

Data File : VN052304.D
Acq On : 14 Nov 2018 10:31
Operator : MD\SY
Sample : VSTDIC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Quant Time: Nov 15 02:32:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	268253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	468722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	404273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	4713	1.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.48%	
35) Dibromofluoromethane	7.60	113	1032	0.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.68%	
50) Toluene-d8	10.09	98	11414	0.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.92%	
62) 4-Bromofluorobenzene	12.40	95	4052	1.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	2553	0.898	ug/l	83
3) Chloromethane	2.06	50	3852	0.975	ug/l	90
4) Vinyl Chloride	2.19	62	3333	0.976	ug/l	89
5) Bromomethane	2.57	94	2470	1.160	ug/l	97
6) Chloroethane	2.72	64	1868	0.968	ug/l #	71
7) Trichlorofluoromethane	3.02	101	4856	1.028	ug/l	97
8) Diethyl Ether	3.42	74	1854	1.029	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.76	101	3214	1.077	ug/l	92
10) Methyl Iodide	3.95	142	3315	0.827	ug/l #	84
11) Tert butyl alcohol	4.77	59	721	3.590	ug/l	95
12) 1,1-Dichloroethene	3.75	96	2874	1.041	ug/l	93
13) Acrolein	3.62	56	1291	4.672	ug/l	93
14) Allyl chloride	4.33	41	5852	1.032	ug/l #	89
15) Acrylonitrile	4.99	53	2744	2.368	ug/l #	30
16) Acetone	3.82	43	5893	5.555	ug/l	93
17) Carbon Disulfide	4.06	76	7584	0.958	ug/l	99
18) Methyl Acetate	4.31	43	1939	0.640	ug/l #	73
19) Methyl tert-butyl Ether	5.05	73	7248	0.913	ug/l	96
20) Methylene Chloride	4.55	84	4529	1.304	ug/l #	86
21) trans-1,2-Dichloroethene	5.05	96	2381	0.832	ug/l #	59
22) Diisopropyl ether	5.94	45	5458	0.467	ug/l #	66
23) Vinyl Acetate	5.90	43	30671	3.908	ug/l	96
24) 1,1-Dichloroethane	5.85	63	6527	1.052	ug/l #	85
25) 2-Butanone	6.84	43	6433	4.381	ug/l #	85
26) 2,2-Dichloropropane	6.83	77	4556	0.999	ug/l	86
27) cis-1,2-Dichloroethene	6.83	96	3639	1.051	ug/l	77
28) Bromochloromethane	7.19	49	3394	1.064	ug/l #	87
29) Tetrahydrofuran	7.21	42	3000	3.086	ug/l #	76
30) Chloroform	7.37	83	5926	1.002	ug/l	89
31) Cyclohexane	7.66	56	13158	1.830	ug/l #	56
32) 1,1,1-Trichloroethane	7.57	97	5191	1.031	ug/l #	54
36) 1,1-Dichloropropene	7.80	75	4775	1.016	ug/l	94
37) Ethyl Acetate	6.92	43	830	0.231	ug/l #	66
38) Carbon Tetrachloride	7.78	117	3703	0.858	ug/l	89

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QLast Update : Thu Nov 15 02:30:00 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	5196	0.969	ug/l #	93
40) Benzene	8.04	78	13401	0.998	ug/l	97
41) Methacrylonitrile	7.17	41	1642	0.850	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	4514	0.943	ug/l	93
43) Isopropyl Acetate	8.17	43	7015	1.066	ug/l #	76
44) Trichloroethene	8.84	130	3134	0.948	ug/l	95
45) 1,2-Dichloropropane	9.11	63	3802	0.998	ug/l	97
46) Dibromomethane	9.21	93	2126	0.964	ug/l	94
47) Bromodichloromethane	9.40	83	4233	0.936	ug/l	96
48) Methyl methacrylate	9.20	41	3982	1.193	ug/l #	71
49) 1,4-Dioxane	9.20	88	382	14.906	ug/l #	59
51) 4-Methyl-2-Pentanone	9.99	43	14045	4.241	ug/l	97
52) Toluene	10.15	92	7506	0.935	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	3887	0.852	ug/l	91
54) cis-1,3-Dichloropropene	9.84	75	4323	0.831	ug/l #	87
55) 1,1,2-Trichloroethane	10.56	97	2796	0.961	ug/l	94
56) Ethyl methacrylate	10.43	69	3078	0.804	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	4856	0.942	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.70	63	9252	4.246	ug/l	99
59) 2-Hexanone	10.75	43	9453	4.150	ug/l	98
60) Dibromochloromethane	10.90	129	2909	0.924	ug/l	93
61) 1,2-Dibromoethane	11.00	107	2611	0.901	ug/l	94
64) Tetrachloroethene	10.63	164	3102	1.079	ug/l	90
65) Chlorobenzene	11.43	112	8925	1.044	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	2648	0.909	ug/l #	62
67) Ethyl Benzene	11.51	91	13819	0.932	ug/l	98
68) m/p-Xylenes	11.62	106	9763	1.802	ug/l	97
69) o-Xylene	11.94	106	4202	0.809	ug/l	87
70) Styrene	11.96	104	6775	0.815	ug/l	91
71) Bromoform	12.13	173	1345	0.782	ug/l #	95
73) Isopropylbenzene	12.25	105	12332	0.991	ug/l	97
74) N-amyl acetate	12.07	43	3573	0.807	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.50	83	2994	0.996	ug/l #	96
76) 1,2,3-Trichloropropane	12.55	75	3880	1.595	ug/l #	100
77) Bromobenzene	12.53	156	3010	1.040	ug/l	96
78) n-propylbenzene	12.59	91	13878	0.954	ug/l	96
79) 2-Chlorotoluene	12.68	91	8482	0.998	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	8918	0.902	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.30	75	687	0.849	ug/l #	59
82) 4-Chlorotoluene	12.77	91	9219	1.059	ug/l	96
83) tert-Butylbenzene	12.99	119	8933	1.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	8995	0.906	ug/l	96
85) sec-Butylbenzene	13.17	105	11018	0.926	ug/l	94
86) p-Isopropyltoluene	13.29	119	8846	0.878	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	5344	1.040	ug/l	92
88) 1,4-Dichlorobenzene	13.28	146	5344	1.046	ug/l	91
89) n-Butylbenzene	13.62	91	6786	0.784	ug/l	89
90) Hexachloroethane	13.87	117	1701	0.953	ug/l	83
91) 1,2-Dichlorobenzene	13.65	146	5061	1.016	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.26	75	439	0.990	ug/l #	69

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111418\
Quantitation Report (Not Reviewed)

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Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
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ClientSampleId :
VSTDICC001

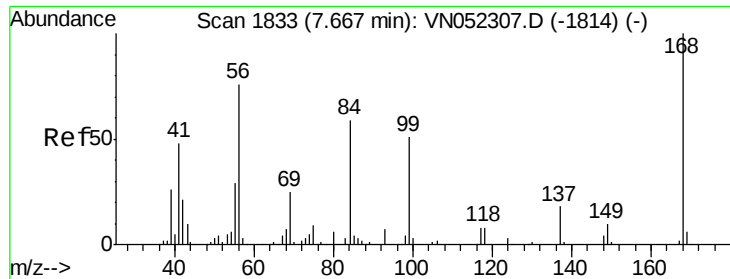
Quant Time: Nov 15 02:32:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1554	0.758	ug/l	84
94) Hexachlorobutadiene	15.00	225	1181	1.036	ug/l	97
95) Naphthalene	15.13	128	3031	0.655	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	1679	0.887	ug/l	81

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

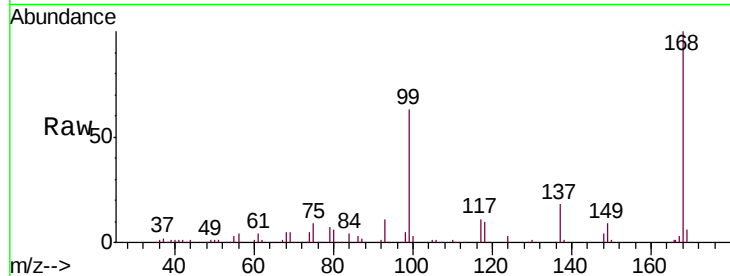
VSTDIC001

Tgt Ion:168 Resp: 268253

Ion Ratio Lower Upper

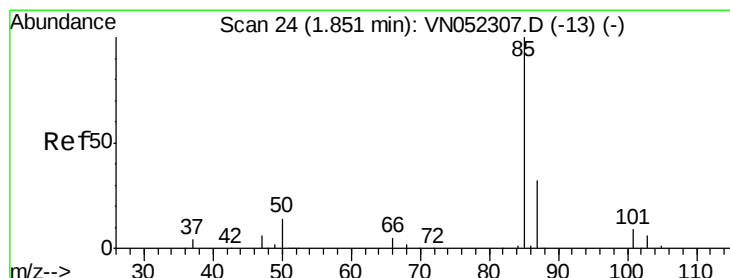
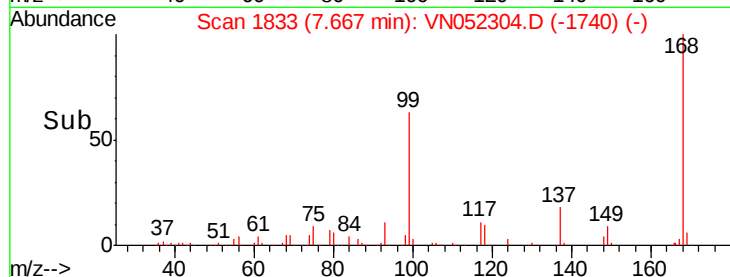
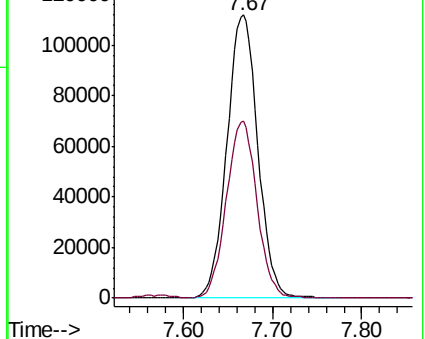
168 100

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): VN



#2

Dichlorodifluoromethane

Concen: 0.898 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052304.D

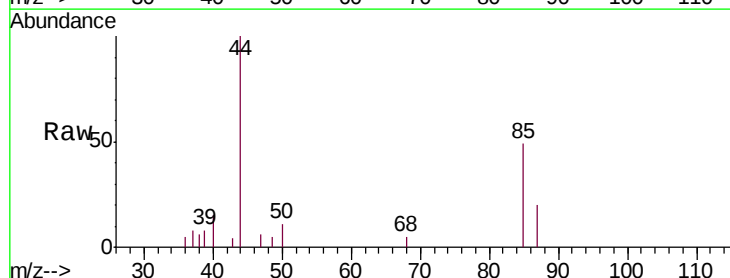
Acq: 14 Nov 2018 10:31

Tgt Ion: 85 Resp: 2553

Ion Ratio Lower Upper

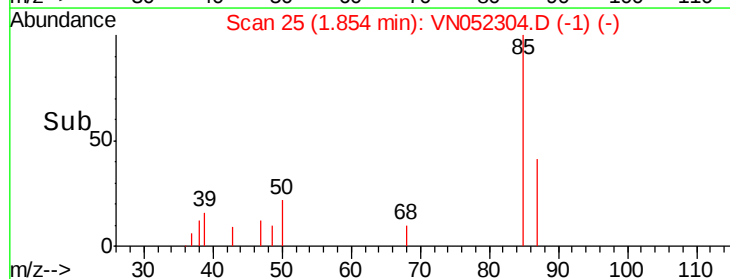
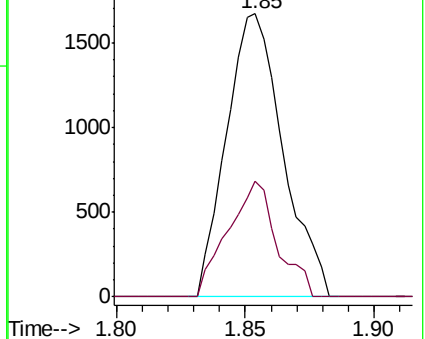
85 100

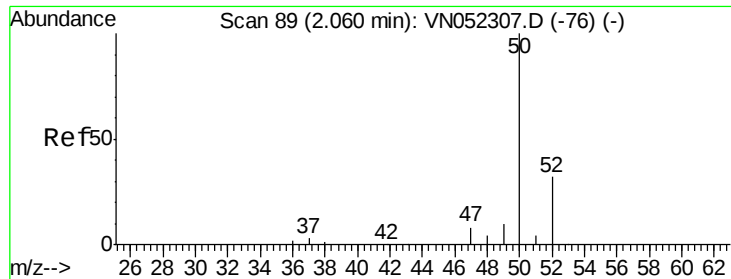
87 41.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

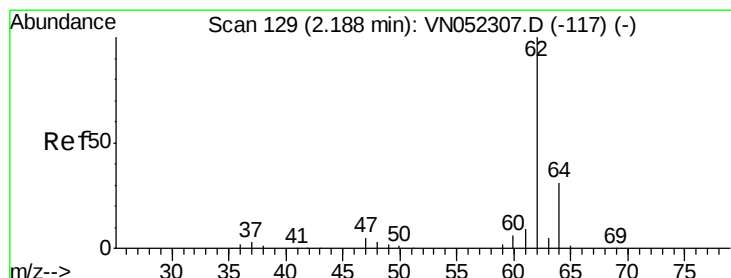
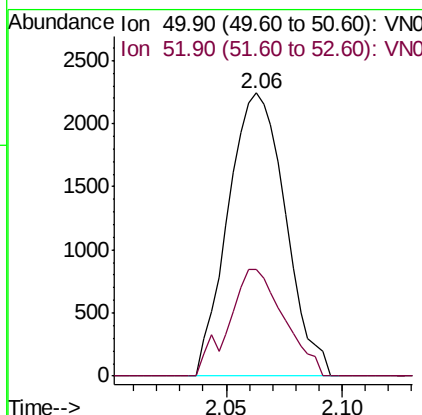
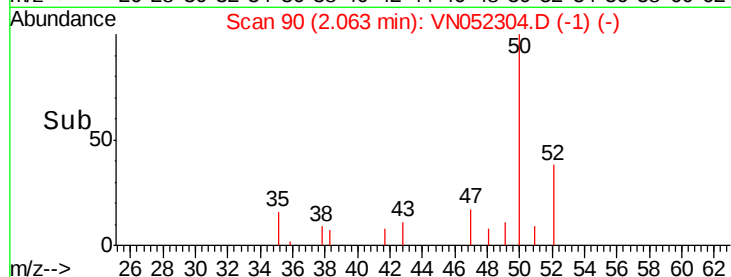
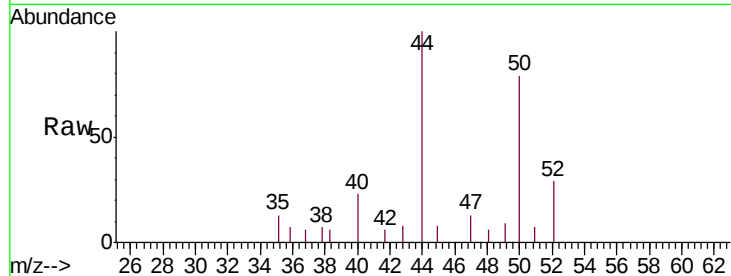




#3
 Chloromethane
 Concen: 0.975 ug/l
 RT: 2.06 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

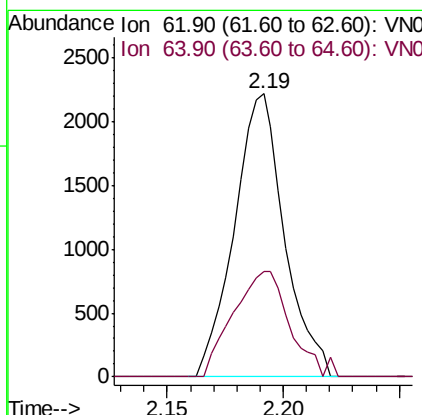
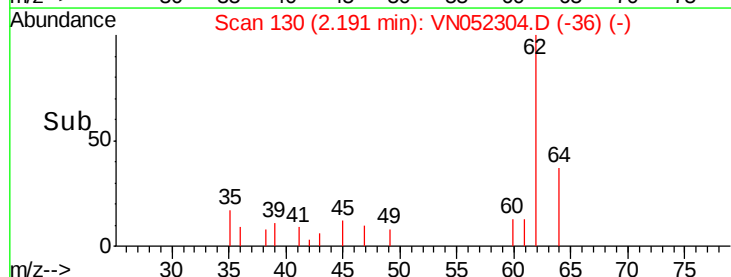
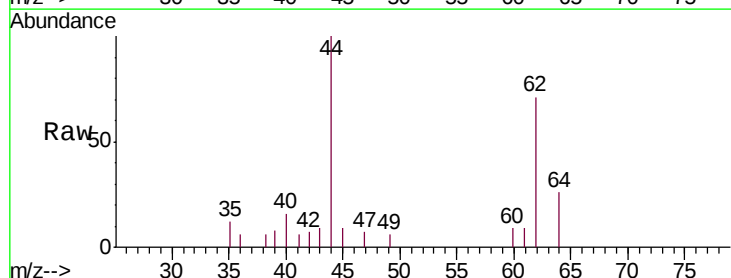
Instrument :
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 ClientSampleId :
 VSTDIC001

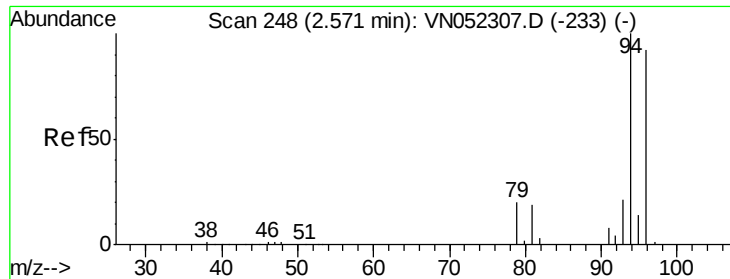
Tgt Ion: 50 Resp: 3852
 Ion Ratio Lower Upper
 50 100
 52 37.6 25.5 38.3



#4
 Vinyl Chloride
 Concen: 0.976 ug/l
 RT: 2.19 min Scan# 130
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 62 Resp: 3333
 Ion Ratio Lower Upper
 62 100
 64 37.3 25.2 37.8

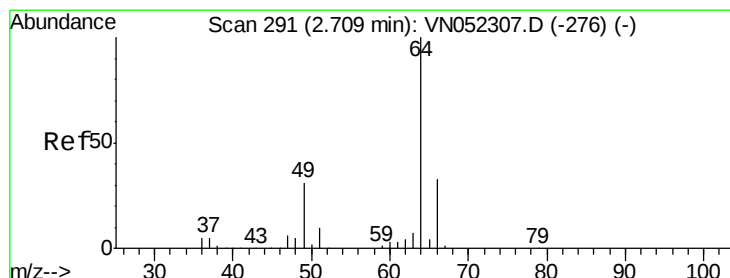
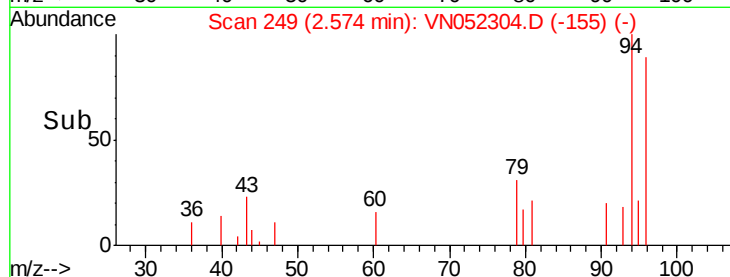
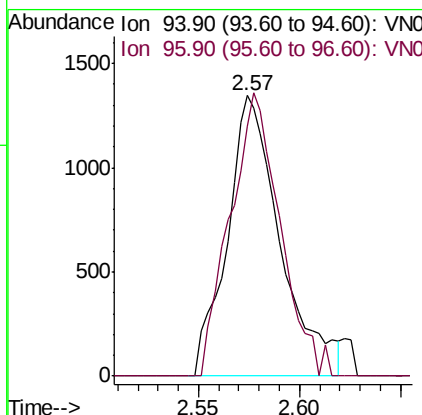
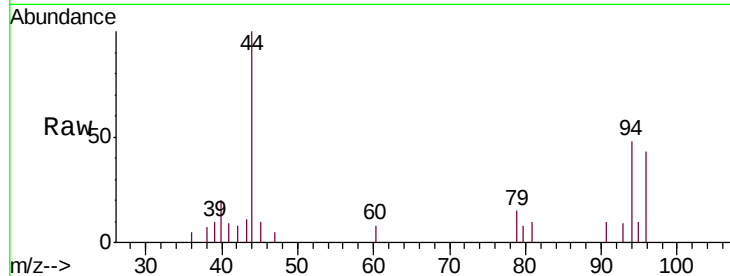




#5
 Bromomethane
 Concen: 1.160 ug/l
 RT: 2.57 min Scan# 249
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

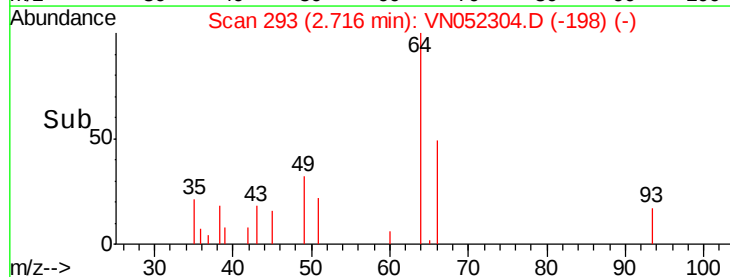
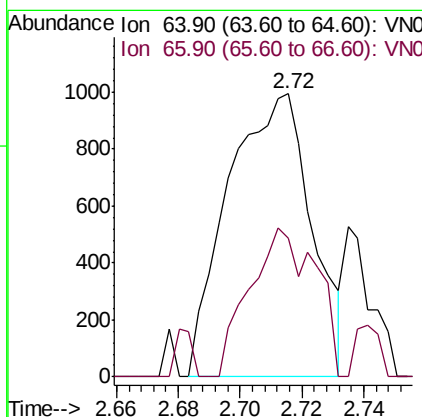
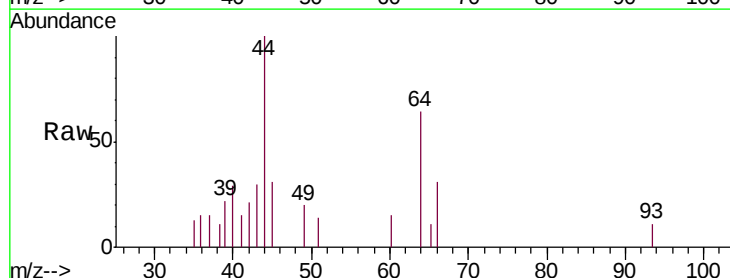
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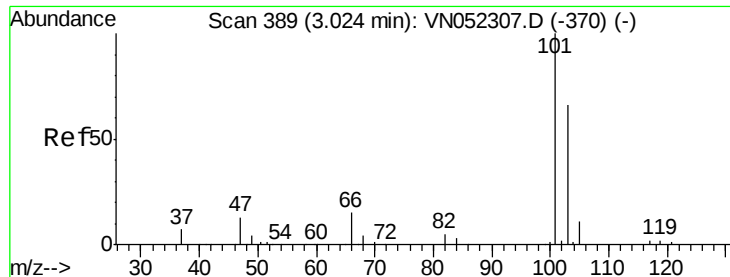
Tgt Ion: 94 Resp: 2470
 Ion Ratio Lower Upper
 94 100
 96 89.4 73.6 110.4



#6
 Chloroethane
 Concen: 0.968 ug/l
 RT: 2.72 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 64 Resp: 1868
 Ion Ratio Lower Upper
 64 100
 66 49.0 26.2 39.2#



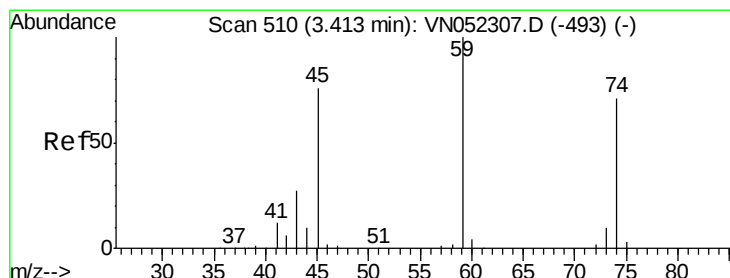
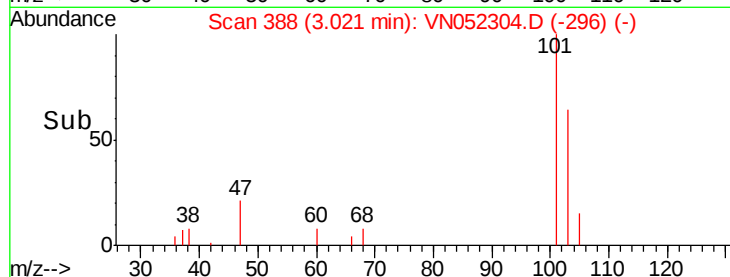
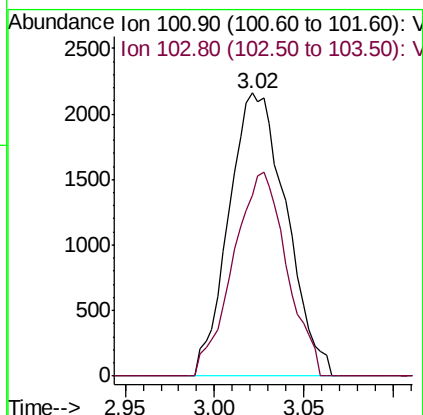
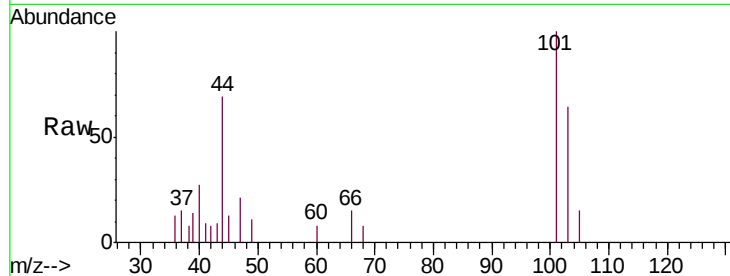


#7

Trichlorofluoromethane
 Concen: 1.028 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Instrument :
 MSVOA_N
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 VSTDIC001

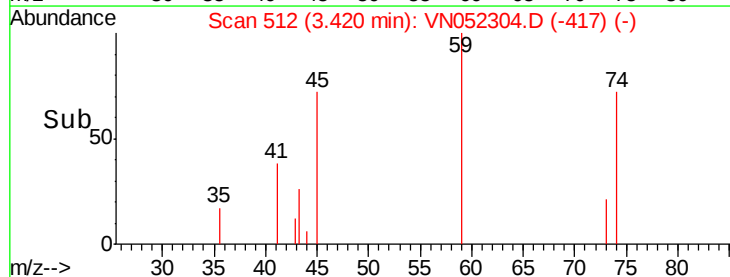
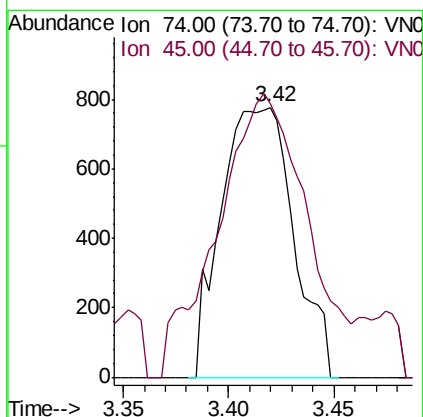
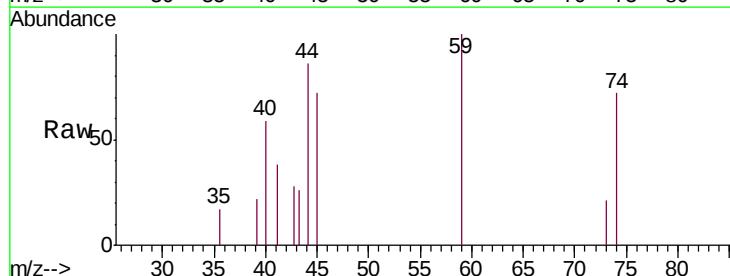
Tgt Ion: 101 Resp: 4856
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.8 79.2

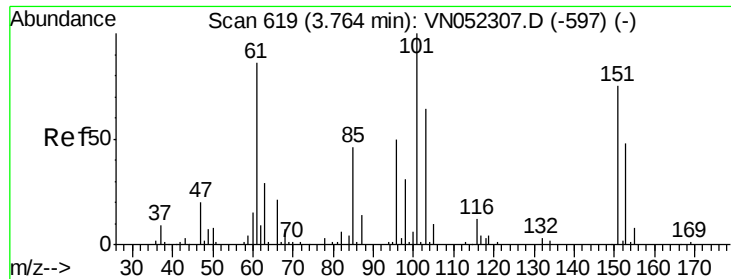


#8

Diethyl Ether
 Concen: 1.029 ug/l
 RT: 3.42 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 74 Resp: 1854
 Ion Ratio Lower Upper
 74 100
 45 129.4 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.077 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

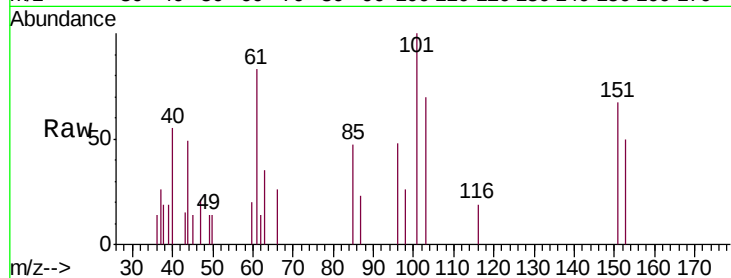
Tgt Ion:101 Resp: 3214

Ion Ratio Lower Upper

101 100

85 38.3 37.4 56.0

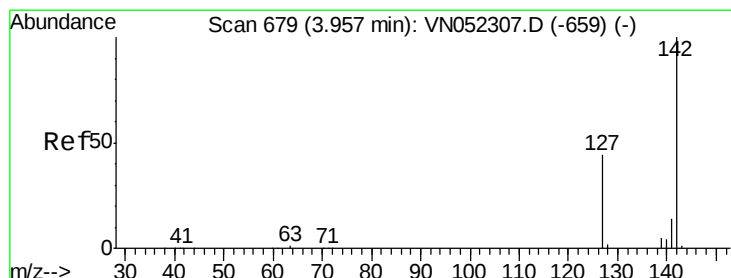
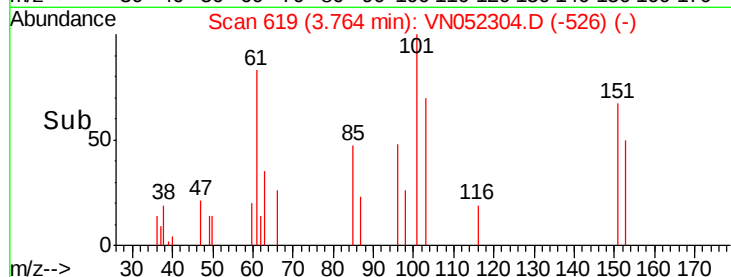
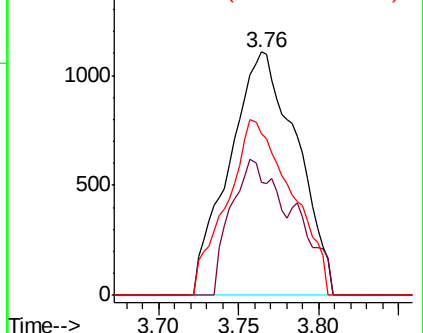
151 69.3 58.6 88.0



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: 0.827 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

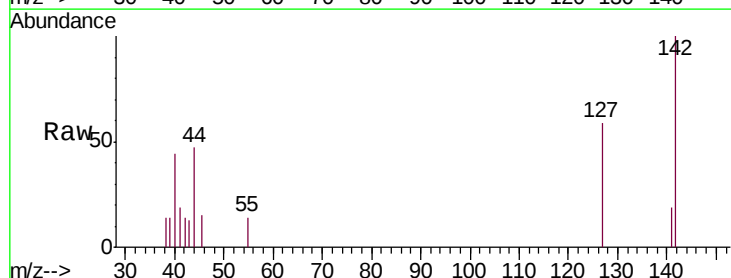
Tgt Ion:142 Resp: 3315

Ion Ratio Lower Upper

142 100

127 55.0 36.3 54.5#

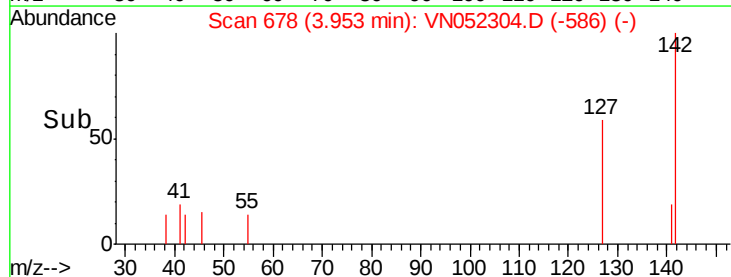
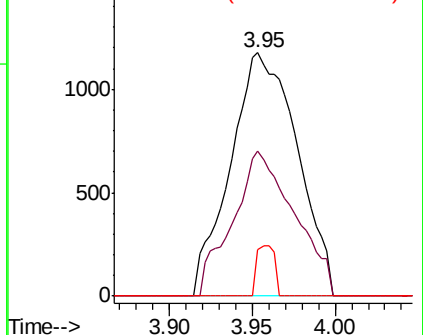
141 5.4 11.4 17.2#

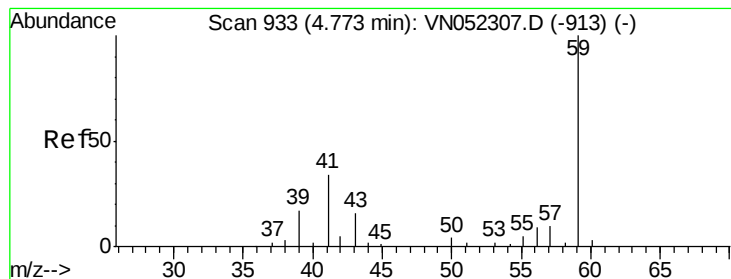


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



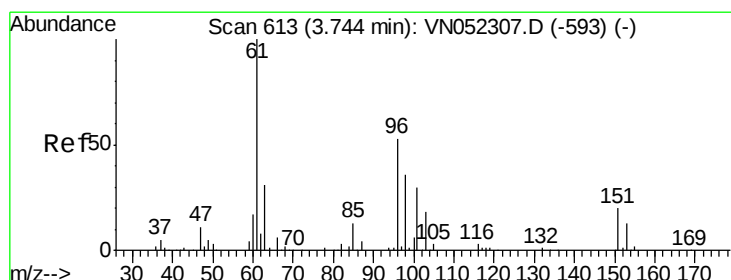
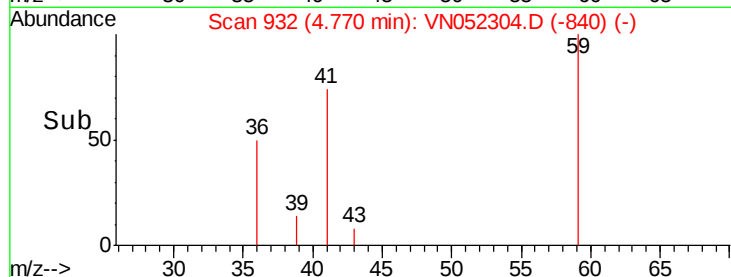
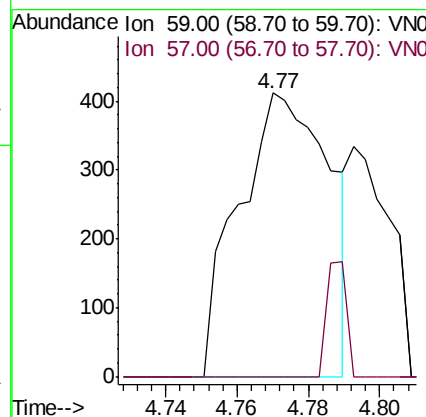
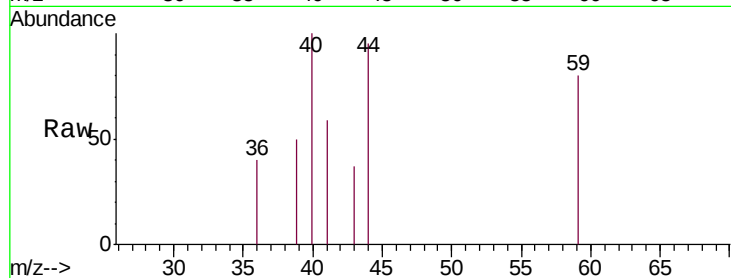


#11

Tert butyl alcohol
 Concen: 3.590 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

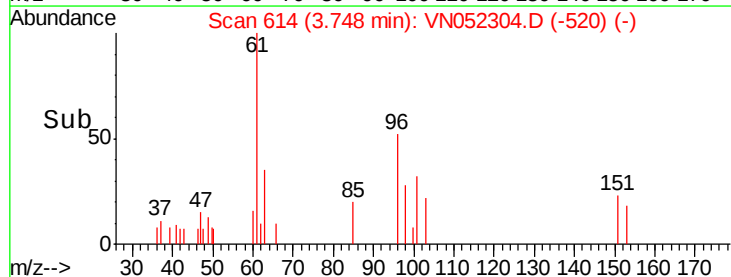
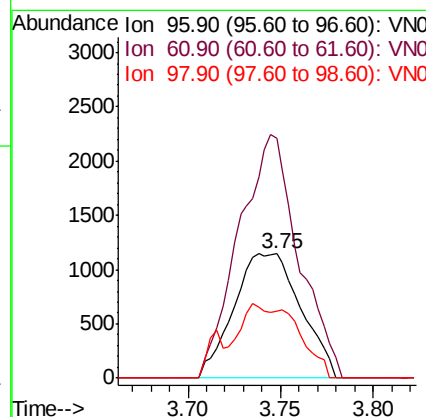
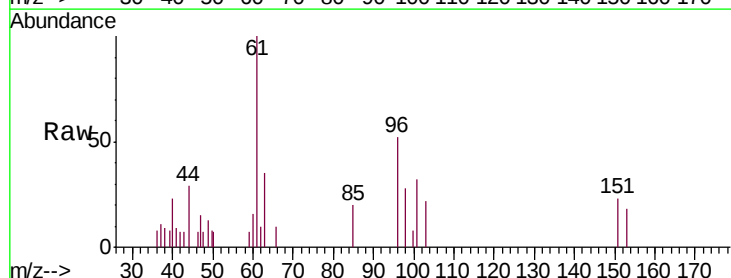
Tgt Ion: 59 Resp: 721
 Ion Ratio Lower Upper
 59 100
 57 8.9 8.5 12.7

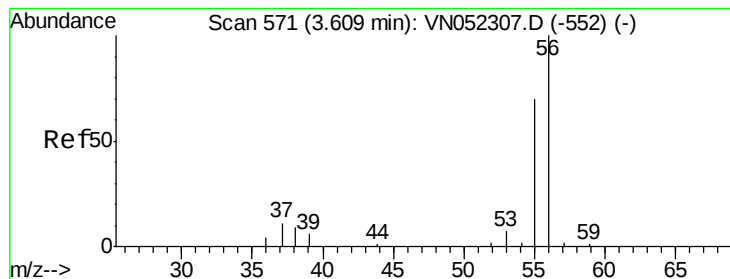


#12

1,1-Dichloroethene
 Concen: 1.041 ug/l
 RT: 3.75 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 96 Resp: 2874
 Ion Ratio Lower Upper
 96 100
 61 192.5 149.6 224.4
 98 54.4 54.2 81.2





#13

Acrolein

Concen: 4.672 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

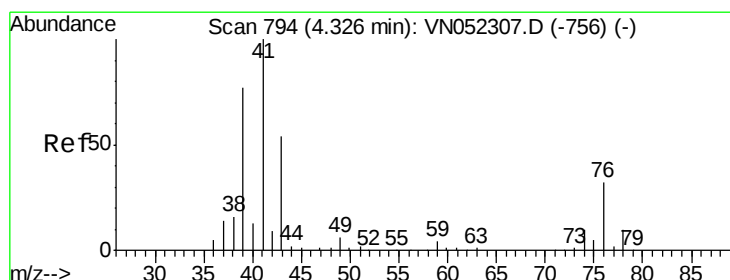
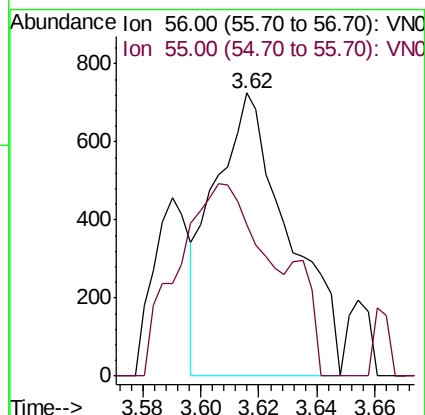
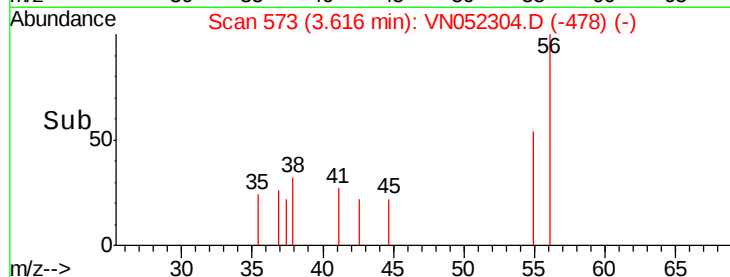
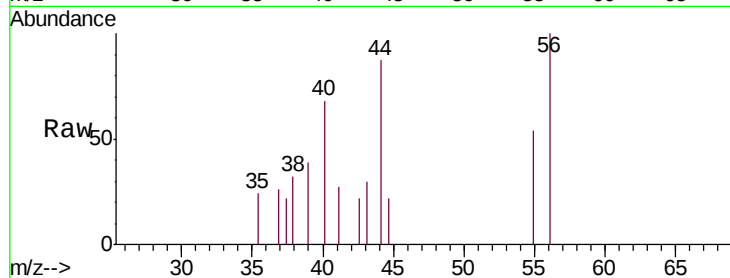
VSTDIC001

Tgt Ion: 56 Resp: 1291

Ion Ratio Lower Upper

56 100

55 77.8 57.6 86.4



#14

Allyl chloride

Concen: 1.032 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

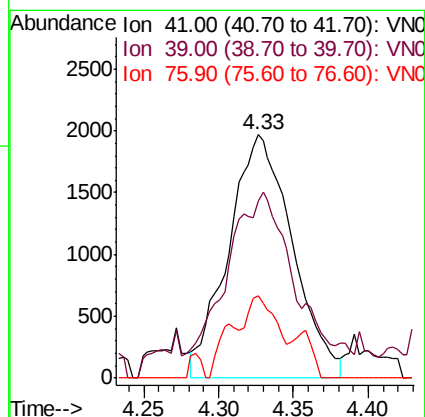
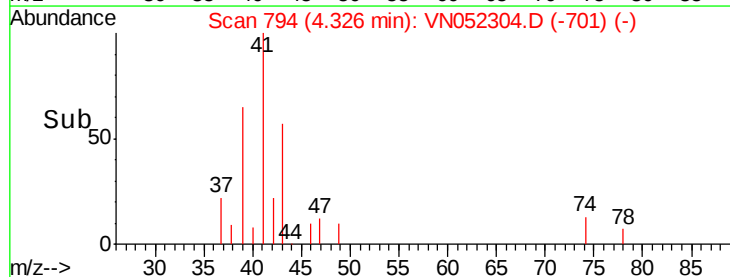
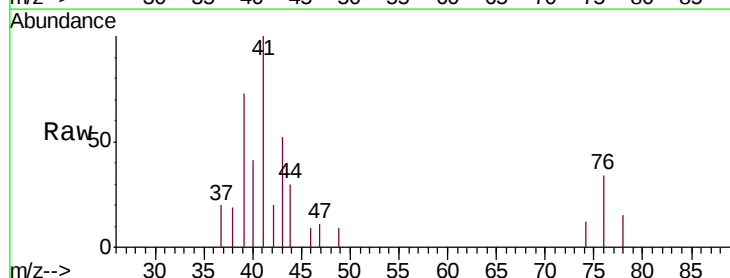
Tgt Ion: 41 Resp: 5852

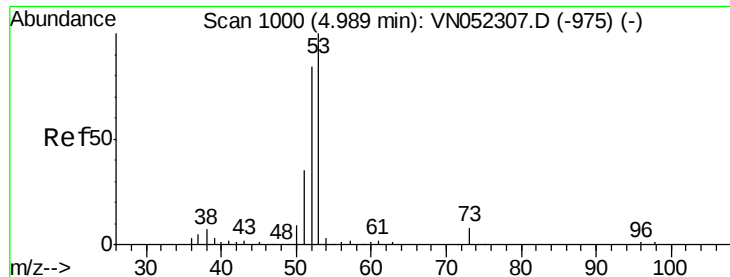
Ion Ratio Lower Upper

41 100

39 77.7 59.1 88.7

76 16.4 24.1 36.1#





#15

Acrylonitrile

Concen: 2.368 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

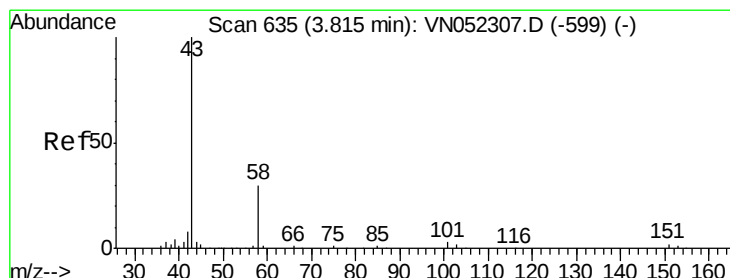
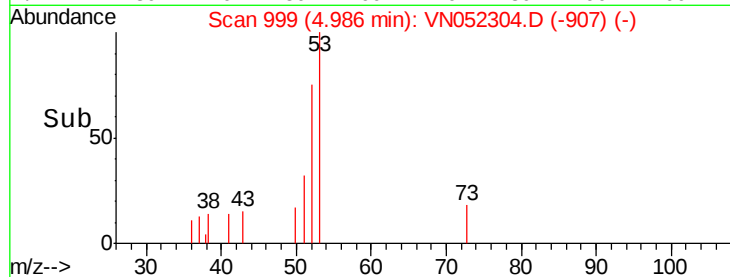
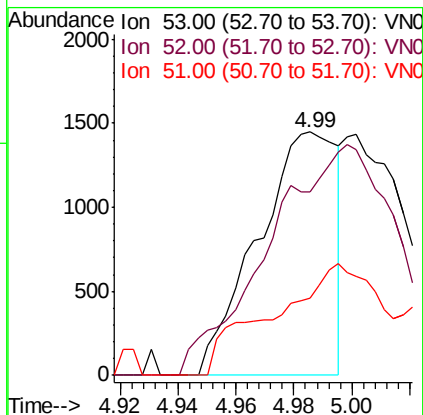
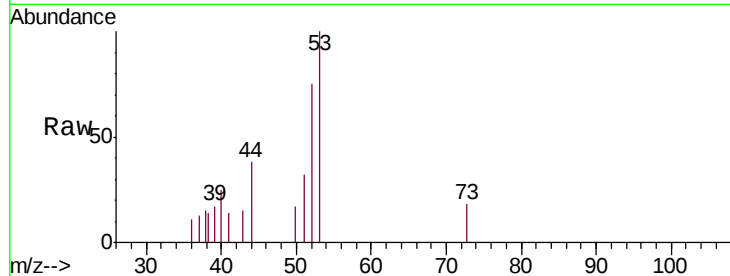
Tgt Ion: 53 Resp: 2744

Ion Ratio Lower Upper

53 100

52 161.1 67.5 101.3#

51 60.8 29.9 44.9#



#16

Acetone

Concen: 5.555 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052304.D

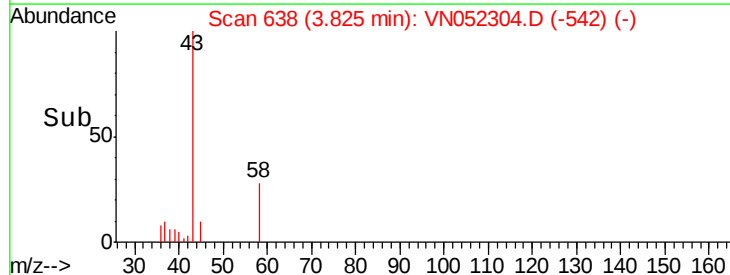
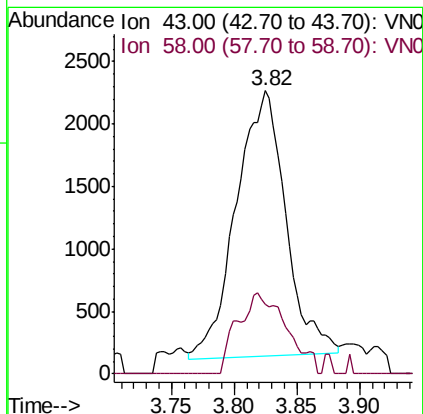
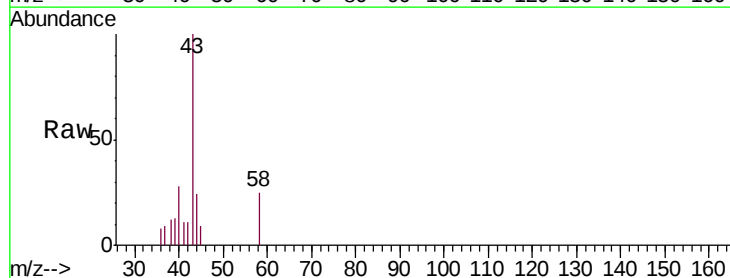
Acq: 14 Nov 2018 10:31

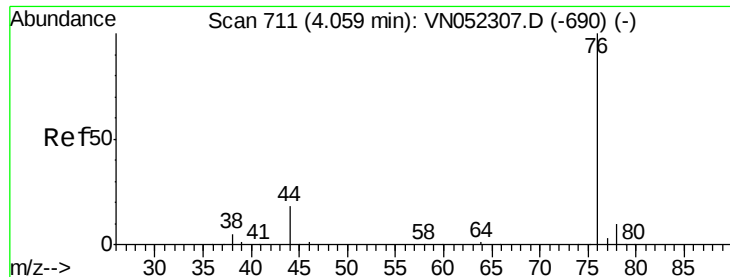
Tgt Ion: 43 Resp: 5893

Ion Ratio Lower Upper

43 100

58 26.7 24.2 36.4

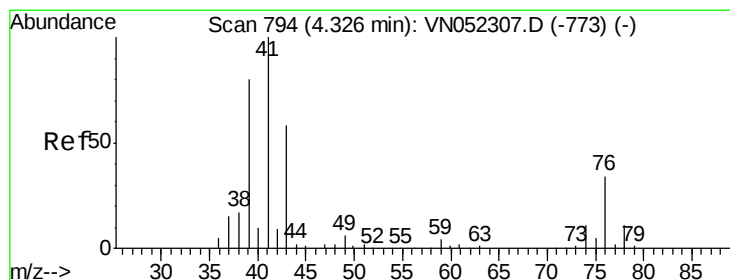
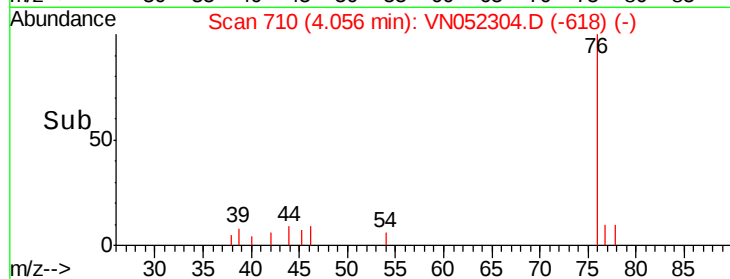
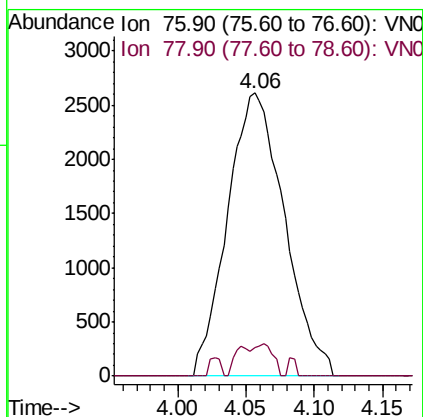
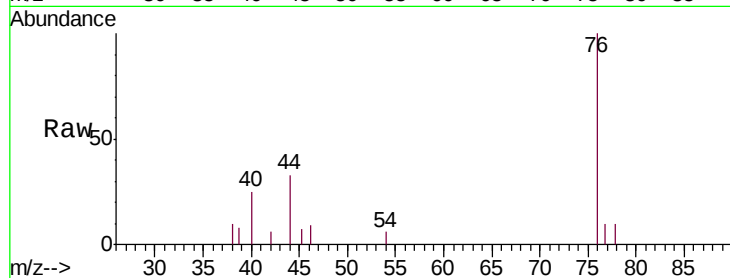




#17
Carbon Disulfide
Concen: 0.958 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

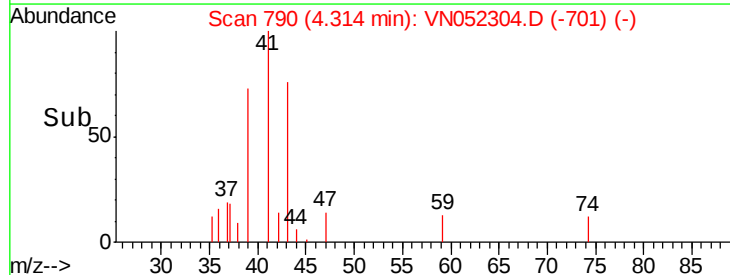
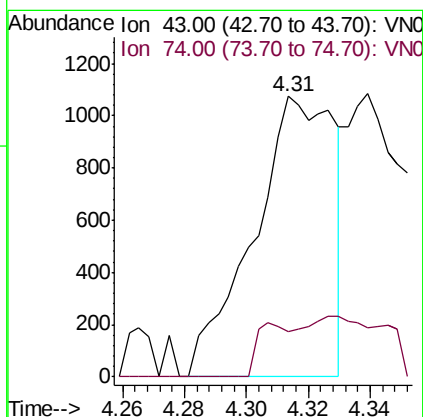
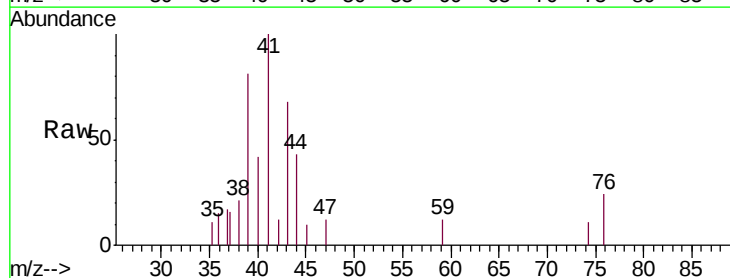
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

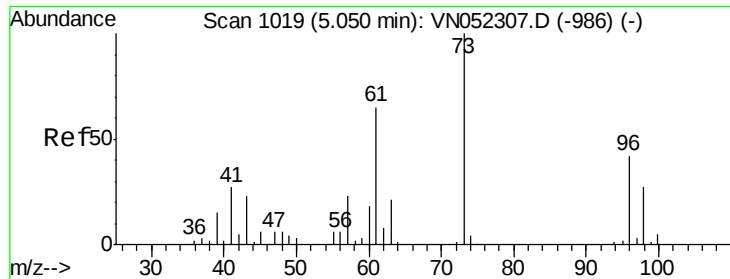
Tgt Ion: 76 Resp: 7584
Ion Ratio Lower Upper
76 100
78 10.0 7.7 11.5



#18
Methyl Acetate
Concen: 0.640 ug/l
RT: 4.31 min Scan# 790
Delta R.T. -0.01 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion: 43 Resp: 1939
Ion Ratio Lower Upper
43 100
74 7.5 15.9 23.9#





#19

Methyl tert-butyl Ether

Concen: 0.913 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampled :

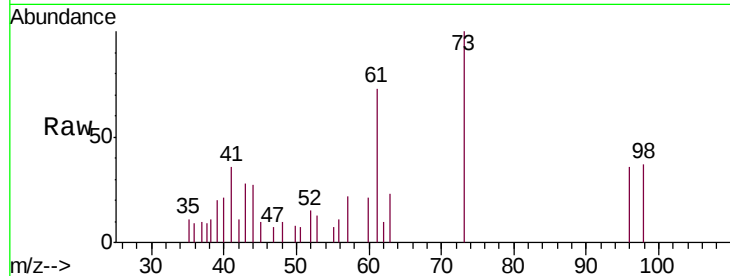
VSTDIC001

Tgt Ion: 73 Resp: 7248

Ion Ratio Lower Upper

73 100

57 21.5 18.7 28.1



Abundance Ion 73.00 (72.70 to 73.70): VN052307.D (-986) (-)

Ion 57.00 (56.70 to 57.70): VN052307.D (-986) (-)

5.05

2500

2000

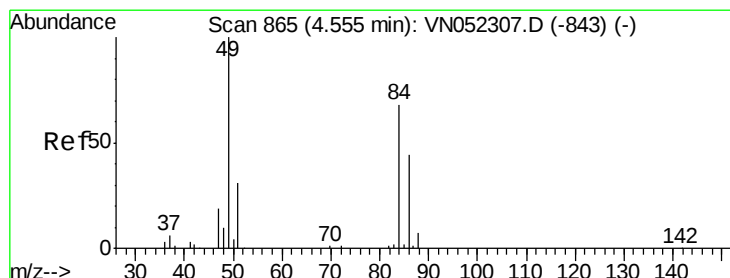
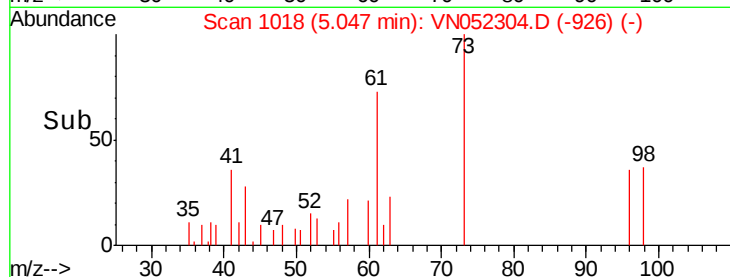
1500

1000

500

0

Time--> 4.95 5.00 5.05 5.10 5.15



#20

Methylene Chloride

Concen: 1.304 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Tgt Ion: 84 Resp: 4529

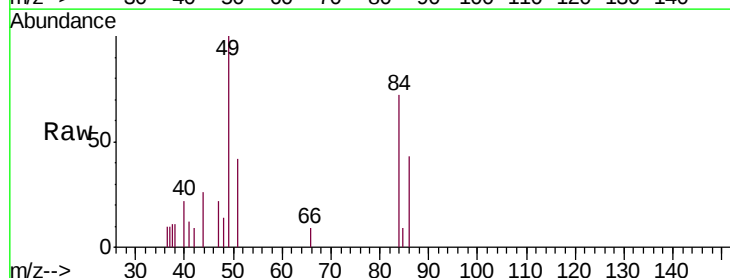
Ion Ratio Lower Upper

84 100

49 126.7 118.2 177.2

51 57.9 36.1 54.1#

86 60.3 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VN052307.D (-843) (-)

Ion 48.90 (48.60 to 49.60): VN052307.D (-843) (-)

Ion 50.90 (50.60 to 51.60): VN052307.D (-843) (-)

Ion 85.90 (85.60 to 86.60): VN052307.D (-843) (-)

4.55

3000

2500

2000

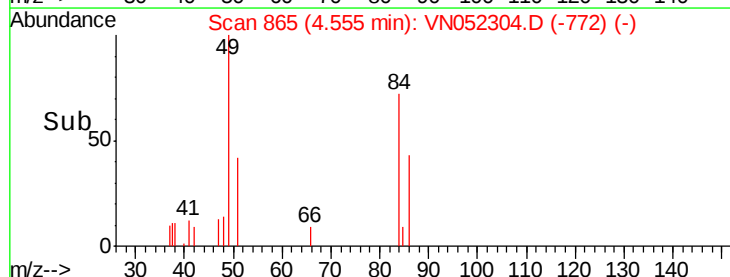
1500

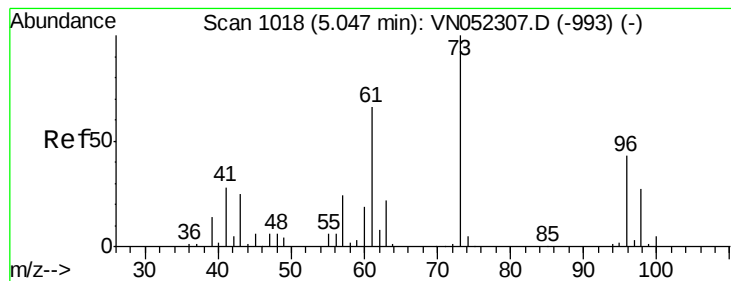
1000

500

0

Time--> 4.50 4.55 4.60 4.65





#21

trans-1,2-Dichloroethene

Concen: 0.832 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

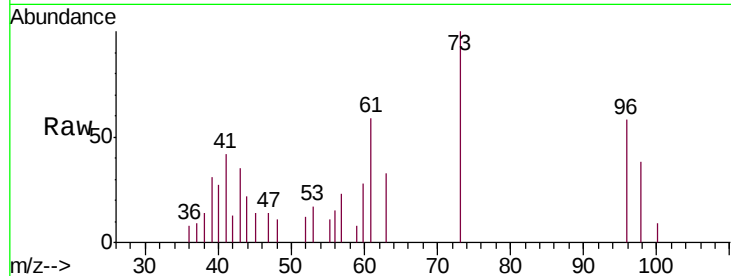
Tgt Ion: 96 Resp: 2381

Ion Ratio Lower Upper

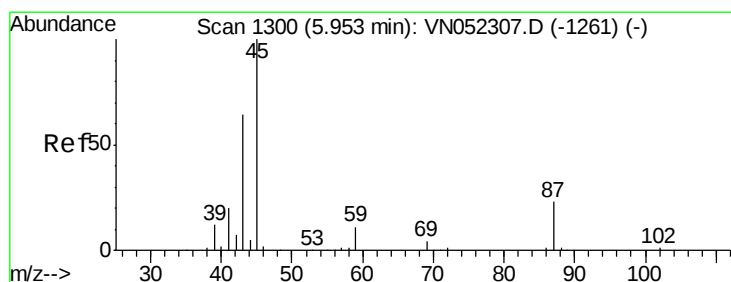
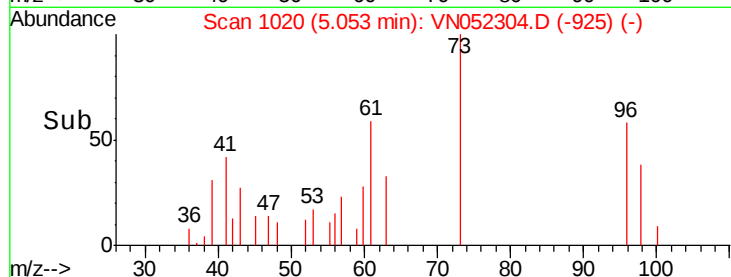
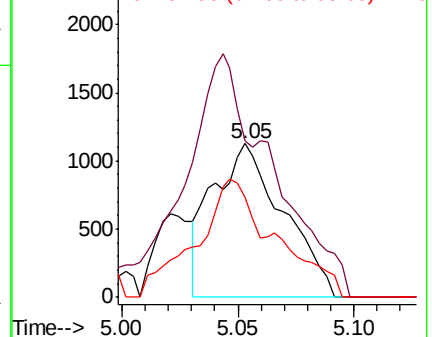
96 100

61 81.2 123.6 185.4#

98 65.5 50.7 76.1



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



#22

Diisopropyl ether

Concen: 0.467 ug/l

RT: 5.94 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Tgt Ion: 45 Resp: 5458

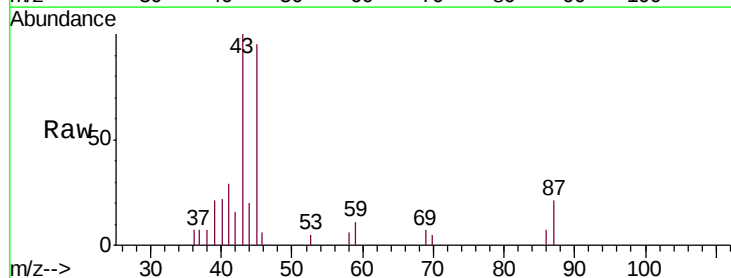
Ion Ratio Lower Upper

45 100

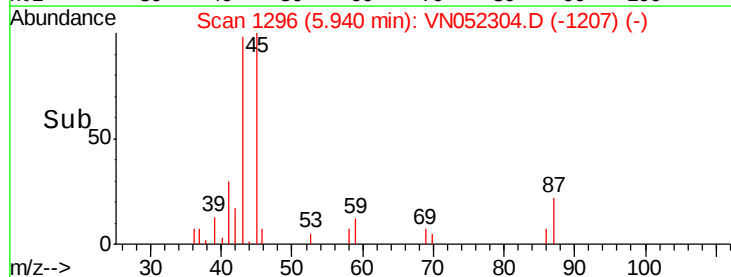
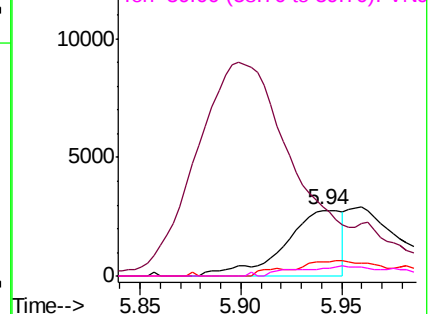
43 28.2 51.4 77.2#

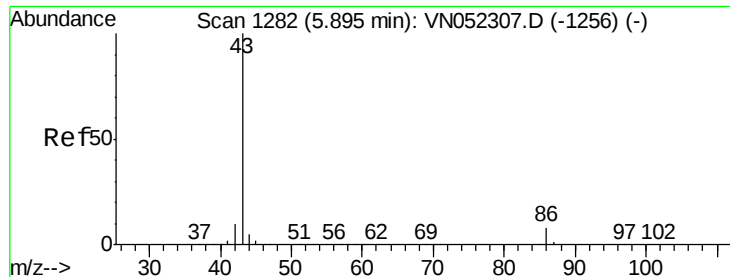
87 16.5 18.8 28.2#

59 11.7 8.6 12.8



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





#23

Vinyl Acetate

Concen: 3.908 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

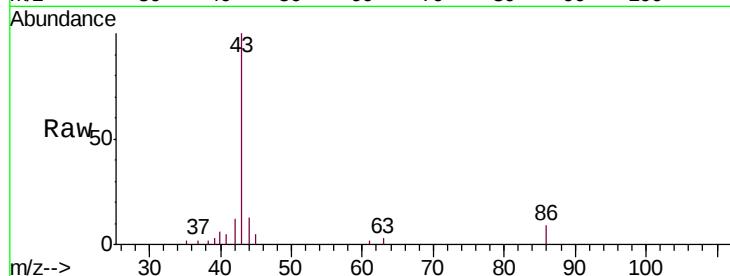
VSTDIC001

Tgt Ion: 43 Resp: 30671

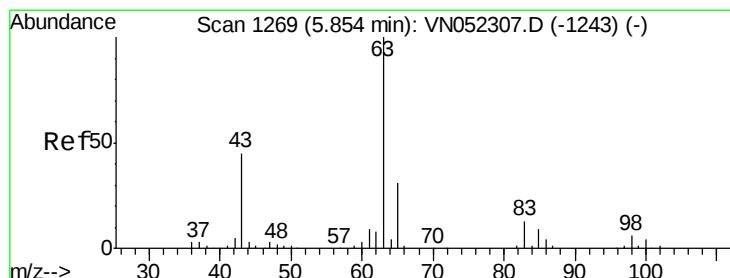
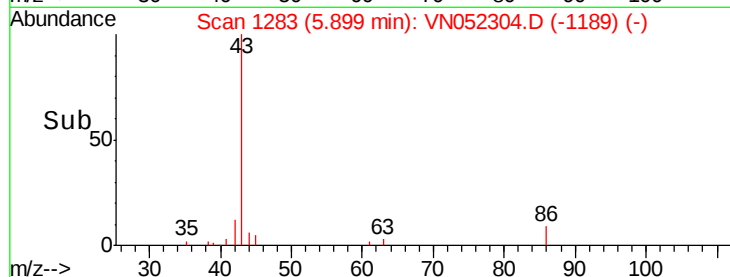
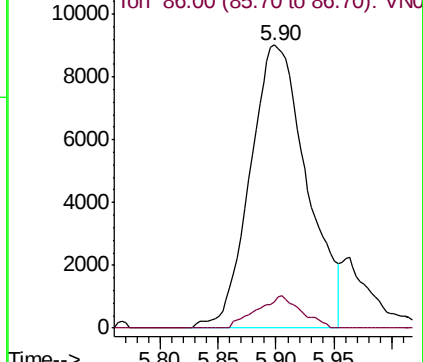
Ion Ratio Lower Upper

43 100

86 9.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1256) (-)



#24

1,1-Dichloroethane

Concen: 1.052 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

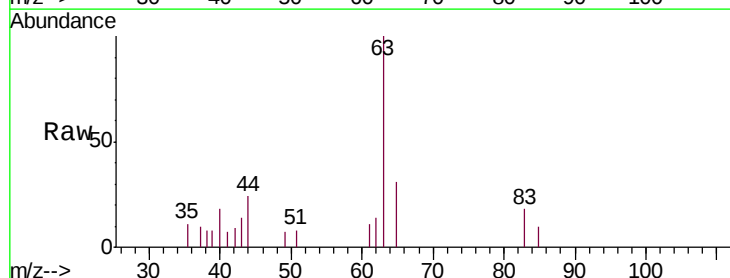
Tgt Ion: 63 Resp: 6527

Ion Ratio Lower Upper

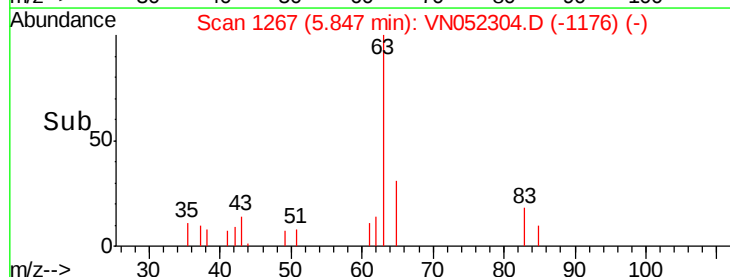
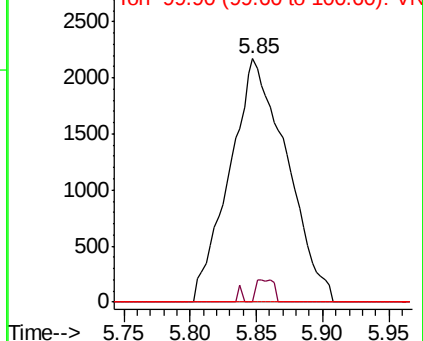
63 100

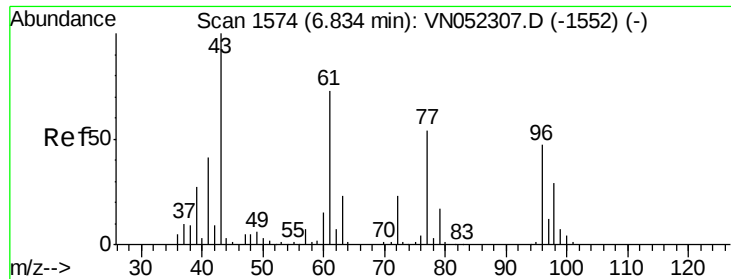
98 0.0 2.9 8.6#

100 0.0 1.9 5.7#



Abundance Ion 62.90 (62.60 to 63.60): VN052307.D (-1243) (-)

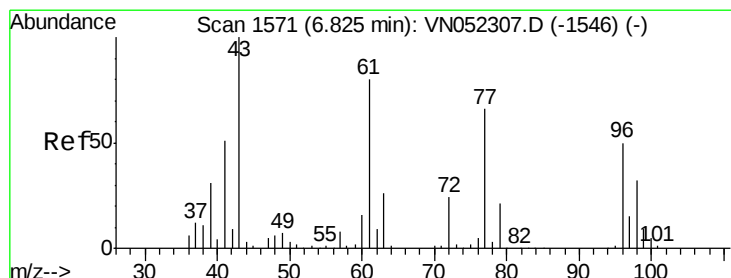
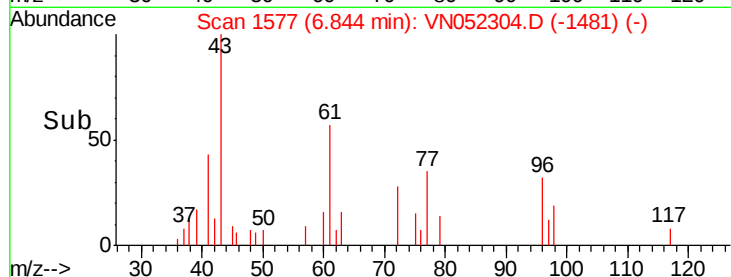
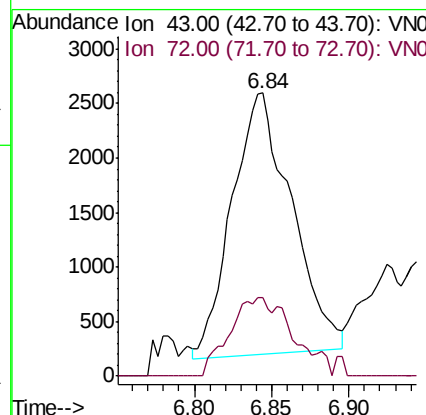
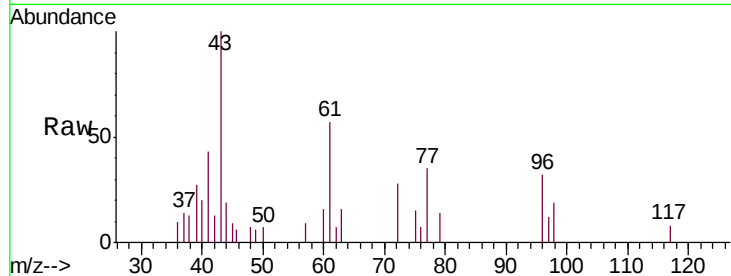




#25
2-Butanone
Concen: 4.381 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

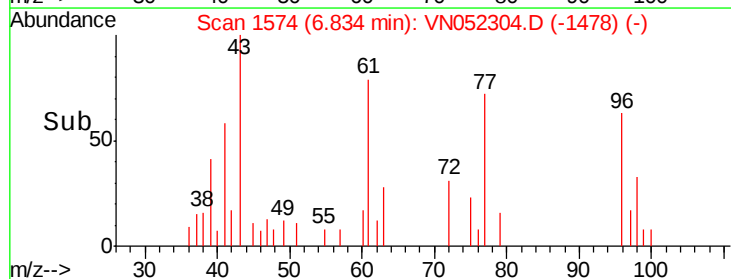
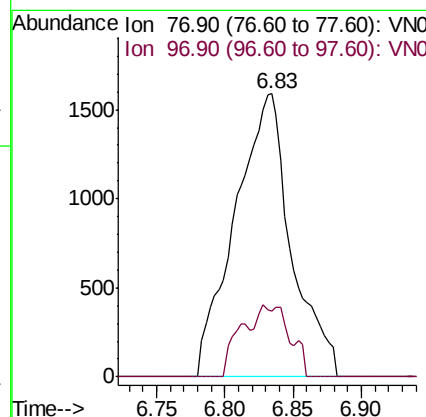
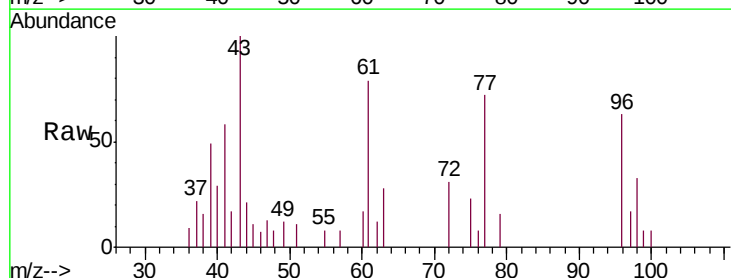
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

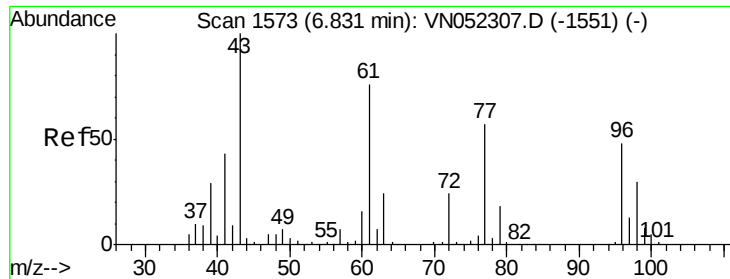
Tgt Ion: 43 Resp: 6433
Ion Ratio Lower Upper
43 100
72 30.6 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 0.999 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion: 77 Resp: 4556
Ion Ratio Lower Upper
77 100
97 15.2 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 1.051 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

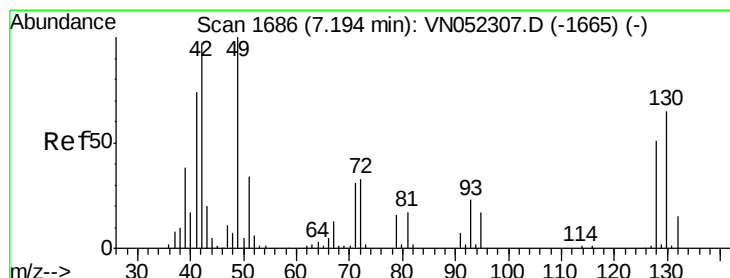
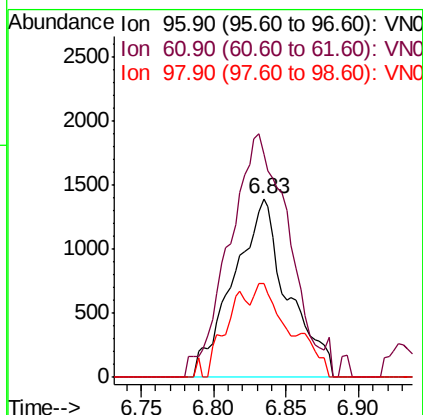
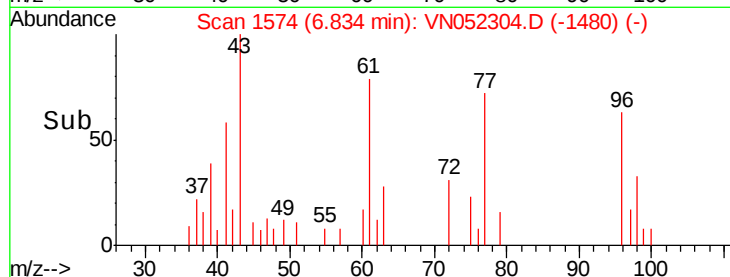
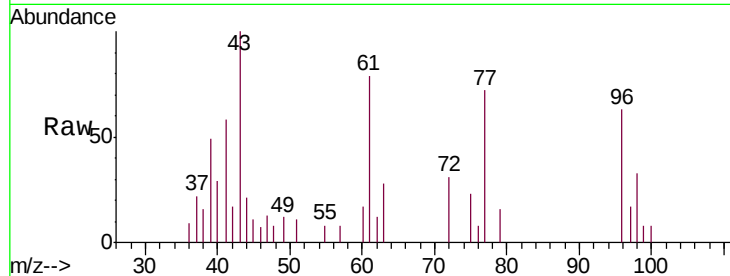
Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 3639

Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	316.8
98	14.3	0.0	126.6



#28

Bromochloromethane

Concen: 1.064 ug/l

RT: 7.19 min Scan# 1684

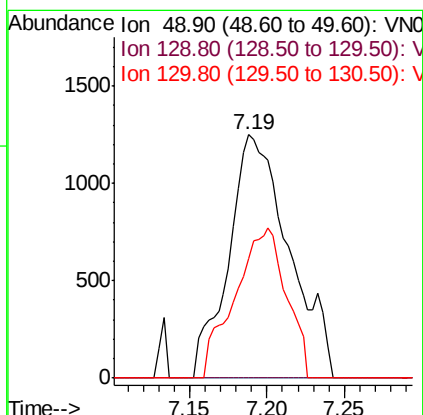
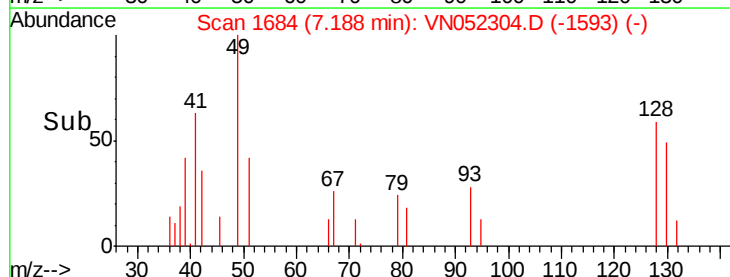
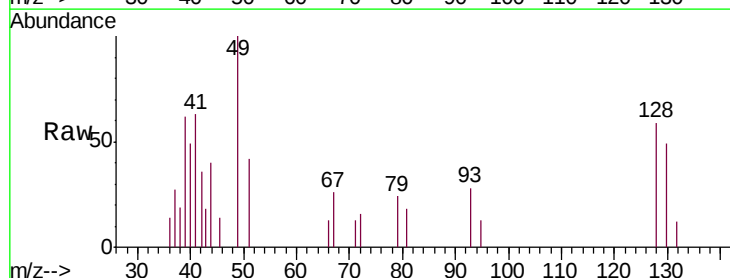
Delta R.T. -0.01 min

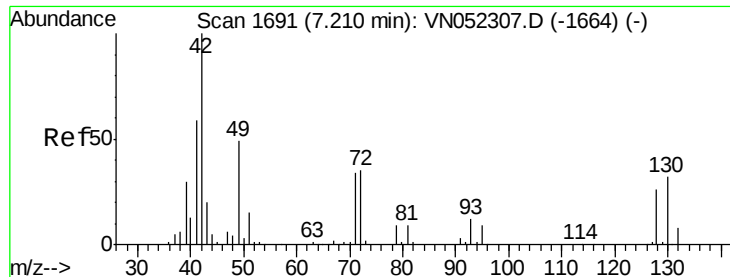
Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Tgt Ion: 49 Resp: 3394

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	52.4	50.4	75.6





#29

Tetrahydrofuran

Concen: 3.086 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

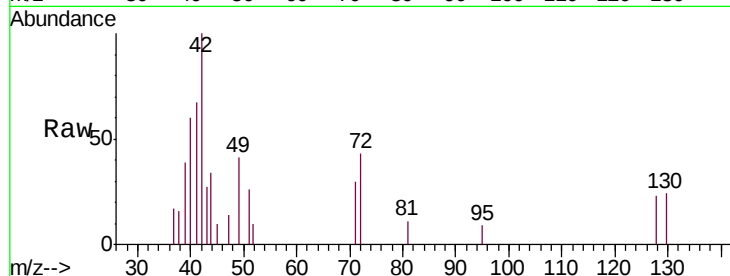
Tgt Ion: 42 Resp: 3000

Ion Ratio Lower Upper

42 100

72 53.7 28.6 42.8#

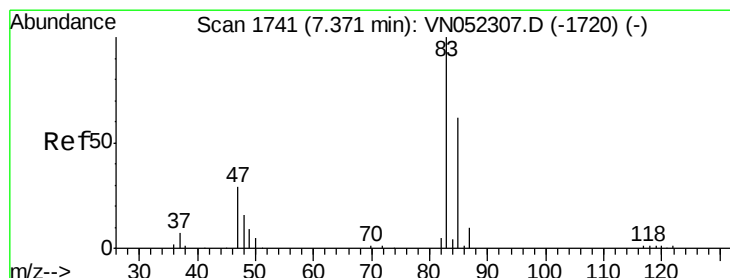
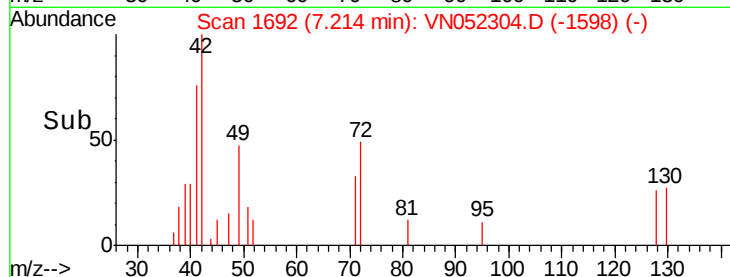
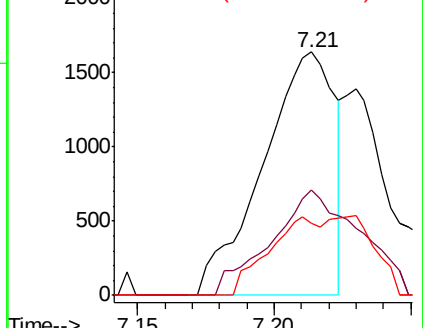
71 23.2 26.7 40.1#



Abundance Ion 42.00 (41.70 to 42.70): VN052304.D (-1664) (-)

Ion 72.00 (71.70 to 72.70): VN052304.D (-1664) (-)

Ion 71.00 (70.70 to 71.70): VN052304.D (-1664) (-)



#30

Chloroform

Concen: 1.002 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN052304.D

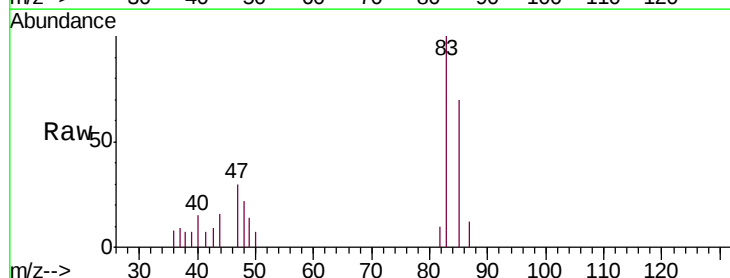
Acq: 14 Nov 2018 10:31

Tgt Ion: 83 Resp: 5926

Ion Ratio Lower Upper

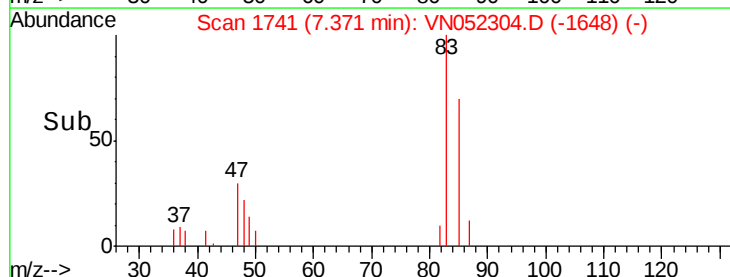
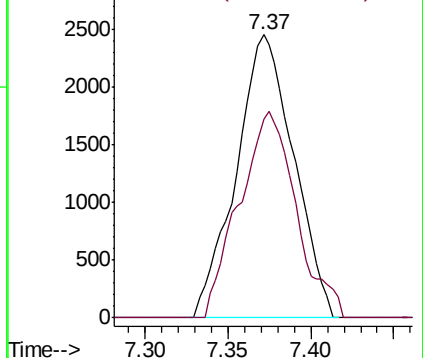
83 100

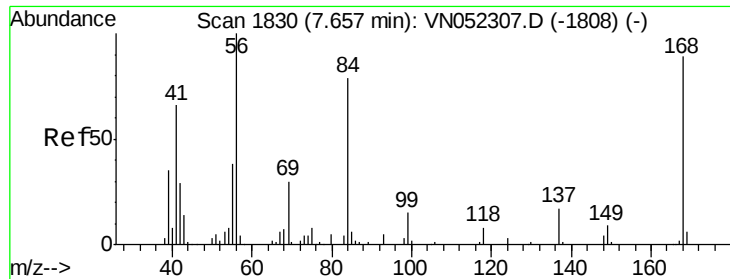
85 70.3 49.4 74.2



Abundance Ion 82.90 (82.60 to 83.60): VN052304.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN052304.D (-1648) (-)

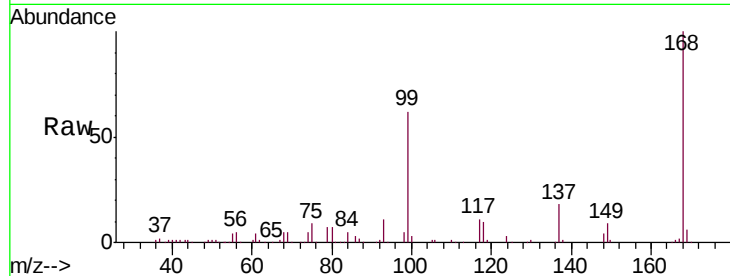




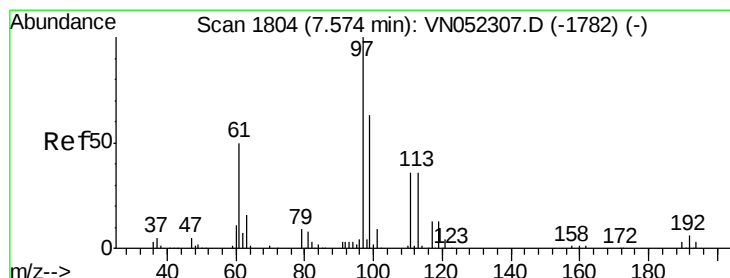
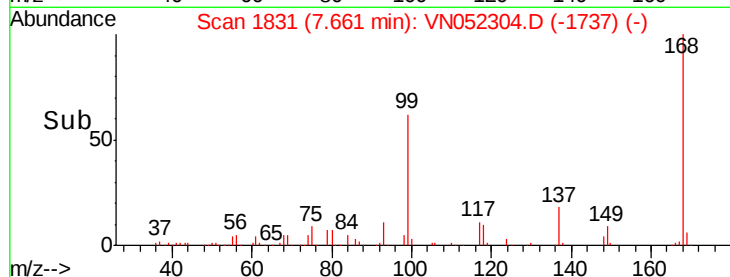
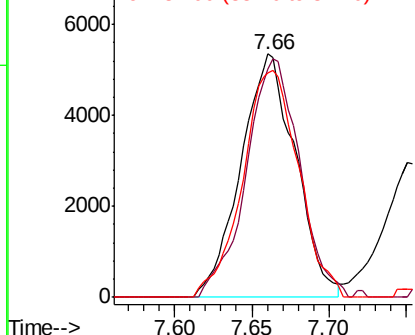
#31
Cyclohexane
Concen: 1.830 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 13158
Ion Ratio Lower Upper
56 100
69 93.7 23.8 35.8#
84 92.3 63.0 94.6

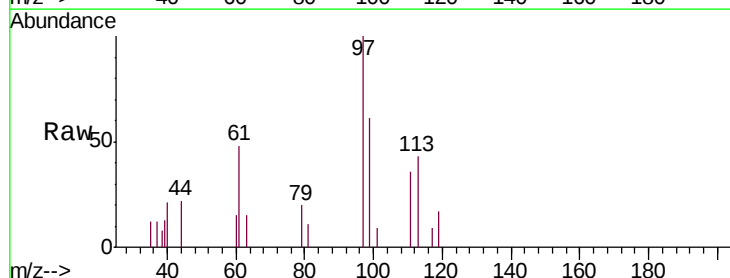


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

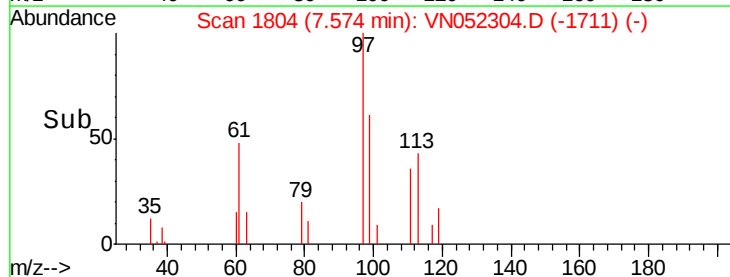
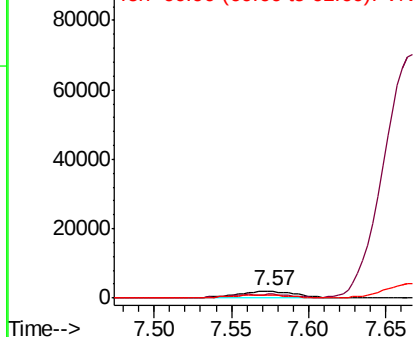


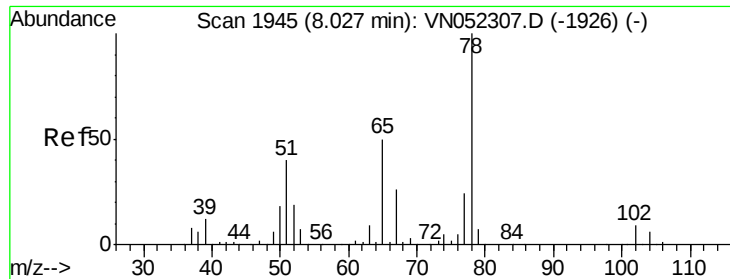
#32
1,1,1-Trichloroethane
Concen: 1.031 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion: 97 Resp: 5191
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2#
61 48.0 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

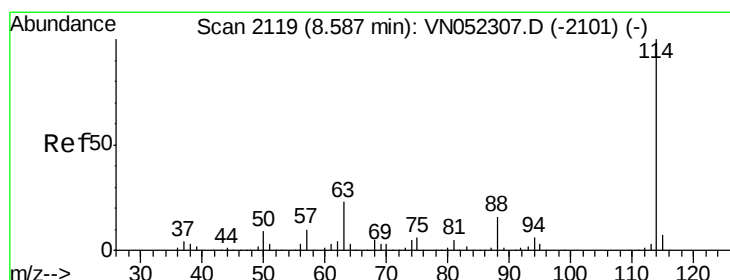
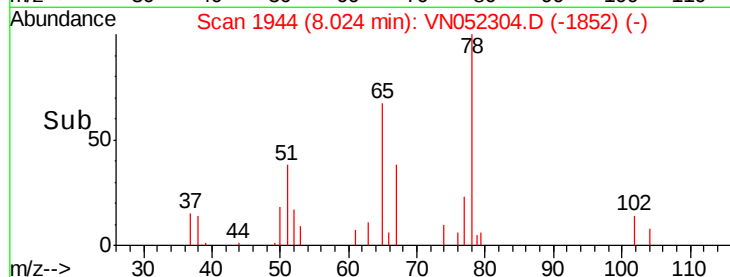
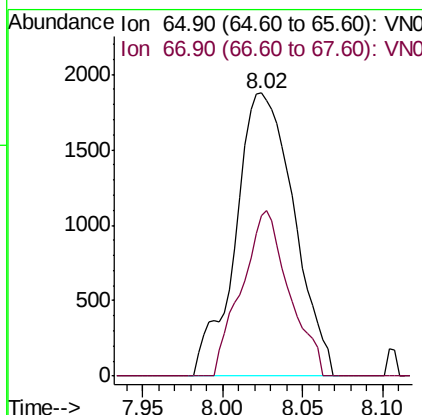
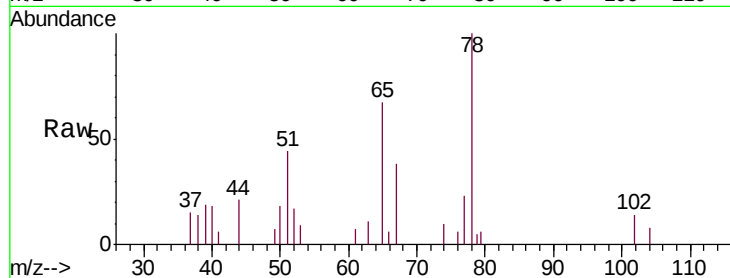




#33
 1,2-Dichloroethane-d4
 Concen: 1.031 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

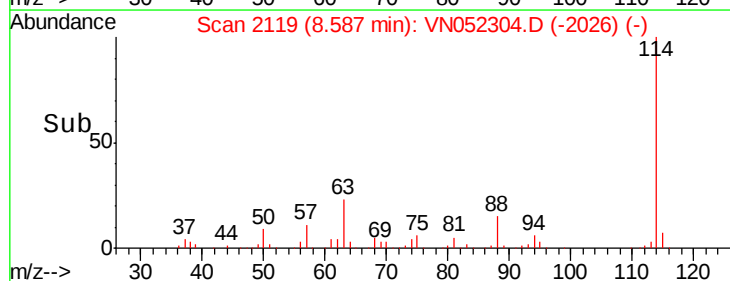
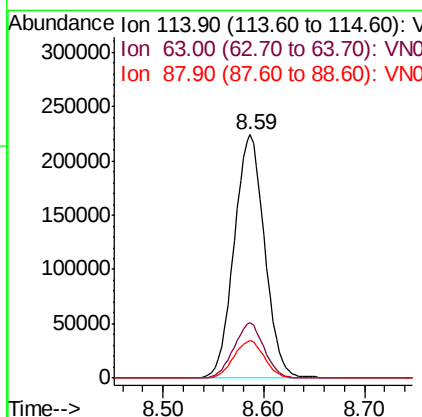
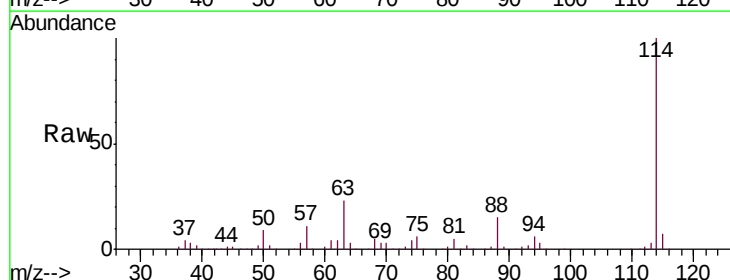
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

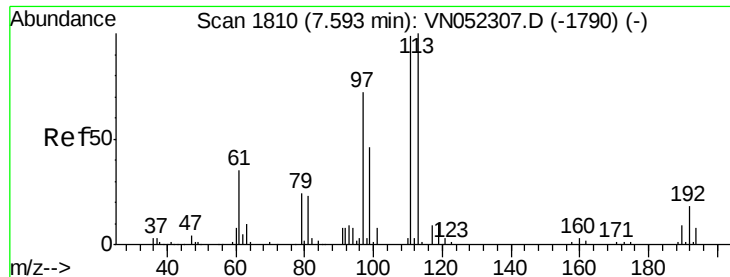
Tgt Ion: 65 Resp: 4713
 Ion Ratio Lower Upper
 65 100
 67 47.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 114 Resp: 468722
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.4
 88 15.2 0.0 31.2

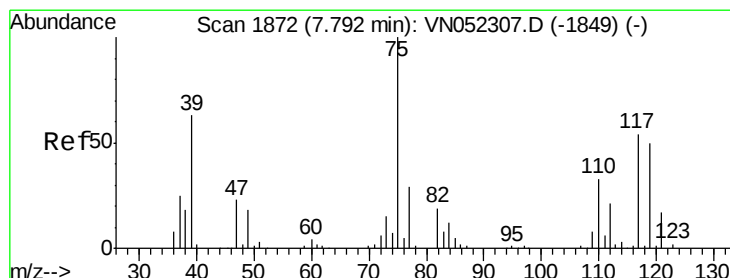
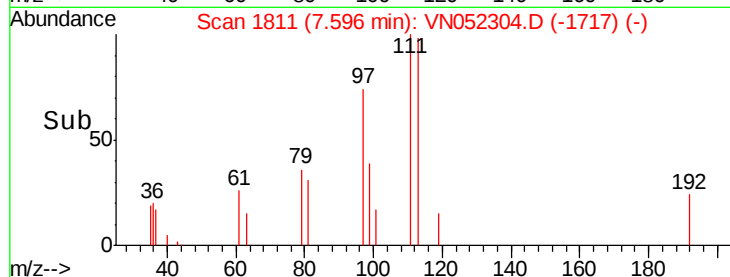
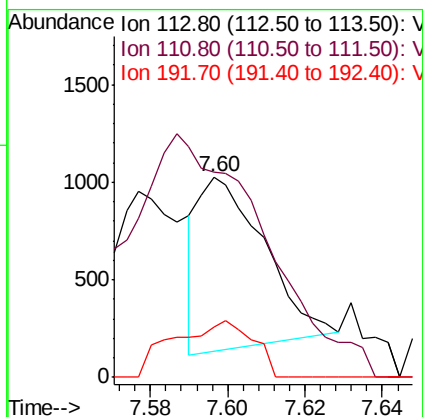
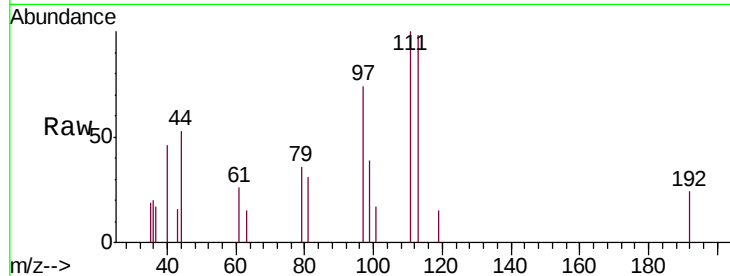




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

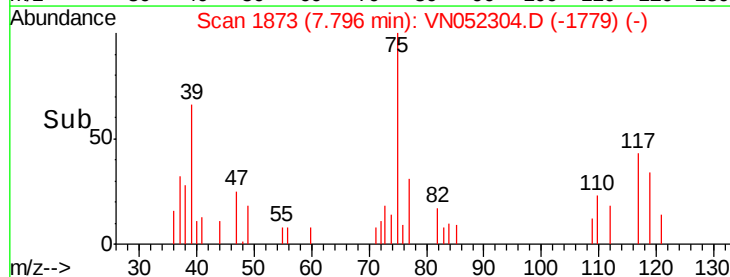
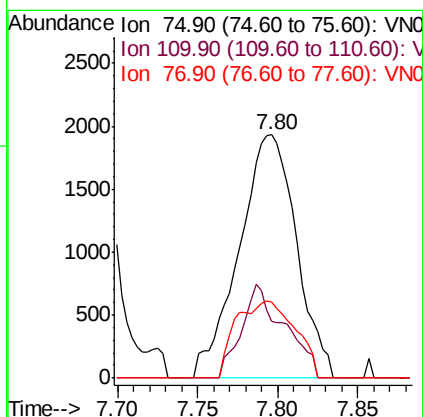
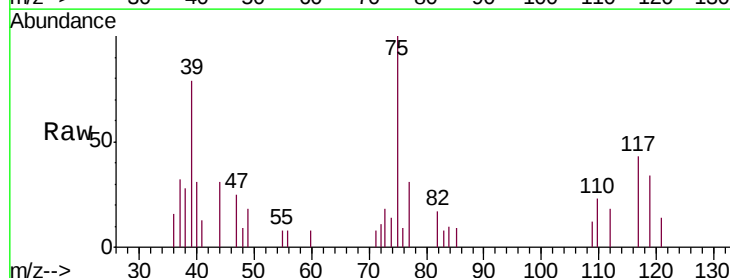
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

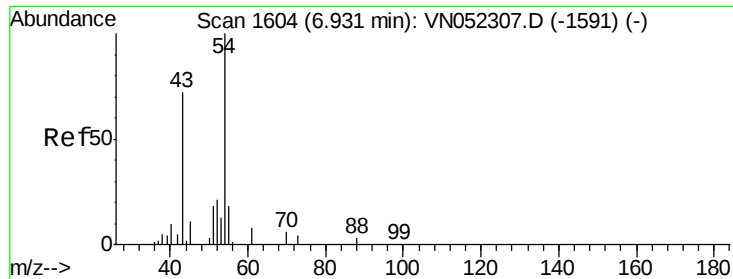
Tgt Ion: 113 Resp: 1032
 Ion Ratio Lower Upper
 113 100
 111 305.8 81.0 121.6#
 192 40.0 13.8 20.6#



#36
 1,1-Dichloropropene
 Concen: 1.016 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 75 Resp: 4775
 Ion Ratio Lower Upper
 75 100
 110 28.6 16.5 49.5
 77 32.4 24.2 36.2

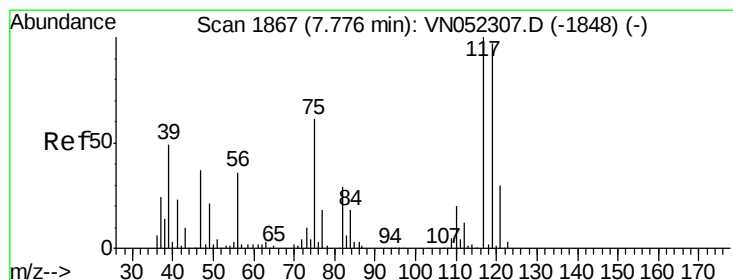
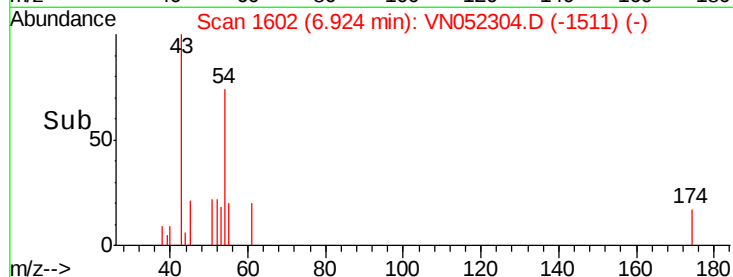
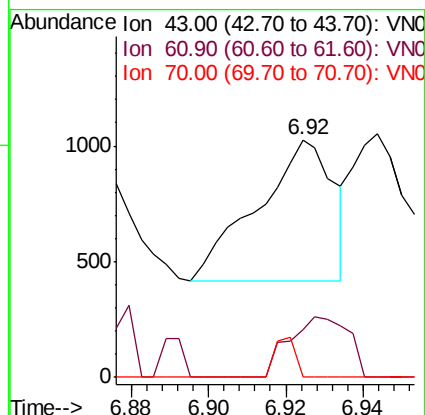
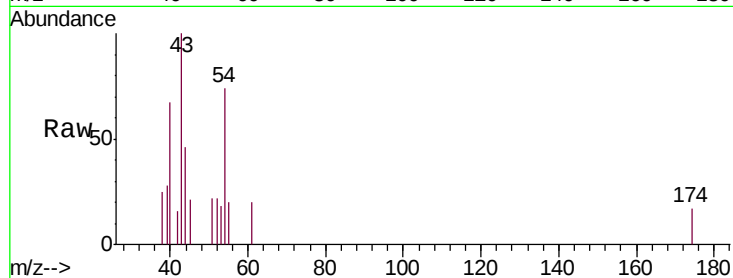




#37
Ethyl Acetate
Concen: 0.231 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

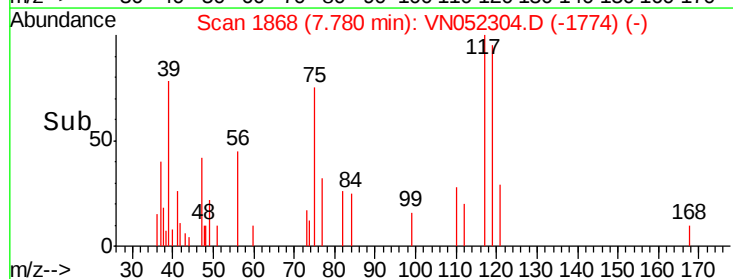
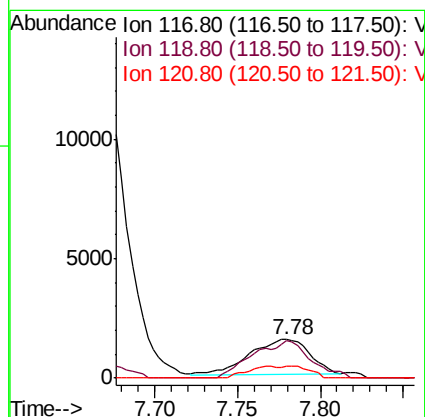
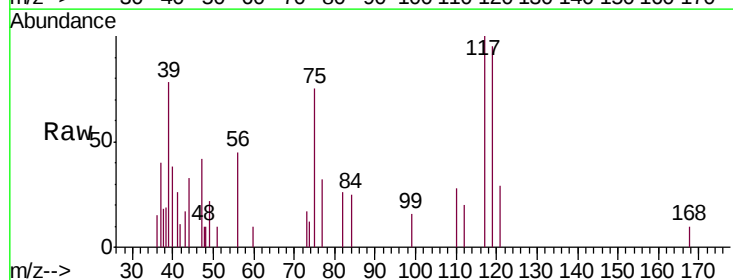
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

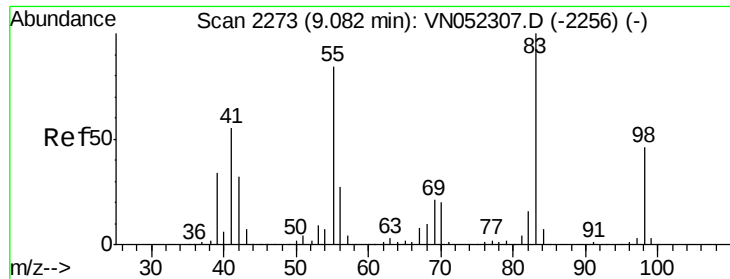
Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
61 33.5 10.3 15.5#
70 7.7 5.6 8.4



#38
Carbon Tetrachloride
Concen: 0.858 ug/l
RT: 7.78 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion: 117 Resp: 3703
Ion Ratio Lower Upper
117 100
119 108.5 77.4 116.0
121 33.4 24.0 36.0

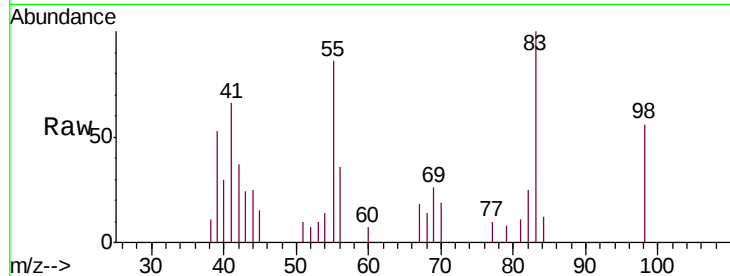




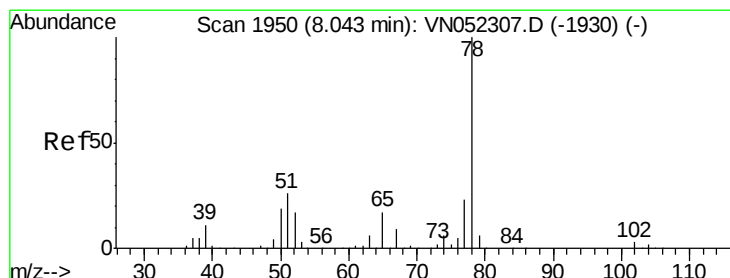
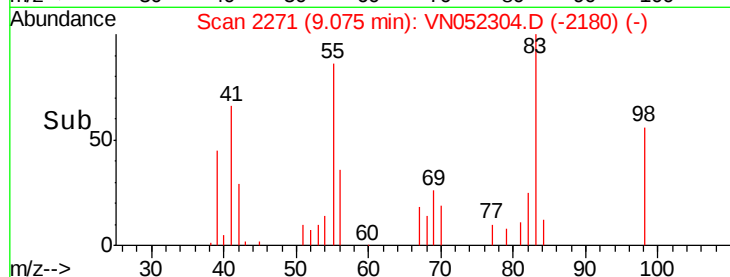
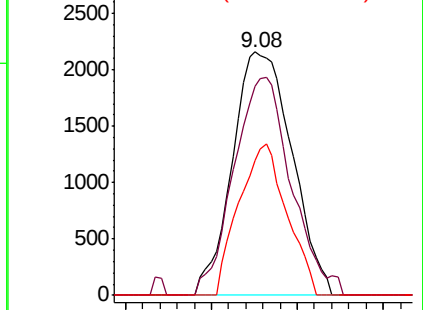
#39
Methylcyclohexane
Concen: 0.969 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.01 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 5196
Ion Ratio Lower Upper
83 100
55 85.8 66.8 100.2
98 55.6 36.4 54.6#

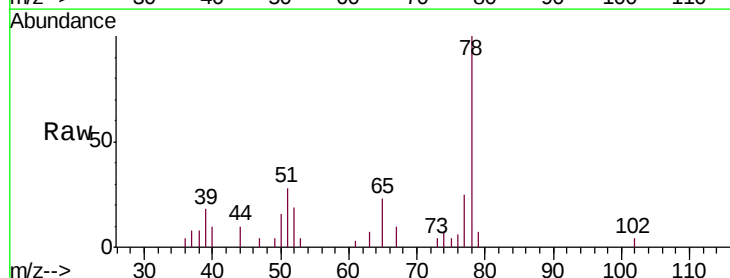


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

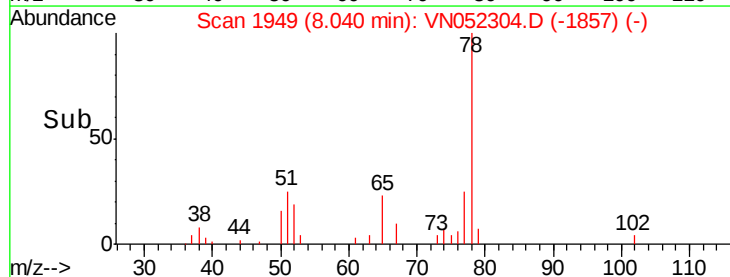
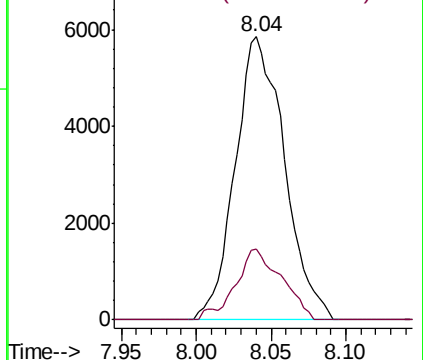


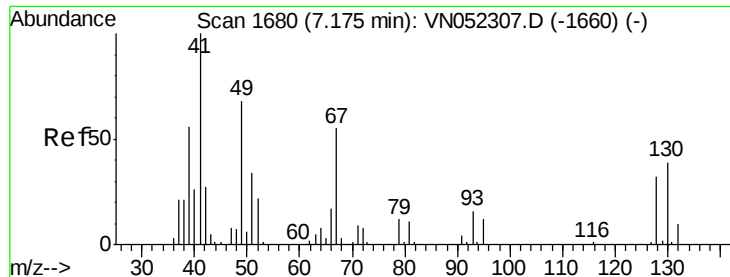
#40
Benzene
Concen: 0.998 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion: 78 Resp: 13401
Ion Ratio Lower Upper
78 100
77 25.0 18.7 28.1



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

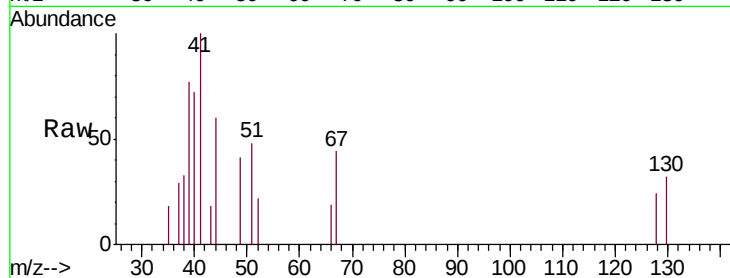




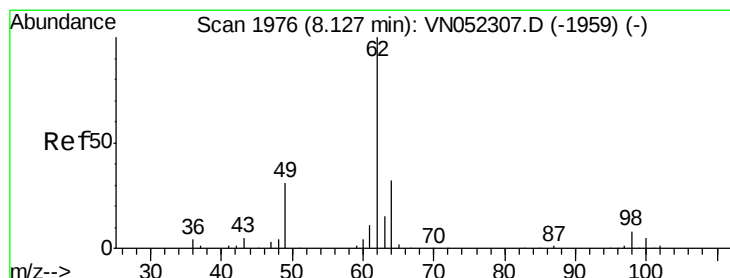
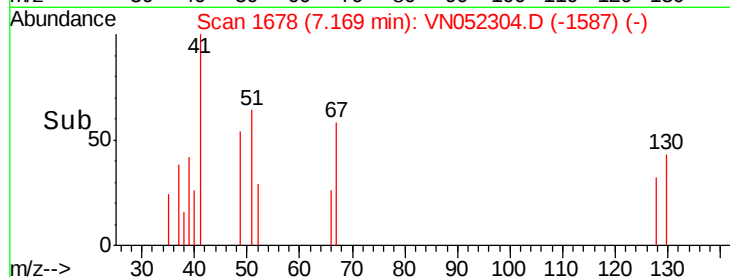
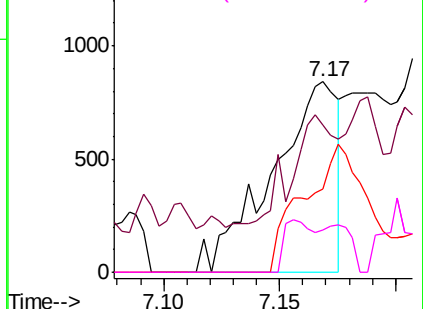
#41
Methacrylonitrile
Concen: 0.850 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.01 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:	41	Resp:	1642
Ion	Ratio	Lower	Upper
41	100		
39	23.4	0.0	0.0#
67	66.1	0.0	0.0#
52	0.0	0.0	0.0

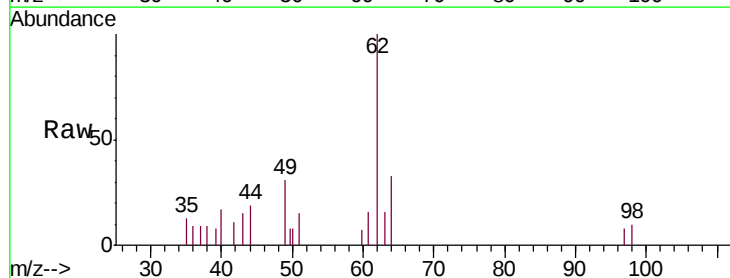


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

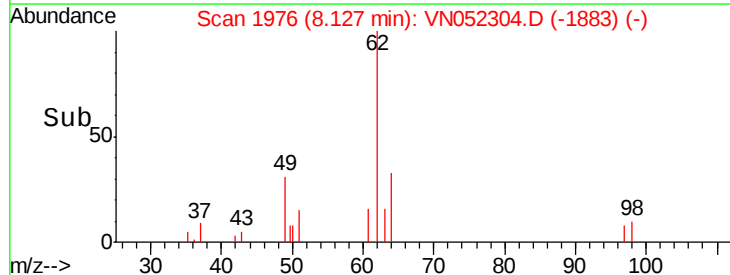
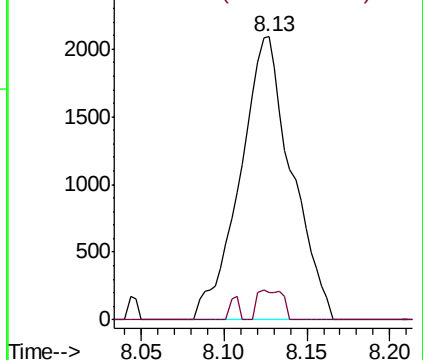


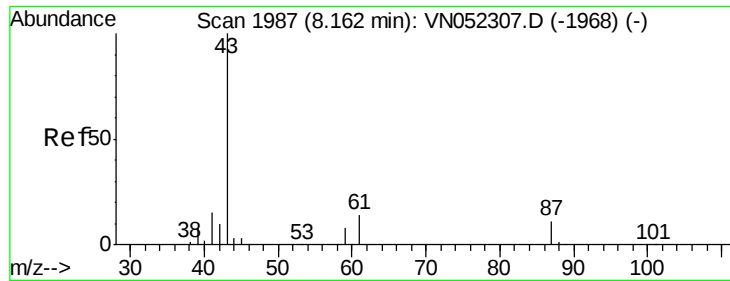
#42
1,2-Dichloroethane
Concen: 0.943 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion:	62	Resp:	4514
Ion	Ratio	Lower	Upper
62	100		
98	5.2	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 1.066 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

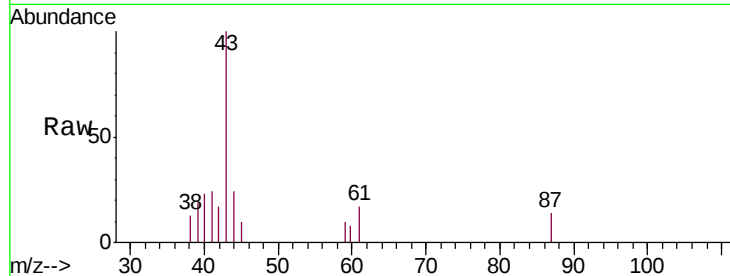
Tgt Ion: 43 Resp: 7015

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

87 7.8 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) (-)

8.17

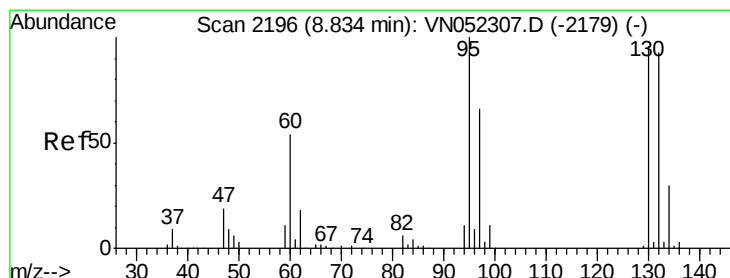
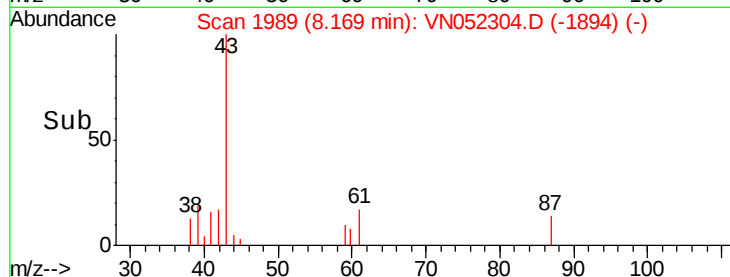
2000

1000

0

8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 0.948 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052304.D

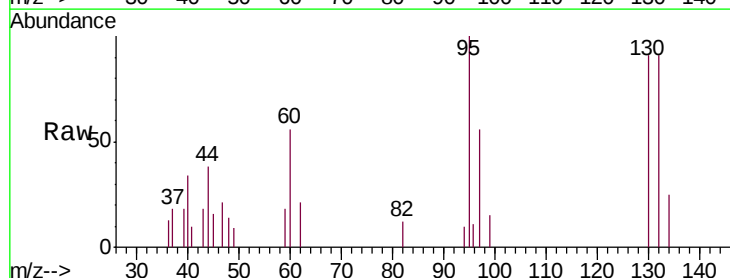
Acq: 14 Nov 2018 10:31

Tgt Ion: 130 Resp: 3134

Ion Ratio Lower Upper

130 100

95 109.7 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) (-)

2000

1500

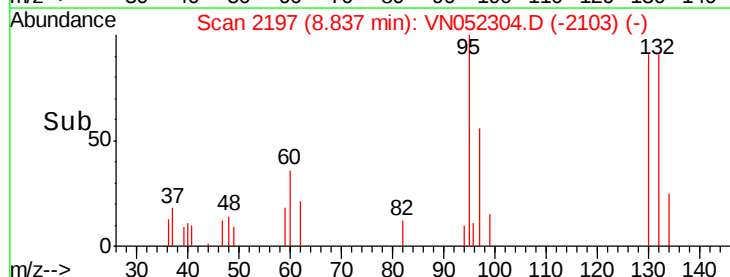
1000

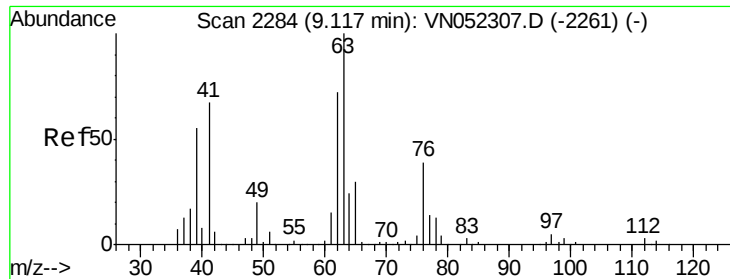
500

0

8.80 8.85

Time-->

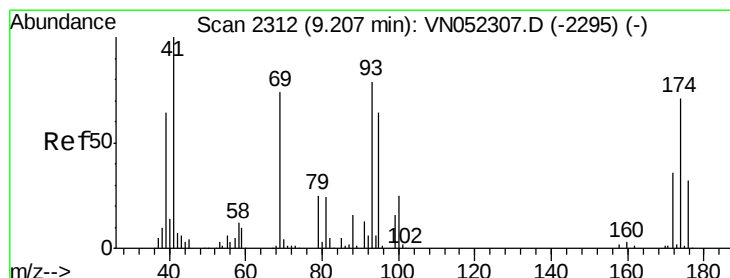
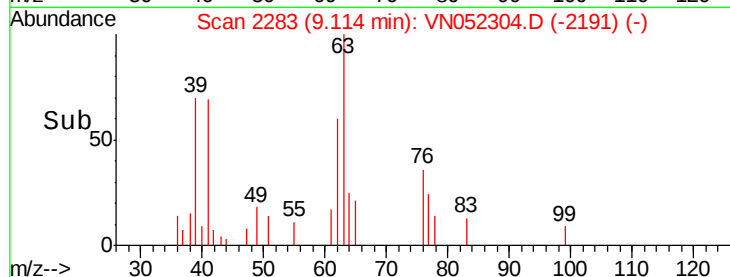
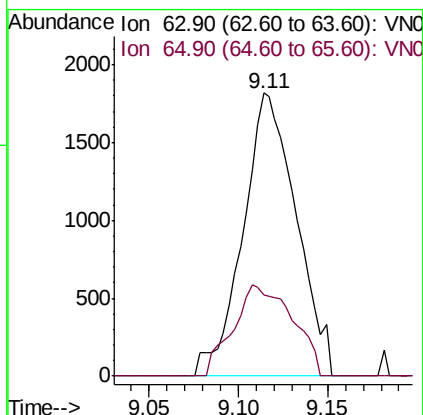
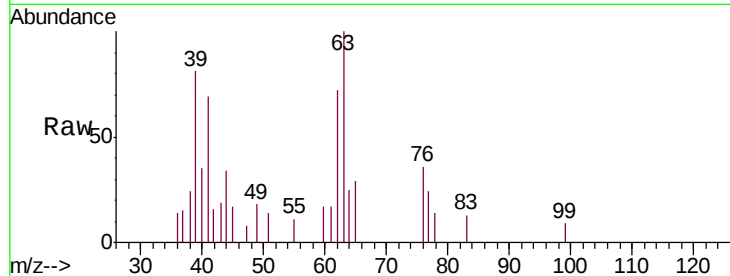




#45
 1,2-Dichloropropane
 Concen: 0.998 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

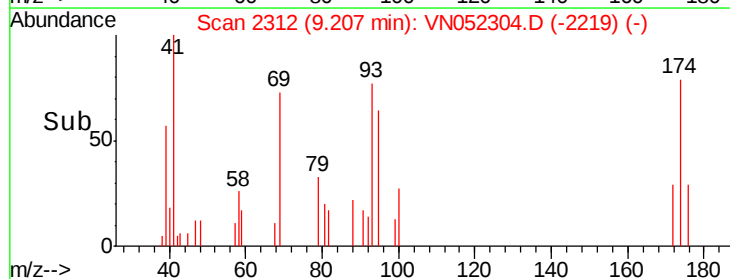
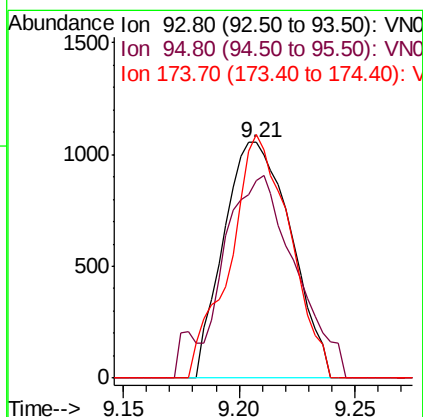
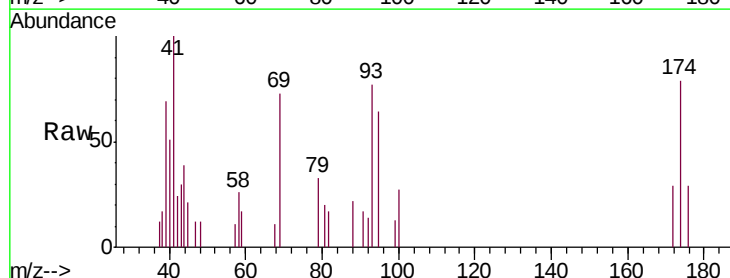
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

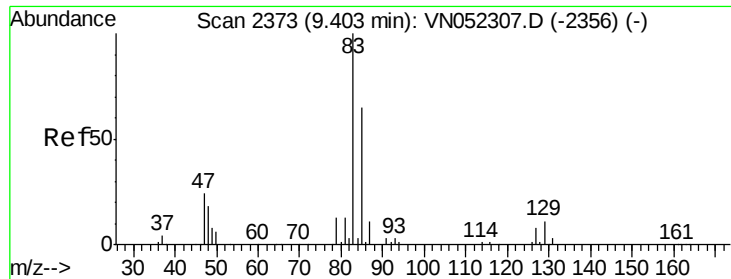
Tgt Ion: 63 Resp: 3802
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.2 36.4



#46
 Dibromomethane
 Concen: 0.964 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 93 Resp: 2126
 Ion Ratio Lower Upper
 93 100
 95 88.3 64.2 96.2
 174 91.9 70.9 106.3





#47

Bromodichloromethane

Concen: 0.936 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

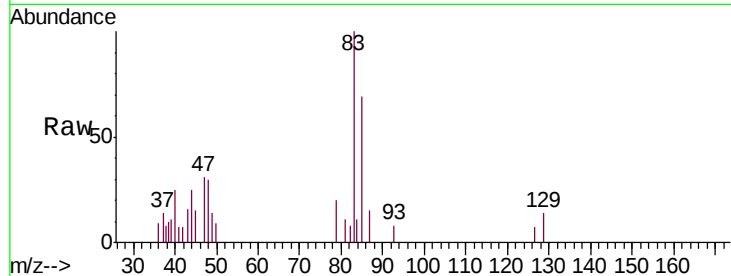
Tgt Ion: 83 Resp: 4233

Ion Ratio Lower Upper

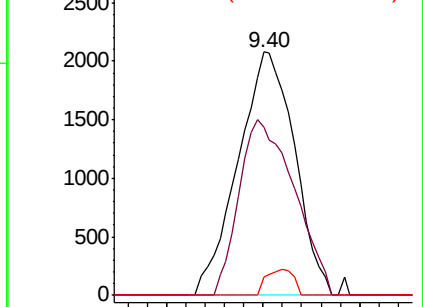
83 100

85 69.0 52.2 78.4

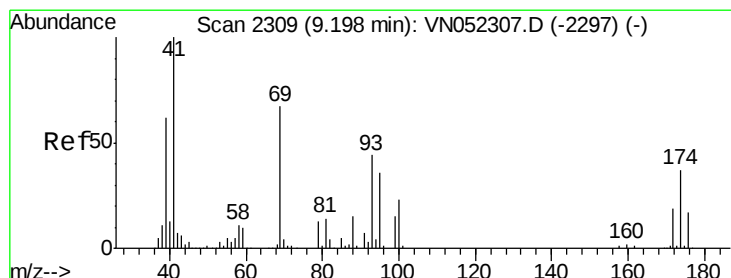
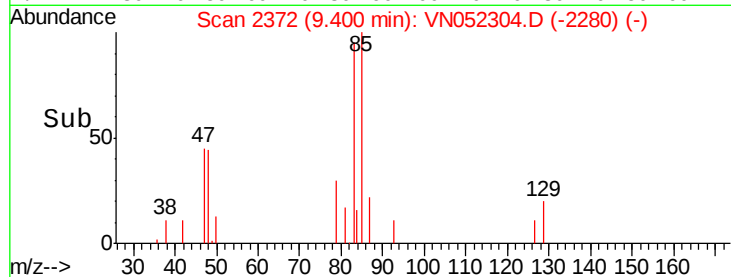
127 7.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



Time-->



#48

Methyl methacrylate

Concen: 1.193 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

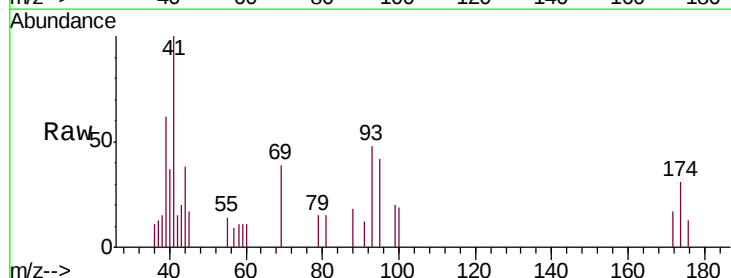
Tgt Ion: 41 Resp: 3982

Ion Ratio Lower Upper

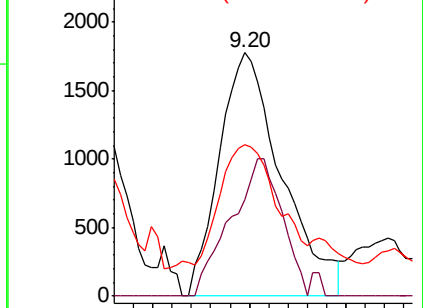
41 100

69 46.4 57.1 85.7#

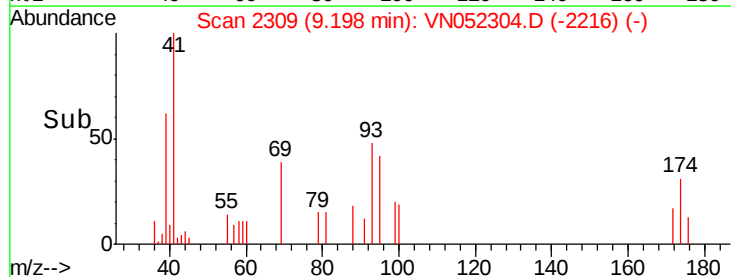
39 44.2 52.5 78.7#

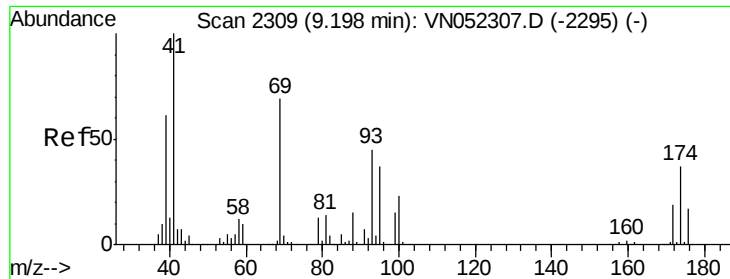


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



Time-->





#49

1,4-Dioxane

Concen: 14.906 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

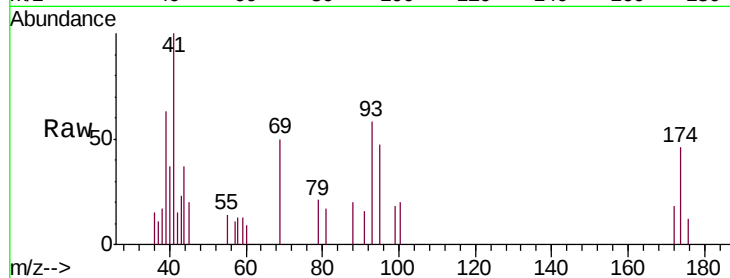
Tgt Ion: 88 Resp: 382

Ion Ratio Lower Upper

88 100

43 0.0 33.3 49.9#

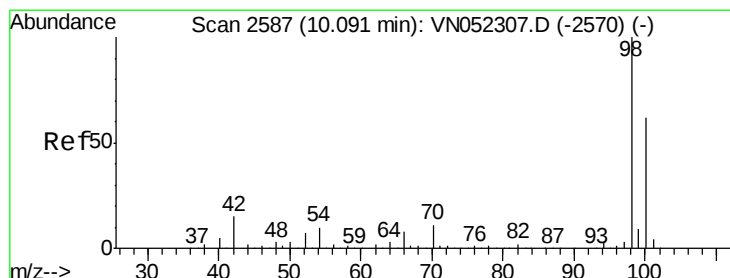
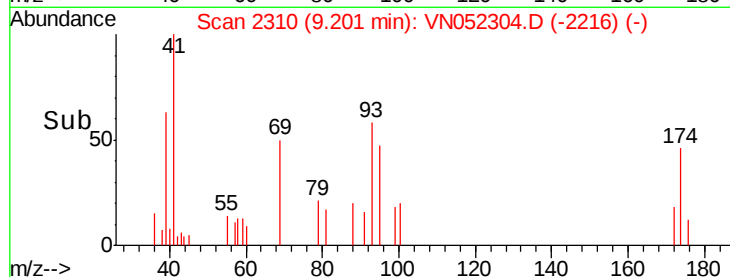
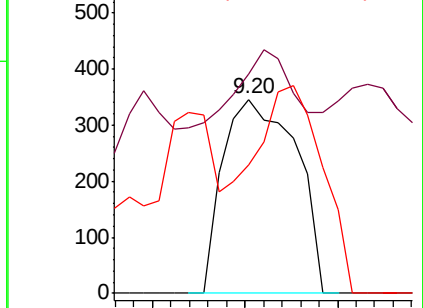
58 97.1 59.2 88.8#



Abundance Ion 88.00 (87.70 to 88.70): VN052307.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN052307.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2295) (-)



#50

Toluene-d8

Concen: 14.906 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052304.D

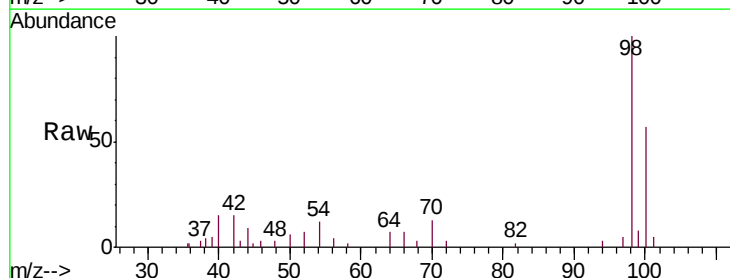
Acq: 14 Nov 2018 10:31

Tgt Ion: 98 Resp: 11414

Ion Ratio Lower Upper

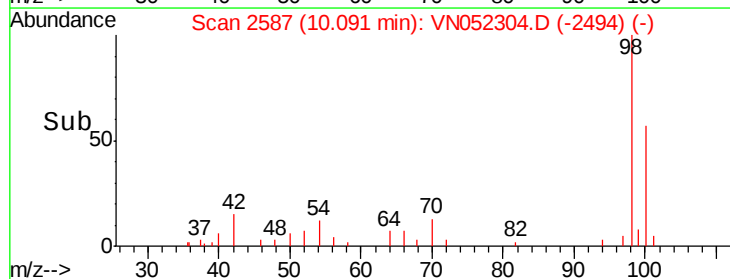
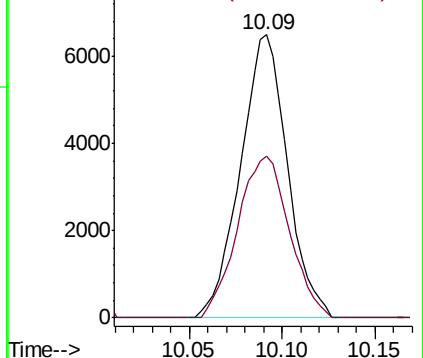
98 100

100 63.0 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 4.241 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

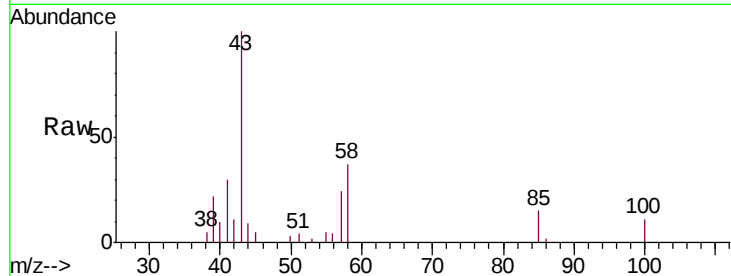
VSTDIC001

Tgt Ion: 43 Resp: 14045

Ion Ratio Lower Upper

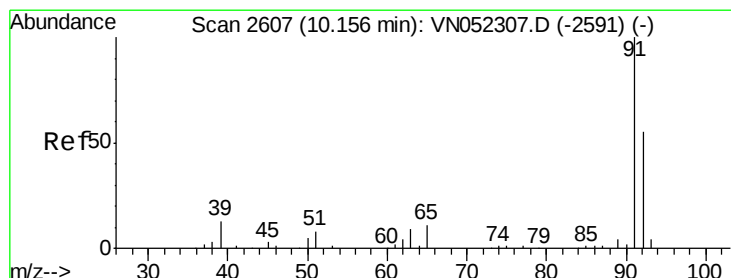
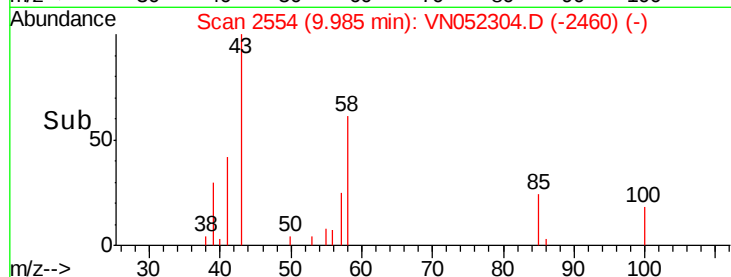
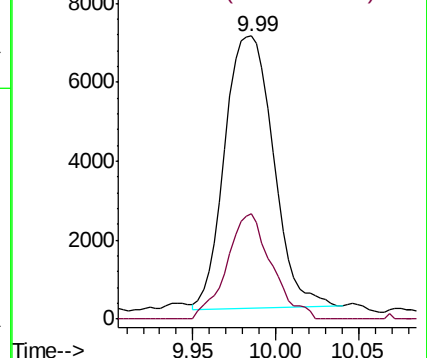
43 100

58 35.7 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.935 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052304.D

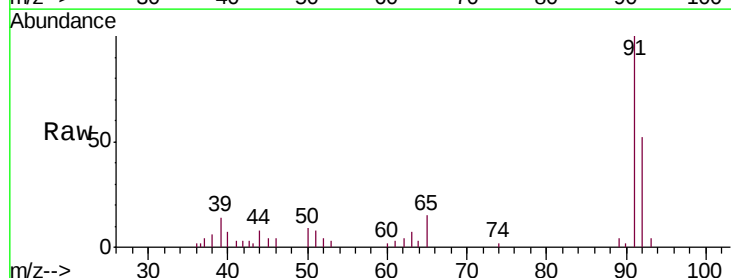
Acq: 14 Nov 2018 10:31

Tgt Ion: 92 Resp: 7506

Ion Ratio Lower Upper

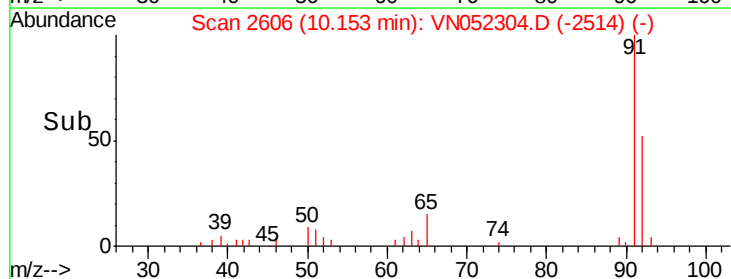
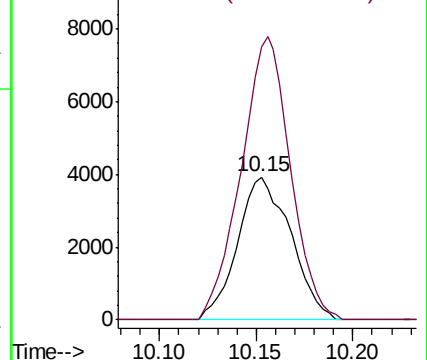
92 100

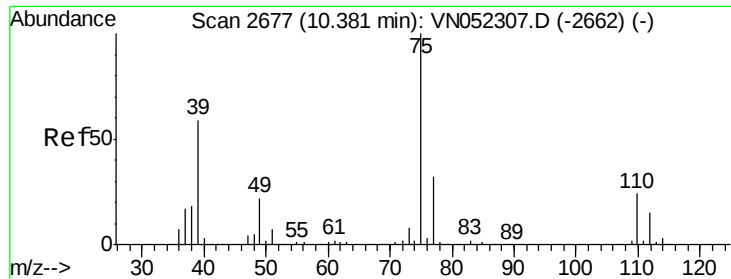
91 184.1 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

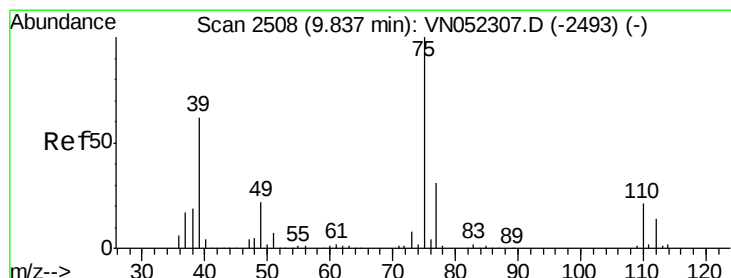
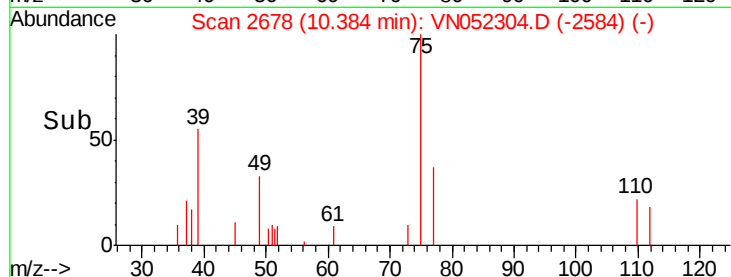
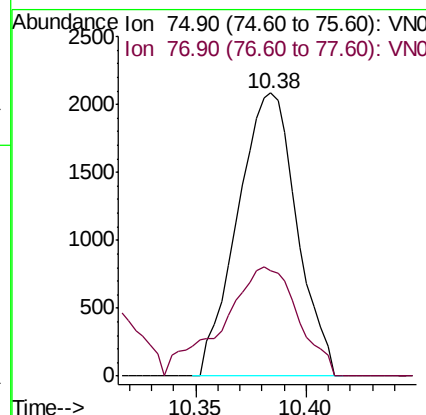
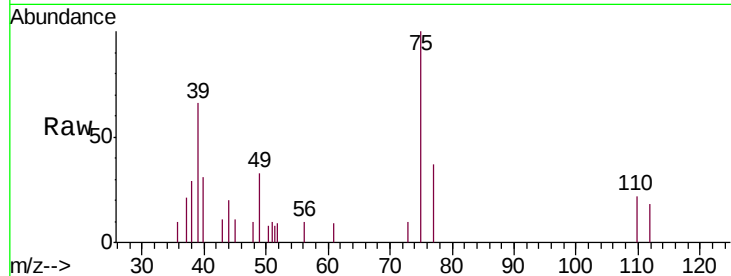




#53
 t-1,3-Dichloropropene
 Concen: 0.852 ug/l
 RT: 10.38 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

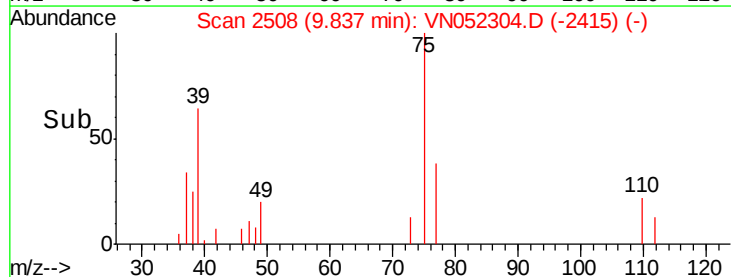
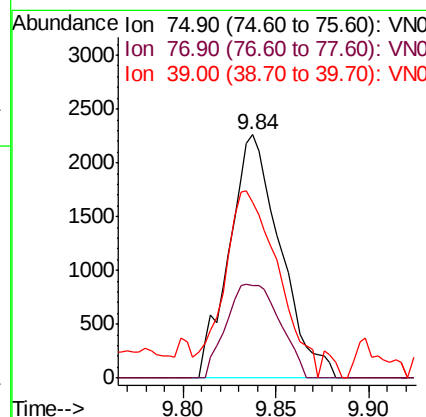
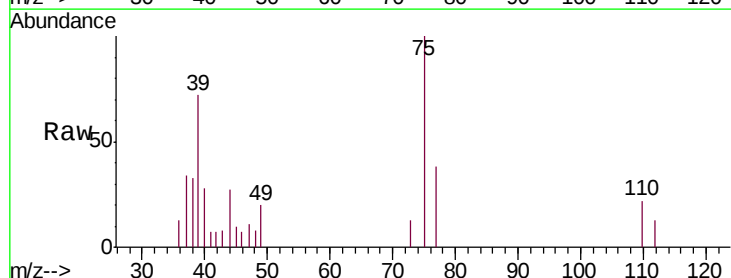
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

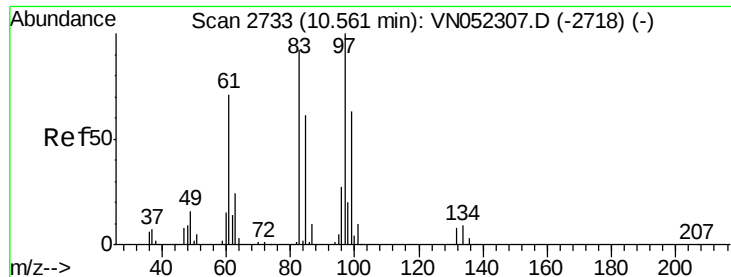
Tgt Ion: 75 Resp: 3887
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.831 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 75 Resp: 4323
 Ion Ratio Lower Upper
 75 100
 77 37.9 24.6 36.8#
 39 72.2 49.9 74.9

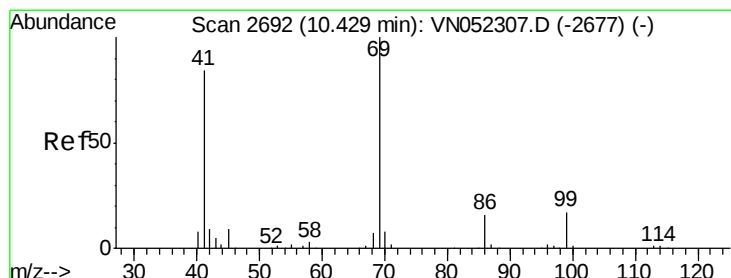
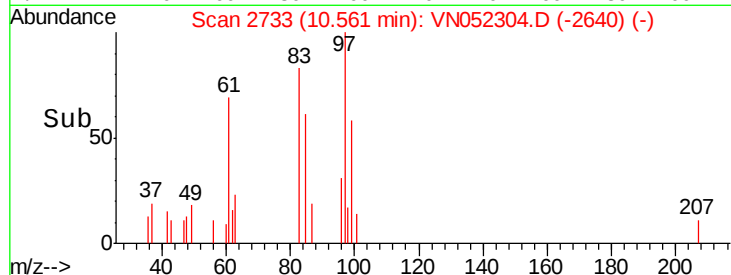
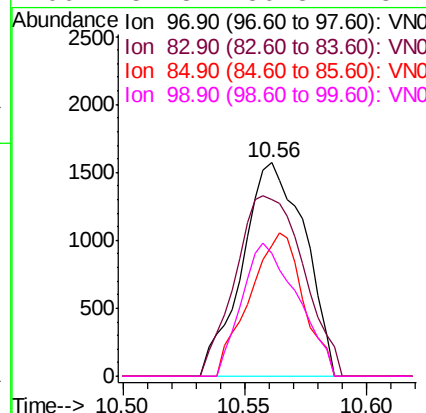
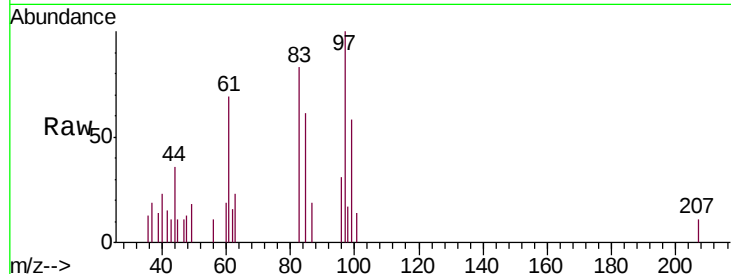




#55
 1,1,2-Trichloroethane
 Concen: 0.961 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

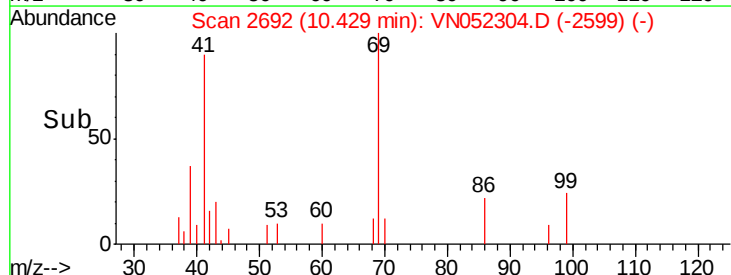
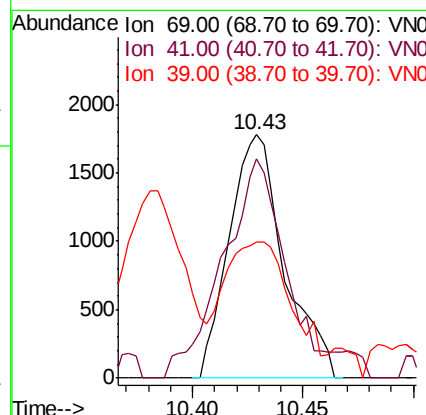
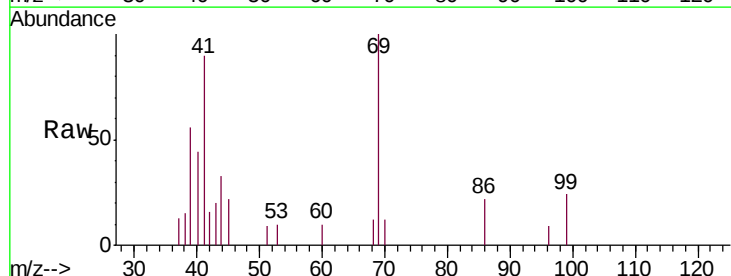
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

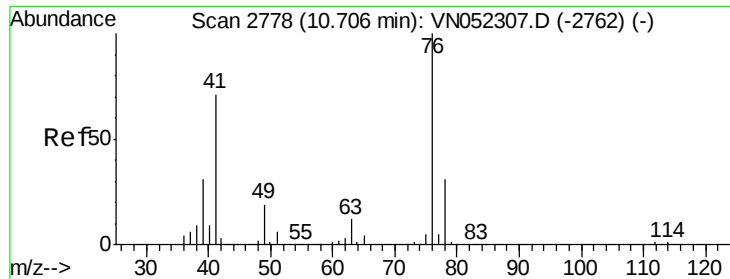
Tgt Ion:	97	Resp:	2796
Ion	Ratio	Lower	Upper
97	100		
83	82.9	73.8	110.6
85	61.4	49.0	73.4
99	57.8	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 0.804 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion:	69	Resp:	3078
Ion	Ratio	Lower	Upper
69	100		
41	107.4	64.8	97.2#
39	51.4	41.0	61.6

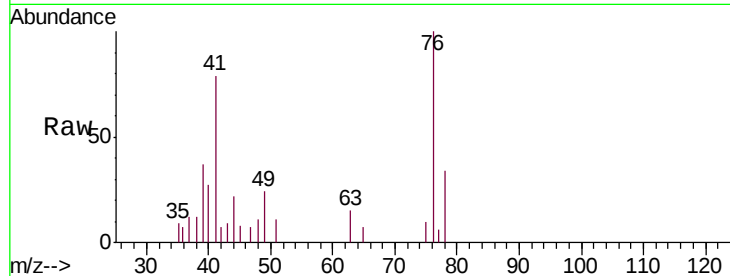




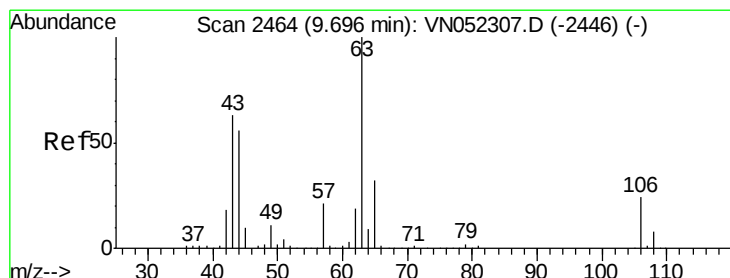
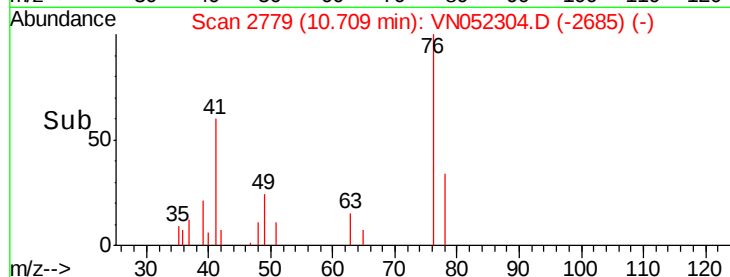
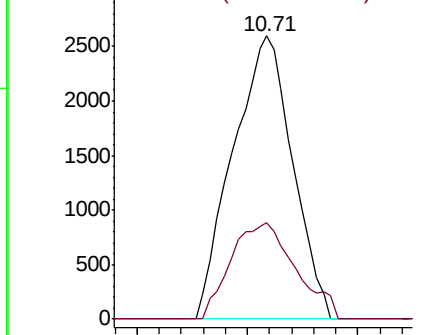
#57
 1,3-Dichloropropane
 Concen: 0.942 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 76 Resp: 4856
 Ion Ratio Lower Upper
 76 100
 78 37.0 25.7 38.5

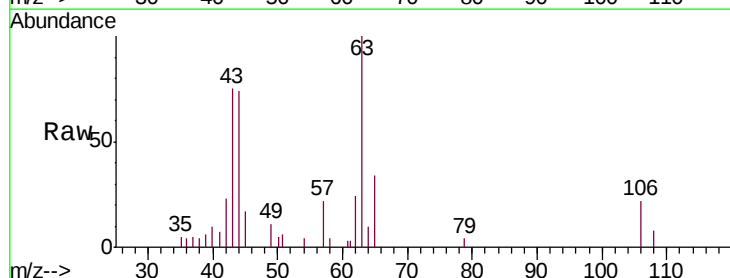


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

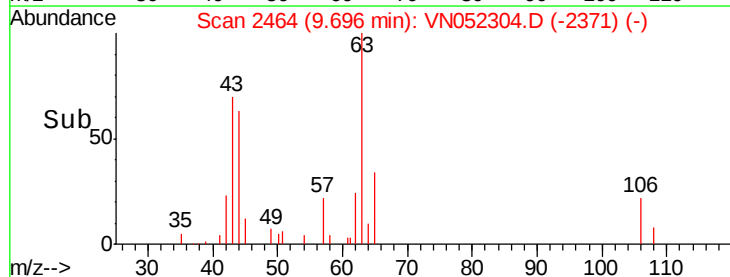
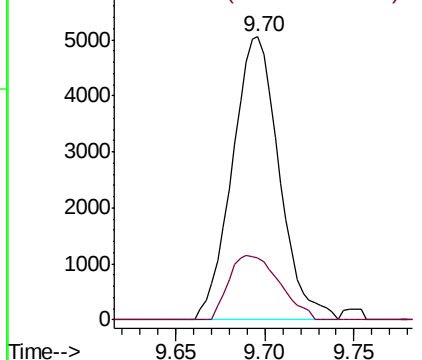


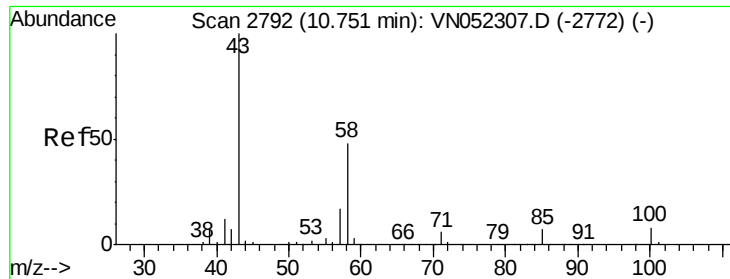
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.246 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 63 Resp: 9252
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.3 28.9



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

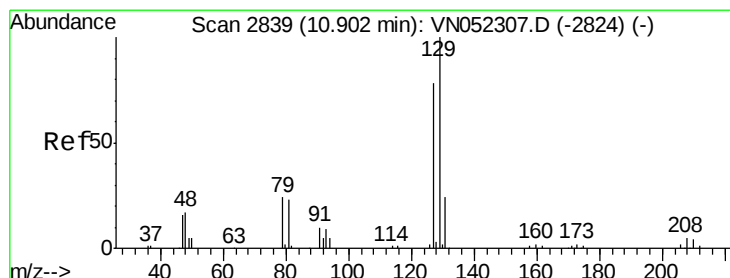
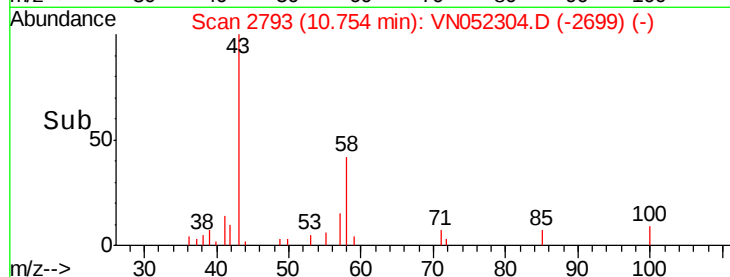
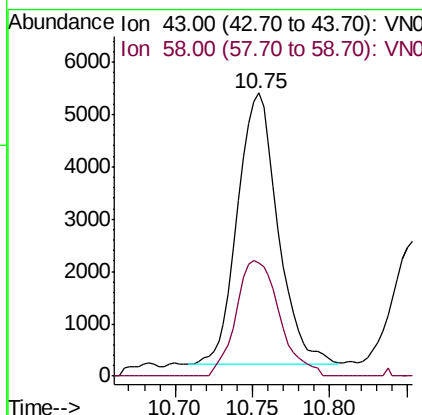
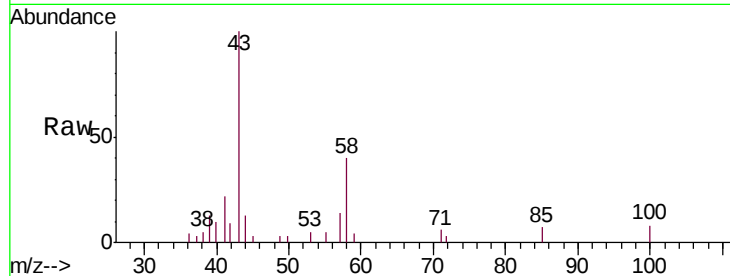




#59
2-Hexanone
Concen: 4.150 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

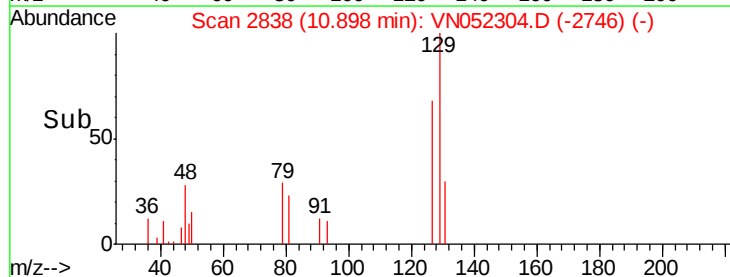
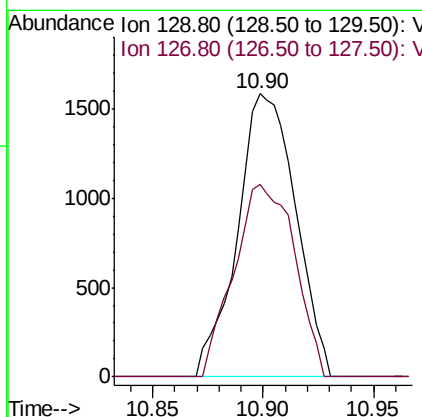
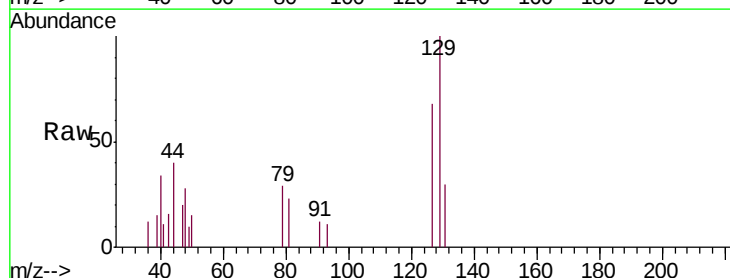
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

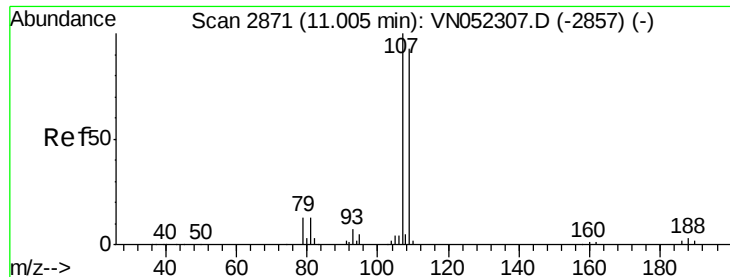
Tgt Ion: 43 Resp: 9453
Ion Ratio Lower Upper
43 100
58 45.7 23.5 70.6



#60
Dibromochloromethane
Concen: 0.924 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion: 129 Resp: 2909
Ion Ratio Lower Upper
129 100
127 70.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 0.901 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

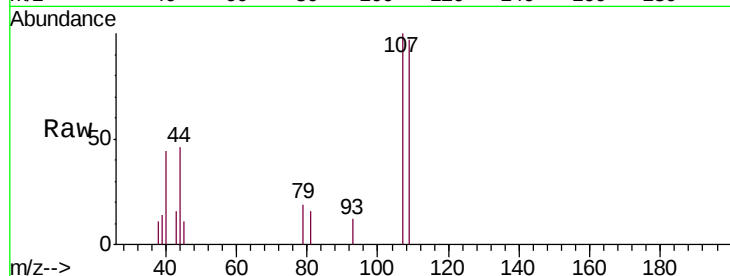
VSTDIC001

Tgt Ion: 107 Resp: 2611

Ion Ratio Lower Upper

107 100

109 99.3 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

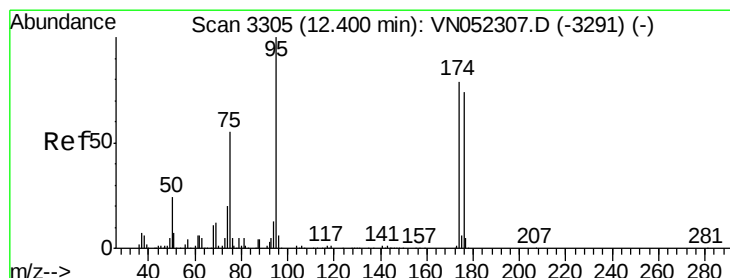
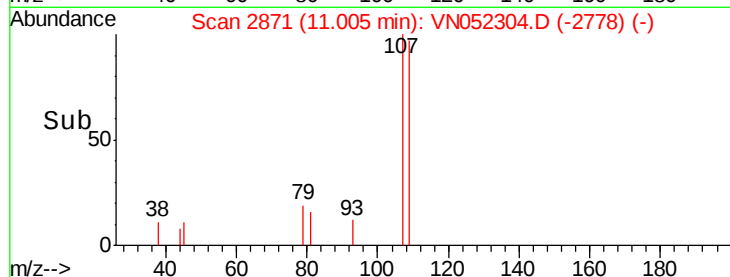
1500

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 0.901 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

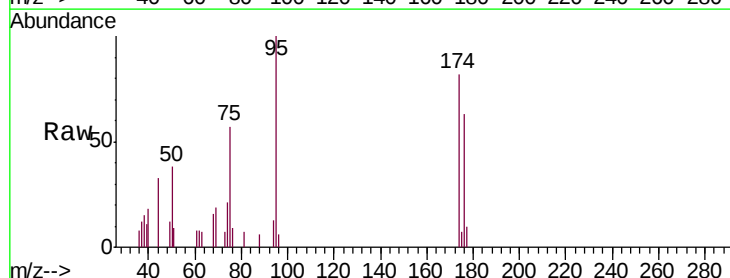
Tgt Ion: 95 Resp: 4052

Ion Ratio Lower Upper

95 100

174 78.3 0.0 156.0

176 63.8 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

3000

2500

2000

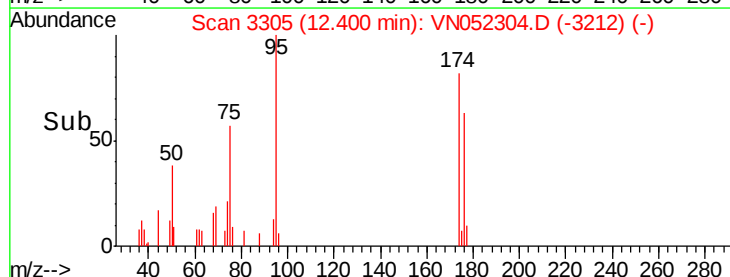
1500

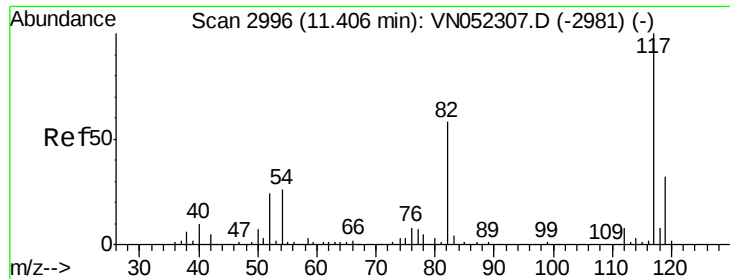
1000

500

0

Time-->

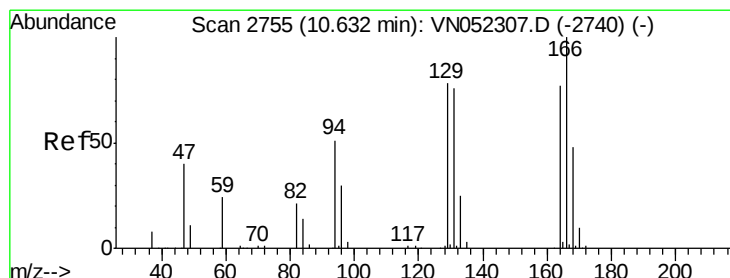
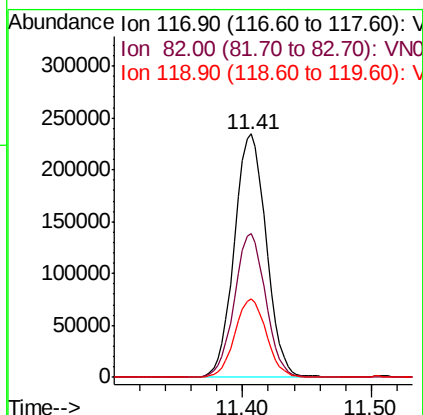
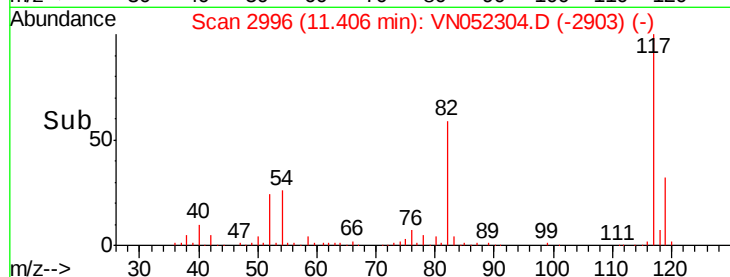
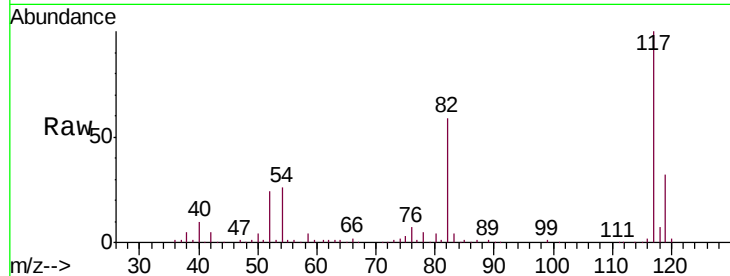




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

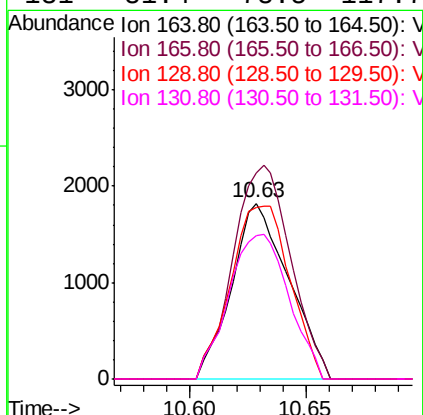
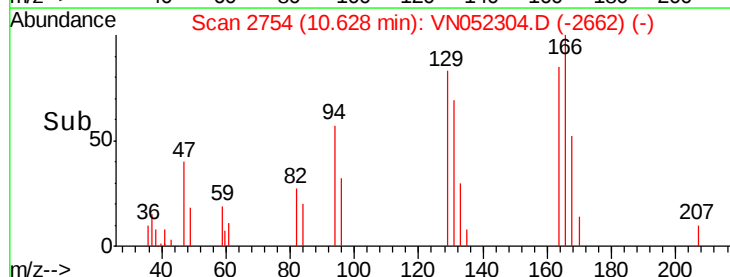
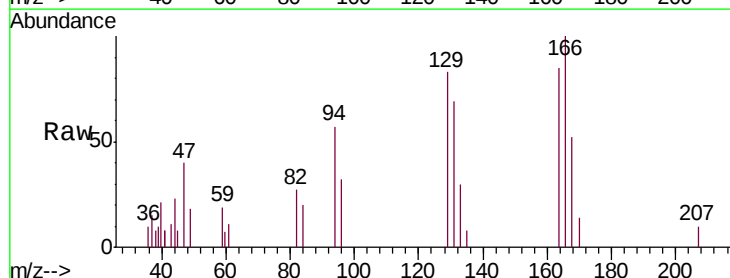
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

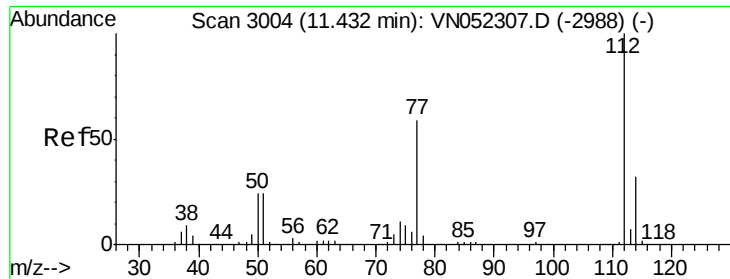
Tgt Ion:117 Resp: 404273
Ion Ratio Lower Upper
117 100
82 59.0 46.5 69.7
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 1.079 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion:164 Resp: 3102
Ion Ratio Lower Upper
164 100
166 117.3 103.8 155.6
129 97.8 80.7 121.1
131 81.4 78.5 117.7

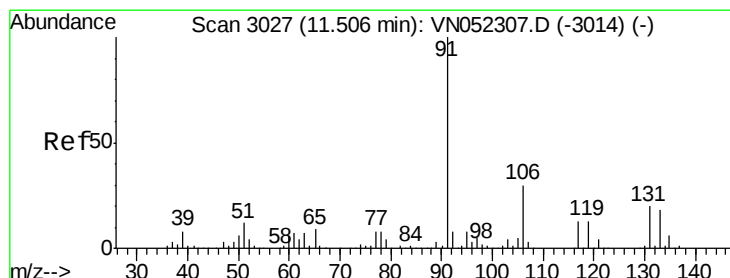
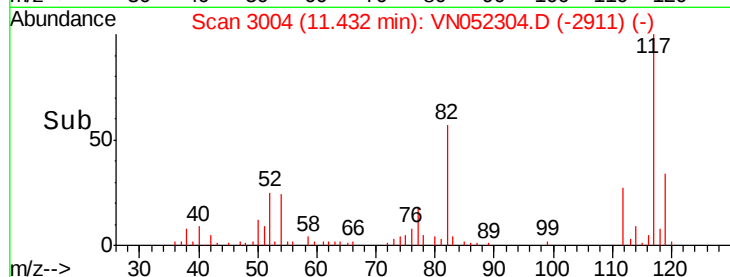
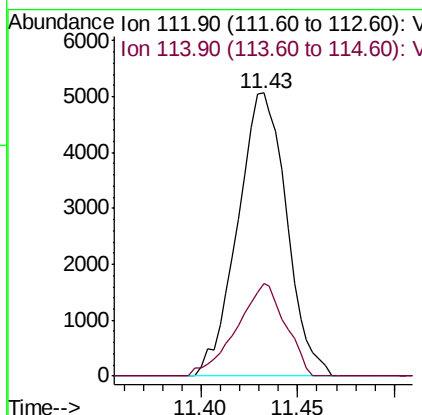
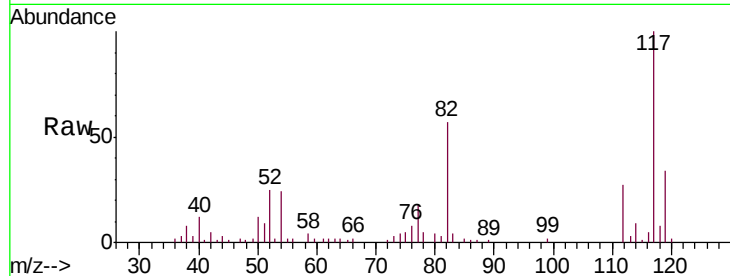




#65
Chlorobenzene
Concen: 1.044 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

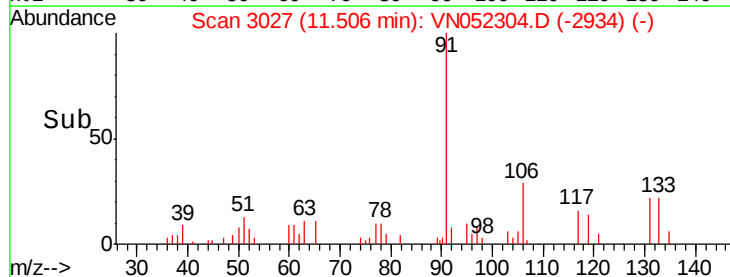
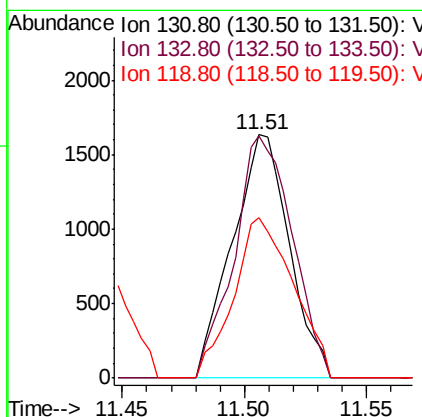
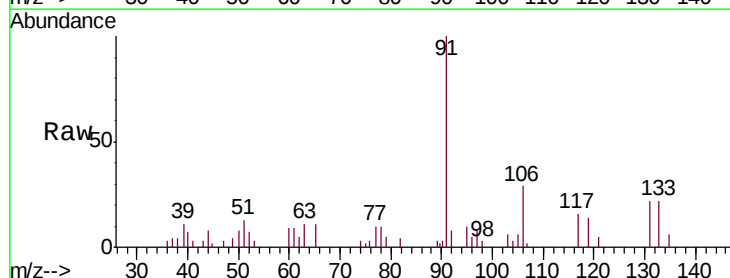
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

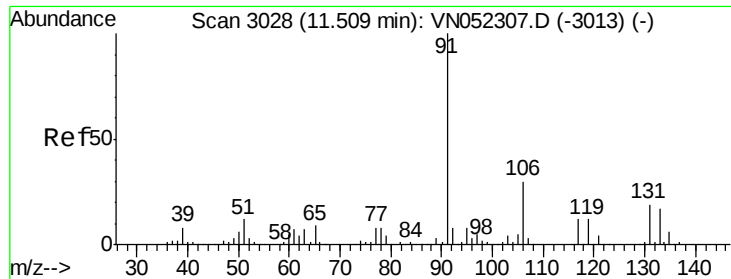
Tgt Ion:112 Resp: 8925
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.909 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion:131 Resp: 2648
Ion Ratio Lower Upper
131 100
133 101.5 47.4 142.3
119 0.0 33.3 99.9#

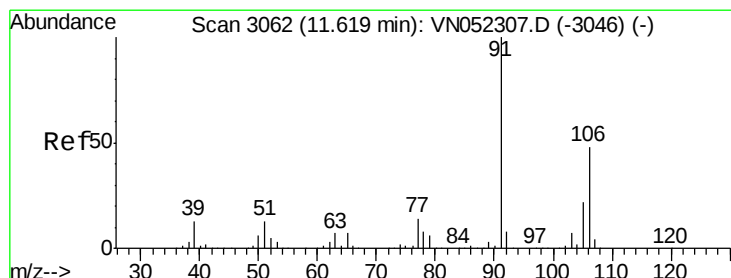
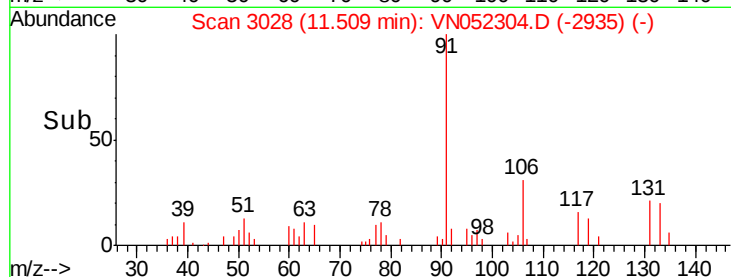
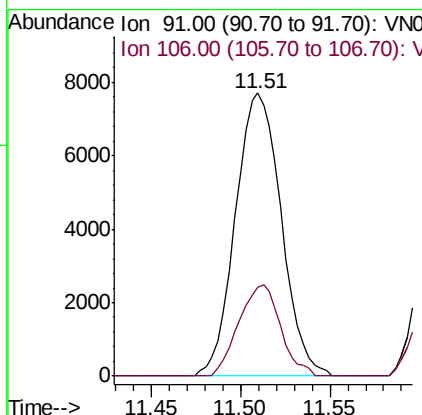
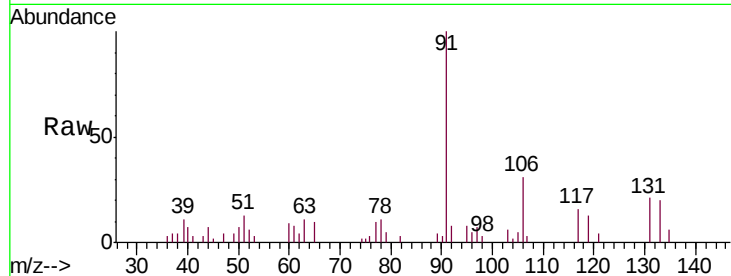




#67
Ethyl Benzene
Concen: 0.932 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

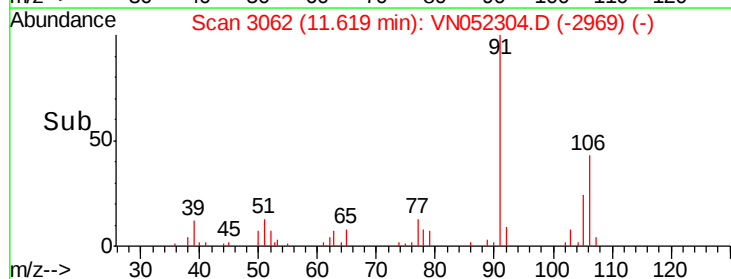
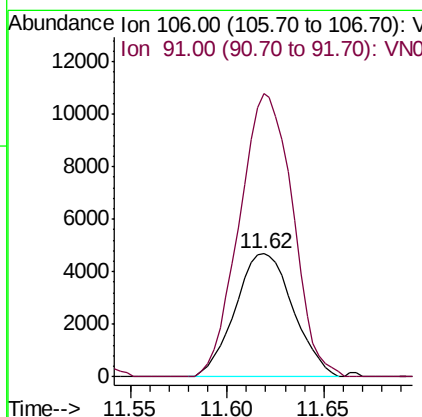
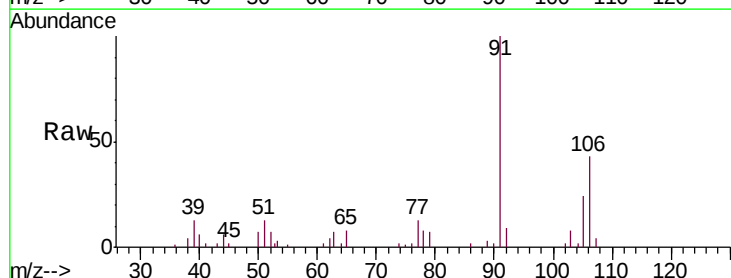
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

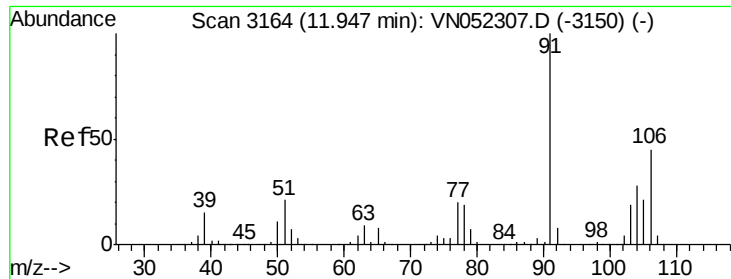
Tgt Ion: 91 Resp: 13819
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.2



#68
m/p-Xylenes
Concen: 1.802 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion: 106 Resp: 9763
Ion Ratio Lower Upper
106 100
91 211.1 165.5 248.3

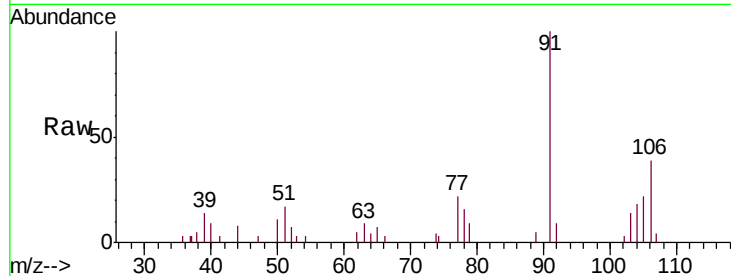




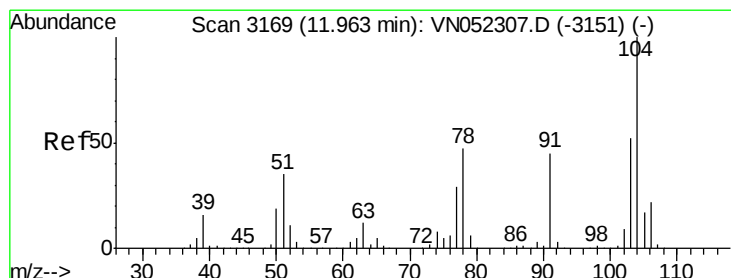
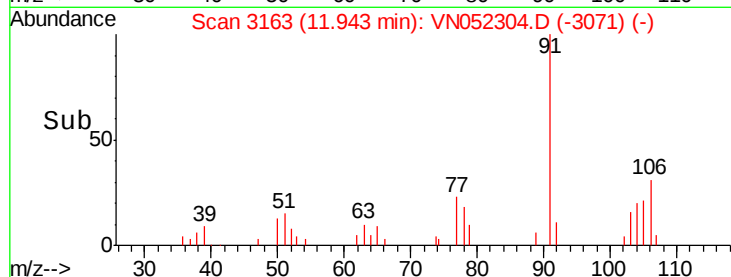
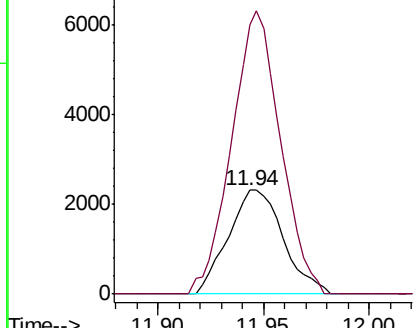
#69
o-Xylene
Concen: 0.809 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 4202
Ion Ratio Lower Upper
106 100
91 240.9 110.0 330.0

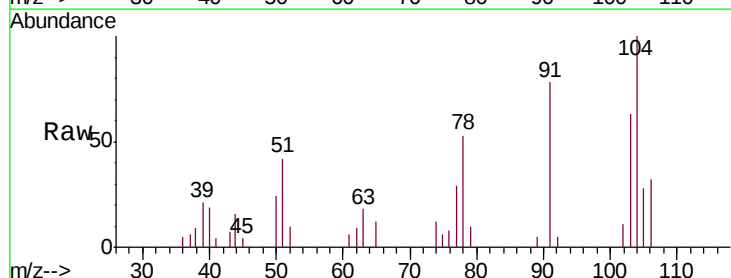


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

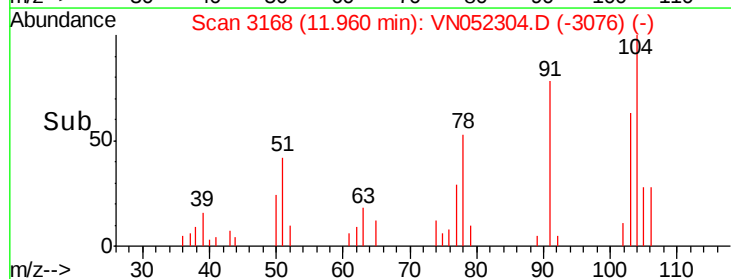
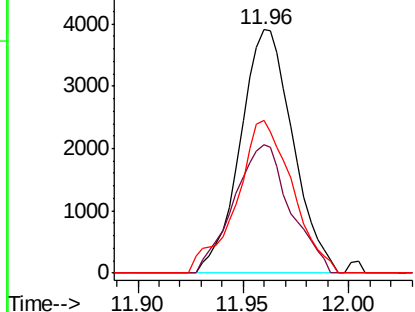


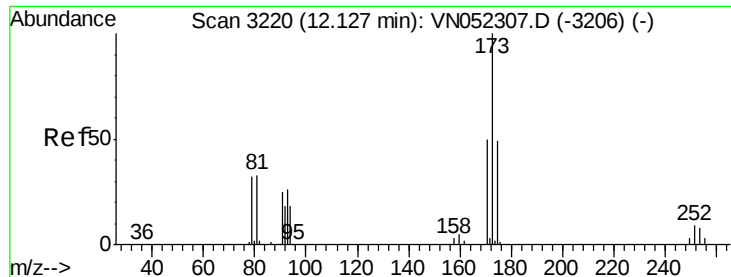
#70
Styrene
Concen: 0.815 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion:104 Resp: 6775
Ion Ratio Lower Upper
104 100
78 56.7 42.7 64.1
103 66.5 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: 0.782 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

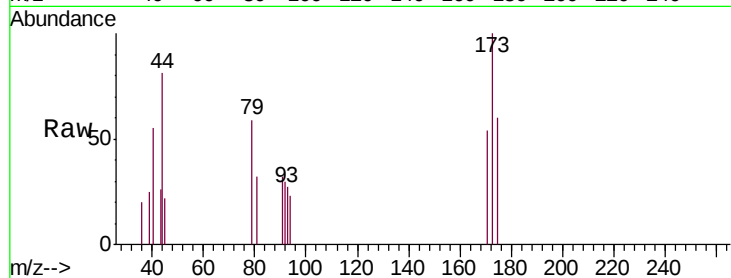
Tgt Ion:173 Resp: 1345

Ion Ratio Lower Upper

173 100

175 46.4 25.0 75.0

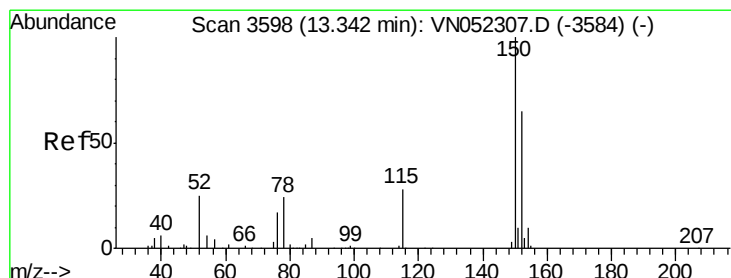
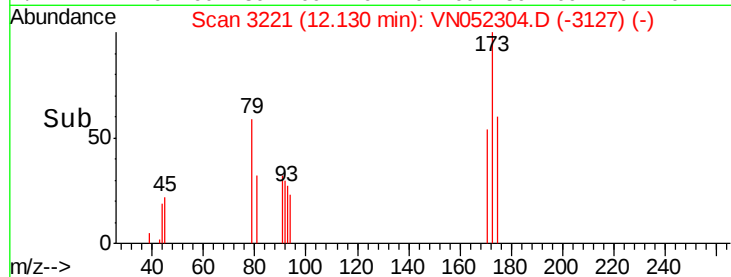
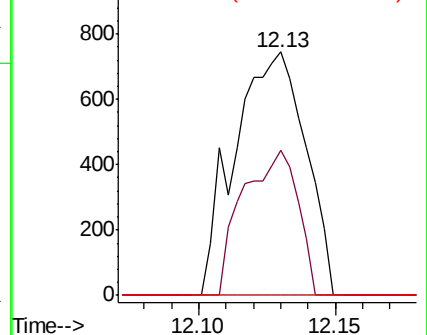
254 0.0 0.0 0.0



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: VN052304.D

Acq: 14 Nov 2018 10:31

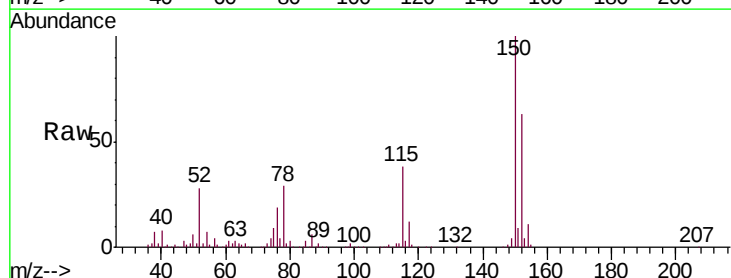
Tgt Ion:152 Resp: 154700

Ion Ratio Lower Upper

152 100

115 59.7 30.3 91.0

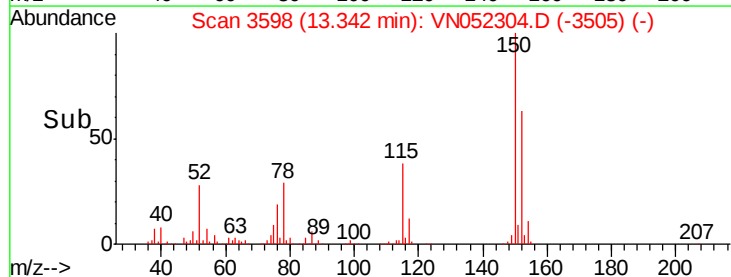
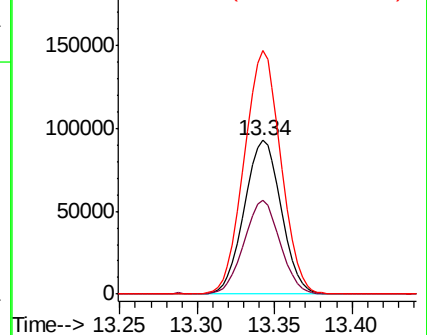
150 157.1 0.0 348.2

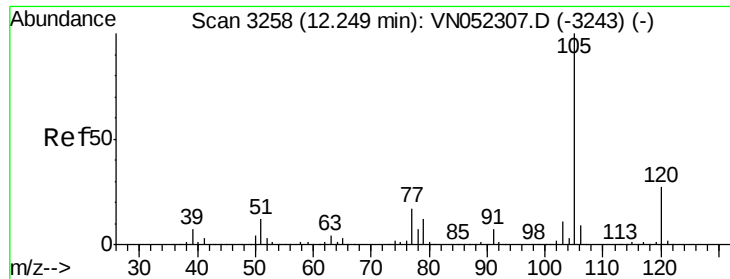


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.991 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

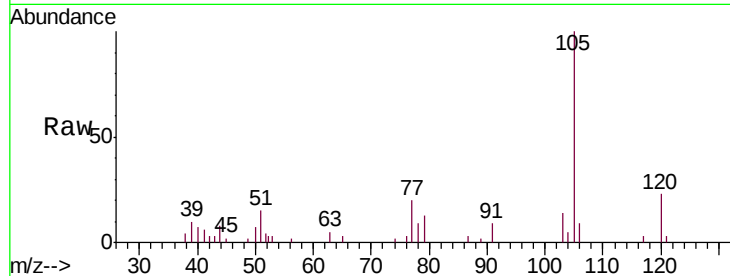
VSTDIC001

Tgt Ion:105 Resp: 12332

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

8000

6000

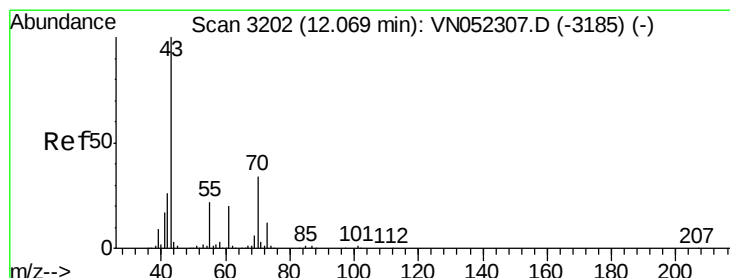
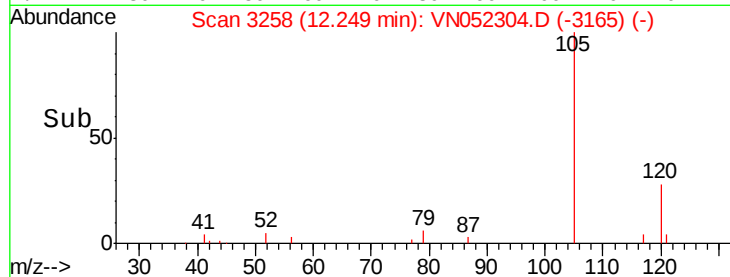
4000

2000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 0.807 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Tgt Ion: 43 Resp: 3573

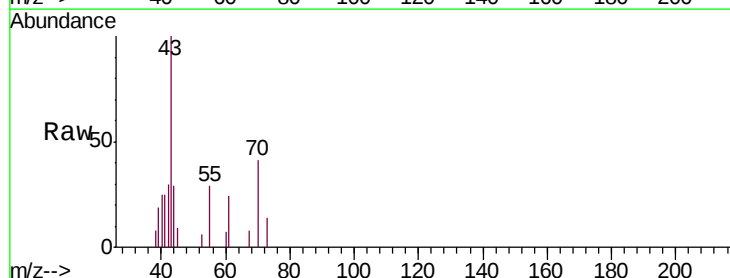
Ion Ratio Lower Upper

43 100

70 40.0 27.1 40.7

55 26.6 17.4 26.0#

61 29.9 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

12.07

4000

3000

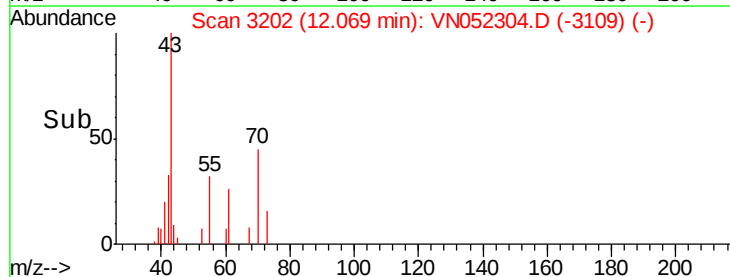
2000

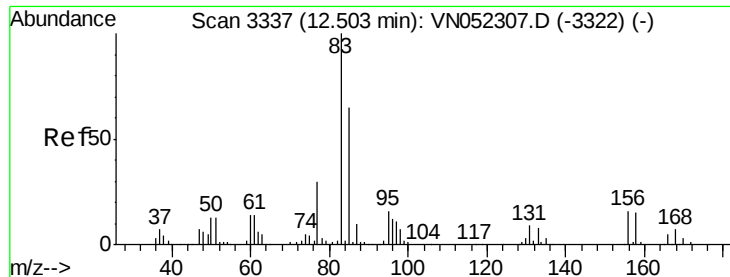
1000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 0.996 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

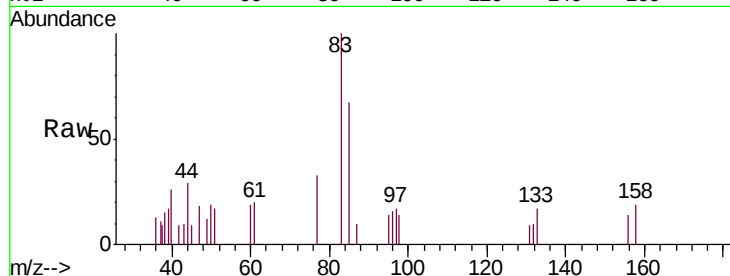
Tgt Ion: 83 Resp: 2994

Ion Ratio Lower Upper

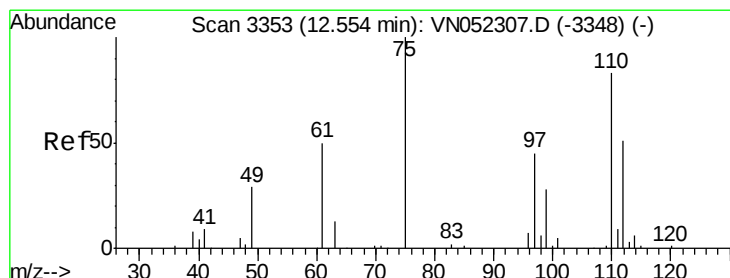
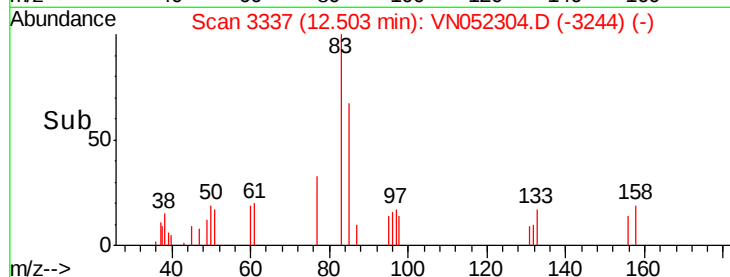
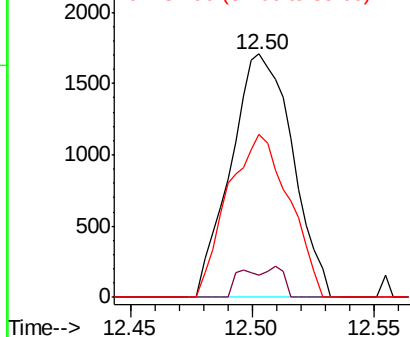
83 100

131 3.8 4.7 14.1#

85 66.8 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: 1.595 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052304.D

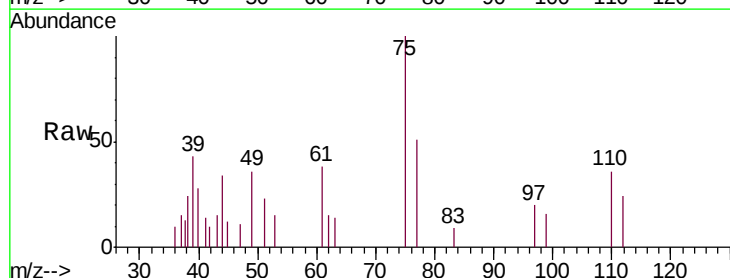
Acq: 14 Nov 2018 10:31

Tgt Ion: 75 Resp: 3880

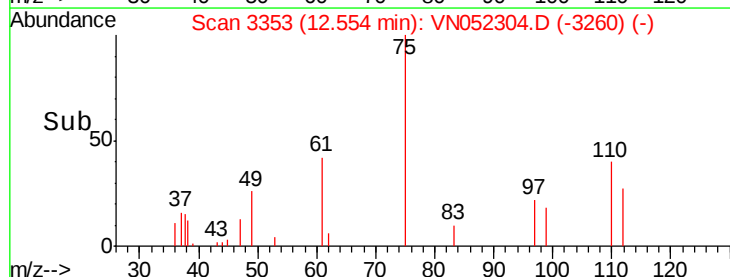
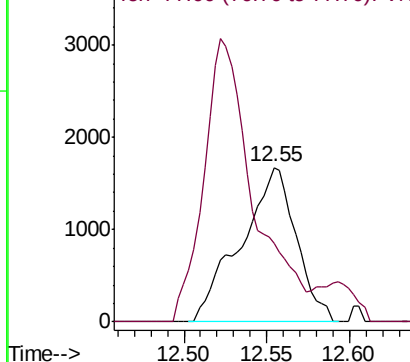
Ion Ratio Lower Upper

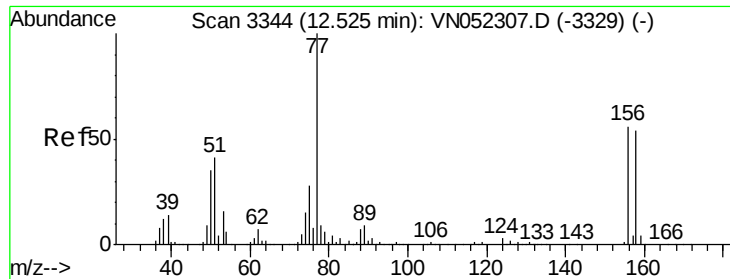
75 100

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: 1.040 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

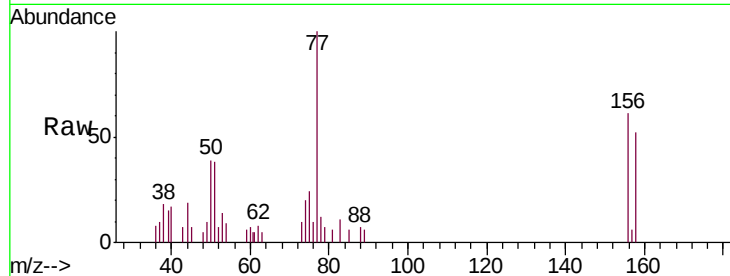
Tgt Ion:156 Resp: 3010

Ion Ratio Lower Upper

156 100

77 214.2 103.6 310.9

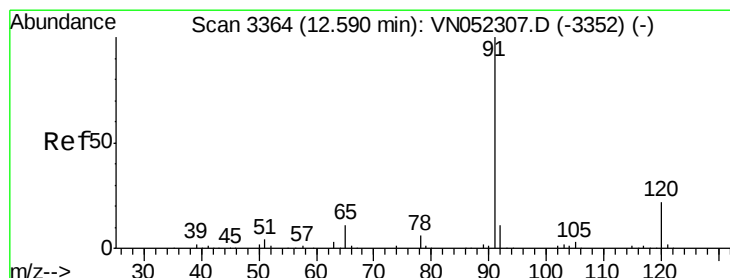
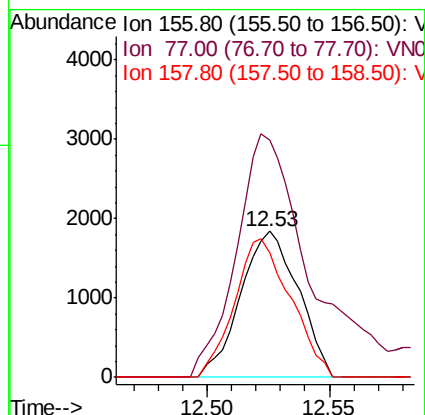
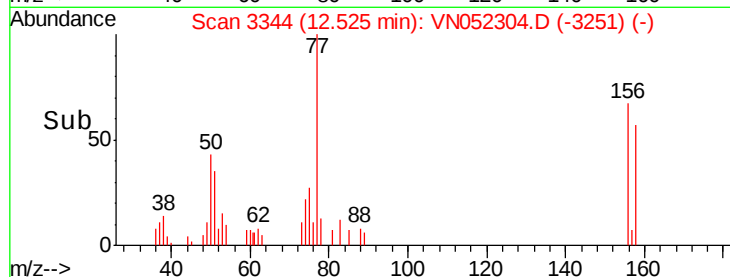
158 92.1 48.1 144.4



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: 0.954 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052304.D

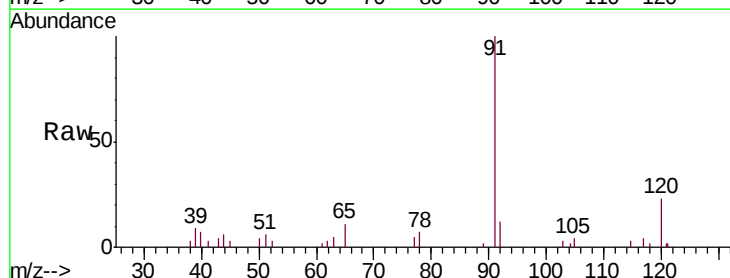
Acq: 14 Nov 2018 10:31

Tgt Ion: 91 Resp: 13878

Ion Ratio Lower Upper

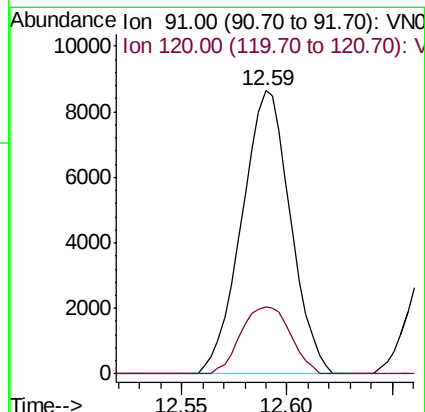
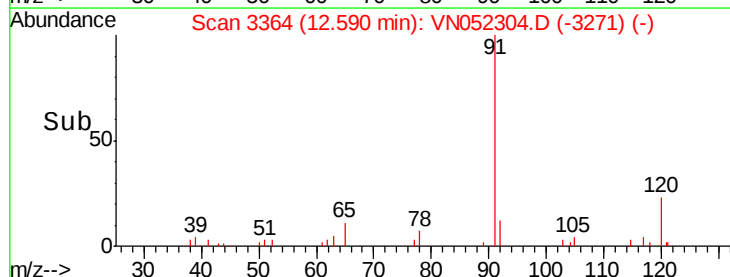
91 100

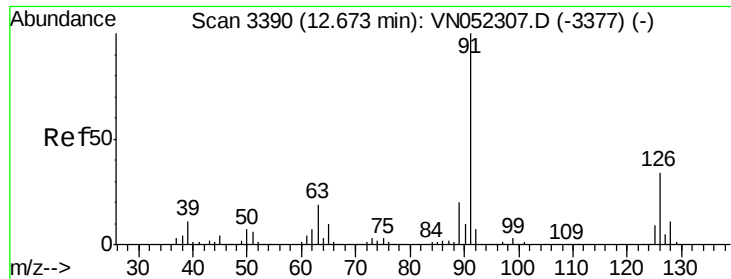
120 24.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.998 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampled :

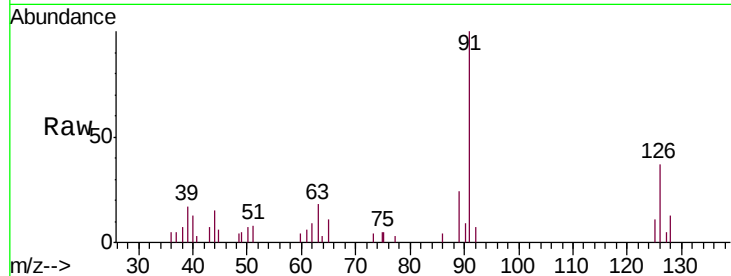
VSTDIC001

Tgt Ion: 91 Resp: 8482

Ion Ratio Lower Upper

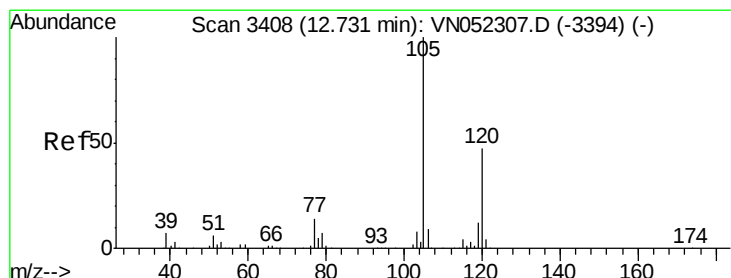
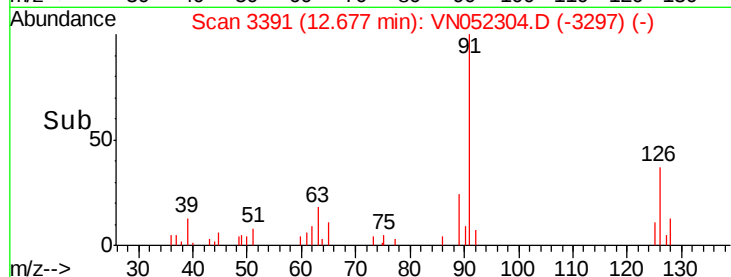
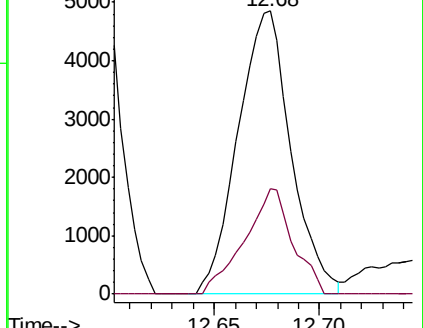
91 100

126 33.8 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN052307.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.902 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052304.D

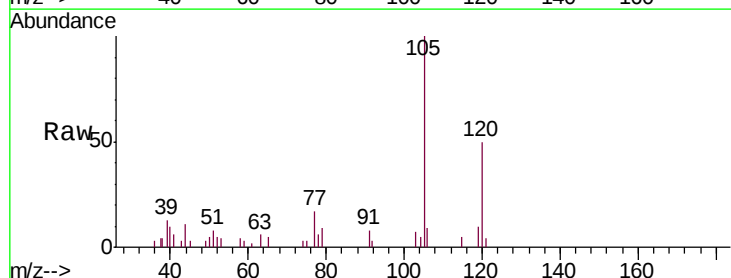
Acq: 14 Nov 2018 10:31

Tgt Ion: 105 Resp: 8918

Ion Ratio Lower Upper

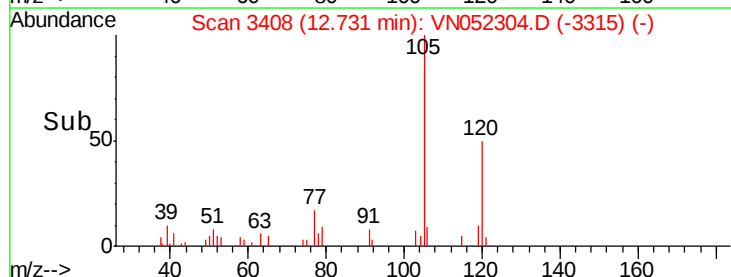
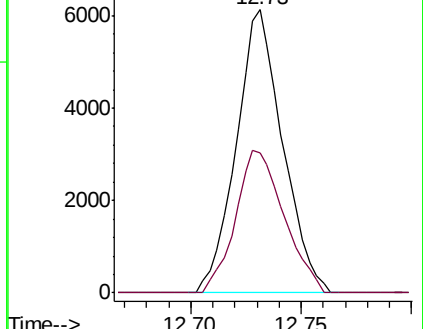
105 100

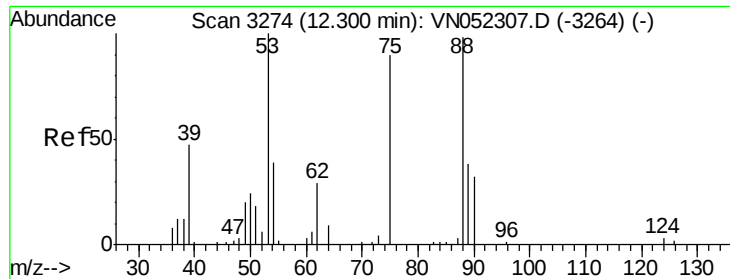
120 52.6 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.849 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

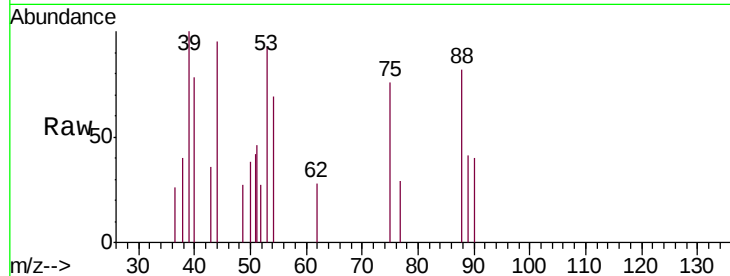
Tgt Ion: 75 Resp: 687

Ion Ratio Lower Upper

75 100

53 159.8 90.2 135.2#

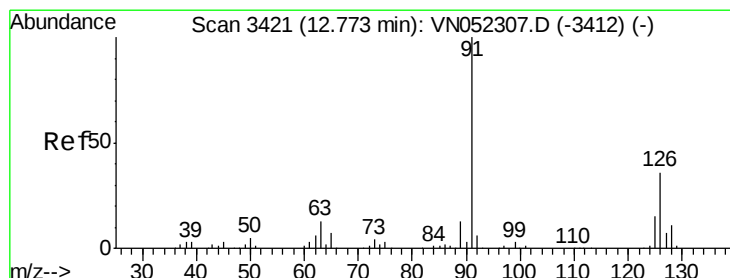
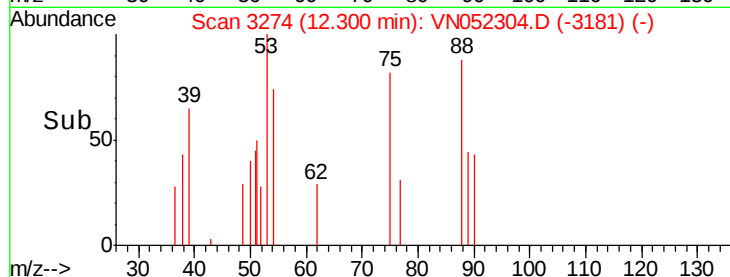
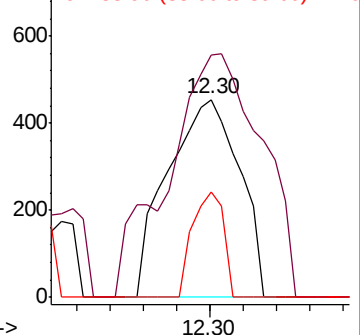
89 22.9 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052307.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052307.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 1.059 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052304.D

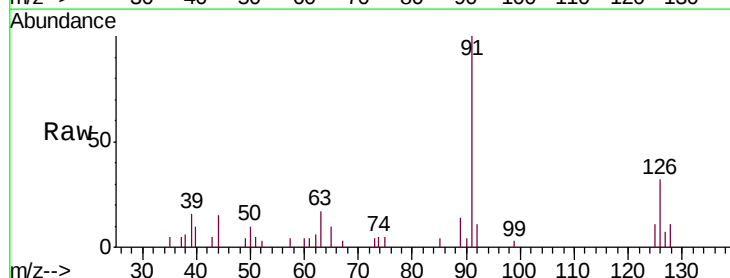
Acq: 14 Nov 2018 10:31

Tgt Ion: 91 Resp: 9219

Ion Ratio Lower Upper

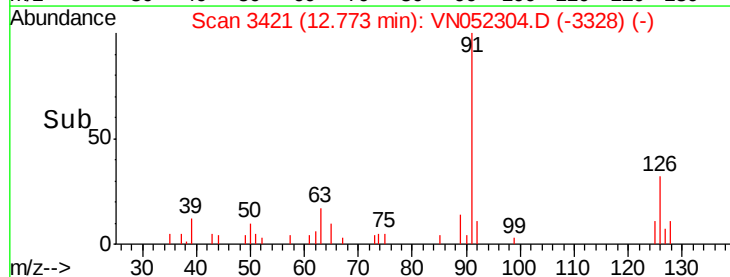
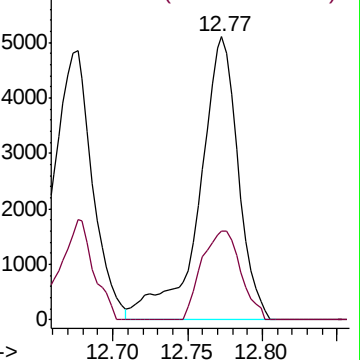
91 100

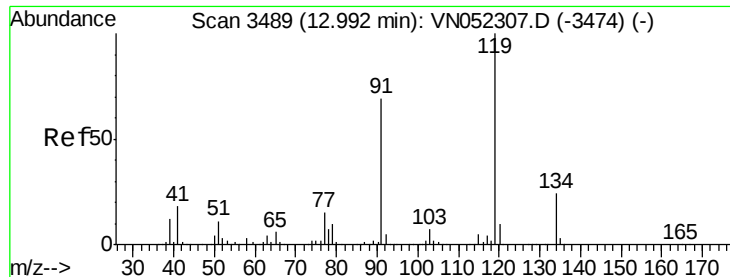
126 31.6 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN052307.D (-3412) (-)

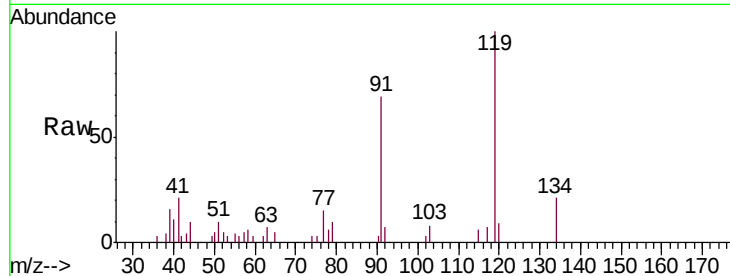




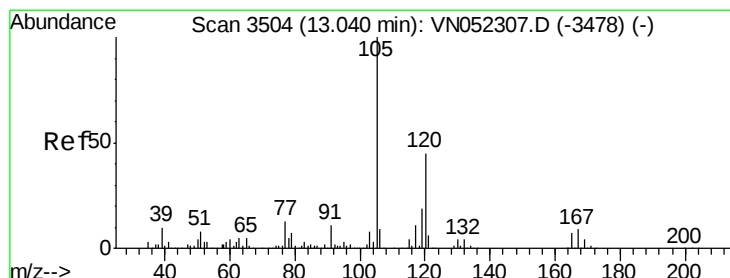
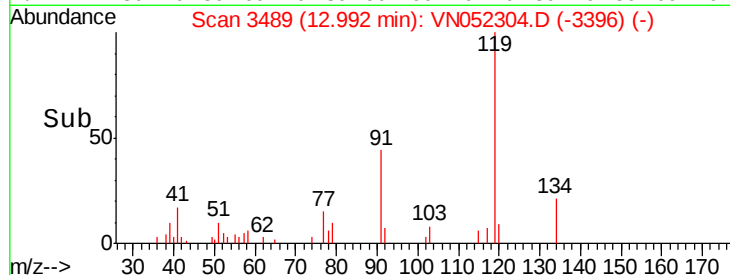
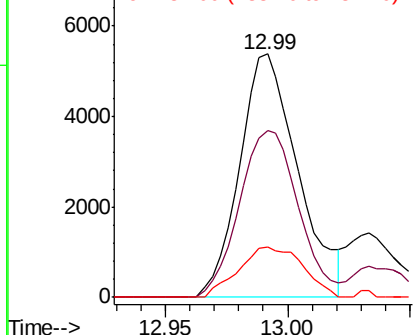
#83
 tert-Butylbenzene
 Concen: 1.023 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 8933
 Ion Ratio Lower Upper
 119 100
 91 69.1 33.8 101.3
 134 22.6 11.9 35.9

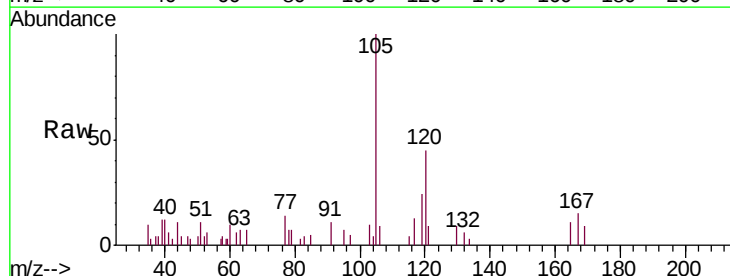


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

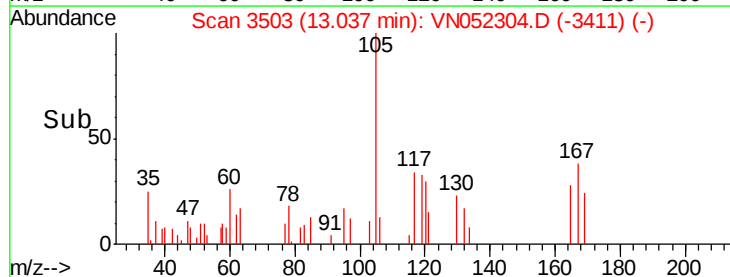
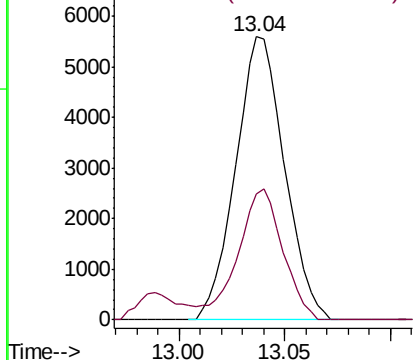


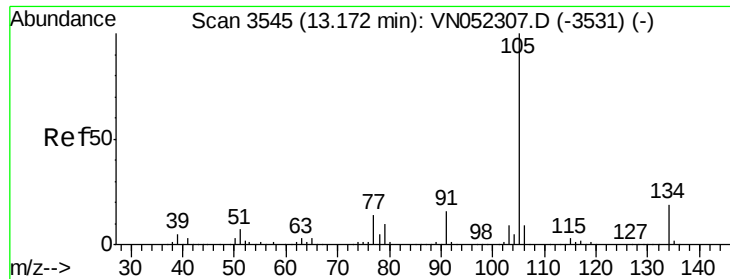
#84
 1,2,4-Trimethylbenzene
 Concen: 0.906 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion:105 Resp: 8995
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

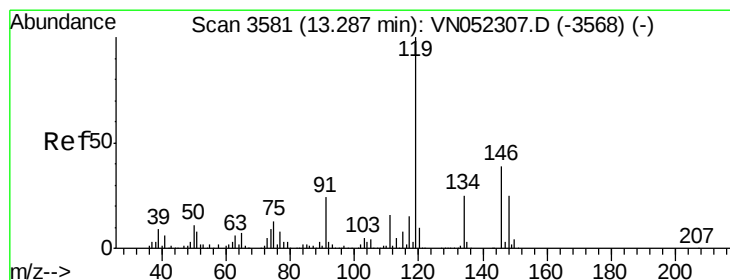
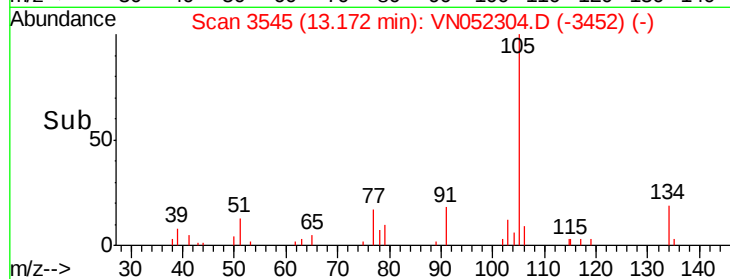
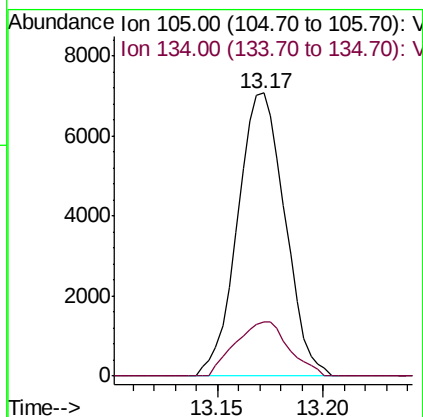
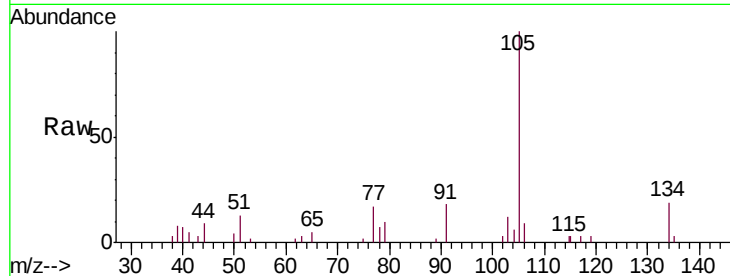




#85
 sec-Butylbenzene
 Concen: 0.926 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

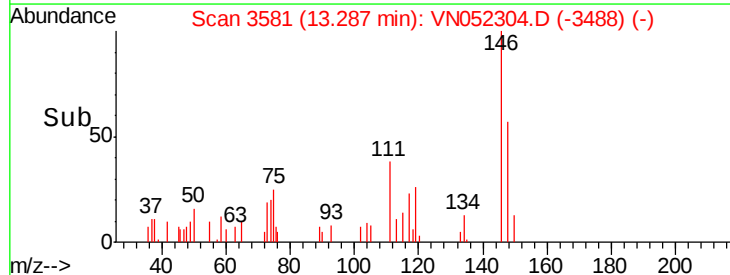
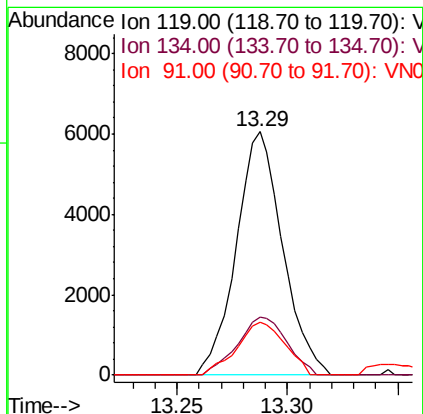
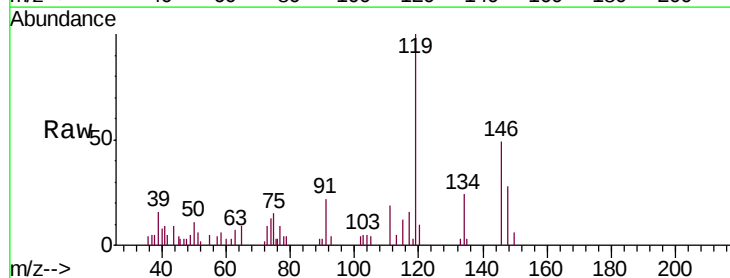
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

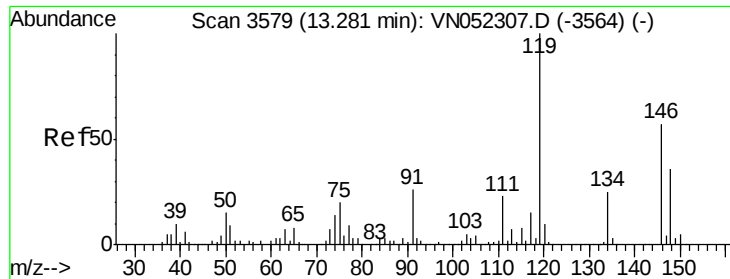
Tgt Ion:105 Resp: 11018
 Ion Ratio Lower Upper
 105 100
 134 21.8 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 0.878 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion:119 Resp: 8846
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 38.9
 91 22.5 12.4 37.0

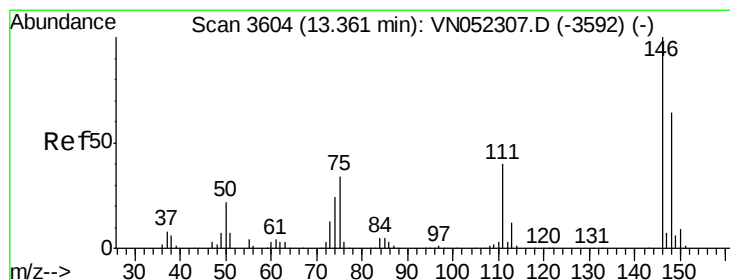
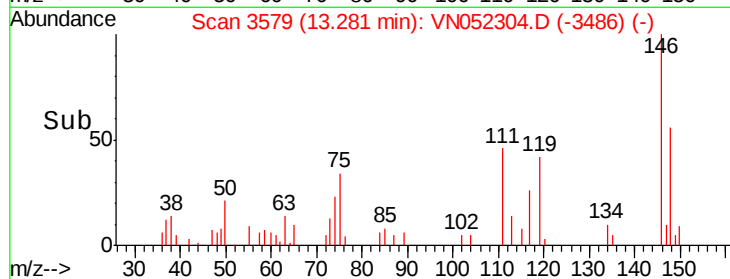
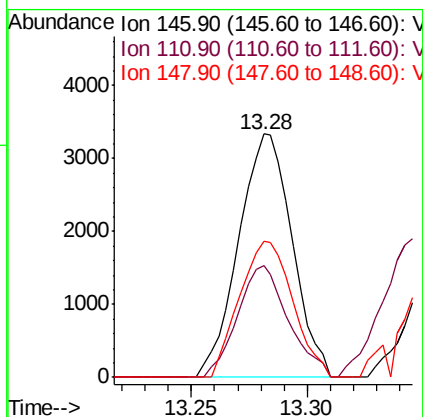
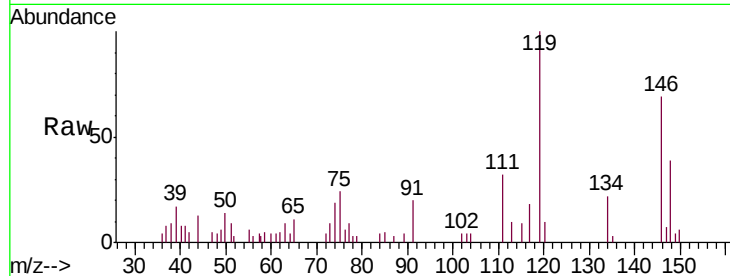




#87
 1,3-Dichlorobenzene
 Concen: 1.040 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

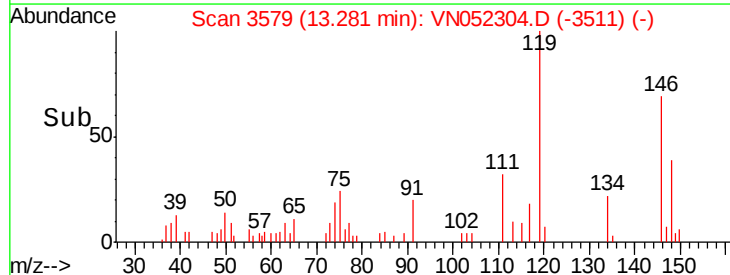
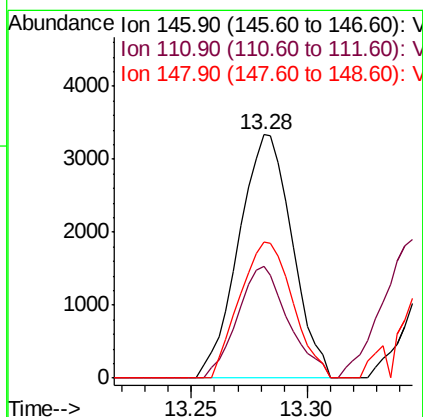
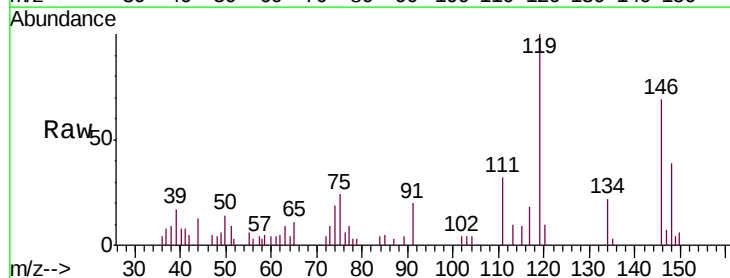
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

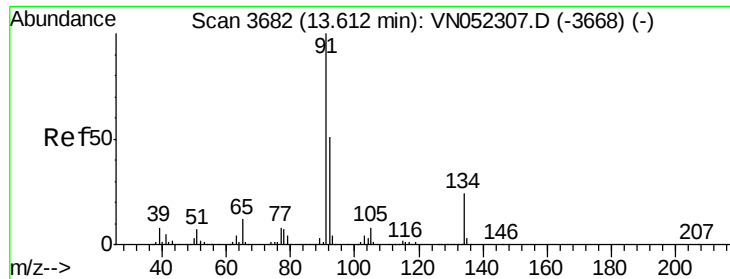
Tgt Ion:146 Resp: 5344
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.3 61.0
 148 55.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 1.046 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion:146 Resp: 5344
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.6 61.8
 148 55.8 32.4 97.2





#89

n-Butylbenzene

Concen: 0.784 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052304.D

Acq: 14 Nov 2018 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

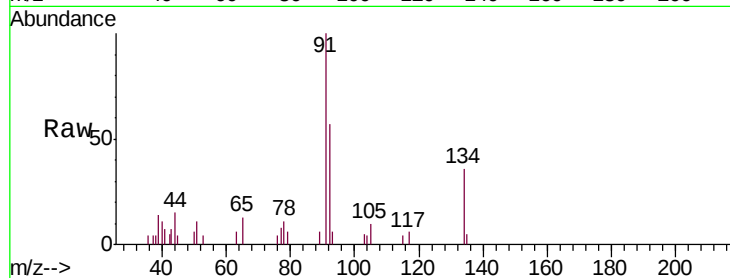
Tgt Ion: 91 Resp: 6786

Ion Ratio Lower Upper

91 100

92 57.7 25.4 76.2

134 30.2 12.2 36.4

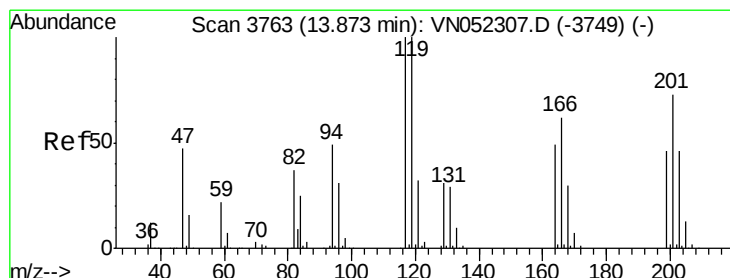
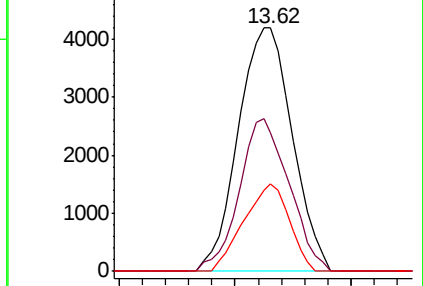
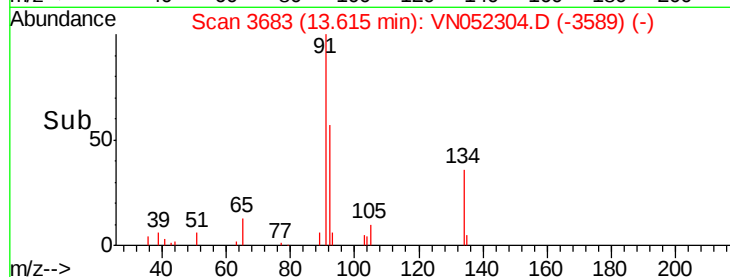


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052307.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052307.D (-3668) (-)

Time--> 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 0.953 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN052304.D

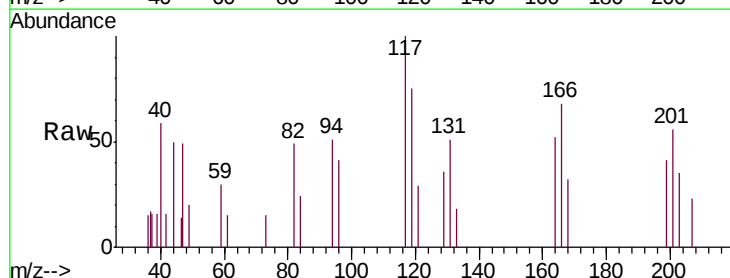
Acq: 14 Nov 2018 10:31

Tgt Ion: 117 Resp: 1701

Ion Ratio Lower Upper

117 100

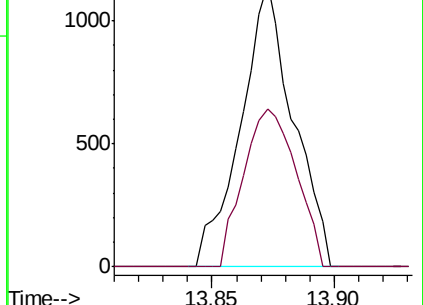
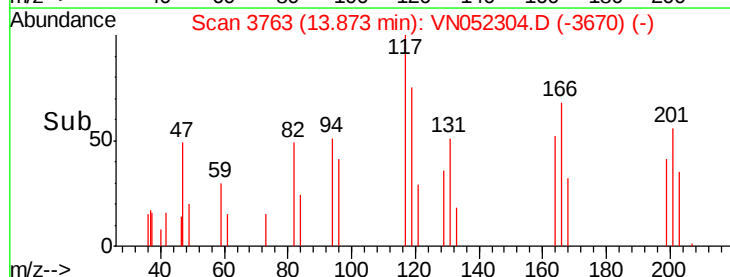
201 56.3 35.3 105.9

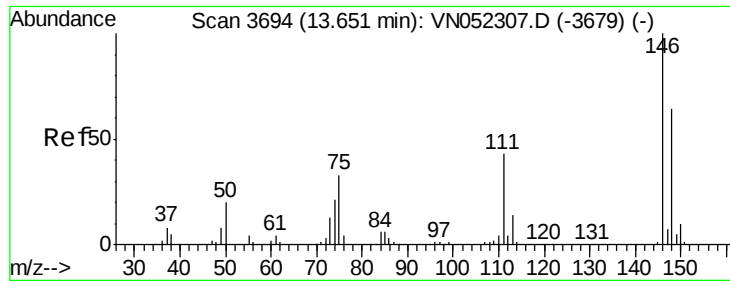


Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052307.D (-3749) (-)

Time--> 13.85 13.90

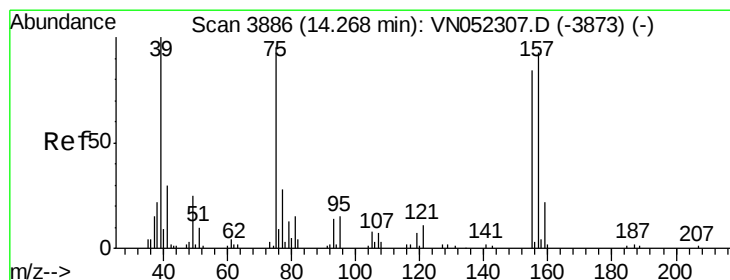
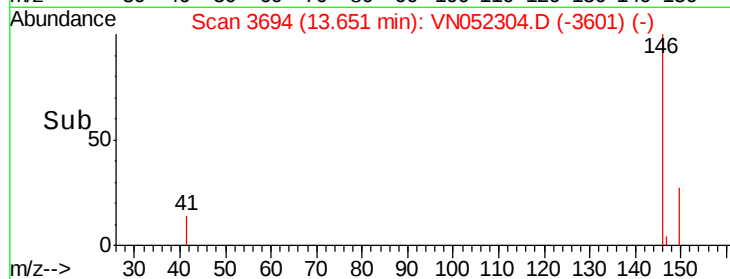
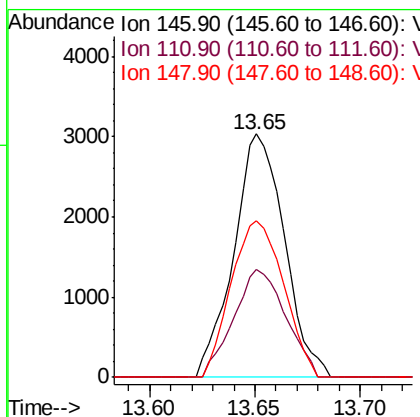
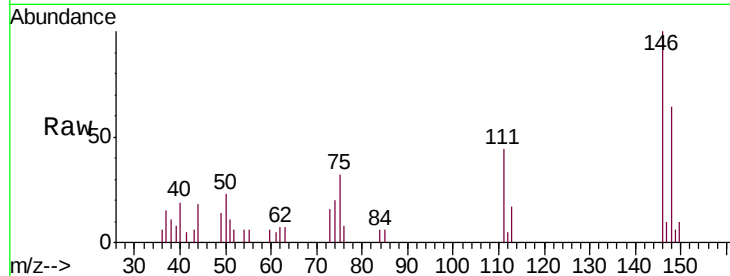




#91
 1,2-Dichlorobenzene
 Concen: 1.016 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

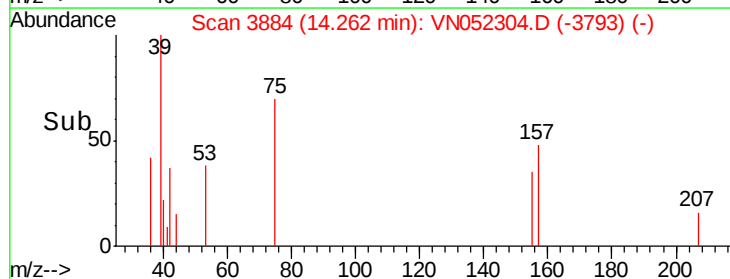
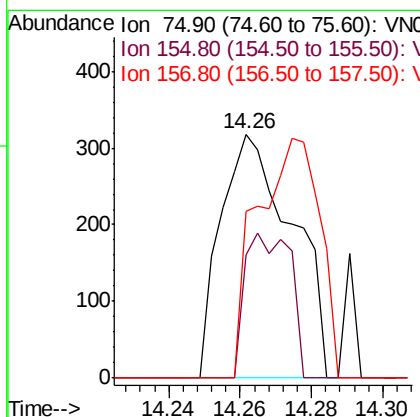
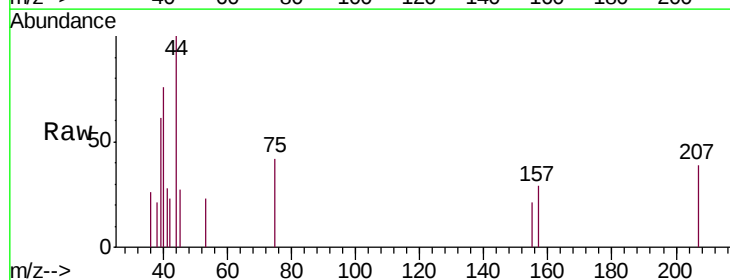
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

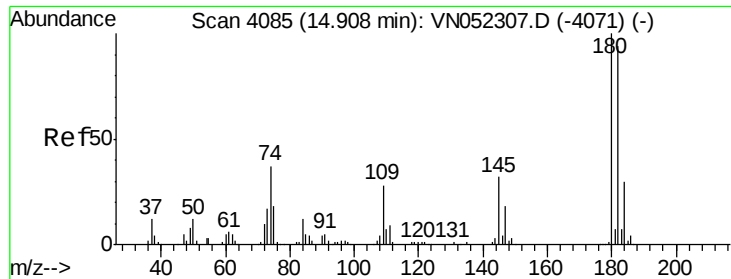
Tgt Ion: 146 Resp: 5061
 Ion Ratio Lower Upper
 146 100
 111 45.4 21.3 63.9
 148 66.6 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.990 ug/l
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.01 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion: 75 Resp: 439
 Ion Ratio Lower Upper
 75 100
 155 37.8 42.4 127.3#
 157 86.1 49.6 149.0

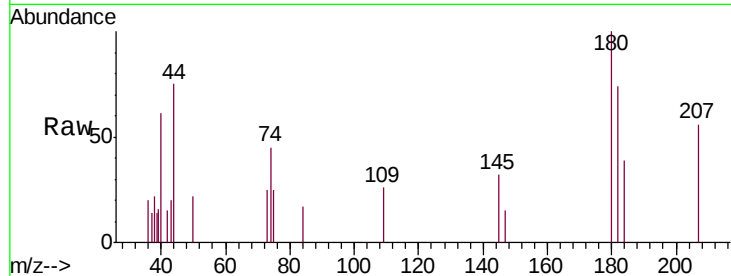




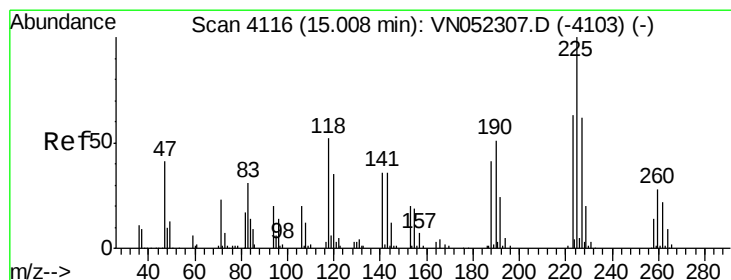
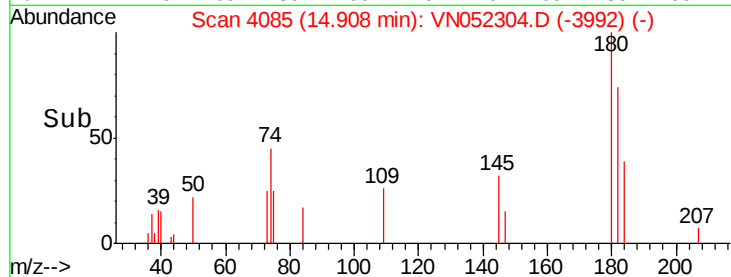
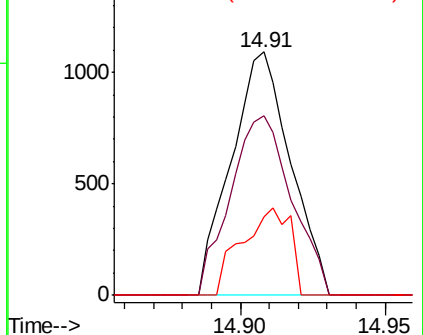
#93
 1,2,4-Trichlorobenzene
 Concen: 0.758 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 1554
 Ion Ratio Lower Upper
 180 100
 182 76.0 47.6 142.9
 145 29.2 15.5 46.5

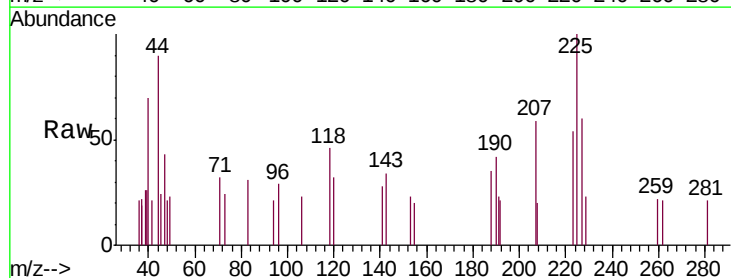


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

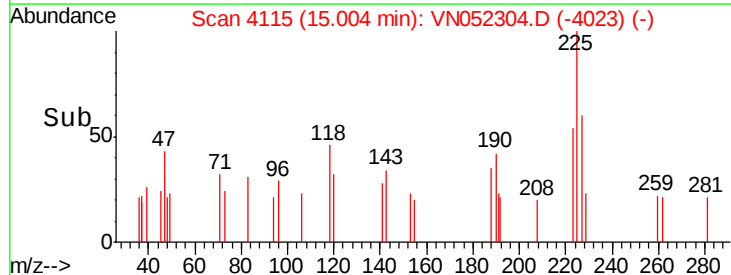
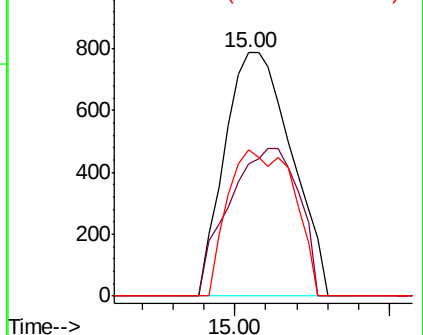


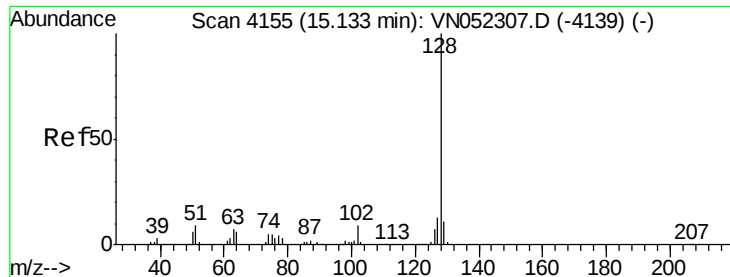
#94
 Hexachlorobutadiene
 Concen: 1.036 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN052304.D
 Acq: 14 Nov 2018 10:31

Tgt Ion:225 Resp: 1181
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.9 95.5
 227 59.1 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

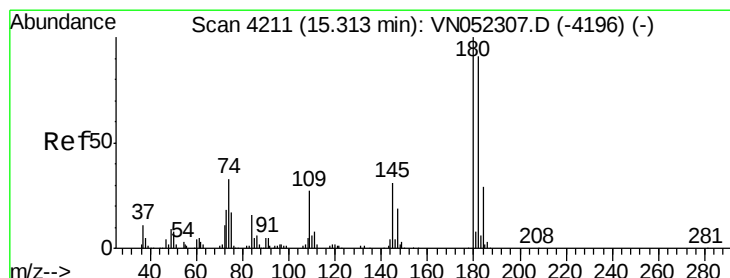
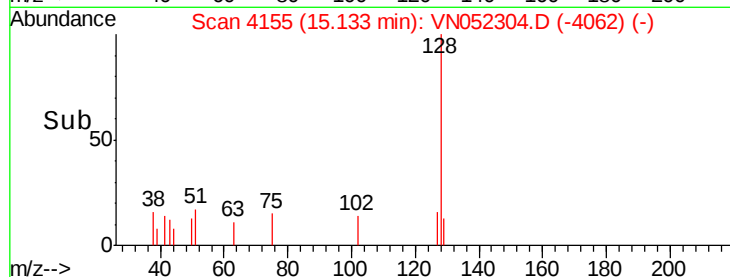
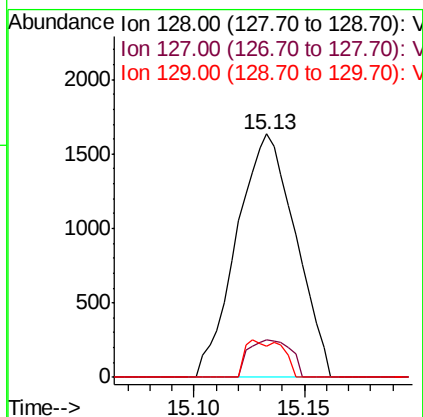
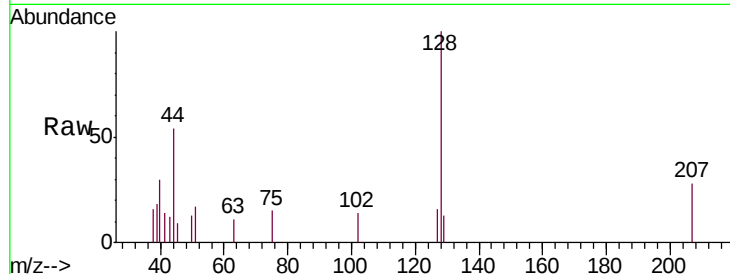




#95
Naphthalene
Concen: 0.655 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 3031
Ion Ratio Lower Upper
128 100
127 11.0 10.4 15.6
129 9.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.887 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052304.D
Acq: 14 Nov 2018 10:31

Tgt Ion:180 Resp: 1679
Ion Ratio Lower Upper
180 100
182 73.4 46.5 139.3
145 25.2 16.4 49.2

