

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060813.D
 Acq On : 2 Apr 2020 10:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 07:39:39 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	199925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	318930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	134388	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.56	113	101477	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	10.08	98	404093	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.40	95	150601	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	92851	47.998	ug/l	99
3) Chloromethane	2.04	50	161926	44.819	ug/l	100
4) Vinyl Chloride	2.17	62	129124	45.694	ug/l	98
5) Bromomethane	2.54	94	61875	50.722	ug/l	98
6) Chloroethane	2.68	64	81797	50.249	ug/l	99
7) Trichlorofluoromethane	3.00	101	174305	50.072	ug/l	98
8) Diethyl Ether	3.38	74	73302	52.418	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	106925	53.010	ug/l	99
10) Methyl Iodide	3.92	142	86316	48.091	ug/l	99
11) Tert butyl alcohol	4.72	59	93665	232.056	ug/l	99
12) 1,1-Dichloroethene	3.71	96	107523	49.674	ug/l	96
13) Acrolein	3.57	56	116462	260.342	ug/l	99
14) Allyl chloride	4.29	41	194893	51.193	ug/l	98
15) Acrylonitrile	4.94	53	302183	254.595	ug/l	100
16) Acetone	3.77	43	337270	346.927	ug/l	99
17) Carbon Disulfide	4.03	76	309298	46.984	ug/l	100
18) Methyl Acetate	4.28	43	142626	52.122	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	380588	51.140	ug/l	98
20) Methylene Chloride	4.52	84	121466	50.791	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	115974	50.272	ug/l	98
22) Diisopropyl ether	5.91	45	436066	54.217	ug/l	96
23) Vinyl Acetate	5.85	43	1761632	268.442	ug/l	99
24) 1,1-Dichloroethane	5.81	63	230677	52.610	ug/l	100
25) 2-Butanone	6.79	43	446375	283.750	ug/l	99
26) 2,2-Dichloropropane	6.79	77	197537	57.261	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	135743	51.779	ug/l	99
28) Bromochloromethane	7.17	49	103246	49.216	ug/l	99
29) Tetrahydrofuran	7.18	42	268903	241.591	ug/l	99
30) Chloroform	7.34	83	220536	52.466	ug/l	99
31) Cyclohexane	7.63	56	213144	48.219	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	187779	51.821	ug/l	99
36) 1,1-Dichloropropene	7.77	75	170248	55.128	ug/l	100
37) Ethyl Acetate	6.89	43	172451	51.680	ug/l	99
38) Carbon Tetrachloride	7.75	117	152128	54.963	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	206863	56.366	ug/l	98
40) Benzene	8.02	78	505576	54.231	ug/l	99
41) Methacrylonitrile	7.17	41	244908	171.975	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	173549	54.472	ug/l	99
43) Isopropyl Acetate	8.14	43	294697	53.550	ug/l	99
44) Trichloroethene	8.81	130	128581	54.712	ug/l	100
45) 1,2-Dichloropropane	9.10	63	138476	56.293	ug/l	98
46) Dibromomethane	9.19	93	82049	55.171	ug/l	99
47) Bromodichloromethane	9.38	83	173189	56.042	ug/l	99
48) Methyl methacrylate	9.18	41	130786	53.378	ug/l	99
49) 1,4-Dioxane	9.17	88	30985	1063.927	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	846811	270.412	ug/l	100
52) Toluene	10.14	92	307619	54.637	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	204493	57.606	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	219600	56.389	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	118350	54.639	ug/l	99
56) Ethyl methacrylate	10.42	69	189274	56.042	ug/l	99
57) 1,3-Dichloropropane	10.70	76	207998	55.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	504978	300.837	ug/l	100
59) 2-Hexanone	10.74	43	636502	282.159	ug/l	99
60) Dibromochloromethane	10.89	129	127479	56.976	ug/l	99
61) 1,2-Dibromoethane	10.99	107	120861	55.490	ug/l	100
64) Tetrachloroethene	10.62	164	123118	53.189	ug/l	98
65) Chlorobenzene	11.42	112	318075	54.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	117622	55.710	ug/l	98
67) Ethyl Benzene	11.50	91	599845	55.315	ug/l	100
68) m/p-Xylenes	11.61	106	445005	110.430	ug/l	100
69) o-Xylene	11.94	106	212577	55.260	ug/l	100
70) Styrene	11.96	104	354036	56.272	ug/l	100
71) Bromoform	12.12	173	90741	51.653	ug/l #	100
73) Isopropylbenzene	12.24	105	574799	53.261	ug/l	100
74) N-amyl acetate	12.06	43	256143	51.363	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	168374	51.591	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	232947	75.070	ug/l #	100
77) Bromobenzene	12.52	156	134939	51.889	ug/l	99
78) n-propylbenzene	12.59	91	685577	53.769	ug/l	100
79) 2-Chlorotoluene	12.67	91	397402	52.164	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	485642	53.026	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	63249	52.349	ug/l	100
82) 4-Chlorotoluene	12.77	91	411158	52.990	ug/l	100
83) tert-Butylbenzene	12.99	119	408748	53.838	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	491579	54.254	ug/l	100
85) sec-Butylbenzene	13.17	105	568491	55.684	ug/l	100
86) p-Isopropyltoluene	13.28	119	512561	55.832	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	248698	54.223	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	249094	54.055	ug/l	99
89) n-Butylbenzene	13.61	91	486010	58.636	ug/l	100
90) Hexachloroethane	13.87	117	79439	59.529	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	237368	54.123	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32628	47.719	ug/l	99

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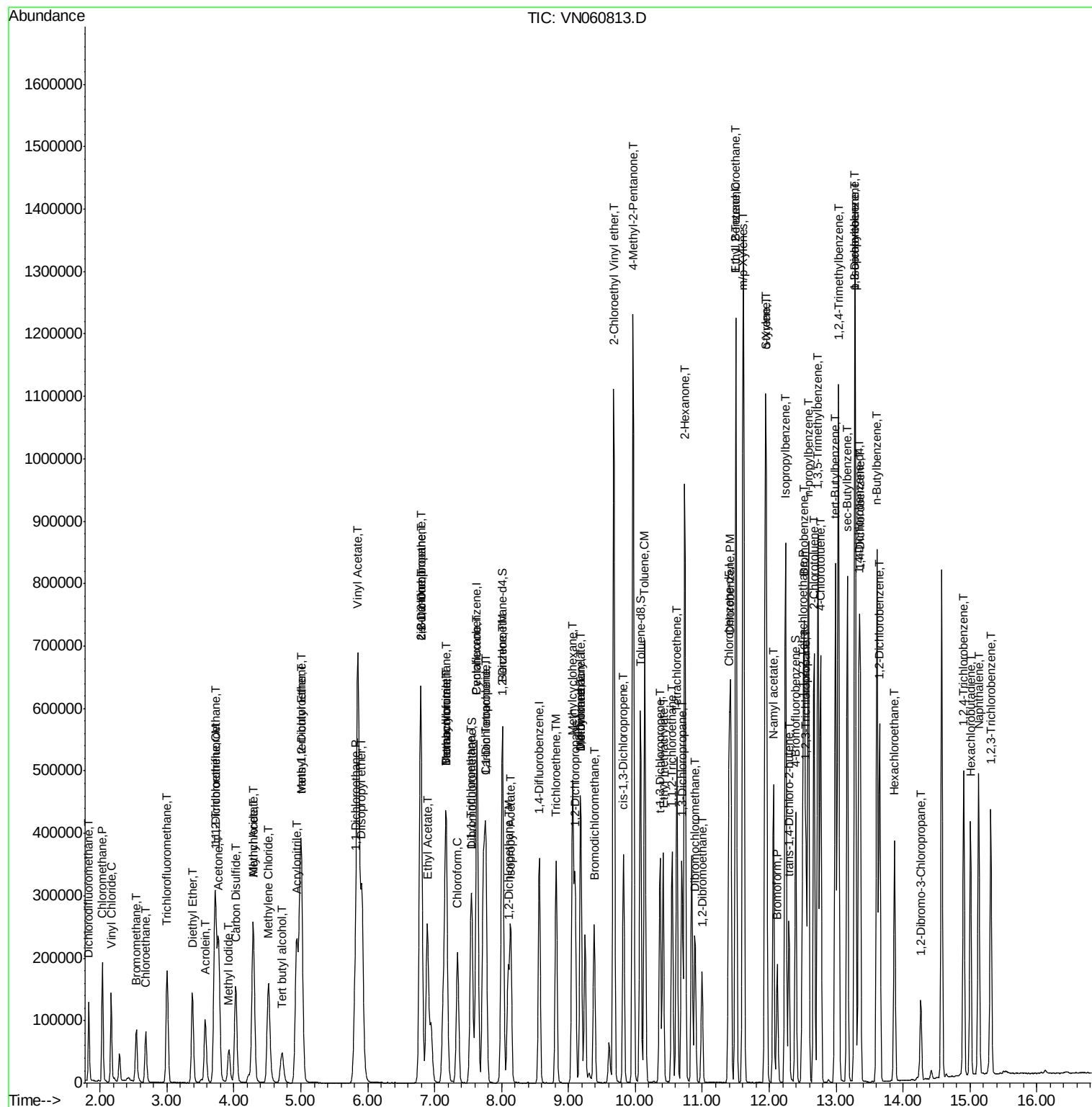
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	154165	57.242	ug/l	99
94) Hexachlorobutadiene	15.01	225	80446	60.931	ug/l	99
95) Naphthalene	15.13	128	417667	51.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	145654	54.906	ug/l	100

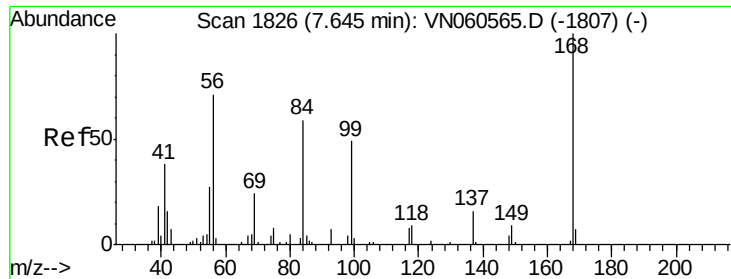
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

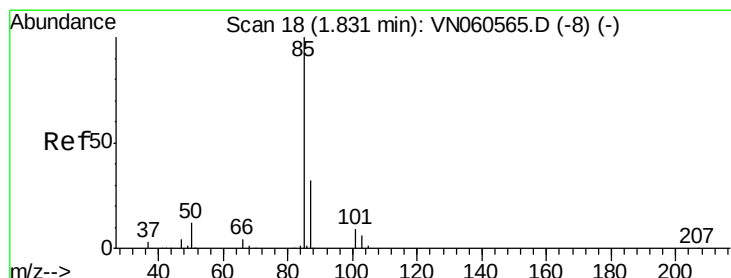
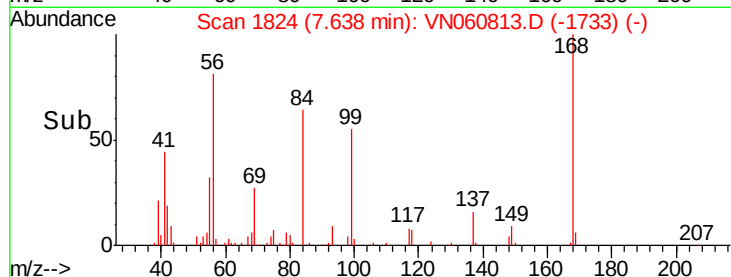
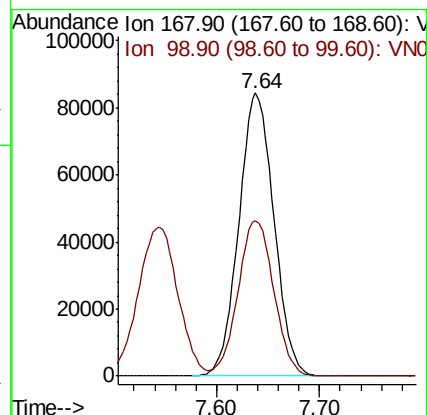
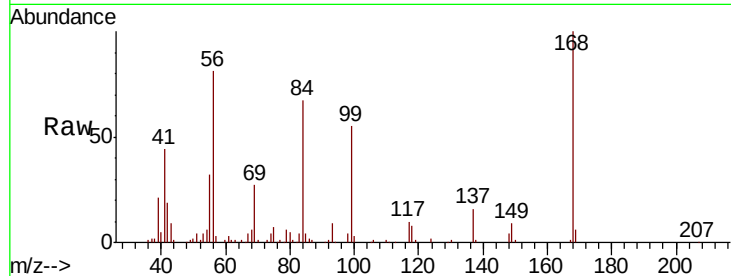
ClientSampleId :

Tot Ion:168 Resp: 199925

Ion Ratio Lower Upper

168 100

99 55.1 44.0 66.0



#2

Dichlorodifluoromethane

Concen: 47.998 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060813.D

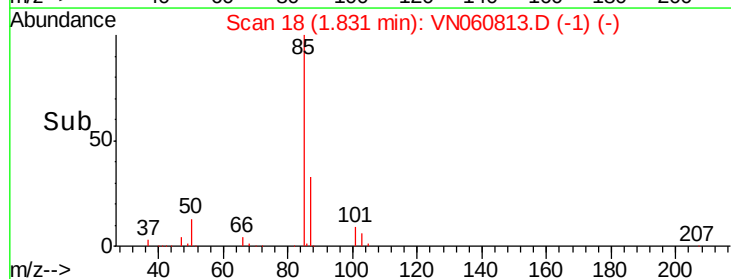
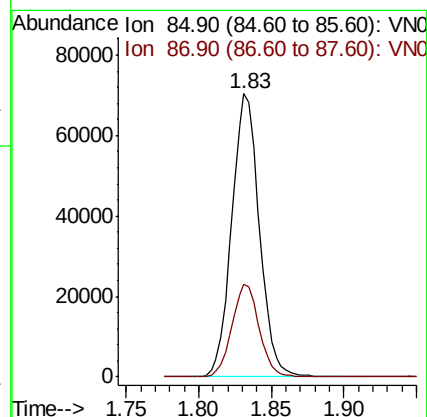
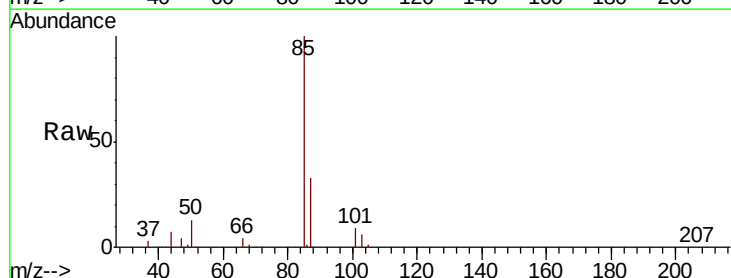
Acq: 2 Apr 2020 10:33

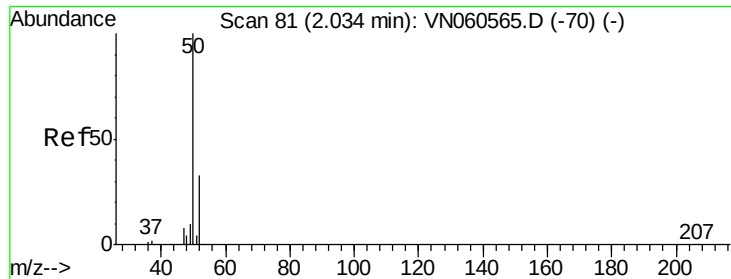
Tgt Ion: 85 Resp: 92851

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5





#3

Chloromethane

Concen: 44.819 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

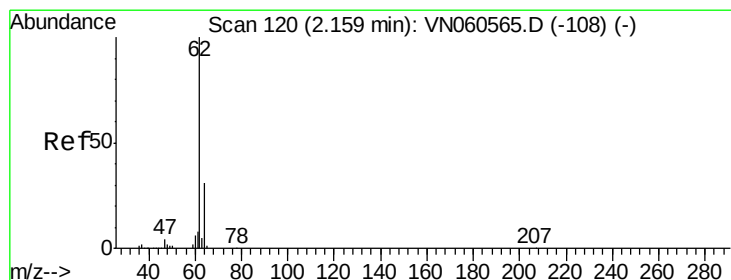
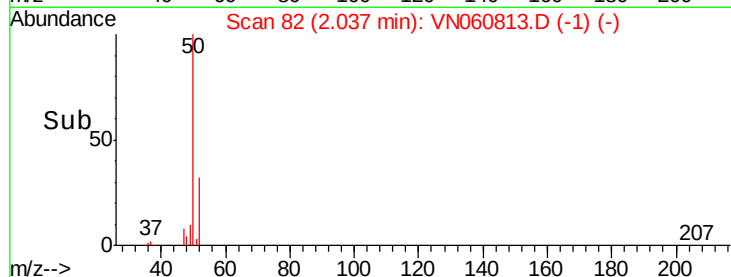
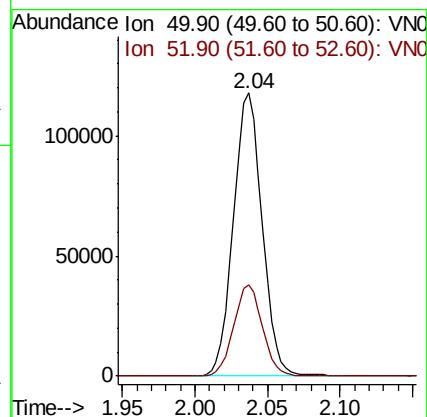
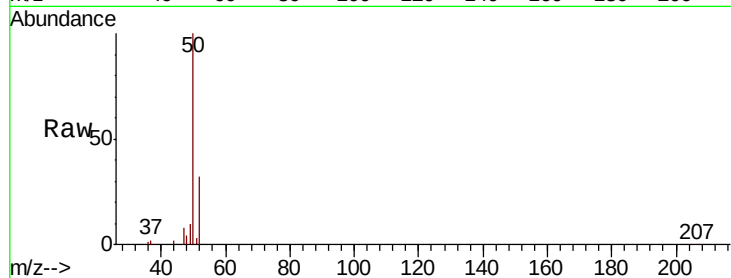
ClientSampleId :

Tot Ion: 50 Resp: 161926

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 45.694 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060813.D

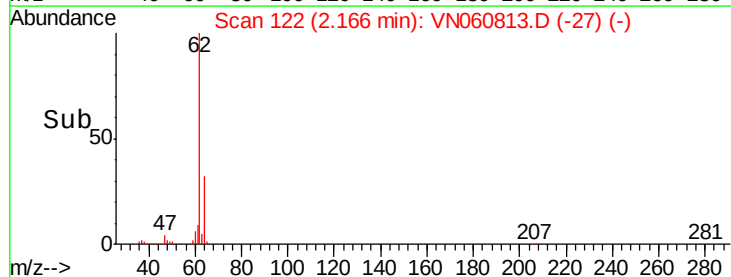
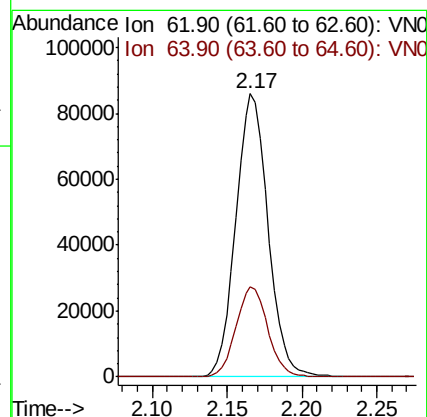
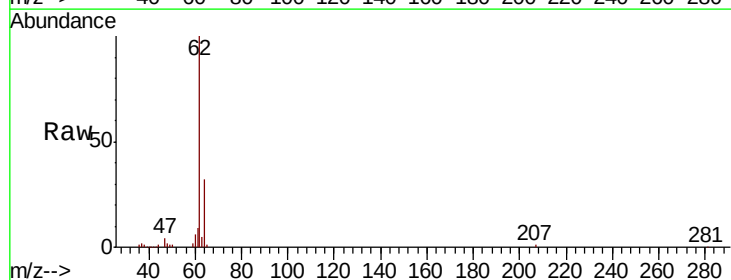
Acq: 2 Apr 2020 10:33

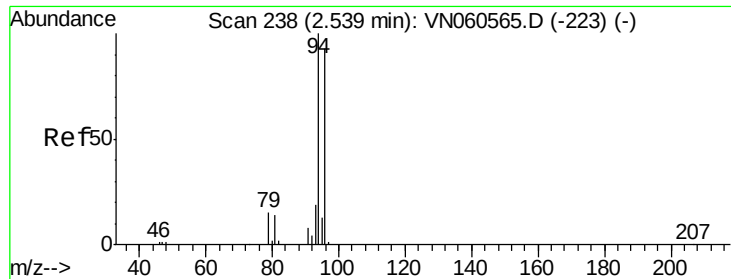
Tgt Ion: 62 Resp: 129124

Ion Ratio Lower Upper

62 100

64 32.0 24.7 37.1





#5

Bromomethane

Concen: 50.722 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

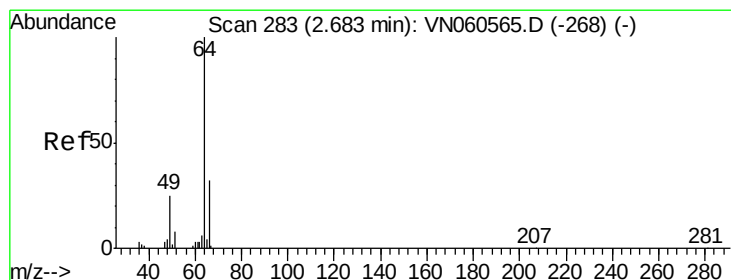
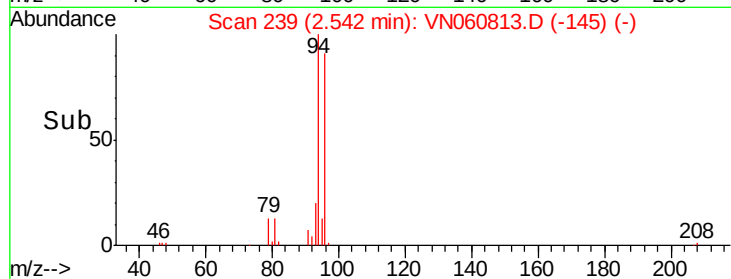
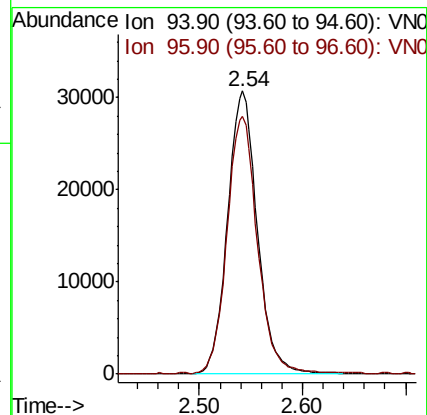
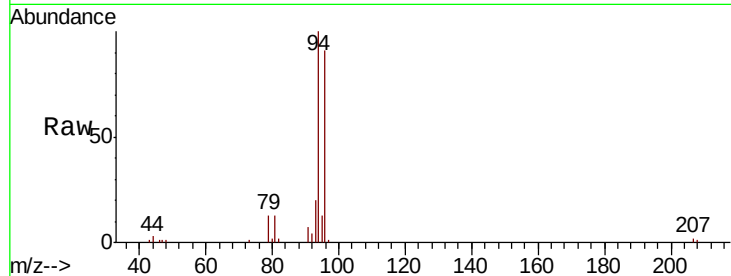
ClientSampleId :

Tot Ion: 94 Resp: 61875

Ion Ratio Lower Upper

94 100

96 91.1 74.6 112.0



#6

Chloroethane

Concen: 50.249 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060813.D

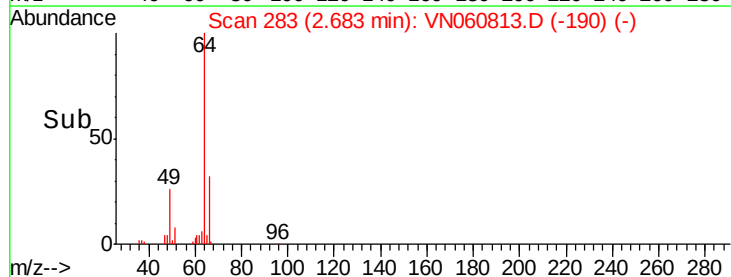
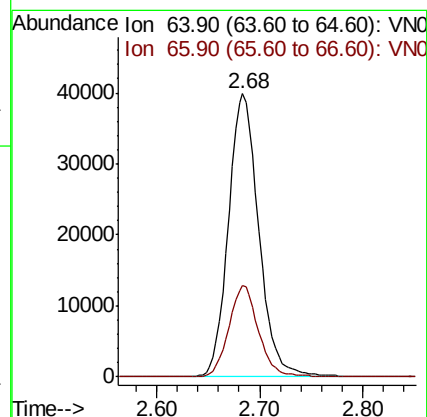
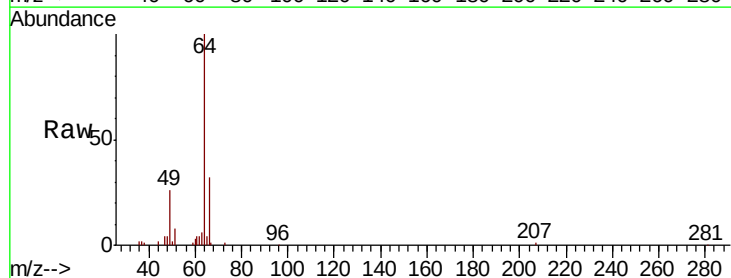
Acq: 2 Apr 2020 10:33

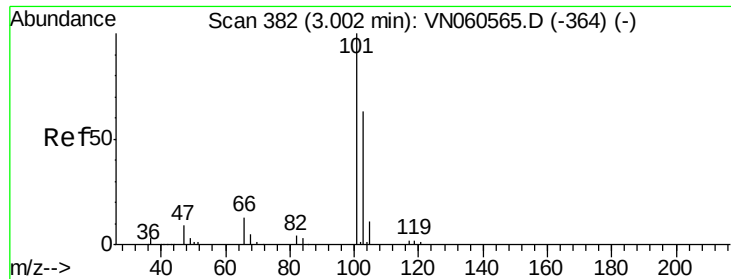
Tgt Ion: 64 Resp: 81797

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9



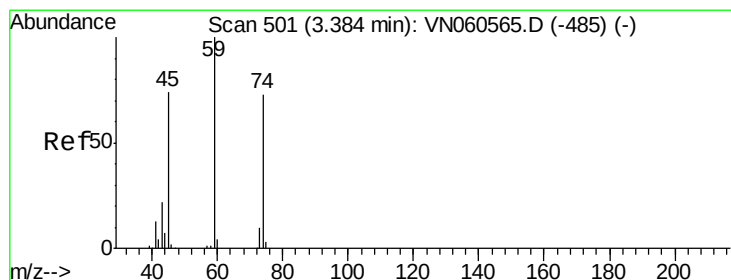
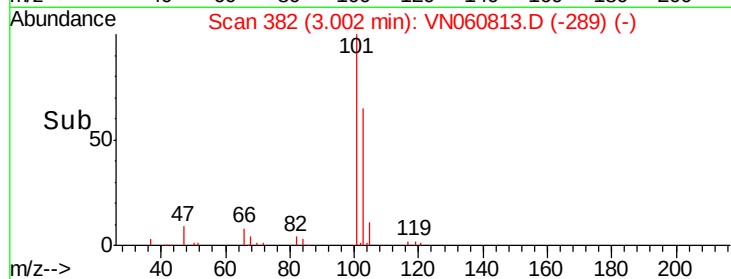
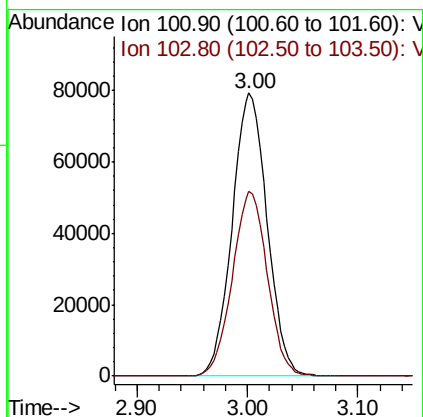
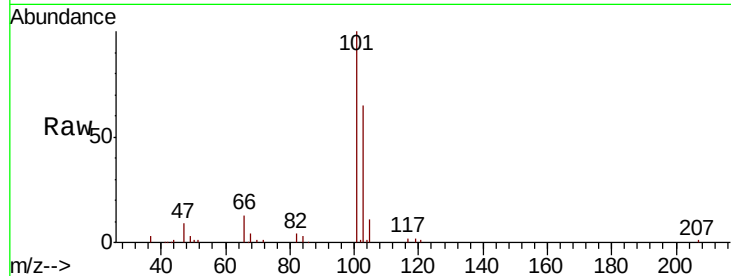


#7

Trichlorofluoromethane
 Concen: 50.072 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Instrument :
 MSVOA_N
 ClientSampled :

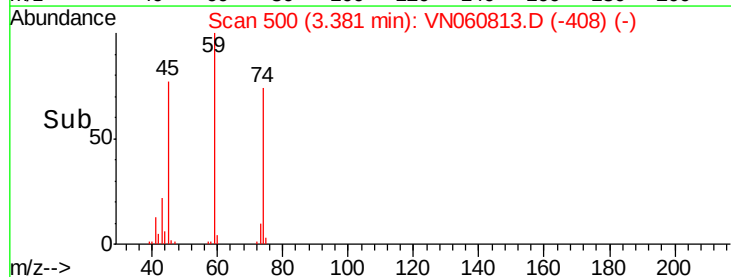
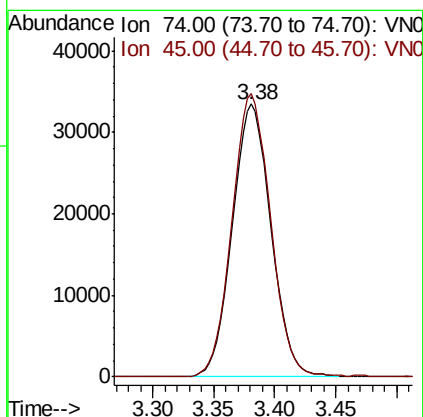
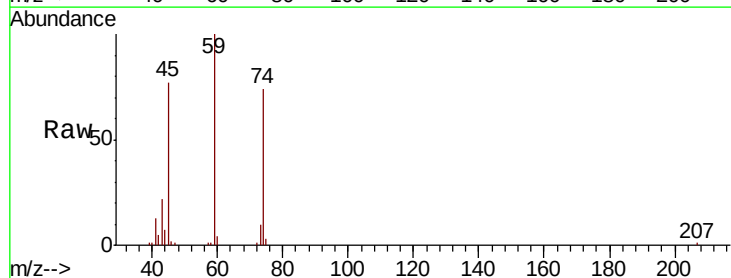
Tot Ion:101 Resp: 174305
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.6 76.0

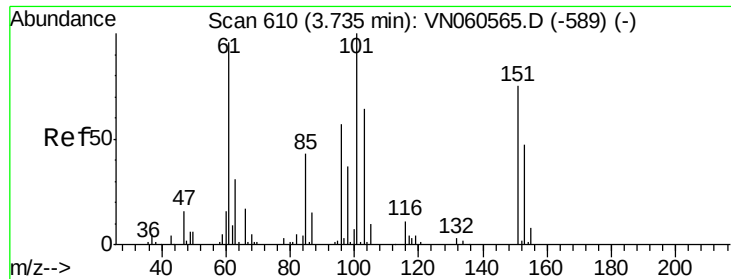


#8

Diethyl Ether
 Concen: 52.418 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion: 74 Resp: 73302
 Ion Ratio Lower Upper
 74 100
 45 104.0 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.010 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampled :

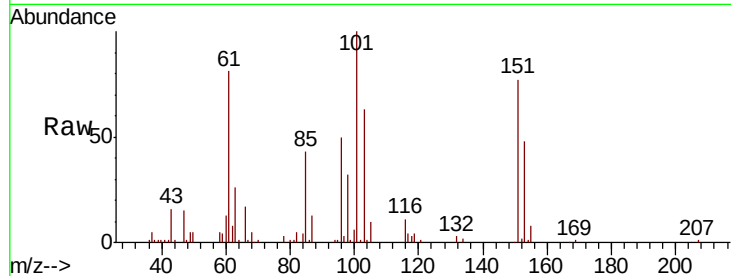
Tot Ion:101 Resp: 106925

Ion Ratio Lower Upper

101 100

85 44.2 35.6 53.4

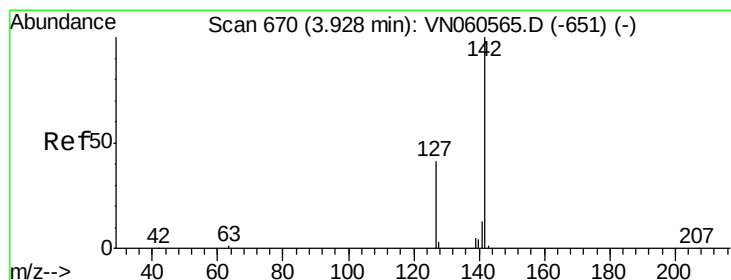
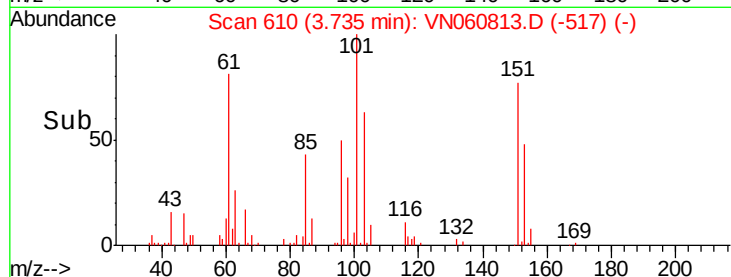
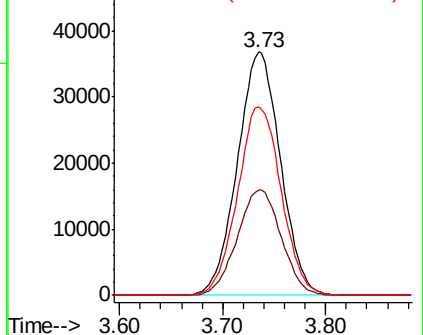
151 78.3 61.4 92.2



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: 48.091 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

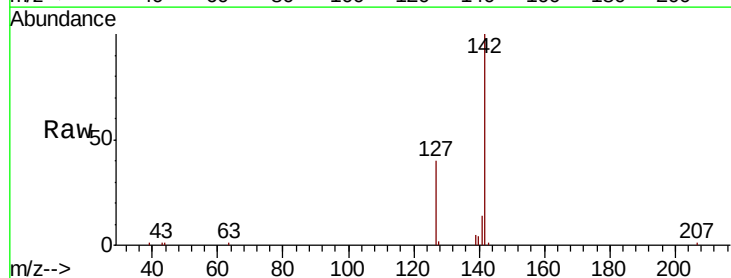
Tgt Ion:142 Resp: 86316

Ion Ratio Lower Upper

142 100

127 41.3 33.5 50.3

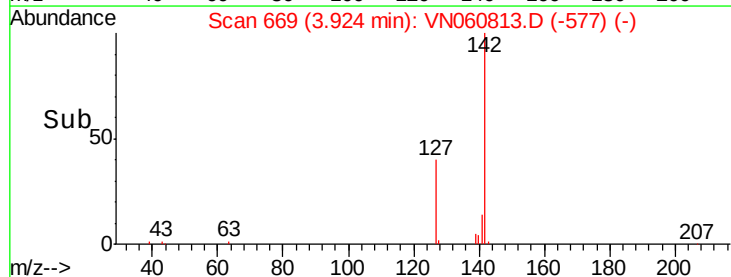
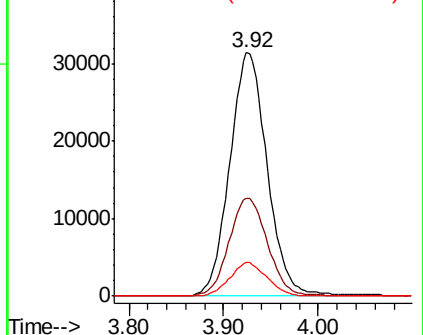
141 13.7 11.0 16.6

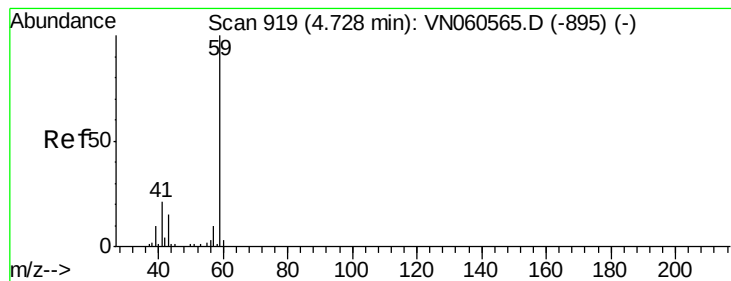


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



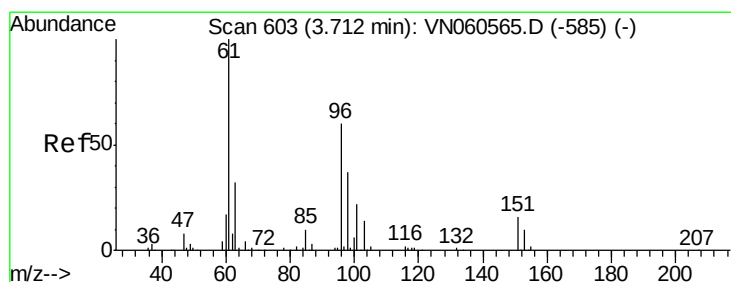
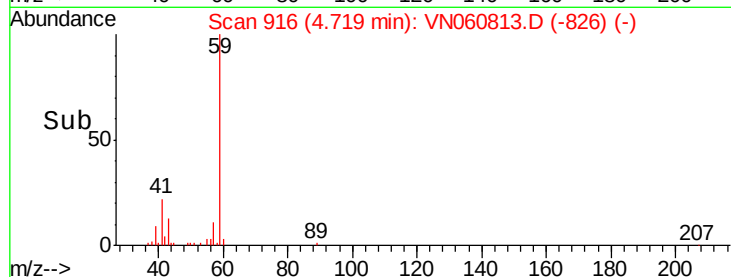
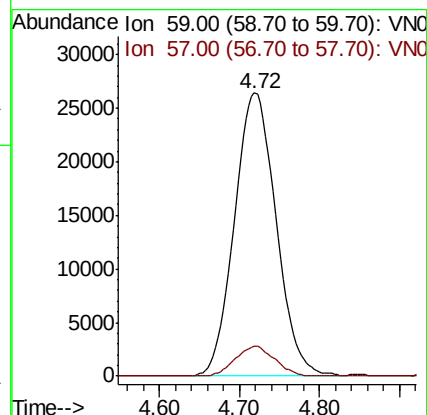
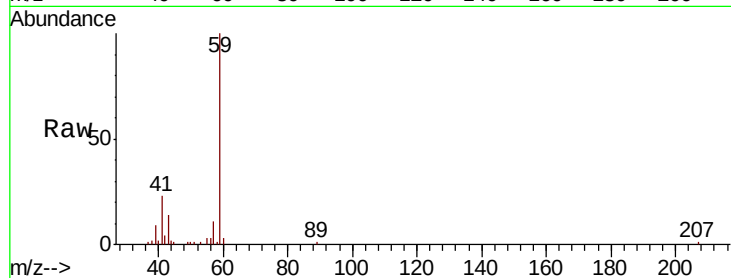


#11

Tert butyl alcohol
 Concen: 232.056 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Instrument :
 MSVOA_N
 ClientSampled :

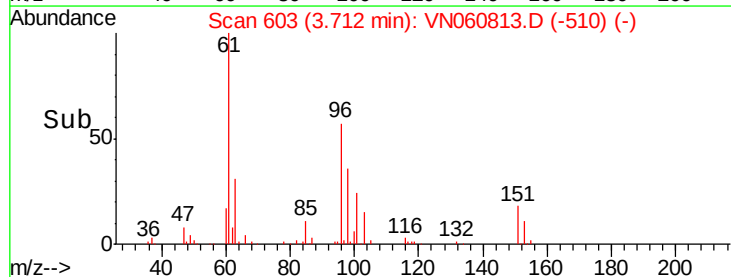
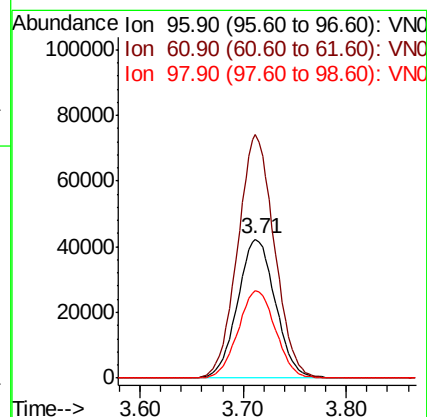
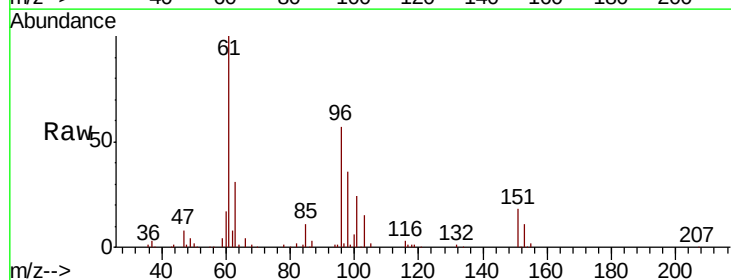
Tot Ion: 59 Resp: 93665
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

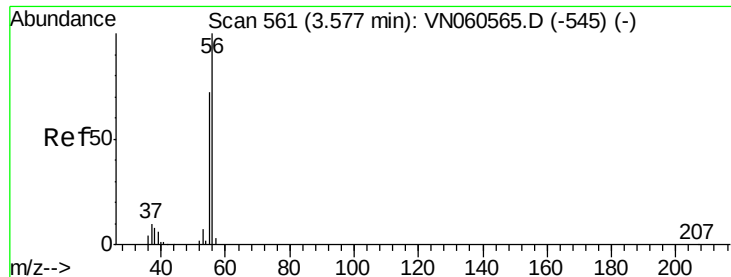


#12

1,1-Dichloroethene
 Concen: 49.674 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion: 96 Resp: 107523
 Ion Ratio Lower Upper
 96 100
 61 175.5 134.1 201.1
 98 62.9 49.9 74.9





#13

Acrolein

Concen: 260.342 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

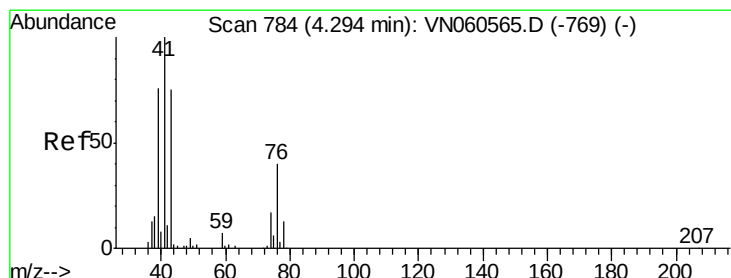
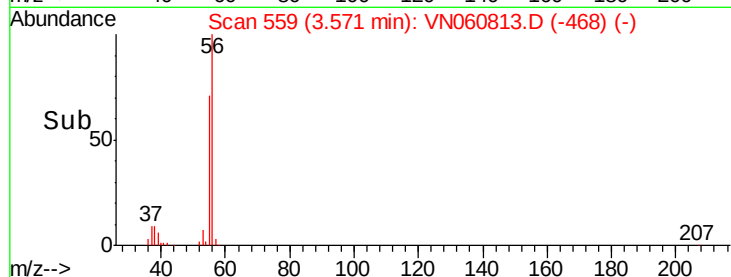
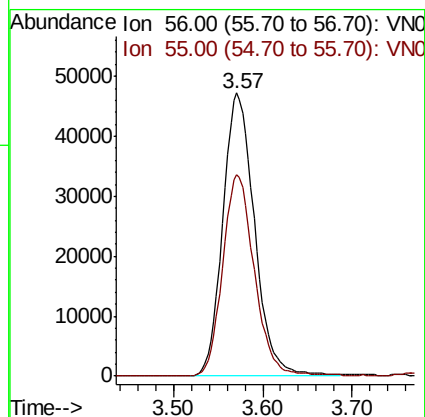
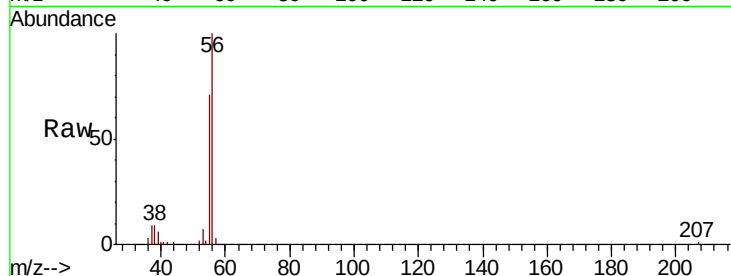
ClientSampled :

Tot Ion: 56 Resp: 116462

Ion Ratio Lower Upper

56 100

55 70.4 56.7 85.1



#14

Allyl chloride

Concen: 51.193 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

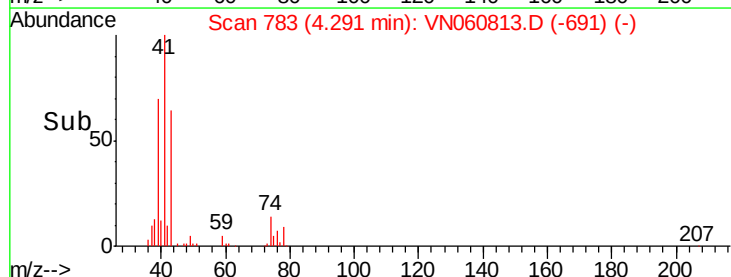
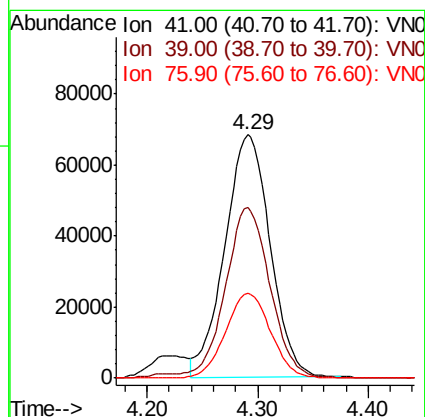
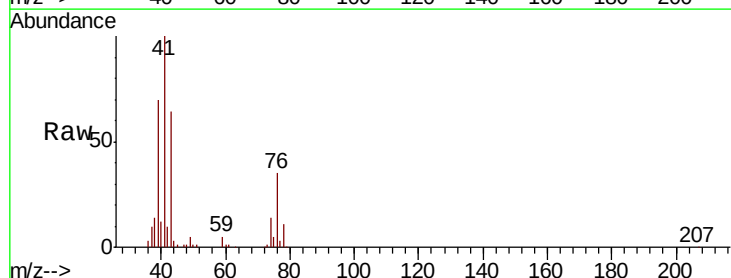
Tgt Ion: 41 Resp: 194893

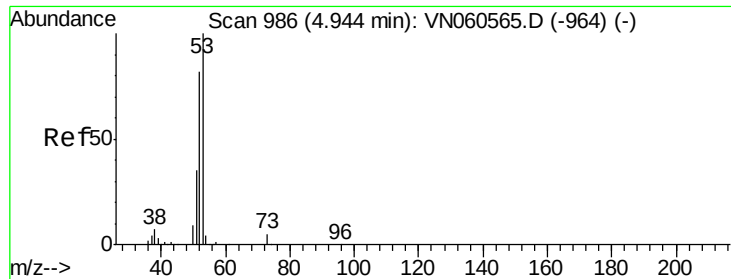
Ion Ratio Lower Upper

41 100

39 70.7 57.8 86.8

76 34.9 28.6 43.0





#15

Acrylonitrile

Concen: 254.595 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

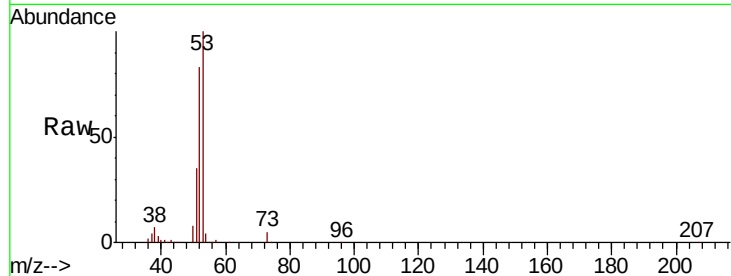
Tot Ion: 53 Resp: 302183

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

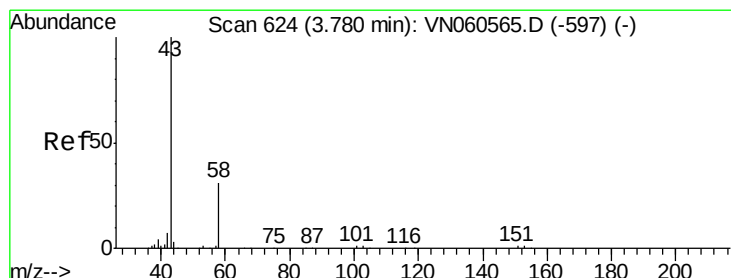
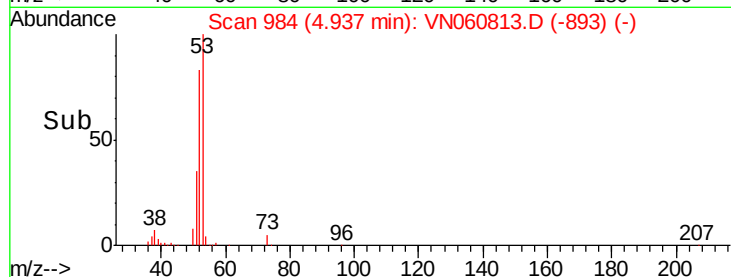
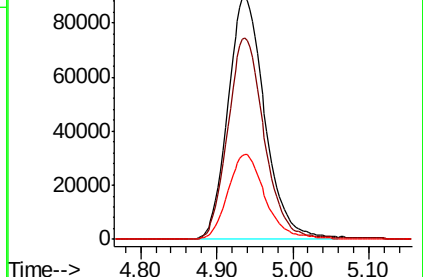
51 35.7 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN060813.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060813.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060813.D (-964) (-)



#16

Acetone

Concen: 346.927 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060813.D

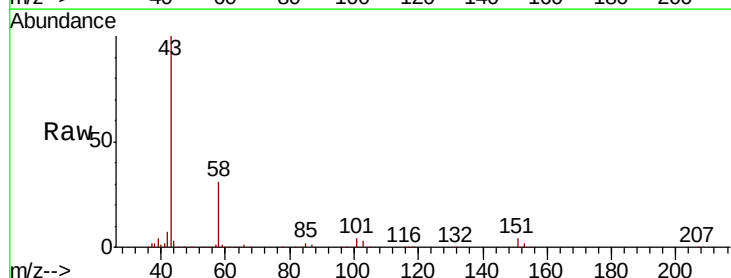
Acq: 2 Apr 2020 10:33

Tgt Ion: 43 Resp: 337270

Ion Ratio Lower Upper

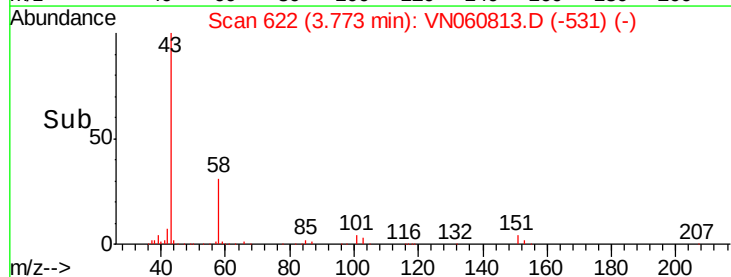
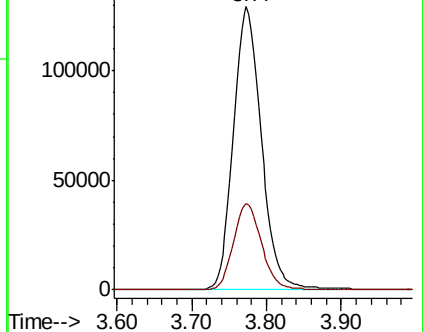
43 100

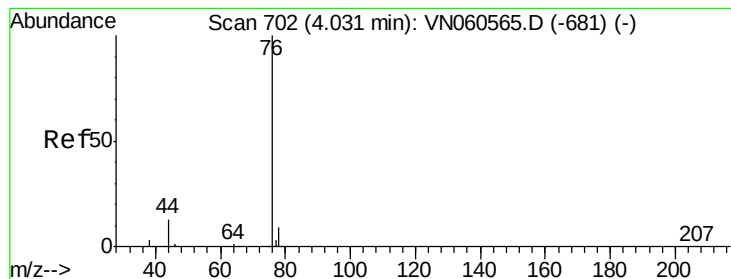
58 30.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060813.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060813.D (-531) (-)





#17

Carbon Disulfide

Concen: 46.984 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

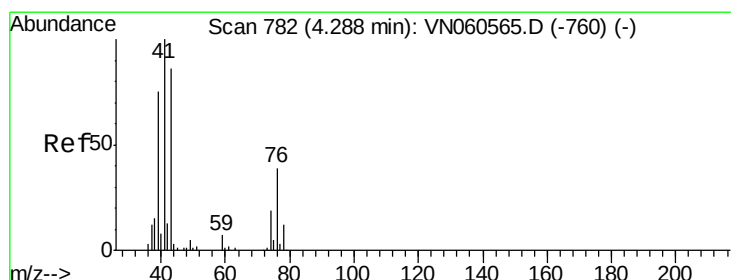
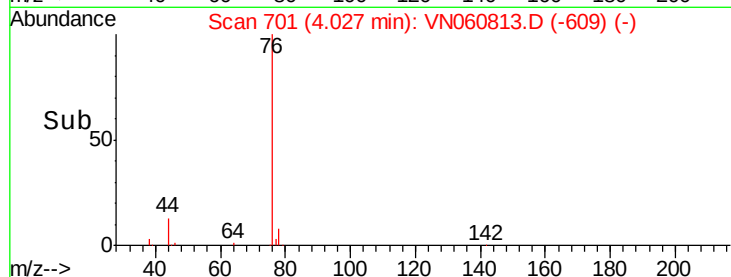
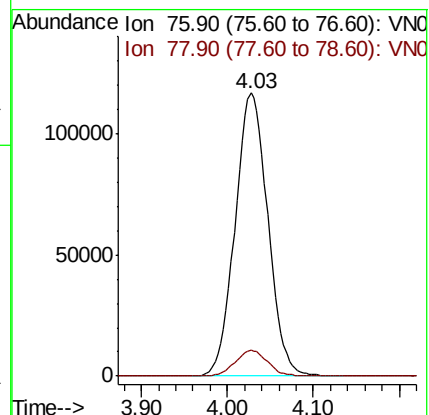
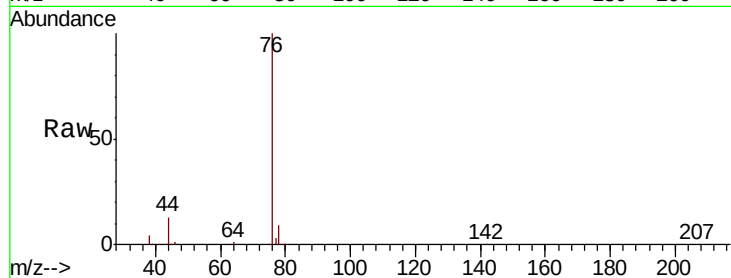
ClientSampleId :

Tot Ion: 76 Resp: 309298

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 52.122 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.01 min

Lab File: VN060813.D

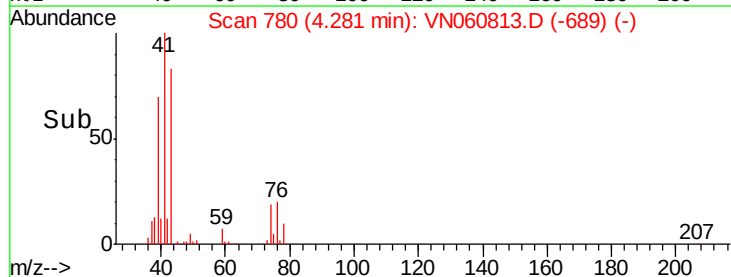
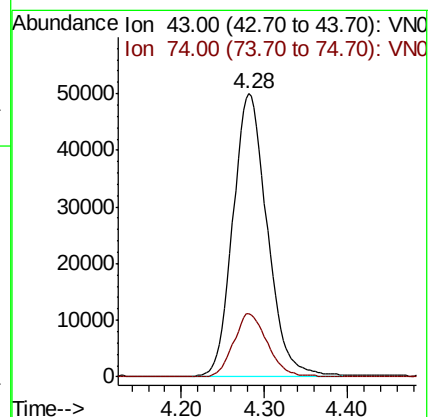
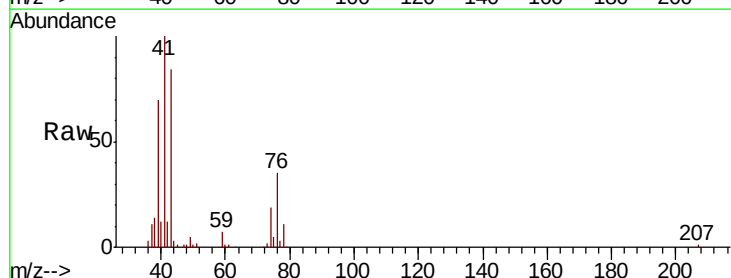
Acq: 2 Apr 2020 10:33

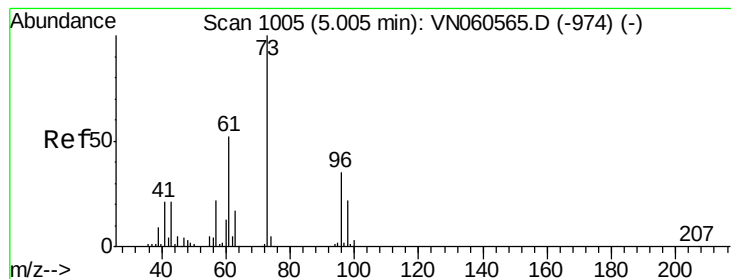
Tgt Ion: 43 Resp: 142626

Ion Ratio Lower Upper

43 100

74 22.2 17.5 26.3



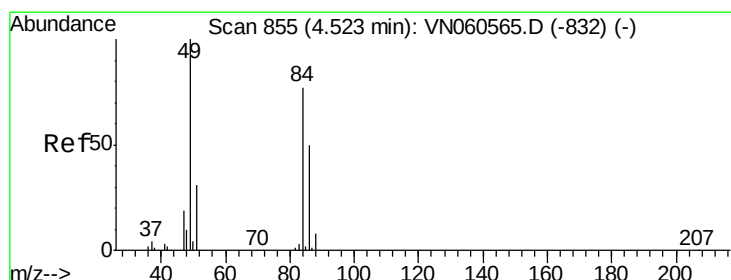
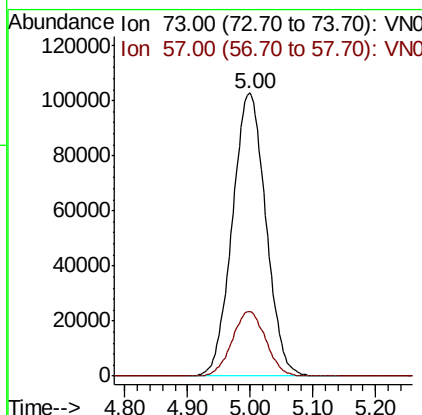
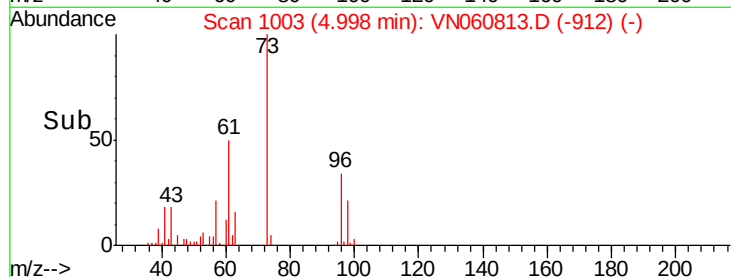
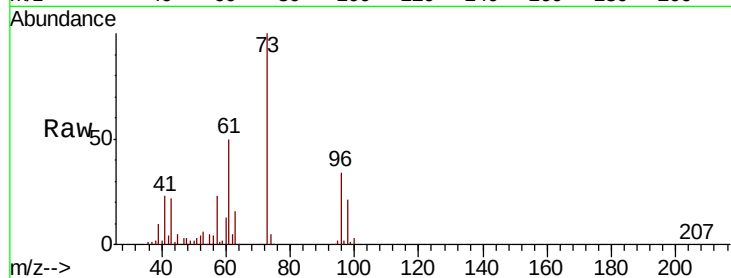


#19

Methvl tert-butvl Ether
 Concen: 51.140 ug/l
 RT: 5.00 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Instrument :
 MSVOA_N
 ClientSampled :

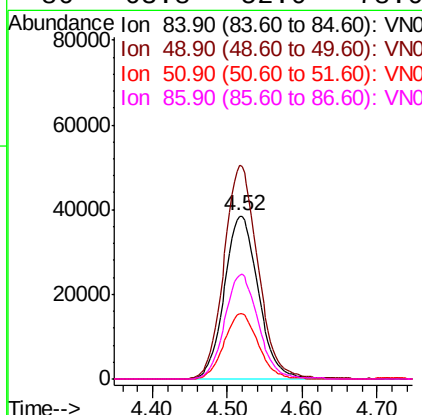
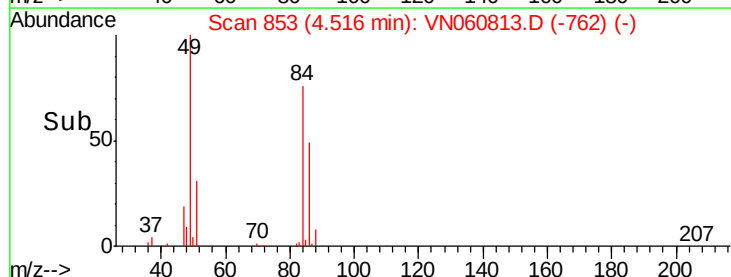
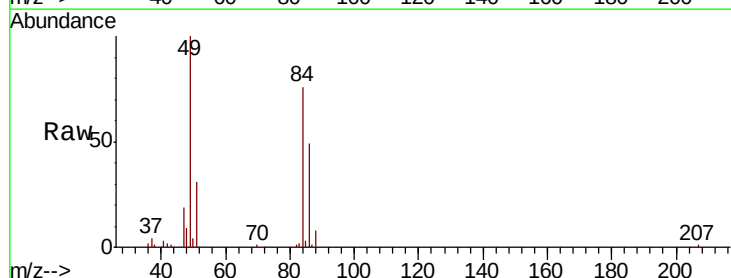
Tot Ion: 73 Resp: 380588
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.5 26.3

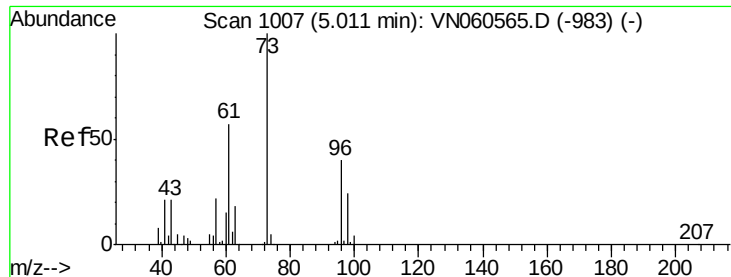


#20

Methylene Chloride
 Concen: 50.791 ug/l
 RT: 4.52 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion: 84 Resp: 121466
 Ion Ratio Lower Upper
 84 100
 49 131.0 103.3 154.9
 51 40.2 31.6 47.4
 86 63.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.272 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

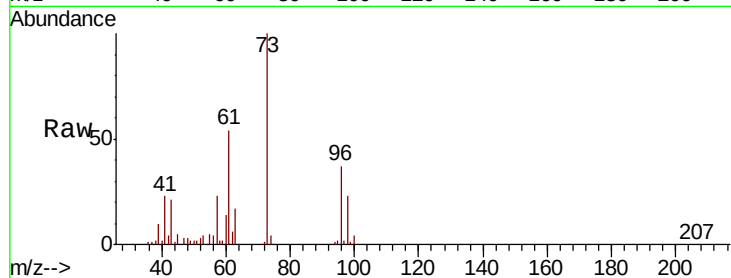
Tot Ion: 96 Resp: 115974

Ion Ratio Lower Upper

96 100

61 145.1 114.4 171.6

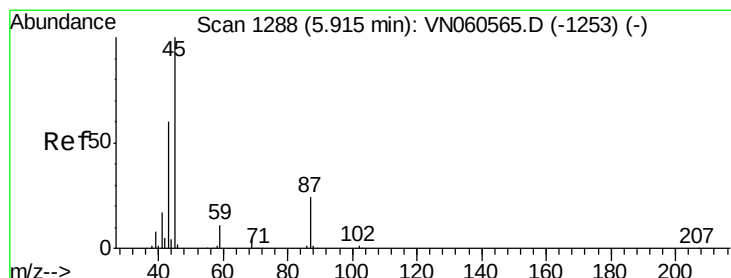
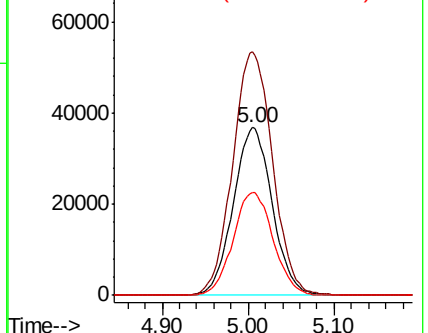
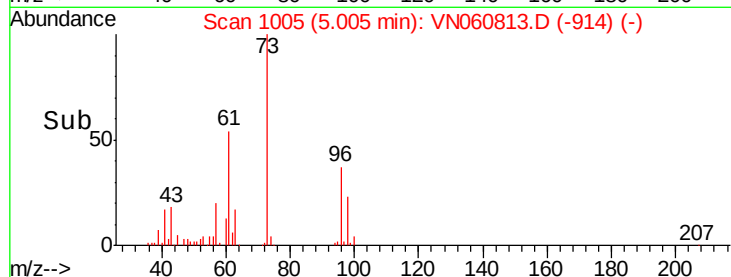
98 61.4 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060813.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN060813.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN060813.D (-914) (-)



#22

Diisopropyl ether

Concen: 54.217 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Tgt Ion: 45 Resp: 436066

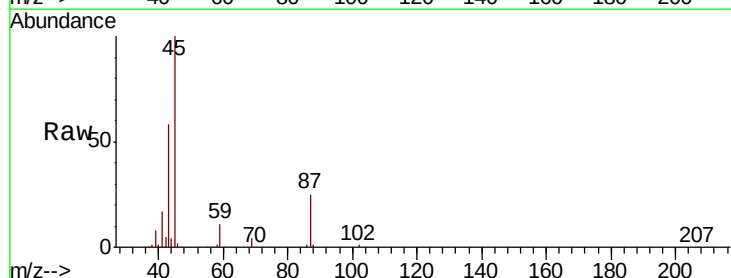
Ion Ratio Lower Upper

45 100

43 57.5 49.8 74.8

87 24.8 20.1 30.1

59 11.4 9.2 13.8

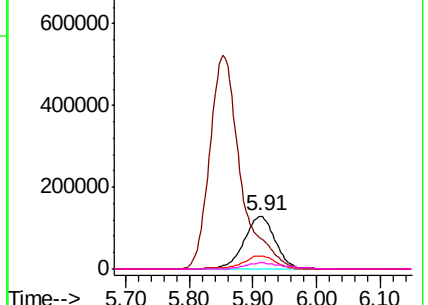
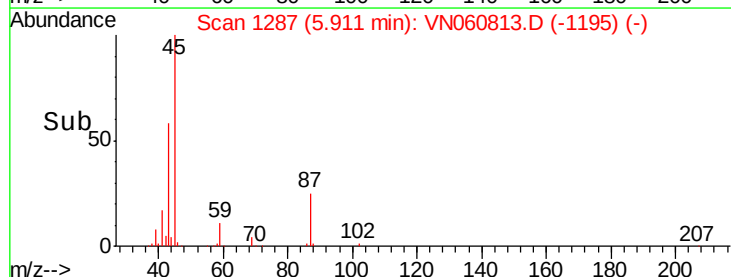


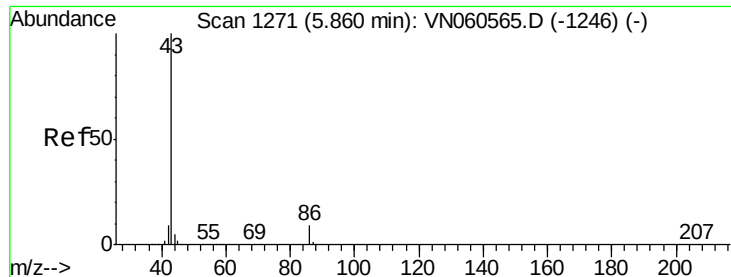
Abundance Ion 45.00 (44.70 to 45.70): VN060813.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VN060813.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060813.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060813.D (-1195) (-)

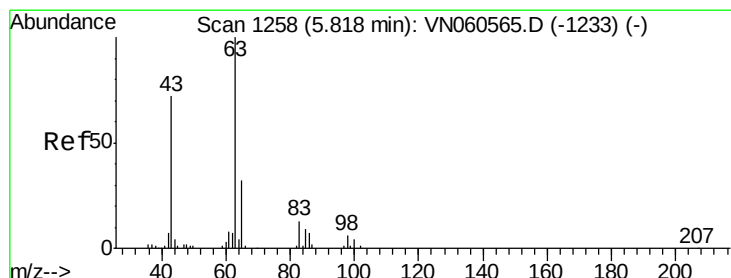
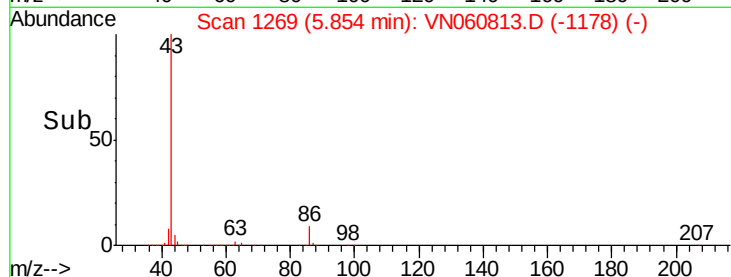
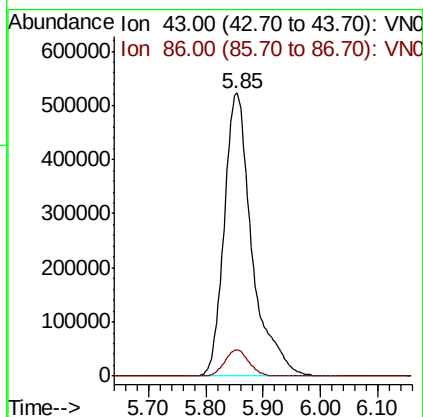
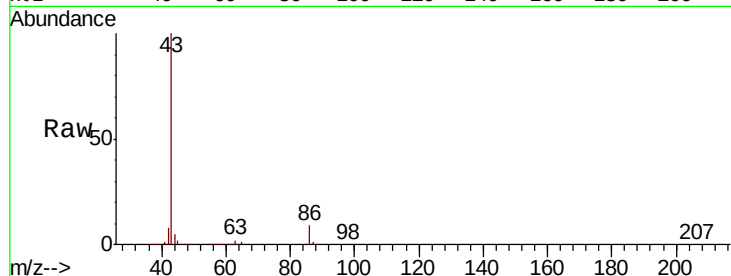




#23
 Vinyl Acetate
 Concen: 268.442 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

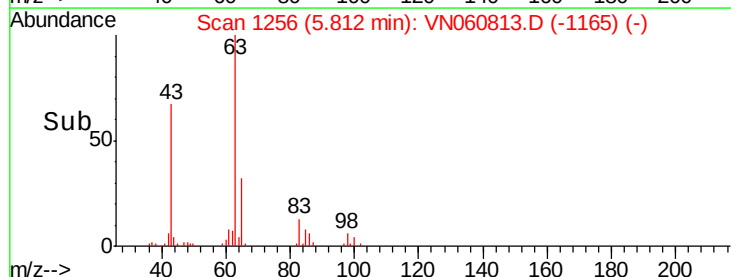
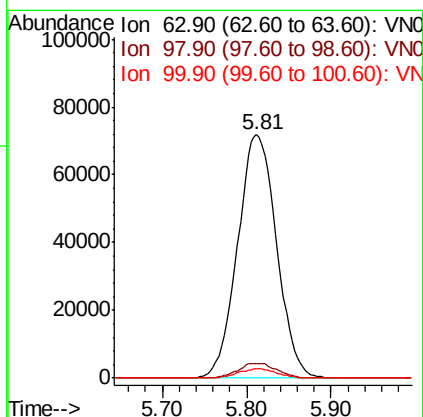
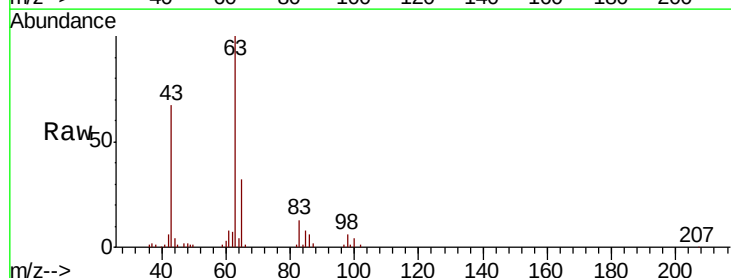
Instrument :
 MSVOA_N
 ClientSampleId :

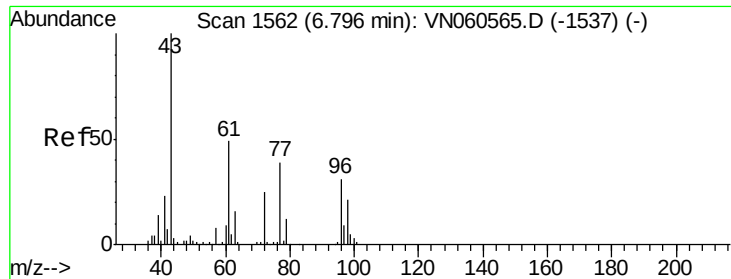
Tot Ion: 43 Resp: 1761632
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 52.610 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion: 63 Resp: 230677
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.7 1.8 5.5

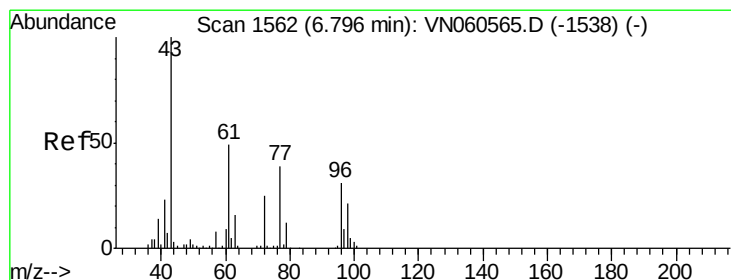
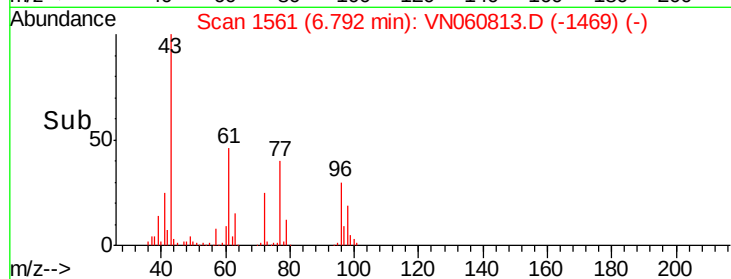
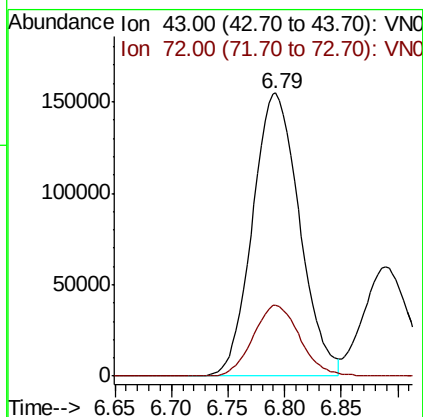
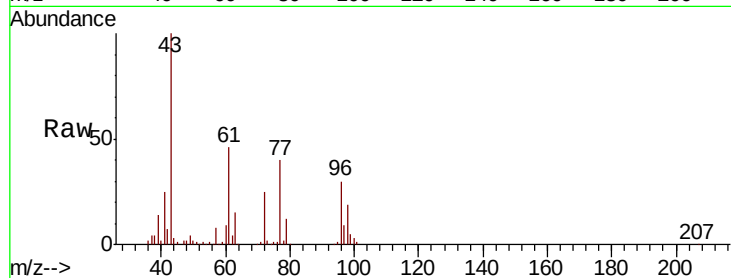




#25
2-Butanone
Concen: 283.750 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

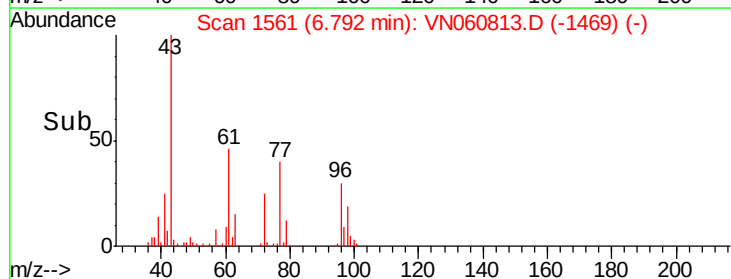
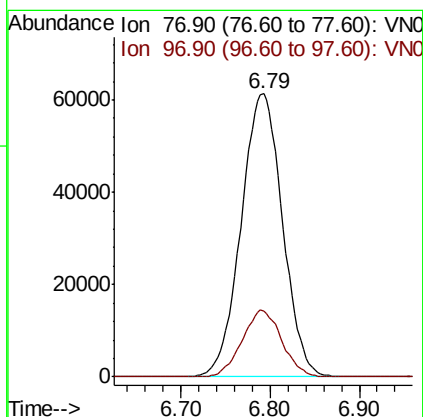
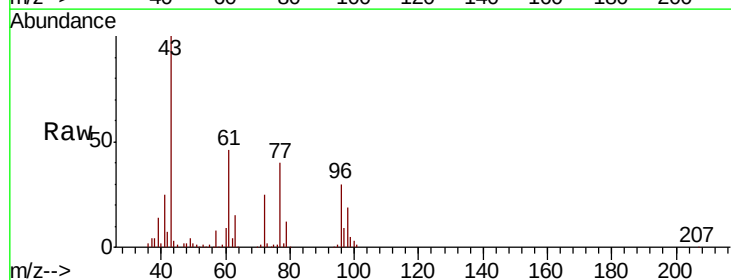
Instrument :
MSVOA_N
ClientSampleId :

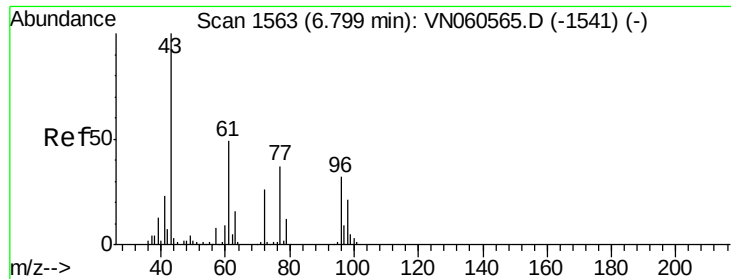
Tot Ion: 43 Resp: 446375
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 57.261 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion: 77 Resp: 197537
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.779 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

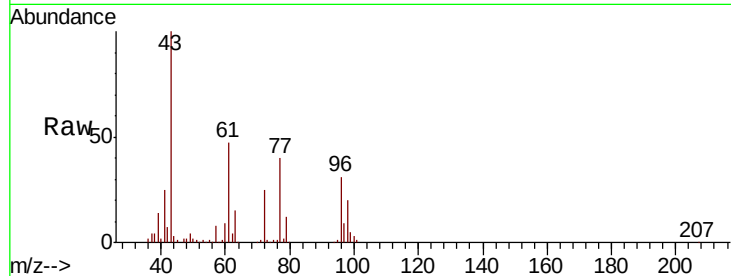
Tot Ion: 96 Resp: 135743

Ion Ratio Lower Upper

96 100

61 155.0 0.0 305.6

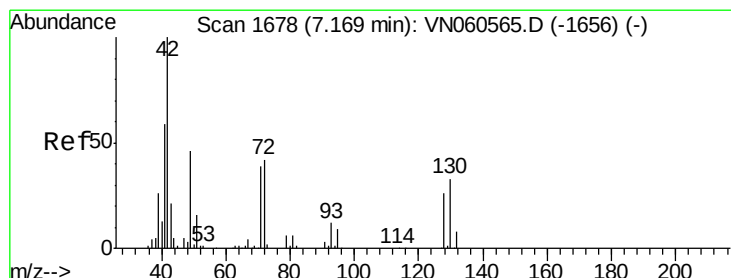
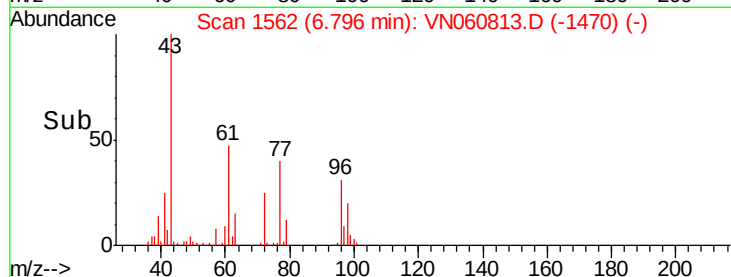
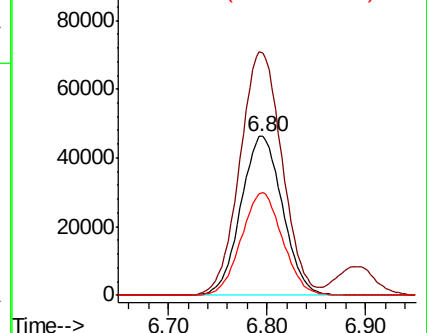
98 63.9 0.0 127.6



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: 49.216 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

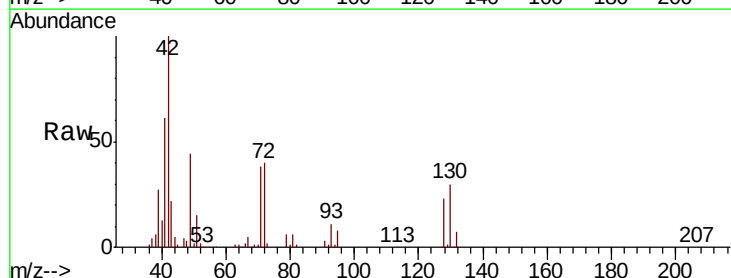
Tgt Ion: 49 Resp: 103246

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.4

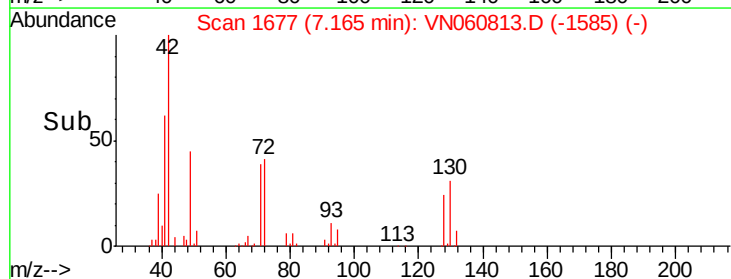
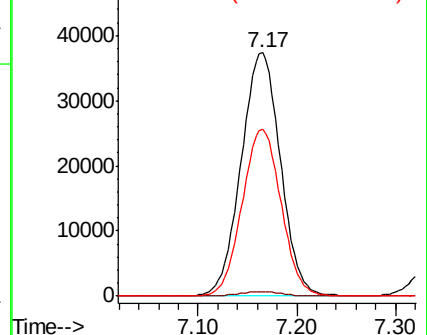
130 67.8 55.0 82.4

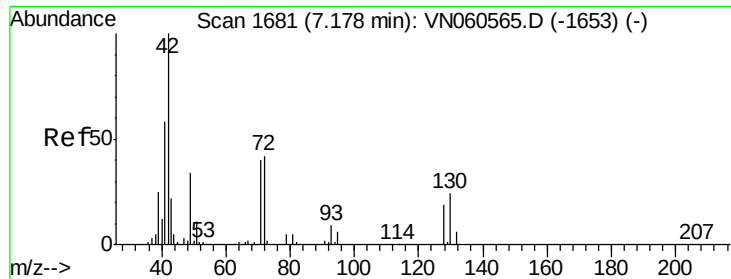


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

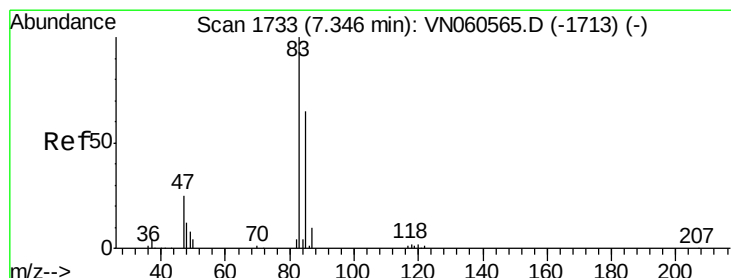
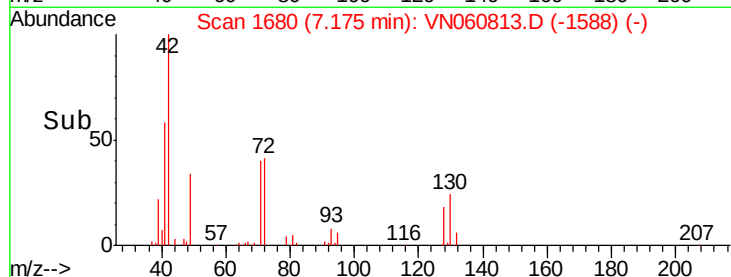
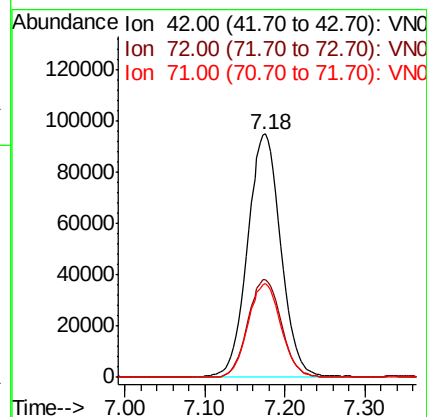
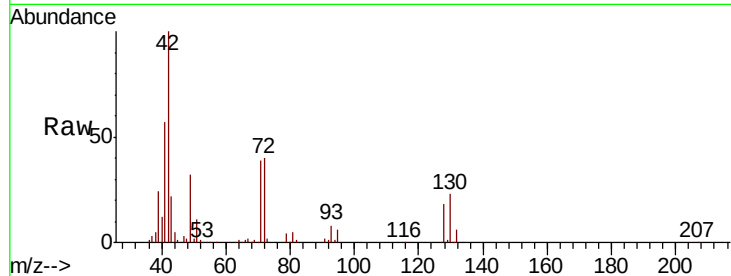




#29
Tetrahydrofuran
Concen: 241.591 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

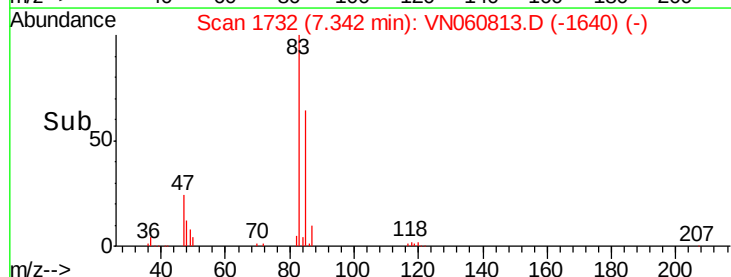
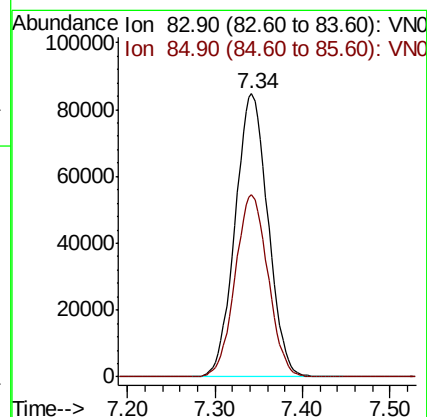
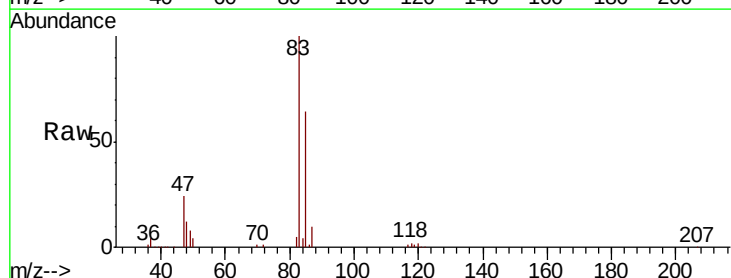
Instrument :
MSVOA_N
ClientSampled :

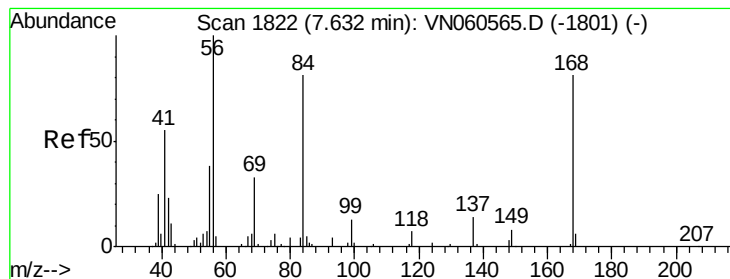
Tot Ion: 42 Resp: 268903
Ion Ratio Lower Upper
42 100
72 40.4 33.2 49.8
71 38.3 31.1 46.7



#30
Chloroform
Concen: 52.466 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion: 83 Resp: 220536
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8





#31

Cyclohexane

Concen: 48.219 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :
MSVOA_N
ClientSampled :

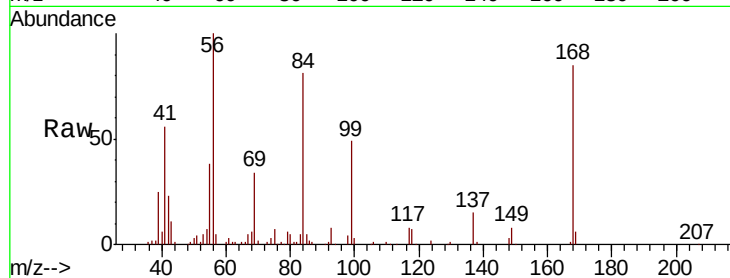
Tot Ion: 56 Resp: 213144

Ion Ratio Lower Upper

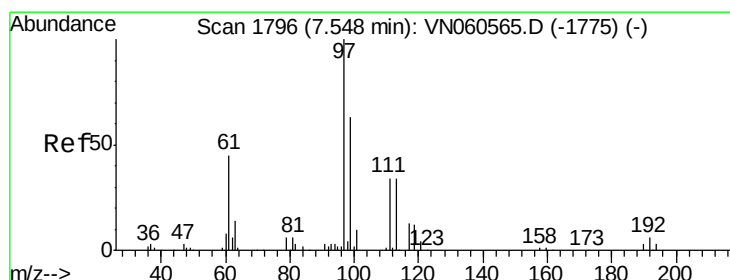
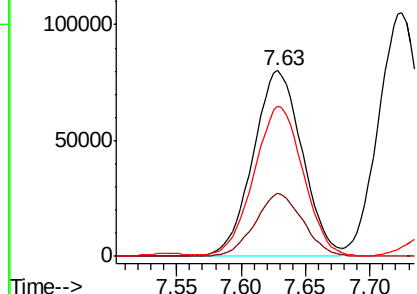
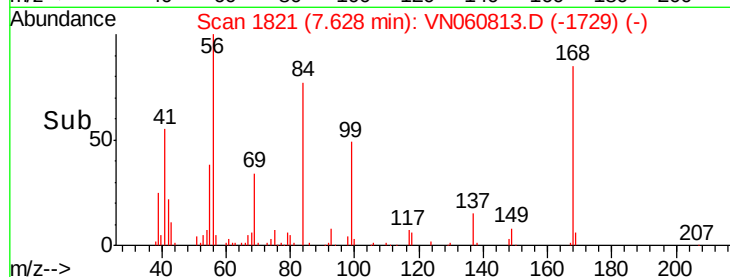
56 100

69 33.7 26.6 40.0

84 80.2 64.3 96.5



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



#32

1,1,1-Trichloroethane

Concen: 51.821 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

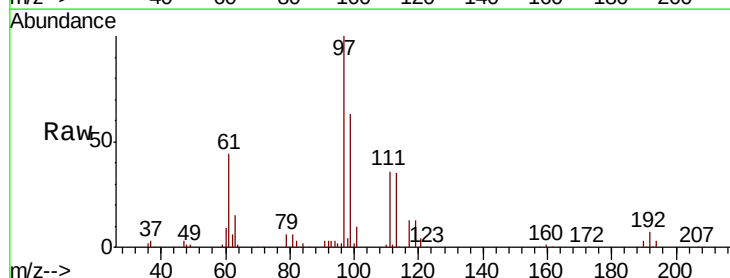
Tgt Ion: 97 Resp: 187779

Ion Ratio Lower Upper

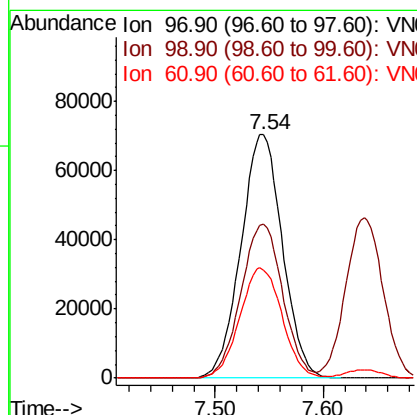
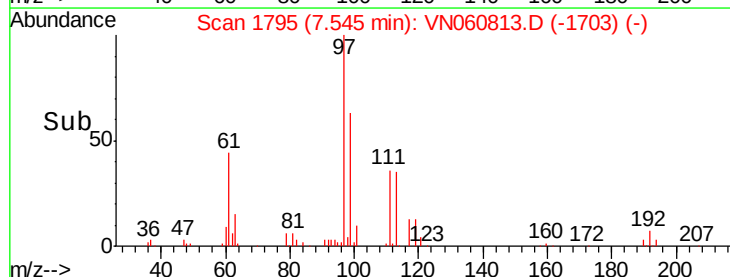
97 100

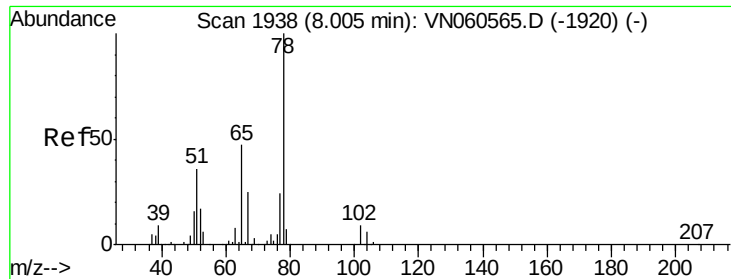
99 63.7 50.6 75.8

61 46.0 36.2 54.4



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

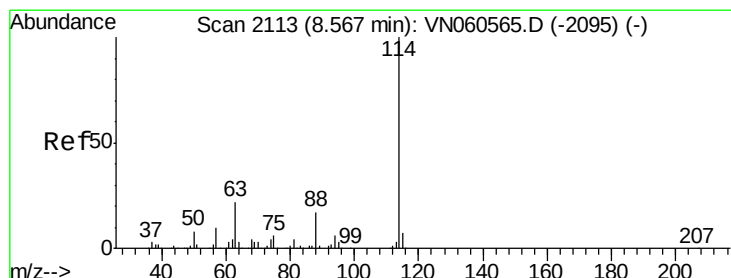
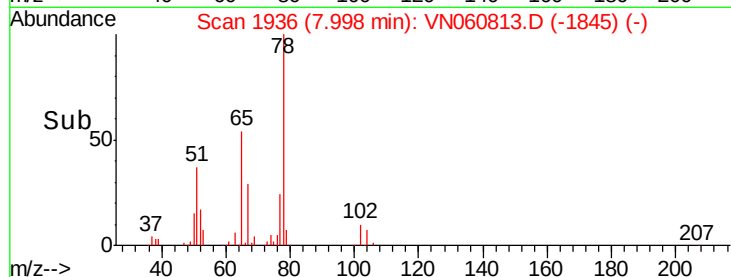
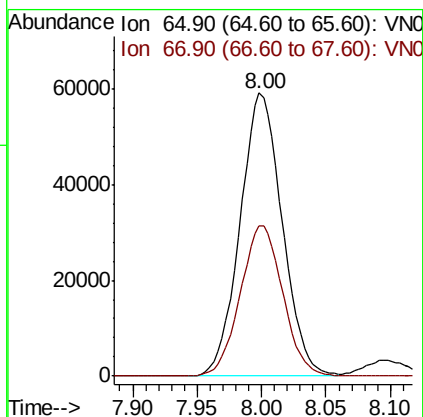
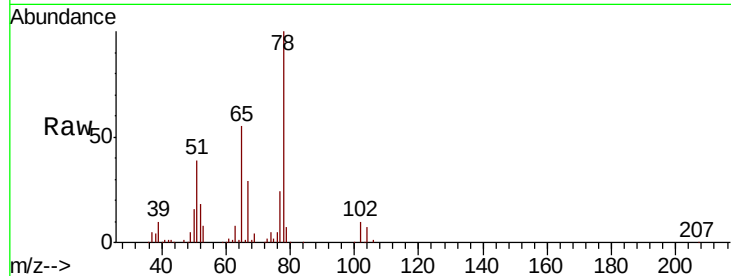




#33
 1,2-Dichloroethane-d4
 Concen: 48.966 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

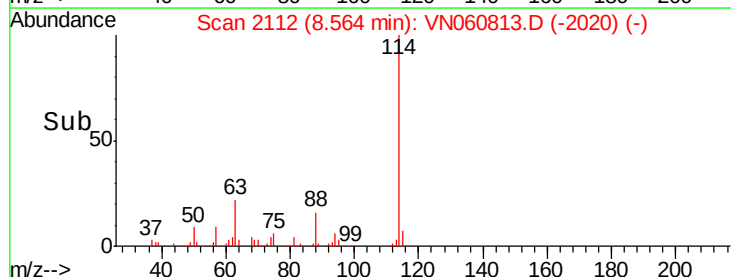
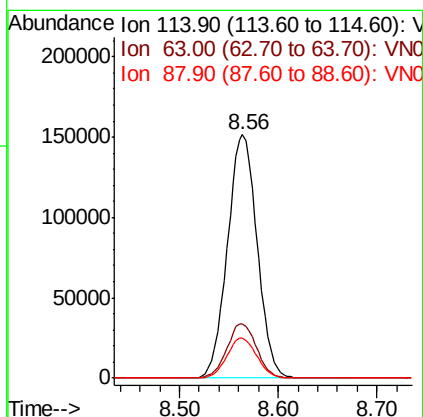
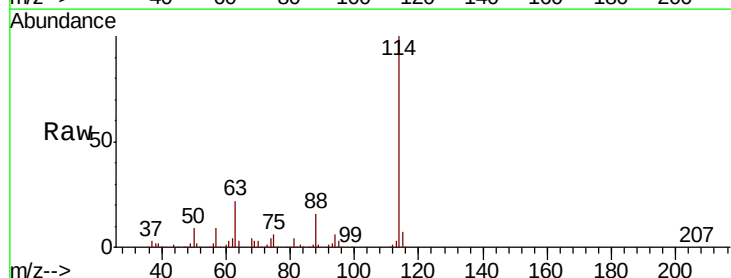
Instrument :
 MSVOA_N
 ClientSampleId :

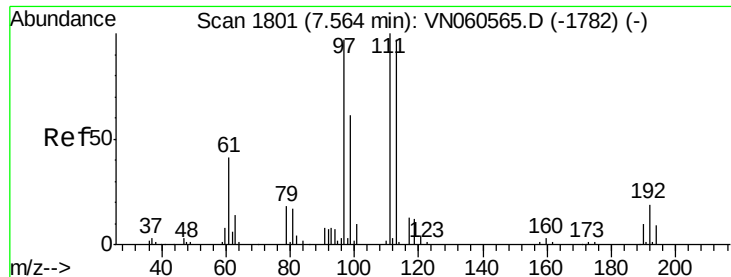
Tot Ion: 65 Resp: 134388
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion: 114 Resp: 318930
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 16.4 0.0 33.0

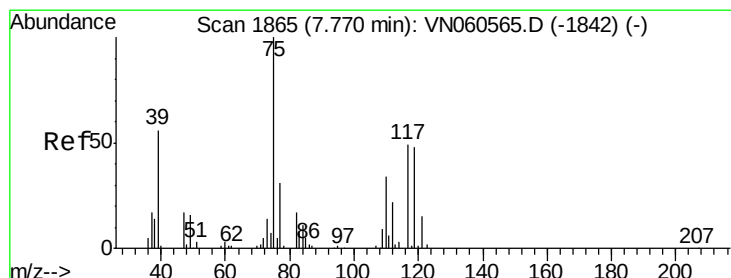
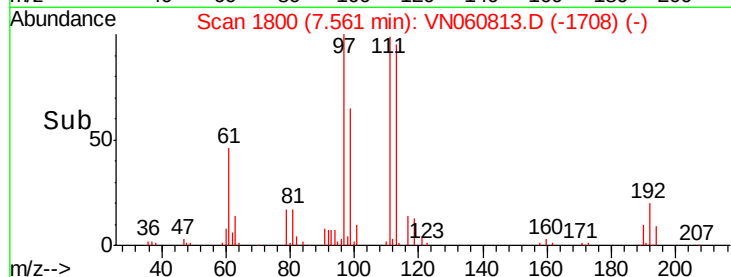
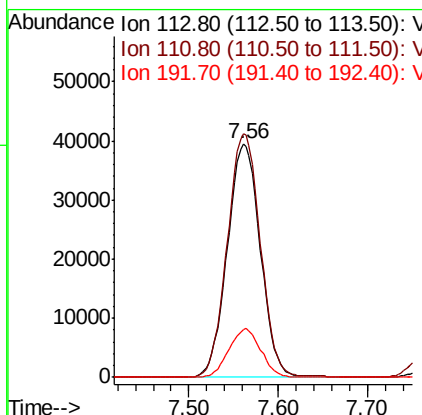
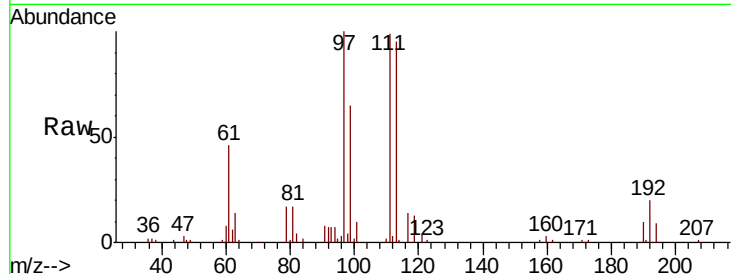




#35
 Dibromofluoromethane
 Concen: 52.620 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

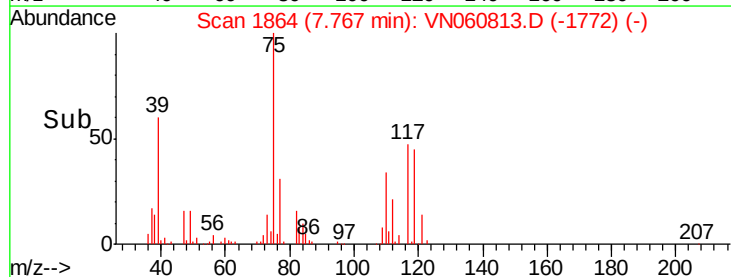
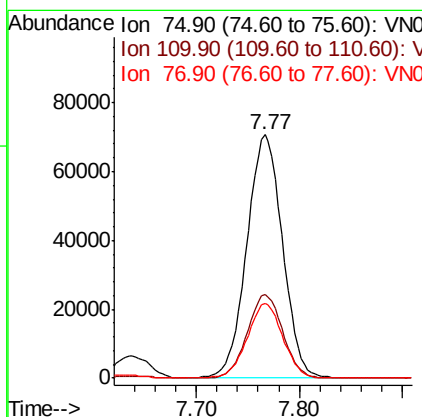
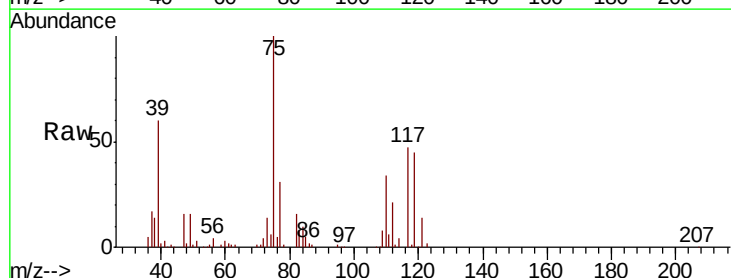
Instrument :
 MSVOA_N
 ClientSampled :

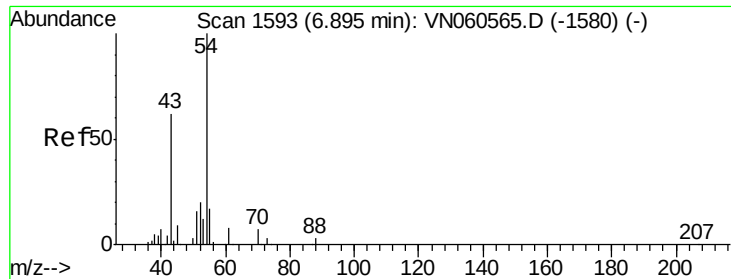
Tot Ion:113 Resp: 101477
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.9 124.3
 192 20.0 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 55.128 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion: 75 Resp: 170248
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 30.6 24.6 36.8

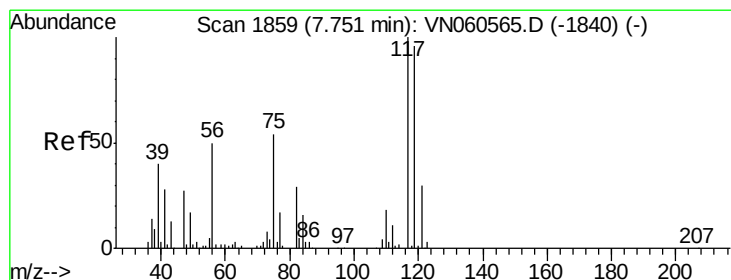
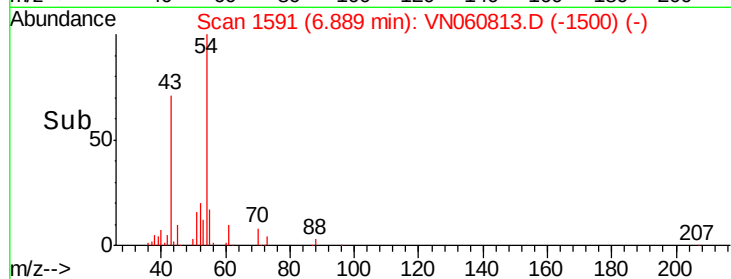
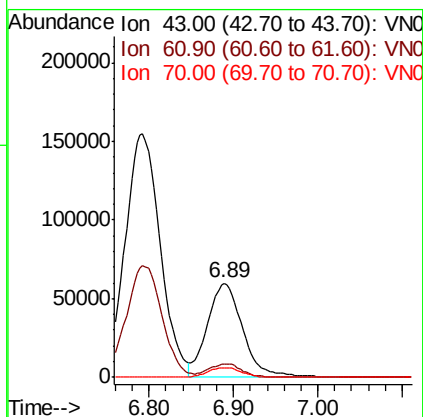
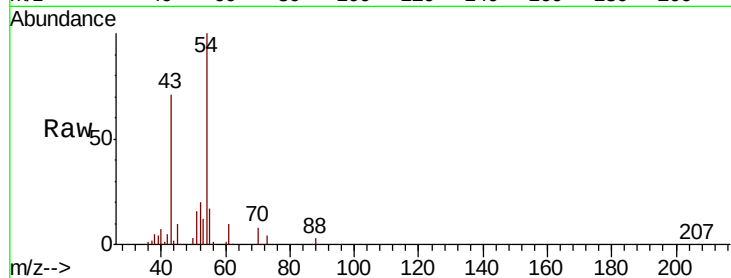




#37
Ethyl Acetate
Concen: 51.680 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

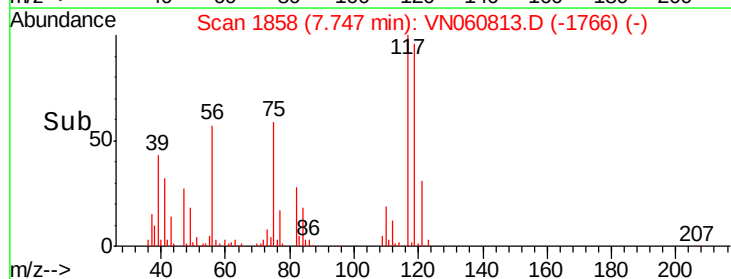
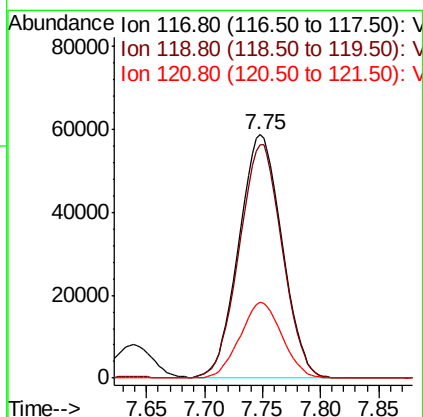
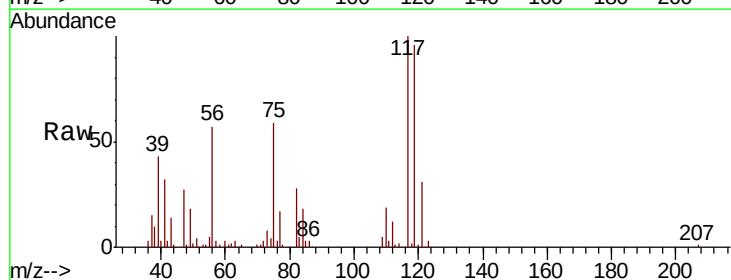
Instrument :
MSVOA_N
ClientSampleId :

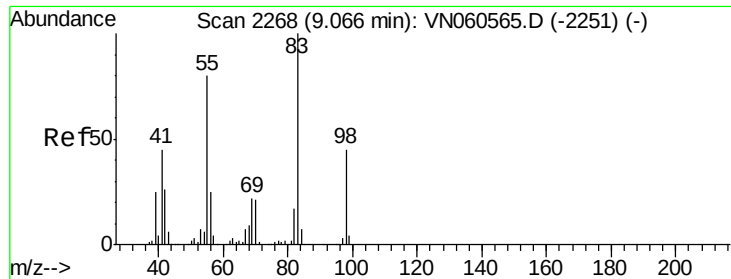
Tot Ion: 43 Resp: 172451
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 10.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 54.963 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion: 117 Resp: 152128
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2
121 31.1 23.7 35.5

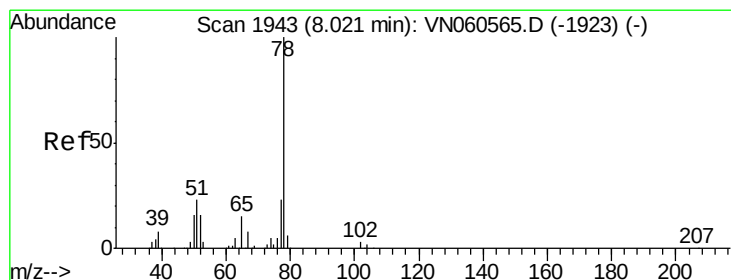
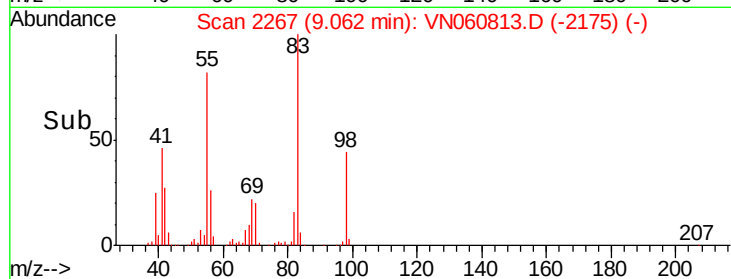
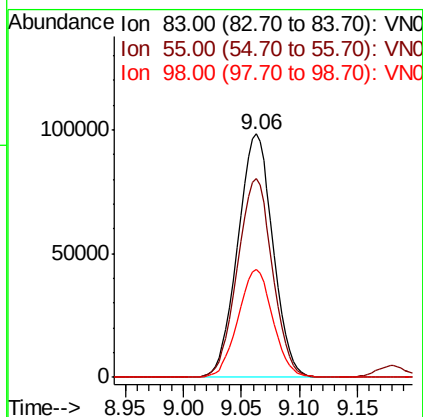
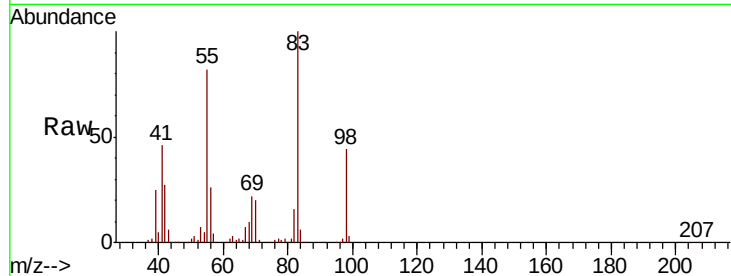




#39
Methylvlcyclohexane
Concen: 56.366 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

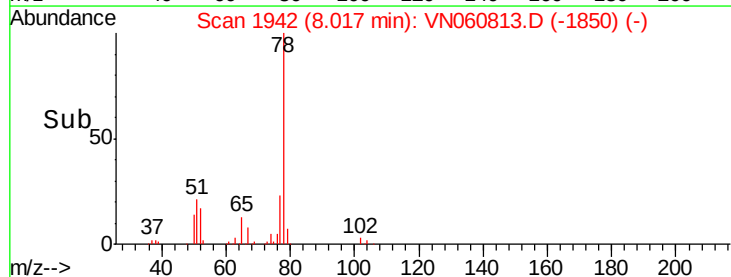
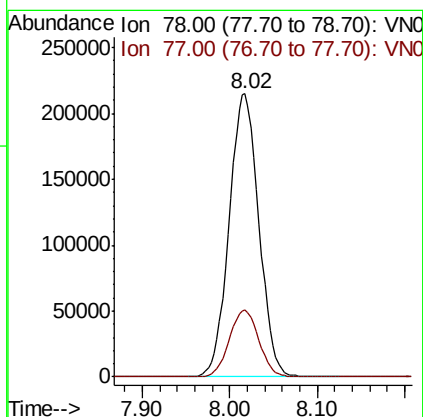
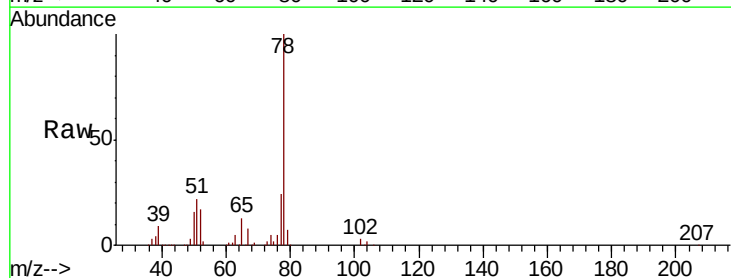
Instrument :
MSVOA_N
ClientSampled :

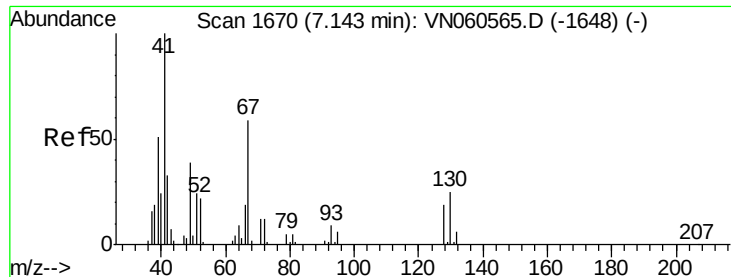
Tot Ion	83.00	Resp	206863
Ion	Ratio	Lower	Upper
83	100		
55	81.9	63.6	95.4
98	44.4	36.0	54.0



#40
Benzene
Concen: 54.231 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion	78.00	Resp	505576
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0

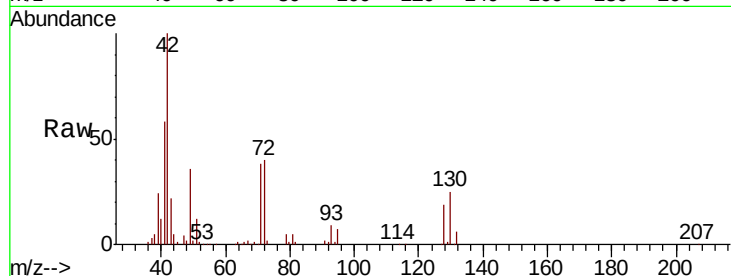




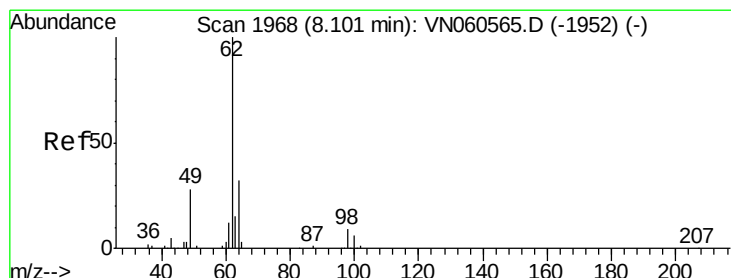
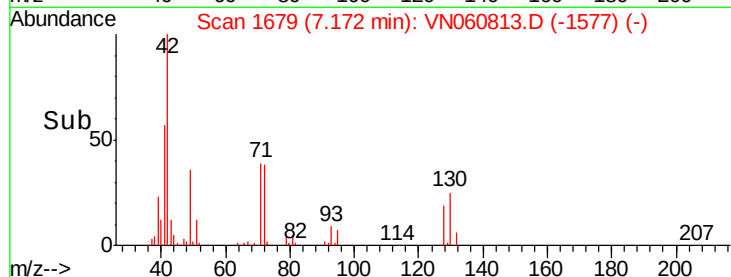
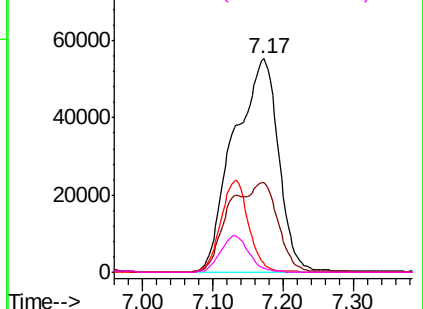
#41
Methacrylonitrile
Concen: 171.975 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	244908
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

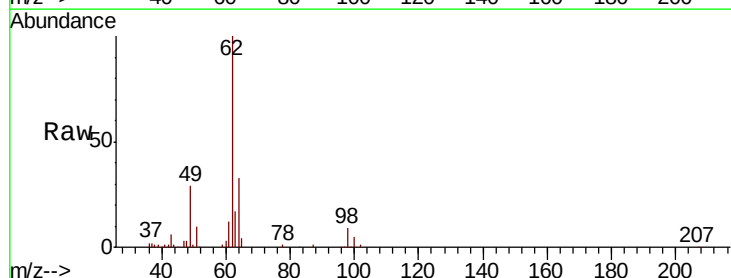


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

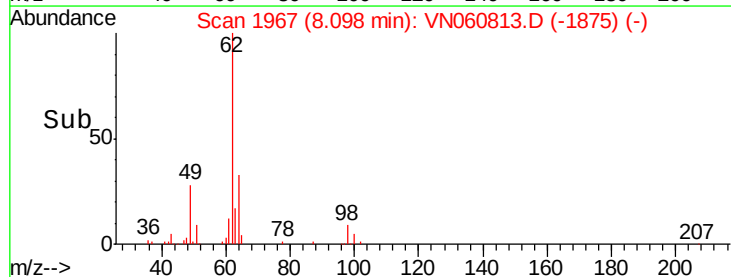
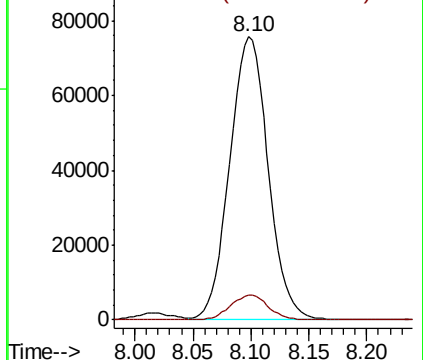


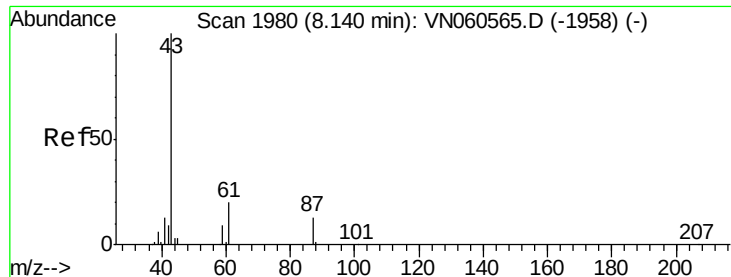
#42
1,2-Dichloroethane
Concen: 54.472 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion:	62	Resp:	173549
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 53.550 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampled :

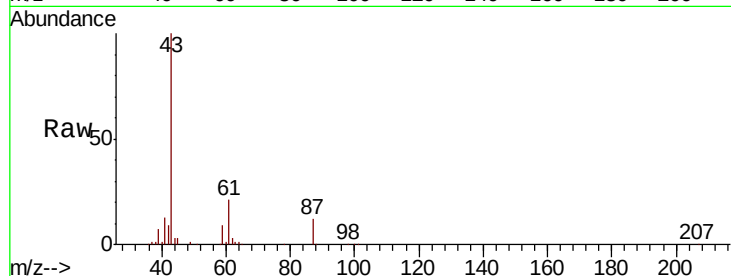
Tot Ion: 43 Resp: 294697

Ion Ratio Lower Upper

43 100

61 26.2 20.7 31.1

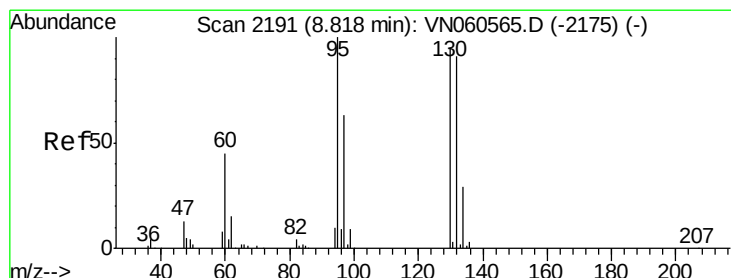
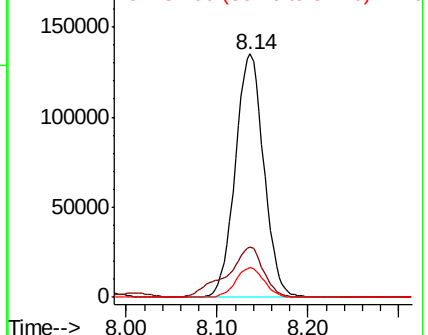
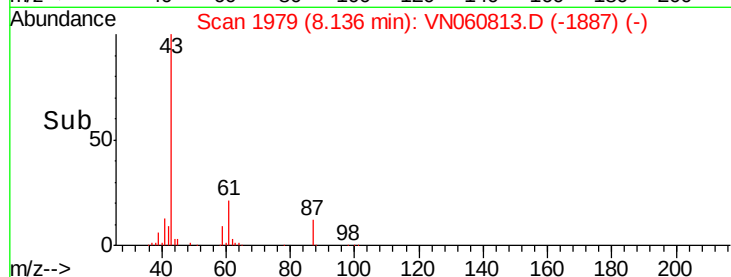
87 12.1 9.8 14.8



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: 54.712 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060813.D

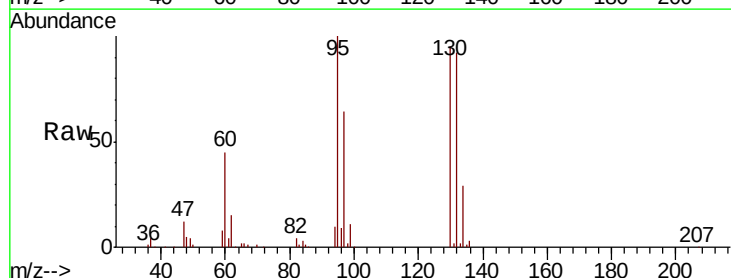
Acq: 2 Apr 2020 10:33

Tgt Ion:130 Resp: 128581

Ion Ratio Lower Upper

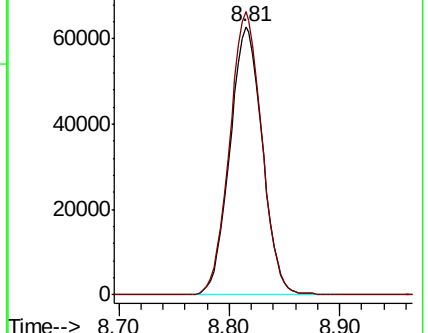
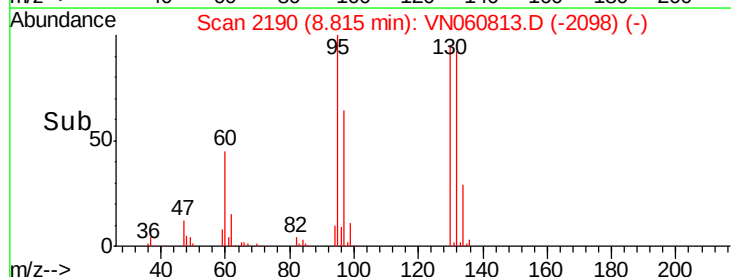
130 100

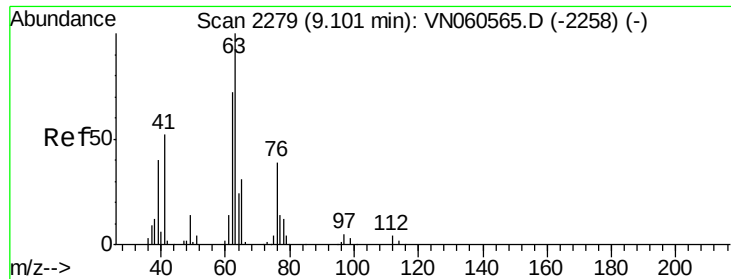
95 105.5 0.0 211.2



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

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

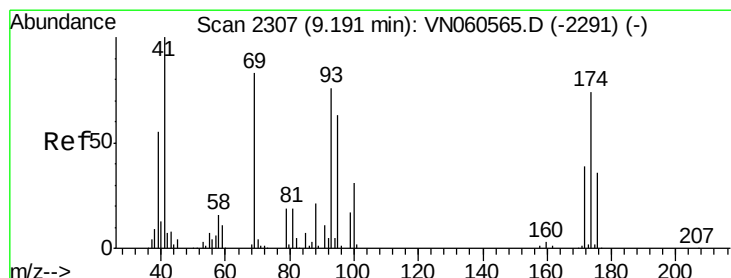
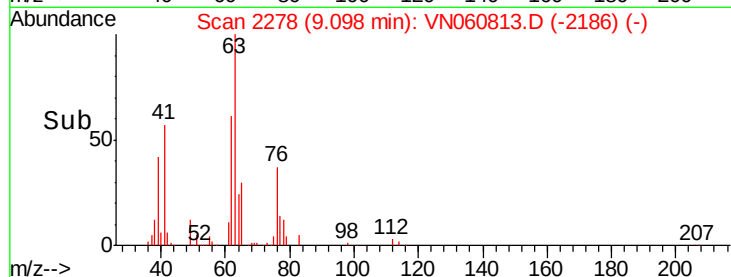
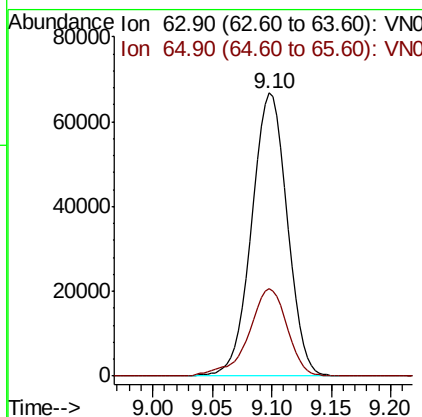
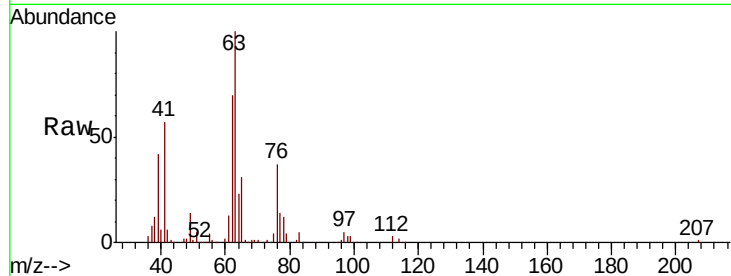




#45
 1,2-Dichloropropane
 Concen: 56.293 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

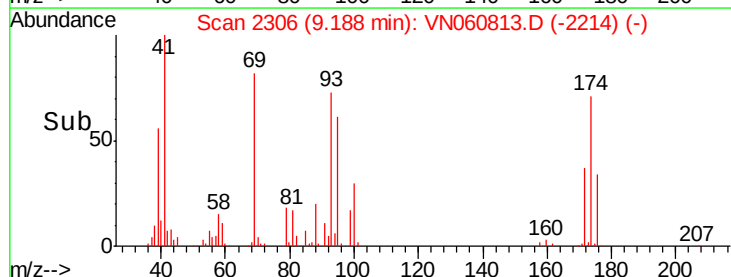
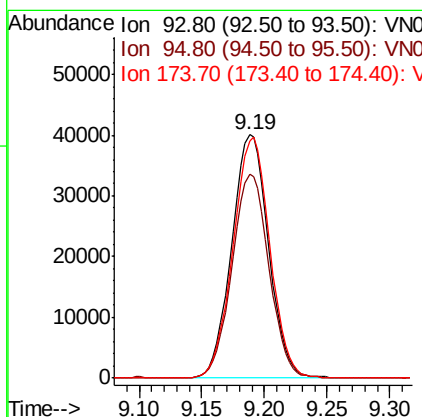
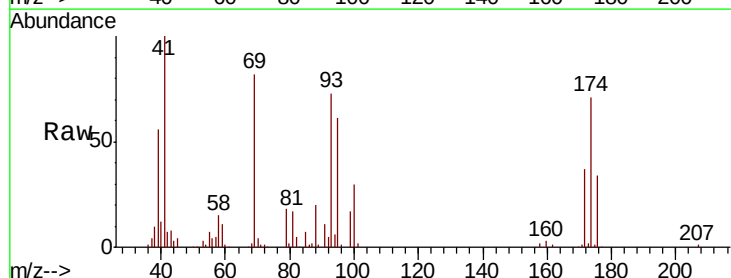
Instrument :
 MSVOA_N
 ClientSampleId :

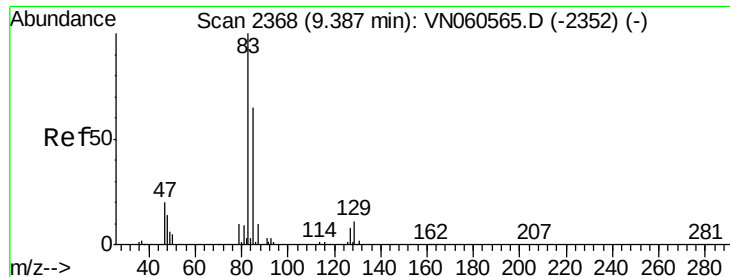
Tot Ion: 63 Resp: 138476
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.4 38.0



#46
 Dibromomethane
 Concen: 55.171 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion: 93 Resp: 82049
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.4
 174 98.3 77.9 116.9





#47

Bromodichloromethane

Concen: 56.042 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

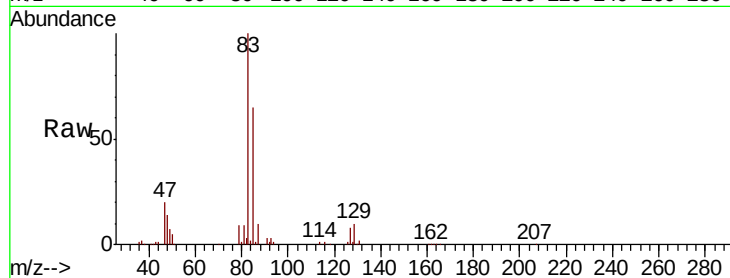
Tot Ion: 83 Resp: 173189

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.6

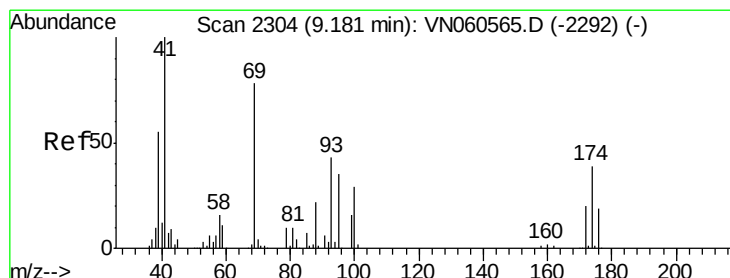
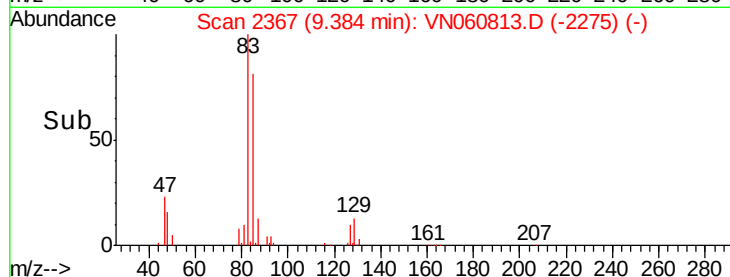
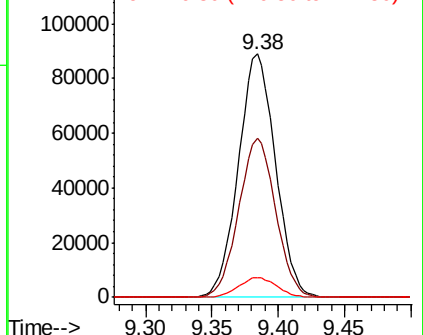
127 8.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060813.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060813.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060813.D (-2275) (-)



#48

Methyl methacrylate

Concen: 53.378 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

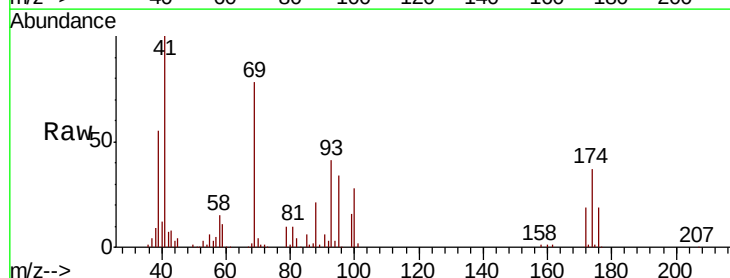
Tgt Ion: 41 Resp: 130786

Ion Ratio Lower Upper

41 100

69 82.7 65.4 98.0

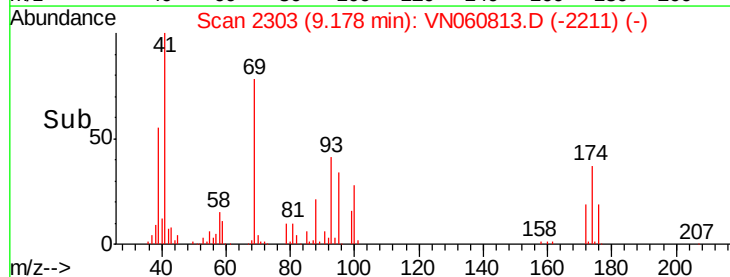
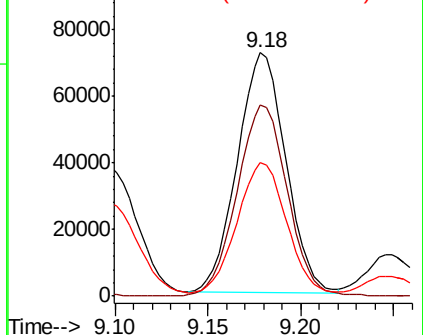
39 54.9 44.0 66.0

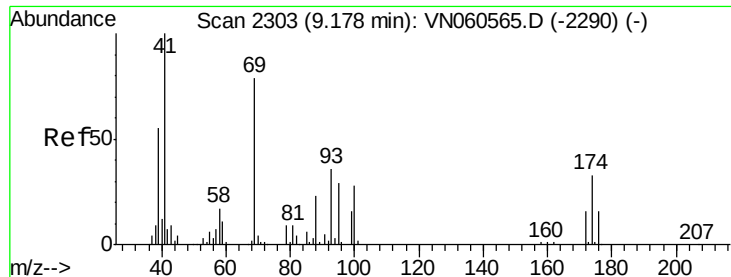


Abundance Ion 41.00 (40.70 to 41.70): VN060813.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060813.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060813.D (-2211) (-)

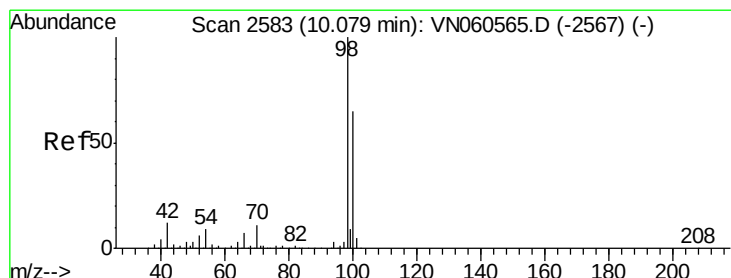
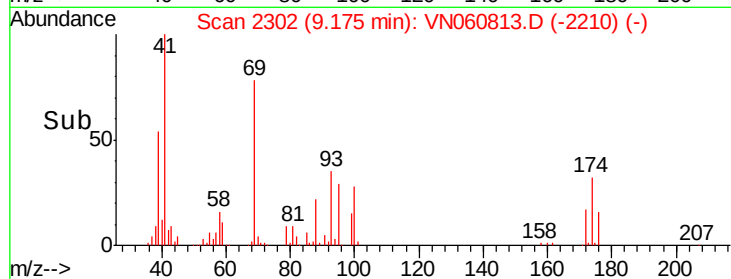
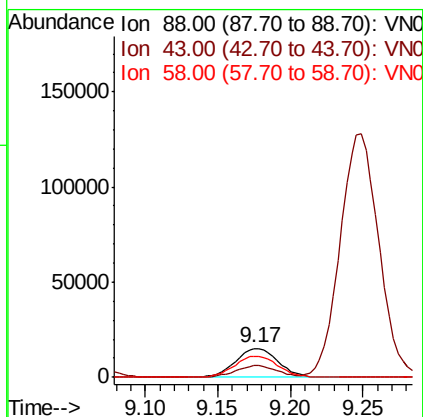
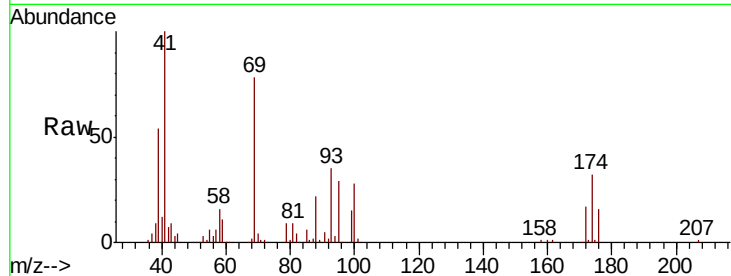




#49
1,4-Dioxane
Concen: 1063.927 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

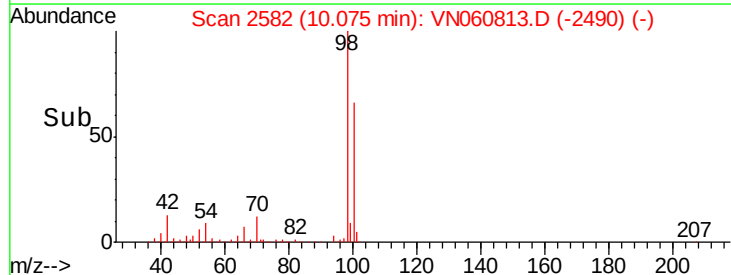
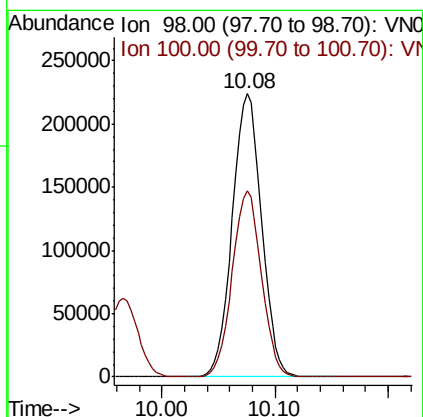
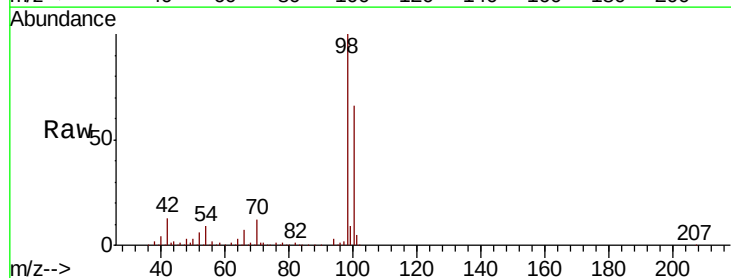
Instrument :
MSVOA_N
ClientSampleId :

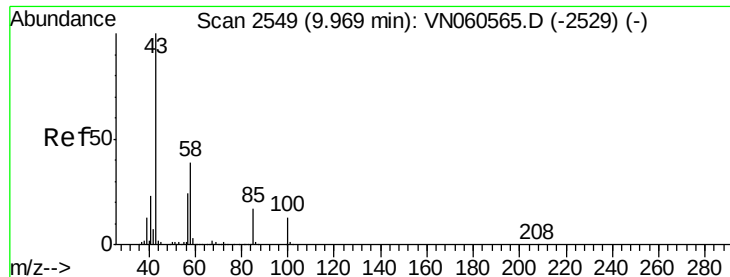
Tot Ion: 88 Resp: 30985
Ion Ratio Lower Upper
88 100
43 39.5 30.8 46.2
58 75.1 59.8 89.8



#50
Toluene-d8
Concen: 51.300 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion: 98 Resp: 404093
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 270.412 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

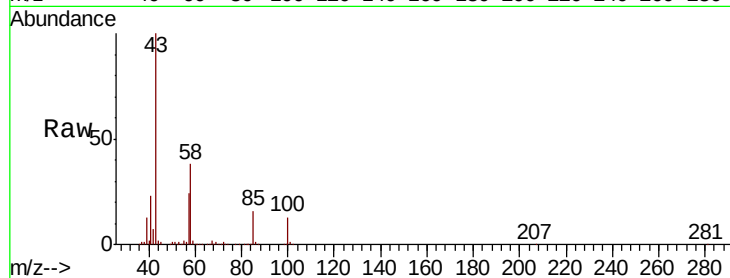
ClientSampleId :

Tot Ion: 43 Resp: 846811

Ion Ratio Lower Upper

43 100

58 38.4 30.8 46.2



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

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

9.97

500000

400000

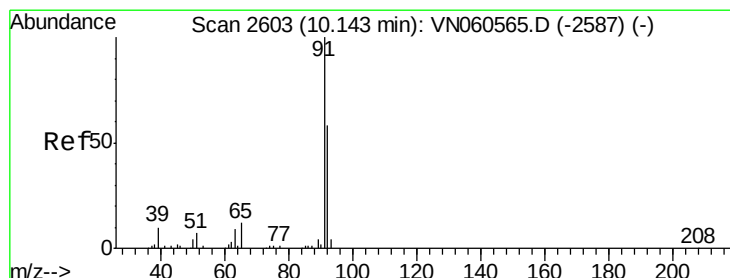
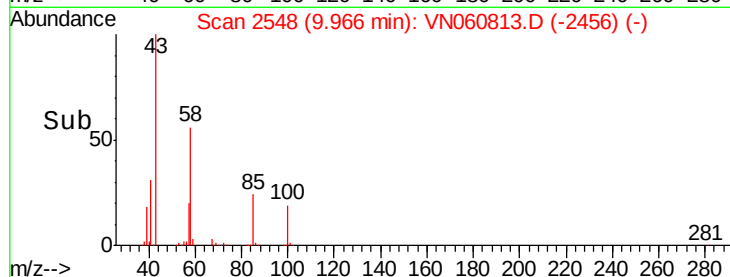
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.637 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060813.D

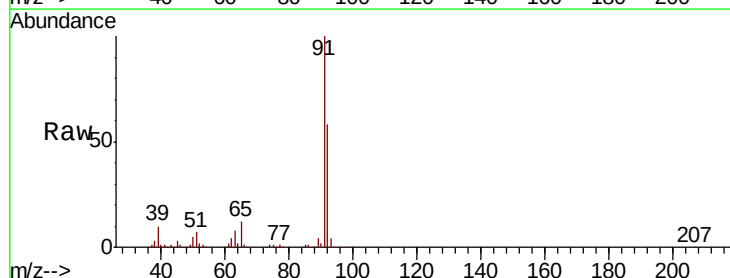
Acq: 2 Apr 2020 10:33

Tgt Ion: 92 Resp: 307619

Ion Ratio Lower Upper

92 100

91 172.9 137.6 206.4



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

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

10.14

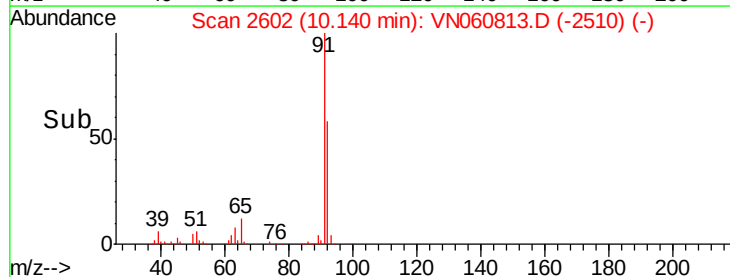
300000

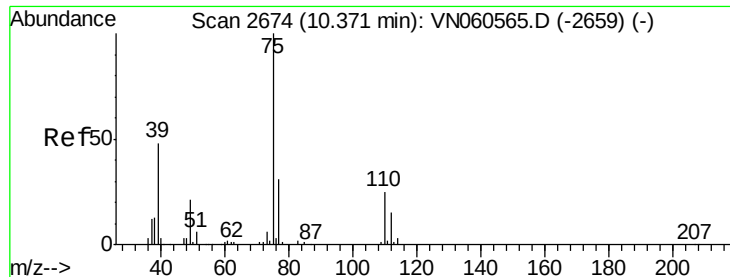
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 57.606 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

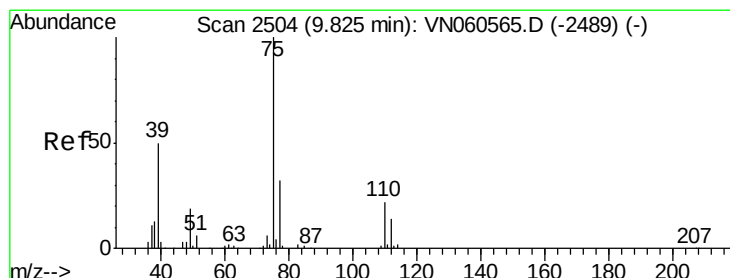
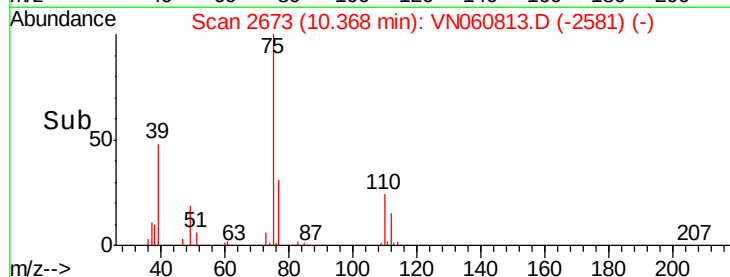
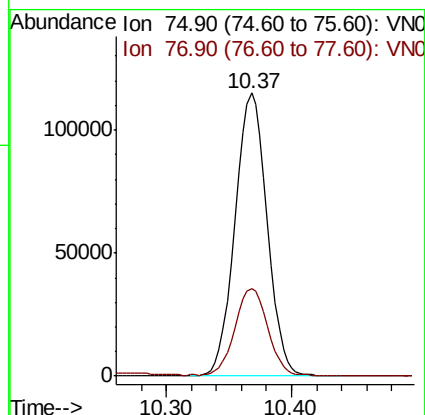
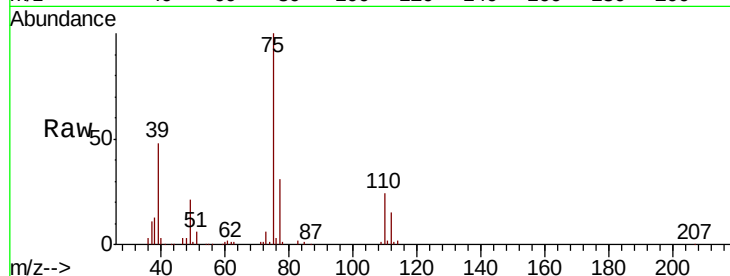
ClientSampled :

Tot Ion: 75 Resp: 204493

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 56.389 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

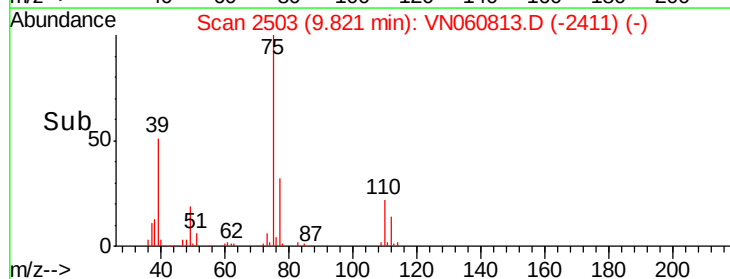
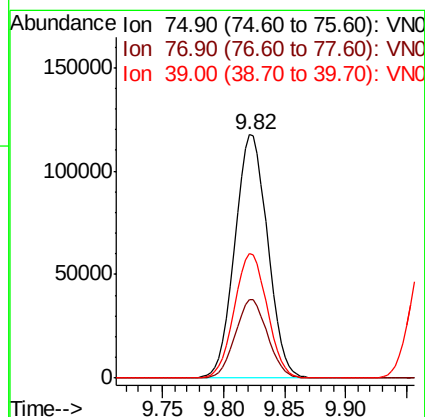
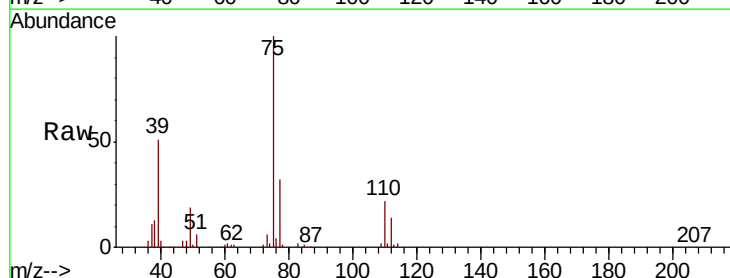
Tgt Ion: 75 Resp: 219600

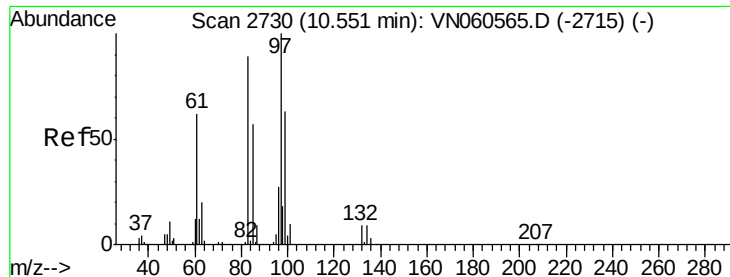
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

39 51.3 40.2 60.4

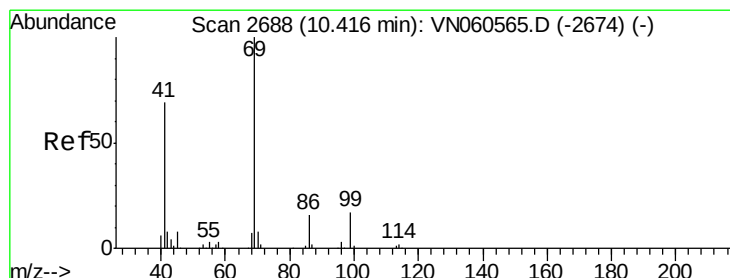
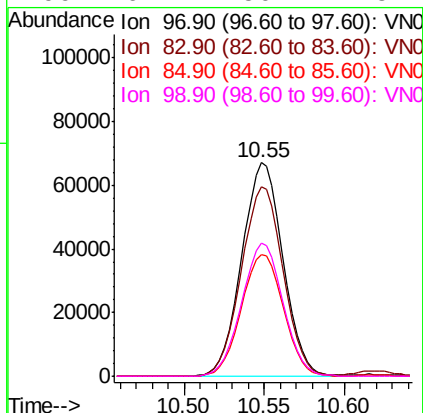
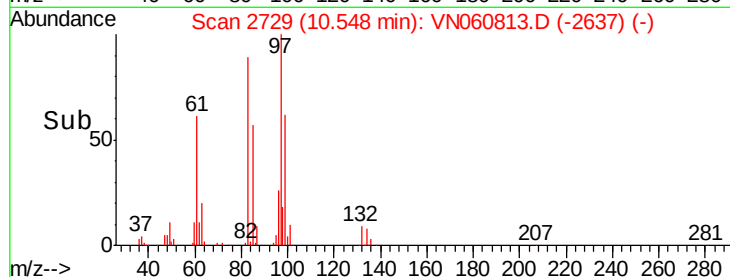
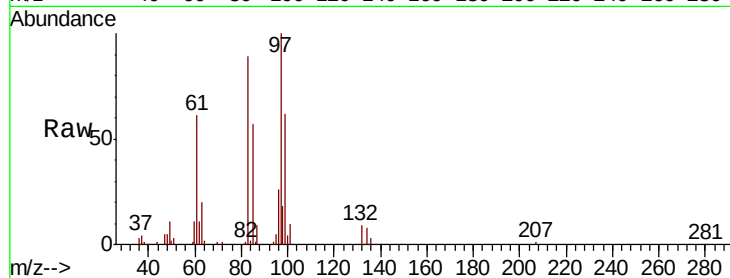




#55
 1,1,2-Trichloroethane
 Concen: 54.639 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

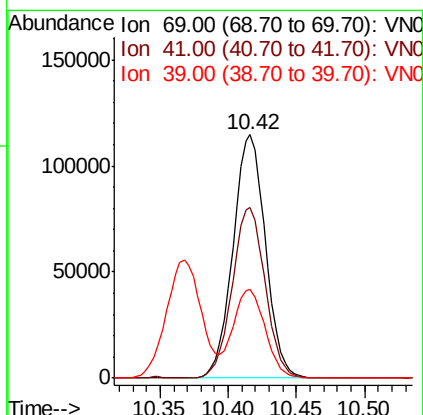
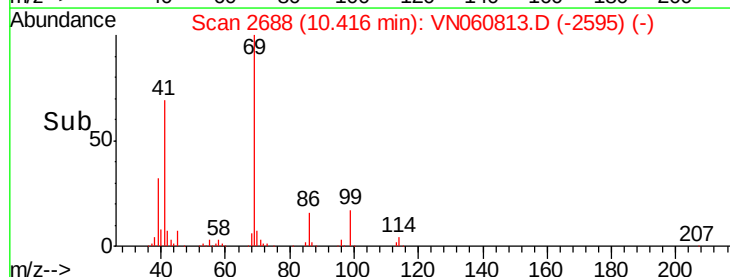
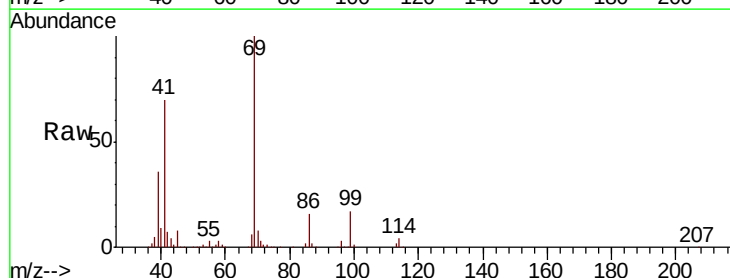
Instrument :
 MSVOA_N
 ClientSampled :

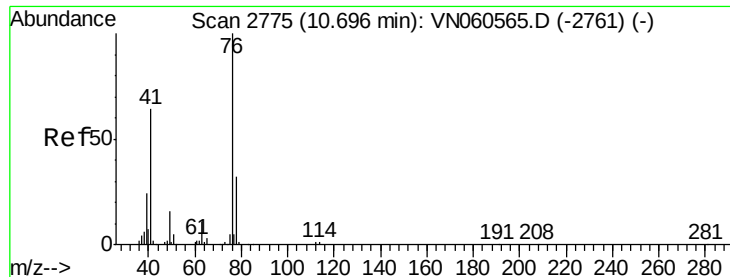
Tot Ion:	97	Resp:	118350
Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.3	106.9
85	57.2	45.2	67.8
99	62.1	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 56.042 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion:	69	Resp:	189274
Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.4	83.2
39	36.0	29.4	44.0

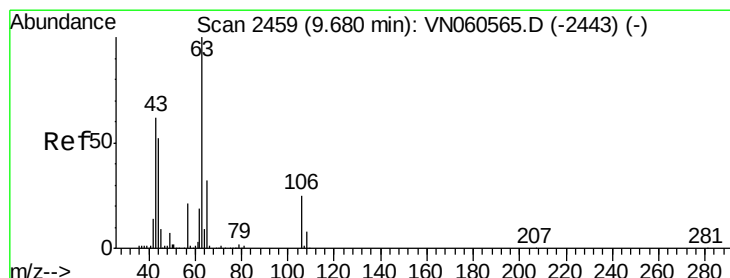
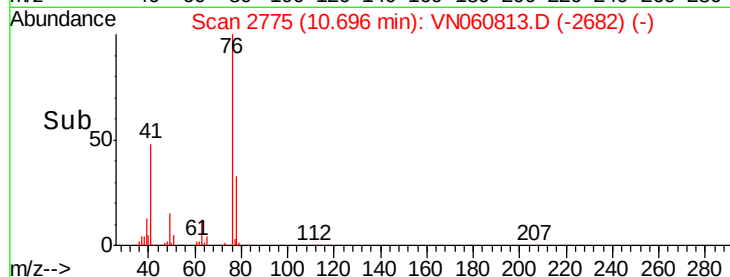
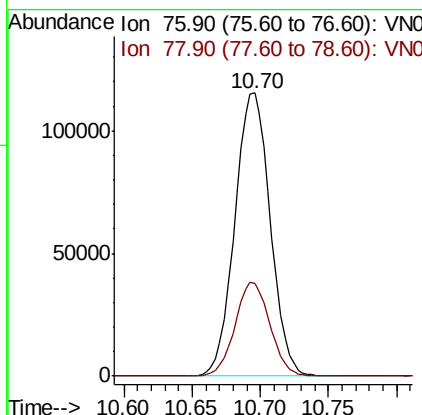
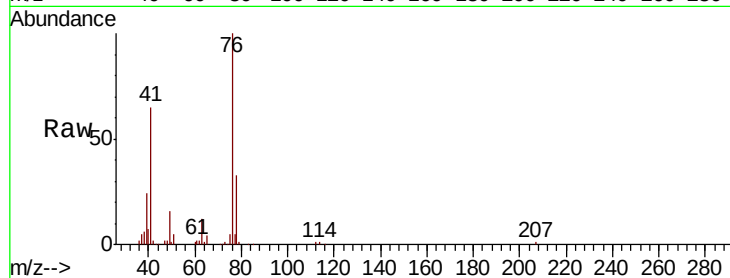




#57
 1,3-Dichloropropane
 Concen: 55.337 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

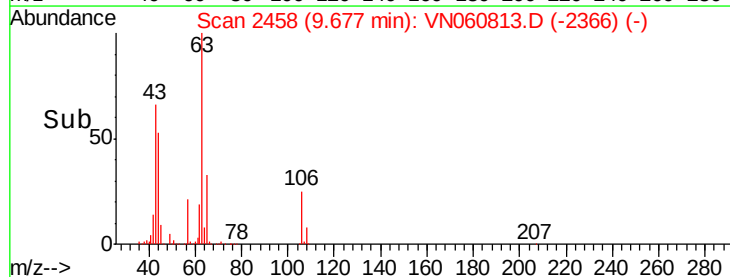
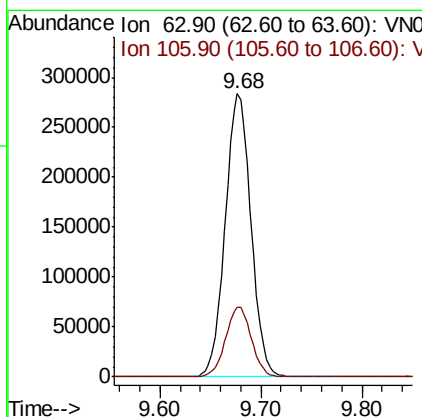
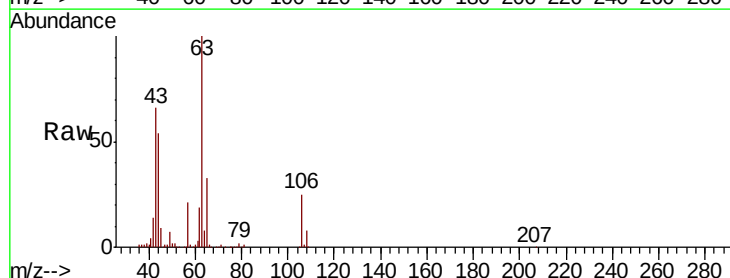
Instrument :
 MSVOA_N
 ClientSampled :

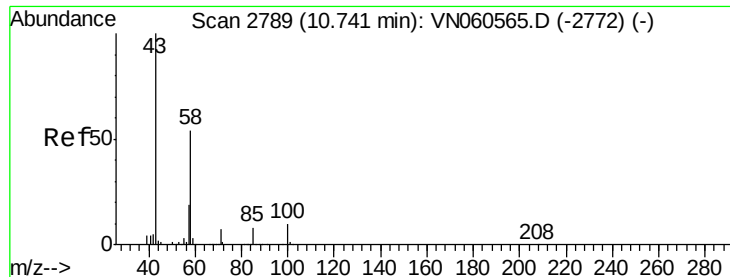
Tot Ion: 76 Resp: 207998
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.837 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion: 63 Resp: 504978
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.0 30.0

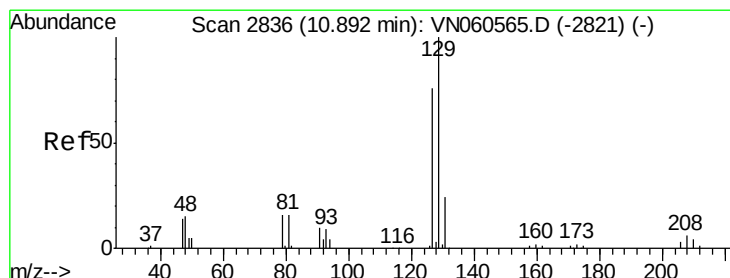
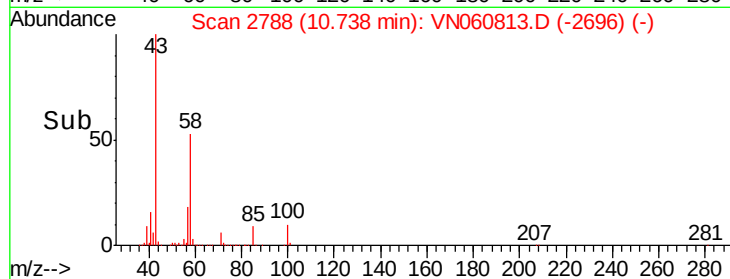
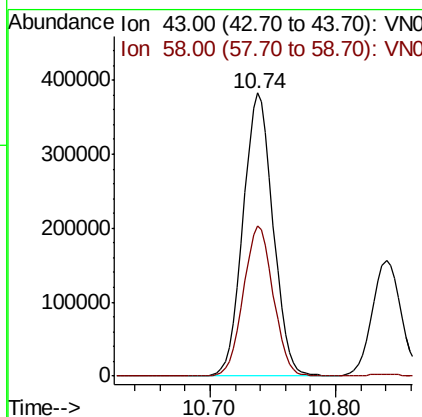
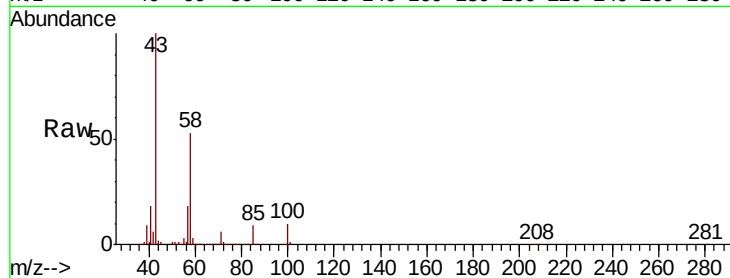




#59
2-Hexanone
Concen: 282.159 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

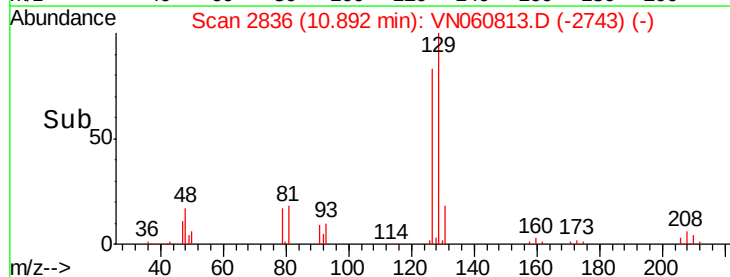
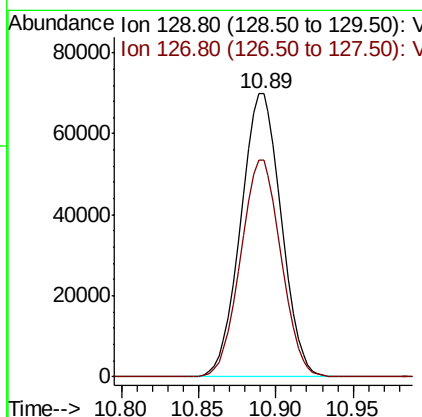
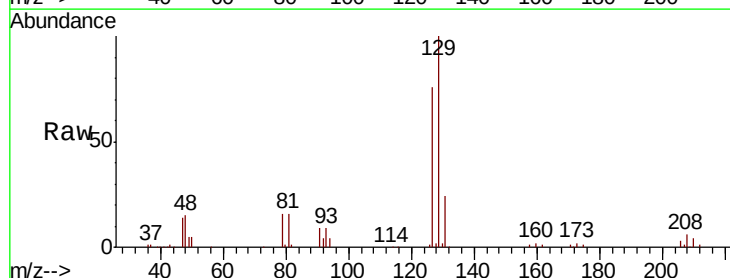
Instrument :
MSVOA_N
ClientSampled :

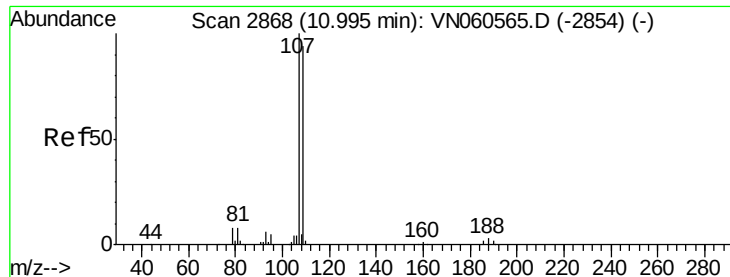
Tot Ion: 43 Resp: 636502
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 56.976 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion: 129 Resp: 127479
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

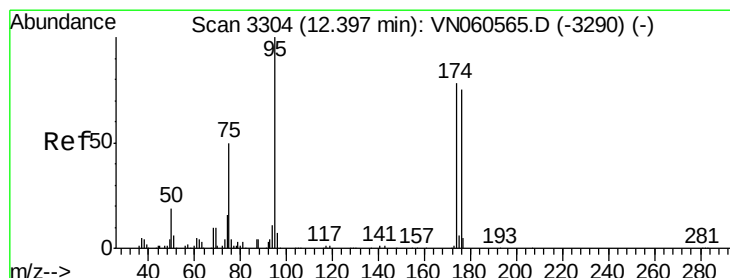
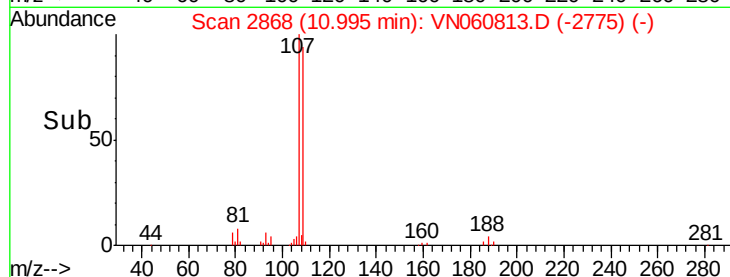
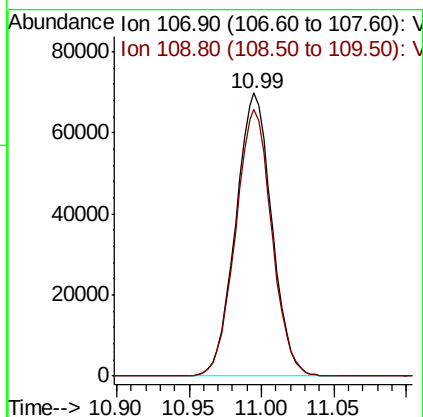
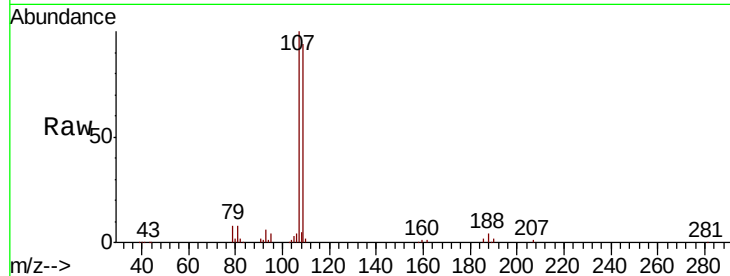




#61
 1,2-Dibromoethane
 Concen: 55.490 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

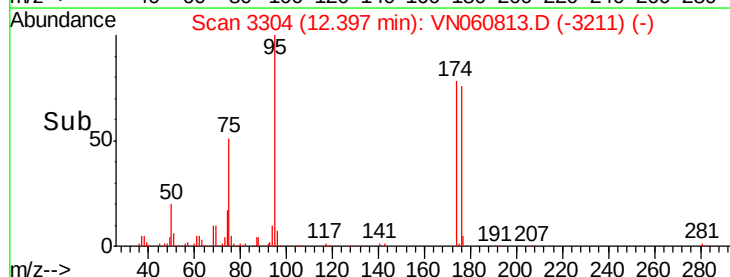
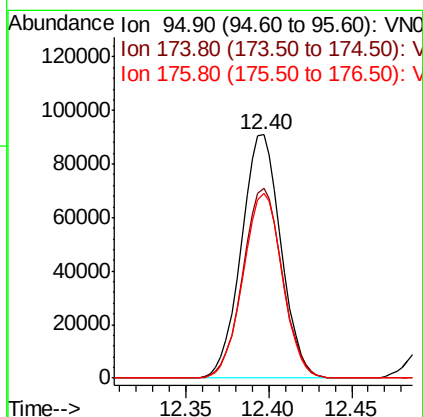
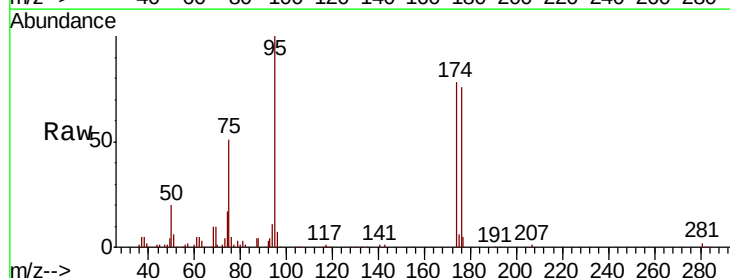
Instrument :
 MSVOA_N
 ClientSampleId :

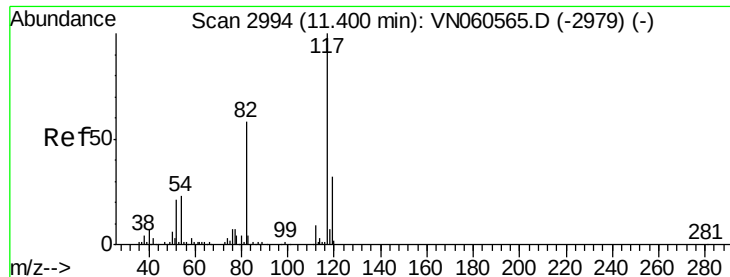
Tot Ion:107 Resp: 120861
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.168 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion: 95 Resp: 150601
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 157.6
 176 75.6 0.0 150.6

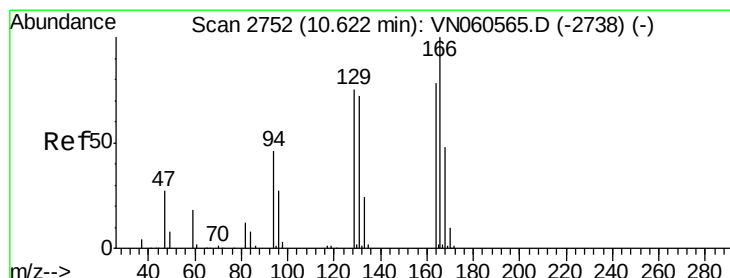
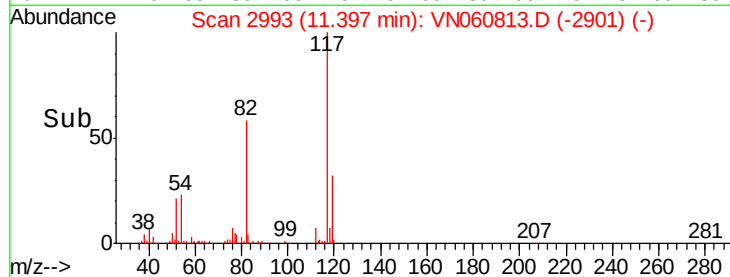
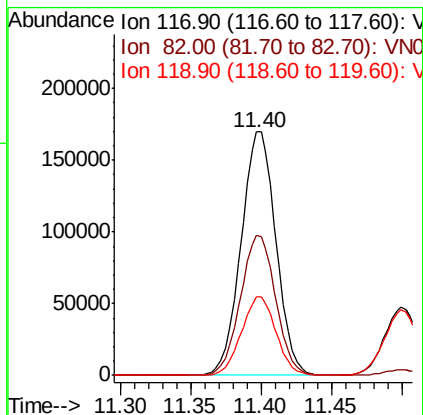
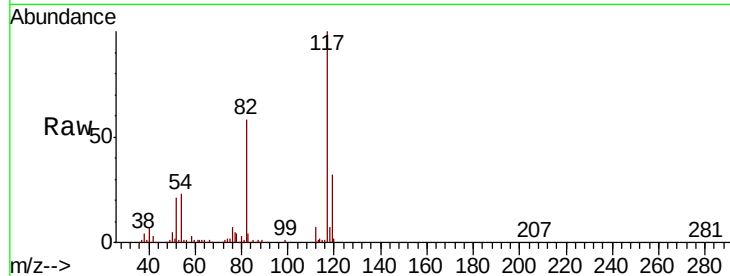




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

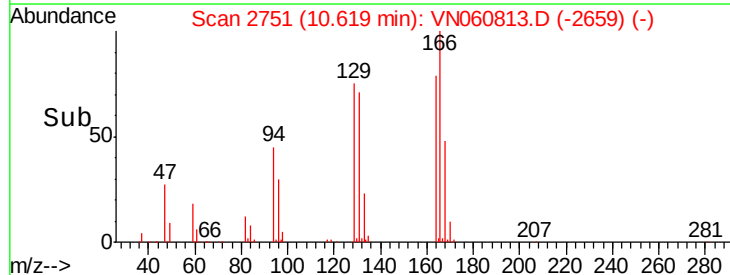
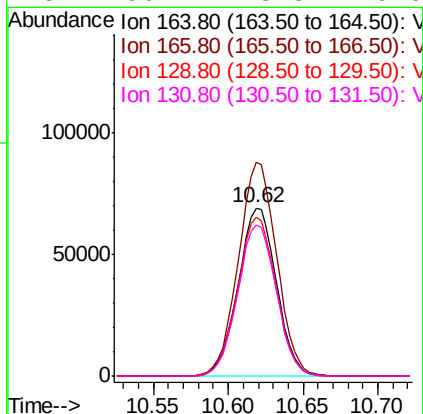
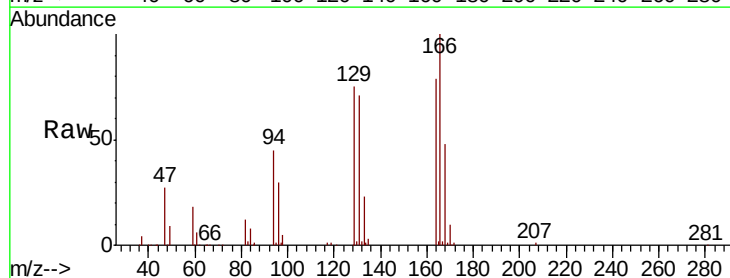
Instrument :
MSVOA_N
ClientSampled :

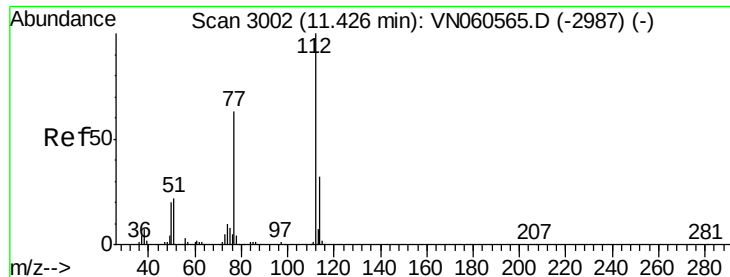
Tot Ion:117 Resp: 294153
Ion Ratio Lower Upper
117 100
82 57.6 46.7 70.1
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 53.189 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion:164 Resp: 123118
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 94.6 77.2 115.8
131 90.1 73.8 110.6





#65

Chlorobenzene

Concen: 54.546 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

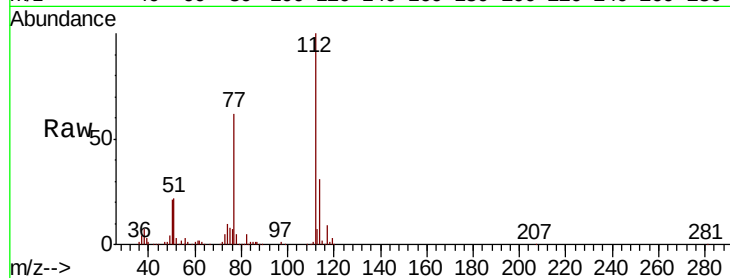
ClientSampled :

Tot Ion:112 Resp: 318075

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.42

200000

150000

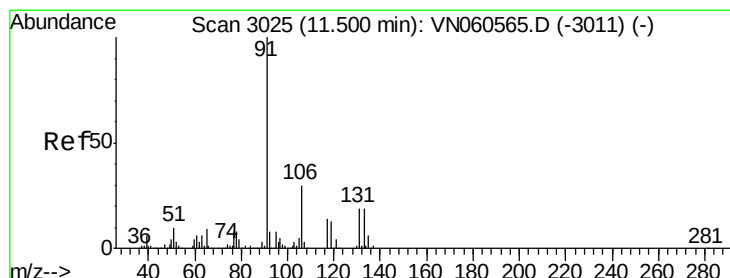
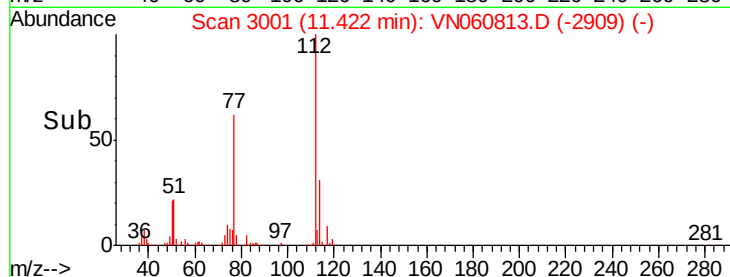
100000

50000

0

Time-->

11.35 11.40 11.45 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 55.710 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

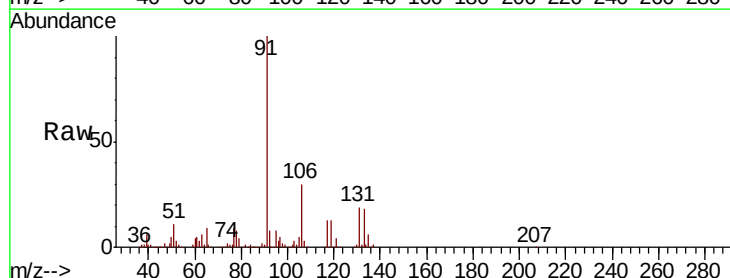
Tgt Ion:131 Resp: 117622

Ion Ratio Lower Upper

131 100

133 95.7 48.9 146.8

119 66.7 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

80000

60000

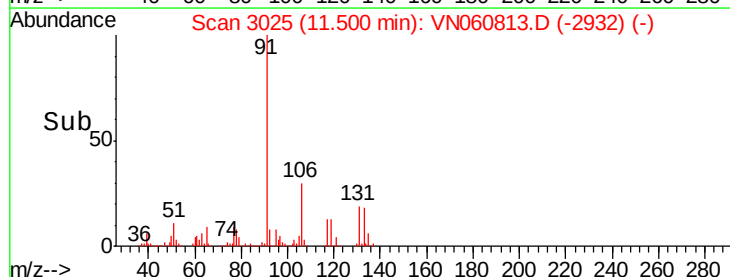
40000

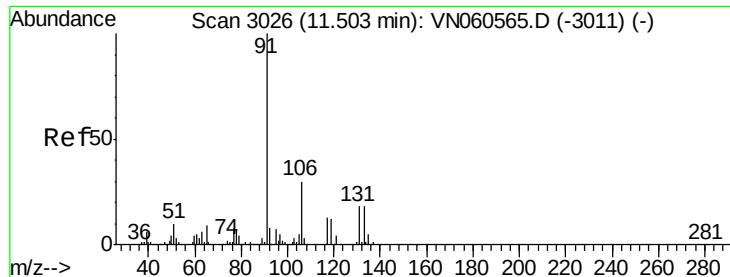
20000

0

Time-->

11.45 11.50 11.55





#67

Ethyl Benzene

Concen: 55.315 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

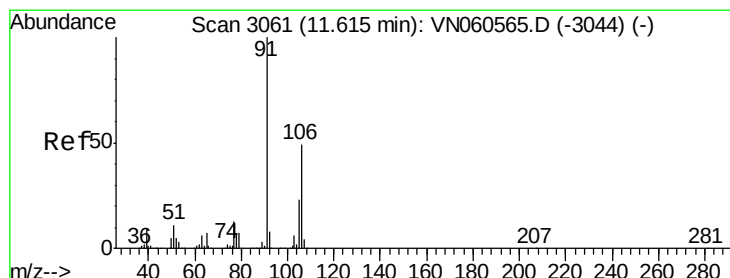
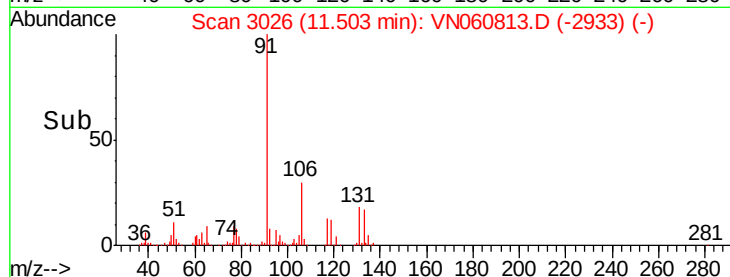
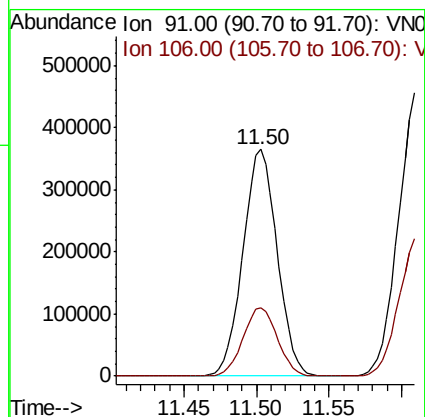
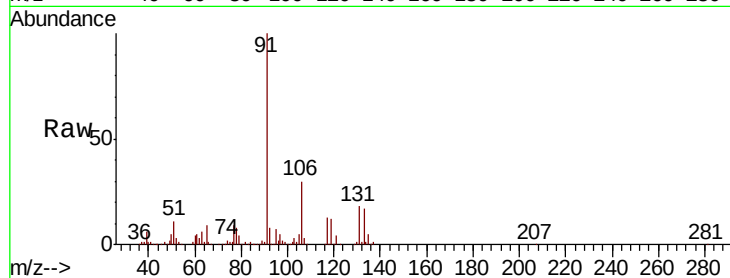
ClientSampled :

Tot Ion: 91 Resp: 599845

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.2



#68

m/p-Xylenes

Concen: 110.430 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060813.D

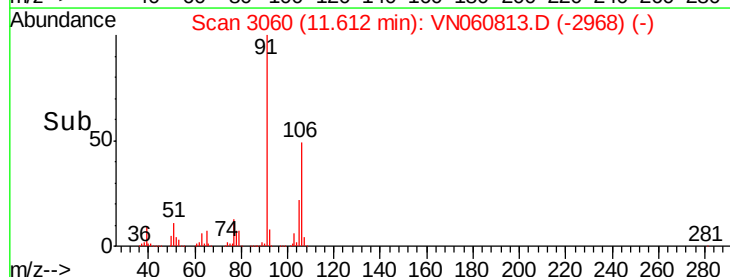
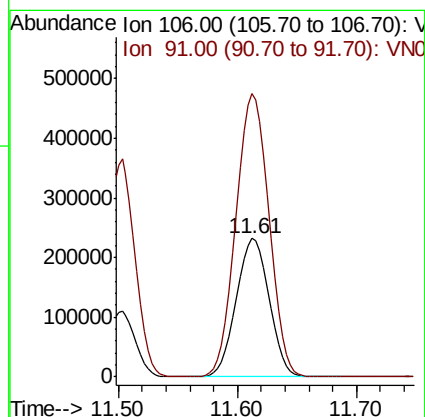
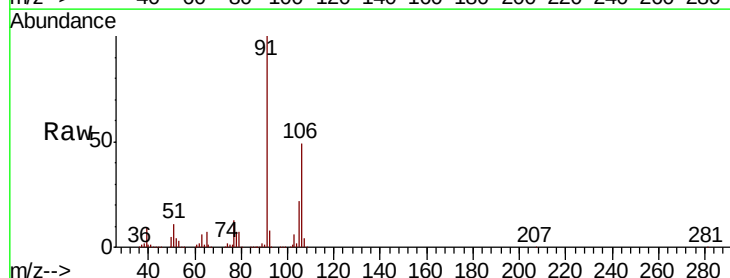
Acq: 2 Apr 2020 10:33

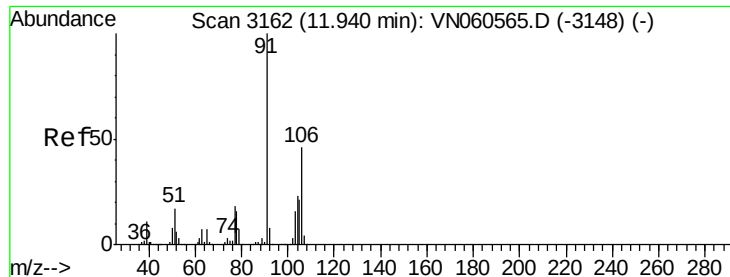
Tgt Ion: 106 Resp: 445005

Ion Ratio Lower Upper

106 100

91 205.6 165.0 247.4

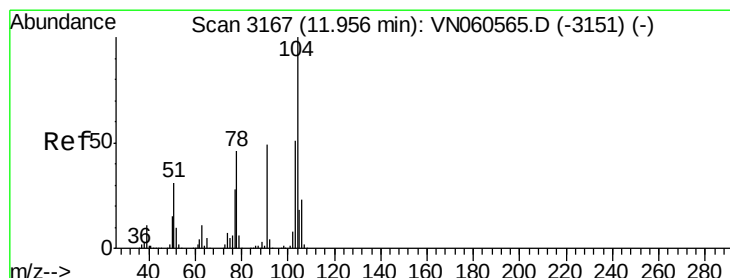
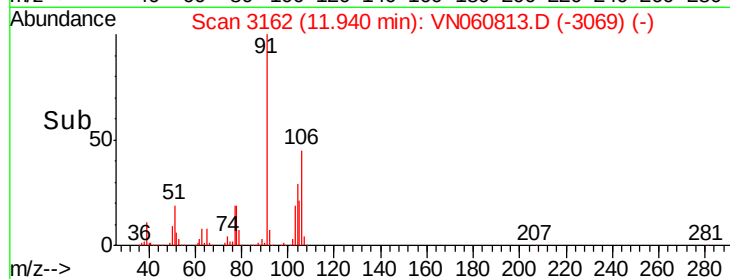
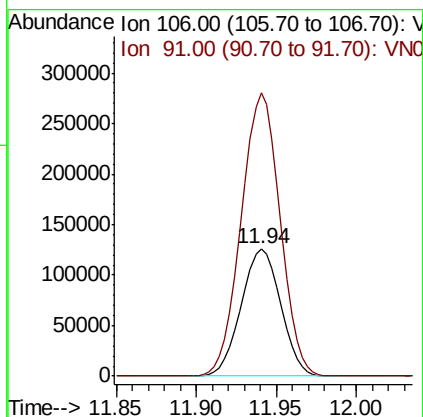
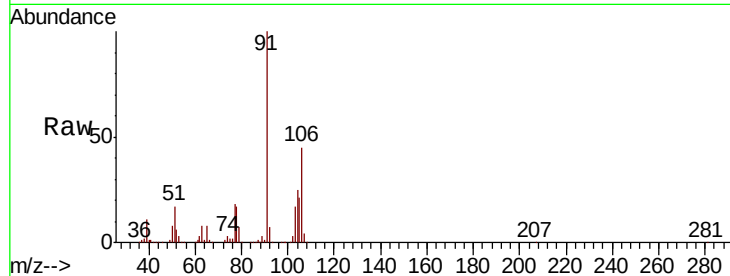




#69
o-Xylene
Concen: 55.260 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

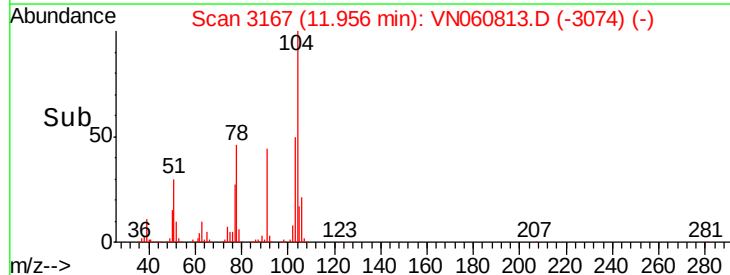
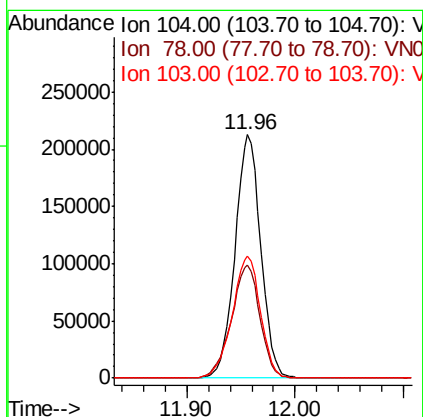
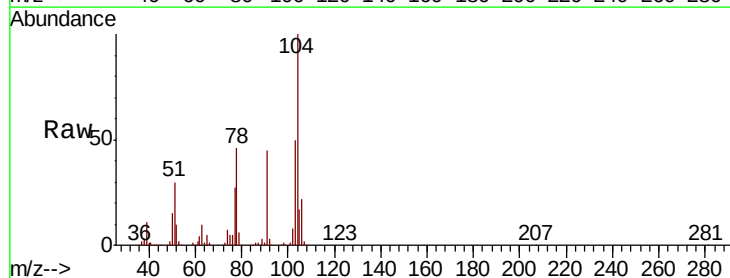
Instrument :
MSVOA_N
ClientSampleId :

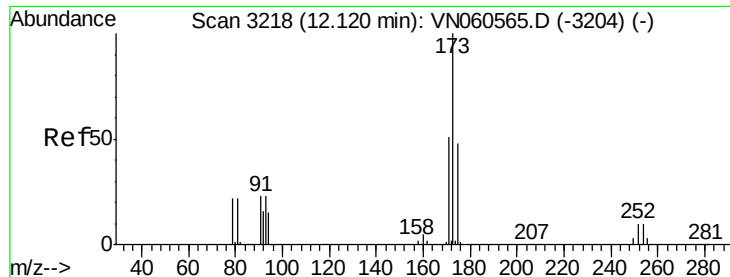
Tot Ion:106 Resp: 212577
Ion Ratio Lower Upper
106 100
91 218.4 109.5 328.4



#70
Styrene
Concen: 56.272 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion:104 Resp: 354036
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 54.8 44.0 66.0





#71

Bromoform

Concen: 51.653 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

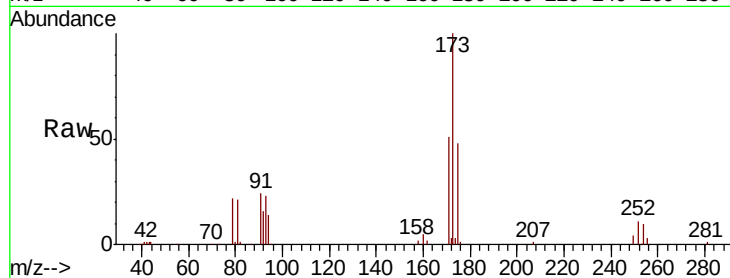
Tot Ion:173 Resp: 90741

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

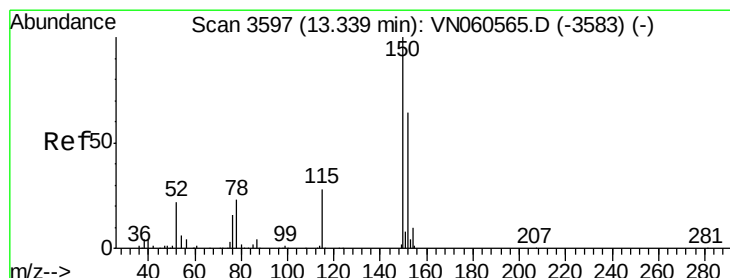
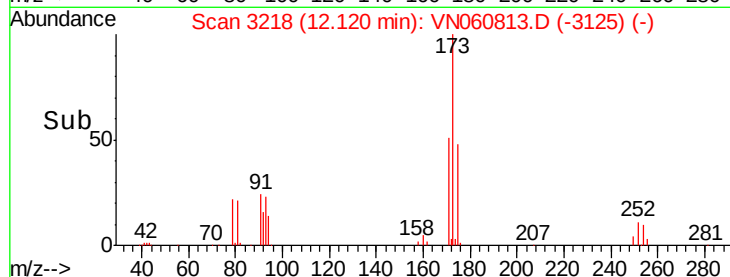
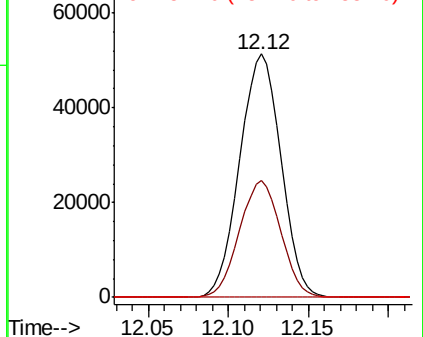
254 0.0 0.0 0.0



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# 3597

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

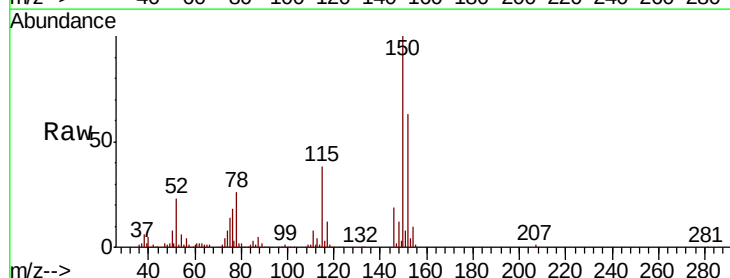
Tgt Ion:152 Resp: 143808

Ion Ratio Lower Upper

152 100

115 60.3 30.2 90.6

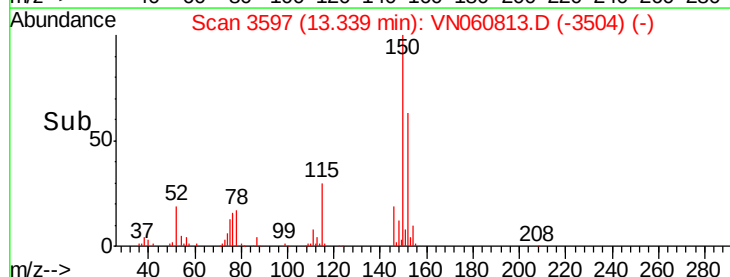
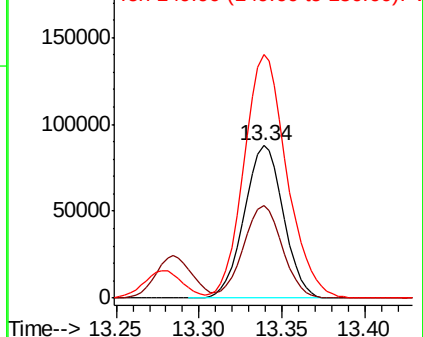
150 174.9 0.0 350.2

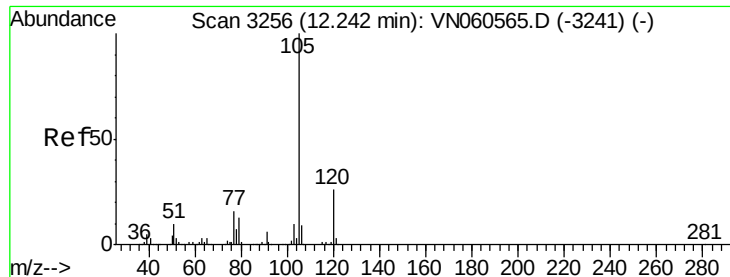


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.261 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

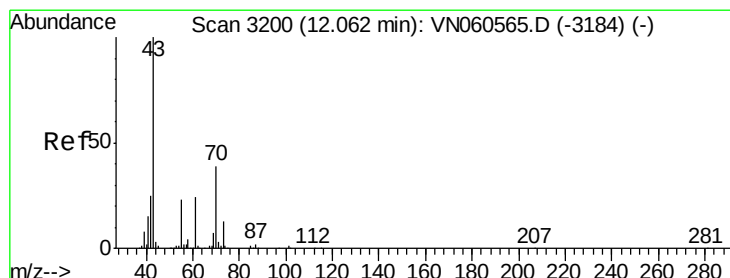
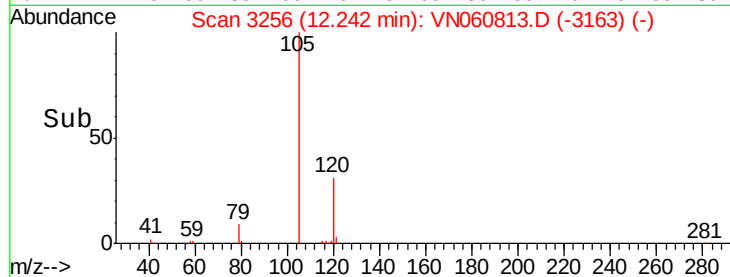
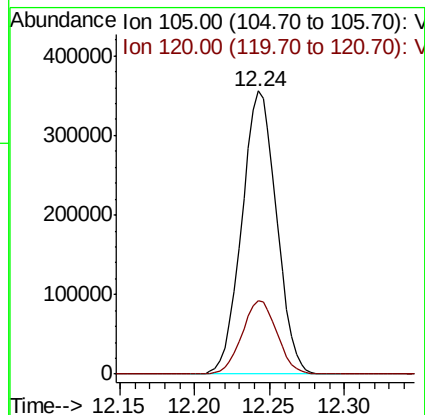
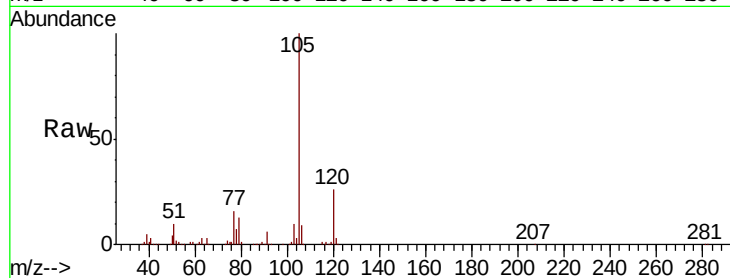
ClientSampleId :

Tot Ion:105 Resp: 574799

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 51.363 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Tgt Ion: 43 Resp: 256143

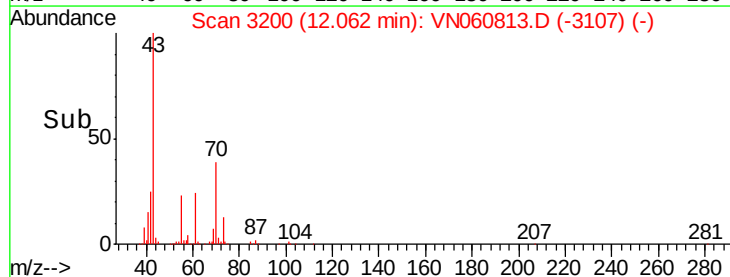
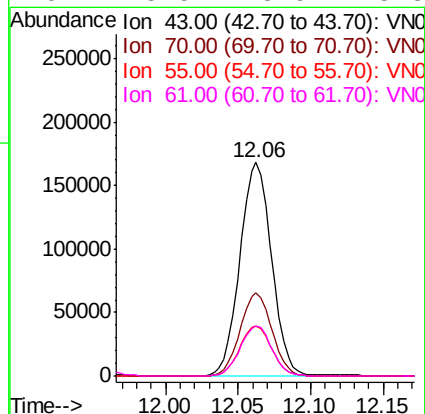
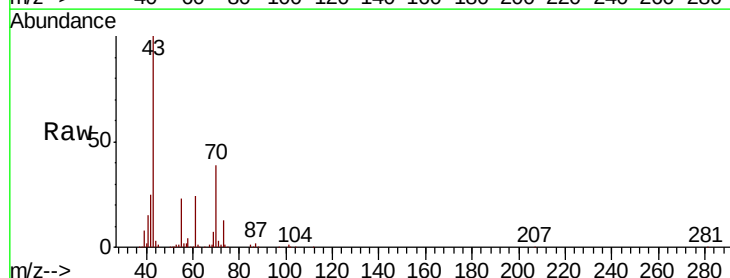
Ion Ratio Lower Upper

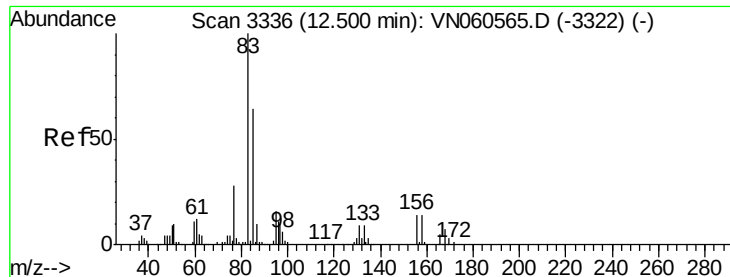
43 100

70 39.0 31.1 46.7

55 23.7 18.6 27.8

61 23.5 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.591 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

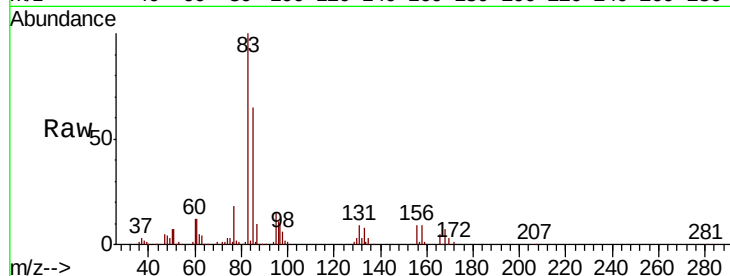
Tot Ion: 83 Resp: 168374

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

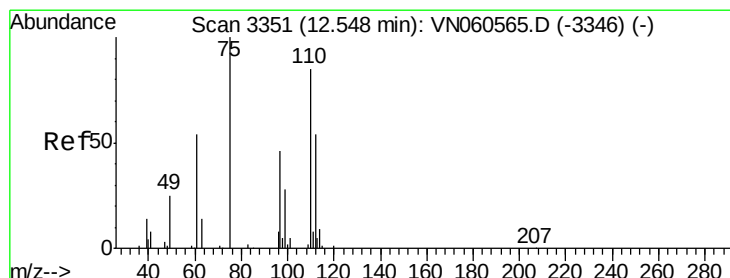
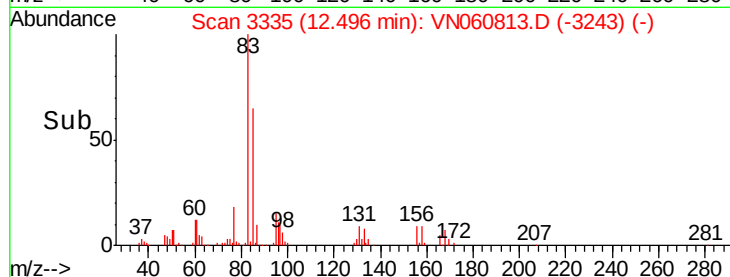
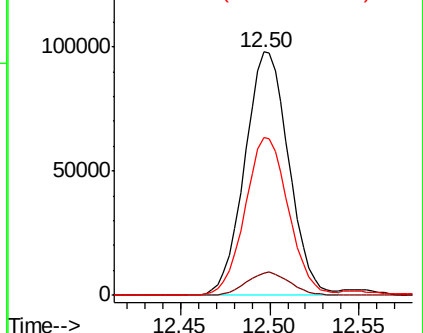
85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060813.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060813.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060813.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 75.070 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060813.D

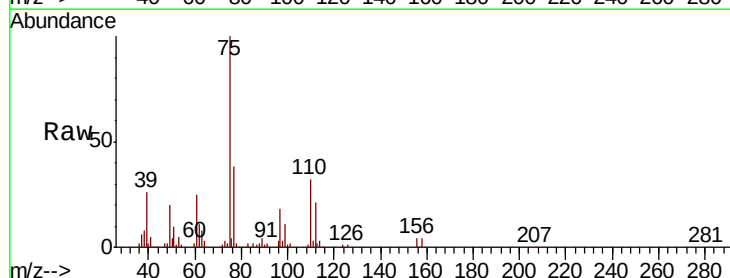
Acq: 2 Apr 2020 10:33

Tgt Ion: 75 Resp: 232947

Ion Ratio Lower Upper

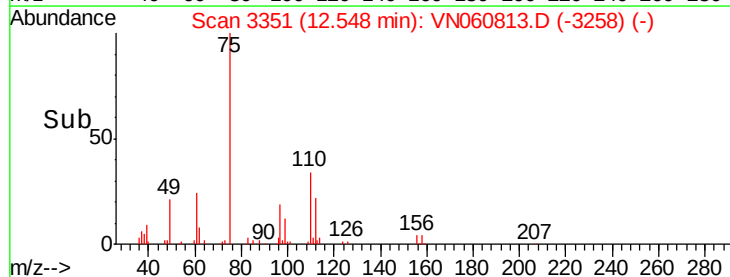
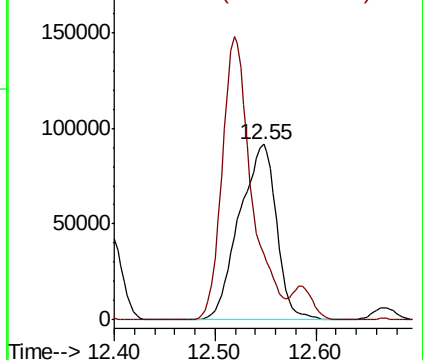
75 100

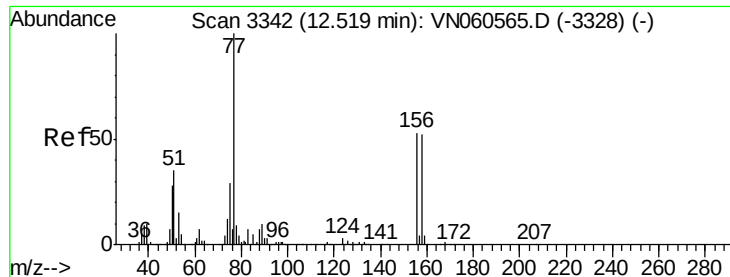
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060813.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060813.D (-3258) (-)





#77

Bromobenzene

Concen: 51.889 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

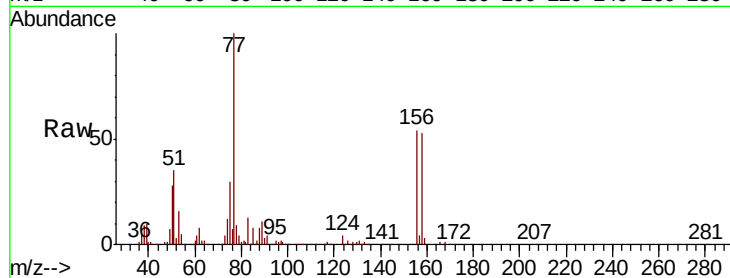
Tot Ion:156 Resp: 134939

Ion Ratio Lower Upper

156 100

77 223.3 112.3 337.0

158 98.3 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

200000

150000

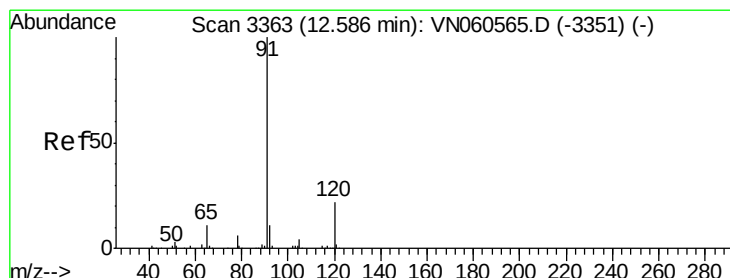
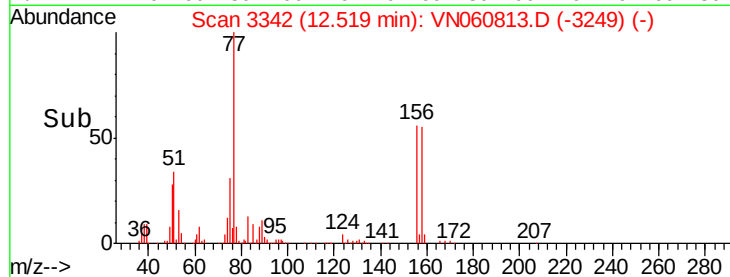
100000

50000

0

12.45 12.50 12.55

Time-->



#78

n-propylbenzene

Concen: 53.769 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060813.D

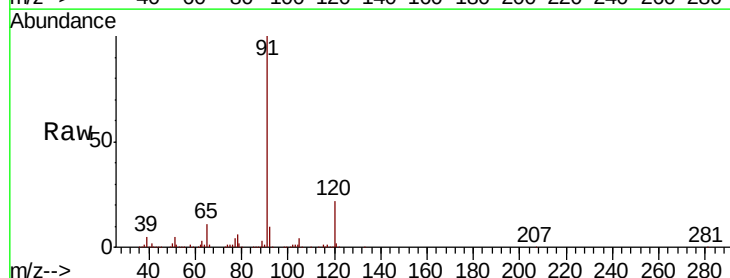
Acq: 2 Apr 2020 10:33

Tgt Ion: 91 Resp: 685577

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

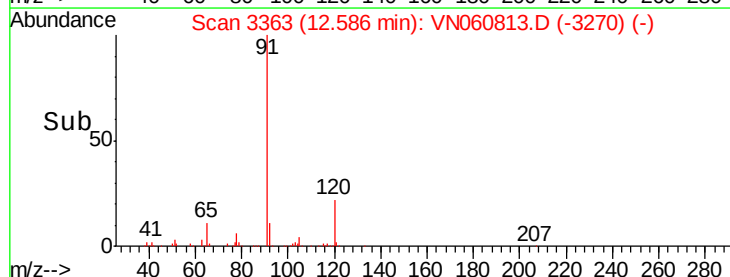
200000

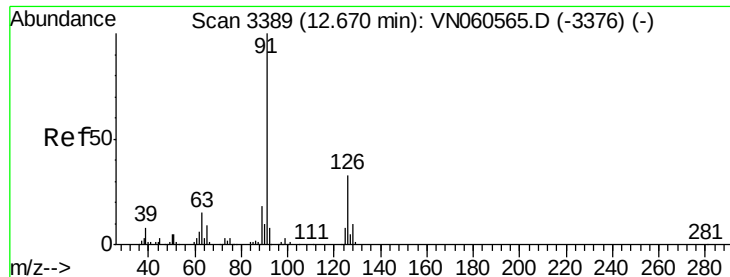
100000

0

12.55 12.60 12.65

Time-->





#79

2-Chlorotoluene

Concen: 52.164 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

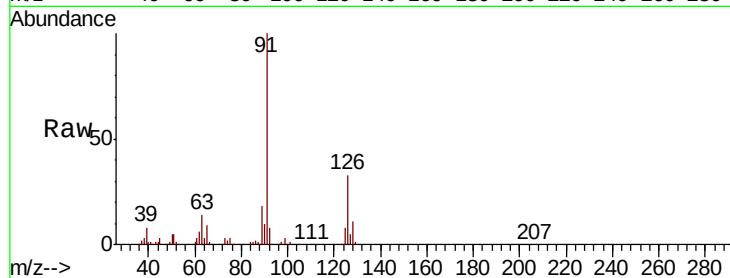
ClientSampleId :

Tot Ion: 91 Resp: 397402

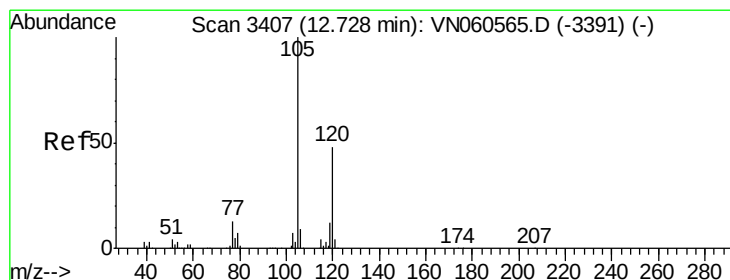
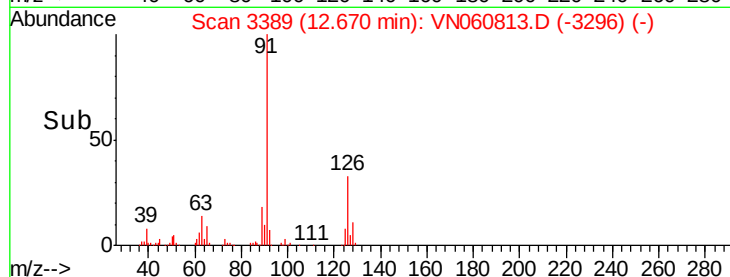
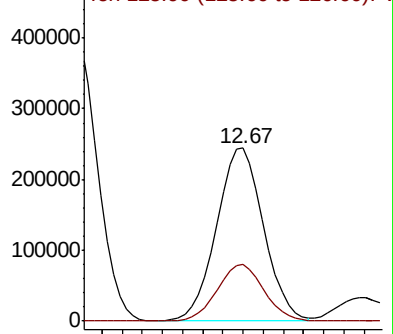
Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060813.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.026 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060813.D

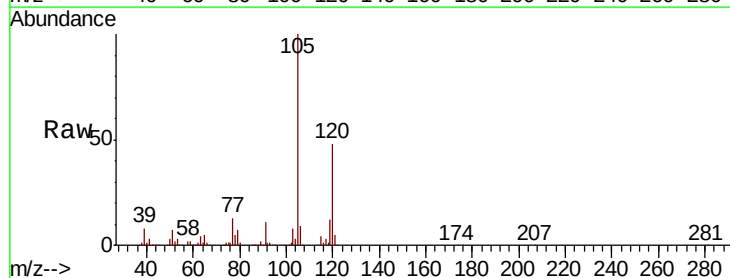
Acq: 2 Apr 2020 10:33

Tgt Ion:105 Resp: 485642

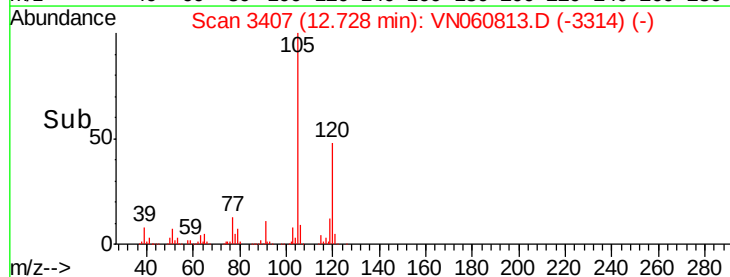
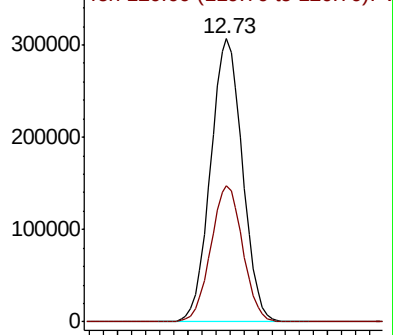
Ion Ratio Lower Upper

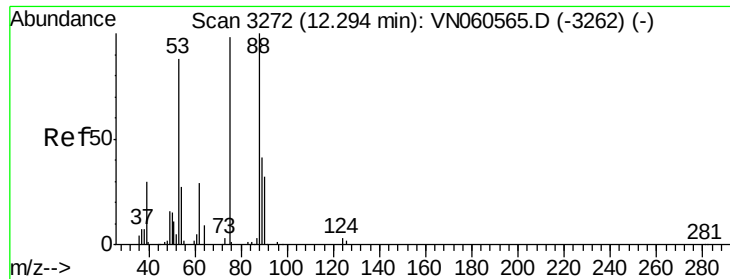
105 100

120 48.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060813.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.349 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

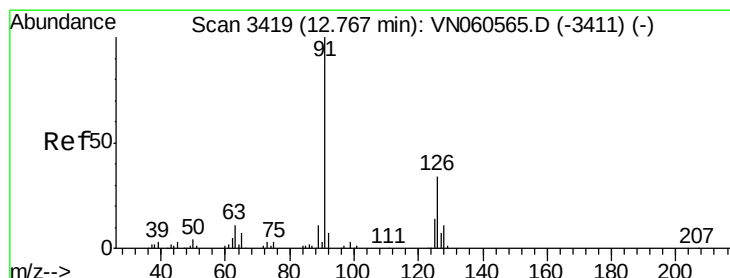
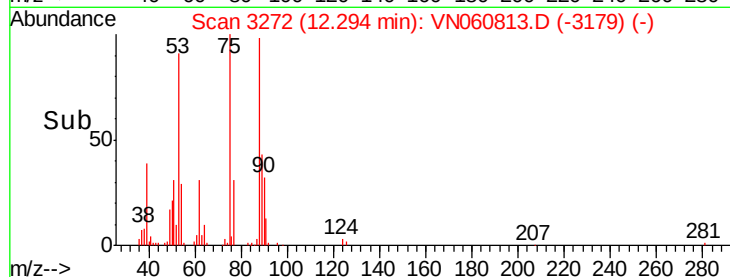
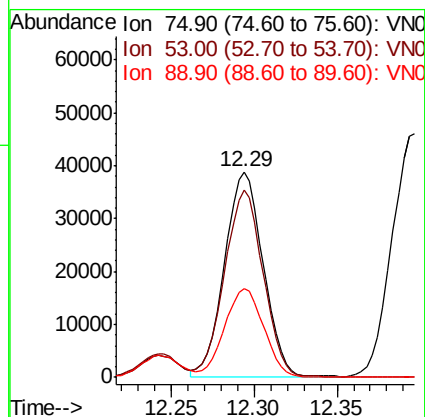
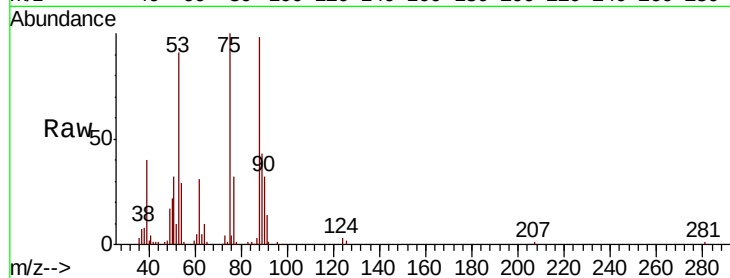
Tot Ion: 75 Resp: 63249

Ion	Ratio	Lower	Upper
75	100		
53	91.1	73.0	109.4
89	43.7	34.8	52.2

75 100

53 91.1 73.0 109.4

89 43.7 34.8 52.2



#82

4-Chlorotoluene

Concen: 52.990 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060813.D

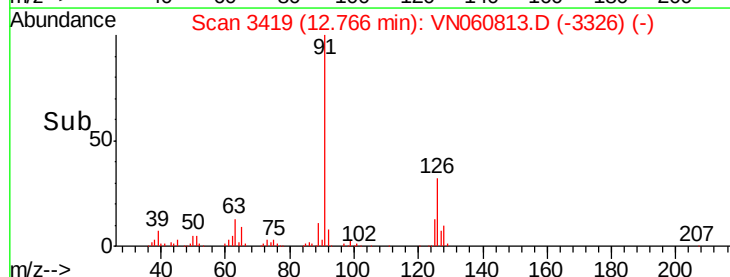
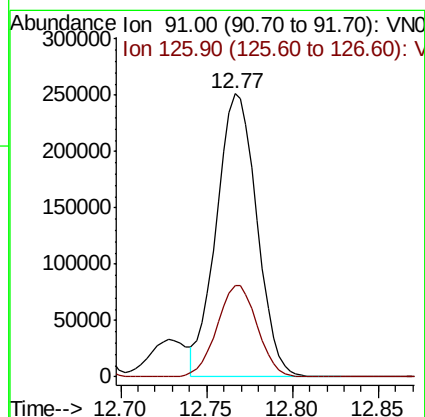
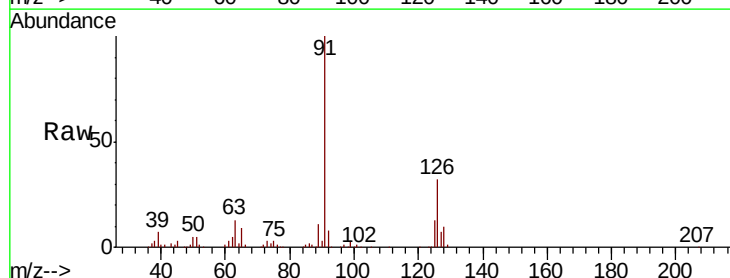
Acq: 2 Apr 2020 10:33

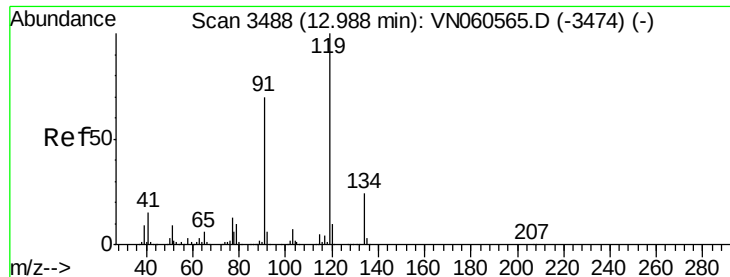
Tgt Ion: 91 Resp: 411158

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.5

91 100

126 32.4 16.2 48.5

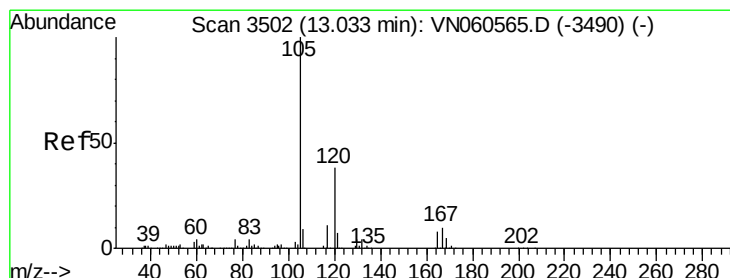
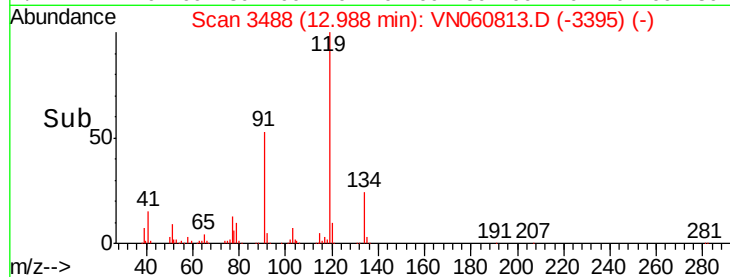
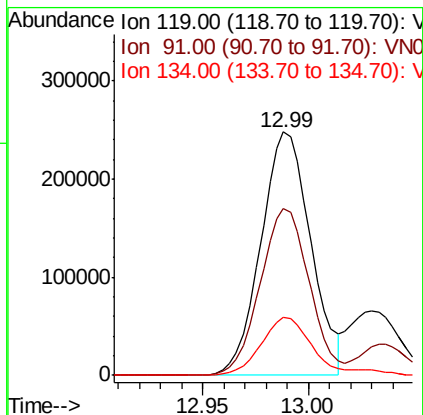
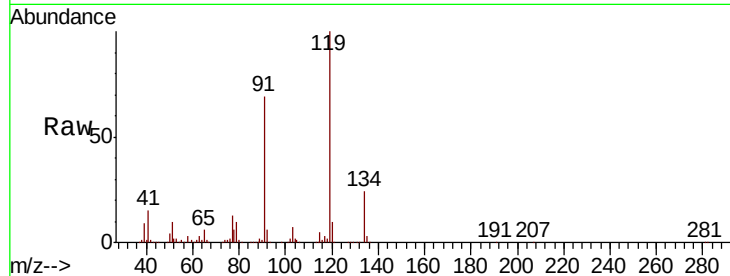




#83
 tert-Butylbenzene
 Concen: 53.838 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

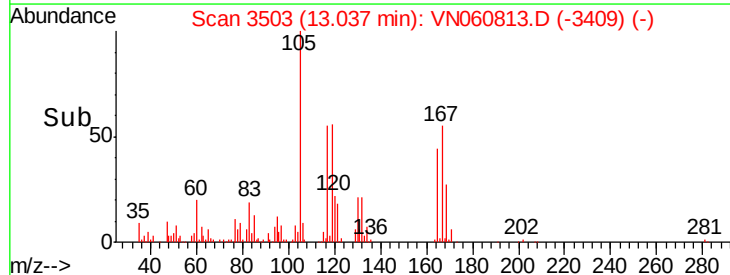
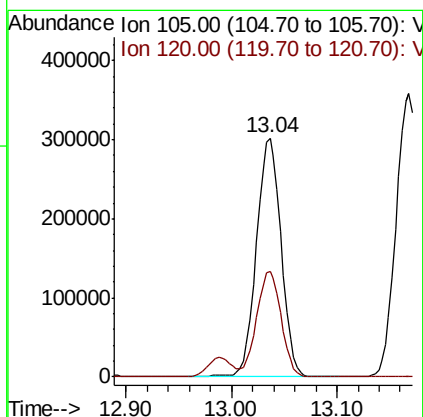
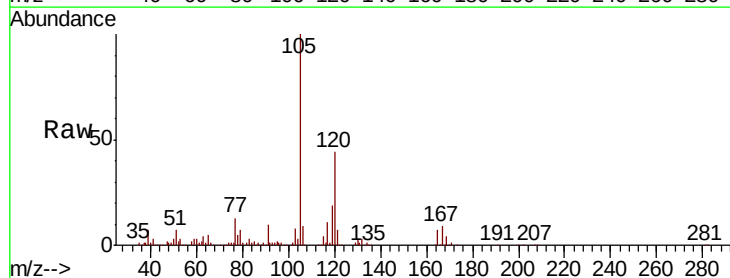
Instrument :
 MSVOA_N
 ClientSampleId :

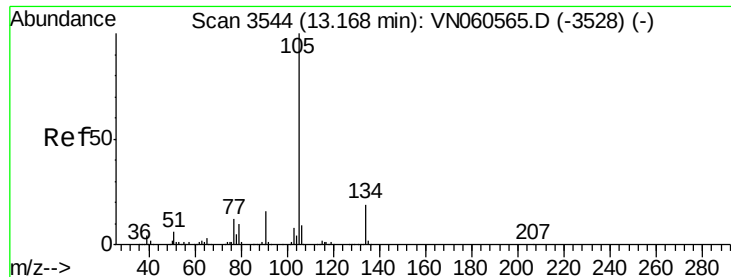
Tot Ion:119 Resp: 408748
 Ion Ratio Lower Upper
 119 100
 91 67.7 34.0 101.8
 134 25.2 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.254 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion:105 Resp: 491579
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 55.684 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

Instrument :

MSVOA_N

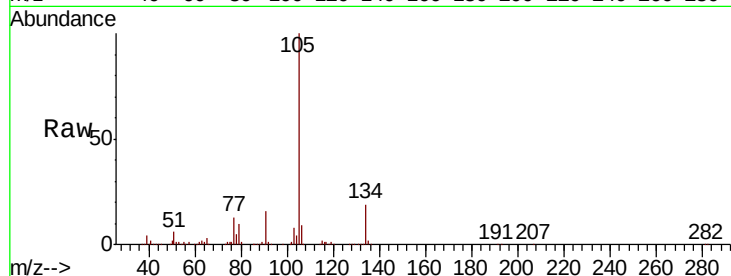
ClientSampled :

Tot Ion:105 Resp: 568491

Ion Ratio Lower Upper

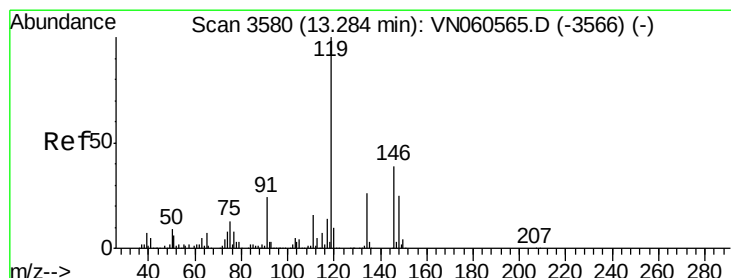
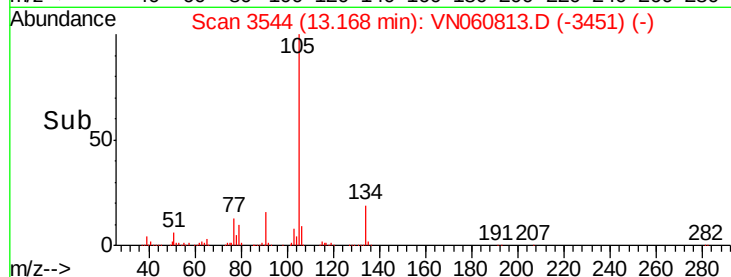
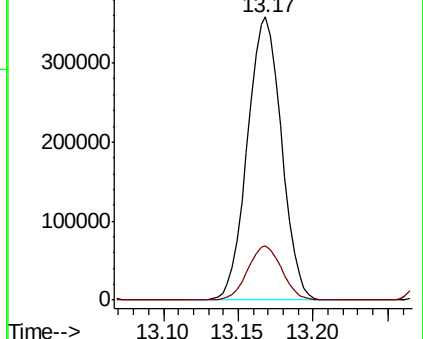
105 100

134 19.2 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.832 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060813.D

Acq: 2 Apr 2020 10:33

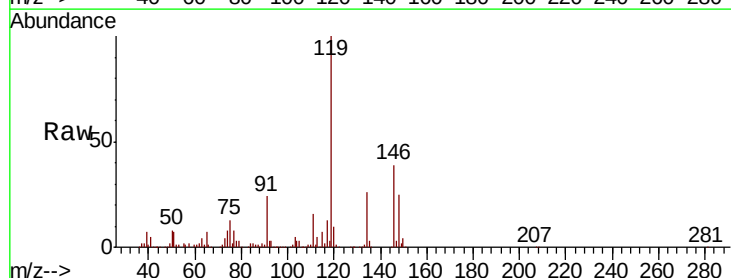
Tgt Ion:119 Resp: 512561

Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

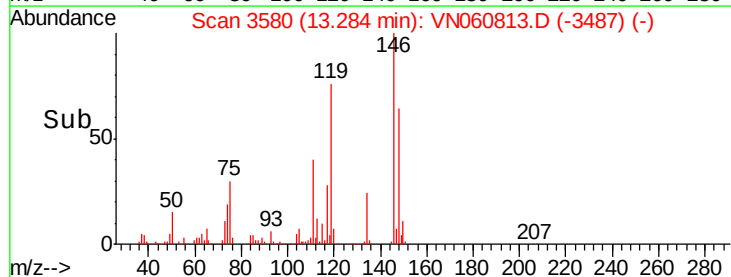
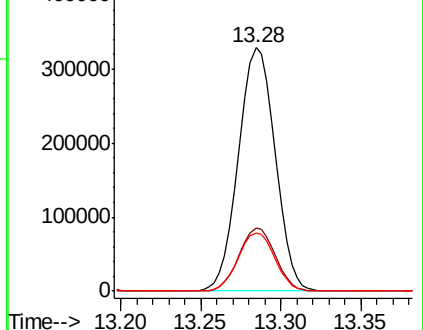
91 24.0 12.0 36.0

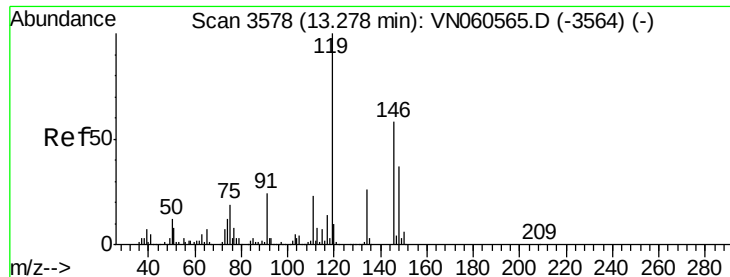


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

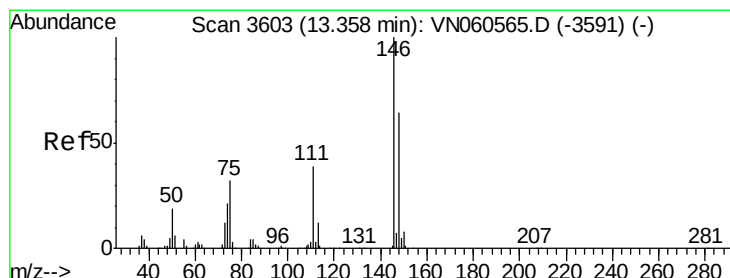
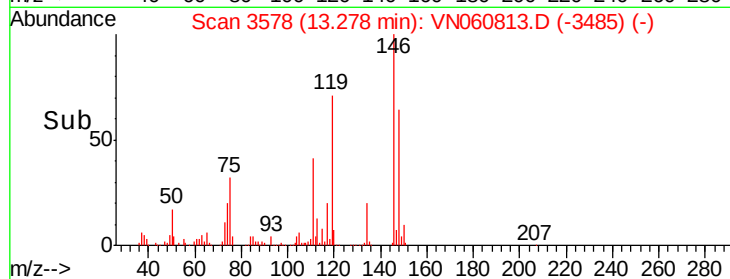
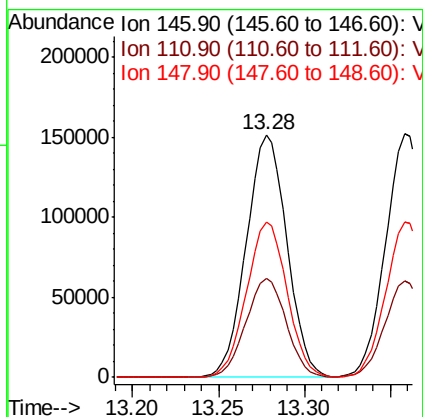
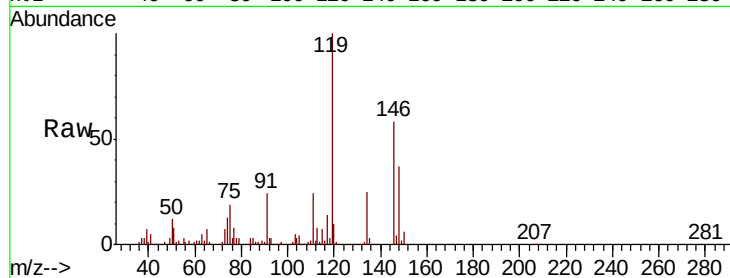




#87
 1,3-Dichlorobenzene
 Concen: 54.223 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

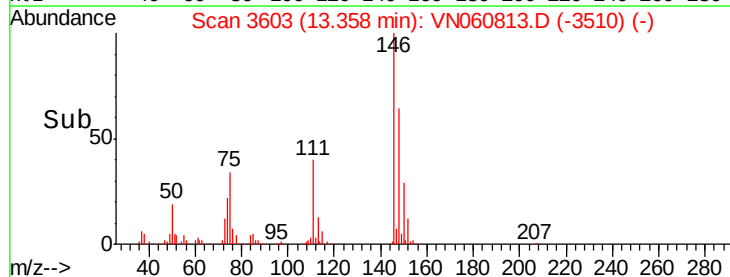
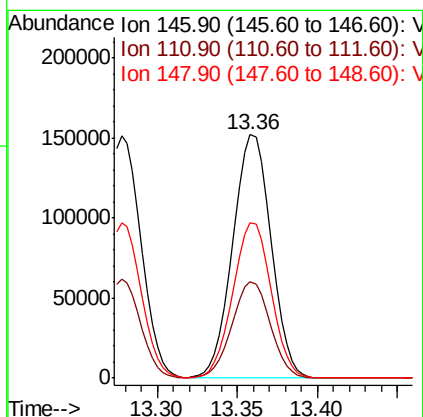
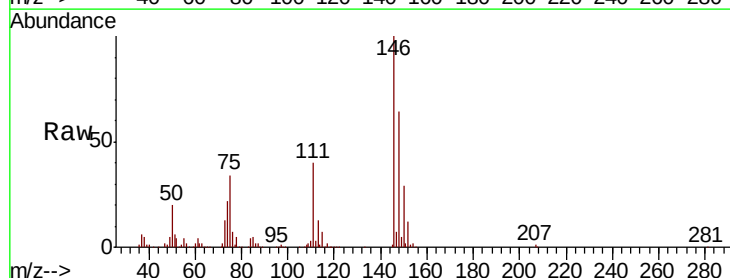
Instrument :
 MSVOA_N
 ClientSampled :

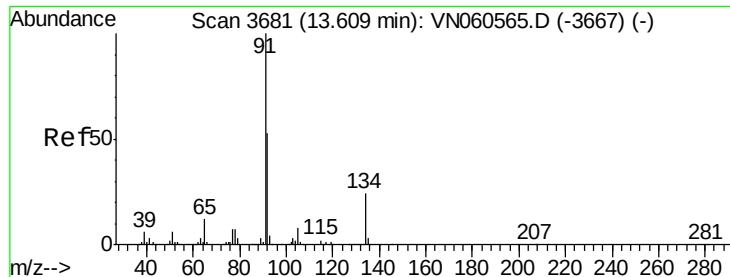
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.8
148	63.9	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 54.055 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	63.8	32.1	96.3

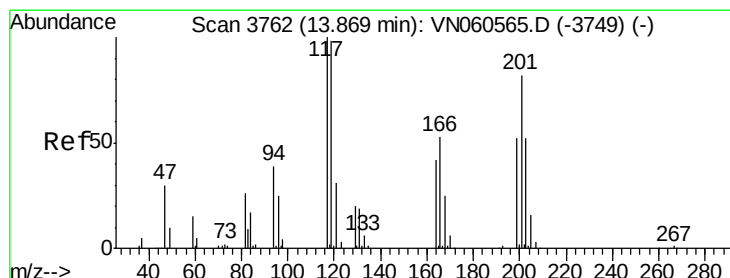
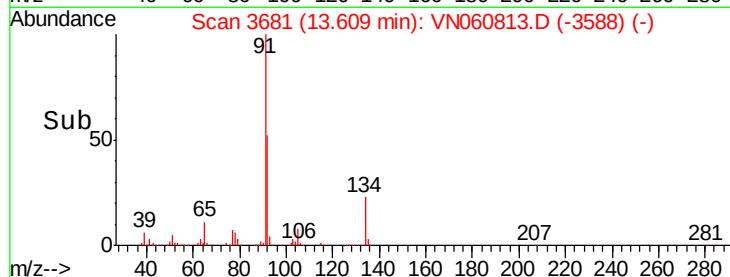
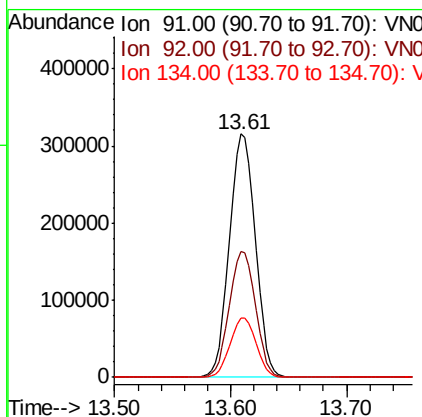
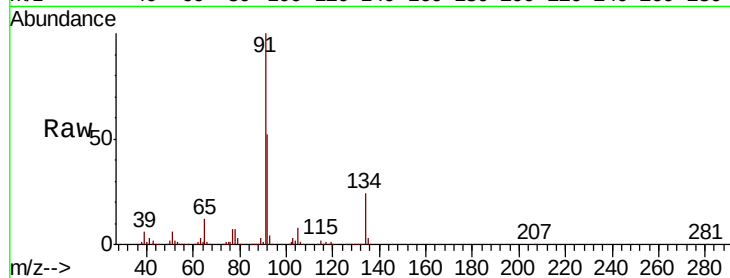




#89
n-Butylbenzene
Concen: 58.636 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

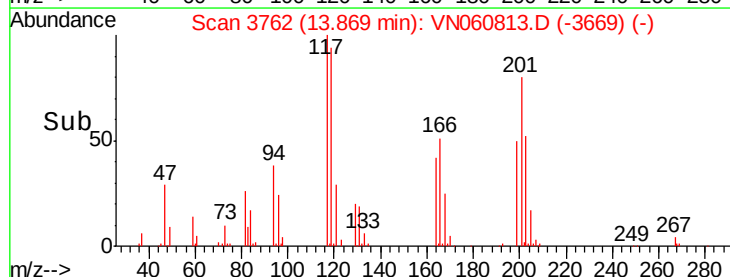
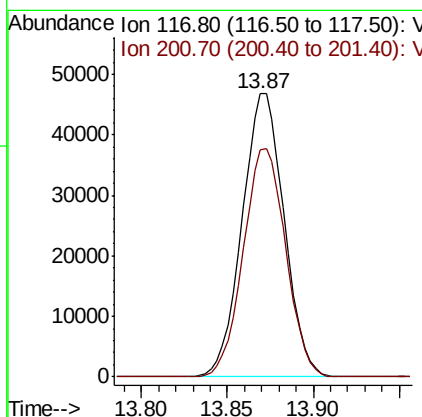
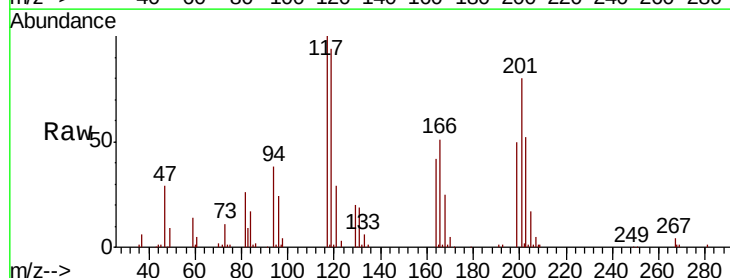
Instrument :
MSVOA_N
ClientSampleId :

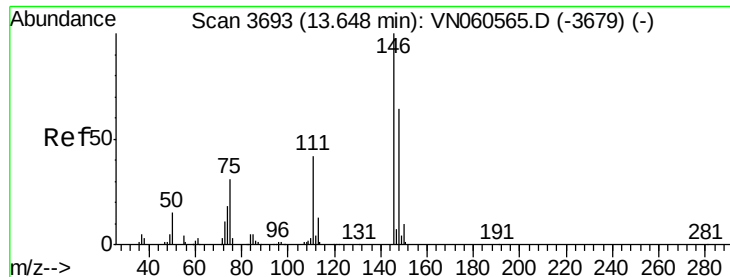
Tot Ion: 91 Resp: 486010
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 59.529 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion: 117 Resp: 79439
Ion Ratio Lower Upper
117 100
201 81.3 40.8 122.5

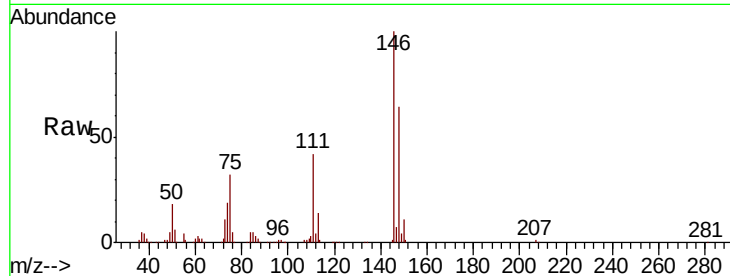




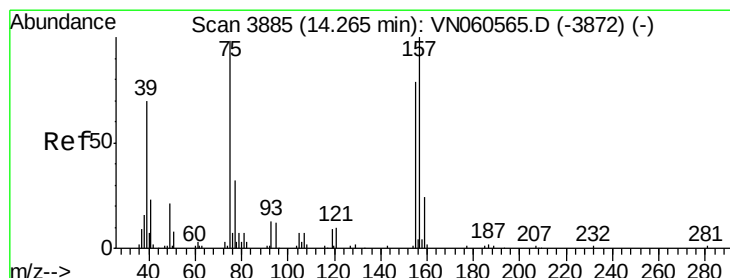
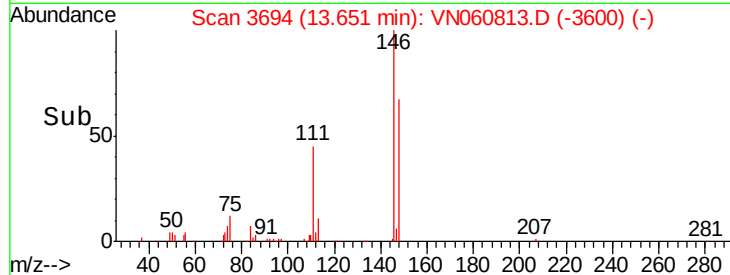
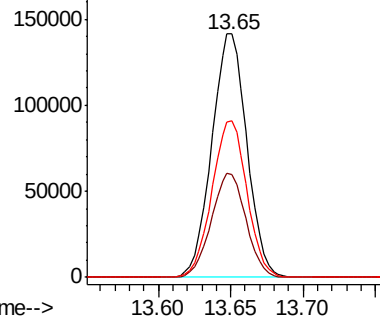
#91
 1,2-Dichlorobenzene
 Concen: 54.123 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	64.1	31.9	95.5

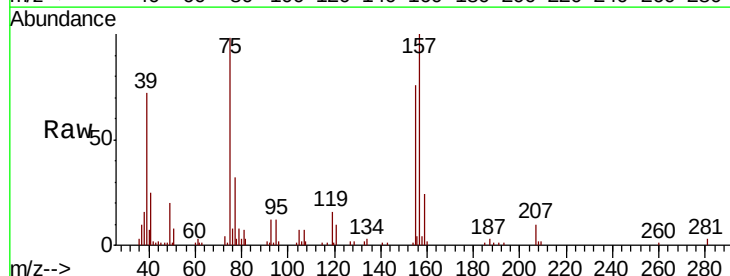


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

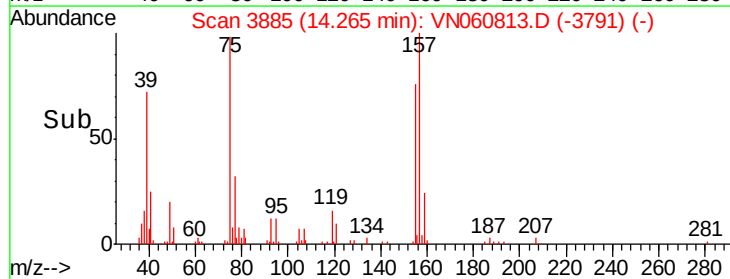
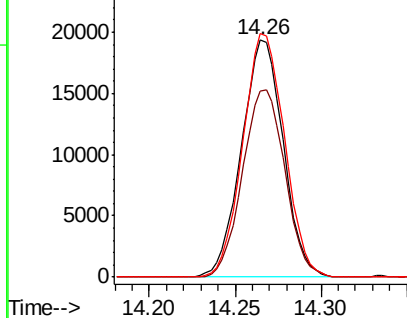


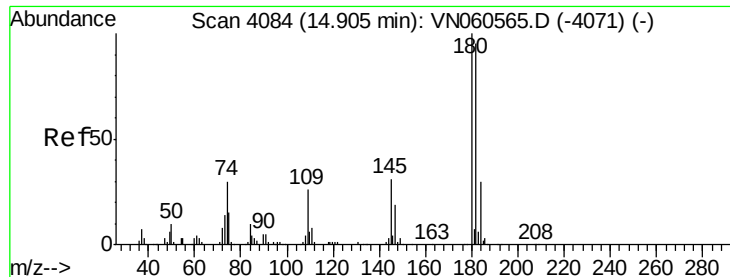
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.719 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	40.7	122.1
157	102.2	51.5	154.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

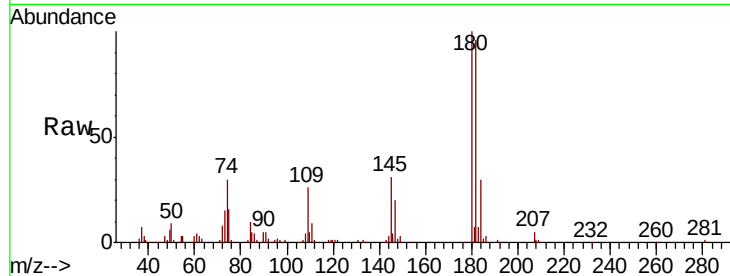




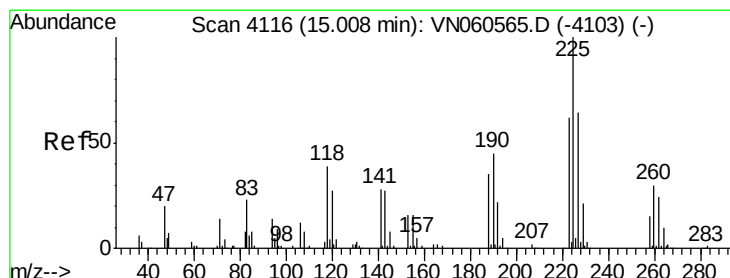
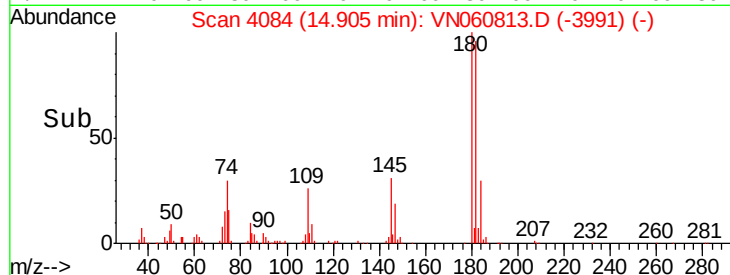
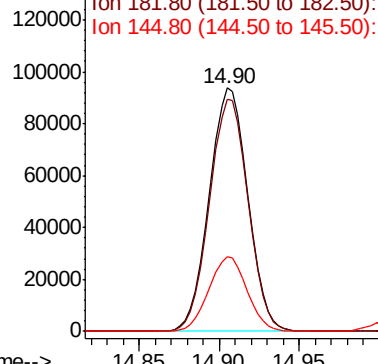
#93
 1,2,4-Trichlorobenzene
 Concen: 57.242 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 154165
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.8
 145 30.3 15.4 46.2

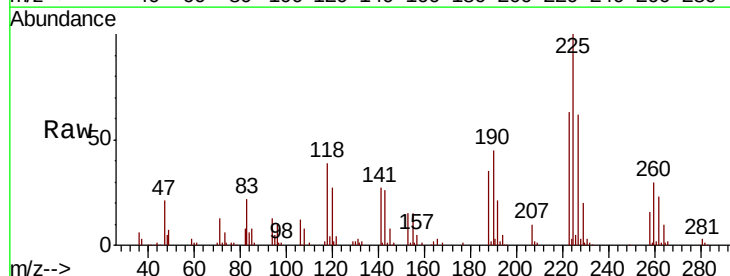


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

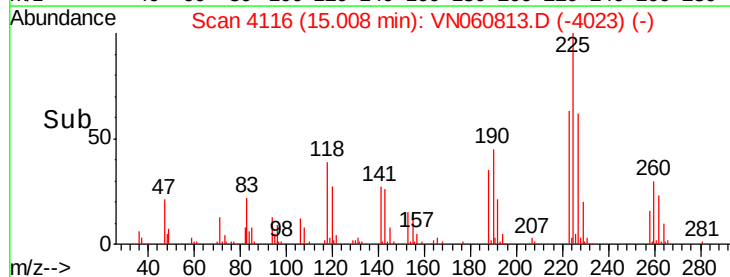
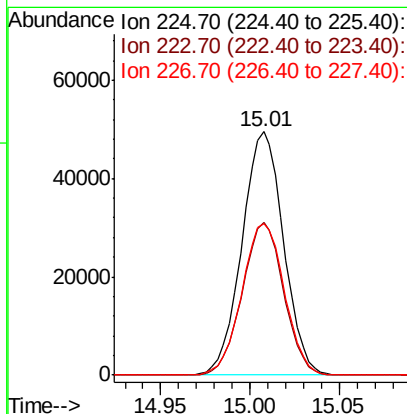


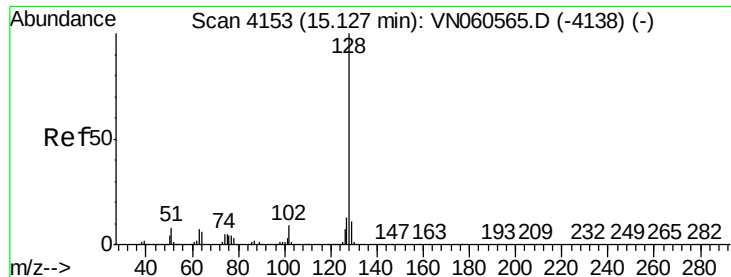
#94
 Hexachlorobutadiene
 Concen: 60.931 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060813.D
 Acq: 2 Apr 2020 10:33

Tgt Ion:225 Resp: 80446
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 63.7 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

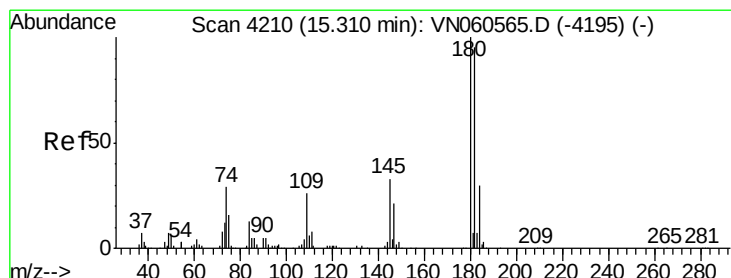
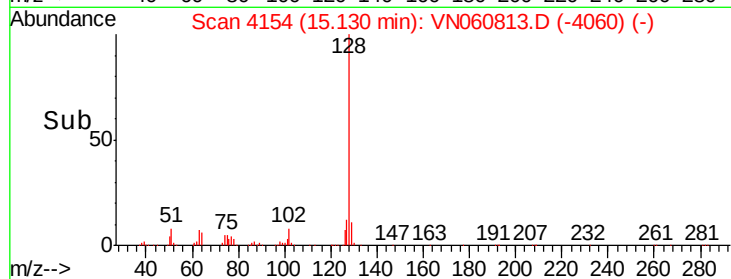
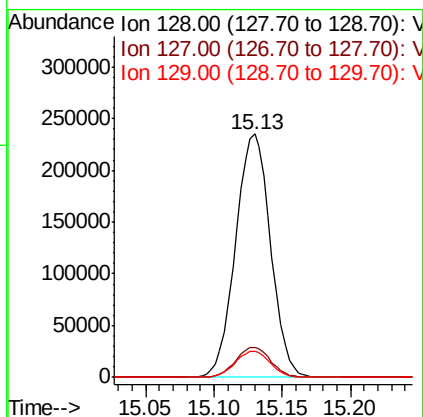
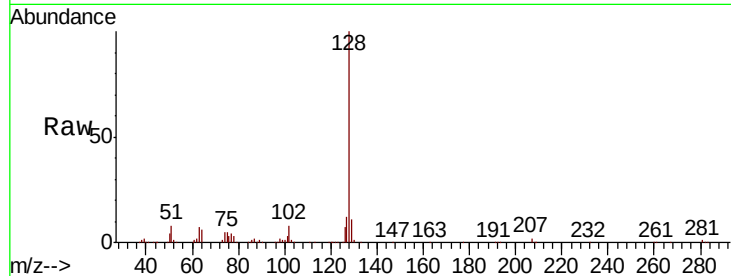




#95
Naphthalene
Concen: 51.560 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 417667
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.906 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060813.D
Acq: 2 Apr 2020 10:33

Tgt Ion:180 Resp: 145654
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.6
145 31.9 16.3 48.8

