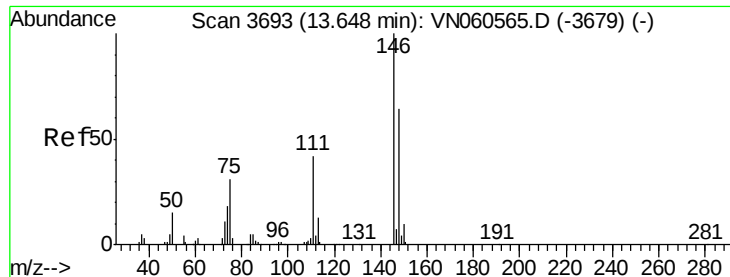
Tot Ion: 91 Resp: 290734
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 24.0 12.3 36.9



#90
Hexachloroethane
Concen: 52.101 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion: 117 Resp: 50067
Ion Ratio Lower Upper
117 100
201 81.7 40.8 122.5





#91

1,2-Dichlorobenzene

Concen: 48.388 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN061001.D

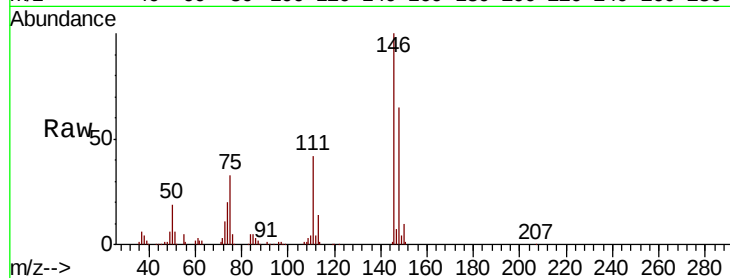
Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	152818
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.0	63.0
148	63.7	31.9	95.5

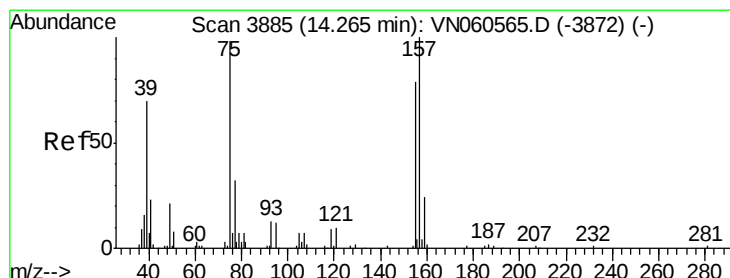
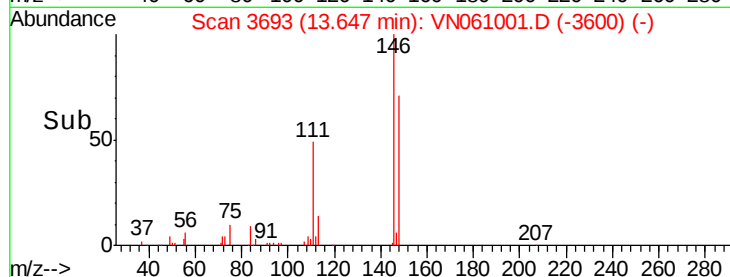
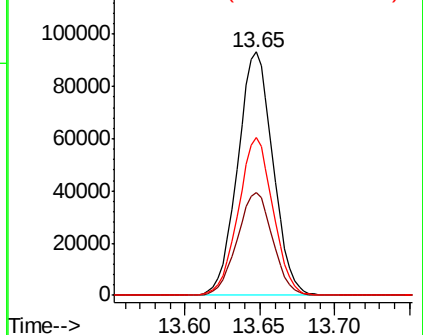


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.788 ug/l

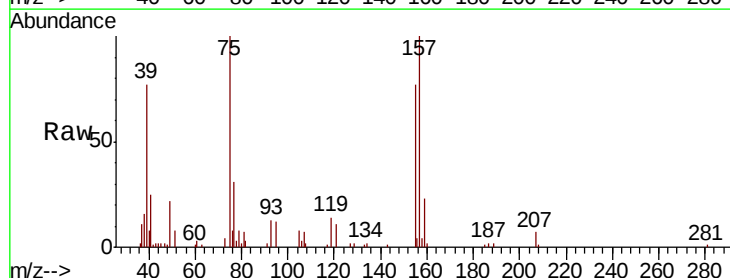
RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Tgt Ion:	75	Resp:	24509
Ion	Ratio	Lower	Upper
75	100		
155	77.1	40.7	122.1
157	99.2	51.5	154.7

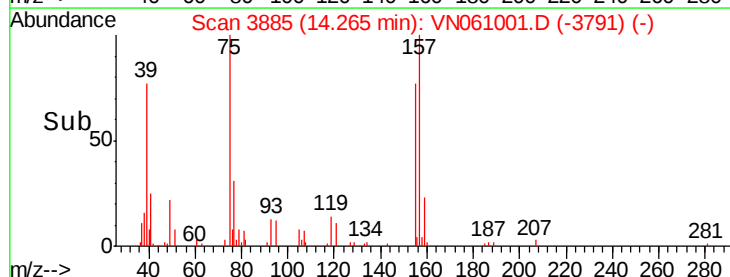
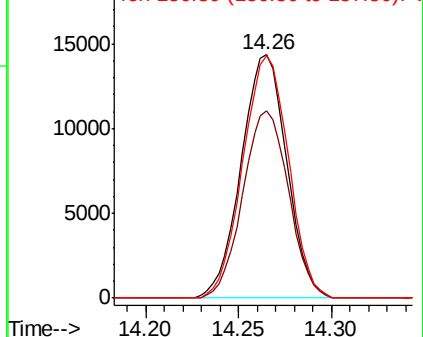


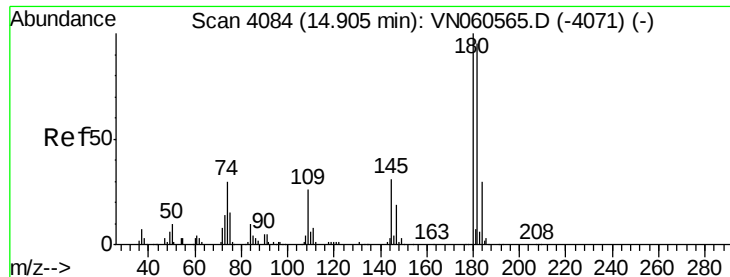
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 49.816 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

Instrument :

MSVOA_N

ClientSampleId :

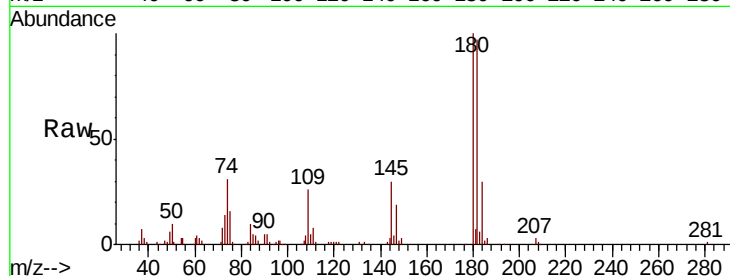
Tot Ion:180 Resp: 96615

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

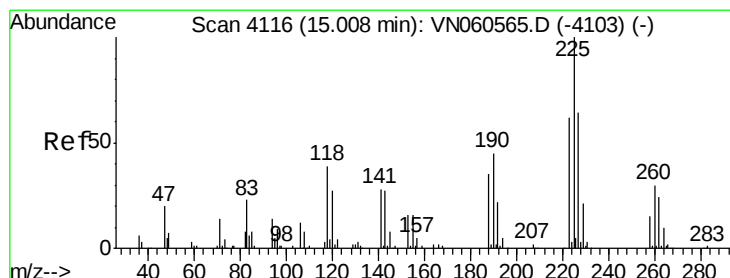
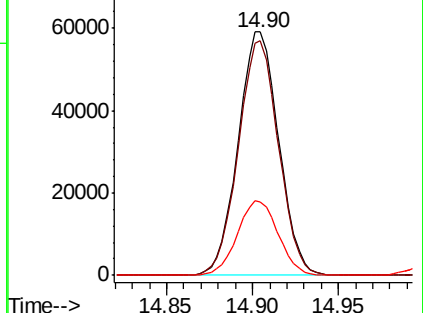
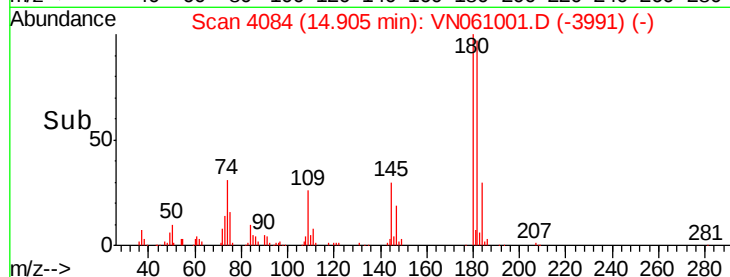
145 30.8 15.4 46.2



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: 46.626 ug/l

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN061001.D

Acq: 16 Apr 2020 6:36

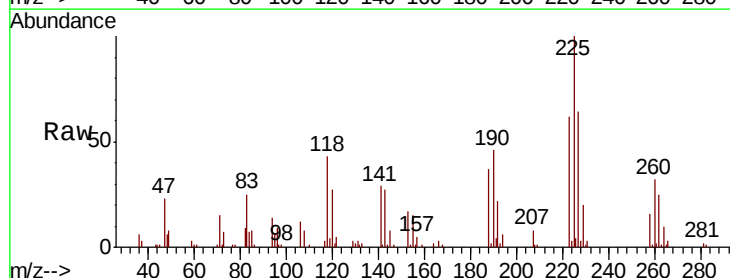
Tgt Ion:225 Resp: 44330

Ion Ratio Lower Upper

225 100

223 61.4 31.6 95.0

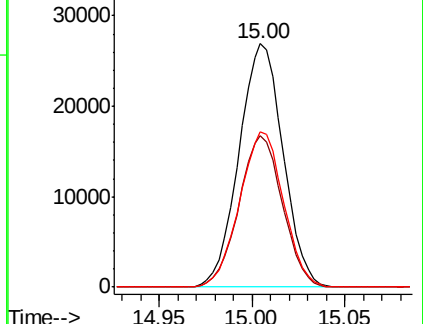
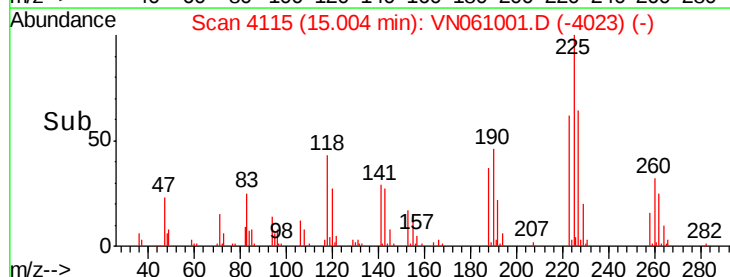
227 63.4 32.3 96.8

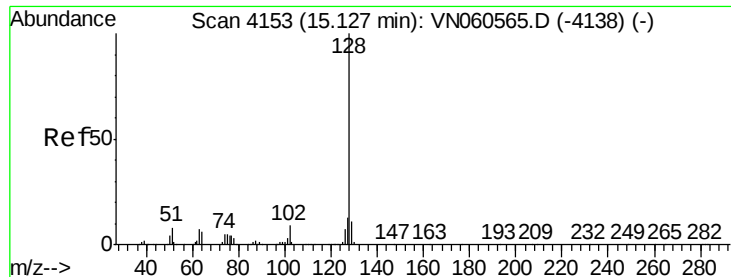


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

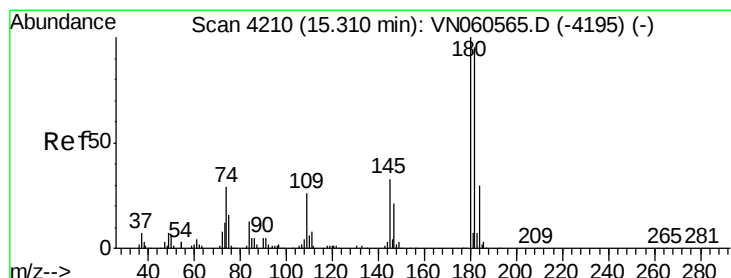
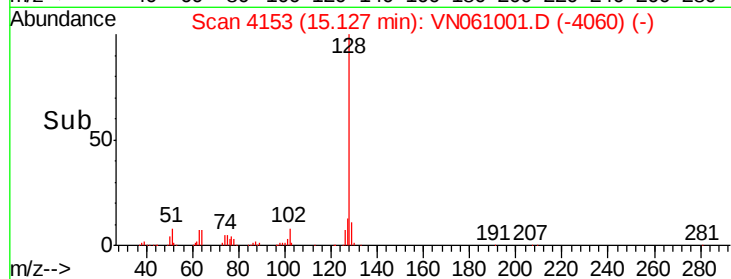
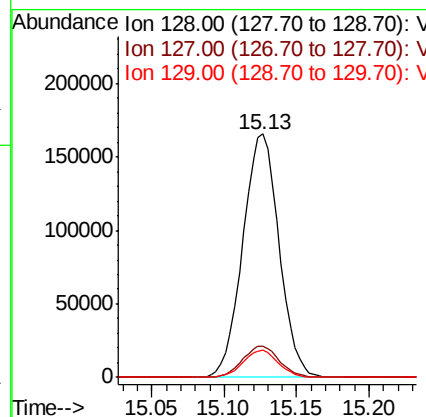
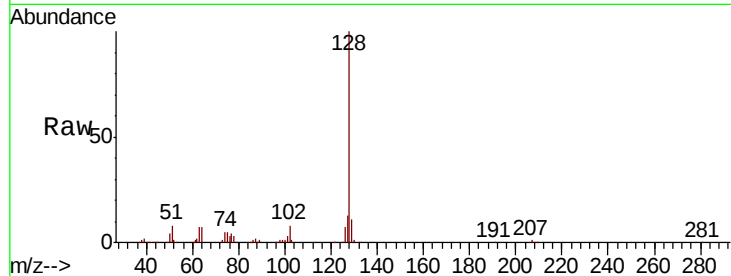




#95
Naphthalene
Concen: 49.401 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.336 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.00 min
Lab File: VN061001.D
Acq: 16 Apr 2020 6:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	31.6	16.3	48.8

