

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052066.D
 Acq On : 31 Oct 2018 11:12
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 31 14:16:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	344648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	605344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	546893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	245308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215919	39.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.08%	
35) Dibromofluoromethane	7.59	113	186362	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.09	98	711793	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
62) 4-Bromofluorobenzene	12.40	95	256466	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	234475	55.97	ug/l	100
3) Chloromethane	2.06	50	239528	45.37	ug/l	98
4) Vinyl Chloride	2.19	62	244943	43.10	ug/l	98
5) Bromomethane	2.57	94	166506	39.06	ug/l	99
6) Chloroethane	2.71	64	149383	40.71	ug/l	97
7) Trichlorofluoromethane	3.02	101	326664	50.34	ug/l	96
8) Diethyl Ether	3.41	74	112416	46.44	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.77	101	200086	52.26	ug/l	96
10) Methyl Iodide	3.96	142	262277	52.27	ug/l	99
11) Tert butyl alcohol	4.78	59	69849	252.21	ug/l #	76
12) 1,1-Dichloroethene	3.74	96	176951	48.94	ug/l	98
13) Acrolein	3.61	56	53027	196.10	ug/l	94
14) Allyl chloride	4.33	41	326541	45.13	ug/l	95
15) Acrylonitrile	4.99	53	356572	225.21	ug/l	99
16) Acetone	3.82	43	272557	230.88	ug/l	97
17) Carbon Disulfide	4.06	76	531375	46.64	ug/l	98
18) Methyl Acetate	4.32	43	158527	42.18	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	529579	44.59	ug/l	97
20) Methylene Chloride	4.55	84	210917	46.89	ug/l	93
21) trans-1,2-Dichloroethene	5.05	96	202594	49.14	ug/l	93
22) Diisopropyl ether	5.95	45	673877	43.09	ug/l	98
23) Vinyl Acetate	5.90	43	2439292	225.10	ug/l	98
24) 1,1-Dichloroethane	5.85	63	382303	43.72	ug/l	98
25) 2-Butanone	6.83	43	427628	230.95	ug/l	96
26) 2,2-Dichloropropane	6.82	77	320377	46.13	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	230023	46.72	ug/l	95
28) Bromochloromethane	7.20	49	171460	39.56	ug/l	88
29) Tetrahydrofuran	7.21	42	281345	228.07	ug/l	98
30) Chloroform	7.37	83	394573	45.20	ug/l	95
31) Cyclohexane	7.65	56	363343	44.51	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	343280	48.90	ug/l	96
36) 1,1-Dichloropropene	7.80	75	306594	49.81	ug/l	97
37) Ethyl Acetate	6.93	43	198903	48.28	ug/l	98
38) Carbon Tetrachloride	7.78	117	303802	57.24	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052066.D
 Acq On : 31 Oct 2018 11:12
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 31 14:16:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	380027	52.03	ug/l	96
40) Benzene	8.04	78	878759	49.36	ug/l	100
41) Methacrylonitrile	7.17	41	88485	41.64	ug/l #	73
42) 1,2-Dichloroethane	8.13	62	288627	43.93	ug/l	98
43) Isopropyl Acetate	8.16	43	352988	48.17	ug/l #	88
44) Trichloroethene	8.84	130	228190	57.31	ug/l	88
45) 1,2-Dichloropropane	9.12	63	231580	45.66	ug/l	97
46) Dibromomethane	9.21	93	146968	51.85	ug/l	92
47) Bromodichloromethane	9.40	83	295810	50.04	ug/l	95
48) Methyl methacrylate	9.20	41	175053	47.12	ug/l	99
49) 1,4-Dioxane	9.20	88	40108	1280.32	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	986104	247.59	ug/l	99
52) Toluene	10.16	92	551833	51.35	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	309278	49.48	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	350265	50.46	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	192535	50.30	ug/l	97
56) Ethyl methacrylate	10.43	69	267900	48.93	ug/l	97
57) 1,3-Dichloropropane	10.71	76	339428	48.19	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	690300	237.01	ug/l	94
59) 2-Hexanone	10.75	43	702034	247.35	ug/l	99
60) Dibromochloromethane	10.90	129	222247	58.98	ug/l	99
61) 1,2-Dibromoethane	11.01	107	200373	52.66	ug/l	98
64) Tetrachloroethene	10.63	164	189922	57.32	ug/l	95
65) Chlorobenzene	11.43	112	616233	53.50	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	212283	58.69	ug/l	99
67) Ethyl Benzene	11.51	91	1075844	52.37	ug/l	96
68) m/p-Xylenes	11.62	106	827838	112.59	ug/l	94
69) o-Xylene	11.95	106	392961	54.01	ug/l	98
70) Styrene	11.96	104	651002	55.30	ug/l	97
71) Bromoform	12.13	173	128958	55.24	ug/l #	98
73) Isopropylbenzene	12.25	105	1066489	50.84	ug/l	97
74) N-amyl acetate	12.07	43	325755	44.50	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	234912	46.70	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	304186	67.74	ug/l #	100
77) Bromobenzene	12.53	156	239150	54.49	ug/l	83
78) n-propylbenzene	12.59	91	1233875	48.54	ug/l	97
79) 2-Chlorotoluene	12.67	91	711643	48.03	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	864494	50.64	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	68146	50.37	ug/l	96
82) 4-Chlorotoluene	12.77	91	734768	48.63	ug/l	95
83) tert-Butylbenzene	12.99	119	745848	52.01	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	867217	51.04	ug/l	97
85) sec-Butylbenzene	13.17	105	1036577	50.60	ug/l	96
86) p-Isopropyltoluene	13.29	119	894740	53.63	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	432241	54.00	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	429925	53.59	ug/l	96
89) n-Butylbenzene	13.61	91	786601	49.44	ug/l	98
90) Hexachloroethane	13.88	117	150328	52.58	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	405289	53.86	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35146	48.50	ug/l	82

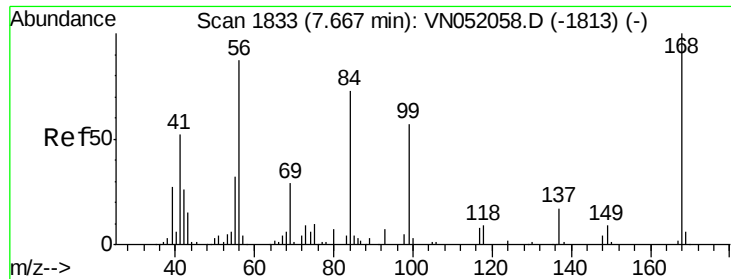
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
Data File : VN052066.D
Acq On : 31 Oct 2018 11:12
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Oct 31 14:16:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	179400	64.02	ug/l	96
94) Hexachlorobutadiene	15.01	225	91809	58.54	ug/l	95
95) Naphthalene	15.13	128	443260	63.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	154728	63.98	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

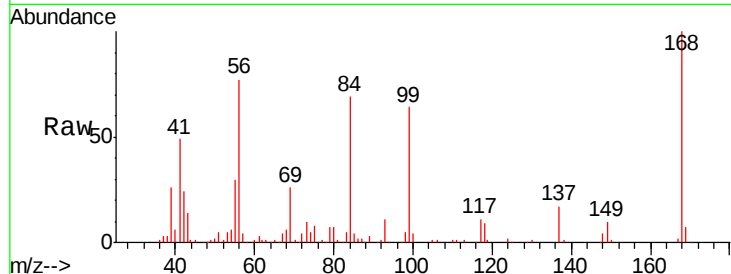
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 168 Resp: 344648

Ion Ratio Lower Upper

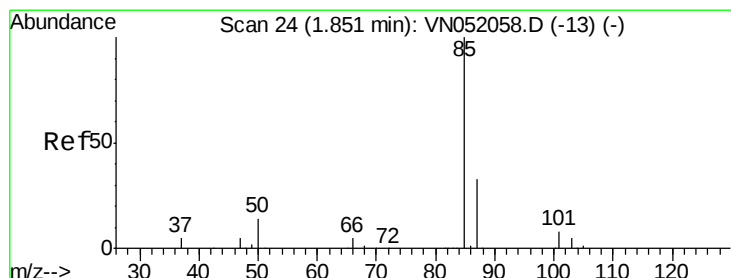
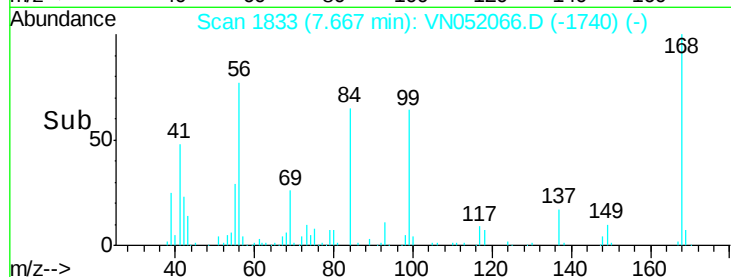
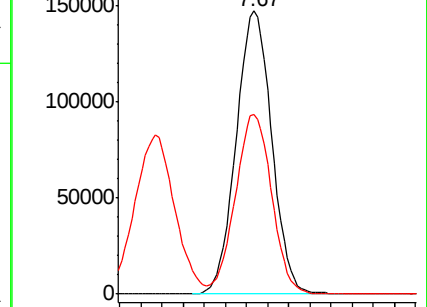
168 100

99 63.5 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 55.97 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052066.D

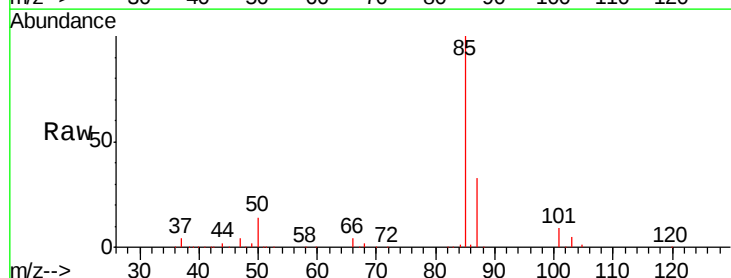
Acq: 31 Oct 2018 11:12

Tgt Ion: 85 Resp: 234475

Ion Ratio Lower Upper

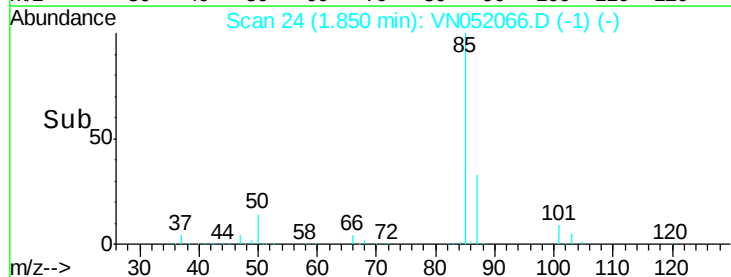
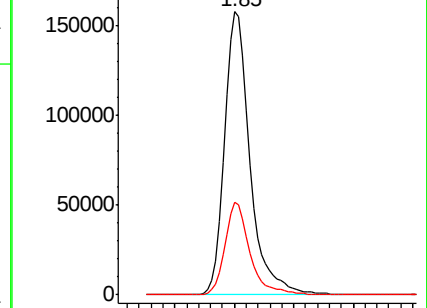
85 100

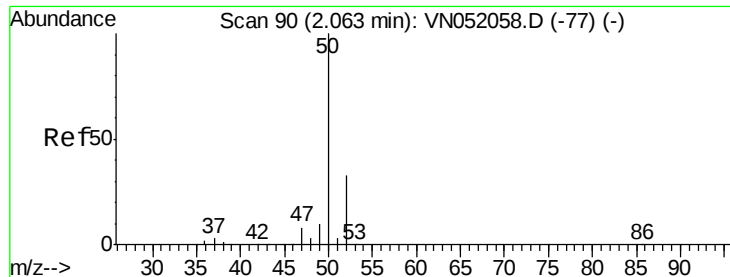
87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

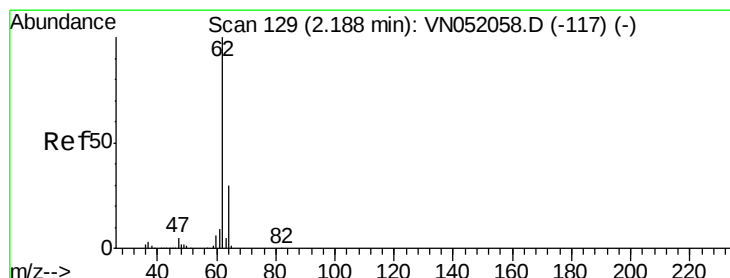
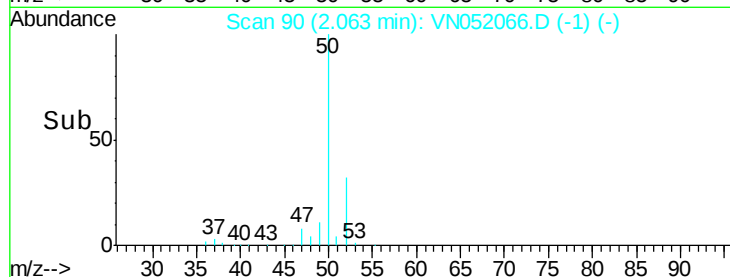
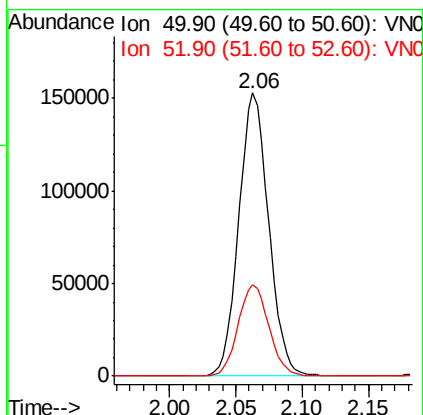
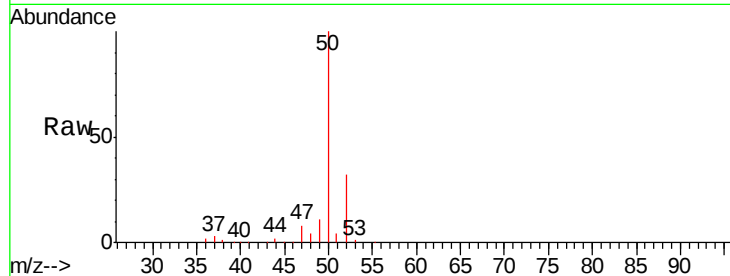




#3
 Chloromethane
 Concen: 45.37 ug/l
 RT: 2.06 min Scan# 90
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

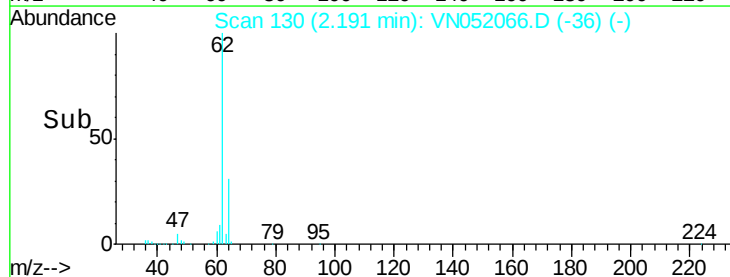
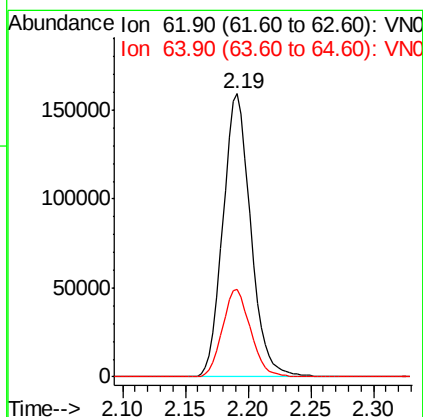
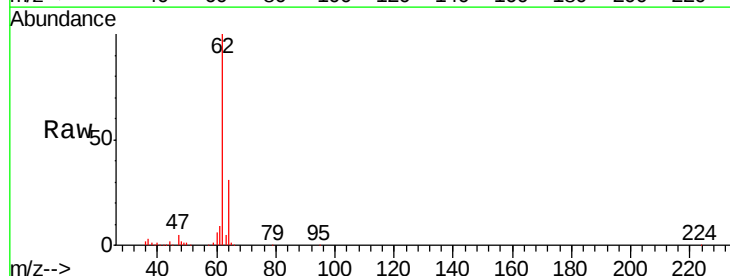
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

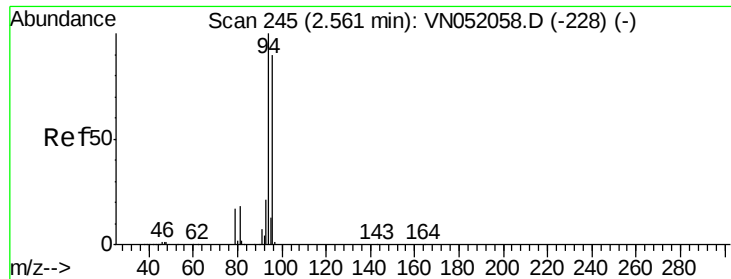
Tgt Ion: 50 Resp: 239528
 Ion Ratio Lower Upper
 50 100
 52 32.2 26.6 39.8



#4
 Vinyl Chloride
 Concen: 43.10 ug/l
 RT: 2.19 min Scan# 130
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 62 Resp: 244943
 Ion Ratio Lower Upper
 62 100
 64 30.7 23.7 35.5





#5

Bromomethane

Concen: 39.06 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

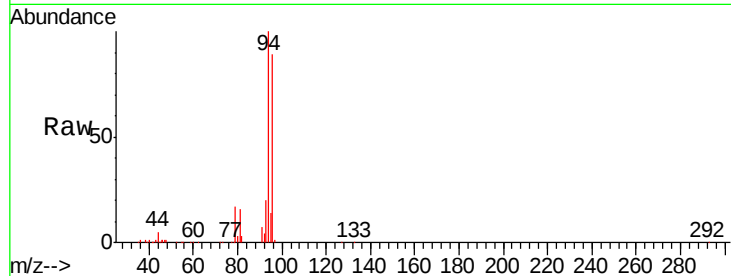
VSTDCCC050

Tgt Ion: 94 Resp: 166506

Ion Ratio Lower Upper

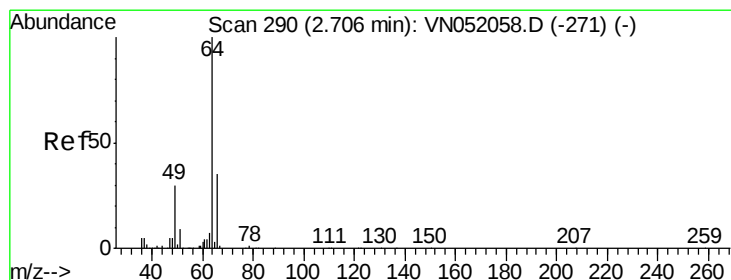
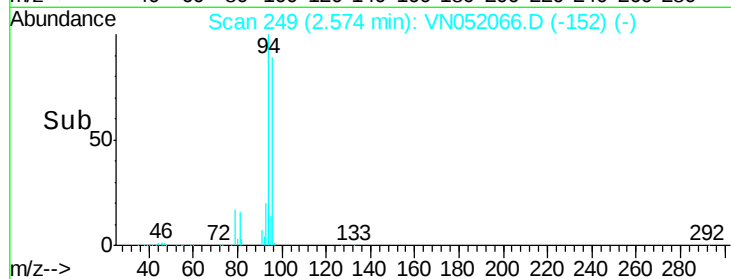
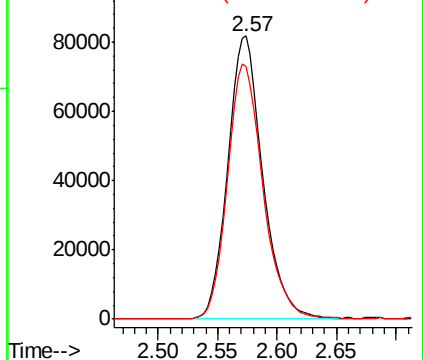
94 100

96 89.1 71.8 107.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 40.71 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052066.D

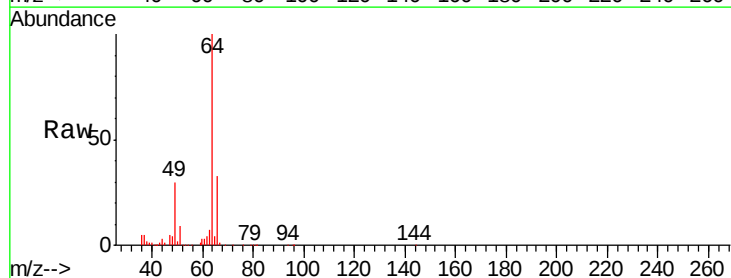
Acq: 31 Oct 2018 11:12

Tgt Ion: 64 Resp: 149383

Ion Ratio Lower Upper

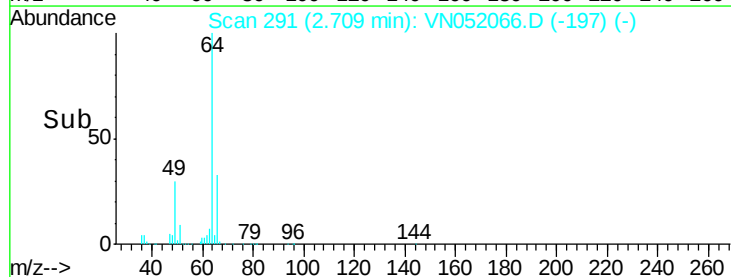
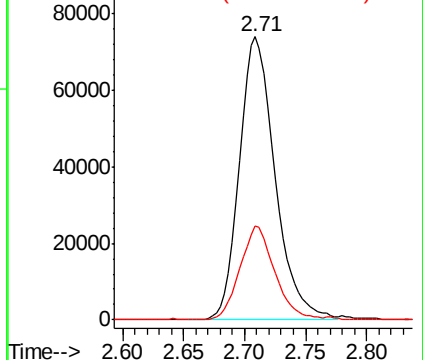
64 100

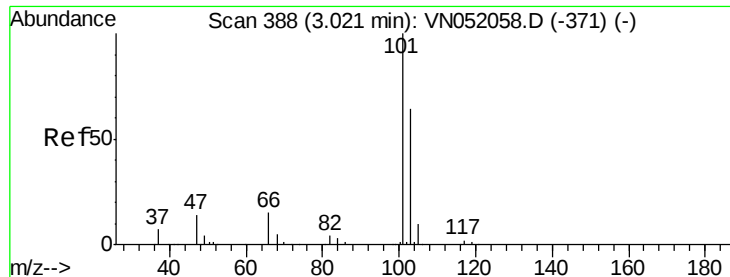
66 33.0 27.9 41.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



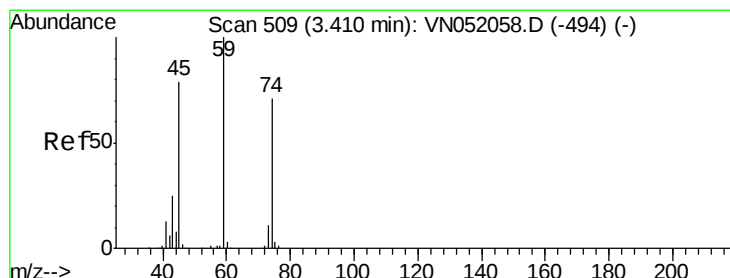
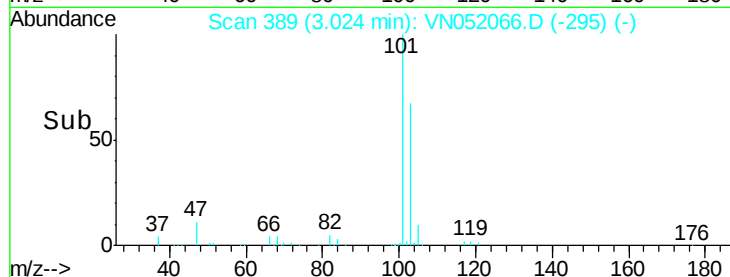
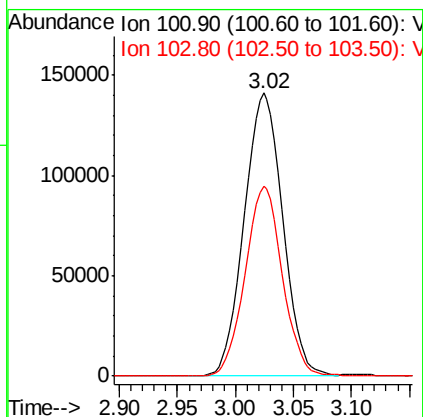
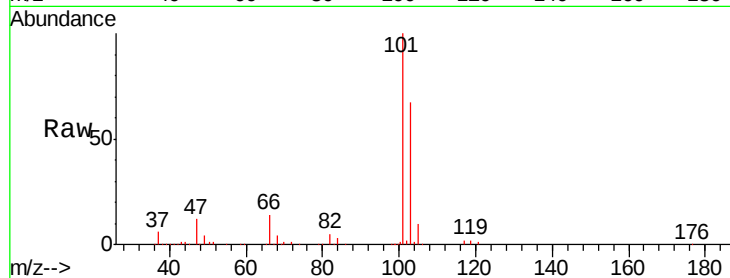


#7

Trichlorofluoromethane
 Concen: 50.34 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

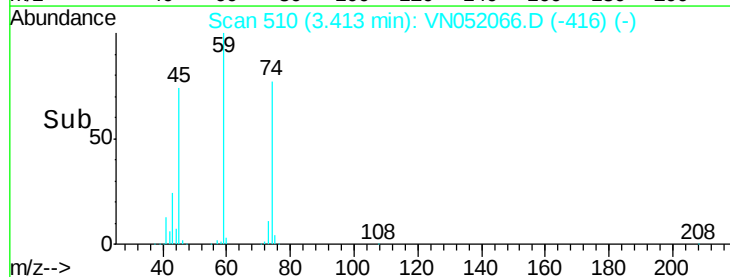
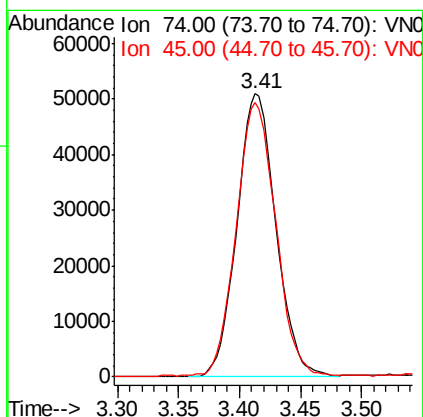
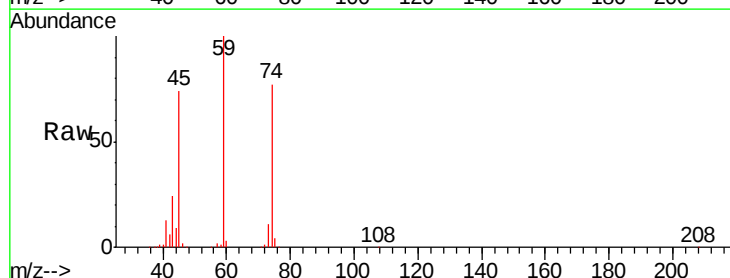
Tgt Ion: 101 Resp: 326664
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.0 76.4

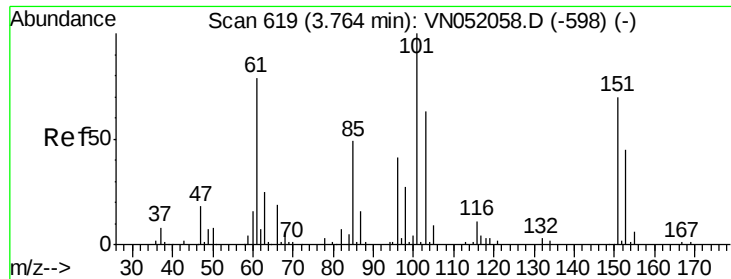


#8

Diethyl Ether
 Concen: 46.44 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 74 Resp: 112416
 Ion Ratio Lower Upper
 74 100
 45 97.5 55.6 166.8

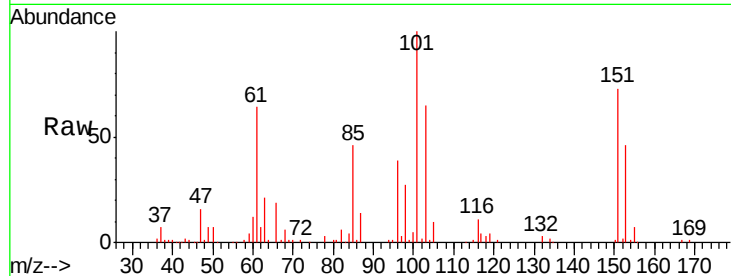




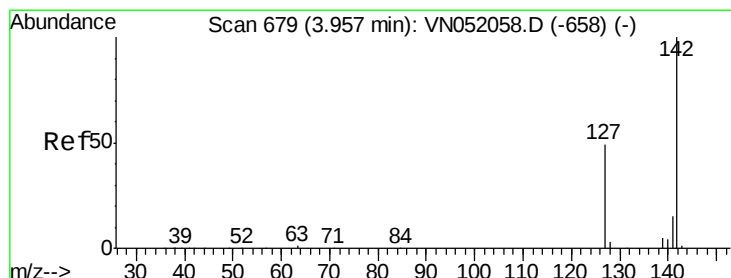
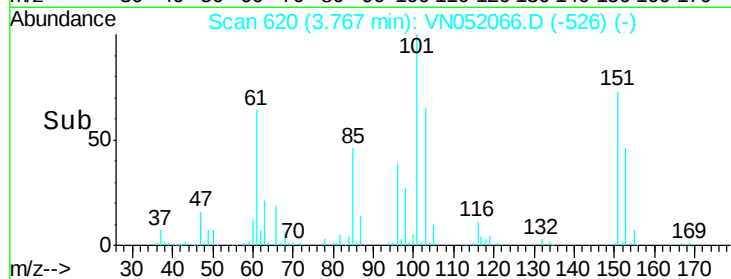
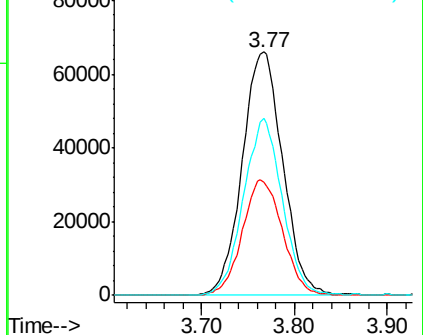
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.26 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 200086
 Ion Ratio Lower Upper
 101 100
 85 47.3 38.6 58.0
 151 69.7 52.6 78.8

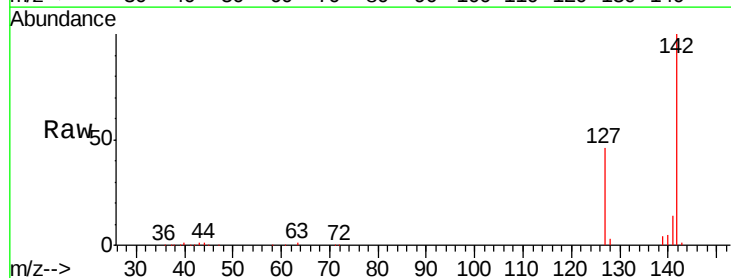


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

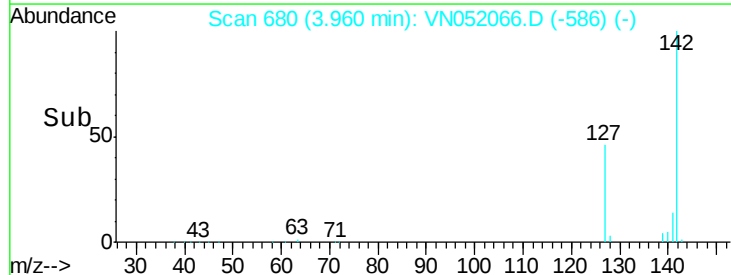
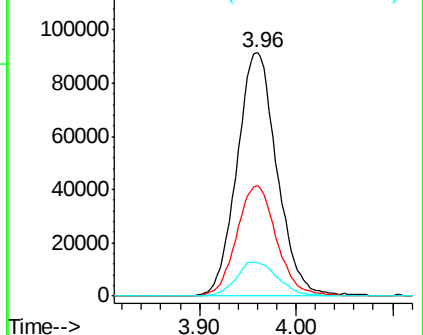


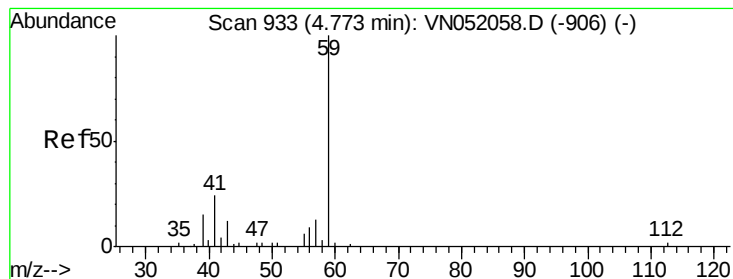
#10
 Methyl Iodide
 Concen: 52.27 ug/l
 RT: 3.96 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion:142 Resp: 262277
 Ion Ratio Lower Upper
 142 100
 127 45.5 37.3 55.9
 141 14.6 11.4 17.2



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: 252.21 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.01 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

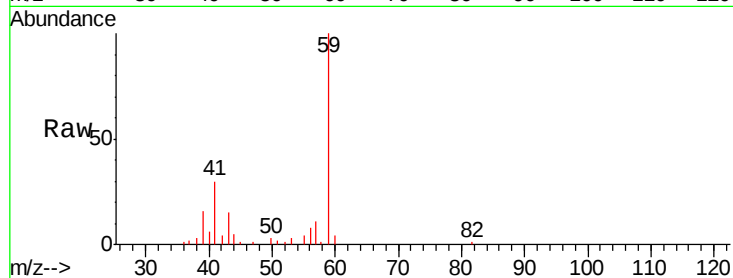
VSTDCCC050

Tgt Ion: 59 Resp: 69849

Ion Ratio Lower Upper

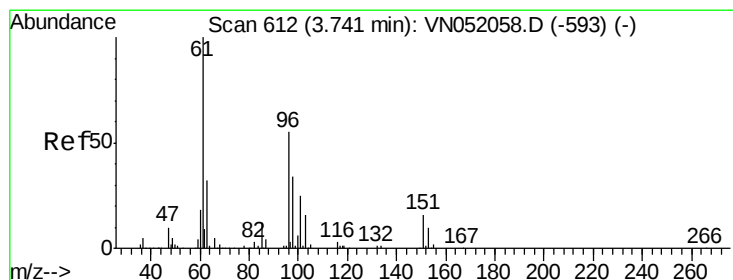
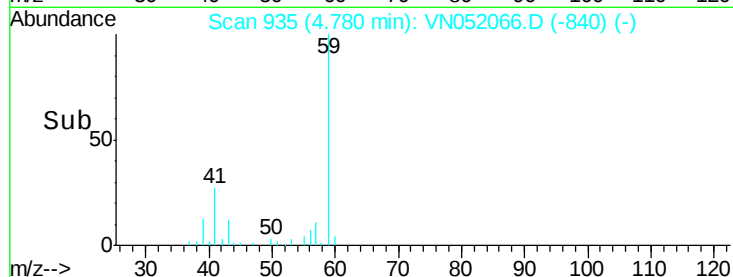
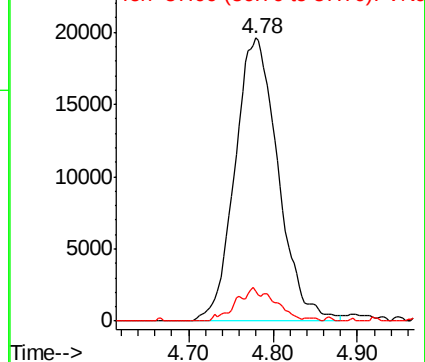
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 48.94 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

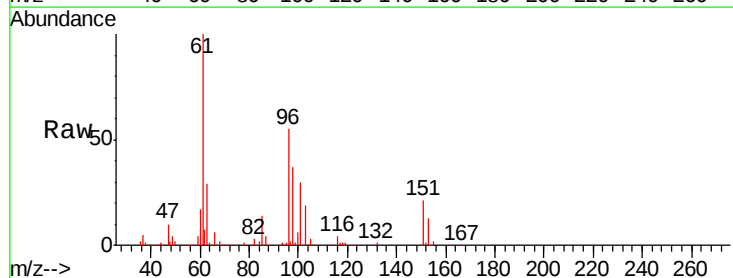
Tgt Ion: 96 Resp: 176951

Ion Ratio Lower Upper

96 100

61 181.8 145.7 218.5

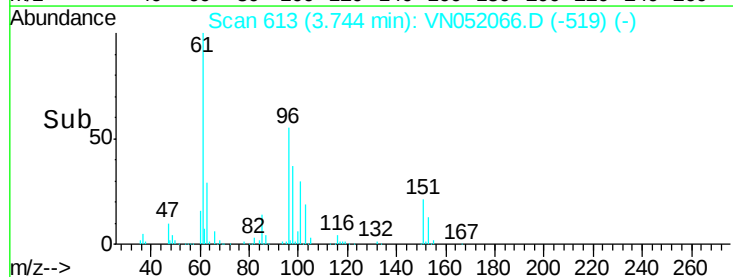
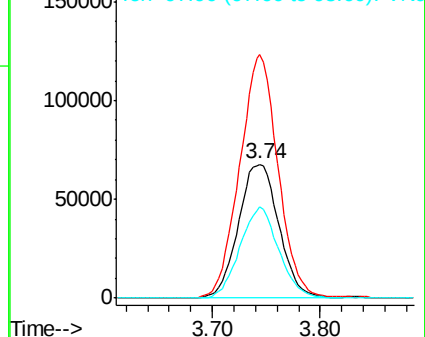
98 67.8 49.8 74.8

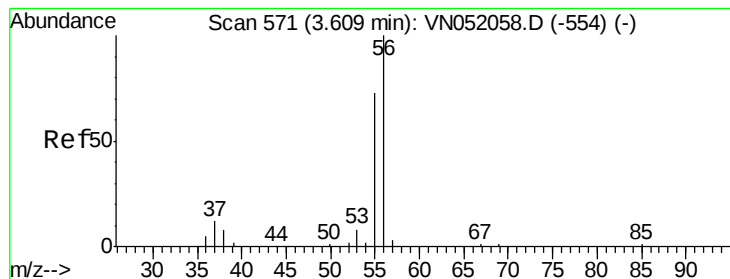


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 196.10 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

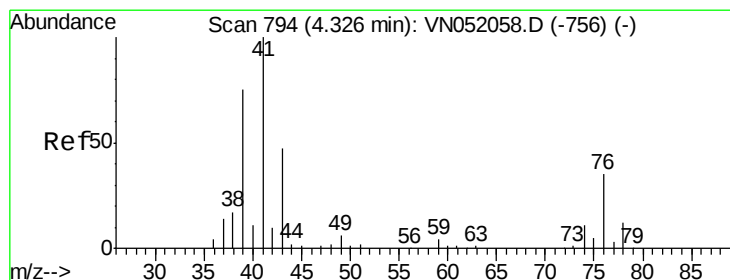
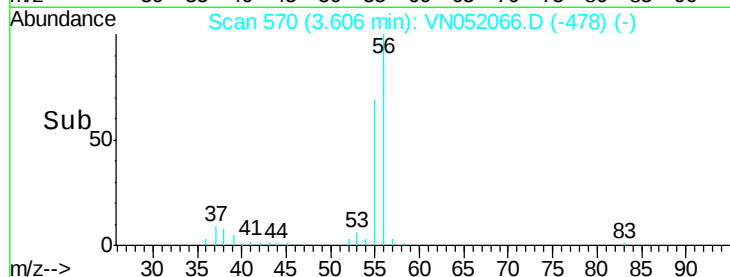
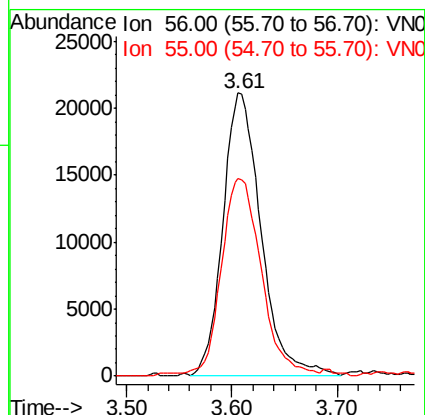
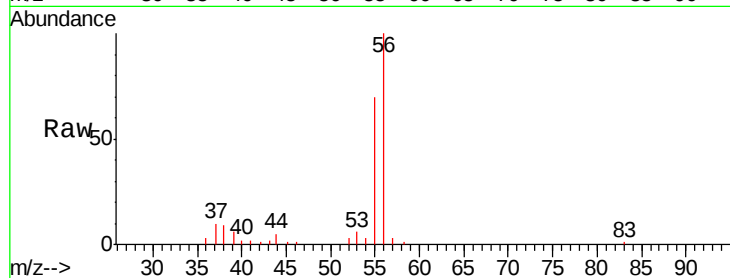
VSTDCCC050

Tgt Ion: 56 Resp: 53027

Ion Ratio Lower Upper

56 100

55 70.1 59.9 89.9



#14

Allyl chloride

Concen: 45.13 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

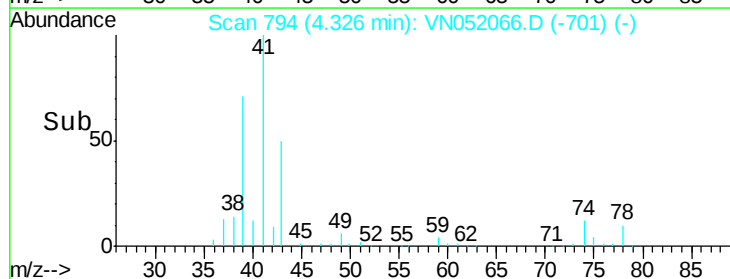
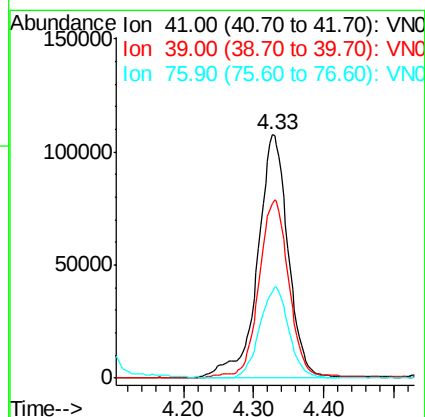
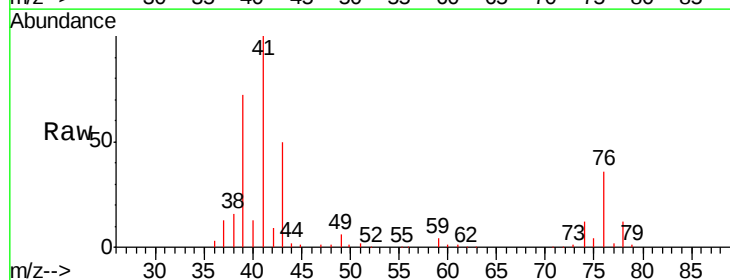
Tgt Ion: 41 Resp: 326541

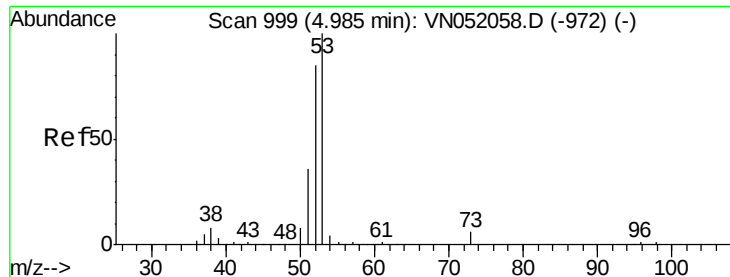
Ion Ratio Lower Upper

41 100

39 68.6 58.1 87.1

76 34.9 26.0 39.0





#15

Acrylonitrile

Concen: 225.21 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

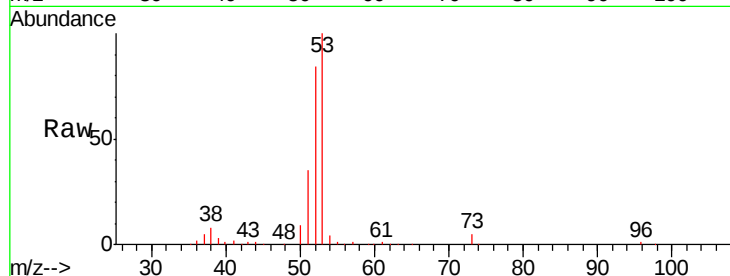
Tgt Ion: 53 Resp: 356572

Ion Ratio Lower Upper

53 100

52 81.7 66.6 100.0

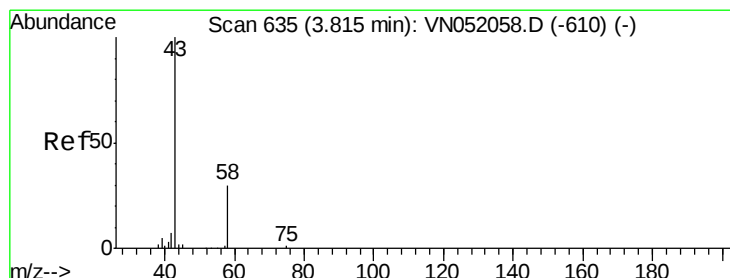
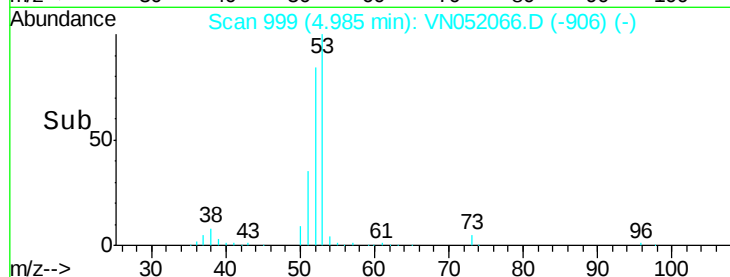
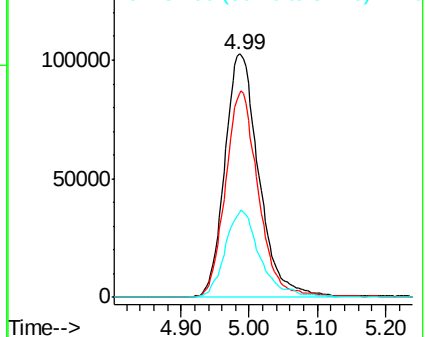
51 36.5 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 230.88 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052066.D

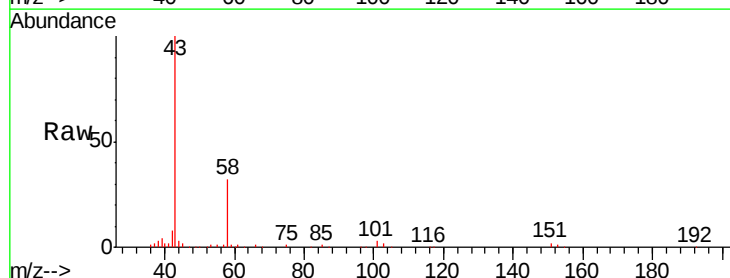
Acq: 31 Oct 2018 11:12

Tgt Ion: 43 Resp: 272557

Ion Ratio Lower Upper

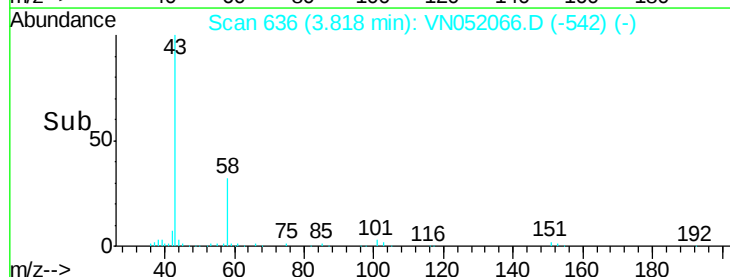
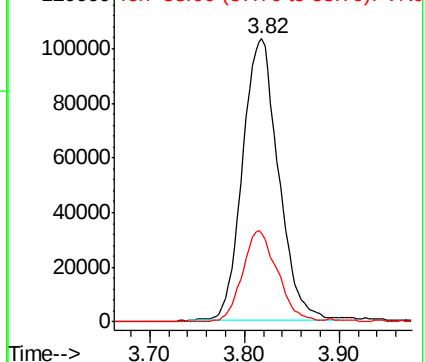
43 100

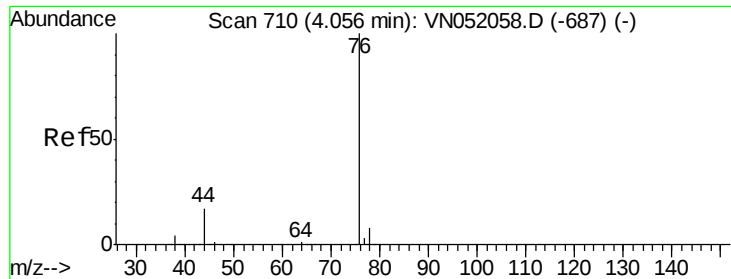
58 31.7 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

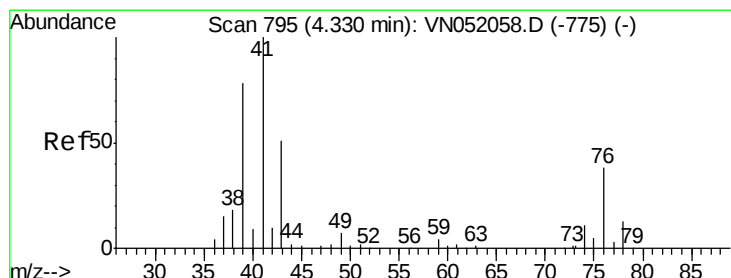
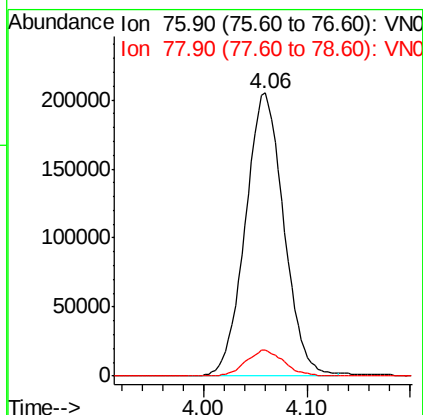
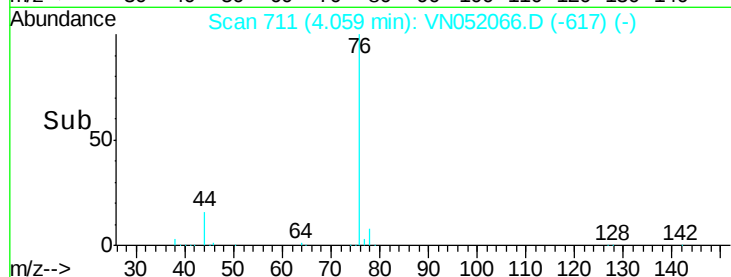
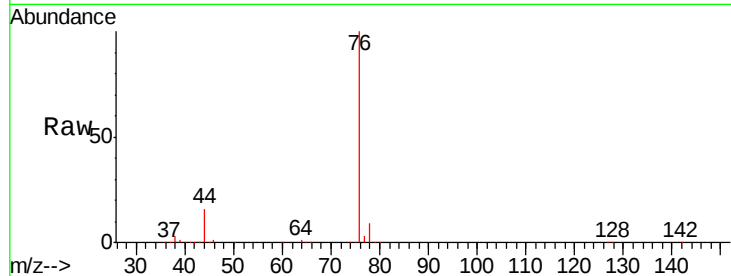




#17
Carbon Disulfide
Concen: 46.64 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

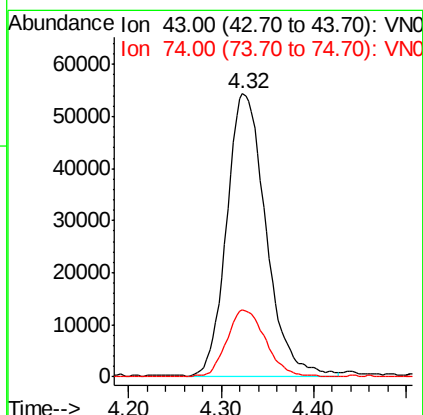
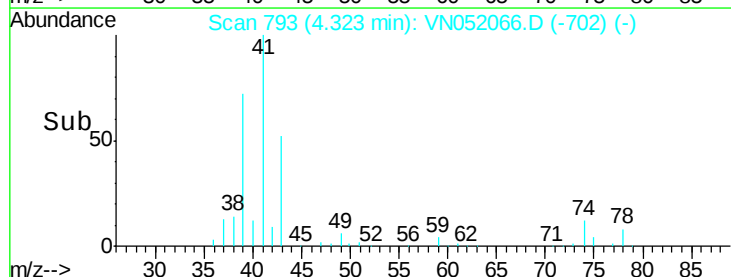
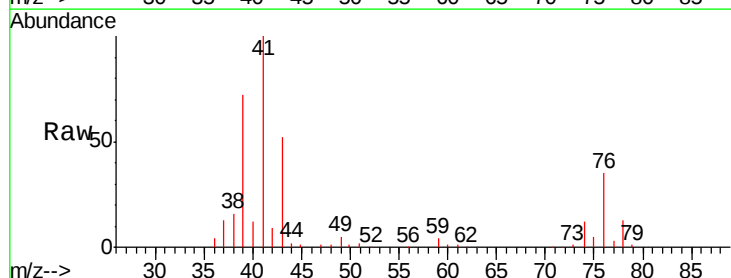
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

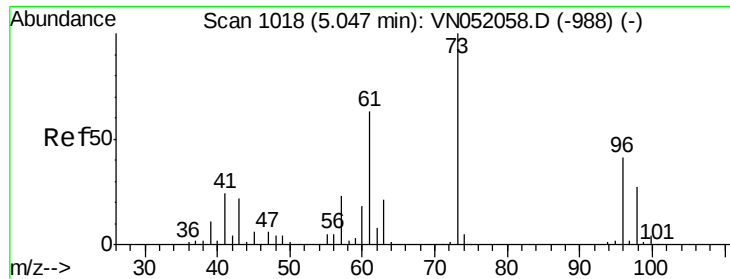
Tgt Ion: 76 Resp: 531375
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 42.18 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 43 Resp: 158527
Ion Ratio Lower Upper
43 100
74 23.6 17.9 26.9

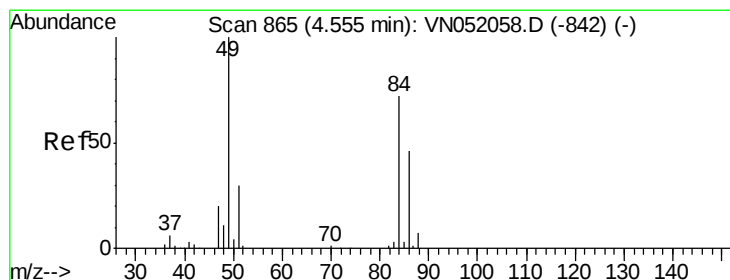
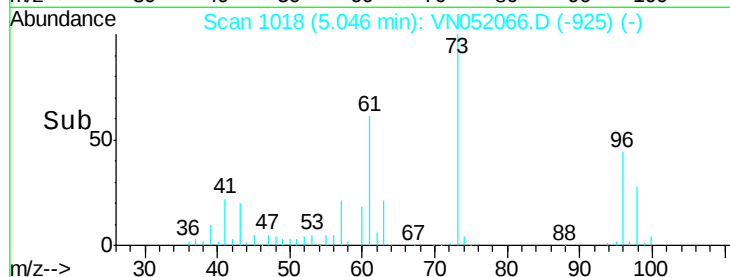
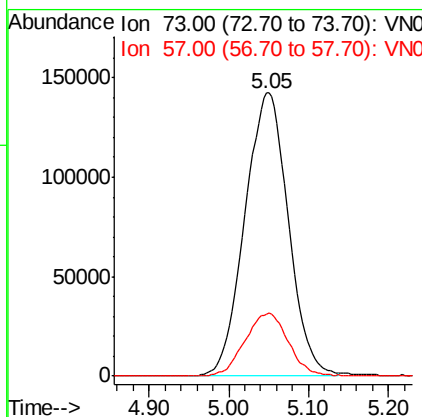
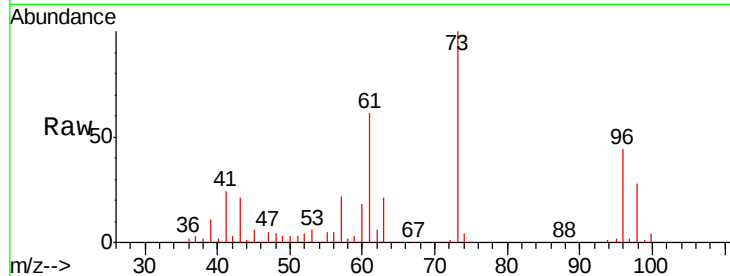




#19
Methyl tert-butyl Ether
Concen: 44.59 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

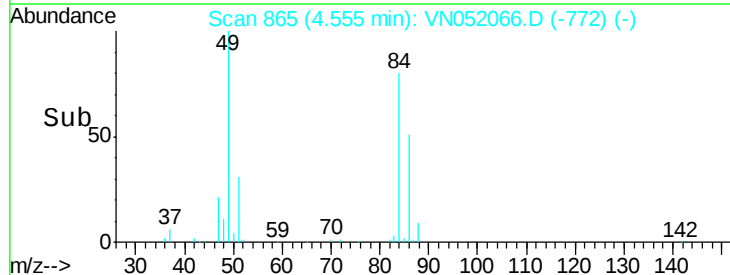
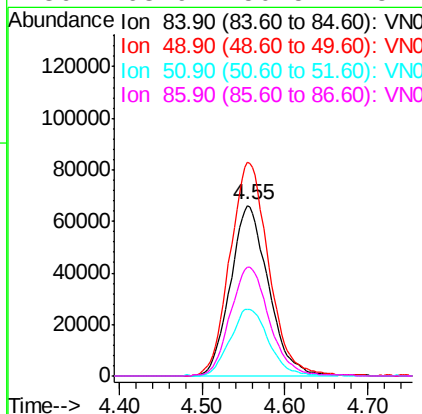
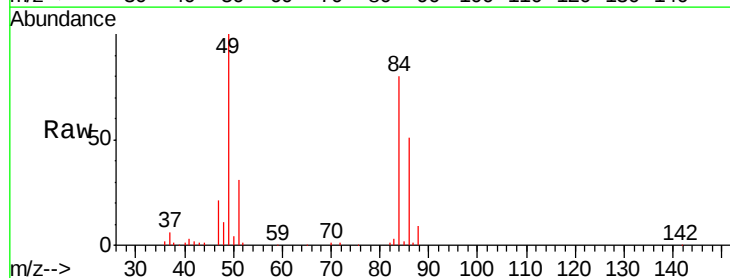
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

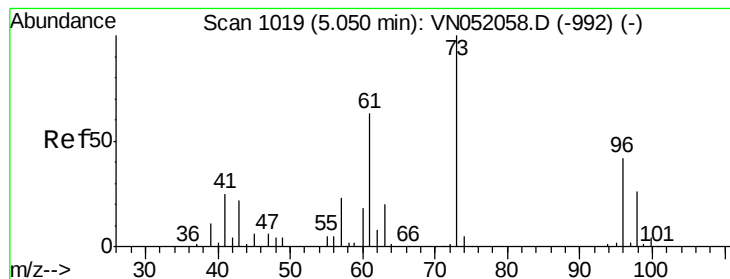
Tgt Ion: 73 Resp: 529579
Ion Ratio Lower Upper
73 100
57 21.9 18.7 28.1



#20
Methylene Chloride
Concen: 46.89 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 84 Resp: 210917
Ion Ratio Lower Upper
84 100
49 125.1 110.6 165.8
51 38.8 33.7 50.5
86 63.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.14 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

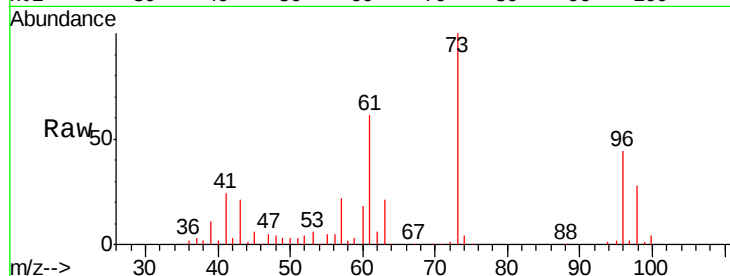
Tgt Ion: 96 Resp: 202594

Ion Ratio Lower Upper

96 100

61 138.3 118.6 178.0

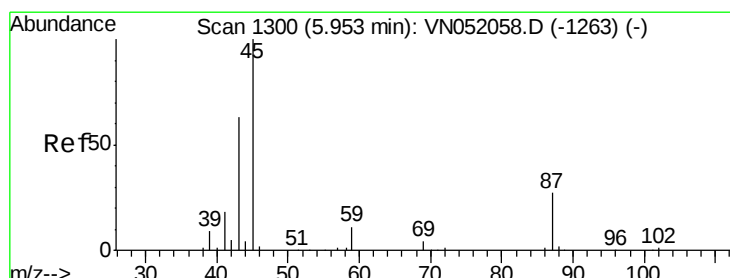
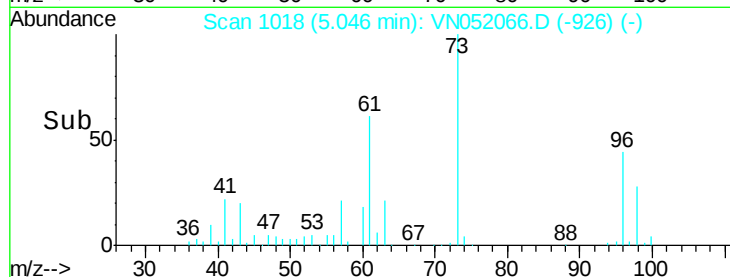
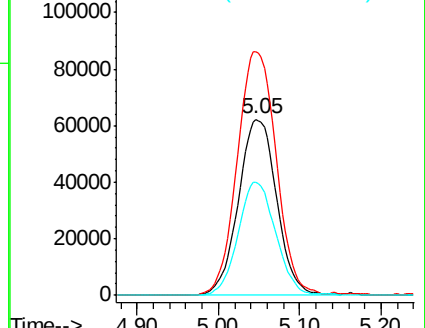
98 64.6 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VN052066.D (-1207) (-)

Ion 60.90 (60.60 to 61.60): VN052066.D (-1207) (-)

Ion 97.90 (97.60 to 98.60): VN052066.D (-1207) (-)



#22

Diisopropyl ether

Concen: 43.09 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Tgt Ion: 45 Resp: 673877

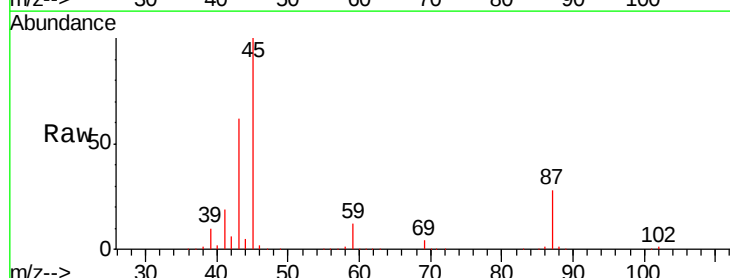
Ion Ratio Lower Upper

45 100

43 61.4 50.5 75.7

87 27.5 21.5 32.3

59 11.6 8.6 13.0

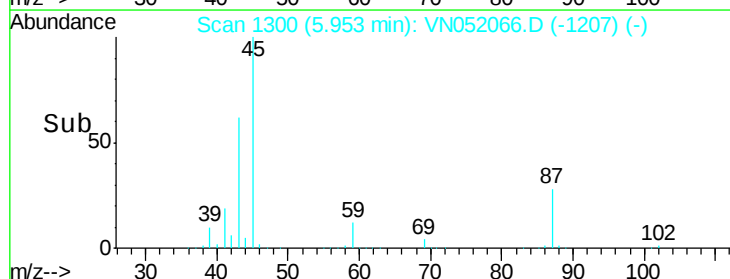
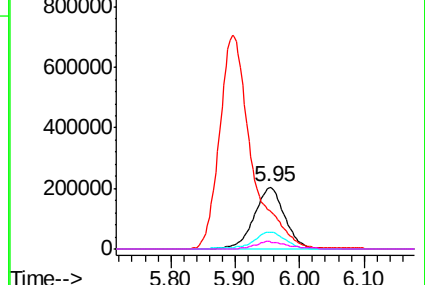


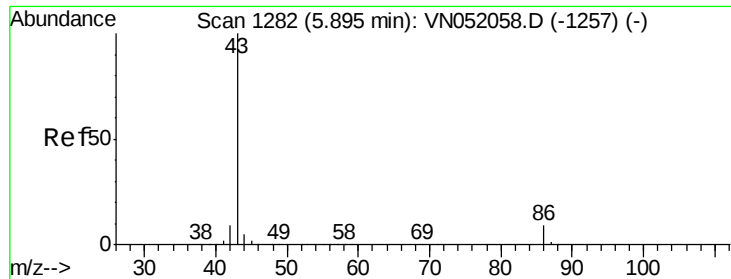
Abundance Ion 45.00 (44.70 to 45.70): VN052066.D (-1207) (-)

Ion 43.00 (42.70 to 43.70): VN052066.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN052066.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN052066.D (-1207) (-)

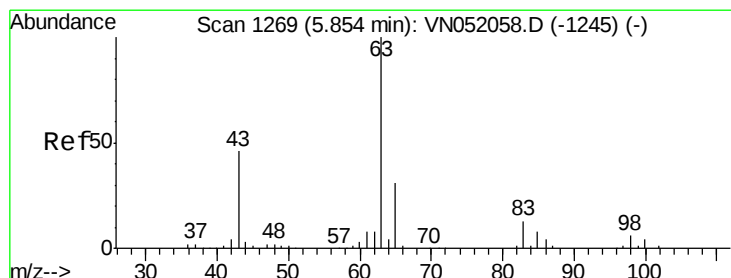
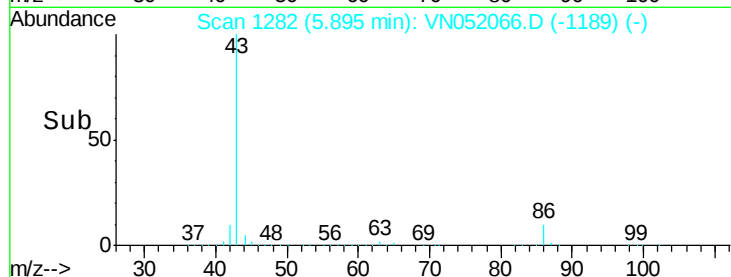
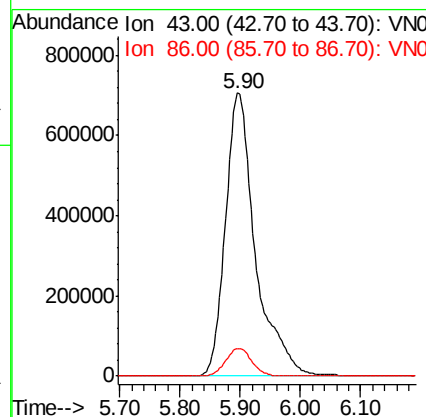
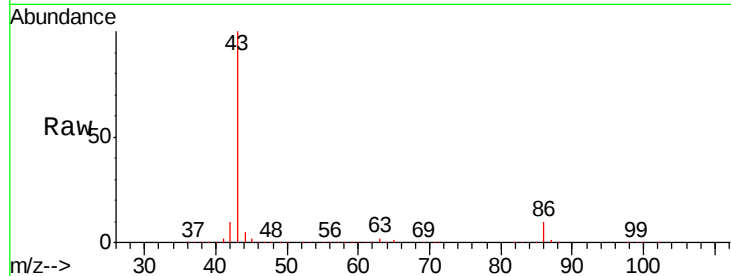




#23
 Vinyl Acetate
 Concen: 225.10 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

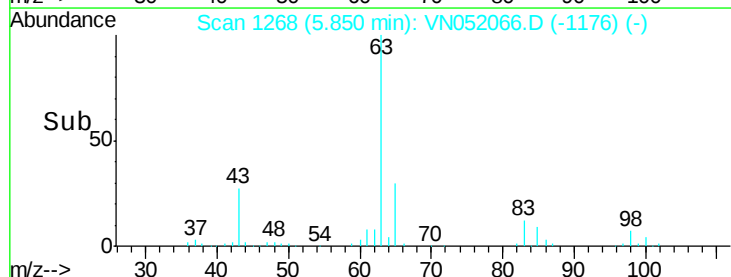
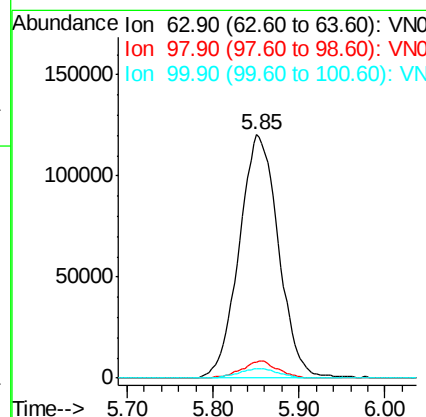
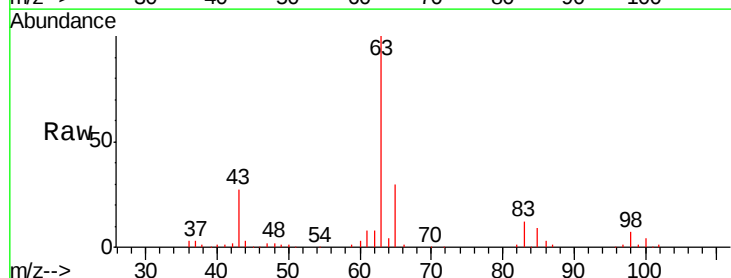
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

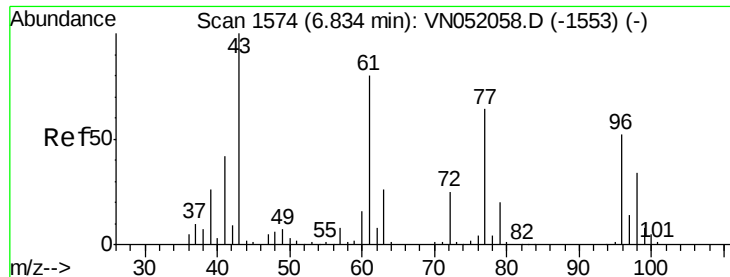
Tgt Ion: 43 Resp: 2439292
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 43.72 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 63 Resp: 382303
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.8 8.4
 100 3.8 2.0 6.0

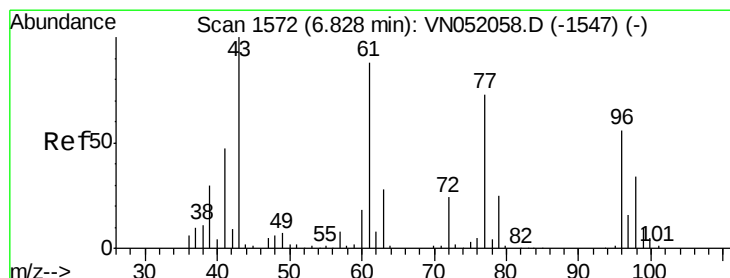
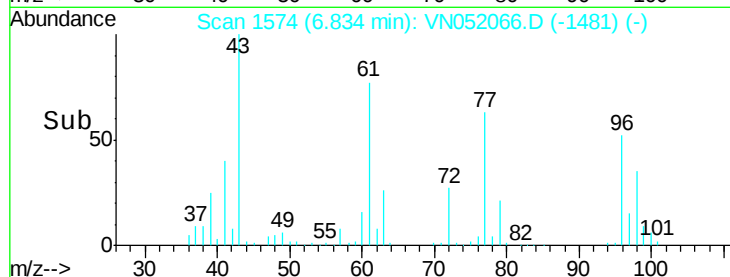
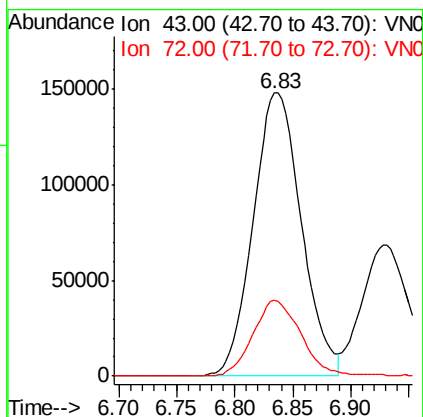
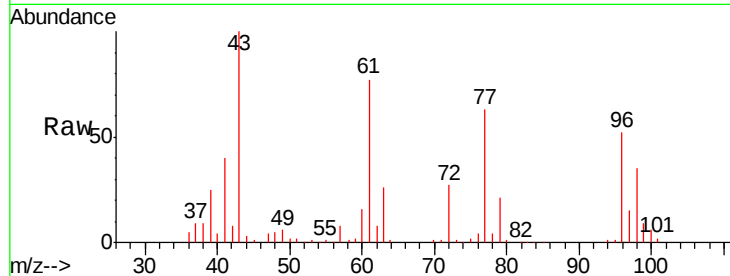




#25
2-Butanone
Concen: 230.95 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

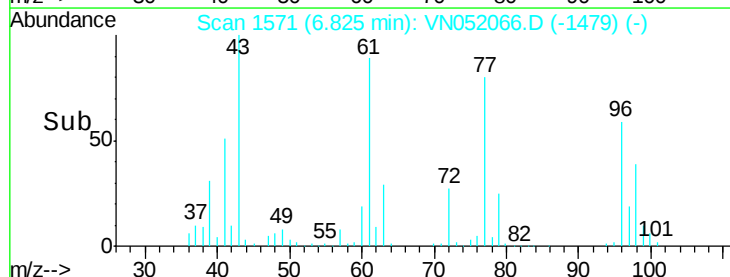
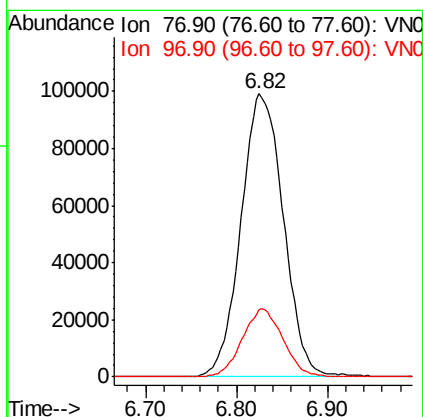
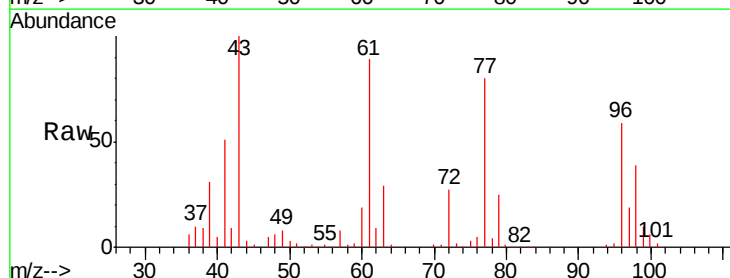
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

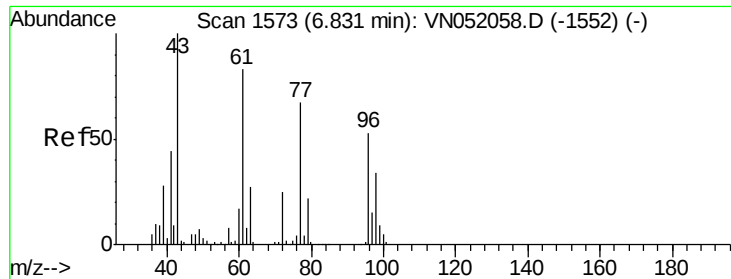
Tgt Ion: 43 Resp: 427628
Ion Ratio Lower Upper
43 100
72 27.1 20.2 30.2



#26
2,2-Dichloropropane
Concen: 46.13 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 77 Resp: 320377
Ion Ratio Lower Upper
77 100
97 23.1 10.5 31.5

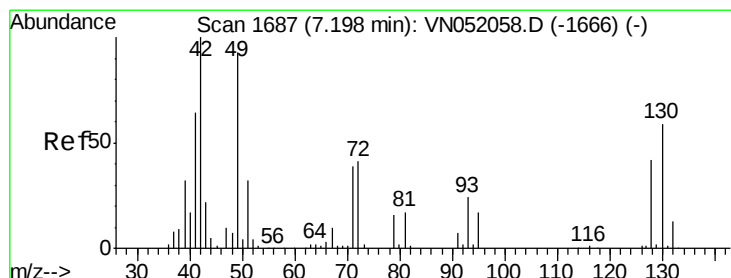
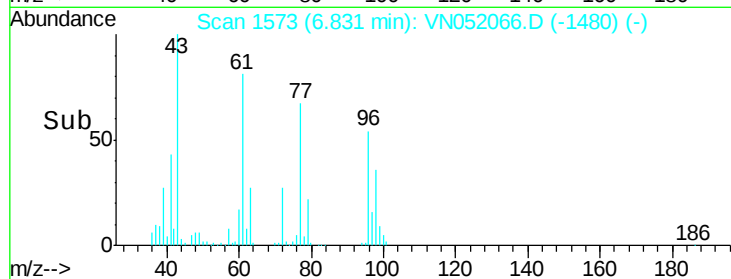
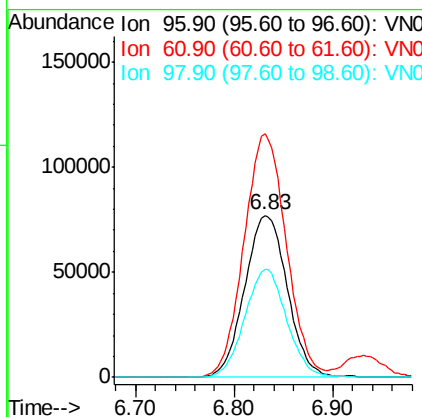
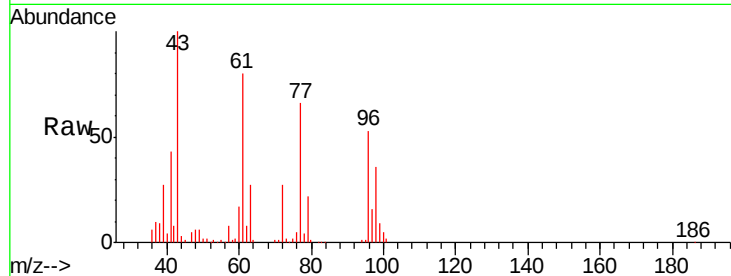




#27
 cis-1,2-Dichloroethene
 Concen: 46.72 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

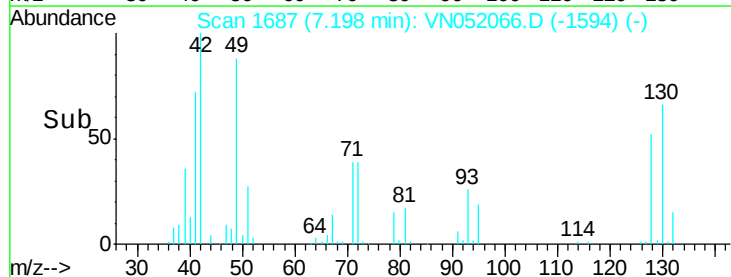
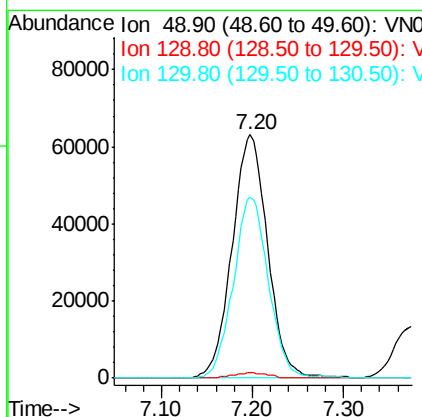
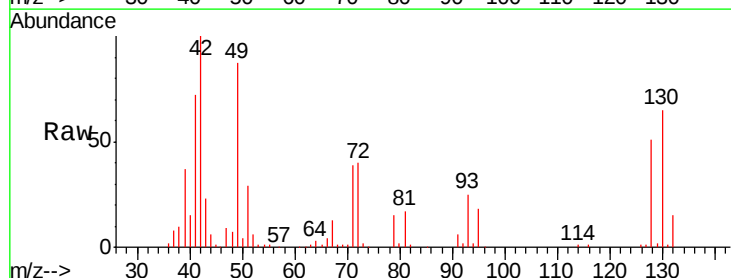
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

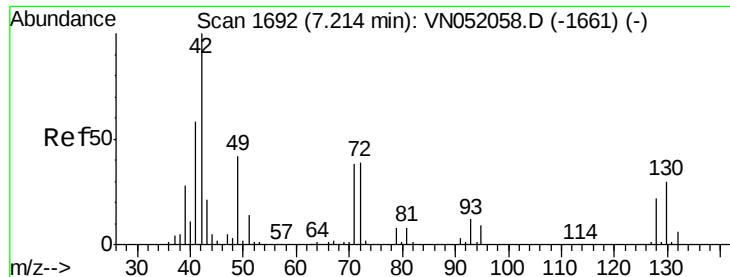
Tgt Ion: 96 Resp: 230023
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 312.8
 98 65.8 0.0 127.0



#28
 Bromochloromethane
 Concen: 39.56 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 49 Resp: 171460
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 2.4
 130 73.0 50.8 76.2

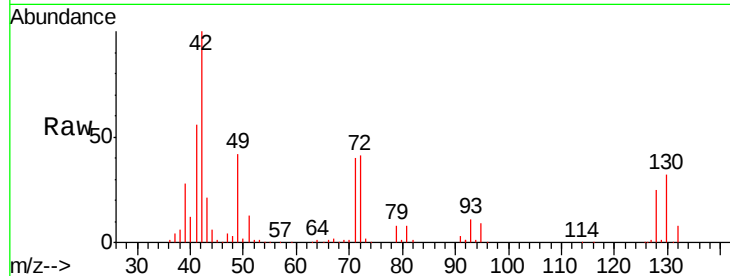




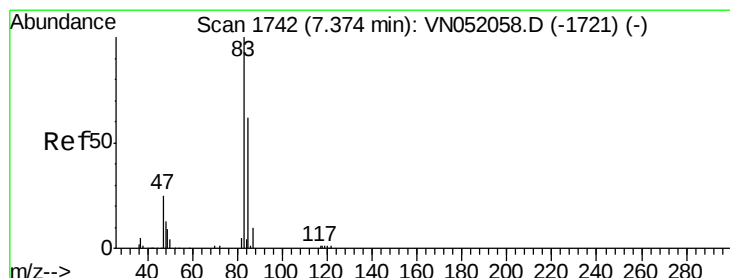
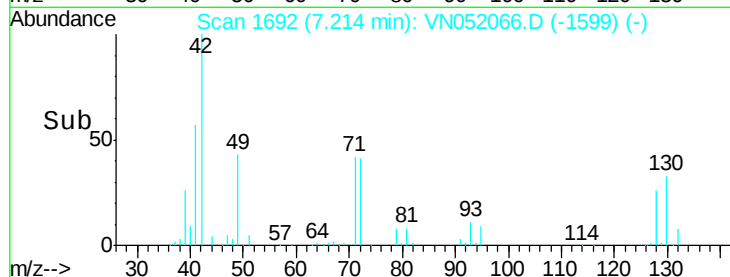
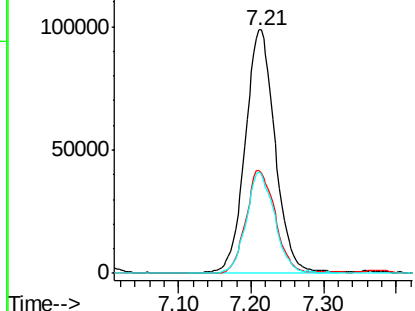
#29
Tetrahydrofuran
Concen: 228.07 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.5	48.7
71	39.5	30.6	46.0

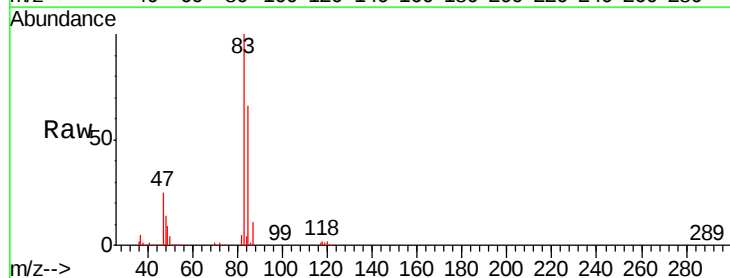


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

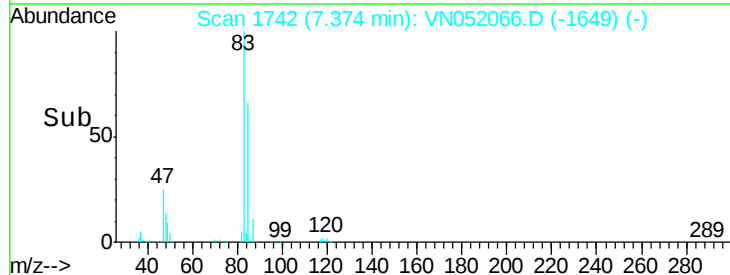
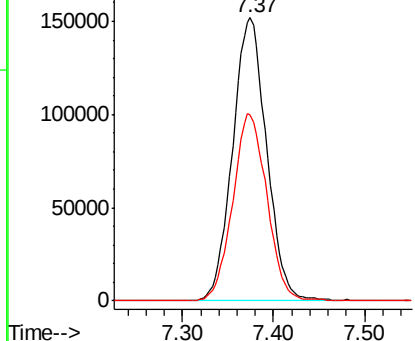


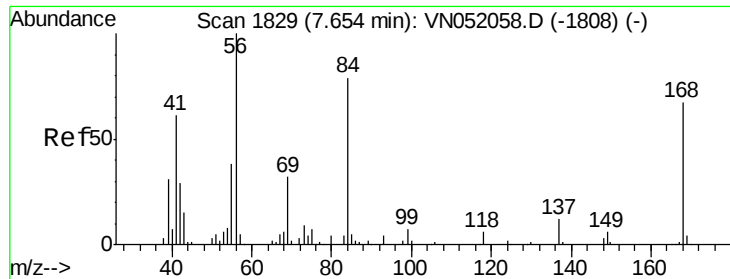
#30
Chloroform
Concen: 45.20 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	49.6	74.4



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

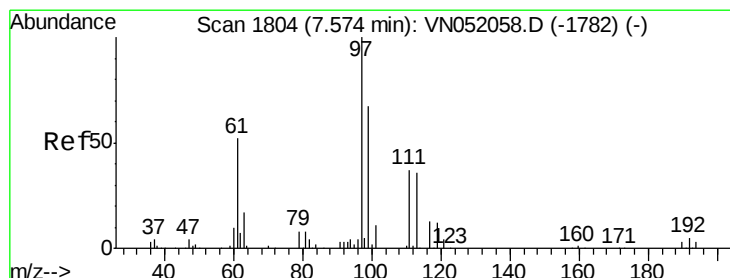
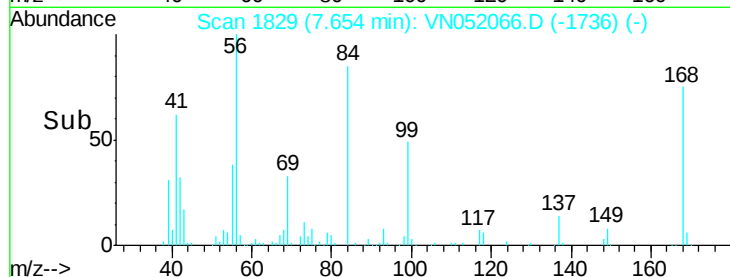
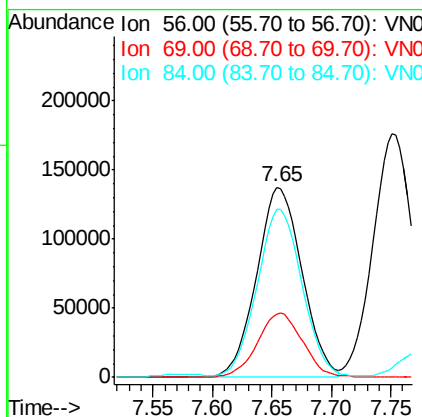
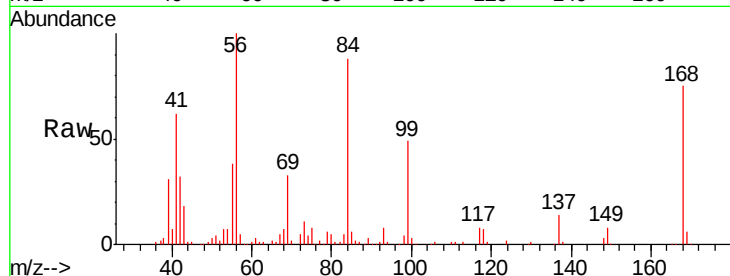




#31
Cyclohexane
Concen: 44.51 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

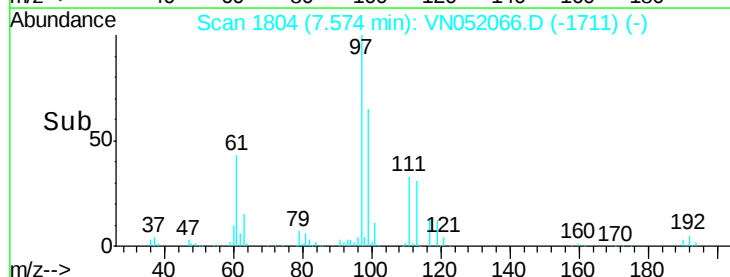
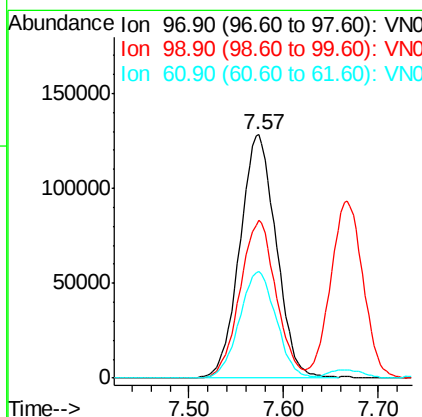
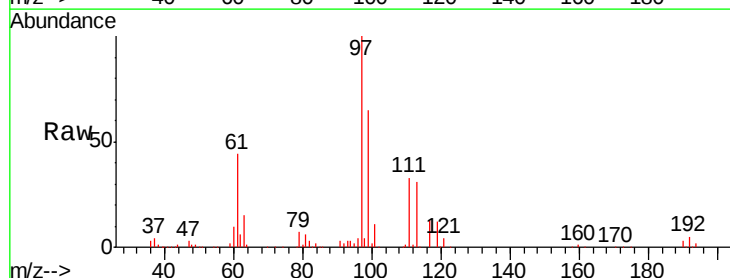
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

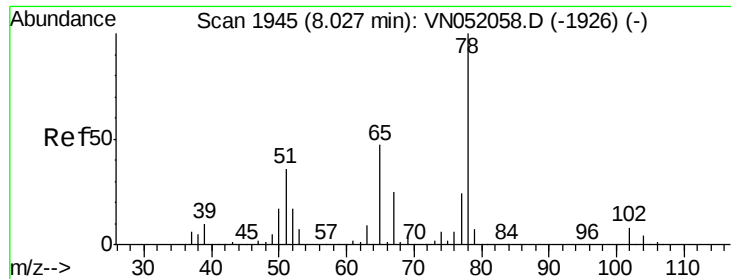
Tgt Ion: 56 Resp: 363343
Ion Ratio Lower Upper
56 100
69 33.1 25.8 38.6
84 86.4 63.5 95.3



#32
1,1,1-Trichloroethane
Concen: 48.90 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 97 Resp: 343280
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 44.0 40.3 60.5

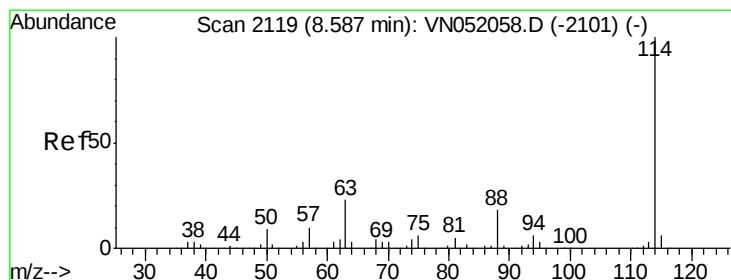
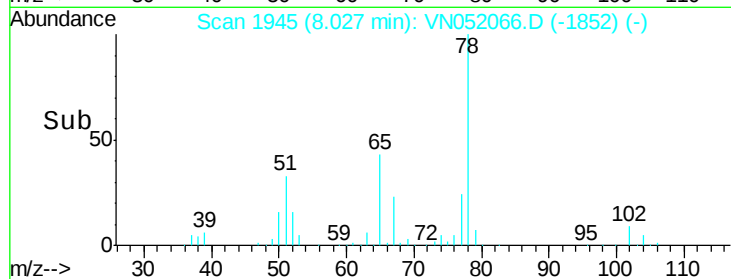
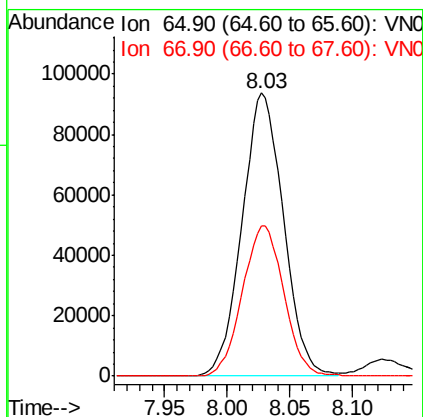
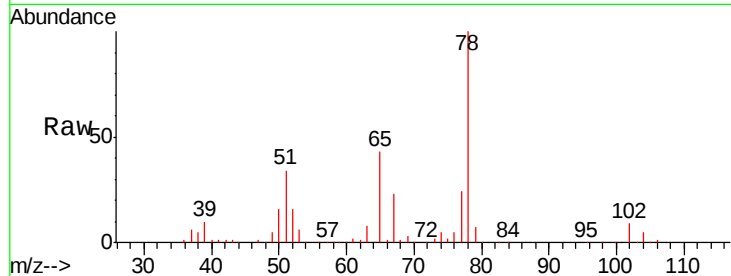




#33
 1,2-Dichloroethane-d4
 Concen: 48.90 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

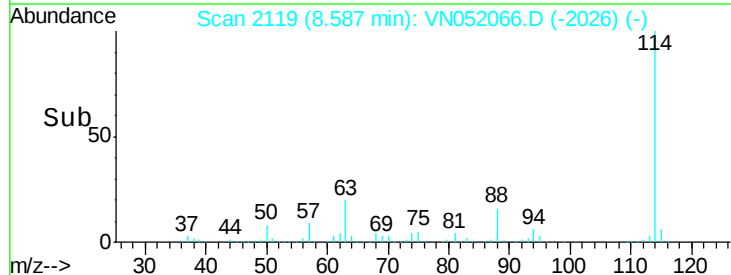
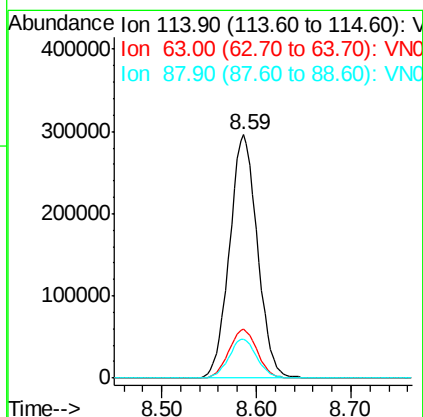
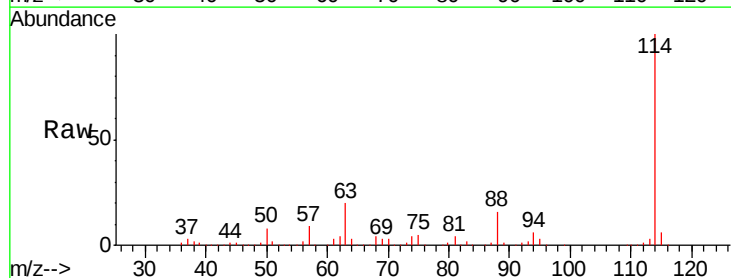
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

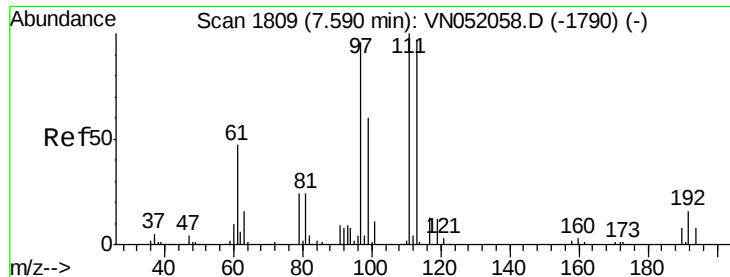
Tgt Ion: 65 Resp: 215919
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 114 Resp: 605344
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 46.0
 88 16.0 0.0 35.4

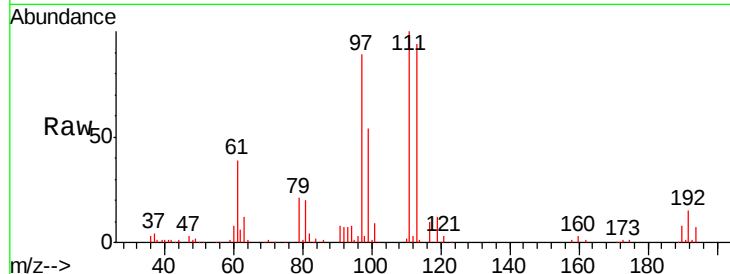




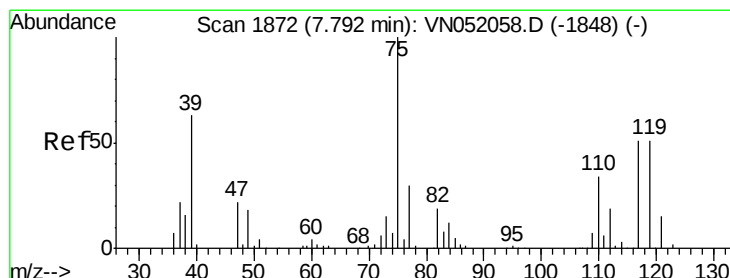
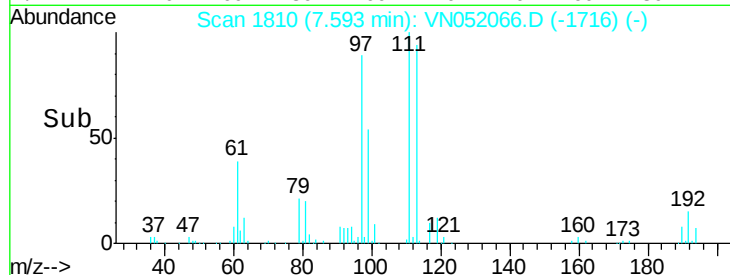
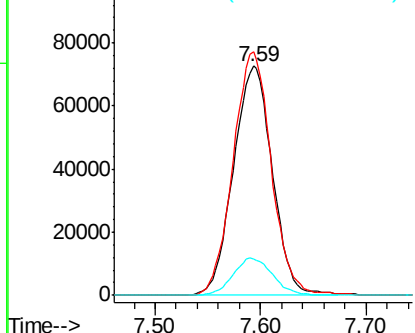
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 186362
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.1 124.7
 192 16.6 12.7 19.1

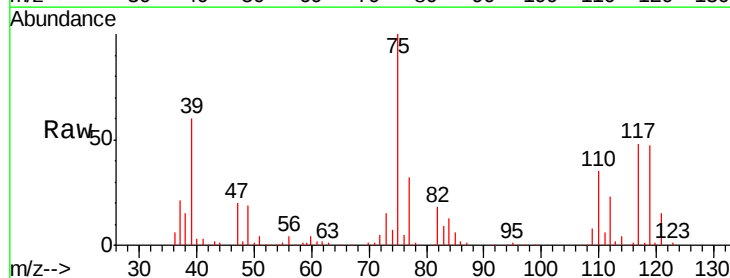


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

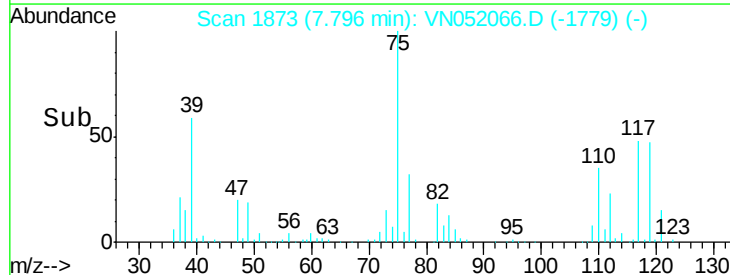
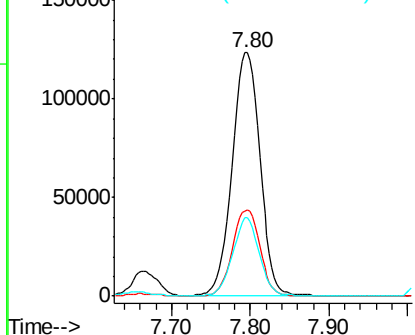


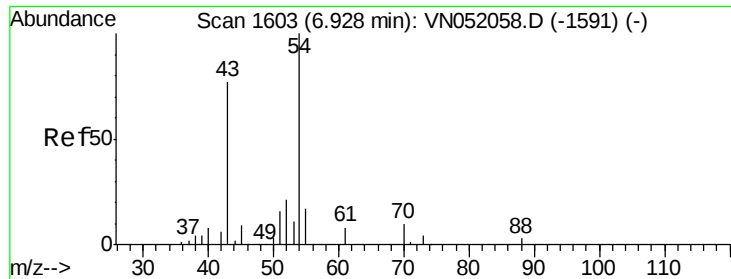
#36
 1,1-Dichloropropene
 Concen: 49.81 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 75 Resp: 306594
 Ion Ratio Lower Upper
 75 100
 110 34.8 16.0 48.0
 77 30.7 24.5 36.7



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

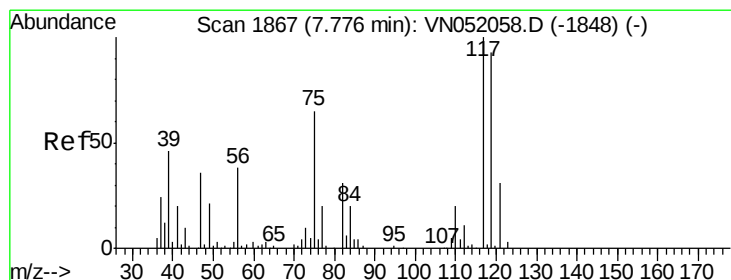
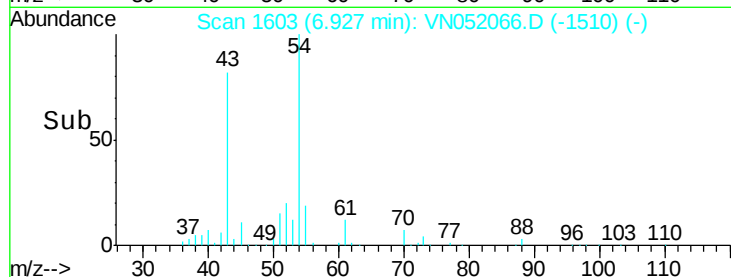
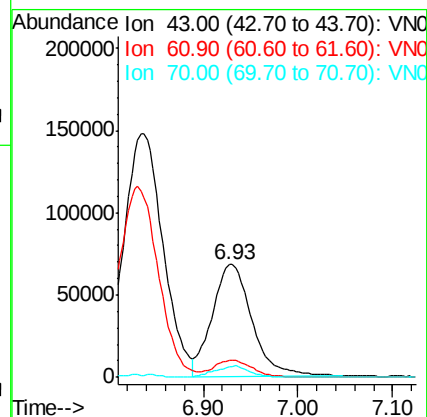
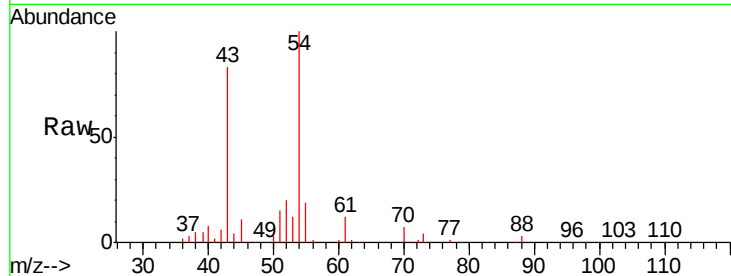




#37
Ethyl Acetate
Concen: 48.28 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

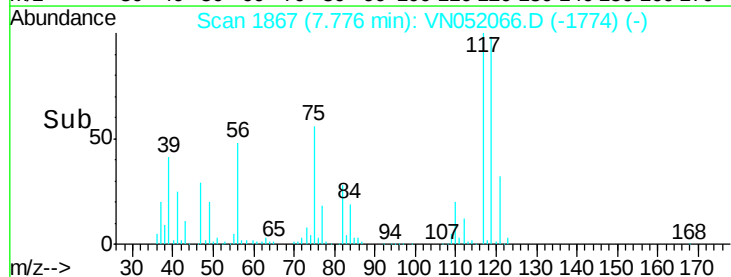
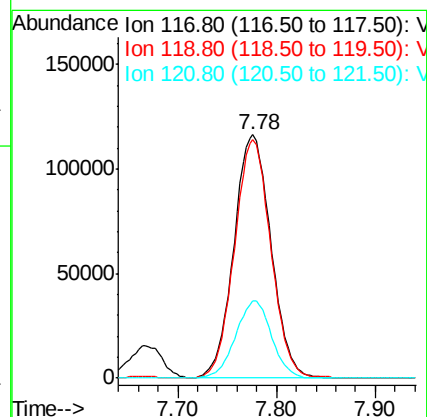
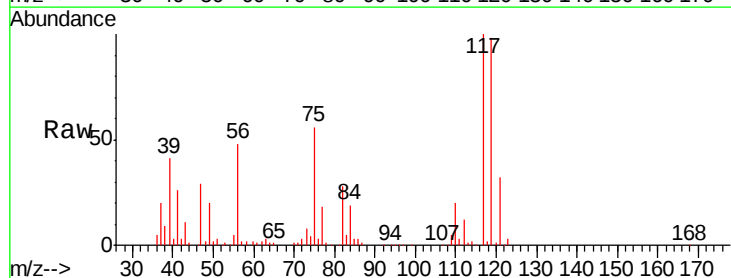
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

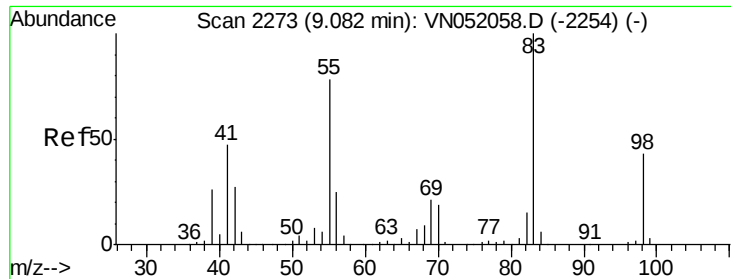
Tgt Ion: 43 Resp: 198903
Ion Ratio Lower Upper
43 100
61 14.1 10.9 16.3
70 9.3 8.6 12.8



#38
Carbon Tetrachloride
Concen: 57.24 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 117 Resp: 303802
Ion Ratio Lower Upper
117 100
119 97.7 74.8 112.2
121 31.6 25.1 37.7

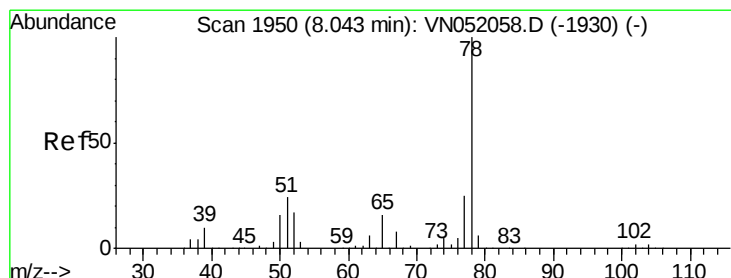
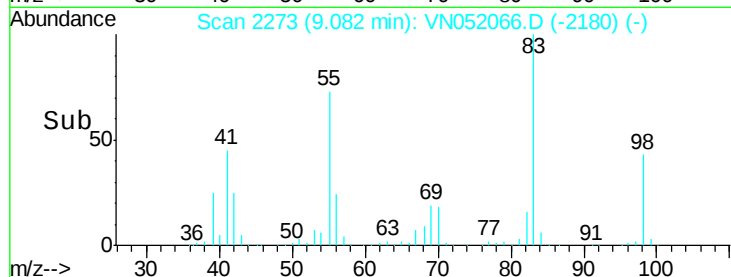
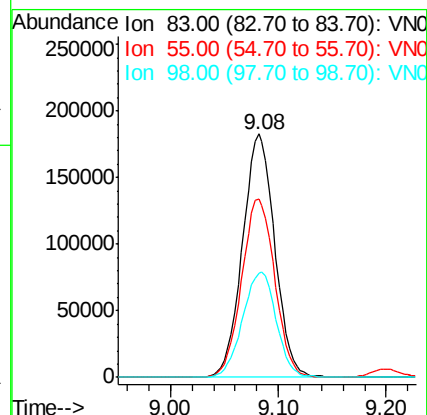
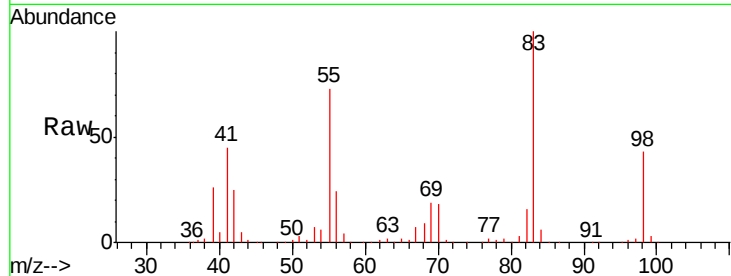




#39
Methylcyclohexane
Concen: 52.03 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

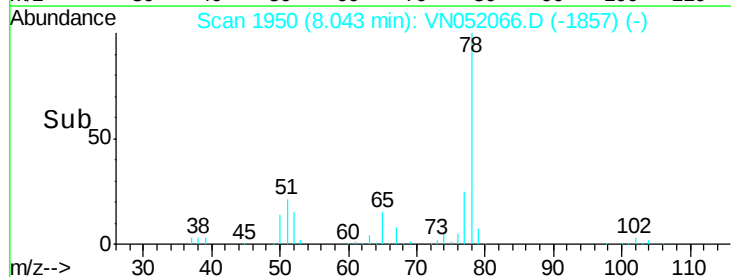
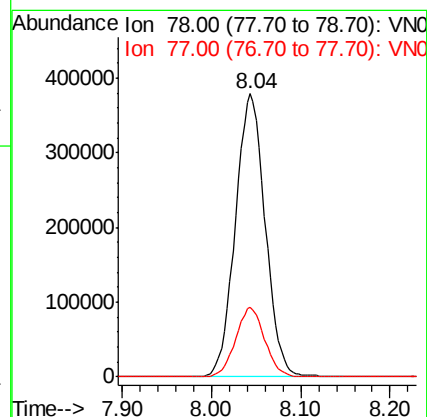
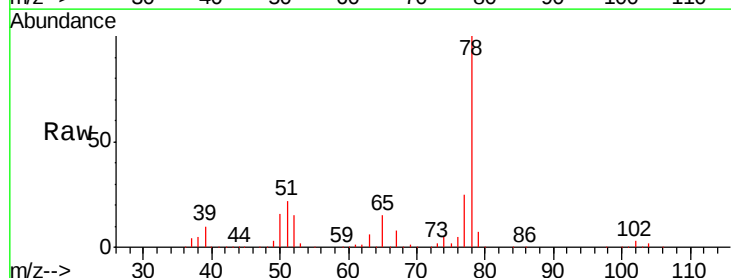
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

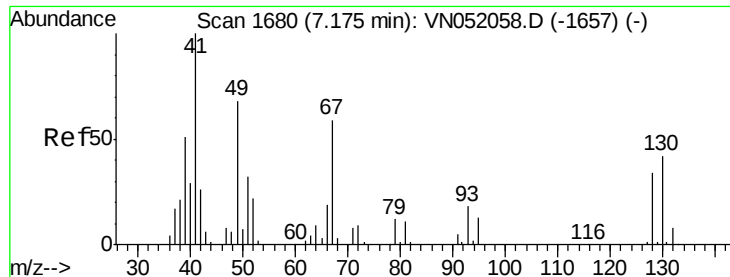
Tgt Ion: 83 Resp: 380027
Ion Ratio Lower Upper
83 100
55 73.2 62.0 93.0
98 42.7 34.7 52.1



#40
Benzene
Concen: 49.36 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 78 Resp: 878759
Ion Ratio Lower Upper
78 100
77 24.8 19.8 29.6





#41

Methacrylonitrile

Concen: 41.64 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.01 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 88485

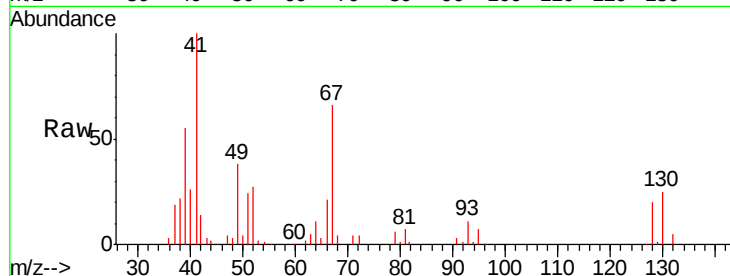
Ion Ratio Lower Upper

41 100

39 71.1 33.2 49.8#

67 96.8 63.5 95.3#

52 42.1 25.6 38.4#

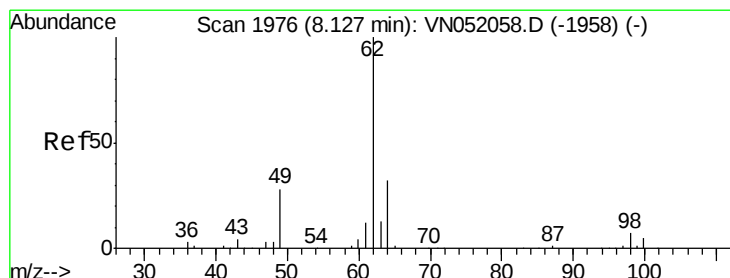
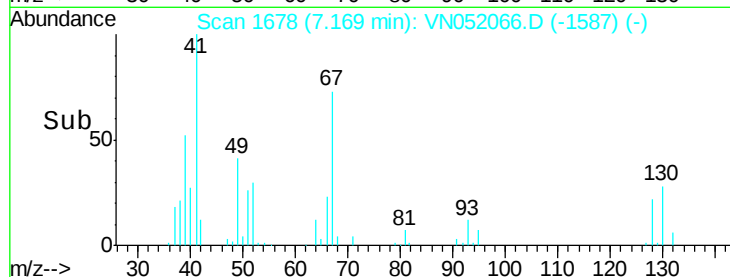
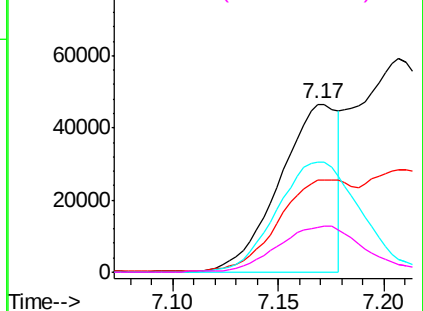


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 43.93 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN052066.D

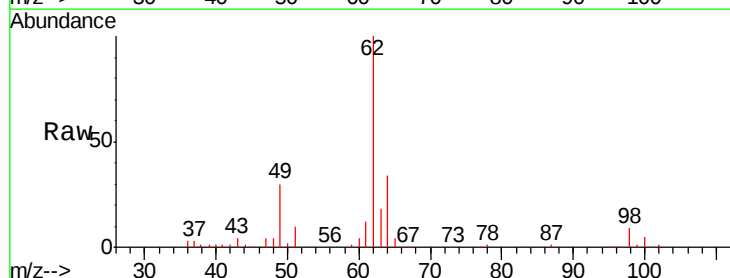
Acq: 31 Oct 2018 11:12

Tgt Ion: 62 Resp: 288627

Ion Ratio Lower Upper

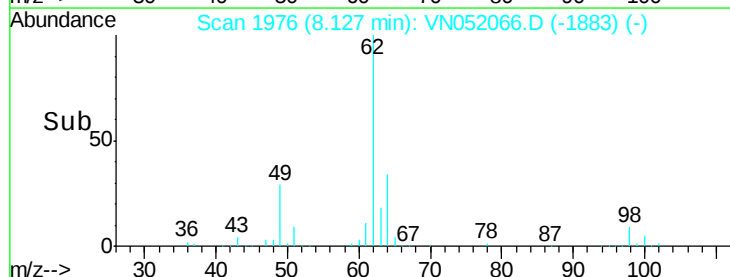
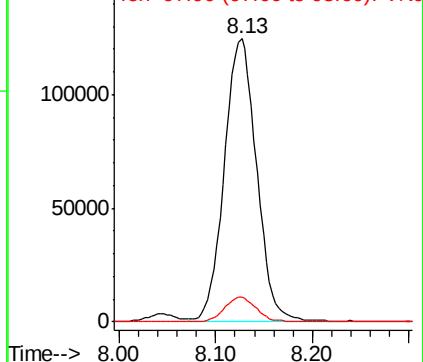
62 100

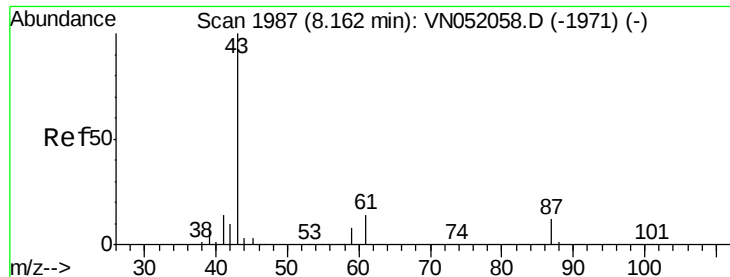
98 8.5 0.0 15.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 48.17 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

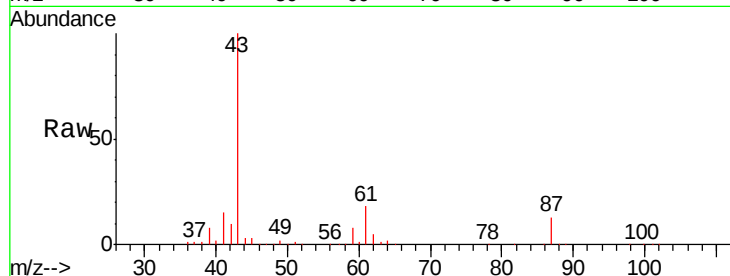
Tgt Ion: 43 Resp: 352988

Ion Ratio Lower Upper

43 100

61 27.2 15.4 23.0#

87 13.0 9.8 14.8

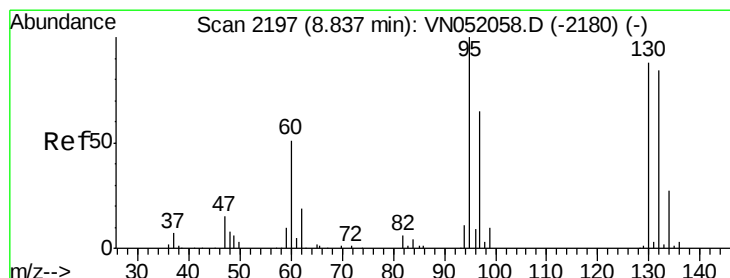
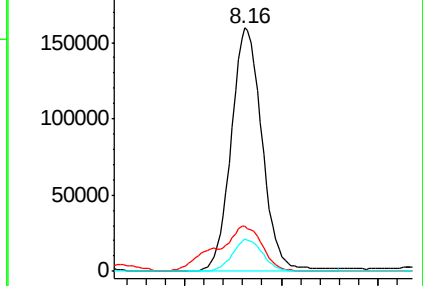
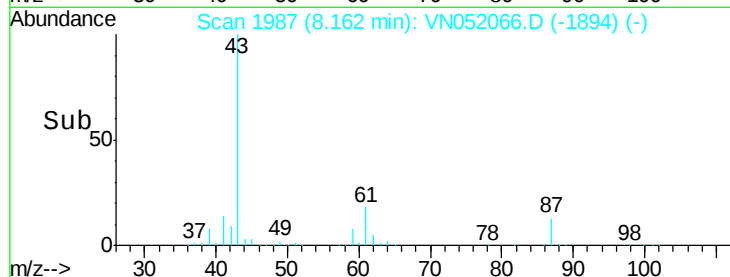


Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052058.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052058.D (-1971) (-)

Time-->



#44

Trichloroethene

Concen: 57.31 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN052066.D

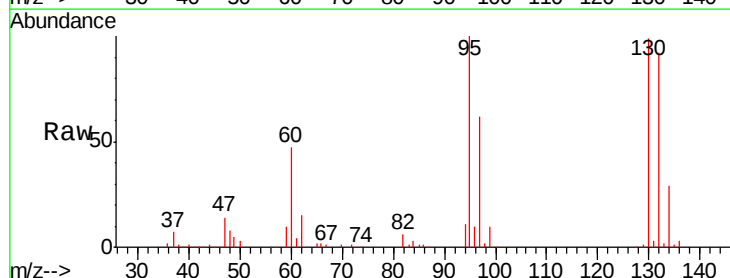
Acq: 31 Oct 2018 11:12

Tgt Ion: 130 Resp: 228190

Ion Ratio Lower Upper

130 100

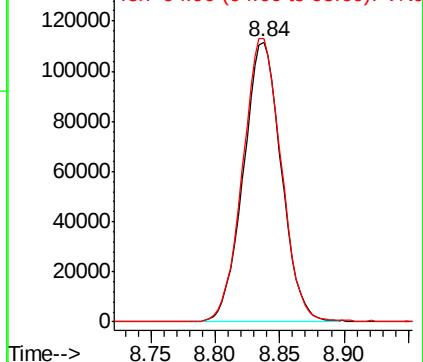
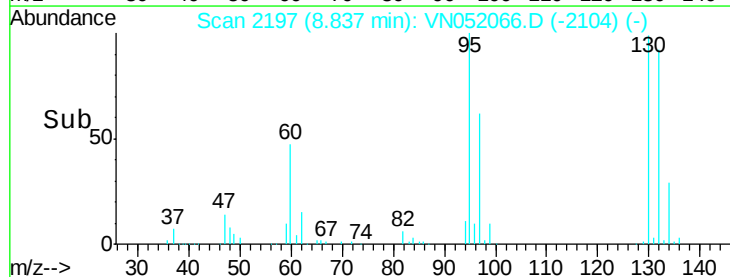
95 101.1 0.0 228.4

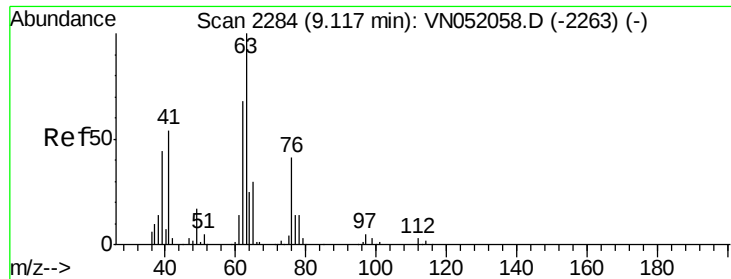


Abundance Ion 129.80 (129.50 to 130.50): VN052058.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN052058.D (-2180) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 45.66 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

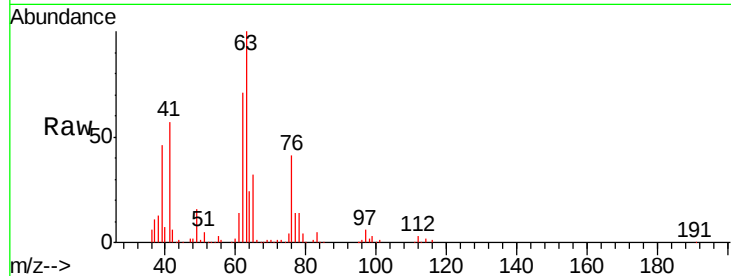
VSTDCCC050

Tgt Ion: 63 Resp: 231580

Ion Ratio Lower Upper

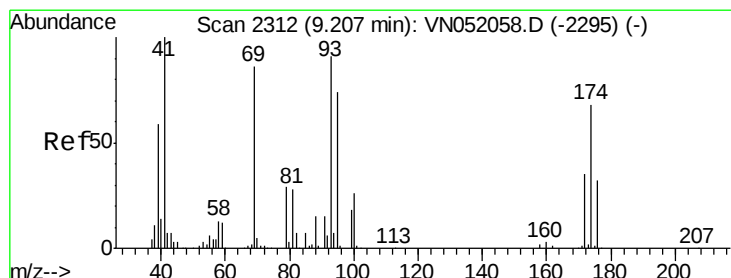
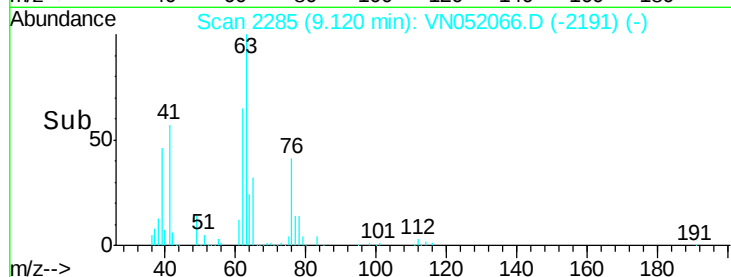
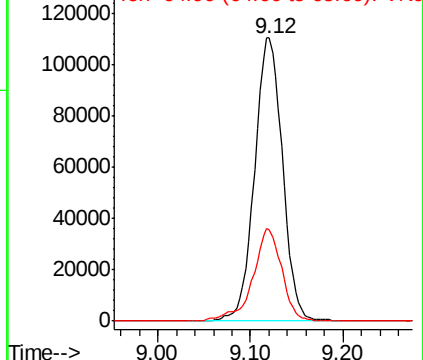
63 100

65 32.3 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.85 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

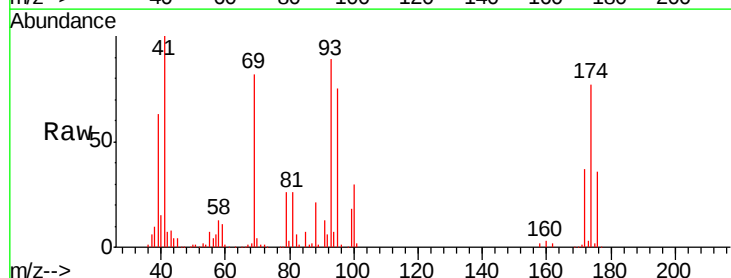
Tgt Ion: 93 Resp: 146968

Ion Ratio Lower Upper

93 100

95 82.3 67.2 100.8

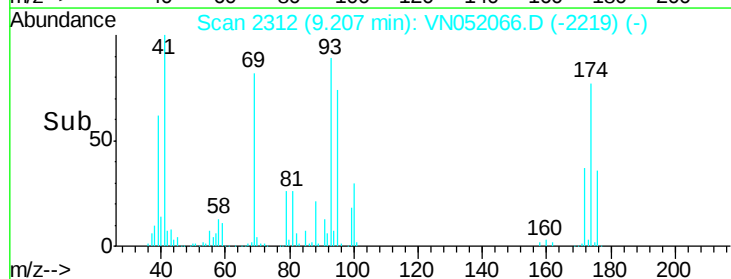
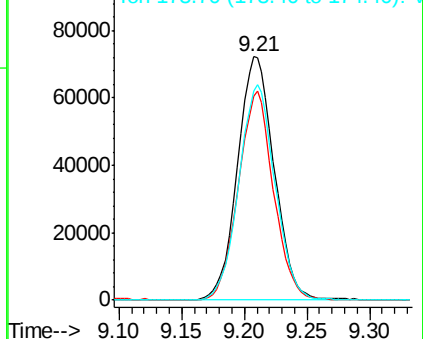
174 87.4 59.7 89.5

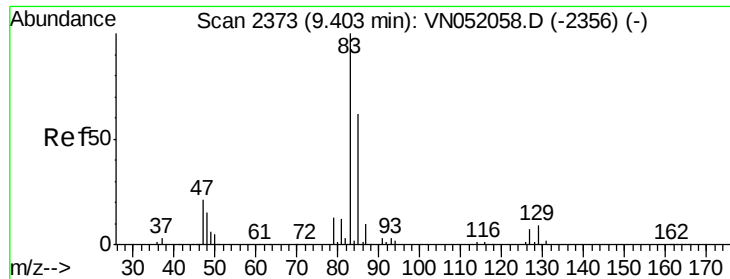


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.04 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

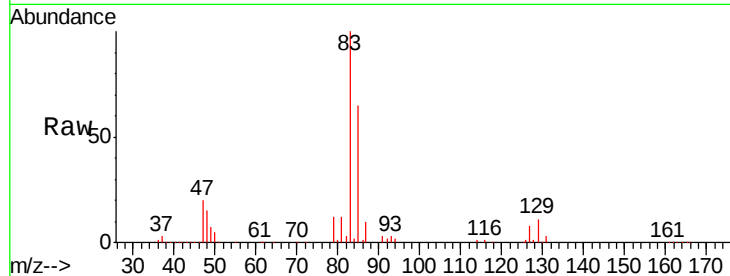
Tgt Ion: 83 Resp: 295810

Ion Ratio Lower Upper

83 100

85 65.5 49.4 74.2

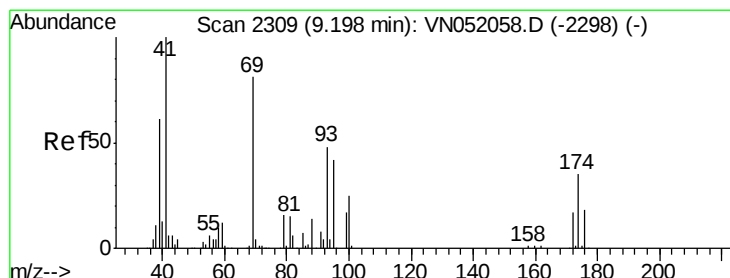
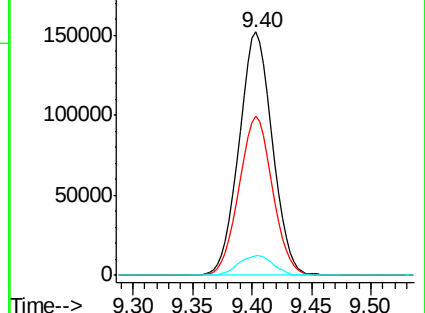
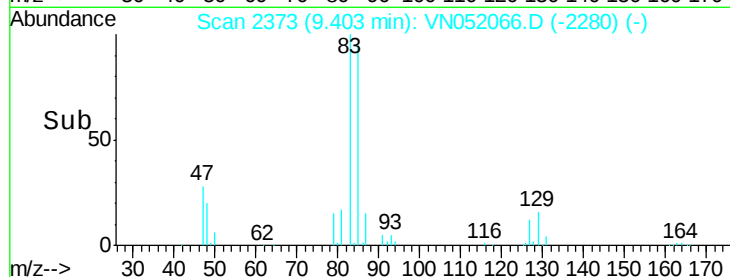
127 8.2 5.8 8.8



Abundance Ion 82.90 (82.60 to 83.60): VN052066.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052066.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052066.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.12 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

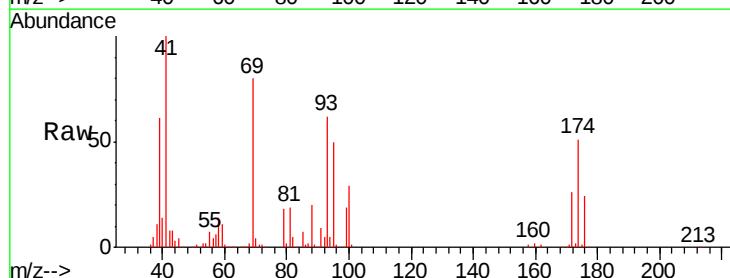
Tgt Ion: 41 Resp: 175053

Ion Ratio Lower Upper

41 100

69 84.7 67.1 100.7

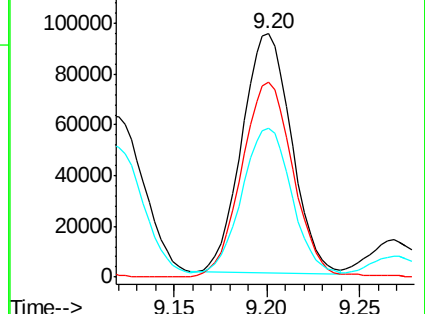
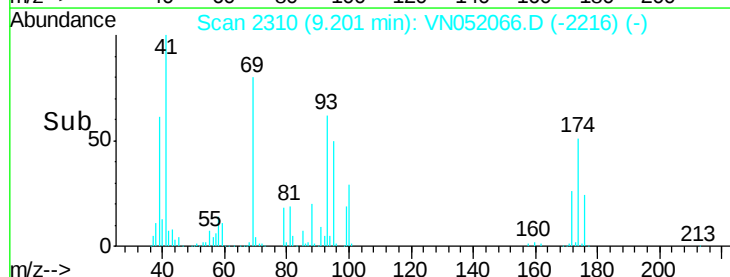
39 63.5 50.5 75.7

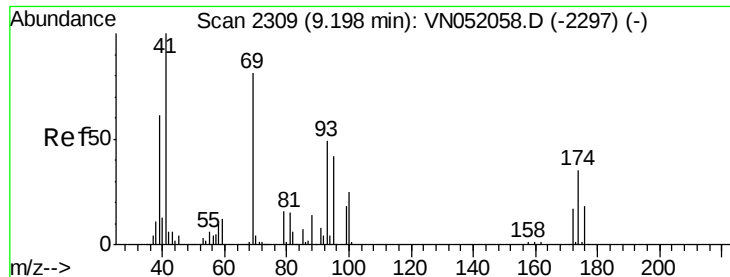


Abundance Ion 41.00 (40.70 to 41.70): VN052066.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052066.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052066.D (-2216) (-)

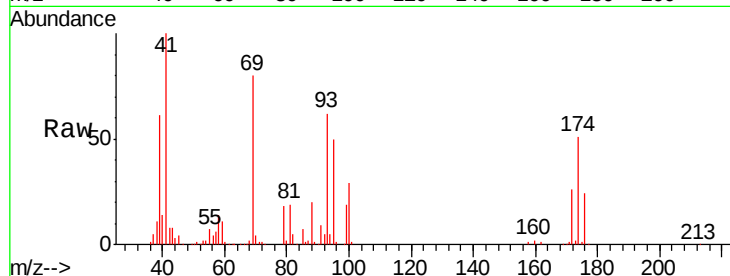




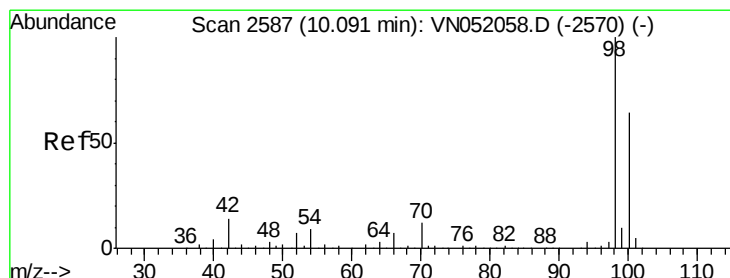
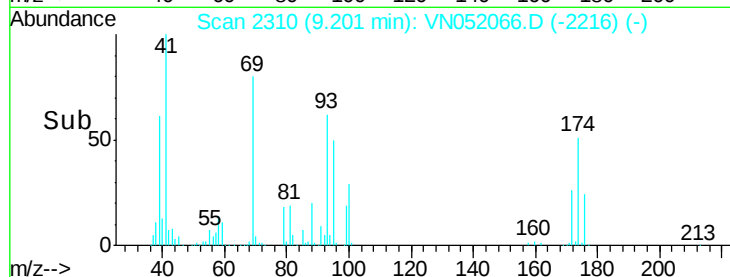
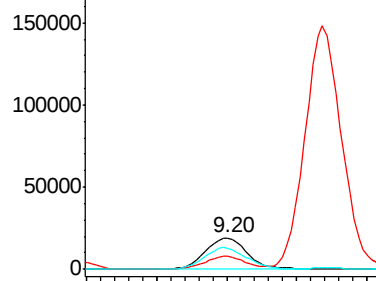
#49
1,4-Dioxane
Concen: 1280.32 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 40108
Ion Ratio Lower Upper
88 100
43 38.2 34.1 51.1
58 70.1 62.8 94.2

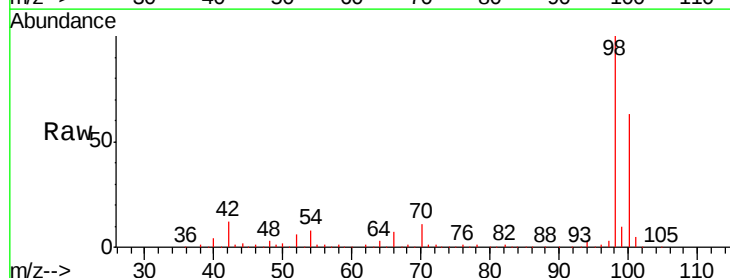


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

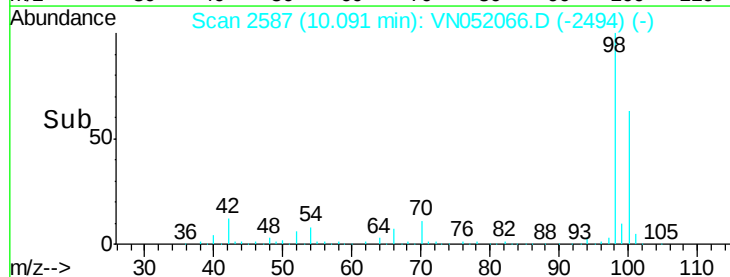
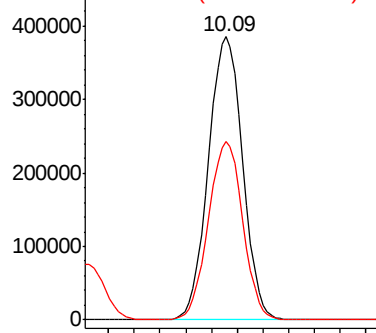


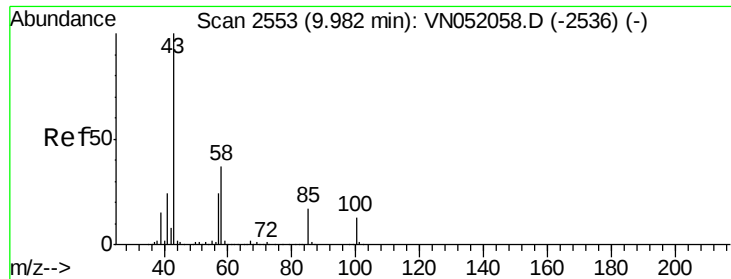
#50
Toluene-d8
Concen: 1280.32 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 98 Resp: 711793
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.2



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

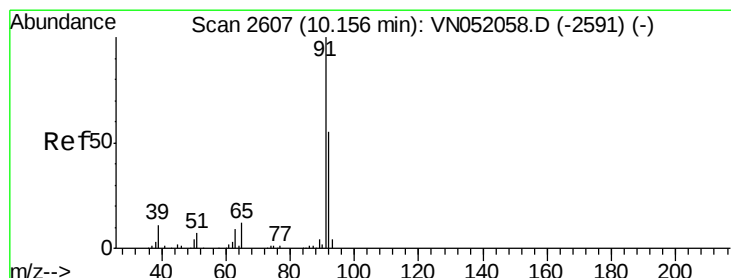
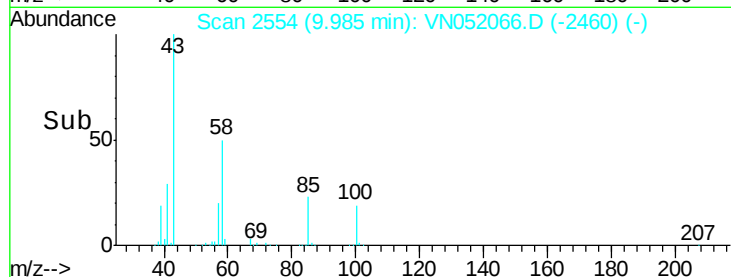
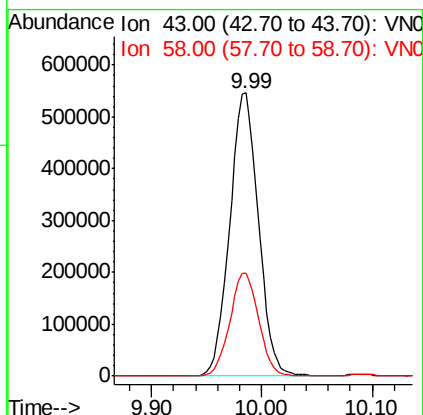
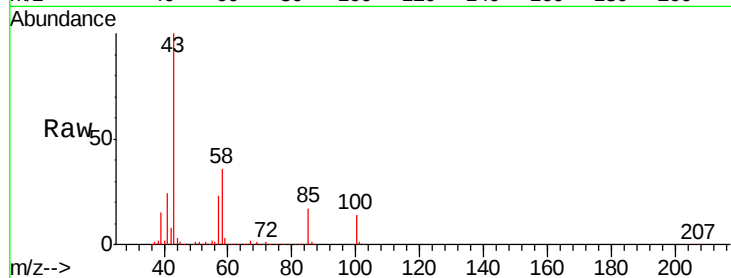




#51
 4-Methyl-2-Pentanone
 Concen: 247.59 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

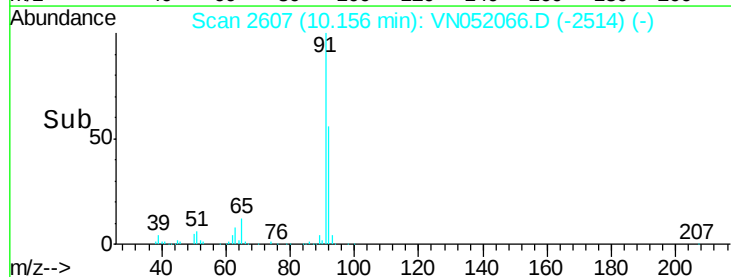
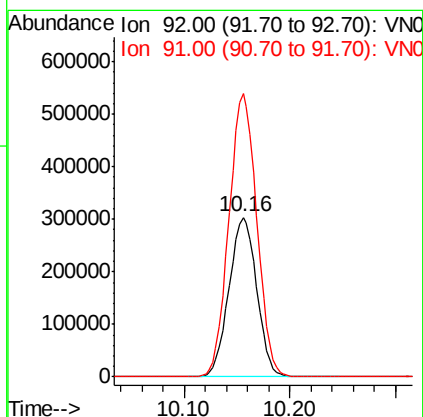
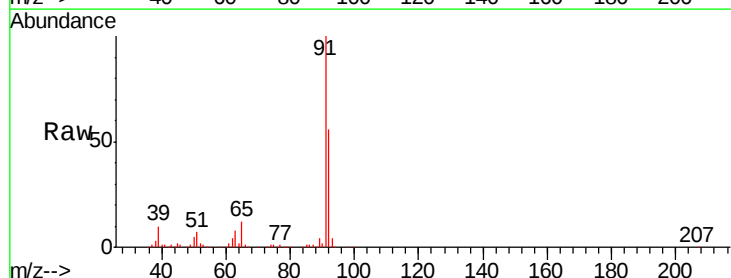
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

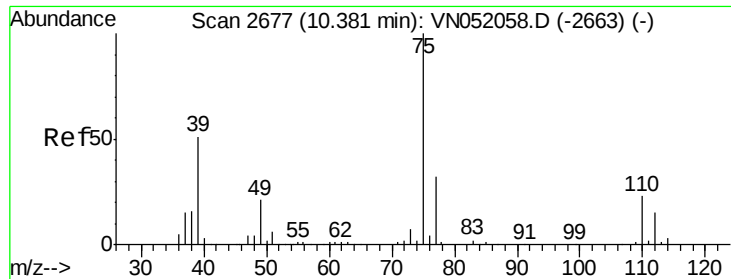
Tgt Ion: 43 Resp: 986104
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.7 44.5



#52
 Toluene
 Concen: 51.35 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 92 Resp: 551833
 Ion Ratio Lower Upper
 92 100
 91 178.2 143.9 215.9





#53

t-1,3-Dichloropropene

Concen: 49.48 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

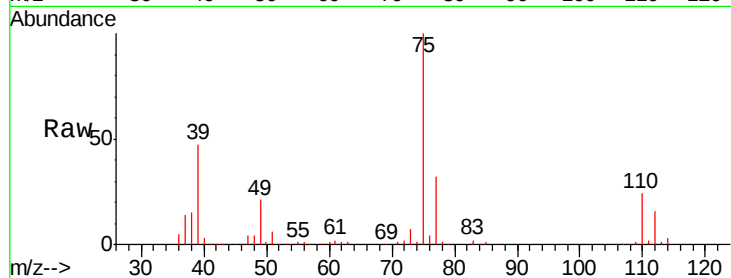
VSTDCCC050

Tgt Ion: 75 Resp: 309278

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

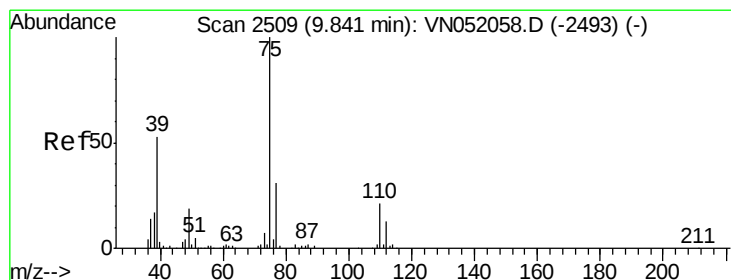
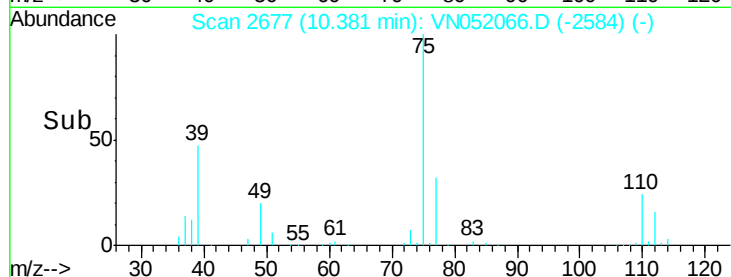
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.46 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

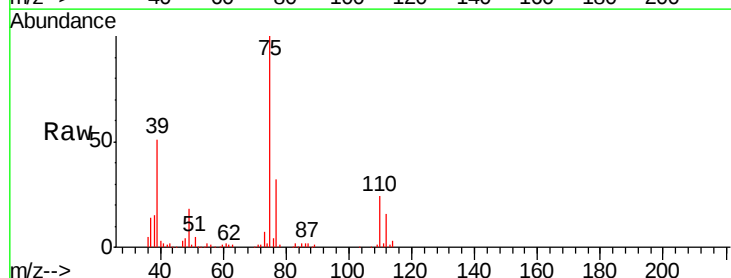
Tgt Ion: 75 Resp: 350265

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 50.4 42.3 63.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

250000

200000

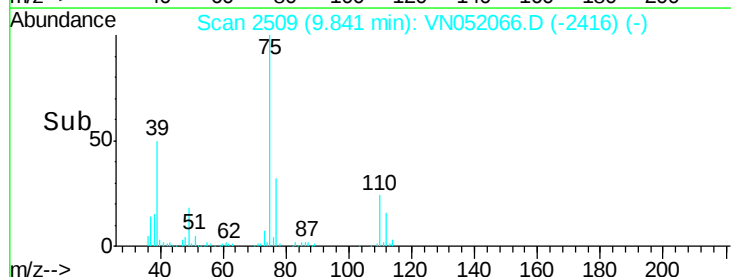
150000

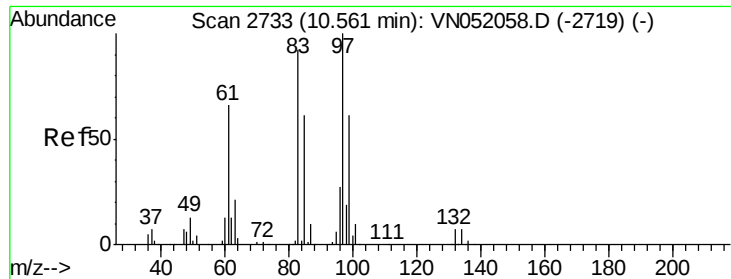
100000

50000

0

Time-->

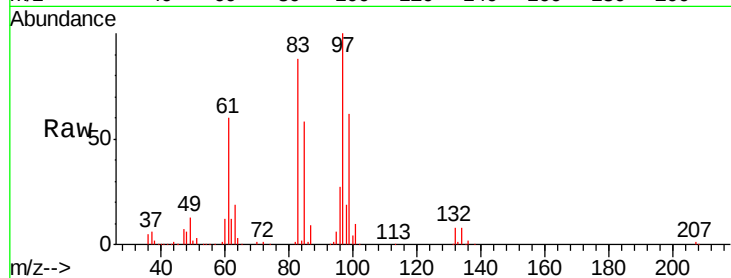




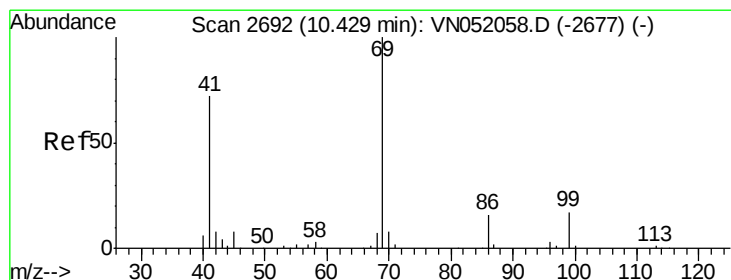
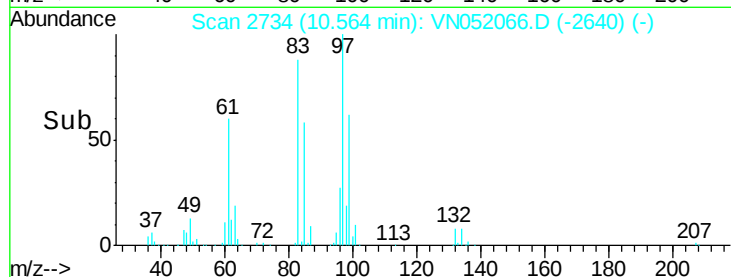
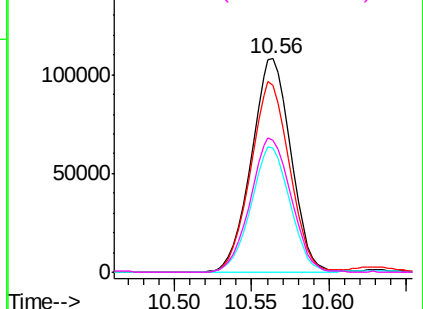
#55
 1,1,2-Trichloroethane
 Concen: 50.30 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 192535
 Ion Ratio Lower Upper
 97 100
 83 87.7 73.8 110.8
 85 58.1 48.4 72.6
 99 61.7 48.6 72.8

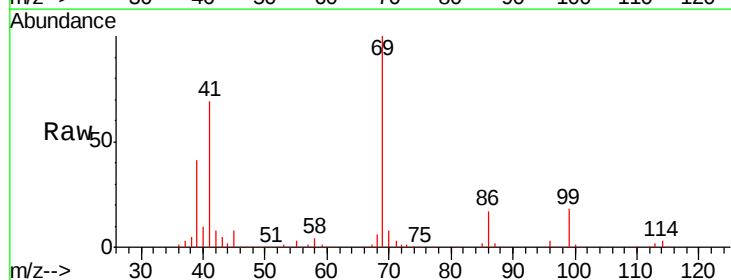


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

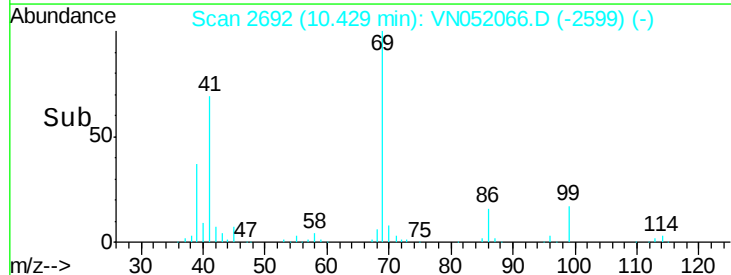
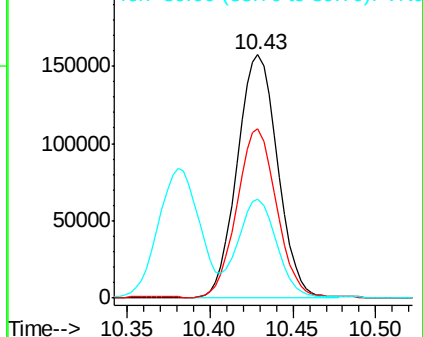


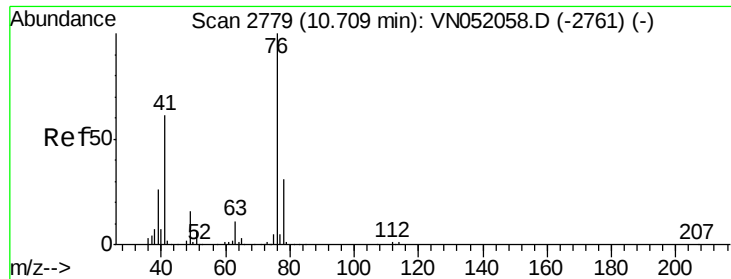
#56
 Ethyl methacrylate
 Concen: 48.93 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 69 Resp: 267900
 Ion Ratio Lower Upper
 69 100
 41 67.2 55.5 83.3
 39 38.7 33.0 49.4



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

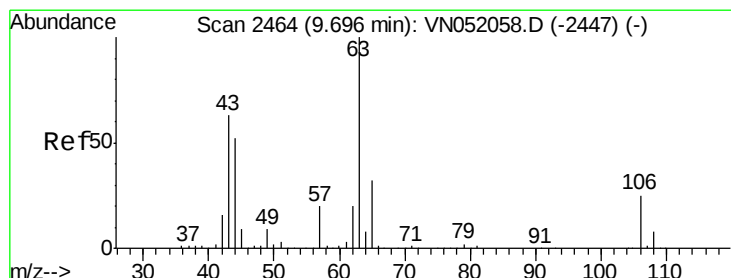
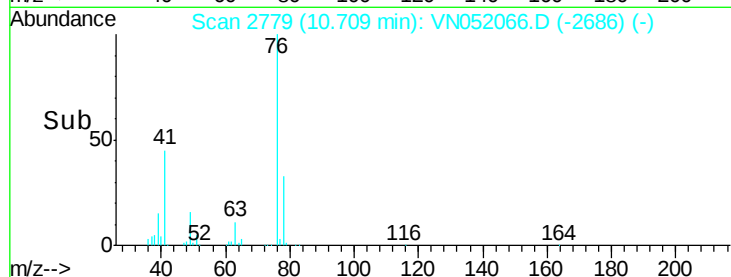
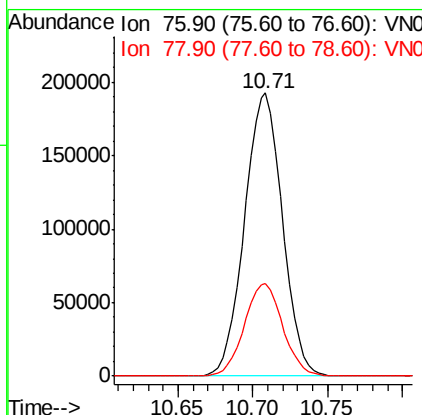
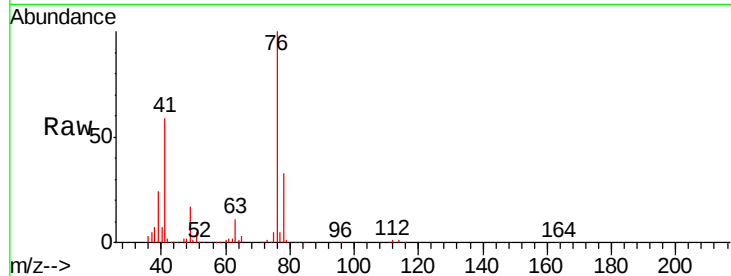




#57
 1,3-Dichloropropane
 Concen: 48.19 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

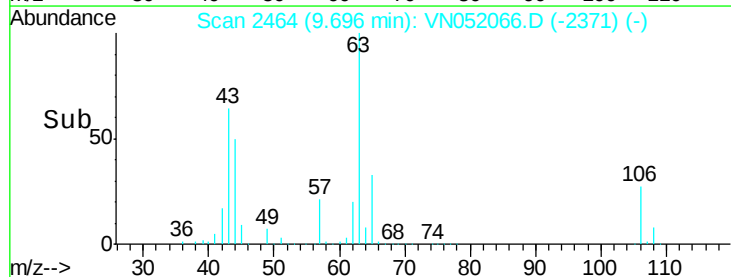
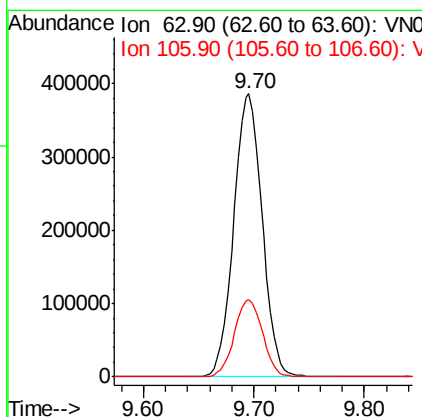
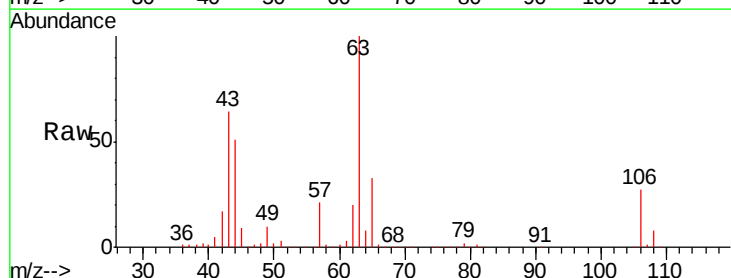
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

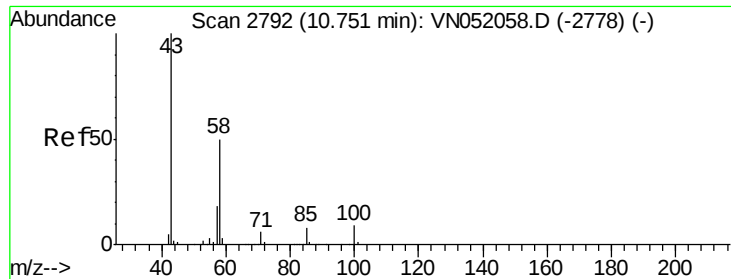
Tgt Ion: 76 Resp: 339428
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.01 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 63 Resp: 690300
 Ion Ratio Lower Upper
 63 100
 106 27.2 19.4 29.2

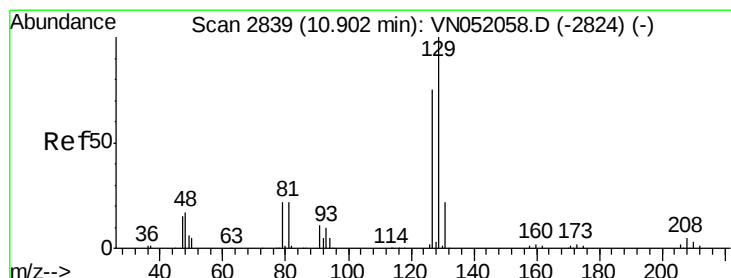
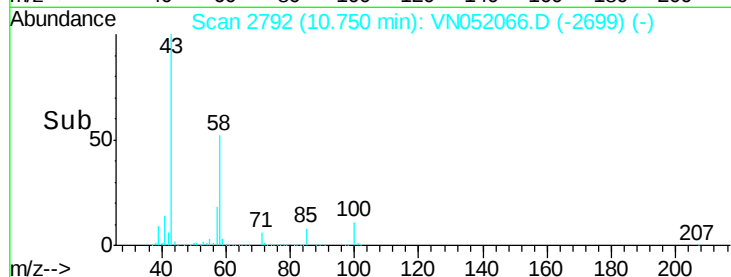
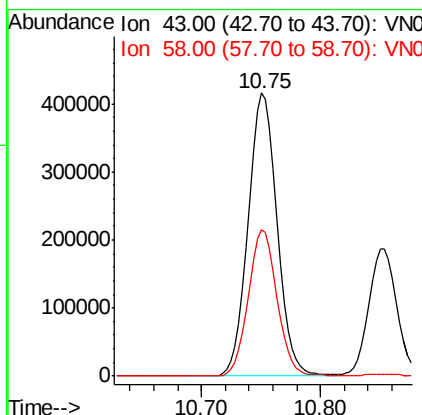
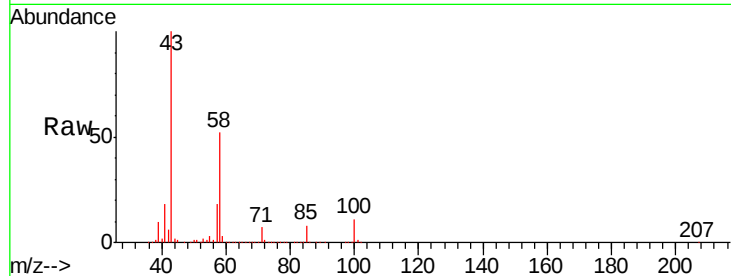




#59
2-Hexanone
Concen: 247.35 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

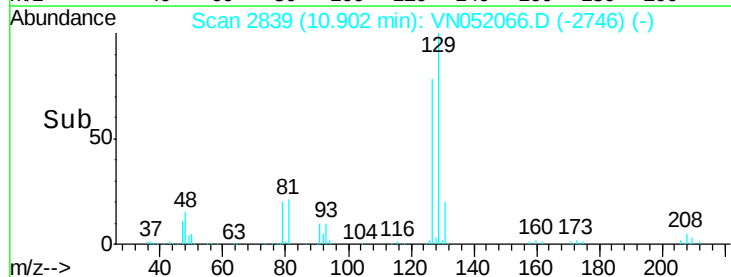
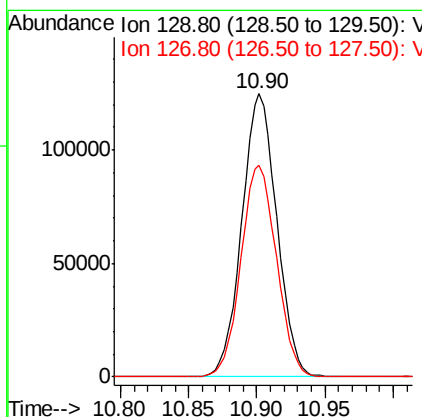
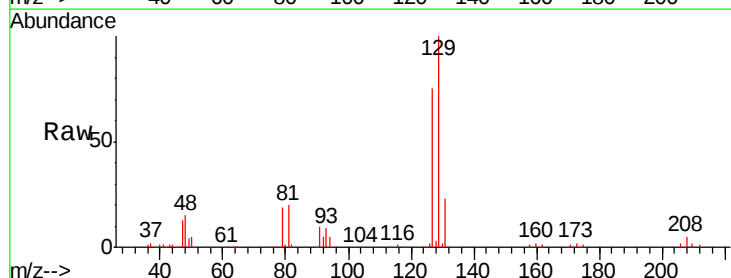
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

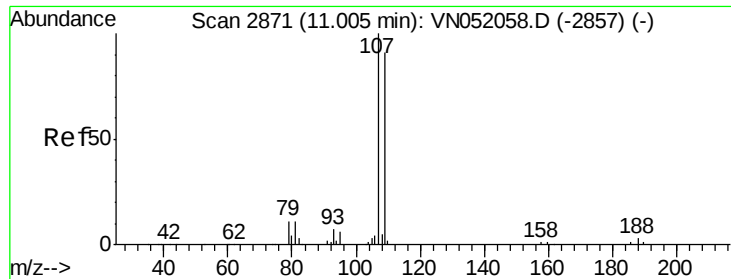
Tgt Ion: 43 Resp: 702034
Ion Ratio Lower Upper
43 100
58 51.3 25.2 75.6



#60
Dibromochloromethane
Concen: 58.98 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 129 Resp: 222247
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.5

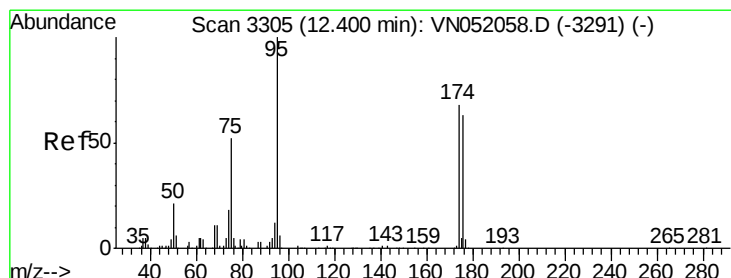
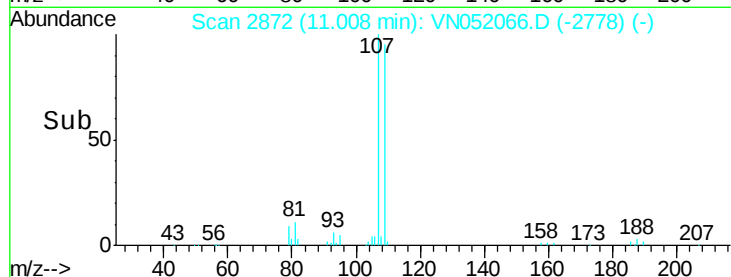
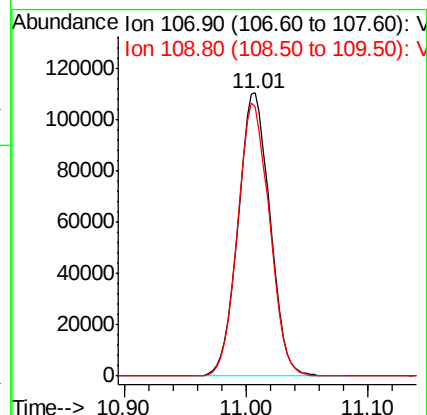
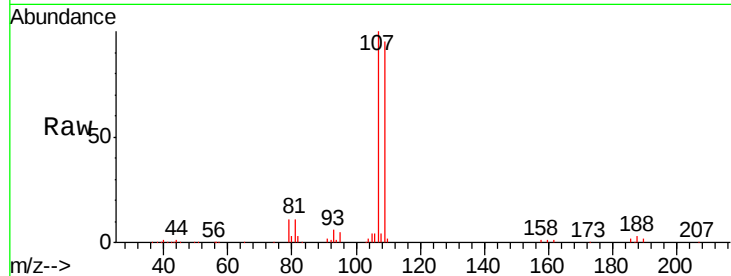




#61
 1,2-Dibromoethane
 Concen: 52.66 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

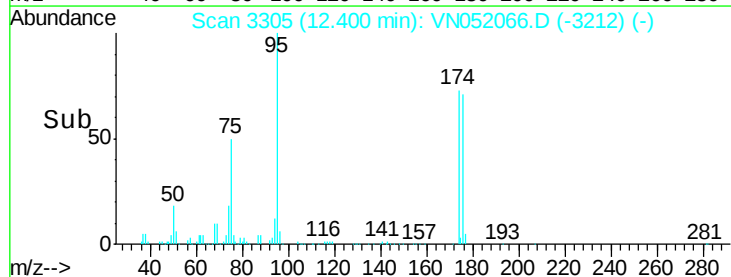
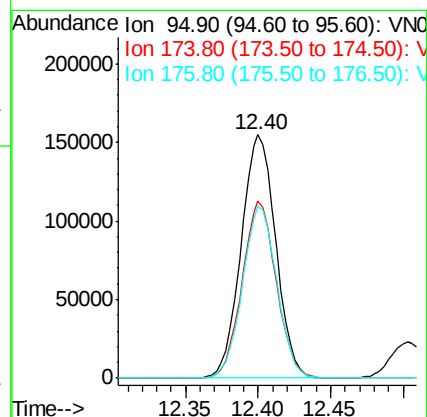
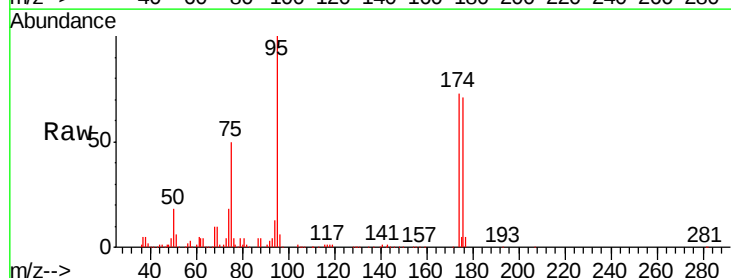
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

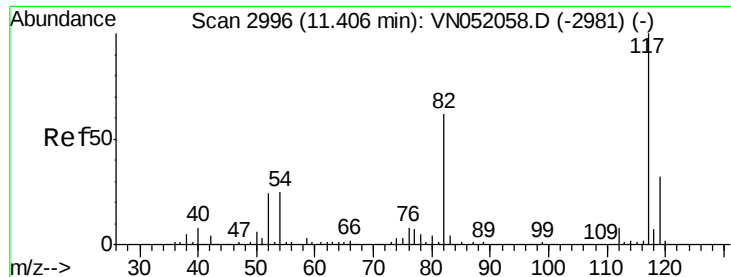
Tgt Ion: 107 Resp: 200373
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.66 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 95 Resp: 256466
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 131.8
 176 70.1 0.0 126.0

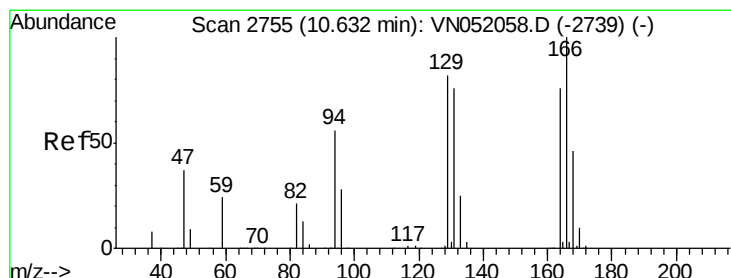
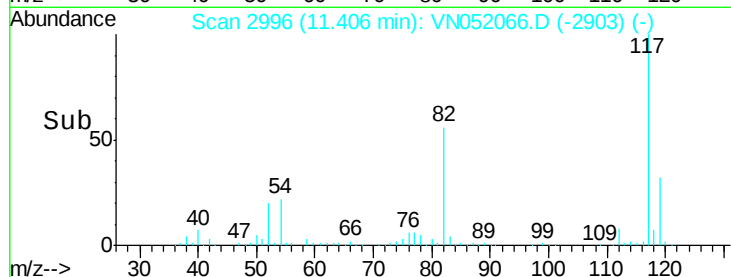
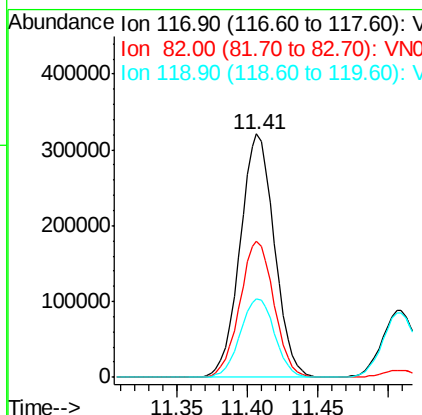
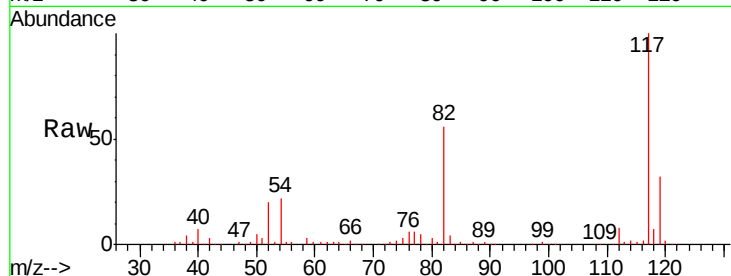




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

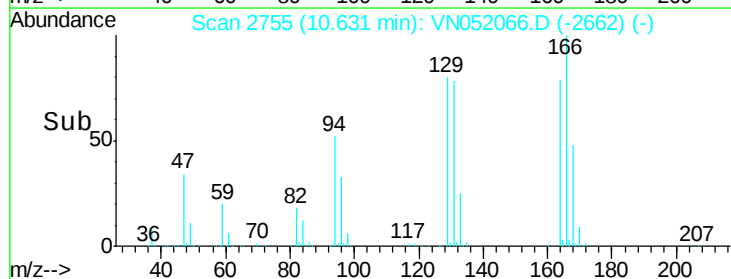
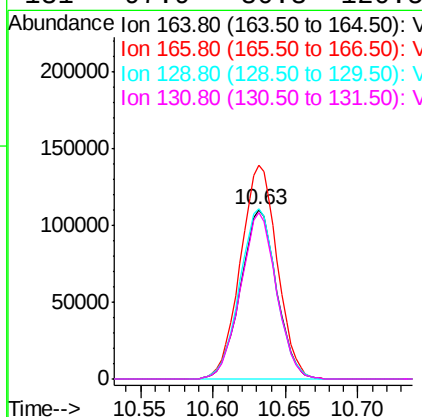
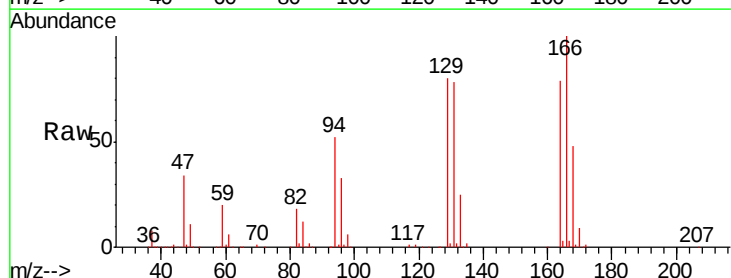
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

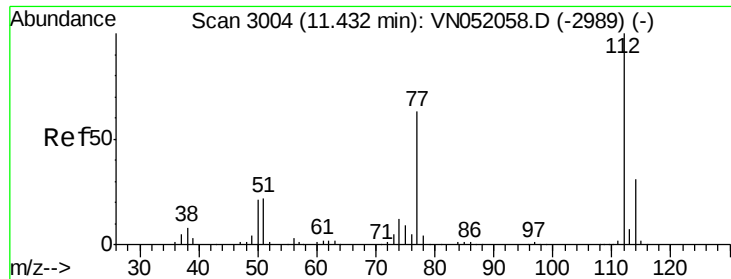
Tgt Ion:117 Resp: 546893
Ion Ratio Lower Upper
117 100
82 56.1 49.9 74.9
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 57.32 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion:164 Resp: 189922
Ion Ratio Lower Upper
164 100
166 125.9 105.4 158.0
129 100.5 86.1 129.1
131 97.9 80.3 120.5

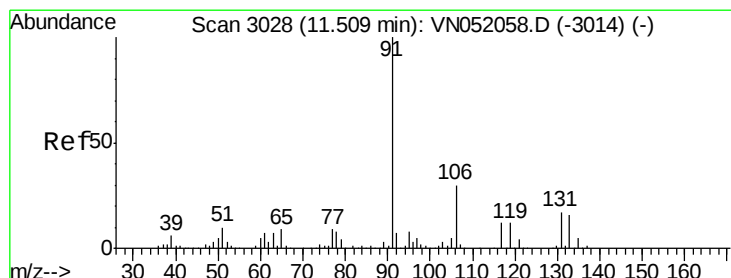
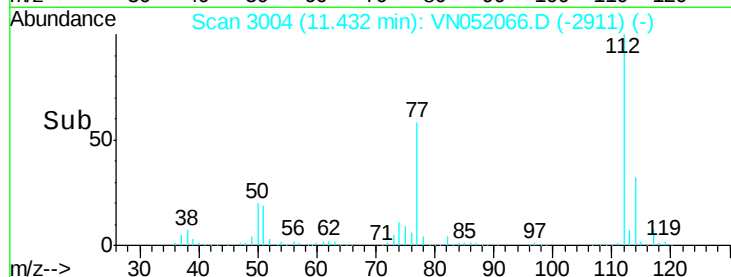
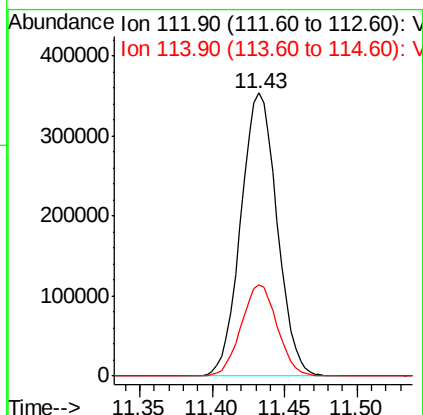
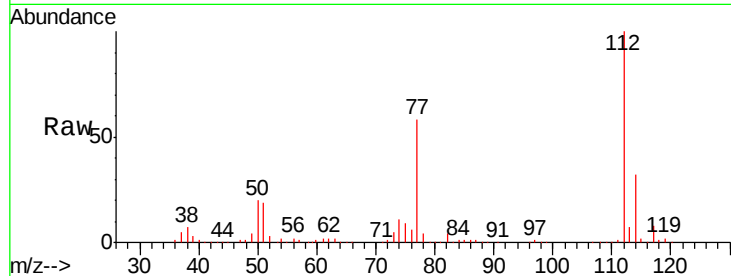




#65
Chlorobenzene
Concen: 53.50 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

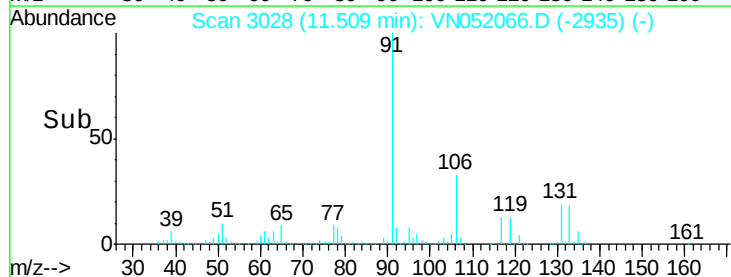
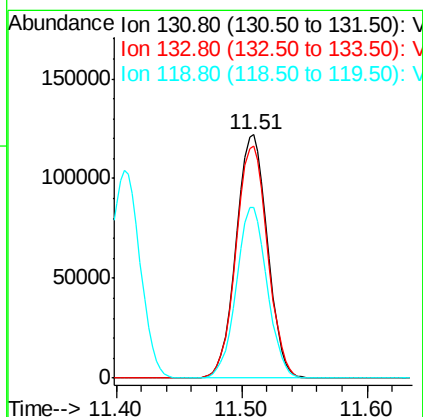
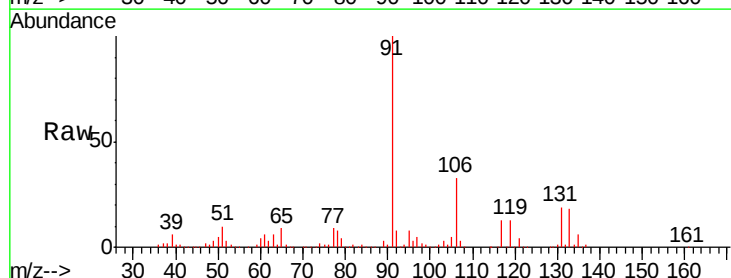
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

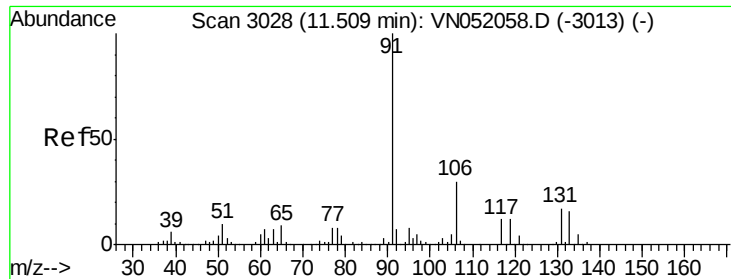
Tgt Ion:112 Resp: 616233
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 58.69 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion:131 Resp: 212283
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 68.7 34.4 103.2

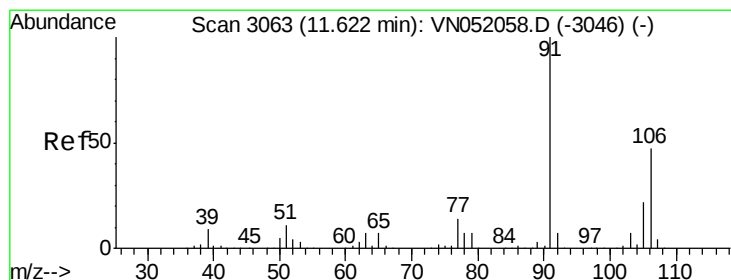
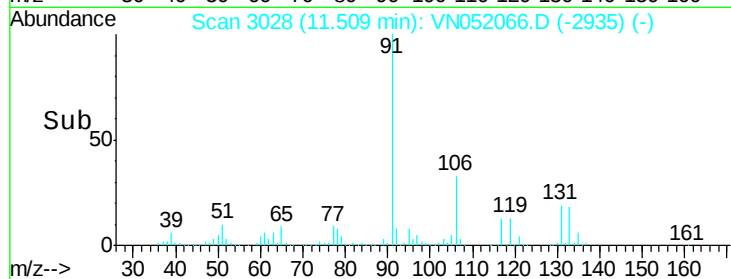
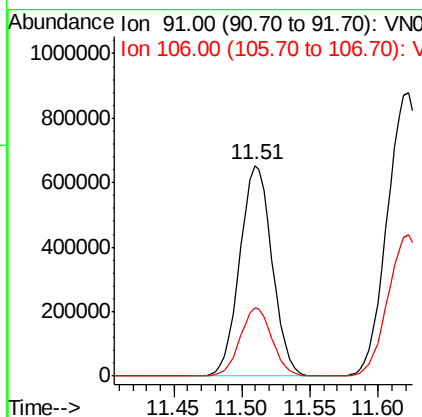
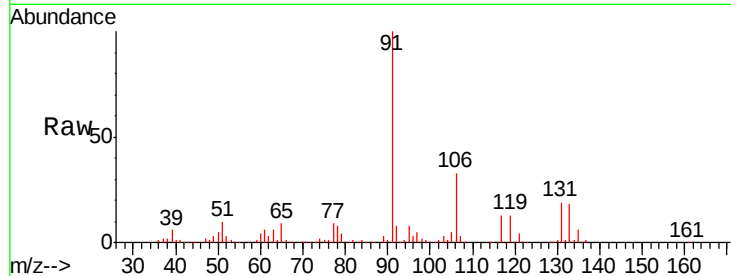




#67
Ethyl Benzene
Concen: 52.37 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

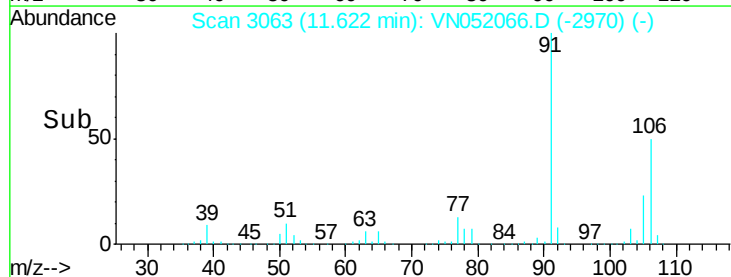
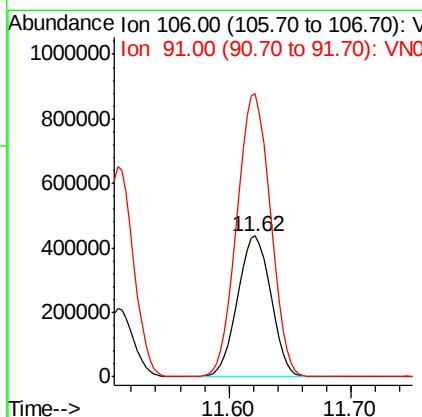
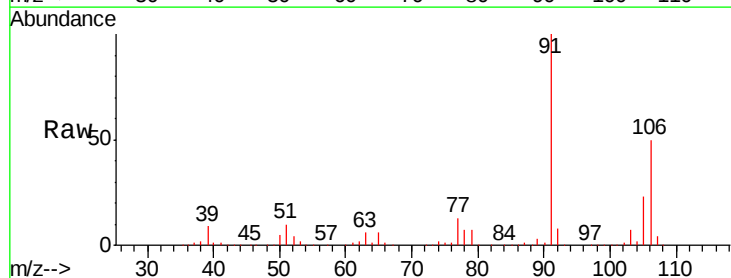
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

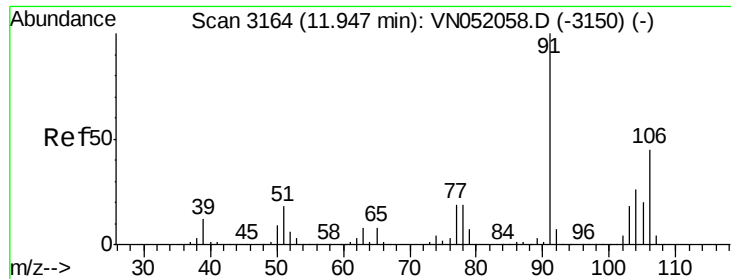
Tgt Ion: 91 Resp: 1075844
Ion Ratio Lower Upper
91 100
106 32.5 24.1 36.1



#68
m/p-Xylenes
Concen: 112.59 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 106 Resp: 827838
Ion Ratio Lower Upper
106 100
91 202.2 168.7 253.1

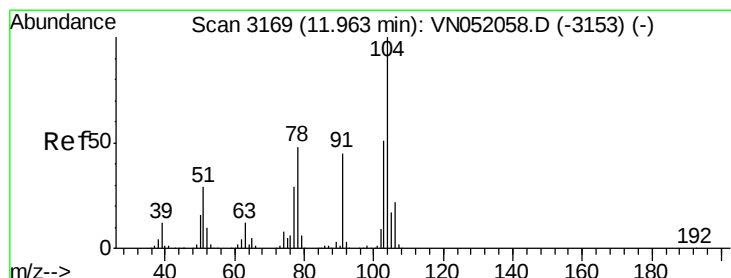
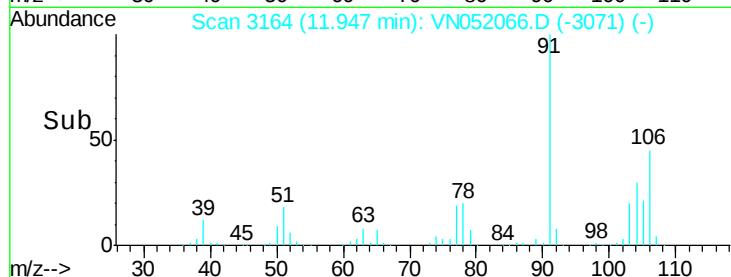
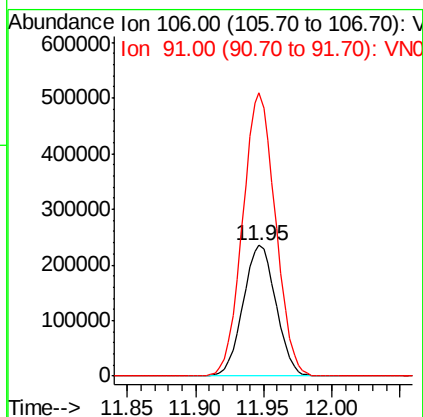
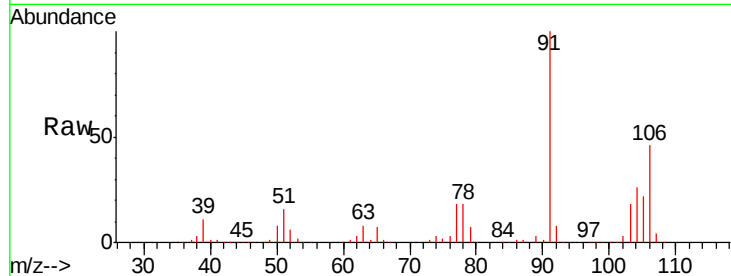




#69
o-Xylene
Concen: 54.01 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

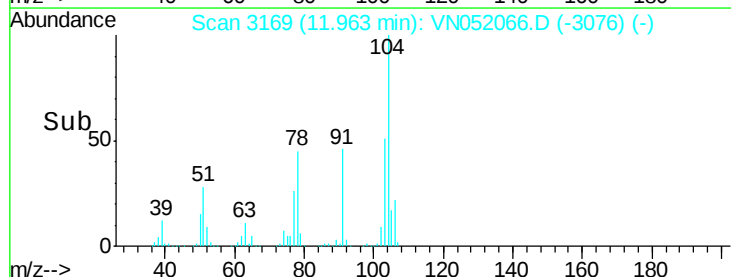
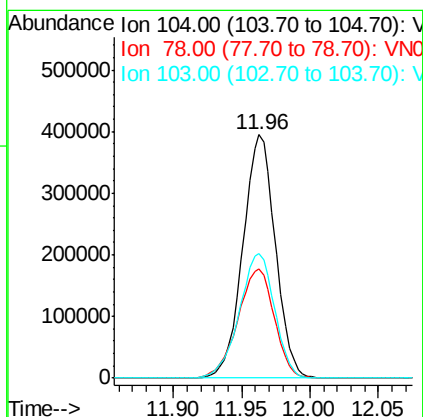
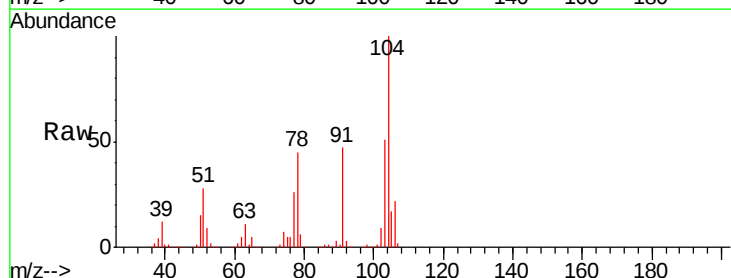
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

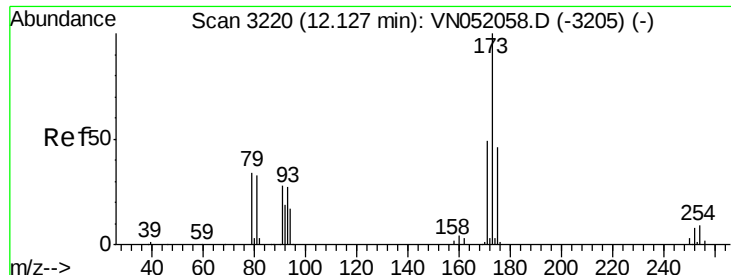
Tgt Ion:106 Resp: 392961
Ion Ratio Lower Upper
106 100
91 215.5 109.6 328.6



#70
Styrene
Concen: 55.30 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion:104 Resp: 651002
Ion Ratio Lower Upper
104 100
78 50.5 43.0 64.6
103 55.8 45.1 67.7

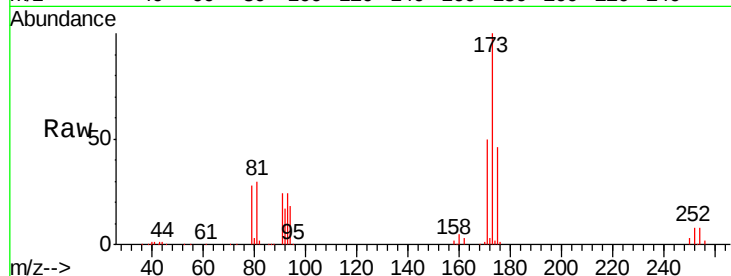




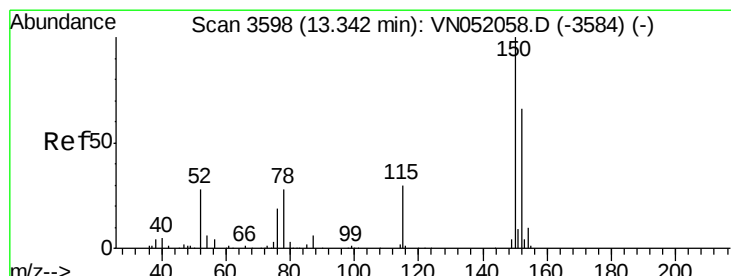
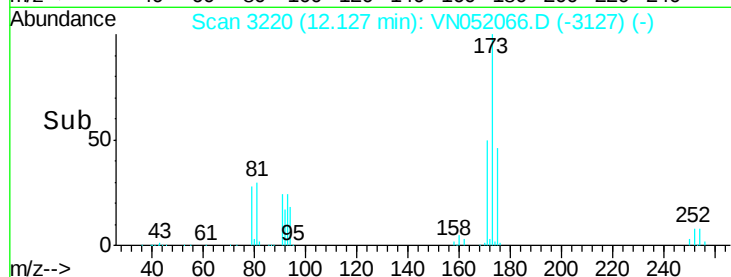
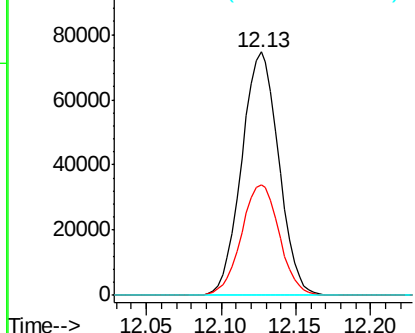
#71
Bromoform
Concen: 55.24 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 128958
Ion Ratio Lower Upper
173 100
175 46.3 23.9 71.7
254 0.1 0.0 0.0#

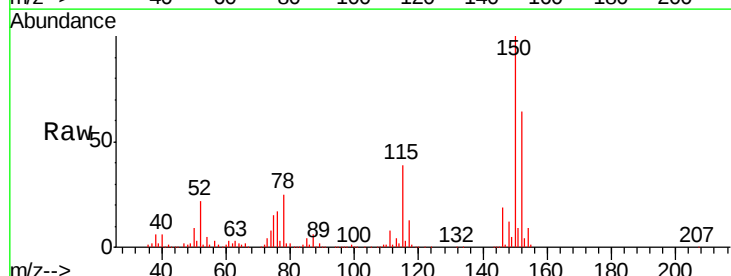


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

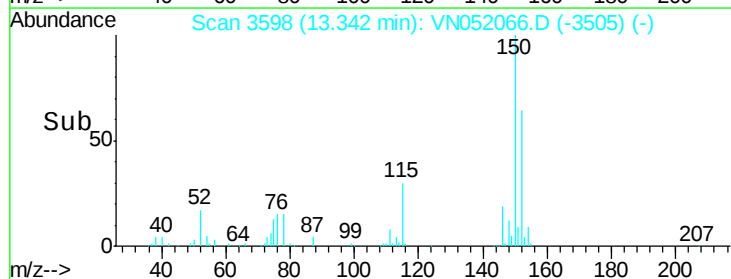
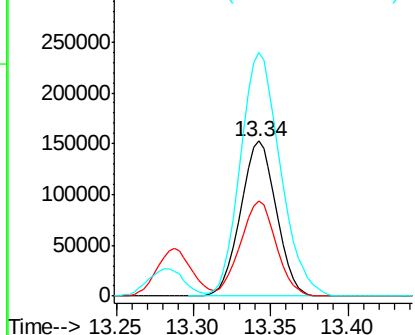


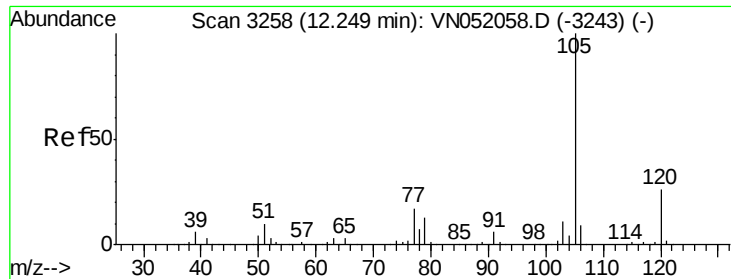
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion:152 Resp: 245308
Ion Ratio Lower Upper
152 100
115 61.7 31.6 95.0
150 175.6 0.0 345.0



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: 50.84 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

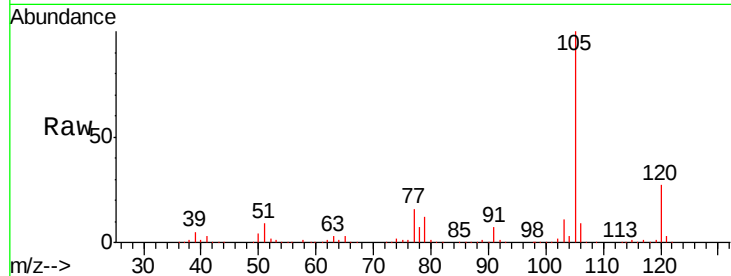
VSTDCCC050

Tgt Ion:105 Resp: 1066489

Ion Ratio Lower Upper

105 100

120 27.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

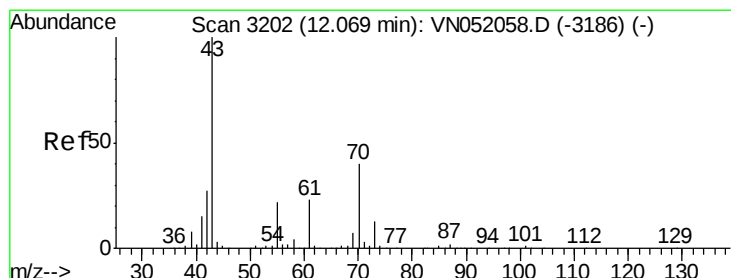
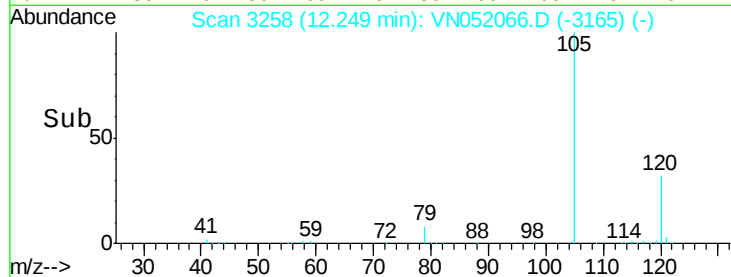
600000

400000

200000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 44.50 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Tgt Ion: 43 Resp: 325755

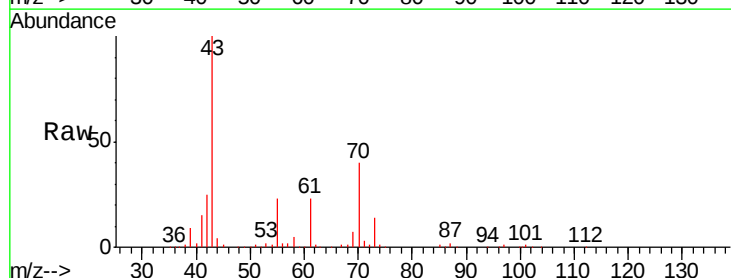
Ion Ratio Lower Upper

43 100

70 39.9 31.9 47.9

55 23.7 18.4 27.6

61 22.7 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

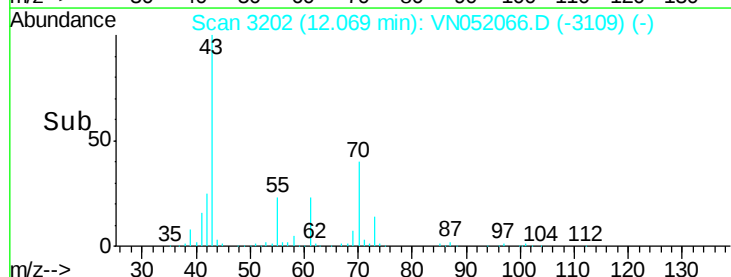
150000

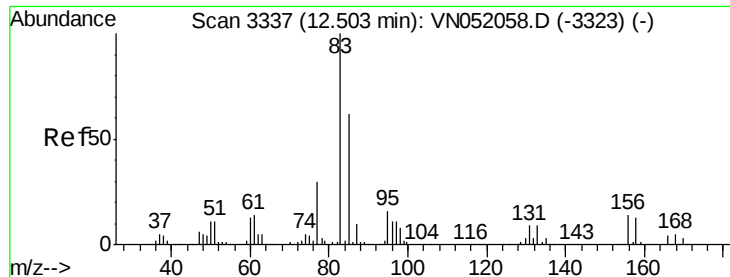
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 46.70 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

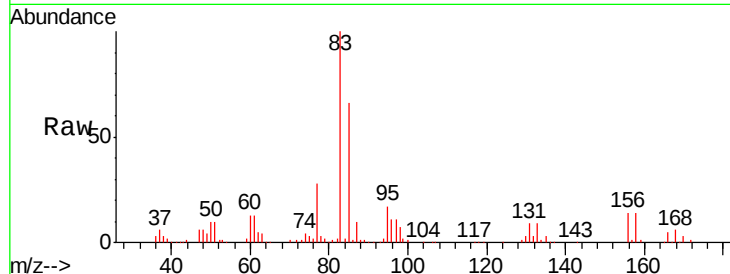
Tgt Ion: 83 Resp: 234912

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.4

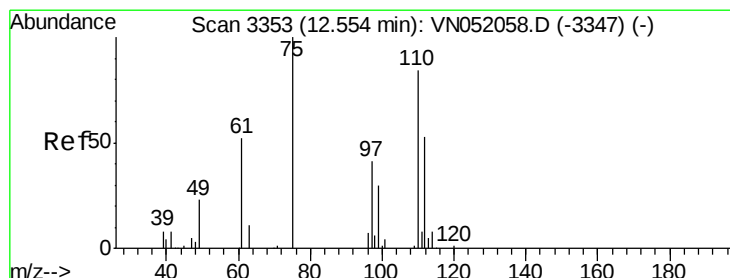
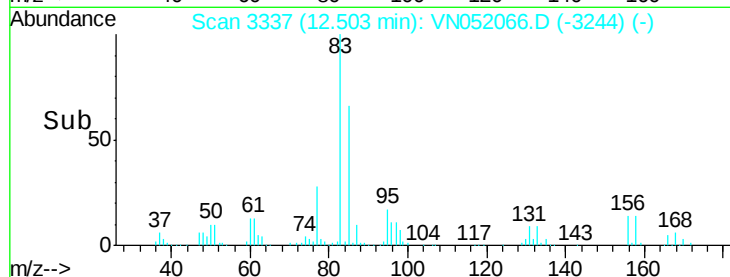
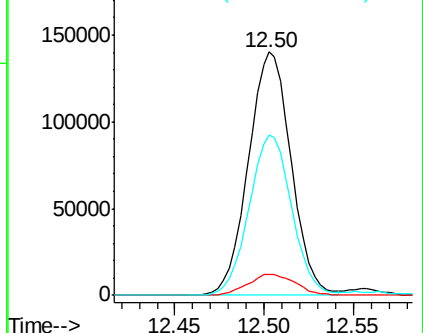
85 65.6 31.3 93.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 67.74 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052066.D

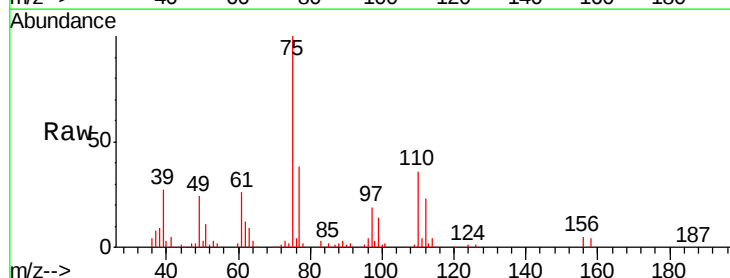
Acq: 31 Oct 2018 11:12

Tgt Ion: 75 Resp: 304186

Ion Ratio Lower Upper

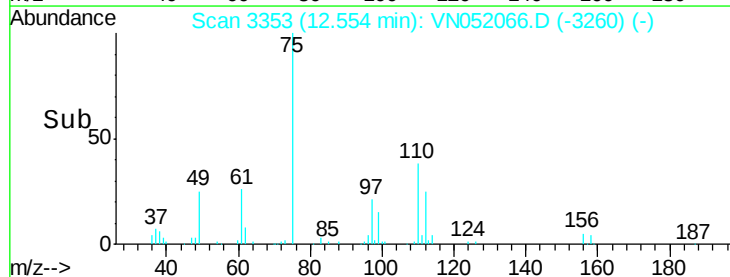
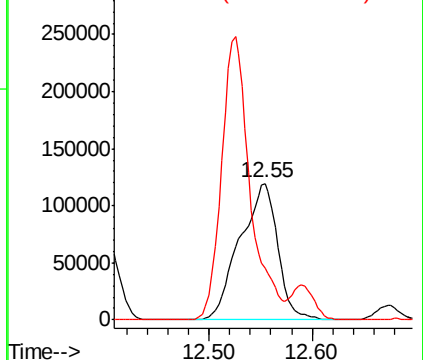
75 100

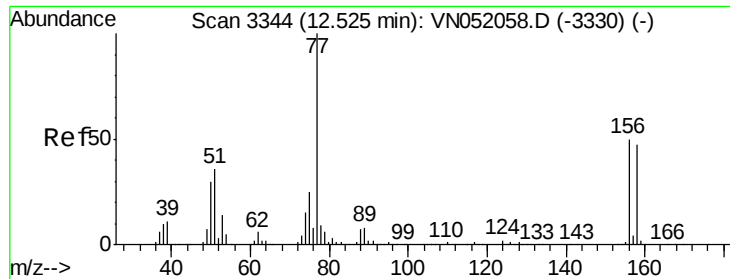
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 54.49 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

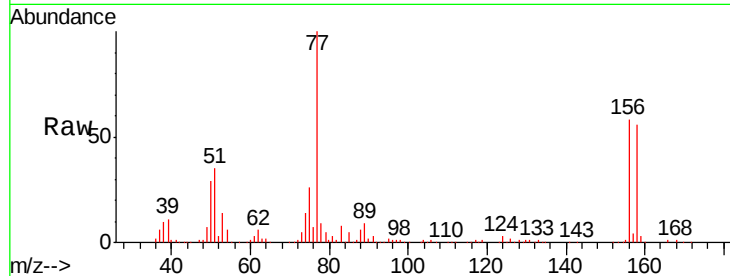
Tgt Ion:156 Resp: 239150

Ion Ratio Lower Upper

156 100

77 201.0 119.6 358.6

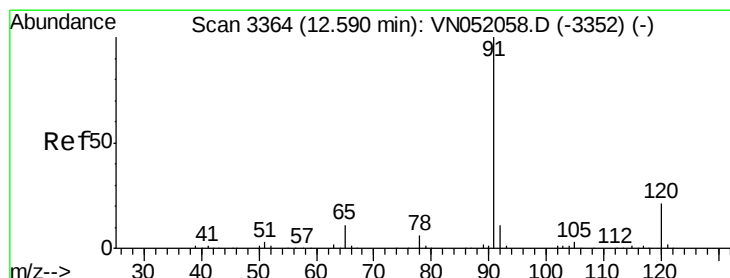
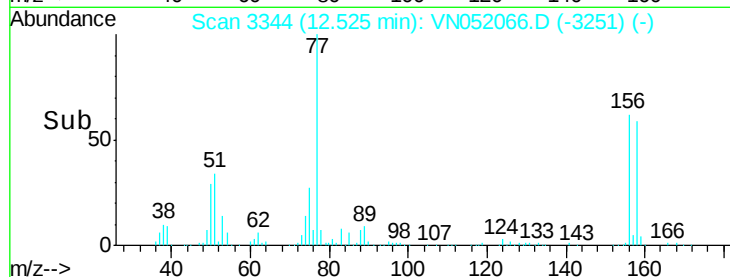
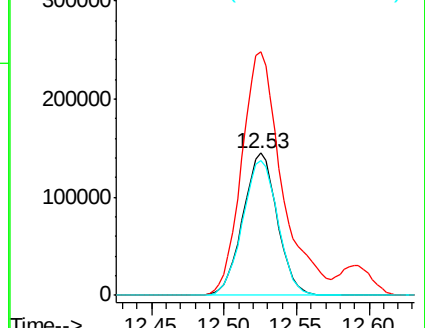
158 97.2 47.8 143.4



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: 48.54 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052066.D

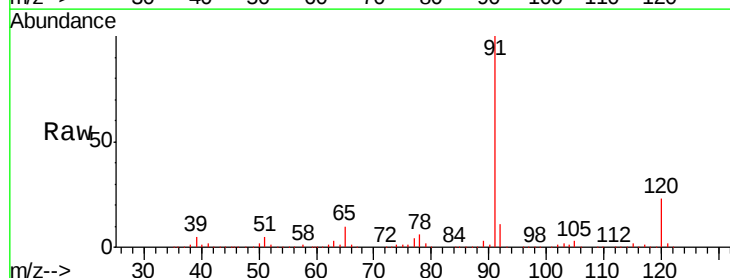
Acq: 31 Oct 2018 11:12

Tgt Ion: 91 Resp: 1233875

Ion Ratio Lower Upper

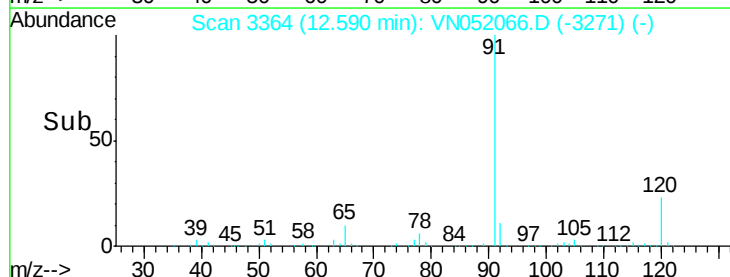
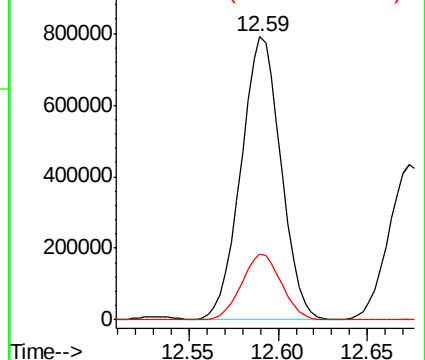
91 100

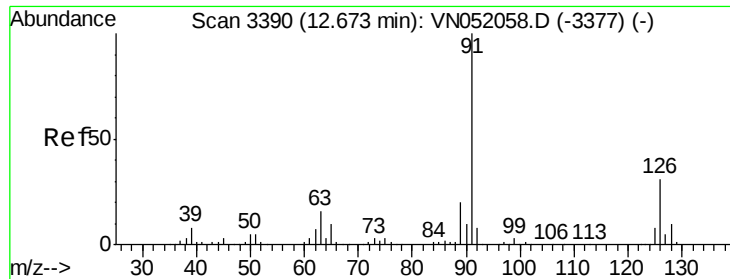
120 23.2 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

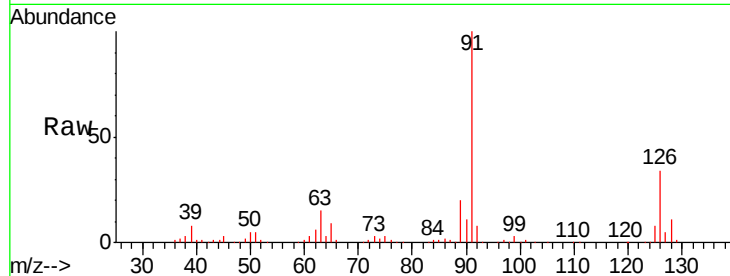




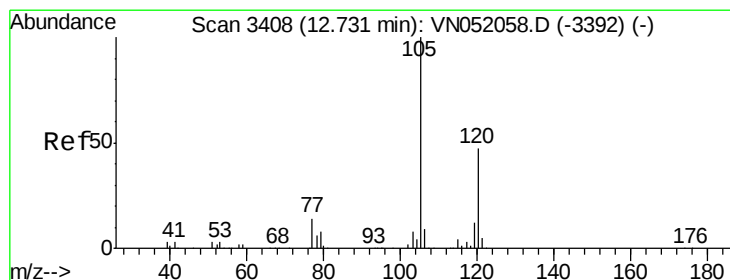
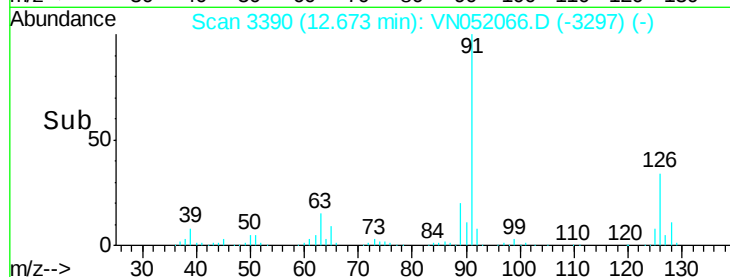
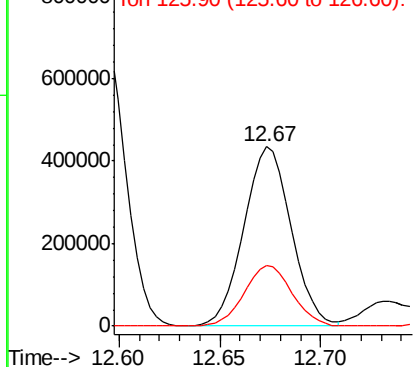
#79
 2-Chlorotoluene
 Concen: 48.03 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 711643
 Ion Ratio Lower Upper
 91 100
 126 34.4 15.9 47.6

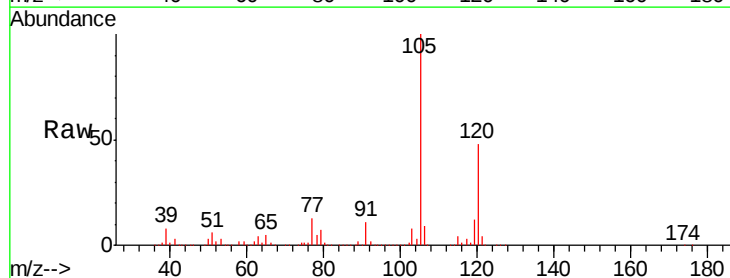


Abundance Ion 91.00 (90.70 to 91.70): VN052058.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN052058.D (-3377) (-)

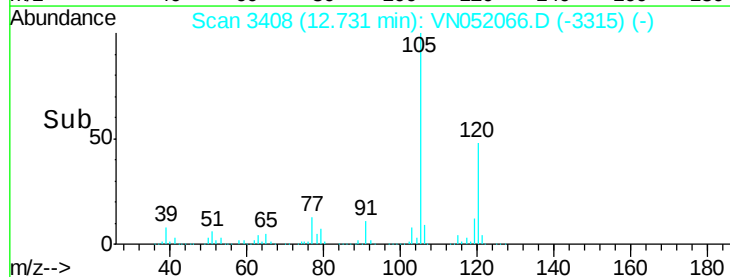
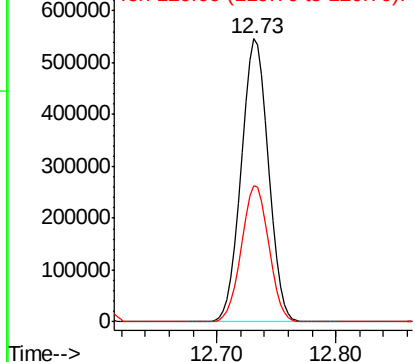


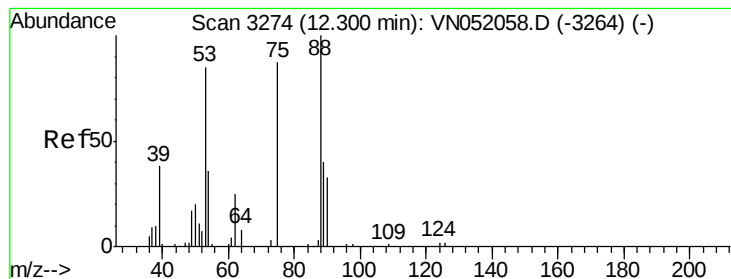
#80
 1,3,5-Trimethylbenzene
 Concen: 50.64 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 105 Resp: 864494
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN052058.D (-3392) (-)
 Ion 120.00 (119.70 to 120.70): VN052058.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.37 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

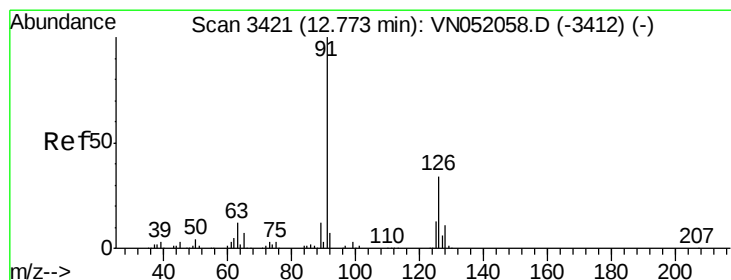
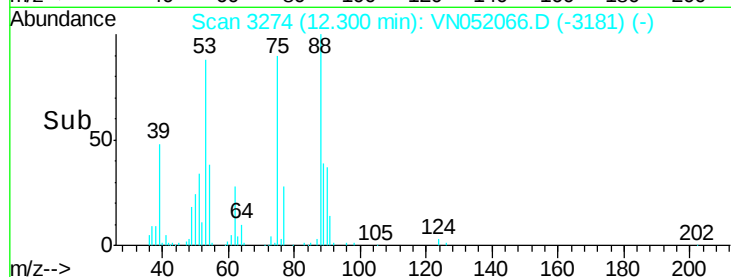
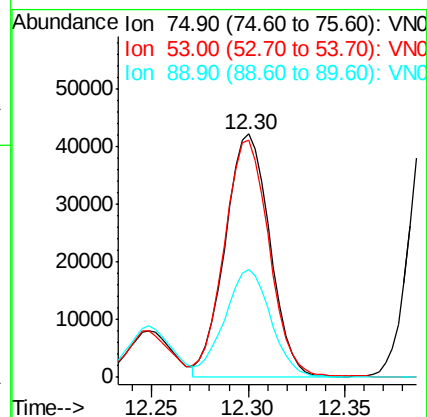
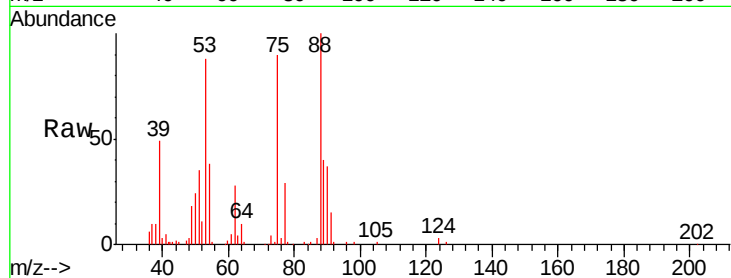
Tgt Ion: 75 Resp: 68146

Ion Ratio Lower Upper

75 100

53 96.7 81.8 122.6

89 45.6 36.6 54.8



#82

4-Chlorotoluene

Concen: 48.63 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052066.D

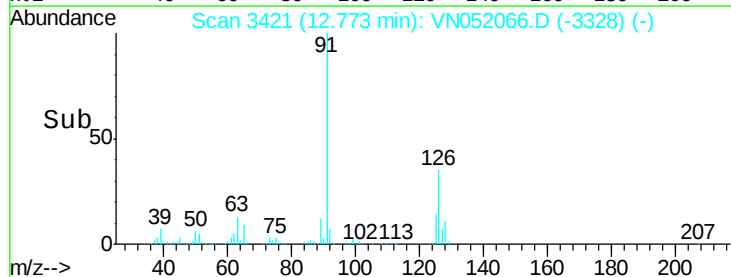
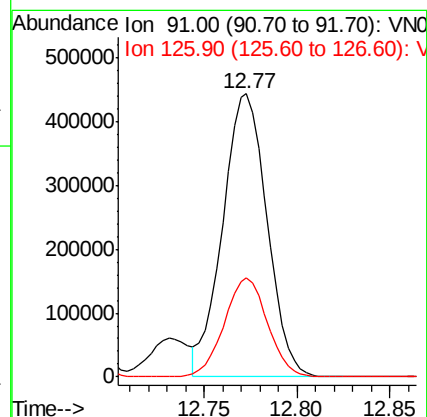
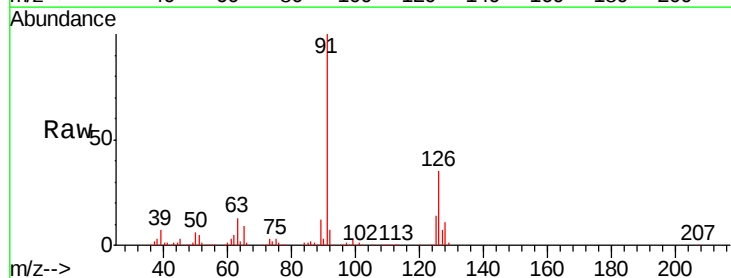
Acq: 31 Oct 2018 11:12

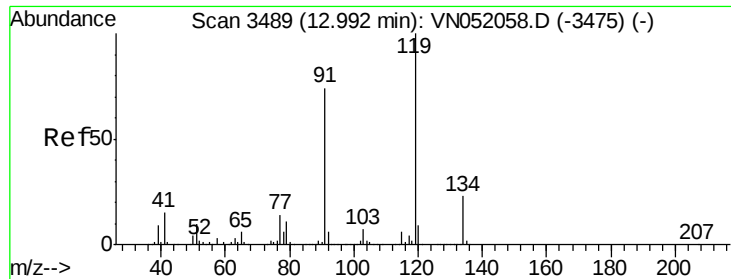
Tgt Ion: 91 Resp: 734768

Ion Ratio Lower Upper

91 100

126 34.1 15.7 47.1

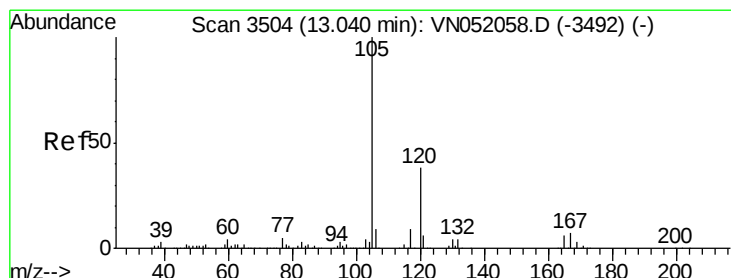
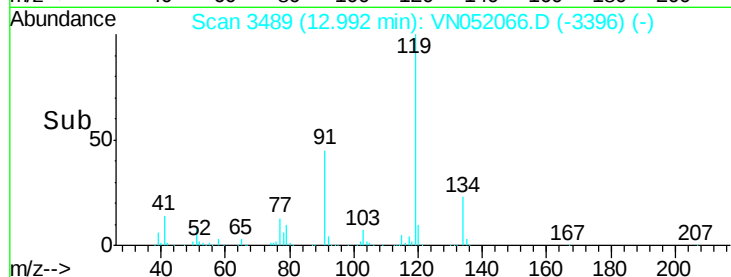
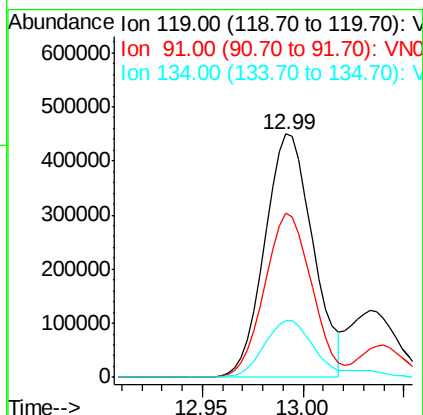
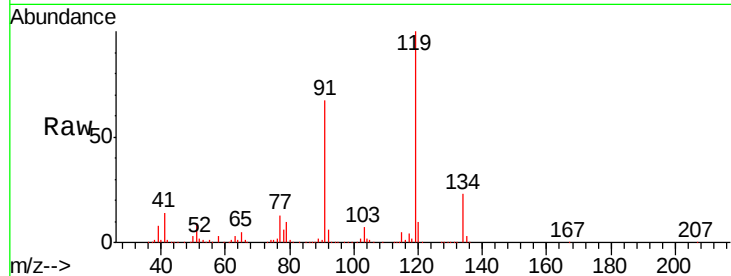




#83
 tert-Butylbenzene
 Concen: 52.01 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

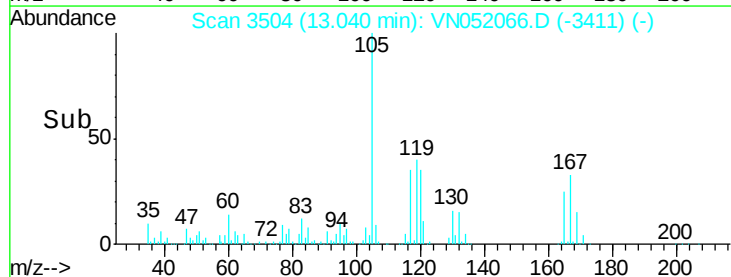
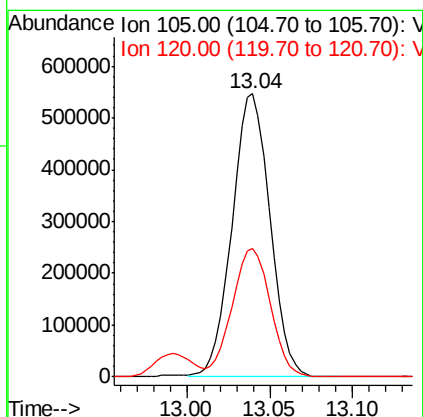
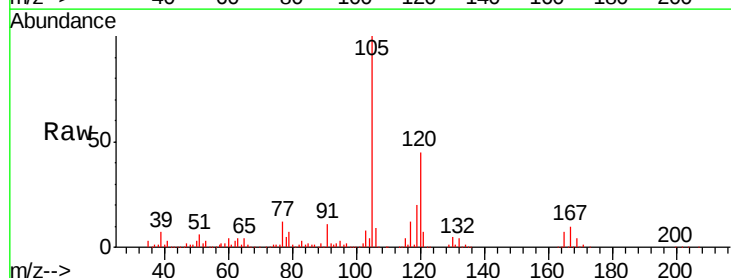
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

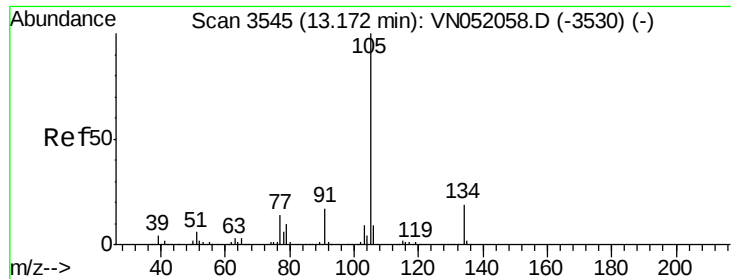
Tgt Ion:119 Resp: 745848
 Ion Ratio Lower Upper
 119 100
 91 66.2 36.6 109.9
 134 24.1 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.04 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion:105 Resp: 867217
 Ion Ratio Lower Upper
 105 100
 120 45.9 21.9 65.5

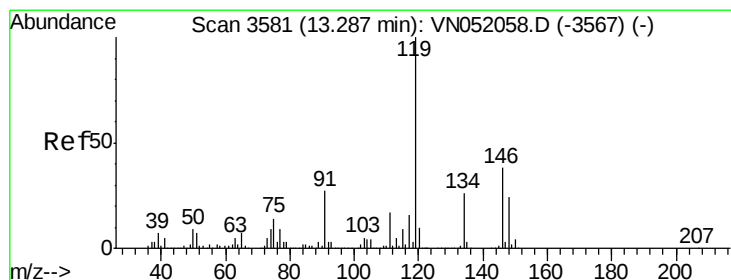
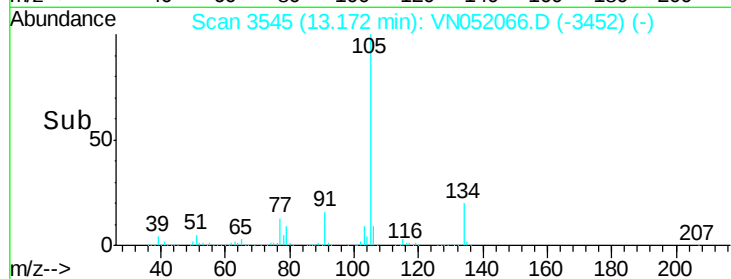
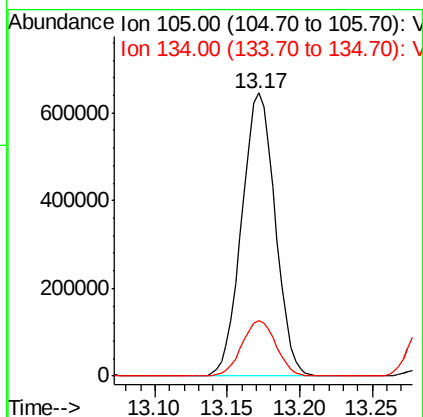
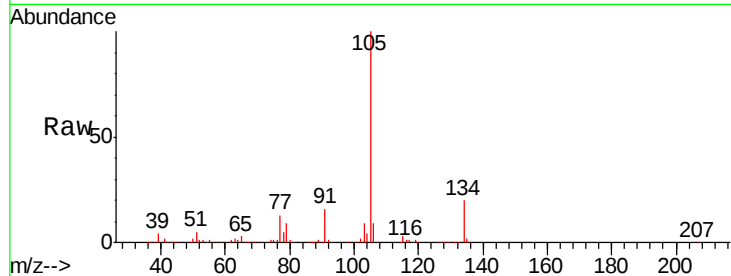




#85
 sec-Butylbenzene
 Concen: 50.60 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

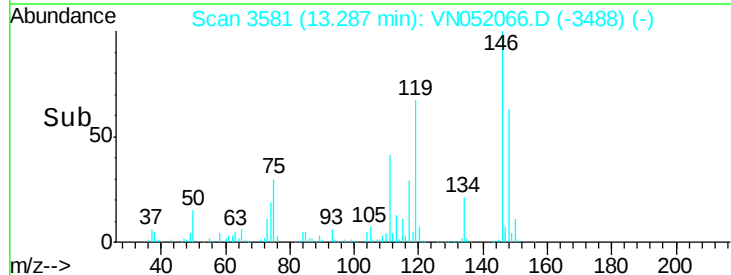
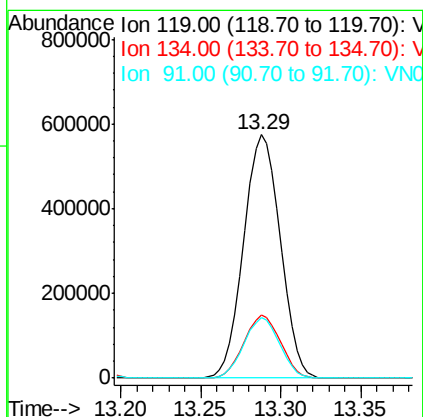
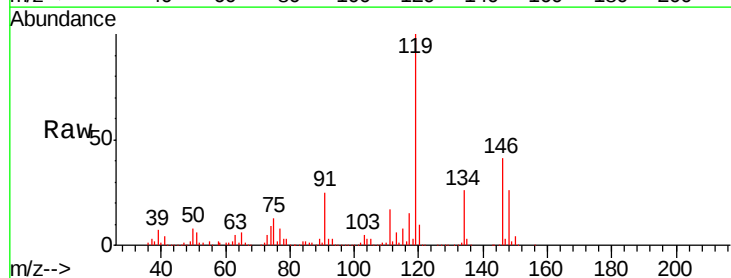
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

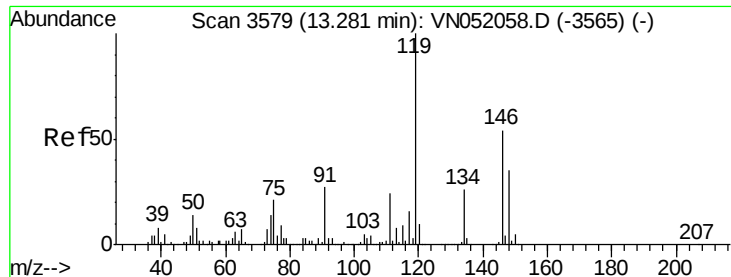
Tgt Ion:105 Resp: 1036577
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 53.63 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion:119 Resp: 894740
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 24.4 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 54.00 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

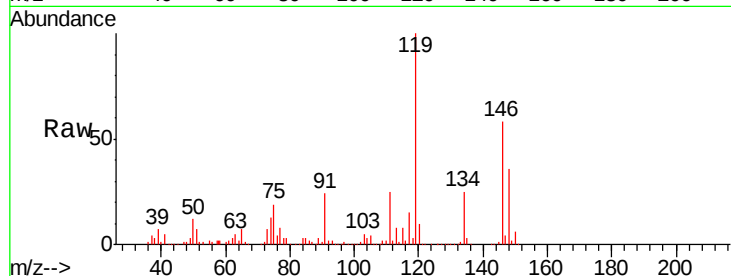
Tgt Ion:146 Resp: 432241

Ion Ratio Lower Upper

146 100

111 42.7 22.9 68.8

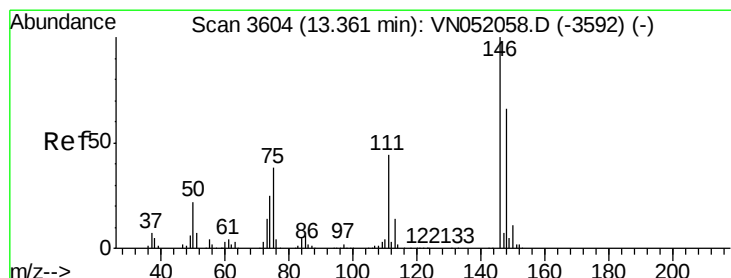
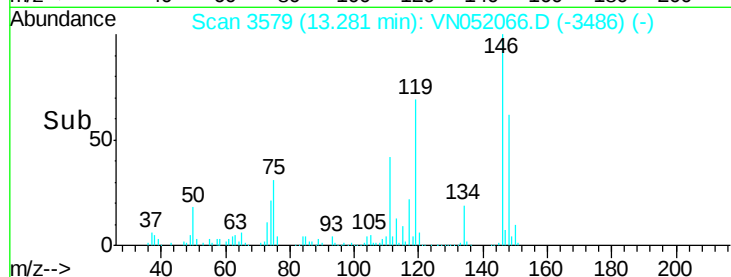
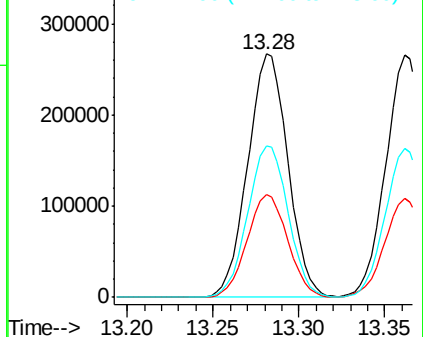
148 62.6 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 53.59 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

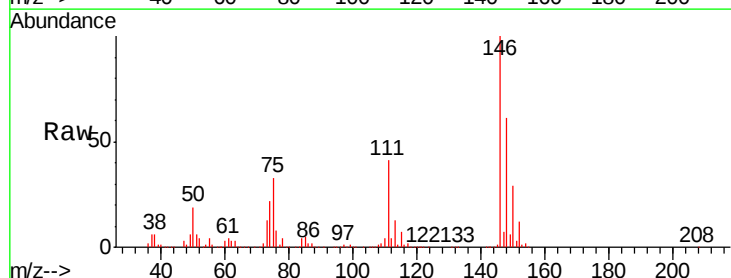
Tgt Ion:146 Resp: 429925

Ion Ratio Lower Upper

146 100

111 41.0 21.9 65.8

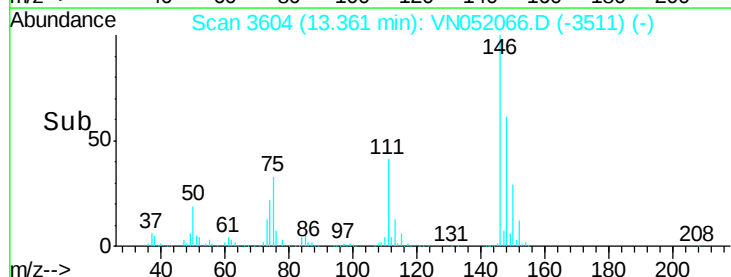
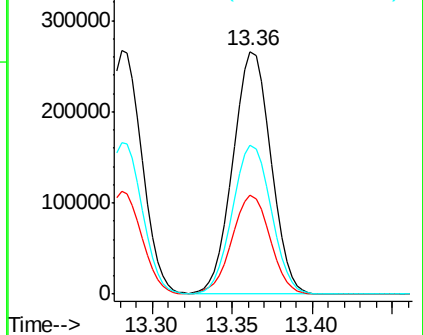
148 62.8 32.6 98.0

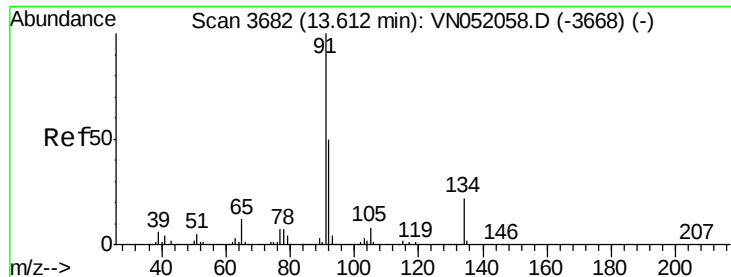


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

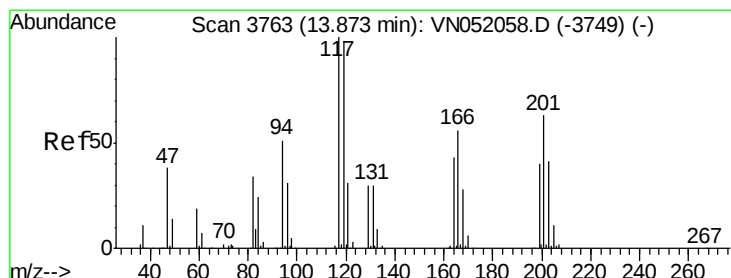
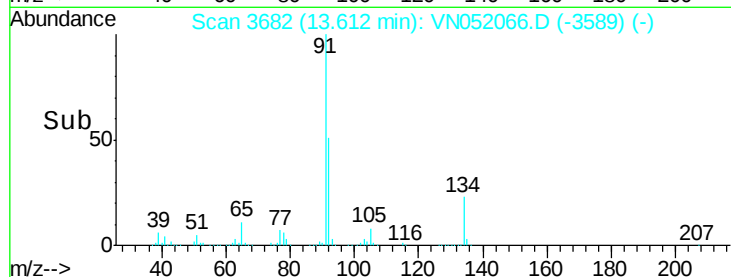
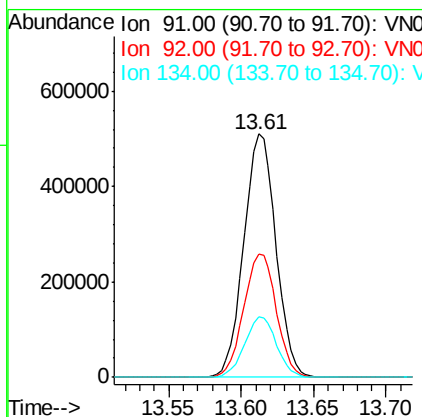
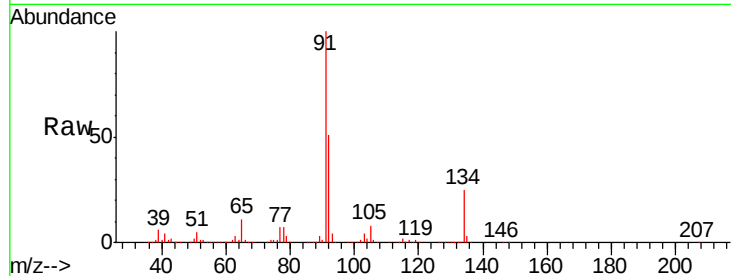




#89
n-Butylbenzene
Concen: 49.44 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

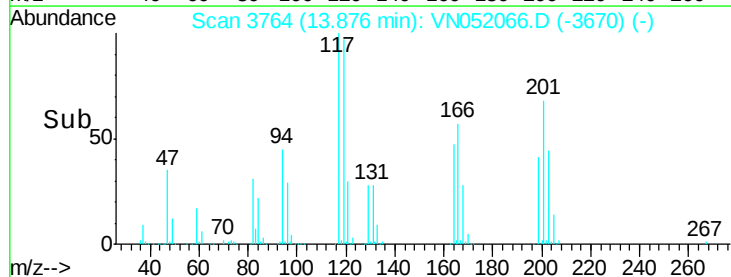
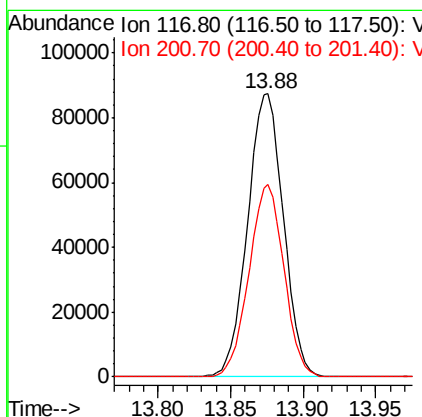
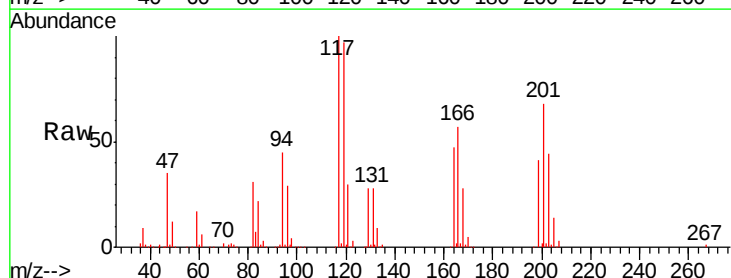
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

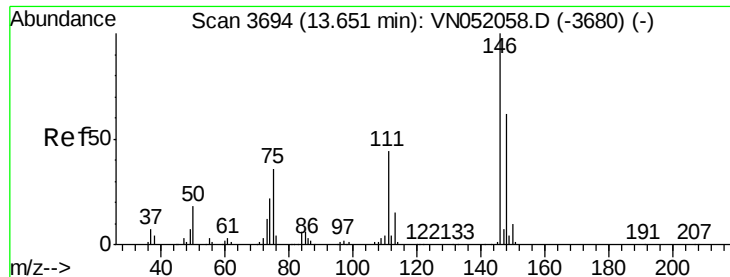
Tgt Ion: 91 Resp: 786601
Ion Ratio Lower Upper
91 100
92 51.4 25.3 75.8
134 24.8 11.2 33.5



#90
Hexachloroethane
Concen: 52.58 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052066.D
Acq: 31 Oct 2018 11:12

Tgt Ion: 117 Resp: 150328
Ion Ratio Lower Upper
117 100
201 66.3 31.1 93.5

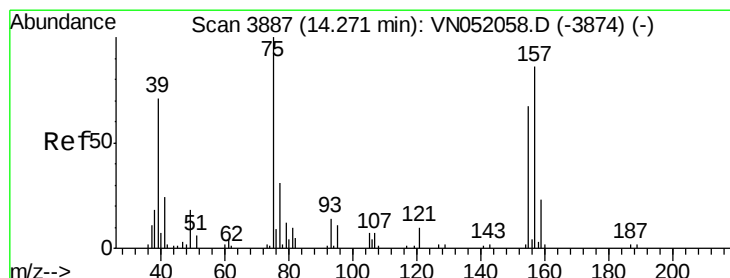
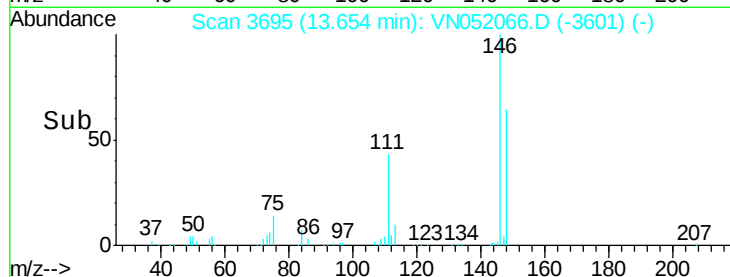
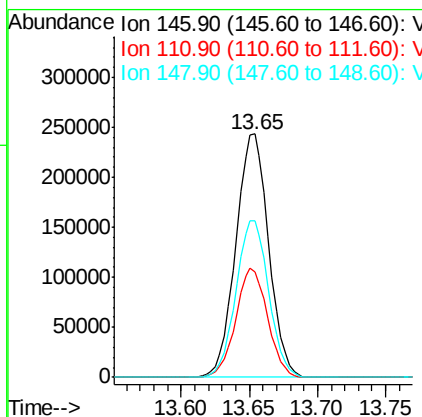
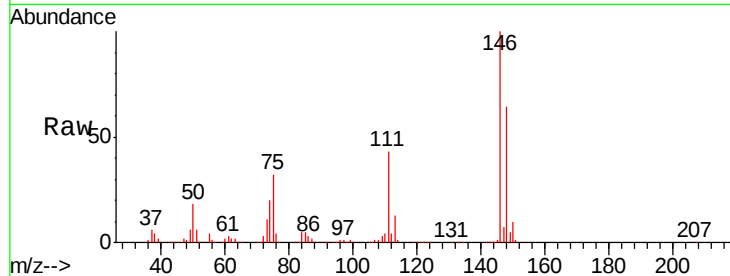




#91
 1,2-Dichlorobenzene
 Concen: 53.86 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

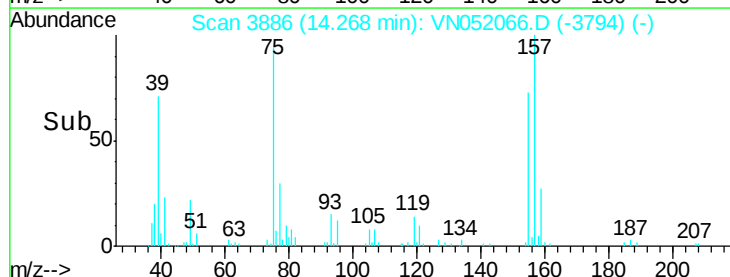
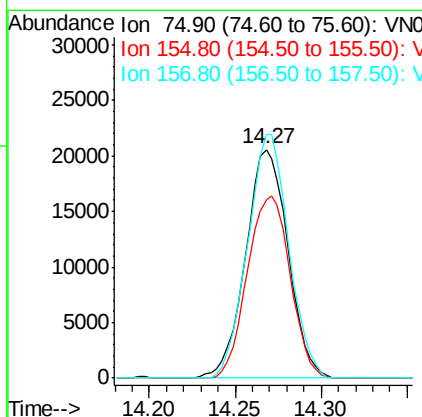
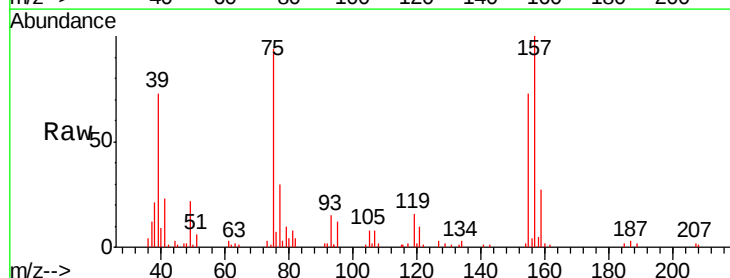
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

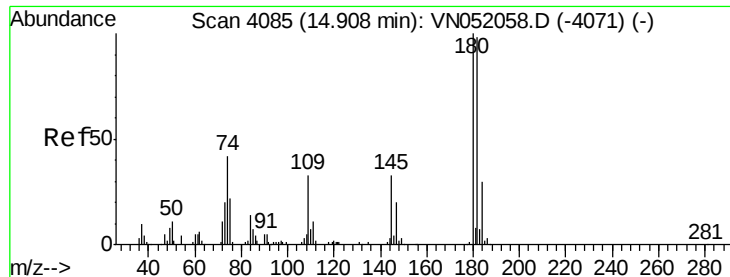
Tgt Ion: 146 Resp: 405289
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.5 67.5
 148 64.2 30.9 92.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.50 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion: 75 Resp: 35146
 Ion Ratio Lower Upper
 75 100
 155 80.3 34.0 102.0
 157 103.3 42.1 126.4

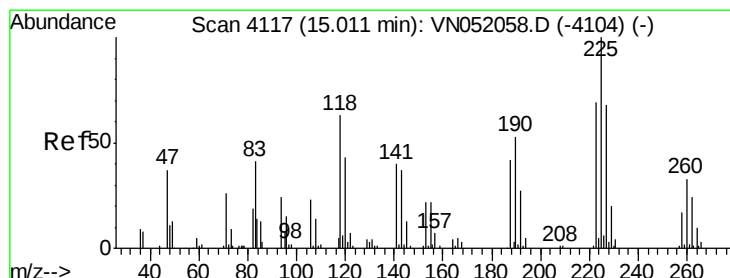
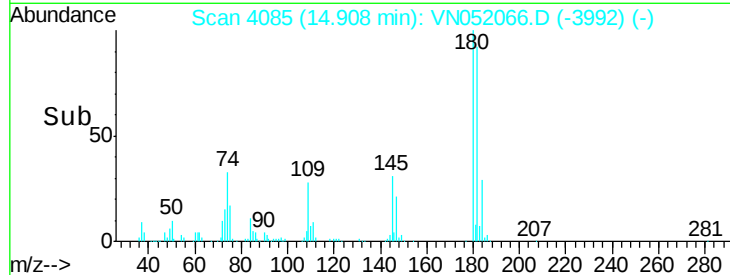
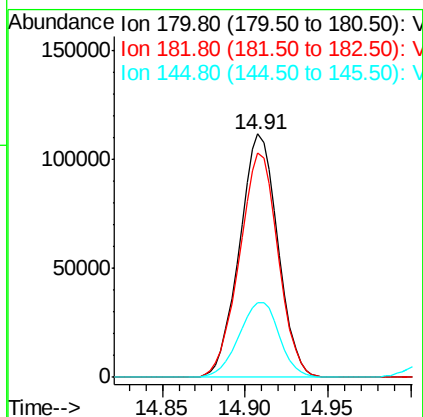
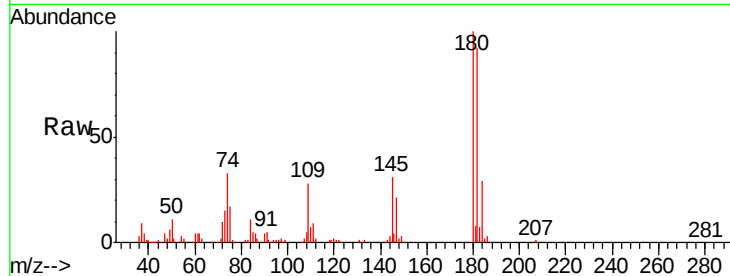




#93
 1,2,4-Trichlorobenzene
 Concen: 64.02 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

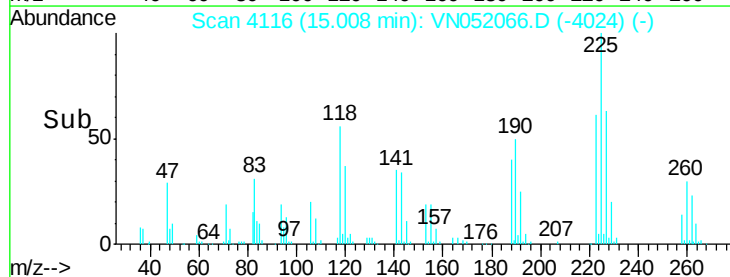
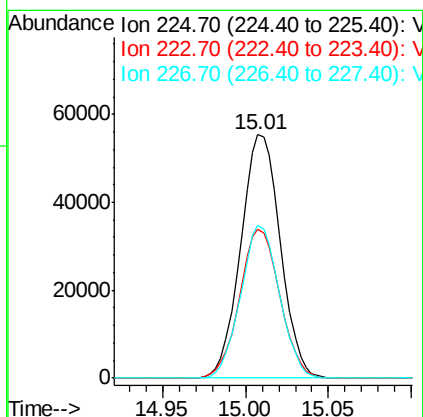
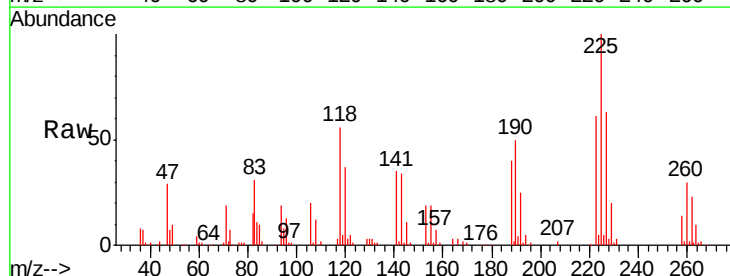
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

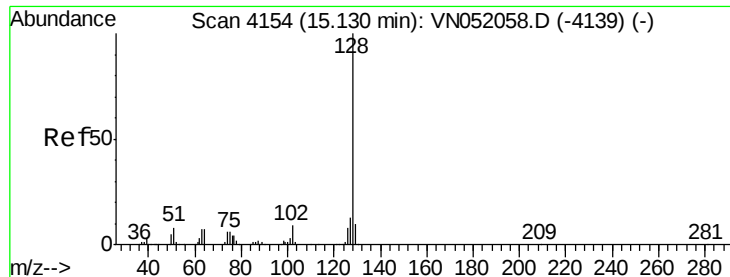
Tgt Ion:180 Resp: 179400
 Ion Ratio Lower Upper
 180 100
 182 92.9 49.1 147.4
 145 32.4 16.4 49.2



#94
 Hexachlorobutadiene
 Concen: 58.54 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052066.D
 Acq: 31 Oct 2018 11:12

Tgt Ion:225 Resp: 91809
 Ion Ratio Lower Upper
 225 100
 223 62.2 33.1 99.3
 227 61.5 32.6 97.8





#95

Naphthalene

Concen: 63.06 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

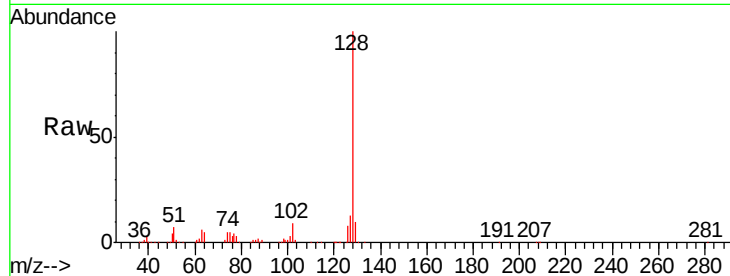
Tgt Ion:128 Resp: 443260

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

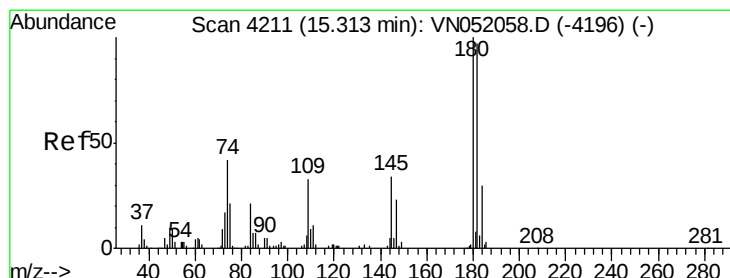
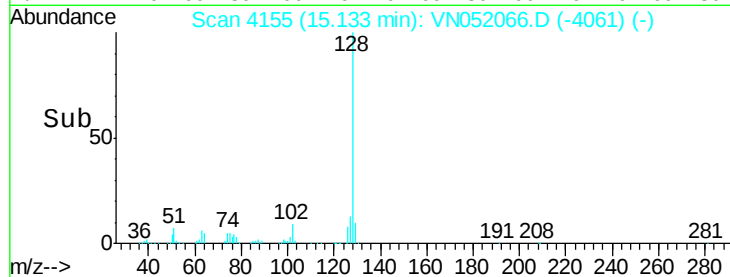
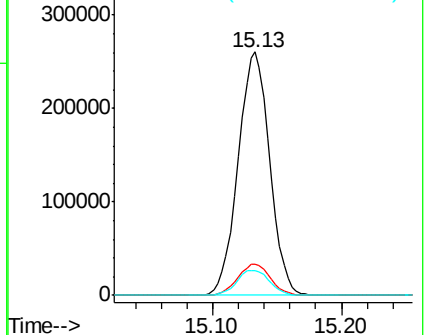
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 63.98 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052066.D

Acq: 31 Oct 2018 11:12

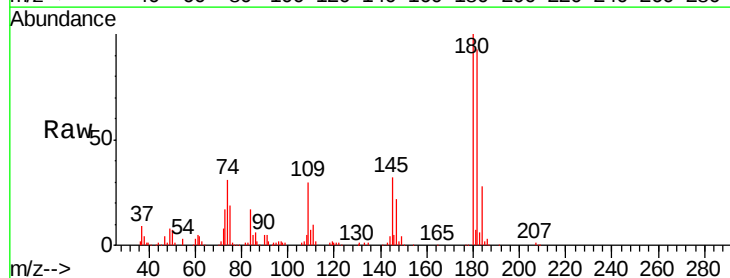
Tgt Ion:180 Resp: 154728

Ion Ratio Lower Upper

180 100

182 93.8 47.2 141.6

145 33.3 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

