

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052312.D
 Acq On : 14 Nov 2018 14:55
 Operator : MD\SY
 Sample : VN1114WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Quant Time: Nov 15 03:27:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	284123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	476159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	424159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	188585	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
35) Dibromofluoromethane	7.59	113	148404	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	10.09	98	580503	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.40	95	186274	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	61539	20.440	ug/l	97
3) Chloromethane	2.06	50	81770	19.543	ug/l	98
4) Vinyl Chloride	2.19	62	70919	19.609	ug/l	97
5) Bromomethane	2.57	94	42881	19.018	ug/l	93
6) Chloroethane	2.71	64	38290	18.725	ug/l	99
7) Trichlorofluoromethane	3.02	101	99966	19.974	ug/l	96
8) Diethyl Ether	3.41	74	35733	18.733	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	62981	19.927	ug/l	98
10) Methyl Iodide	3.96	142	75421	17.773	ug/l	100
11) Tert butyl alcohol	4.78	59	20067	94.690	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	54743	18.717	ug/l	92
13) Acrolein	3.61	56	29894	107.148	ug/l	98
14) Allyl chloride	4.33	41	109986	18.314	ug/l	98
15) Acrylonitrile	4.99	53	116953	96.646	ug/l	98
16) Acetone	3.82	43	106944	96.792	ug/l	100
17) Carbon Disulfide	4.06	76	158251	18.869	ug/l	97
18) Methyl Acetate	4.33	43	58839	19.272	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	160609	19.109	ug/l	99
20) Methylene Chloride	4.56	84	70616	20.596	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	58152	18.467	ug/l	95
22) Diisopropyl ether	5.95	45	236489	19.299	ug/l	99
23) Vinyl Acetate	5.90	43	811920	97.676	ug/l	100
24) 1,1-Dichloroethane	5.85	63	121578	18.503	ug/l	99
25) 2-Butanone	6.84	43	152694	98.183	ug/l	99
26) 2,2-Dichloropropane	6.83	77	90516	18.735	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	68166	18.595	ug/l	97
28) Bromochloromethane	7.19	49	63358	18.754	ug/l	98
29) Tetrahydrofuran	7.21	42	96189	94.150	ug/l	99
30) Chloroform	7.37	83	117206	18.718	ug/l	93
31) Cyclohexane	7.65	56	124126	19.704	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	97611	18.299	ug/l	98
36) 1,1-Dichloropropene	7.79	75	91429	19.157	ug/l	98
37) Ethyl Acetate	6.93	43	66083	19.079	ug/l #	97
38) Carbon Tetrachloride	7.77	117	86357	19.695	ug/l	98

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 Sample : VN1114WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Quant Time: Nov 15 03:27:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	110840	20.344	ug/l	99
40) Benzene	8.04	78	264307	19.386	ug/l	99
41) Methacrylonitrile	7.17	41	33460	19.804	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	93787	19.290	ug/l	98
43) Isopropyl Acetate	8.16	43	121261	18.143	ug/l	97
44) Trichloroethene	8.84	130	67213	20.013	ug/l	95
45) 1,2-Dichloropropane	9.12	63	74221	19.182	ug/l	99
46) Dibromomethane	9.21	93	43015	19.204	ug/l	98
47) Bromodichloromethane	9.40	83	86124	18.737	ug/l	99
48) Methyl methacrylate	9.20	41	64087	18.897	ug/l	97
49) 1,4-Dioxane	9.20	88	11116	426.977	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	331655	98.579	ug/l	99
52) Toluene	10.16	92	161404	19.789	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	87285	18.828	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	102458	19.387	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	56449	19.092	ug/l	98
56) Ethyl methacrylate	10.43	69	76343	19.633	ug/l	98
57) 1,3-Dichloropropane	10.71	76	103947	19.848	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	218245	98.584	ug/l	100
59) 2-Hexanone	10.75	43	225121	97.282	ug/l	99
60) Dibromochloromethane	10.90	129	59211	18.509	ug/l	97
61) 1,2-Dibromoethane	11.00	107	56645	19.233	ug/l	98
64) Tetrachloroethene	10.63	164	57469	19.058	ug/l	97
65) Chlorobenzene	11.43	112	171050	19.078	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	60034	19.636	ug/l	99
67) Ethyl Benzene	11.51	91	307154	19.739	ug/l	99
68) m/p-Xylenes	11.62	106	228130	40.124	ug/l	99
69) o-Xylene	11.95	106	109442	20.081	ug/l	99
70) Styrene	11.96	104	172594	19.778	ug/l	98
71) Bromoform	12.12	173	32954	18.256	ug/l #	98
73) Isopropylbenzene	12.25	105	295956	19.960	ug/l	99
74) N-amyl acetate	12.07	43	101420	19.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	68127	19.007	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	90161	28.812	ug/l #	100
77) Bromobenzene	12.52	156	67715	19.628	ug/l	98
78) n-propylbenzene	12.59	91	347996	20.068	ug/l	99
79) 2-Chlorotoluene	12.67	91	202995	20.039	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	241913	20.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	17138	17.763	ug/l	91
82) 4-Chlorotoluene	12.77	91	200076	19.278	ug/l	100
83) tert-Butylbenzene	12.99	119	208971	20.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	236952	20.018	ug/l	98
85) sec-Butylbenzene	13.17	105	289834	20.439	ug/l	99
86) p-Isopropyltoluene	13.29	119	242203	20.163	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	119389	19.485	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	119008	19.537	ug/l	99
89) n-Butylbenzene	13.61	91	213182	20.664	ug/l	99
90) Hexachloroethane	13.87	117	39530	18.580	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	113996	19.204	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10089	19.088	ug/l	92

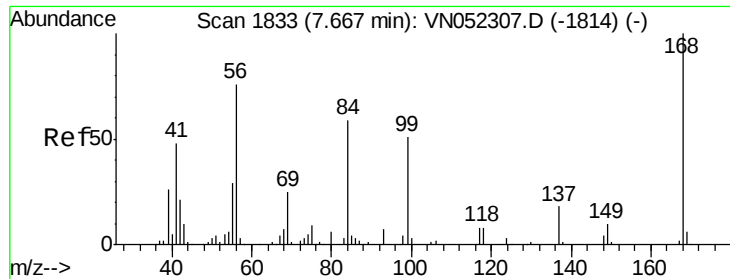
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
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ClientSampleId :
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Quant Time: Nov 15 03:27:23 2018
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Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50484	19.710	ug/l	97
94) Hexachlorobutadiene	15.01	225	28115	20.693	ug/l	98
95) Naphthalene	15.13	128	113349	19.063	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	45206	20.041	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

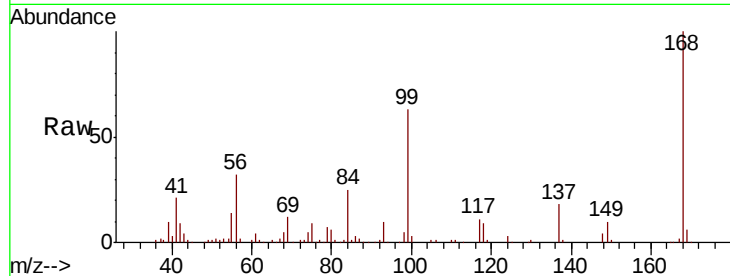
VN1114WBS01

Tot Ion:168 Resp: 284123

Ion Ratio Lower Upper

168 100

99 62.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

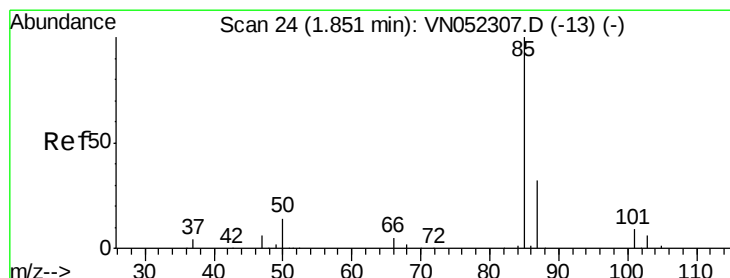
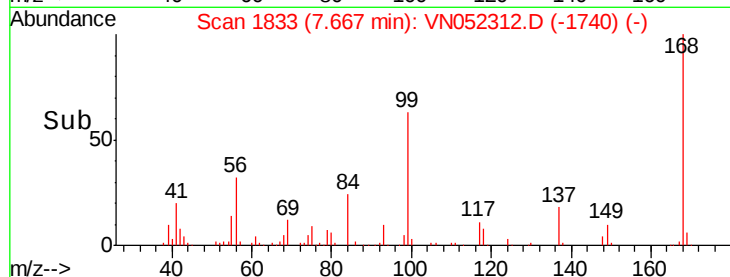
7.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.440 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052312.D

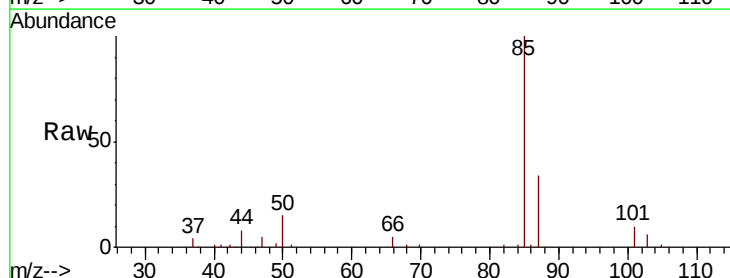
Acq: 14 Nov 2018 14:55

Tgt Ion: 85 Resp: 61539

Ion Ratio Lower Upper

85 100

87 33.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

50000

40000

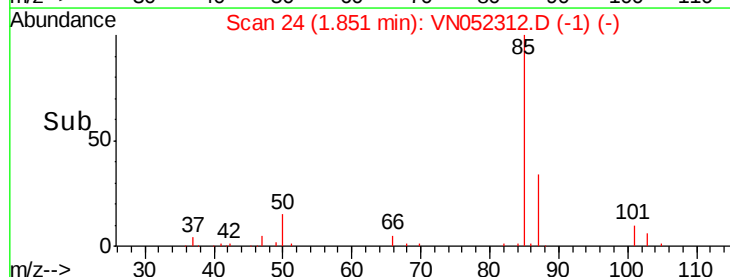
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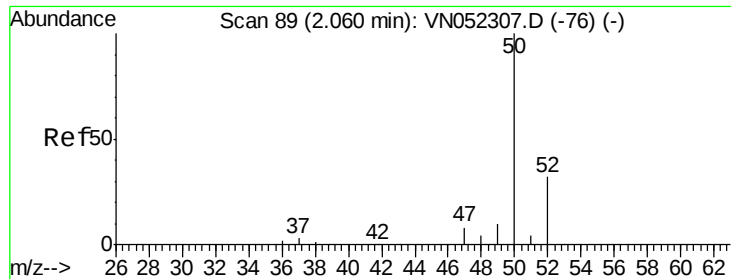
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.543 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

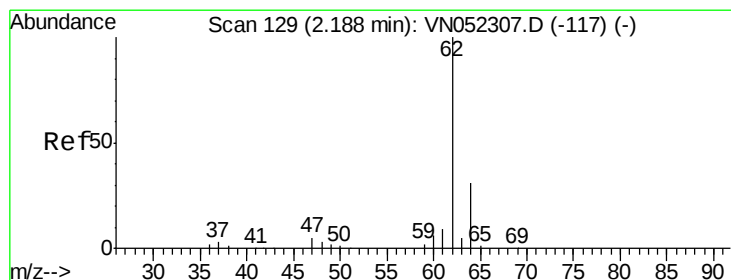
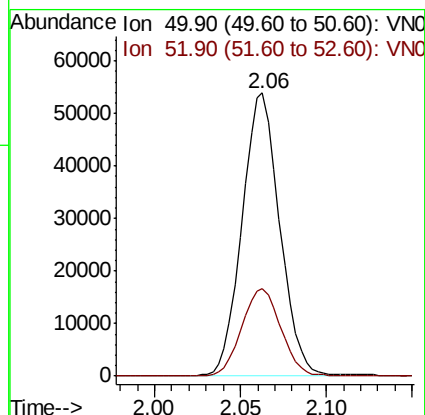
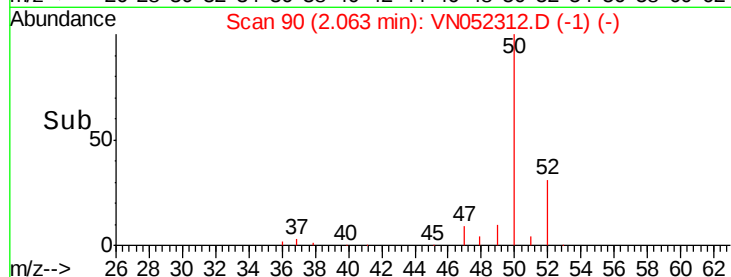
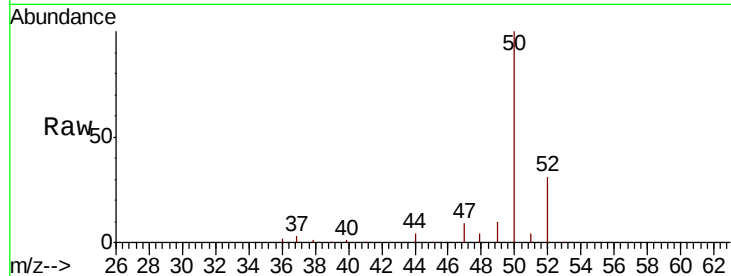
VN1114WBS01

Tot Ion: 50 Resp: 81770

Ion Ratio Lower Upper

50 100

52 31.0 25.5 38.3



#4

Vinyl Chloride

Concen: 19.609 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052312.D

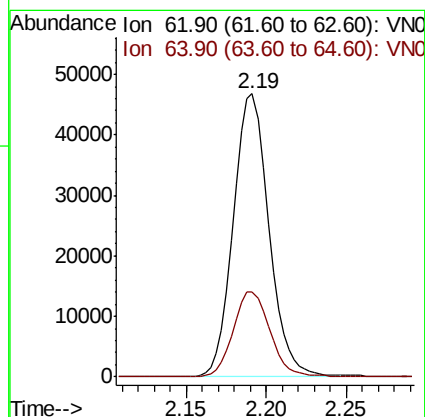
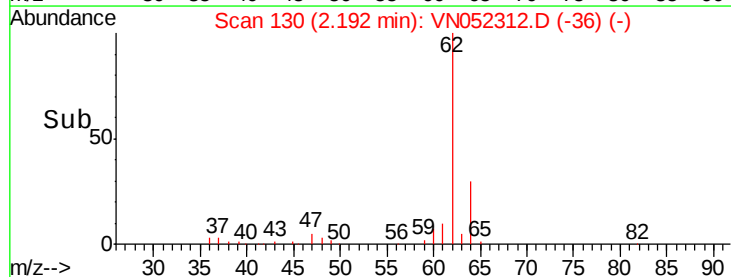
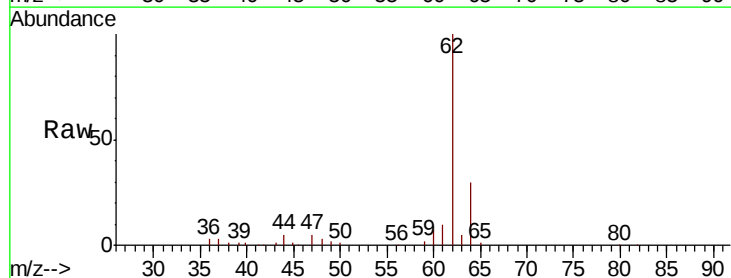
Acq: 14 Nov 2018 14:55

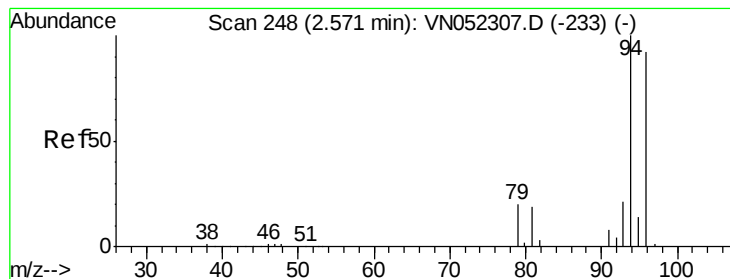
Tgt Ion: 62 Resp: 70919

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 19.018 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

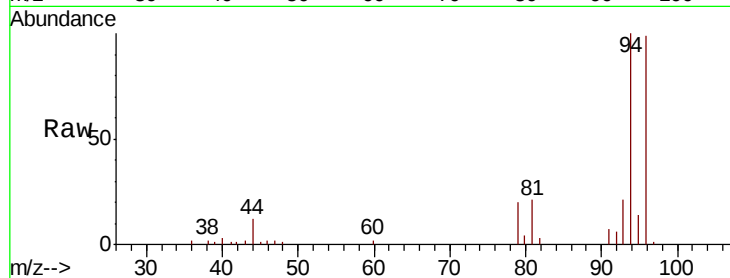
VN1114WBS01

Tot Ion: 94 Resp: 42881

Ion Ratio Lower Upper

94 100

96 99.1 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN052307.D (-233) (-)

Ion 95.90 (95.60 to 96.60): VN052307.D (-233) (-)

25000

20000

15000

10000

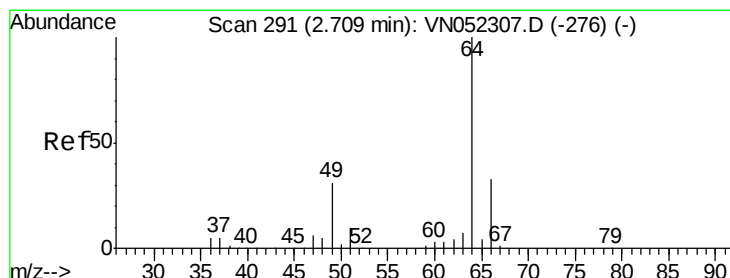
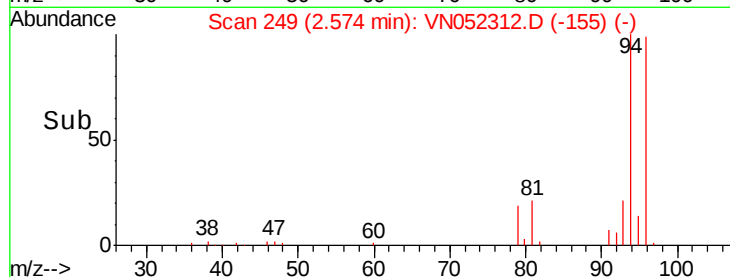
5000

0

Time-->

2.50 2.55 2.60 2.65

2.57



#6

Chloroethane

Concen: 18.725 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052312.D

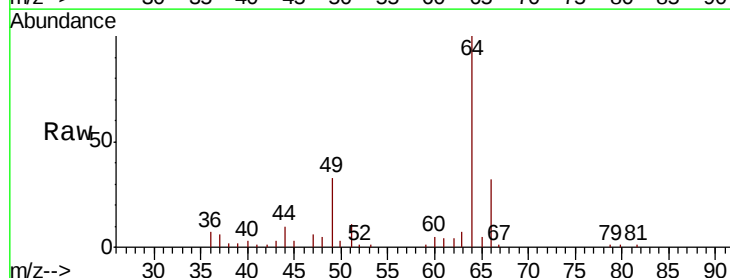
Acq: 14 Nov 2018 14:55

Tgt Ion: 64 Resp: 38290

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN052307.D (-276) (-)

Ion 65.90 (65.60 to 66.60): VN052307.D (-276) (-)

20000

15000

10000

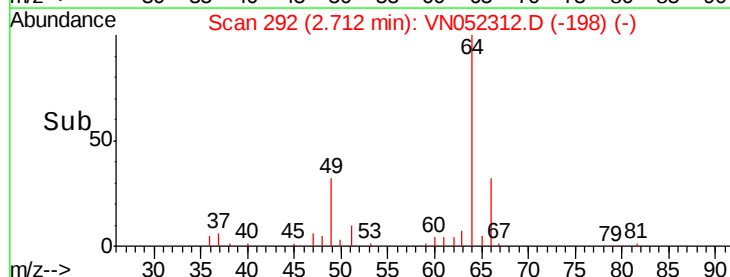
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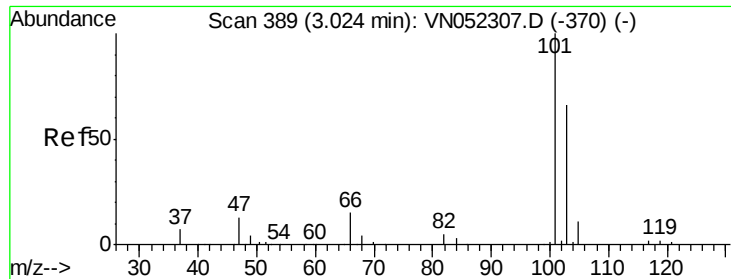
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Time-->

2.65 2.70 2.75 2.80

2.71



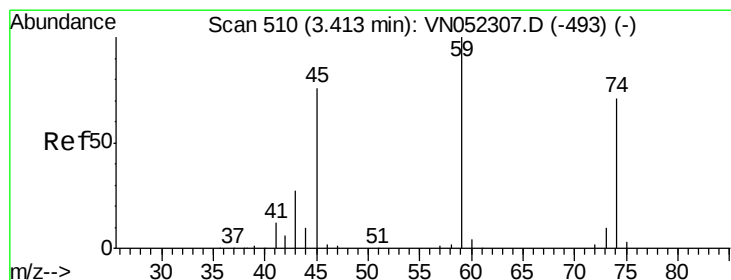
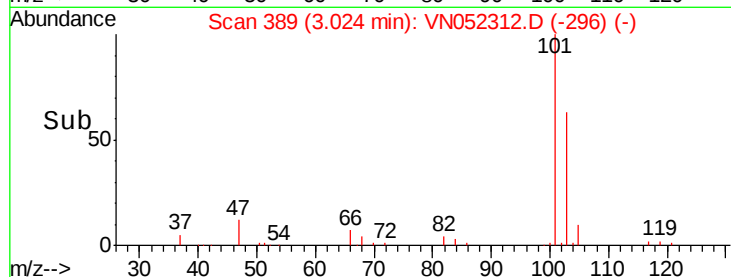
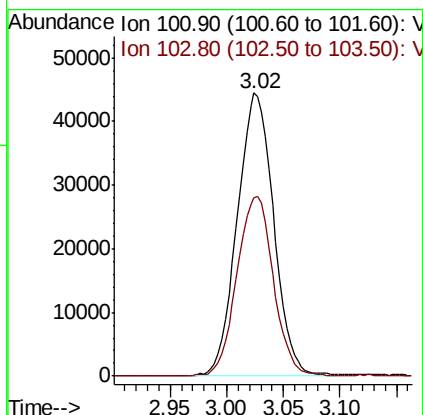
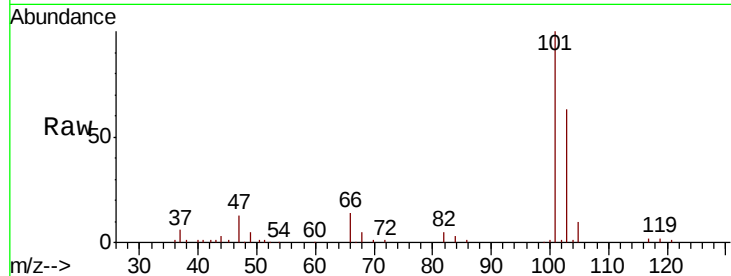


#7

Trichlorofluoromethane
 Concen: 19.974 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

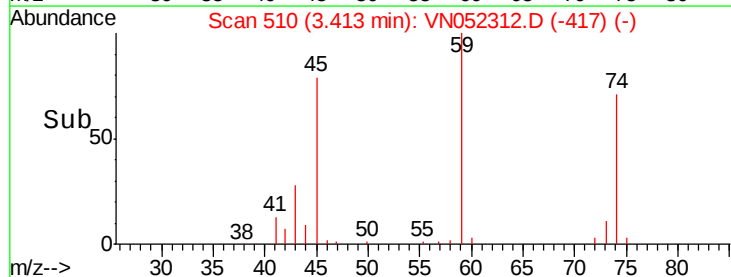
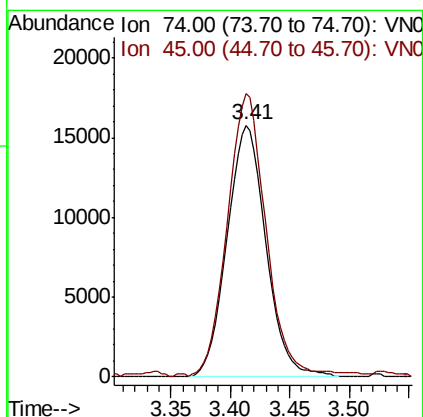
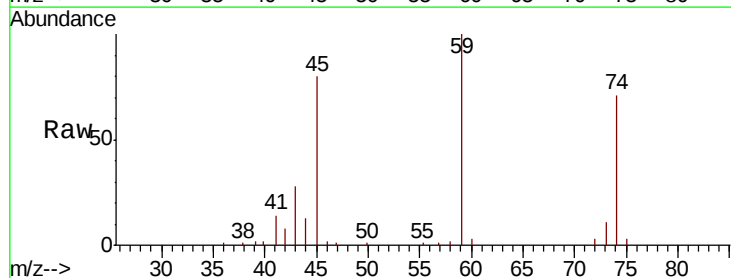
Tot Ion:101 Resp: 99966
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.8 79.2

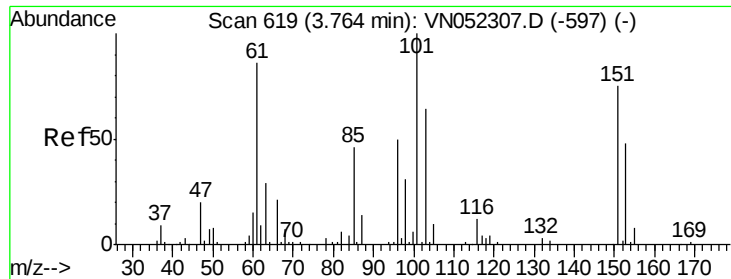


#8

Diethyl Ether
 Concen: 18.733 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion: 74 Resp: 35733
 Ion Ratio Lower Upper
 74 100
 45 111.4 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.927 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

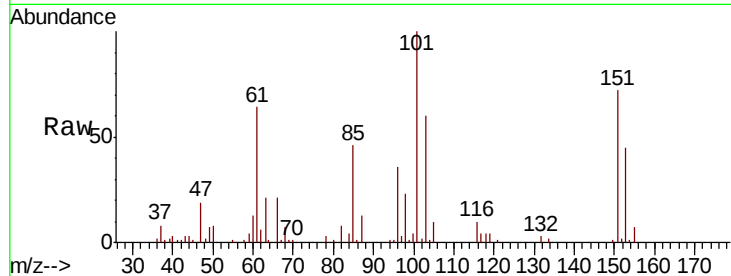
Tot Ion:101 Resp: 62981

Ion Ratio Lower Upper

101 100

85 45.6 37.4 56.0

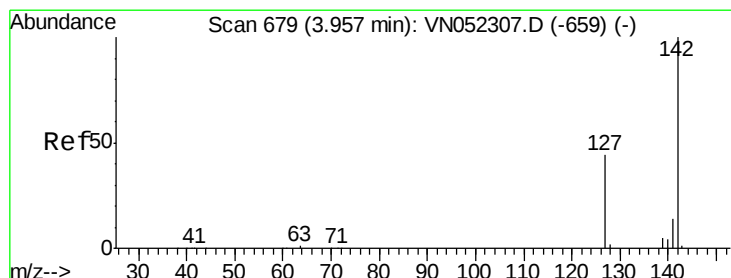
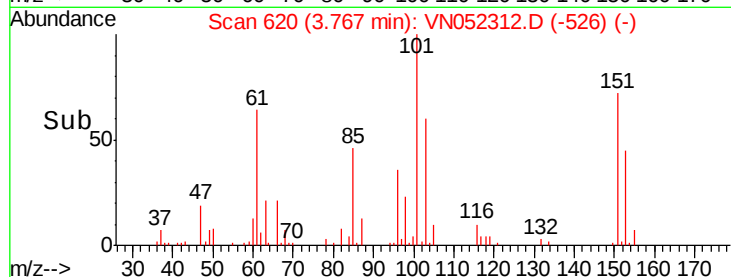
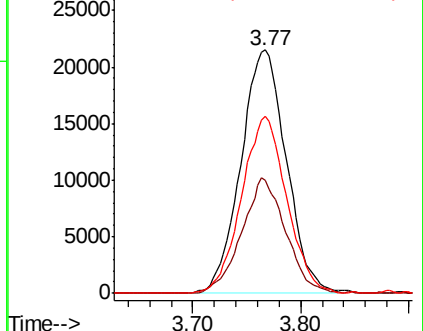
151 72.1 58.6 88.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.773 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

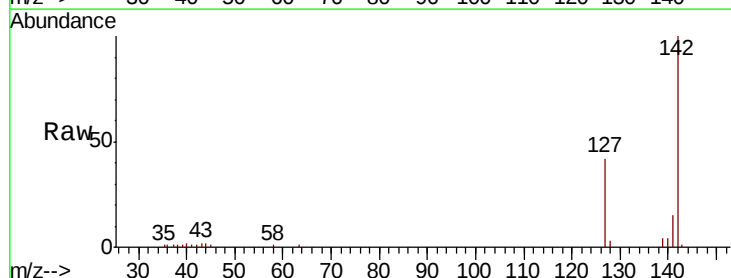
Tgt Ion:142 Resp: 75421

Ion Ratio Lower Upper

142 100

127 45.4 36.3 54.5

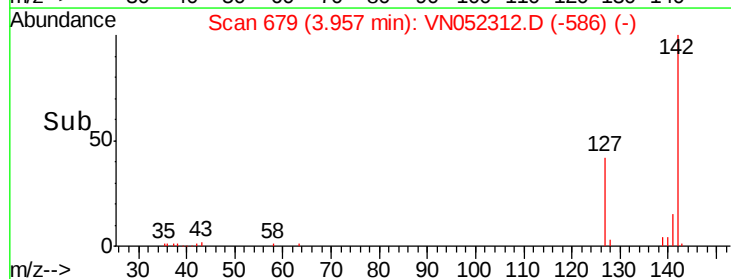
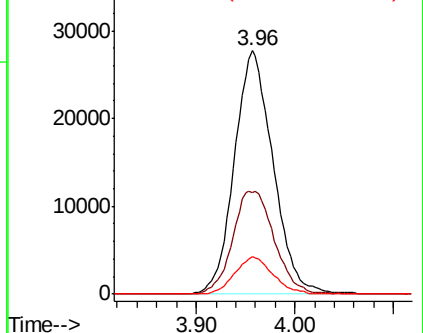
141 14.9 11.4 17.2

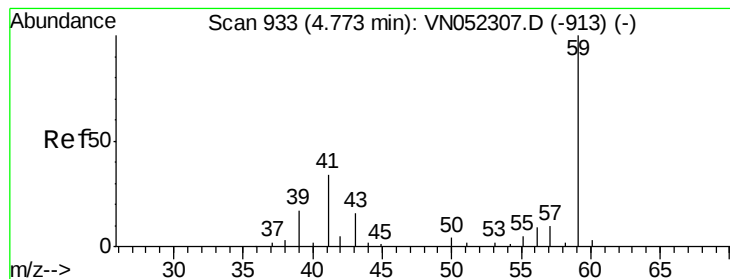


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



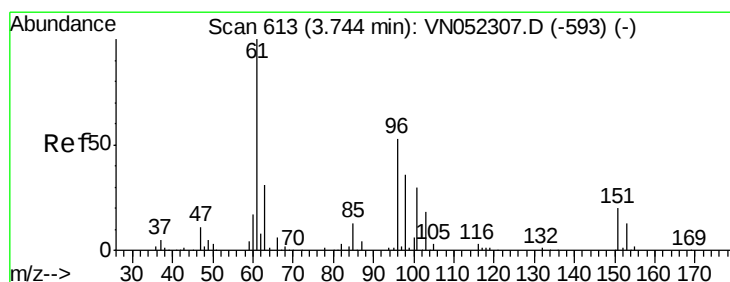
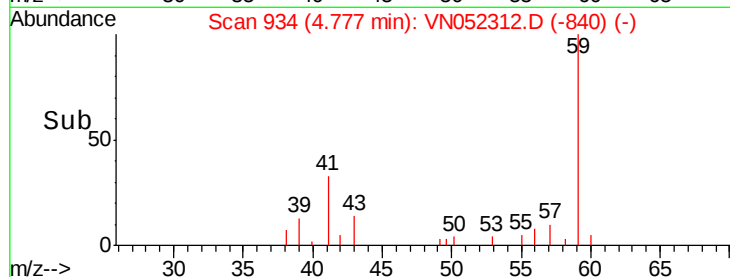
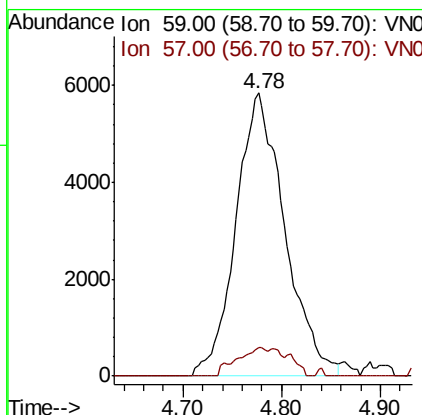
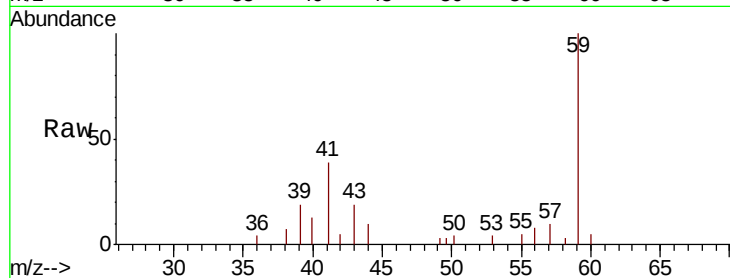


#11

Tert butyl alcohol
 Concen: 94.690 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

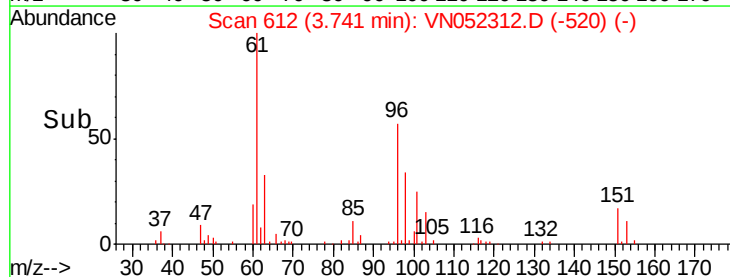
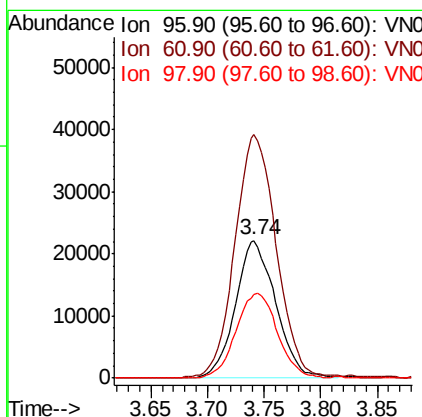
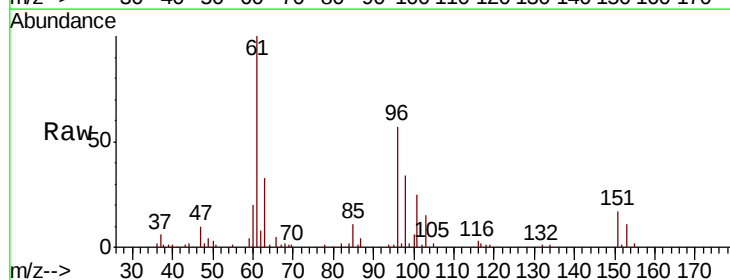
Tot Ion: 59 Resp: 20067
 Ion Ratio Lower Upper
 59 100
 57 6.3 8.5 12.7#

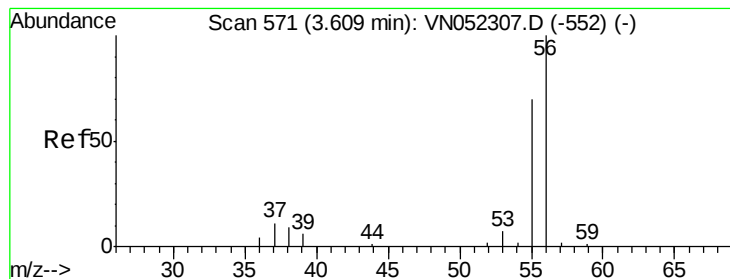


#12

1,1-Dichloroethene
 Concen: 18.717 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion: 96 Resp: 54743
 Ion Ratio Lower Upper
 96 100
 61 175.9 149.6 224.4
 98 60.5 54.2 81.2





#13

Acrolein

Concen: 107.148 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampled :

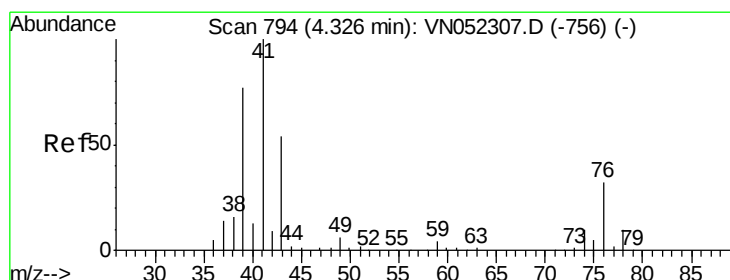
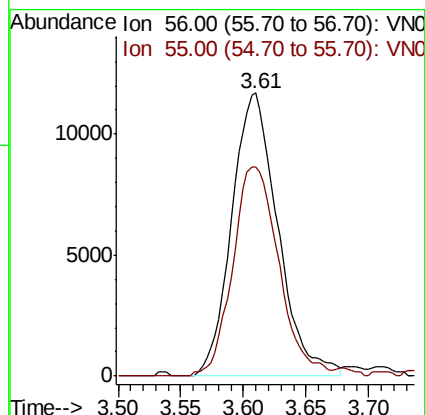
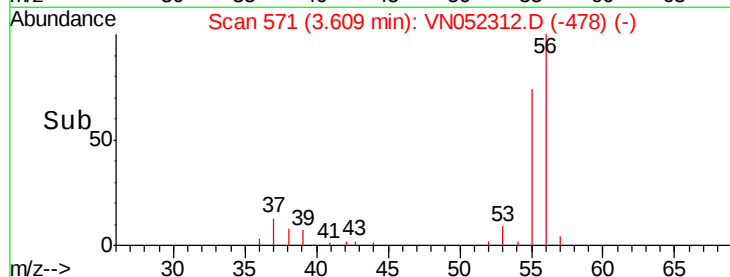
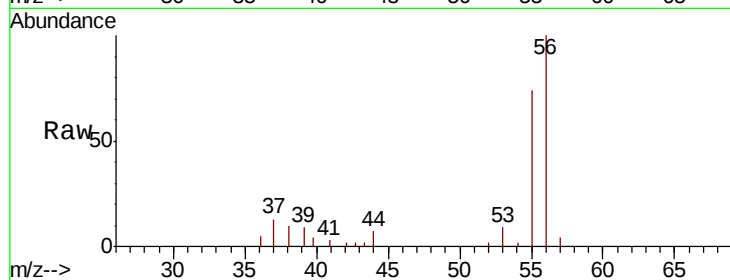
VN1114WBS01

Tot Ion: 56 Resp: 29894

Ion Ratio Lower Upper

56 100

55 74.0 57.6 86.4



#14

Allyl chloride

Concen: 18.314 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

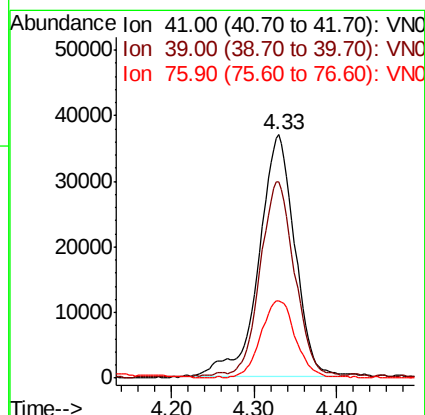
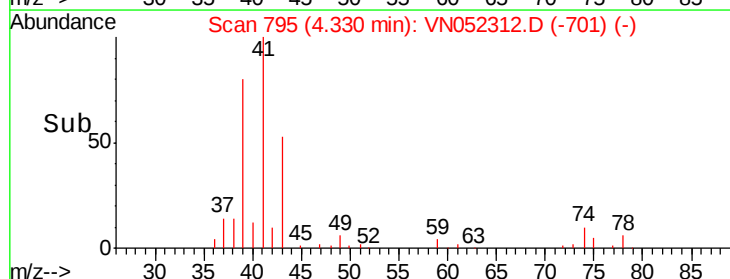
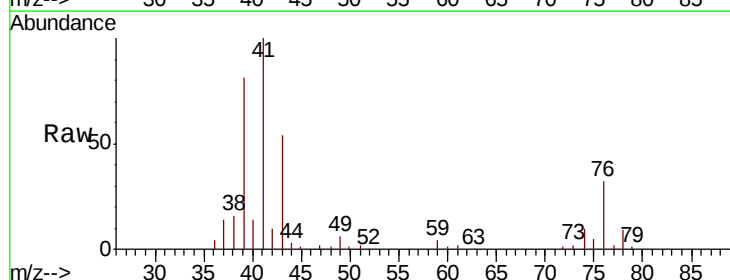
Tgt Ion: 41 Resp: 109986

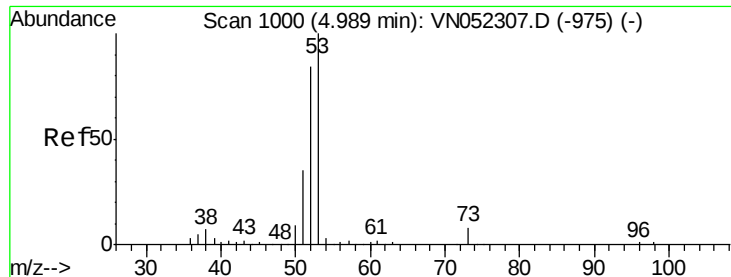
Ion Ratio Lower Upper

41 100

39 75.7 59.1 88.7

76 31.6 24.1 36.1

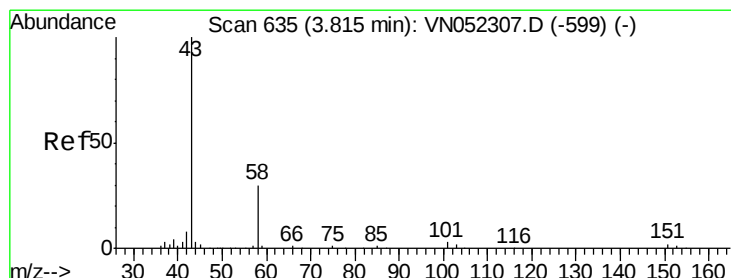
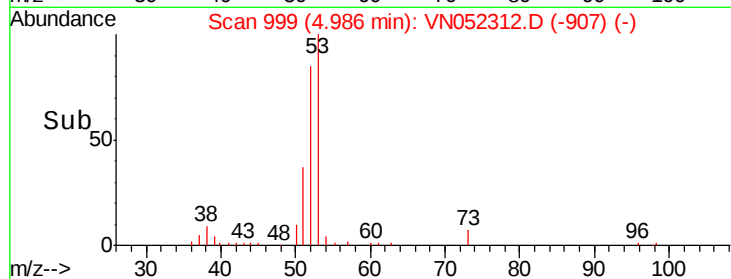
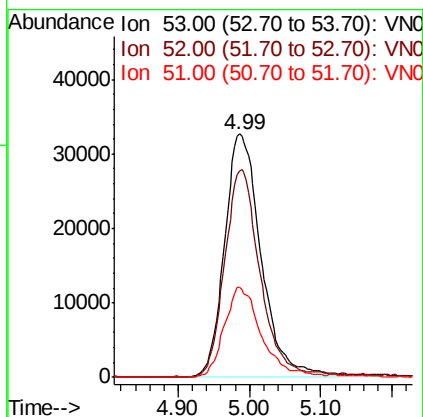
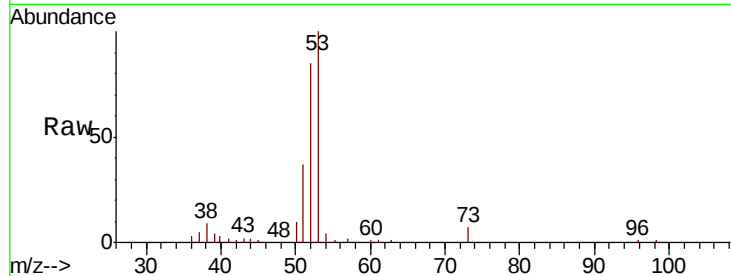




#15
 Acrylonitrile
 Concen: 96.646 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

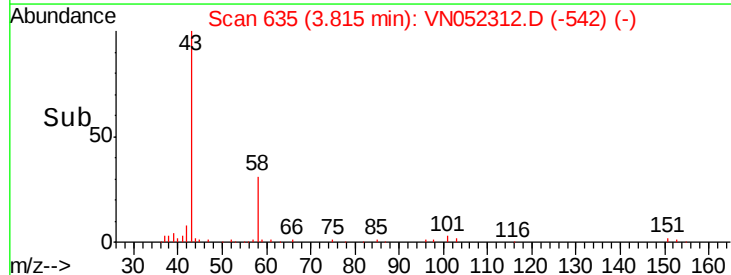
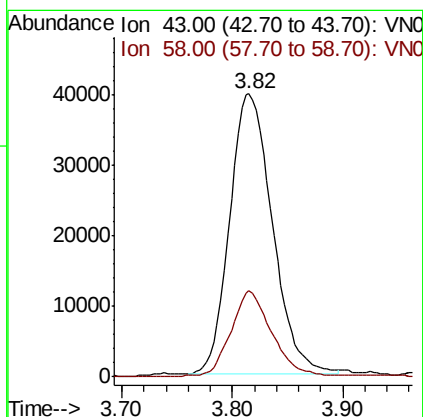
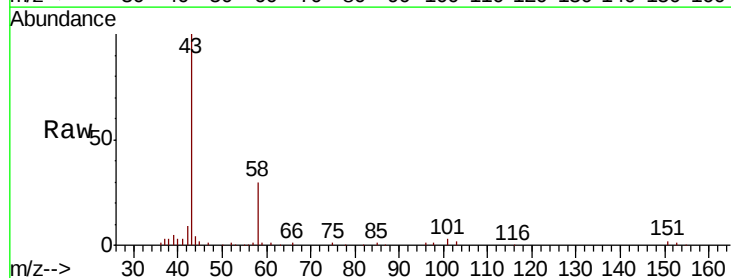
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

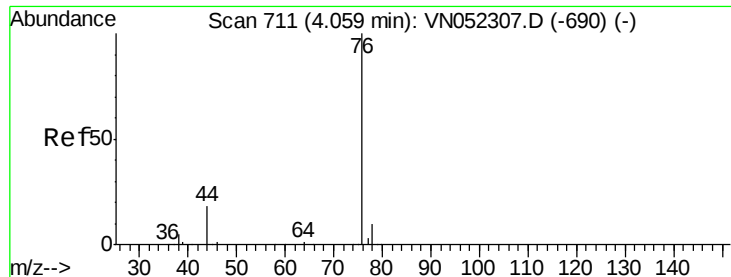
Tot Ion: 53 Resp: 116953
 Ion Ratio Lower Upper
 53 100
 52 82.2 67.5 101.3
 51 36.2 29.9 44.9



#16
 Acetone
 Concen: 96.792 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion: 43 Resp: 106944
 Ion Ratio Lower Upper
 43 100
 58 30.1 24.2 36.4

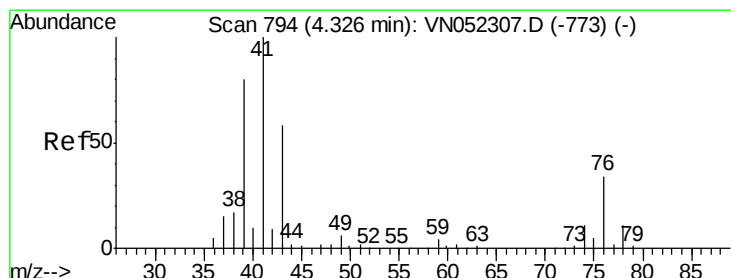
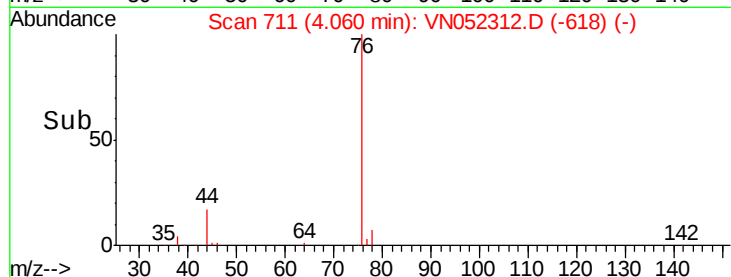
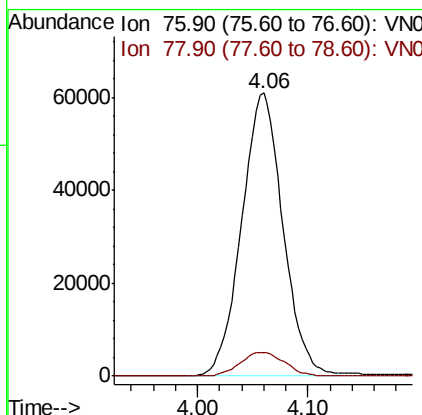
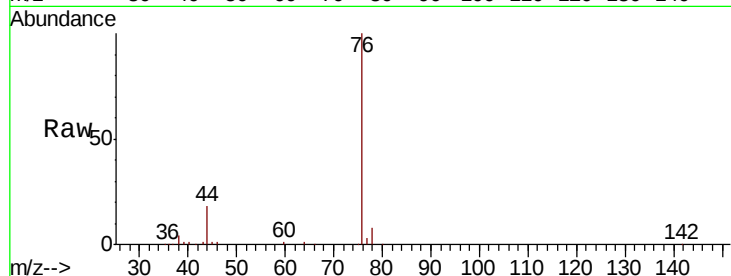




#17
Carbon Disulfide
Concen: 18.869 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

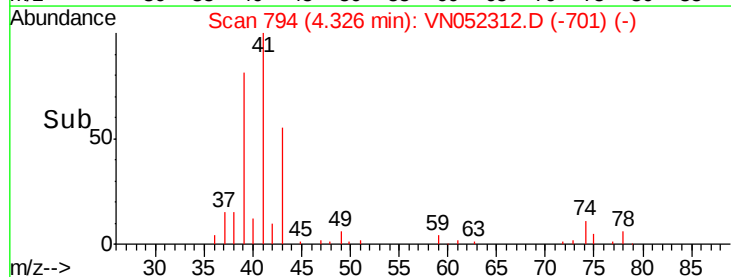
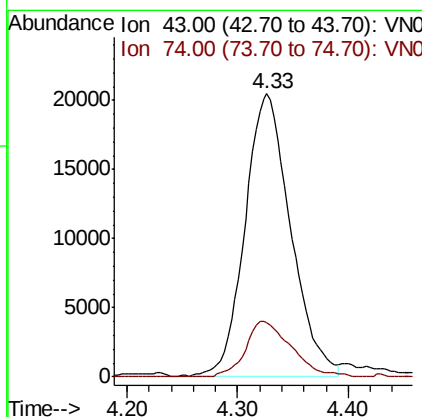
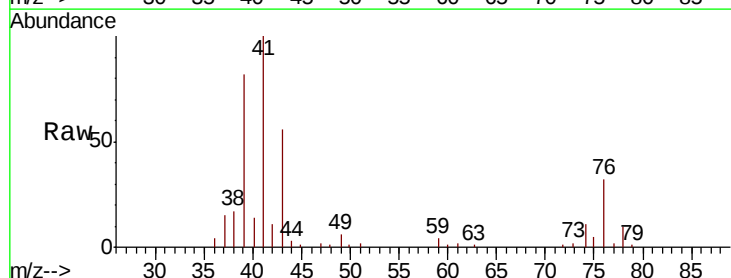
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

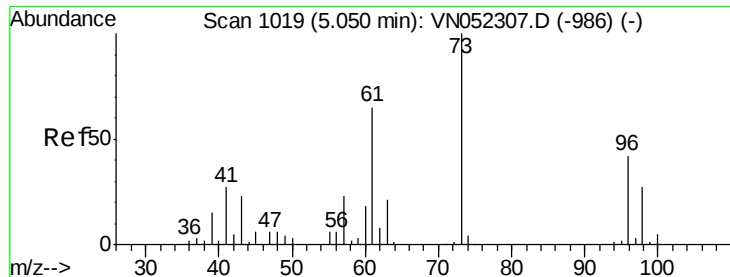
Tot Ion: 76 Resp: 158251
Ion Ratio Lower Upper
76 100
78 8.3 7.7 11.5



#18
Methyl Acetate
Concen: 19.272 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 43 Resp: 58839
Ion Ratio Lower Upper
43 100
74 19.6 15.9 23.9

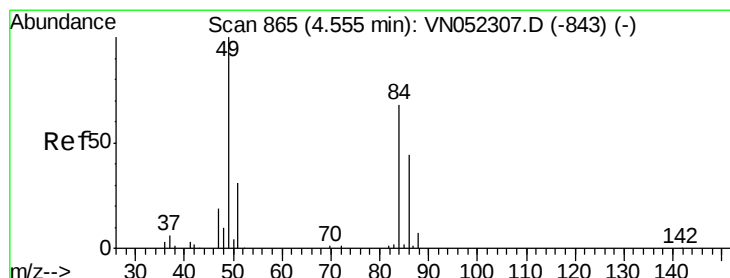
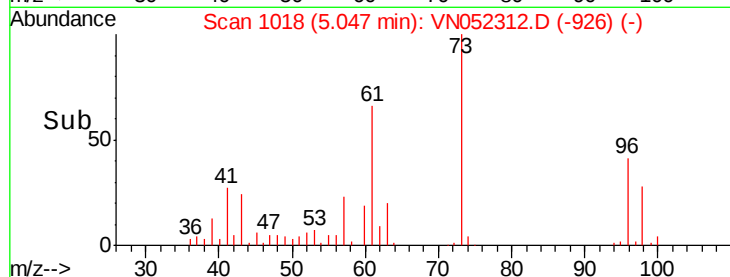
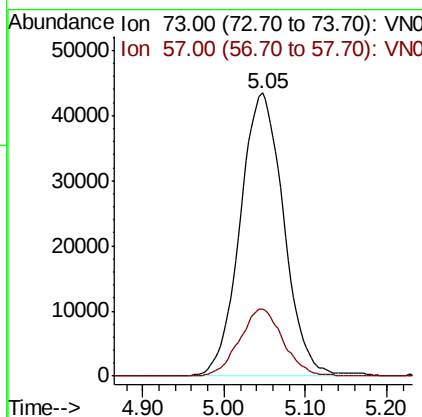
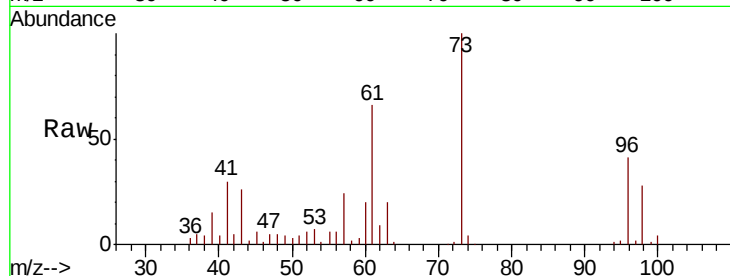




#19
Methvl tert-butvl Ether
Concen: 19.109 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

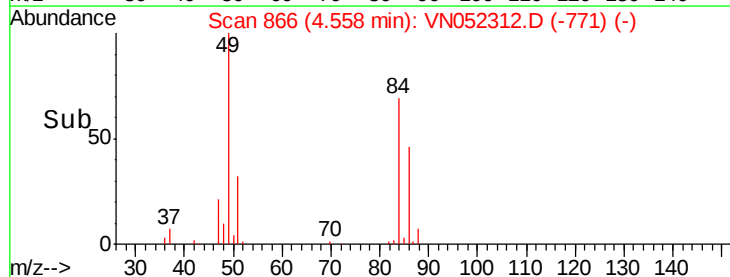
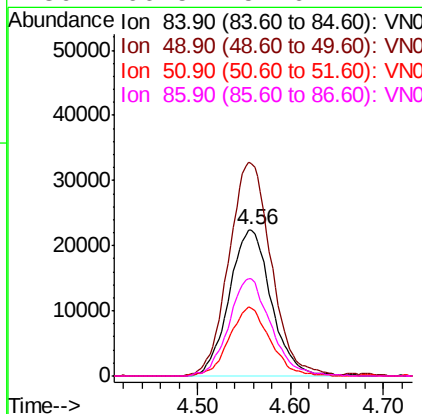
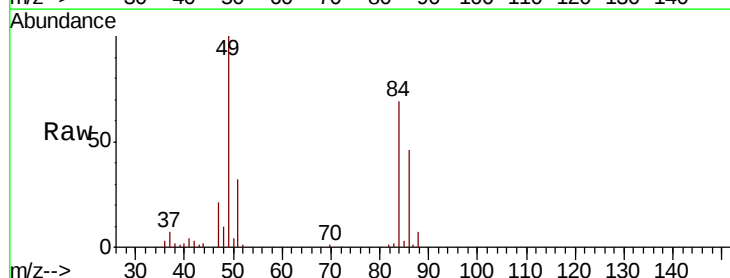
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

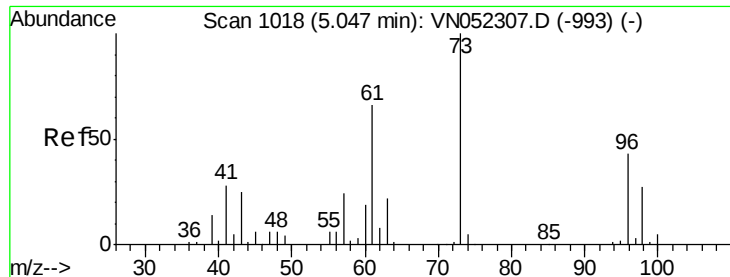
Tot Ion: 73 Resp: 160609
Ion Ratio Lower Upper
73 100
57 23.8 18.7 28.1



#20
Methylene Chloride
Concen: 20.596 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 84 Resp: 70616
Ion Ratio Lower Upper
84 100
49 144.3 118.2 177.2
51 46.7 36.1 54.1
86 66.5 51.6 77.4

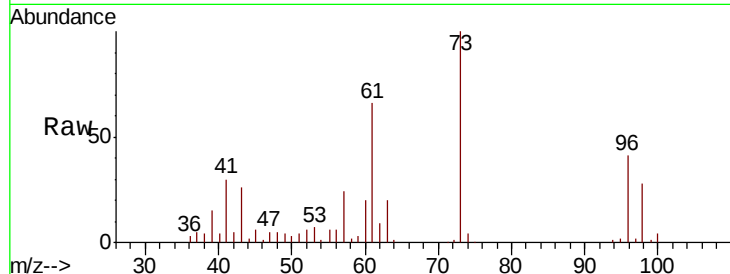




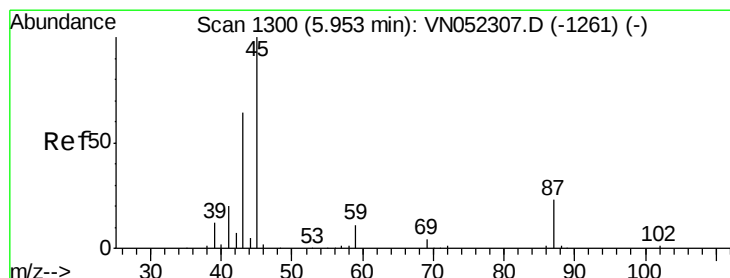
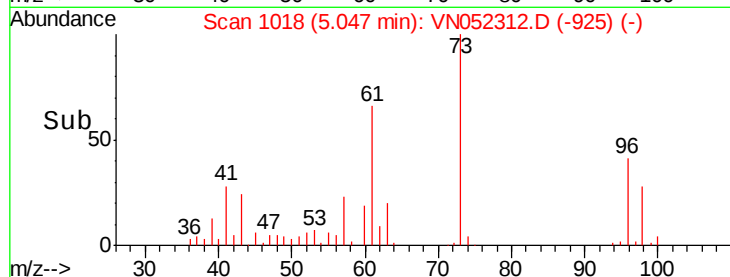
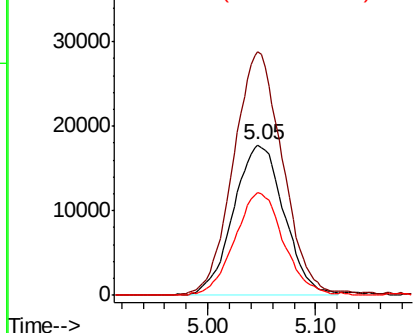
#21
trans-1,2-Dichloroethene
Concen: 18.467 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tot Ion: 96 Resp: 58152
Ion Ratio Lower Upper
96 100
61 160.5 123.6 185.4
98 68.5 50.7 76.1

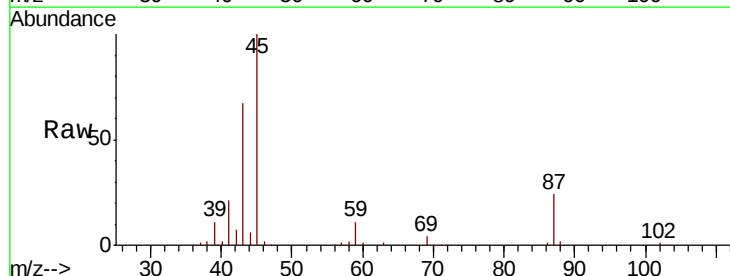


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

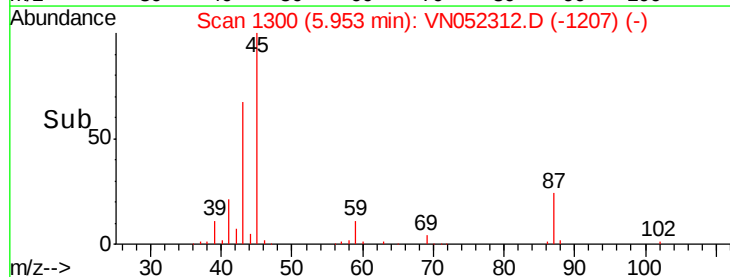
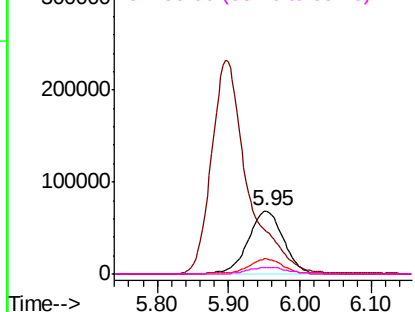


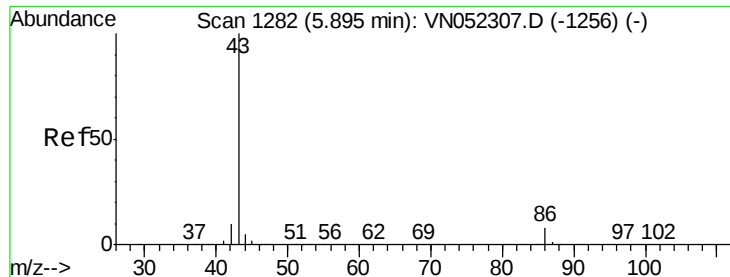
#22
Diisopropyl ether
Concen: 19.299 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 45 Resp: 236489
Ion Ratio Lower Upper
45 100
43 65.5 51.4 77.2
87 23.6 18.8 28.2
59 10.7 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

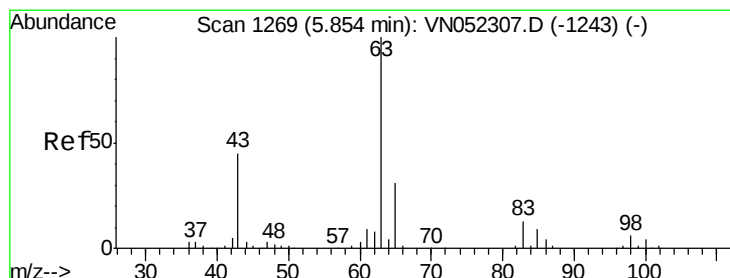
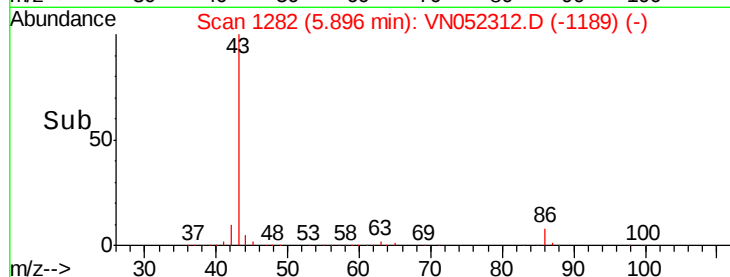
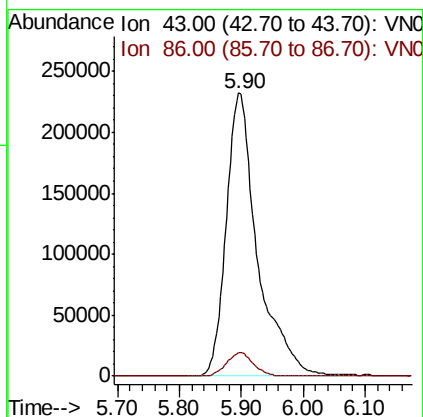
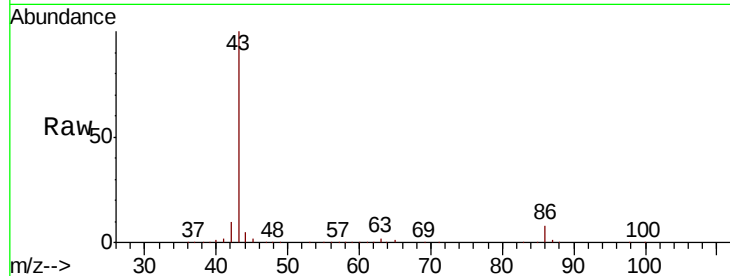




#23
 Vinyl Acetate
 Concen: 97.676 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

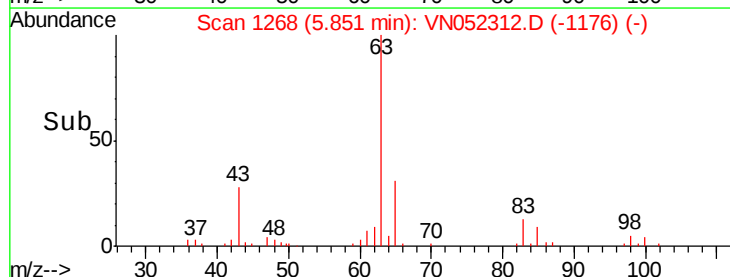
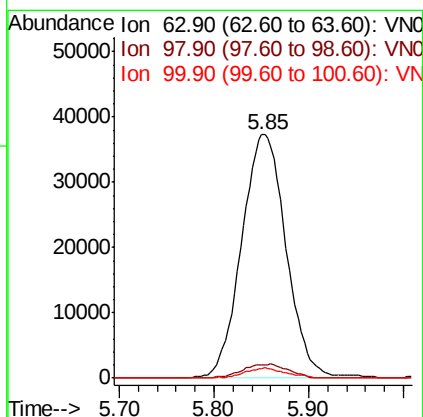
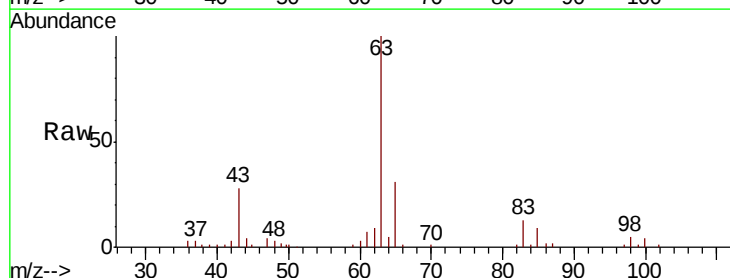
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

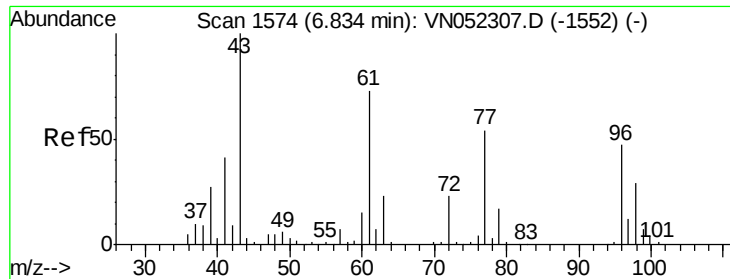
Tot Ion: 43 Resp: 811920
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 18.503 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion: 63 Resp: 121578
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.6
 100 4.0 1.9 5.7

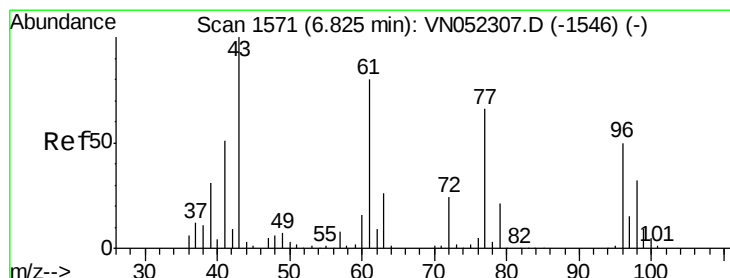
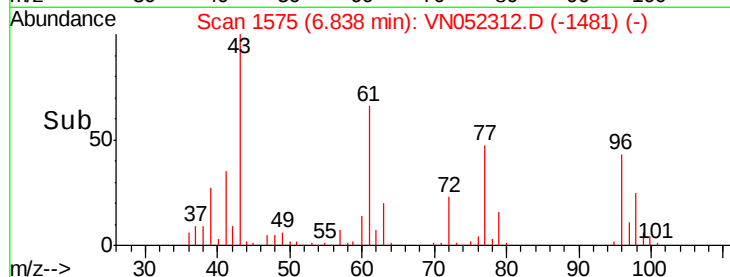
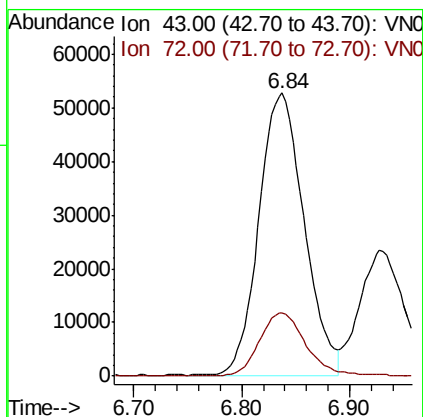
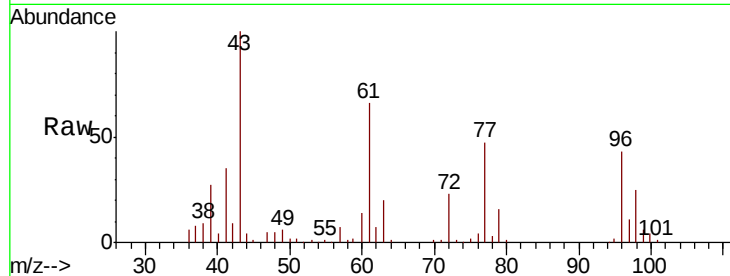




#25
2-Butanone
Concen: 98.183 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

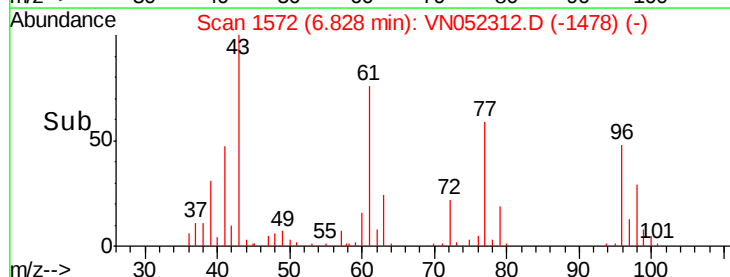
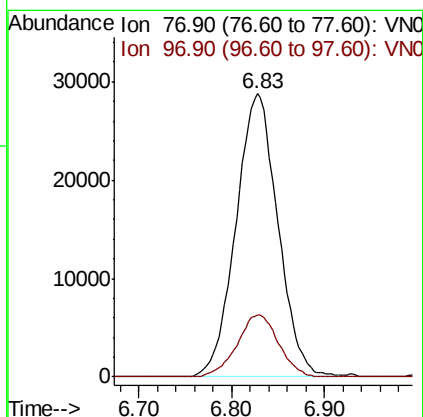
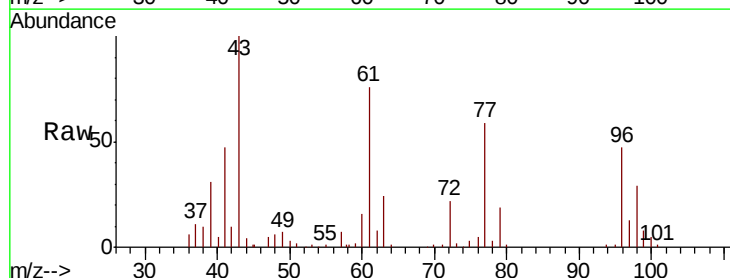
Instrument :
MSVOA_N
ClientSampled :
VN1114WBS01

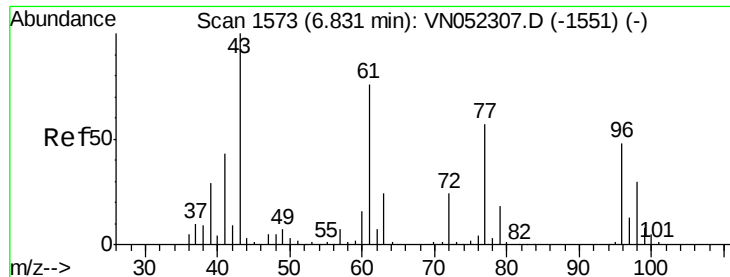
Tot Ion: 43 Resp: 152694
Ion Ratio Lower Upper
43 100
72 22.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 18.735 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 77 Resp: 90516
Ion Ratio Lower Upper
77 100
97 21.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 18.595 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

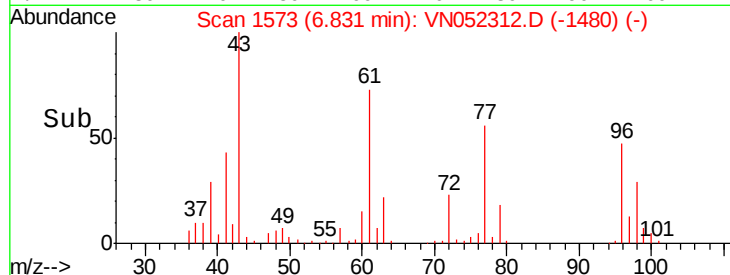
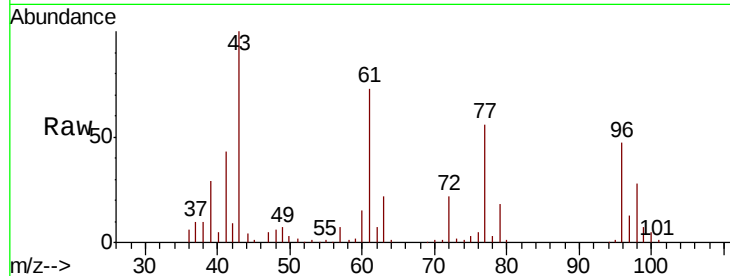
Tot Ion: 96 Resp: 68166

Ion Ratio Lower Upper

96 100

61 162.8 0.0 316.8

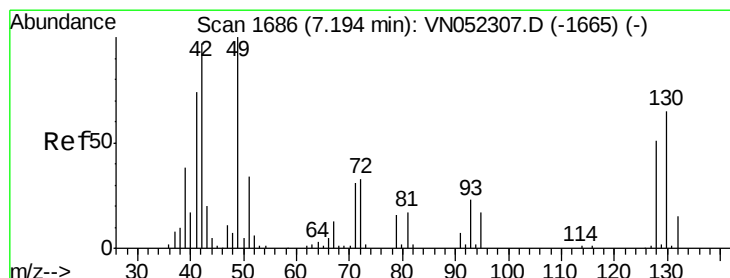
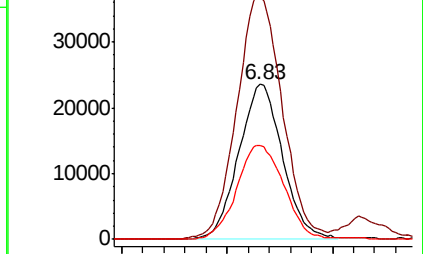
98 65.2 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN052312.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052312.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052312.D (-1480) (-)



#28

Bromochloromethane

Concen: 18.754 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

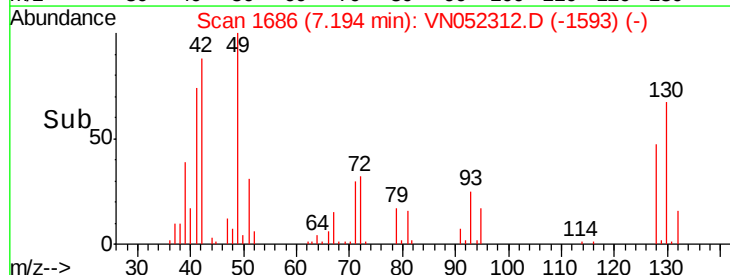
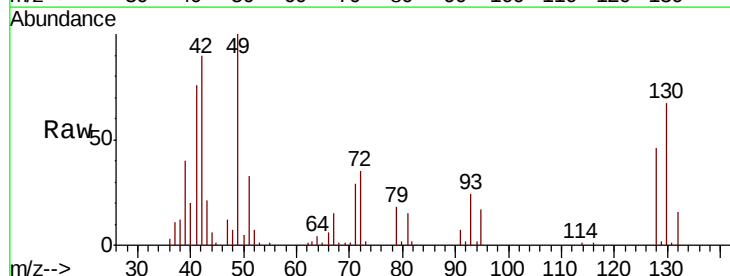
Tgt Ion: 49 Resp: 63358

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.0

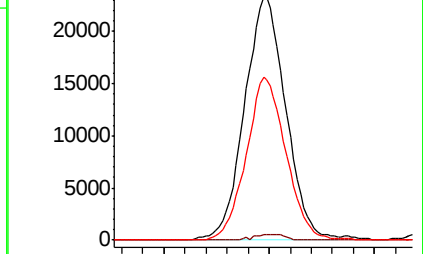
130 64.3 50.4 75.6

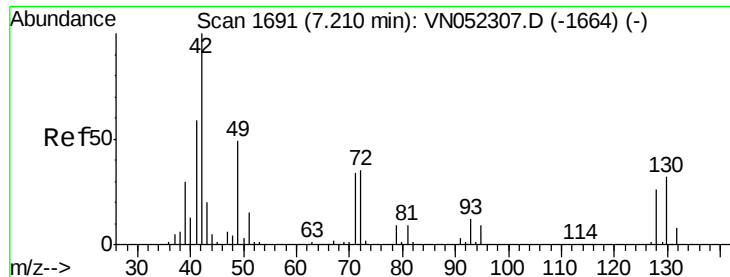


Abundance Ion 48.90 (48.60 to 49.60): VN052312.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN052312.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN052312.D (-1593) (-)

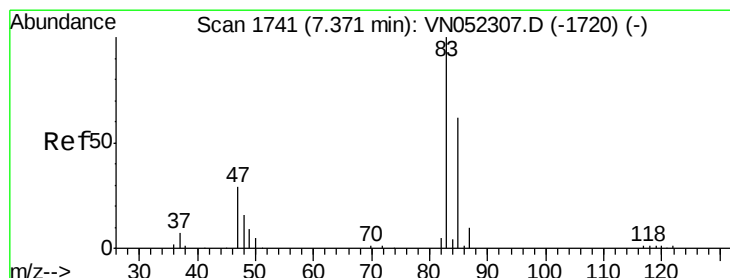
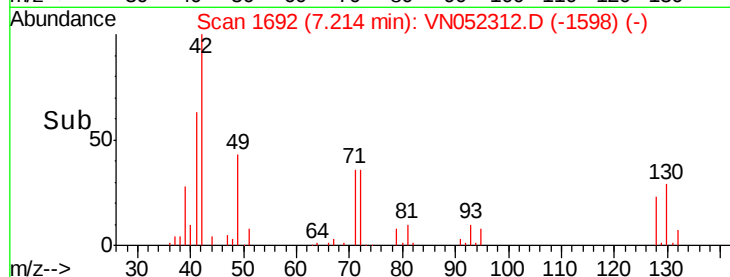
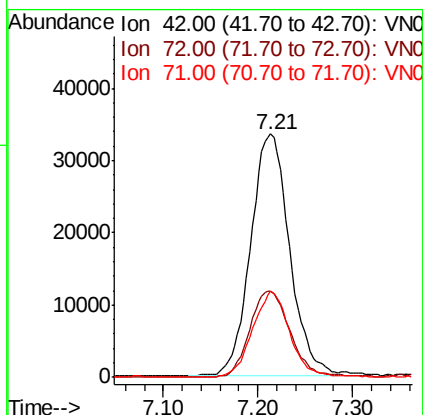
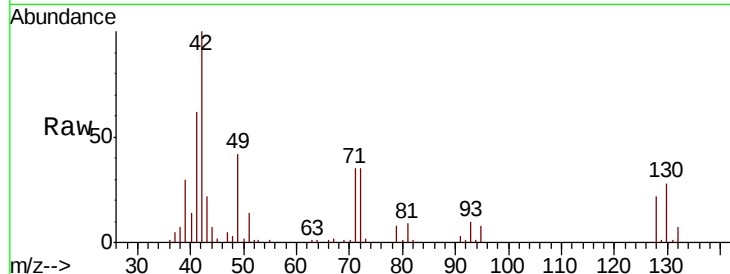




#29
Tetrahydrofuran
Concen: 94.150 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

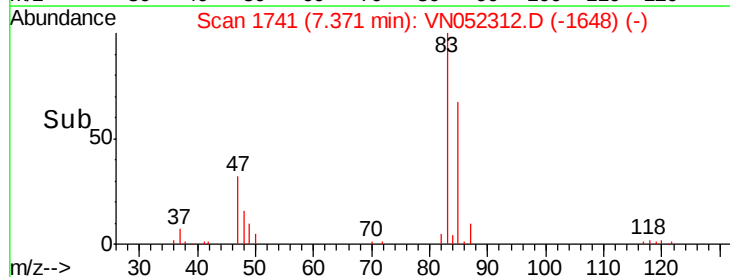
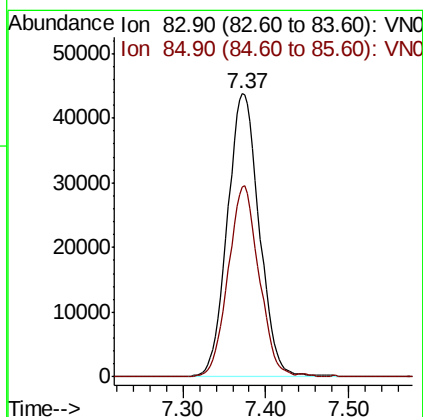
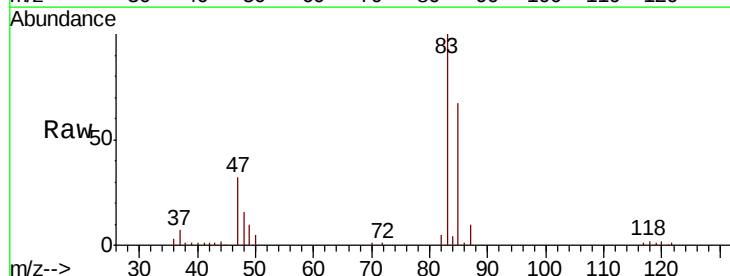
Instrument :
MSVOA_N
ClientSampled :
VN1114WBS01

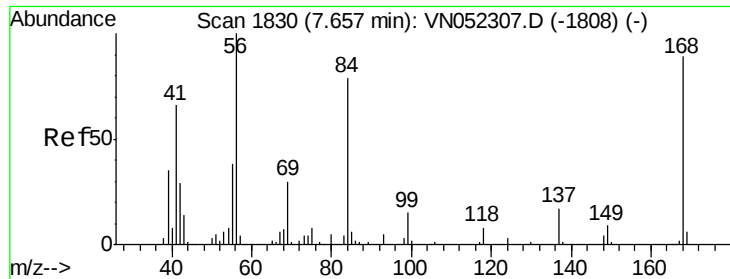
Tot Ion: 42 Resp: 96189
Ion Ratio Lower Upper
42 100
72 36.8 28.6 42.8
71 33.7 26.7 40.1



#30
Chloroform
Concen: 18.718 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 83 Resp: 117206
Ion Ratio Lower Upper
83 100
85 67.3 49.4 74.2

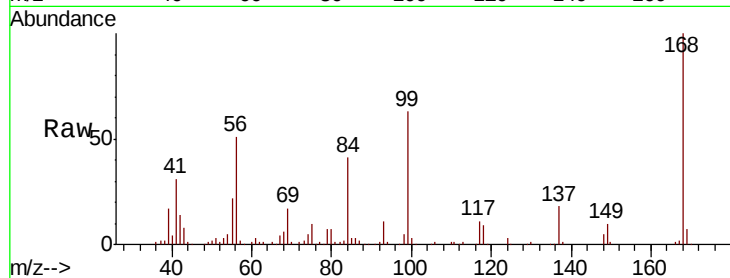




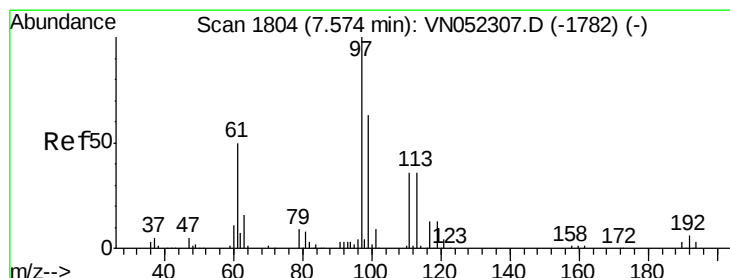
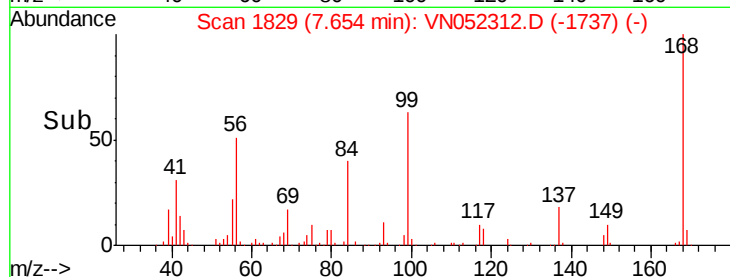
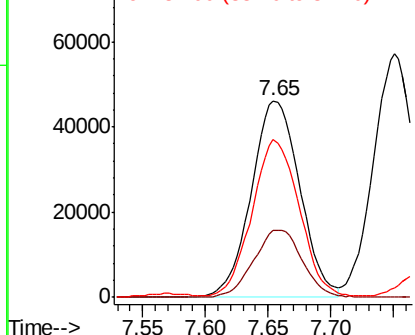
#31
Cyclohexane
Concen: 19.704 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tot Ion: 56 Resp: 124126
Ion Ratio Lower Upper
56 100
69 34.0 23.8 35.8
84 78.9 63.0 94.6

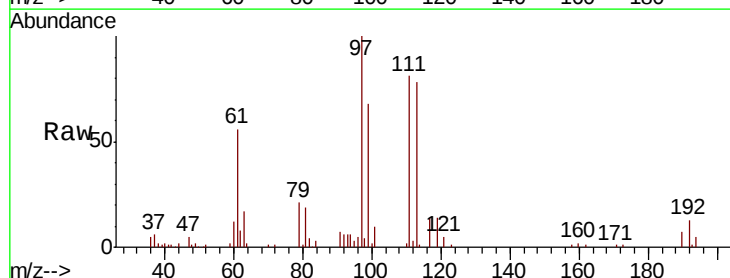


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

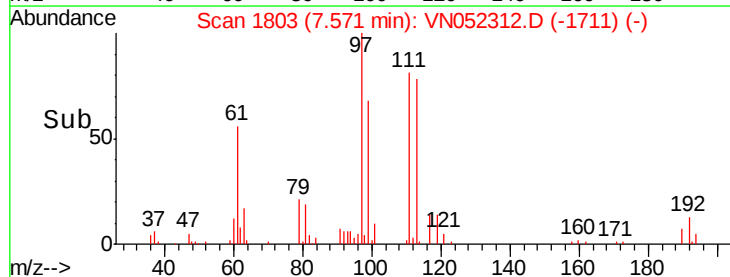
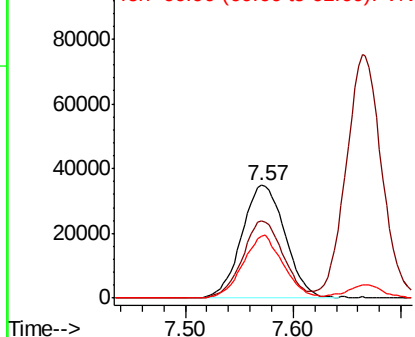


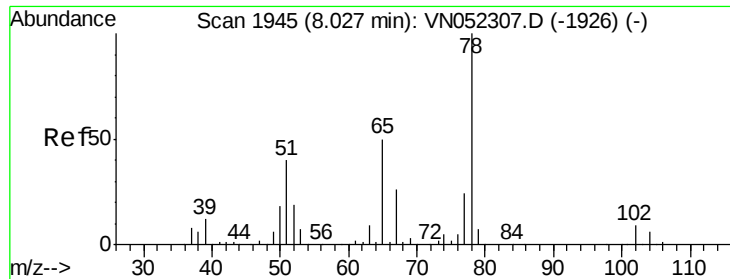
#32
1,1,1-Trichloroethane
Concen: 18.299 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 97 Resp: 97611
Ion Ratio Lower Upper
97 100
99 64.5 50.2 75.2
61 51.3 40.2 60.4



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

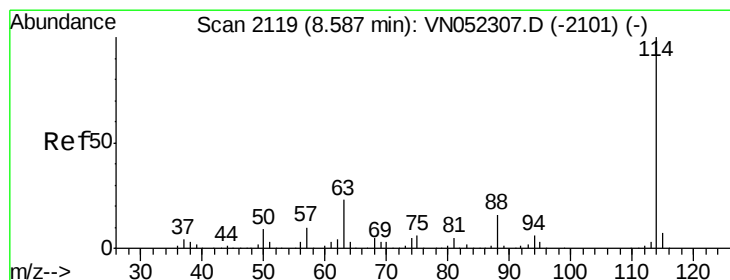
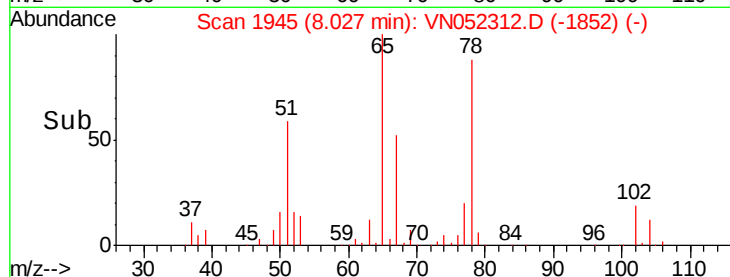
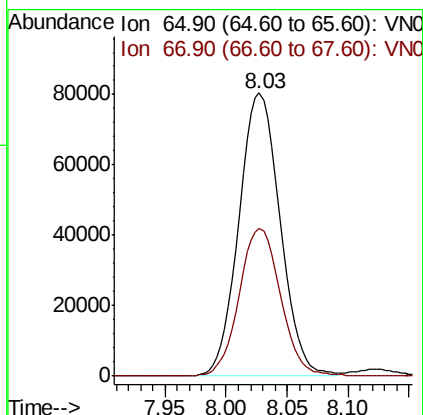
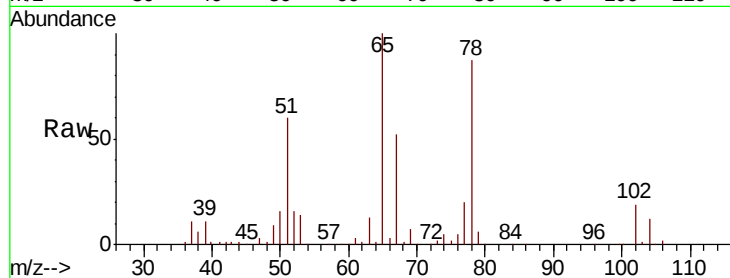




#33
 1,2-Dichloroethane-d4
 Concen: 18.299 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

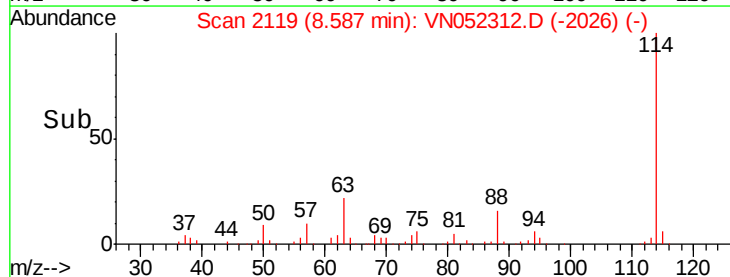
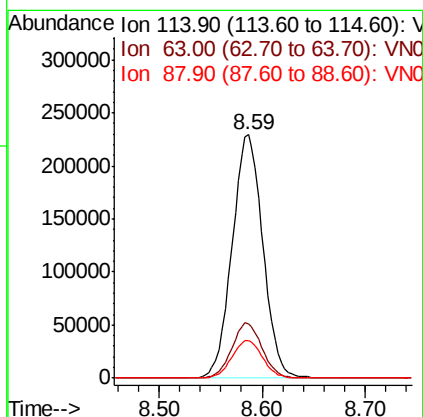
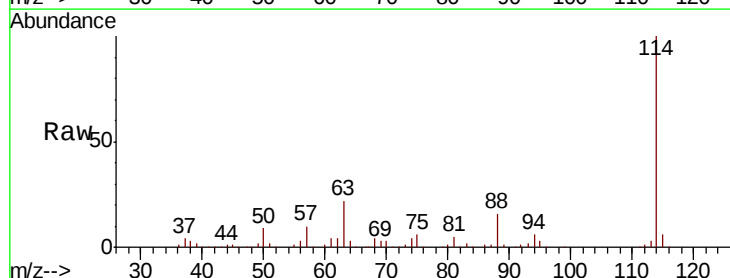
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

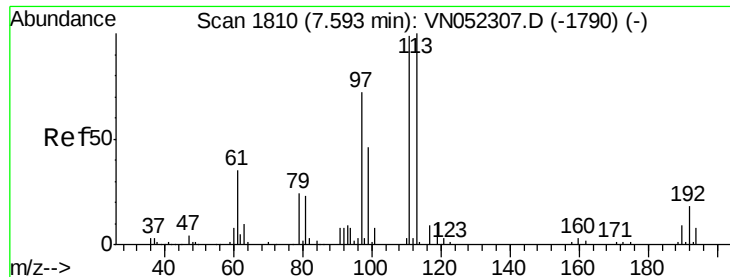
Tot Ion: 65 Resp: 188585
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion: 114 Resp: 476159
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.4
 88 15.6 0.0 31.2

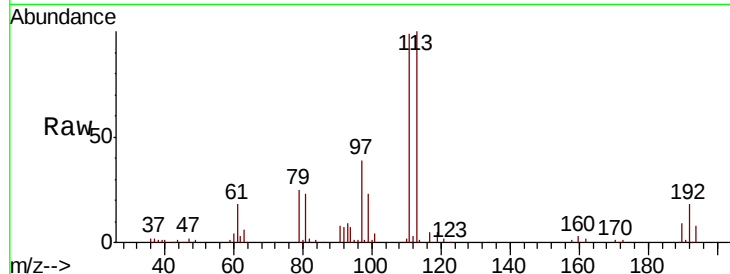




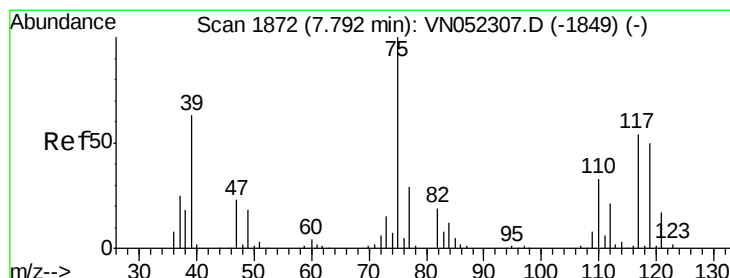
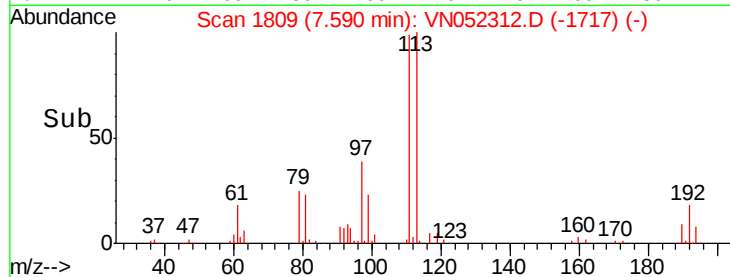
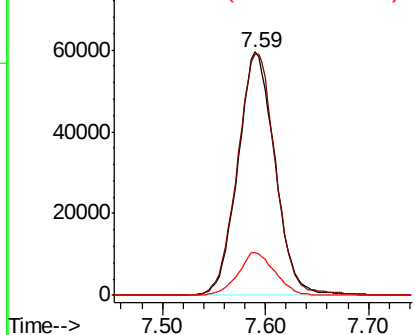
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Tot Ion:113 Resp: 148404
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.6
 192 17.5 13.8 20.6

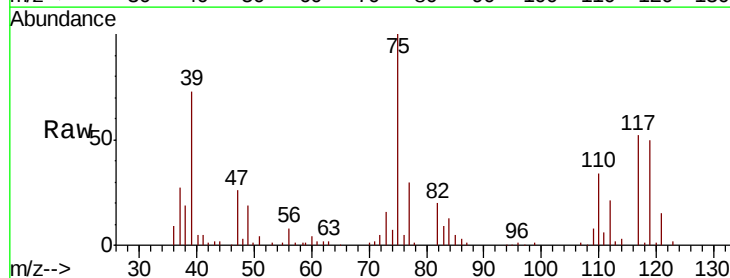


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

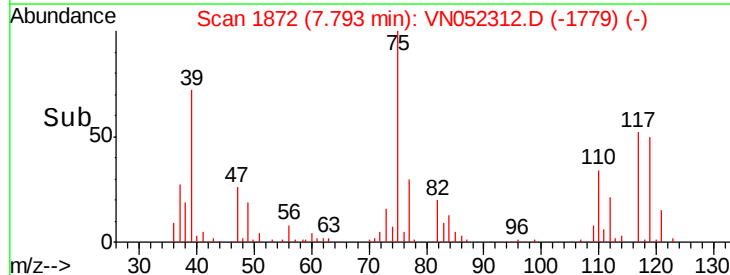
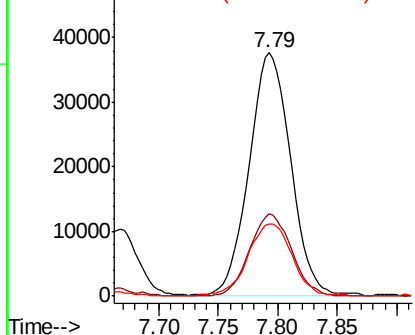


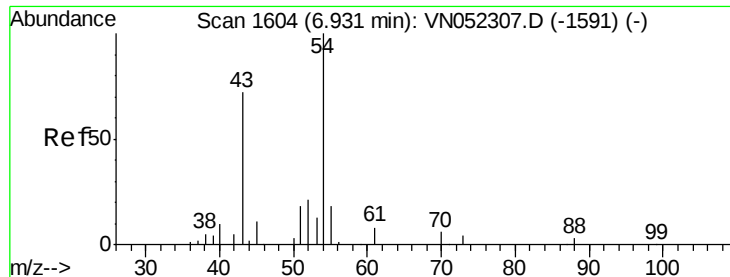
#36
 1,1-Dichloropropene
 Concen: 19.157 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion: 75 Resp: 91429
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.5 49.5
 77 31.5 24.2 36.2



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

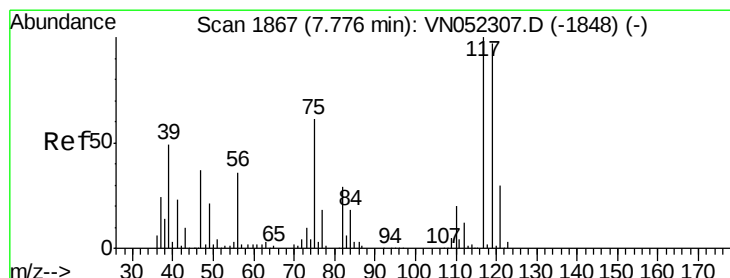
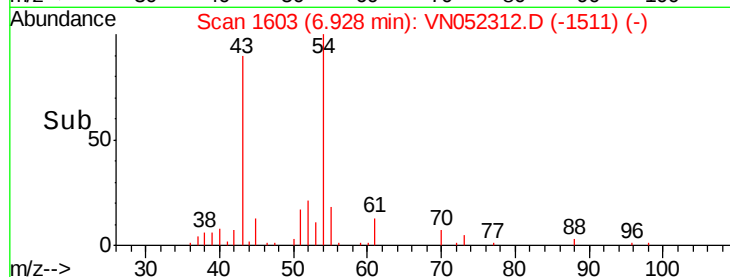
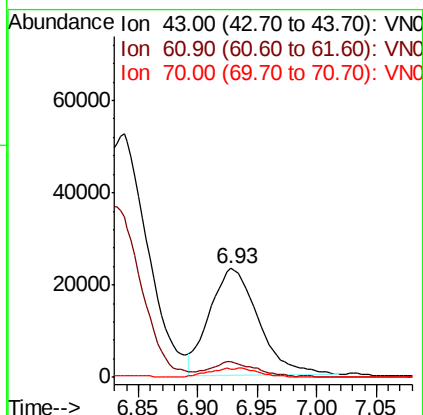
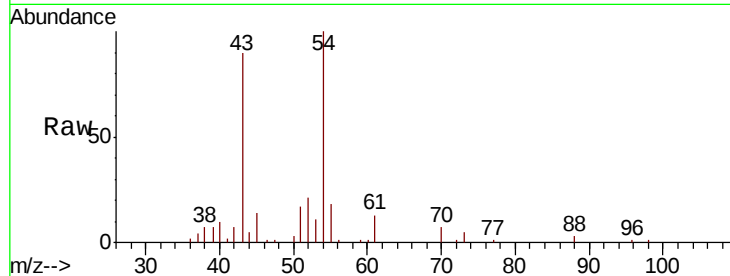




#37
Ethyl Acetate
Concen: 19.079 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

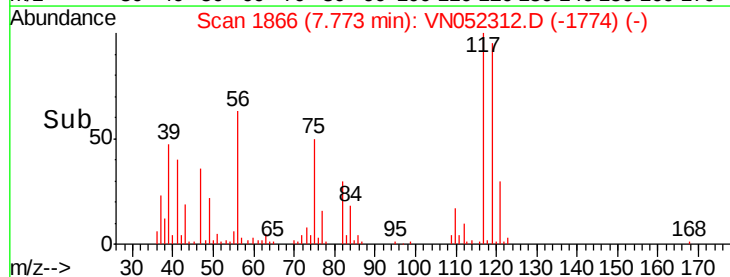
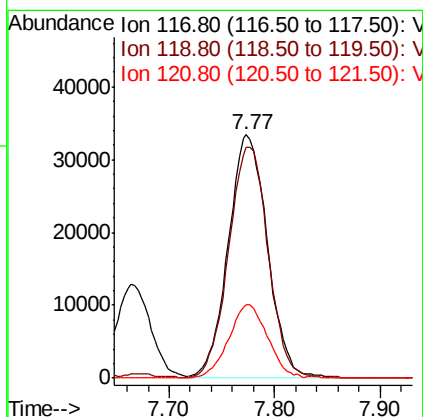
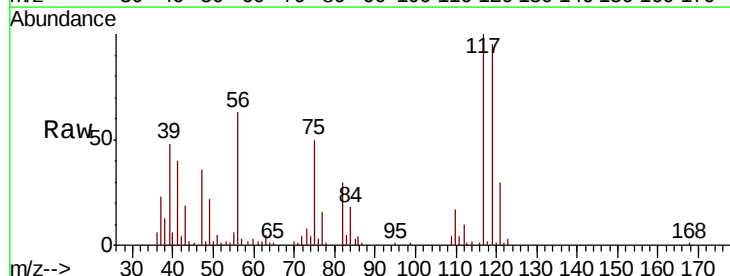
Instrument :
MSVOA_N
ClientSampled :
VN1114WBS01

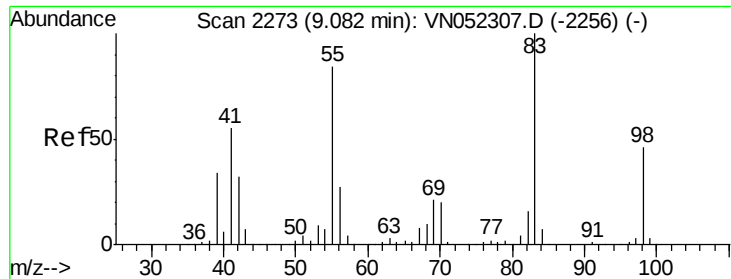
Tot Ion: 43 Resp: 66083
Ion Ratio Lower Upper
43 100
61 12.4 10.3 15.5
70 8.8 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 19.695 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 117 Resp: 86357
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
121 30.1 24.0 36.0

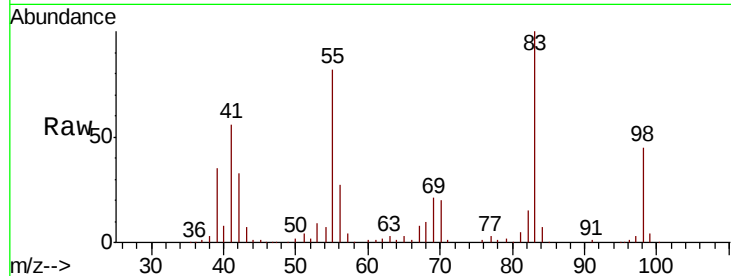




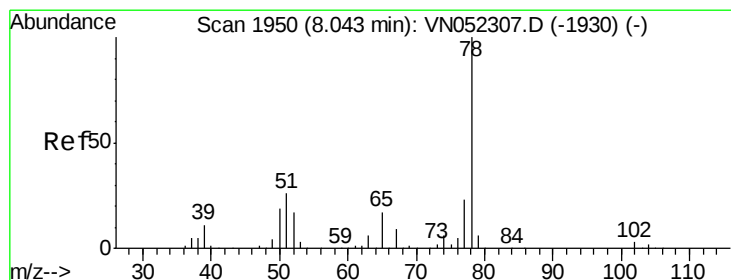
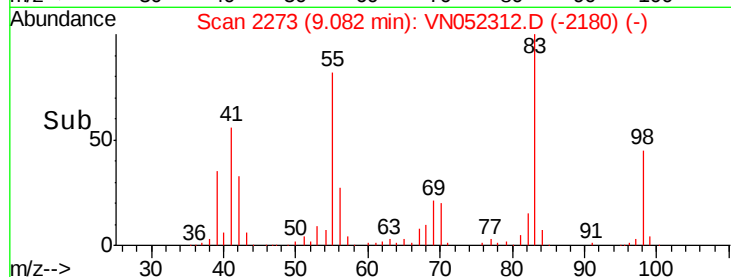
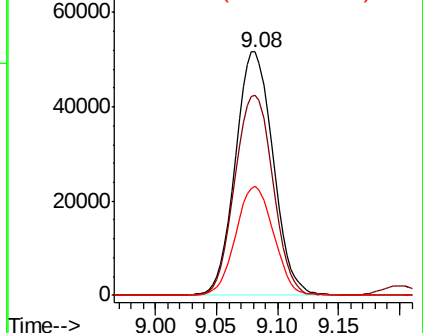
#39
Methvlcvclohexane
Concen: 20.344 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tot Ion: 83 Resp: 110840
Ion Ratio Lower Upper
83 100
55 82.2 66.8 100.2
98 44.7 36.4 54.6

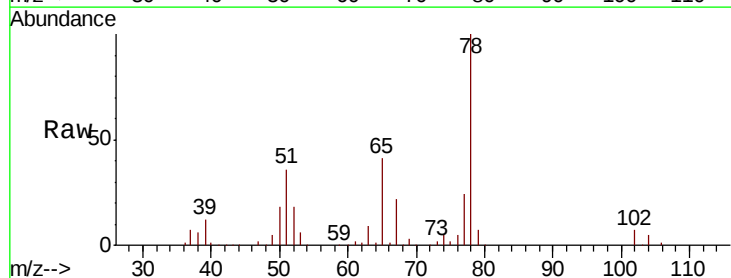


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

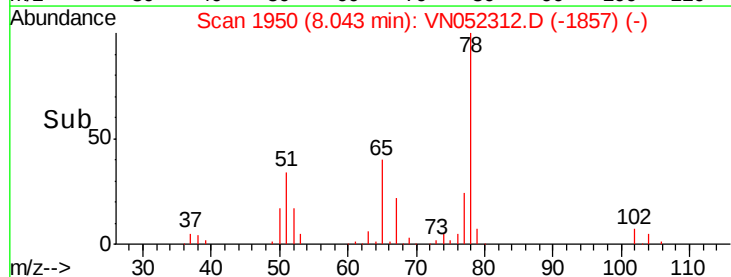
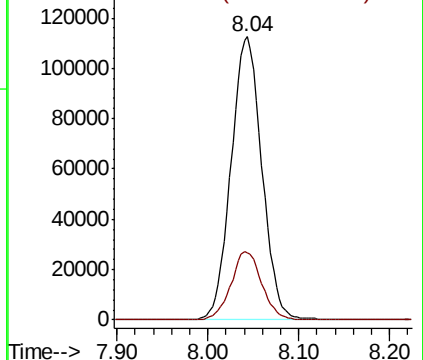


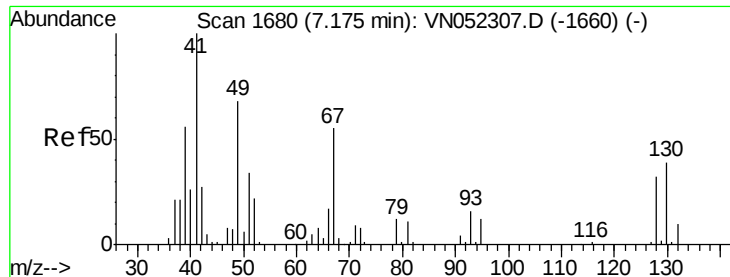
#40
Benzene
Concen: 19.386 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 78 Resp: 264307
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1



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

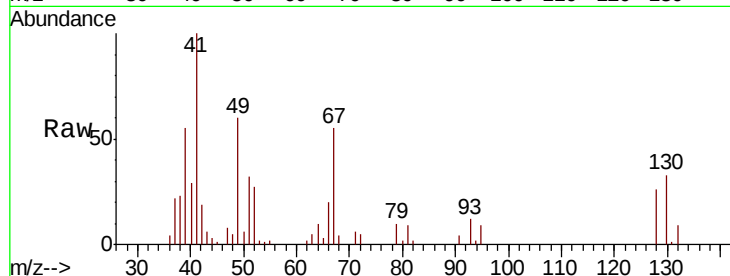




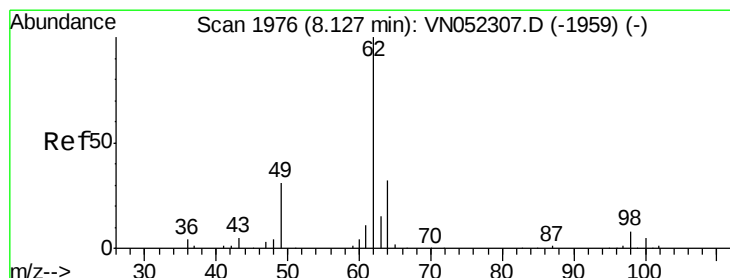
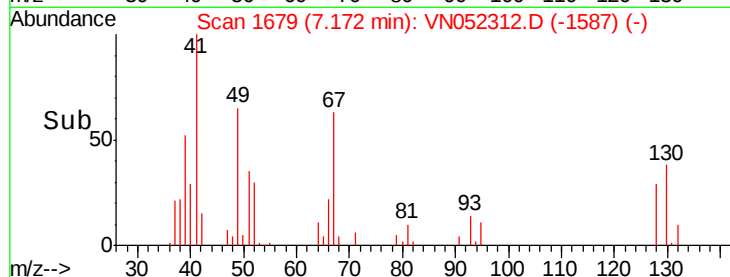
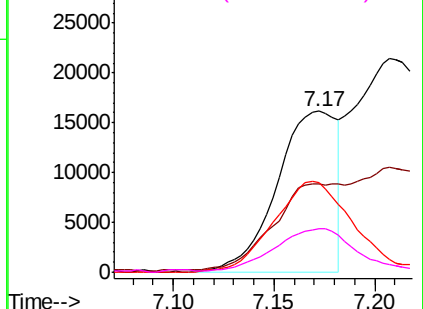
#41
Methacrylonitrile
Concen: 19.804 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tot Ion:	41	Resp:	33460
Ion	Ratio	Lower	Upper
41	100		
39	47.4	0.0	0.0#
67	75.5	0.0	0.0#
52	37.0	0.0	0.0#

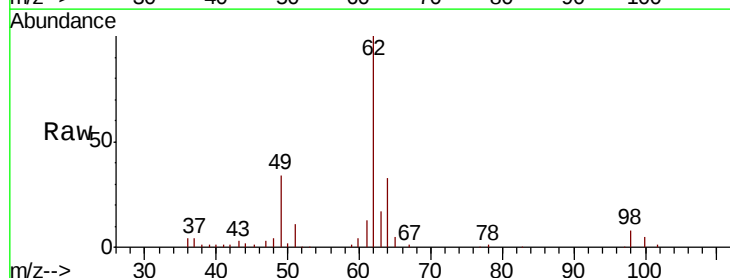


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

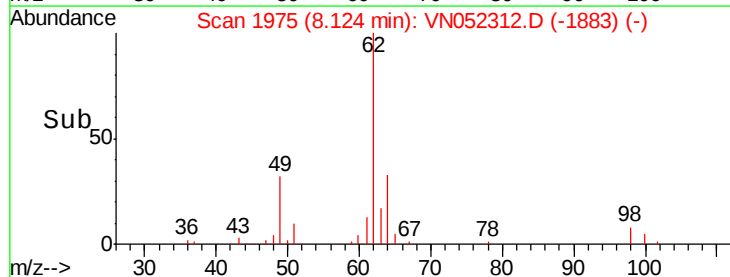
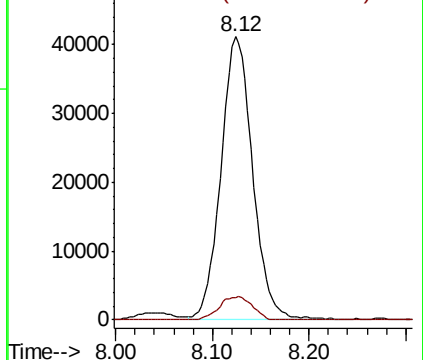


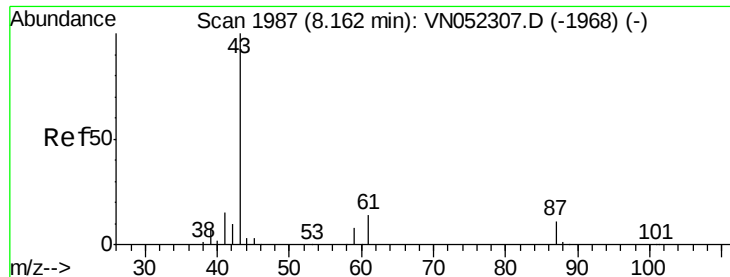
#42
1,2-Dichloroethane
Concen: 19.290 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion:	62	Resp:	93787
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 18.143 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

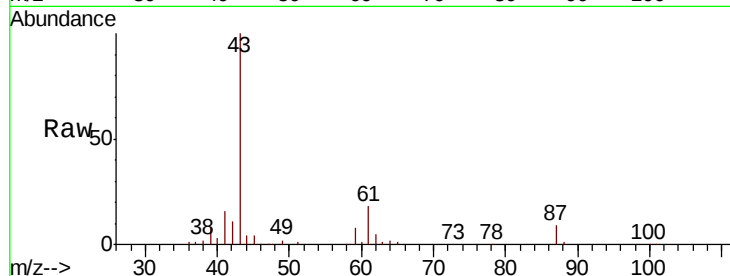
Tot Ion: 43 Resp: 121261

Ion Ratio Lower Upper

43 100

61 16.7 12.0 18.0

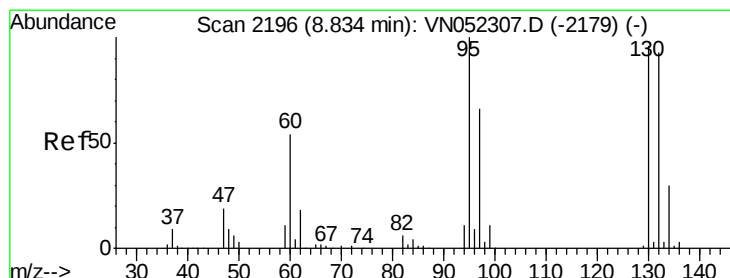
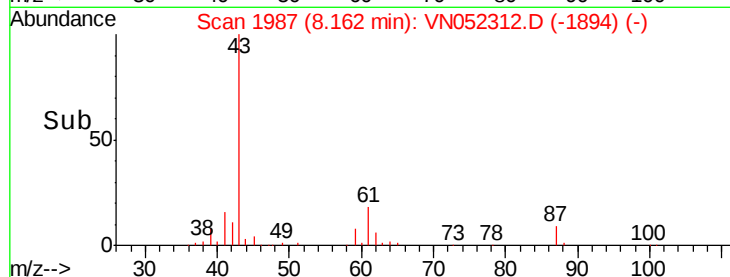
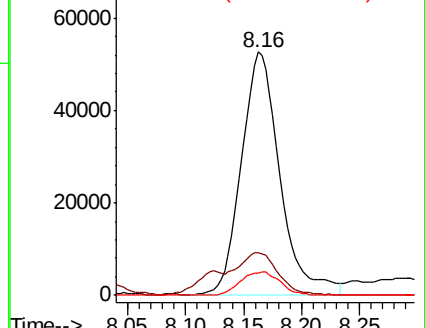
87 9.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#44

Trichloroethene

Concen: 20.013 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052312.D

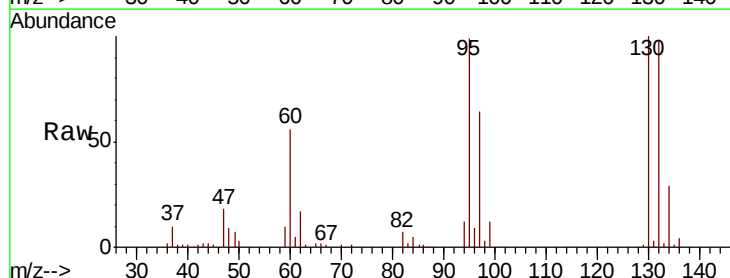
Acq: 14 Nov 2018 14:55

Tgt Ion:130 Resp: 67213

Ion Ratio Lower Upper

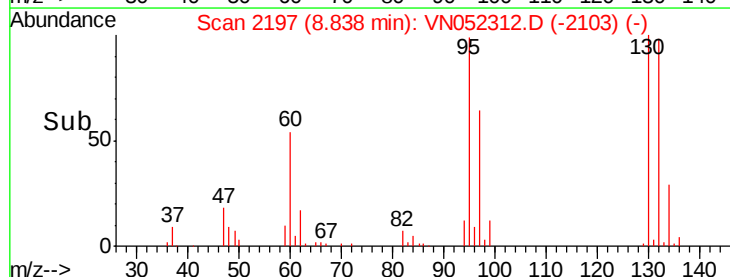
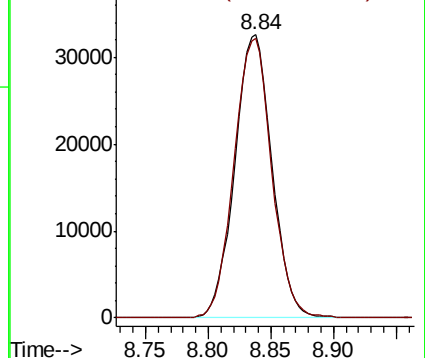
130 100

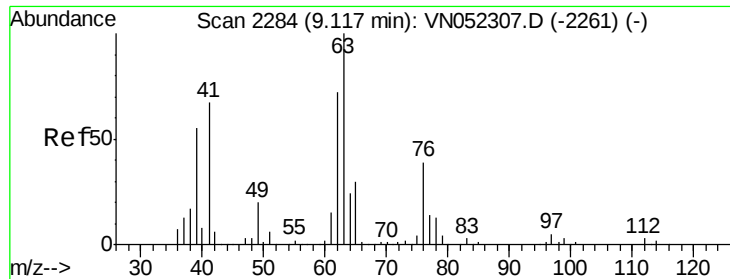
95 98.9 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052307.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052307.D (-2179) (-)

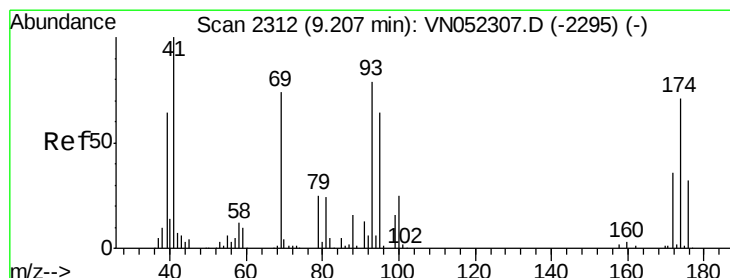
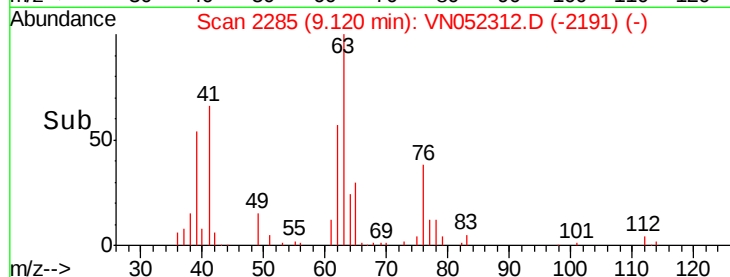
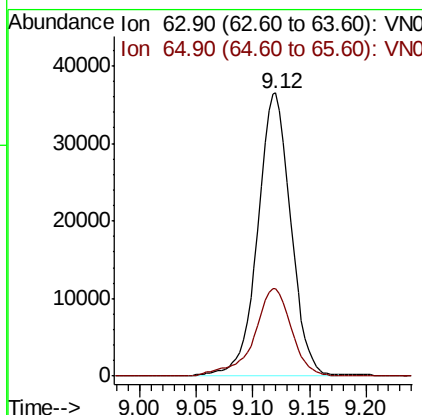
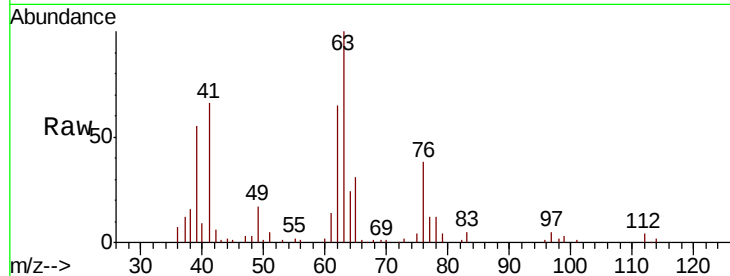




#45
 1,2-Dichloropropane
 Concen: 19.182 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

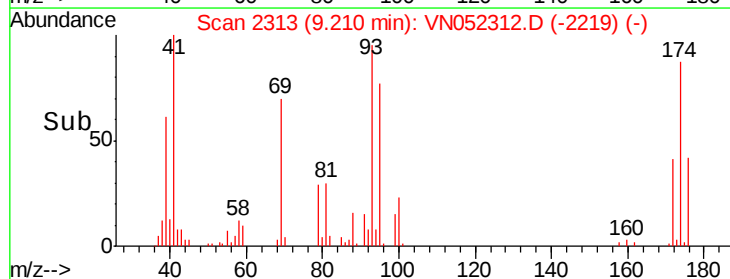
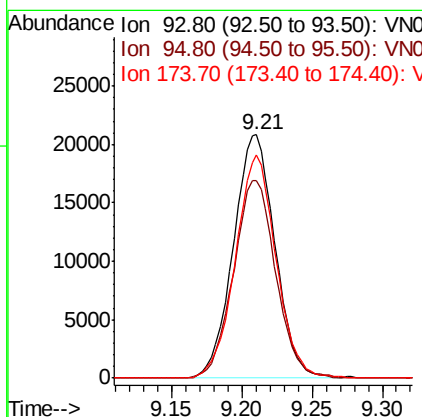
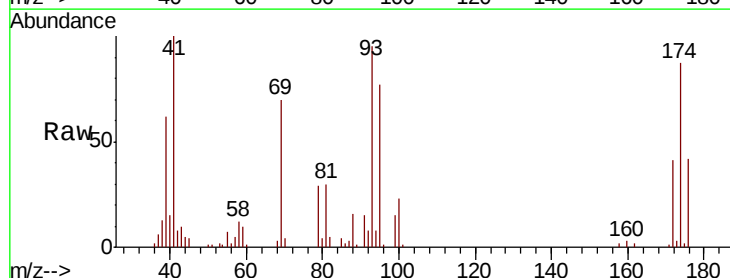
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

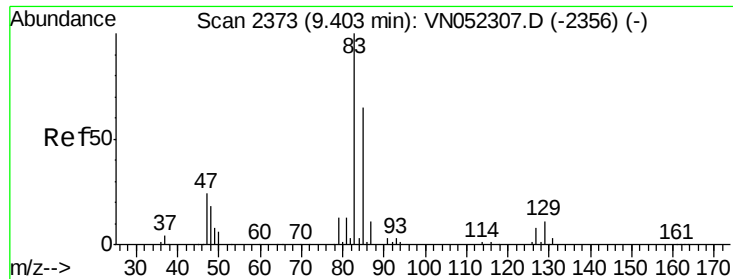
Tot Ion: 63 Resp: 74221
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.4



#46
 Dibromomethane
 Concen: 19.204 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion: 93 Resp: 43015
 Ion Ratio Lower Upper
 93 100
 95 82.3 64.2 96.2
 174 89.6 70.9 106.3





#47

Bromodichloromethane

Concen: 18.737 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

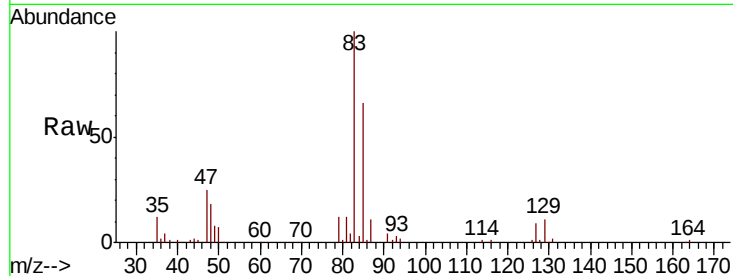
Tot Ion: 83 Resp: 86124

Ion Ratio Lower Upper

83 100

85 66.3 52.2 78.4

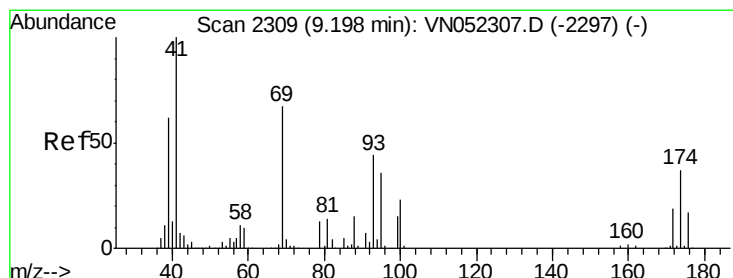
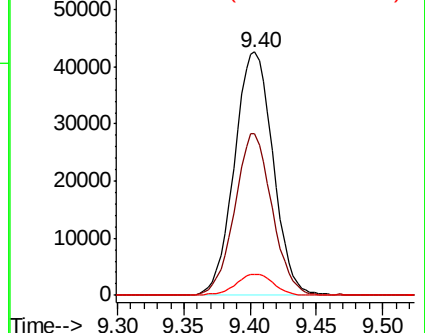
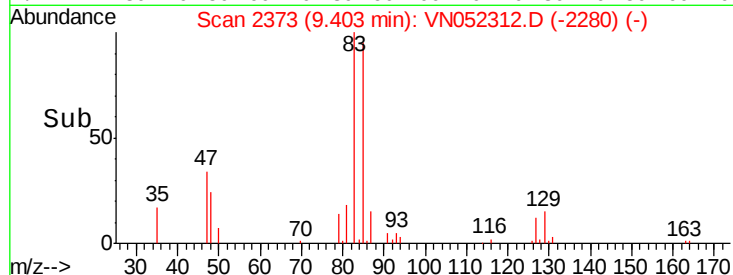
127 8.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN052312.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052312.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052312.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.897 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

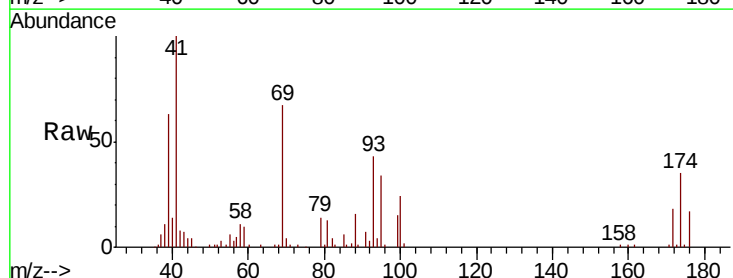
Tgt Ion: 41 Resp: 64087

Ion Ratio Lower Upper

41 100

69 68.9 57.1 85.7

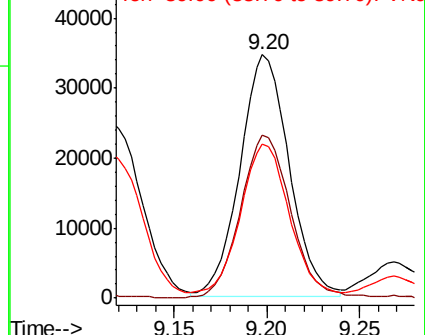
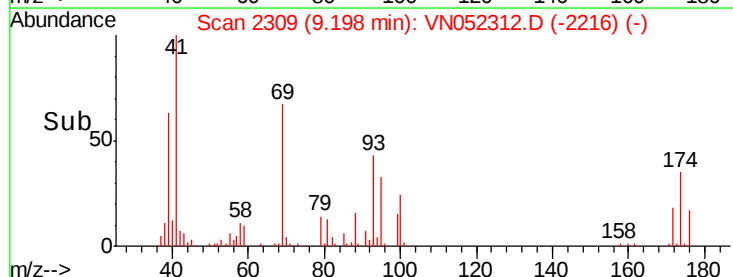
39 63.6 52.5 78.7

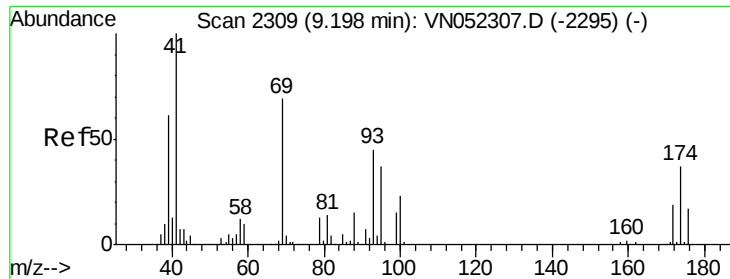


Abundance Ion 41.00 (40.70 to 41.70): VN052312.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052312.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052312.D (-2216) (-)





#49

1,4-Dioxane

Concen: 426.977 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

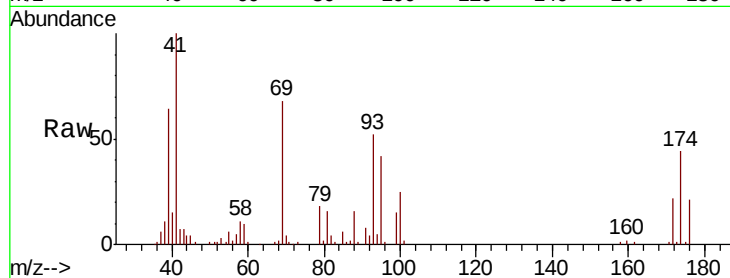
Tot Ion: 88 Resp: 11116

Ion Ratio Lower Upper

88 100

43 35.8 33.3 49.9

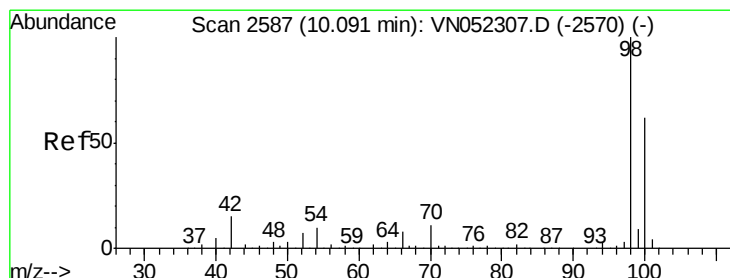
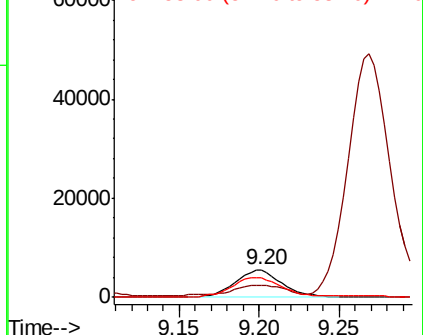
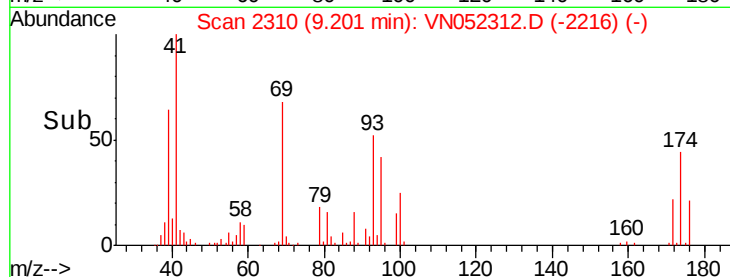
58 77.7 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 426.977 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN052312.D

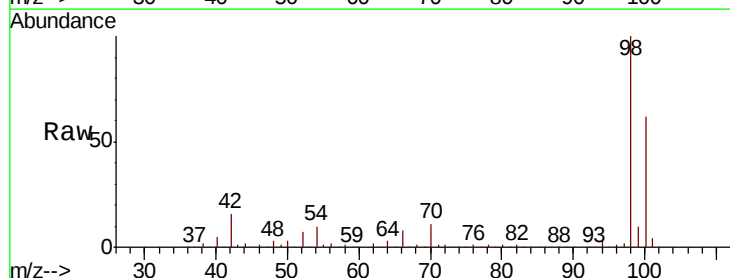
Acq: 14 Nov 2018 14:55

Tgt Ion: 98 Resp: 580503

Ion Ratio Lower Upper

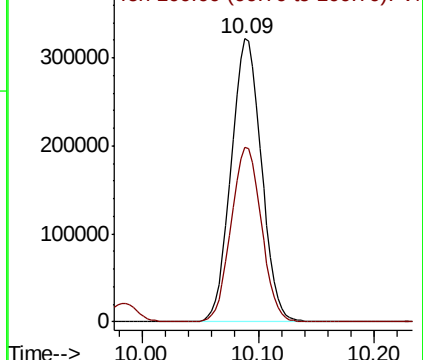
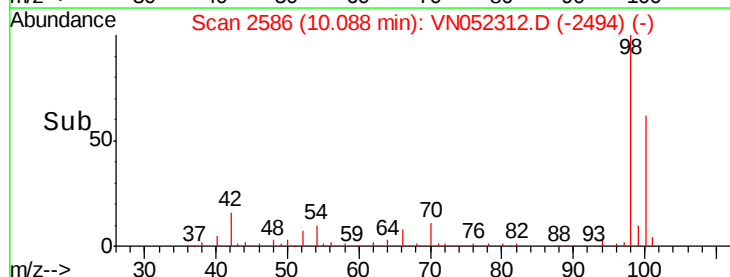
98 100

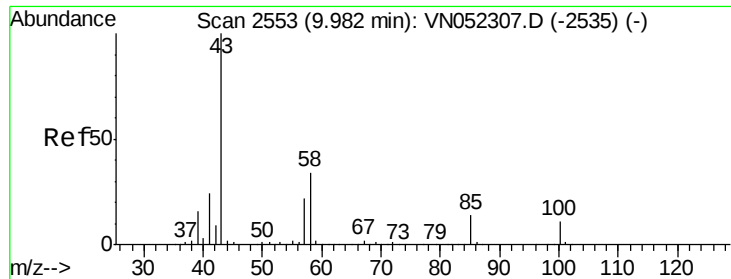
100 61.7 49.5 74.3



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: 98.579 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

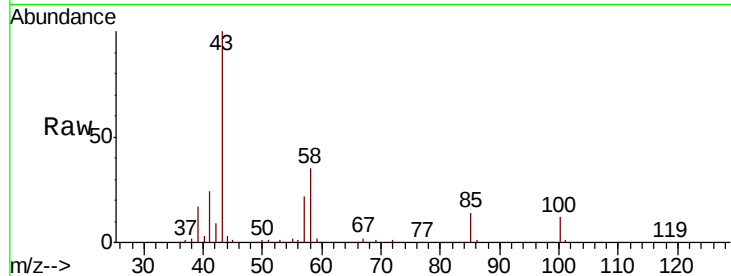
VN1114WBS01

Tot Ion: 43 Resp: 331655

Ion Ratio Lower Upper

43 100

58 34.2 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2535) (-)

9.98

200000

150000

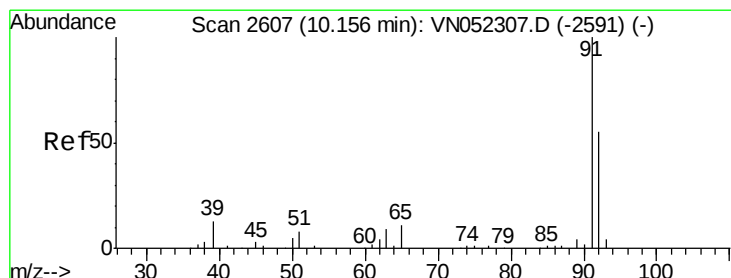
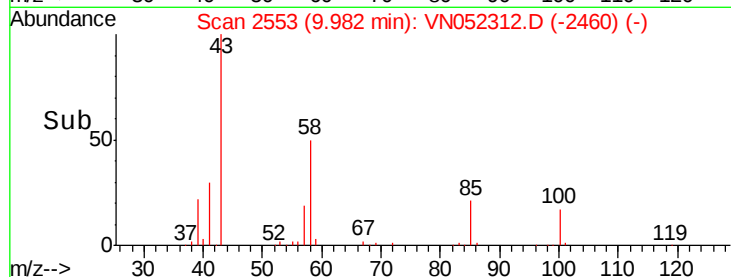
100000

50000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 19.789 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052312.D

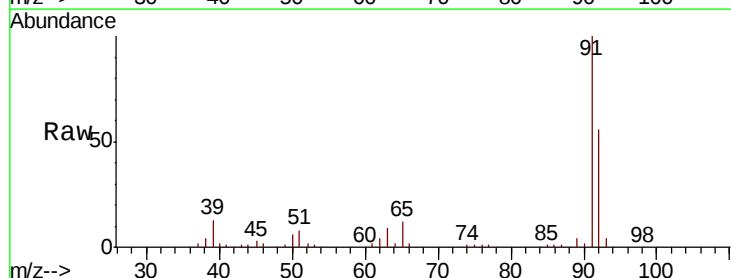
Acq: 14 Nov 2018 14:55

Tgt Ion: 92 Resp: 161404

Ion Ratio Lower Upper

92 100

91 177.8 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN052307.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN052307.D (-2591) (-)

10.16

150000

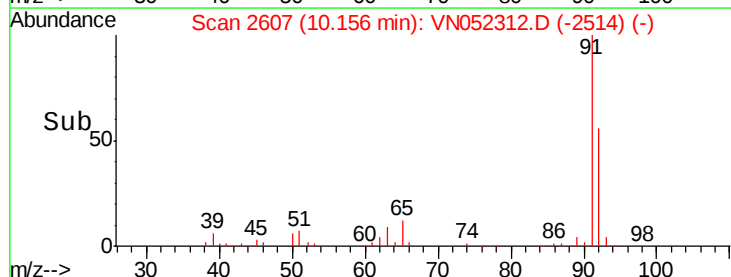
100000

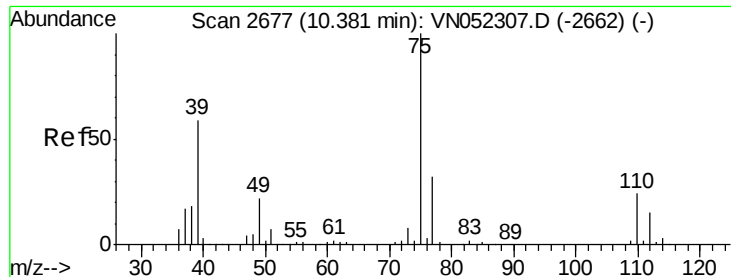
50000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.828 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampled :

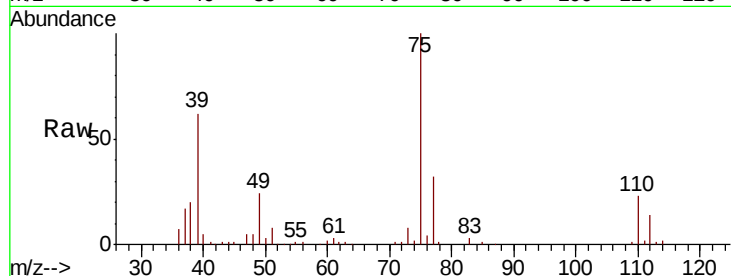
VN1114WBS01

Tot Ion: 75 Resp: 87285

Ion Ratio Lower Upper

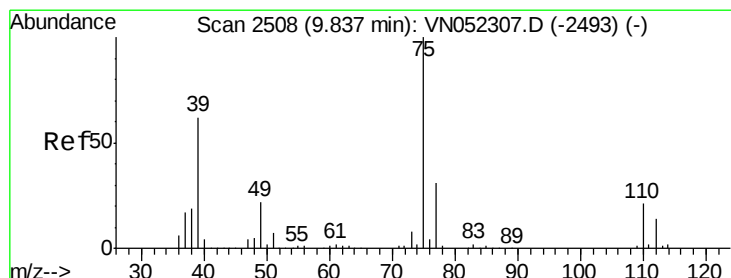
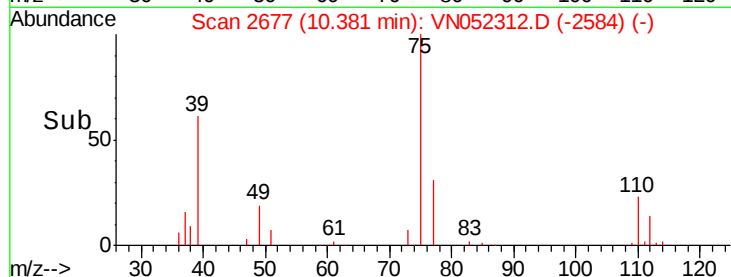
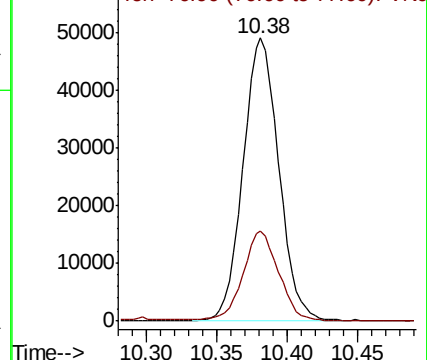
75 100

77 31.5 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.387 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

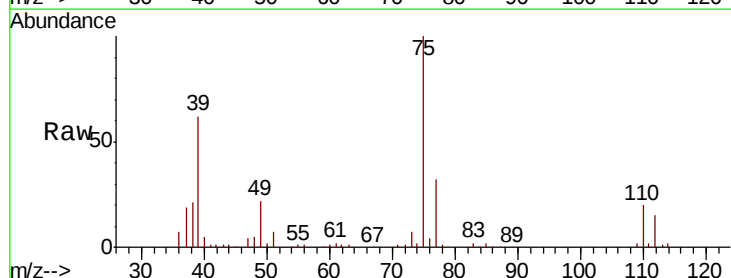
Tgt Ion: 75 Resp: 102458

Ion Ratio Lower Upper

75 100

77 32.3 24.6 36.8

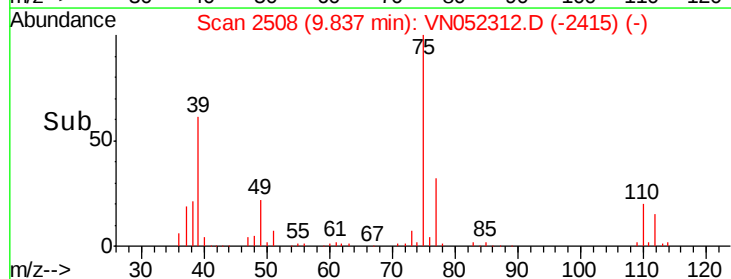
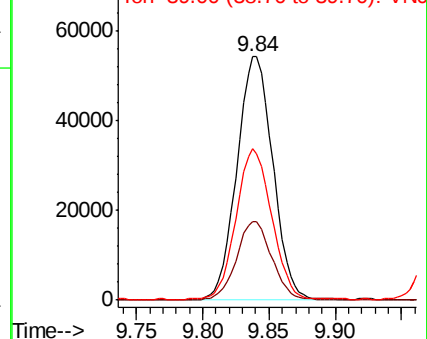
39 61.5 49.9 74.9

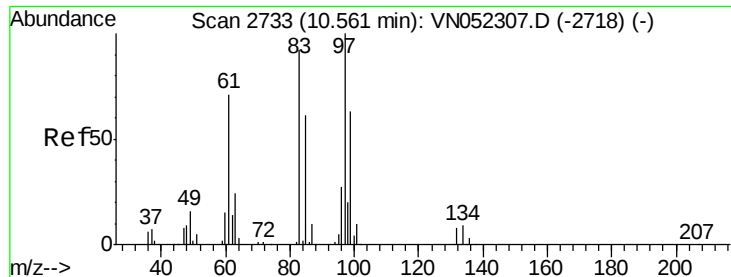


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.092 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tot Ion: 97 Resp: 56449

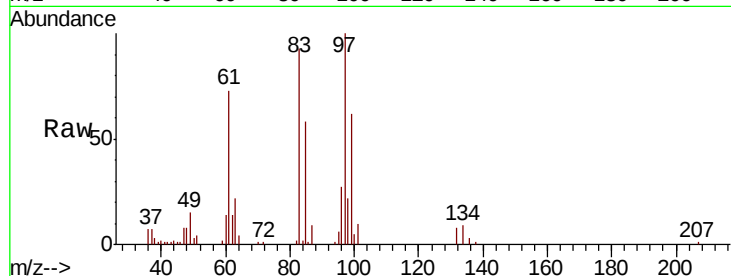
Ion Ratio Lower Upper

97 100

83 92.7 73.8 110.6

85 58.2 49.0 73.4

99 62.0 50.5 75.7

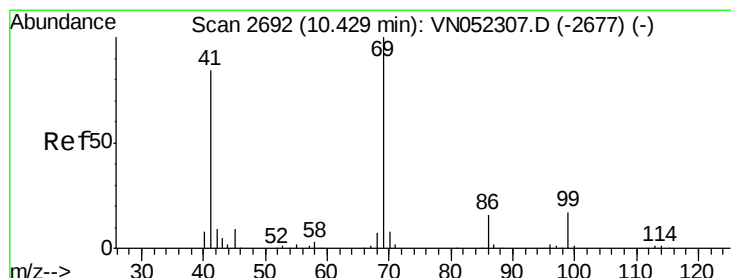
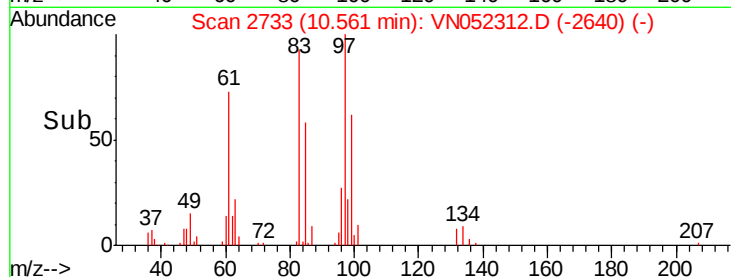
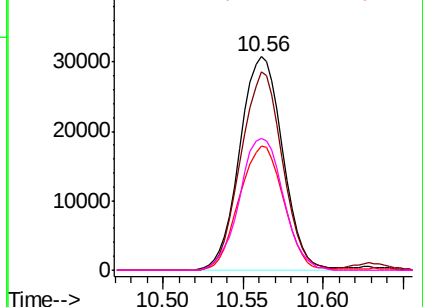


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 19.633 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

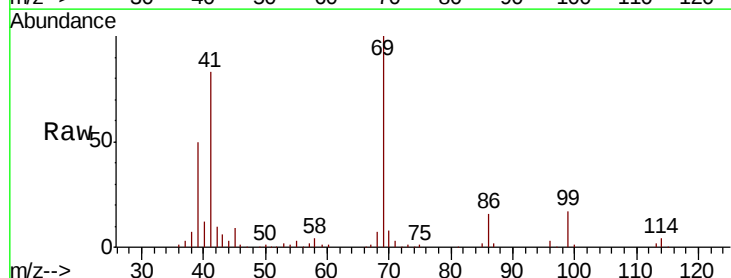
Tgt Ion: 69 Resp: 76343

Ion Ratio Lower Upper

69 100

41 80.2 64.8 97.2

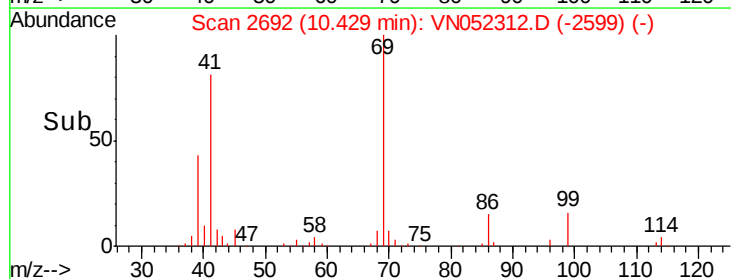
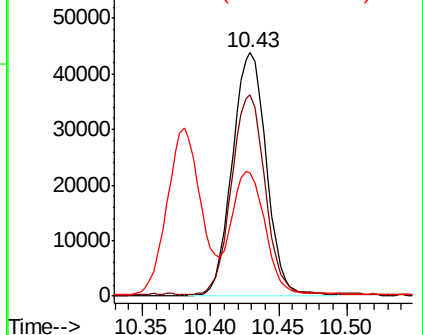
39 49.0 41.0 61.6

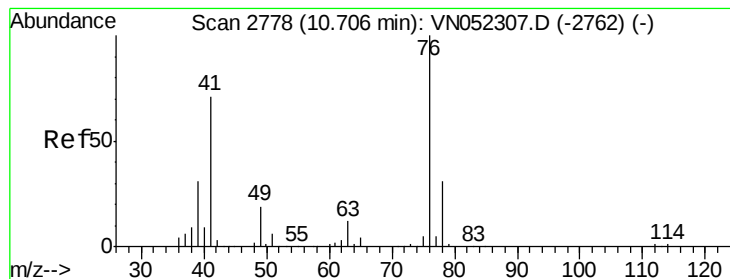


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.848 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

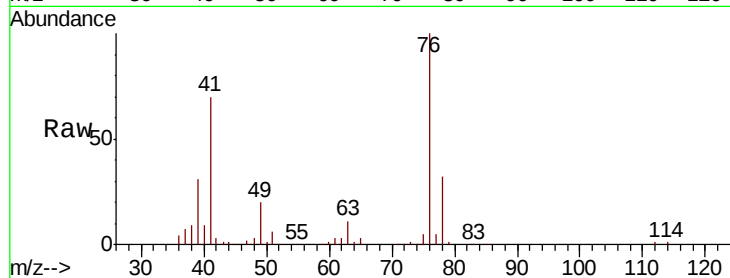
VN1114WBS01

Tot Ion: 76 Resp: 103947

Ion Ratio Lower Upper

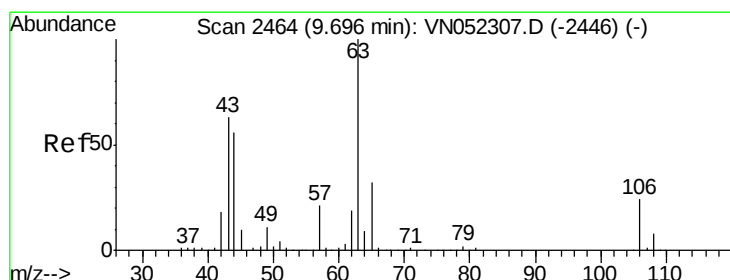
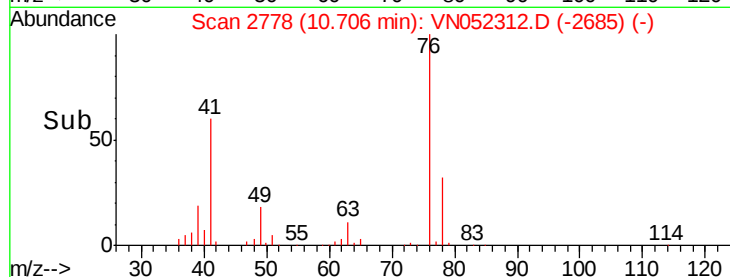
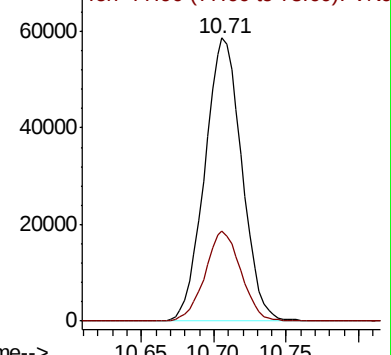
76 100

78 30.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 98.584 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN052312.D

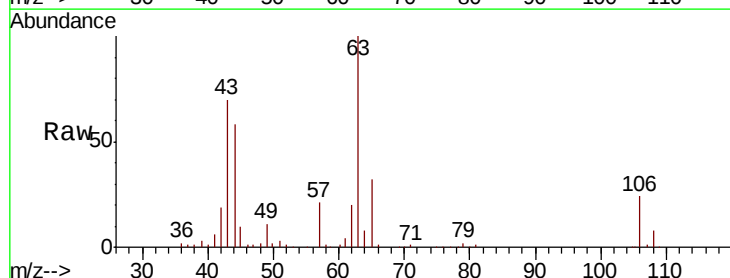
Acq: 14 Nov 2018 14:55

Tgt Ion: 63 Resp: 218245

Ion Ratio Lower Upper

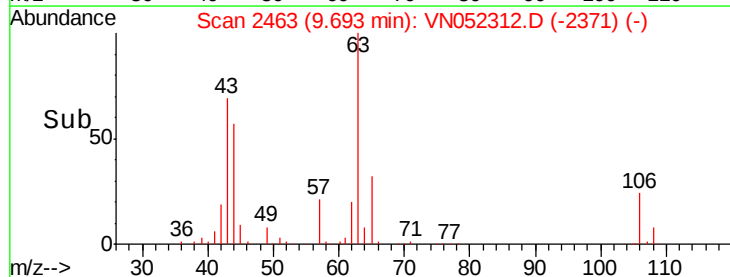
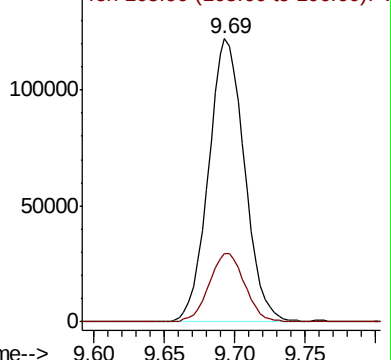
63 100

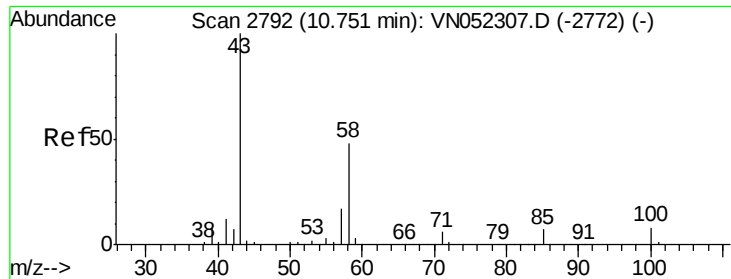
106 24.0 19.3 28.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

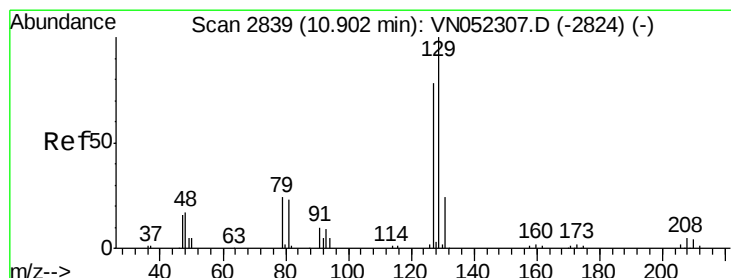
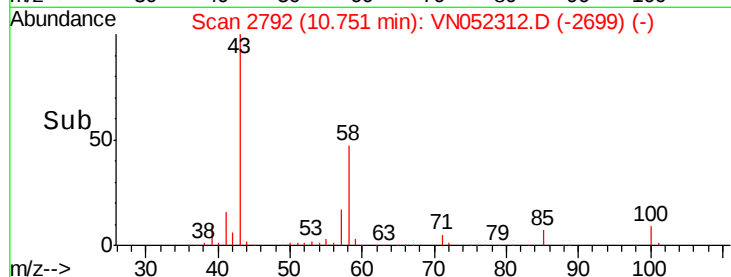
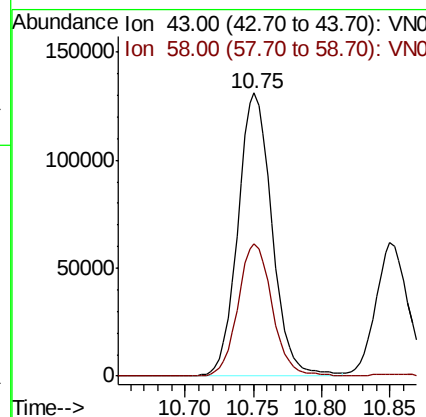
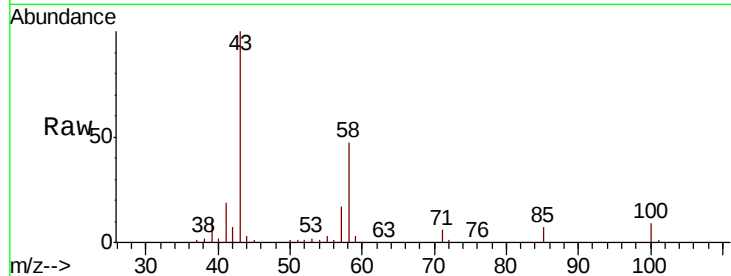




#59
2-Hexanone
Concen: 97.282 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

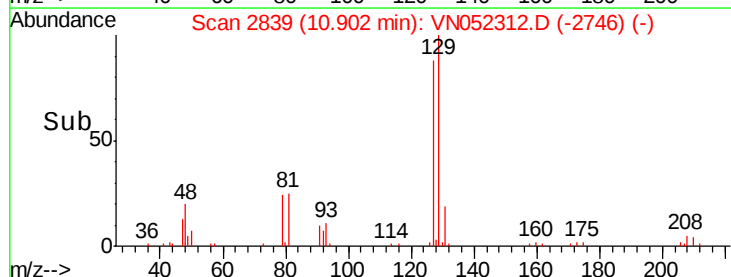
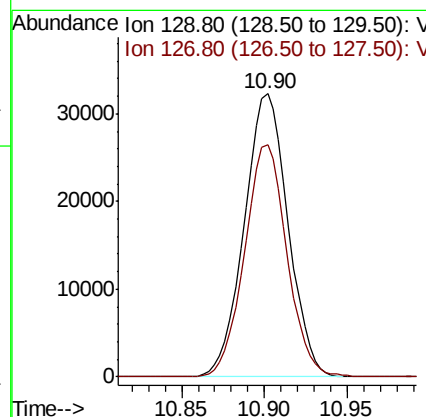
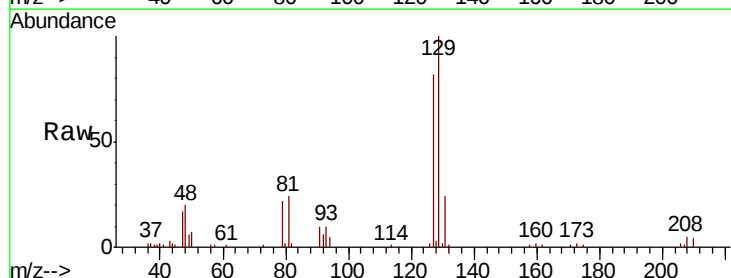
Instrument :
MSVOA_N
ClientSampled :
VN1114WBS01

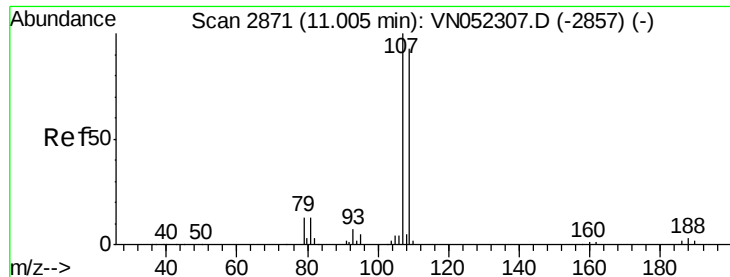
Tot Ion: 43 Resp: 225121
Ion Ratio Lower Upper
43 100
58 47.5 23.5 70.6



#60
Dibromochloromethane
Concen: 18.509 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 129 Resp: 59211
Ion Ratio Lower Upper
129 100
127 79.4 38.5 115.5

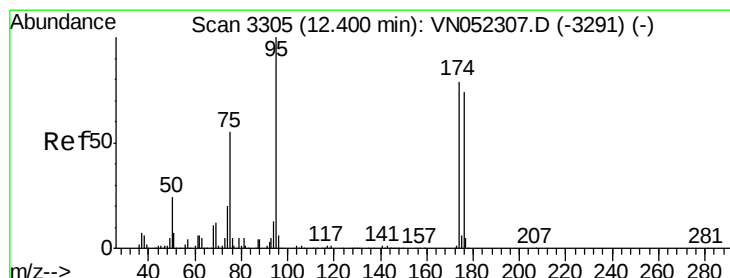
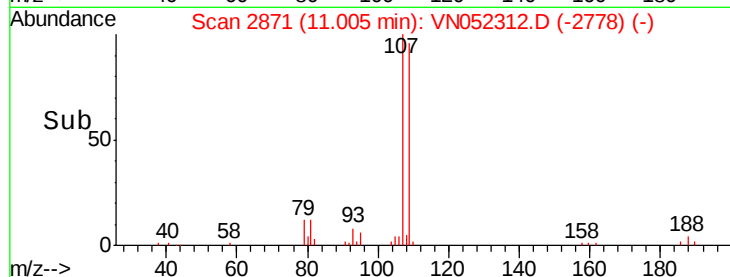
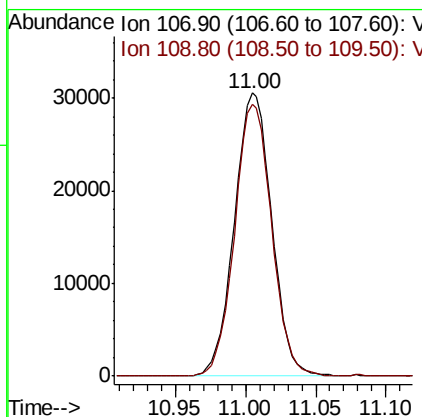
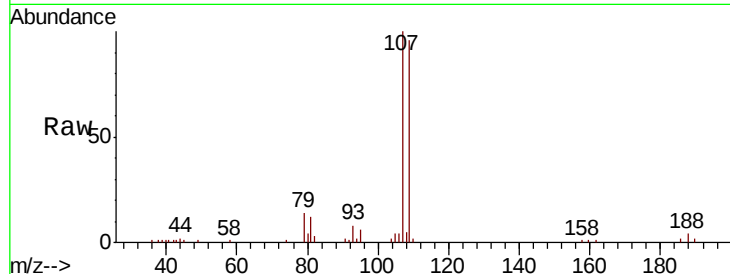




#61
 1,2-Dibromoethane
 Concen: 19.233 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

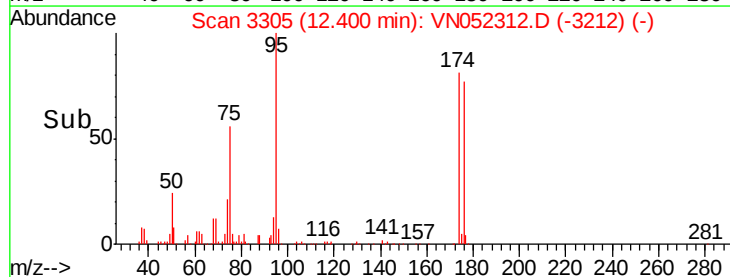
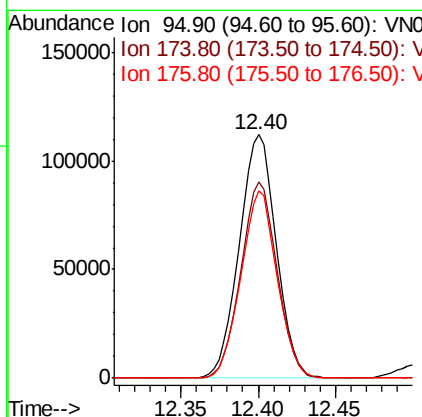
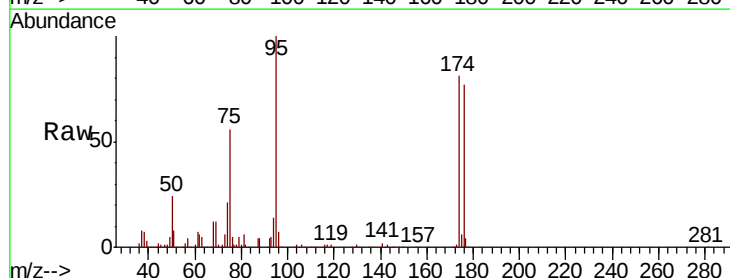
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

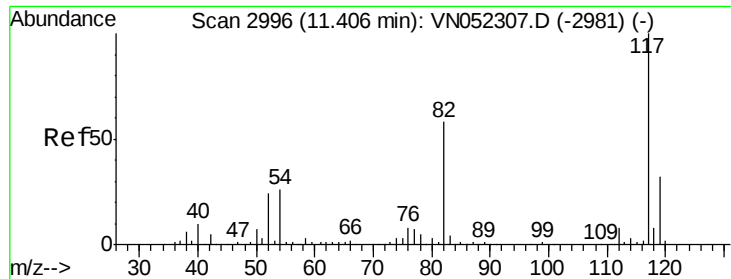
Tot Ion:107 Resp: 56645
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 19.233 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion: 95 Resp: 186274
 Ion Ratio Lower Upper
 95 100
 174 79.1 0.0 156.0
 176 75.6 0.0 148.4

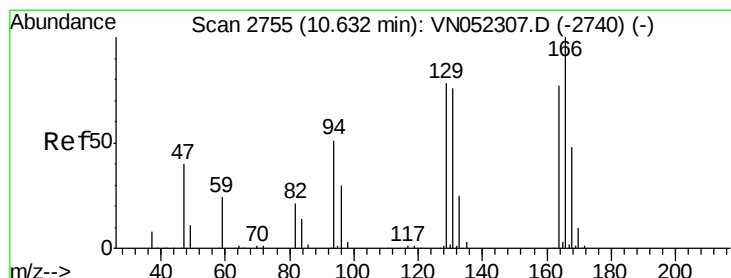
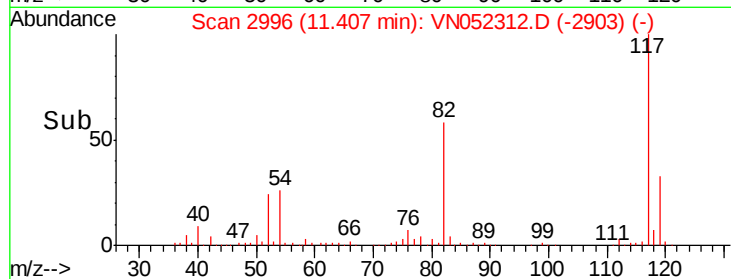
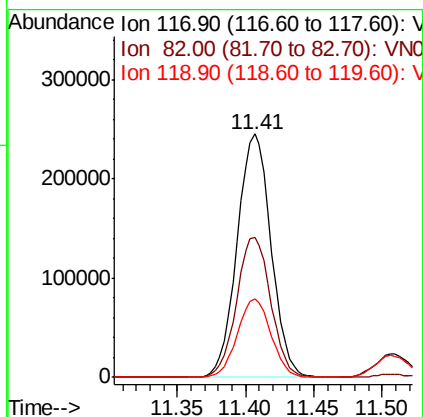
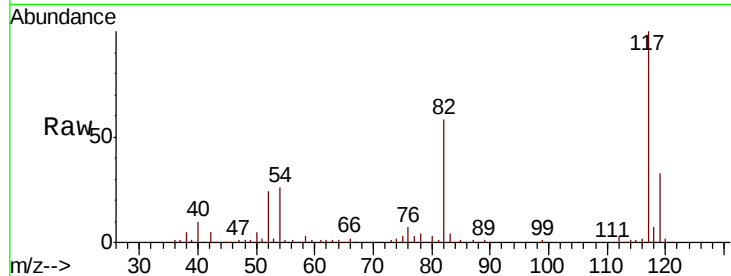




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

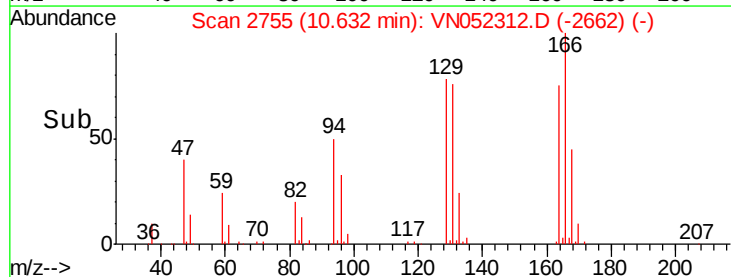
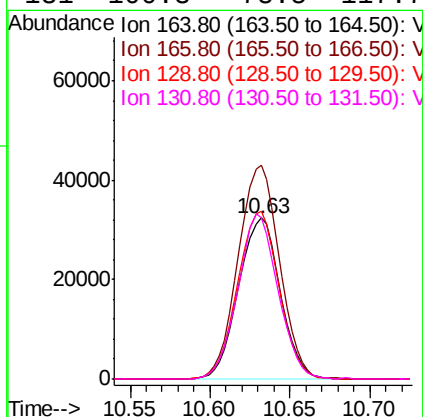
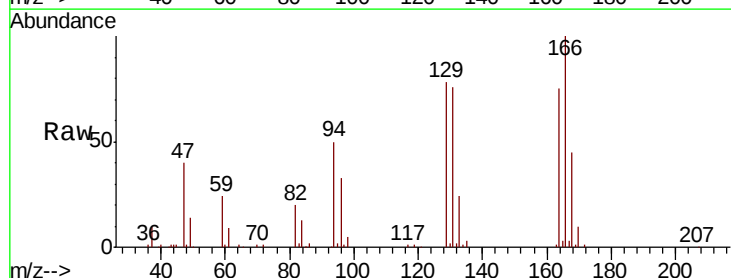
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

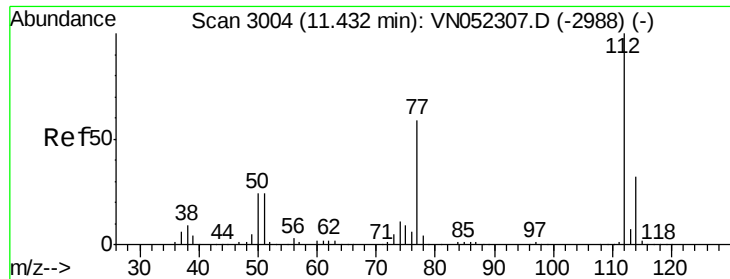
Tot Ion:117 Resp: 424159
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 19.058 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion:164 Resp: 57469
Ion Ratio Lower Upper
164 100
166 132.7 103.8 155.6
129 104.1 80.7 121.1
131 100.3 78.5 117.7

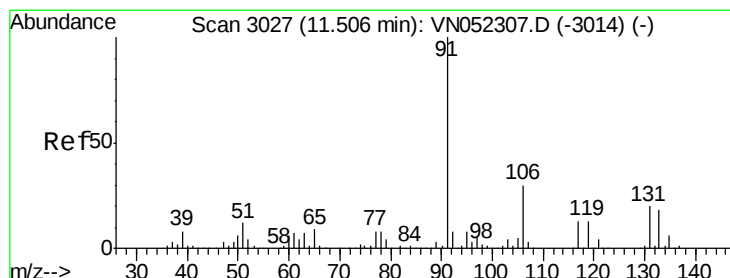
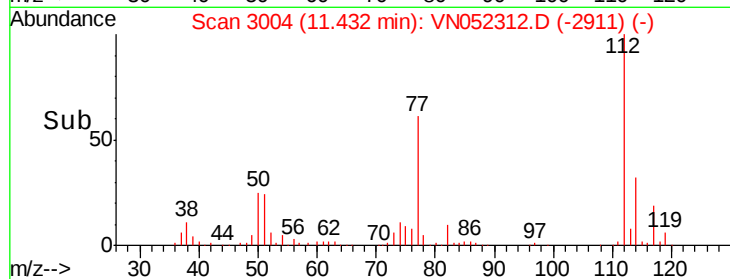
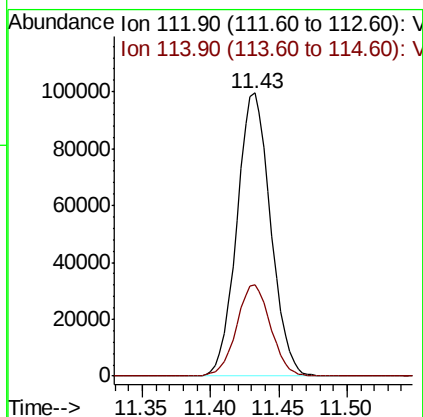
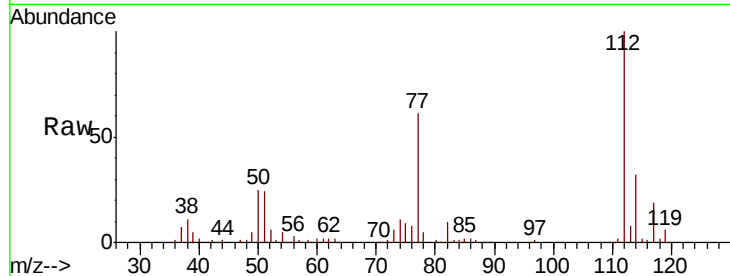




#65
Chlorobenzene
Concen: 19.078 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

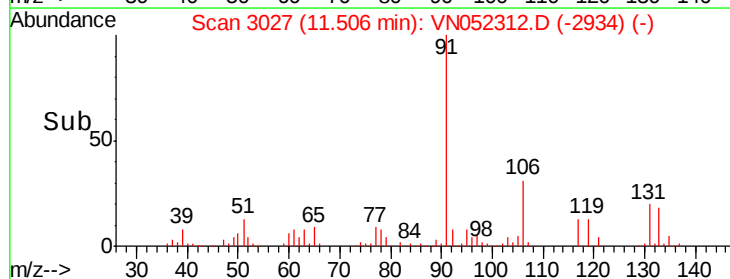
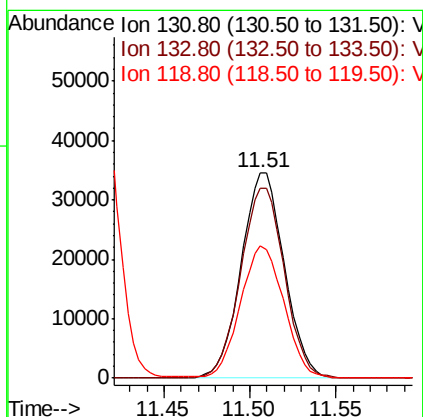
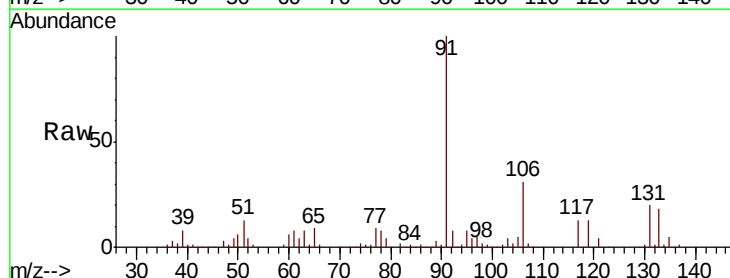
Instrument :
MSVOA_N
ClientSampled :
VN1114WBS01

Tot Ion:112 Resp: 171050
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.636 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion:131 Resp: 60034
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.3
119 65.2 33.3 99.9

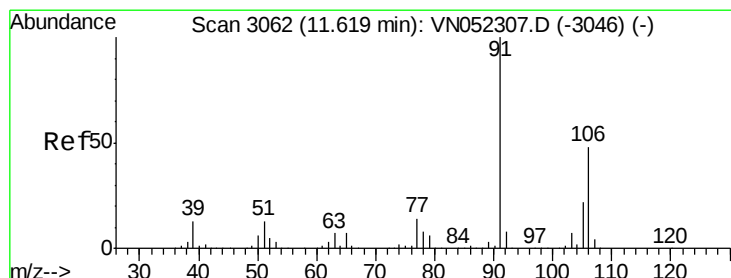
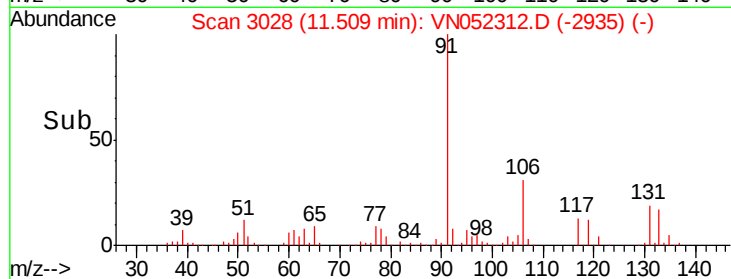
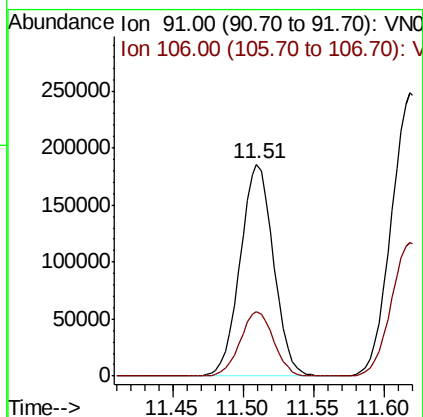
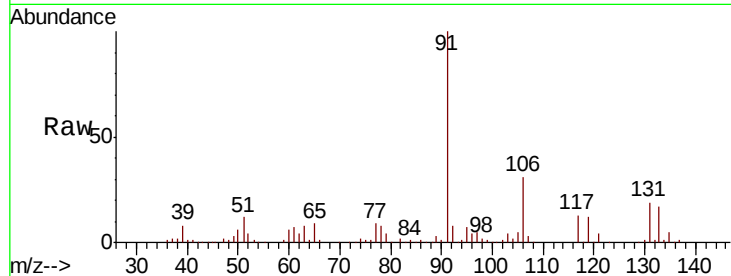




#67
Ethyl Benzene
Concen: 19.739 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

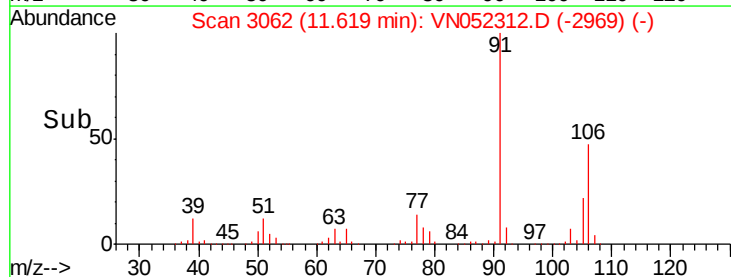
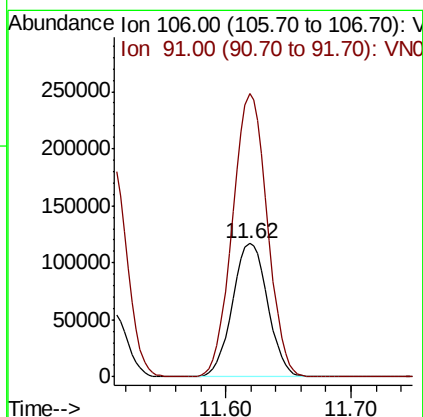
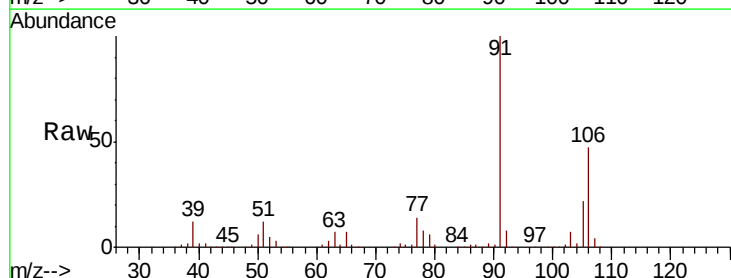
Instrument :
MSVOA_N
ClientSampled :
VN1114WBS01

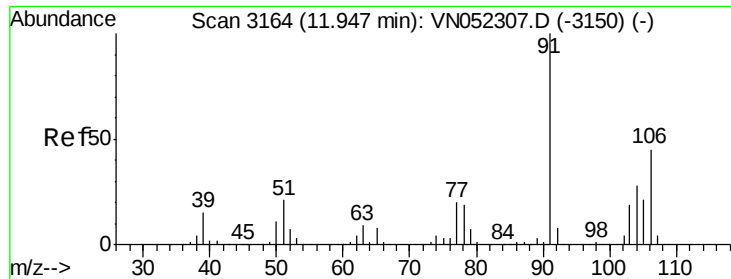
Tot Ion: 91 Resp: 307154
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2



#68
m/p-Xylenes
Concen: 40.124 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion: 106 Resp: 228130
Ion Ratio Lower Upper
106 100
91 208.9 165.5 248.3

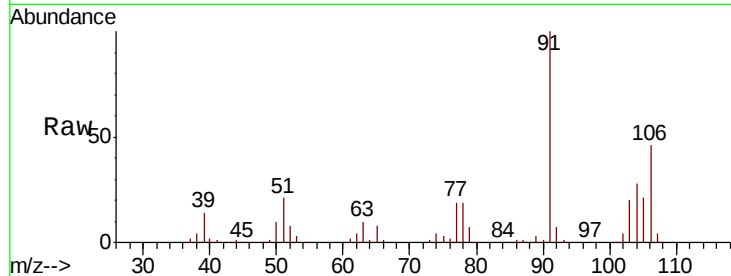




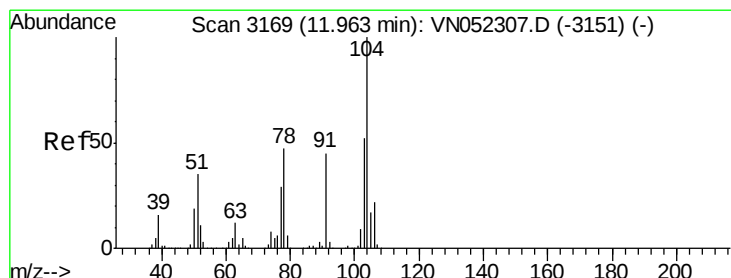
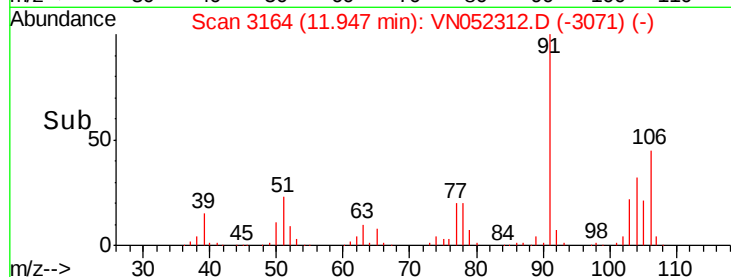
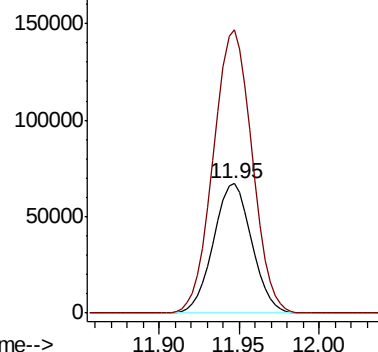
#69
o-Xylene
Concen: 20.081 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Instrument :
MSVOA_N
ClientSampled :
VN1114WBS01

Tot Ion:106 Resp: 109442
Ion Ratio Lower Upper
106 100
91 221.2 110.0 330.0

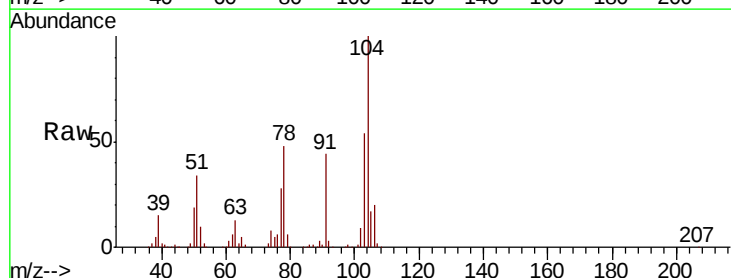


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

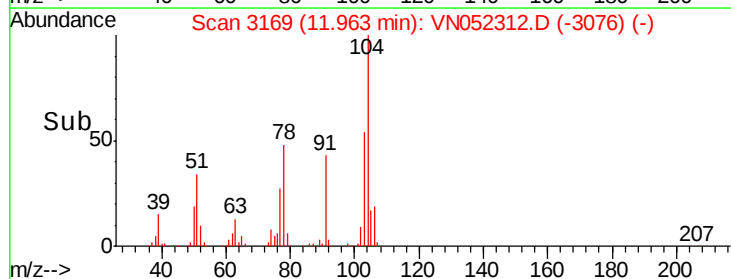
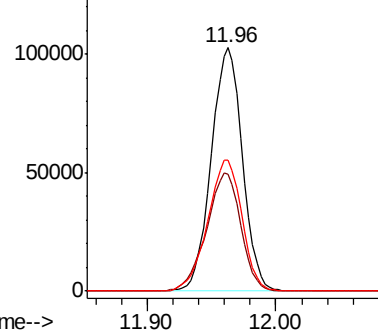


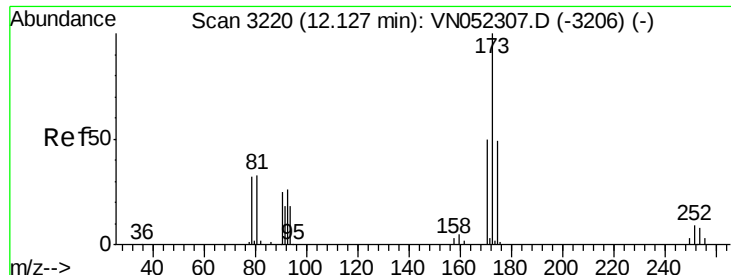
#70
Styrene
Concen: 19.778 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion:104 Resp: 172594
Ion Ratio Lower Upper
104 100
78 53.2 42.7 64.1
103 59.1 45.4 68.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

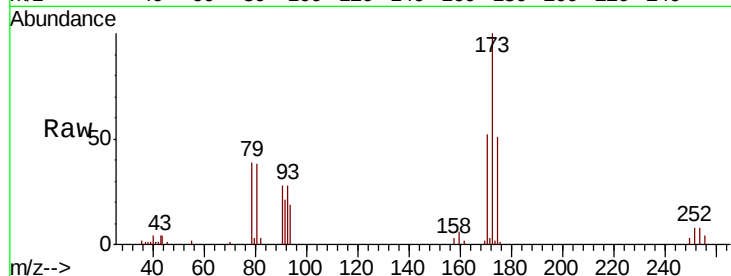




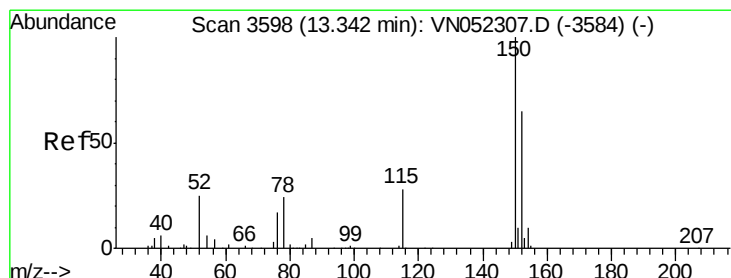
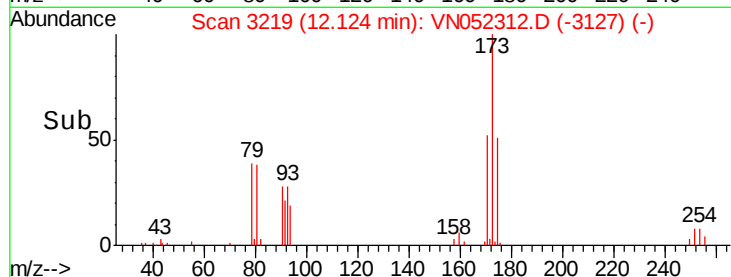
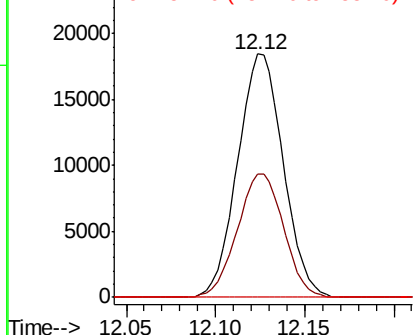
#71
Bromoform
Concen: 18.256 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tot Ion:173 Resp: 32954
Ion Ratio Lower Upper
173 100
175 51.3 25.0 75.0
254 0.0 0.0 0.0

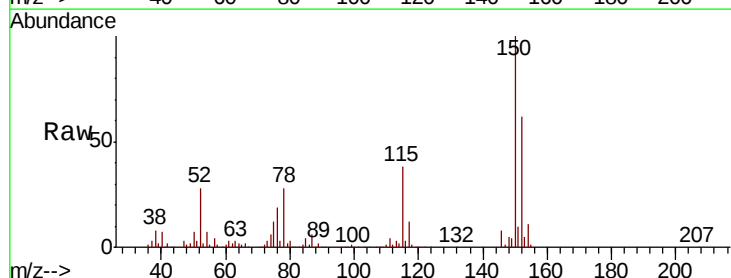


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

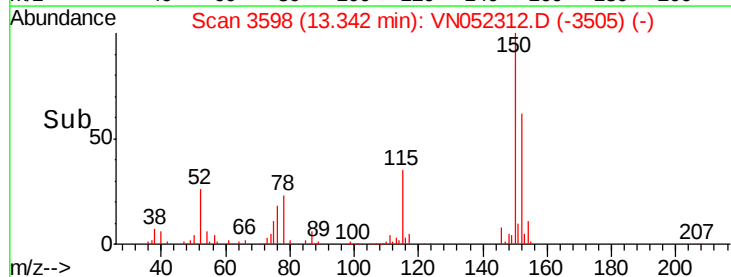
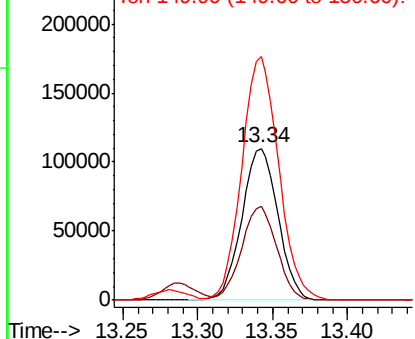


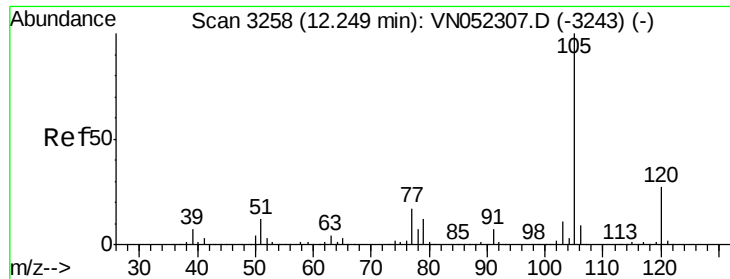
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052312.D
Acq: 14 Nov 2018 14:55

Tgt Ion:152 Resp: 184420
Ion Ratio Lower Upper
152 100
115 60.2 30.3 91.0
150 164.4 0.0 348.2



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





#73

Isopropylbenzene

Concen: 19.960 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

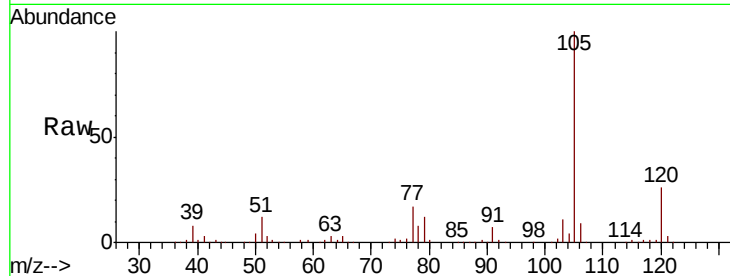
VN1114WBS01

Tot Ion:105 Resp: 295956

Ion Ratio Lower Upper

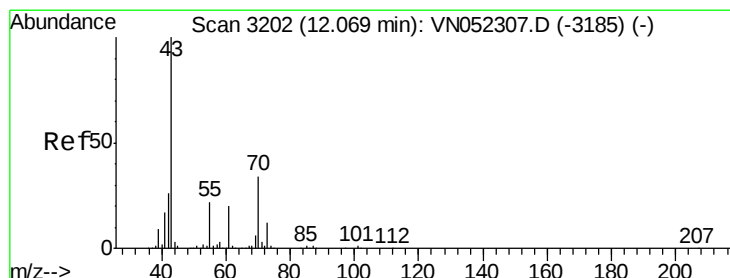
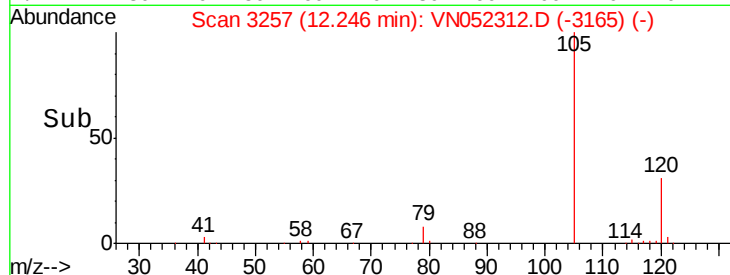
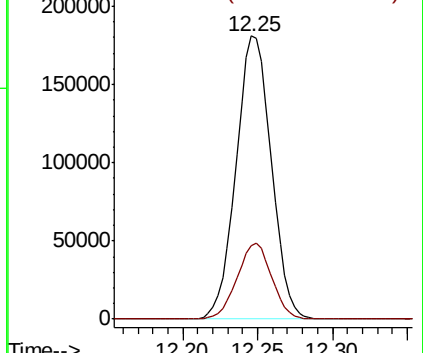
105 100

120 26.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.204 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Tgt Ion: 43 Resp: 101420

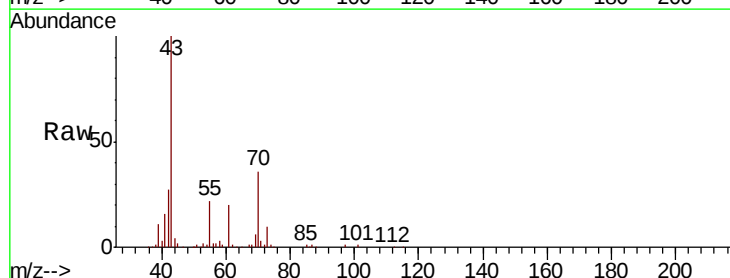
Ion Ratio Lower Upper

43 100

70 35.9 27.1 40.7

55 22.9 17.4 26.0

61 20.2 16.1 24.1

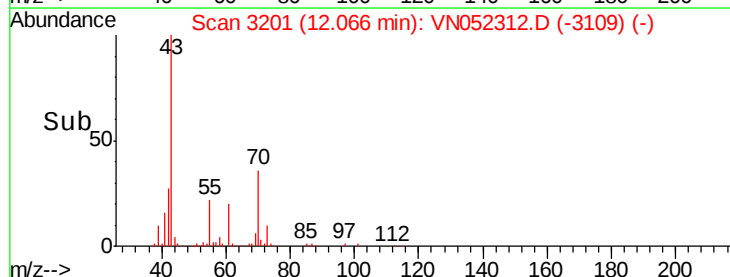
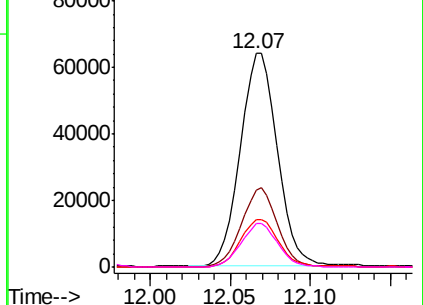


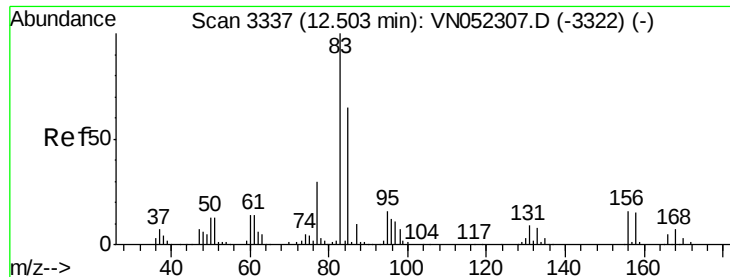
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.007 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

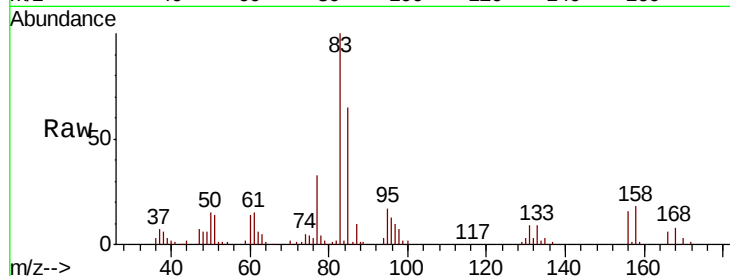
Tot Ion: 83 Resp: 68127

Ion Ratio Lower Upper

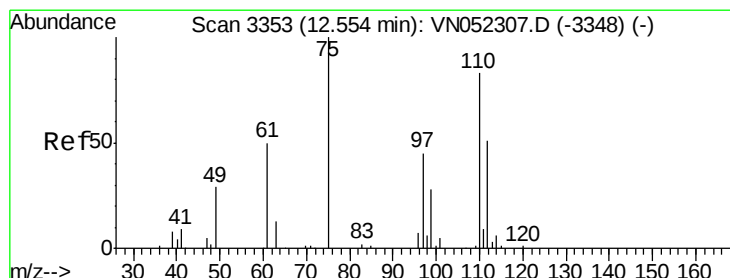
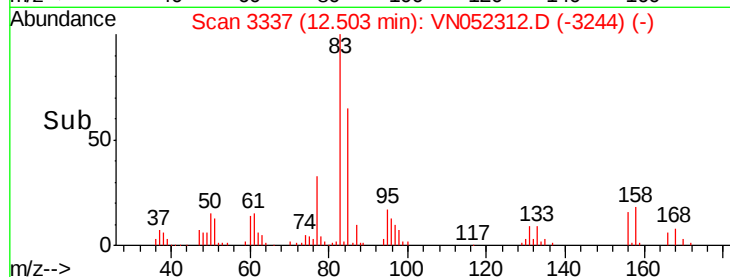
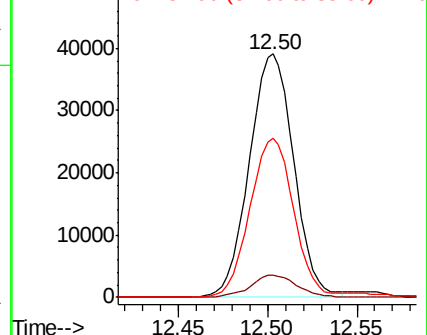
83 100

131 9.4 4.7 14.1

85 64.3 32.4 97.2



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



#76

1,2,3-Trichloropropane

Concen: 28.812 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN052312.D

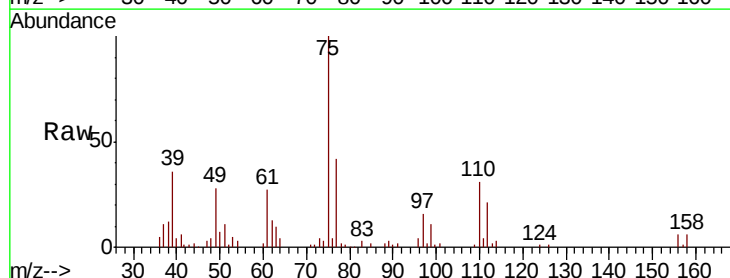
Acq: 14 Nov 2018 14:55

Tgt Ion: 75 Resp: 90161

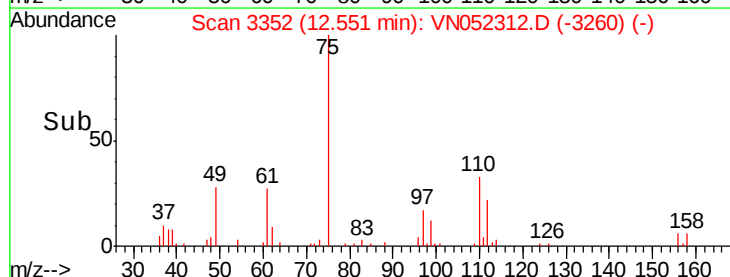
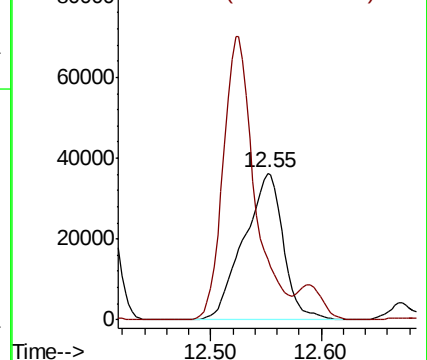
Ion Ratio Lower Upper

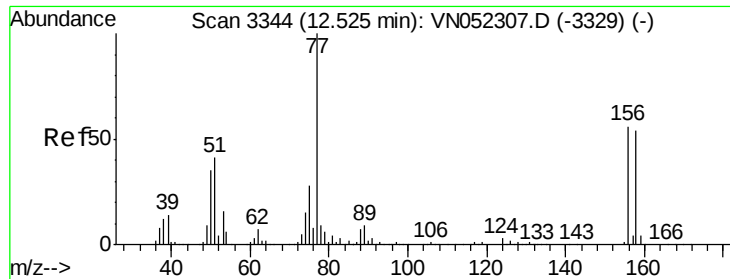
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.628 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

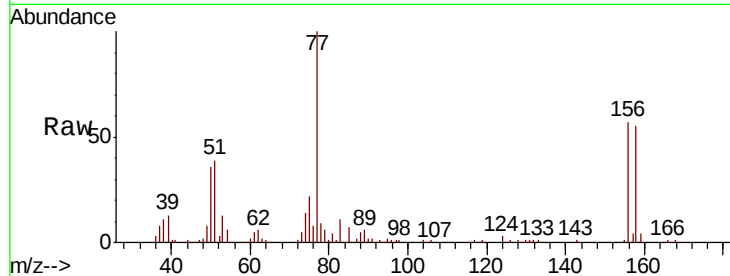
Tot Ion:156 Resp: 67715

Ion Ratio Lower Upper

156 100

77 205.5 103.6 310.9

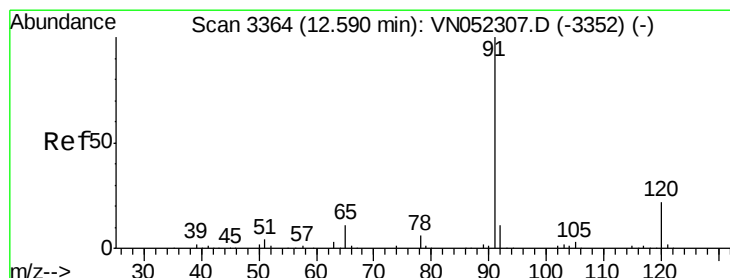
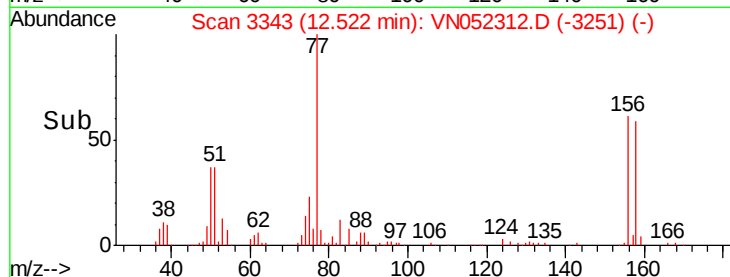
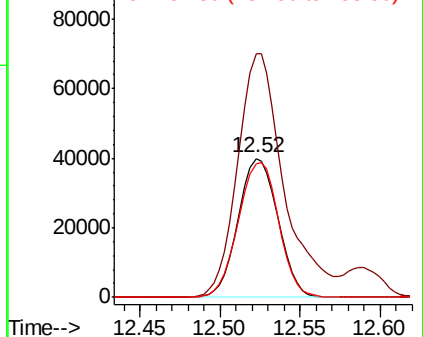
158 98.7 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.068 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052312.D

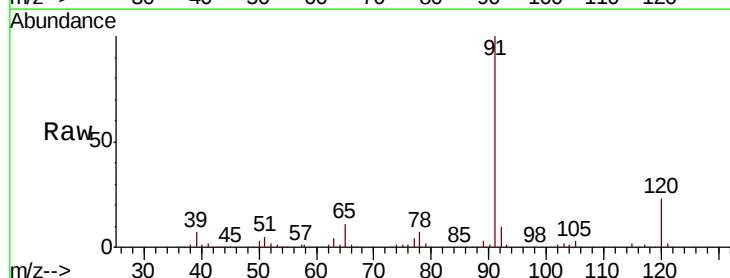
Acq: 14 Nov 2018 14:55

Tgt Ion: 91 Resp: 347996

Ion Ratio Lower Upper

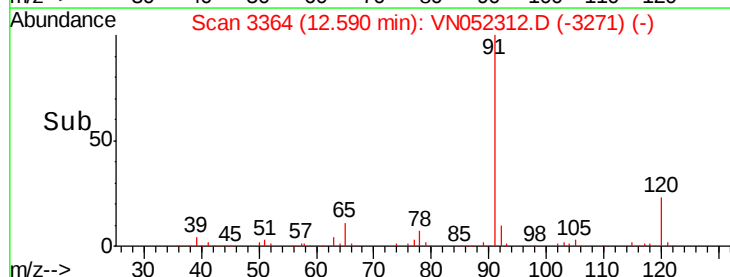
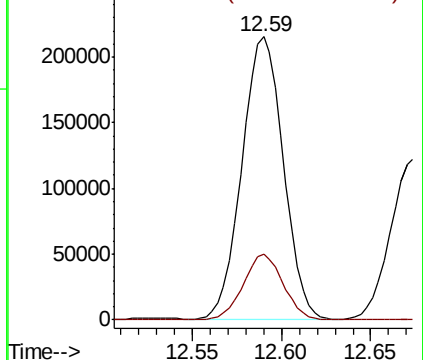
91 100

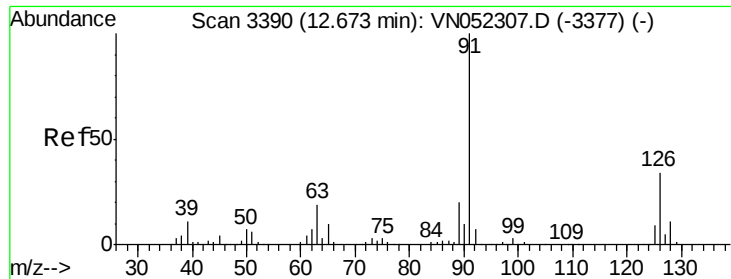
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.039 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

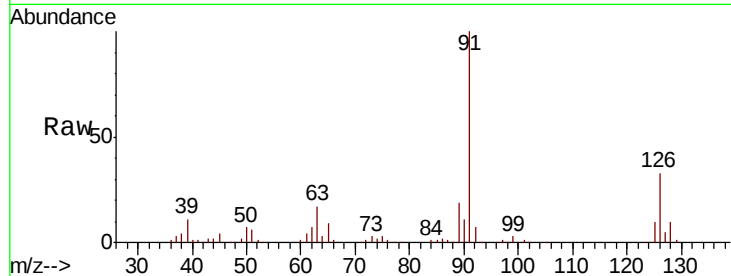
VN1114WBS01

Tot Ion: 91 Resp: 202995

Ion Ratio Lower Upper

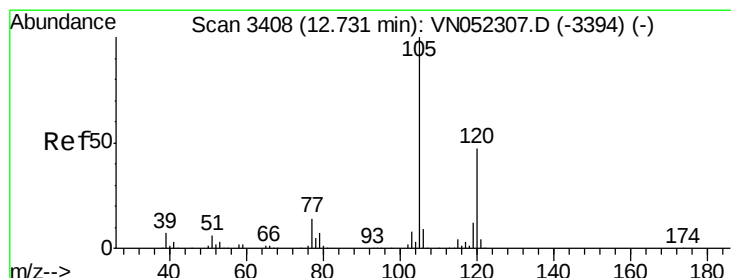
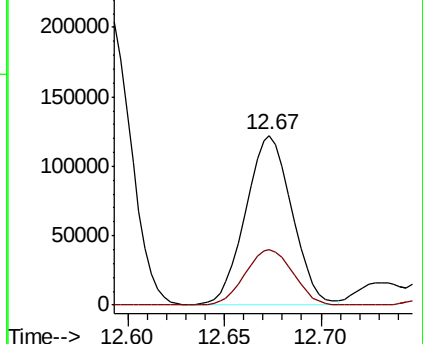
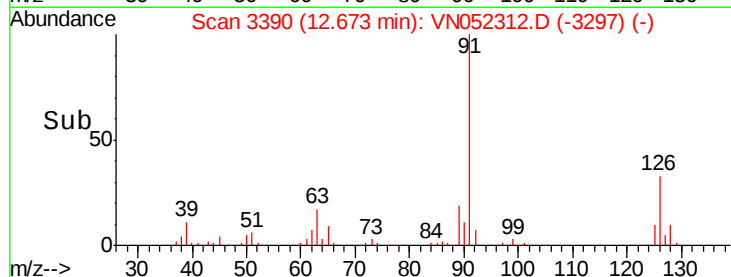
91 100

126 34.0 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN052312.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN052312.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.516 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052312.D

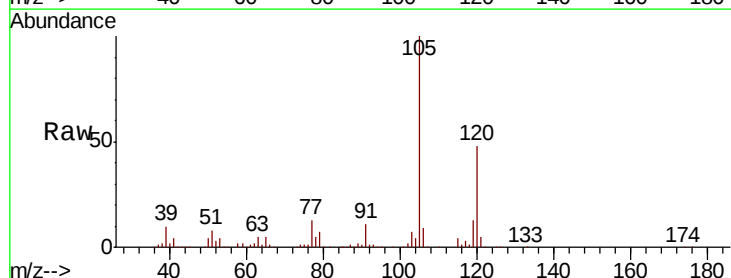
Acq: 14 Nov 2018 14:55

Tgt Ion:105 Resp: 241913

Ion Ratio Lower Upper

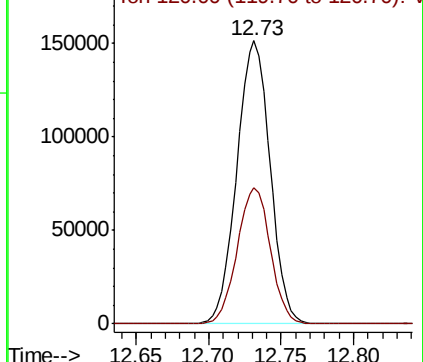
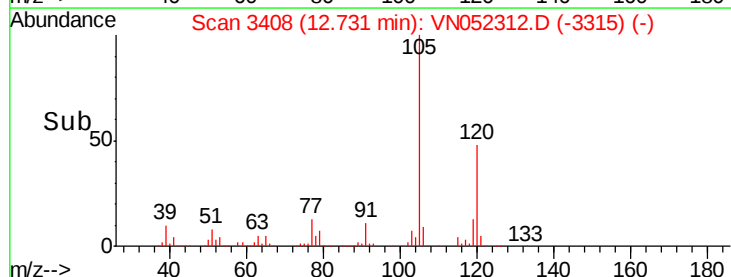
105 100

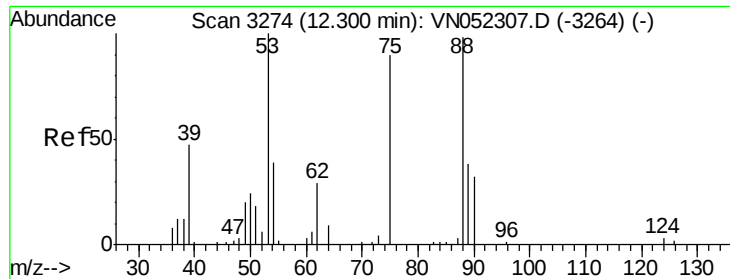
120 47.8 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052312.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN052312.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.763 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

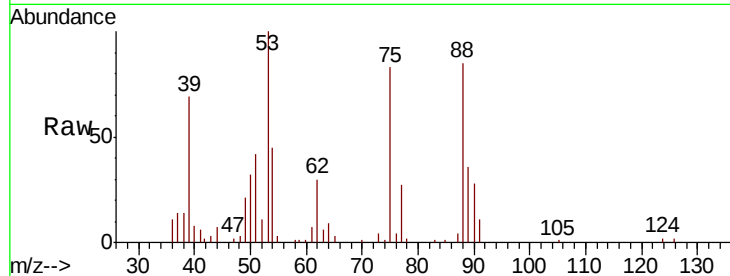
Tot Ion: 75 Resp: 17138

Ion Ratio Lower Upper

75 100

53 124.7 90.2 135.2

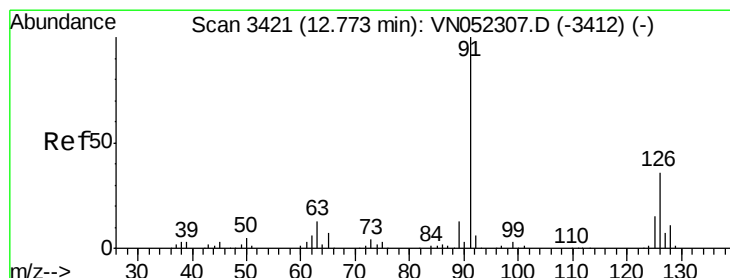
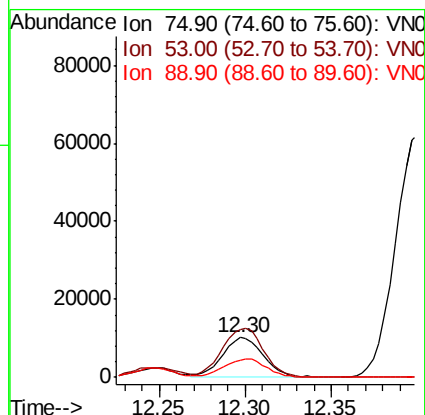
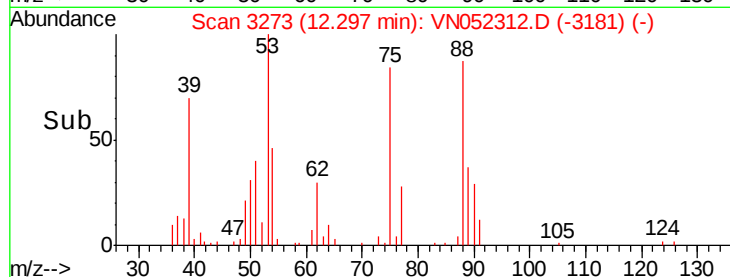
89 47.1 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.278 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN052312.D

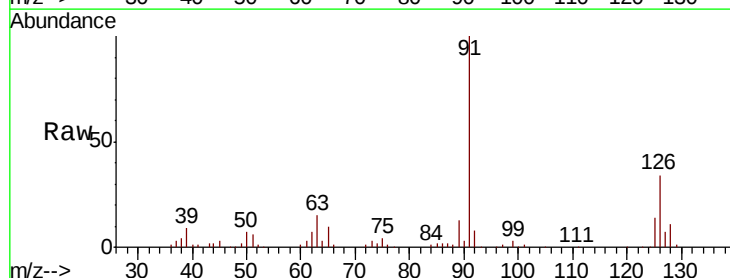
Acq: 14 Nov 2018 14:55

Tgt Ion: 91 Resp: 200076

Ion Ratio Lower Upper

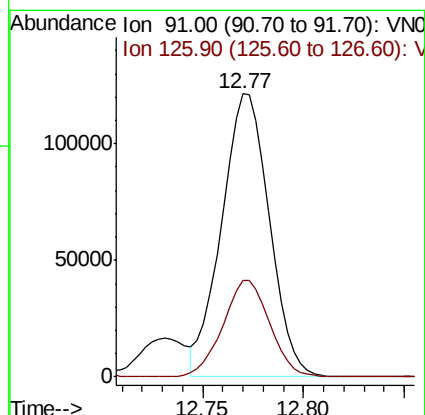
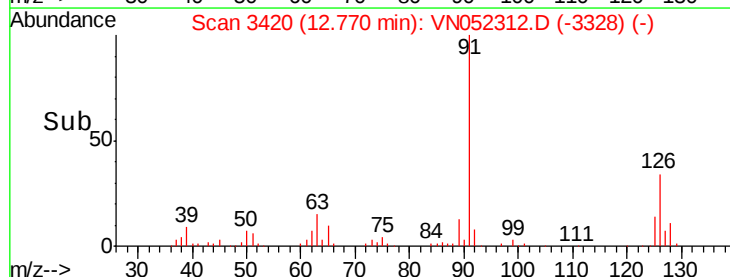
91 100

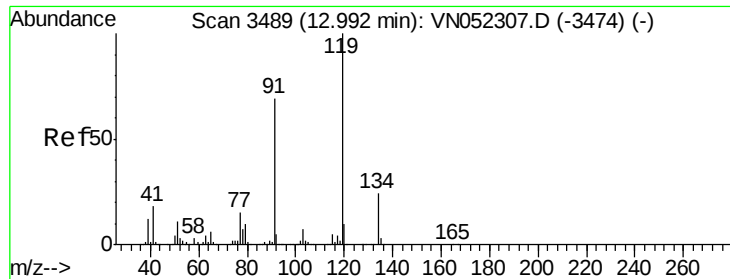
126 33.7 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.074 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampled :

VN1114WBS01

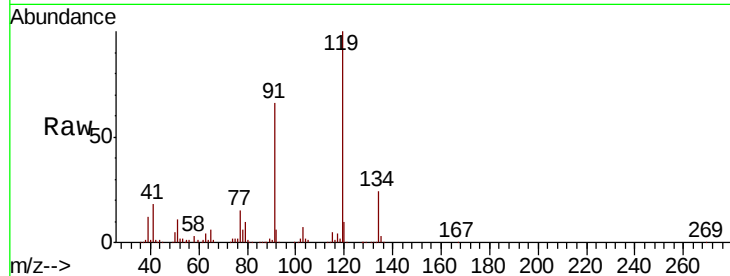
Tot Ion:119 Resp: 208971

Ion Ratio Lower Upper

119 100

91 67.4 33.8 101.3

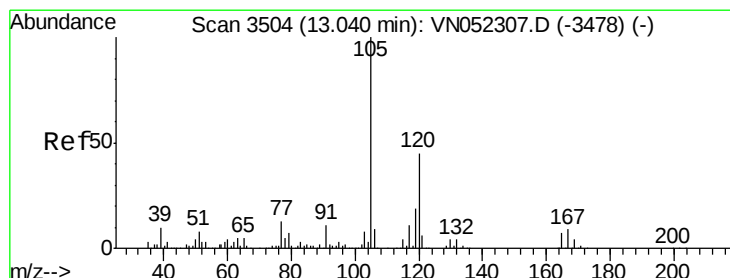
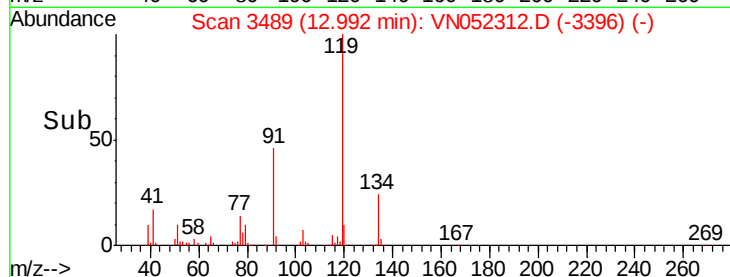
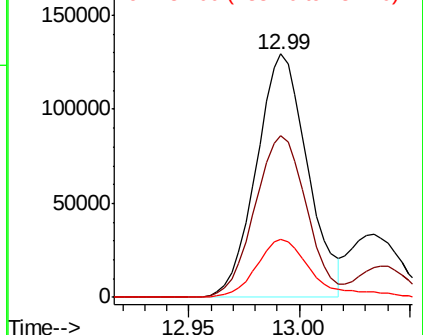
134 25.8 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.018 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN052312.D

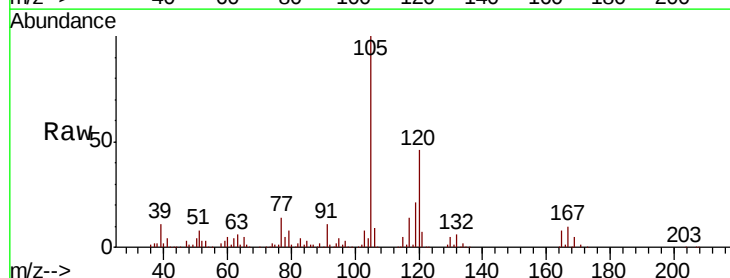
Acq: 14 Nov 2018 14:55

Tgt Ion:105 Resp: 236952

Ion Ratio Lower Upper

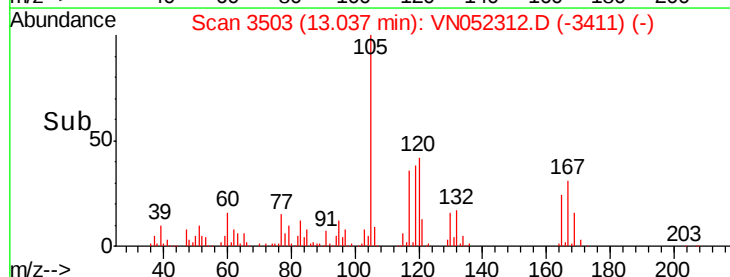
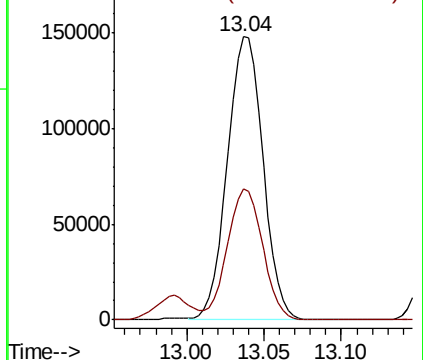
105 100

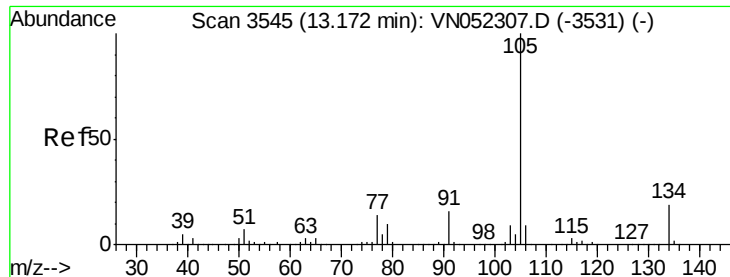
120 46.0 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

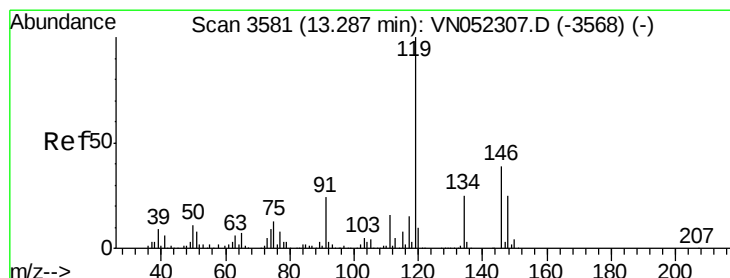
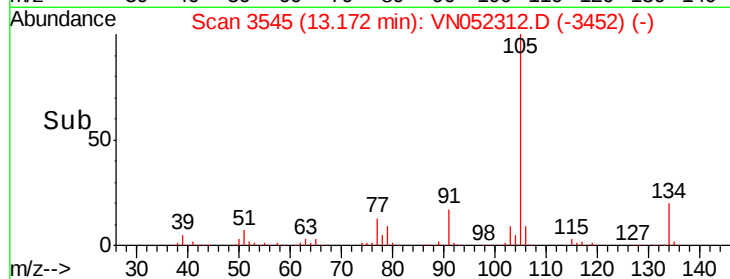
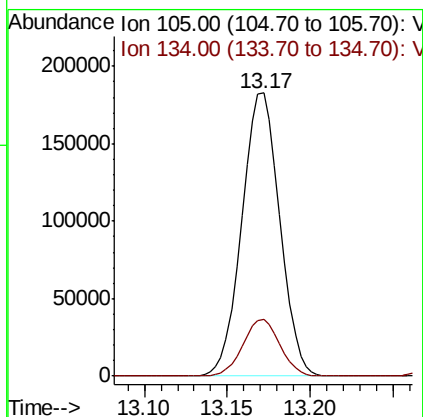
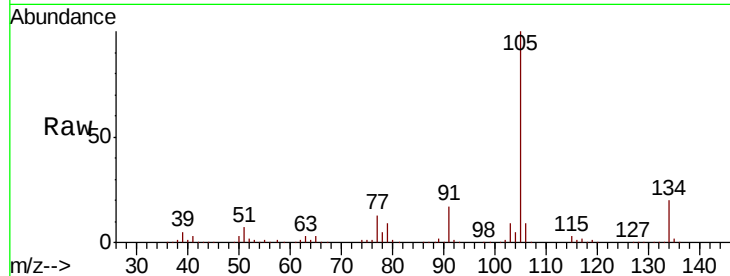




#85
 sec-Butylbenzene
 Concen: 20.439 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

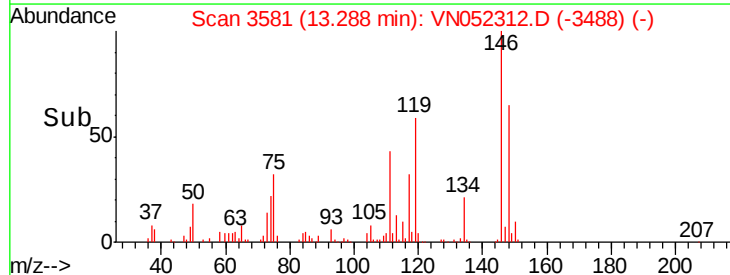
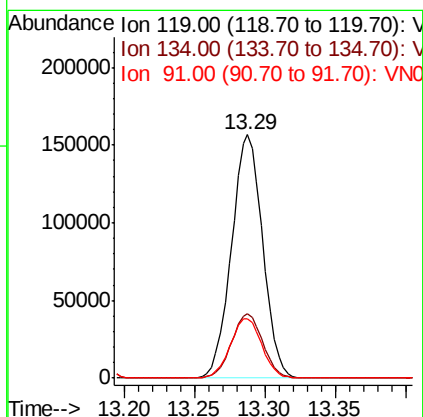
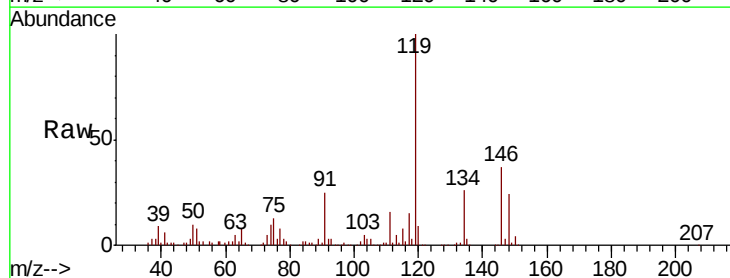
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

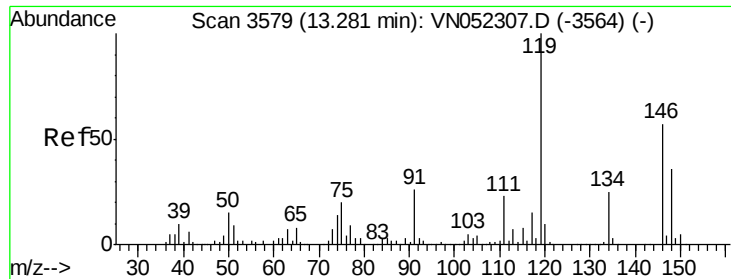
Tot Ion:105 Resp: 289834
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 20.163 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion:119 Resp: 242203
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 24.8 12.4 37.0

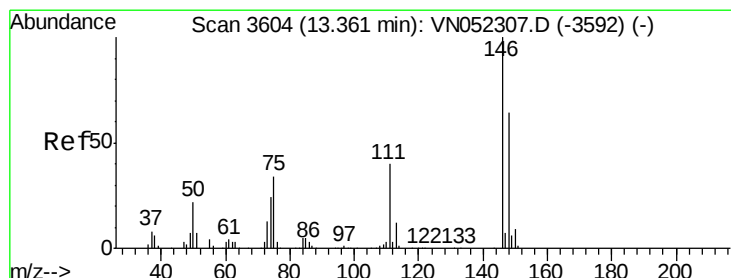
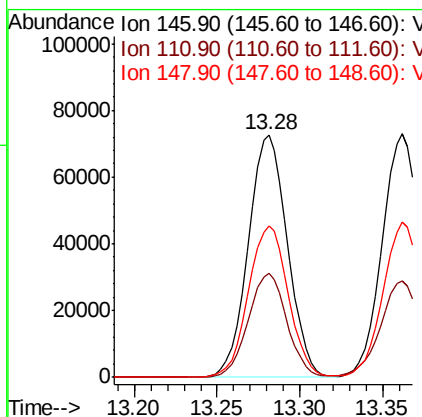
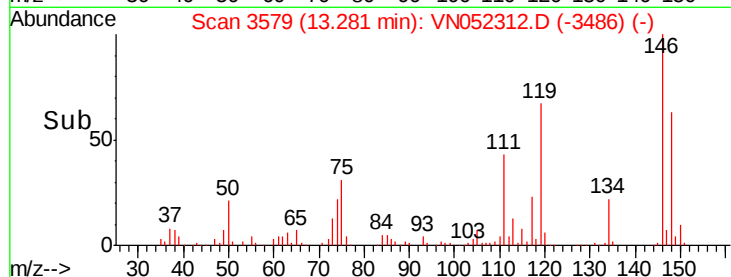
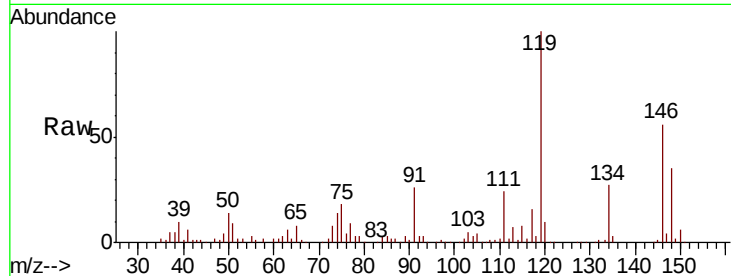




#87
 1,3-Dichlorobenzene
 Concen: 19.485 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

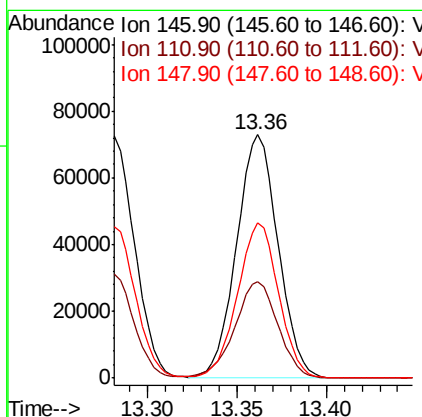
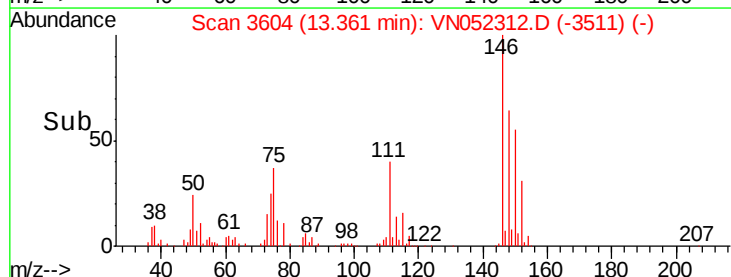
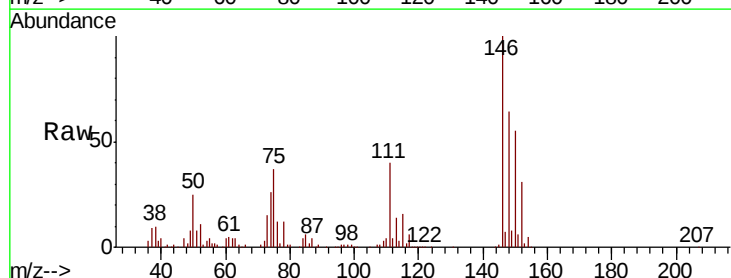
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

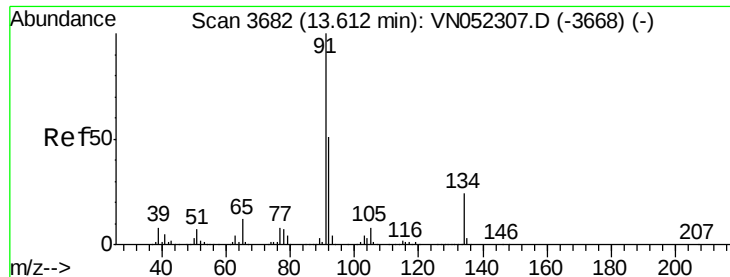
Tot Ion:146 Resp: 119389
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.3 61.0
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.537 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion:146 Resp: 119008
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.8
 148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 20.664 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampled :

VN1114WBS01

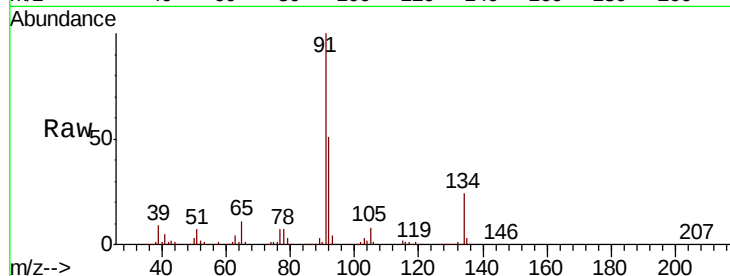
Tot Ion: 91 Resp: 213182

Ion Ratio Lower Upper

91 100

92 50.4 25.4 76.2

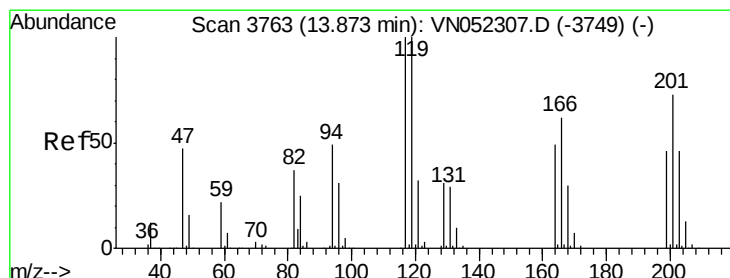
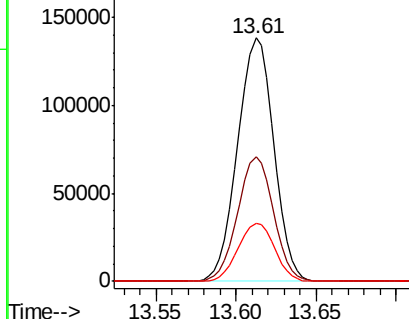
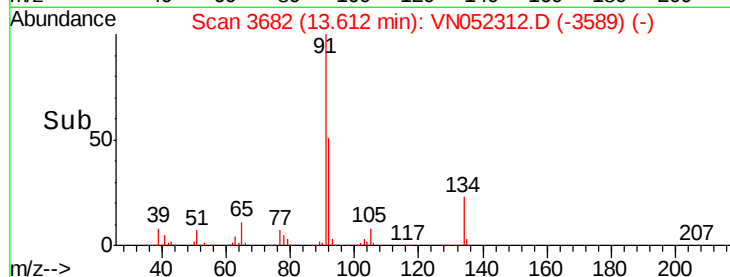
134 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VN052312.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN052312.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN052312.D (-3589) (-)



#90

Hexachloroethane

Concen: 18.580 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN052312.D

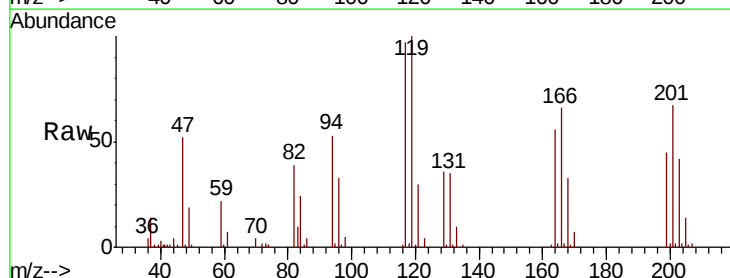
Acq: 14 Nov 2018 14:55

Tgt Ion: 117 Resp: 39530

Ion Ratio Lower Upper

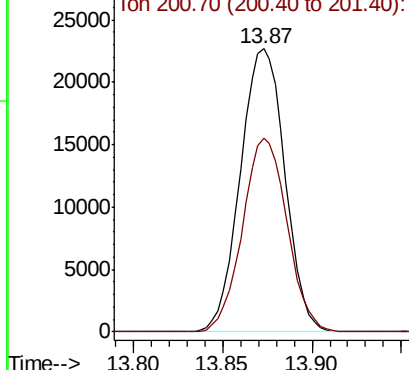
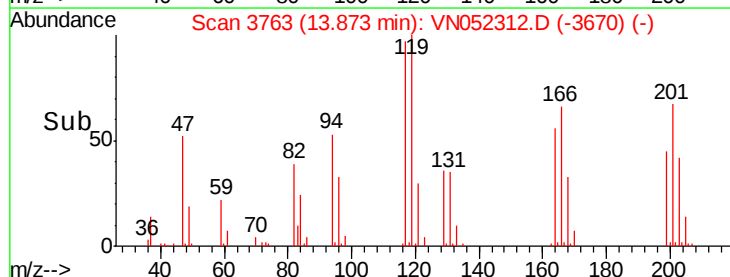
117 100

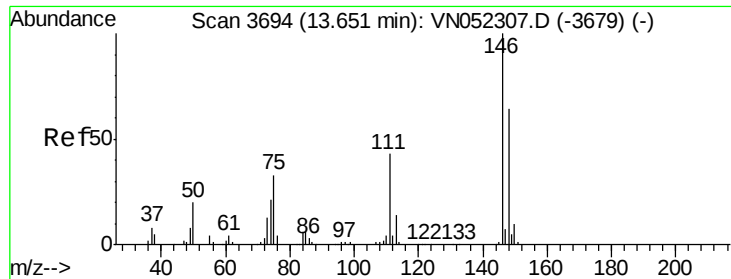
201 68.4 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): VN052312.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN052312.D (-3670) (-)

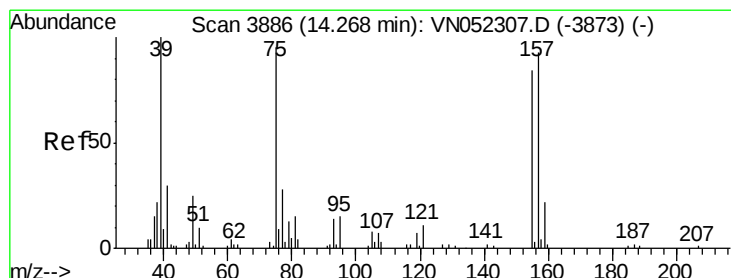
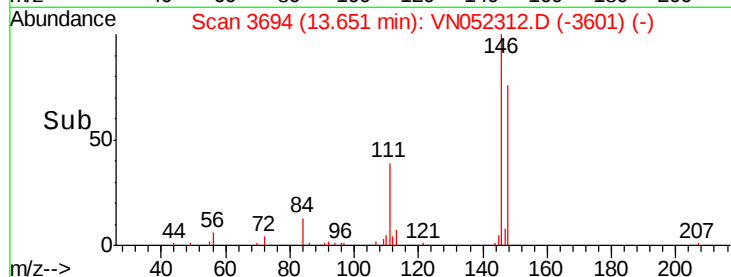
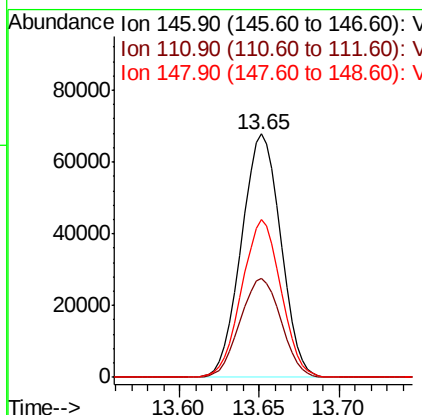
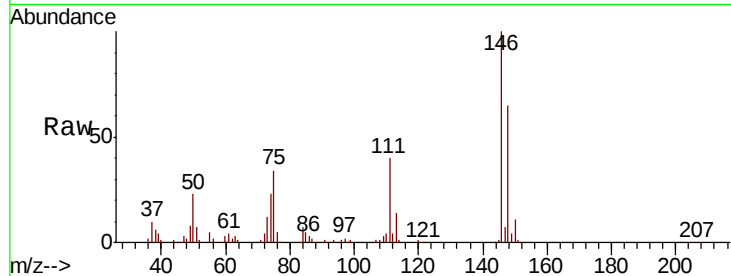




#91
 1,2-Dichlorobenzene
 Concen: 19.204 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

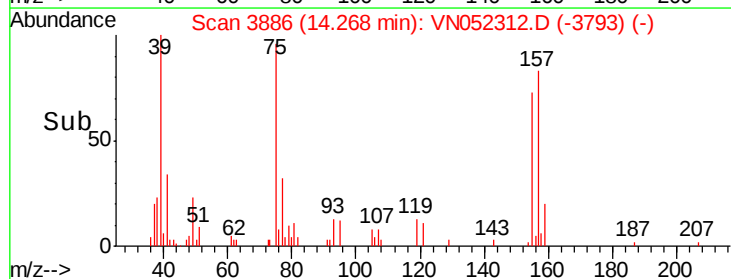
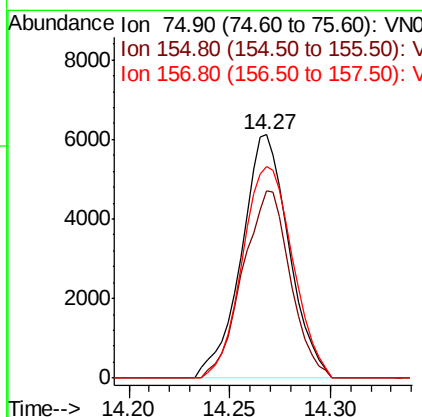
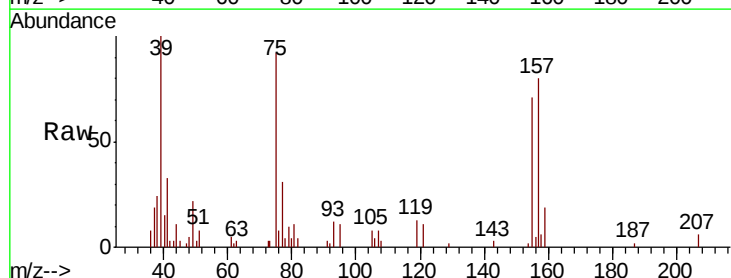
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

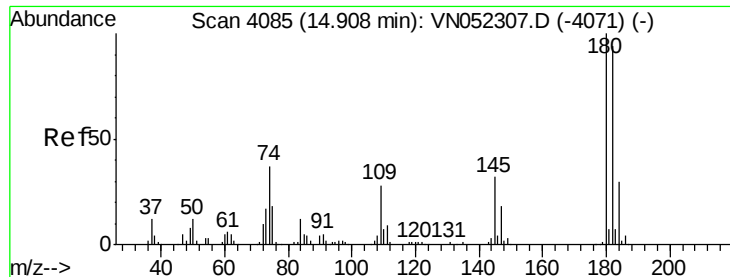
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	64.8	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.088 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	42.4	127.3
157	92.0	49.6	149.0

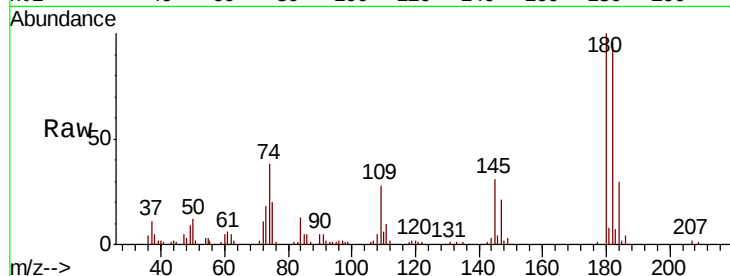




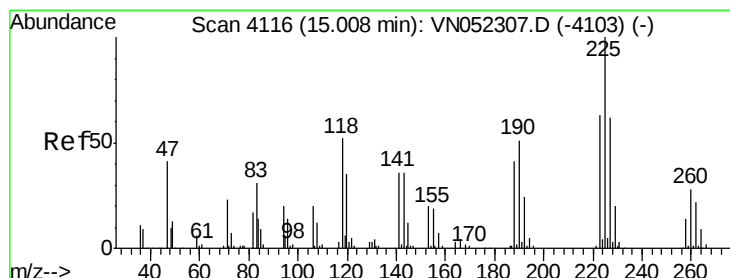
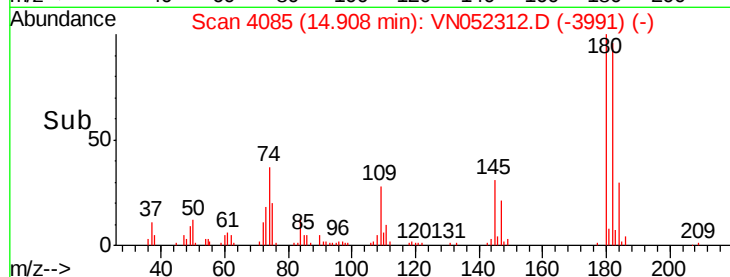
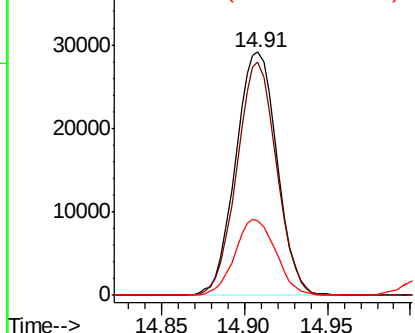
#93
 1,2,4-Trichlorobenzene
 Concen: 19.710 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Tot Ion:180 Resp: 50484
 Ion Ratio Lower Upper
 180 100
 182 91.9 47.6 142.9
 145 30.7 15.5 46.5

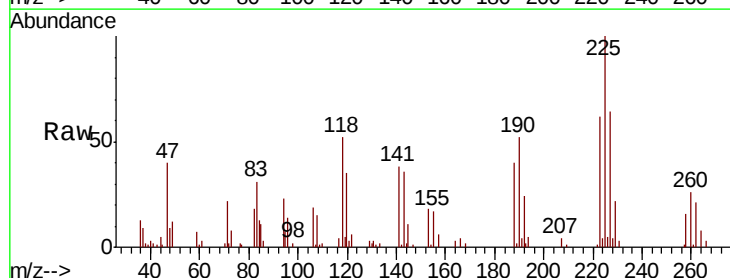


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

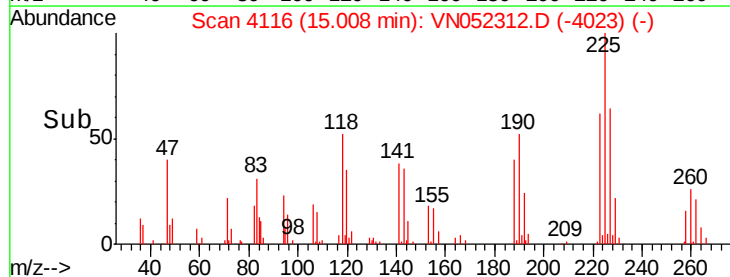
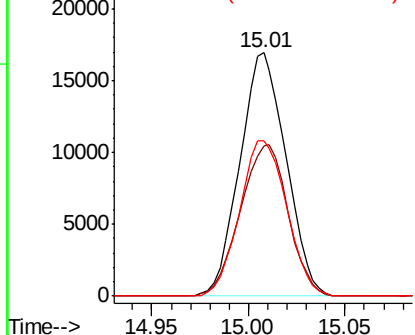


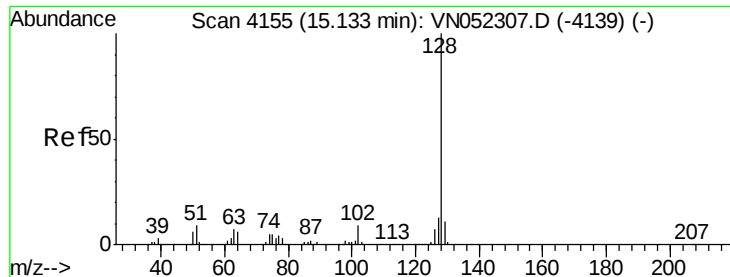
#94
 Hexachlorobutadiene
 Concen: 20.693 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052312.D
 Acq: 14 Nov 2018 14:55

Tgt Ion:225 Resp: 28115
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.9 95.5
 227 65.2 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.063 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

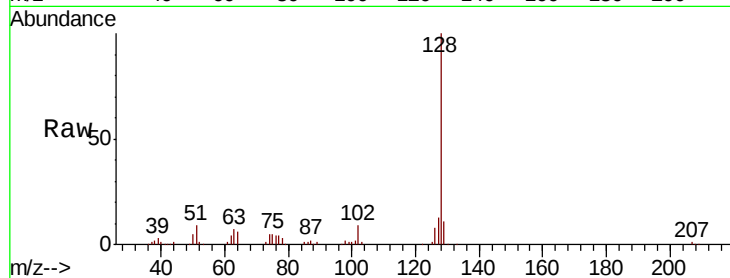
Tot Ion:128 Resp: 113349

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

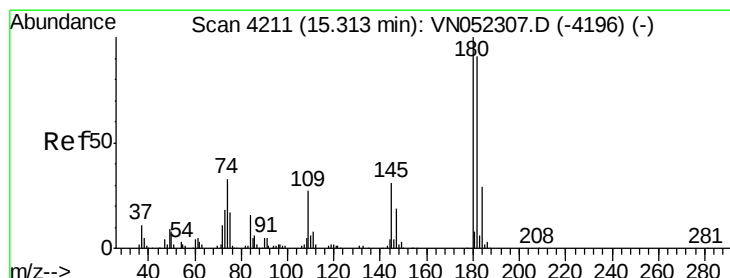
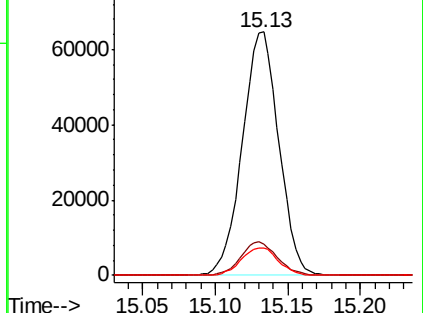
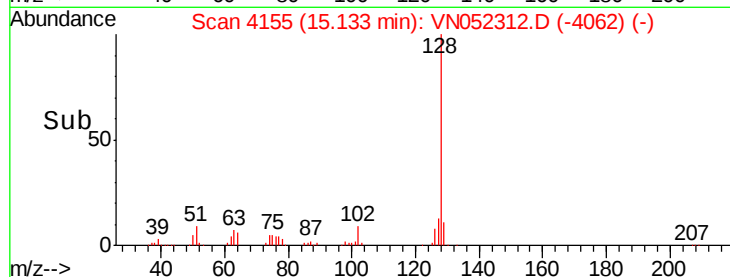
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.041 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN052312.D

Acq: 14 Nov 2018 14:55

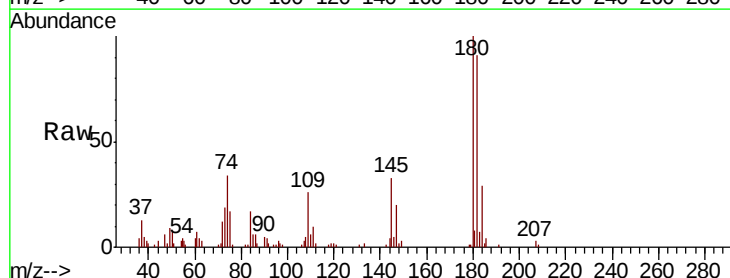
Tgt Ion:180 Resp: 45206

Ion Ratio Lower Upper

180 100

182 94.0 46.5 139.3

145 34.2 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

