

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050620.D
 Acq On : 14 Aug 2018 23:25
 Operator : MD\SY
 Sample : VN0814WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

Quant Time: Aug 15 07:25:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	639154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	925022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	860594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	424390	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	398897	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.59	113	371708	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.09	98	1391945	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.40	95	449443	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	136422	18.933	ug/l	98
3) Chloromethane	2.06	50	179071	20.095	ug/l	99
4) Vinyl Chloride	2.18	62	182225	19.037	ug/l	98
5) Bromomethane	2.56	94	103479	18.810	ug/l	99
6) Chloroethane	2.70	64	110144	19.747	ug/l	97
7) Trichlorofluoromethane	3.01	101	236678	18.844	ug/l	98
8) Diethyl Ether	3.41	74	79038	18.918	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144366	19.007	ug/l	99
10) Methyl Iodide	3.95	142	98527	22.661	ug/l	99
11) Tert butyl alcohol	4.79	59	44636	101.465	ug/l	99
12) 1,1-Dichloroethene	3.73	96	131266	18.928	ug/l	99
13) Acrolein	3.61	56	14767	81.336	ug/l	95
14) Allyl chloride	4.32	41	202952	18.813	ug/l	99
15) Acrylonitrile	4.99	53	239395	99.084	ug/l	99
16) Acetone	3.82	43	203594	100.340	ug/l	100
17) Carbon Disulfide	4.05	76	409773	18.776	ug/l	100
18) Methyl Acetate	4.33	43	117633	20.195	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	349858	19.821	ug/l	99
20) Methylene Chloride	4.55	84	158658	19.955	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	142740	18.985	ug/l	98
22) Diisopropyl ether	5.95	45	447719	20.243	ug/l	94
23) Vinyl Acetate	5.90	43	1446350	99.967	ug/l	99
24) 1,1-Dichloroethane	5.85	63	269291	18.817	ug/l	99
25) 2-Butanone	6.84	43	327756	99.221	ug/l	100
26) 2,2-Dichloropropane	6.83	77	184460	19.256	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	160434	19.163	ug/l	99
28) Bromochloromethane	7.20	49	128328	19.703	ug/l	99
29) Tetrahydrofuran	7.22	42	176365	102.254	ug/l	99
30) Chloroform	7.37	83	273593	18.865	ug/l	99
31) Cyclohexane	7.66	56	237392	19.225	ug/l #	92
32) 1,1,1-Trichloroethane	7.57	97	231066	18.928	ug/l	98
36) 1,1-Dichloropropene	7.79	75	203476	19.760	ug/l	100
37) Ethyl Acetate	6.93	43	124449	21.381	ug/l	98
38) Carbon Tetrachloride	7.78	117	206761	19.356	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	207681	19.481	ug/l	98
40) Benzene	8.04	78	627512	20.032	ug/l	100
41) Methacrylonitrile	7.18	41	53657	17.052	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	192134	20.012	ug/l	100
43) Isopropyl Acetate	8.17	43	216574	20.417	ug/l	100
44) Trichloroethene	8.84	130	164348	19.586	ug/l	98
45) 1,2-Dichloropropane	9.12	63	165960	19.900	ug/l	100
46) Dibromomethane	9.21	93	98006	19.902	ug/l	98
47) Bromodichloromethane	9.40	83	203257	19.311	ug/l	98
48) Methyl methacrylate	9.20	41	105141	19.699	ug/l	98
49) 1,4-Dioxane	9.20	88	29504	419.599	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	750274	104.584	ug/l	100
52) Toluene	10.16	92	384223	20.543	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	196901	20.084	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	228139	20.285	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	140510	20.109	ug/l	97
56) Ethyl methacrylate	10.43	69	162708	19.463	ug/l	99
57) 1,3-Dichloropropane	10.71	76	233510	20.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	383066	96.396	ug/l	99
59) 2-Hexanone	10.75	43	490587	105.954	ug/l	99
60) Dibromochloromethane	10.90	129	155290	20.137	ug/l	99
61) 1,2-Dibromoethane	11.01	107	134575	20.224	ug/l	100
64) Tetrachloroethene	10.63	164	155766	19.490	ug/l	99
65) Chlorobenzene	11.44	112	422431	19.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	154973	19.302	ug/l	100
67) Ethyl Benzene	11.51	91	690244	19.959	ug/l	100
68) m/p-Xylenes	11.62	106	540397	40.856	ug/l	99
69) o-Xylene	11.95	106	256014	20.299	ug/l	99
70) Styrene	11.97	104	418978	19.269	ug/l	100
71) Bromoform	12.13	173	104482	19.625	ug/l #	100
73) Isopropylbenzene	12.25	105	677393	20.429	ug/l	100
74) N-amyl acetate	12.07	43	174687	20.250	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	175061	21.412	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	199954	28.725	ug/l #	100
77) Bromobenzene	12.53	156	176852	19.645	ug/l	98
78) n-propylbenzene	12.59	91	765565	20.705	ug/l	99
79) 2-Chlorotoluene	12.68	91	472198	20.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	558973	21.055	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	38350	20.090	ug/l	98
82) 4-Chlorotoluene	12.77	91	471384	20.693	ug/l	100
83) tert-Butylbenzene	12.99	119	461973	20.047	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	567917	21.313	ug/l	100
85) sec-Butylbenzene	13.17	105	624661	20.742	ug/l	100
86) p-Isopropyltoluene	13.29	119	536154	21.011	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	304744	19.885	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	292368	19.221	ug/l	99
89) n-Butylbenzene	13.62	91	405083	19.658	ug/l	98
90) Hexachloroethane	13.88	117	98392	19.175	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	296819	19.852	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23844	20.155	ug/l	97

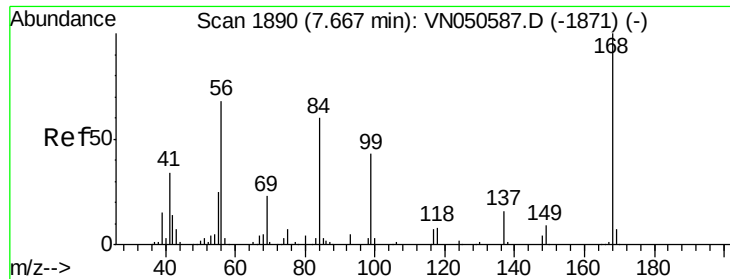
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	127077	18.350	ug/l	98
94) Hexachlorobutadiene	15.01	225	88991	19.413	ug/l	99
95) Naphthalene	15.13	128	258279	18.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	127077	18.981	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

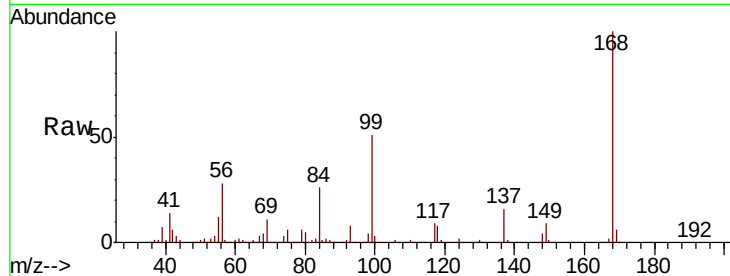
VN0814WBSD02

Tgt Ion:168 Resp: 639154

Ion Ratio Lower Upper

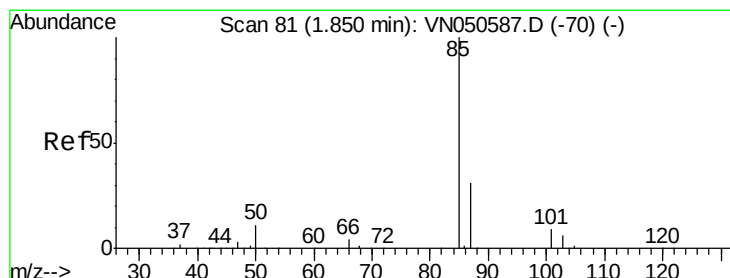
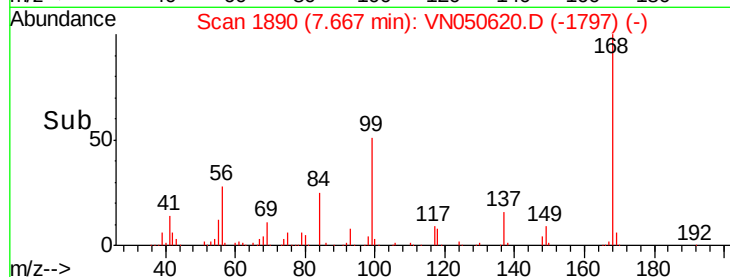
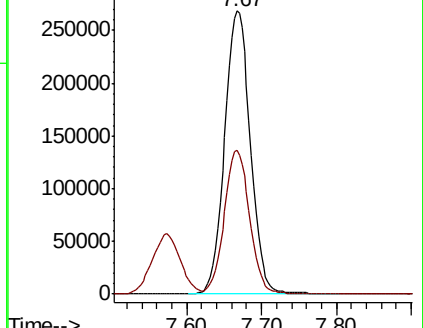
168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)



#2

Dichlorodifluoromethane

Concen: 18.933 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050620.D

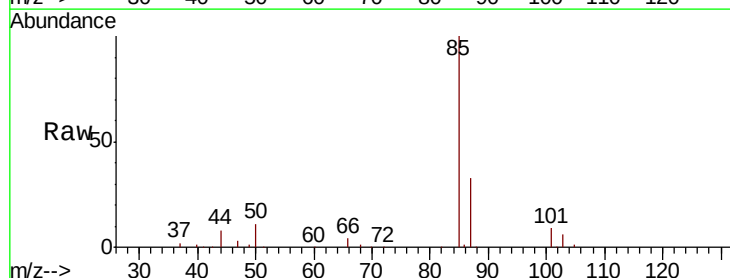
Acq: 14 Aug 2018 23:25

Tgt Ion: 85 Resp: 136422

Ion Ratio Lower Upper

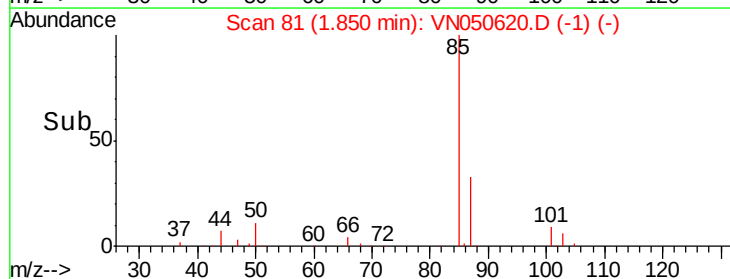
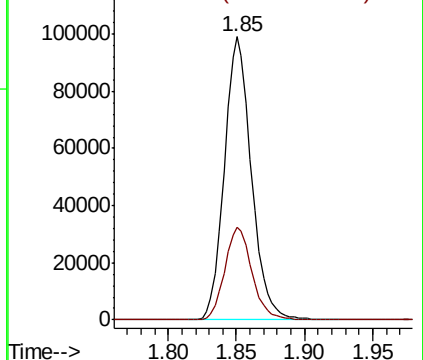
85 100

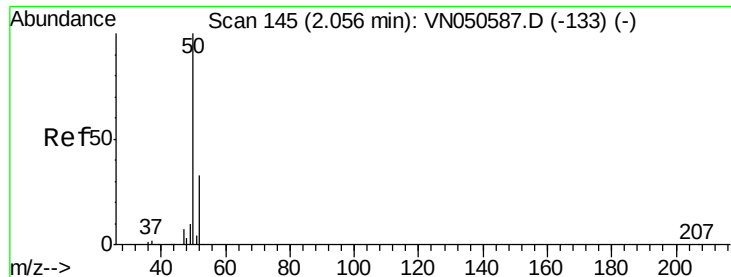
87 32.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN050587.D (-70) (-)

Ion 86.90 (86.60 to 87.60): VN050587.D (-70) (-)





#3

Chloromethane

Concen: 20.095 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

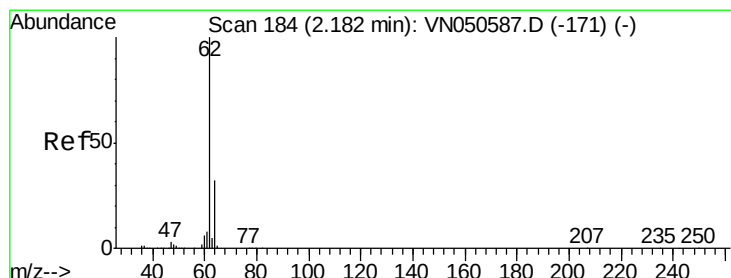
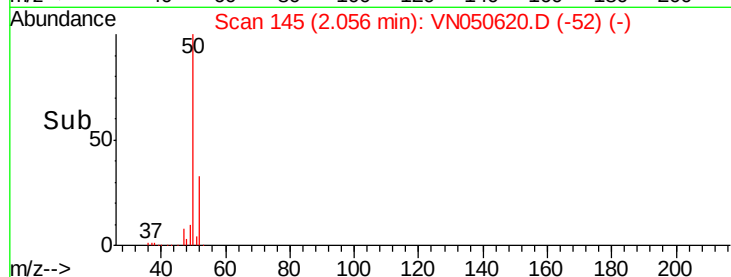
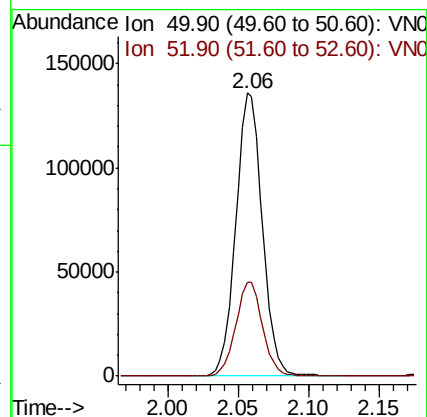
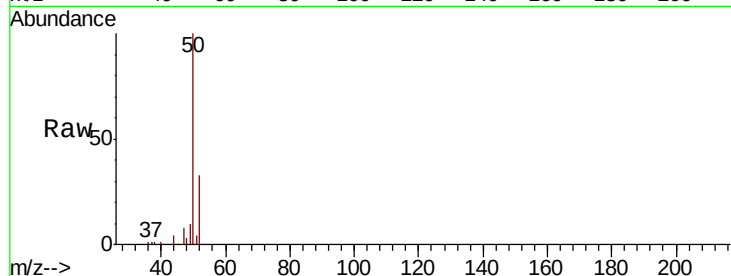
VN0814WBSD02

Tgt Ion: 50 Resp: 179071

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



#4

Vinyl Chloride

Concen: 19.037 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050620.D

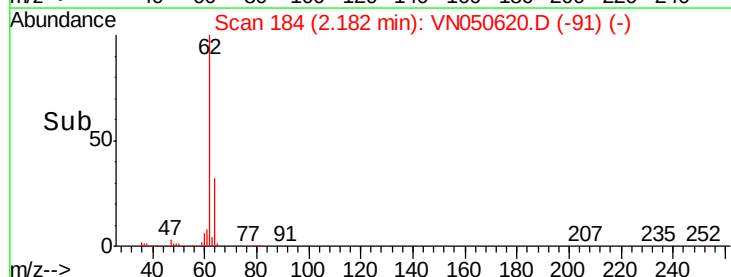
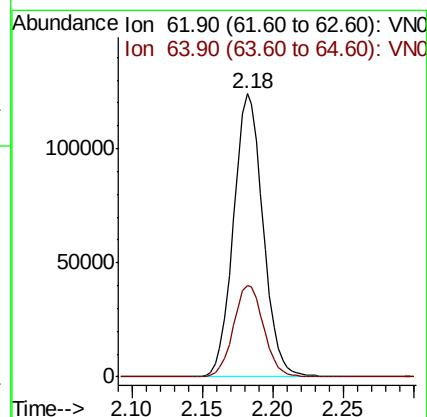
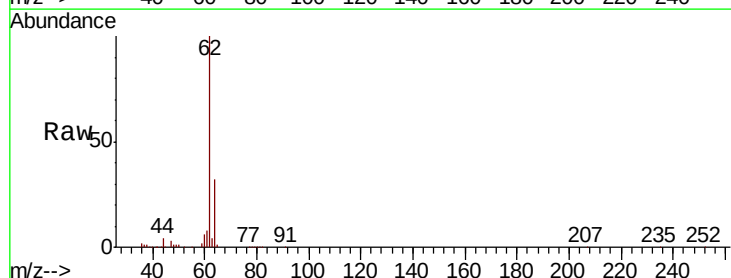
Acq: 14 Aug 2018 23:25

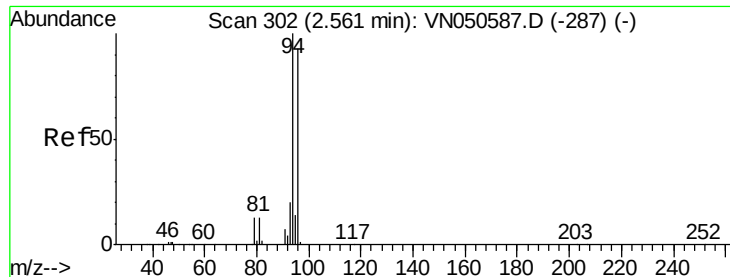
Tgt Ion: 62 Resp: 182225

Ion Ratio Lower Upper

62 100

64 32.5 25.2 37.8





#5

Bromomethane

Concen: 18.810 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

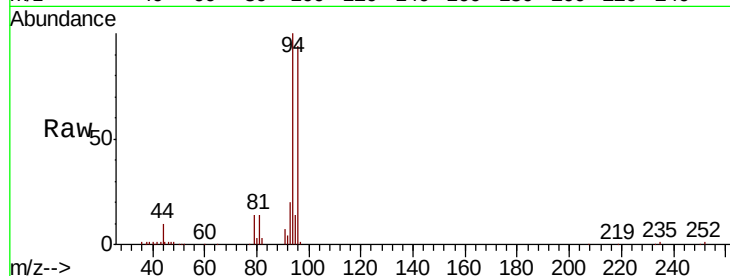
VN0814WBSD02

Tgt Ion: 94 Resp: 103479

Ion Ratio Lower Upper

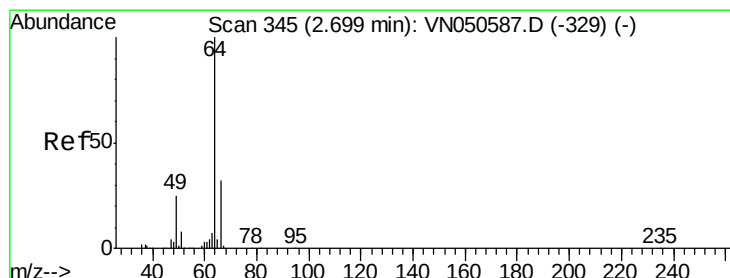
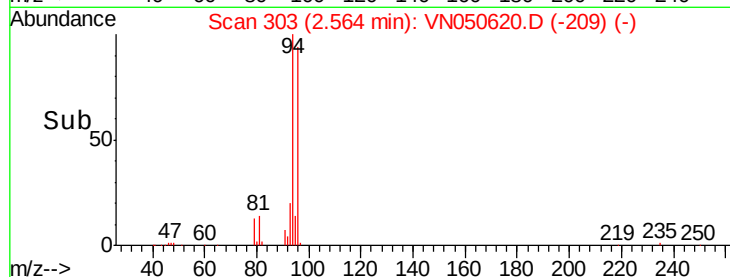
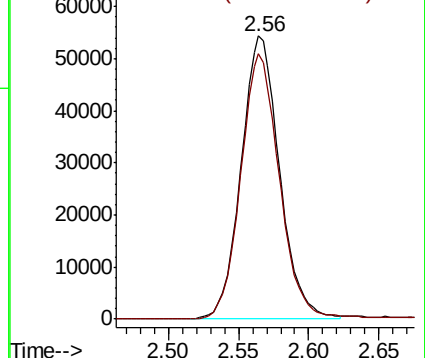
94 100

96 93.7 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.747 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050620.D

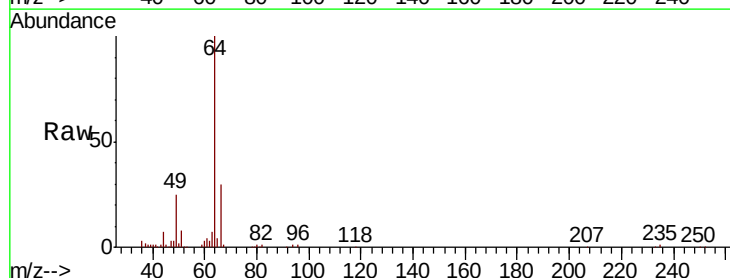
Acq: 14 Aug 2018 23:25

Tgt Ion: 64 Resp: 110144

Ion Ratio Lower Upper

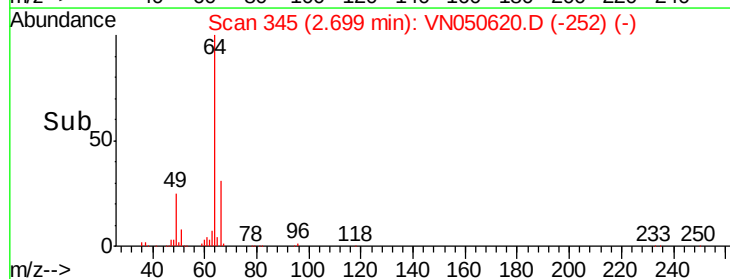
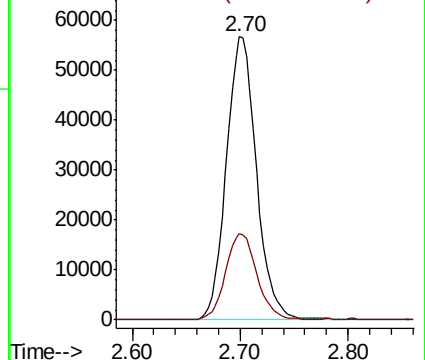
64 100

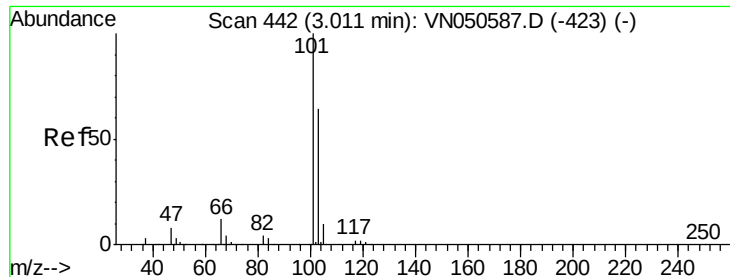
66 30.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



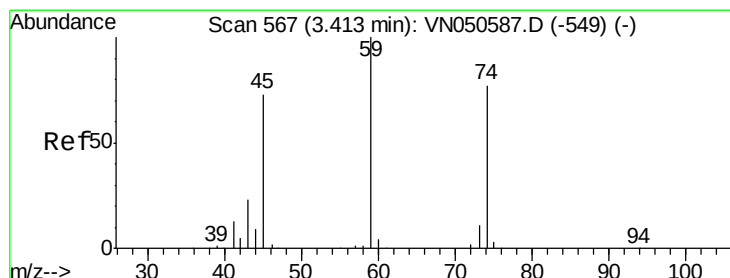
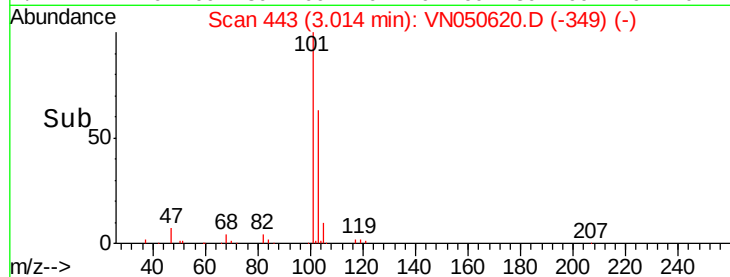
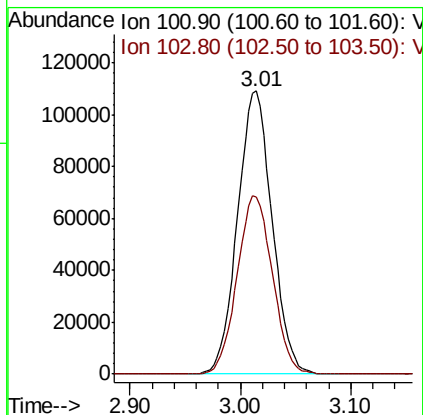
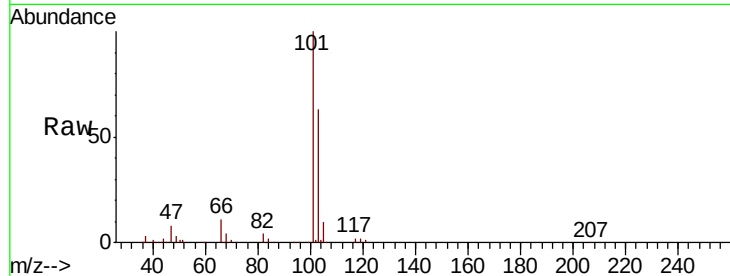


#7

Trichlorofluoromethane
 Concen: 18.844 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

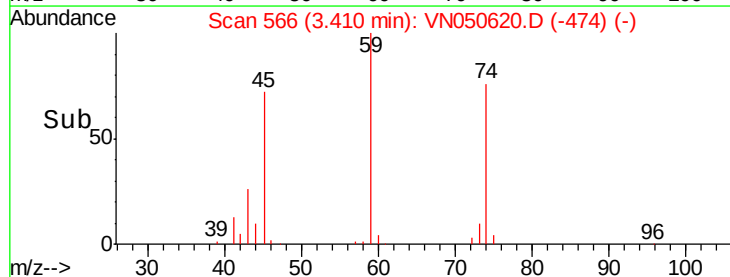
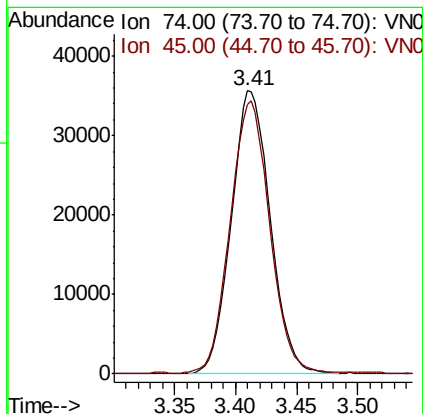
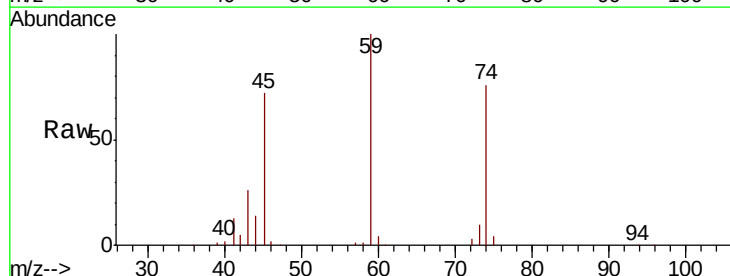
Tgt Ion:101 Resp: 236678
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.0

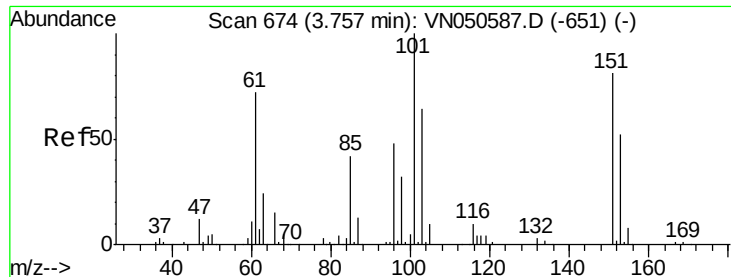


#8

Diethyl Ether
 Concen: 18.918 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion: 74 Resp: 79038
 Ion Ratio Lower Upper
 74 100
 45 98.2 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.007 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

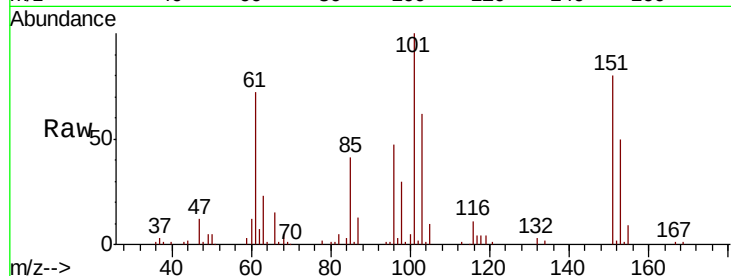
Tgt Ion:101 Resp: 144366

Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.0

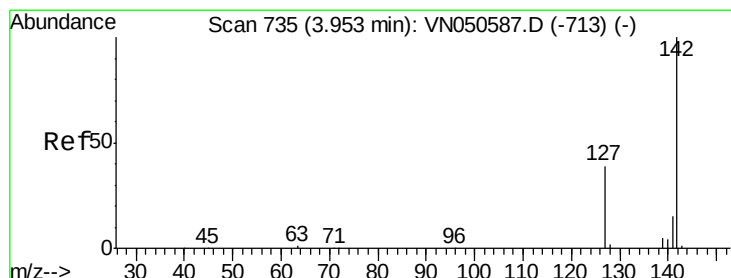
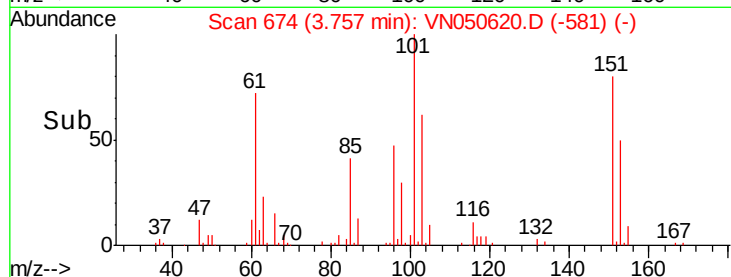
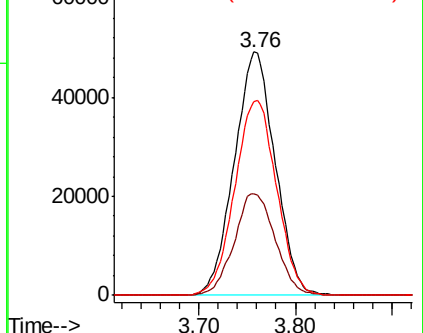
151 82.1 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.661 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

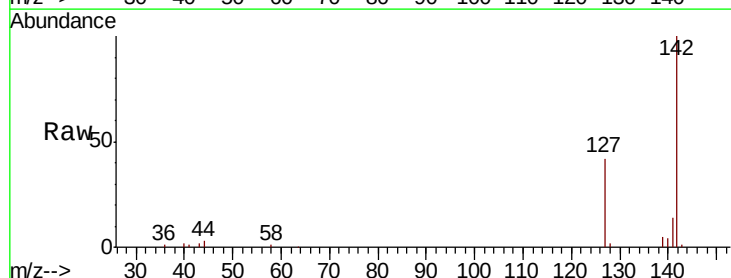
Tgt Ion:142 Resp: 98527

Ion Ratio Lower Upper

142 100

127 42.0 32.6 49.0

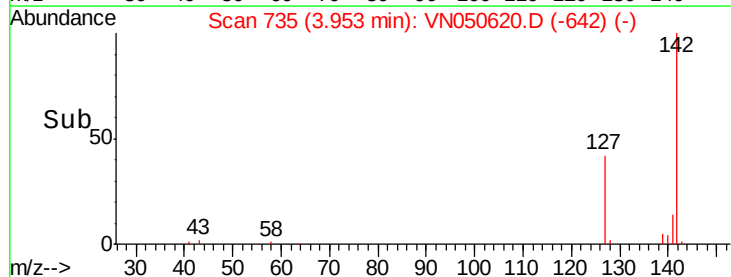
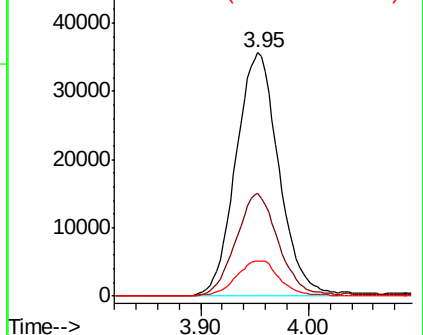
141 14.5 11.5 17.3

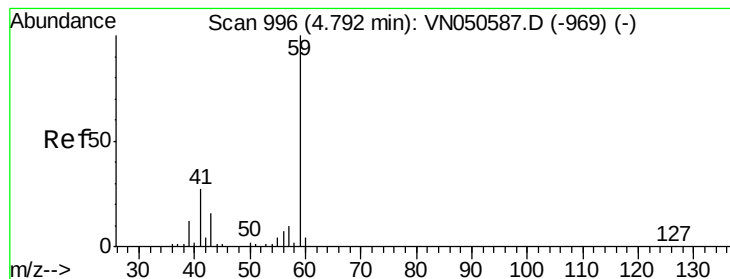


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



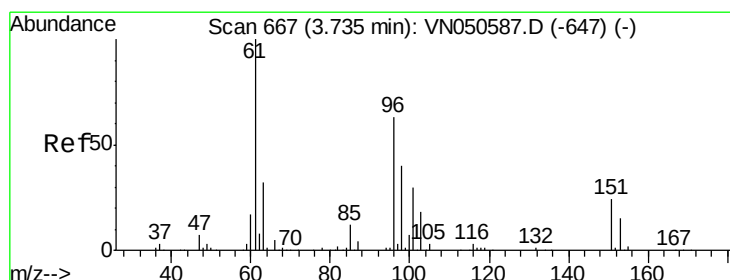
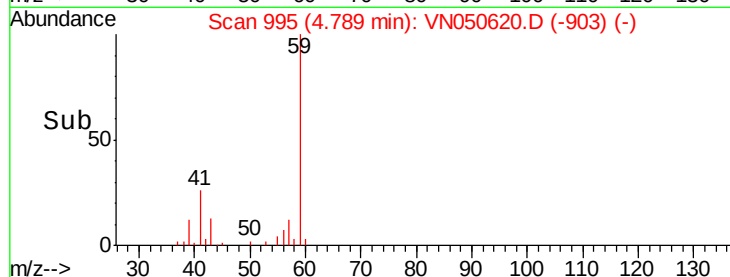
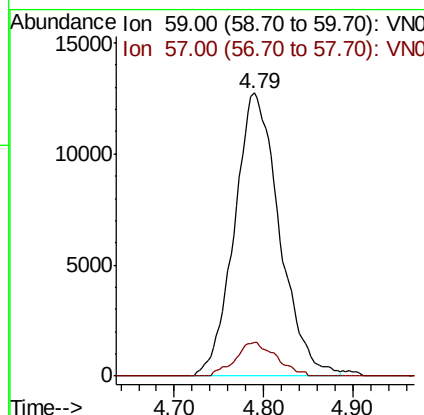
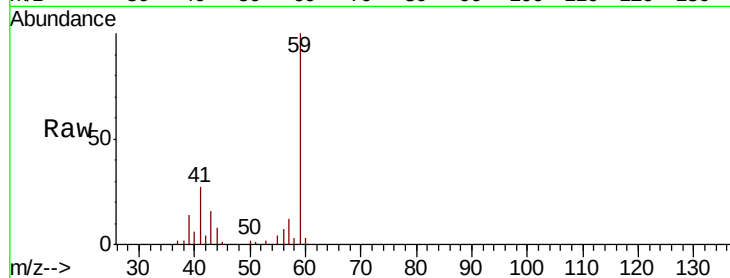


#11

Tert butyl alcohol
 Concen: 101.465 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

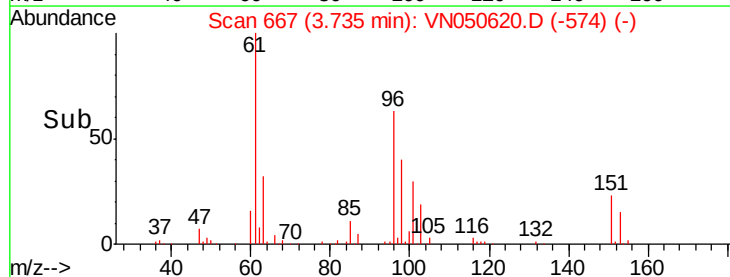
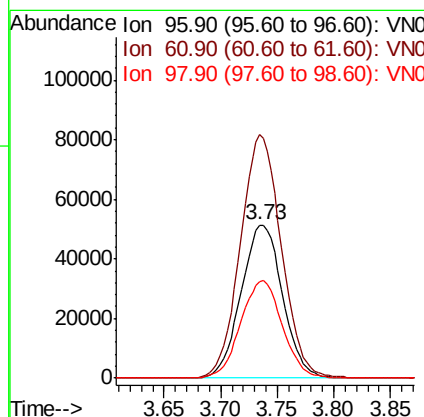
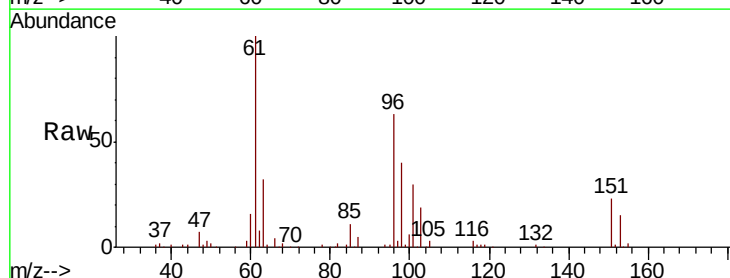
Tgt Ion: 59 Resp: 44636
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.4 12.6

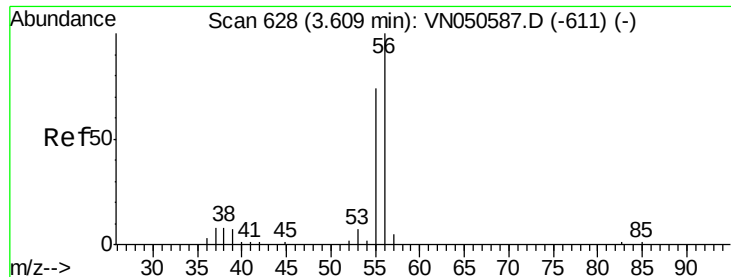


#12

1,1-Dichloroethene
 Concen: 18.928 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion: 96 Resp: 131266
 Ion Ratio Lower Upper
 96 100
 61 158.9 126.9 190.3
 98 62.8 51.1 76.7





#13

Acrolein

Concen: 81.336 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

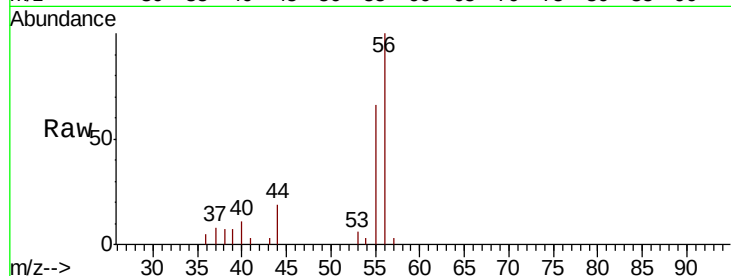
VN0814WBSD02

Tgt Ion: 56 Resp: 14767

Ion Ratio Lower Upper

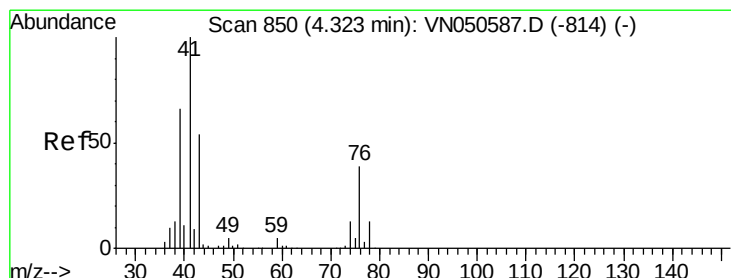
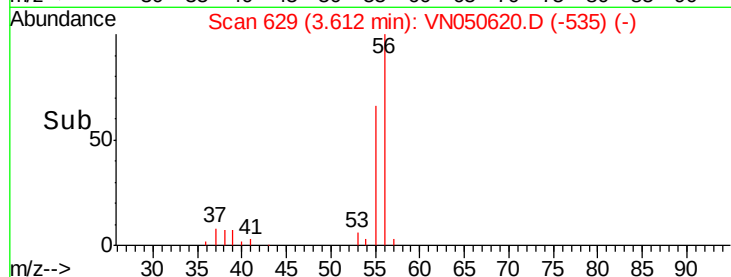
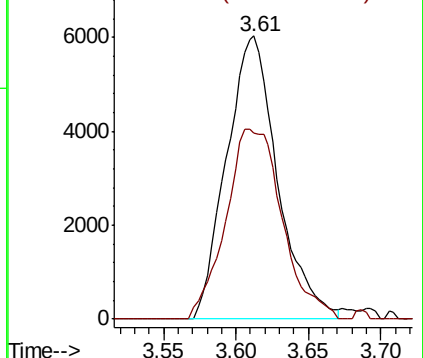
56 100

55 74.2 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.813 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

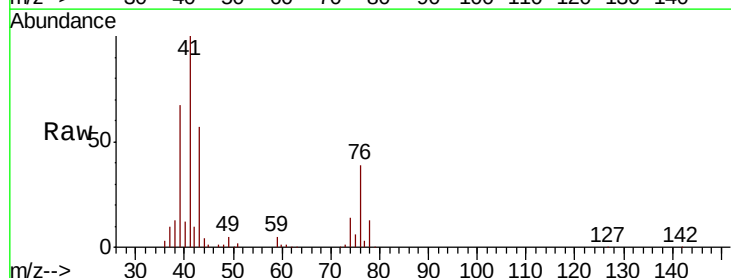
Tgt Ion: 41 Resp: 202952

Ion Ratio Lower Upper

41 100

39 63.7 51.4 77.0

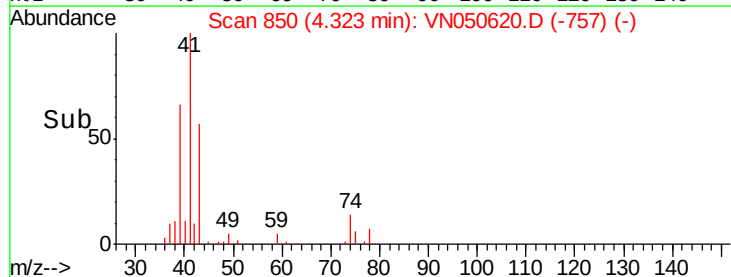
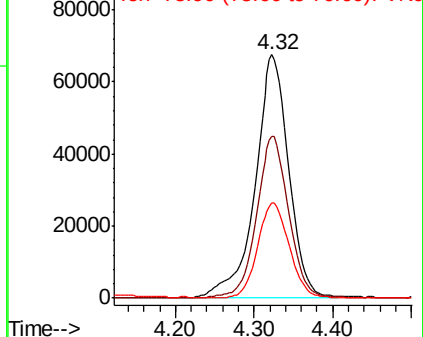
76 37.0 29.4 44.0

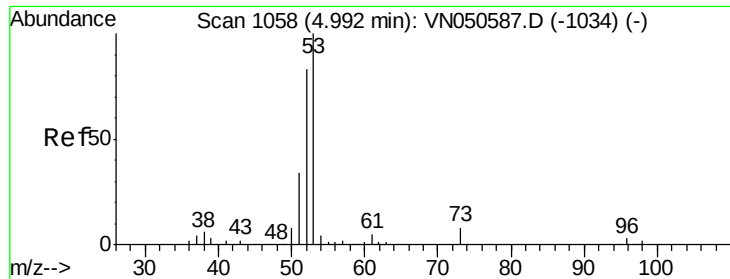


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.084 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampled :

VN0814WBSD02

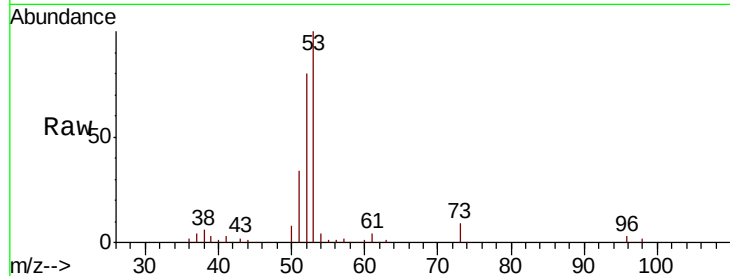
Tgt Ion: 53 Resp: 239395

Ion Ratio Lower Upper

53 100

52 81.3 66.2 99.2

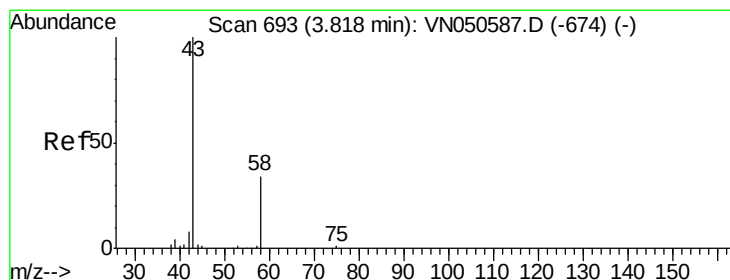
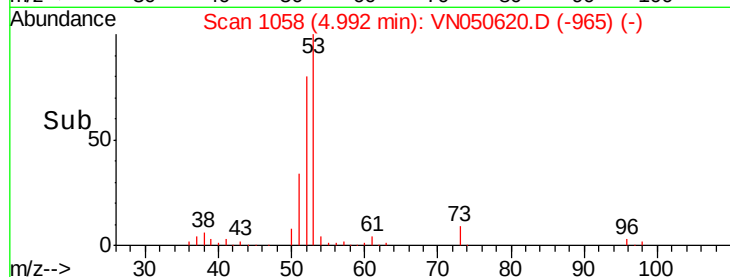
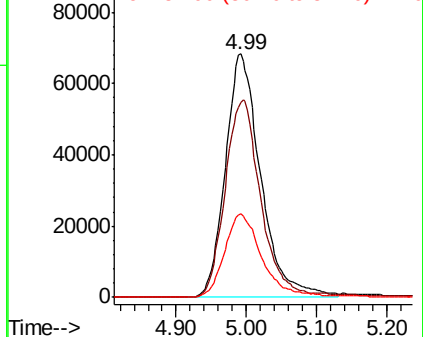
51 36.0 28.6 43.0



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: 100.340 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050620.D

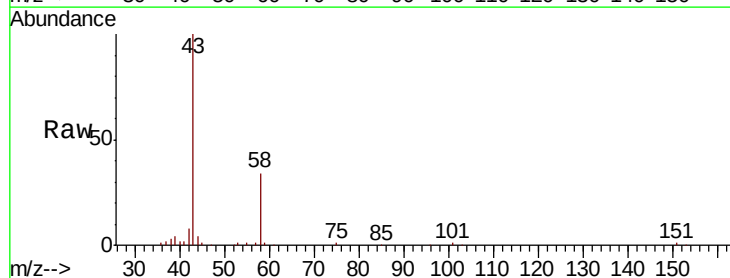
Acq: 14 Aug 2018 23:25

Tgt Ion: 43 Resp: 203594

Ion Ratio Lower Upper

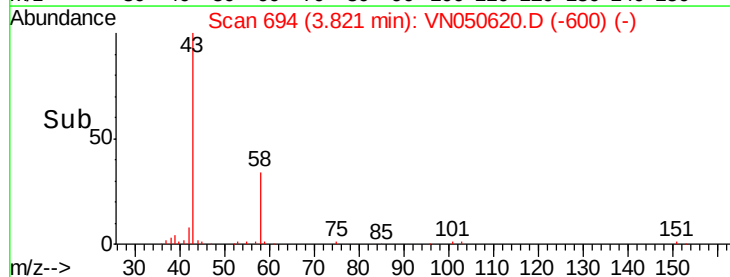
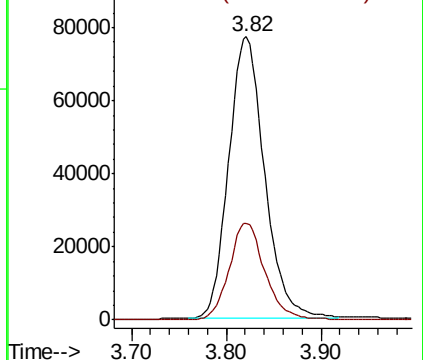
43 100

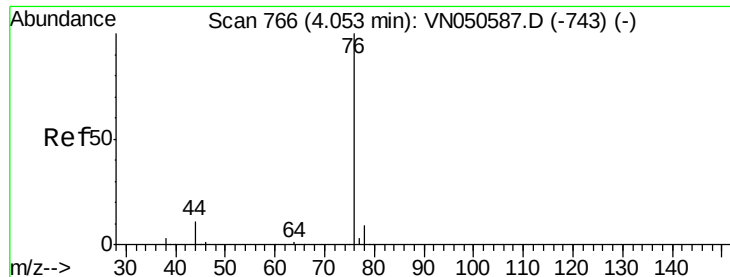
58 34.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

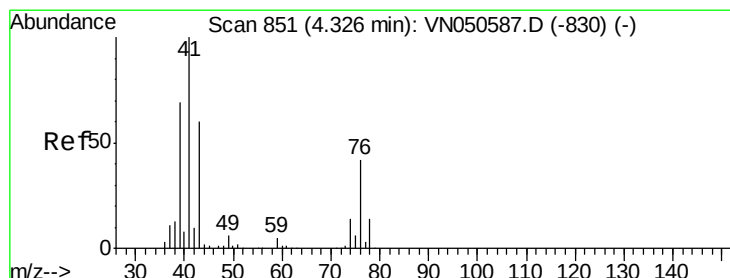
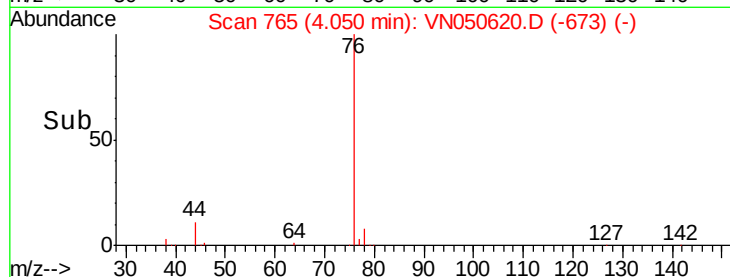
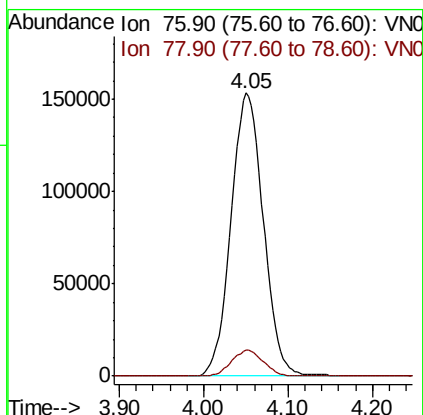
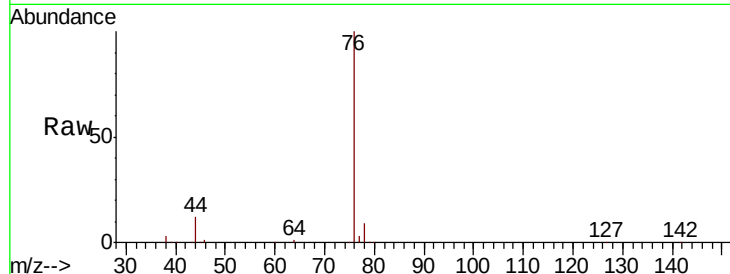




#17
Carbon Disulfide
Concen: 18.776 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

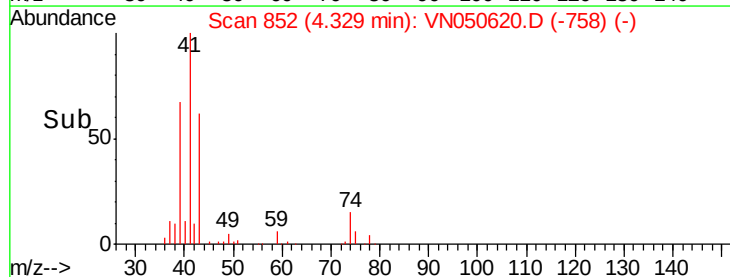
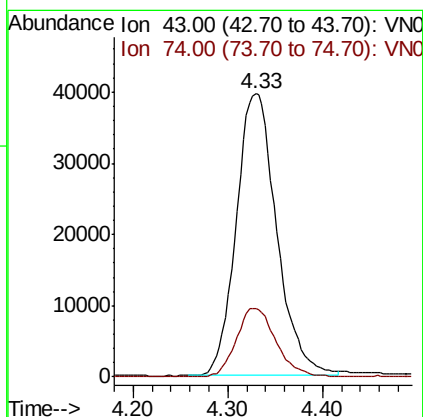
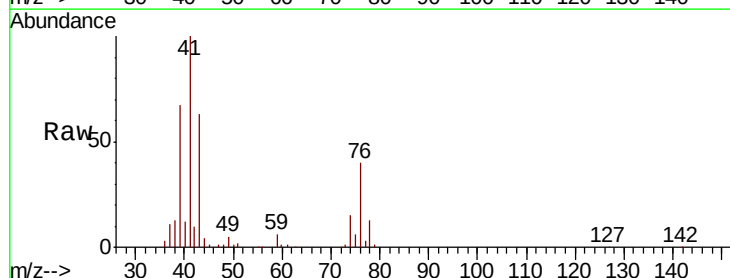
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

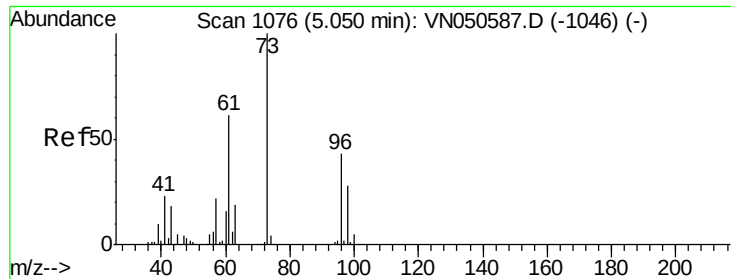
Tgt Ion: 76 Resp: 409773
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 20.195 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion: 43 Resp: 117633
Ion Ratio Lower Upper
43 100
74 23.8 19.7 29.5

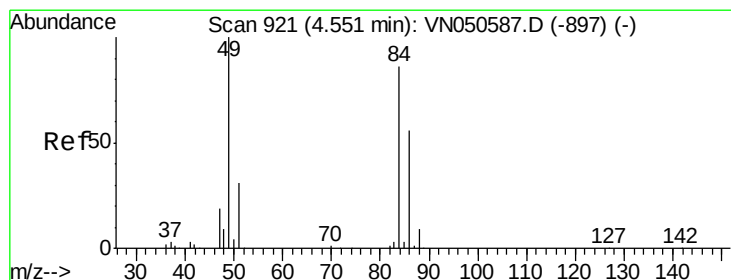
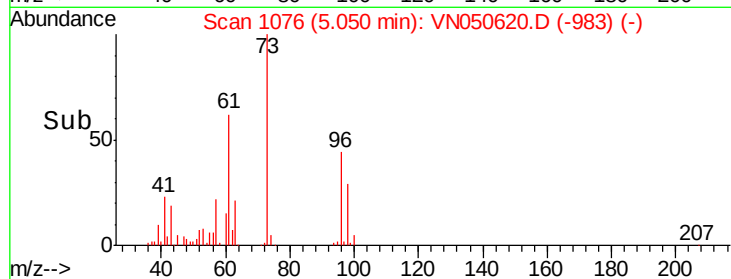
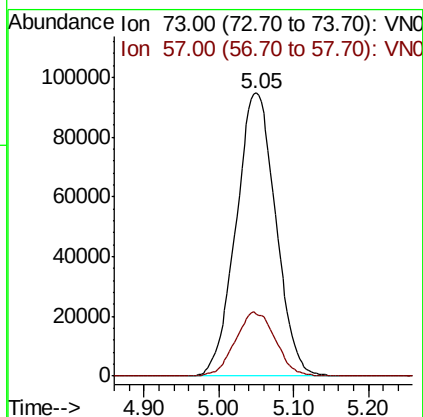
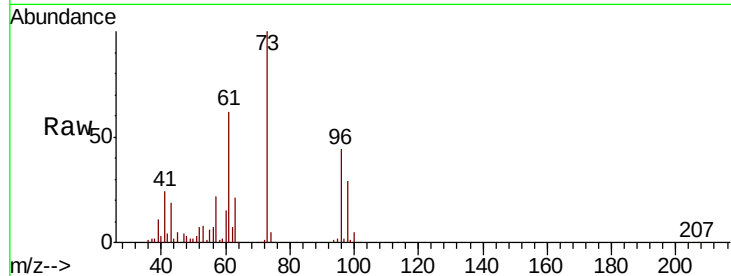




#19
Methyl tert-butyl Ether
Concen: 19.821 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

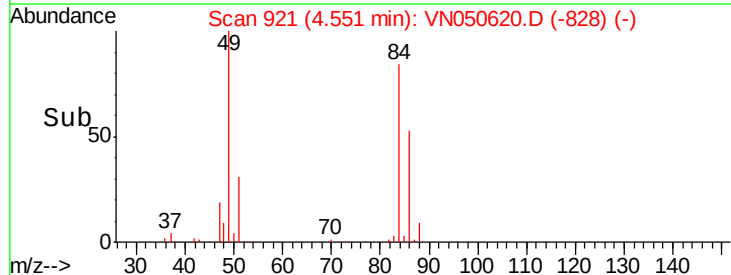
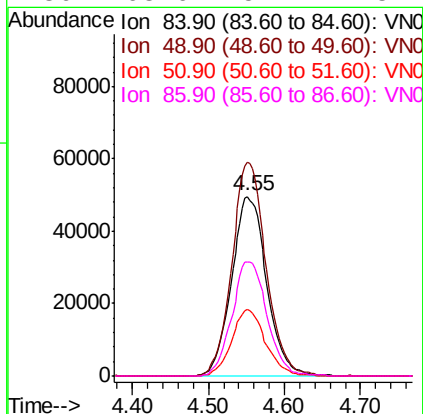
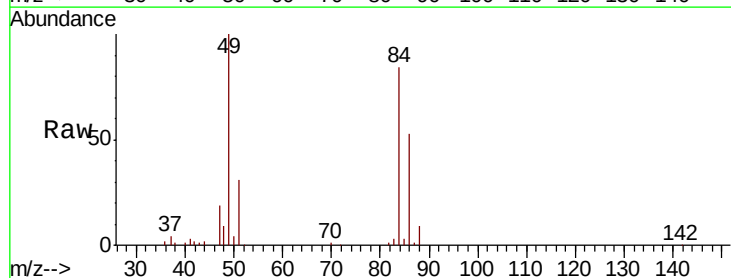
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

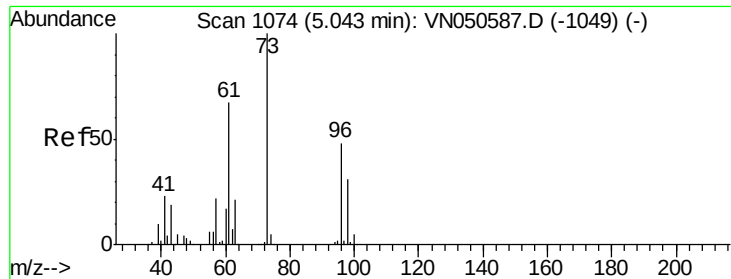
Tgt Ion: 73 Resp: 349858
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 19.955 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion: 84 Resp: 158658
Ion Ratio Lower Upper
84 100
49 118.9 92.6 138.8
51 37.1 28.6 43.0
86 63.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.985 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

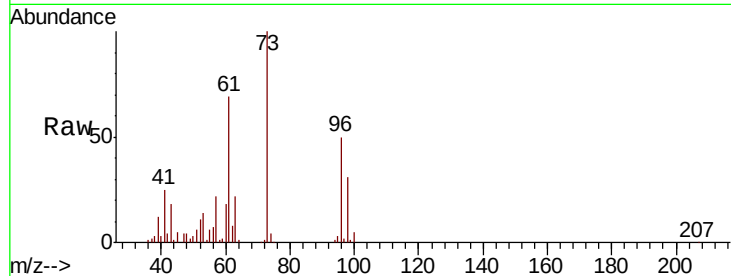
Tgt Ion: 96 Resp: 142740

Ion Ratio Lower Upper

96 100

61 138.3 111.2 166.8

98 61.7 51.6 77.4

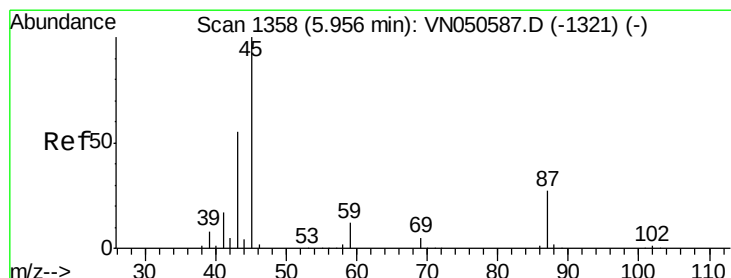
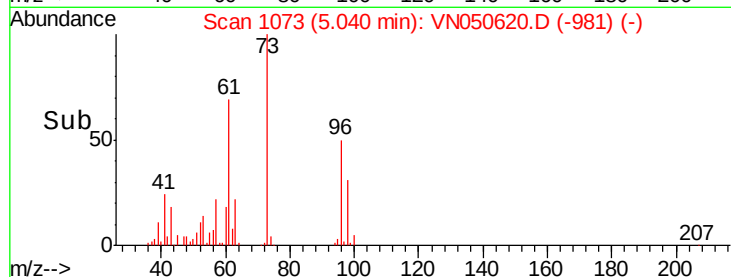
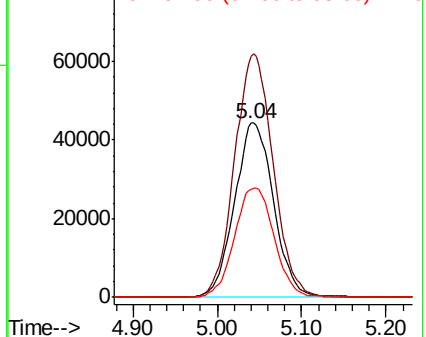


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.243 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Tgt Ion: 45 Resp: 447719

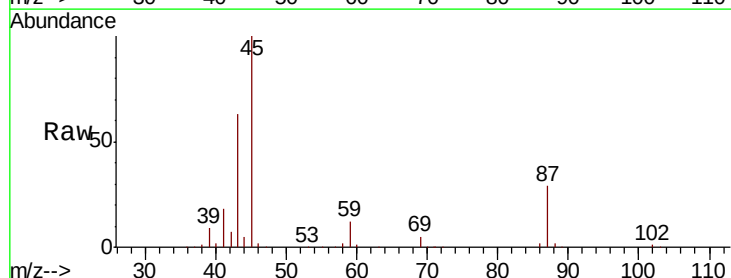
Ion Ratio Lower Upper

45 100

43 61.9 44.5 66.7

87 28.8 22.2 33.2

59 11.7 9.5 14.3



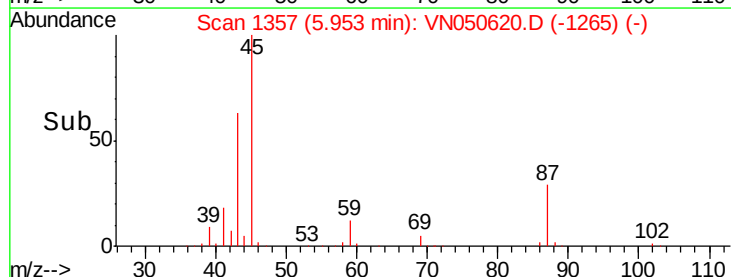
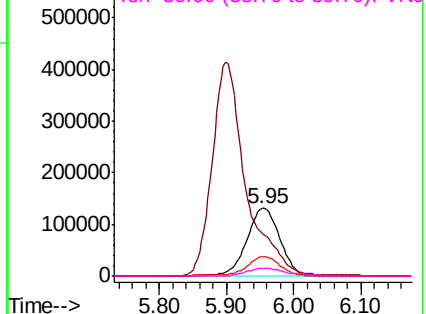
Abundance

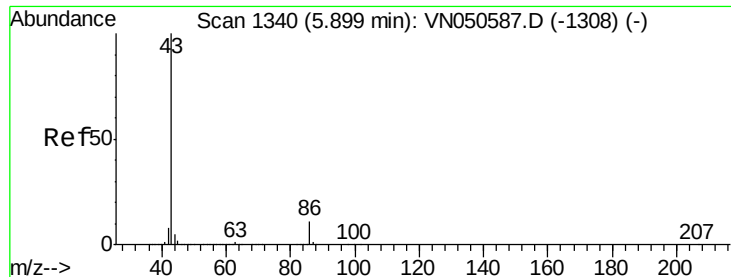
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 99.967 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

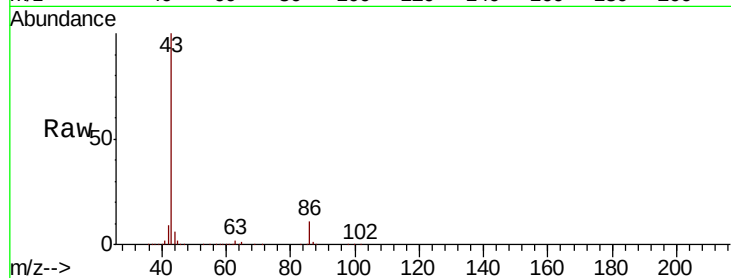
VN0814WBSD02

Tgt Ion: 43 Resp: 1446350

Ion Ratio Lower Upper

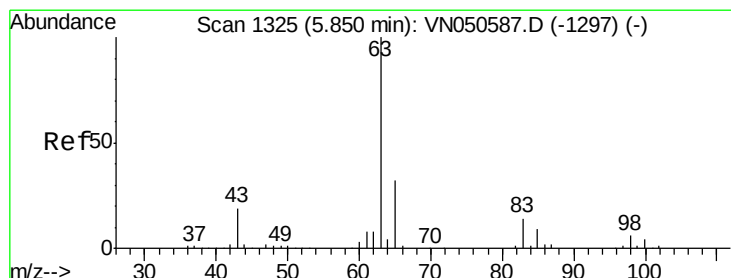
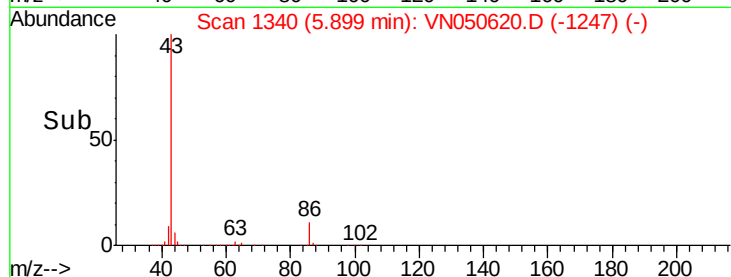
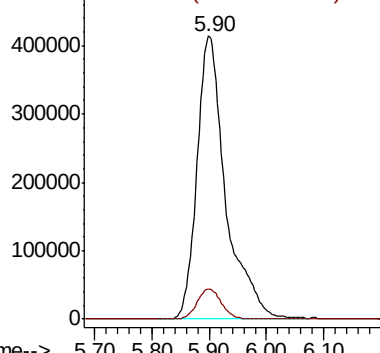
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.817 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

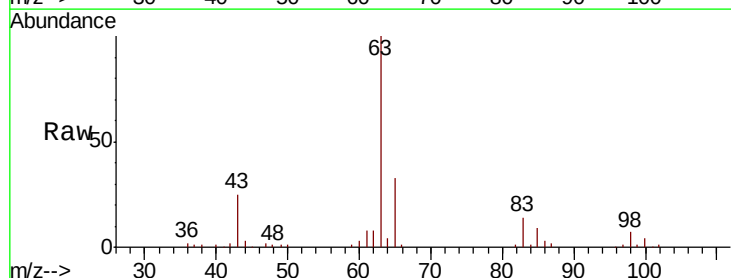
Tgt Ion: 63 Resp: 269291

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

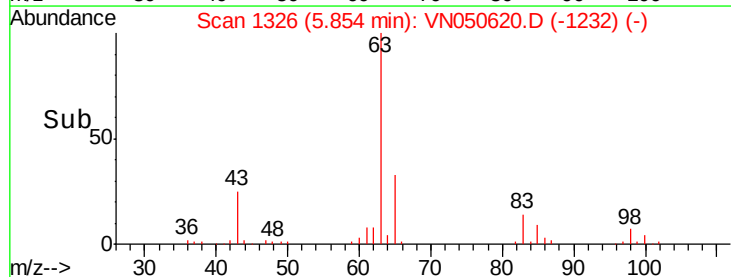
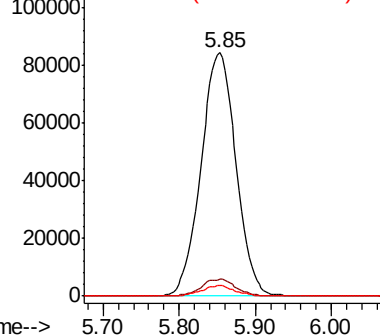
100 4.2 2.1 6.5

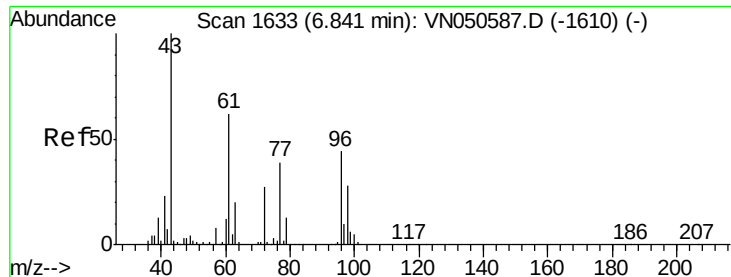


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

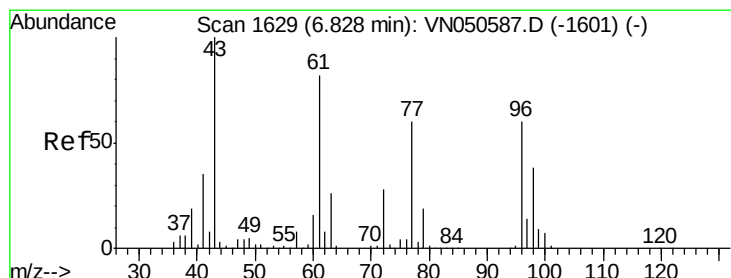
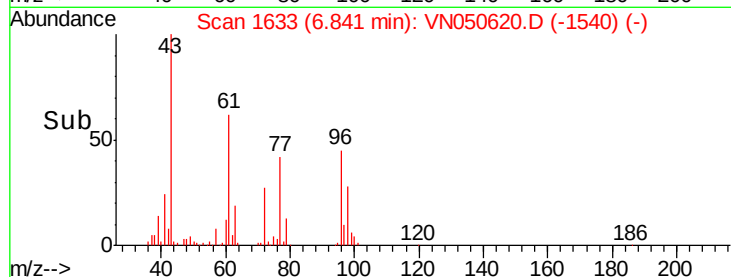
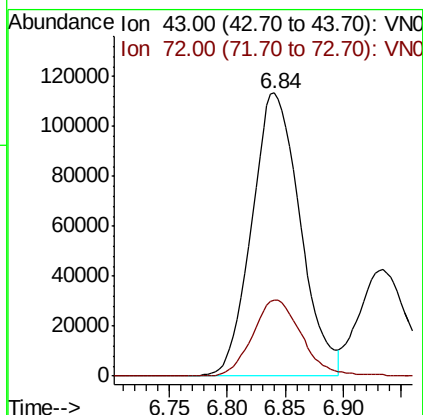
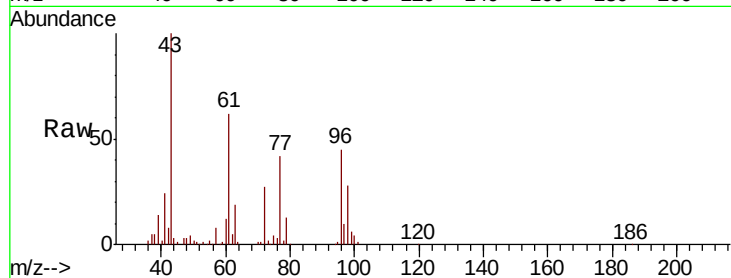




#25
 2-Butanone
 Concen: 99.221 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

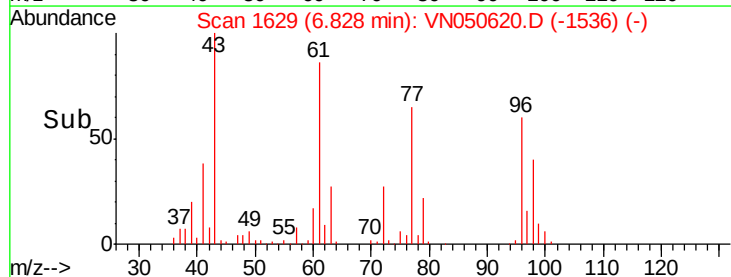
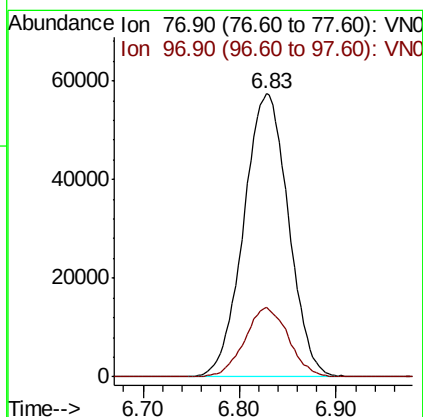
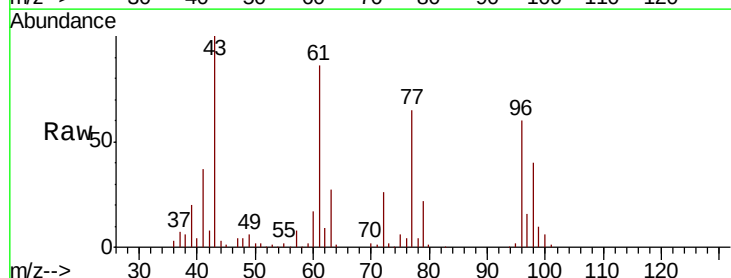
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

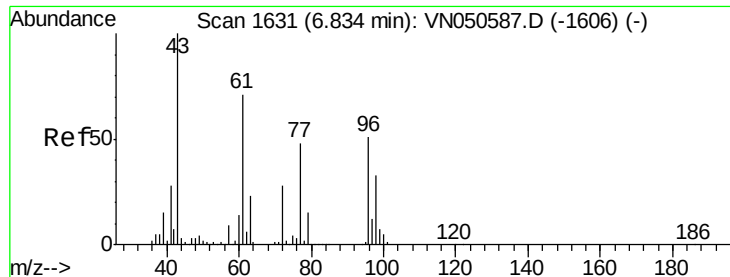
Tgt Ion: 43 Resp: 327756
 Ion Ratio Lower Upper
 43 100
 72 27.1 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 19.256 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion: 77 Resp: 184460
 Ion Ratio Lower Upper
 77 100
 97 23.9 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 19.163 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampled :

VN0814WBSD02

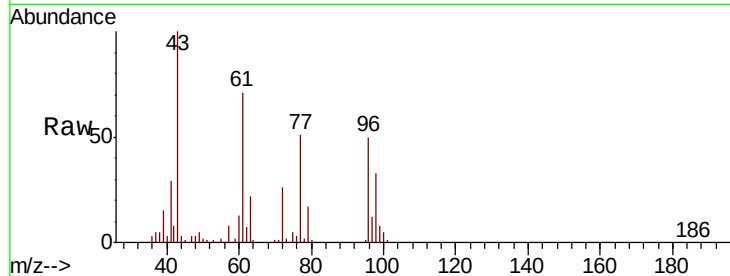
Tgt Ion: 96 Resp: 160434

Ion Ratio Lower Upper

96 100

61 140.7 0.0 278.2

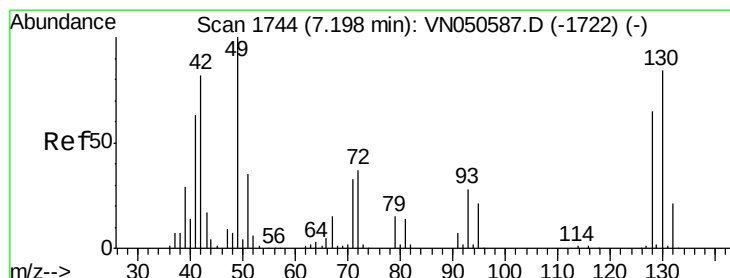
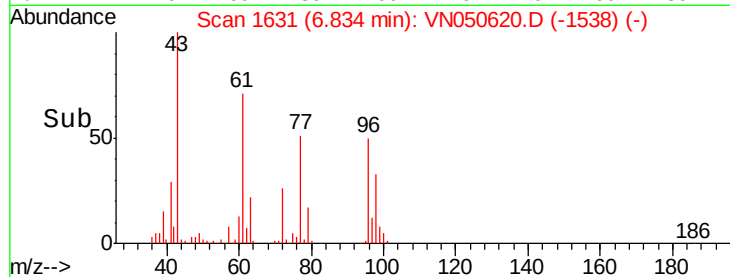
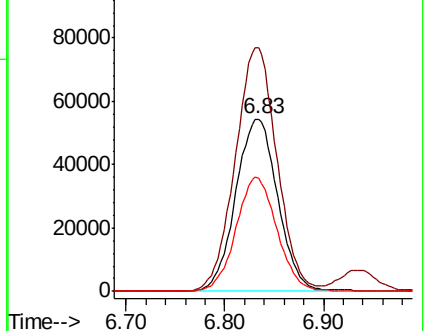
98 64.6 0.0 128.8



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



#28

Bromochloromethane

Concen: 19.703 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

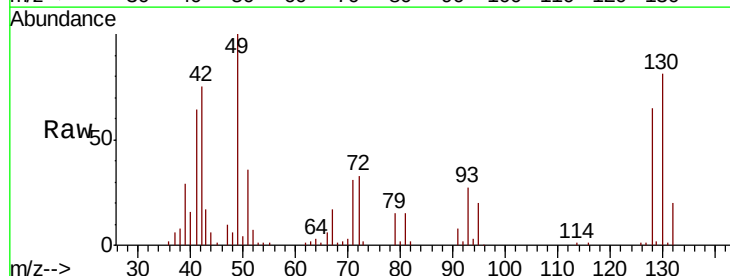
Tgt Ion: 49 Resp: 128328

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

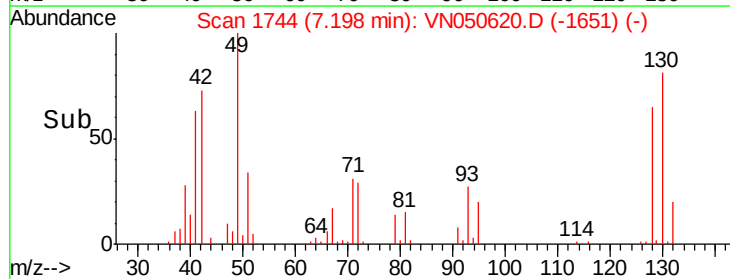
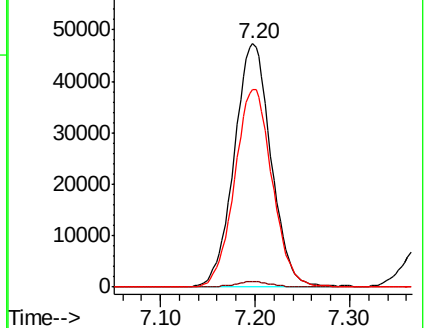
130 82.4 66.8 100.2

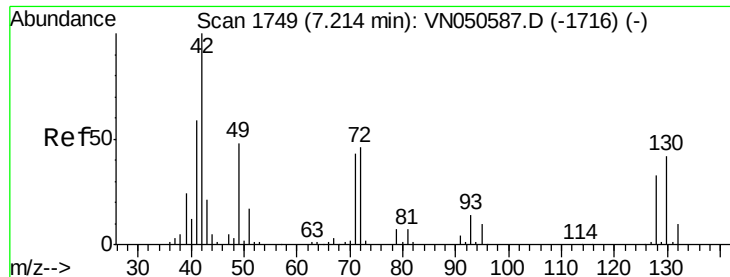


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 102.254 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

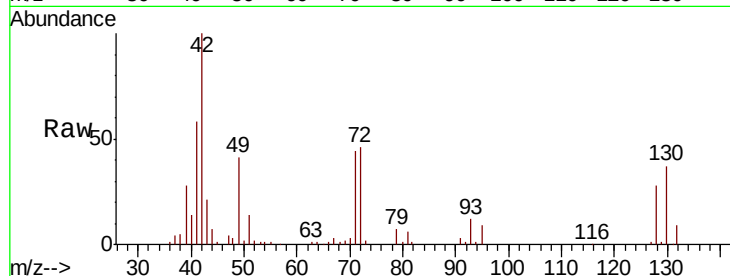
Tgt Ion: 42 Resp: 176365

Ion Ratio Lower Upper

42 100

72 43.9 35.8 53.6

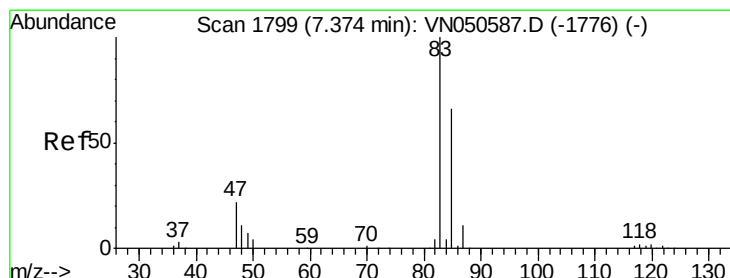
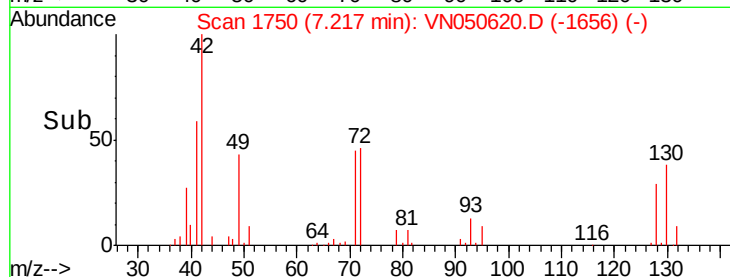
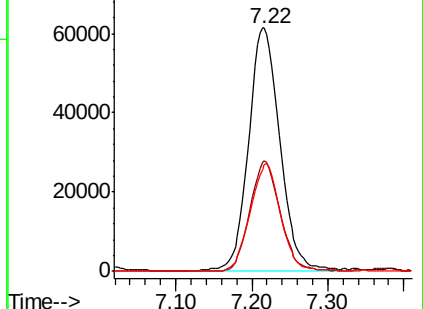
71 42.7 33.4 50.0



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: 18.865 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050620.D

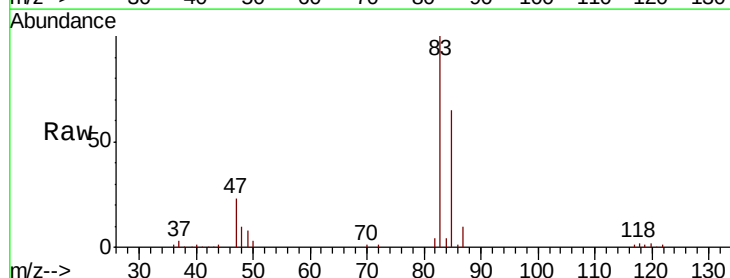
Acq: 14 Aug 2018 23:25

Tgt Ion: 83 Resp: 273593

Ion Ratio Lower Upper

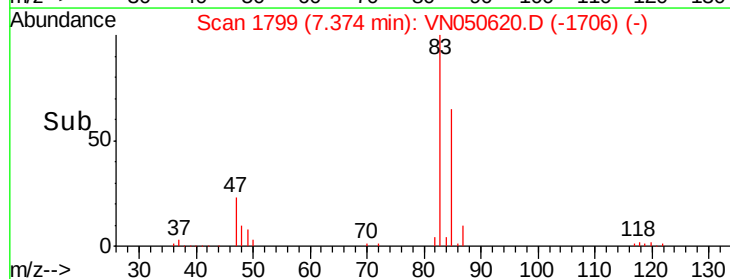
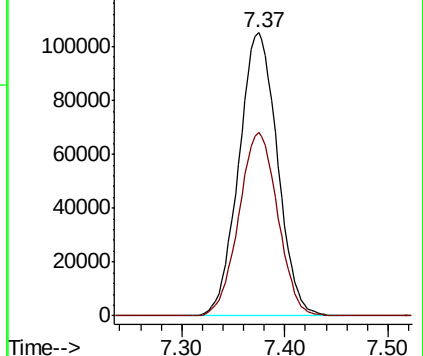
83 100

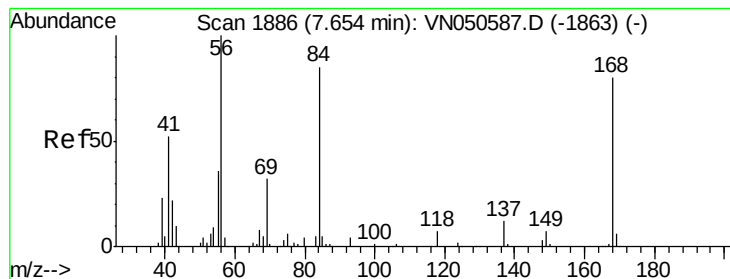
85 65.0 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.225 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

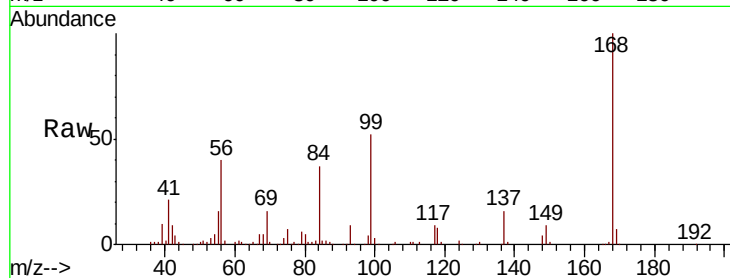
Tgt Ion: 56 Resp: 237392

Ion Ratio Lower Upper

56 100

69 39.0 25.8 38.6#

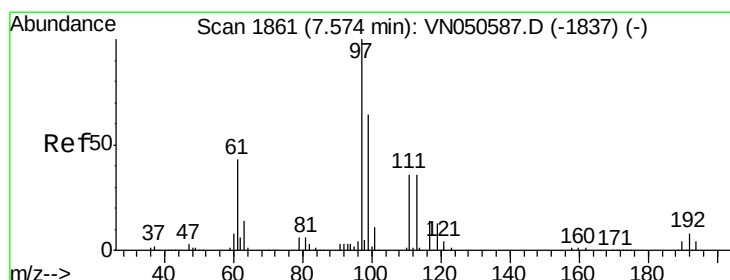
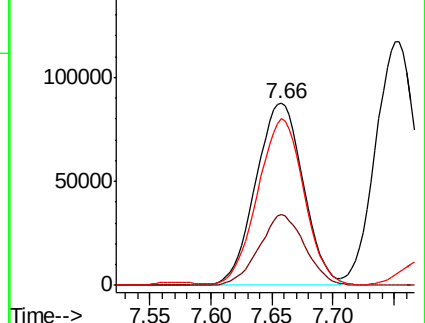
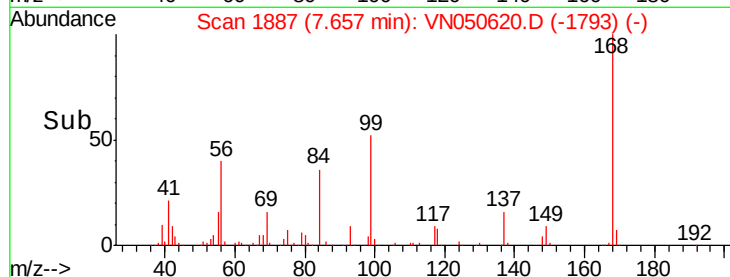
84 90.1 67.8 101.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.928 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

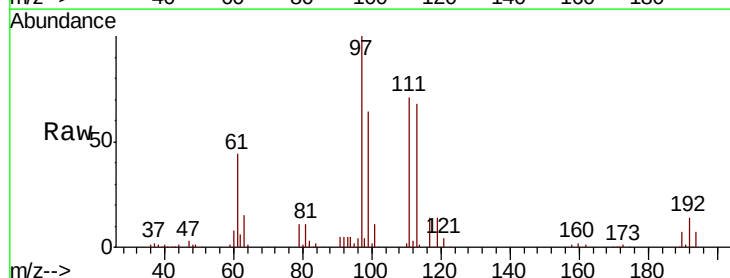
Tgt Ion: 97 Resp: 231066

Ion Ratio Lower Upper

97 100

99 65.4 51.1 76.7

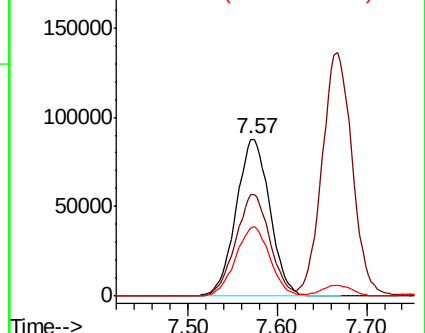
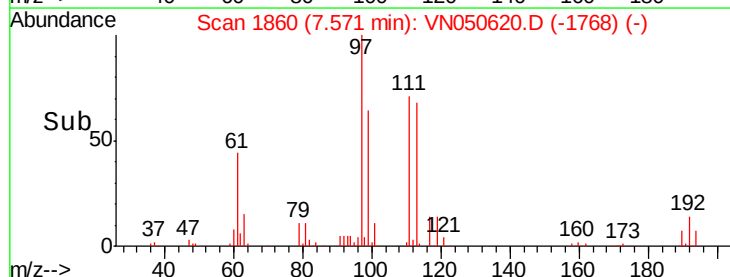
61 44.6 34.8 52.2

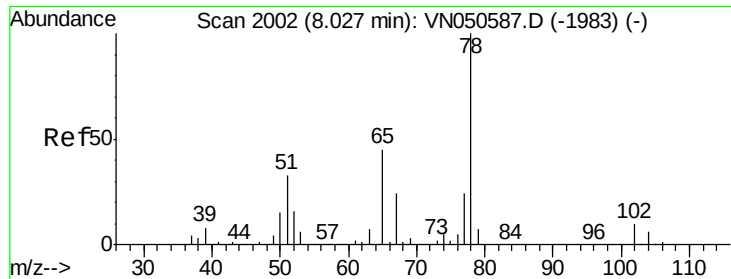


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

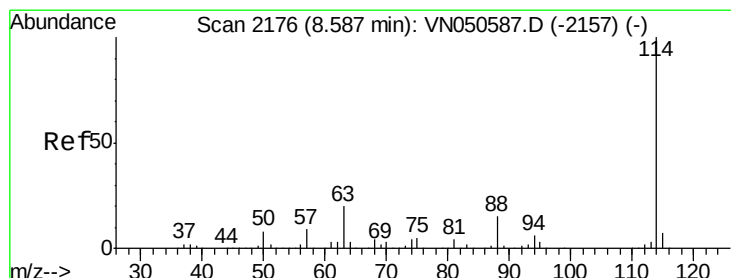
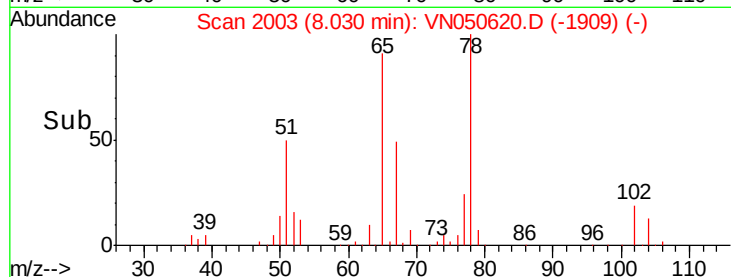
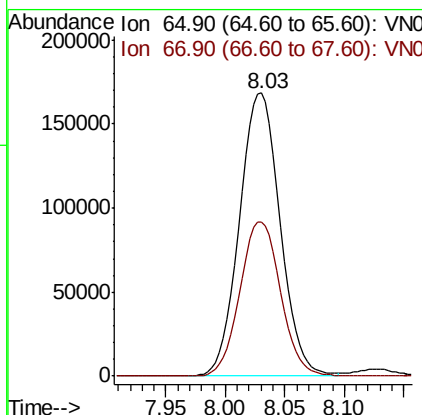
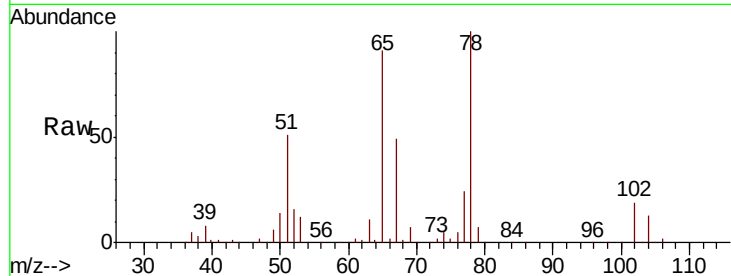




#33
 1,2-Dichloroethane-d4
 Concen: 49.512 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

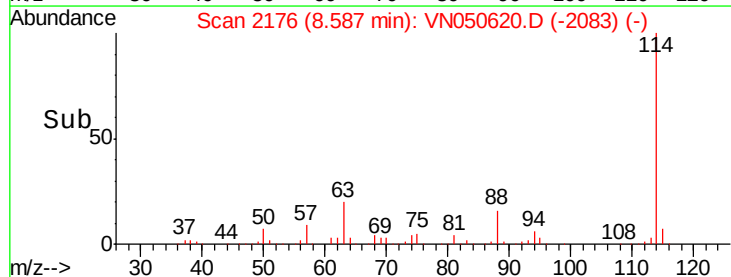
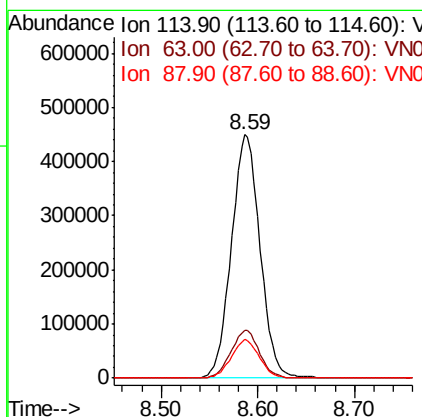
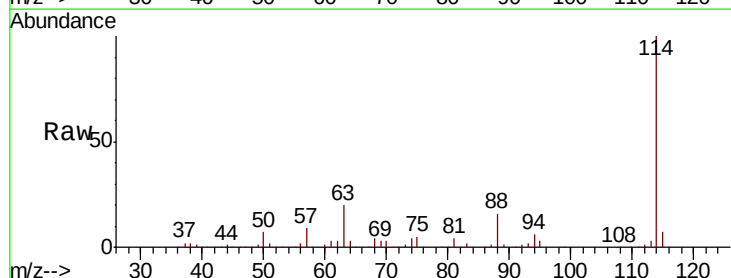
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

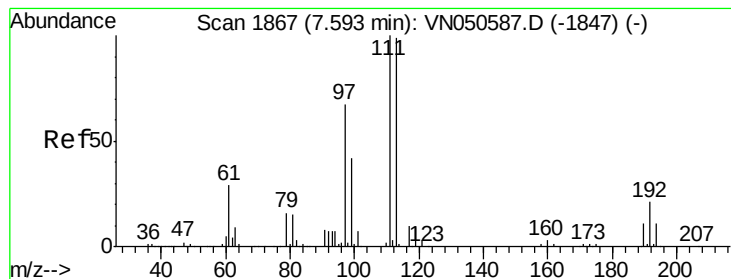
Tgt Ion: 65 Resp: 398897
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion: 114 Resp: 925022
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.332 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

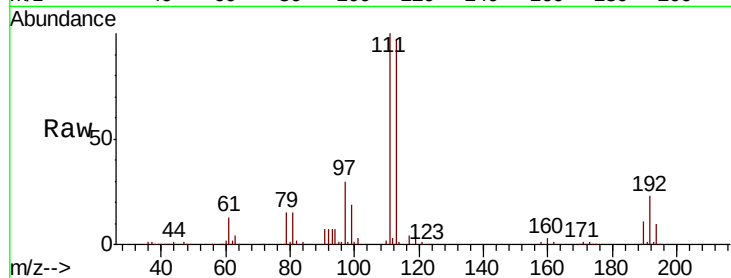
Tgt Ion:113 Resp: 371708

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.6

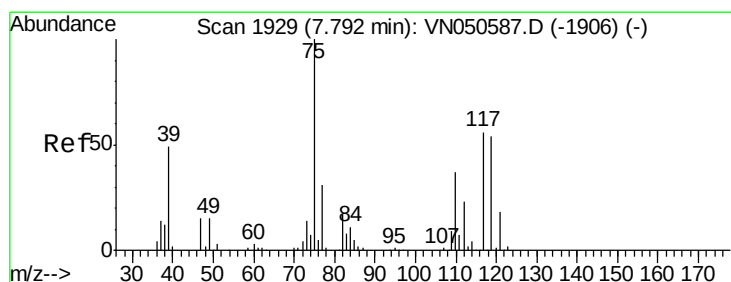
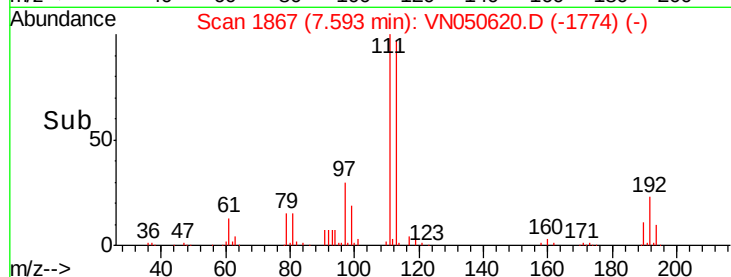
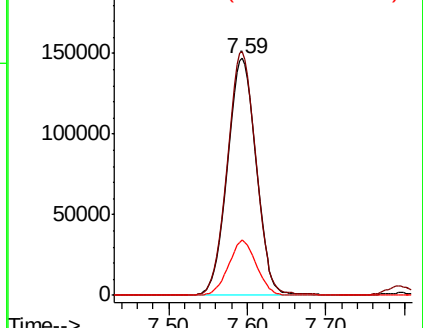
192 22.5 17.6 26.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.760 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

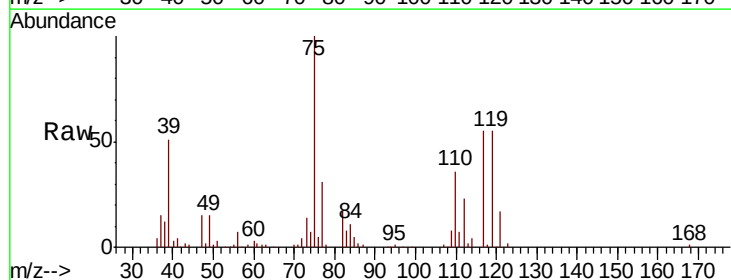
Tgt Ion: 75 Resp: 203476

Ion Ratio Lower Upper

75 100

110 36.9 18.3 54.9

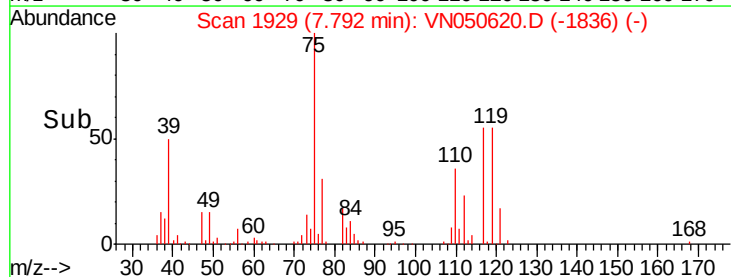
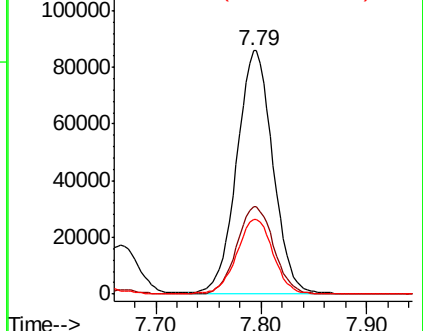
77 31.3 25.0 37.4

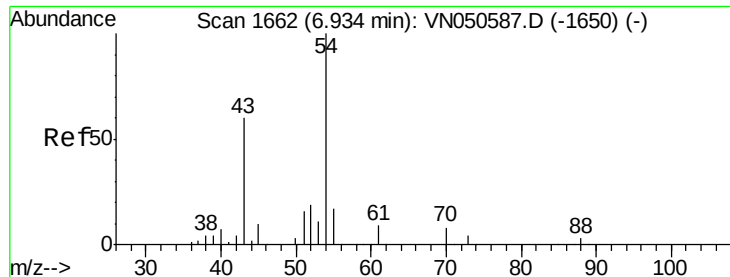


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

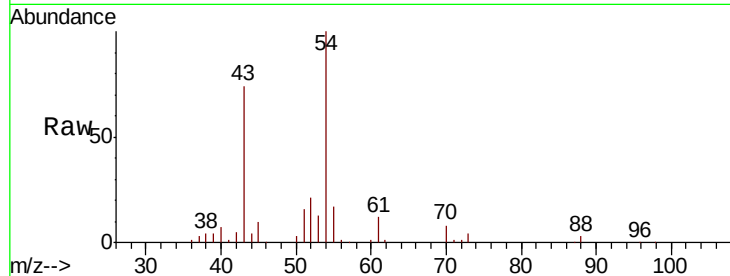




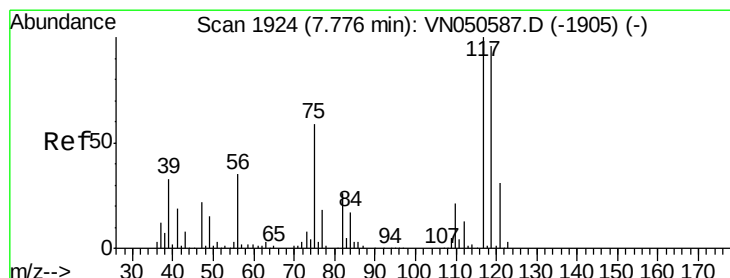
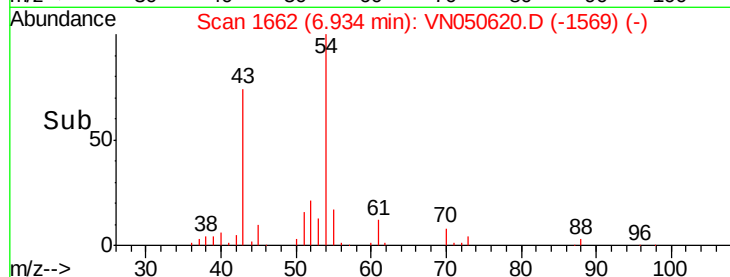
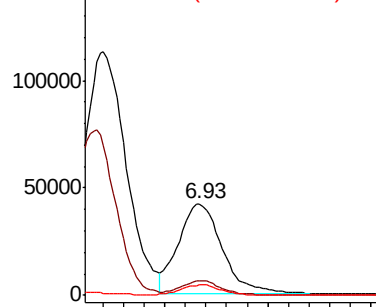
#37
Ethyl Acetate
 Concen: 21.381 ug/l
 RT: 6.93 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBSD02

Tgt Ion: 43 Resp: 124449
 Ion Ratio Lower Upper
 43 100
 61 13.9 12.0 18.0
 70 10.7 8.5 12.7

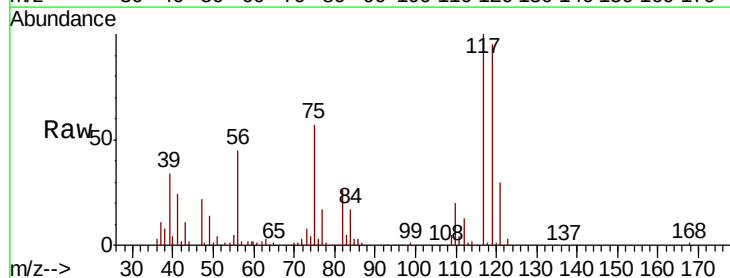


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

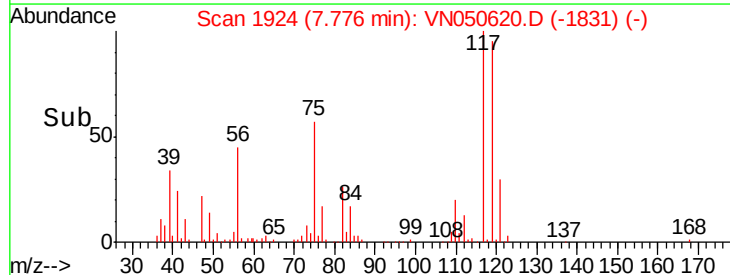
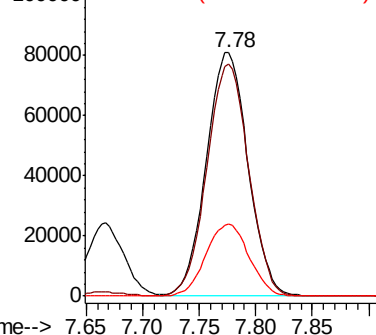


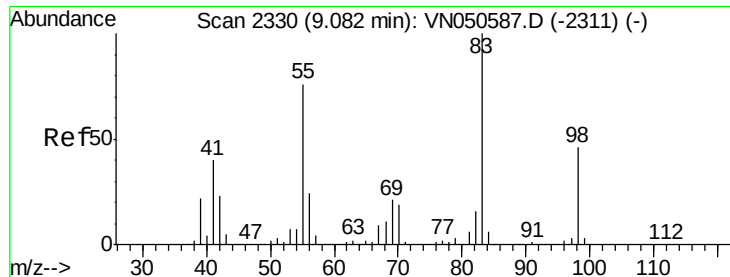
#38
Carbon Tetrachloride
 Concen: 19.356 ug/l
 RT: 7.78 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion: 117 Resp: 206761
 Ion Ratio Lower Upper
 117 100
 119 95.3 76.6 115.0
 121 29.9 25.0 37.6



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

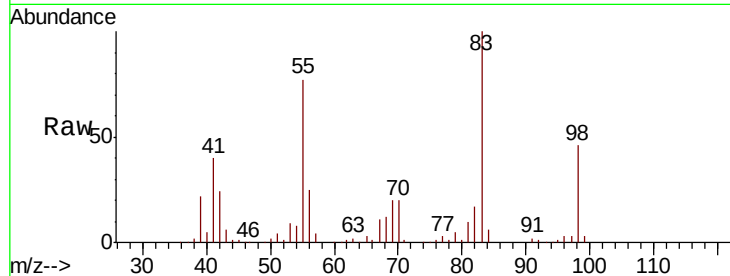




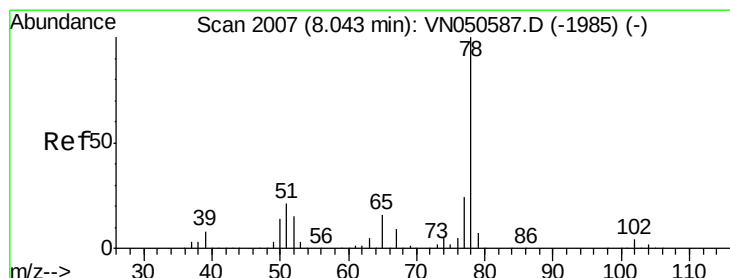
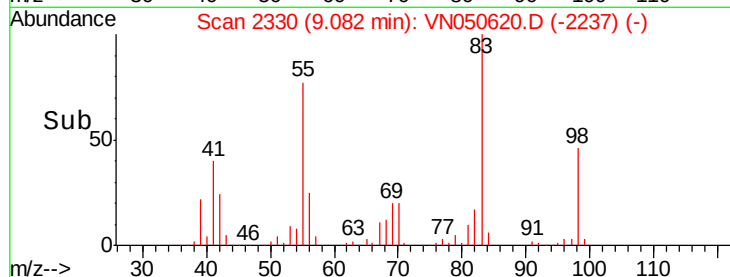
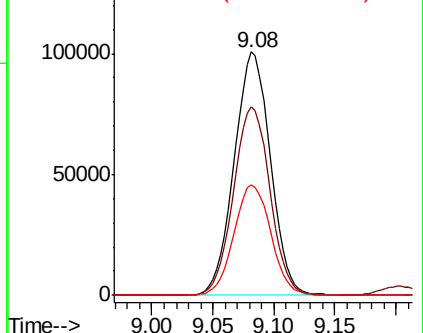
#39
Methylcyclohexane
Concen: 19.481 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Instrument :
MSVOA_N
ClientSampled :
VN0814WBSD02

Tgt Ion: 83 Resp: 207681
Ion Ratio Lower Upper
83 100
55 77.5 60.6 91.0
98 45.6 37.0 55.4

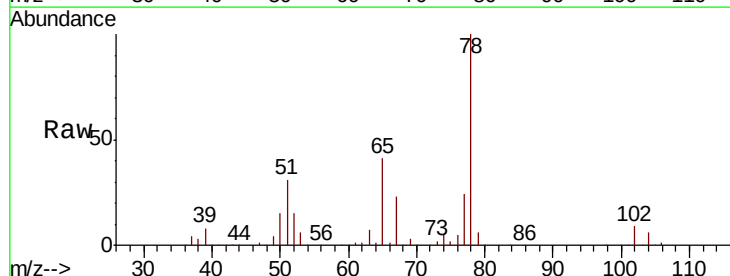


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

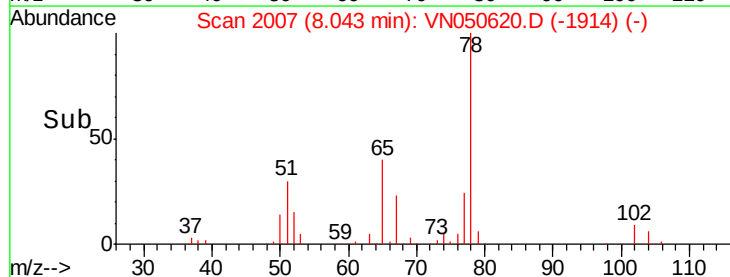
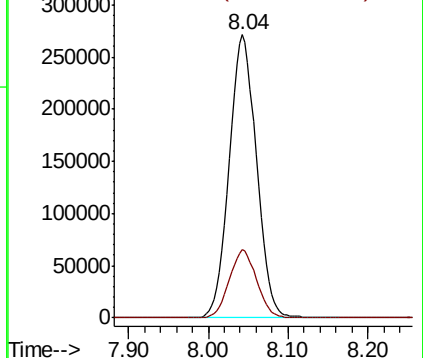


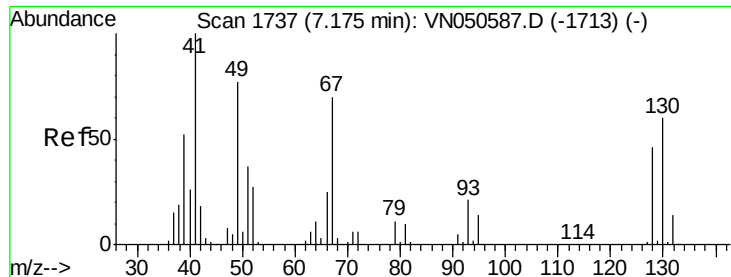
#40
Benzene
Concen: 20.032 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion: 78 Resp: 627512
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



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





#41

Methacrylonitrile

Concen: 17.052 ug/l

RT: 7.18 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampled :

VN0814WBSD02

Tgt Ion: 41 Resp: 53657

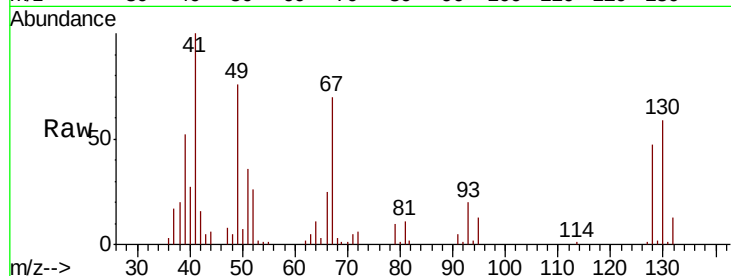
Ion Ratio Lower Upper

41 100

39 67.8 44.6 66.8#

67 102.3 66.7 100.1#

52 41.2 26.5 39.7#



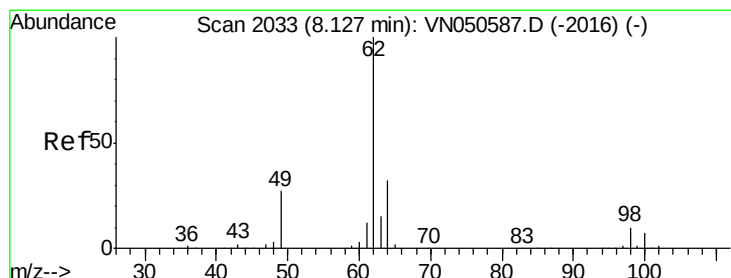
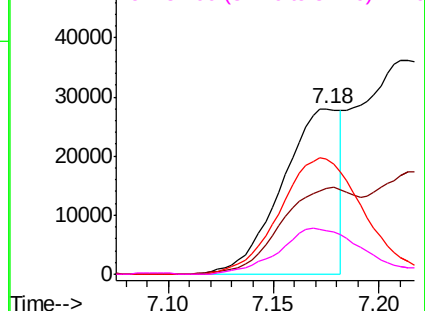
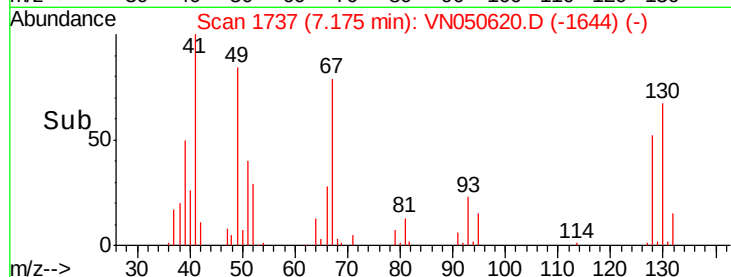
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 20.012 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN050620.D

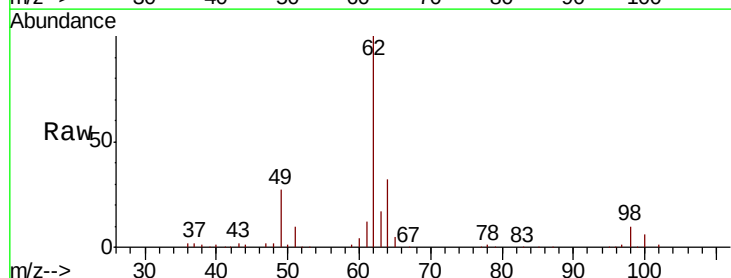
Acq: 14 Aug 2018 23:25

Tgt Ion: 62 Resp: 192134

Ion Ratio Lower Upper

62 100

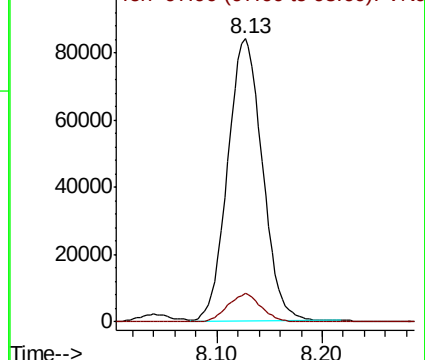
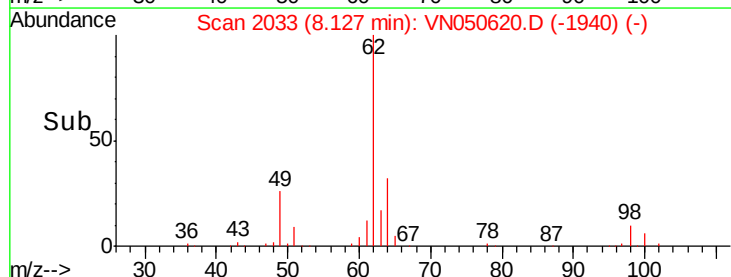
98 9.6 0.0 19.4

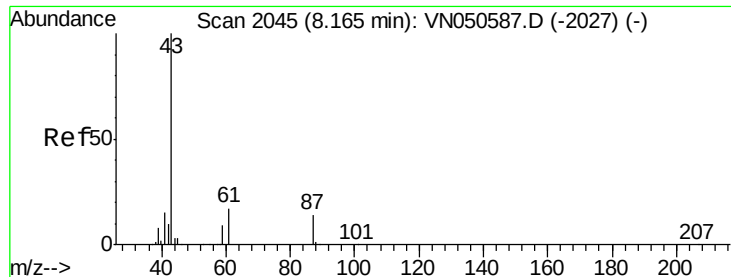


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 20.417 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

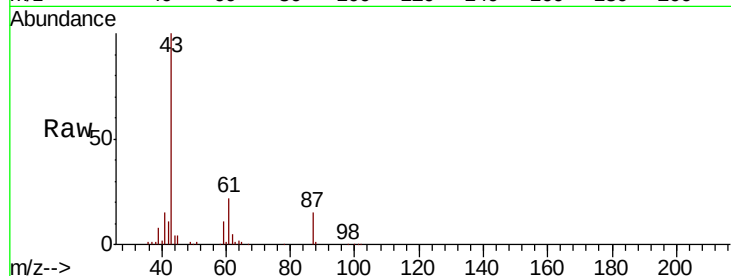
Tgt Ion: 43 Resp: 216574

Ion Ratio Lower Upper

43 100

61 20.0 16.2 24.2

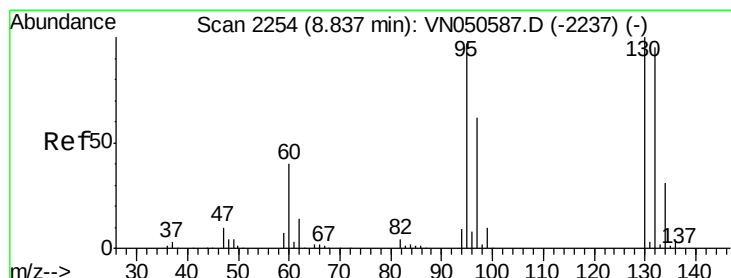
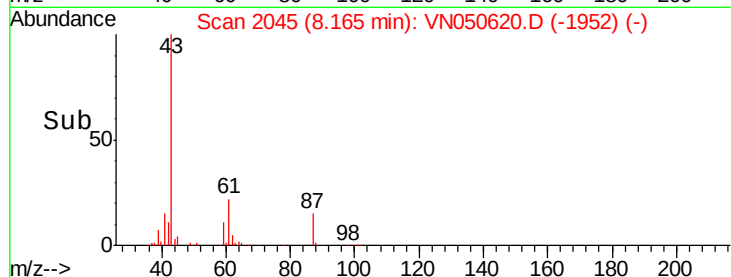
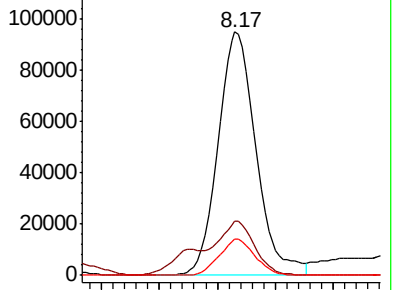
87 13.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#44

Trichloroethene

Concen: 19.586 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050620.D

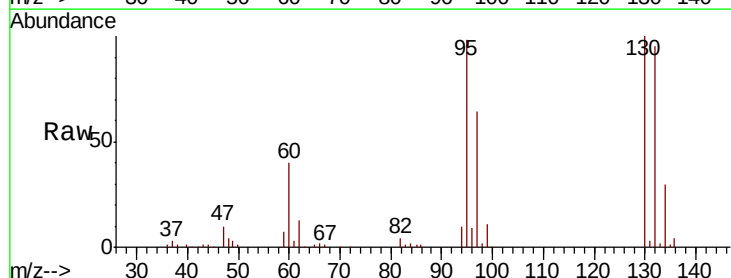
Acq: 14 Aug 2018 23:25

Tgt Ion: 130 Resp: 164348

Ion Ratio Lower Upper

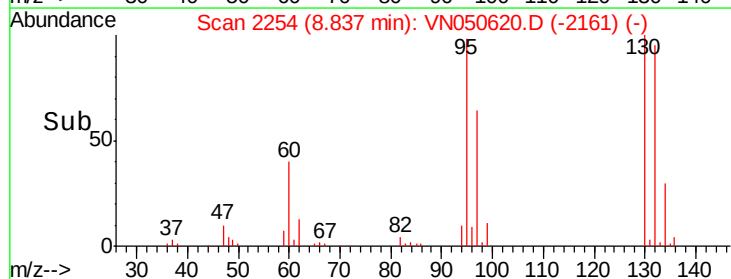
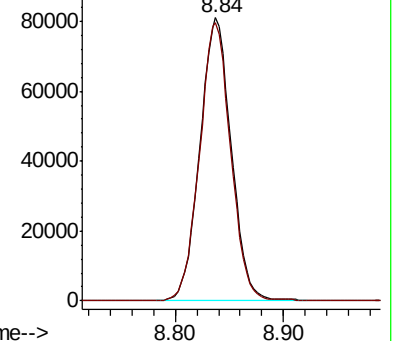
130 100

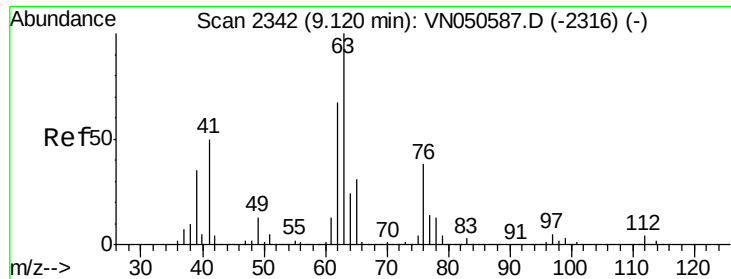
95 98.5 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

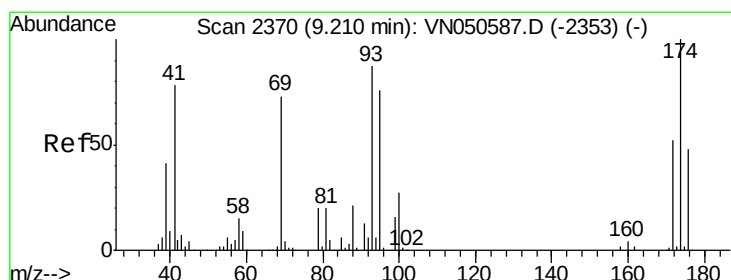
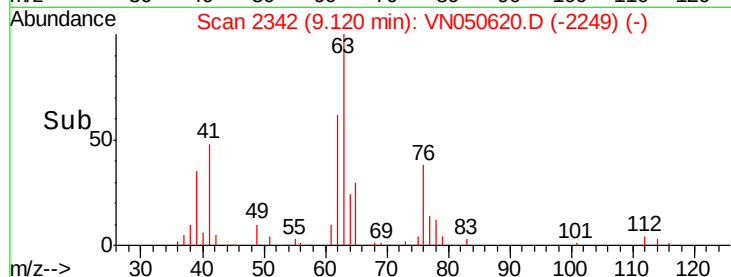
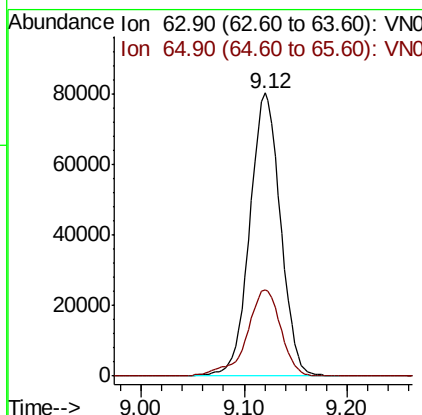
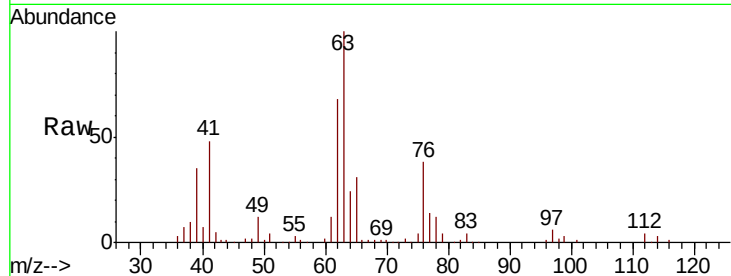




#45
 1,2-Dichloropropane
 Concen: 19.900 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

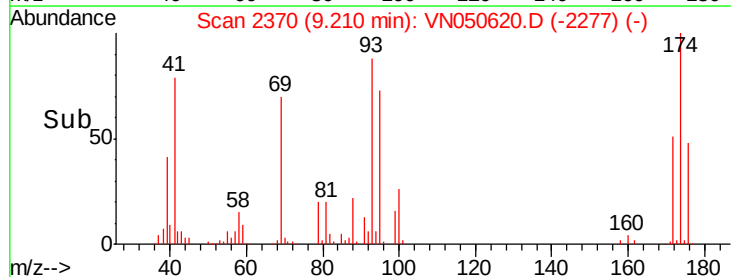
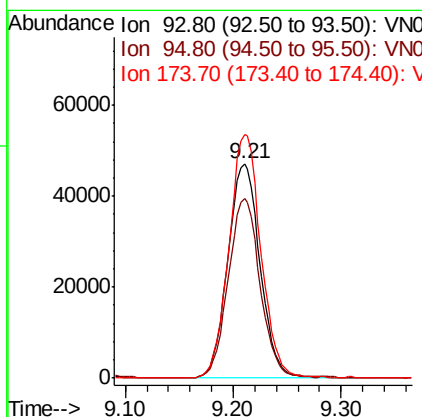
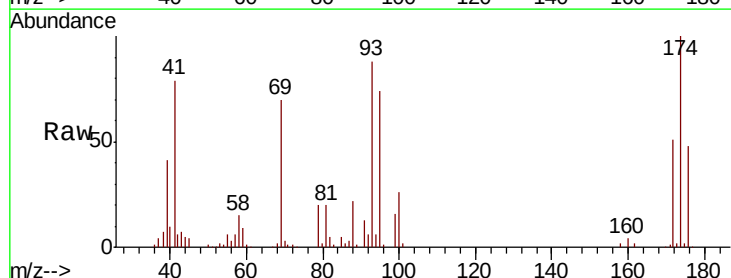
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

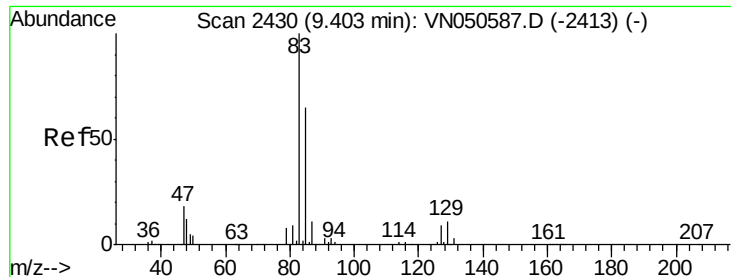
Tgt Ion: 63 Resp: 165960
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.5 36.7



#46
 Dibromomethane
 Concen: 19.902 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion: 93 Resp: 98006
 Ion Ratio Lower Upper
 93 100
 95 83.1 69.1 103.7
 174 113.1 91.0 136.6





#47

Bromodichloromethane

Concen: 19.311 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

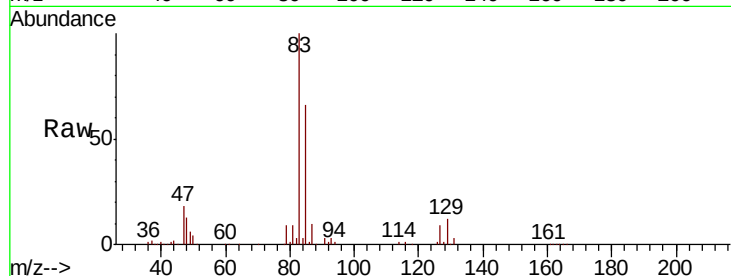
Tgt Ion: 83 Resp: 203257

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

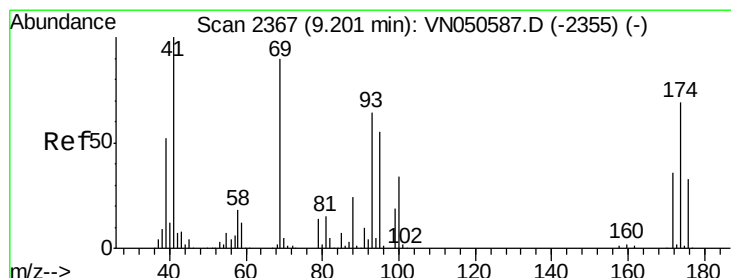
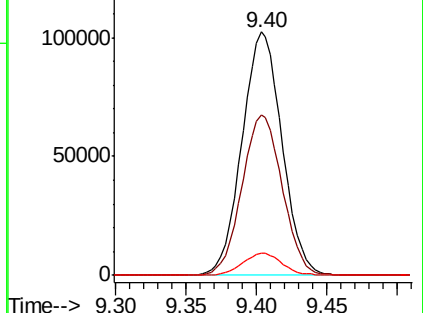
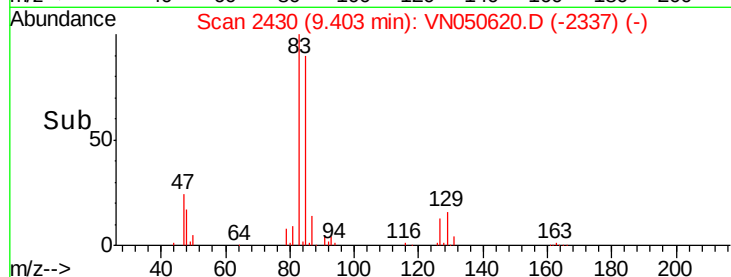
127 9.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050620.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050620.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050620.D (-2337) (-)



#48

Methyl methacrylate

Concen: 19.699 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

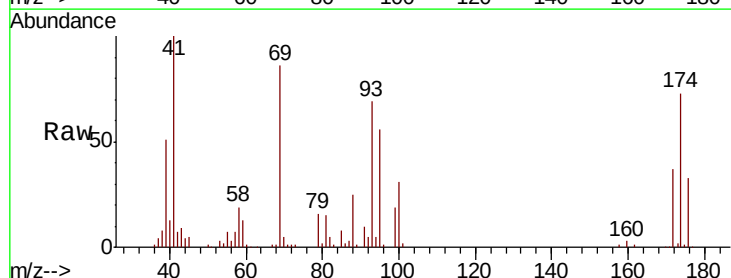
Tgt Ion: 41 Resp: 105141

Ion Ratio Lower Upper

41 100

69 89.6 73.4 110.0

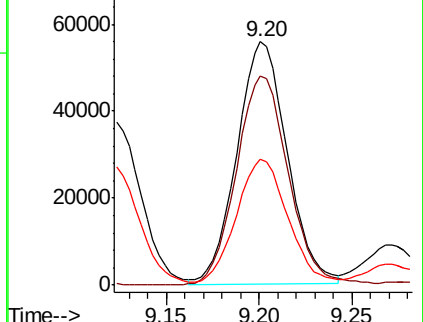
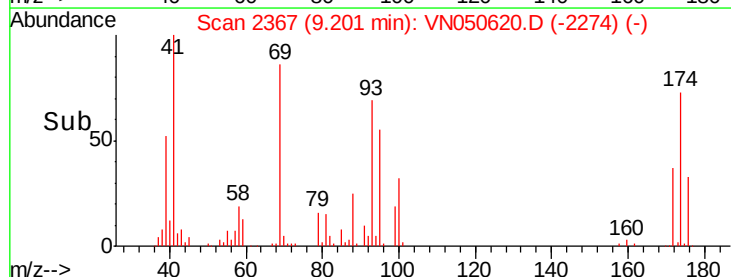
39 52.7 43.0 64.6

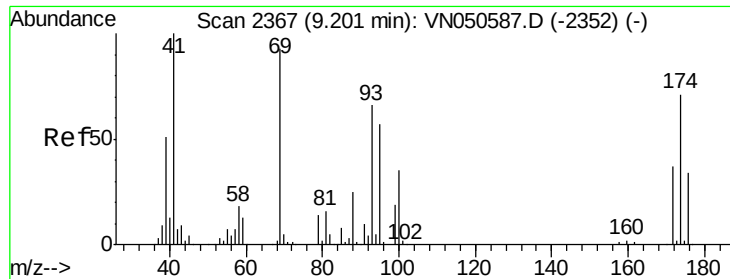


Abundance Ion 41.00 (40.70 to 41.70): VN050620.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN050620.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN050620.D (-2274) (-)

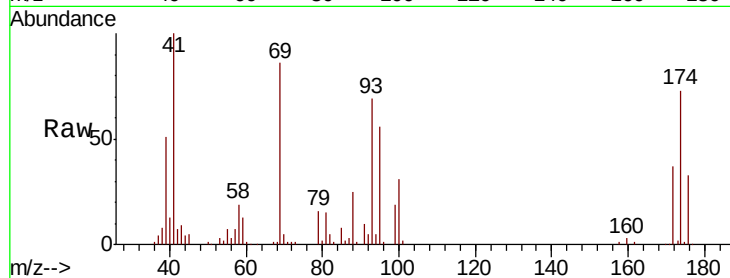




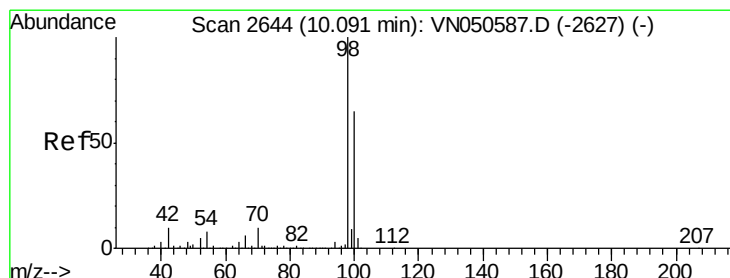
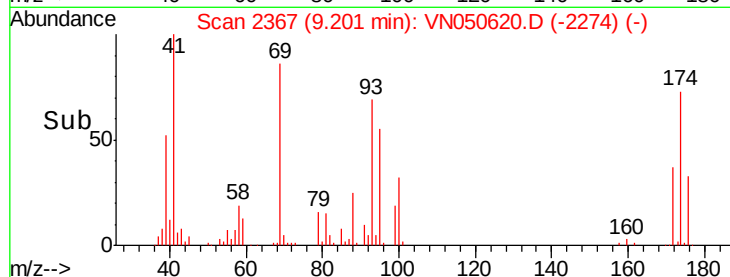
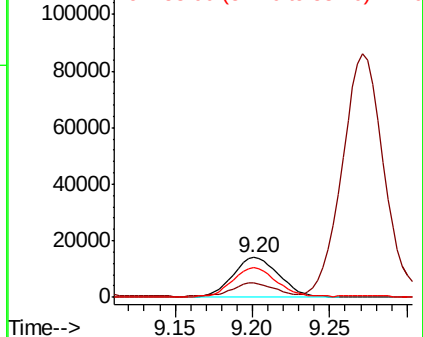
#49
 1,4-Dioxane
 Concen: 419.599 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

Tgt Ion: 88 Resp: 29504
 Ion Ratio Lower Upper
 88 100
 43 31.7 25.9 38.9
 58 72.1 56.5 84.7

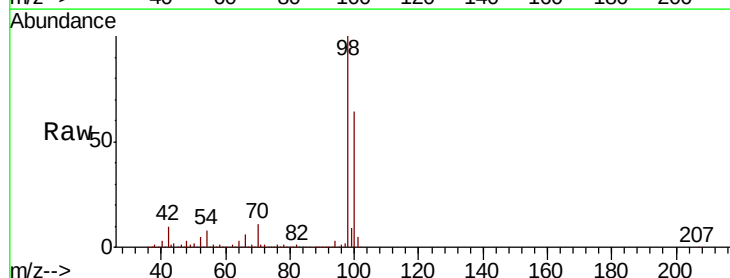


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

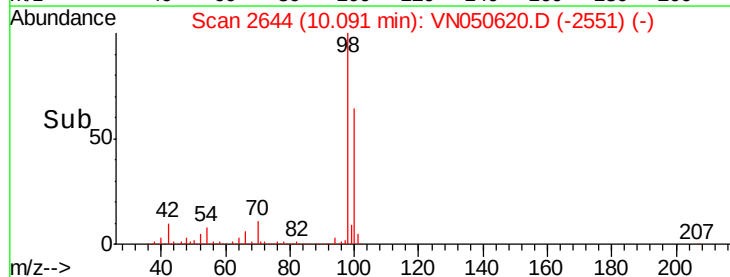
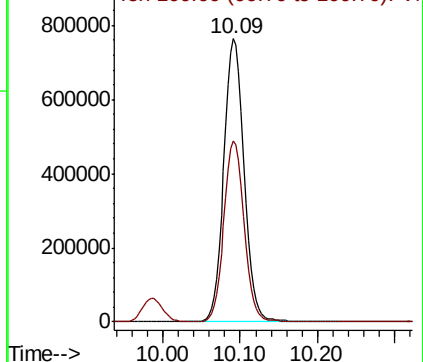


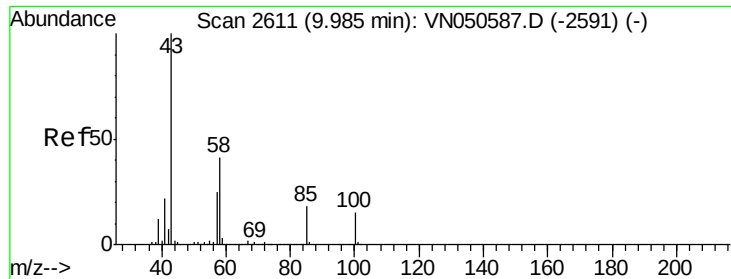
#50
 Toluene-d8
 Concen: 50.081 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion: 98 Resp: 1391945
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 104.584 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

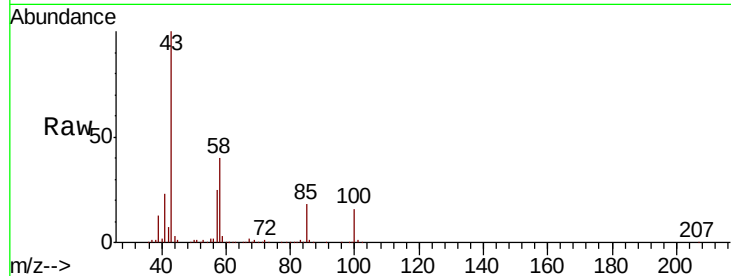
VN0814WBSD02

Tgt Ion: 43 Resp: 750274

Ion Ratio Lower Upper

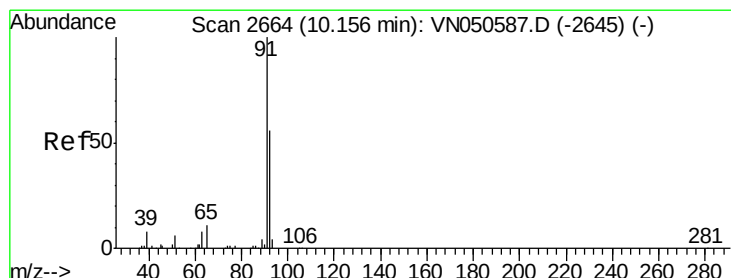
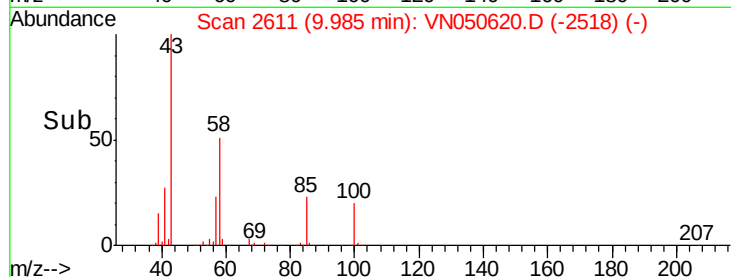
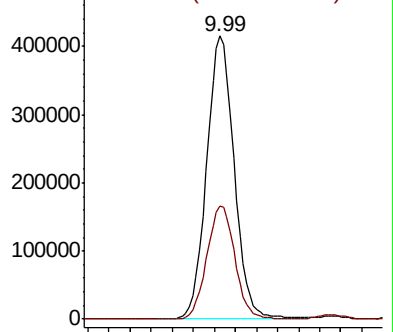
43 100

58 40.7 32.5 48.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.543 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050620.D

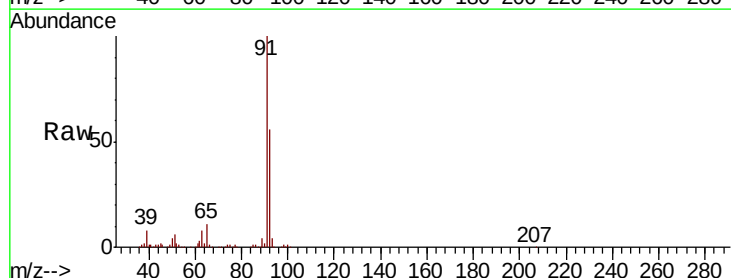
Acq: 14 Aug 2018 23:25

Tgt Ion: 92 Resp: 384223

Ion Ratio Lower Upper

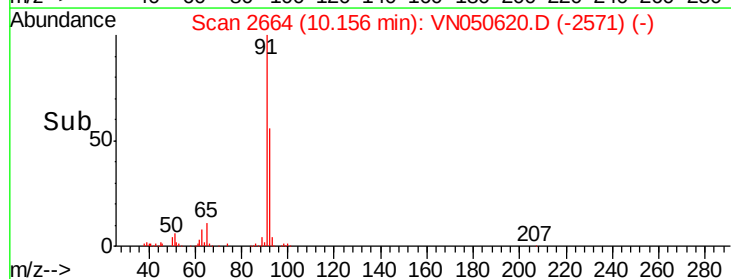
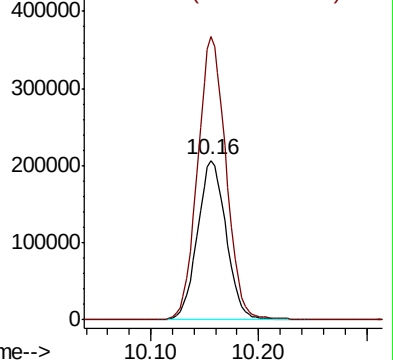
92 100

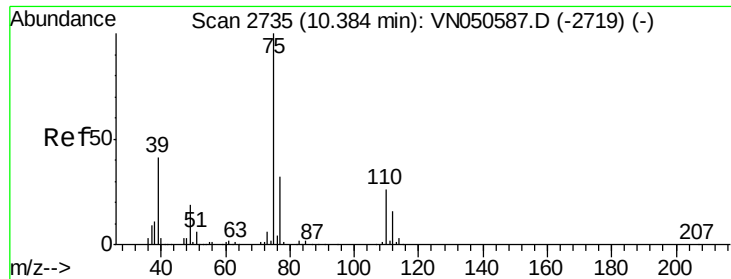
91 176.0 141.9 212.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

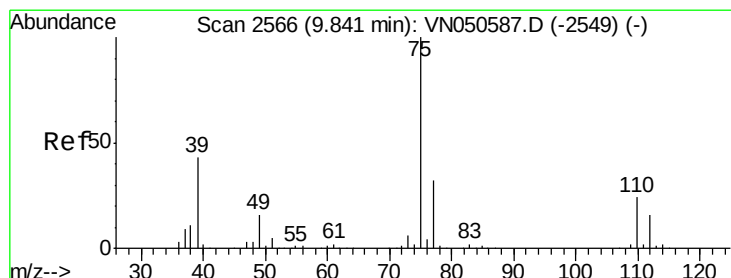
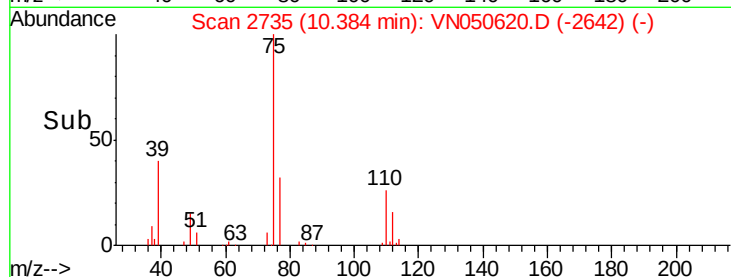
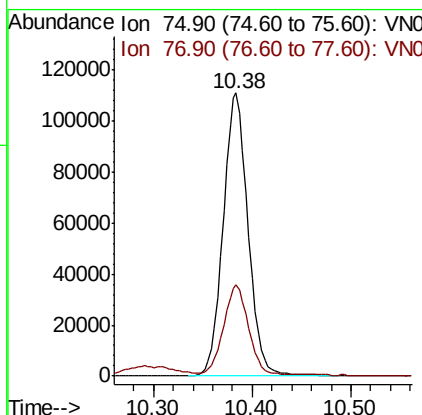
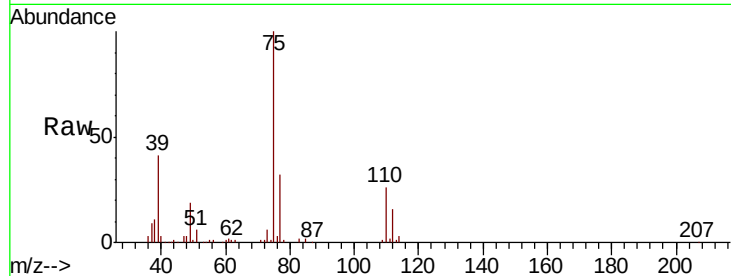




#53
t-1,3-Dichloropropene
Concen: 20.084 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

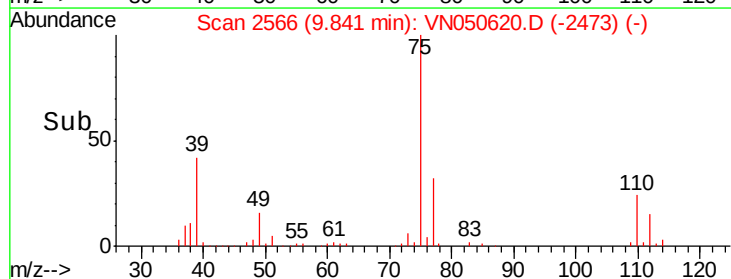
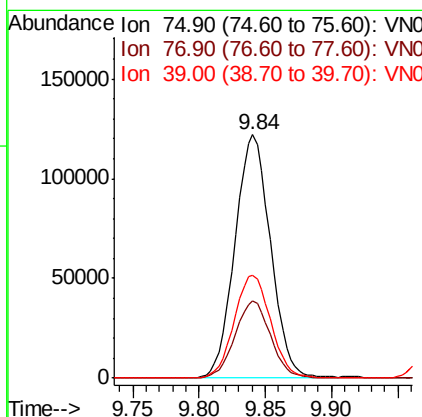
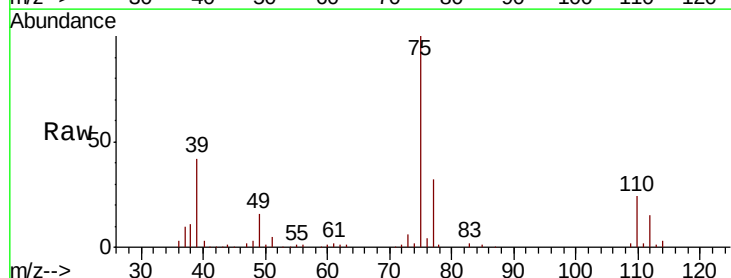
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

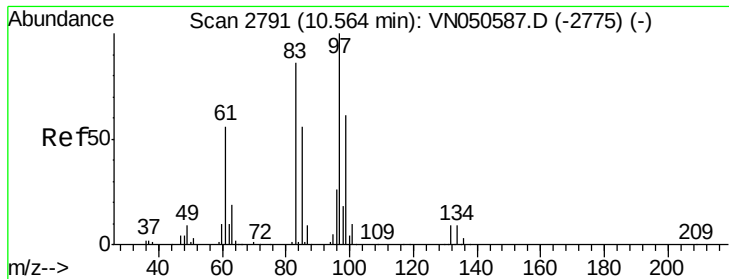
Tgt Ion: 75 Resp: 196901
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 20.285 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion: 75 Resp: 228139
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 42.5 34.4 51.6

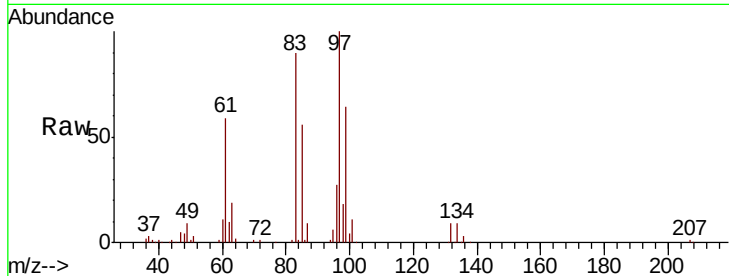




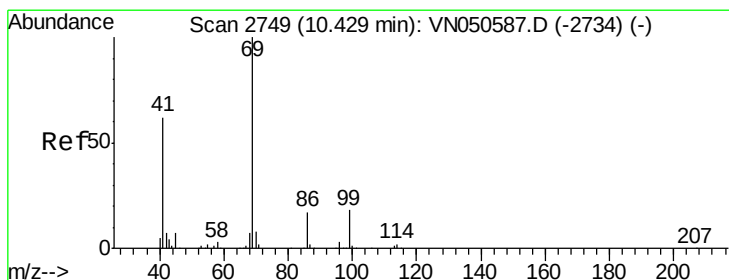
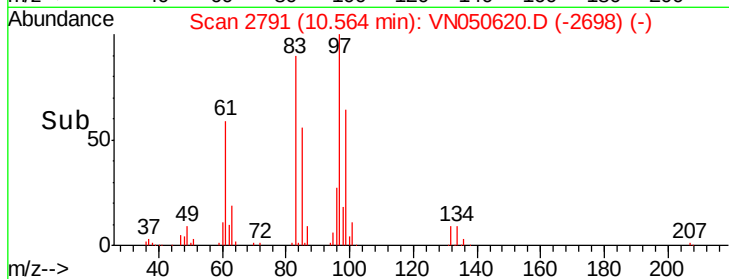
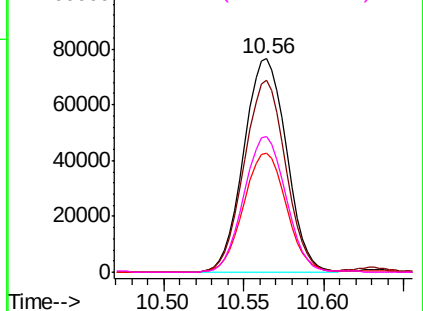
#55
 1,1,2-Trichloroethane
 Concen: 20.109 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

Tgt Ion:	97	Resp:	140510
Ion	Ratio	Lower	Upper
97	100		
83	89.7	68.5	102.7
85	56.0	44.6	66.8
99	63.8	49.1	73.7

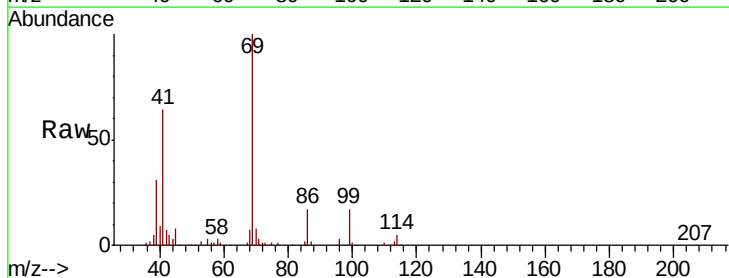


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

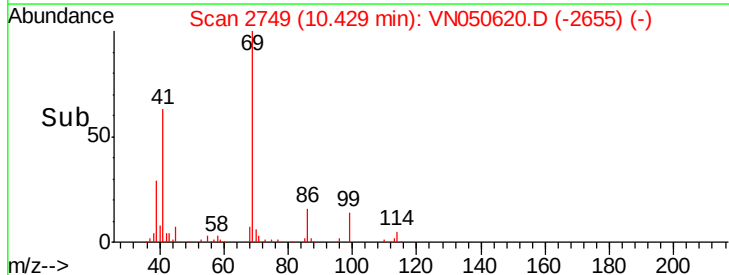
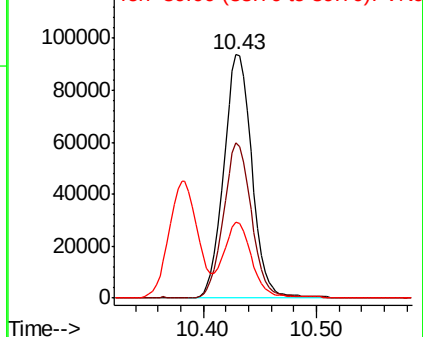


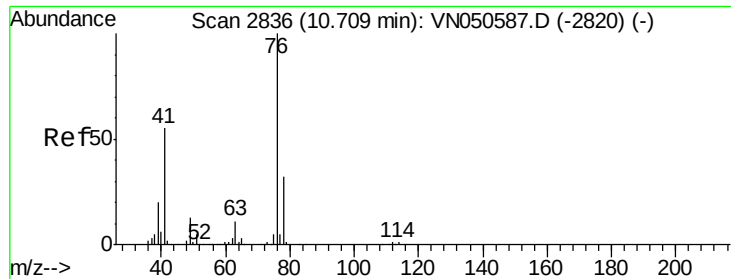
#56
 Ethyl methacrylate
 Concen: 19.463 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion:	69	Resp:	162708
Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.7	74.5
39	30.4	24.2	36.2



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

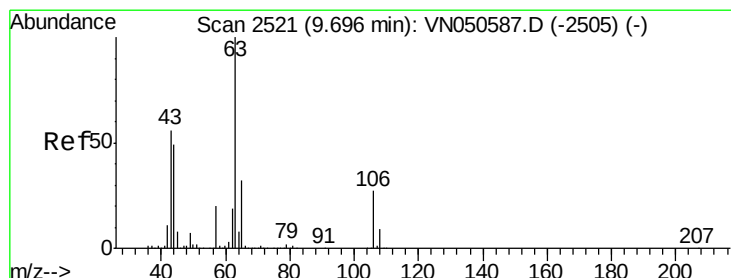
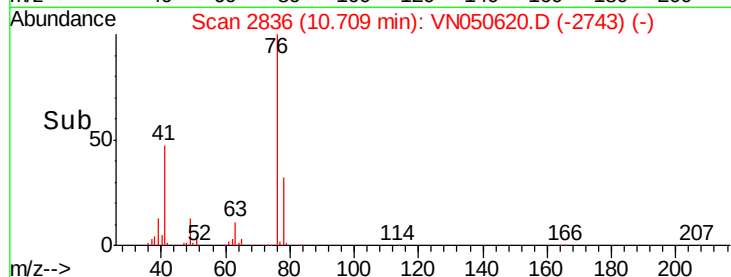
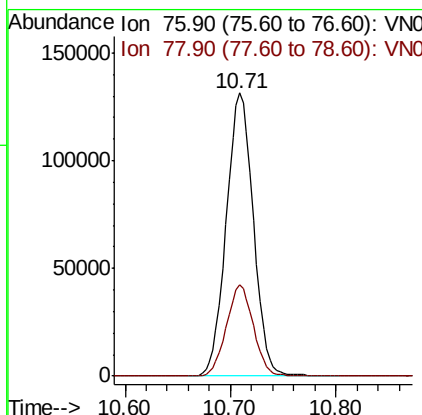
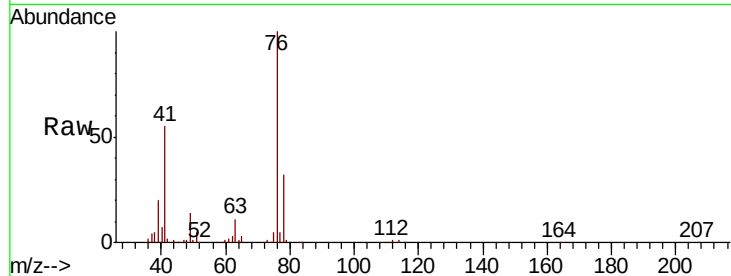




#57
 1,3-Dichloropropane
 Concen: 20.385 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

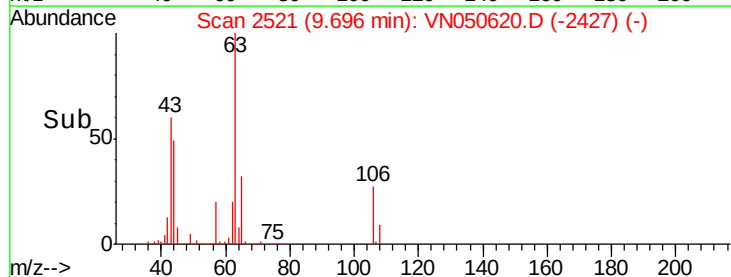
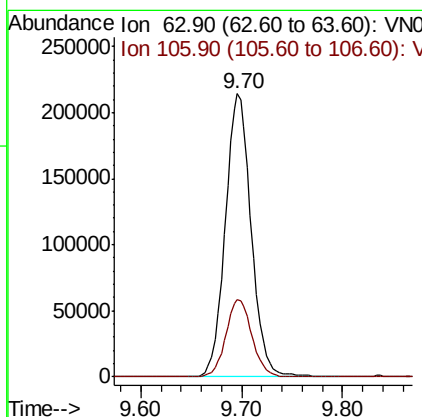
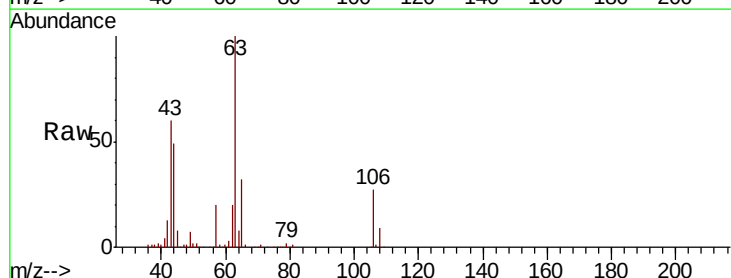
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

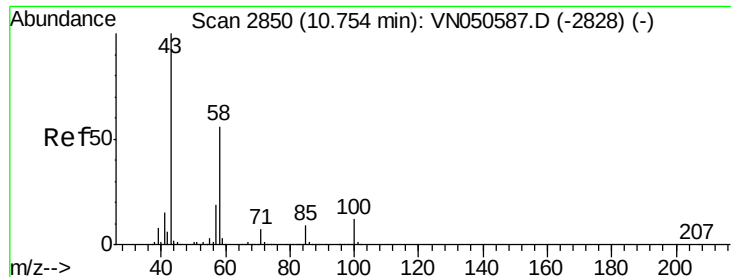
Tgt Ion: 76 Resp: 233510
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.396 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion: 63 Resp: 383066
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.7 32.5

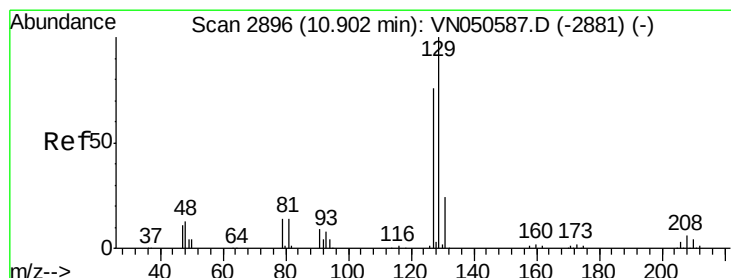
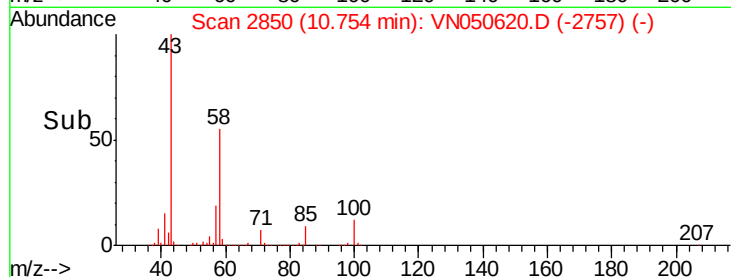
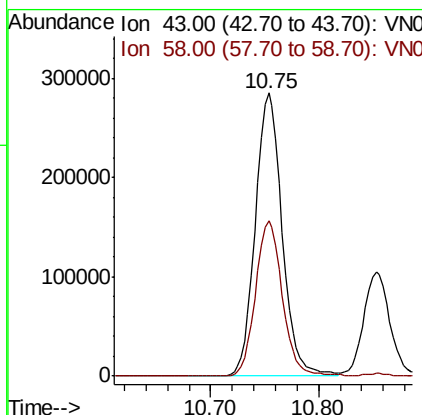
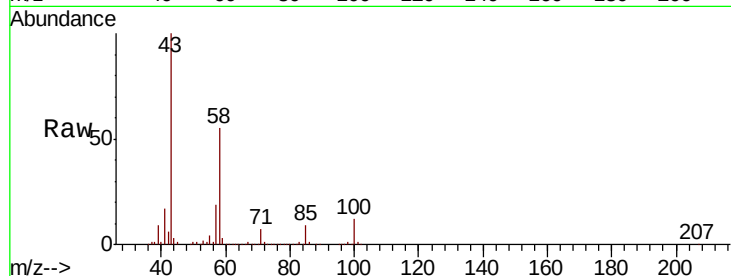




#59
2-Hexanone
Concen: 105.954 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

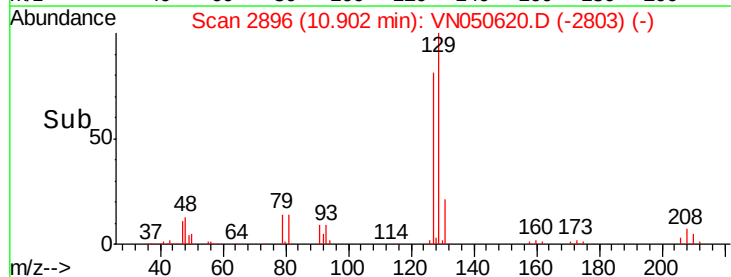
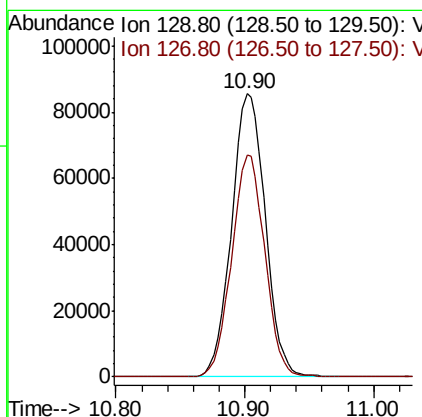
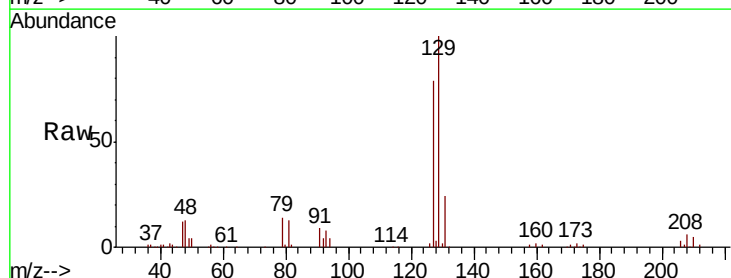
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

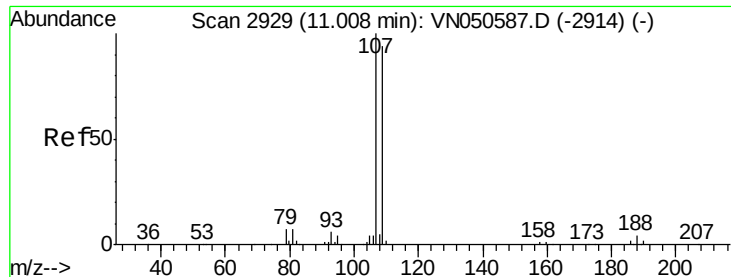
Tgt Ion: 43 Resp: 490587
Ion Ratio Lower Upper
43 100
58 55.0 28.0 84.0



#60
Dibromochloromethane
Concen: 20.137 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion: 129 Resp: 155290
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7

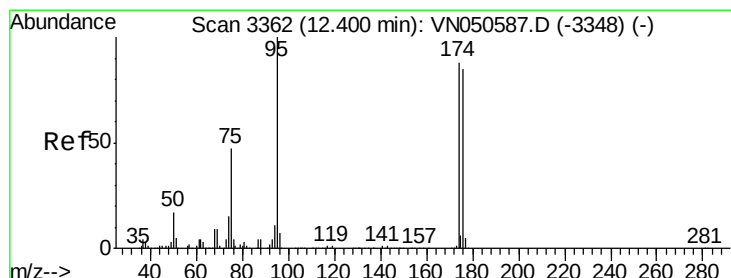
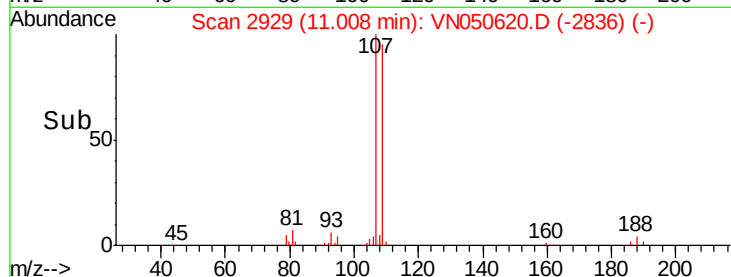
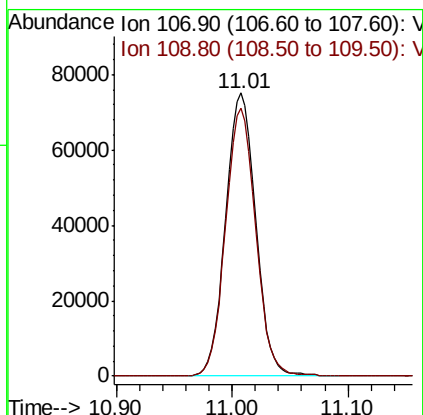
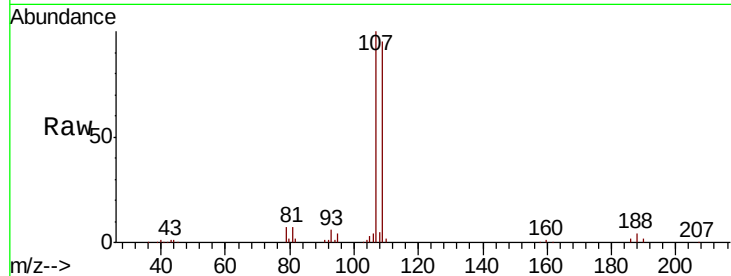




#61
 1,2-Dibromoethane
 Concen: 20.224 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

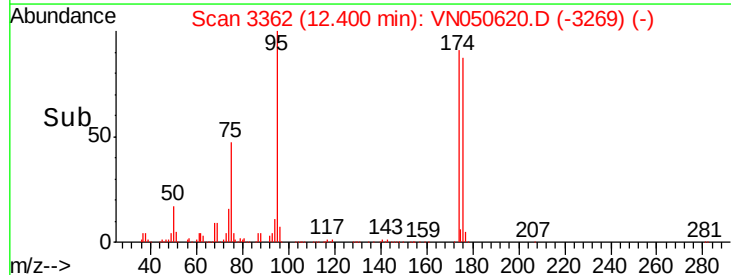
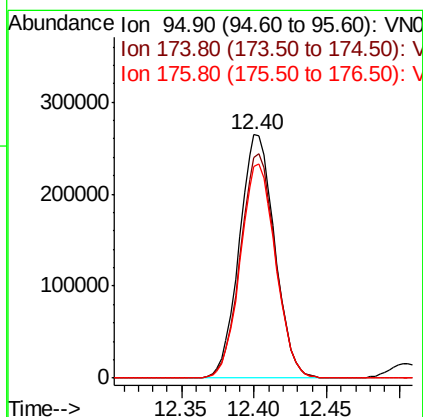
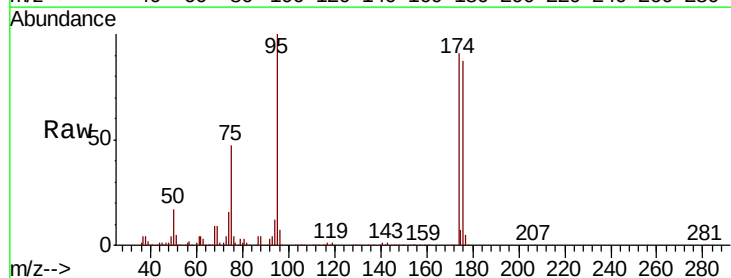
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

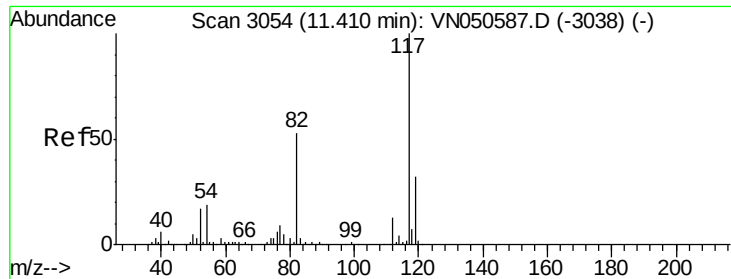
Tgt Ion: 107 Resp: 134575
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.948 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion: 95 Resp: 449443
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 177.8
 176 87.6 0.0 175.0

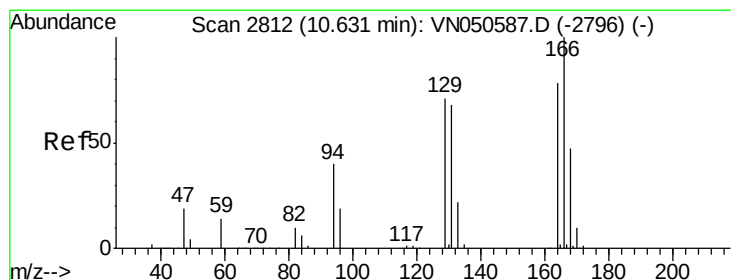
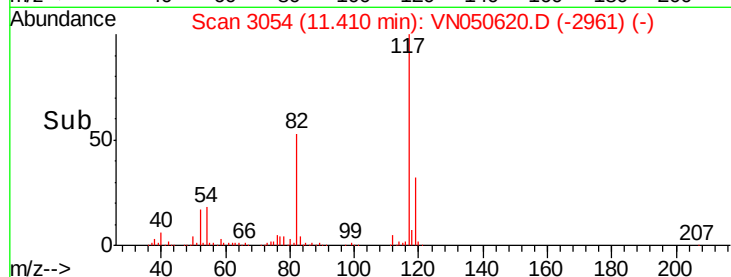
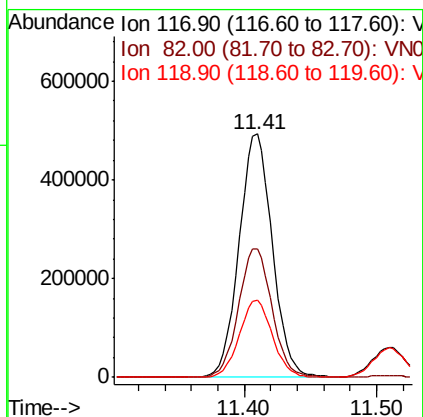
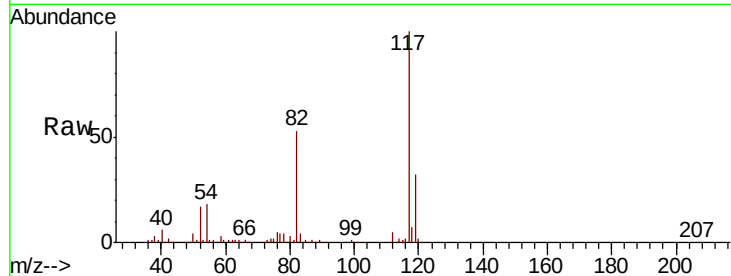




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

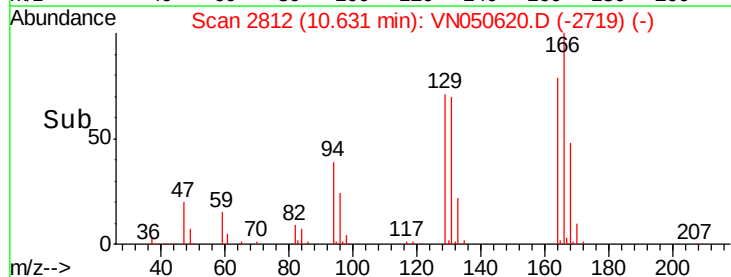
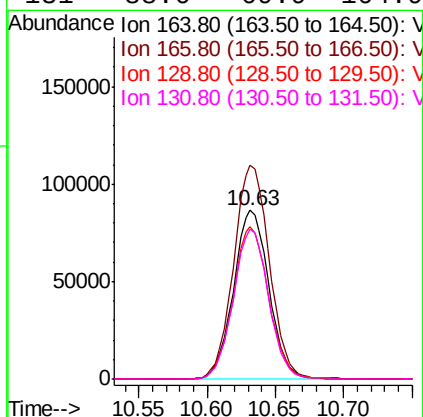
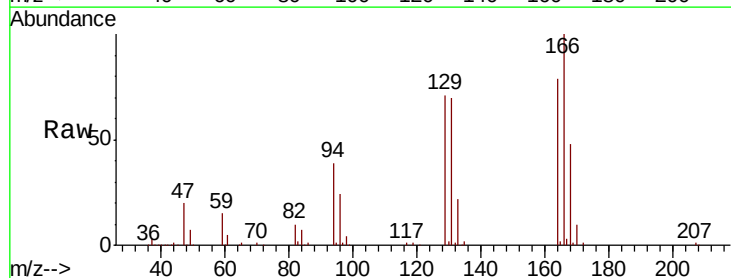
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

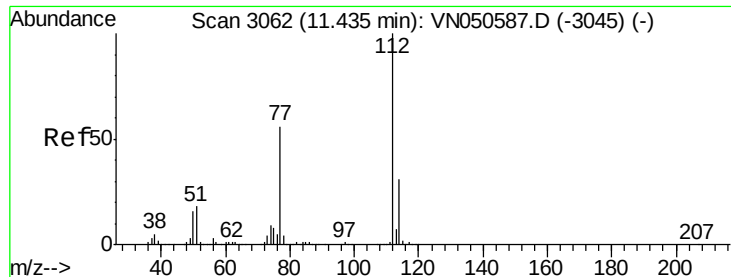
Tgt Ion:117 Resp: 860594
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 19.490 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion:164 Resp: 155766
Ion Ratio Lower Upper
164 100
166 126.7 102.1 153.1
129 90.1 72.7 109.1
131 88.6 69.9 104.9

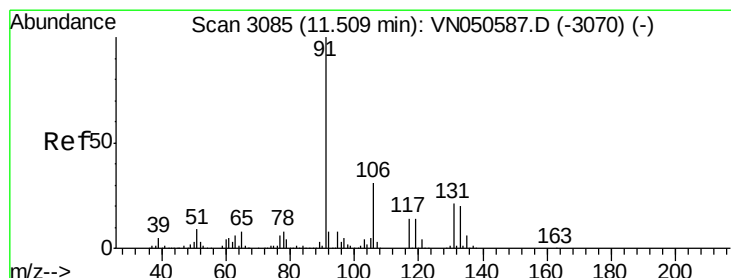
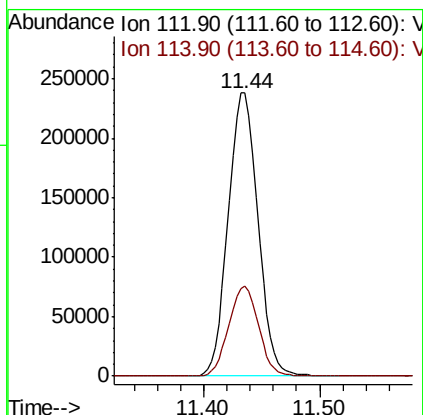
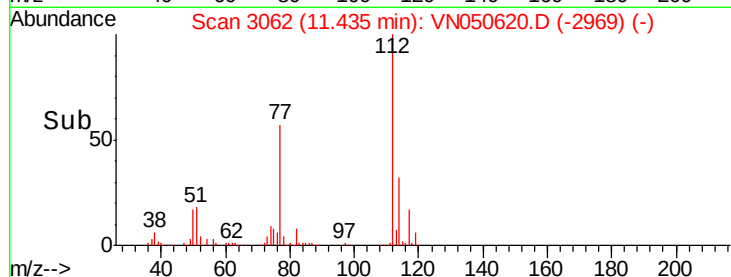
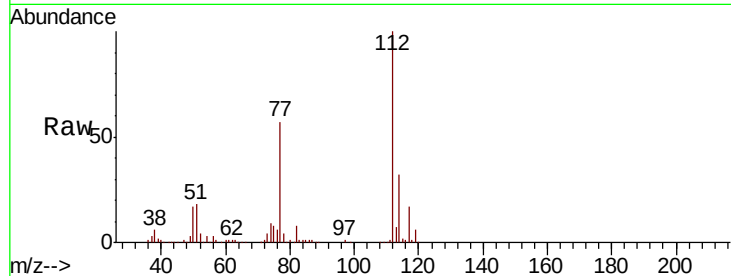




#65
Chlorobenzene
Concen: 19.723 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

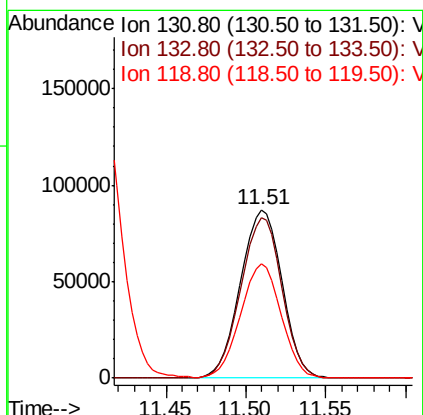
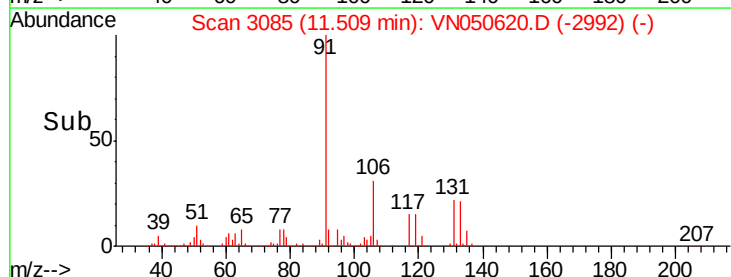
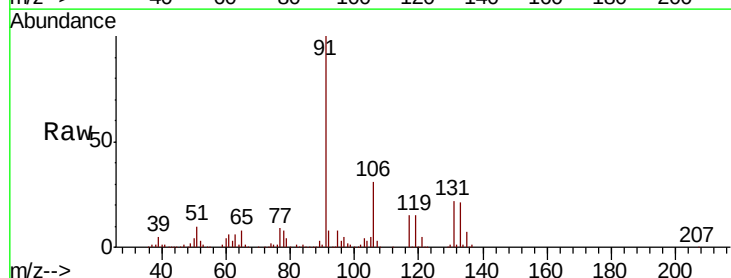
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

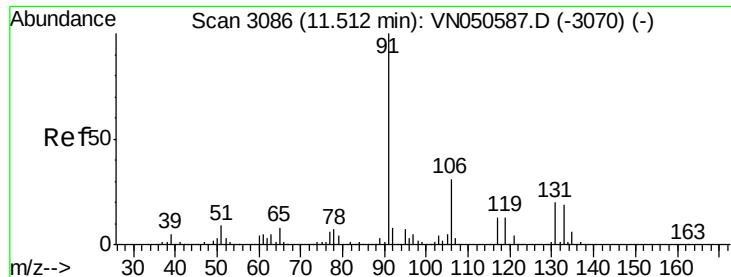
Tgt Ion:112 Resp: 422431
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.302 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion:131 Resp: 154973
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 66.2 33.1 99.3

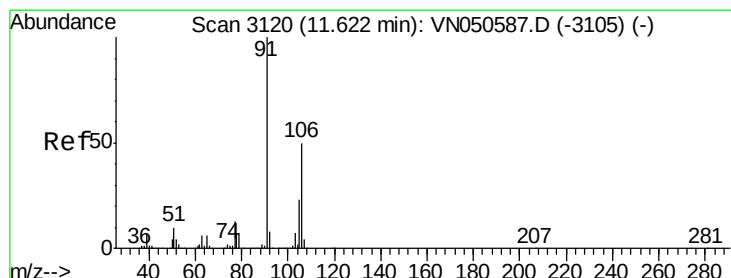
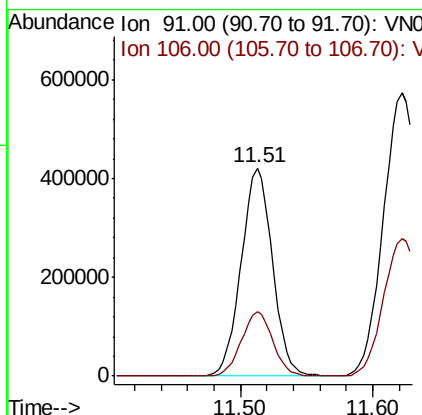
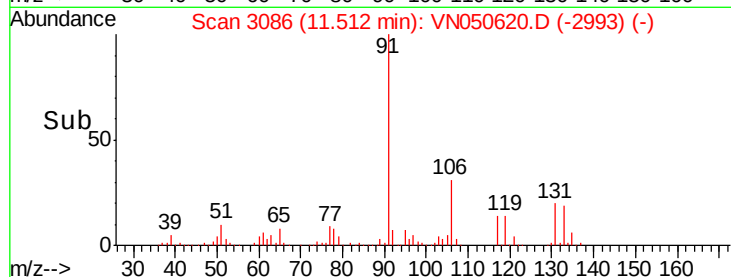
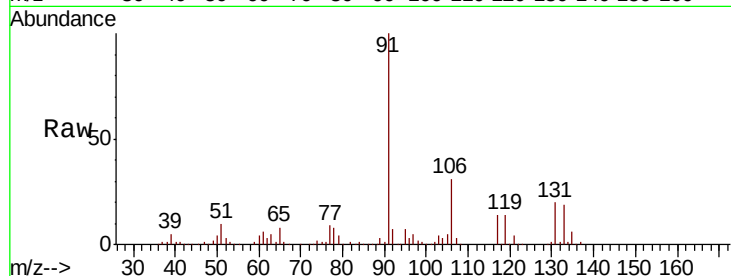




#67
Ethyl Benzene
Concen: 19.959 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

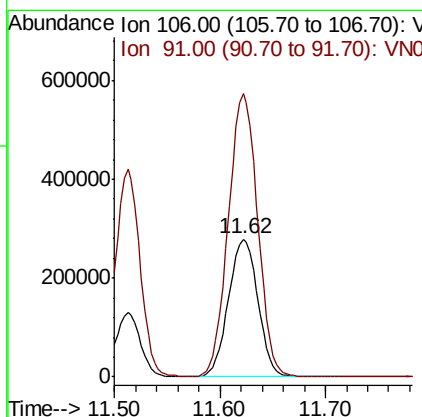
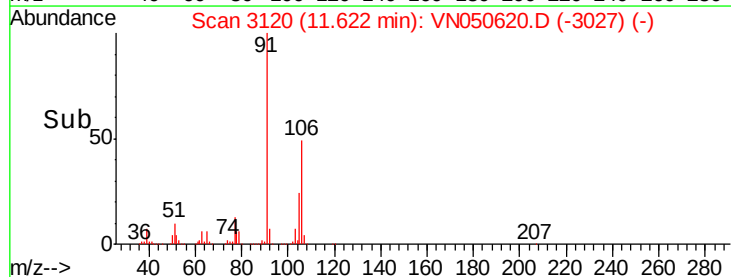
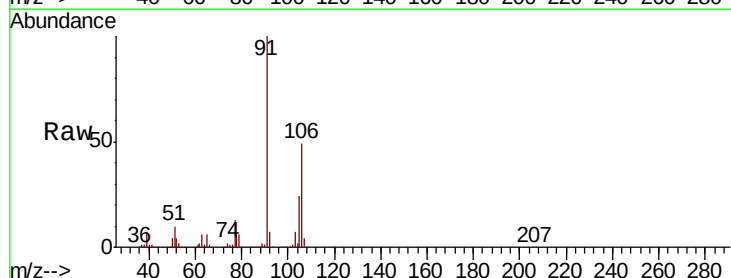
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

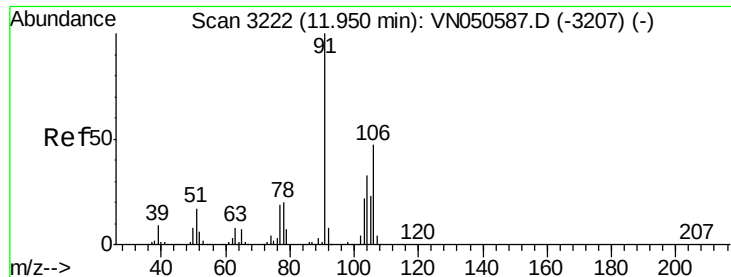
Tgt Ion: 91 Resp: 690244
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2



#68
m/p-Xylenes
Concen: 40.856 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion: 106 Resp: 540397
Ion Ratio Lower Upper
106 100
91 203.6 161.5 242.3

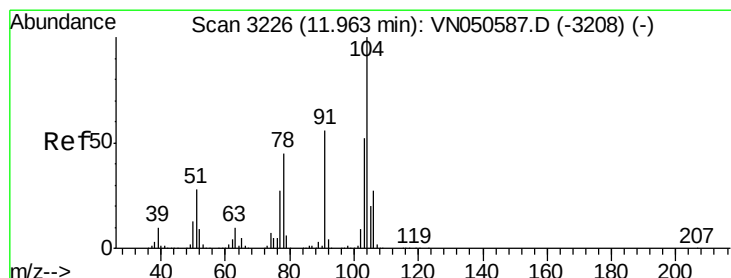
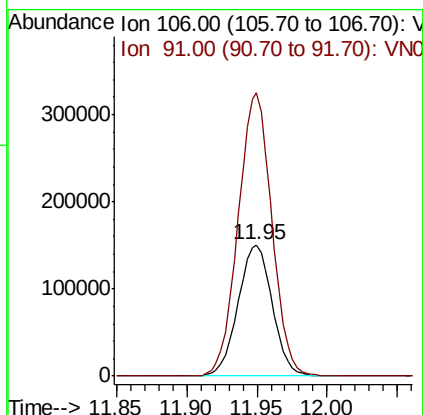
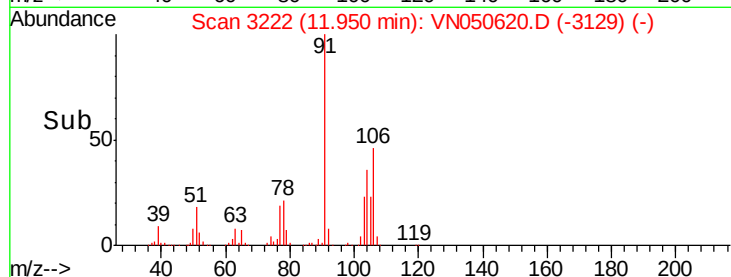
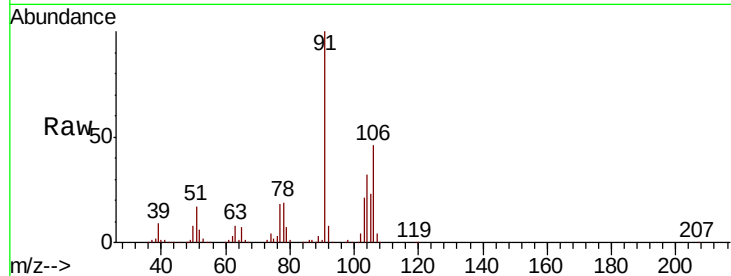




#69
o-Xylene
Concen: 20.299 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

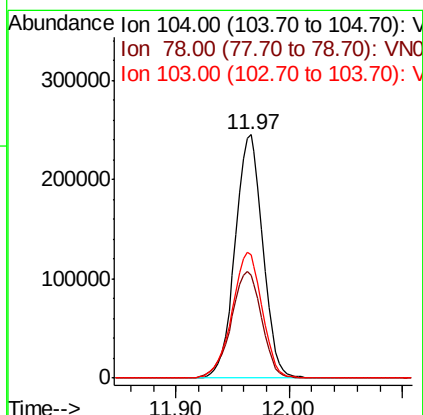
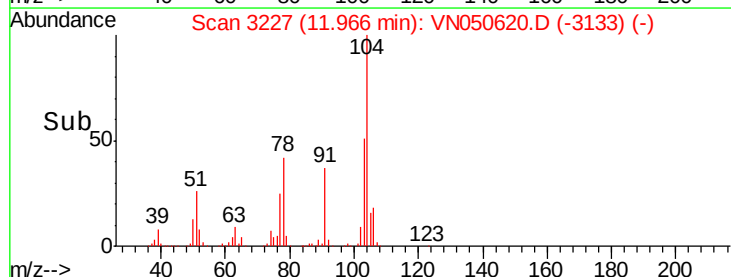
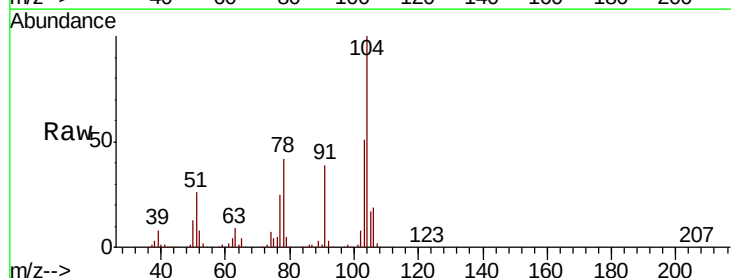
Instrument :
MSVOA_N
ClientSampled :
VN0814WBSD02

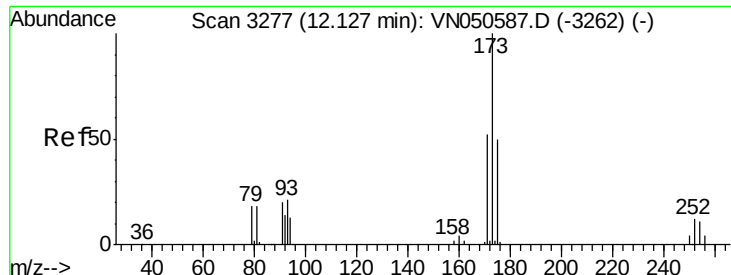
Tgt Ion:106 Resp: 256014
Ion Ratio Lower Upper
106 100
91 212.6 106.8 320.4



#70
Styrene
Concen: 19.269 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion:104 Resp: 418978
Ion Ratio Lower Upper
104 100
78 48.5 39.1 58.7
103 56.2 44.9 67.3

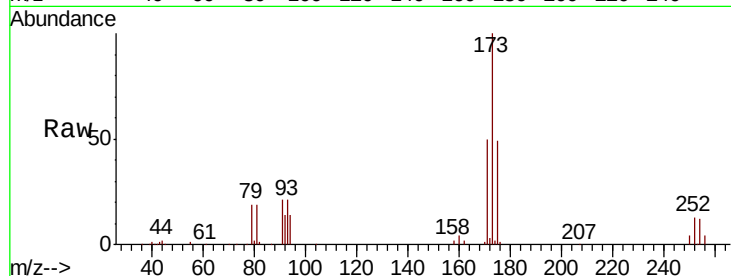




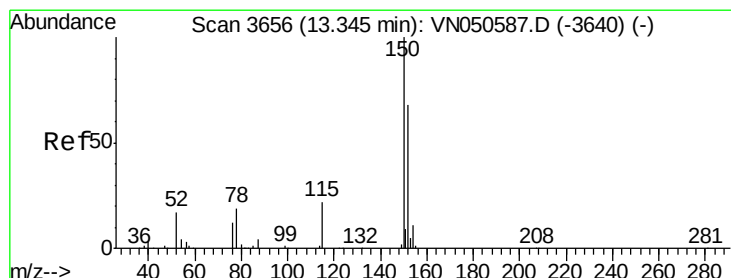
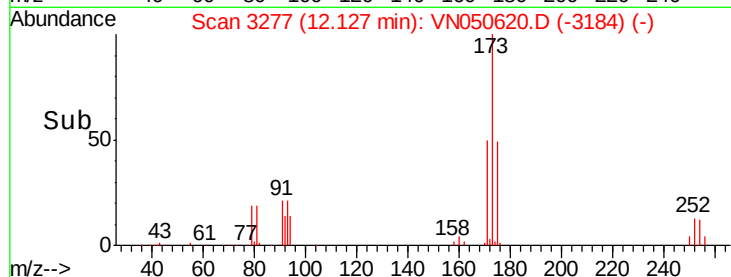
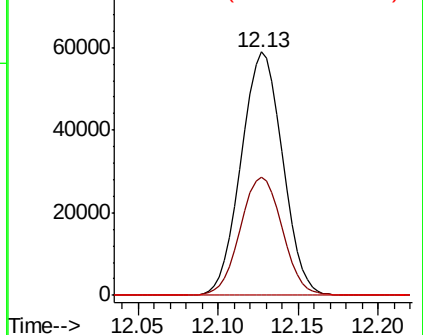
#71
 Bromoform
 Concen: 19.625 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

Tgt Ion:173 Resp: 104482
 Ion Ratio Lower Upper
 173 100
 175 49.1 24.4 73.2
 254 0.1 0.0 0.0#

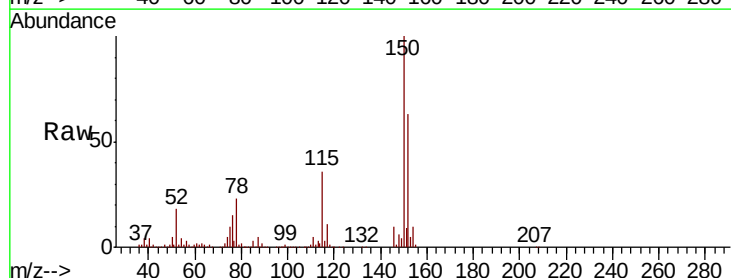


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

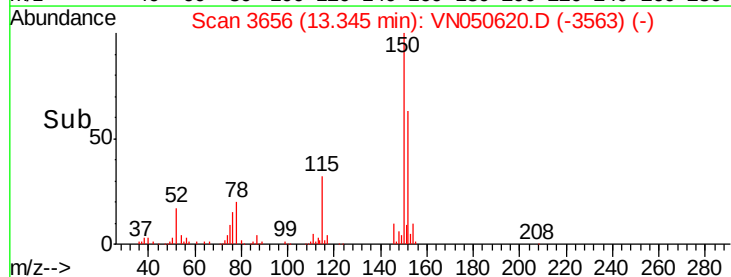
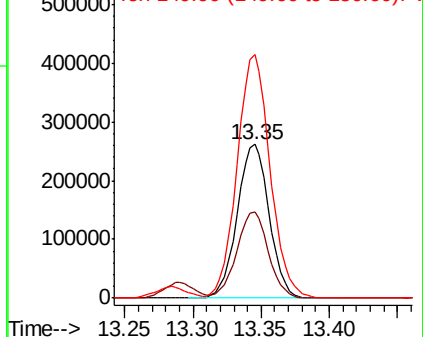


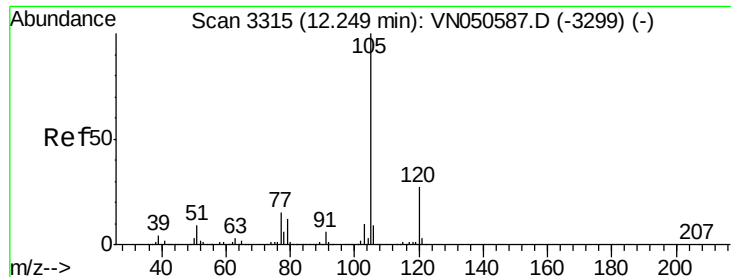
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion:152 Resp: 424390
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.1 84.2
 150 164.2 0.0 347.8



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: 20.429 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

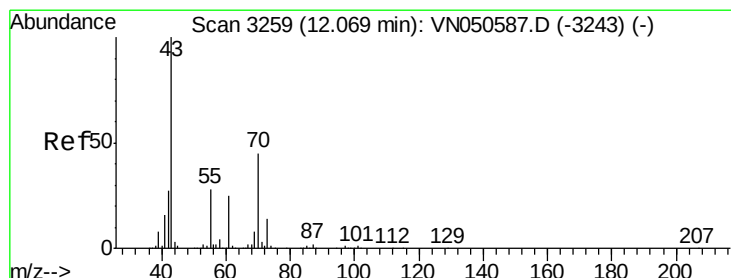
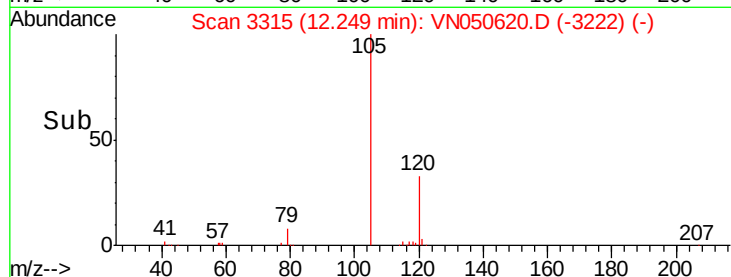
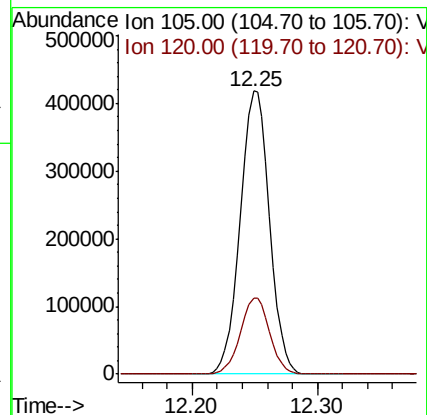
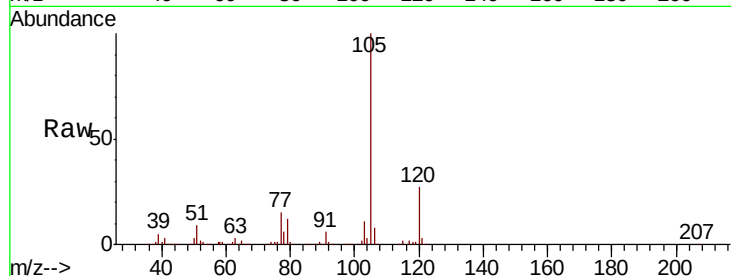
VN0814WBSD02

Tgt Ion:105 Resp: 677393

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 20.250 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Tgt Ion: 43 Resp: 174687

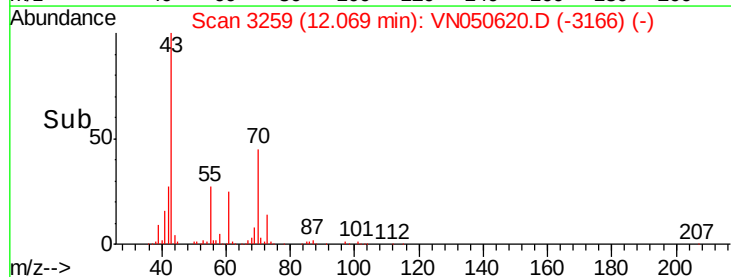
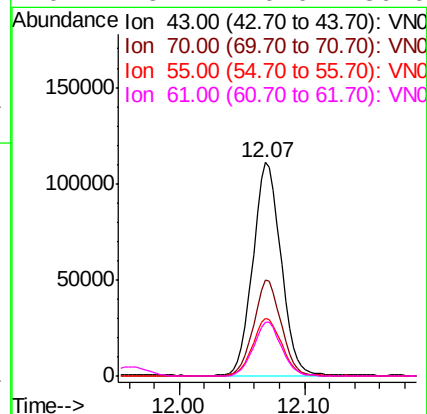
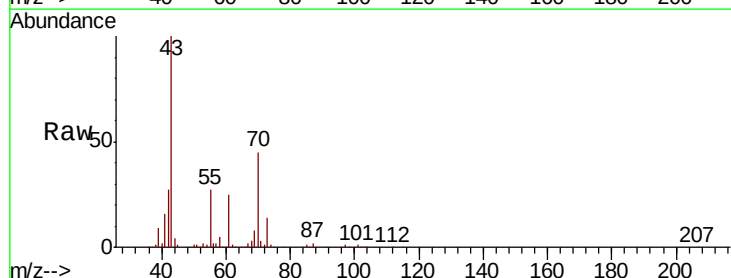
Ion Ratio Lower Upper

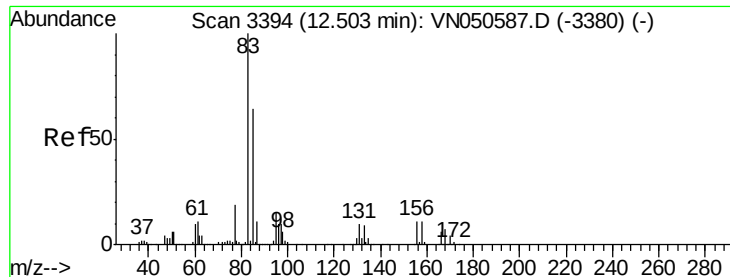
43 100

70 44.1 35.9 53.9

55 27.7 22.2 33.4

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.412 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

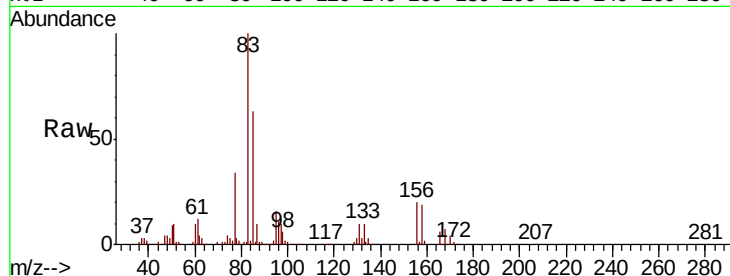
Tgt Ion: 83 Resp: 175061

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

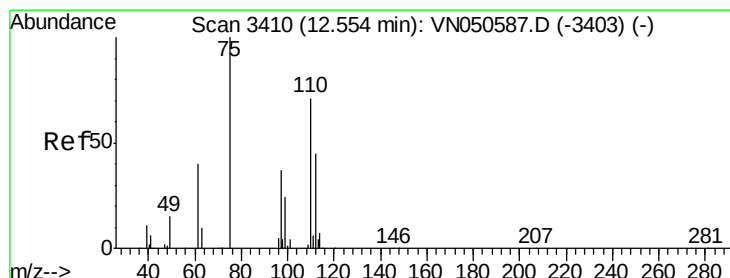
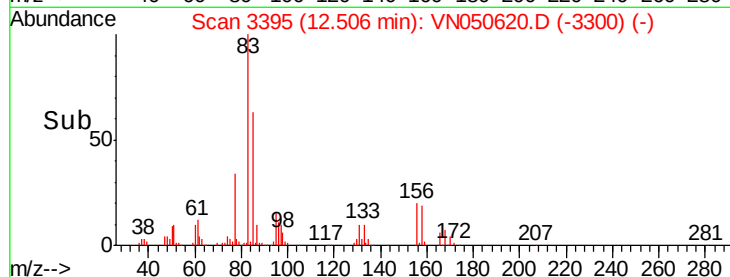
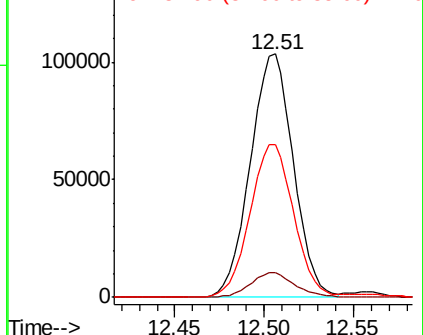
85 63.5 32.1 96.5



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: 28.725 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050620.D

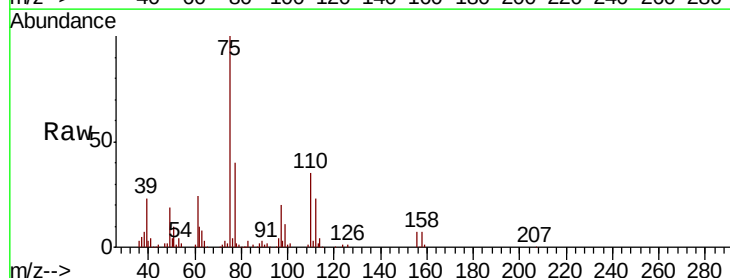
Acq: 14 Aug 2018 23:25

Tgt Ion: 75 Resp: 199954

Ion Ratio Lower Upper

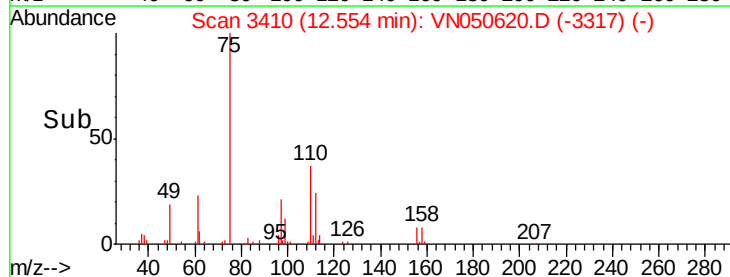
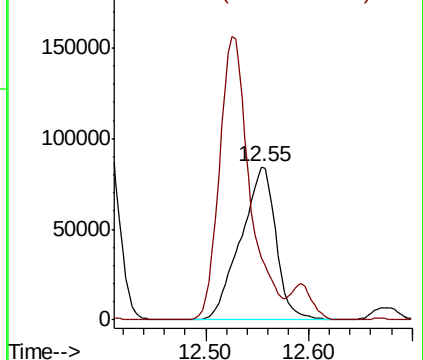
75 100

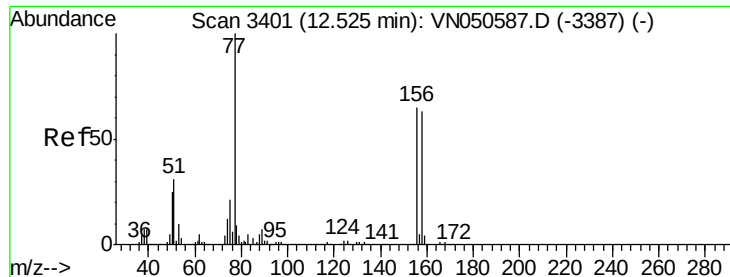
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.645 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

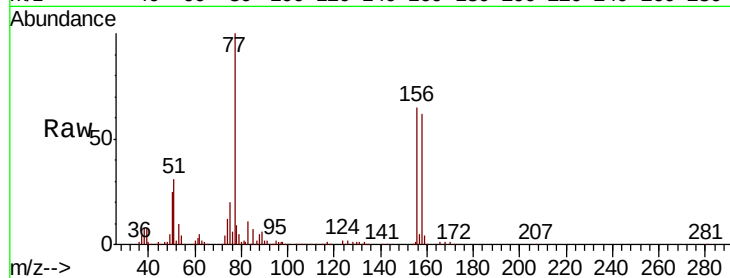
Tgt Ion:156 Resp: 176852

Ion Ratio Lower Upper

156 100

77 181.7 89.0 267.1

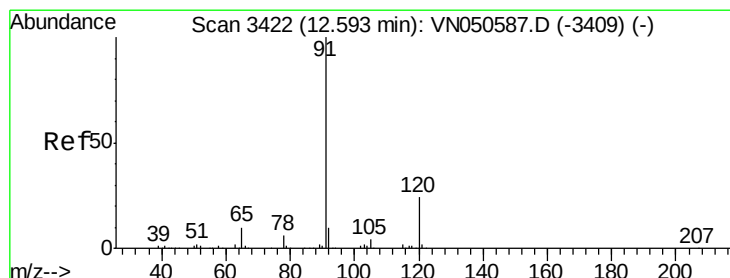
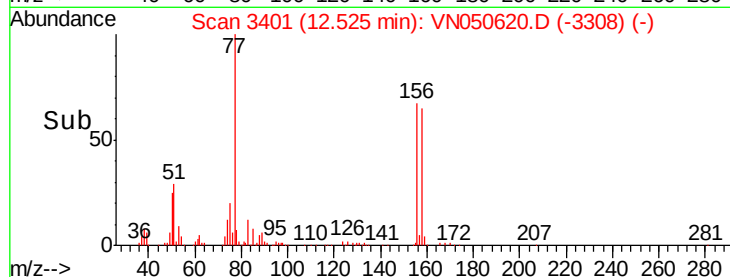
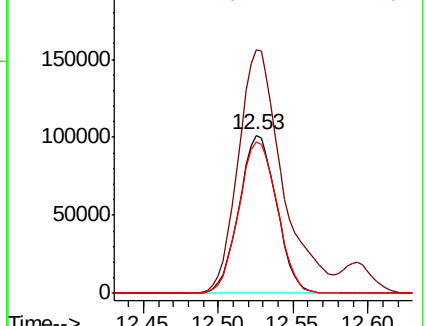
158 98.2 48.5 145.6



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: 20.705 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050620.D

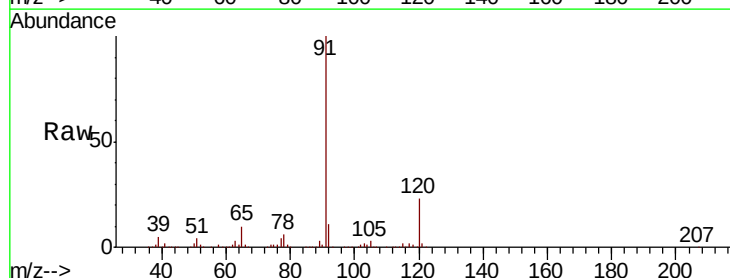
Acq: 14 Aug 2018 23:25

Tgt Ion: 91 Resp: 765565

Ion Ratio Lower Upper

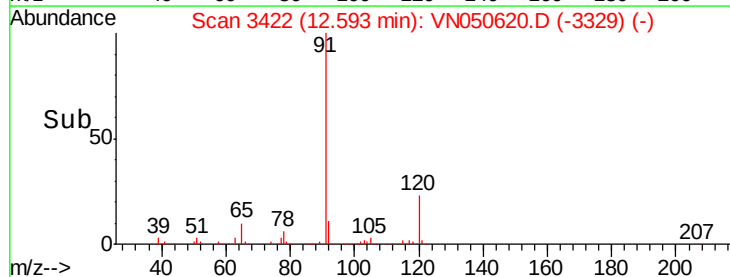
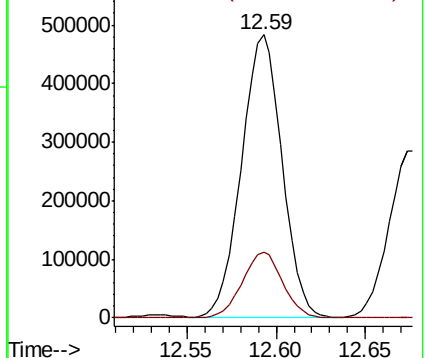
91 100

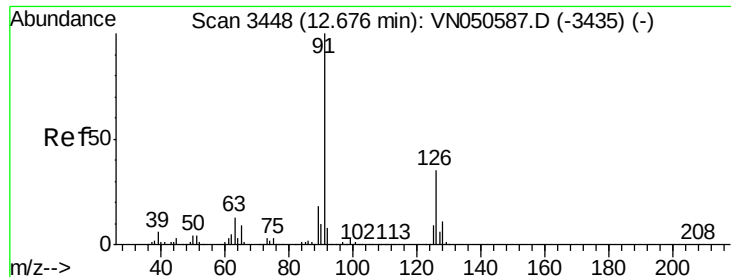
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.484 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampled :

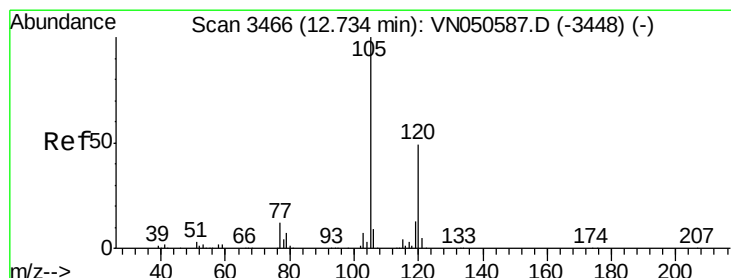
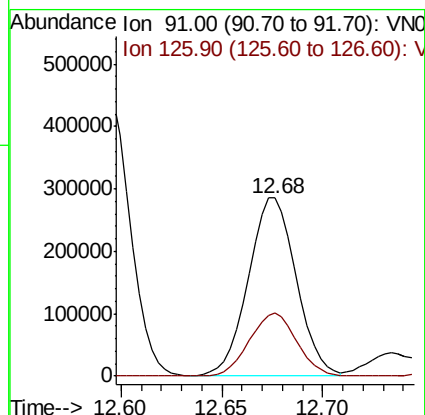
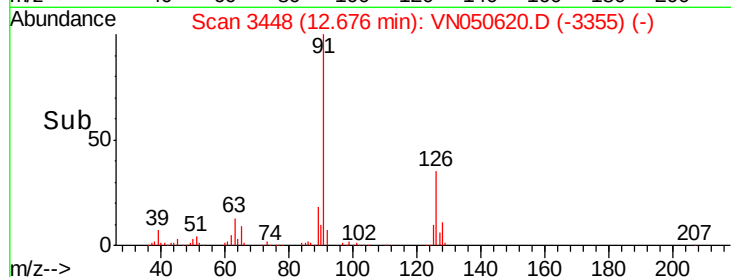
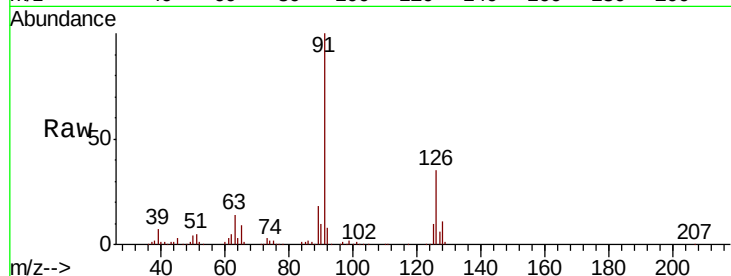
VN0814WBSD02

Tgt Ion: 91 Resp: 472198

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.055 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050620.D

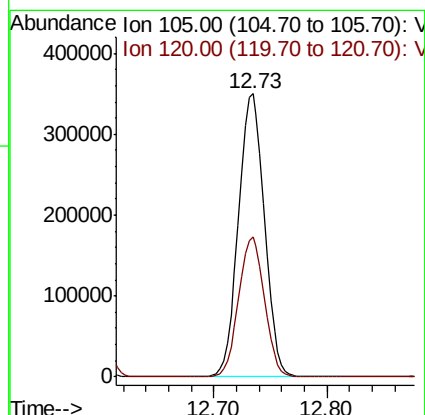
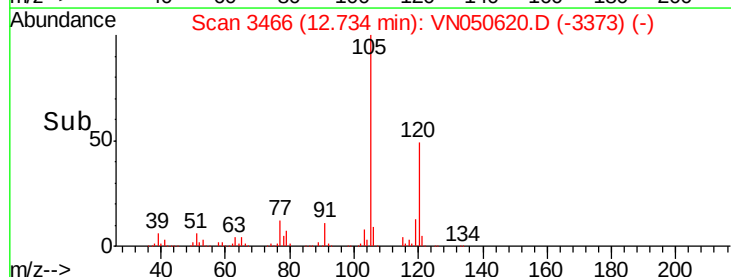
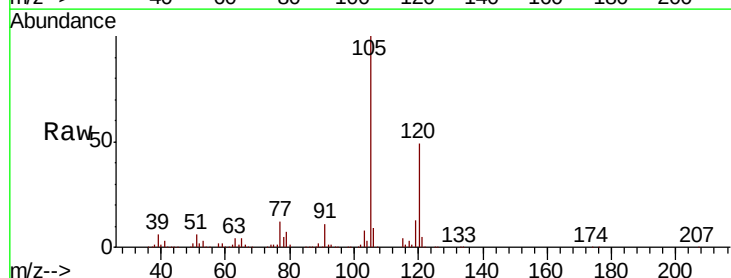
Acq: 14 Aug 2018 23:25

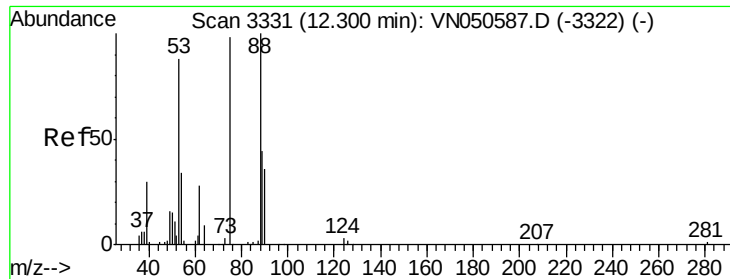
Tgt Ion: 105 Resp: 558973

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.090 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

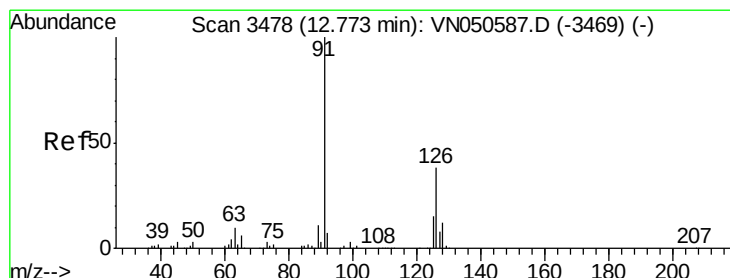
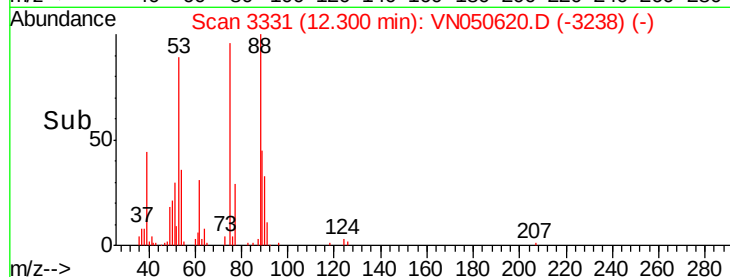
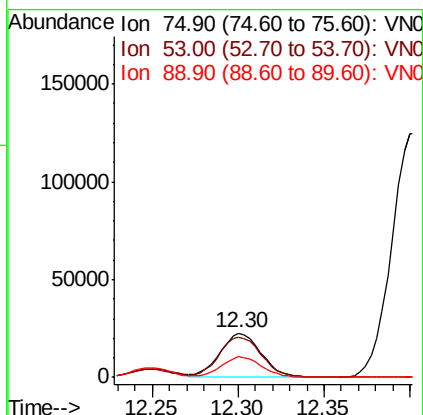
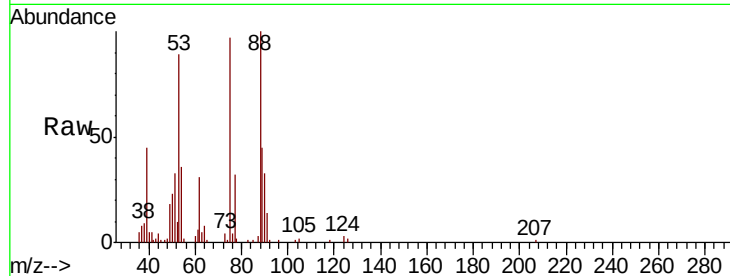
Tgt Ion: 75 Resp: 38350

Ion Ratio Lower Upper

75 100

53 93.4 72.2 108.2

89 45.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.693 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050620.D

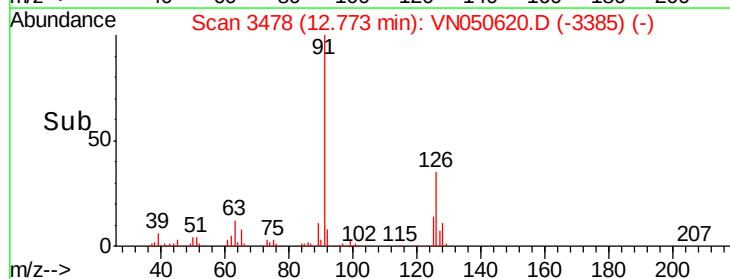
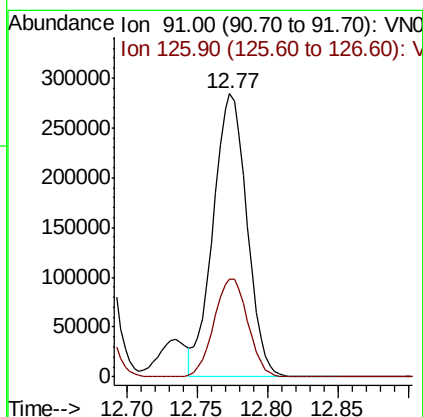
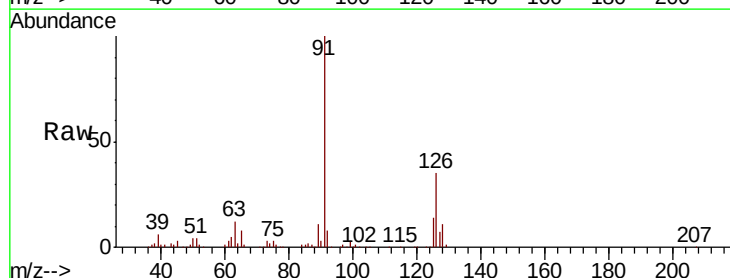
Acq: 14 Aug 2018 23:25

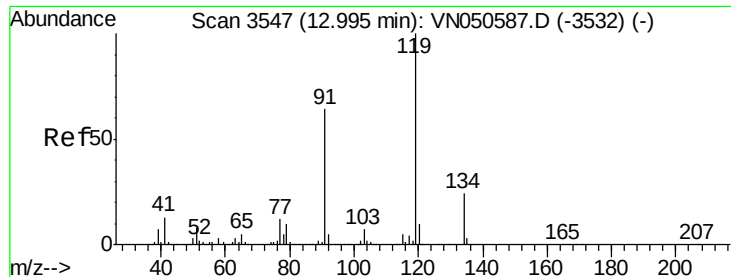
Tgt Ion: 91 Resp: 471384

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0

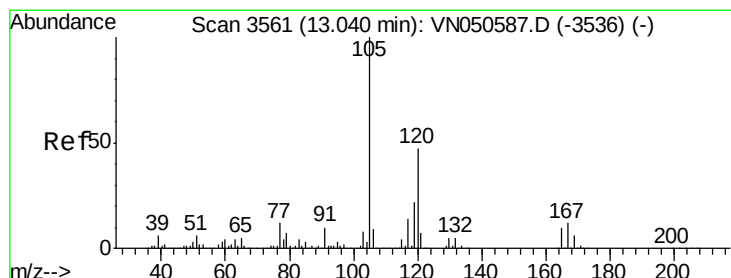
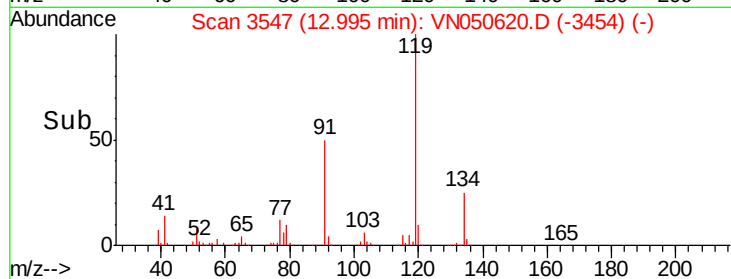
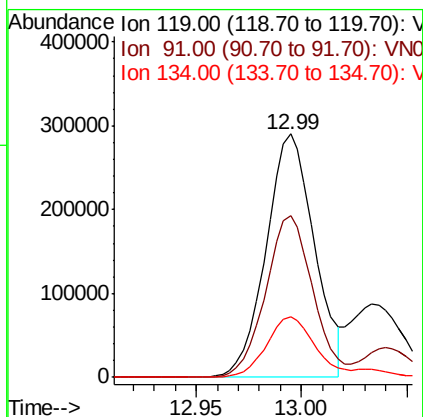
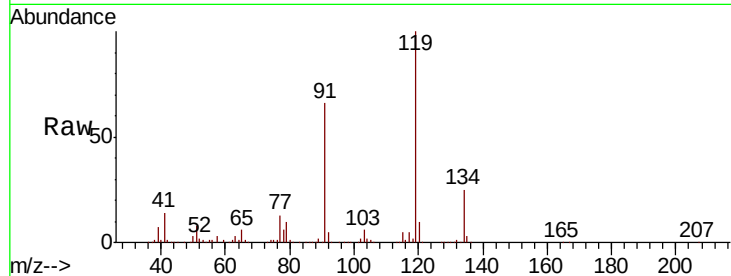




#83
 tert-Butylbenzene
 Concen: 20.047 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

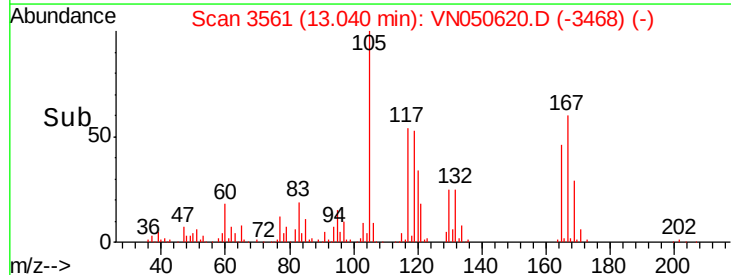
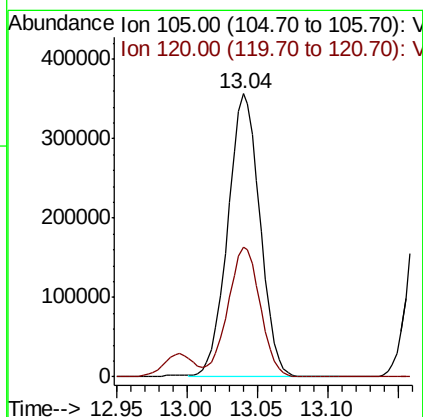
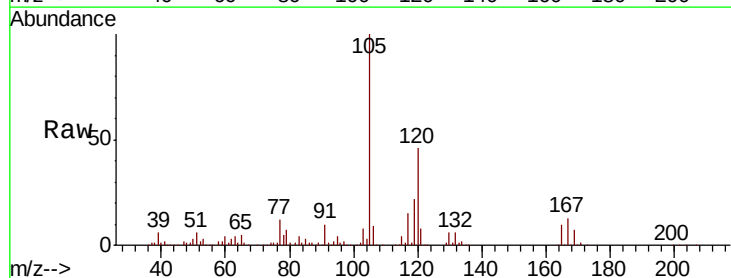
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

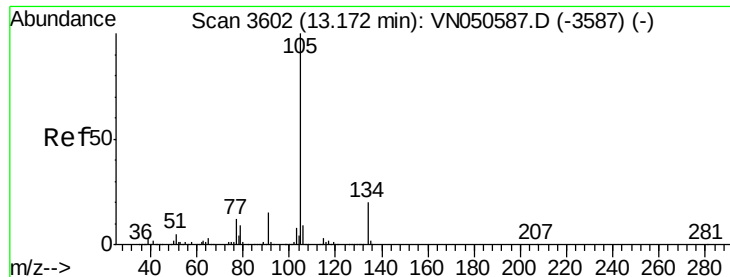
Tgt Ion:119 Resp: 461973
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.2 96.6
 134 25.1 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 21.313 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion:105 Resp: 567917
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.742 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

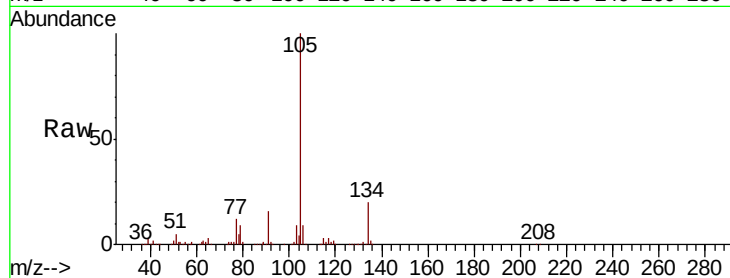
VN0814WBSD02

Tgt Ion:105 Resp: 624661

Ion Ratio Lower Upper

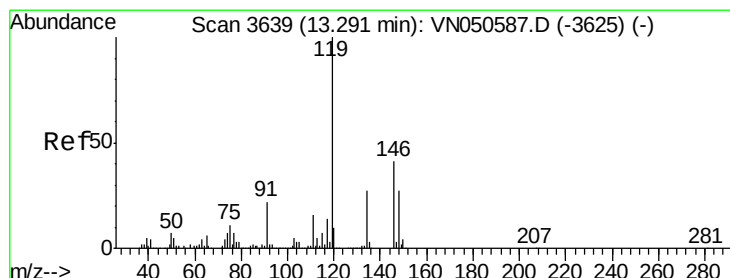
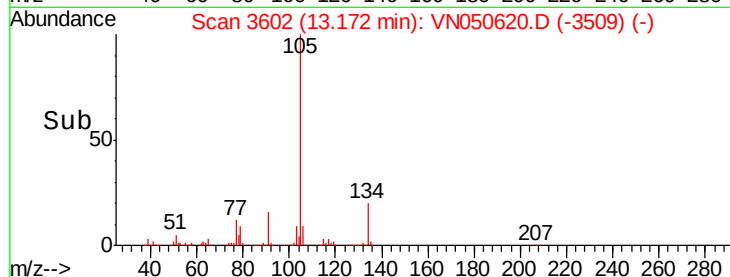
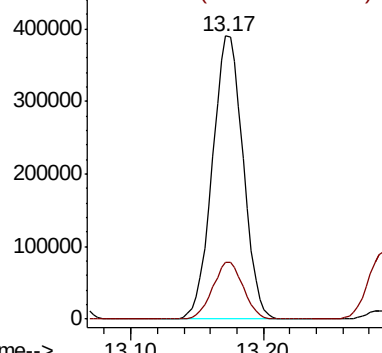
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.011 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050620.D

Acq: 14 Aug 2018 23:25

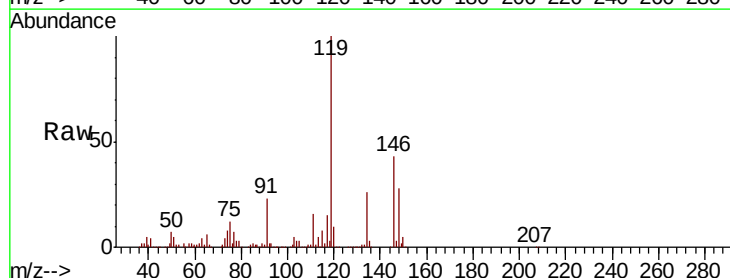
Tgt Ion:119 Resp: 536154

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

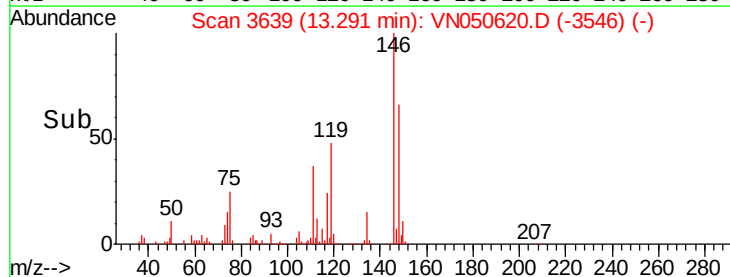
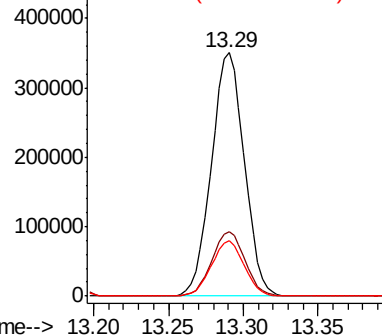
91 22.5 11.2 33.6

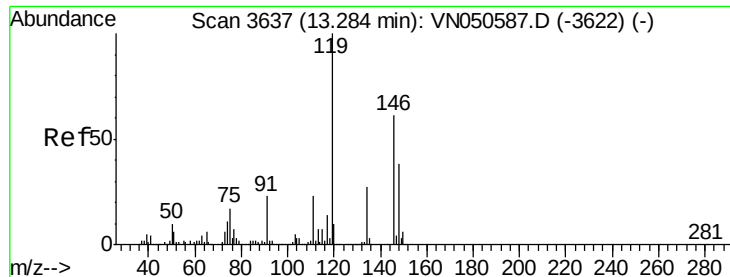


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

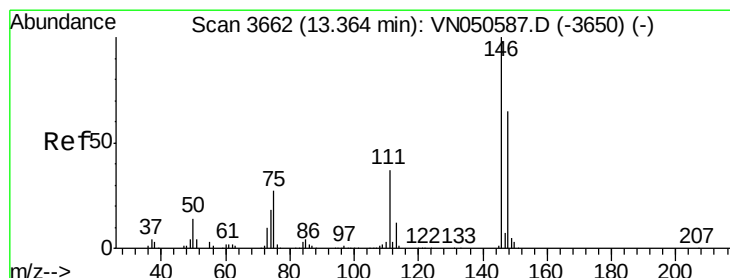
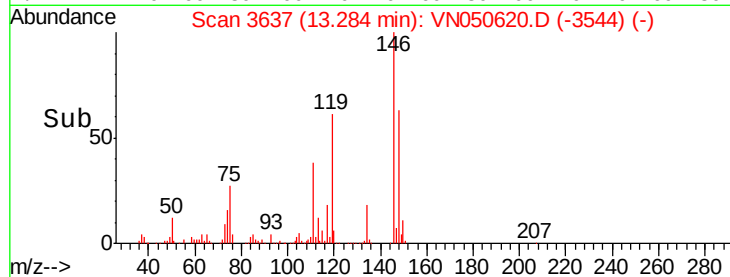
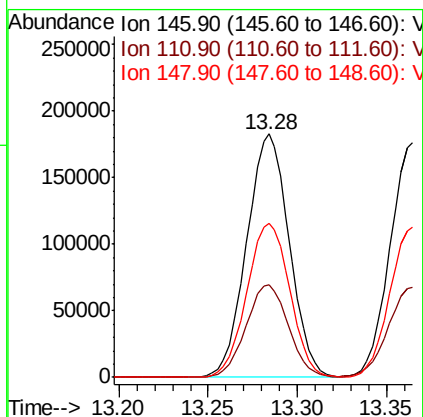
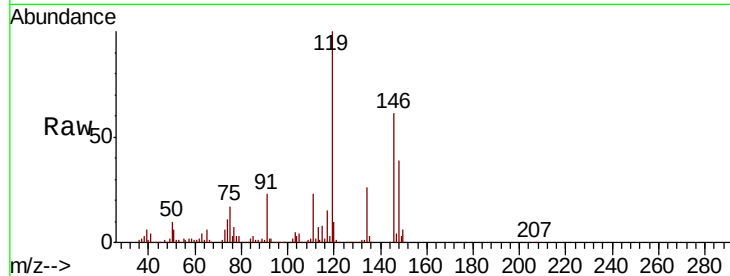




#87
 1,3-Dichlorobenzene
 Concen: 19.885 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

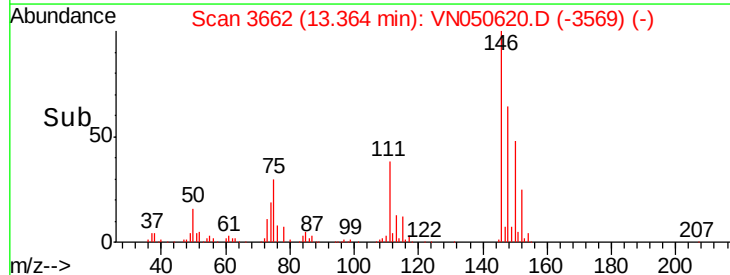
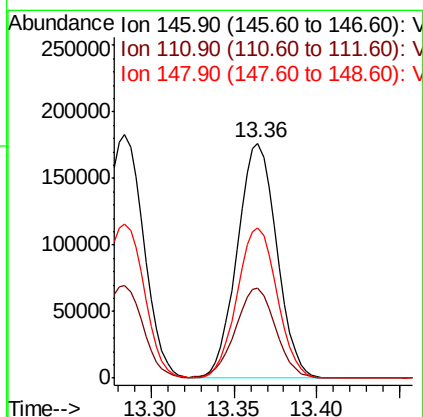
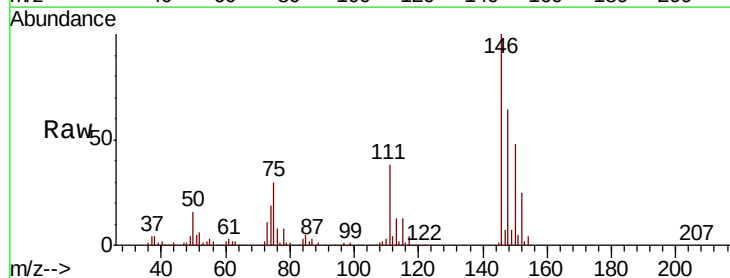
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

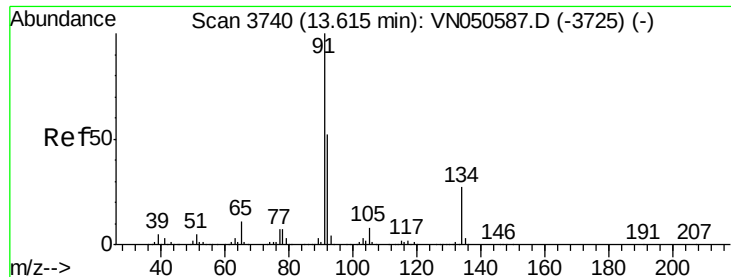
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.2	57.6
148	64.2	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.221 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.8	56.4
148	64.7	32.3	96.8

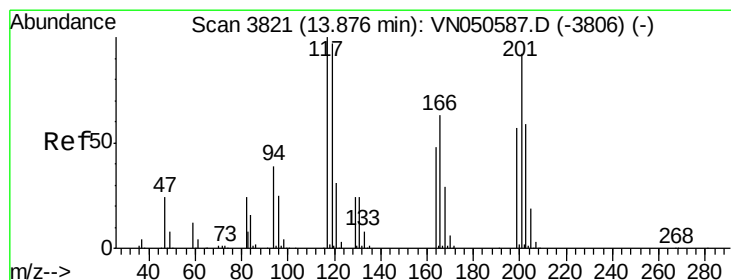
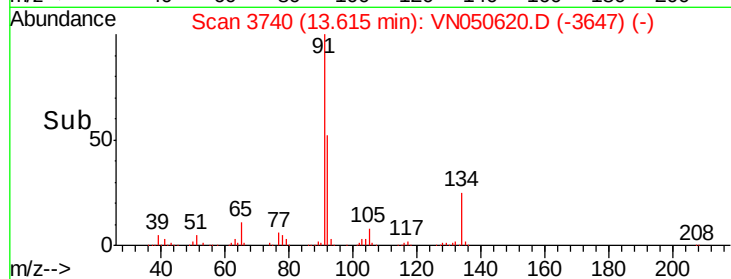
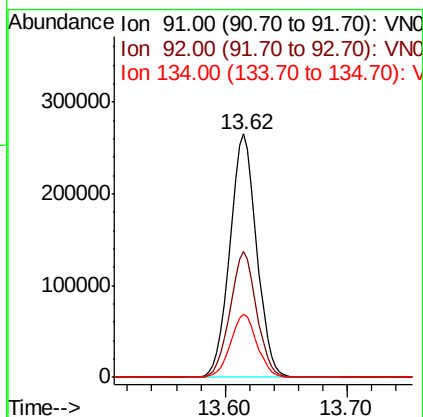
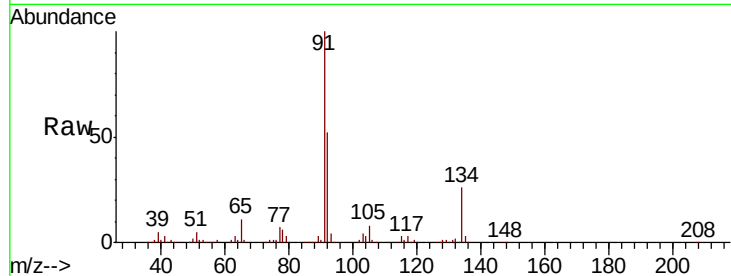




#89
n-Butylbenzene
Concen: 19.658 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

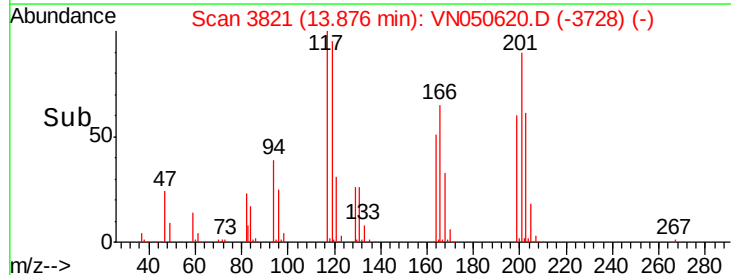
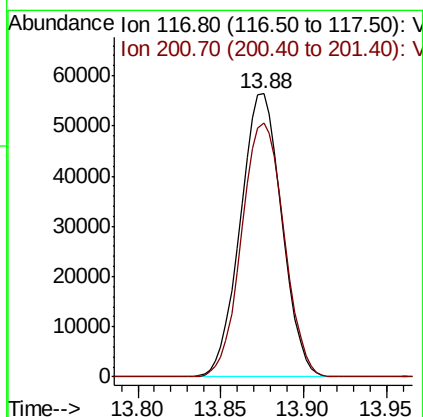
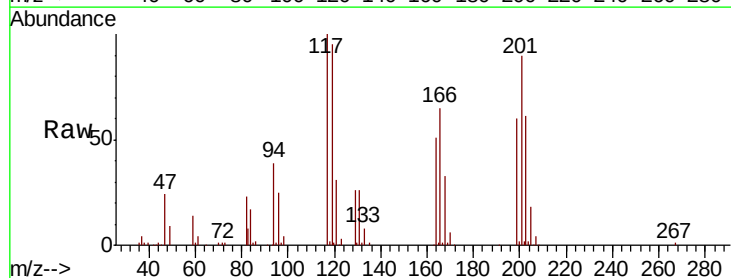
Instrument :
MSVOA_N
ClientSampled :
VN0814WBSD02

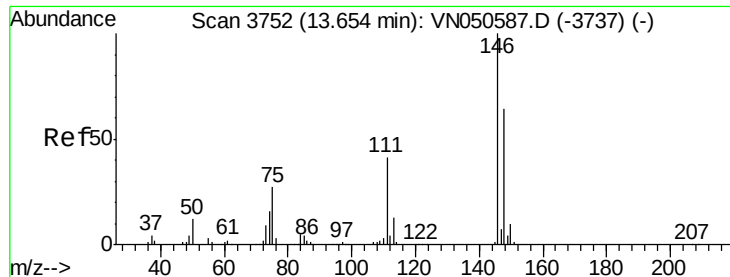
Tgt Ion: 91 Resp: 405083
Ion Ratio Lower Upper
91 100
92 51.1 26.3 78.8
134 25.5 13.3 39.9



#90
Hexachloroethane
Concen: 19.175 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion: 117 Resp: 98392
Ion Ratio Lower Upper
117 100
201 91.6 45.5 136.5

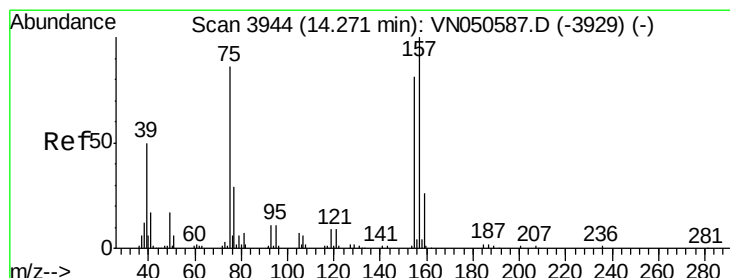
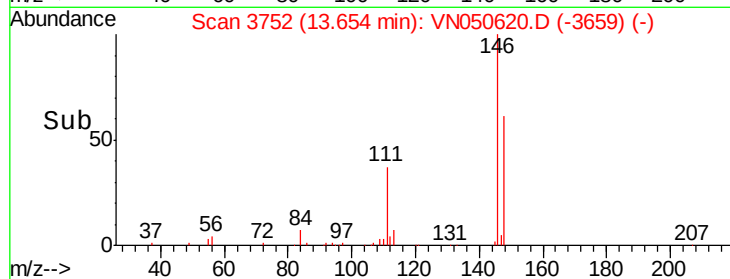
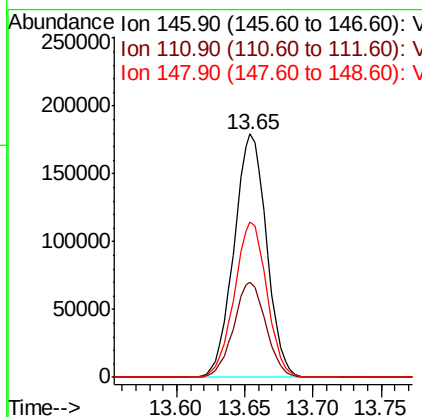
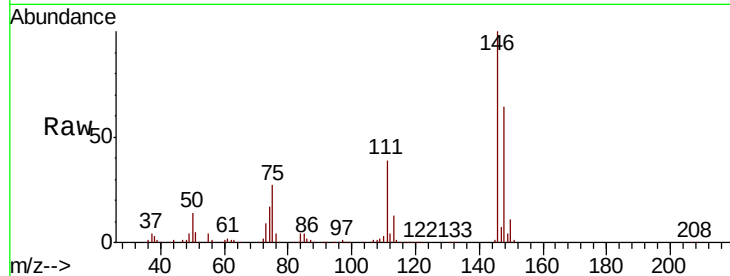




#91
 1,2-Dichlorobenzene
 Concen: 19.852 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

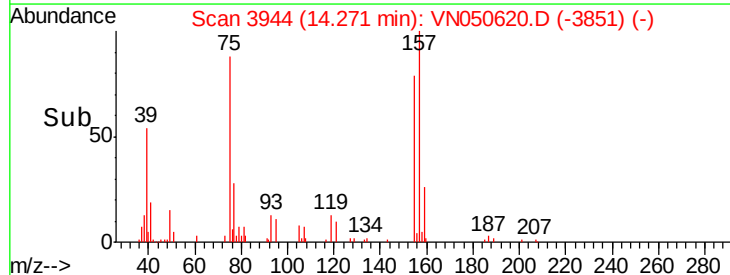
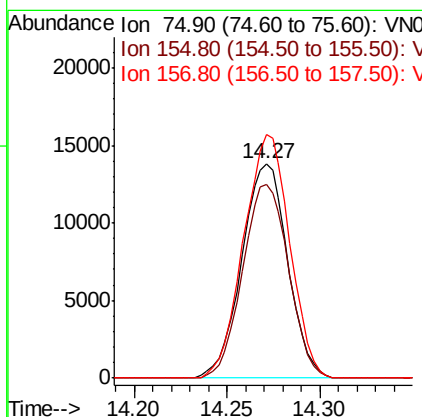
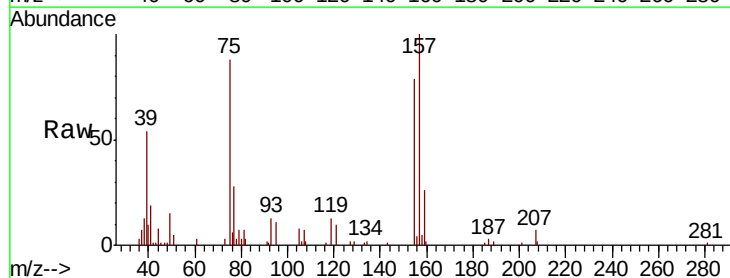
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

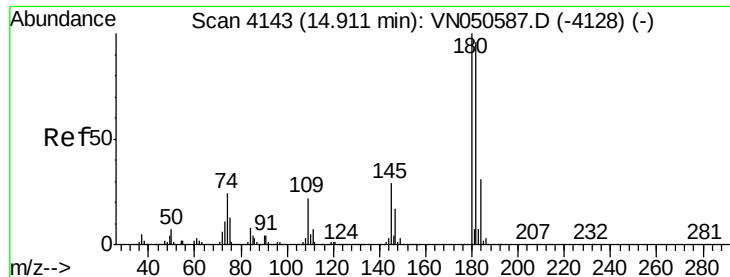
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.4
148	63.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.155 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	46.6	139.8
157	113.7	58.1	174.2

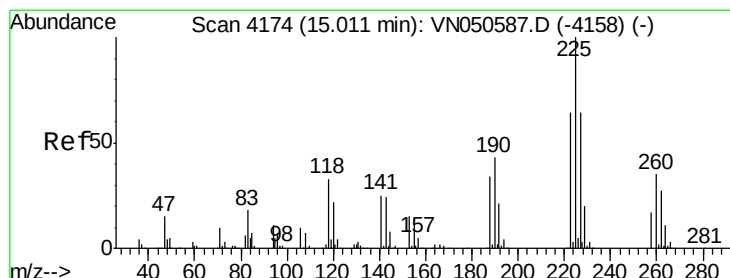
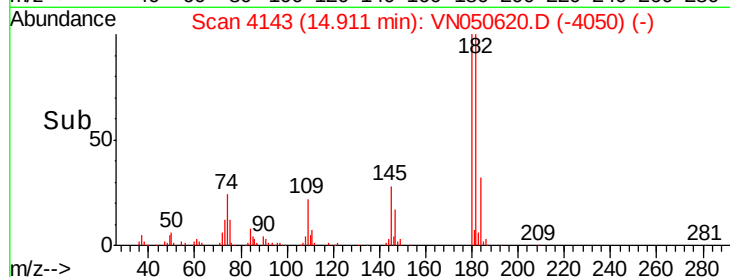
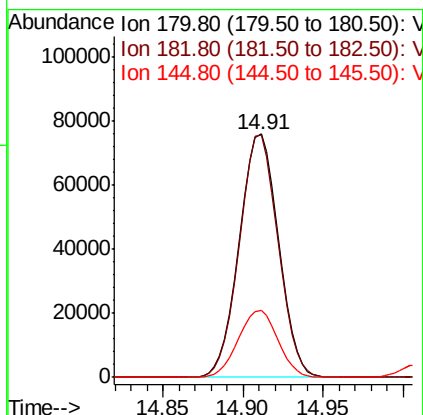
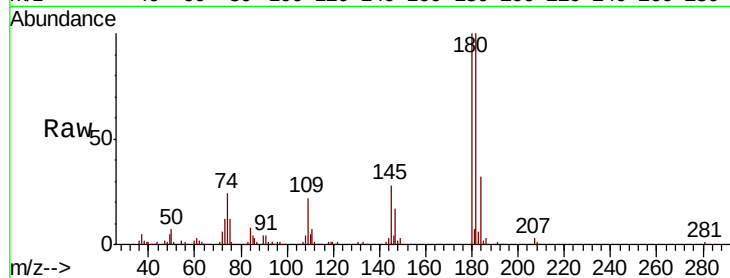




#93
 1,2,4-Trichlorobenzene
 Concen: 18.350 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

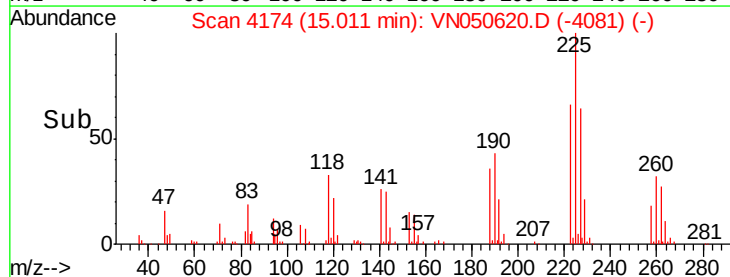
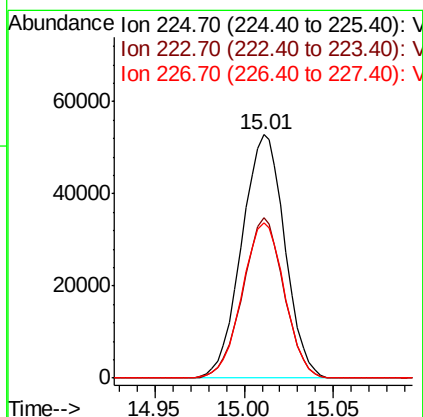
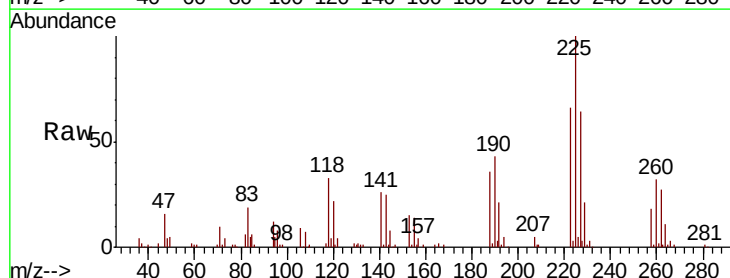
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

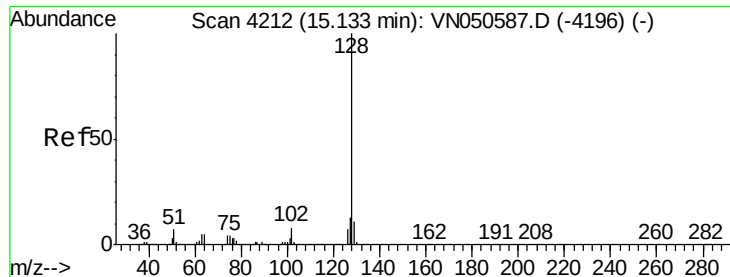
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.9	143.7
145	27.7	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 19.413 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050620.D
 Acq: 14 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.1	96.3
227	62.9	32.0	96.2

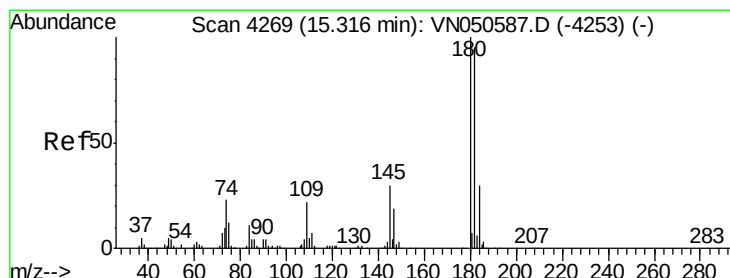
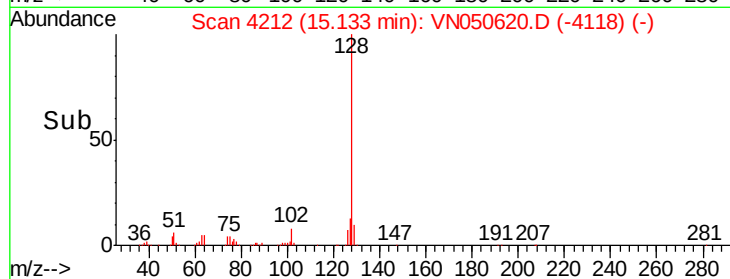
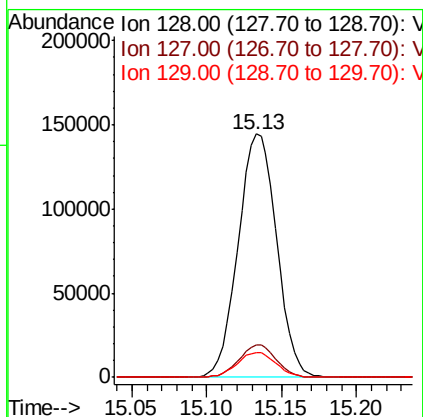
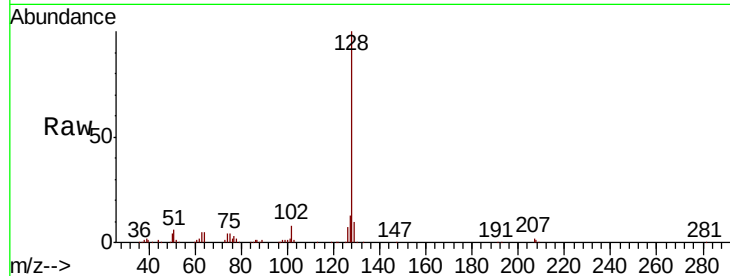




#95
Naphthalene
Concen: 18.461 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

Tgt Ion:128 Resp: 258279
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.5 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.981 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. -0.00 min
Lab File: VN050620.D
Acq: 14 Aug 2018 23:25

Tgt Ion:180 Resp: 127077
Ion Ratio Lower Upper
180 100
182 96.9 47.3 141.8
145 30.0 14.6 44.0

