

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032020\
 Data File : VN060648.D
 Acq On : 20 Mar 2020 13:23
 Operator : JC/MD
 Sample : VN0320WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 20 23:22:59 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	195476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	321744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139268	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	129912	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	7.56	113	96136	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	10.08	98	386239	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.40	95	140309	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	37137	19.635	ug/l	99
3) Chloromethane	2.04	50	62485	17.689	ug/l	99
4) Vinyl Chloride	2.16	62	50285	18.200	ug/l	98
5) Bromomethane	2.55	94	24160	20.256	ug/l	96
6) Chloroethane	2.68	64	29890	18.780	ug/l	100
7) Trichlorofluoromethane	3.00	101	63903	18.775	ug/l	98
8) Diethyl Ether	3.38	74	25713	18.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	38376	19.458	ug/l	99
10) Methyl Iodide	3.93	142	34959	19.921	ug/l	100
11) Tert butyl alcohol	4.73	59	37682	95.482	ug/l	99
12) 1,1-Dichloroethene	3.71	96	38857	18.360	ug/l	97
13) Acrolein	3.58	56	29704	67.912	ug/l	98
14) Allyl chloride	4.29	41	69332	18.626	ug/l	97
15) Acrylonitrile	4.94	53	104804	90.309	ug/l	99
16) Acetone	3.78	43	93469	98.334	ug/l	100
17) Carbon Disulfide	4.03	76	118315	18.382	ug/l	100
18) Methyl Acetate	4.28	43	48239	18.030	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	133056	18.286	ug/l	100
20) Methylene Chloride	4.52	84	43490	18.599	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	41677	18.477	ug/l	97
22) Diisopropyl ether	5.91	45	150496	19.137	ug/l	99
23) Vinyl Acetate	5.86	43	607336	94.654	ug/l	100
24) 1,1-Dichloroethane	5.82	63	81937	19.113	ug/l	99
25) 2-Butanone	6.80	43	140456	91.317	ug/l	100
26) 2,2-Dichloropropane	6.79	77	69727	20.672	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	48673	18.989	ug/l	99
28) Bromochloromethane	7.17	49	41076	20.026	ug/l	99
29) Tetrahydrofuran	7.18	42	97132	89.253	ug/l	99
30) Chloroform	7.35	83	78546	19.112	ug/l	100
31) Cyclohexane	7.63	56	79773	18.457	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	66798	18.854	ug/l	97
36) 1,1-Dichloropropene	7.77	75	61093	19.610	ug/l	100
37) Ethyl Acetate	6.89	43	61065	18.140	ug/l	99
38) Carbon Tetrachloride	7.75	117	52635	18.850	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	72403	19.556	ug/l	97
40) Benzene	8.02	78	182331	19.387	ug/l	99
41) Methacrylonitrile	7.18	41	87560	60.947	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	62784	19.534	ug/l	98
43) Isopropyl Acetate	8.14	43	101909	18.356	ug/l	100
44) Trichloroethene	8.82	130	47304	19.952	ug/l	100
45) 1,2-Dichloropropane	9.10	63	49247	19.845	ug/l	98
46) Dibromomethane	9.19	93	29228	19.481	ug/l	99
47) Bromodichloromethane	9.39	83	60819	19.508	ug/l	99
48) Methyl methacrylate	9.18	41	45707	18.491	ug/l	97
49) 1,4-Dioxane	9.18	88	14028	477.464	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	294637	93.263	ug/l	100
52) Toluene	10.14	92	110608	19.474	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	70372	19.651	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	75983	19.340	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	42112	19.272	ug/l	97
56) Ethyl methacrylate	10.42	69	63497	18.636	ug/l	98
57) 1,3-Dichloropropane	10.70	76	74109	19.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	165584	97.783	ug/l	100
59) 2-Hexanone	10.74	43	211845	93.089	ug/l	99
60) Dibromochloromethane	10.89	129	43688	19.355	ug/l	99
61) 1,2-Dibromoethane	10.99	107	42233	19.221	ug/l	100
64) Tetrachloroethene	10.62	164	46365	20.100	ug/l	98
65) Chlorobenzene	11.43	112	112879	19.424	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	40873	19.426	ug/l	99
67) Ethyl Benzene	11.50	91	210834	19.509	ug/l	99
68) m/p-Xylenes	11.62	106	155078	38.616	ug/l	98
69) o-Xylene	11.94	106	75636	19.730	ug/l	99
70) Styrene	11.96	104	119926	19.127	ug/l	100
71) Bromoform	12.12	173	30685	18.638	ug/l #	98
73) Isopropylbenzene	12.25	105	198782	19.019	ug/l	100
74) N-amyl acetate	12.06	43	85921	17.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	58902	18.636	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	79351	26.405	ug/l #	100
77) Bromobenzene	12.52	156	47213	18.747	ug/l	99
78) n-propylbenzene	12.59	91	235738	19.091	ug/l	99
79) 2-Chlorotoluene	12.67	91	138706	18.800	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	168456	18.993	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	20664	17.660	ug/l	95
82) 4-Chlorotoluene	12.77	91	142517	18.966	ug/l	100
83) tert-Butylbenzene	12.99	119	138303	18.810	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	168269	19.177	ug/l	99
85) sec-Butylbenzene	13.17	105	187626	18.977	ug/l	100
86) p-Isopropyltoluene	13.28	119	167075	18.792	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	84581	19.042	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84820	19.007	ug/l	98
89) n-Butylbenzene	13.61	91	151258	18.844	ug/l	99
90) Hexachloroethane	13.87	117	22172	17.157	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82584	19.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11234	16.792	ug/l	99

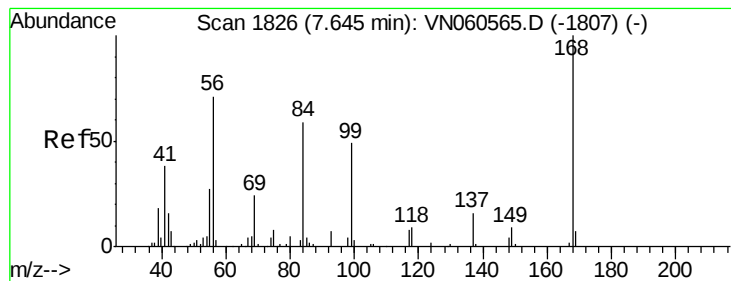
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	49658	19.039	ug/l	99
94) Hexachlorobutadiene	15.01	225	23710	18.544	ug/l	99
95) Naphthalene	15.13	128	143123	18.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	48406	18.842	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

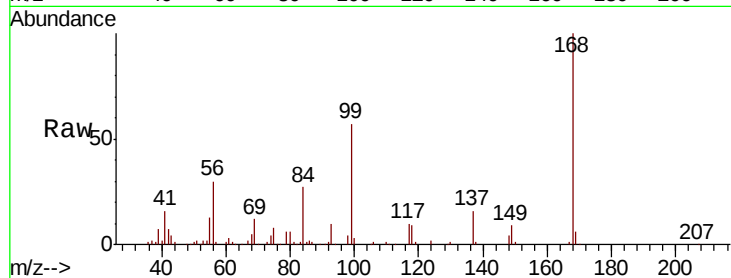
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 195476

Ion Ratio Lower Upper

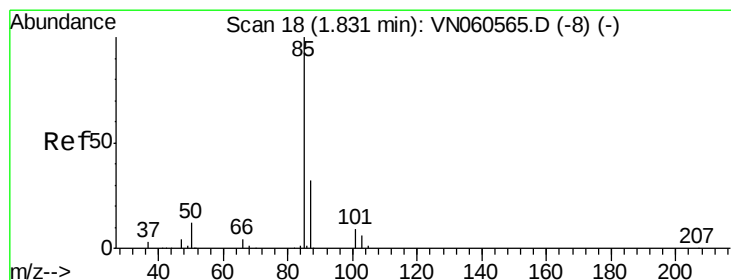
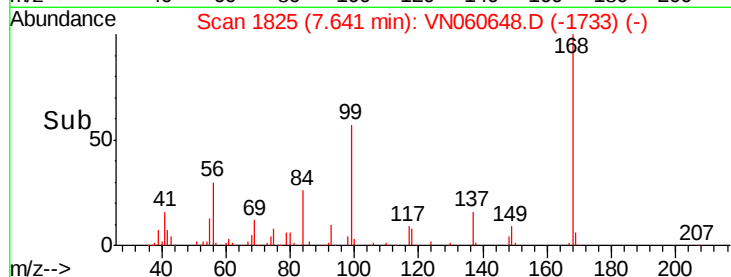
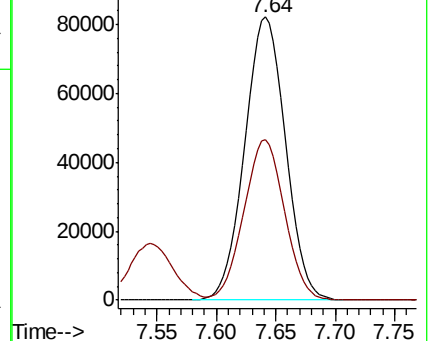
168 100

99 56.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.635 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060648.D

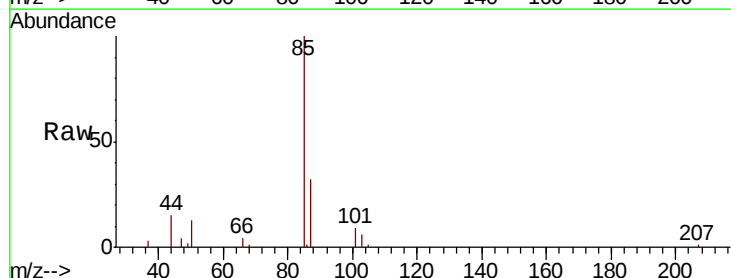
Acq: 20 Mar 2020 13:23

Tgt Ion: 85 Resp: 37137

Ion Ratio Lower Upper

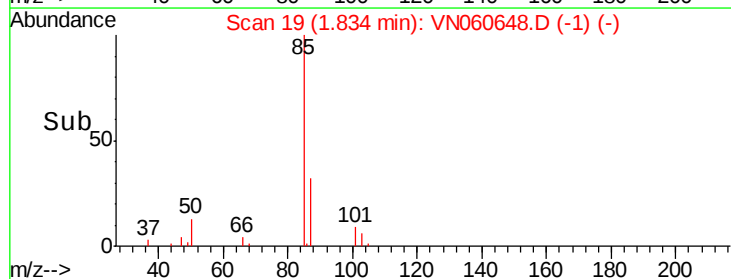
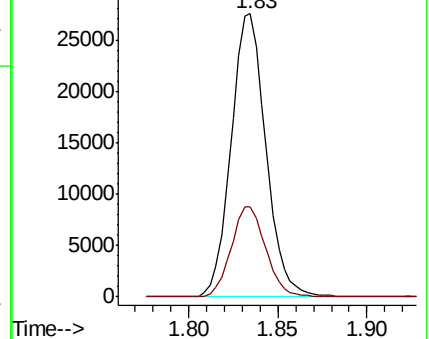
85 100

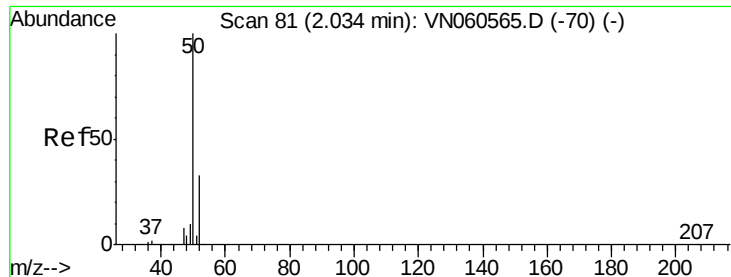
87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.689 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

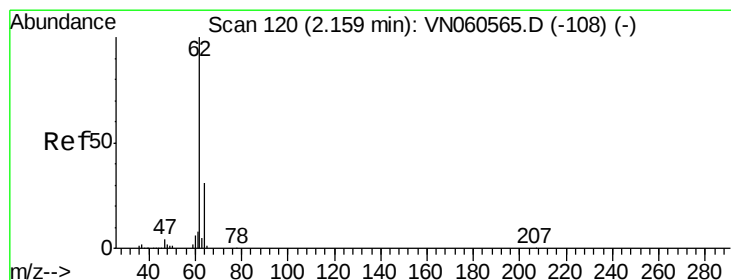
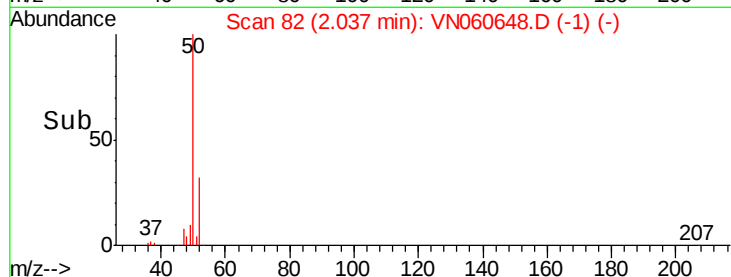
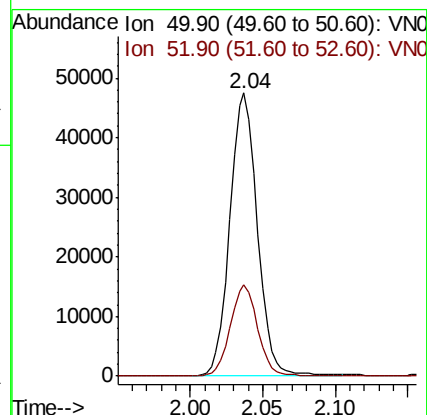
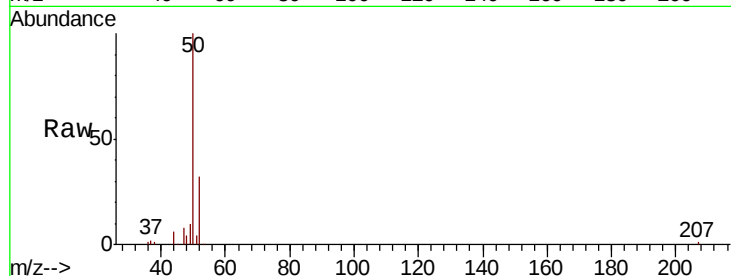
ClientSampled :

Tot Ion: 50 Resp: 62485

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



#4

Vinyl Chloride

Concen: 18.200 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060648.D

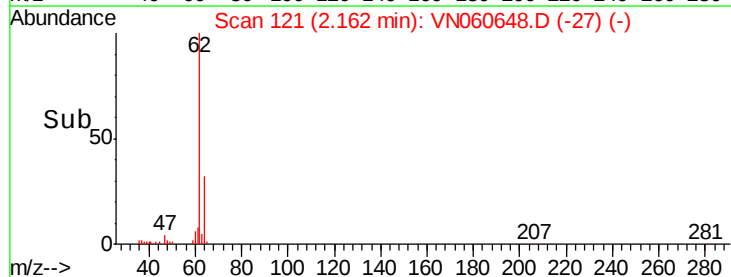
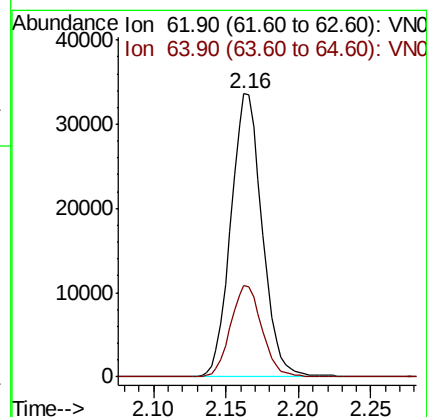
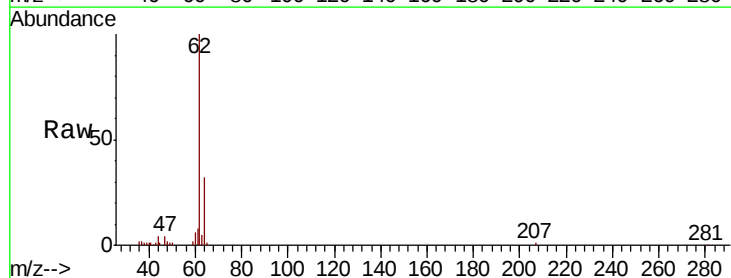
Acq: 20 Mar 2020 13:23

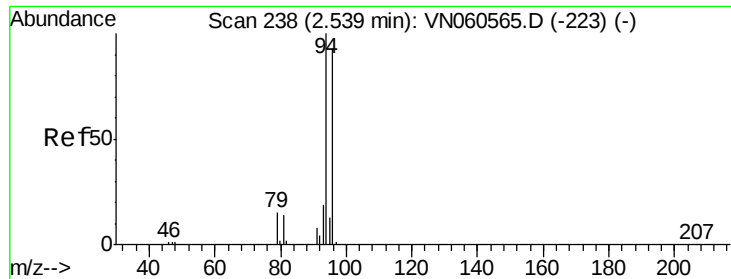
Tgt Ion: 62 Resp: 50285

Ion Ratio Lower Upper

62 100

64 32.2 24.7 37.1





#5

Bromomethane

Concen: 20.256 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

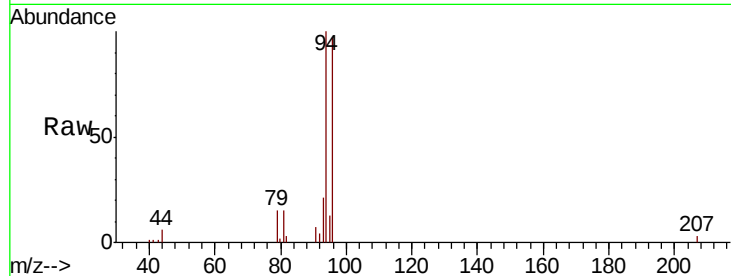
ClientSampled :

Tot Ion: 94 Resp: 24160

Ion Ratio Lower Upper

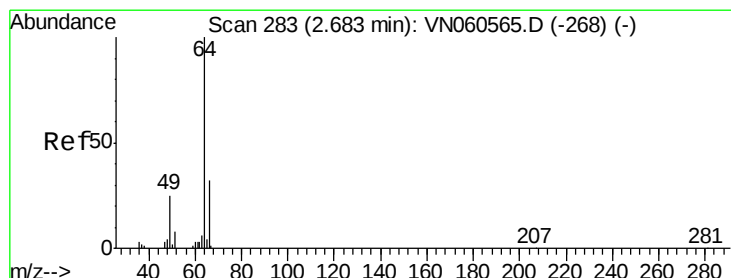
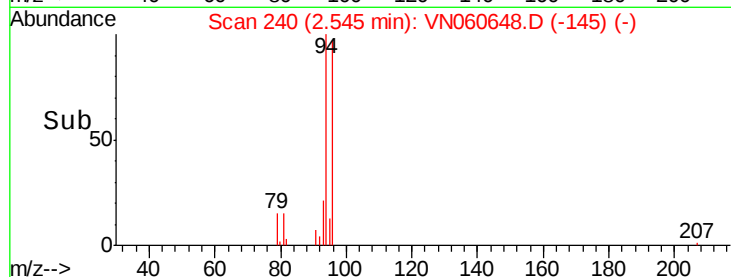
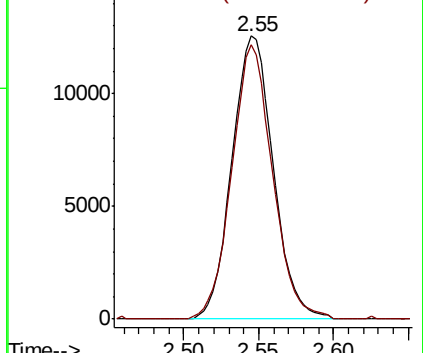
94 100

96 96.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.780 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060648.D

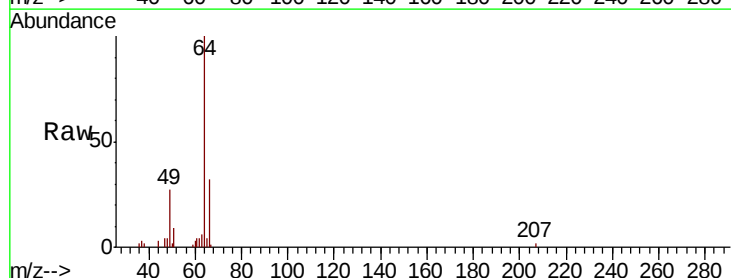
Acq: 20 Mar 2020 13:23

Tgt Ion: 64 Resp: 29890

Ion Ratio Lower Upper

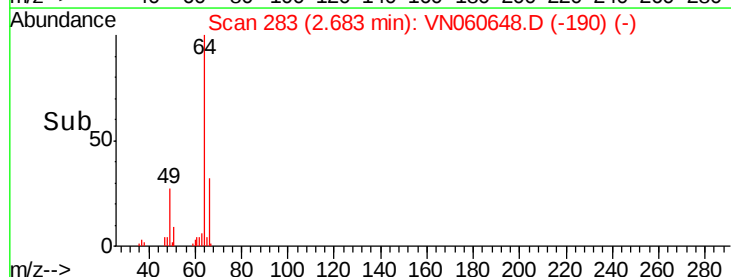
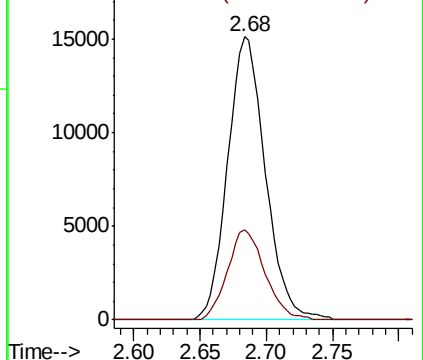
64 100

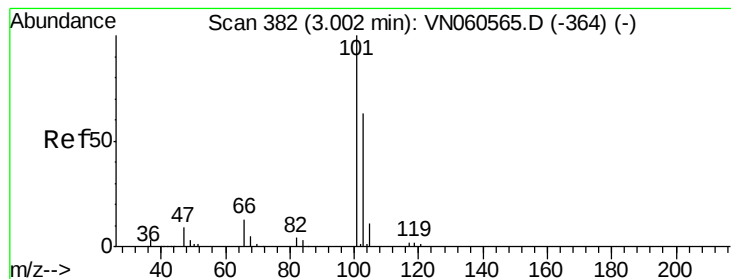
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



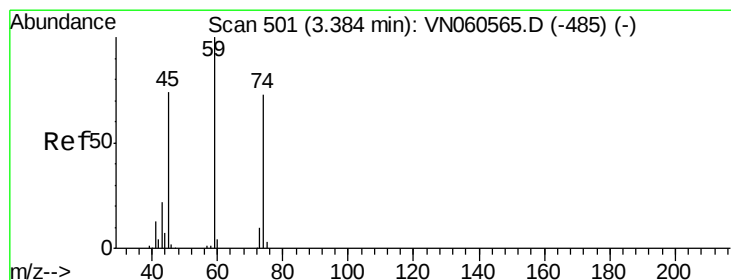
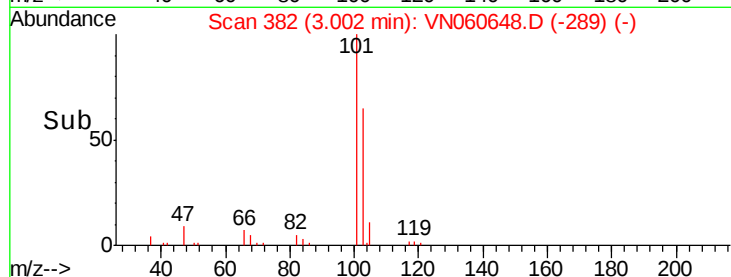
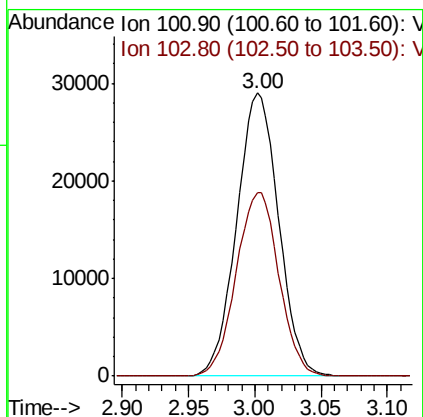
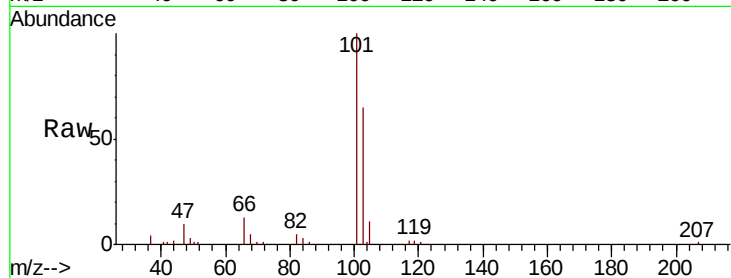


#7

Trichlorofluoromethane
 Concen: 18.775 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :

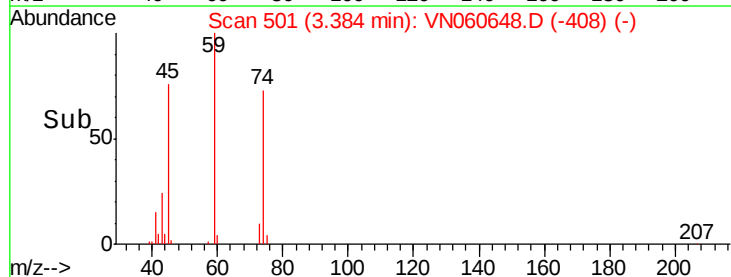
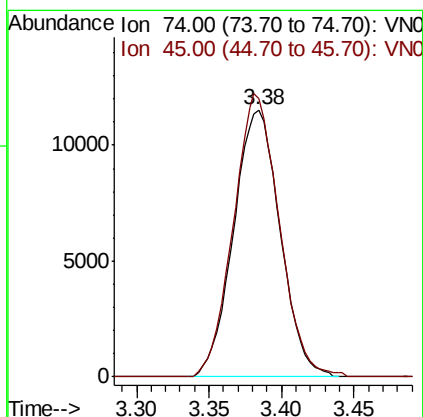
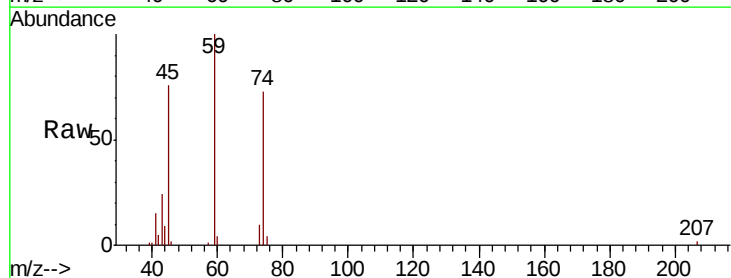
Tot Ion:101 Resp: 63903
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0



#8

Diethyl Ether
 Concen: 18.806 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Tgt Ion: 74 Resp: 25713
 Ion Ratio Lower Upper
 74 100
 45 104.2 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.458 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

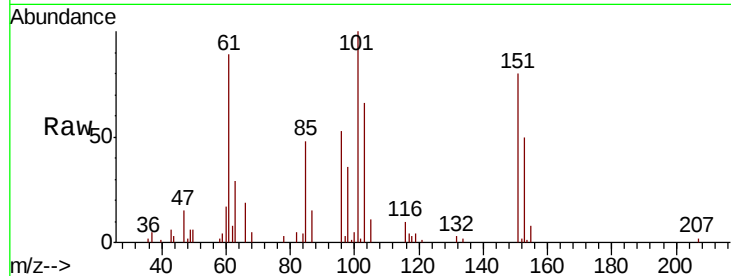
Tot Ion:101 Resp: 38376

Ion Ratio Lower Upper

101 100

85 45.3 35.6 53.4

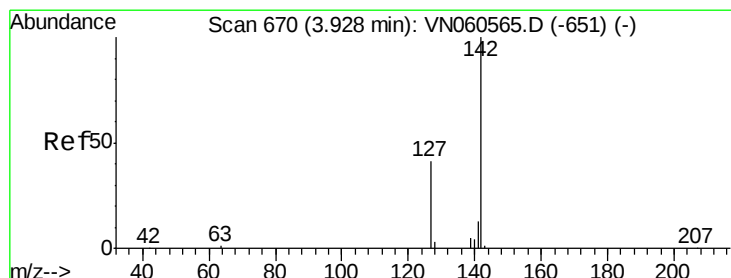
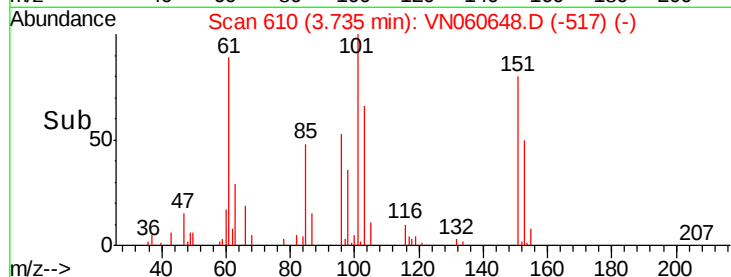
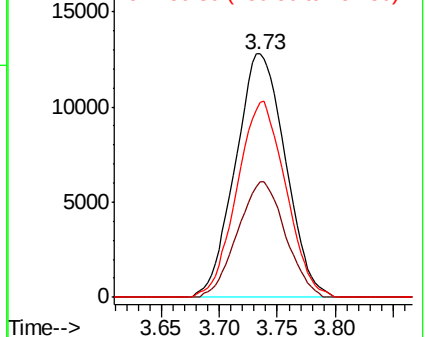
151 78.2 61.4 92.2



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: 19.921 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

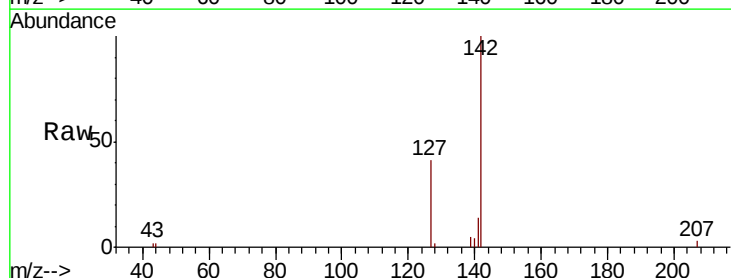
Tgt Ion:142 Resp: 34959

Ion Ratio Lower Upper

142 100

127 41.8 33.5 50.3

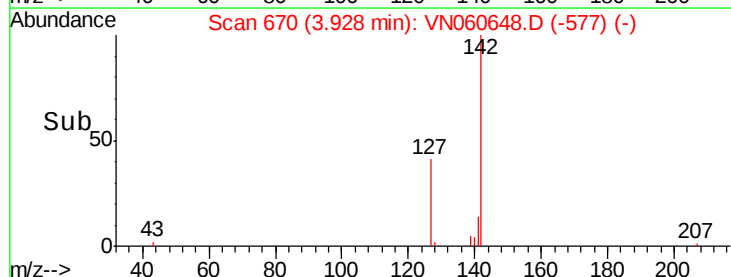
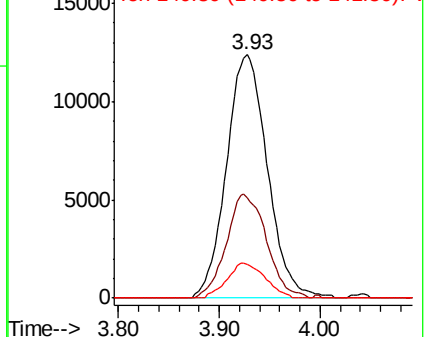
141 13.3 11.0 16.6

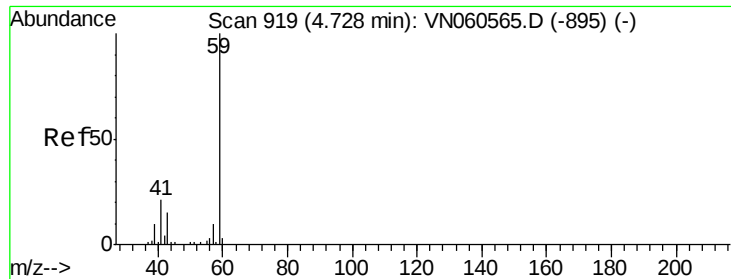


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



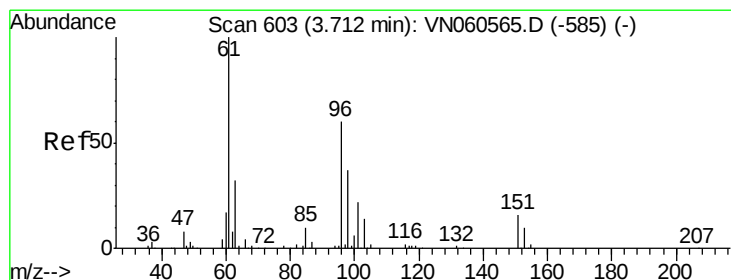
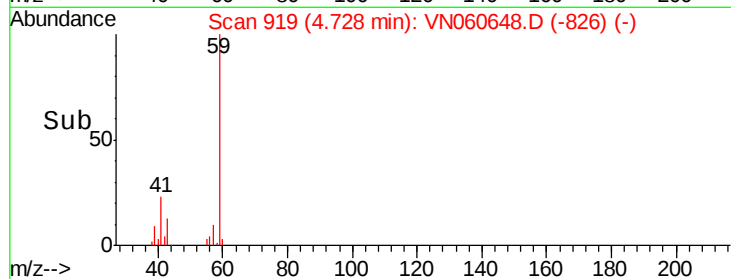
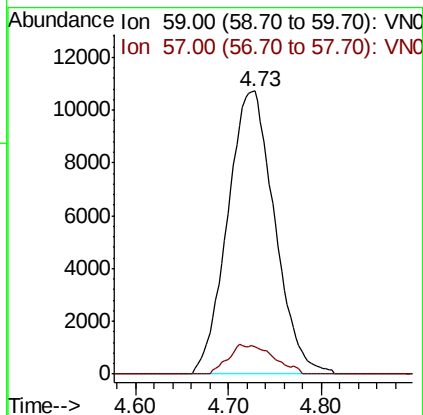
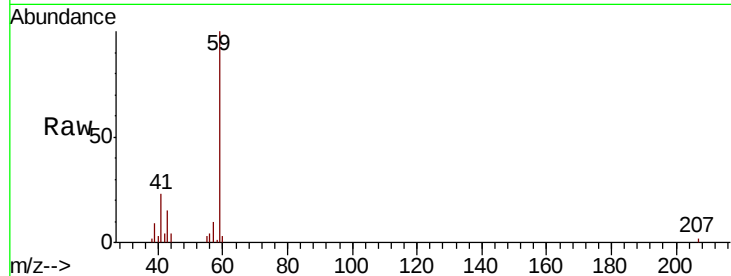


#11

Tert butyl alcohol
Concen: 95.482 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :

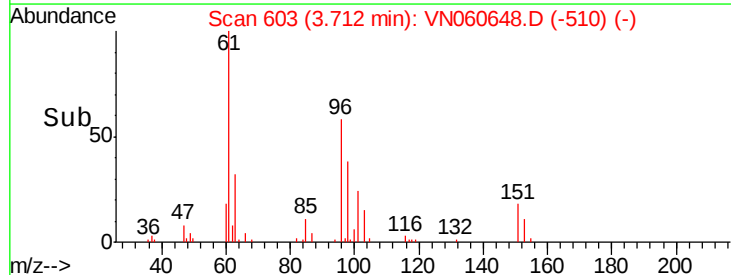
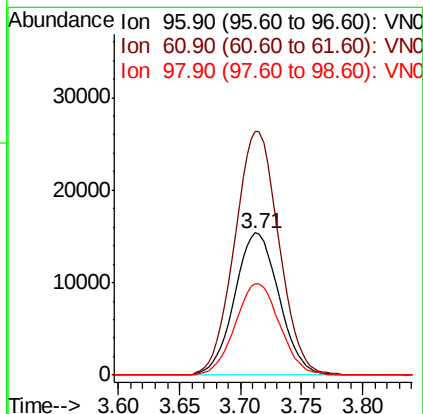
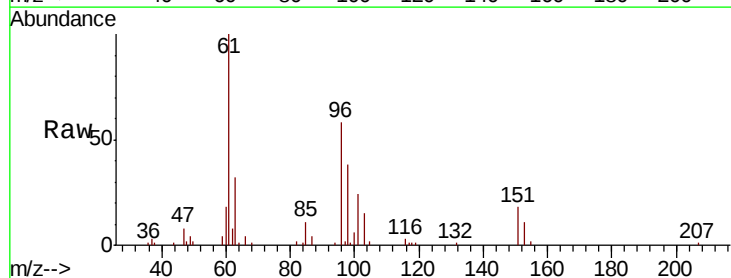
Tot Ion: 59 Resp: 37682
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

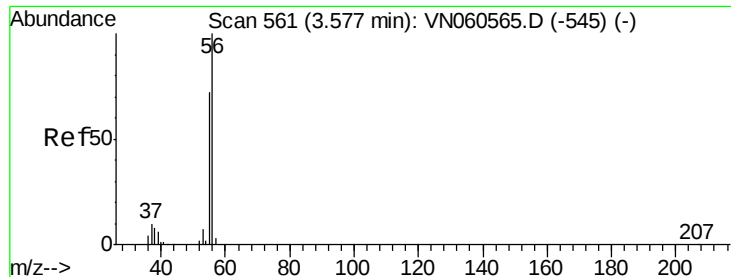


#12

1,1-Dichloroethene
Concen: 18.360 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 96 Resp: 38857
Ion Ratio Lower Upper
96 100
61 171.6 134.1 201.1
98 64.8 49.9 74.9

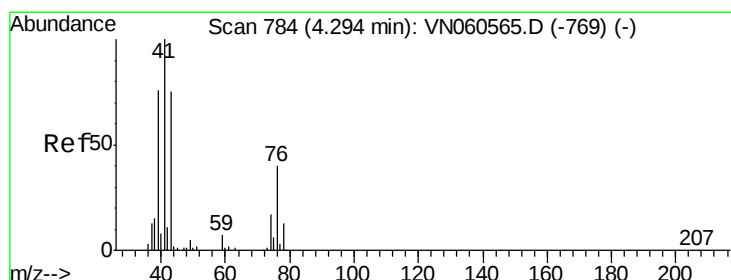
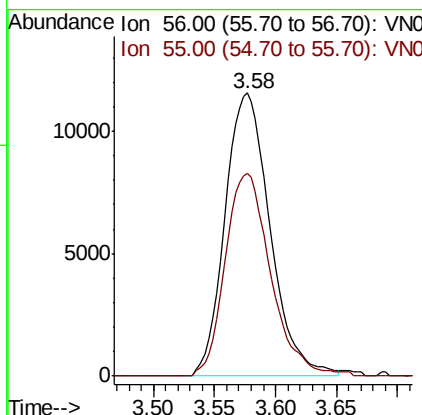
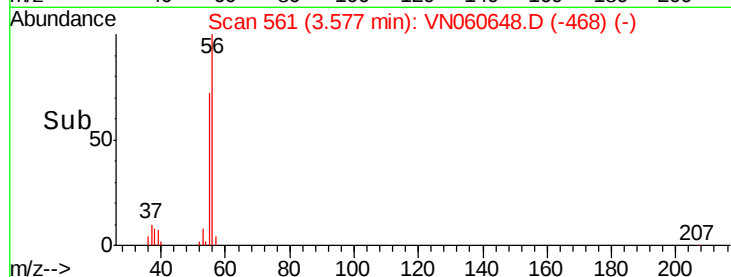
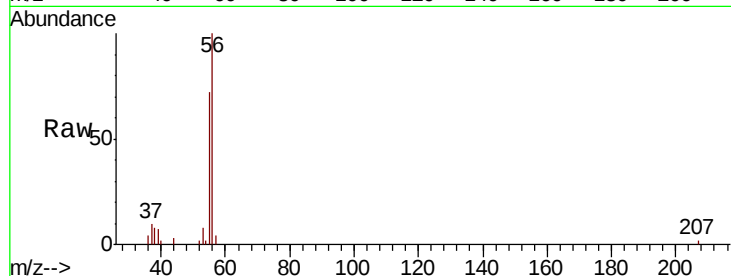




#13
Acrolein
Concen: 67.912 ug/l
RT: 3.58 min Scan# 561
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

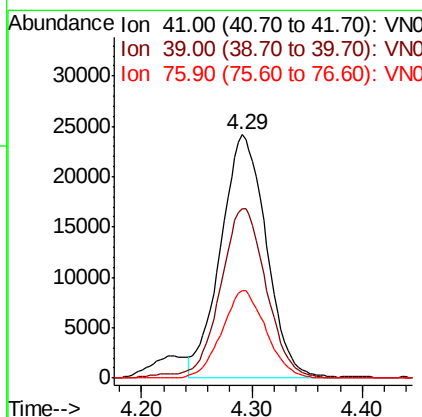
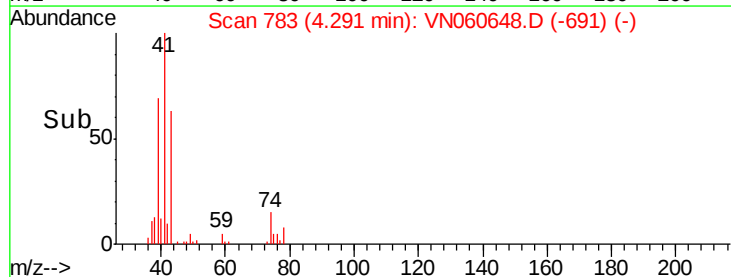
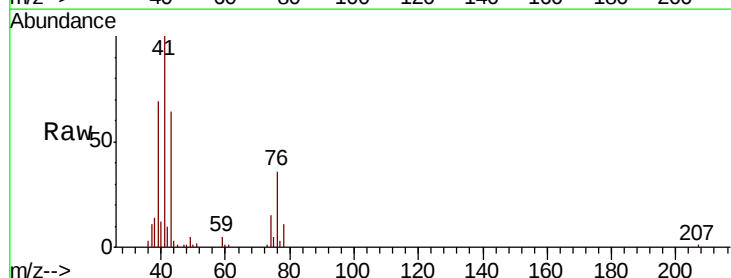
Instrument :
MSVOA_N
ClientSampled :

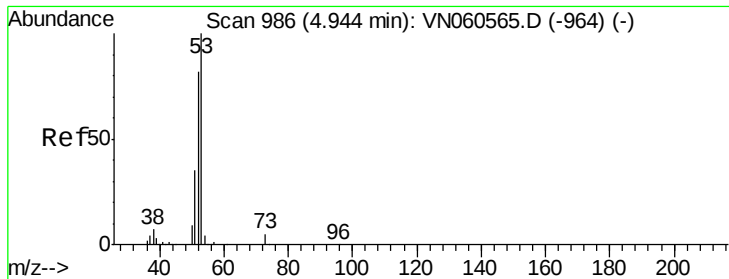
Tot Ion: 56 Resp: 29704
Ion Ratio Lower Upper
56 100
55 72.3 56.7 85.1



#14
Allyl chloride
Concen: 18.626 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 41 Resp: 69332
Ion Ratio Lower Upper
41 100
39 69.6 57.8 86.8
76 34.7 28.6 43.0





#15

Acrylonitrile

Concen: 90.309 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

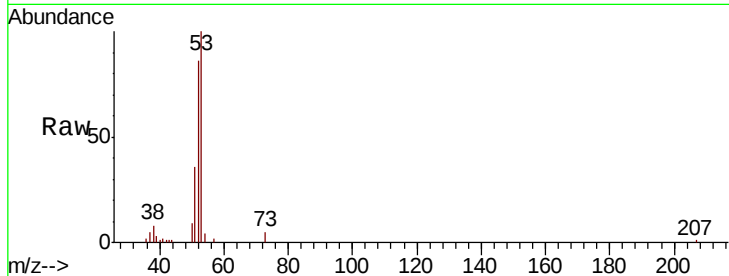
Tot Ion: 53 Resp: 104804

Ion Ratio Lower Upper

53 100

52 83.8 66.2 99.4

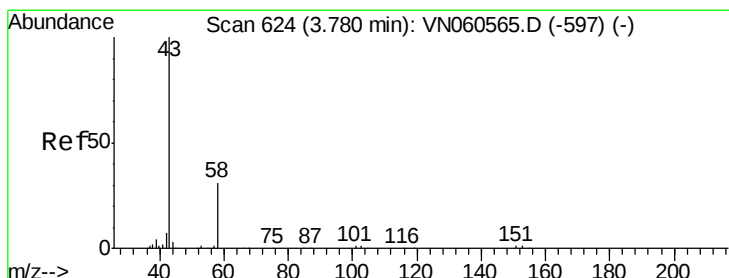
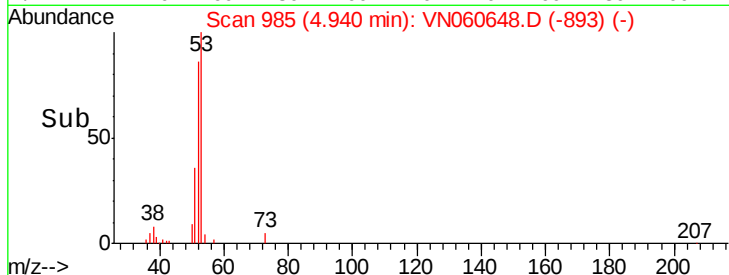
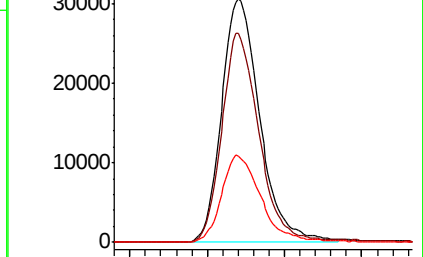
51 36.8 28.7 43.1



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

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

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



#16

Acetone

Concen: 98.334 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060648.D

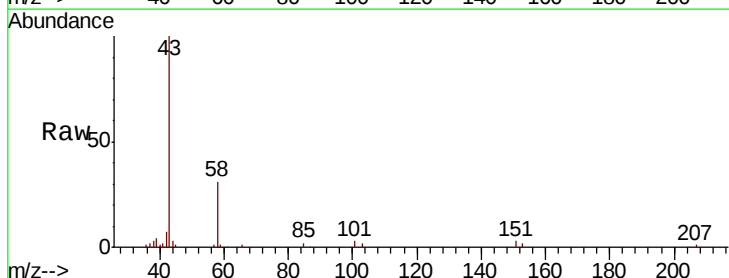
Acq: 20 Mar 2020 13:23

Tgt Ion: 43 Resp: 93469

Ion Ratio Lower Upper

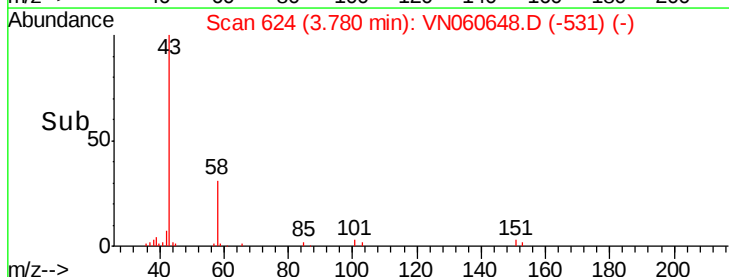
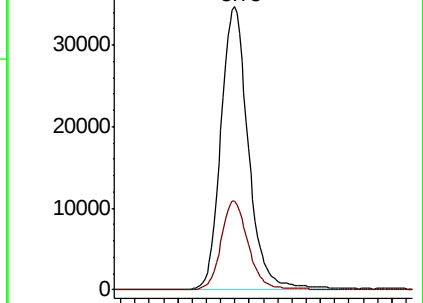
43 100

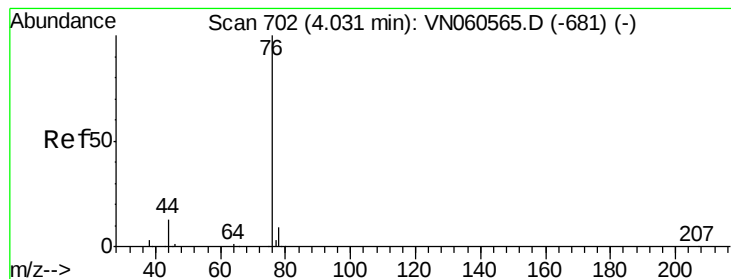
58 31.4 25.1 37.7



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

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





#17

Carbon Disulfide

Concen: 18.382 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

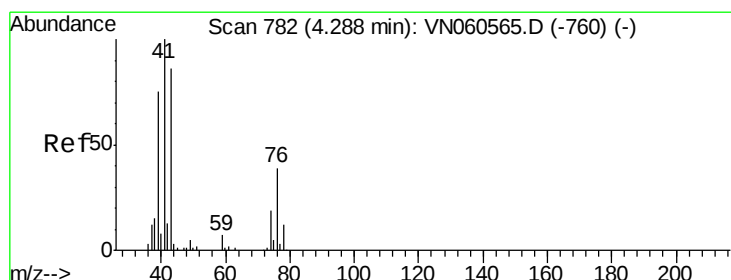
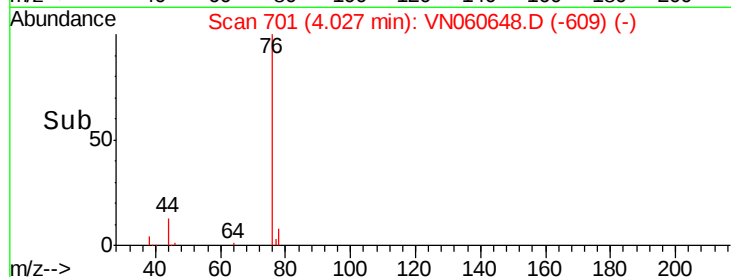
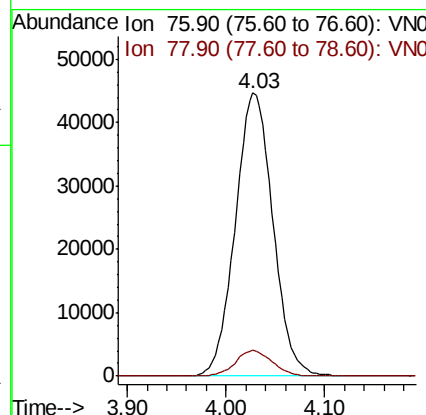
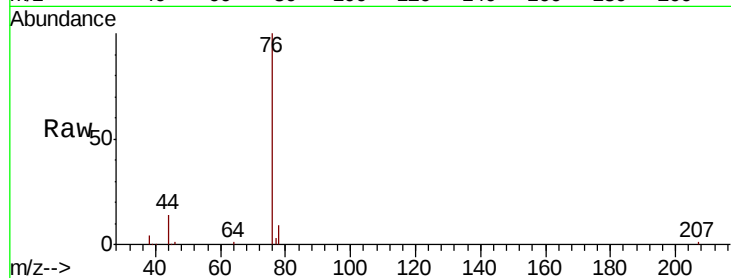
ClientSampled :

Tot Ion: 76 Resp: 118315

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 18.030 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060648.D

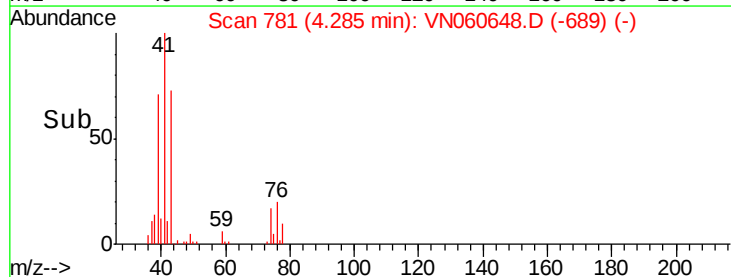
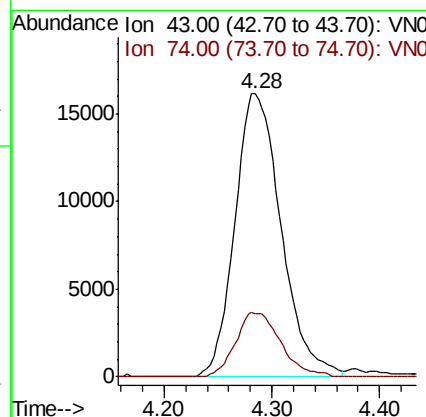
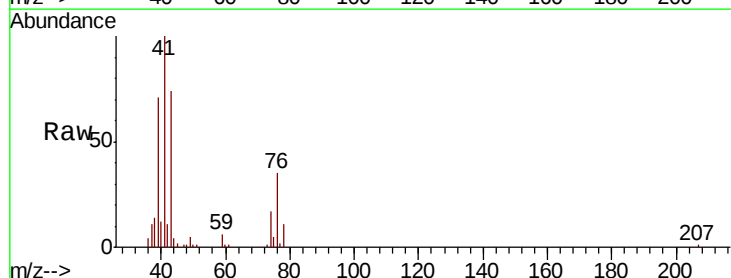
Acq: 20 Mar 2020 13:23

Tgt Ion: 43 Resp: 48239

Ion Ratio Lower Upper

43 100

74 22.1 17.5 26.3

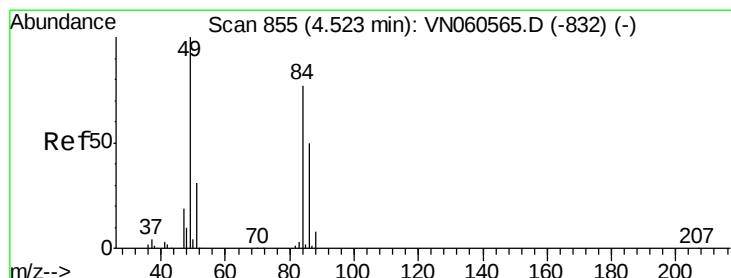
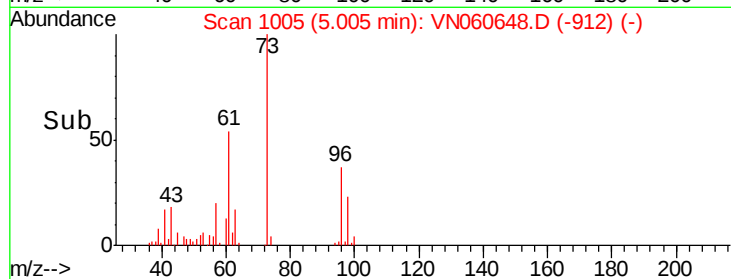
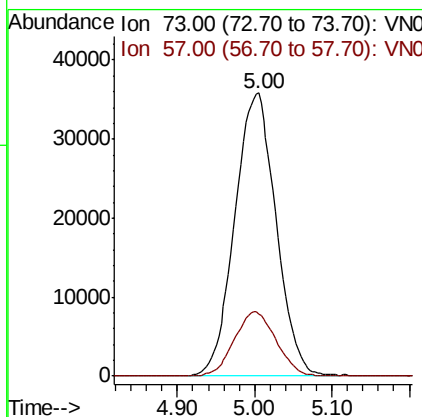
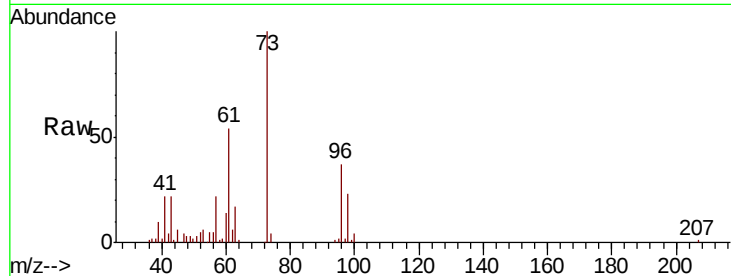




#19
Methvl tert-butvl Ether
Concen: 18.286 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

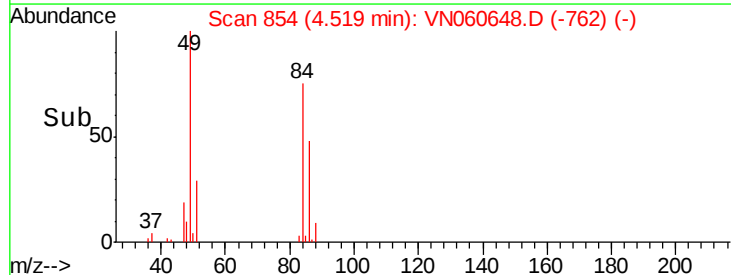
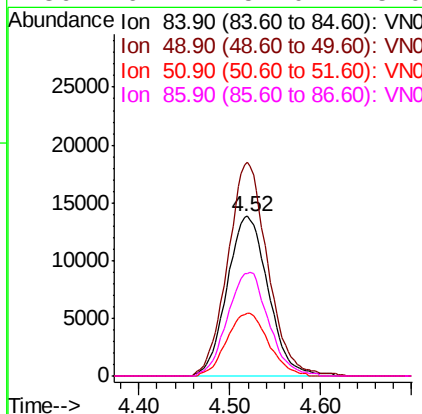
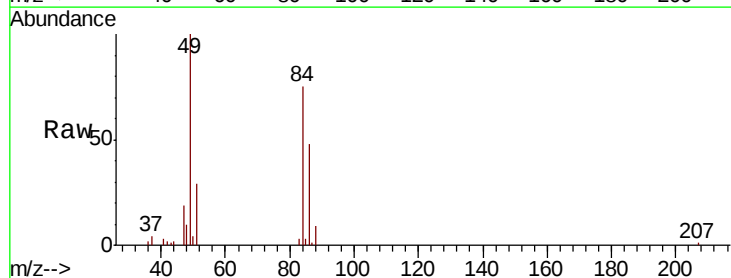
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 133056
Ion Ratio Lower Upper
73 100
57 22.1 17.5 26.3



#20
Methylene Chloride
Concen: 18.599 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 84 Resp: 43490
Ion Ratio Lower Upper
84 100
49 133.8 103.3 154.9
51 39.1 31.6 47.4
86 64.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.477 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

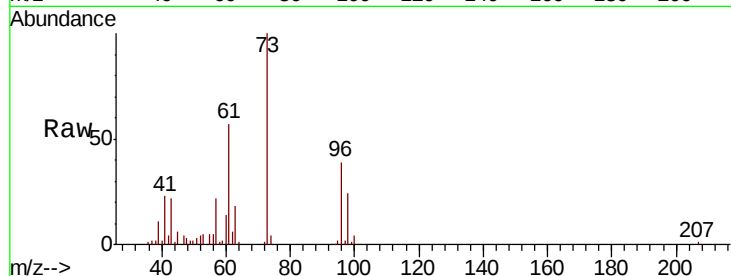
Tot Ion: 96 Resp: 41677

Ion Ratio Lower Upper

96 100

61 147.8 114.4 171.6

98 60.9 48.4 72.6

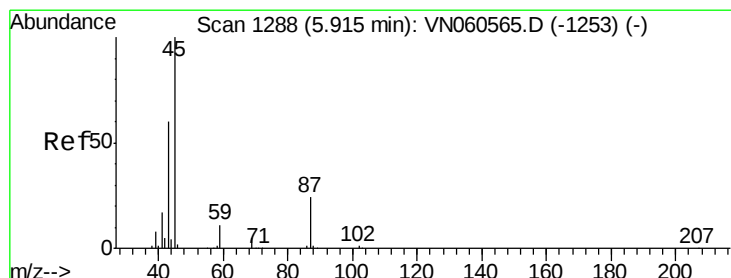
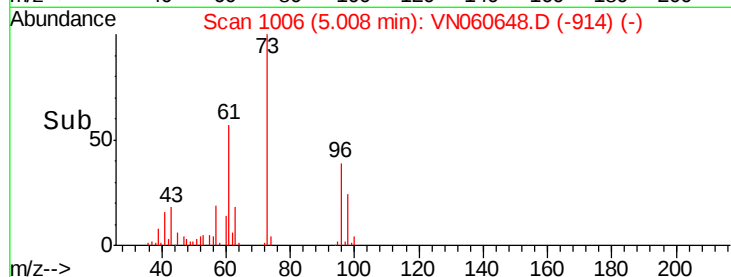
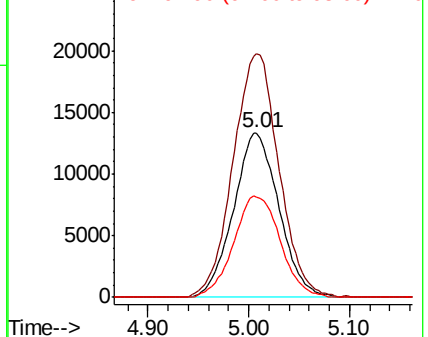


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.137 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Tgt Ion: 45 Resp: 150496

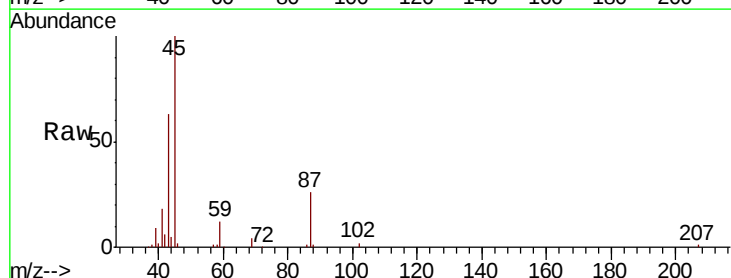
Ion Ratio Lower Upper

45 100

43 61.6 49.8 74.8

87 25.5 20.1 30.1

59 11.9 9.2 13.8



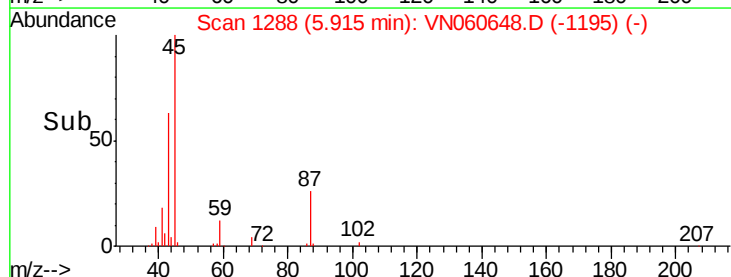
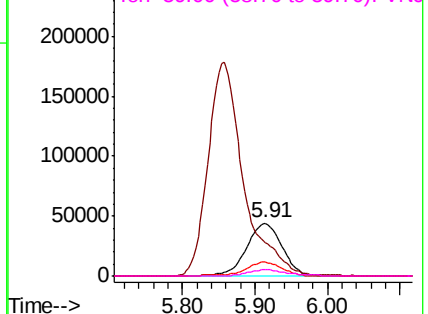
Abundance

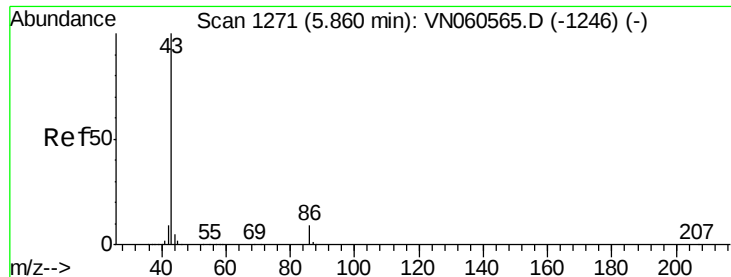
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

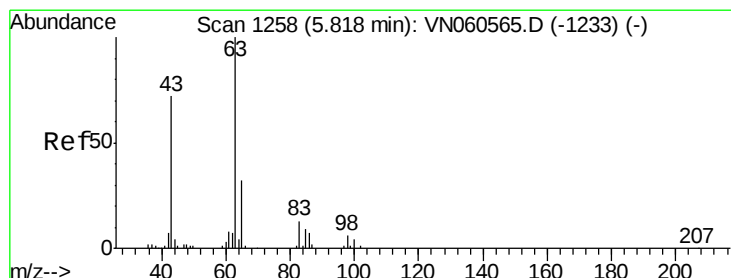
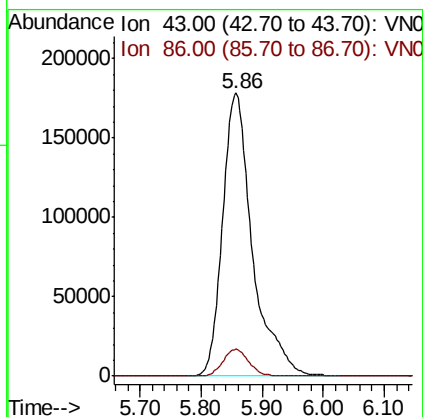
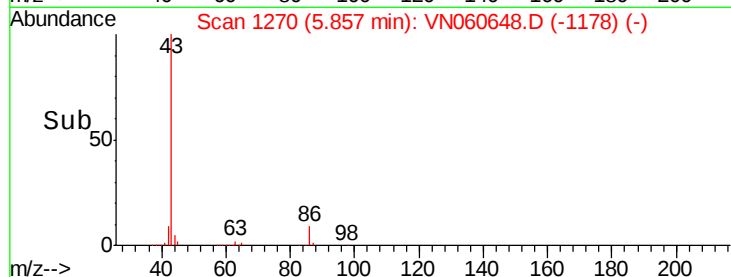
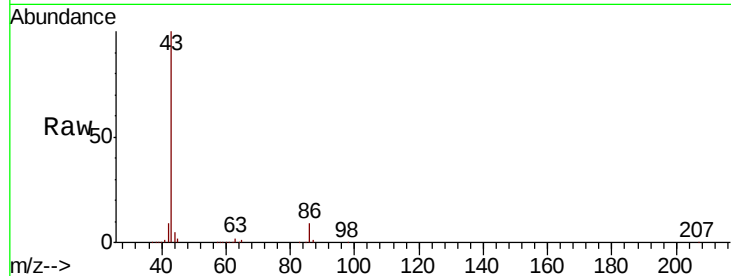




#23
 Vinyl Acetate
 Concen: 94.654 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

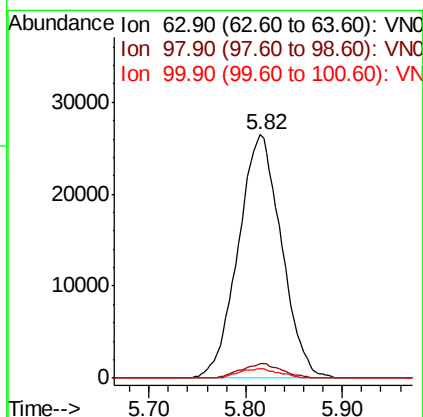
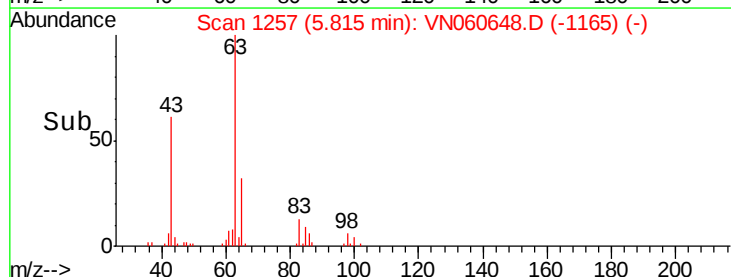
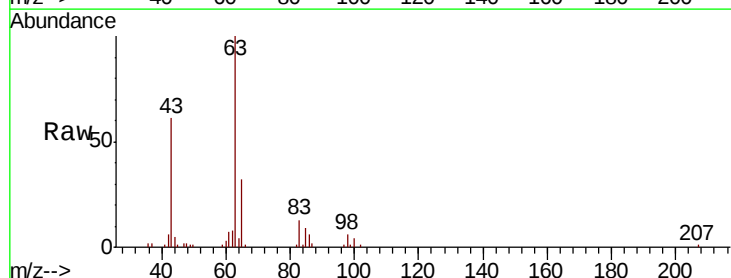
Instrument :
 MSVOA_N
 ClientSampleId :

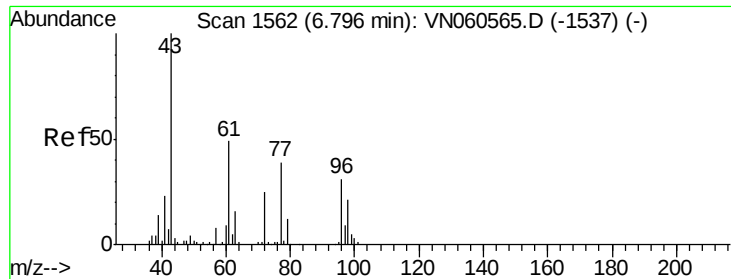
Tot Ion: 43 Resp: 607336
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 19.113 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Tgt Ion: 63 Resp: 81937
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.7
 100 4.1 1.8 5.5

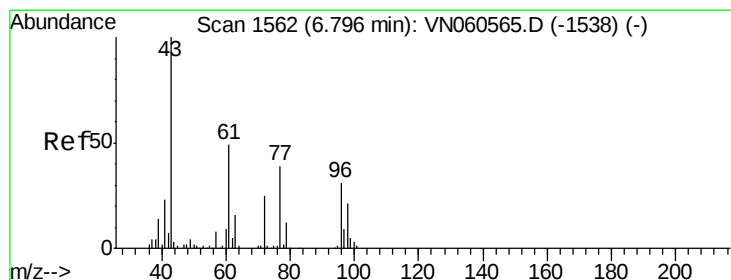
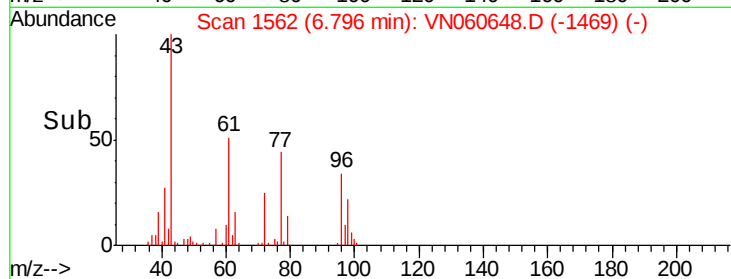
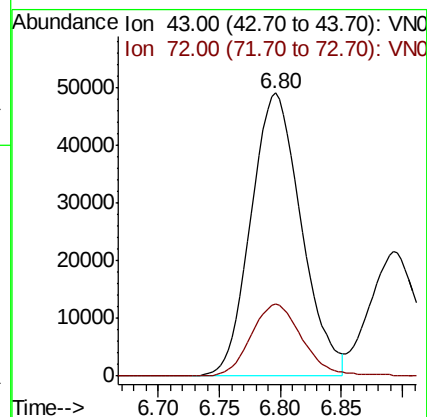
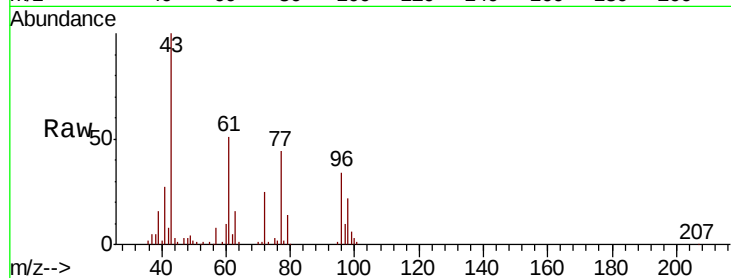




#25
 2-Butanone
 Concen: 91.317 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

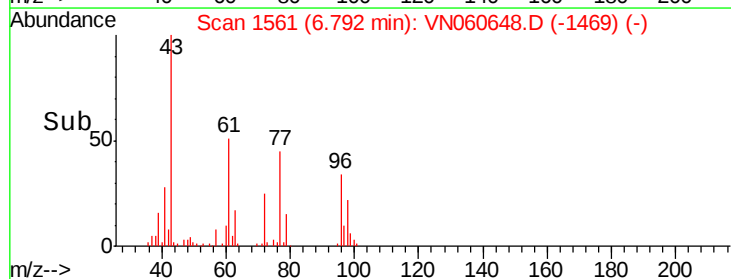
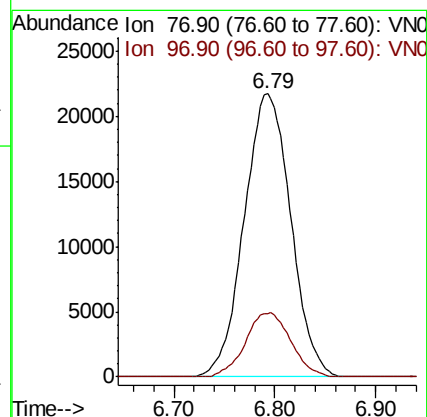
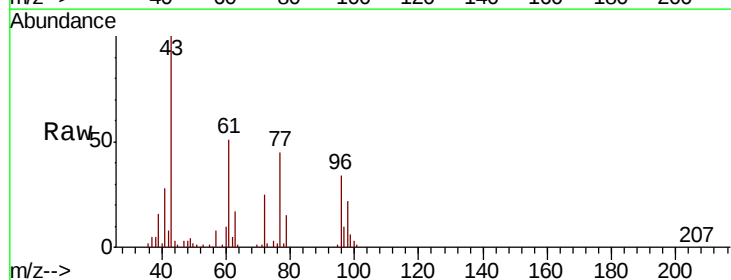
Instrument :
 MSVOA_N
 ClientSampled :

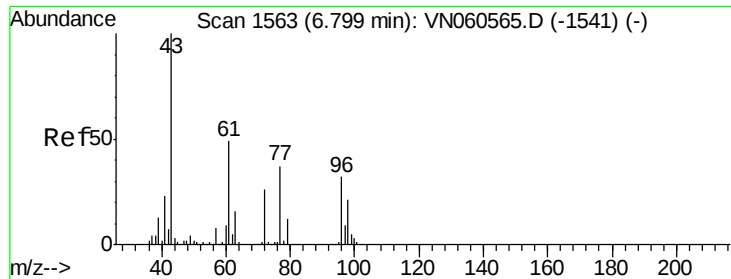
Tot Ion: 43 Resp: 140456
 Ion Ratio Lower Upper
 43 100
 72 25.5 20.4 30.6



#26
 2,2-Dichloropropane
 Concen: 20.672 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Tgt Ion: 77 Resp: 69727
 Ion Ratio Lower Upper
 77 100
 97 22.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.989 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

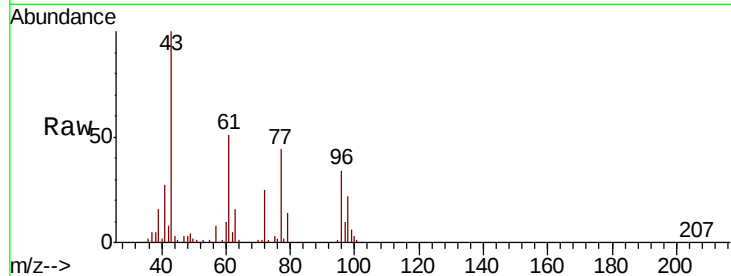
Tot Ion: 96 Resp: 48673

Ion Ratio Lower Upper

96 100

61 155.4 0.0 305.6

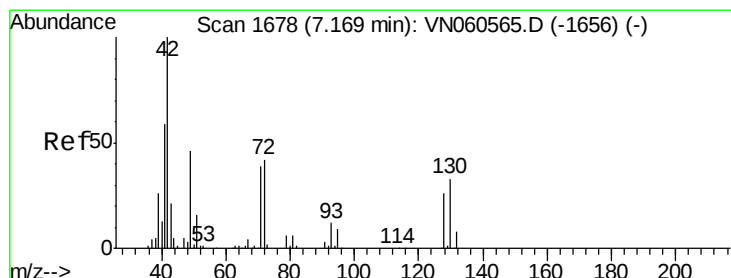
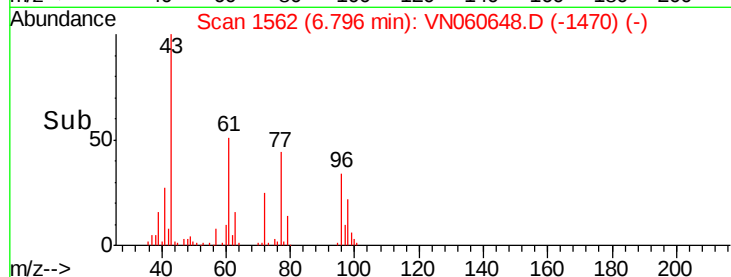
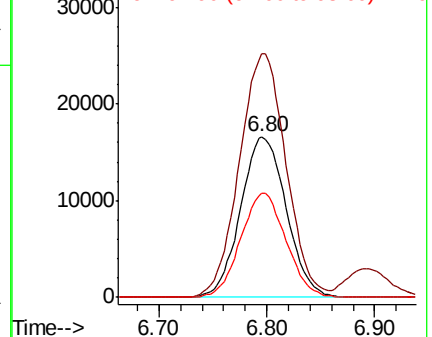
98 64.0 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.026 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

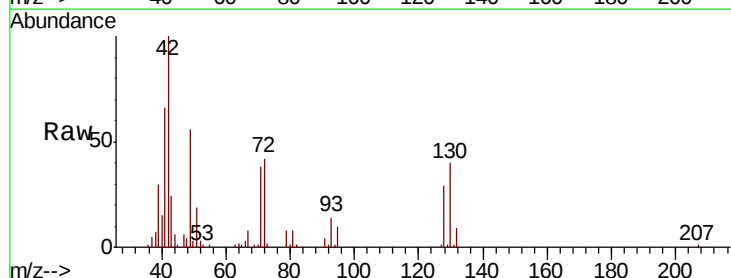
Tgt Ion: 49 Resp: 41076

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.4

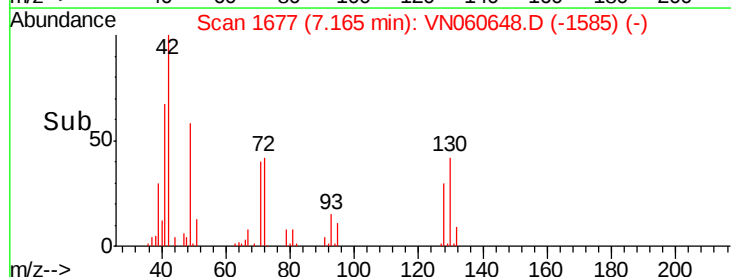
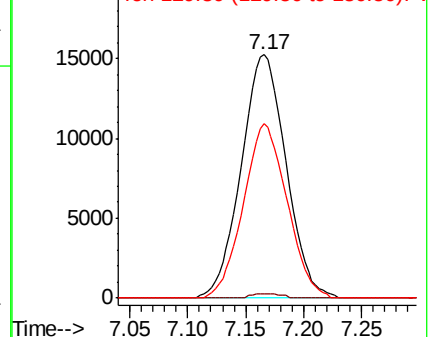
130 69.7 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

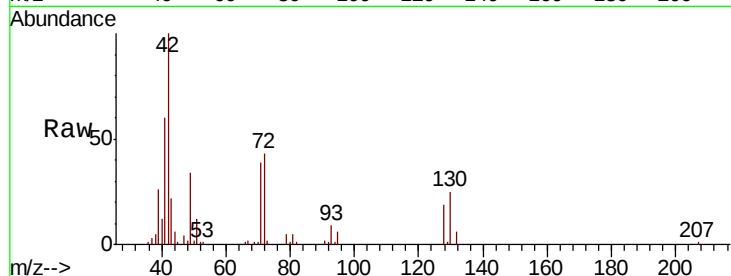




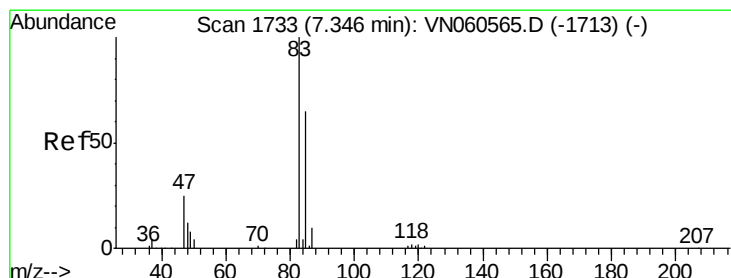
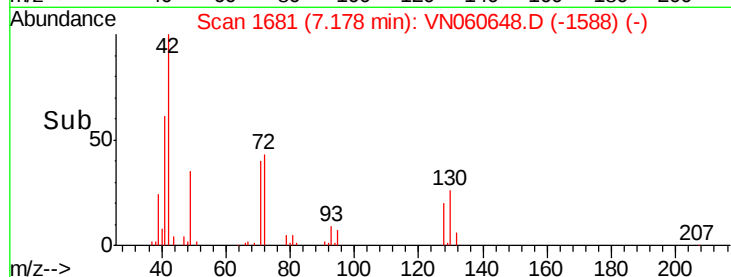
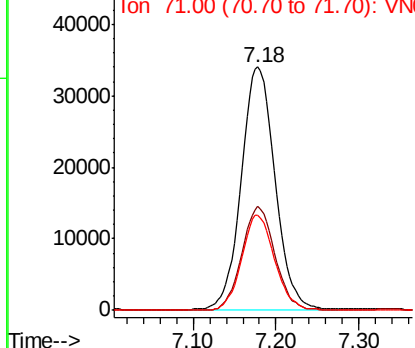
#29
Tetrahydrofuran
Concen: 89.253 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 97132
Ion Ratio Lower Upper
42 100
72 41.2 33.2 49.8
71 37.8 31.1 46.7

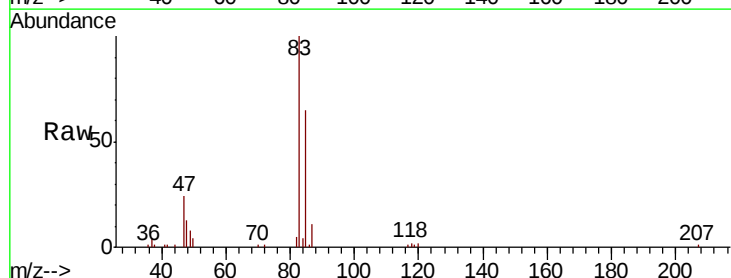


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

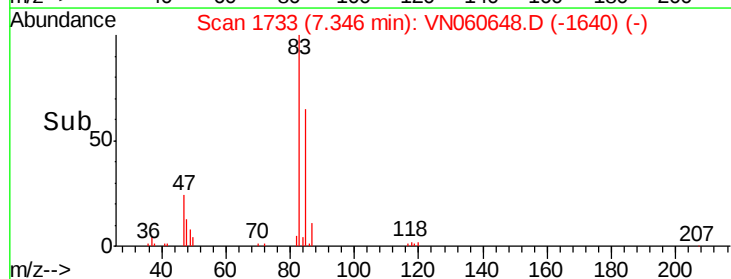
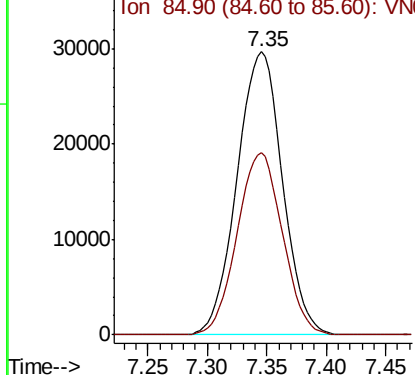


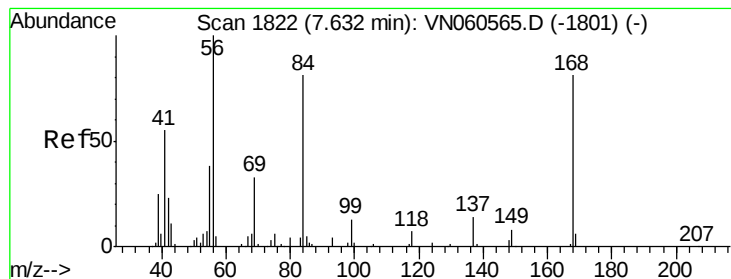
#30
Chloroform
Concen: 19.112 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 83 Resp: 78546
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8



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





#31

Cyclohexane

Concen: 18.457 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :
MSVOA_N
ClientSampled :

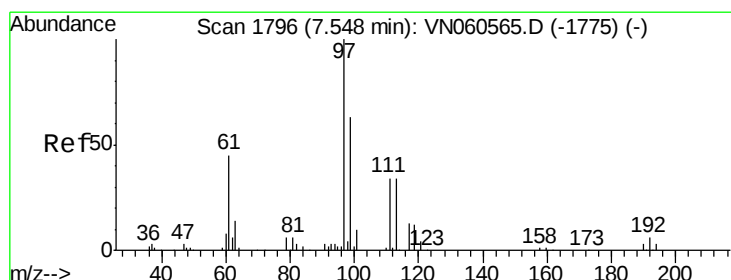
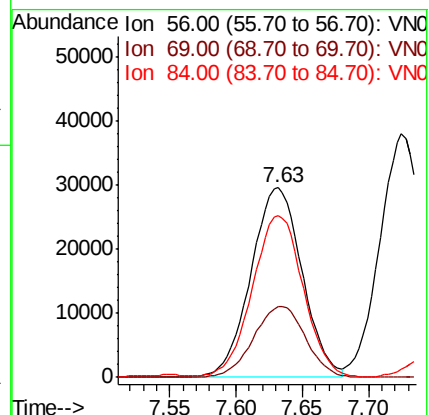
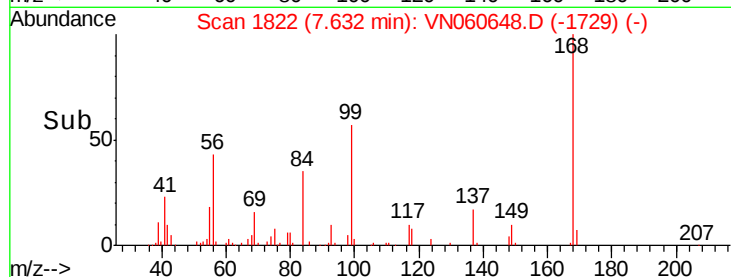
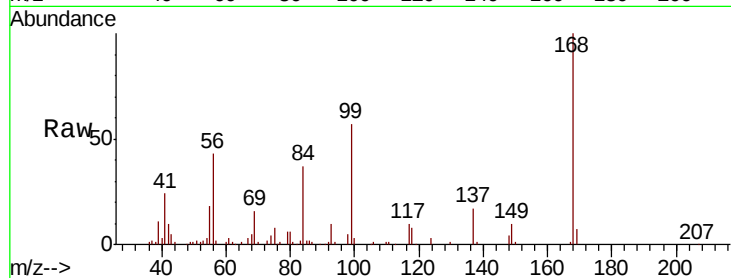
Tot Ion: 56 Resp: 79773

Ion Ratio Lower Upper

56 100

69 37.2 26.6 40.0

84 84.2 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 18.854 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

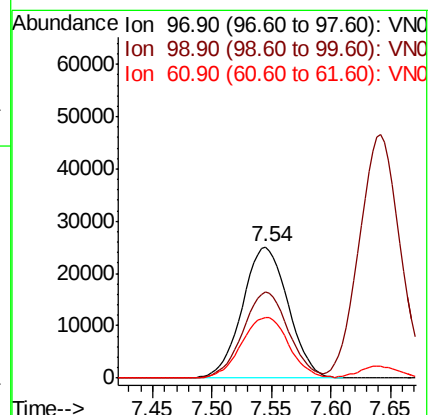
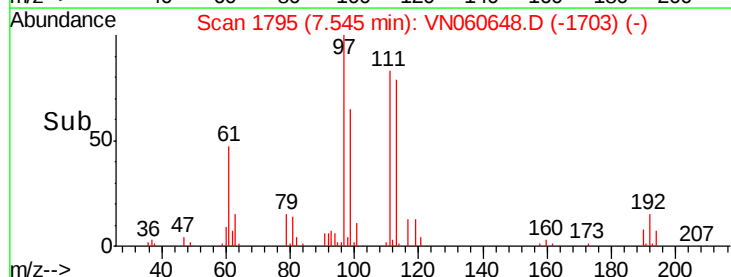
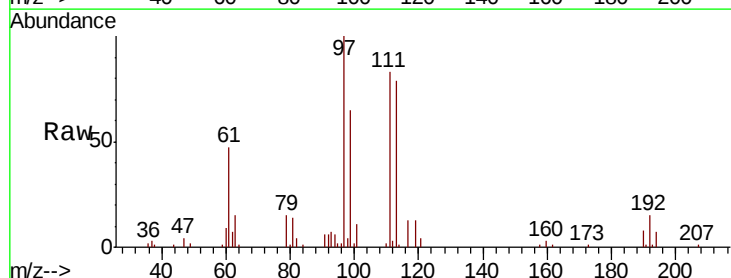
Tgt Ion: 97 Resp: 66798

Ion Ratio Lower Upper

97 100

99 65.2 50.6 75.8

61 48.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 48.413 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

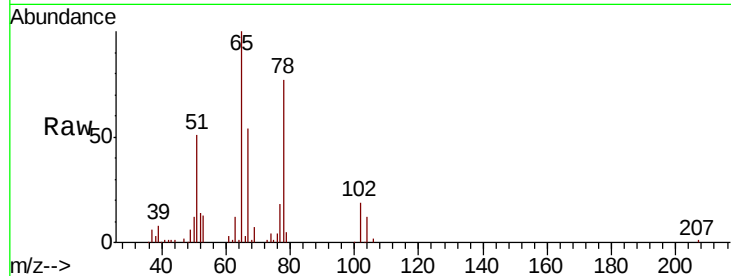
ClientSampleId :

Tot Ion: 65 Resp: 129912

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060565.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060565.D (-1920) (-)

8.00

60000

50000

40000

30000

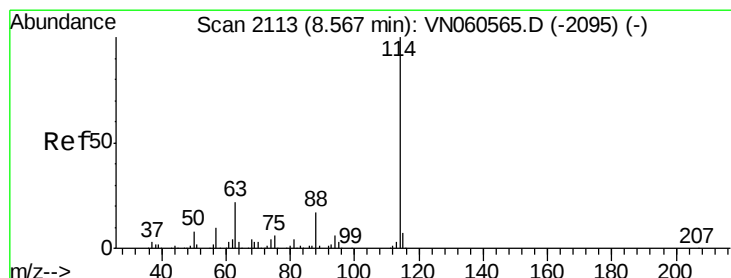
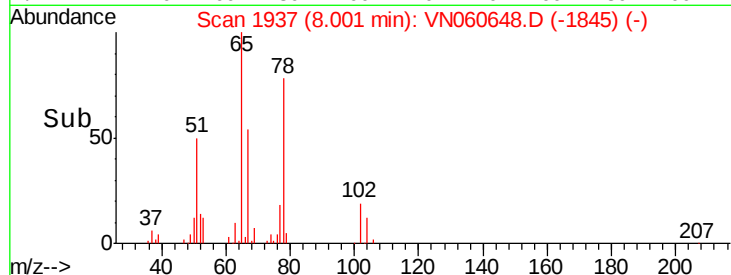
20000

10000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

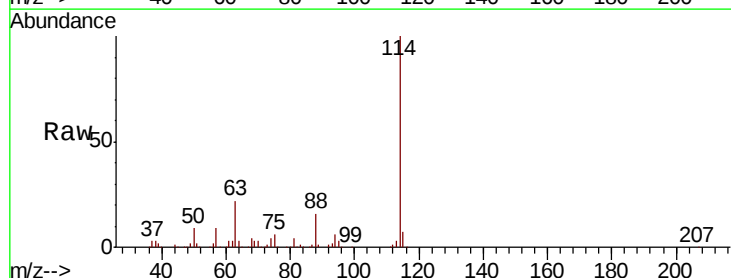
Tgt Ion: 114 Resp: 321744

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 16.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VN060565.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN060565.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN060565.D (-2095) (-)

8.56

200000

150000

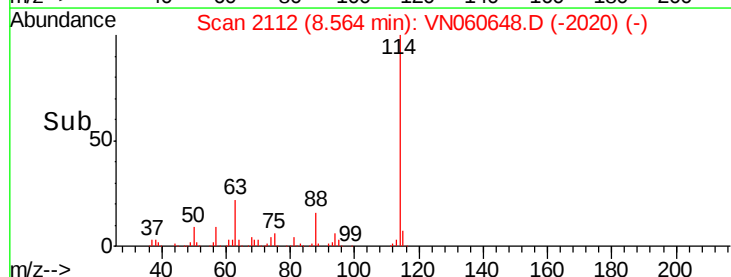
100000

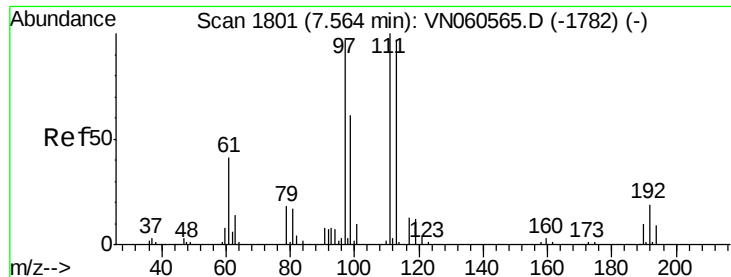
50000

0

8.50 8.55 8.60

Time-->

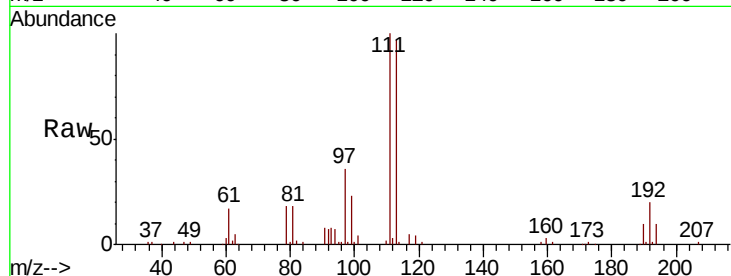




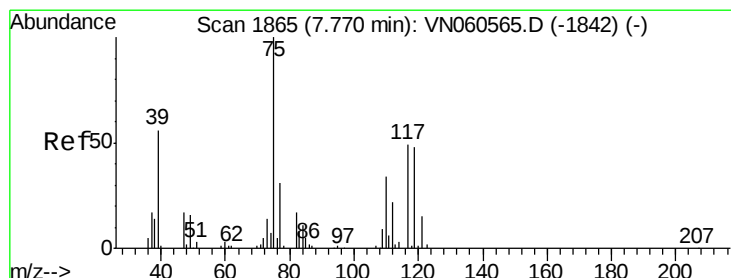
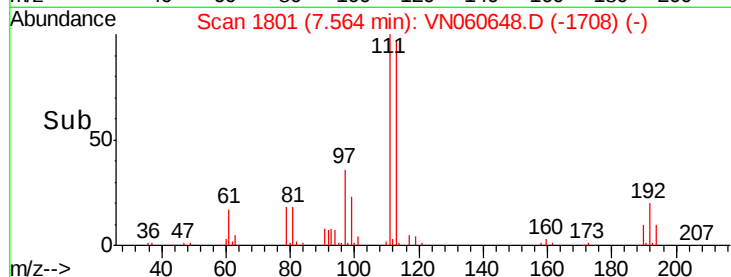
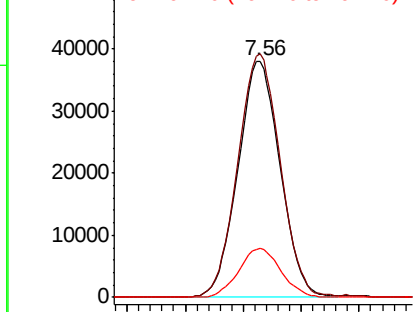
#35
 Dibromofluoromethane
 Concen: 49.415 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 96136
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 20.6 15.8 23.8

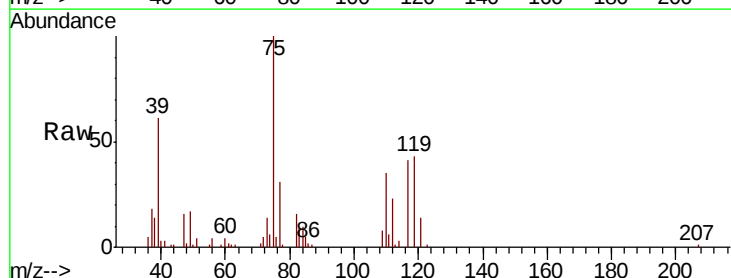


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

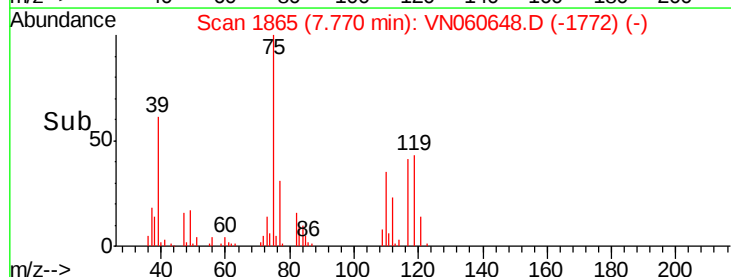
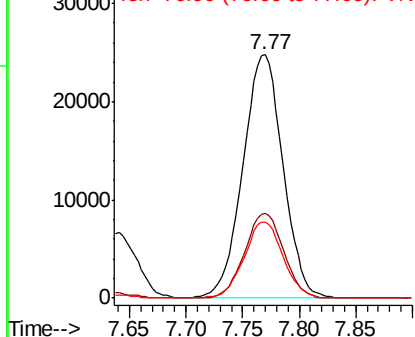


#36
 1,1-Dichloropropene
 Concen: 19.610 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Tgt Ion: 75 Resp: 61093
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.9 50.6
 77 30.3 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

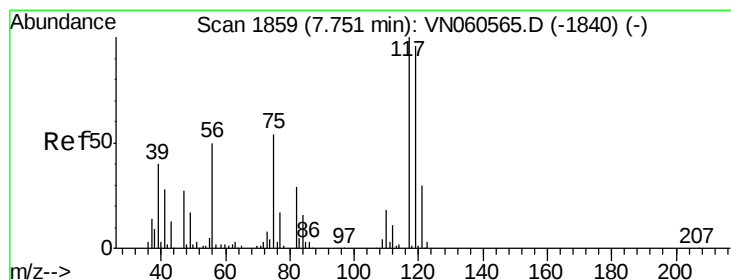
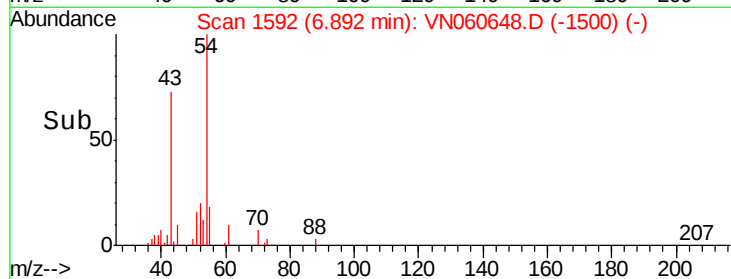
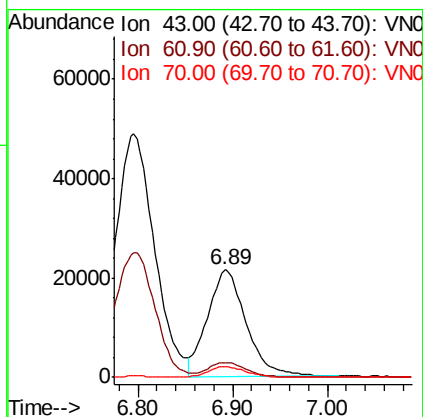
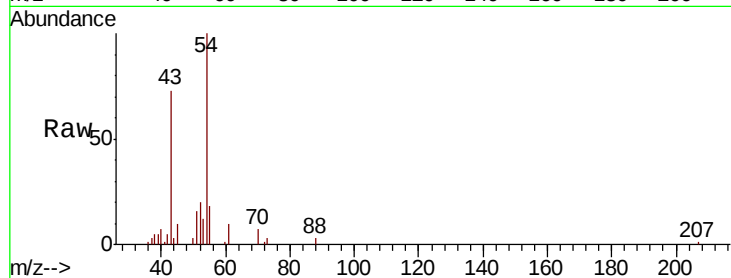




#37
Ethyl Acetate
Concen: 18.140 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

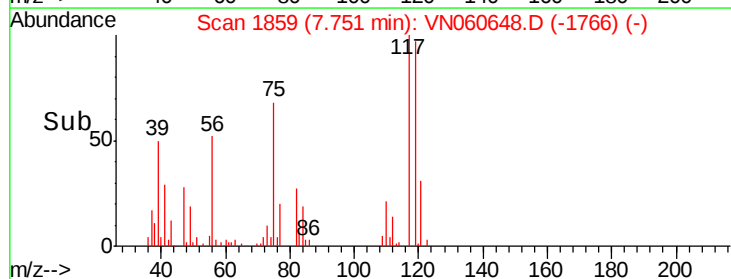
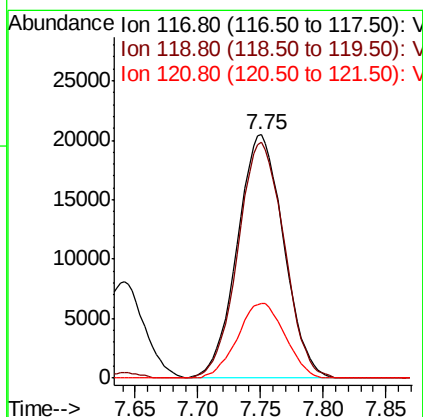
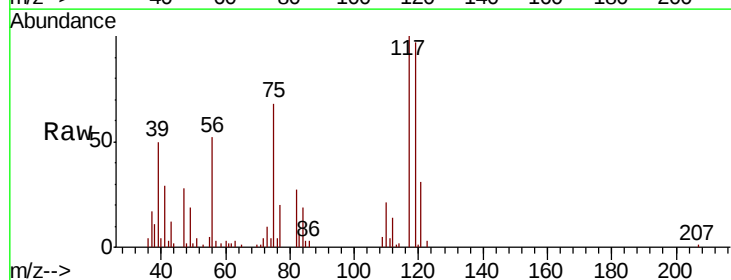
Instrument :
MSVOA_N
ClientSampleId :

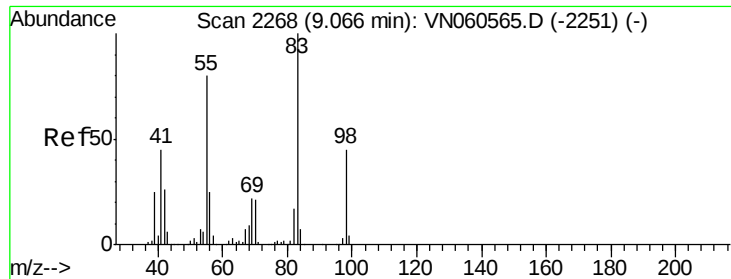
Tot Ion: 43 Resp: 61065
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.850 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 117 Resp: 52635
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2
121 30.5 23.7 35.5

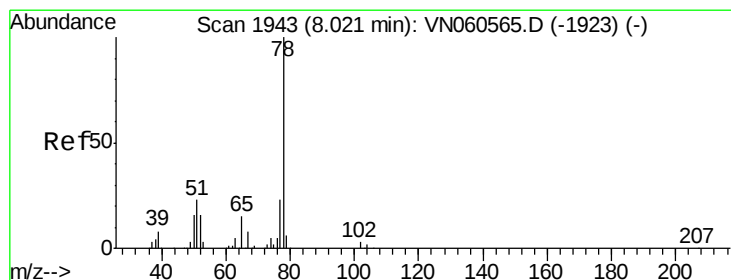
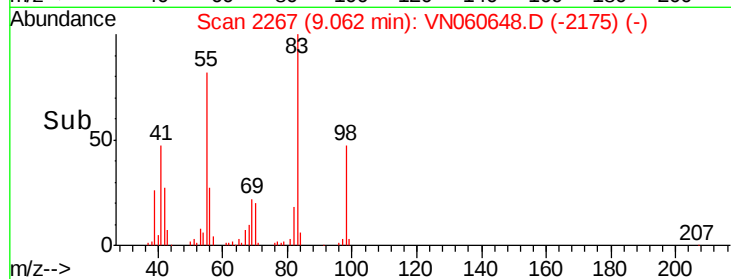
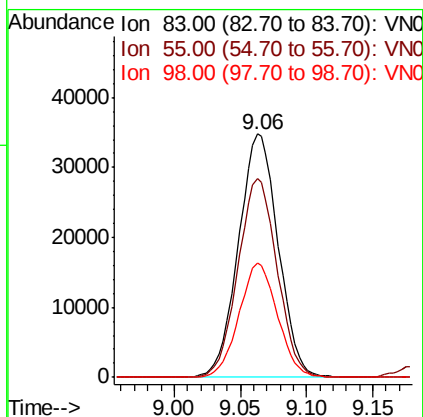
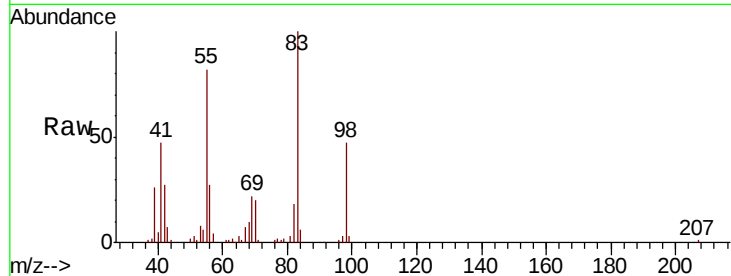




#39
Methvlcvclohexane
Concen: 19.556 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

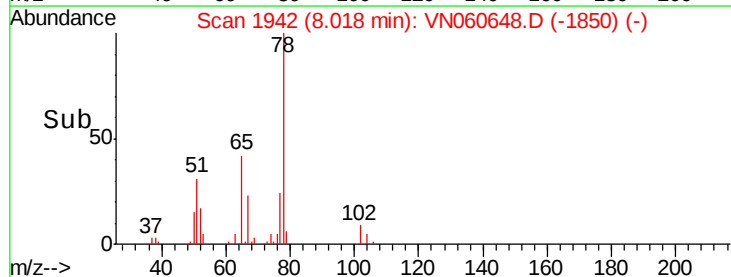
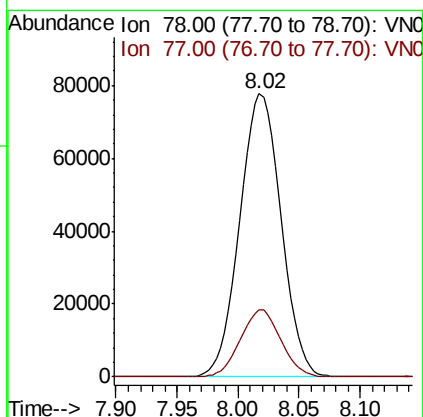
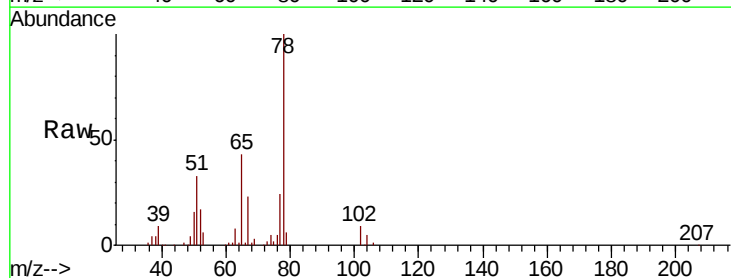
Instrument :
MSVOA_N
ClientSampleId :

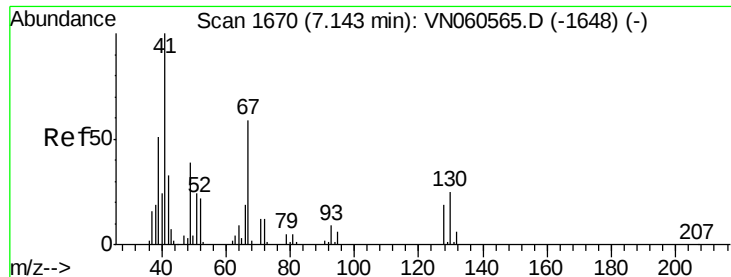
Tot Ion: 83 Resp: 72403
Ion Ratio Lower Upper
83 100
55 81.8 63.6 95.4
98 46.9 36.0 54.0



#40
Benzene
Concen: 19.387 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 78 Resp: 182331
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

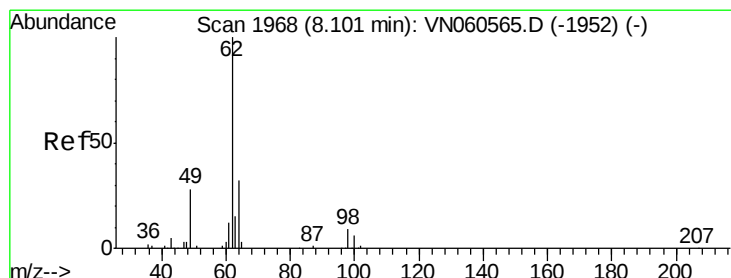
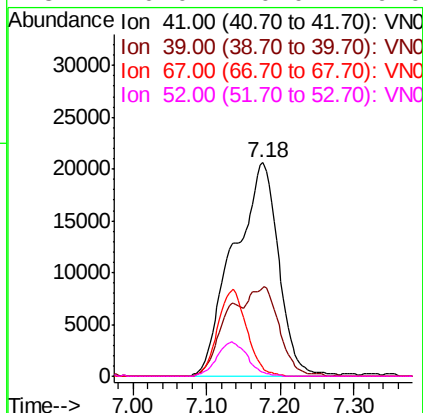
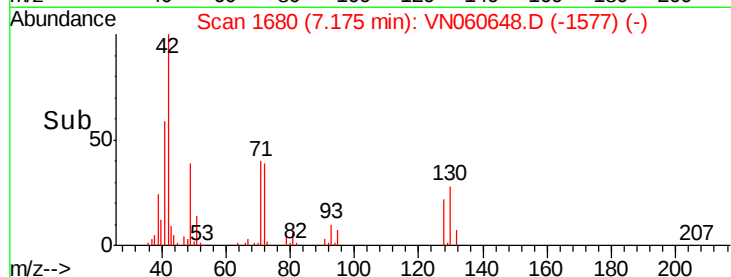
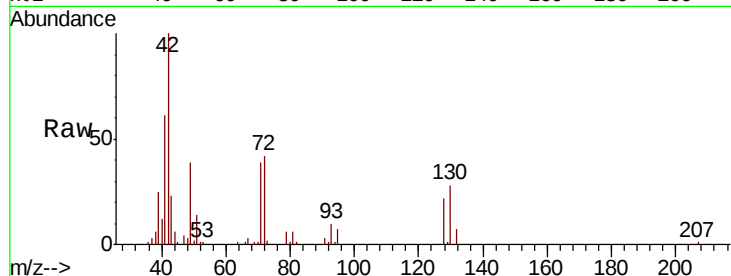




#41
Methacrylonitrile
Concen: 60.947 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

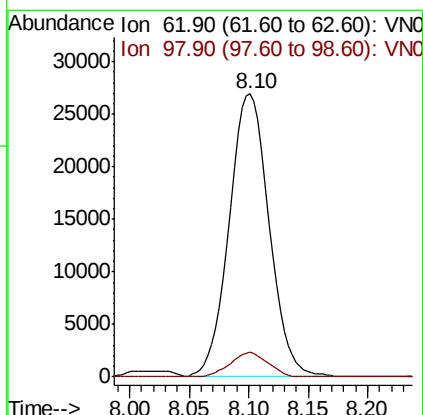
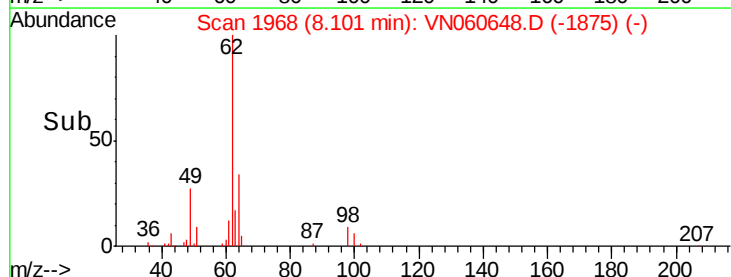
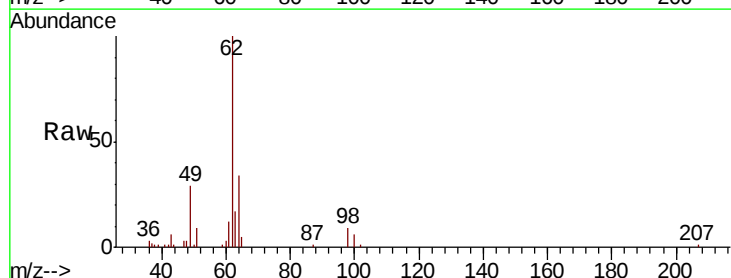
Instrument :
MSVOA_N
ClientSampleId :

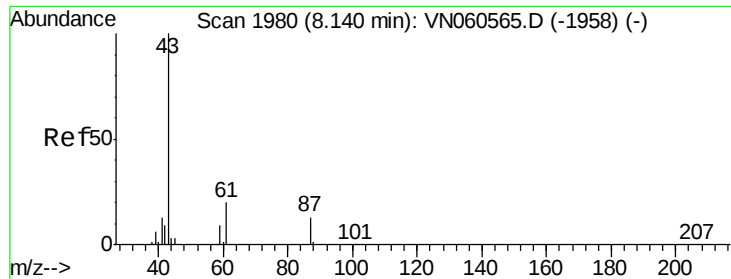
Tot Ion:	41	Resp:	87560
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.534 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion:	62	Resp:	62784
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.356 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

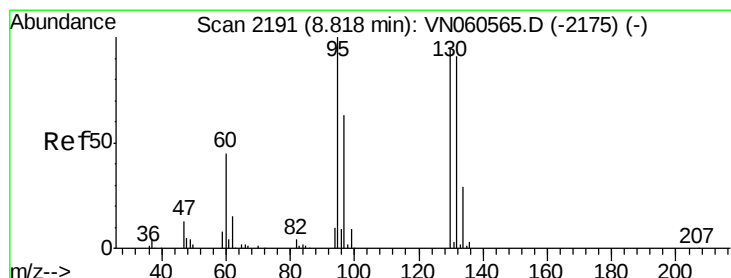
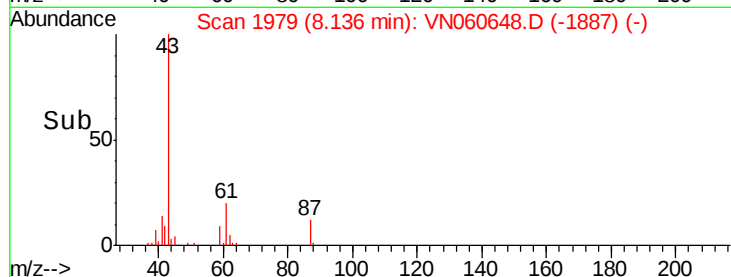
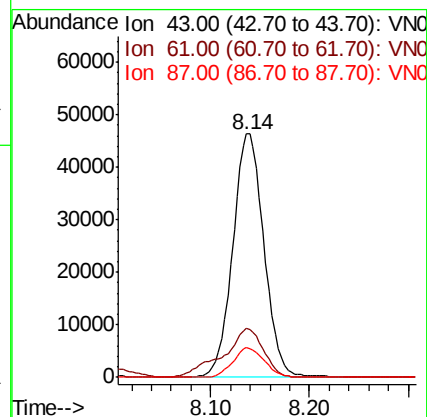
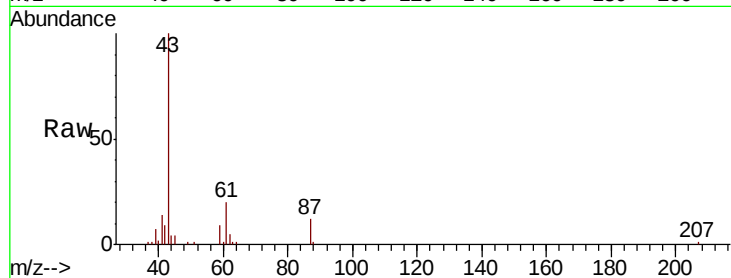
Tot Ion: 43 Resp: 101909

Ion Ratio Lower Upper

43 100

61 26.0 20.7 31.1

87 12.1 9.8 14.8



#44

Trichloroethene

Concen: 19.952 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060648.D

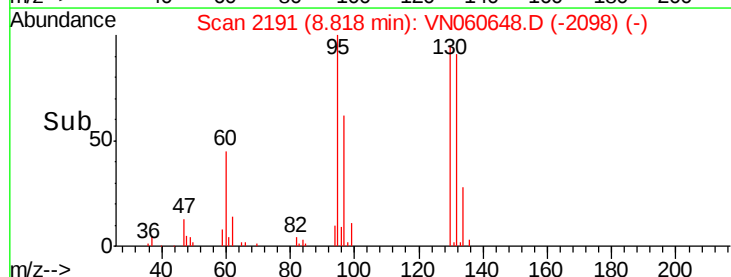
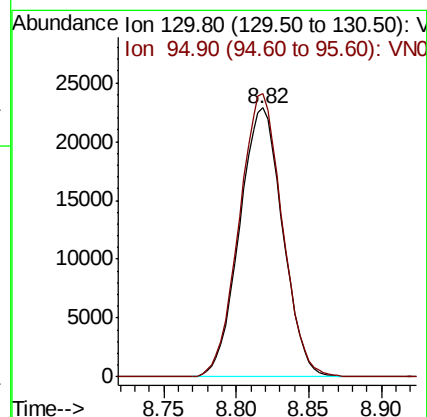
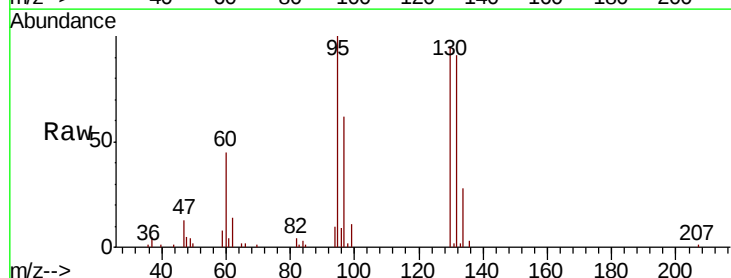
Acq: 20 Mar 2020 13:23

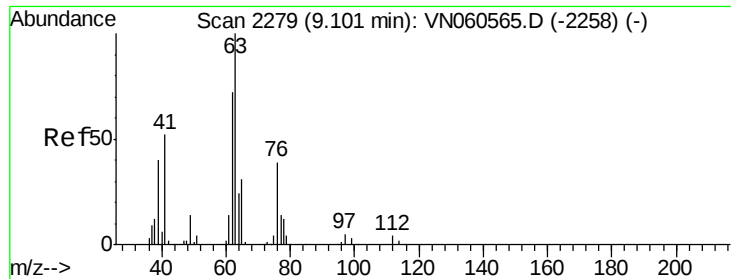
Tgt Ion: 130 Resp: 47304

Ion Ratio Lower Upper

130 100

95 105.3 0.0 211.2

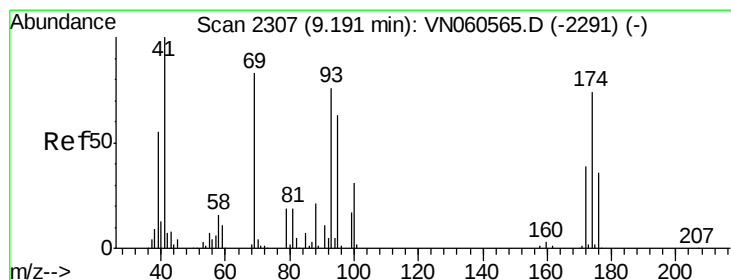
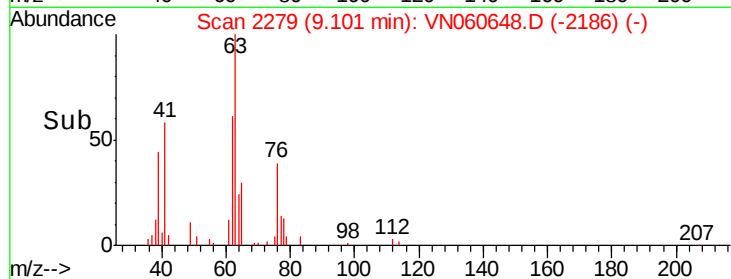
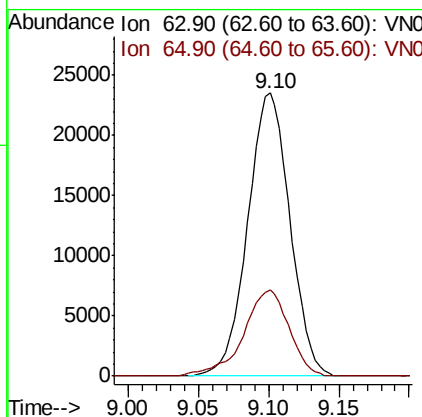
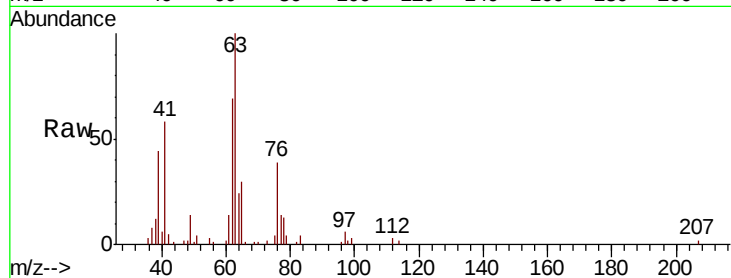




#45
 1,2-Dichloropropane
 Concen: 19.845 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

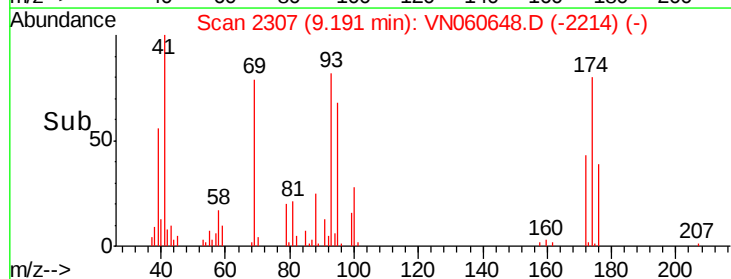
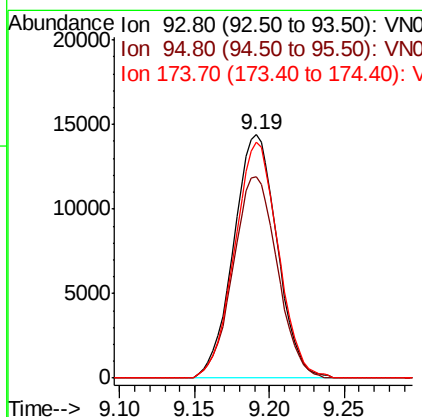
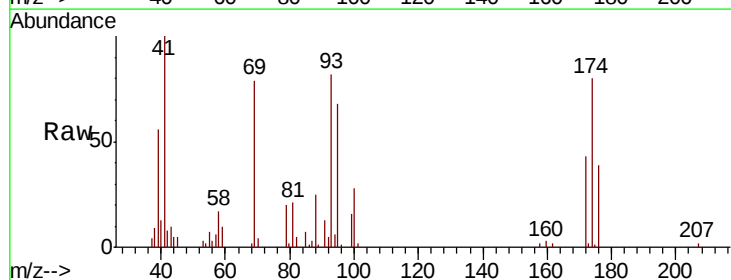
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 49247
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.4 38.0



#46
 Dibromomethane
 Concen: 19.481 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Tgt Ion: 93 Resp: 29228
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.2 99.4
 174 96.6 77.9 116.9





#47

Bromodichloromethane

Concen: 19.508 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

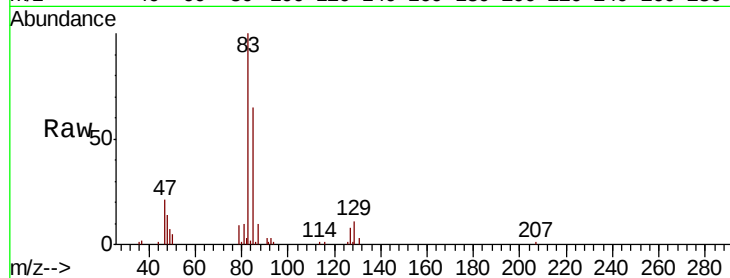
Tot Ion: 83 Resp: 60819

Ion Ratio Lower Upper

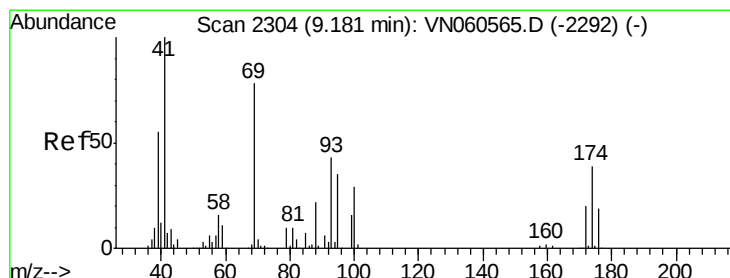
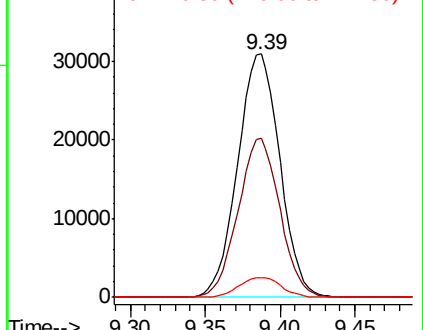
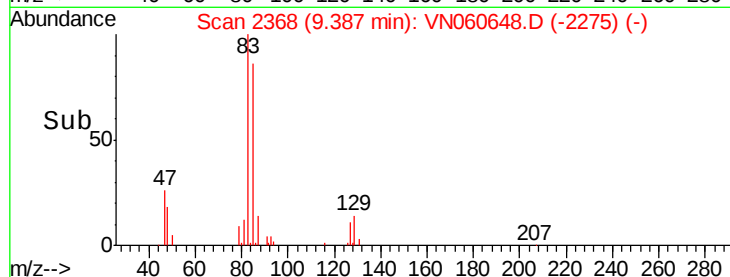
83 100

85 65.2 51.8 77.6

127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060648.D (-2275) (-)



#48

Methyl methacrylate

Concen: 18.491 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

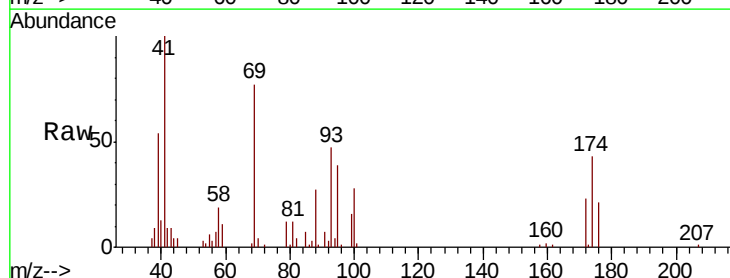
Tgt Ion: 41 Resp: 45707

Ion Ratio Lower Upper

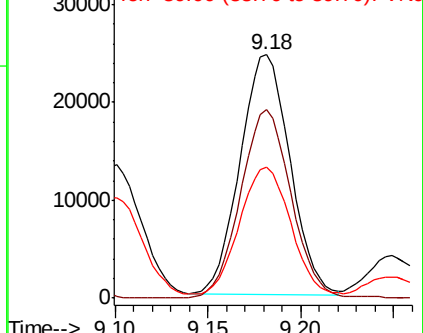
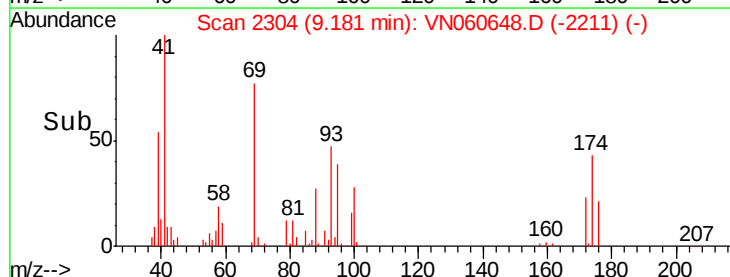
41 100

69 79.6 65.4 98.0

39 58.0 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN060648.D (-2211) (-)

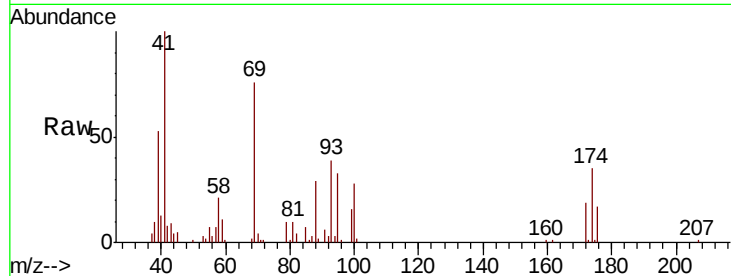




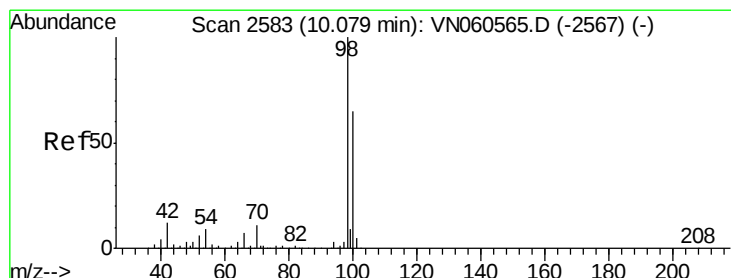
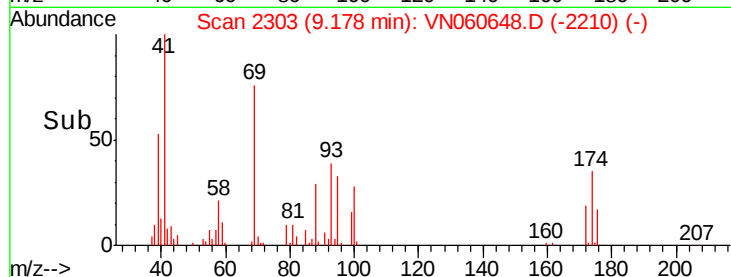
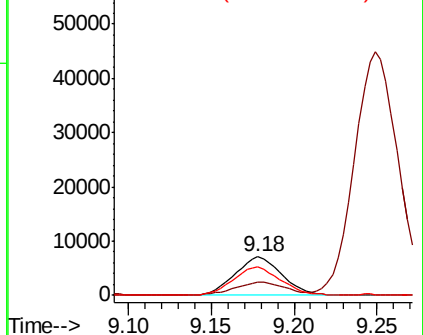
#49
 1,4-Dioxane
 Concen: 477.464 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 14028
 Ion Ratio Lower Upper
 88 100
 43 36.2 30.8 46.2
 58 73.6 59.8 89.8

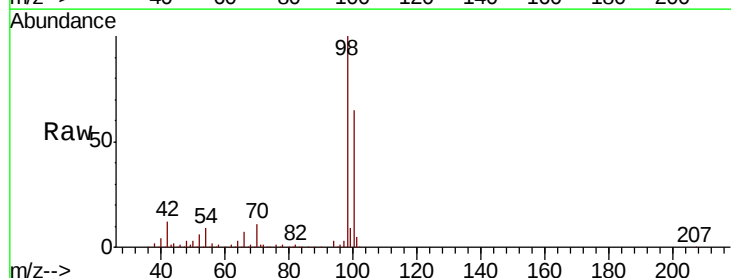


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

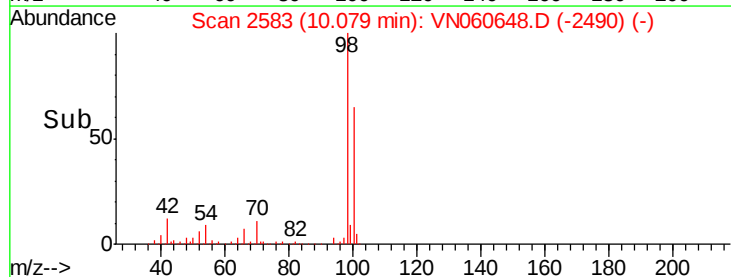
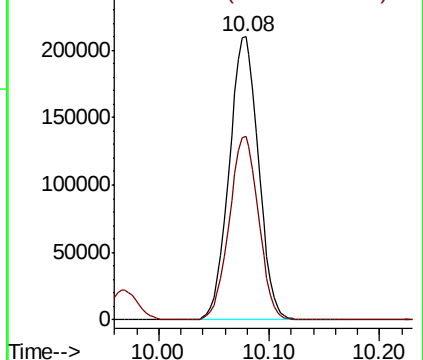


#50
 Toluene-d8
 Concen: 48.605 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Tgt Ion: 98 Resp: 386239
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8



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

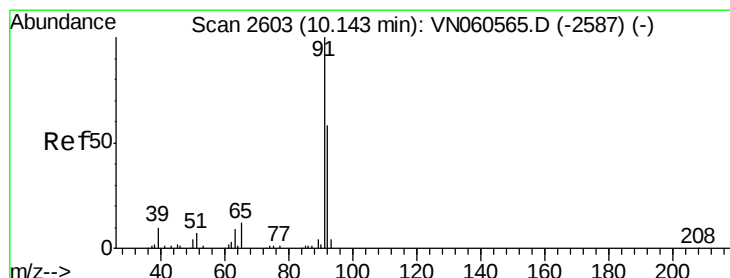
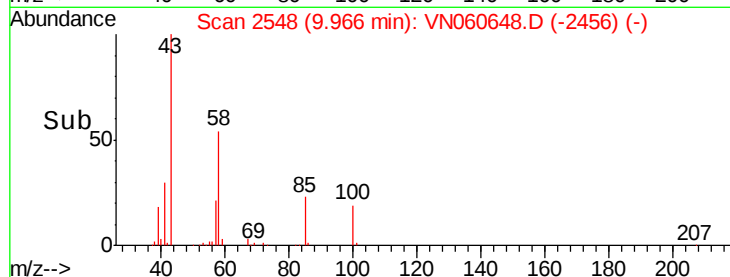
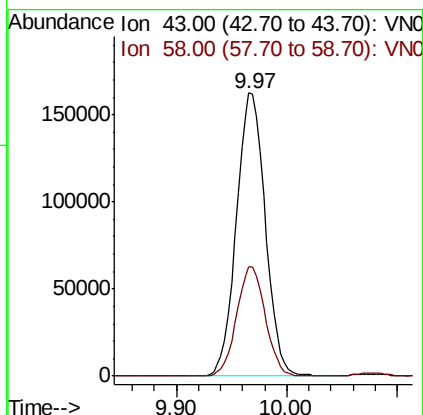
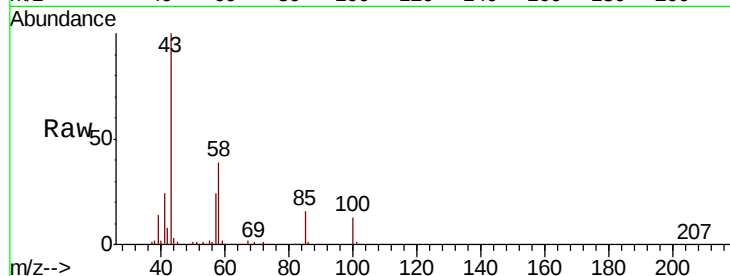




#51
4-Methyl-2-Pentanone
Concen: 93.263 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

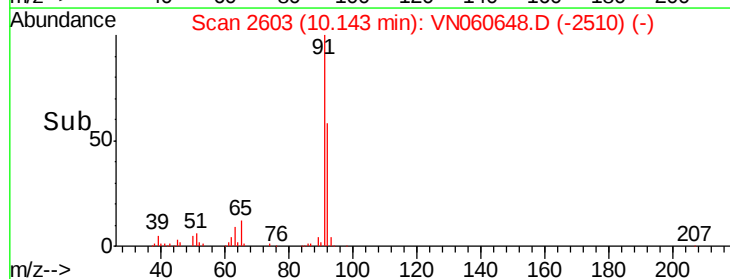
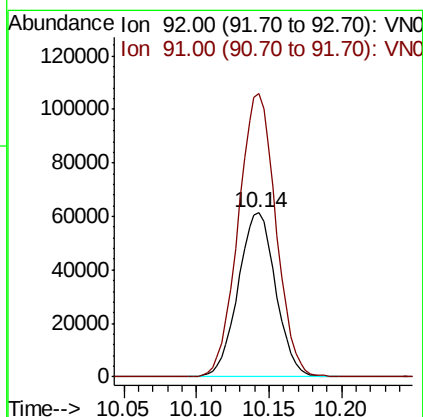
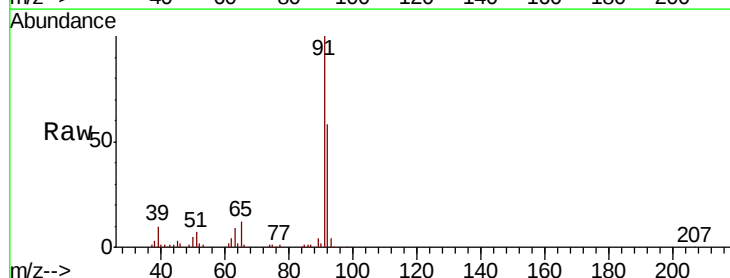
Instrument :
MSVOA_N
ClientSampled :

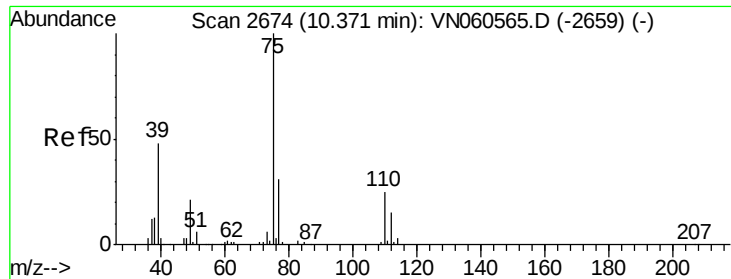
Tot Ion: 43 Resp: 294637
Ion Ratio Lower Upper
43 100
58 38.3 30.8 46.2



#52
Toluene
Concen: 19.474 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 92 Resp: 110608
Ion Ratio Lower Upper
92 100
91 173.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.651 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

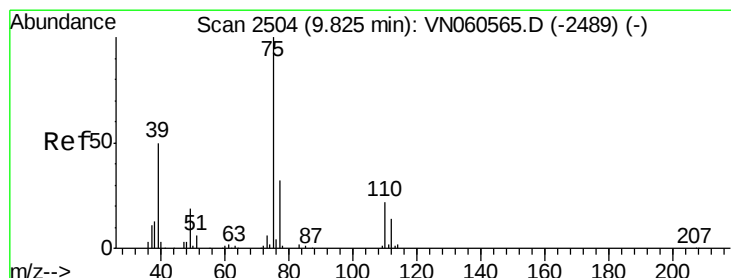
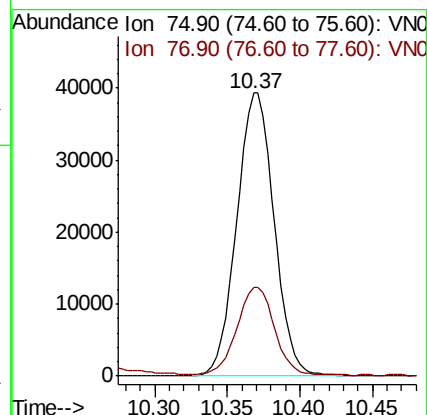
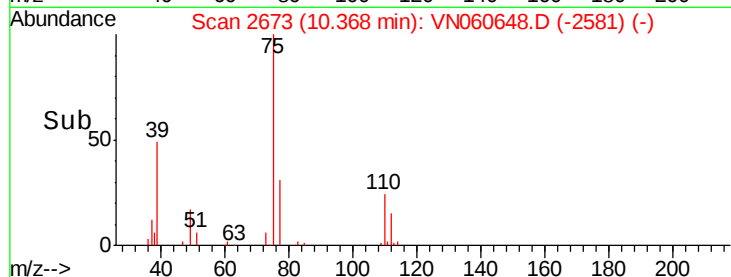
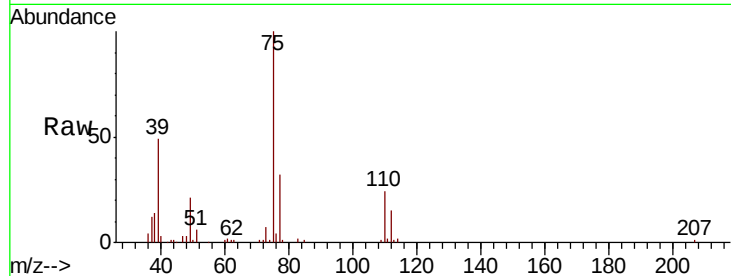
ClientSampled :

Tot Ion: 75 Resp: 70372

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.340 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

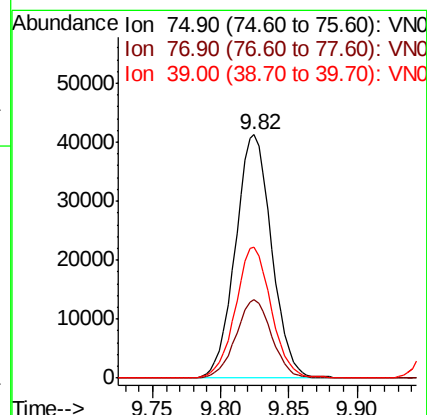
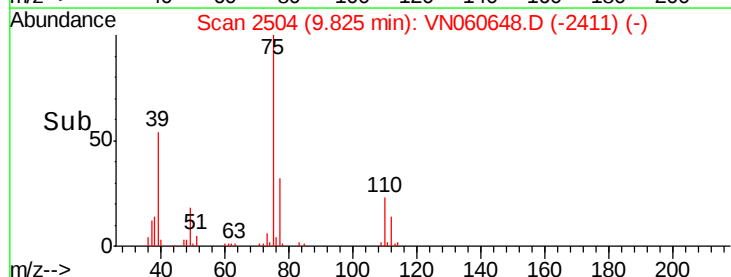
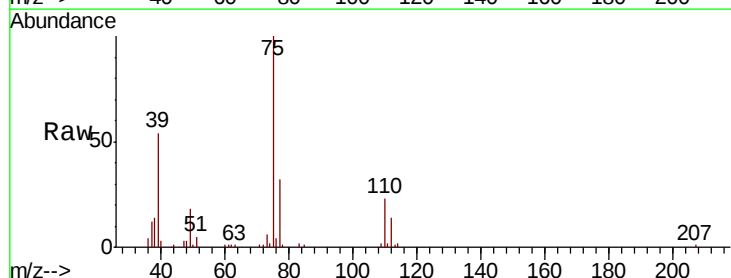
Tgt Ion: 75 Resp: 75983

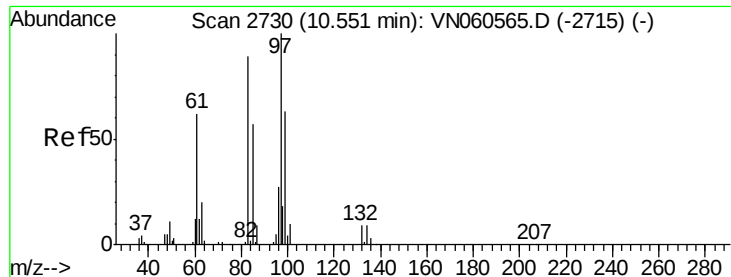
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 53.9 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 19.272 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 42112

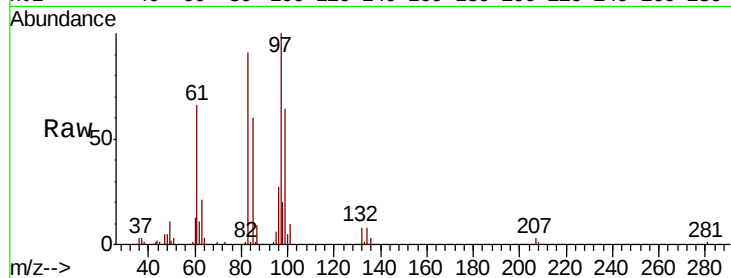
Ion Ratio Lower Upper

97 100

83 90.7 71.3 106.9

85 59.7 45.2 67.8

99 64.2 50.1 75.1

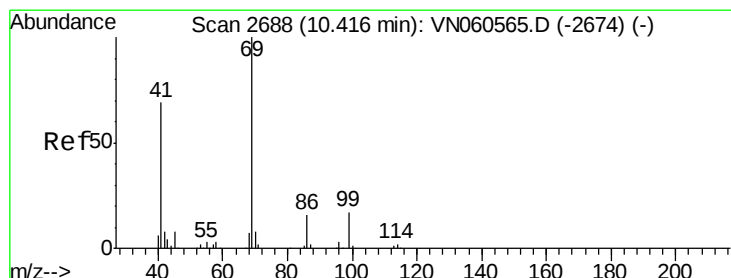
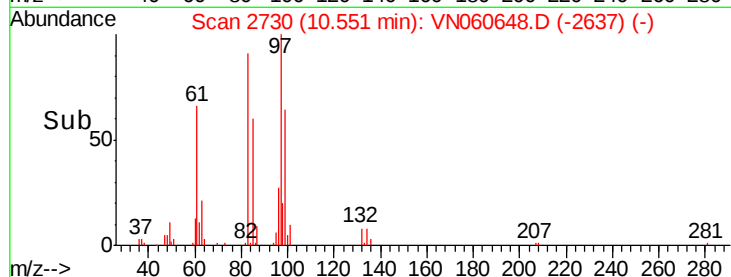
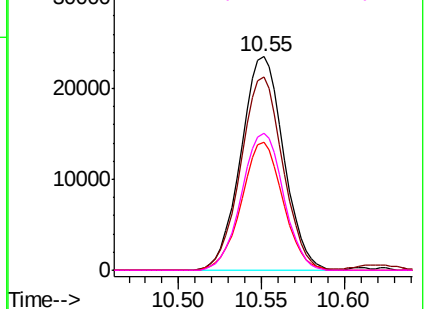


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.636 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

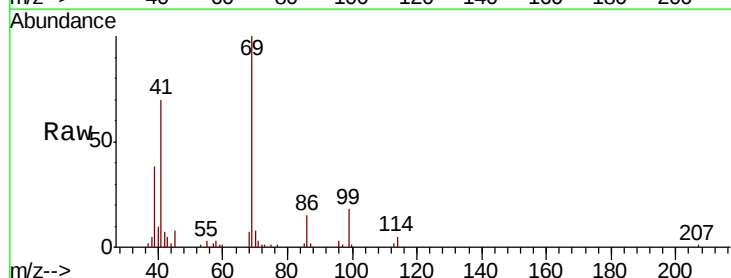
Tgt Ion: 69 Resp: 63497

Ion Ratio Lower Upper

69 100

41 70.7 55.4 83.2

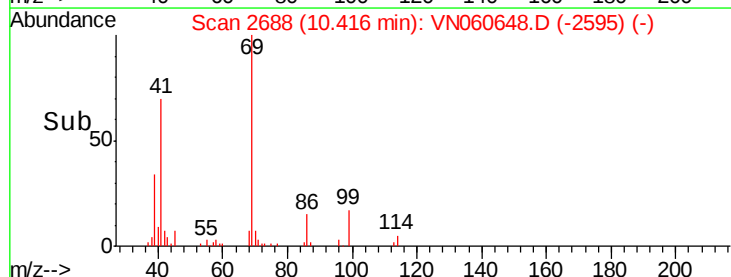
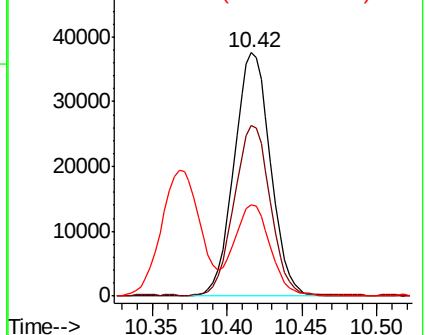
39 38.0 29.4 44.0

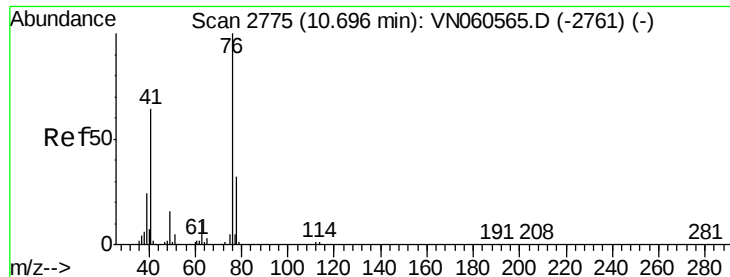


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.544 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

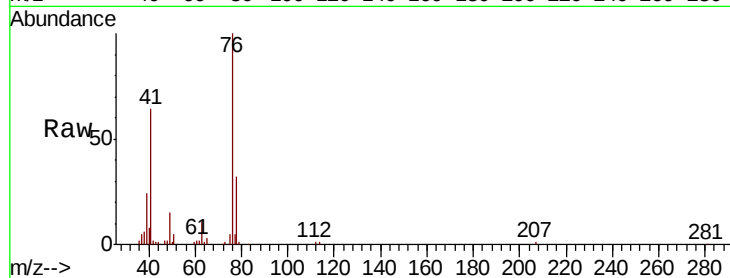
ClientSampleId :

Tot Ion: 76 Resp: 74109

Ion Ratio Lower Upper

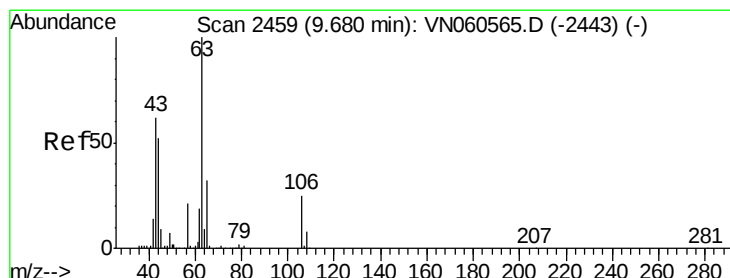
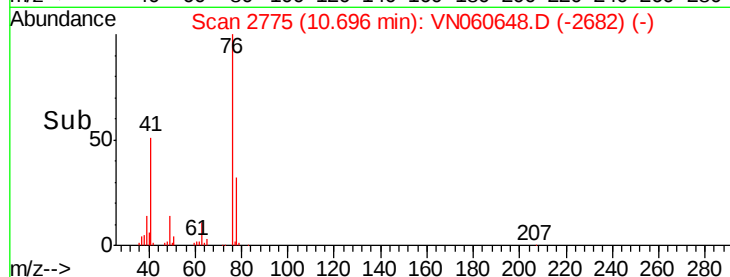
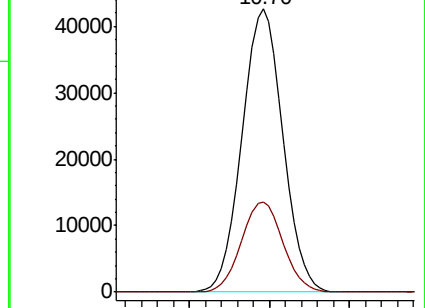
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060648.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060648.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 97.783 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060648.D

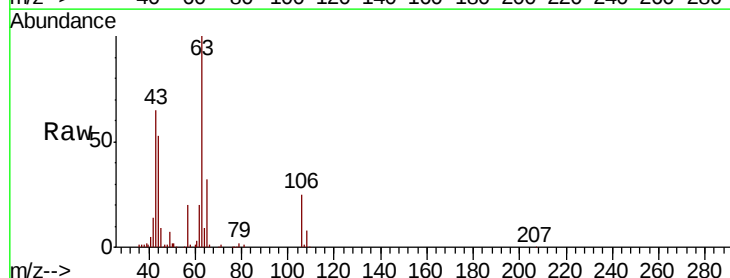
Acq: 20 Mar 2020 13:23

Tgt Ion: 63 Resp: 165584

Ion Ratio Lower Upper

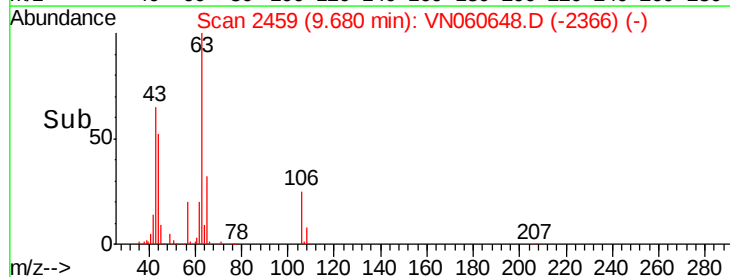
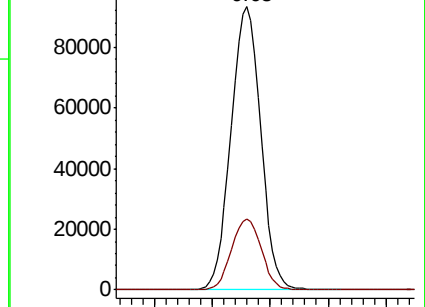
63 100

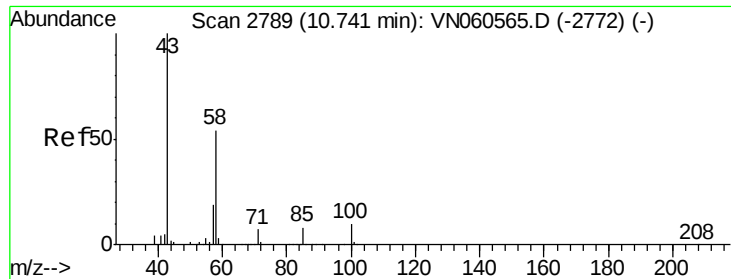
106 25.1 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060648.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060648.D (-2366) (-)

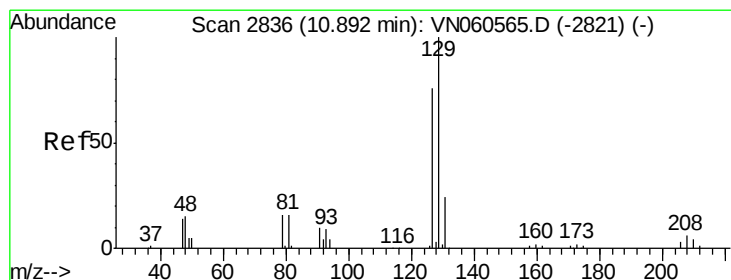
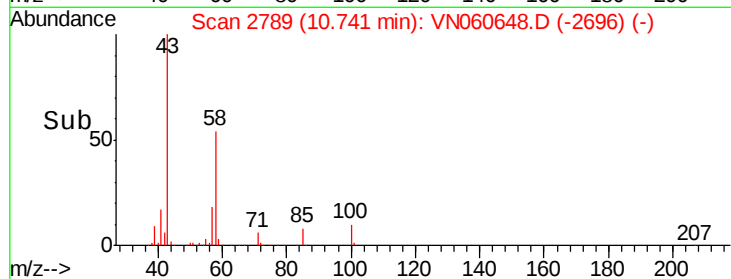
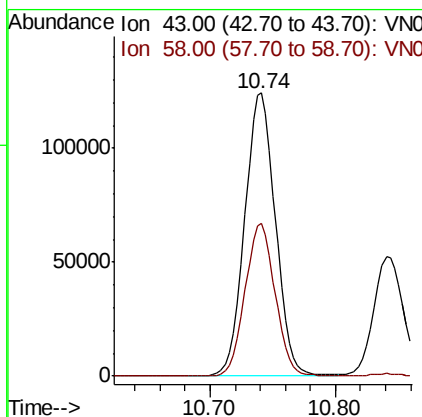
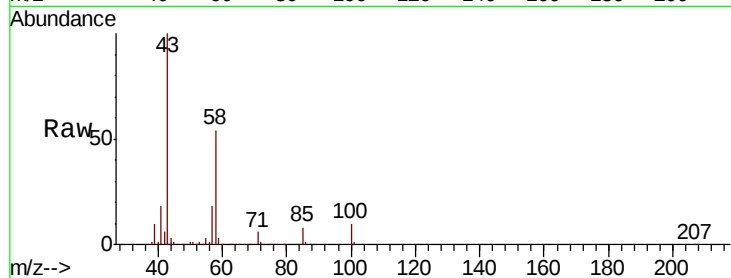




#59
2-Hexanone
Concen: 93.089 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

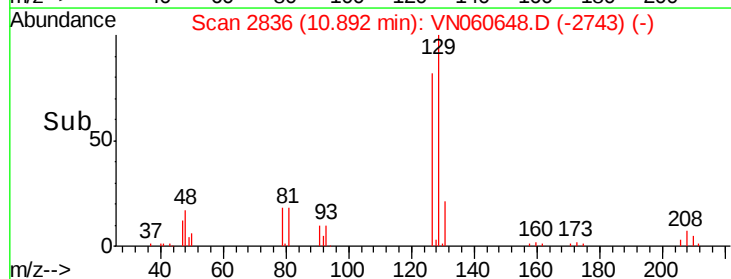
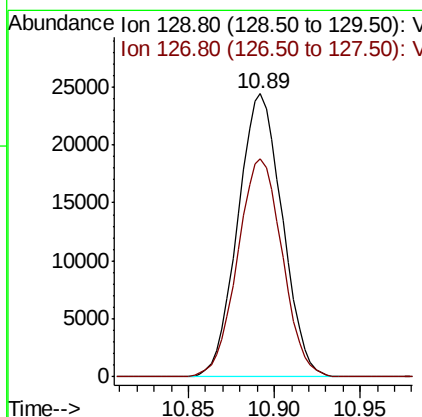
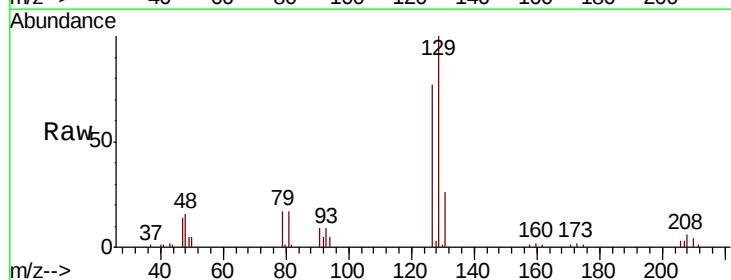
Instrument :
MSVOA_N
ClientSampleId :

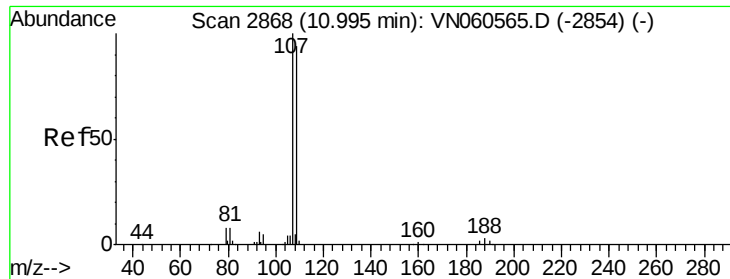
Tot Ion: 43 Resp: 211845
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 19.355 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 129 Resp: 43688
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

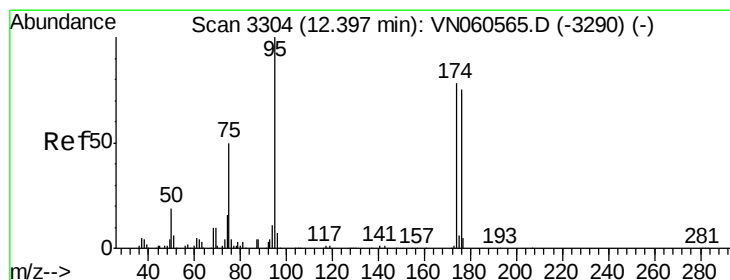
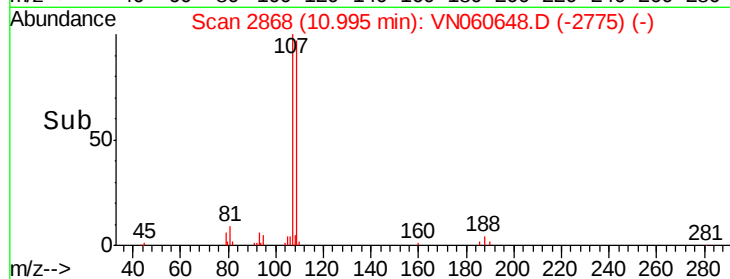
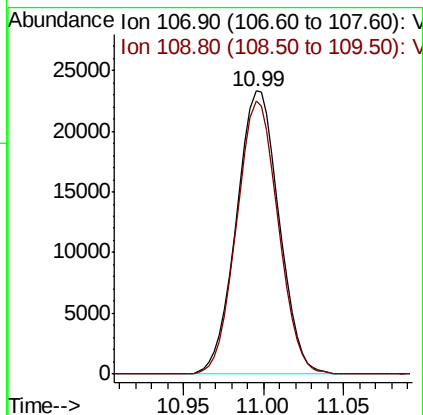
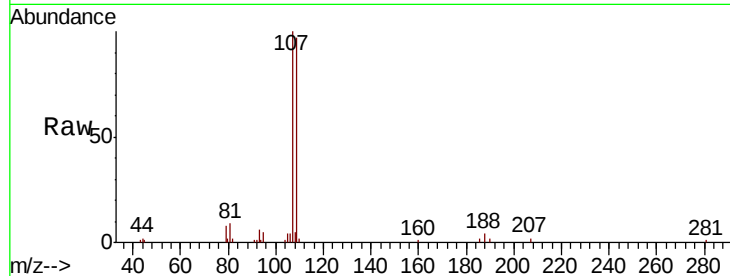




#61
 1,2-Dibromoethane
 Concen: 19.221 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

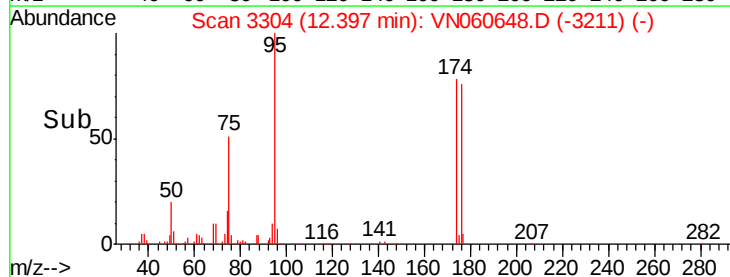
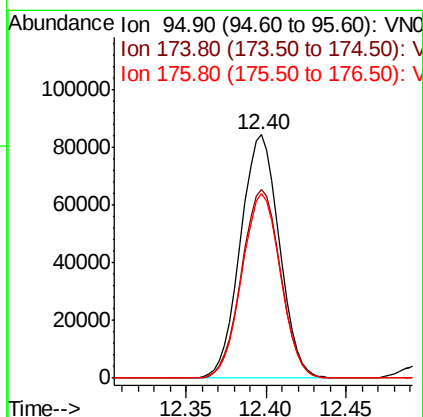
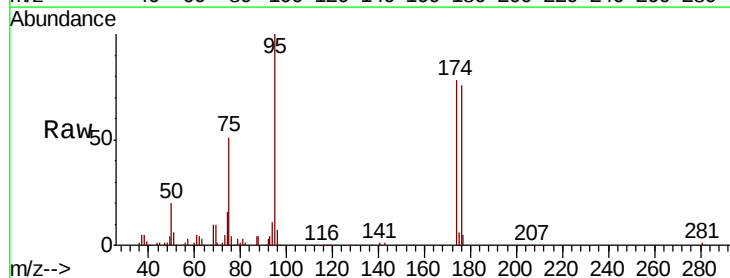
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 107 Resp: 42233
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 48.178 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Tgt Ion: 95 Resp: 140309
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 157.6
 176 75.6 0.0 150.6

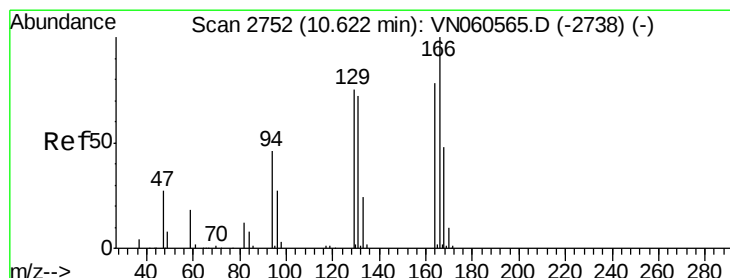
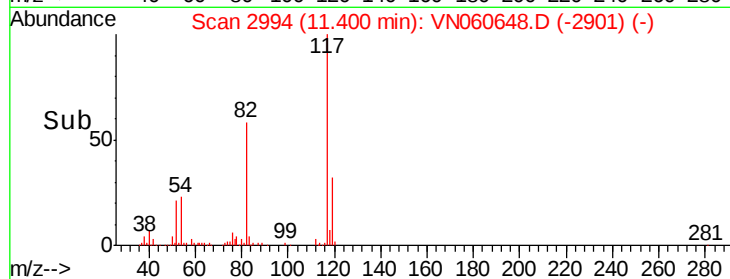
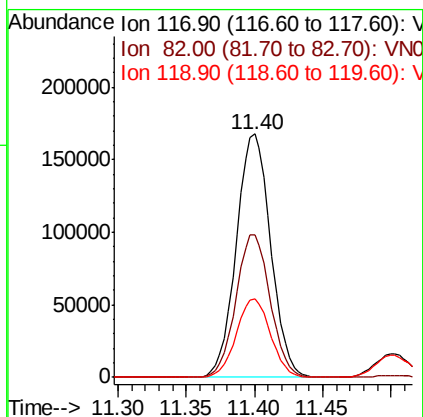
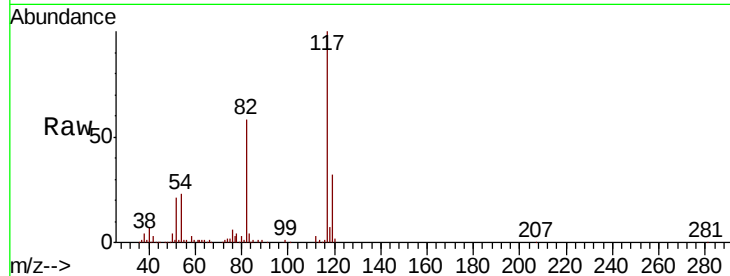




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

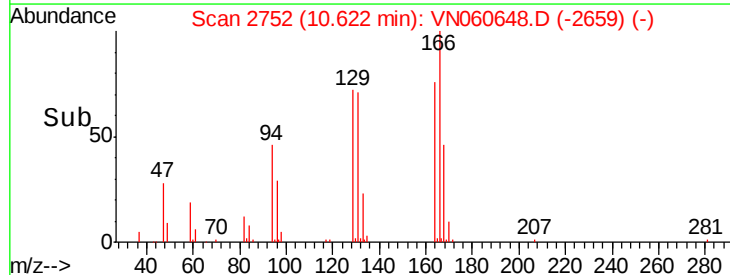
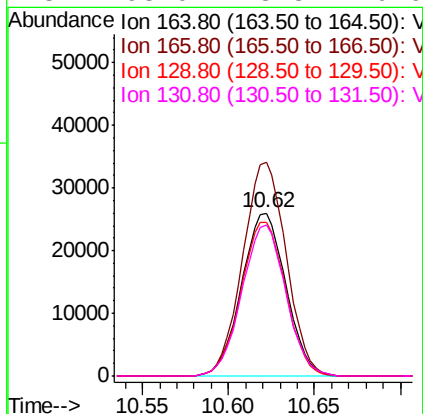
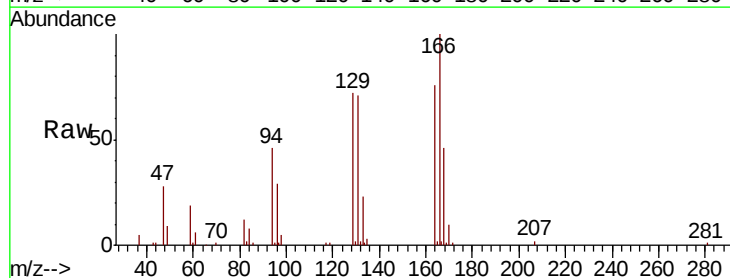
Instrument :
MSVOA_N
ClientSampled :

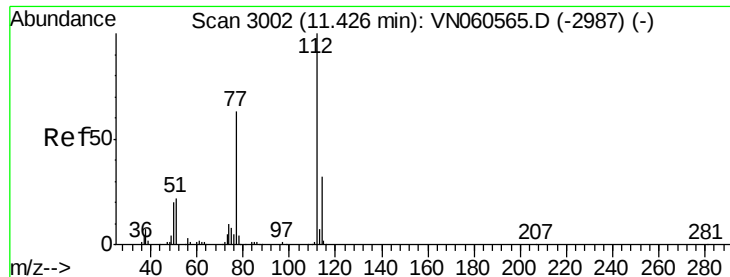
Tot Ion:117 Resp: 293140
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.100 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion:164 Resp: 46365
Ion Ratio Lower Upper
164 100
166 131.1 102.7 154.1
129 94.0 77.2 115.8
131 93.0 73.8 110.6

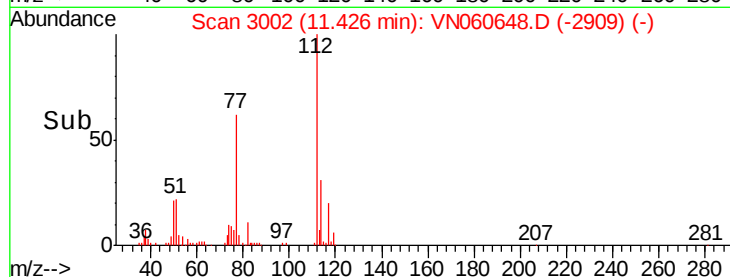
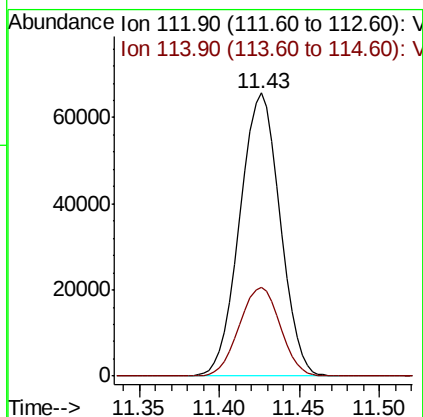
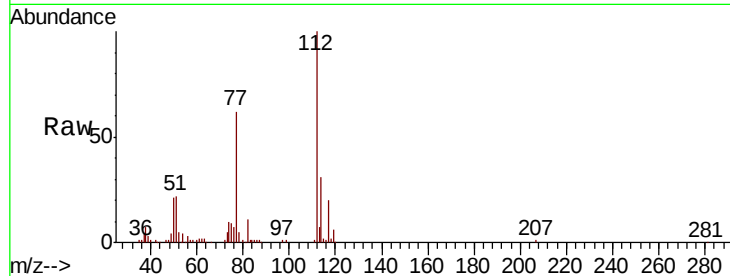




#65
Chlorobenzene
Concen: 19.424 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

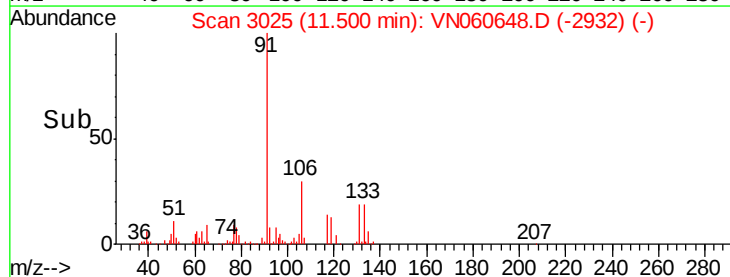
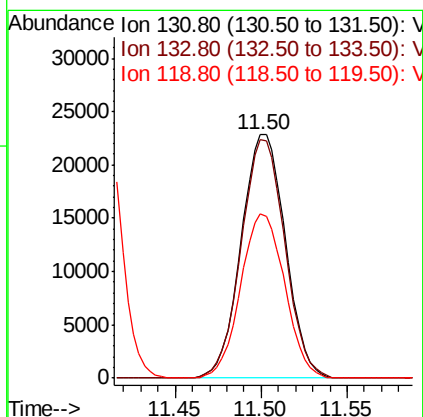
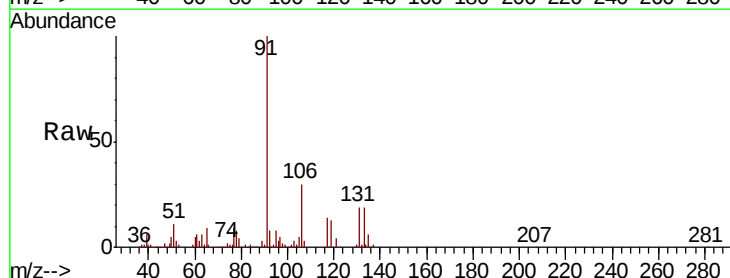
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 112879
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.426 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion:131 Resp: 40873
Ion Ratio Lower Upper
131 100
133 96.7 48.9 146.8
119 66.9 33.9 101.7





#67

Ethyl Benzene

Concen: 19.509 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

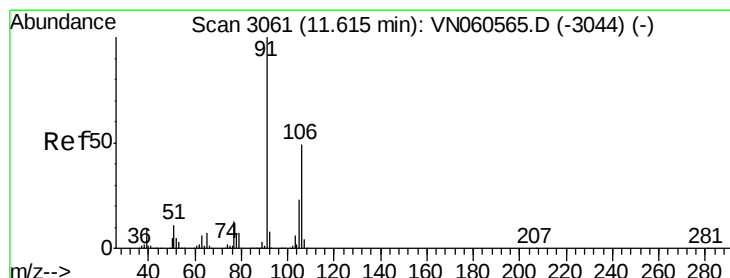
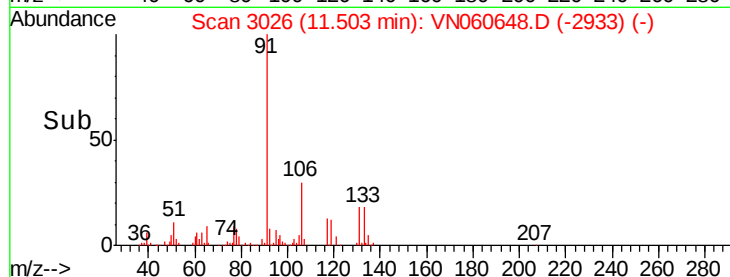
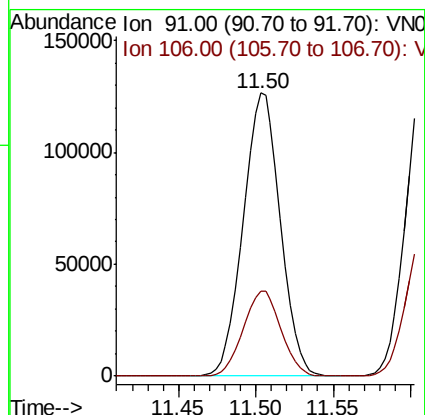
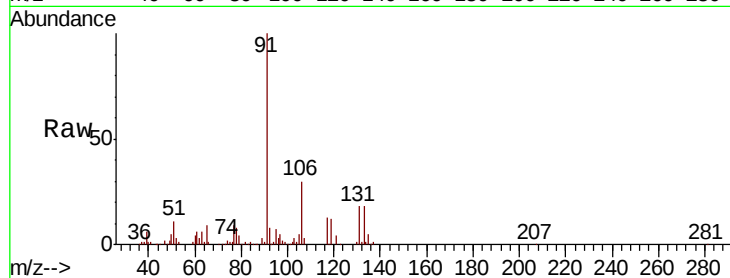
ClientSampleId :

Tot Ion: 91 Resp: 210834

Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.2



#68

m/p-Xylenes

Concen: 38.616 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060648.D

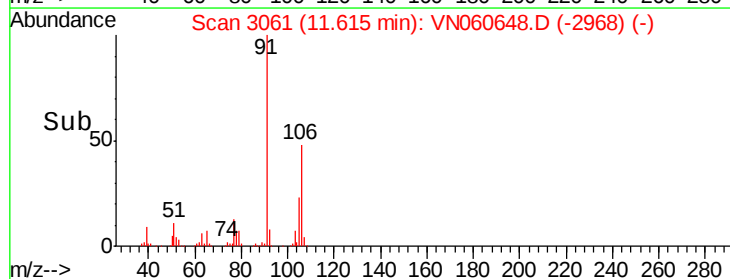
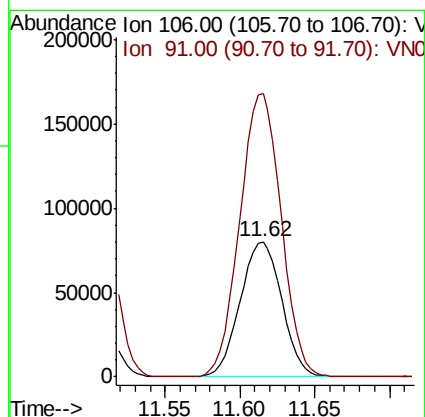
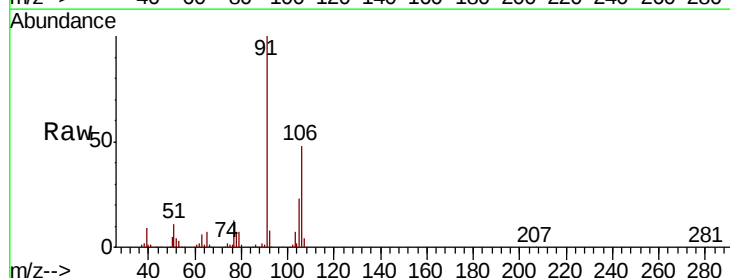
Acq: 20 Mar 2020 13:23

Tgt Ion: 106 Resp: 155078

Ion Ratio Lower Upper

106 100

91 208.6 165.0 247.4

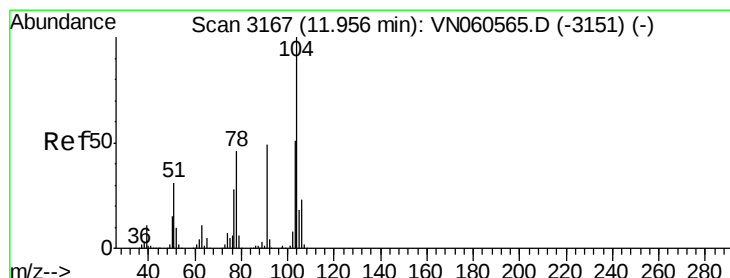
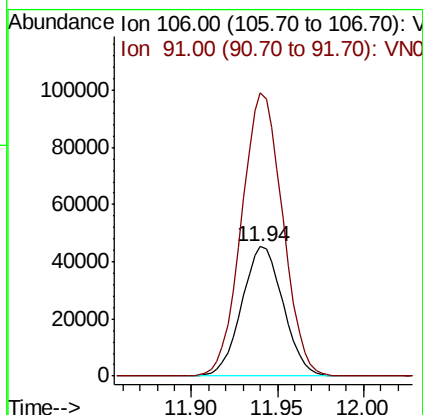
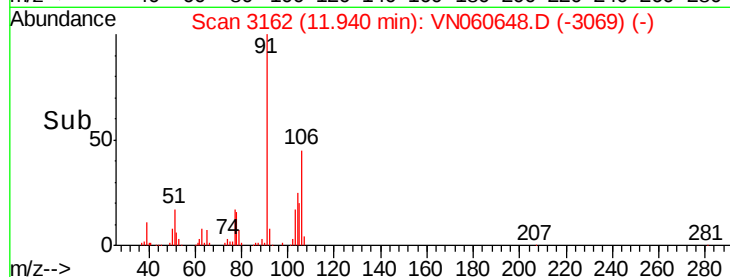
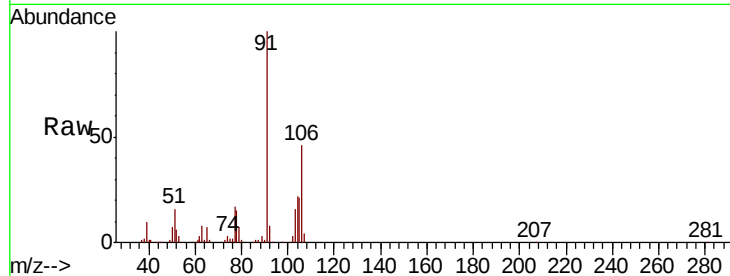




#69
o-Xylene
Concen: 19.730 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

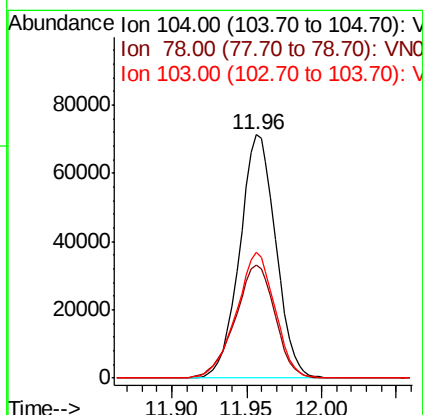
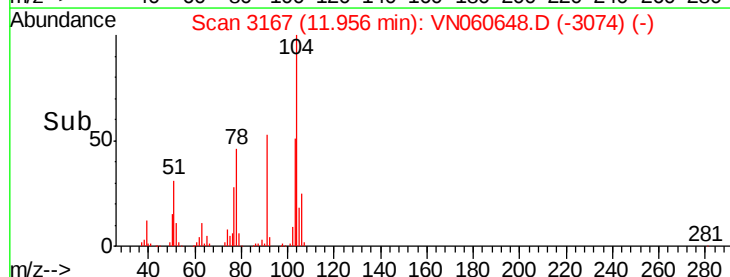
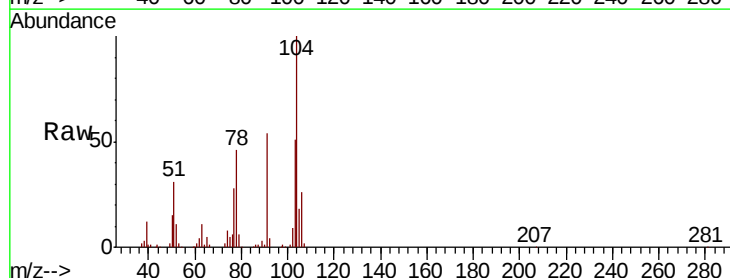
Instrument :
MSVOA_N
ClientSampled :

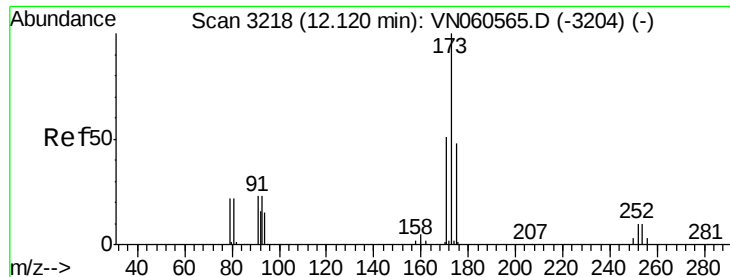
Tot Ion:106 Resp: 75636
Ion Ratio Lower Upper
106 100
91 217.3 109.5 328.4



#70
Styrene
Concen: 19.127 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion:104 Resp: 119926
Ion Ratio Lower Upper
104 100
78 51.2 41.2 61.8
103 55.2 44.0 66.0

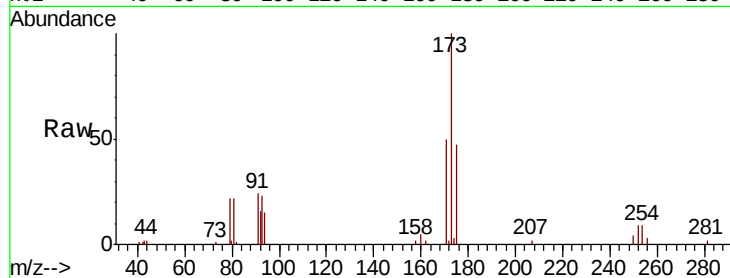




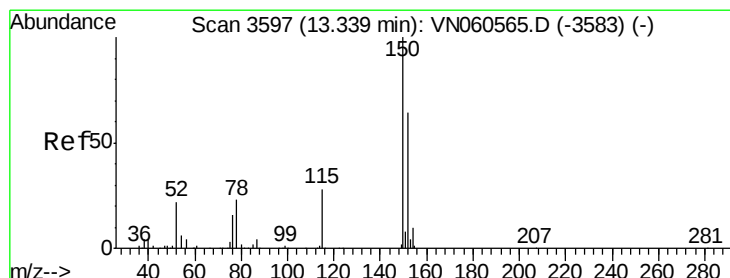
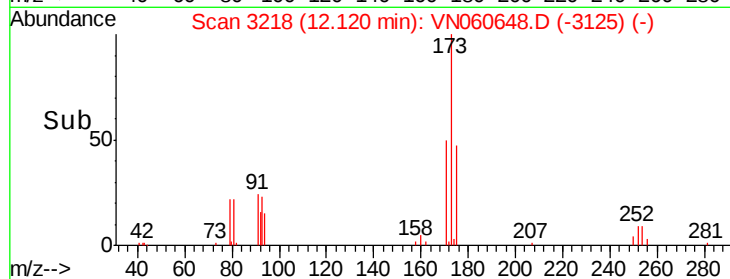
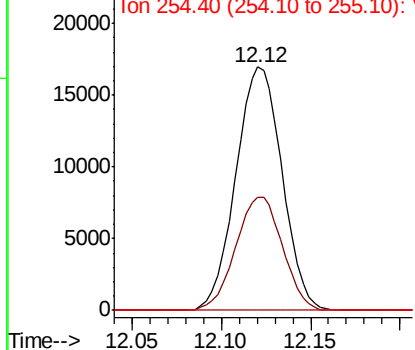
#71
Bromoform
Concen: 18.638 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 30685
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.0 0.0 0.0

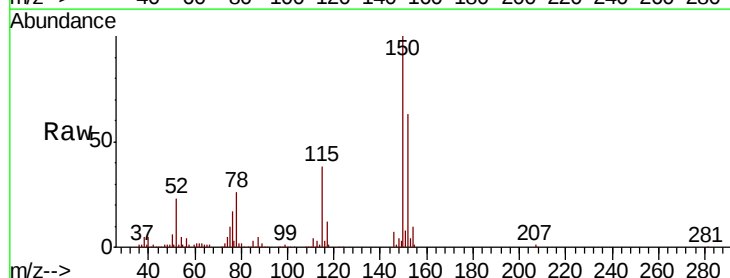


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

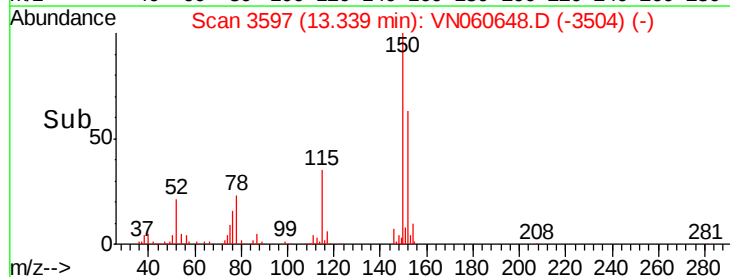
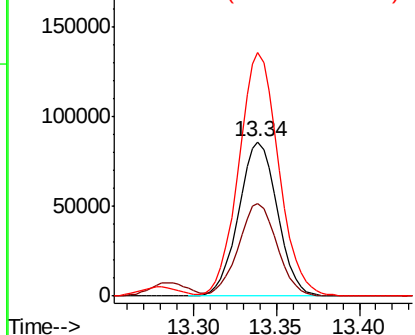


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion:152 Resp: 139268
Ion Ratio Lower Upper
152 100
115 59.6 30.2 90.6
150 162.8 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.019 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

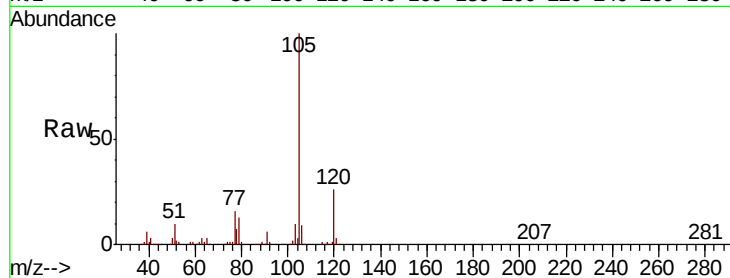
ClientSampled :

Tot Ion:105 Resp: 198782

Ion Ratio Lower Upper

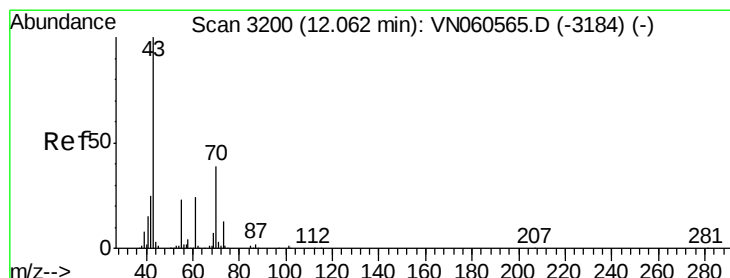
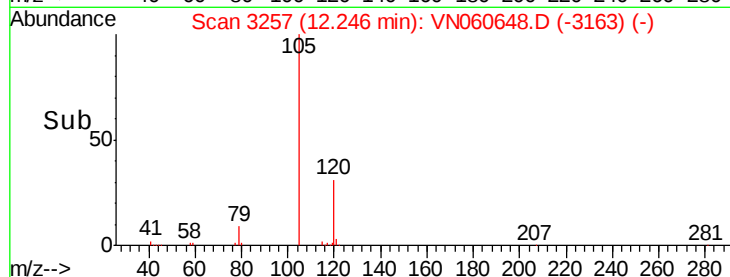
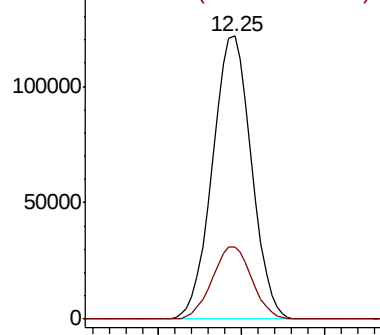
105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.791 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Tgt Ion: 43 Resp: 85921

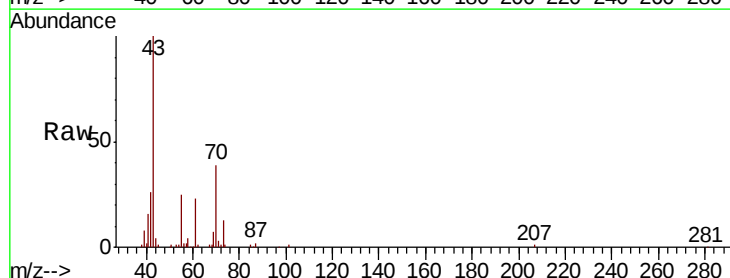
Ion Ratio Lower Upper

43 100

70 38.9 31.1 46.7

55 24.6 18.6 27.8

61 23.5 18.9 28.3

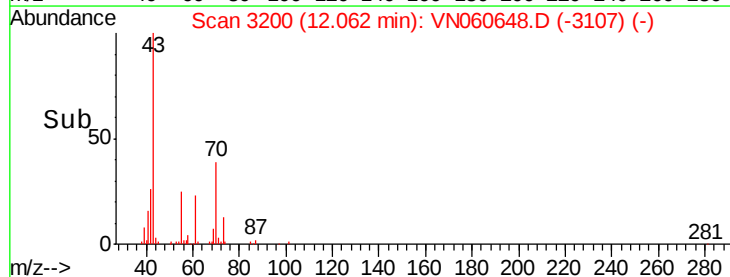
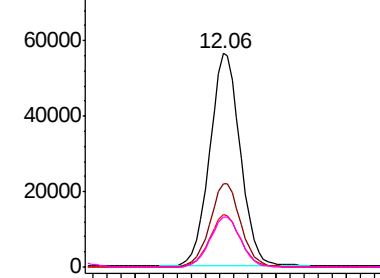


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.636 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

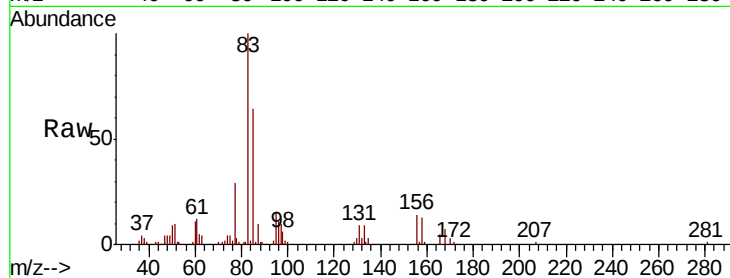
Tot Ion: 83 Resp: 58902

Ion Ratio Lower Upper

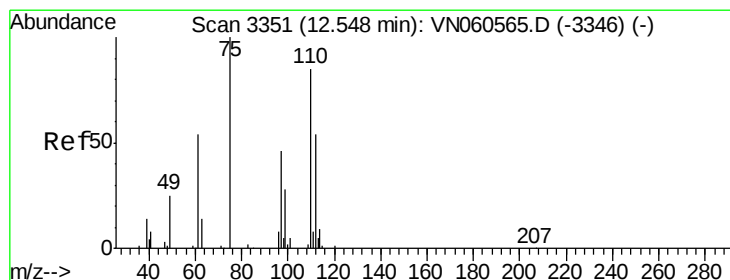
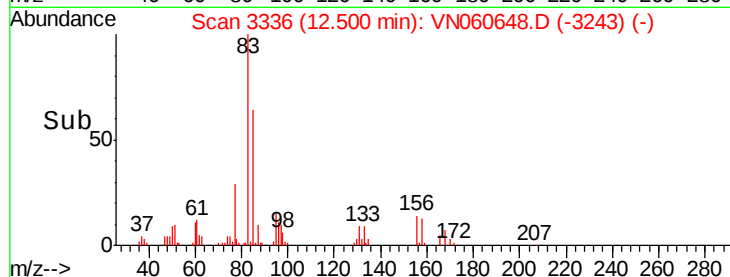
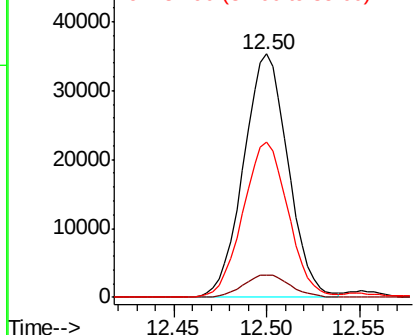
83 100

131 9.6 4.9 14.7

85 64.6 32.5 97.4



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



#76

1,2,3-Trichloropropane

Concen: 26.405 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060648.D

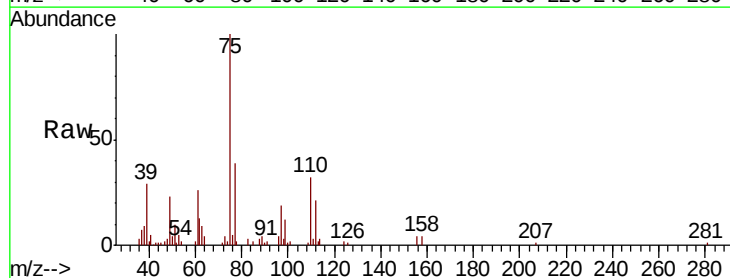
Acq: 20 Mar 2020 13:23

Tgt Ion: 75 Resp: 79351

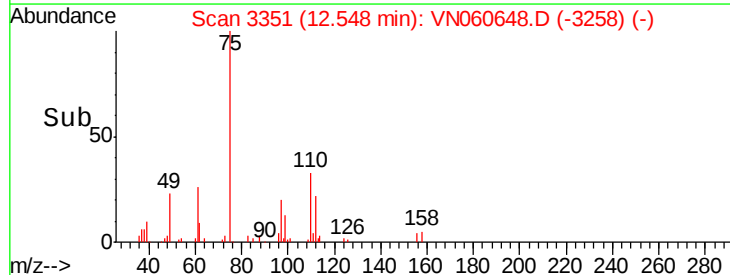
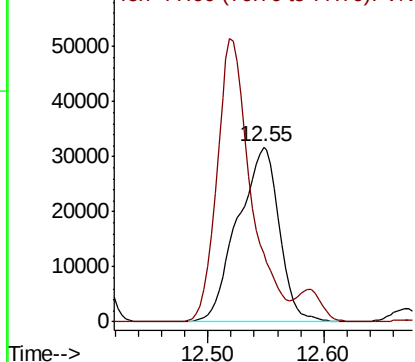
Ion Ratio Lower Upper

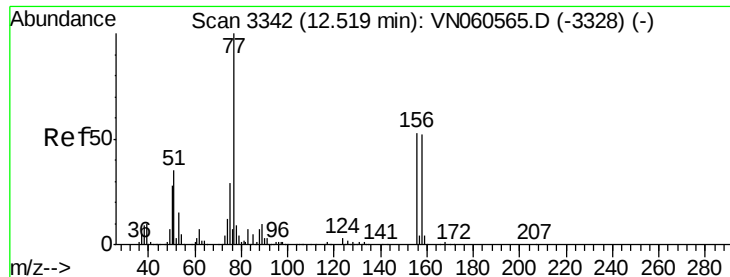
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 18.747 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

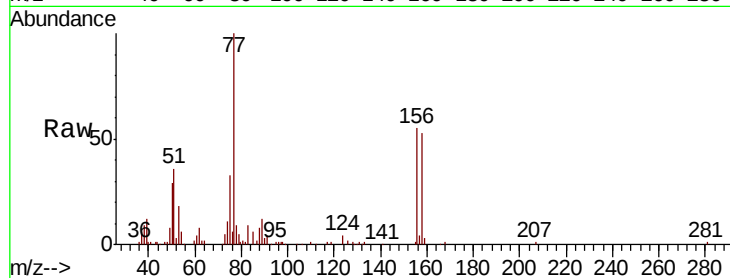
Tot Ion:156 Resp: 47213

Ion Ratio Lower Upper

156 100

77 221.8 112.3 337.0

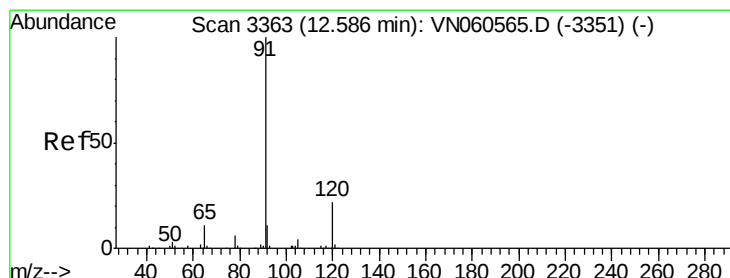
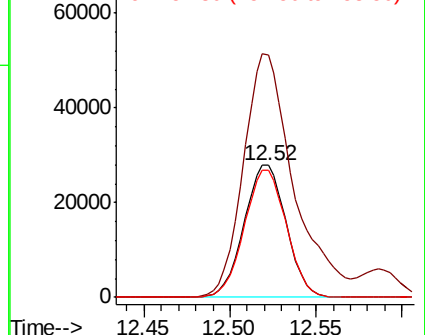
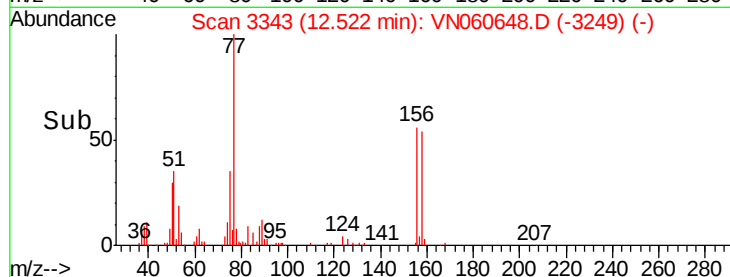
158 96.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.091 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060648.D

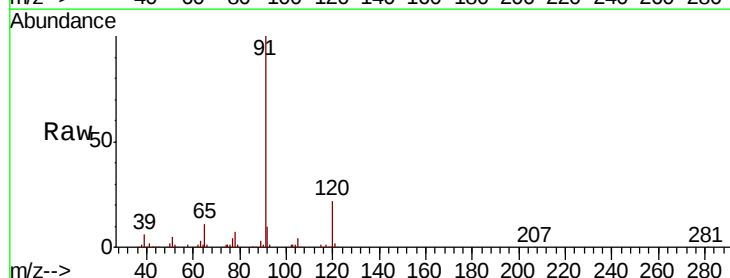
Acq: 20 Mar 2020 13:23

Tgt Ion: 91 Resp: 235738

Ion Ratio Lower Upper

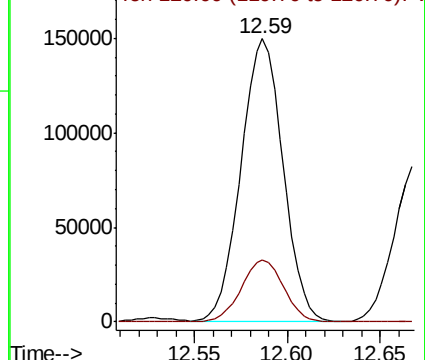
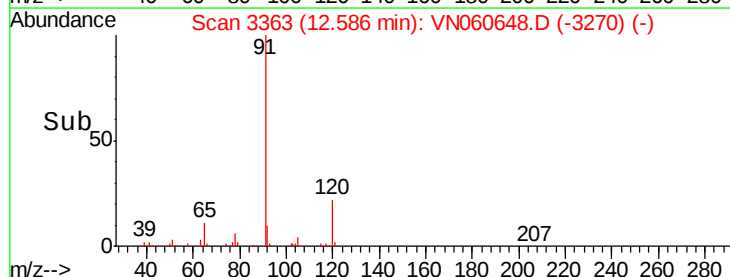
91 100

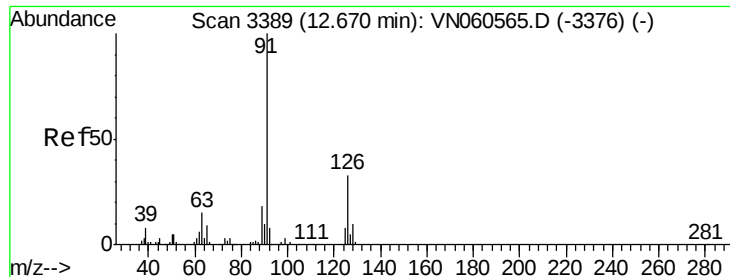
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.800 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

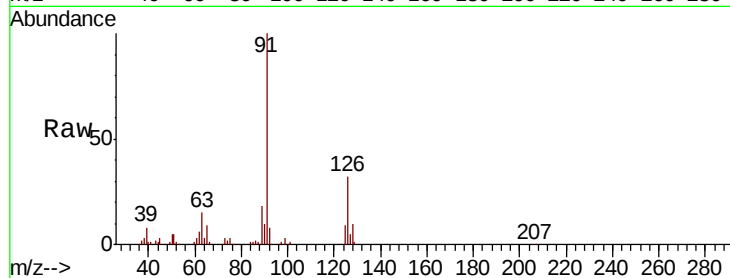
ClientSampled :

Tot Ion: 91 Resp: 138706

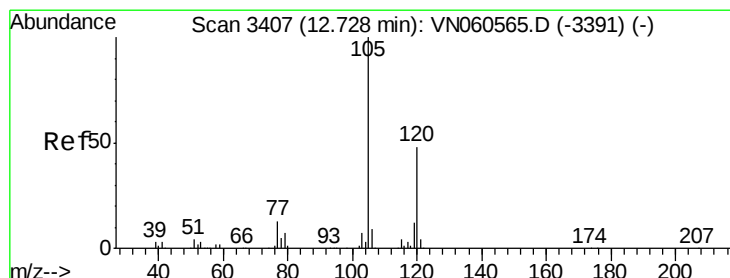
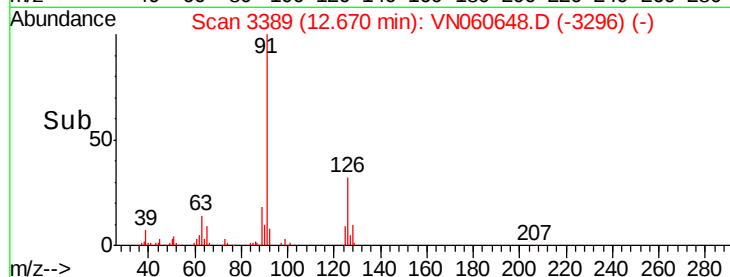
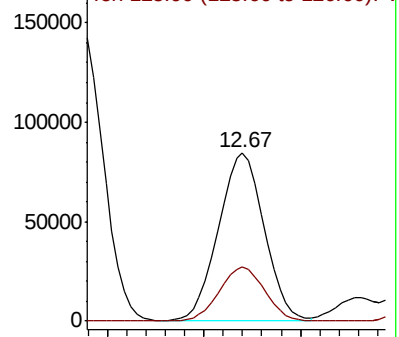
Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060648.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.993 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060648.D

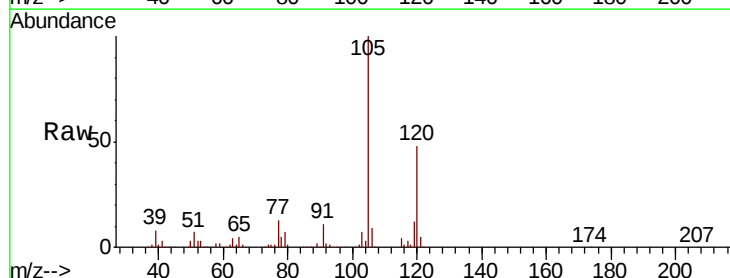
Acq: 20 Mar 2020 13:23

Tgt Ion:105 Resp: 168456

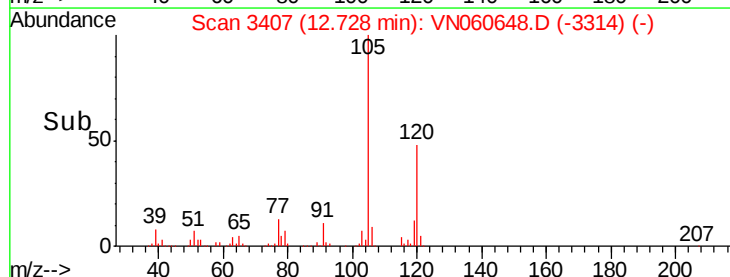
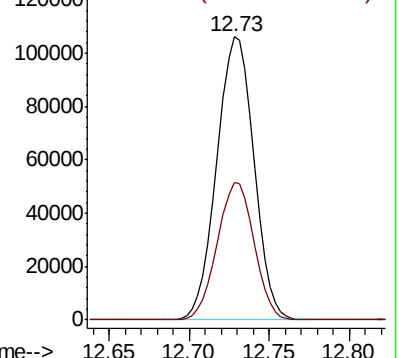
Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060648.D (-3391) (-)

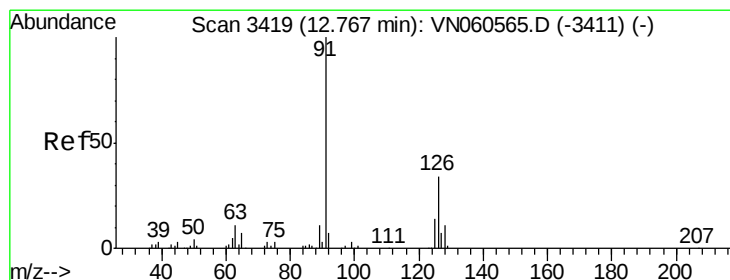
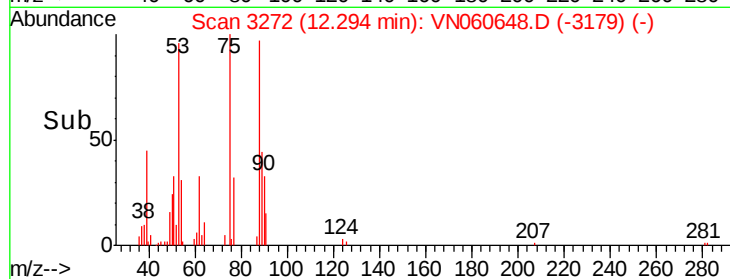
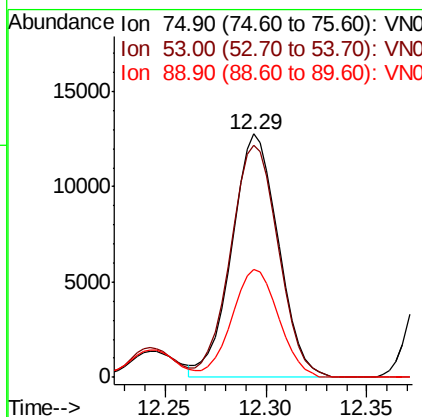
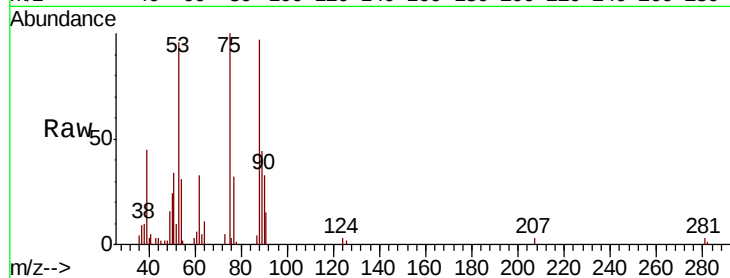




#81
trans-1,4-Dichloro-2-butene
Concen: 17.660 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

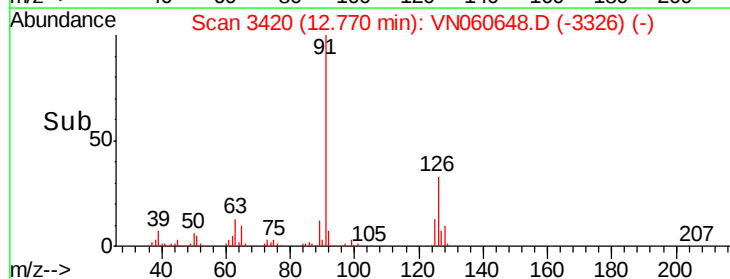
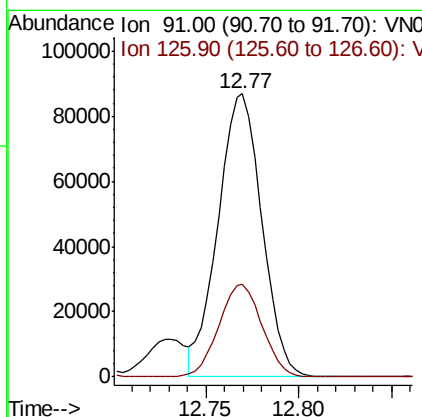
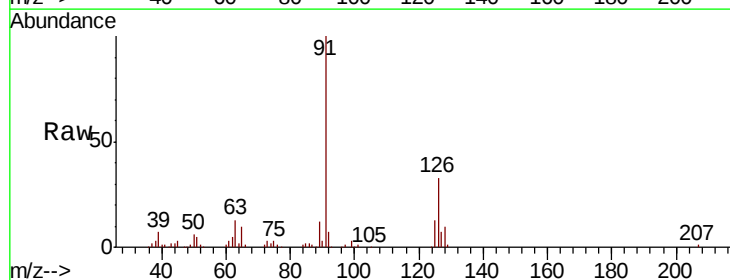
Instrument :
MSVOA_N
ClientSampleId :

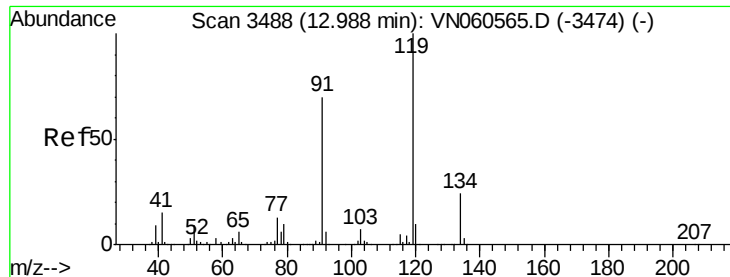
Tot Ion: 75 Resp: 20664
Ion Ratio Lower Upper
75 100
53 97.6 73.0 109.4
89 44.6 34.8 52.2



#82
4-Chlorotoluene
Concen: 18.966 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 91 Resp: 142517
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5

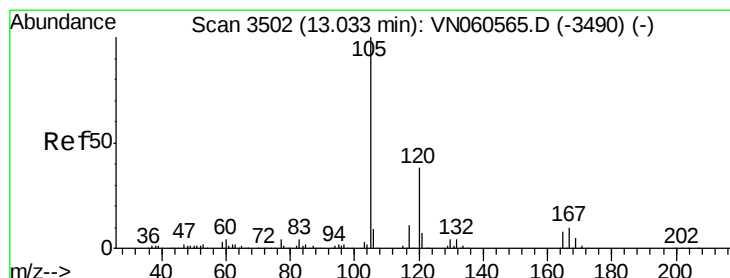
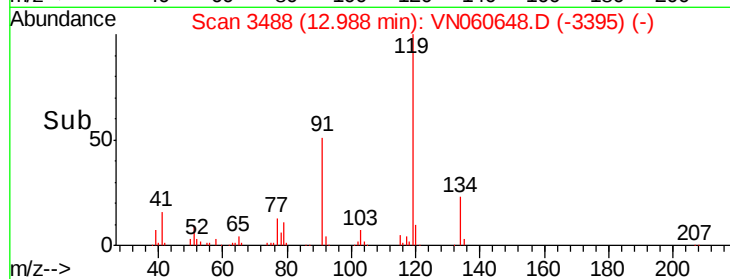
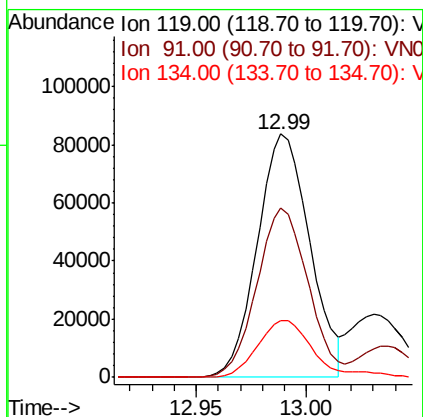
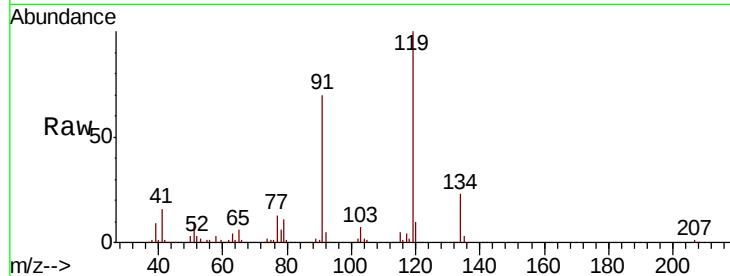




#83
tert-Butylbenzene
Concen: 18.810 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

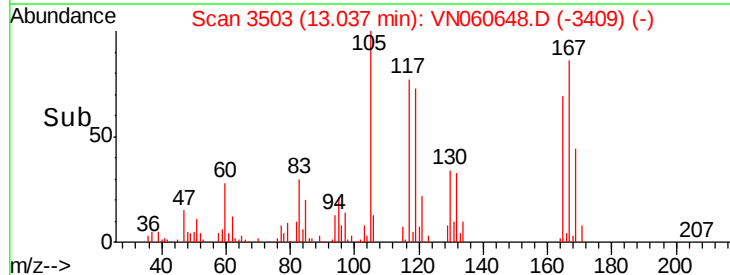
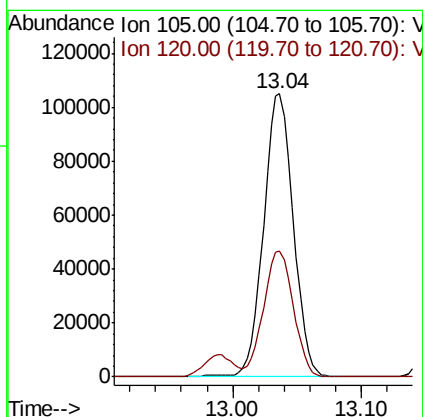
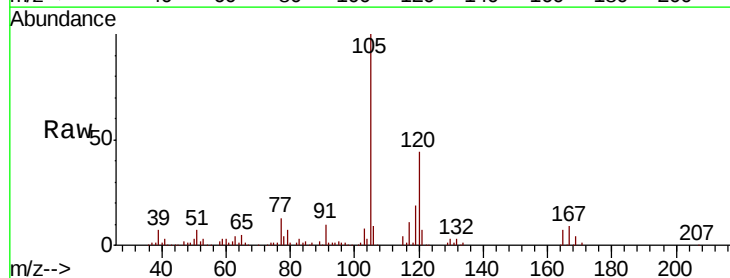
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 138303
Ion Ratio Lower Upper
119 100
91 67.9 34.0 101.8
134 25.1 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 19.177 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion:105 Resp: 168269
Ion Ratio Lower Upper
105 100
120 44.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.977 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

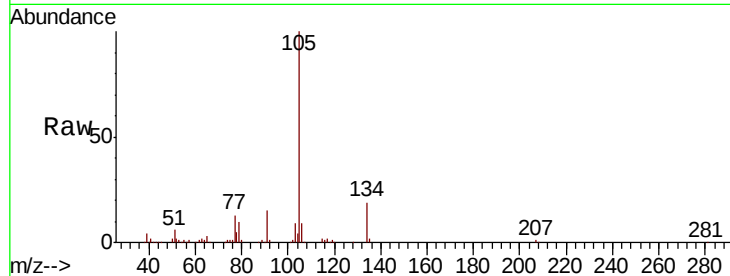
ClientSampled :

Tot Ion:105 Resp: 187626

Ion Ratio Lower Upper

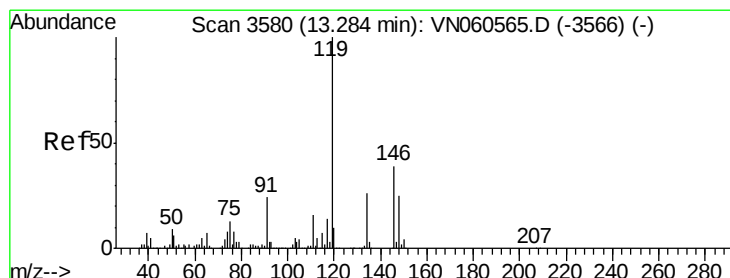
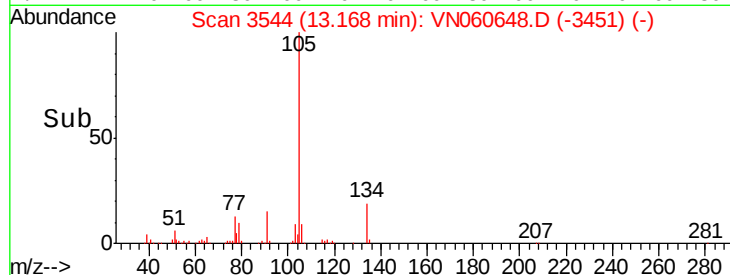
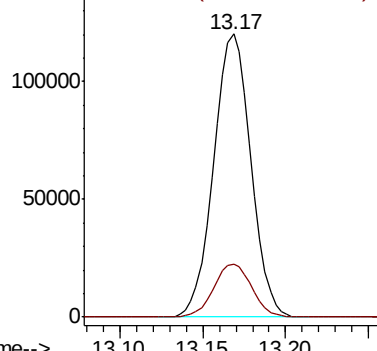
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.792 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

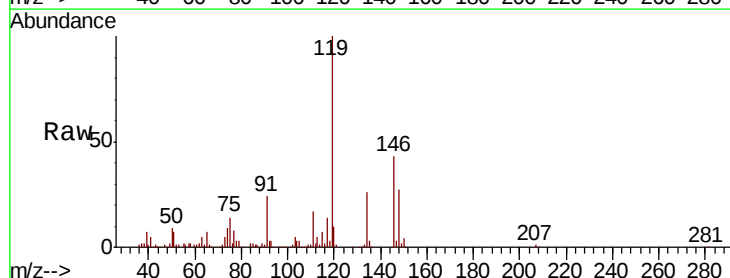
Tgt Ion:119 Resp: 167075

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

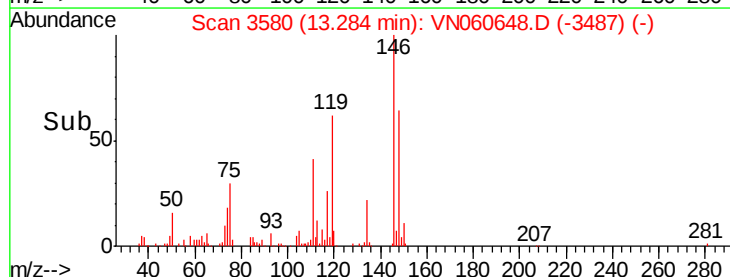
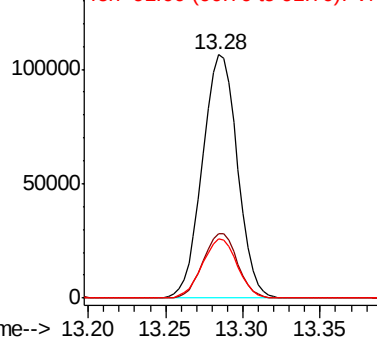
91 24.4 12.0 36.0



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: 19.042 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060648.D

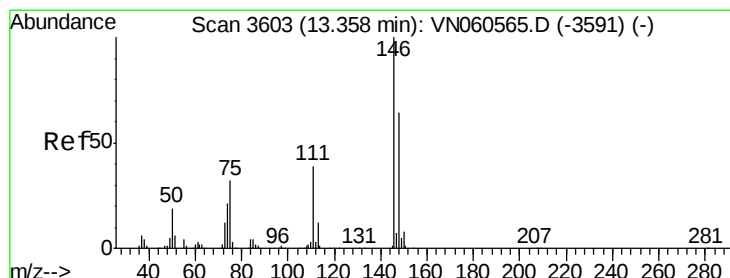
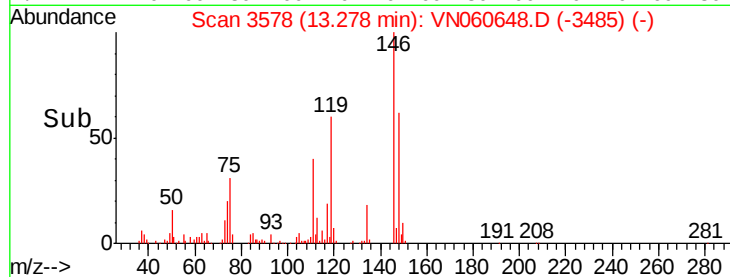
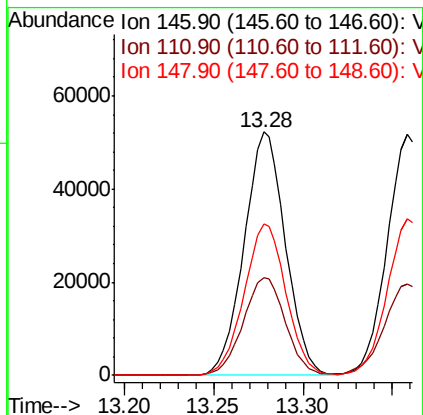
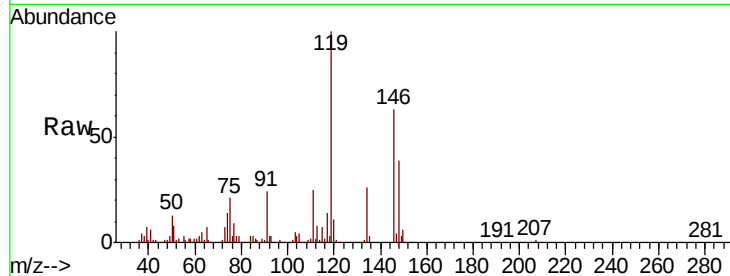
Acq: 20 Mar 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	84581
Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	63.1	32.5	97.4



#88

1,4-Dichlorobenzene

Concen: 19.007 ug/l

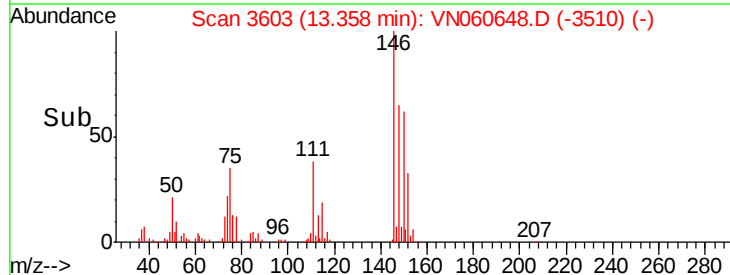
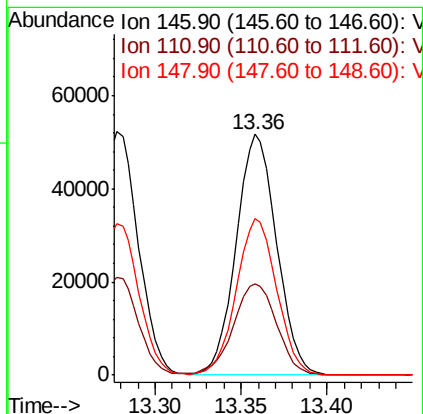
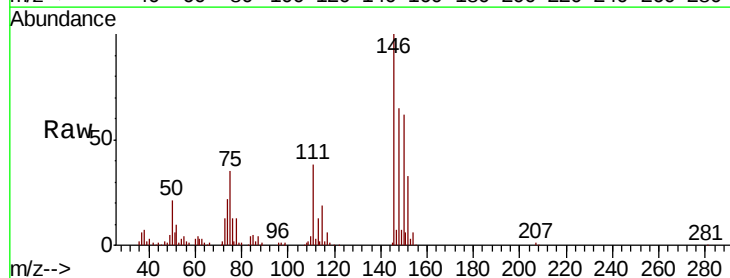
RT: 13.36 min Scan# 3603

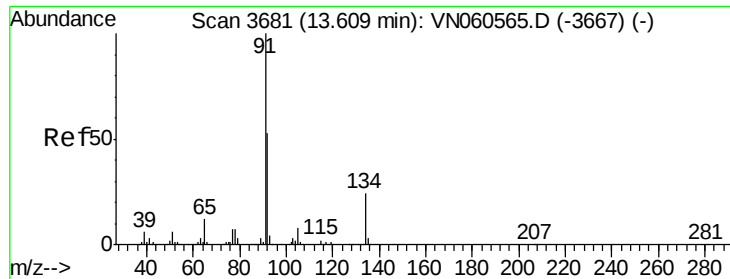
Delta R.T. -0.00 min

Lab File: VN060648.D

Acq: 20 Mar 2020 13:23

Tgt Ion:	146	Resp:	84820
Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.7
148	64.8	32.1	96.3

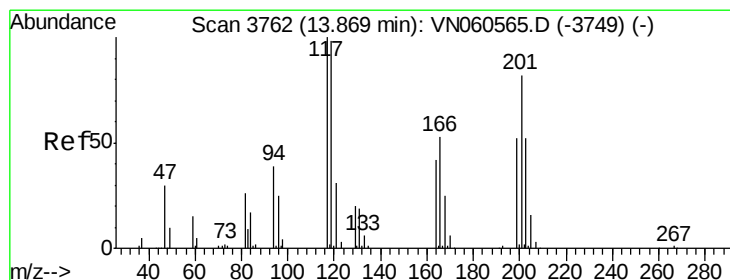
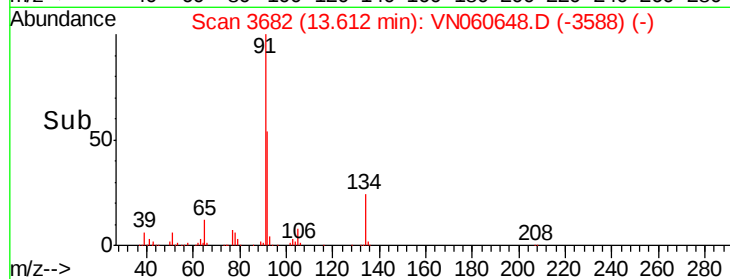
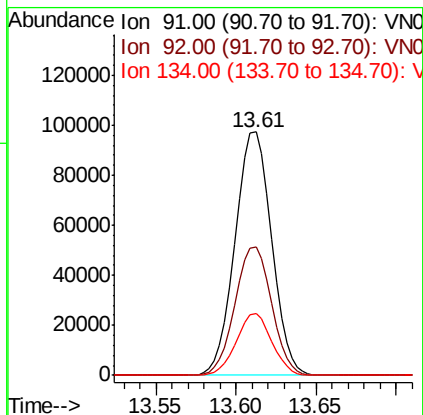
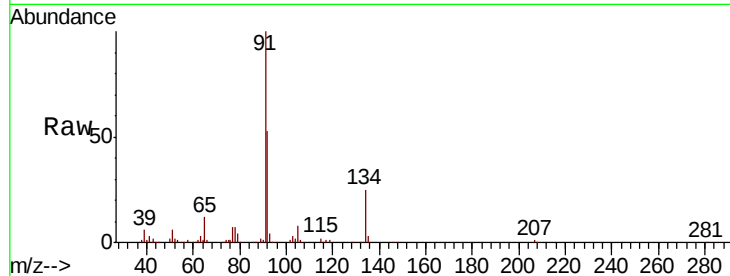




#89
n-Butylbenzene
Concen: 18.844 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

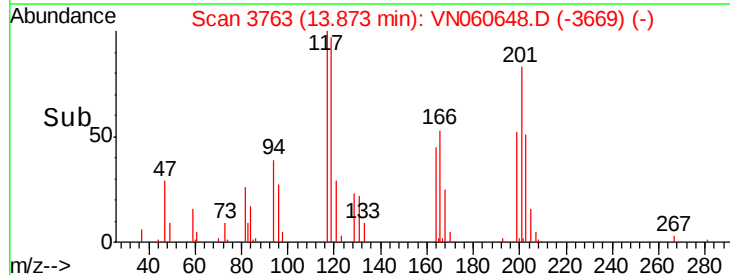
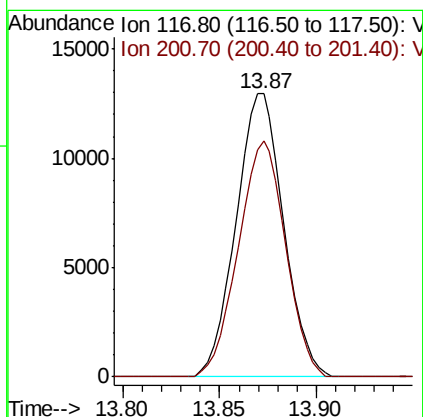
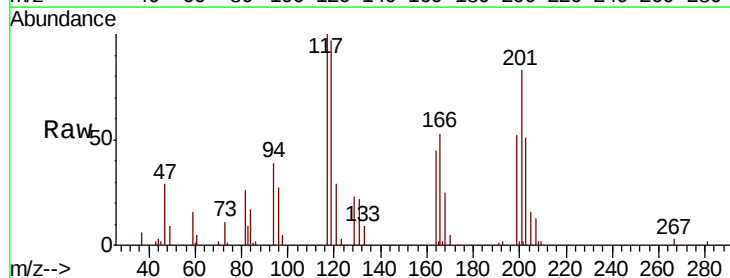
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 151258
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 17.157 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion: 117 Resp: 22172
Ion Ratio Lower Upper
117 100
201 82.5 40.8 122.5

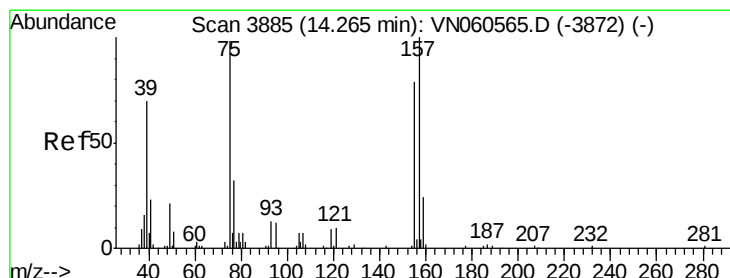
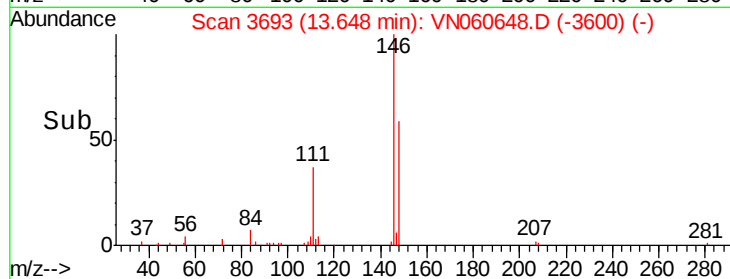
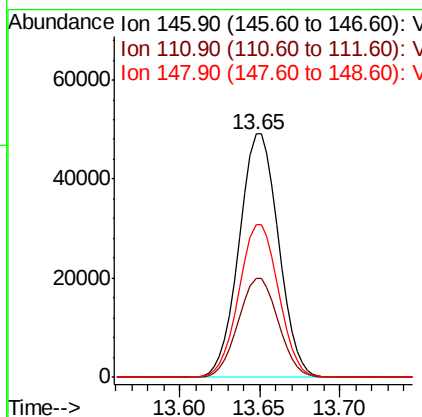
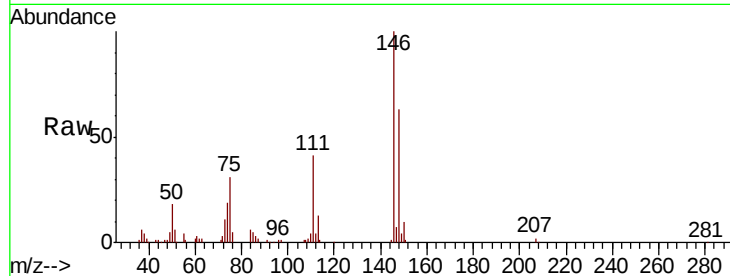




#91
 1,2-Dichlorobenzene
 Concen: 19.444 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

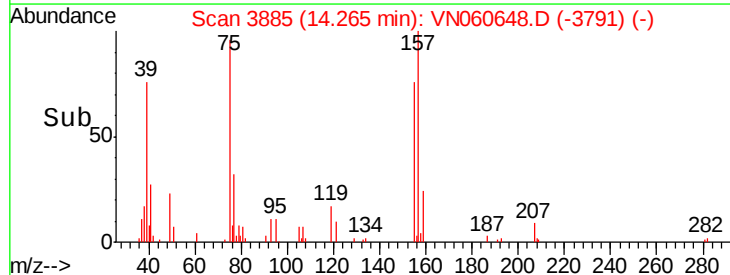
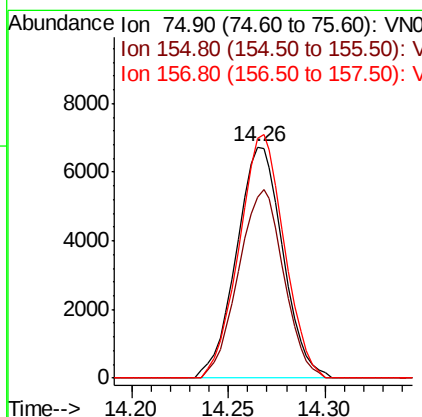
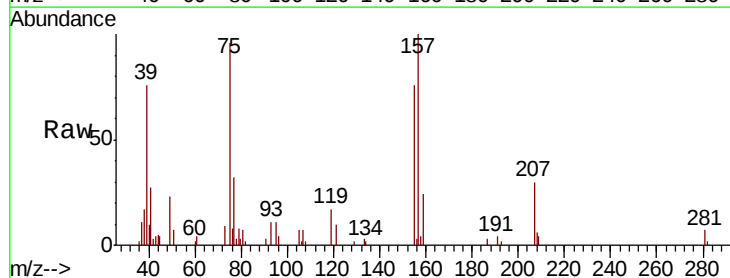
Instrument :
 MSVOA_N
 ClientSampleId :

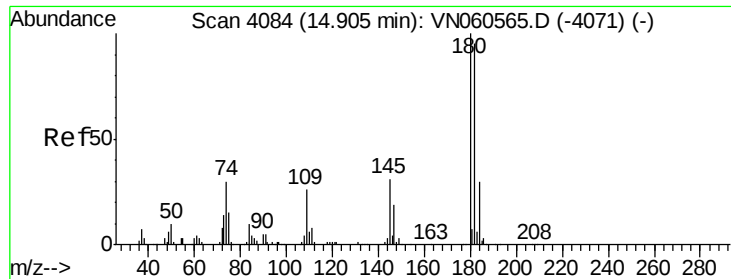
Tot Ion:146 Resp: 82584
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.0 63.0
 148 63.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.792 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Tgt Ion: 75 Resp: 11234
 Ion Ratio Lower Upper
 75 100
 155 79.7 40.7 122.1
 157 102.7 51.5 154.7

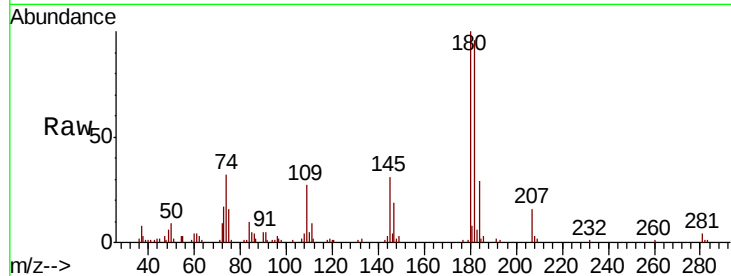




#93
 1,2,4-Trichlorobenzene
 Concen: 19.039 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.8
145	30.1	15.4	46.2

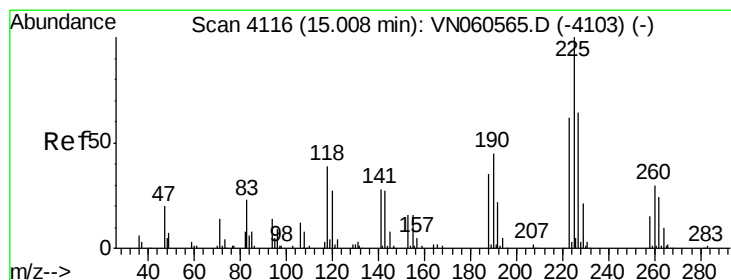
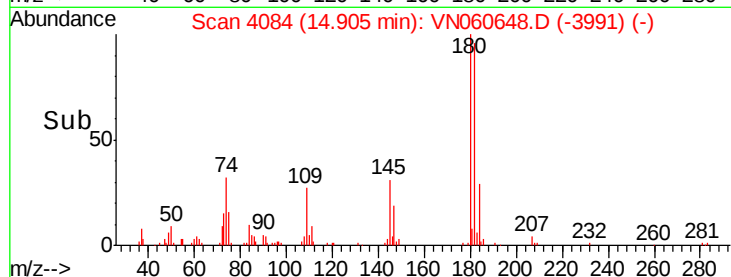
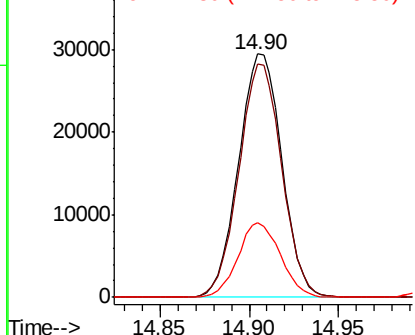


Abundance

Ion 179.80 (179.50 to 180.50): V

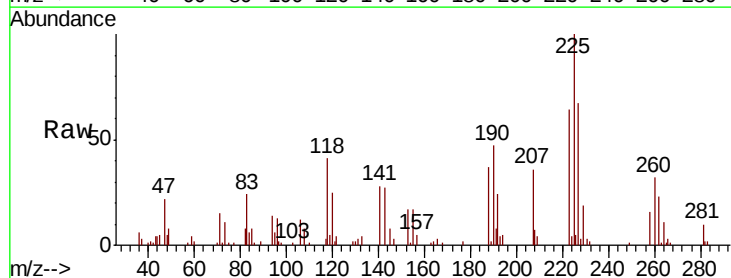
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.544 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060648.D
 Acq: 20 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	95.0
227	65.9	32.3	96.8

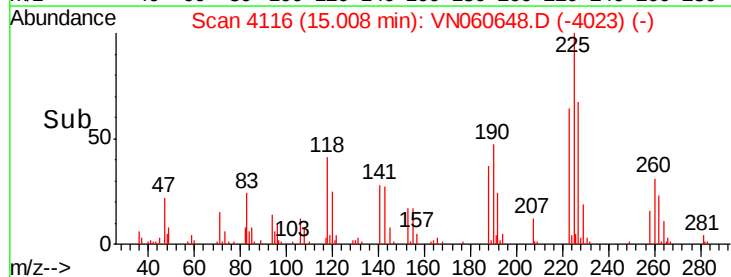
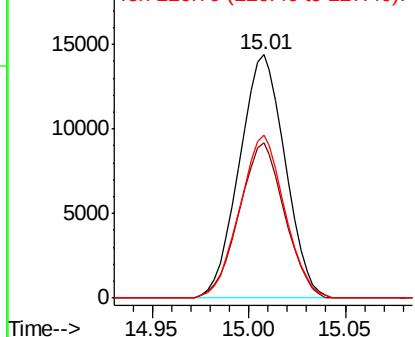


Abundance

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

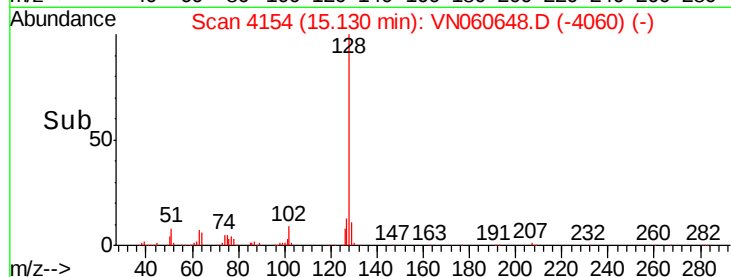
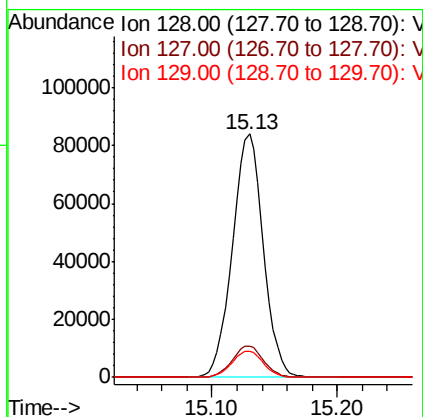
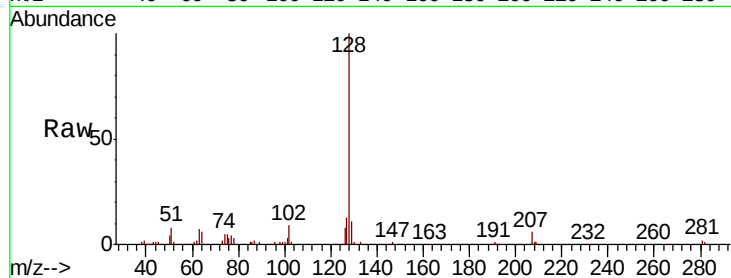




#95
Naphthalene
Concen: 18.244 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 143123
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.842 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060648.D
Acq: 20 Mar 2020 13:23

Tgt Ion:180 Resp: 48406
Ion Ratio Lower Upper
180 100
182 93.0 47.5 142.6
145 31.9 16.3 48.8

