

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051449.D
 Acq On : 24 Sep 2018 10:14
 Operator : MD\SY
 Sample : VN0924WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Quant Time: Sep 25 01:54:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	418156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	570483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	249655	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	254656	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
35) Dibromofluoromethane	7.59	113	225567	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	10.09	98	857160	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	267409	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	72393	18.557	ug/l	99
3) Chloromethane	2.06	50	124884	20.109	ug/l	97
4) Vinyl Chloride	2.18	62	132812	19.377	ug/l	98
5) Bromomethane	2.57	94	87048	21.226	ug/l	98
6) Chloroethane	2.71	64	86546	20.264	ug/l	99
7) Trichlorofluoromethane	3.02	101	183175	20.402	ug/l	98
8) Diethyl Ether	3.41	74	59231	19.345	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	115321	22.760	ug/l	99
10) Methyl Iodide	3.95	142	137423	20.580	ug/l	98
11) Tert butyl alcohol	4.78	59	9708	32.838	ug/l #	68
12) 1,1-Dichloroethene	3.74	96	100317	21.562	ug/l	93
13) Acrolein	3.61	56	27388	93.296	ug/l	100
14) Allyl chloride	4.32	41	165807	21.242	ug/l	99
15) Acrylonitrile	4.99	53	129378	80.450	ug/l	99
16) Acetone	3.82	43	131271	98.158	ug/l	94
17) Carbon Disulfide	4.05	76	299286	21.896	ug/l	99
18) Methyl Acetate	4.33	43	86740	21.743	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	197420	16.455	ug/l	99
20) Methylene Chloride	4.55	84	95909	18.503	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	81887	17.205	ug/l	97
22) Diisopropyl ether	5.95	45	275155	18.236	ug/l	97
23) Vinyl Acetate	5.90	43	832784	84.069	ug/l	99
24) 1,1-Dichloroethane	5.85	63	168845	18.755	ug/l	99
25) 2-Butanone	6.84	43	149256	83.249	ug/l	95
26) 2,2-Dichloropropane	6.82	77	139445	19.843	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	95245	18.238	ug/l	98
28) Bromochloromethane	7.19	49	81564	19.619	ug/l	99
29) Tetrahydrofuran	7.21	42	92536	81.445	ug/l	99
30) Chloroform	7.37	83	169124	18.959	ug/l	99
31) Cyclohexane	7.66	56	143392	17.385	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	147314	19.317	ug/l	99
36) 1,1-Dichloropropene	7.79	75	125587	19.010	ug/l	98
37) Ethyl Acetate	6.93	43	68023	17.908	ug/l	99
38) Carbon Tetrachloride	7.77	117	131657	19.053	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	138526	17.937	ug/l	96
40) Benzene	8.04	78	376771	19.424	ug/l	99
41) Methacrylonitrile	7.17	41	32254	15.349	ug/l	89
42) 1,2-Dichloroethane	8.12	62	121317	19.532	ug/l	99
43) Isopropyl Acetate	8.16	43	127166	18.514	ug/l	96
44) Trichloroethene	8.84	130	97761	18.975	ug/l	100
45) 1,2-Dichloropropane	9.12	63	102743	19.485	ug/l	98
46) Dibromomethane	9.21	93	57697	19.366	ug/l	99
47) Bromodichloromethane	9.40	83	128151	19.437	ug/l	98
48) Methyl methacrylate	9.20	41	61947	18.090	ug/l	95
49) 1,4-Dioxane	9.20	88	14148	337.115	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	330505	87.495	ug/l	98
52) Toluene	10.16	92	232873	19.318	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	122402	18.389	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	142499	18.461	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	79835	18.739	ug/l	95
56) Ethyl methacrylate	10.43	69	89199	17.125	ug/l	98
57) 1,3-Dichloropropane	10.71	76	136974	18.758	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	200859	85.818	ug/l	99
59) 2-Hexanone	10.75	43	208884	85.302	ug/l	97
60) Dibromochloromethane	10.90	129	97340	19.365	ug/l	97
61) 1,2-Dibromoethane	11.00	107	77417	18.719	ug/l	99
64) Tetrachloroethene	10.63	164	98153	20.615	ug/l	95
65) Chlorobenzene	11.43	112	250749	18.629	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	98158	19.140	ug/l	100
67) Ethyl Benzene	11.51	91	412369	18.178	ug/l	99
68) m/p-Xylenes	11.62	106	325173	37.059	ug/l	99
69) o-Xylene	11.95	106	151328	17.940	ug/l	98
70) Styrene	11.96	104	237768	17.788	ug/l	98
71) Bromoform	12.12	173	61987	17.813	ug/l #	100
73) Isopropylbenzene	12.25	105	414651	19.685	ug/l	98
74) N-amyl acetate	12.07	43	87363	16.530	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	94551	19.249	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	112687	27.190	ug/l #	100
77) Bromobenzene	12.53	156	103457	19.402	ug/l	98
78) n-propylbenzene	12.59	91	462319	19.474	ug/l	99
79) 2-Chlorotoluene	12.67	91	279569	19.674	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	343497	19.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	23645	17.543	ug/l	96
82) 4-Chlorotoluene	12.77	91	275802	19.446	ug/l	98
83) tert-Butylbenzene	12.99	119	299545	19.593	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	348469	20.134	ug/l	98
85) sec-Butylbenzene	13.17	105	407187	19.688	ug/l	100
86) p-Isopropyltoluene	13.29	119	345194	19.289	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	174285	18.887	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	164808	18.562	ug/l	99
89) n-Butylbenzene	13.61	91	257144	17.473	ug/l	99
90) Hexachloroethane	13.87	117	68850	19.309	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	168686	18.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12234	17.452	ug/l	96

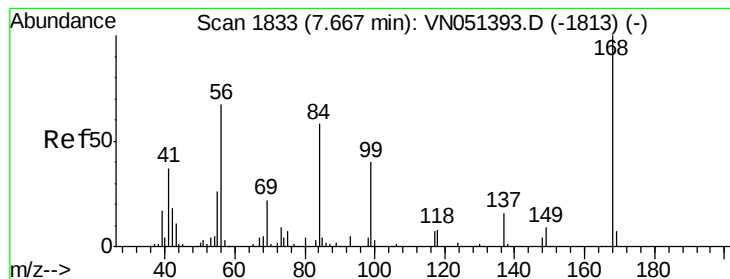
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	63865	17.630	ug/l	97
94) Hexachlorobutadiene	15.01	225	66364	19.590	ug/l	98
95) Naphthalene	15.13	128	93253	16.474	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	64324	14.970	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

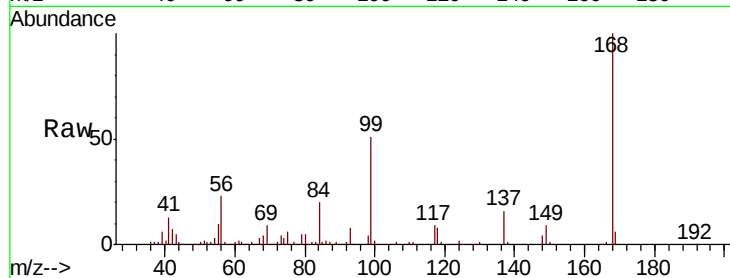
VN0924WBS01

Tot Ion:168 Resp: 418156

Ion Ratio Lower Upper

168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

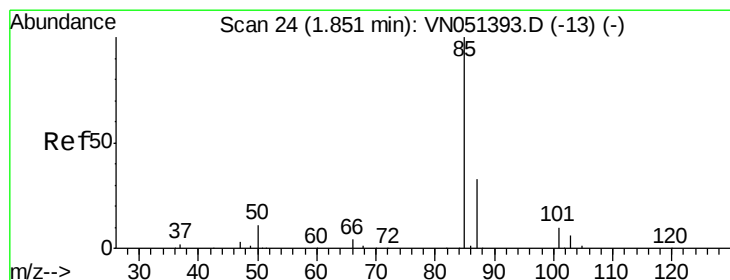
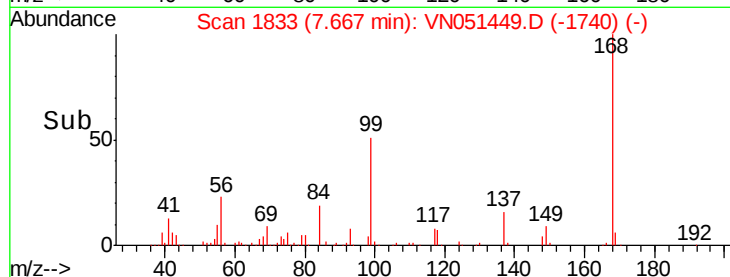
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.557 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051449.D

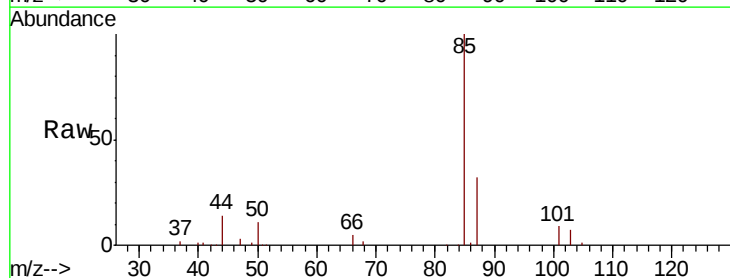
Acq: 24 Sep 2018 10:14

Tgt Ion: 85 Resp: 72393

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

60000

50000

40000

30000

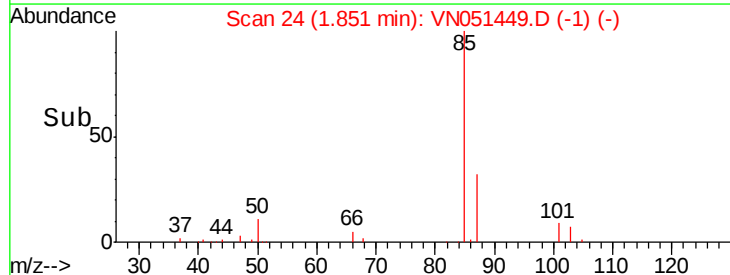
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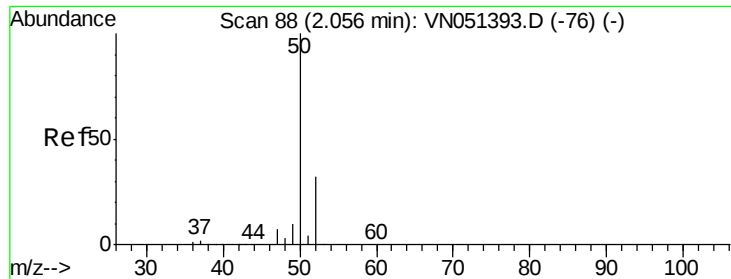
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.109 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

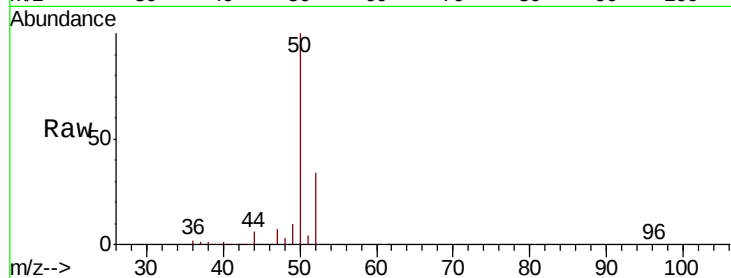
VN0924WBS01

Tot Ion: 50 Resp: 124884

Ion Ratio Lower Upper

50 100

52 33.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

100000

80000

60000

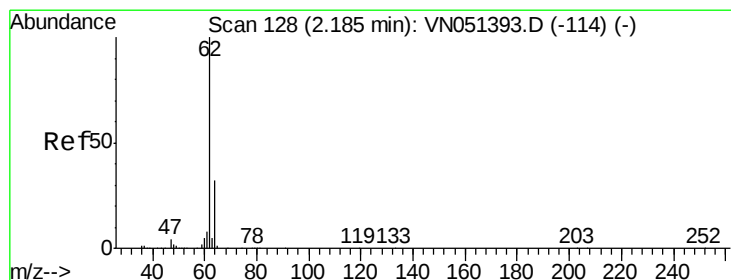
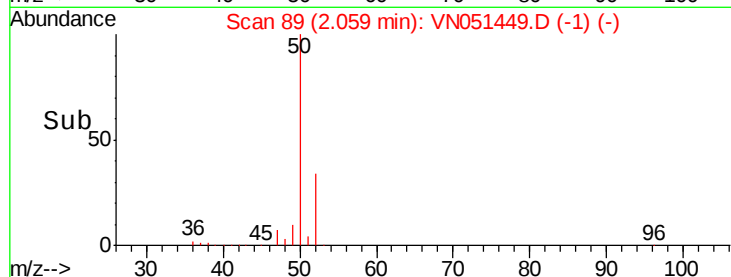
40000

20000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 19.377 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051449.D

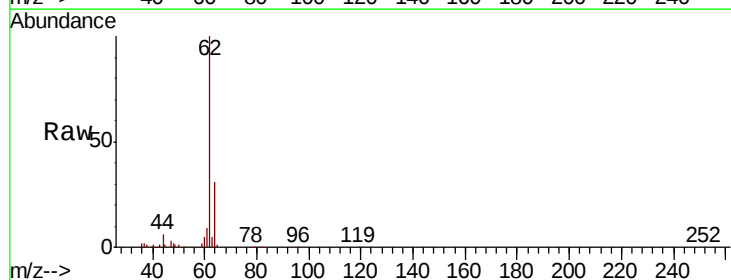
Acq: 24 Sep 2018 10:14

Tgt Ion: 62 Resp: 132812

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

100000

80000

60000

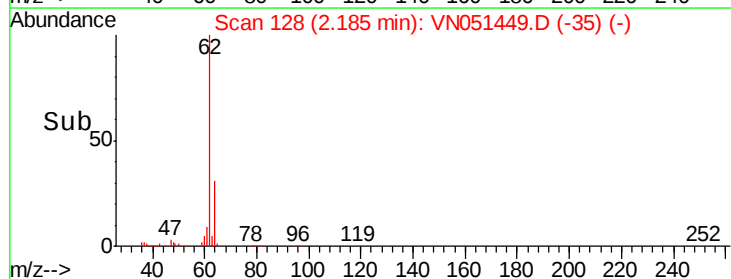
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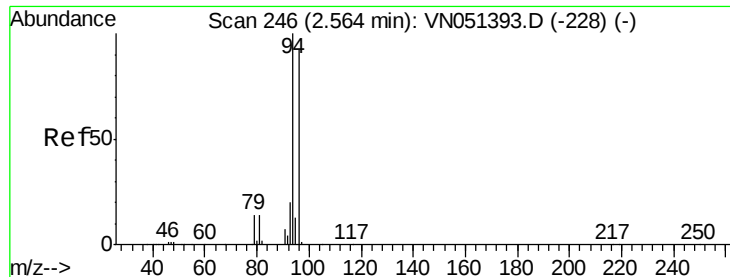
20000

0

Time-->

2.15 2.20 2.25





#5

Bromomethane

Concen: 21.226 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

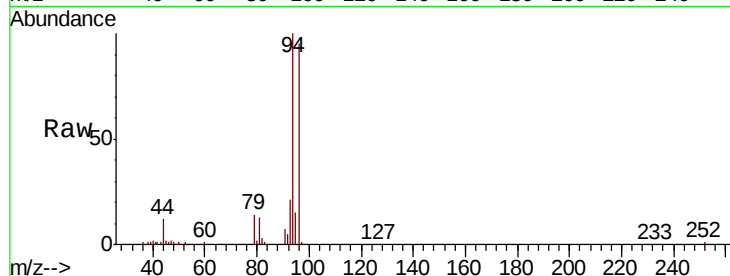
VN0924WBS01

Tot Ion: 94 Resp: 87048

Ion Ratio Lower Upper

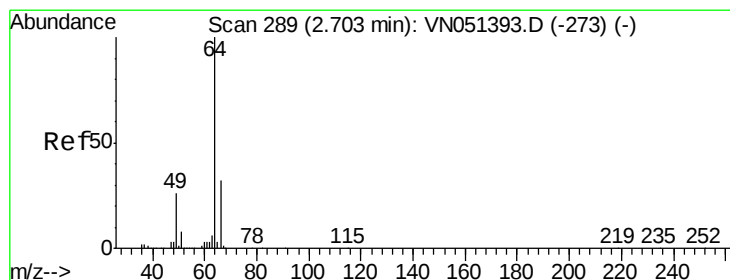
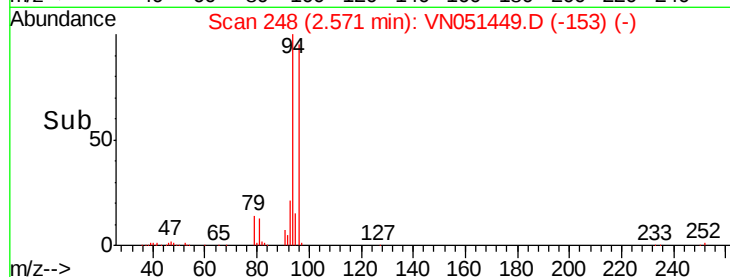
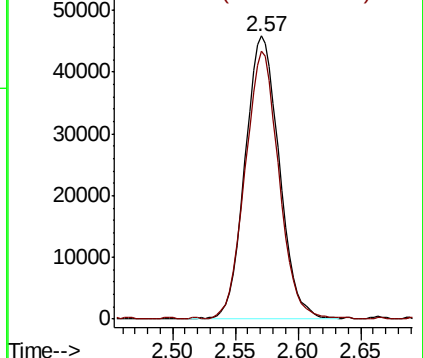
94 100

96 94.2 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.264 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051449.D

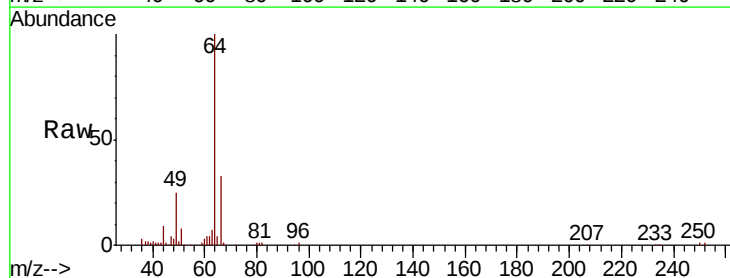
Acq: 24 Sep 2018 10:14

Tgt Ion: 64 Resp: 86546

Ion Ratio Lower Upper

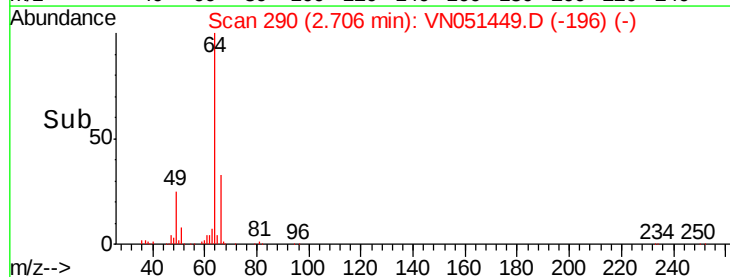
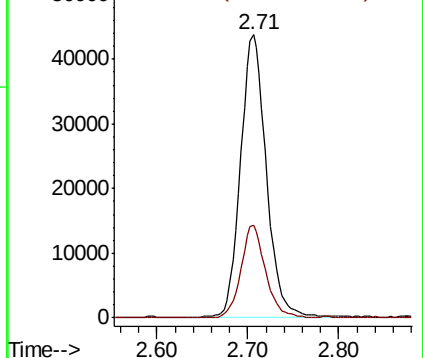
64 100

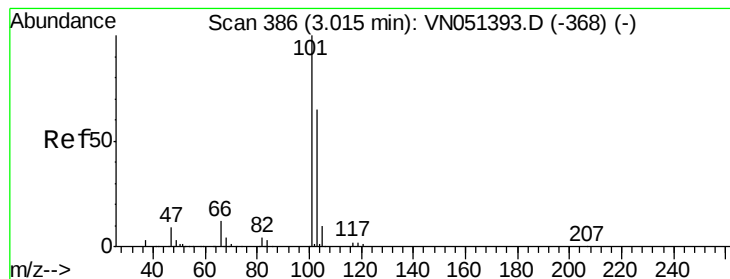
66 32.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



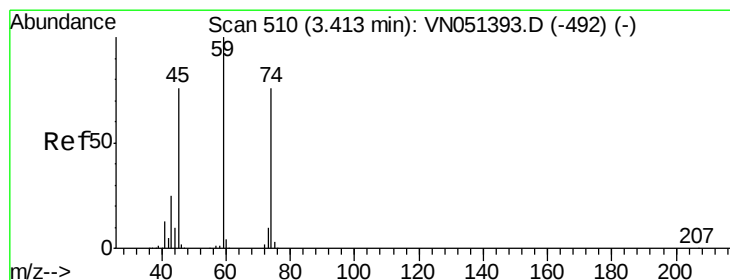
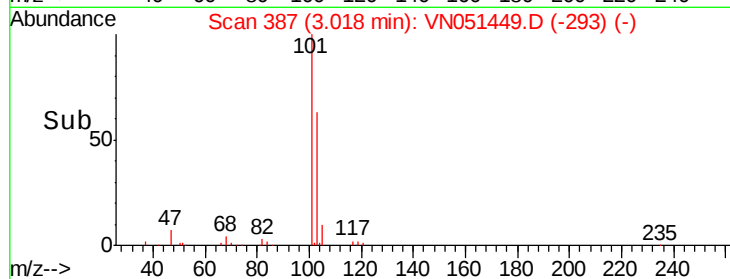
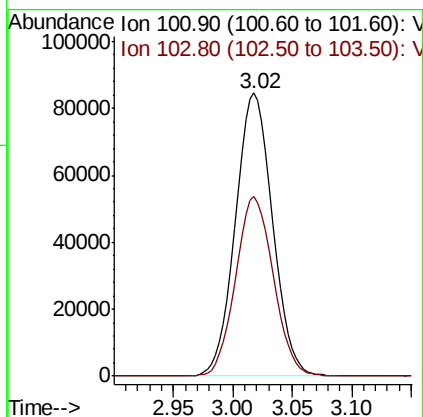
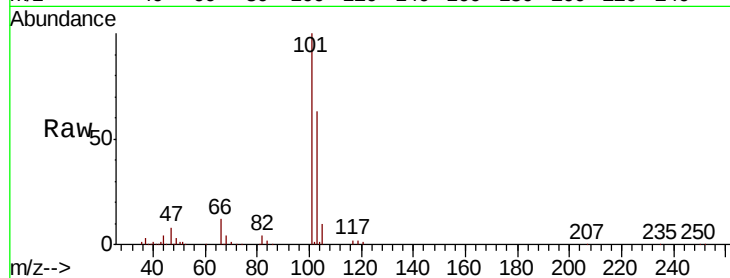


#7

Trichlorofluoromethane
 Concen: 20.402 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

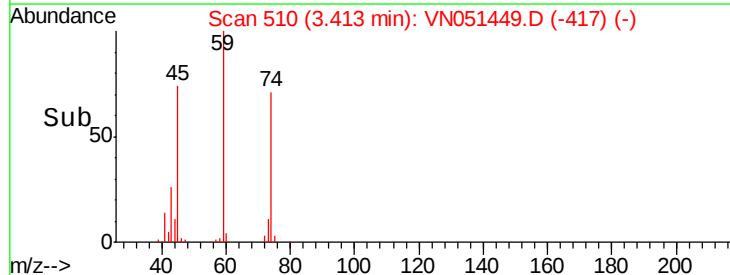
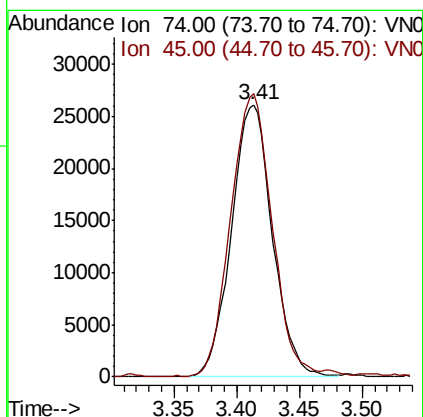
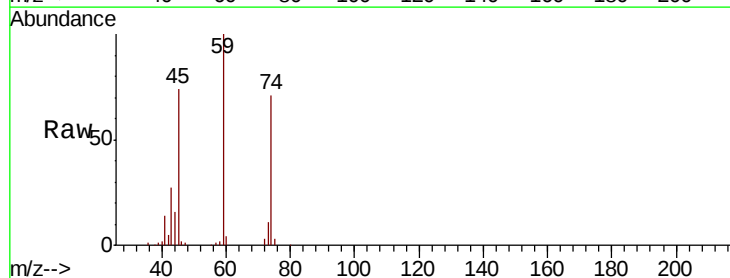
Tot Ion:101 Resp: 183175
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.8 77.8

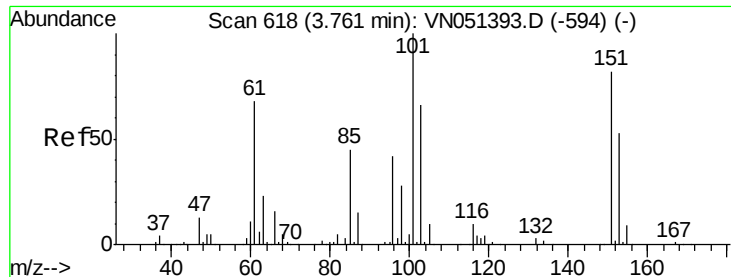


#8

Diethyl Ether
 Concen: 19.345 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Tgt Ion: 74 Resp: 59231
 Ion Ratio Lower Upper
 74 100
 45 105.1 50.2 150.7

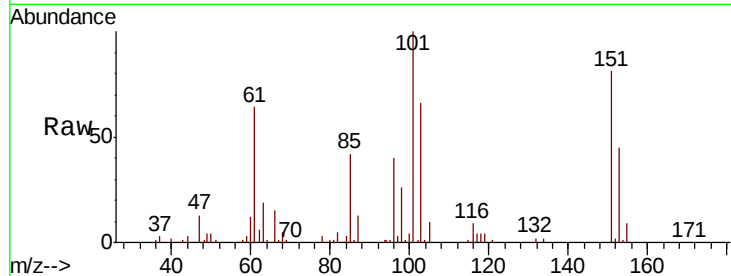




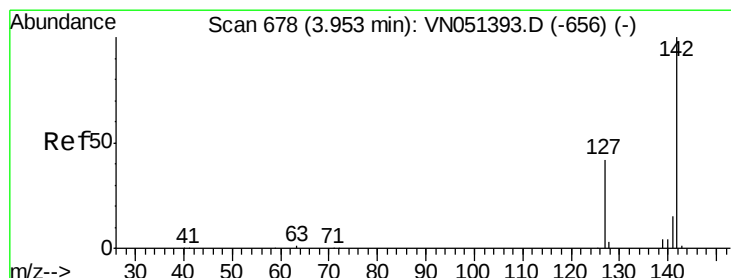
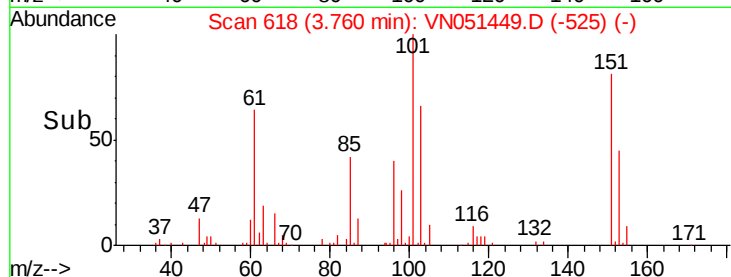
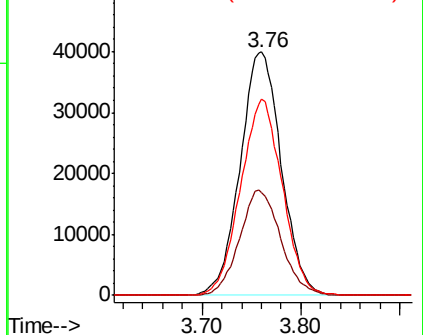
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.760 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Instrument :
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 ClientSampleId :
 VN0924WBS01

Tot Ion:101 Resp: 115321
 Ion Ratio Lower Upper
 101 100
 85 43.2 33.9 50.9
 151 81.7 65.2 97.8

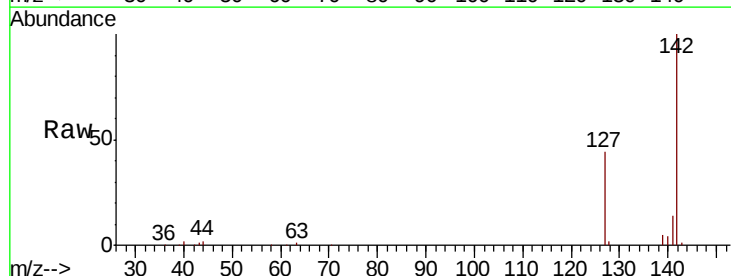


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

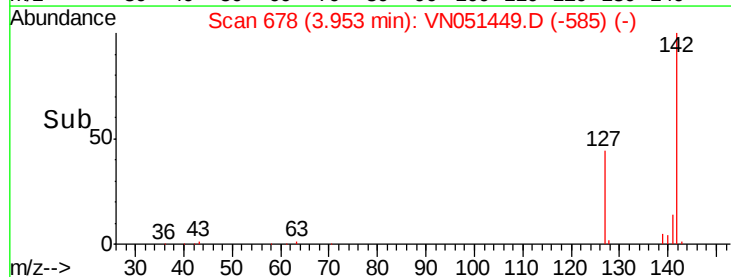
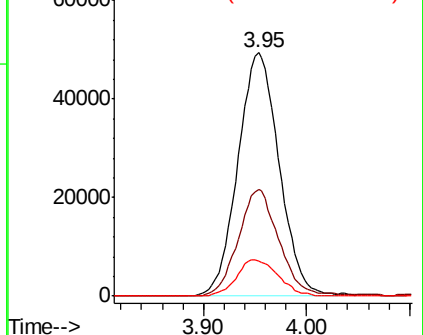


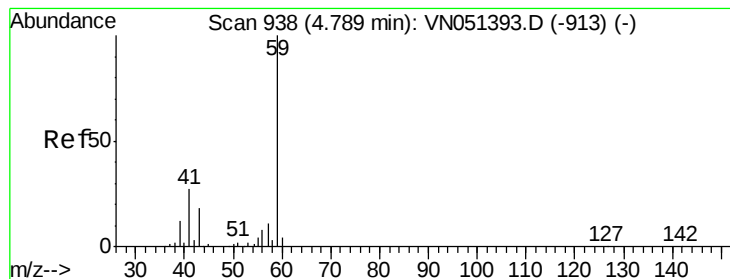
#10
 Methyl Iodide
 Concen: 20.580 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Tgt Ion:142 Resp: 137423
 Ion Ratio Lower Upper
 142 100
 127 42.7 33.2 49.8
 141 15.0 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



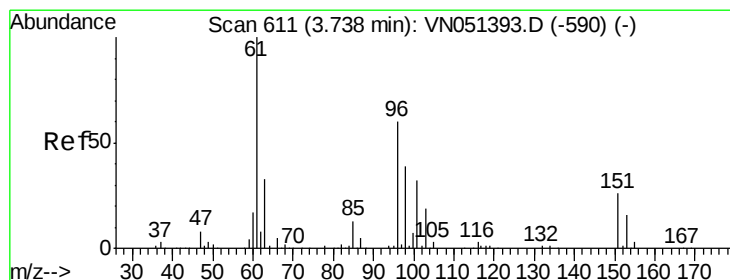
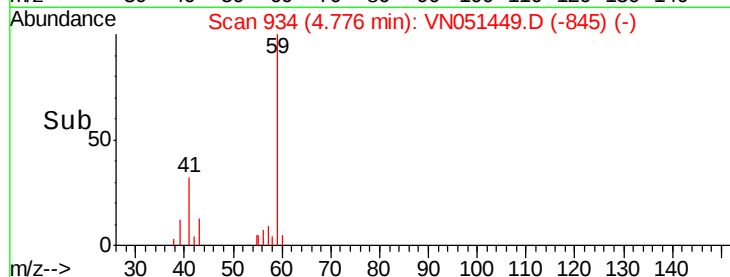
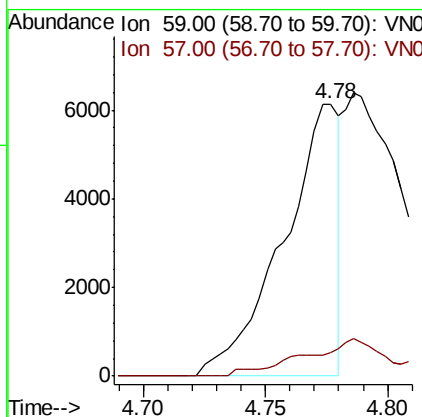
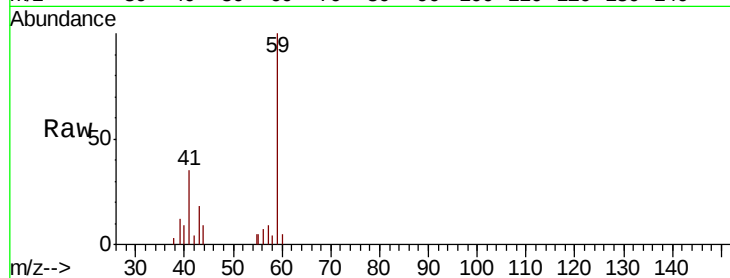


#11

Tert butyl alcohol
 Concen: 32.838 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

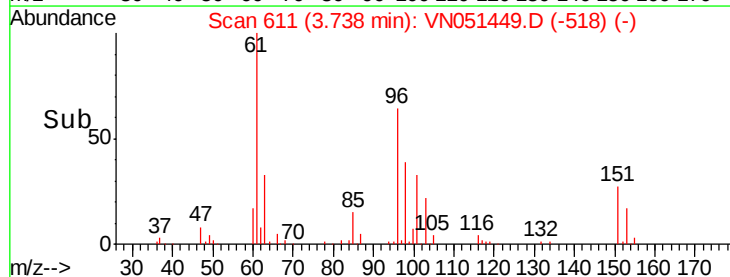
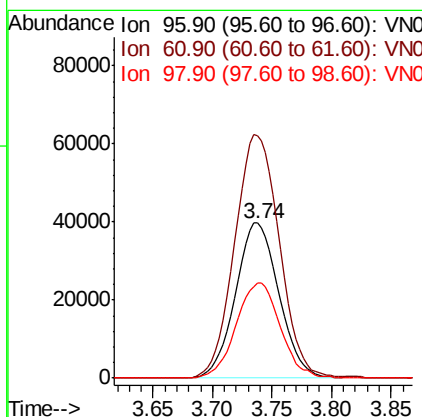
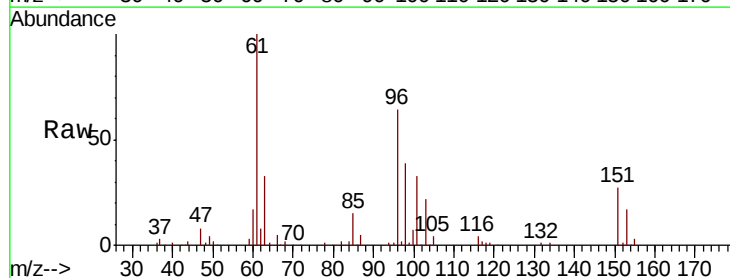
Tot Ion: 59 Resp: 9708
 Ion Ratio Lower Upper
 59 100
 57 19.0 6.2 9.2#

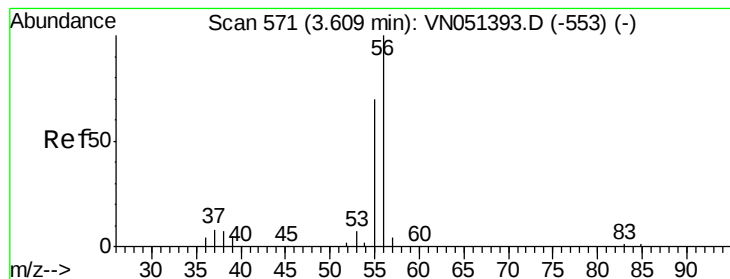


#12

1,1-Dichloroethene
 Concen: 21.562 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Tgt Ion: 96 Resp: 100317
 Ion Ratio Lower Upper
 96 100
 61 156.4 133.6 200.4
 98 60.9 52.2 78.2





#13

Acrolein

Concen: 93.296 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

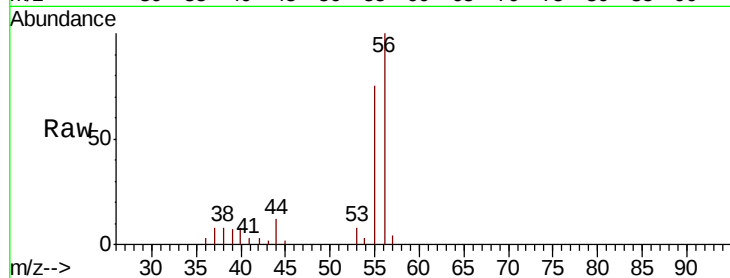
VN0924WBS01

Tot Ion: 56 Resp: 27388

Ion Ratio Lower Upper

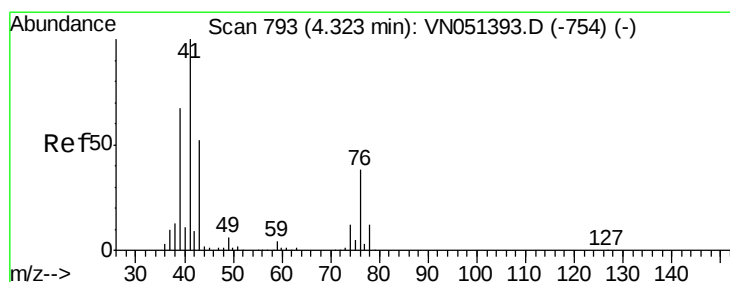
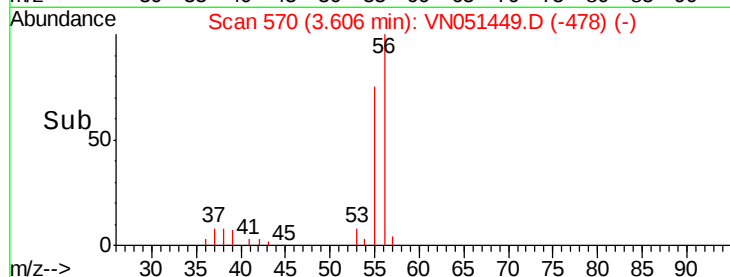
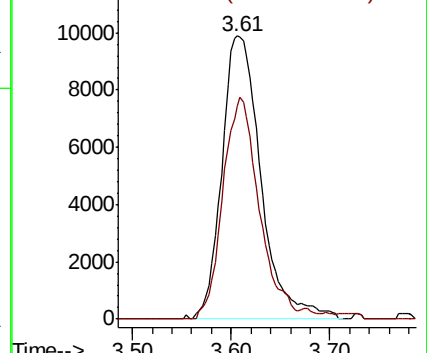
56 100

55 72.6 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 21.242 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

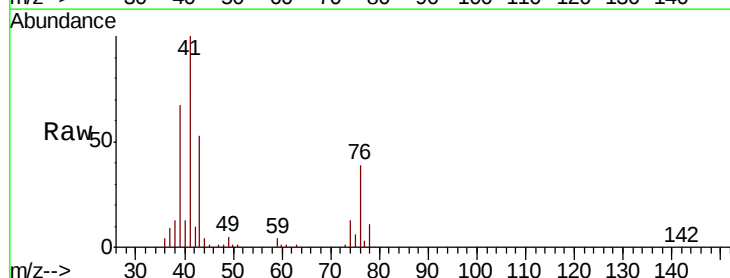
Tgt Ion: 41 Resp: 165807

Ion Ratio Lower Upper

41 100

39 63.7 51.4 77.2

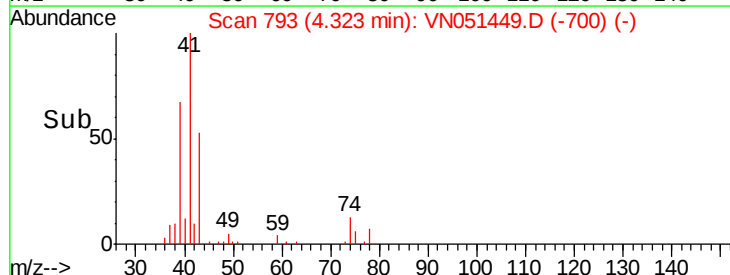
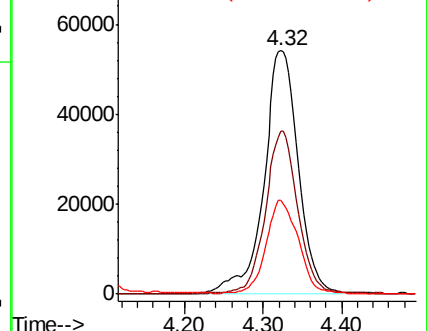
76 36.5 28.1 42.1



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 80.450 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

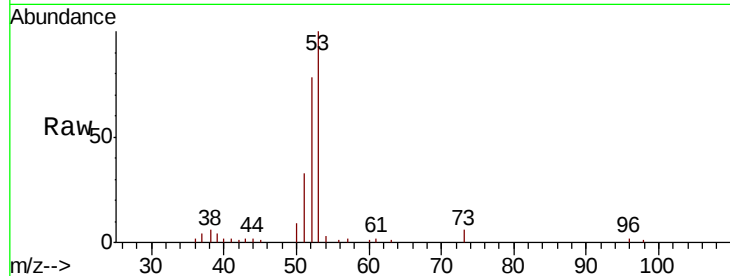
Tot Ion: 53 Resp: 129378

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.2

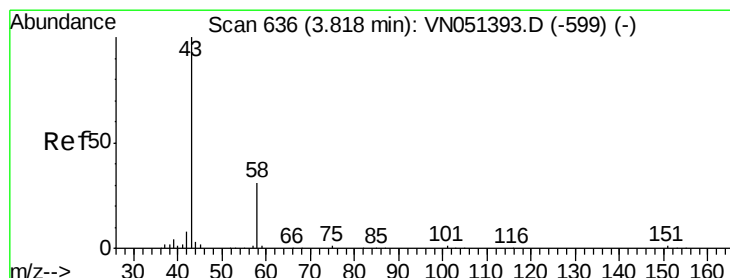
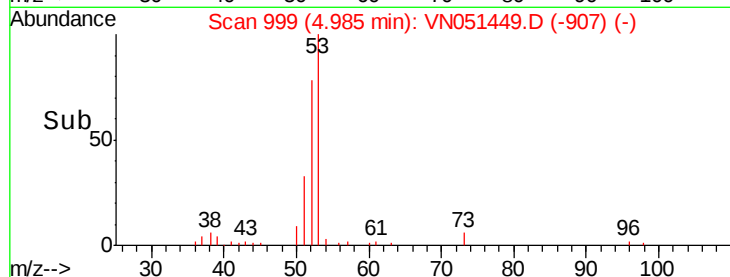
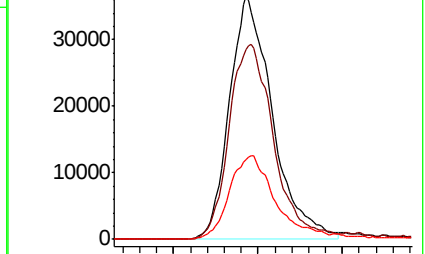
51 36.7 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VN051393.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN051393.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN051393.D (-976) (-)



#16

Acetone

Concen: 98.158 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051449.D

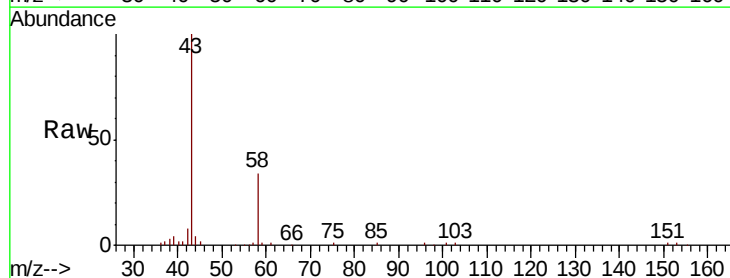
Acq: 24 Sep 2018 10:14

Tgt Ion: 43 Resp: 131271

Ion Ratio Lower Upper

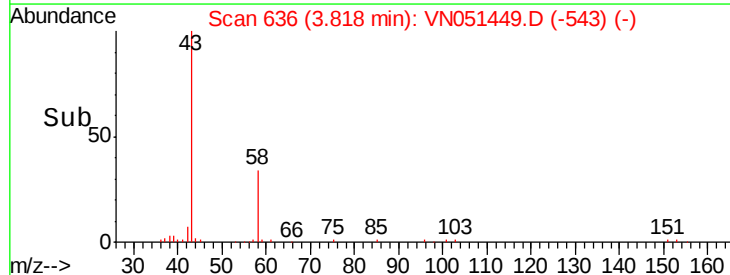
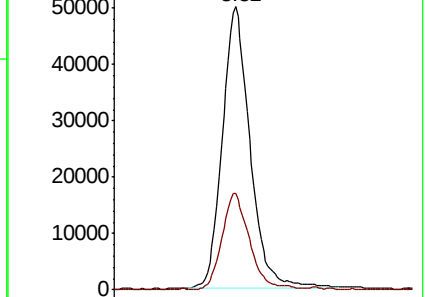
43 100

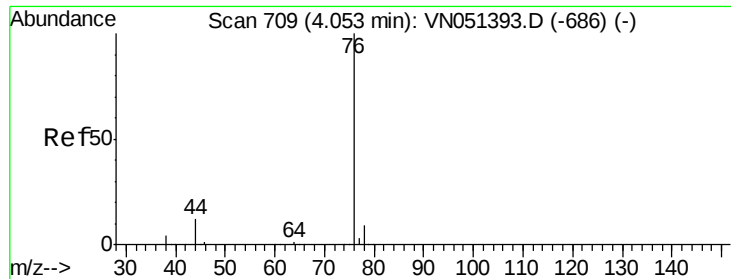
58 34.2 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-599) (-)

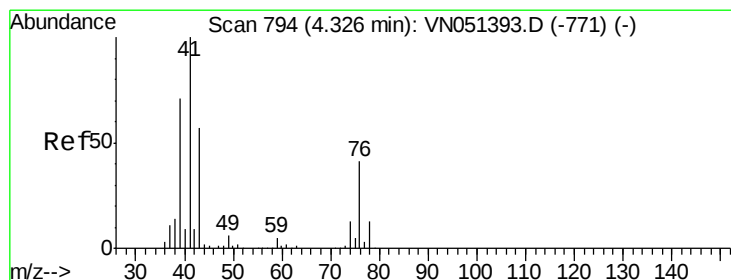
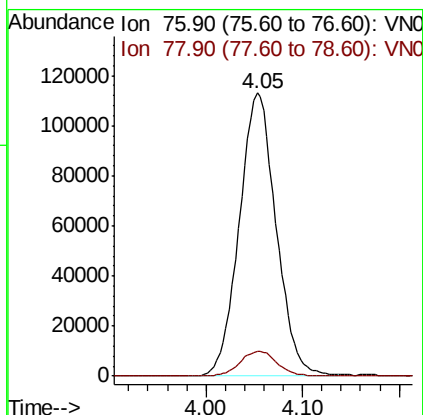
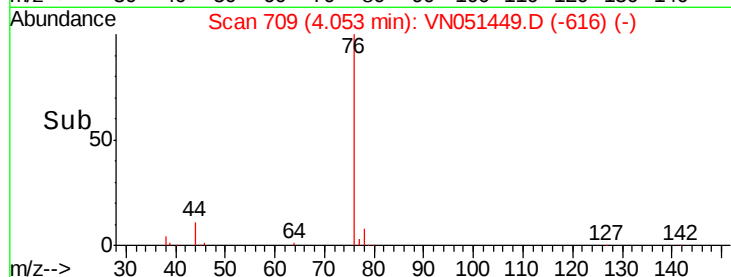
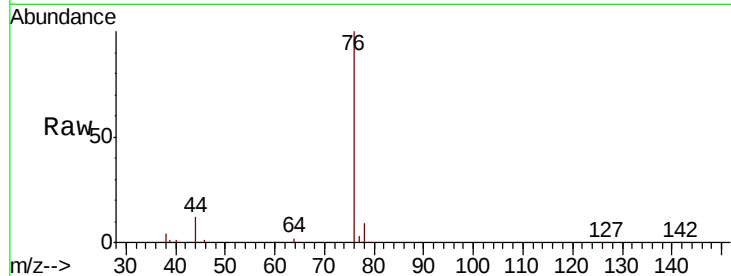




#17
Carbon Disulfide
Concen: 21.896 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

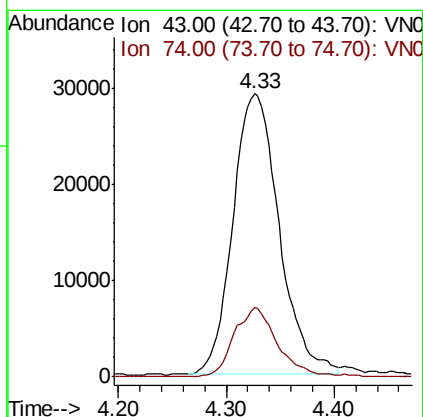
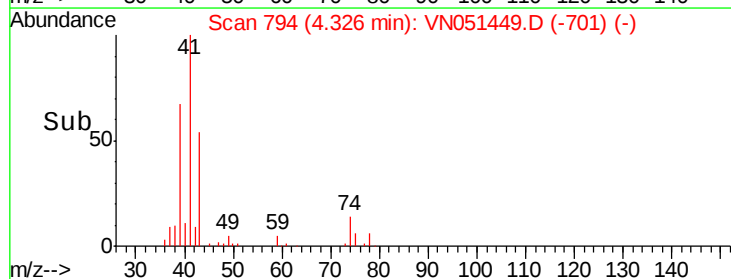
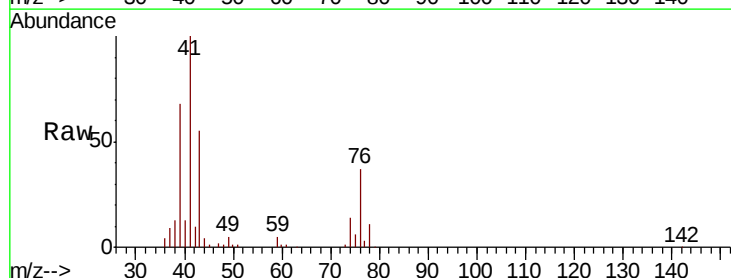
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

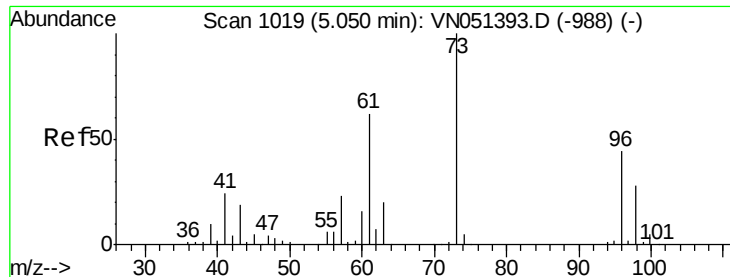
Tot Ion: 76 Resp: 299286
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 21.743 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion: 43 Resp: 86740
Ion Ratio Lower Upper
43 100
74 22.8 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 16.455 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

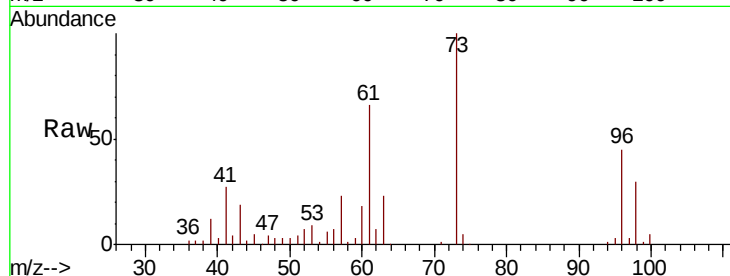
VN0924WBS01

Tot Ion: 73 Resp: 197420

Ion Ratio Lower Upper

73 100

57 23.2 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VN051393.D (-988) (-)

Ion 57.00 (56.70 to 57.70): VN051393.D (-988) (-)

50000

40000

30000

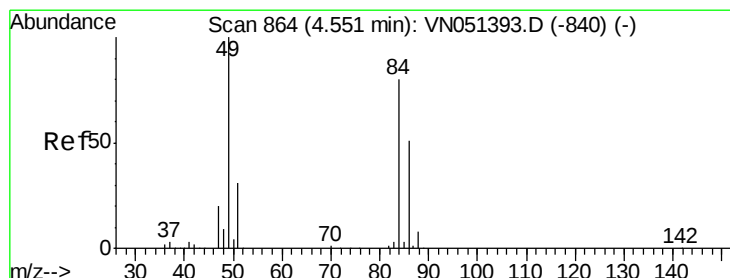
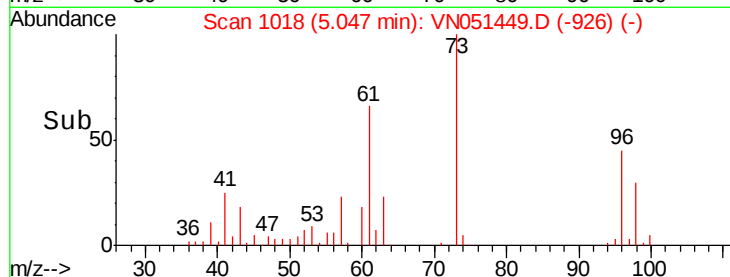
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 18.503 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Tgt Ion: 84 Resp: 95909

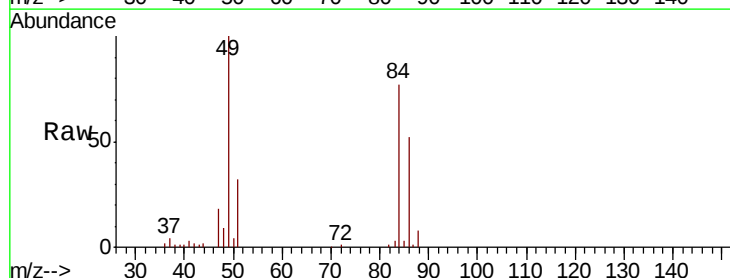
Ion Ratio Lower Upper

84 100

49 129.8 99.9 149.9

51 41.0 31.4 47.2

86 67.0 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VN051393.D (-840) (-)

Ion 48.90 (48.60 to 49.60): VN051393.D (-840) (-)

Ion 50.90 (50.60 to 51.60): VN051393.D (-840) (-)

Ion 85.90 (85.60 to 86.60): VN051393.D (-840) (-)

60000

50000

40000

30000

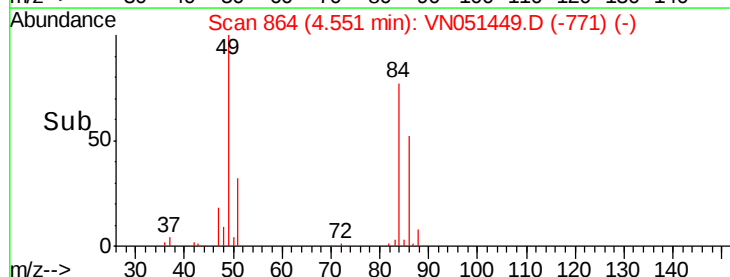
20000

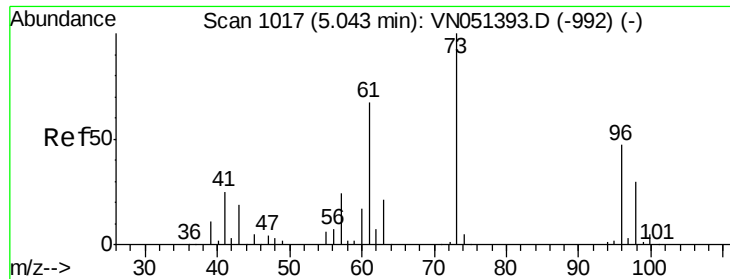
10000

0

4.50 4.60

Time-->

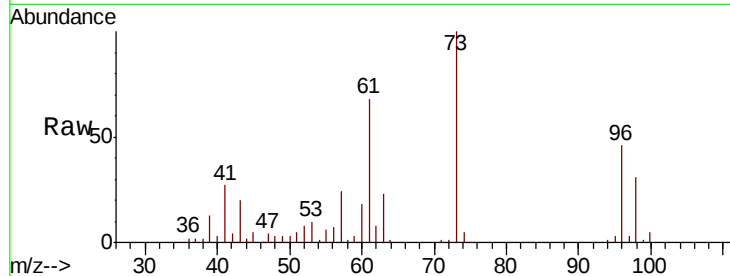




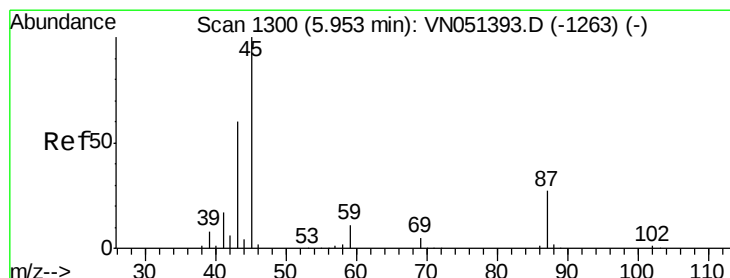
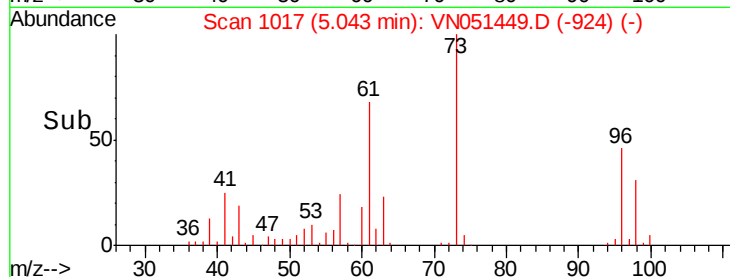
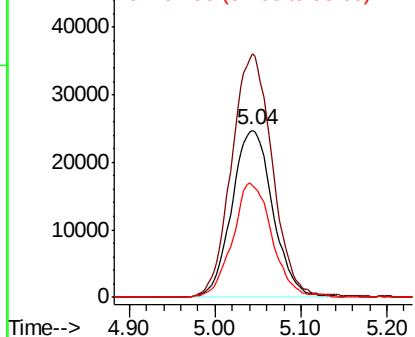
#21
trans-1,2-Dichloroethene
Concen: 17.205 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion: 96 Resp: 81887
Ion Ratio Lower Upper
96 100
61 145.6 113.4 170.2
98 67.0 51.1 76.7

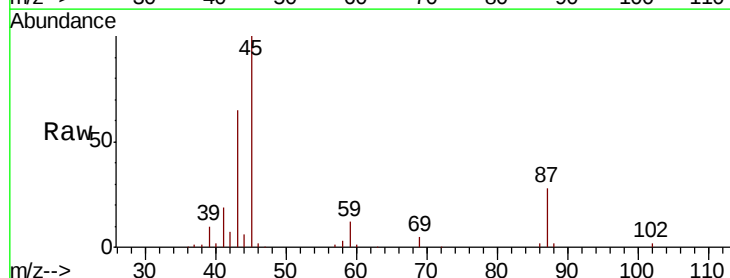


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

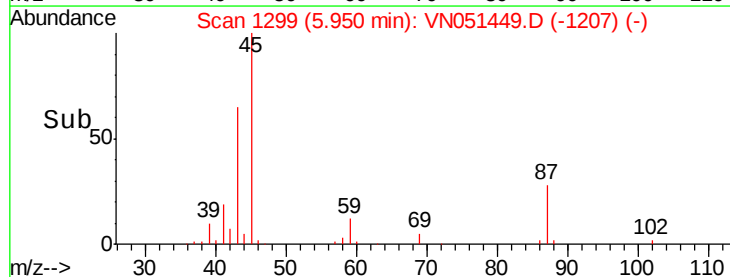
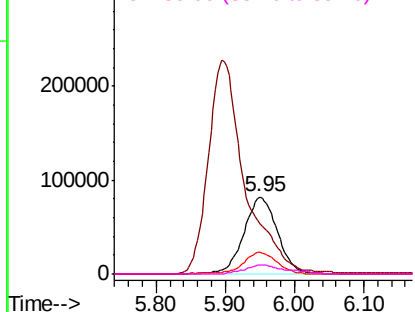


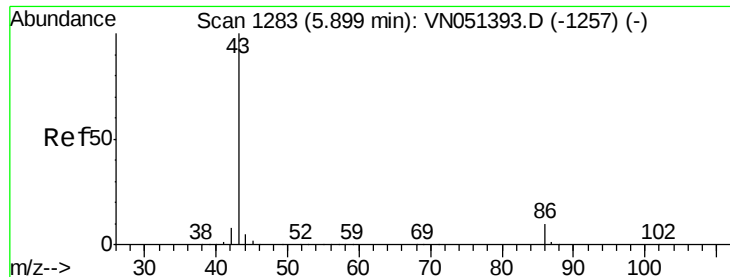
#22
Diisopropyl ether
Concen: 18.236 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion: 45 Resp: 275155
Ion Ratio Lower Upper
45 100
43 63.2 47.7 71.5
87 27.7 22.0 33.0
59 12.2 9.3 13.9



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: 84.069 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

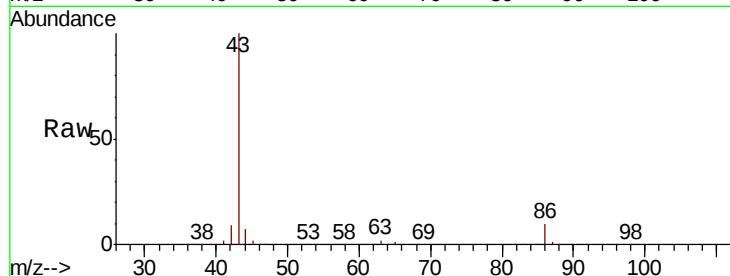
VN0924WBS01

Tot Ion: 43 Resp: 832784

Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1257) (-)

Ion 86.00 (85.70 to 86.70): VN051393.D (-1257) (-)

5.90

250000

200000

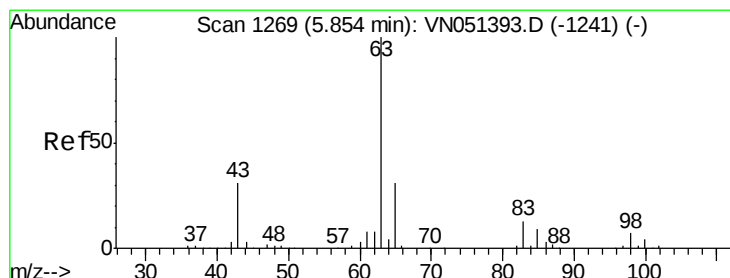
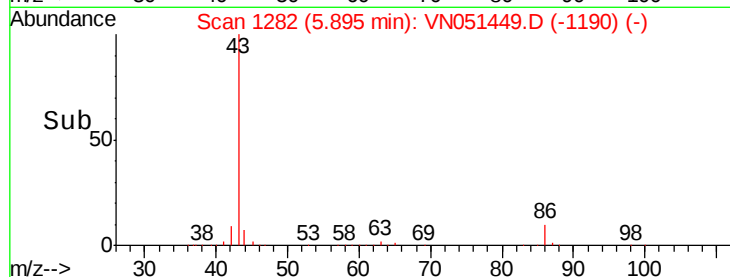
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.755 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

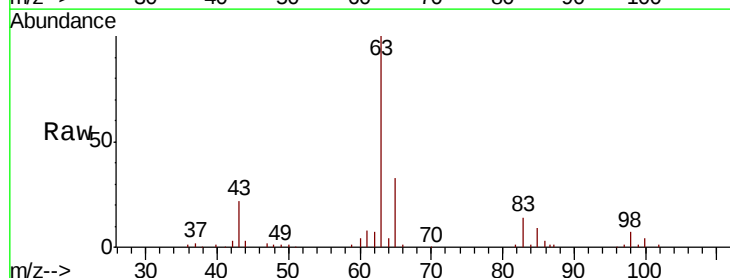
Tgt Ion: 63 Resp: 168845

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.2 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN051393.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN051393.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN051393.D (-1241) (-)

5.85

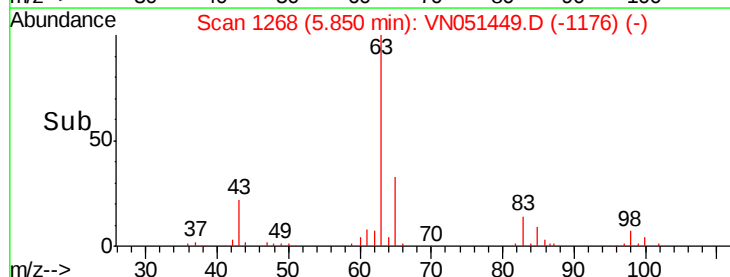
60000

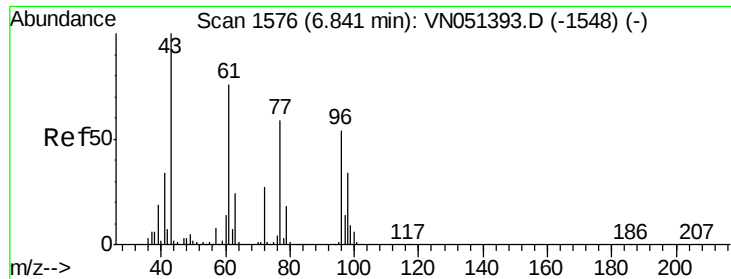
40000

20000

0

Time-->





#25

2-Butanone

Concen: 83.249 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

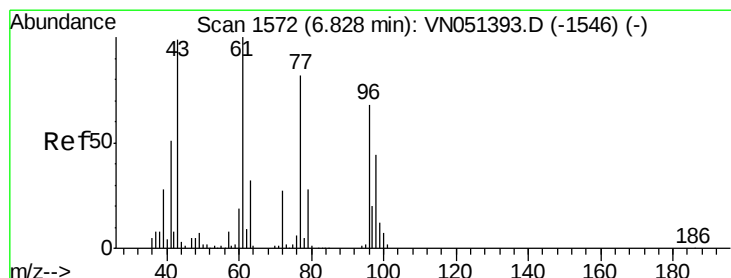
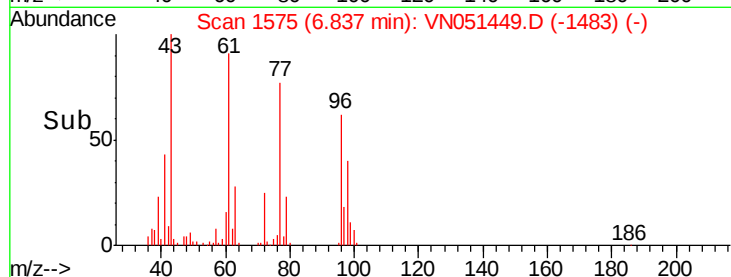
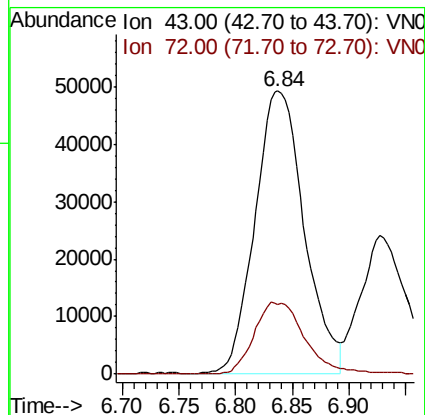
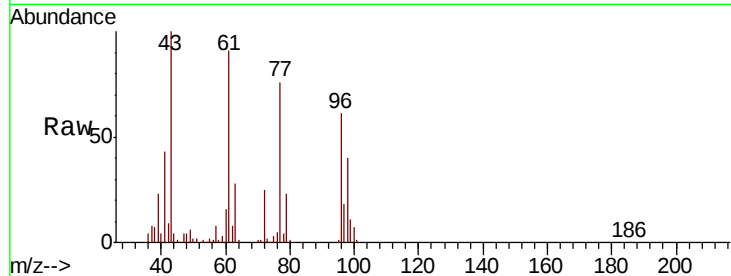
VN0924WBS01

Tot Ion: 43 Resp: 149256

Ion Ratio Lower Upper

43 100

72 24.8 21.8 32.6



#26

2,2-Dichloropropane

Concen: 19.843 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051449.D

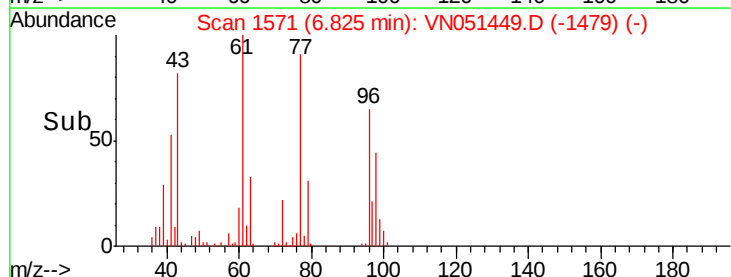
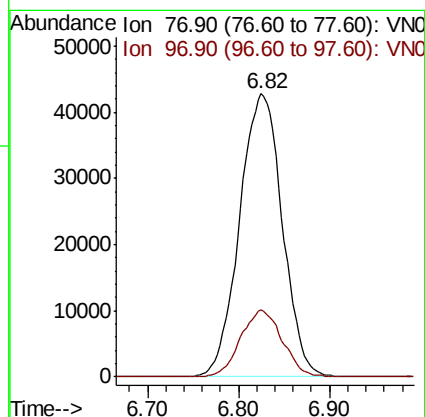
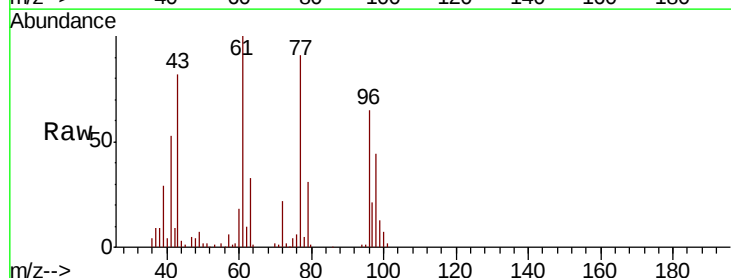
Acq: 24 Sep 2018 10:14

Tgt Ion: 77 Resp: 139445

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 18.238 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

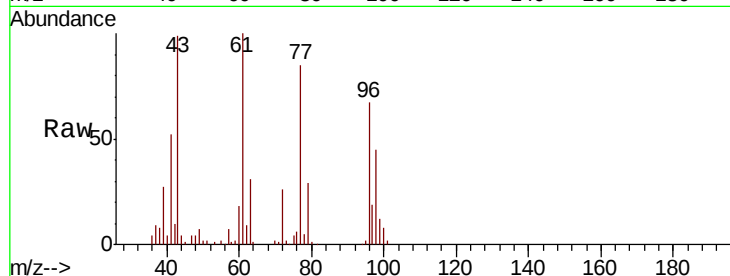
Tot Ion: 96 Resp: 95245

Ion Ratio Lower Upper

96 100

61 149.9 0.0 291.4

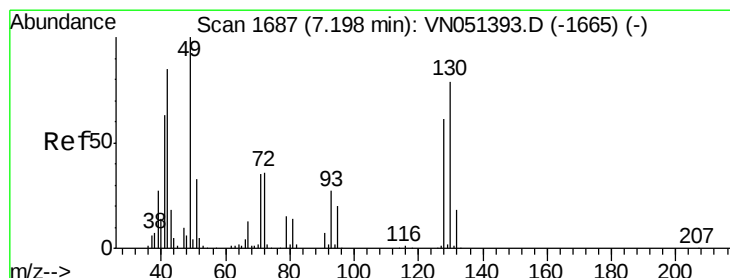
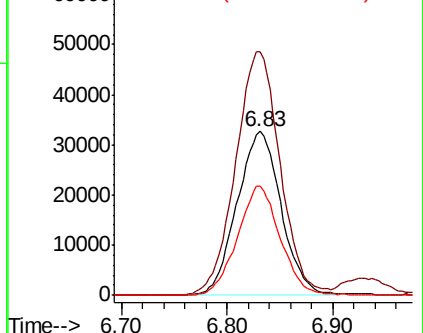
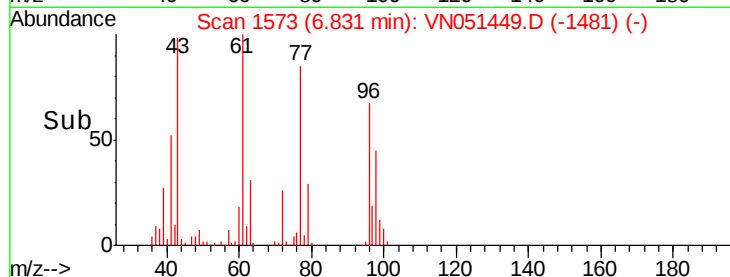
98 64.3 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.619 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

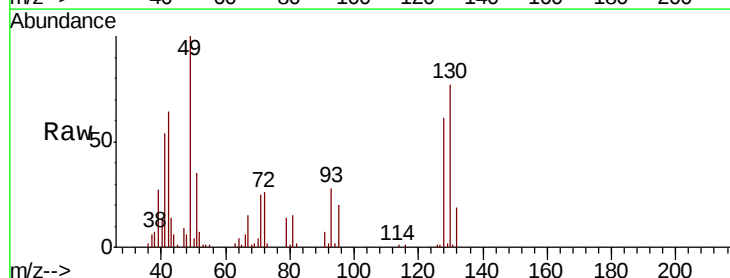
Tgt Ion: 49 Resp: 81564

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

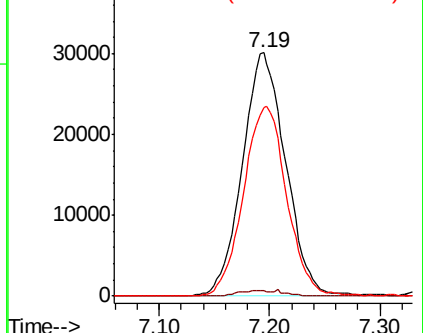
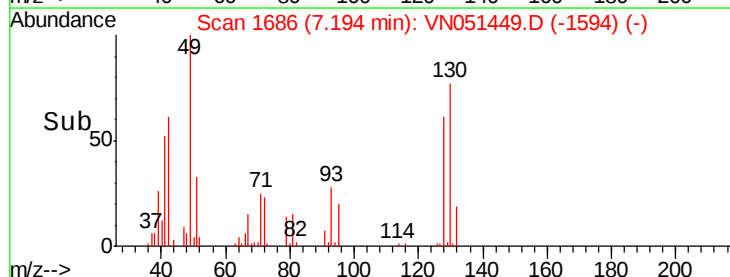
130 77.9 63.0 94.4

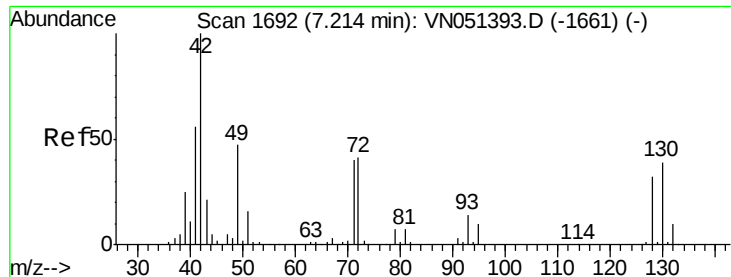


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 81.445 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

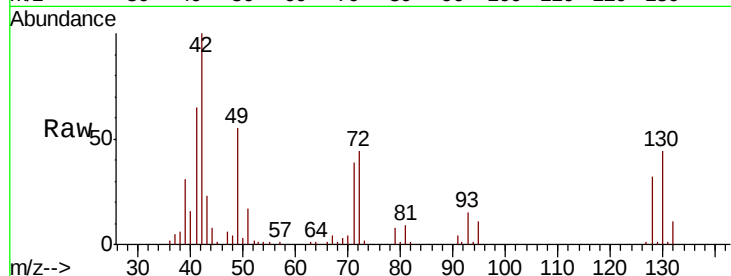
Tot Ion: 42 Resp: 92536

Ion Ratio Lower Upper

42 100

72 42.6 34.3 51.5

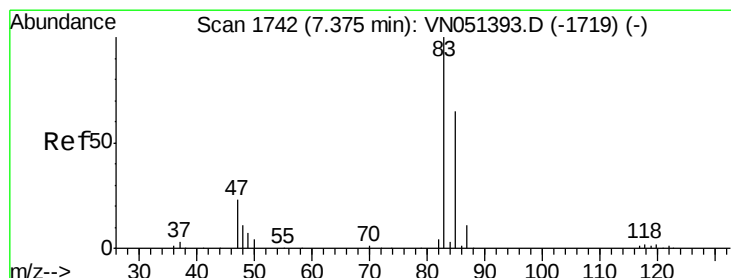
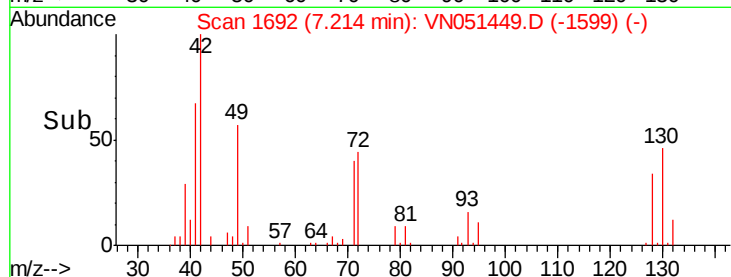
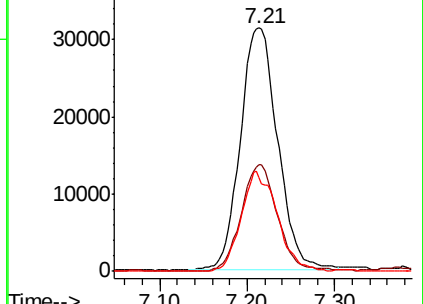
71 39.9 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.959 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051449.D

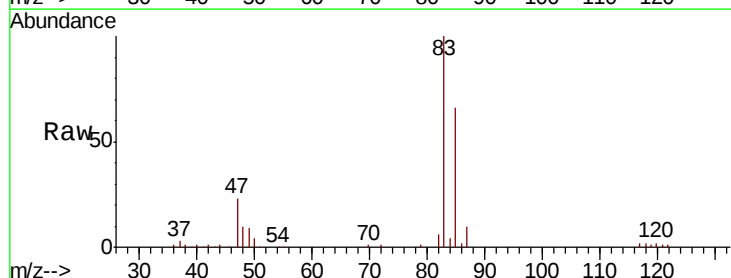
Acq: 24 Sep 2018 10:14

Tgt Ion: 83 Resp: 169124

Ion Ratio Lower Upper

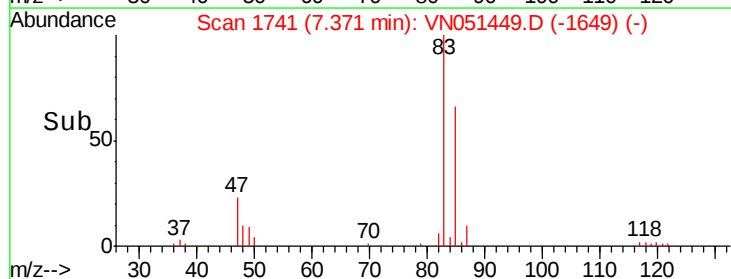
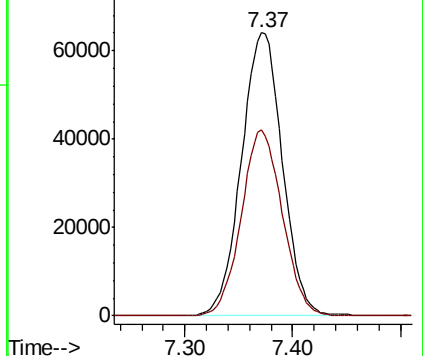
83 100

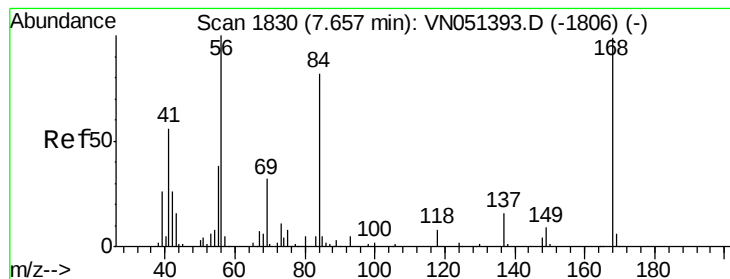
85 65.7 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.385 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

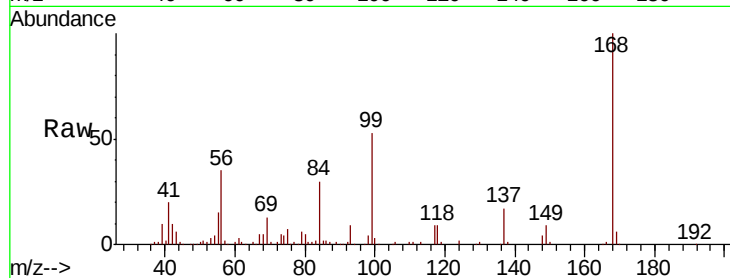
Tot Ion: 56 Resp: 143392

Ion Ratio Lower Upper

56 100

69 37.3 25.8 38.6

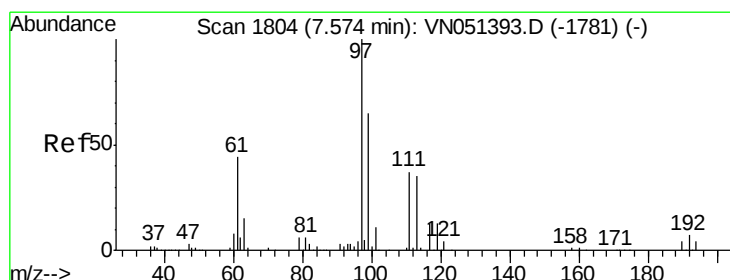
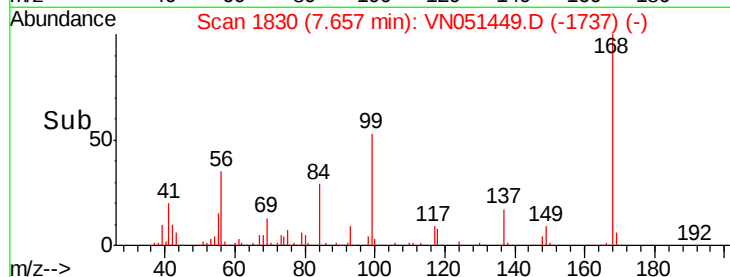
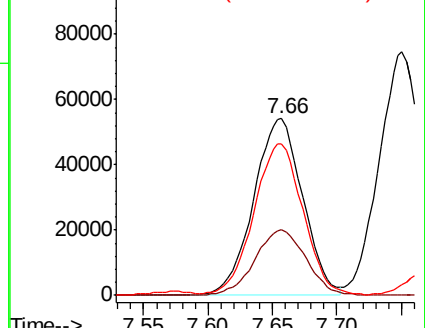
84 84.3 66.0 99.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.317 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

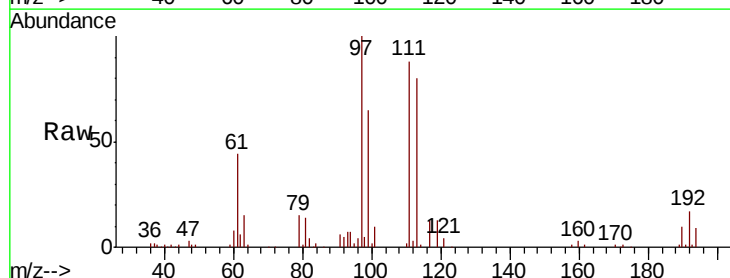
Tgt Ion: 97 Resp: 147314

Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

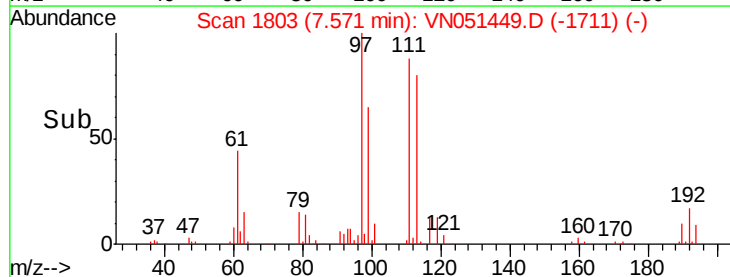
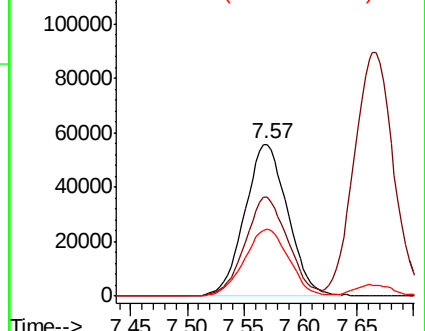
61 45.5 35.8 53.8

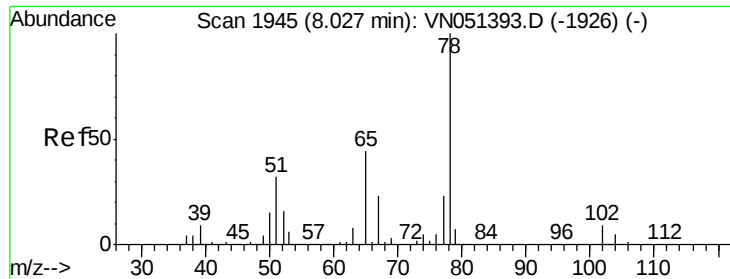


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

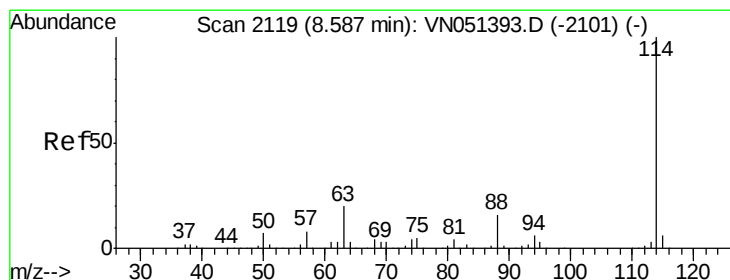
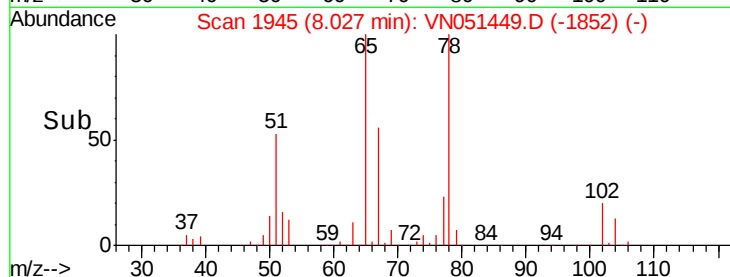
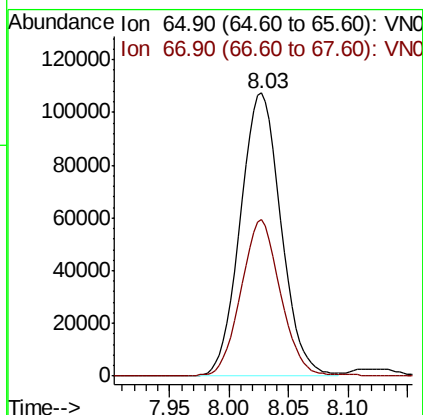
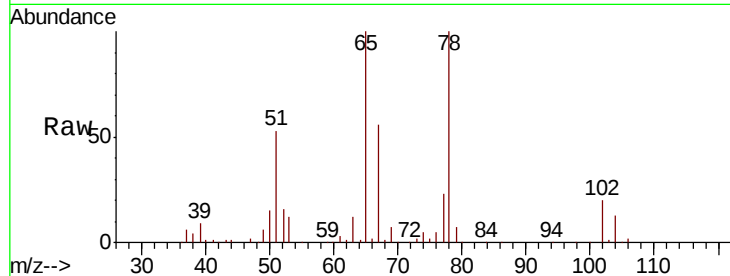




#33
 1,2-Dichloroethane-d4
 Concen: 48.616 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

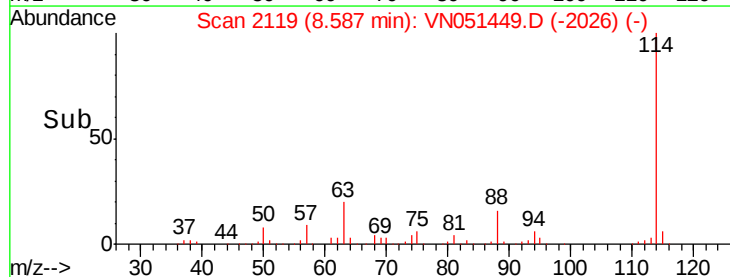
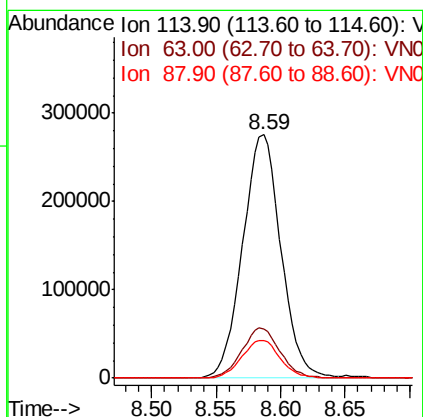
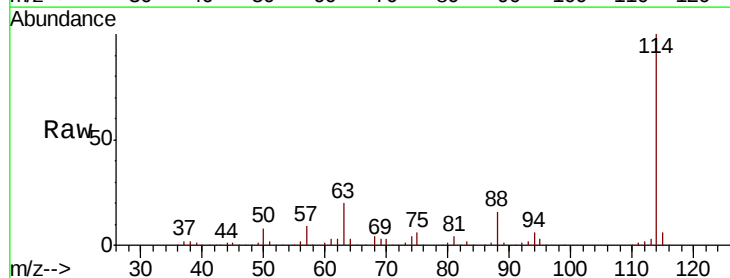
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

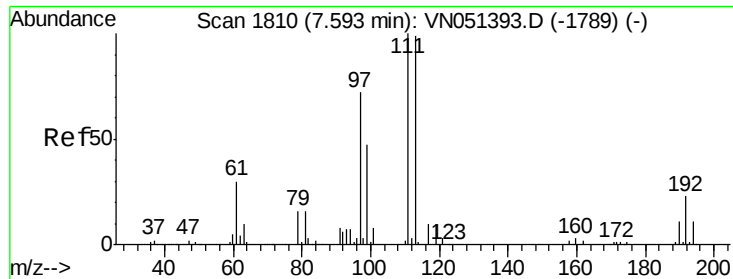
Tot Ion: 65 Resp: 254656
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Tgt Ion: 114 Resp: 570483
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 15.6 0.0 31.4

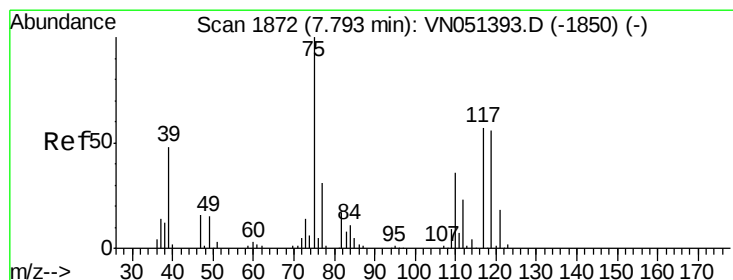
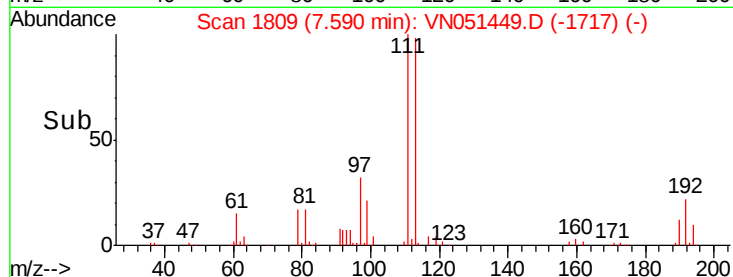
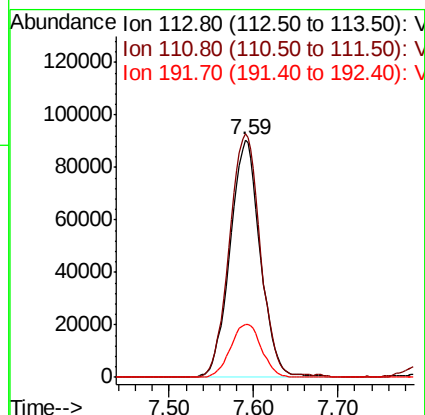
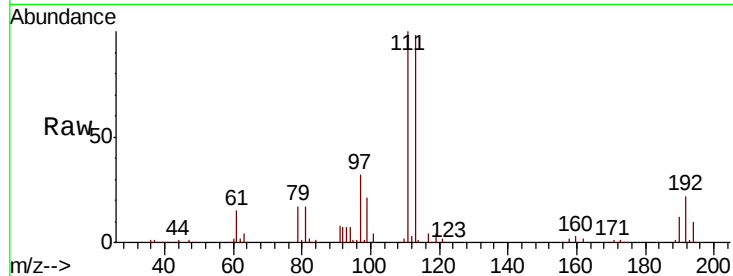




#35
 Dibromofluoromethane
 Concen: 49.446 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

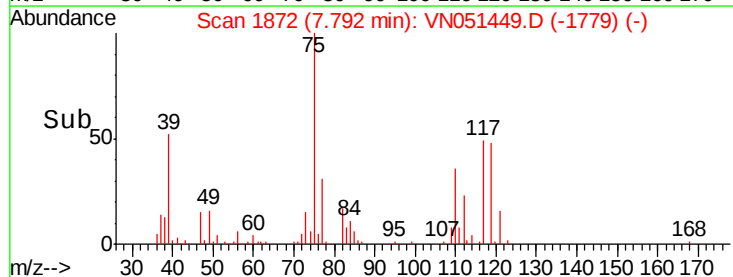
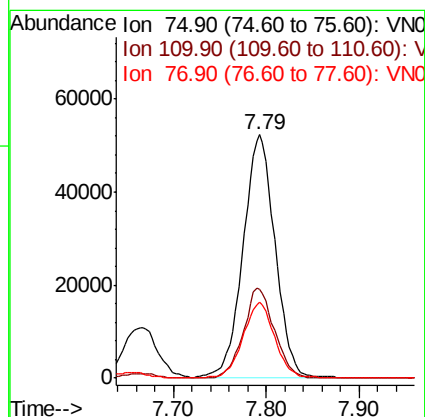
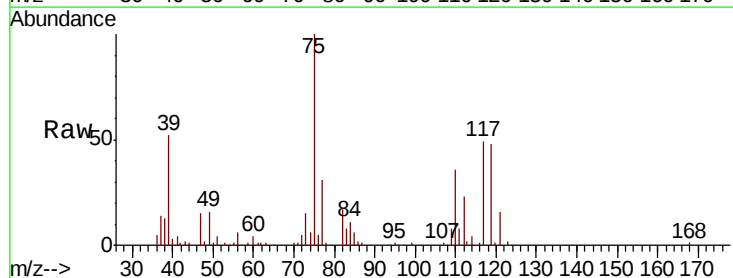
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

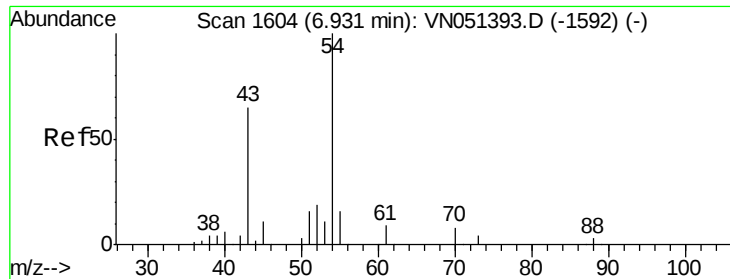
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.6	123.8
192	22.9	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 19.010 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.1	54.3
77	30.9	25.6	38.4

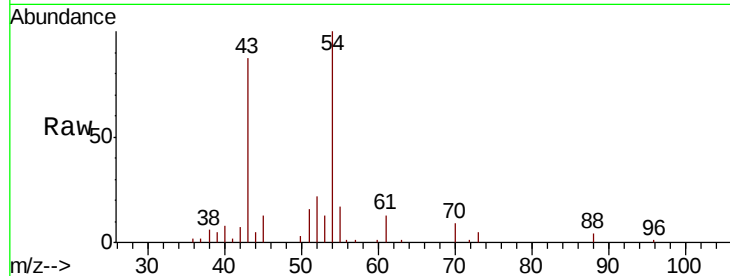




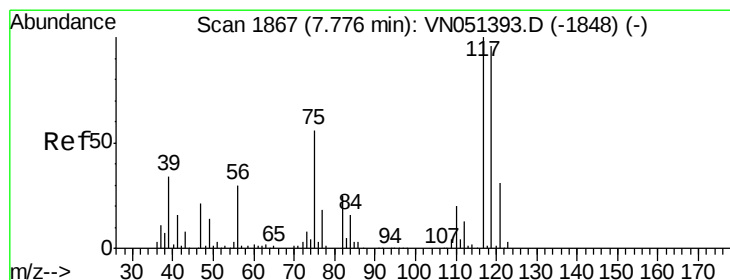
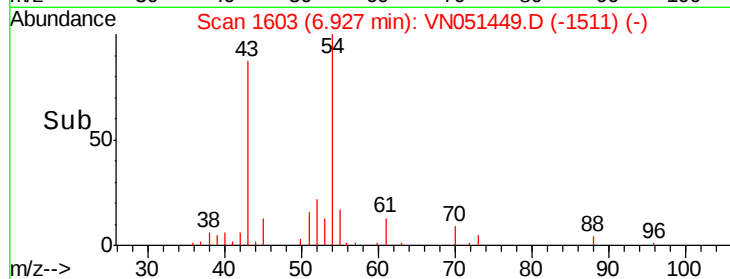
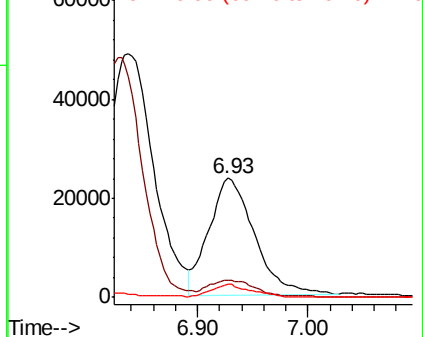
#37
Ethyl Acetate
Concen: 17.908 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion: 43 Resp: 68023
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 9.6 7.9 11.9

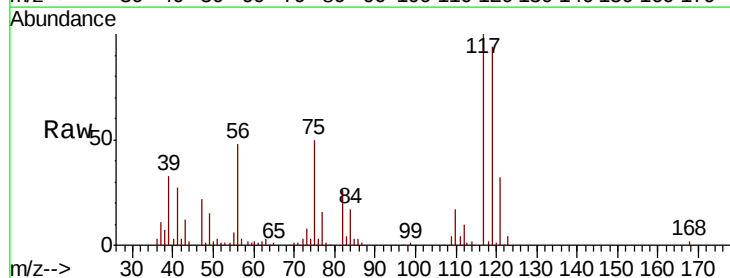


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

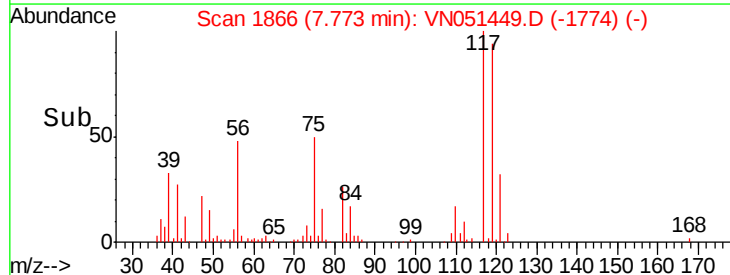
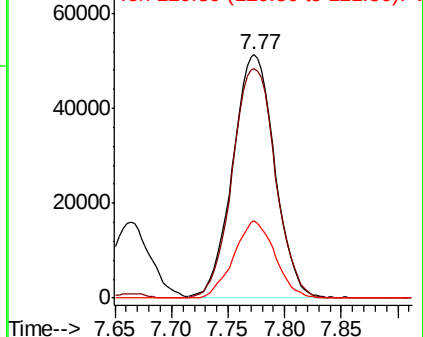


#38
Carbon Tetrachloride
Concen: 19.053 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion: 117 Resp: 131657
Ion Ratio Lower Upper
117 100
119 94.4 76.9 115.3
121 32.0 24.6 37.0



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

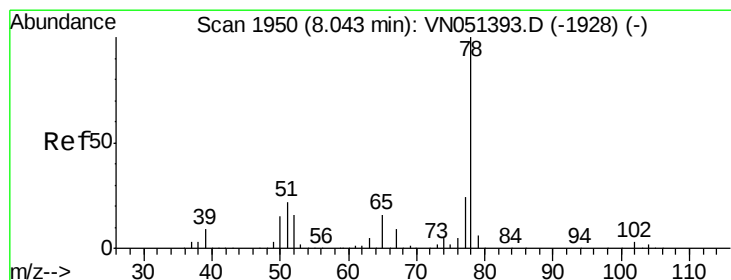
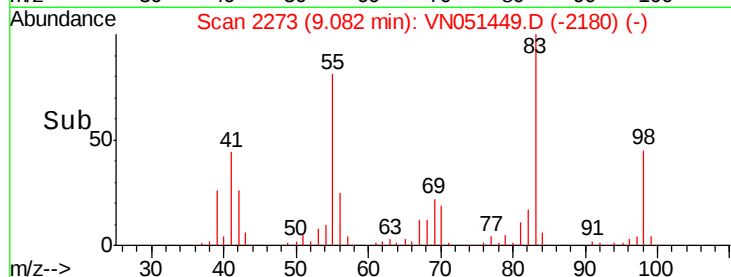
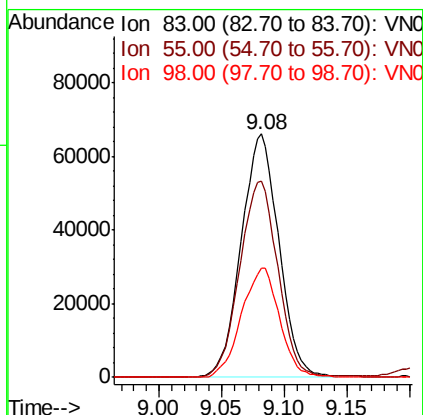
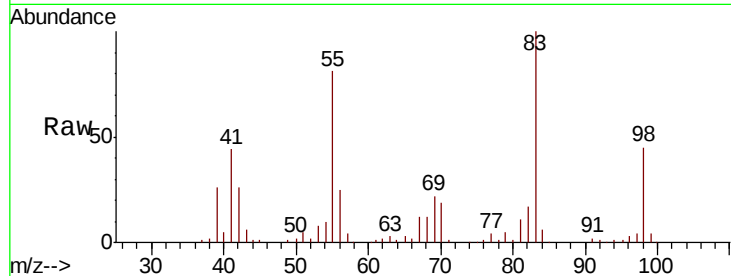




#39
Methvlcvclohexane
Concen: 17.937 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

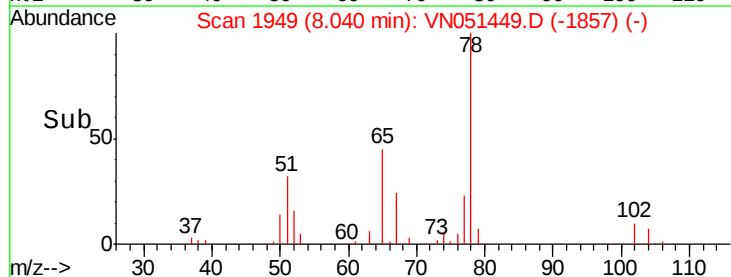
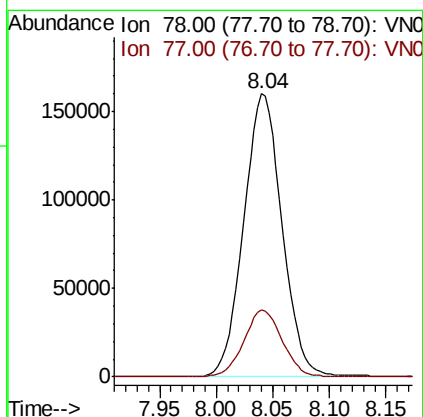
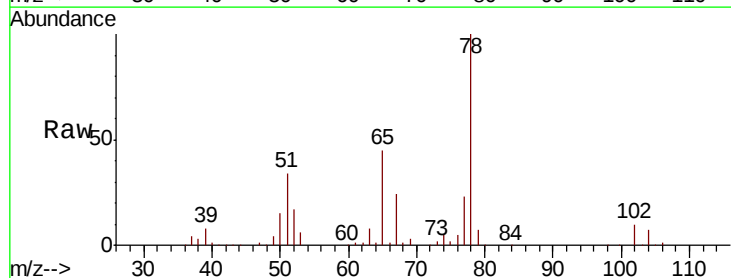
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

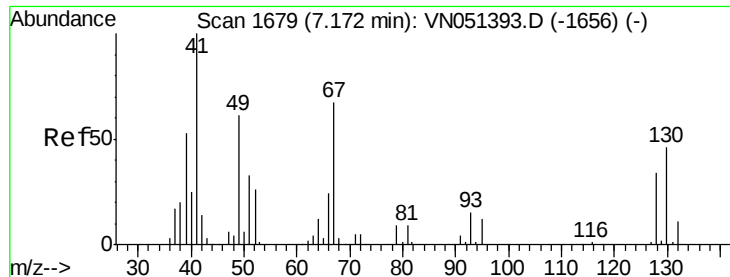
Tot Ion: 83 Resp: 138526
Ion Ratio Lower Upper
83 100
55 80.7 61.0 91.4
98 44.9 35.6 53.4



#40
Benzene
Concen: 19.424 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion: 78 Resp: 376771
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8

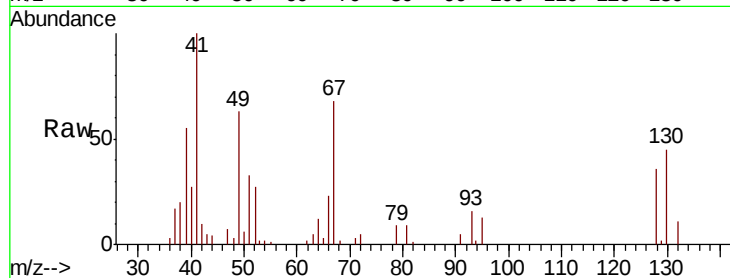




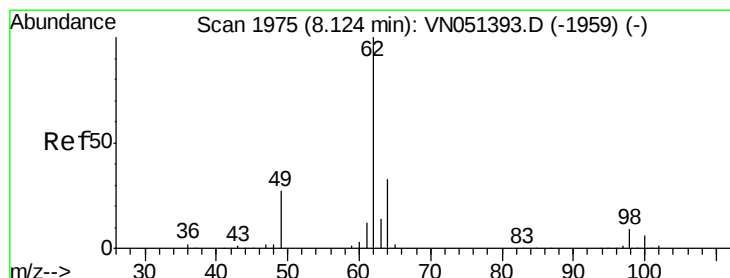
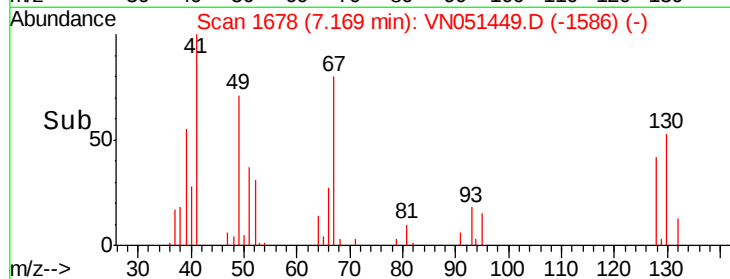
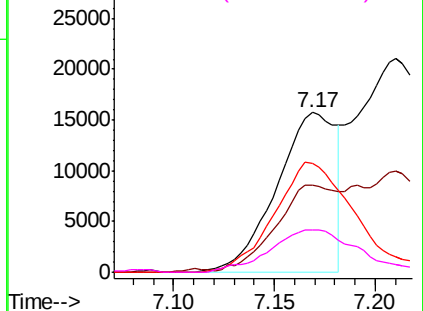
#41
Methacrylonitrile
Concen: 15.349 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Instrument :
MSVOA_N
ClientSampled :
VN0924WBS01

Tot Ion:	41	Resp:	32254
Ion	Ratio	Lower	Upper
41	100		
39	53.1	51.4	77.2
67	92.9	66.8	100.2
52	38.8	27.7	41.5

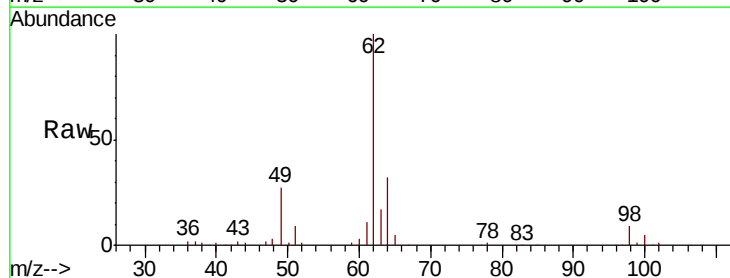


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

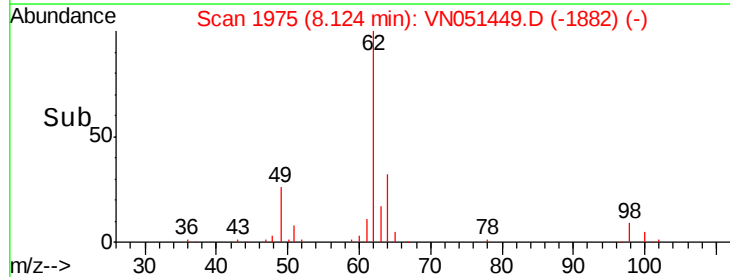
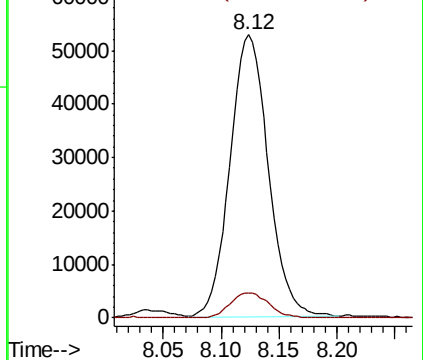


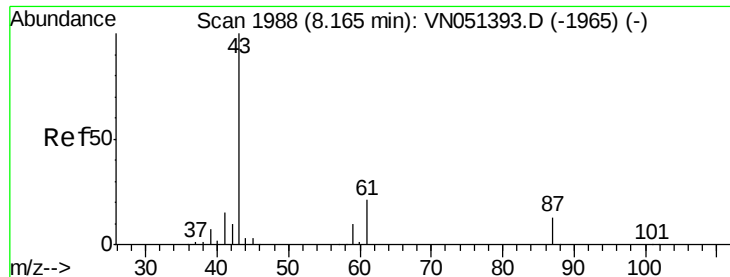
#42
1,2-Dichloroethane
Concen: 19.532 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion:	62	Resp:	121317
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 18.514 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

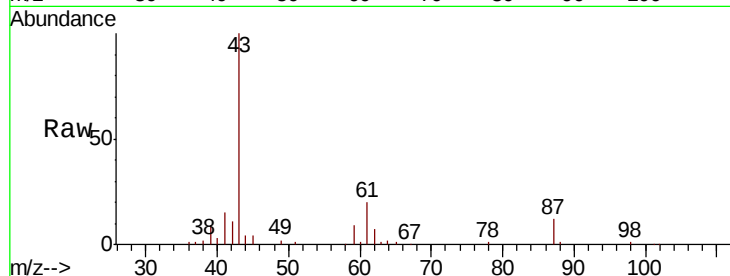
Tot Ion: 43 Resp: 127166

Ion Ratio Lower Upper

43 100

61 18.4 16.8 25.2

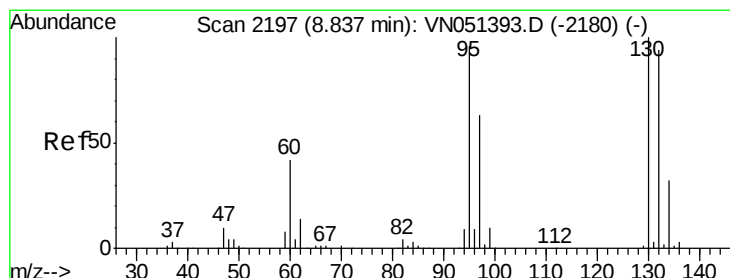
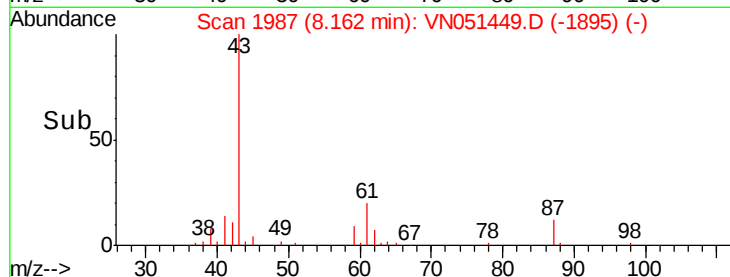
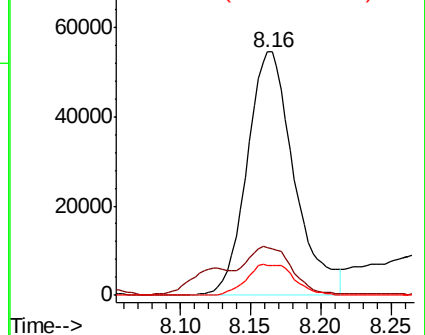
87 12.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#44

Trichloroethene

Concen: 18.975 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051449.D

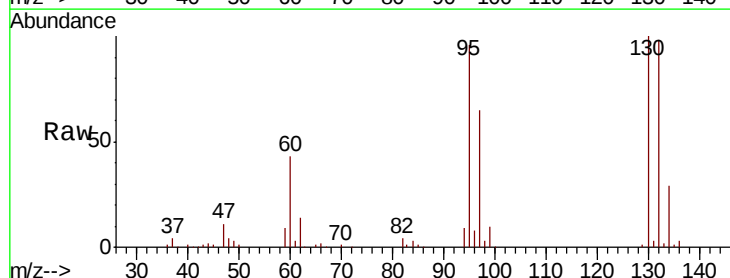
Acq: 24 Sep 2018 10:14

Tgt Ion:130 Resp: 97761

Ion Ratio Lower Upper

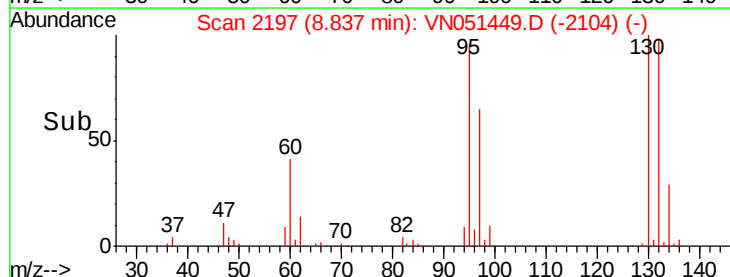
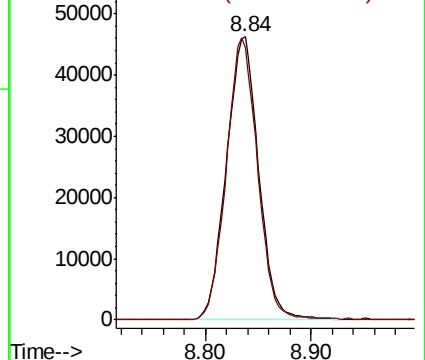
130 100

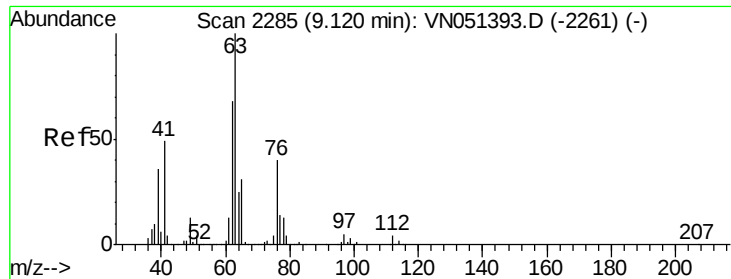
95 96.2 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051393.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051393.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 19.485 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

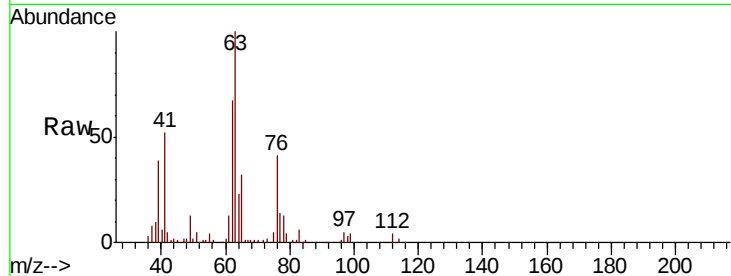
VN0924WBS01

Tot Ion: 63 Resp: 102743

Ion Ratio Lower Upper

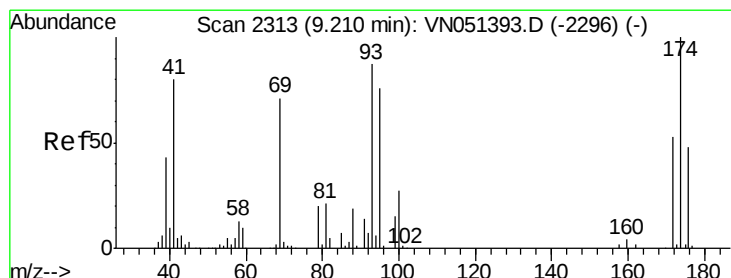
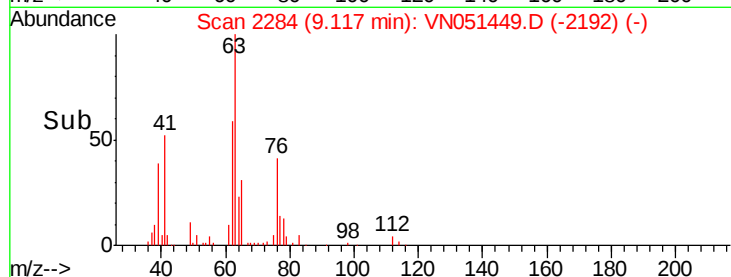
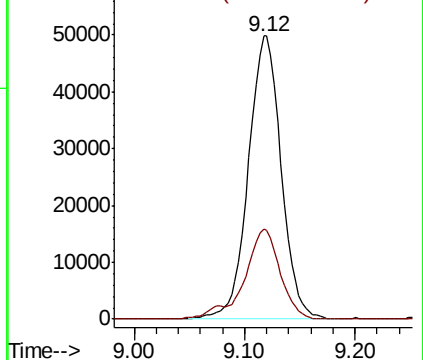
63 100

65 31.9 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.366 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

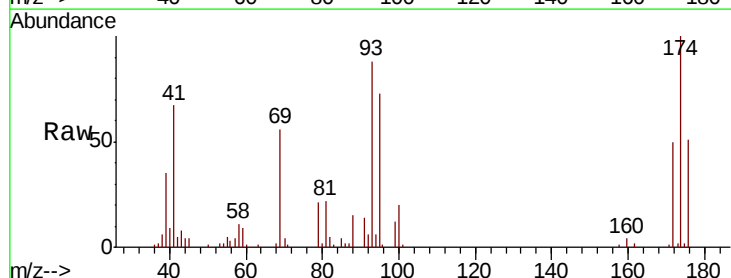
Tgt Ion: 93 Resp: 57697

Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

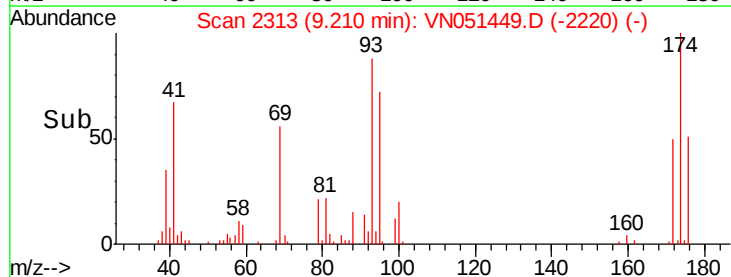
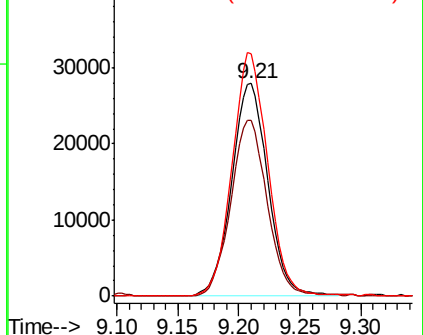
174 111.9 89.6 134.4

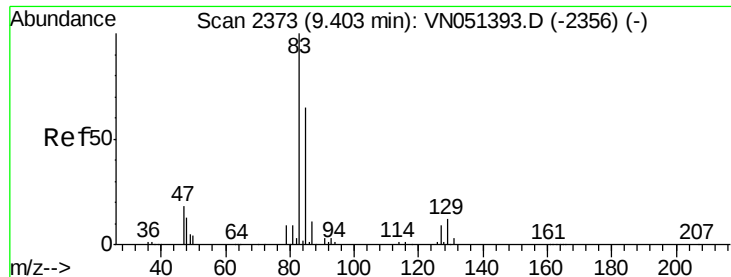


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.437 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

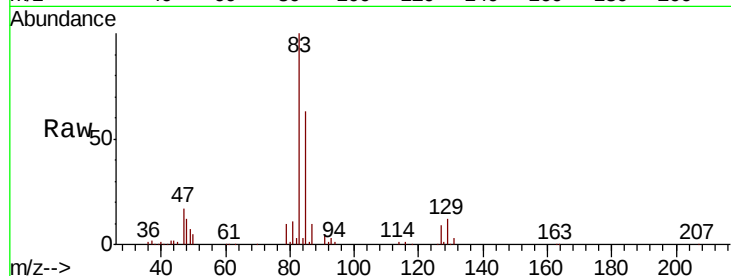
Tot Ion: 83 Resp: 128151

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6

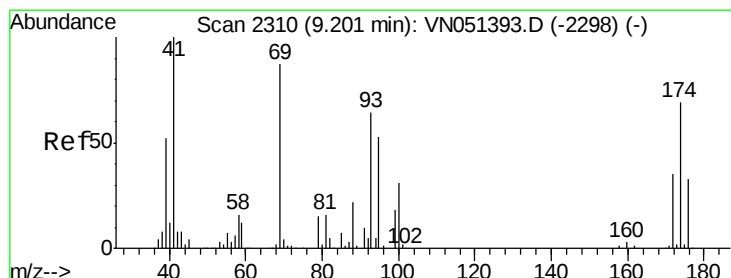
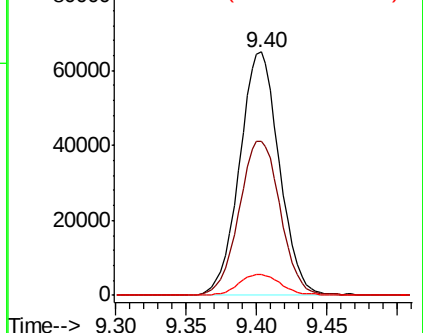
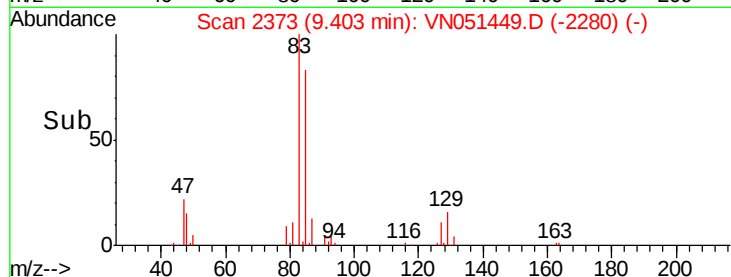
127 8.6 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN051449.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051449.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051449.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.090 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

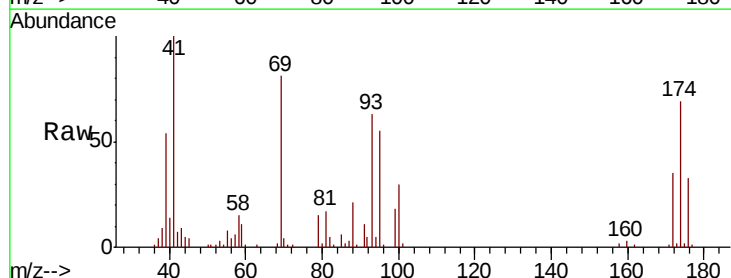
Tgt Ion: 41 Resp: 61947

Ion Ratio Lower Upper

41 100

69 83.1 70.4 105.6

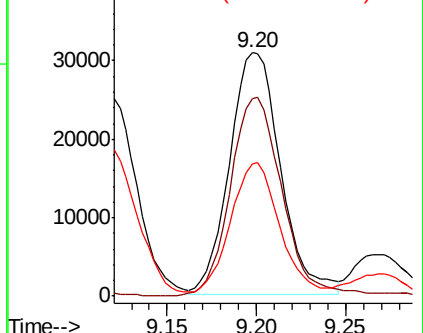
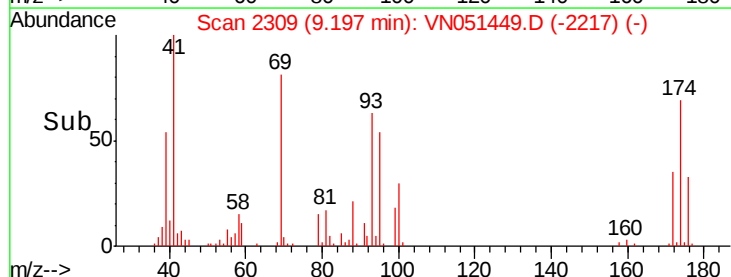
39 52.3 43.8 65.8

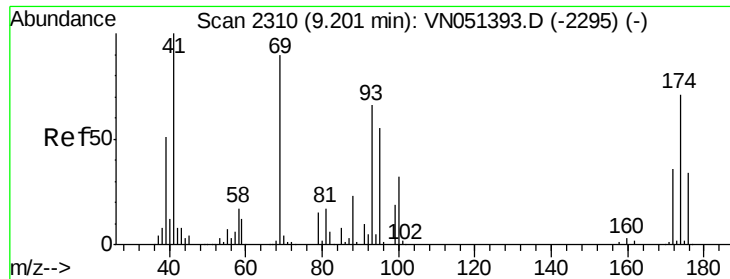


Abundance Ion 41.00 (40.70 to 41.70): VN051449.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051449.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051449.D (-2217) (-)





#49

1,4-Dioxane

Concen: 337.115 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

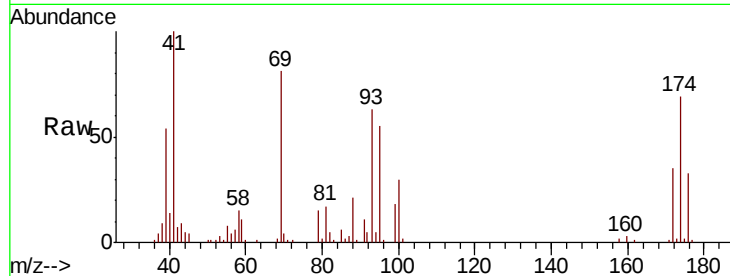
Tot Ion: 88 Resp: 14148

Ion Ratio Lower Upper

88 100

43 37.8 25.9 38.9

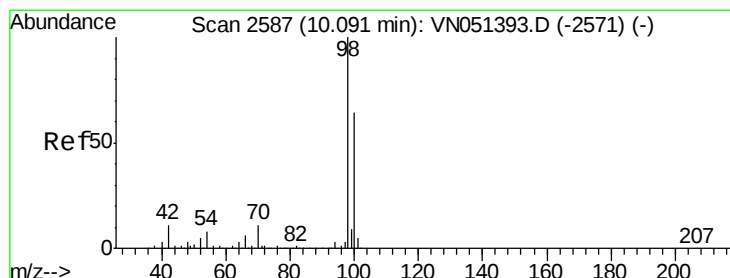
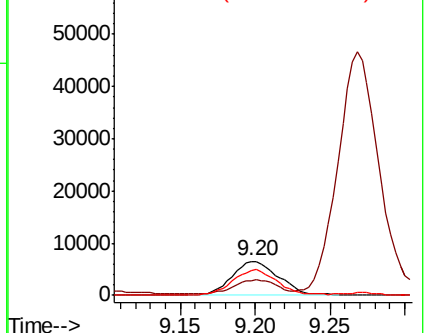
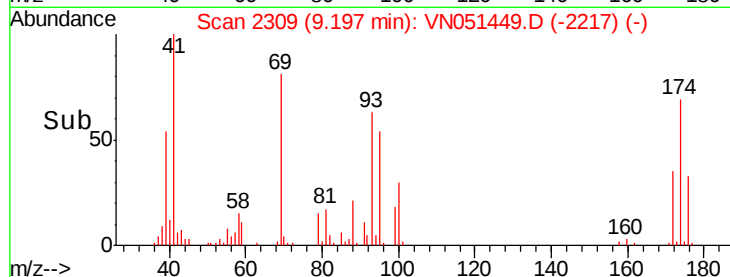
58 71.8 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.897 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN051449.D

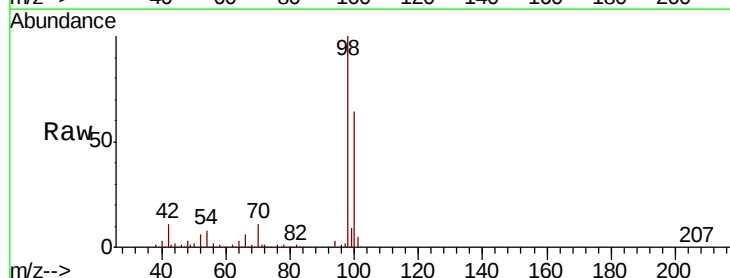
Acq: 24 Sep 2018 10:14

Tgt Ion: 98 Resp: 857160

Ion Ratio Lower Upper

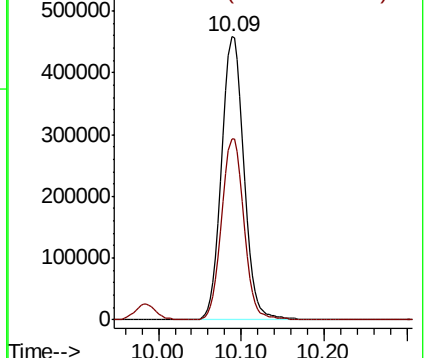
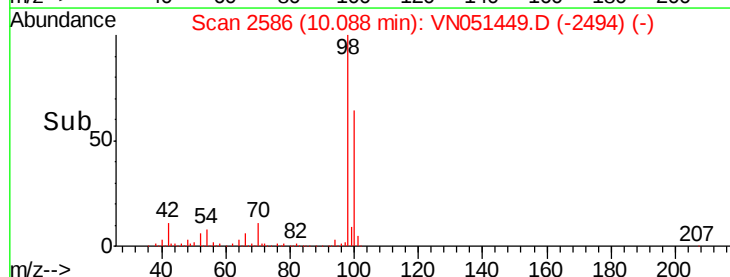
98 100

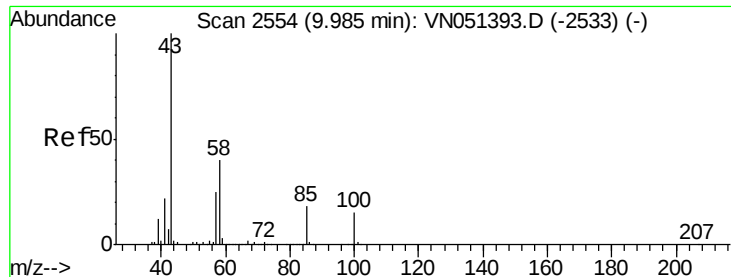
100 63.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 87.495 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

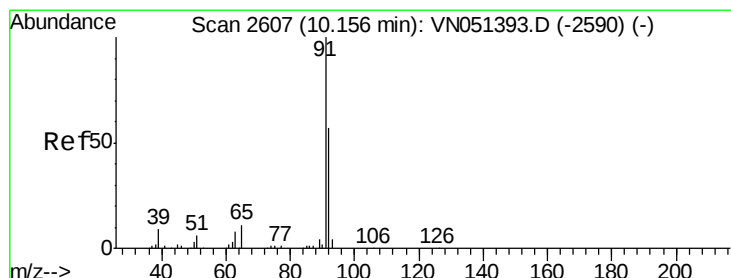
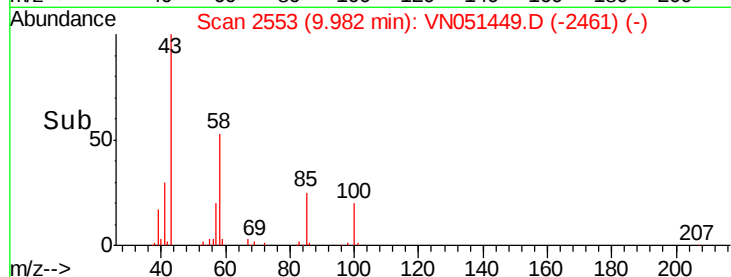
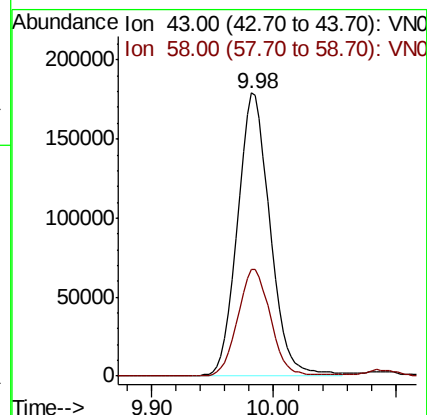
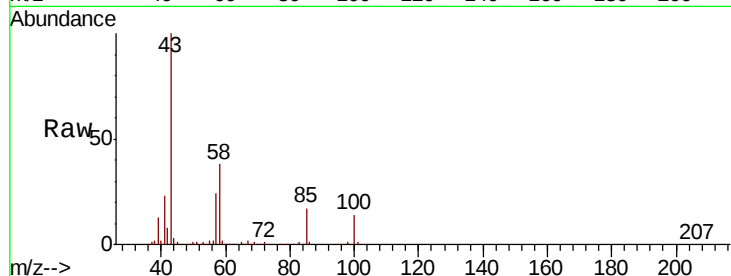
VN0924WBS01

Tot Ion: 43 Resp: 330505

Ion Ratio Lower Upper

43 100

58 38.1 31.5 47.3



#52

Toluene

Concen: 19.318 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051449.D

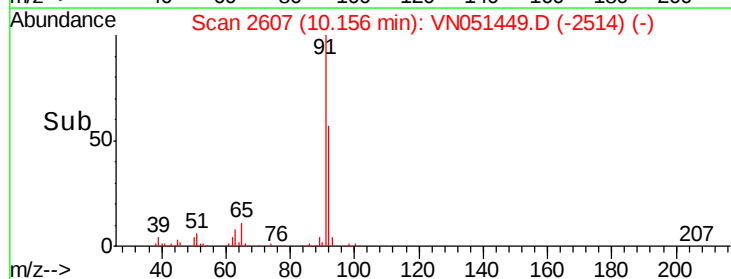
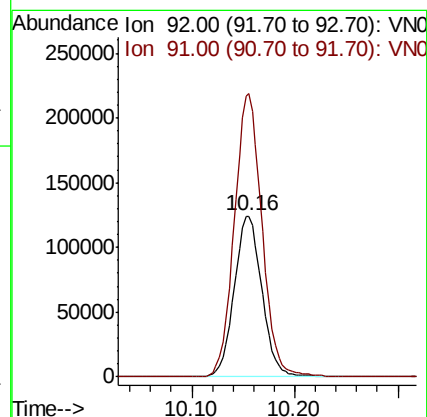
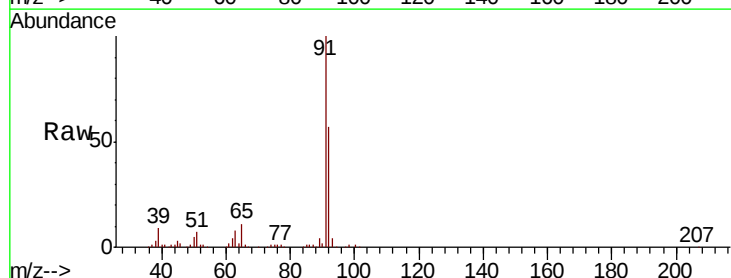
Acq: 24 Sep 2018 10:14

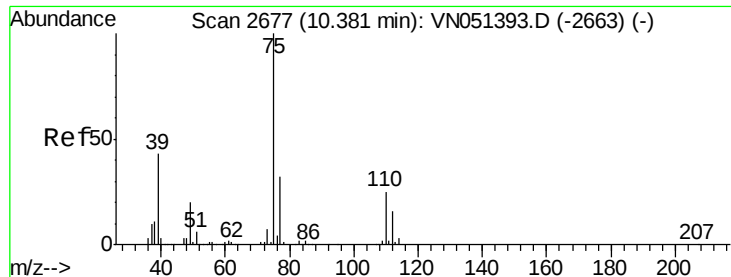
Tgt Ion: 92 Resp: 232873

Ion Ratio Lower Upper

92 100

91 175.3 142.2 213.4





#53

t-1,3-Dichloropropene

Concen: 18.389 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

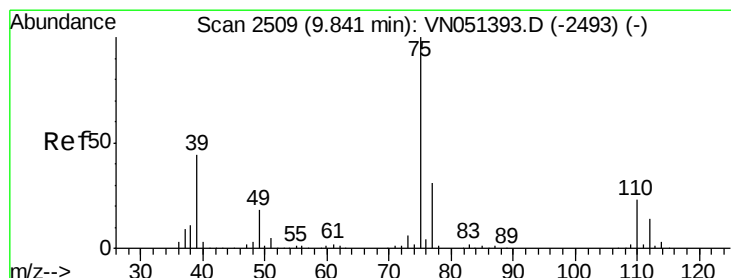
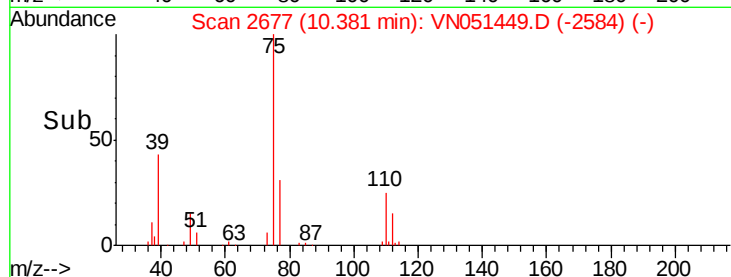
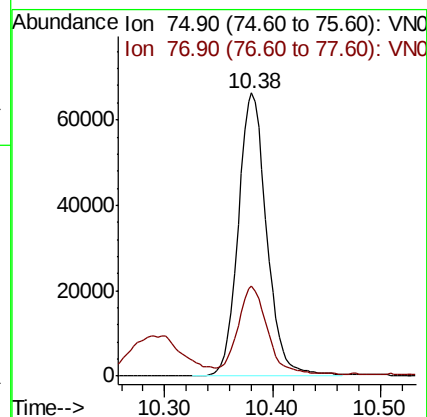
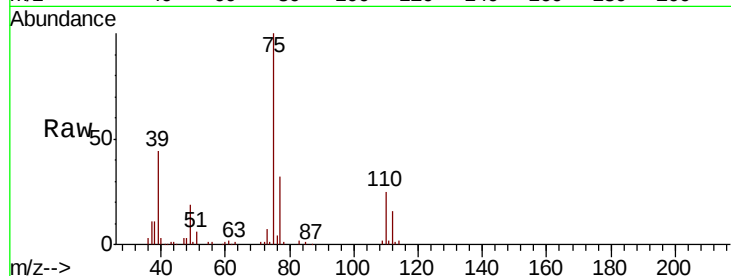
VN0924WBS01

Tot Ion: 75 Resp: 122402

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 18.461 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

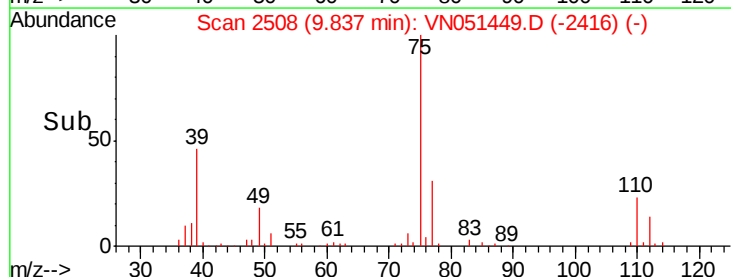
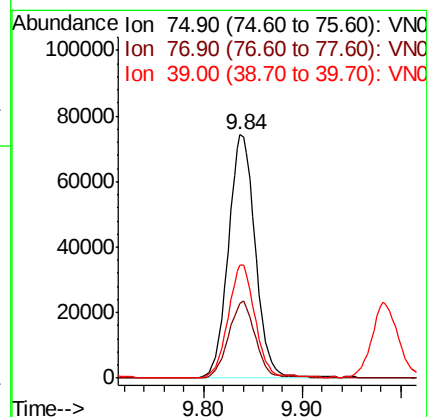
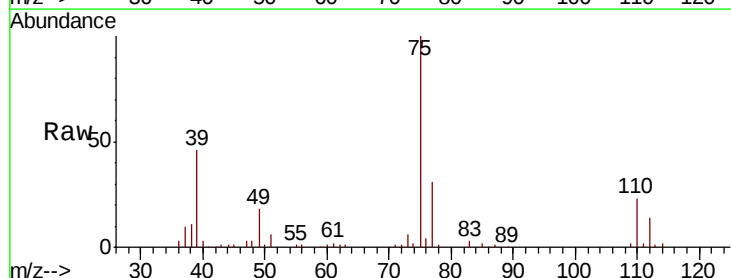
Tgt Ion: 75 Resp: 142499

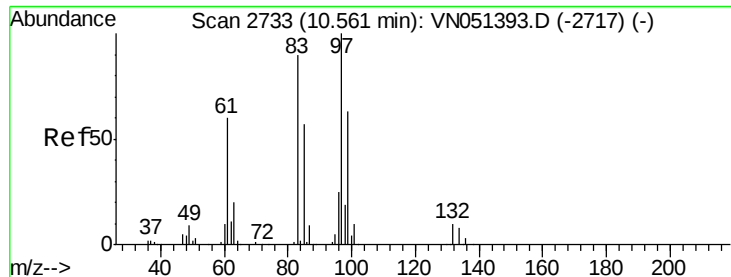
Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

39 46.5 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 18.739 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS01

Tot Ion: 97 Resp: 79835

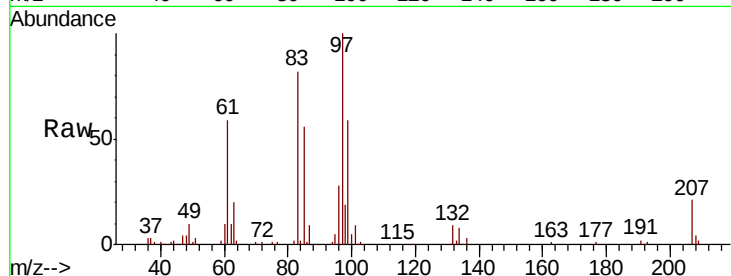
Ion Ratio Lower Upper

97 100

83 82.3 72.0 108.0

85 56.1 45.2 67.8

99 59.8 50.7 76.1

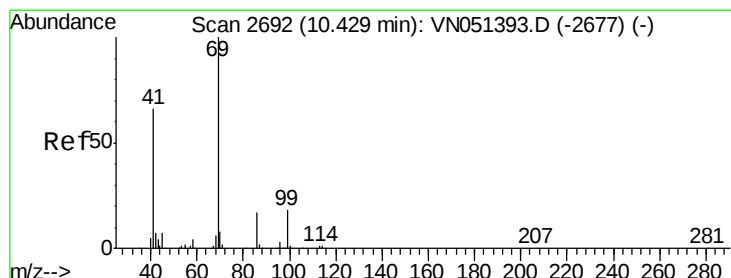
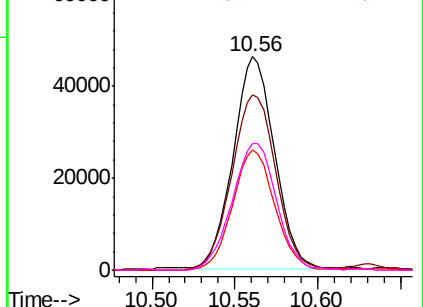
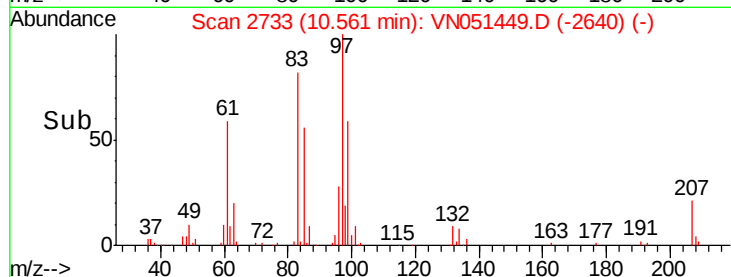


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.125 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

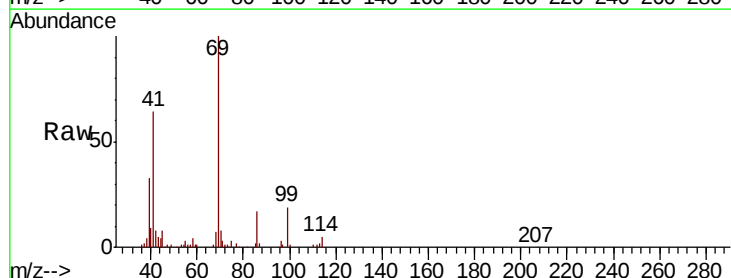
Tgt Ion: 69 Resp: 89199

Ion Ratio Lower Upper

69 100

41 63.7 52.4 78.6

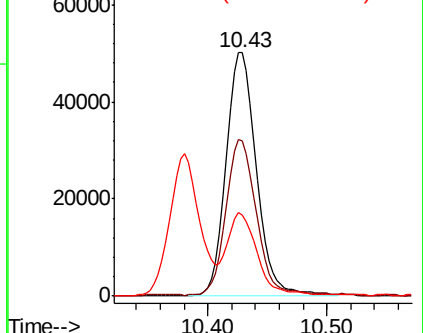
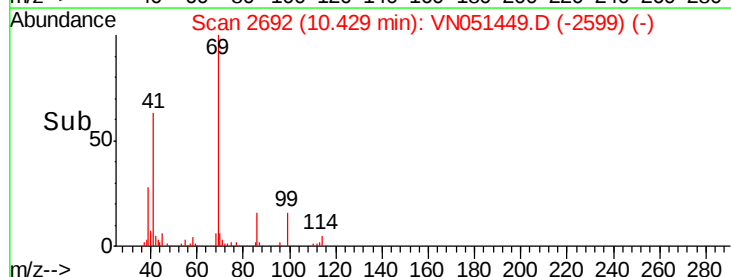
39 34.5 26.3 39.5

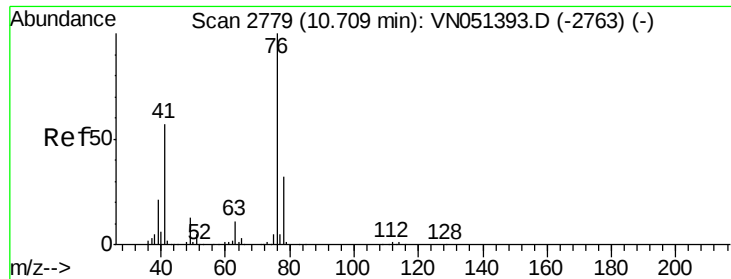


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.758 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

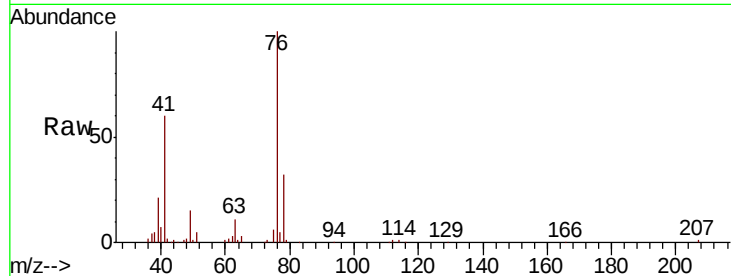
VN0924WBS01

Tot Ion: 76 Resp: 136974

Ion Ratio Lower Upper

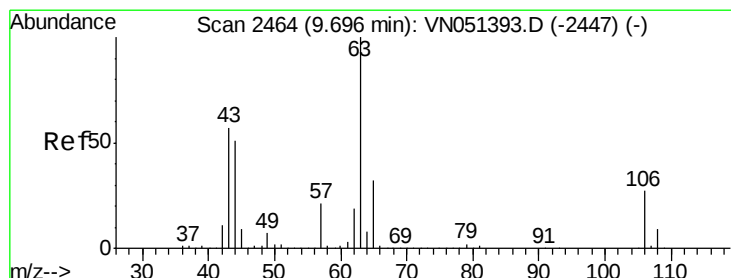
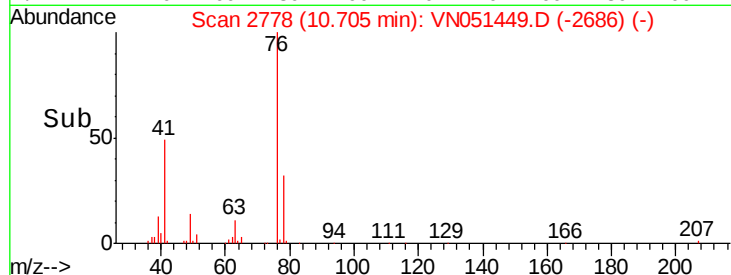
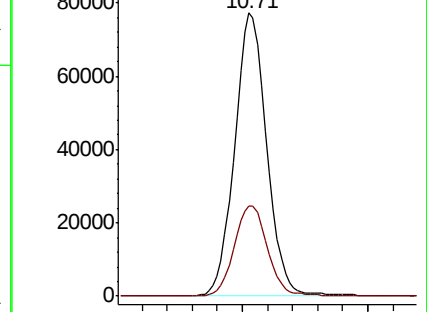
76 100

78 33.1 25.5 38.3



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: 85.818 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN051449.D

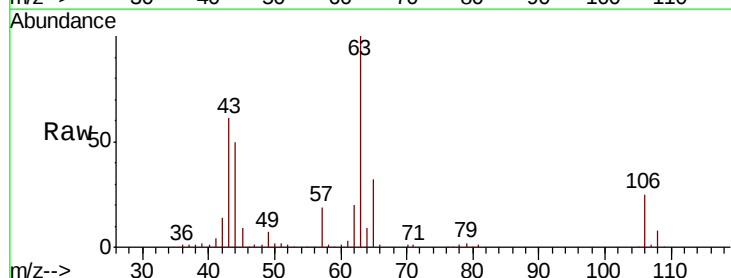
Acq: 24 Sep 2018 10:14

Tgt Ion: 63 Resp: 200859

Ion Ratio Lower Upper

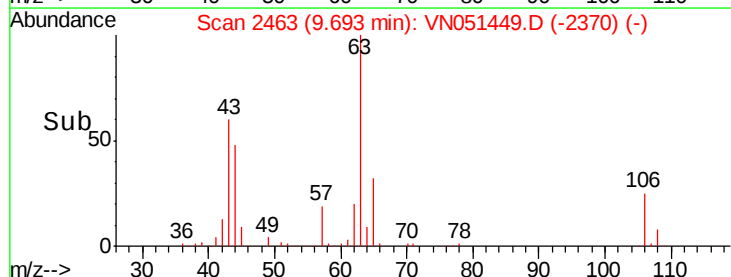
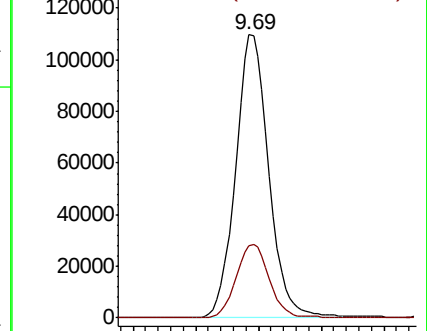
63 100

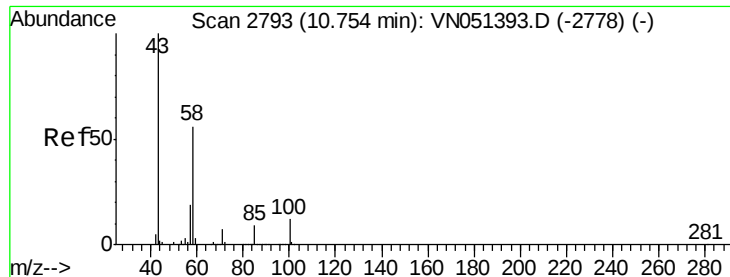
106 26.2 21.4 32.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

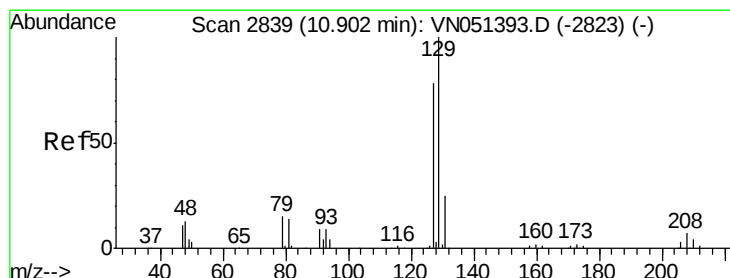
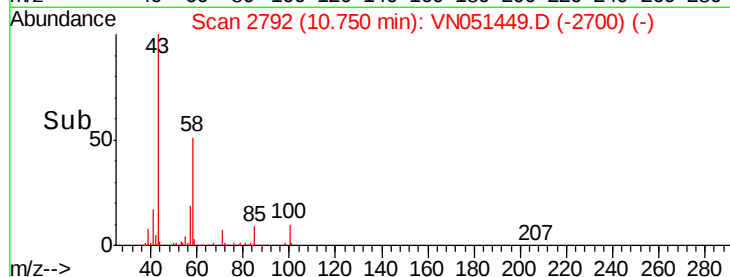
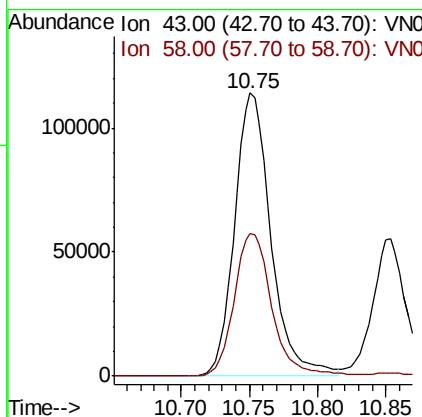
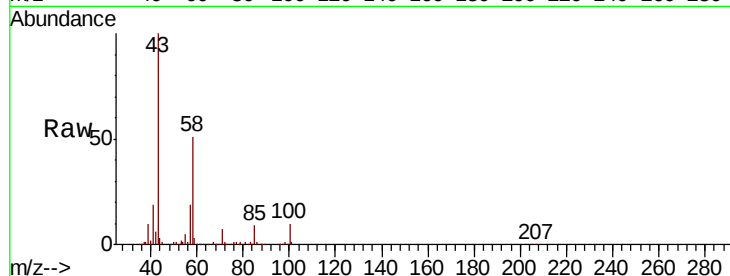




#59
2-Hexanone
Concen: 85.302 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

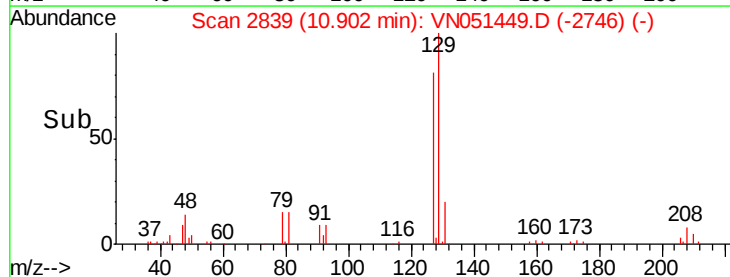
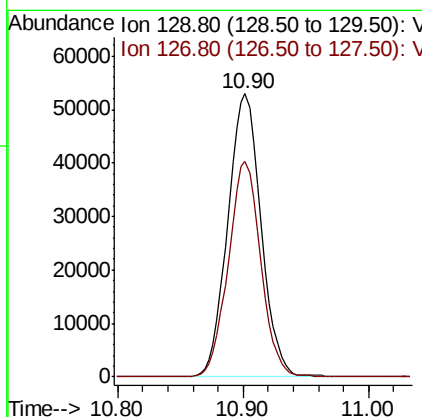
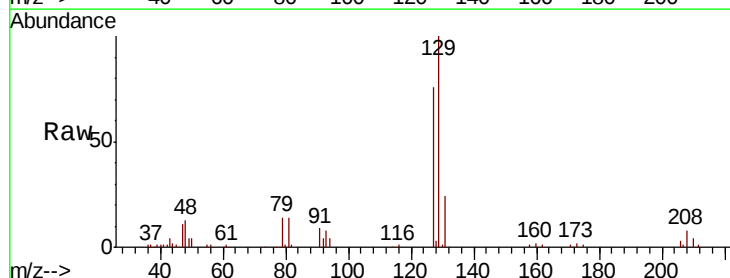
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

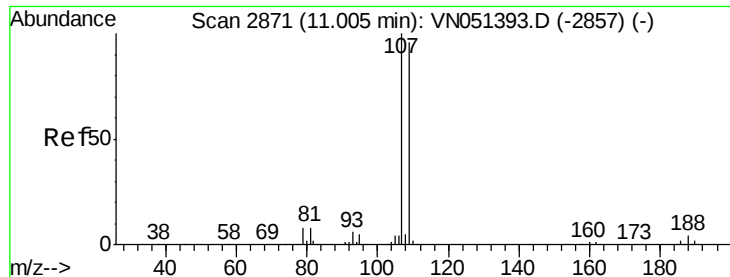
Tot Ion: 43 Resp: 208884
Ion Ratio Lower Upper
43 100
58 52.9 27.7 83.0



#60
Dibromochloromethane
Concen: 19.365 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion: 129 Resp: 97340
Ion Ratio Lower Upper
129 100
127 74.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.719 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

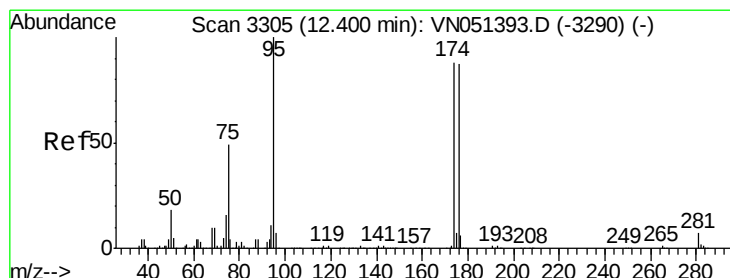
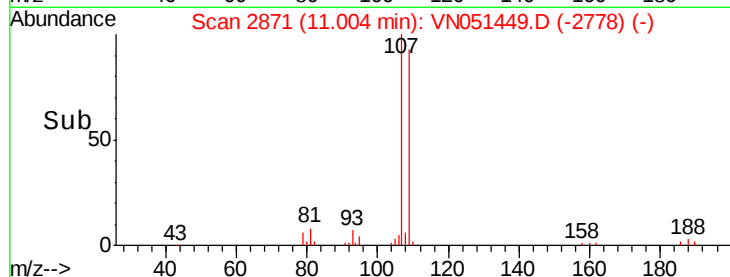
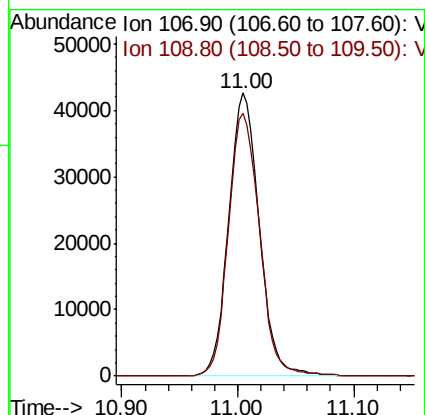
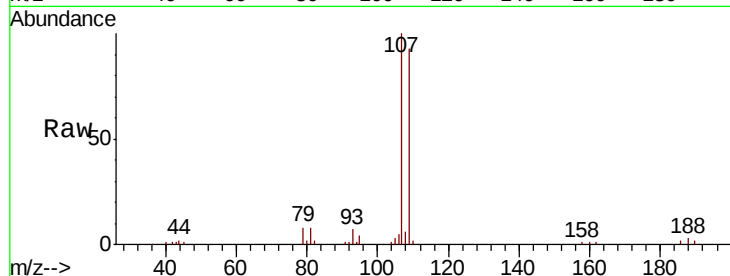
VN0924WBS01

Tot Ion: 107 Resp: 77417

Ion Ratio Lower Upper

107 100

109 94.9 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 48.119 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

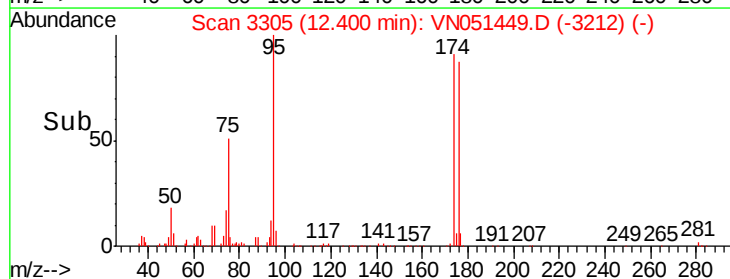
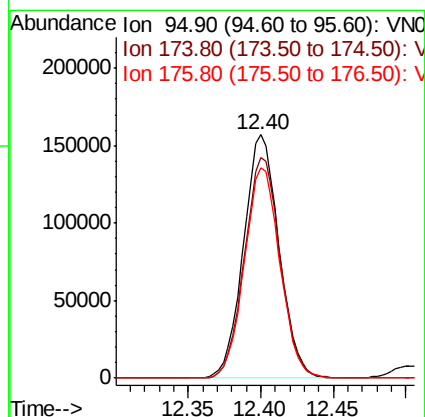
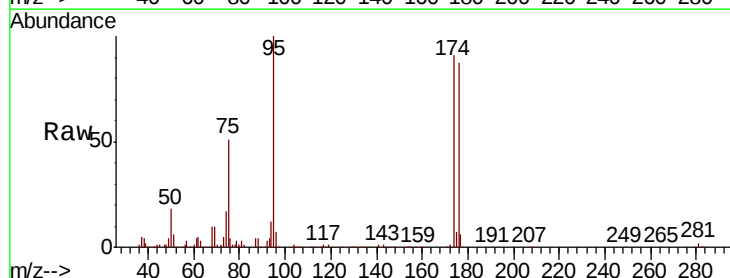
Tgt Ion: 95 Resp: 267409

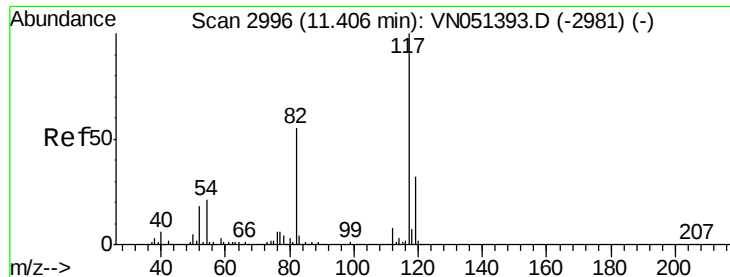
Ion Ratio Lower Upper

95 100

174 91.5 0.0 181.6

176 86.8 0.0 176.4

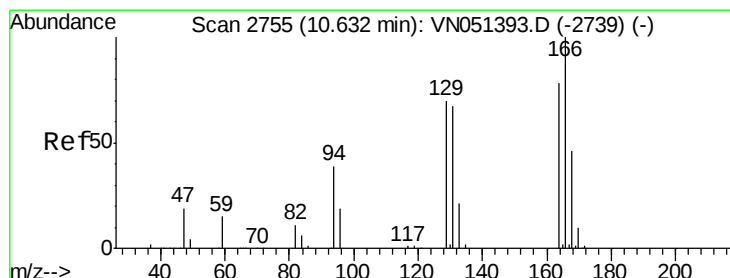
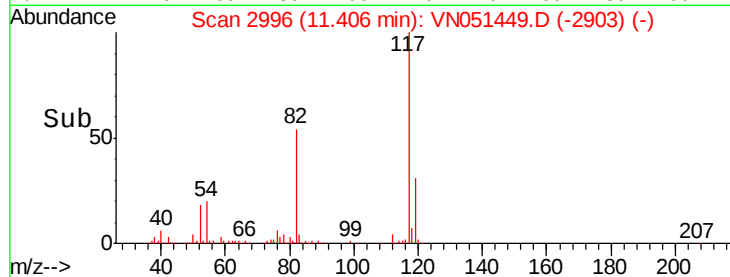
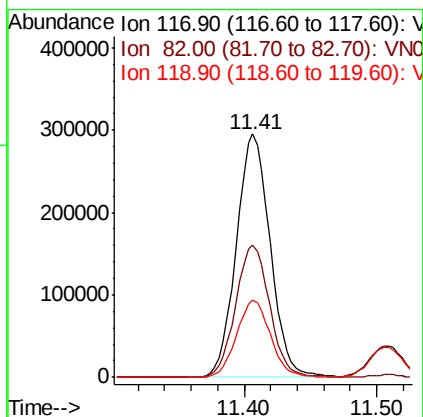
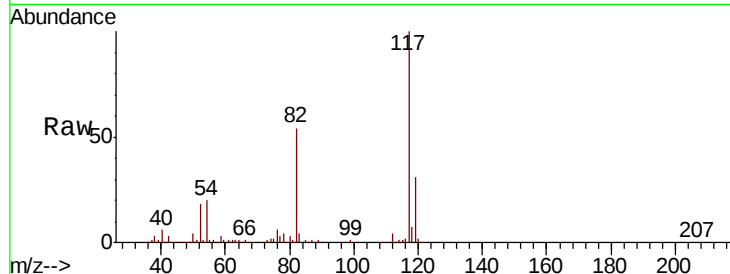




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

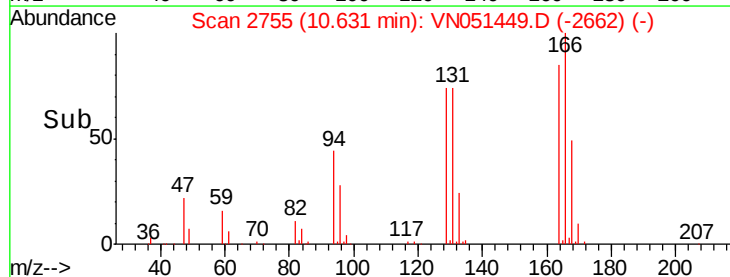
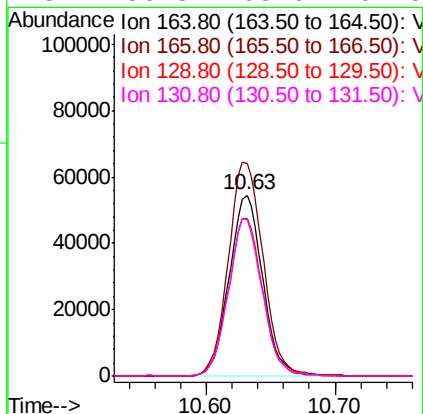
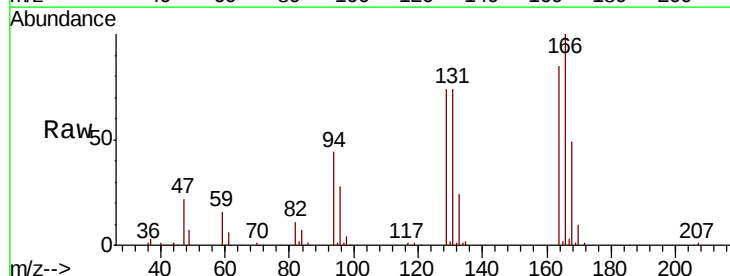
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

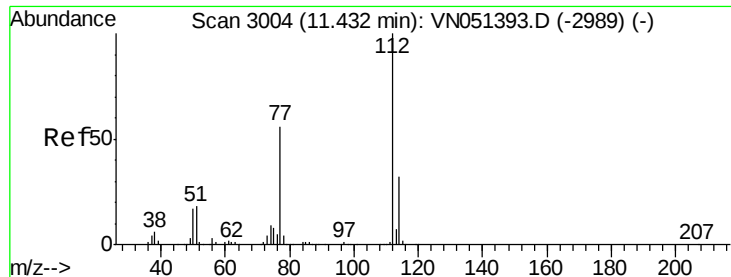
Tot Ion:117 Resp: 524638
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 20.615 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion:164 Resp: 98153
Ion Ratio Lower Upper
164 100
166 117.8 102.3 153.5
129 87.2 71.8 107.8
131 86.8 68.6 102.8

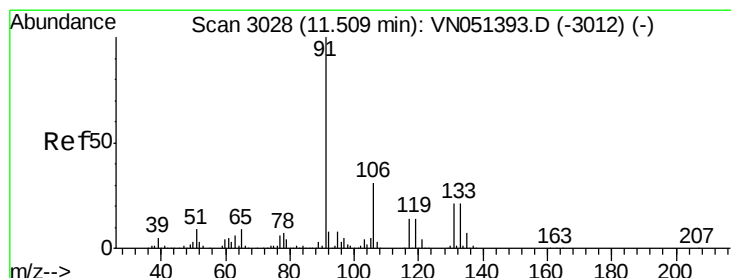
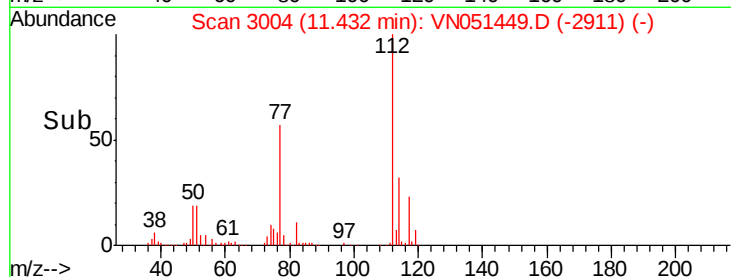
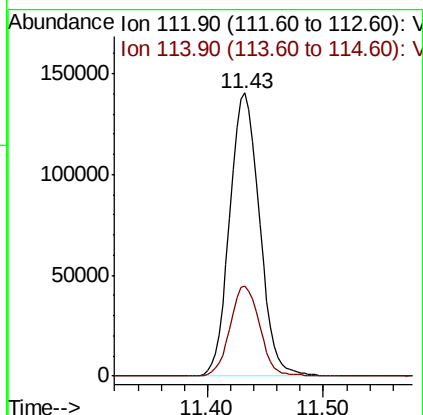
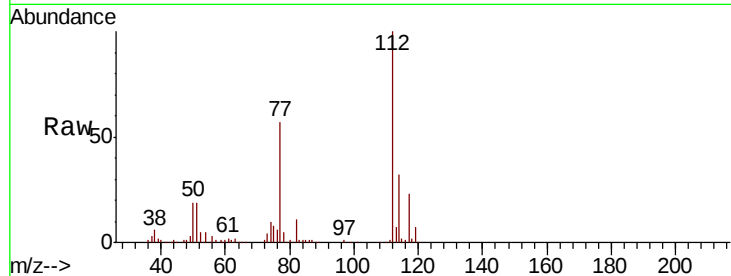




#65
Chlorobenzene
Concen: 18.629 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

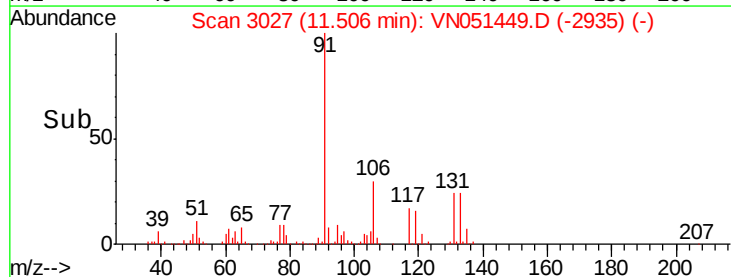
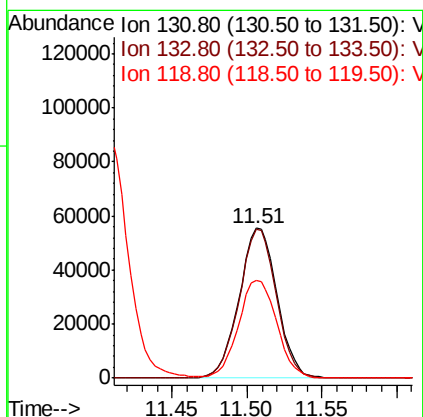
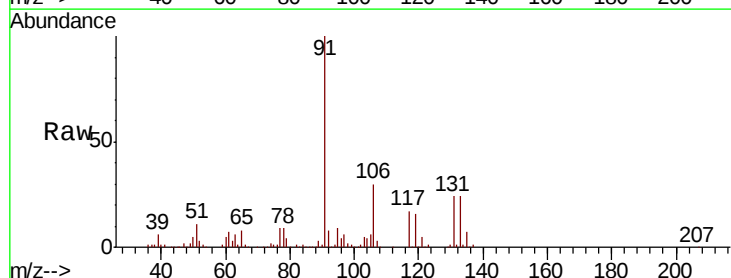
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

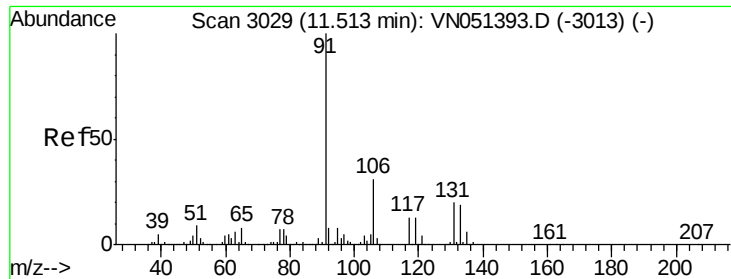
Tot Ion:112 Resp: 250749
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.140 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion:131 Resp: 98158
Ion Ratio Lower Upper
131 100
133 97.0 48.3 144.8
119 65.8 32.8 98.4

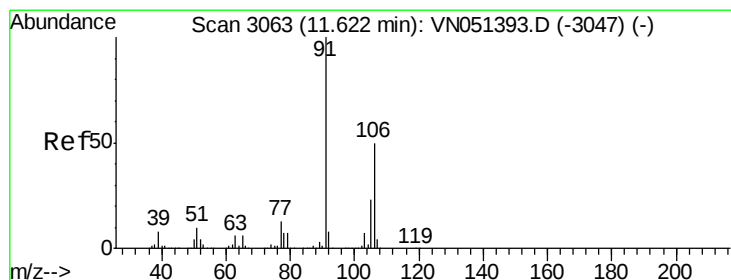
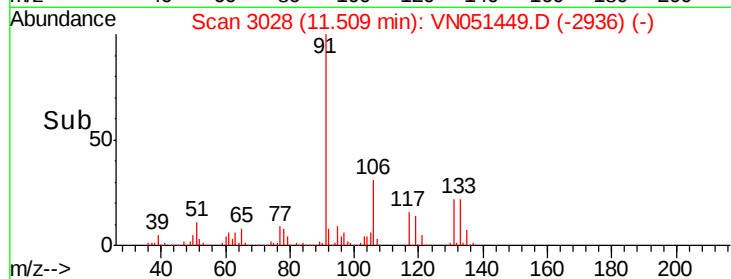
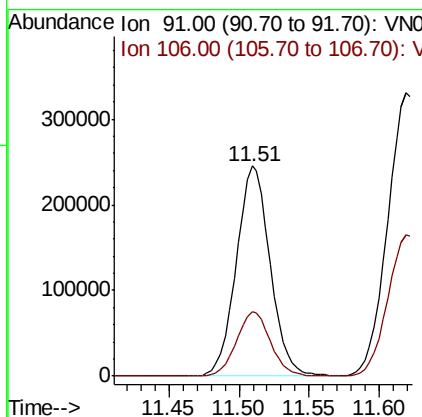
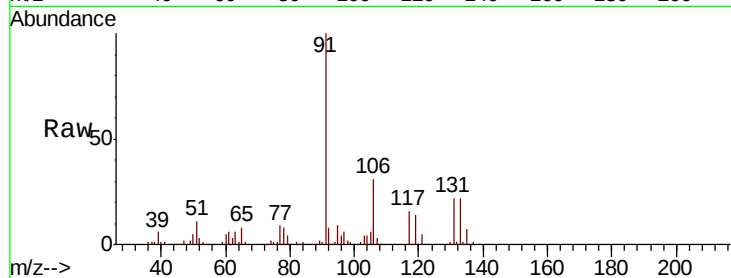




#67
Ethyl Benzene
Concen: 18.178 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

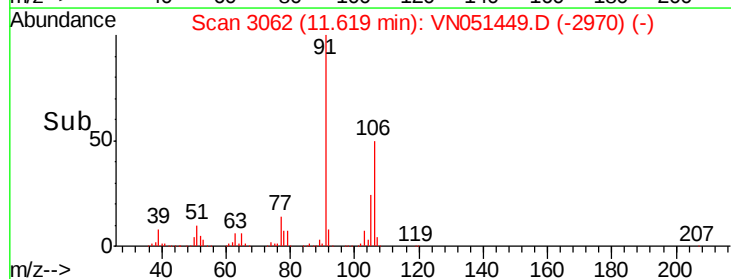
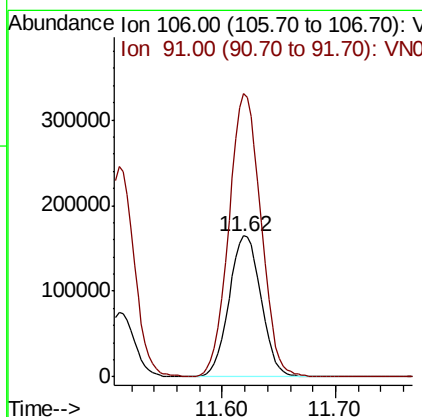
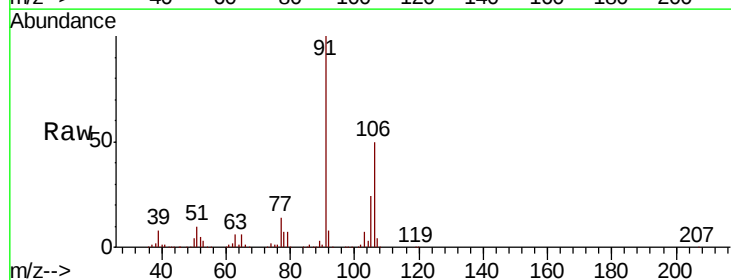
Instrument :
MSVOA_N
ClientSampled :
VN0924WBS01

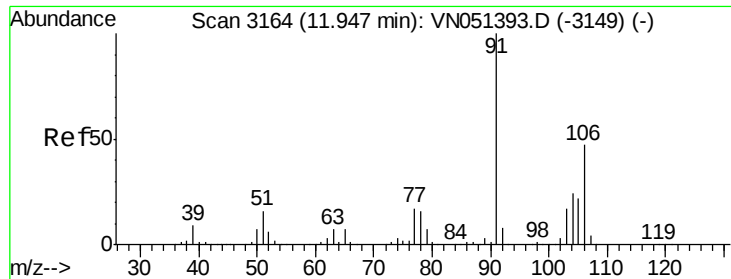
Tot Ion: 91 Resp: 412369
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4



#68
m/p-Xylenes
Concen: 37.059 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion: 106 Resp: 325173
Ion Ratio Lower Upper
106 100
91 200.1 161.3 241.9

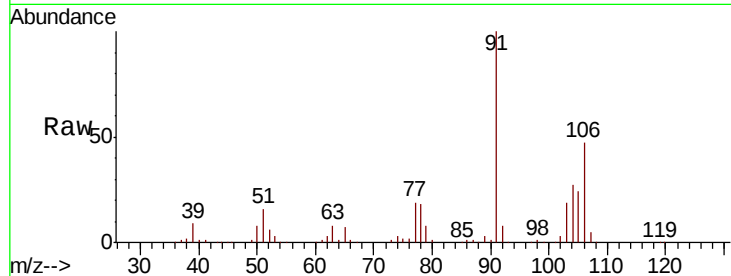




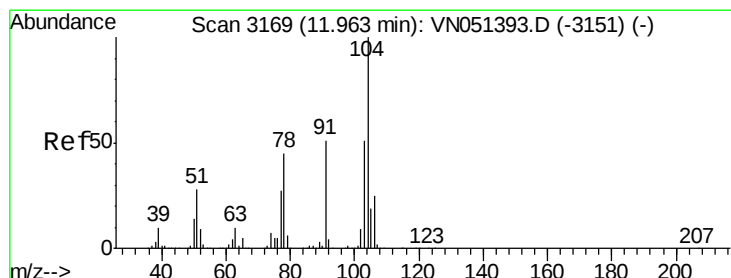
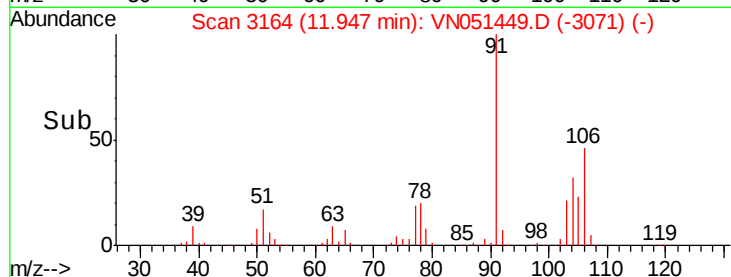
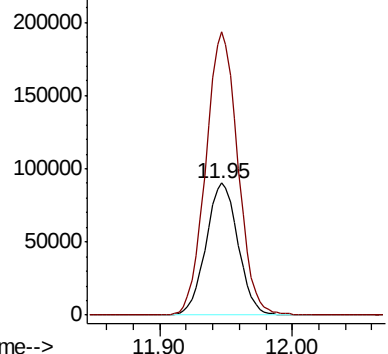
#69
o-Xylene
Concen: 17.940 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Instrument :
MSVOA_N
ClientSampled :
VN0924WBS01

Tot Ion:106 Resp: 151328
Ion Ratio Lower Upper
106 100
91 214.5 105.3 315.9

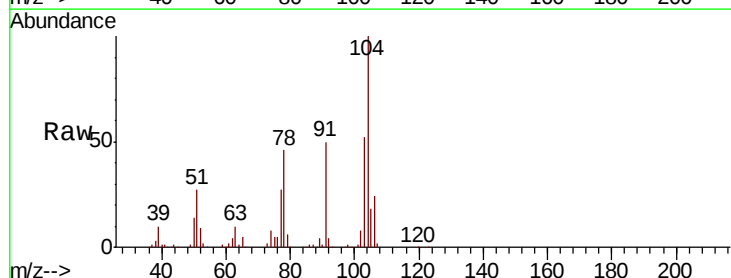


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

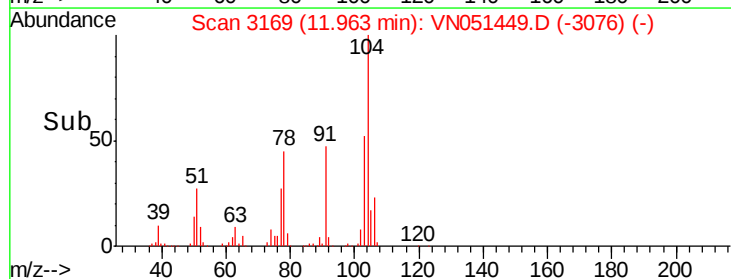
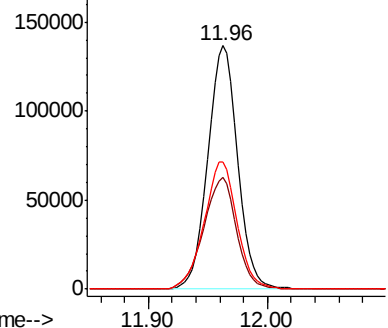


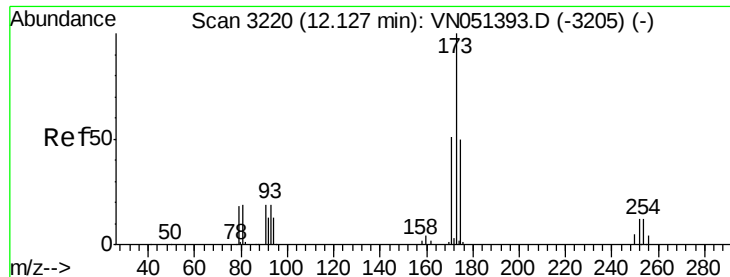
#70
Styrene
Concen: 17.788 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion:104 Resp: 237768
Ion Ratio Lower Upper
104 100
78 50.8 39.9 59.9
103 57.3 44.6 66.8



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

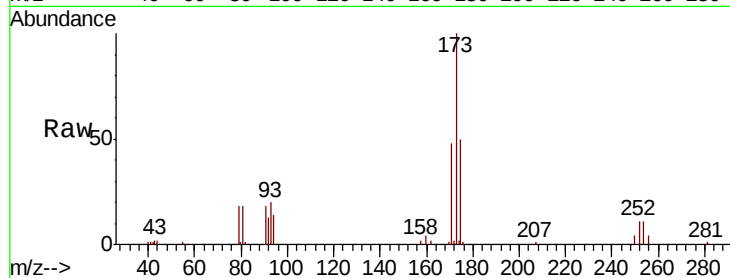




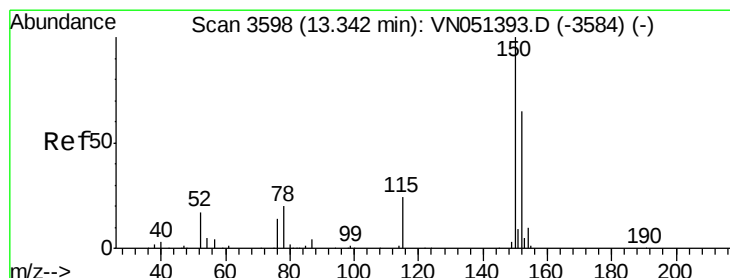
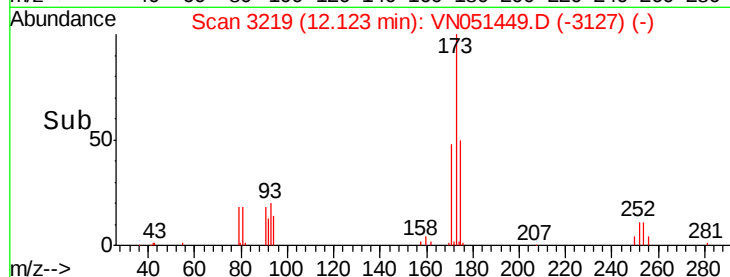
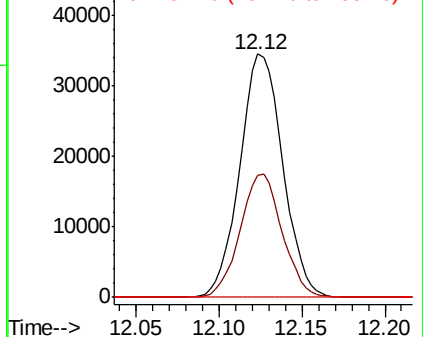
#71
Bromoform
Concen: 17.813 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tot Ion:173 Resp: 61987
Ion Ratio Lower Upper
173 100
175 49.5 24.8 74.3
254 0.0 0.2 0.2#

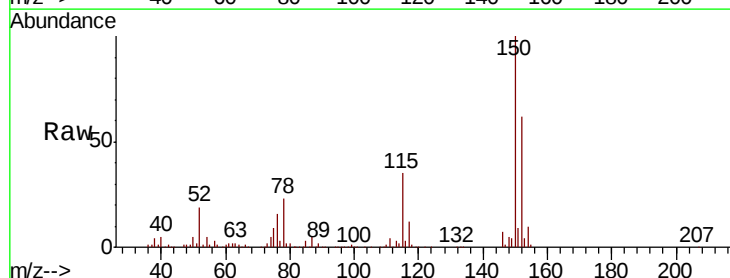


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

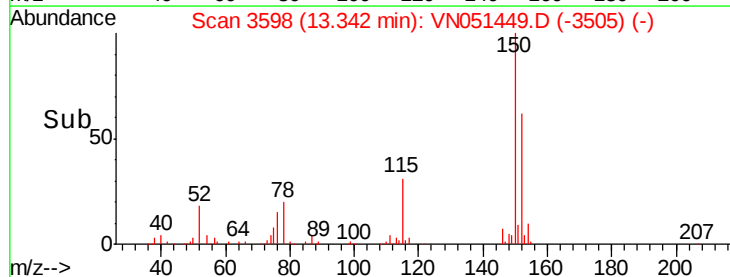
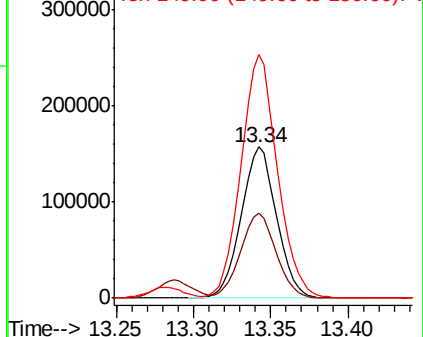


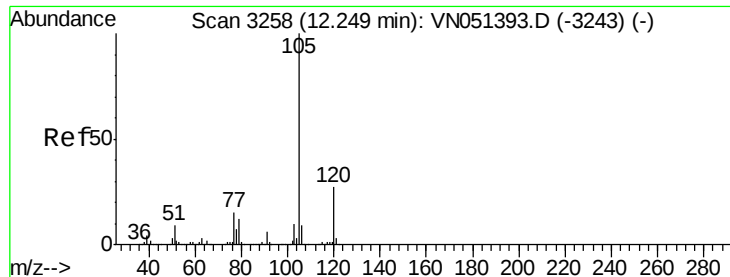
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion:152 Resp: 249655
Ion Ratio Lower Upper
152 100
115 56.5 28.3 84.9
150 166.7 0.0 353.6



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





#73

Isopropylbenzene

Concen: 19.685 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

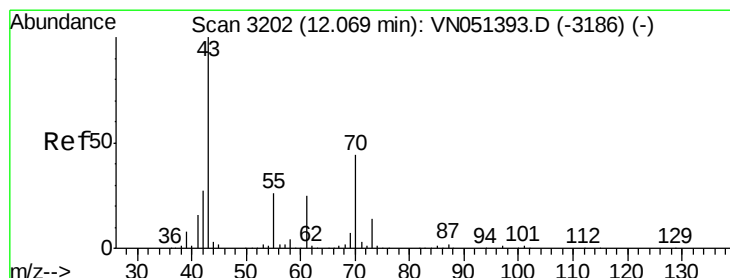
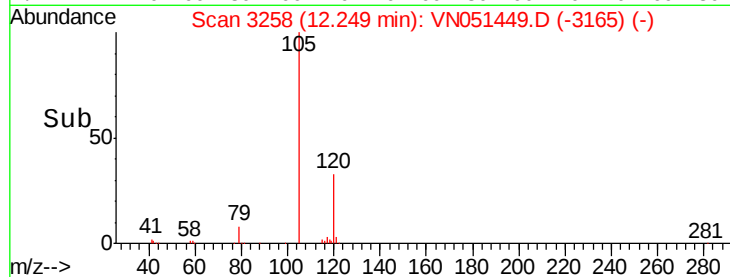
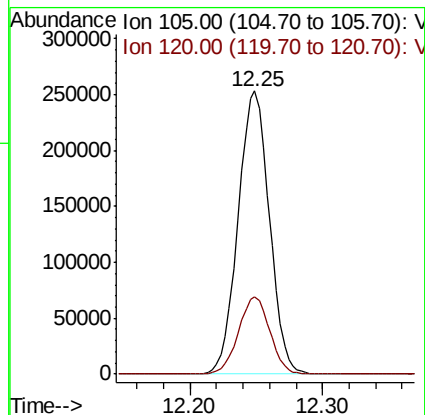
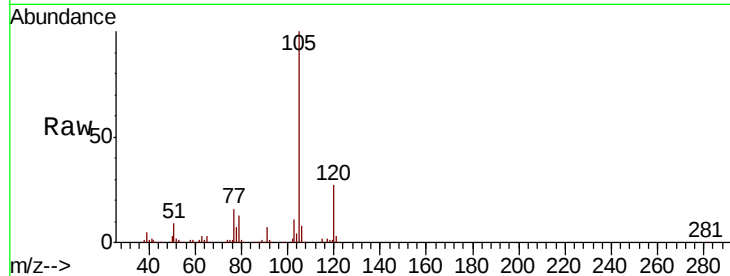
VN0924WBS01

Tot Ion:105 Resp: 414651

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8



#74

N-ethyl acetate

Concen: 16.530 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Tgt Ion: 43 Resp: 87363

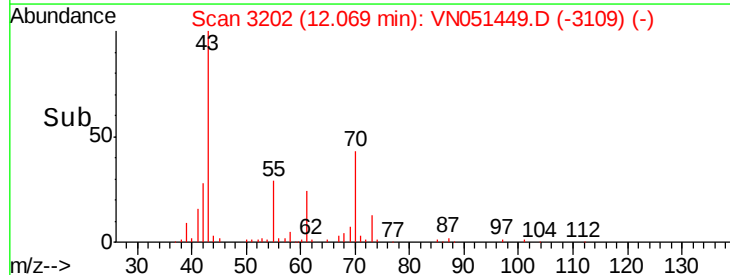
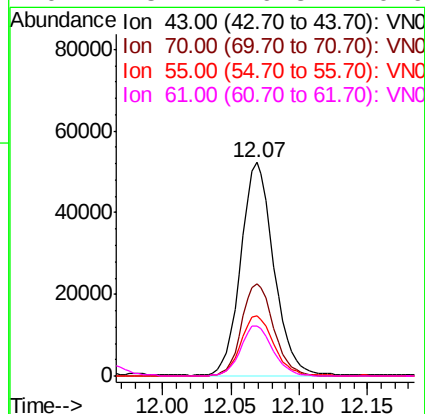
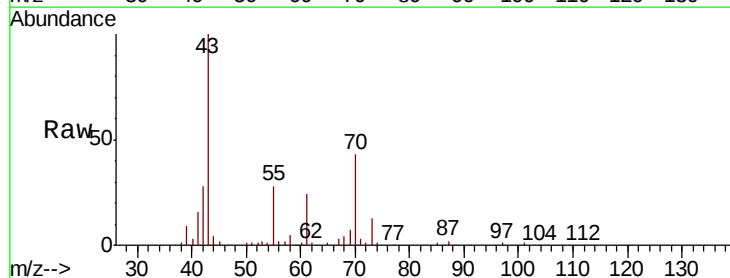
Ion Ratio Lower Upper

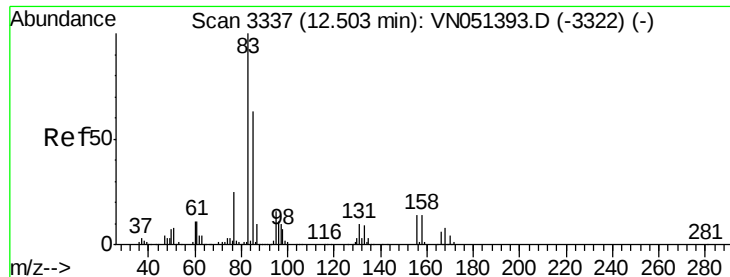
43 100

70 42.1 35.0 52.4

55 28.4 21.4 32.2

61 23.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.249 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS01

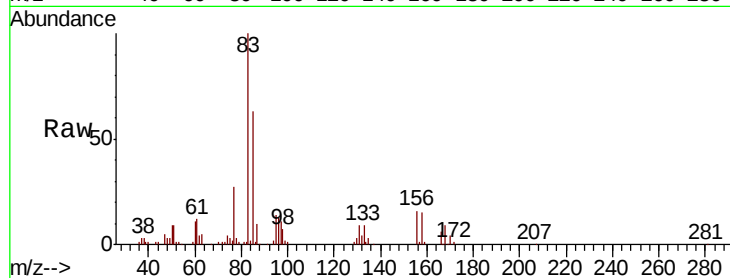
Tot Ion: 83 Resp: 94551

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

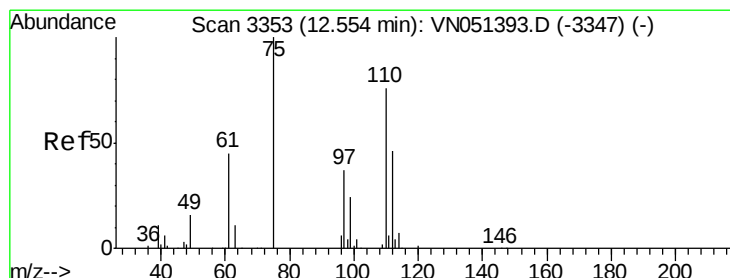
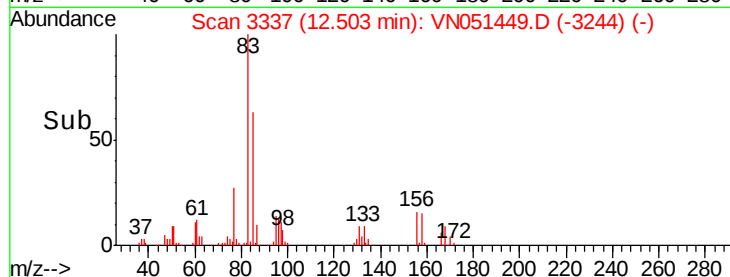
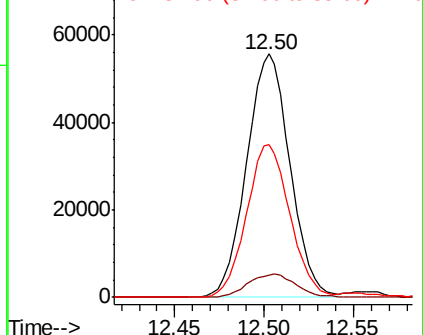
85 62.8 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VN051393.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN051393.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN051393.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 27.190 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051449.D

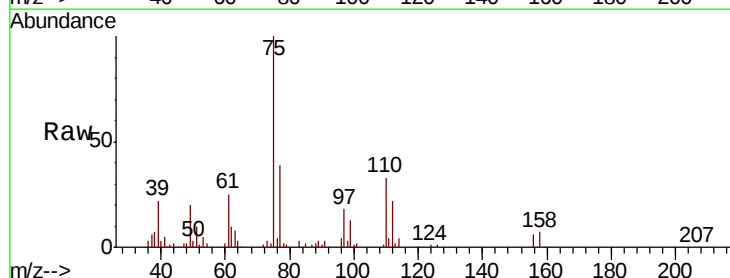
Acq: 24 Sep 2018 10:14

Tgt Ion: 75 Resp: 112687

Ion Ratio Lower Upper

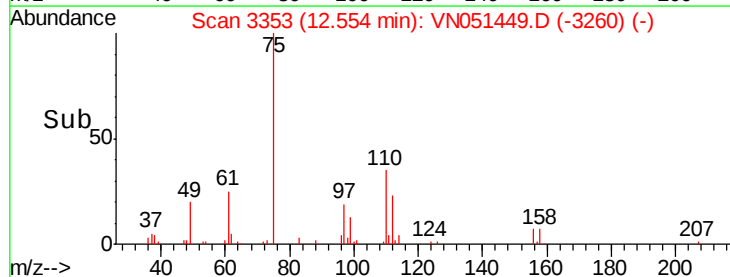
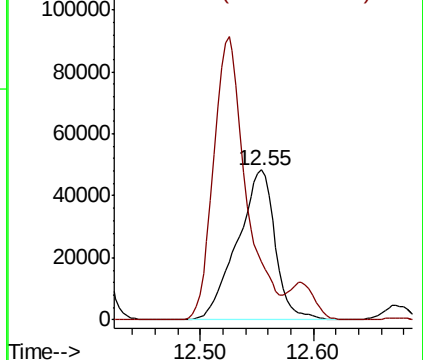
75 100

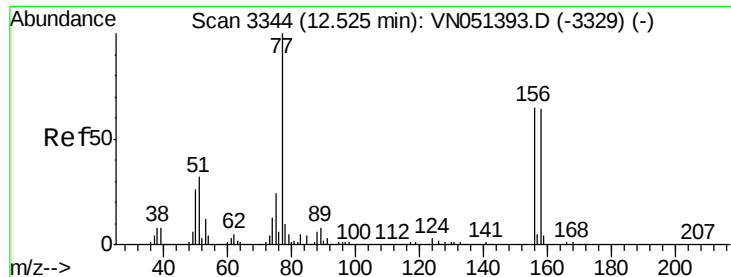
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN051393.D (-3347) (-)





#77

Bromobenzene

Concen: 19.402 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS01

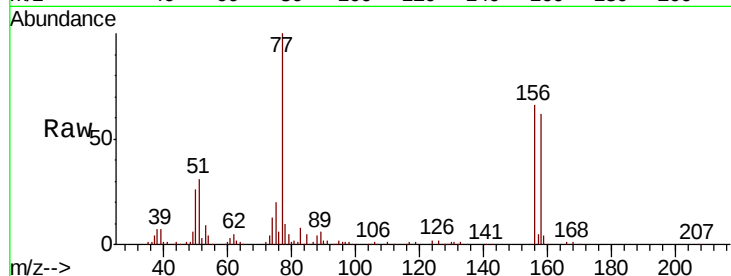
Tot Ion:156 Resp: 103457

Ion Ratio Lower Upper

156 100

77 176.6 89.5 268.4

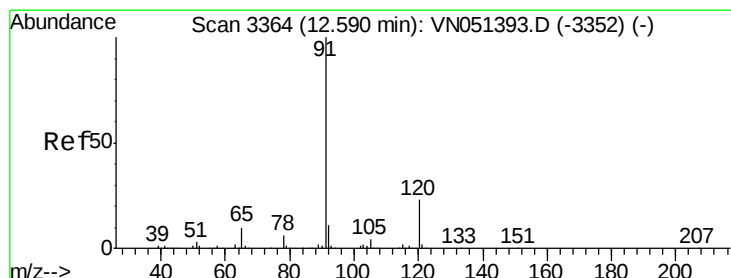
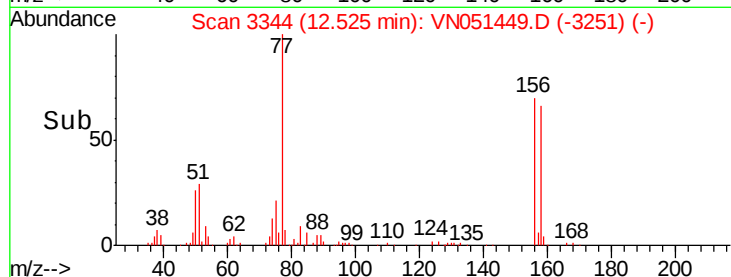
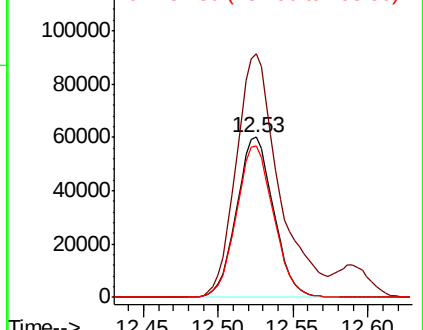
158 95.4 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.474 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051449.D

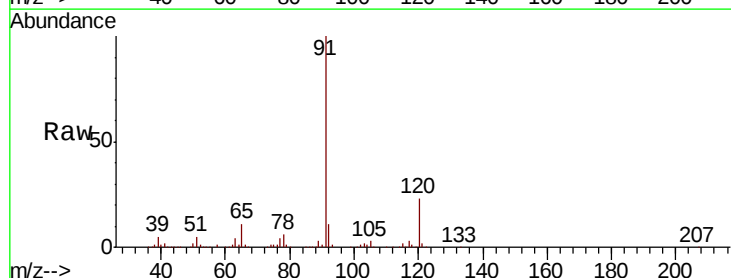
Acq: 24 Sep 2018 10:14

Tgt Ion: 91 Resp: 462319

Ion Ratio Lower Upper

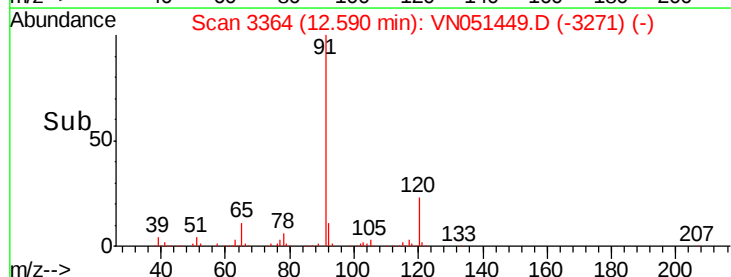
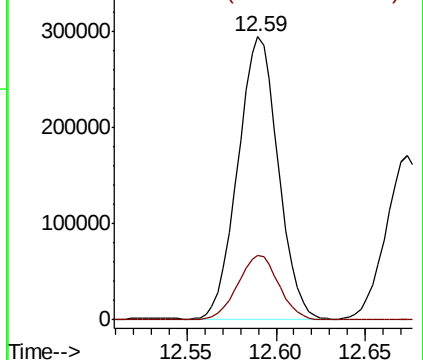
91 100

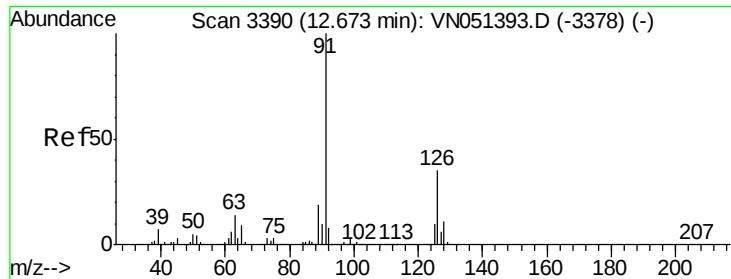
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

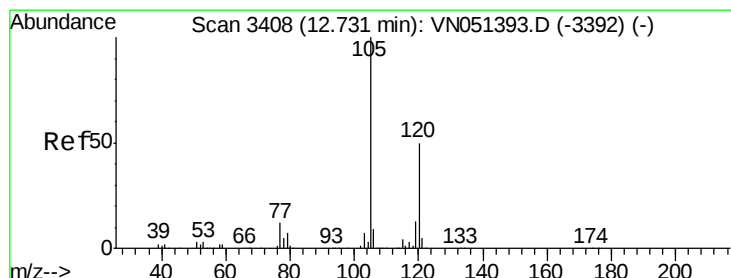
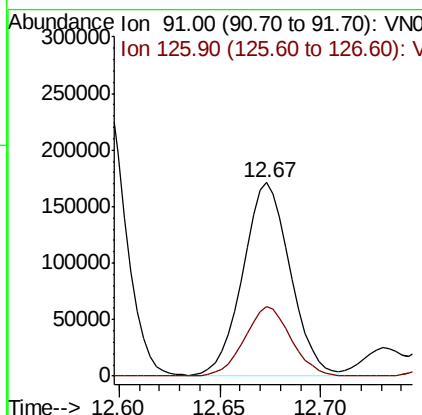
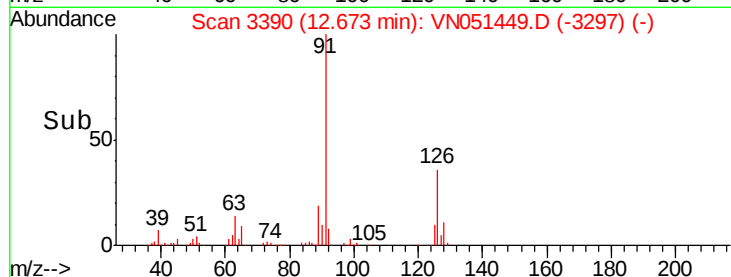
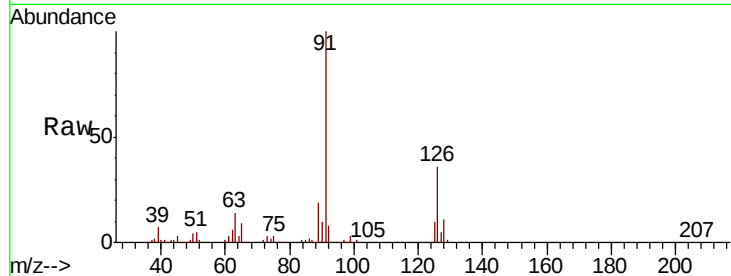




#79
 2-Chlorotoluene
 Concen: 19.674 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

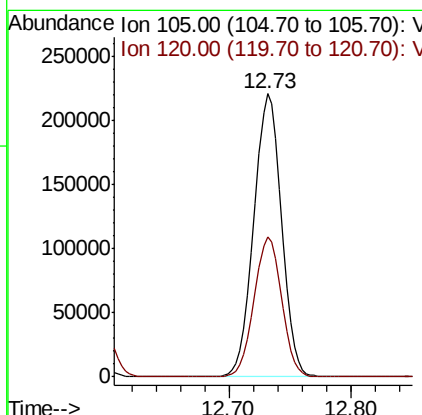
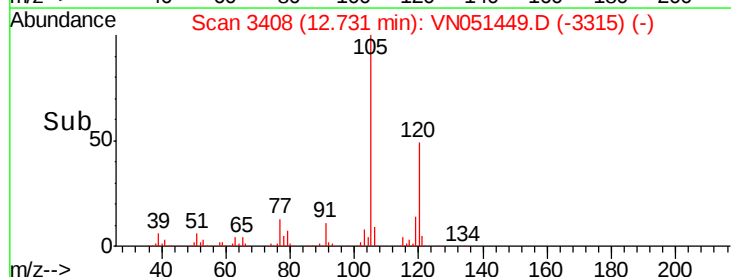
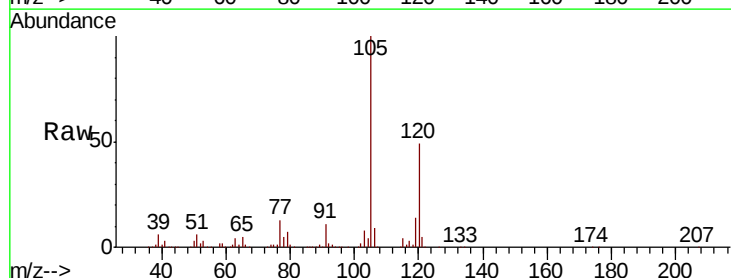
Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBS01

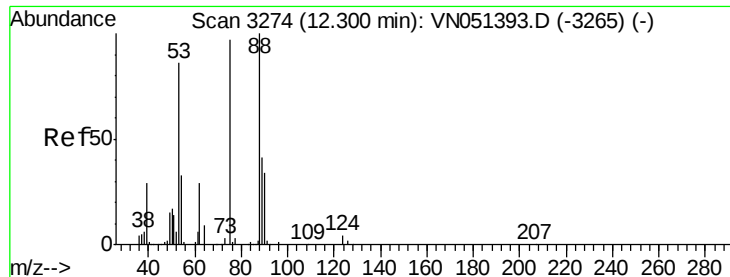
Tot Ion: 91 Resp: 279569
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.999 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Tgt Ion: 105 Resp: 343497
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.543 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS01

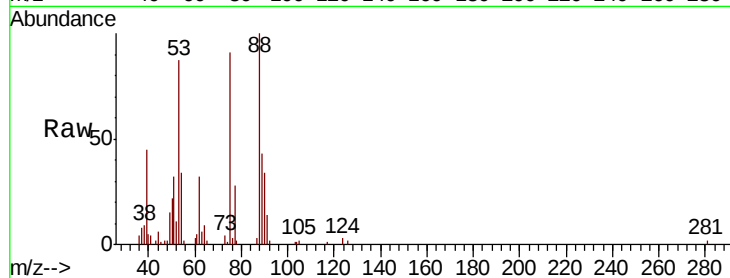
Tot Ion: 75 Resp: 23645

Ion Ratio Lower Upper

75 100

53 88.0 73.9 110.9

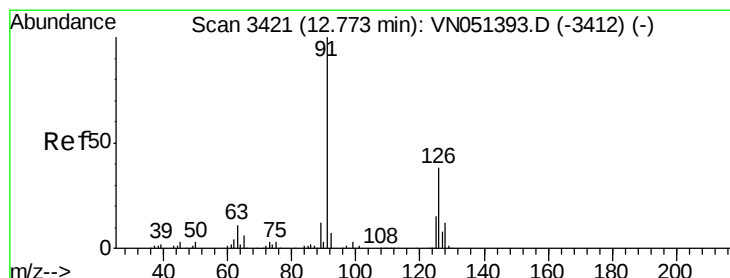
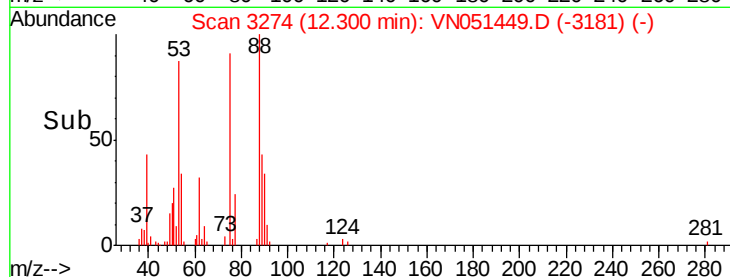
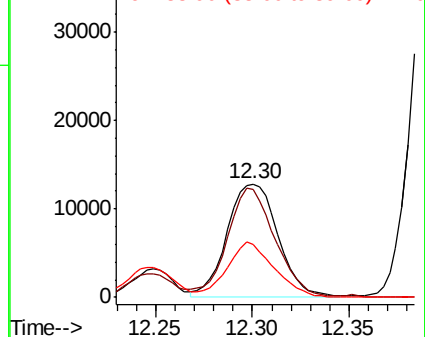
89 44.5 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.446 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051449.D

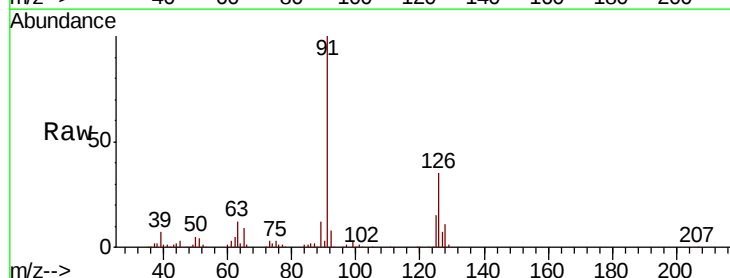
Acq: 24 Sep 2018 10:14

Tgt Ion: 91 Resp: 275802

Ion Ratio Lower Upper

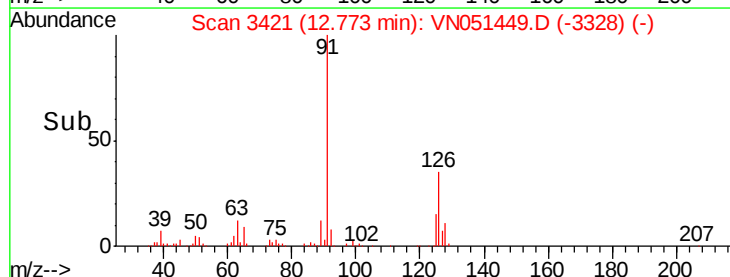
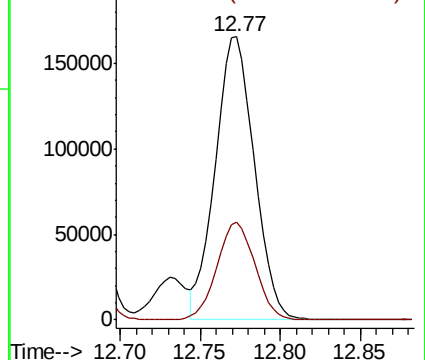
91 100

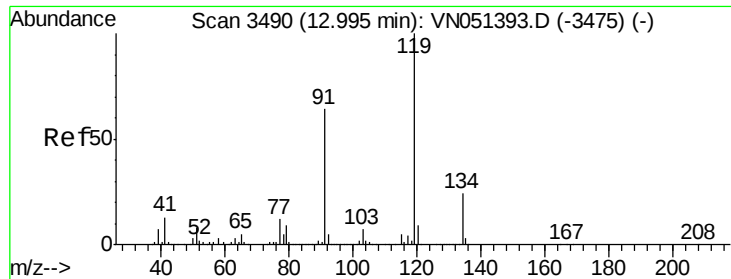
126 33.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

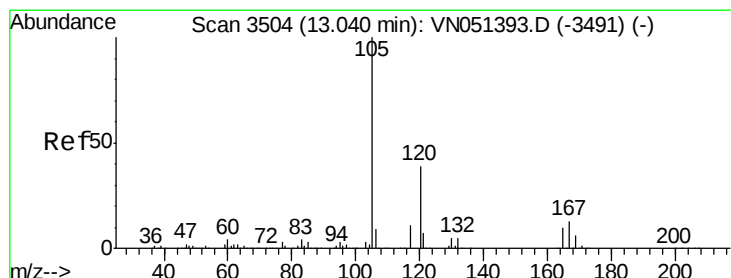
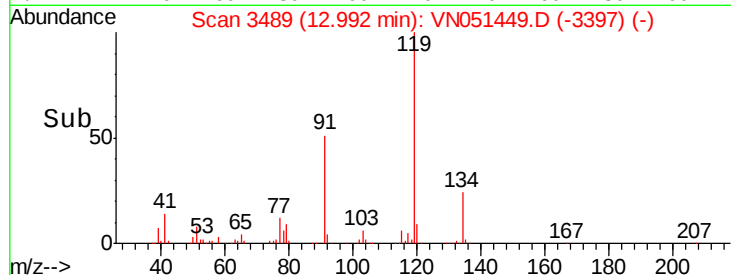
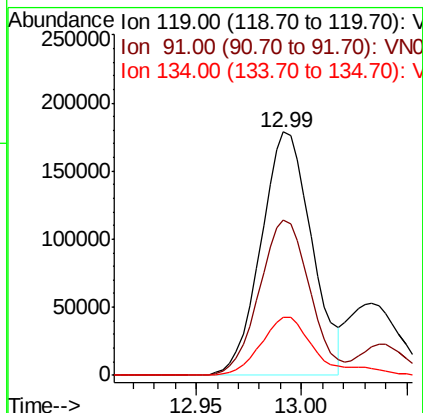
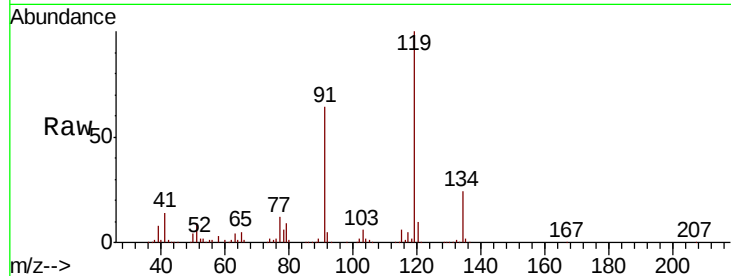




#83
tert-Butylbenzene
Concen: 19.593 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

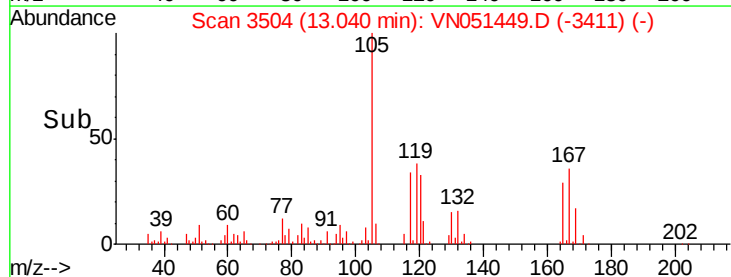
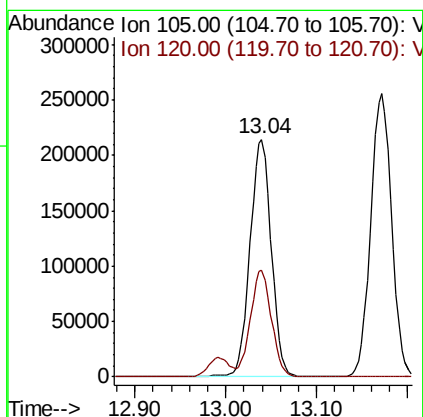
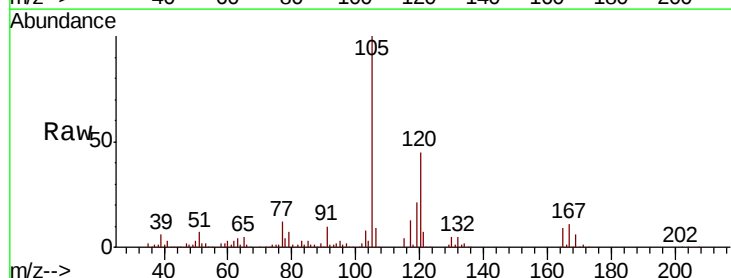
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

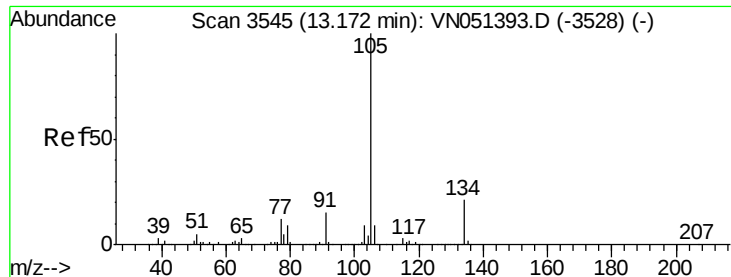
Tot Ion:119 Resp: 299545
Ion Ratio Lower Upper
119 100
91 63.5 31.7 95.1
134 26.0 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 20.134 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051449.D
Acq: 24 Sep 2018 10:14

Tgt Ion:105 Resp: 348469
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.688 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

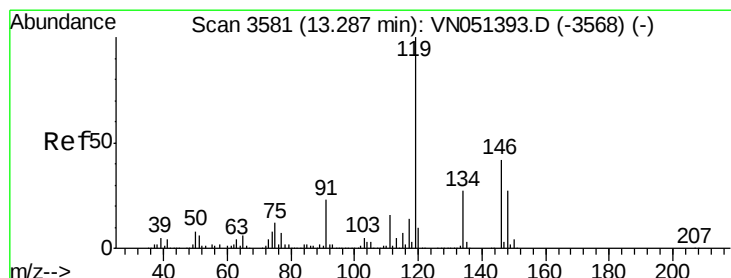
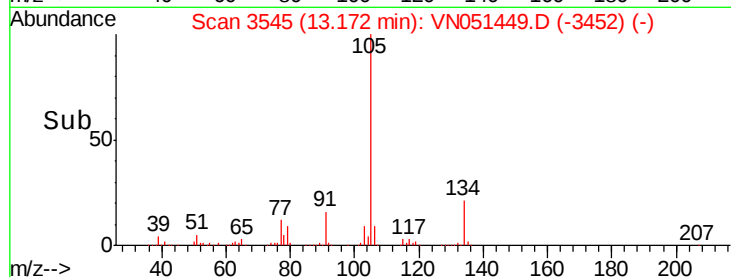
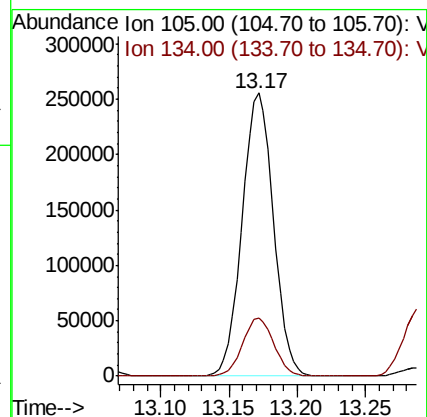
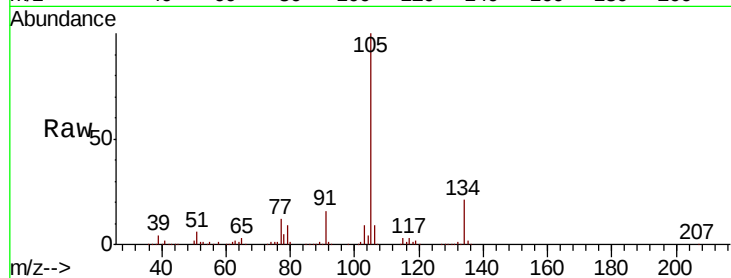
VN0924WBS01

Tot Ion:105 Resp: 407187

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.289 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

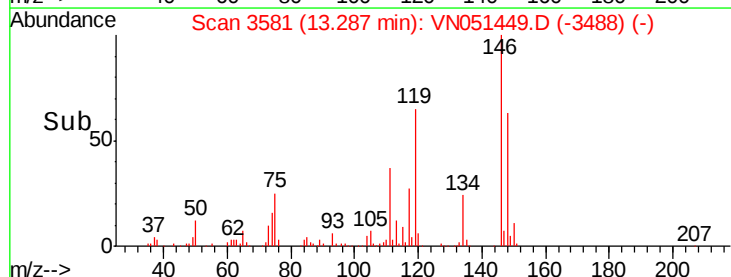
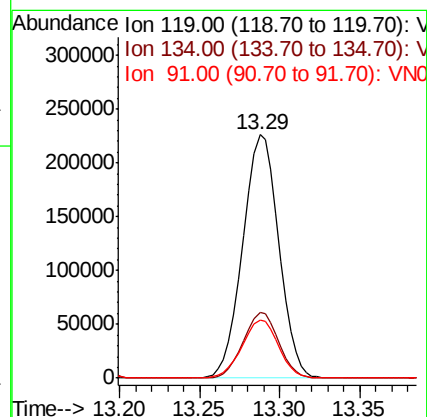
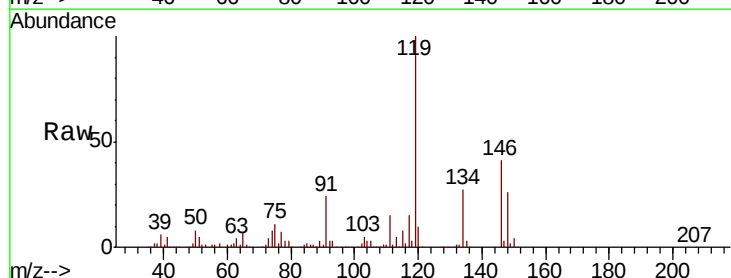
Tgt Ion:119 Resp: 345194

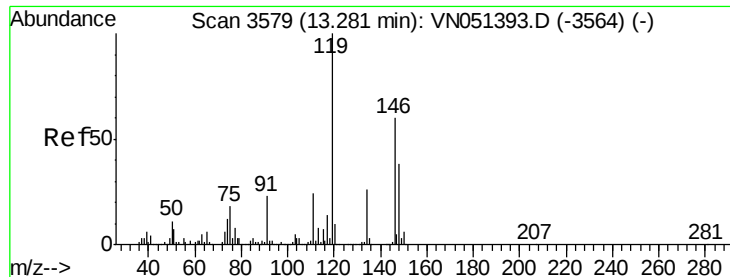
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 23.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 18.887 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampled :

VN0924WBS01

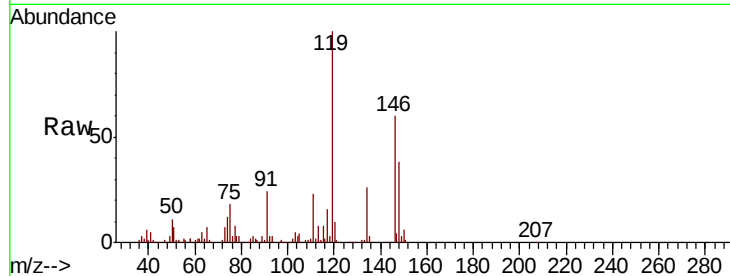
Tot Ion:146 Resp: 174285

Ion Ratio Lower Upper

146 100

111 38.2 19.7 59.1

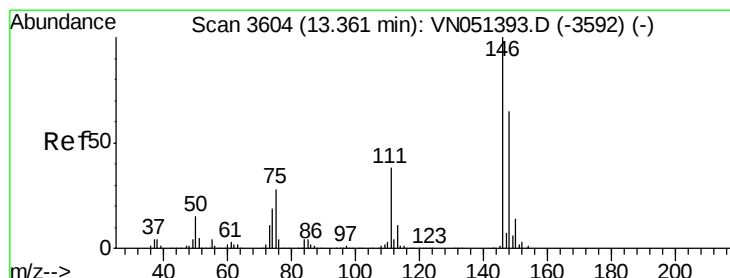
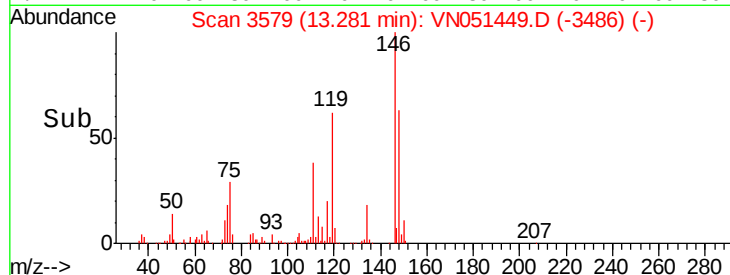
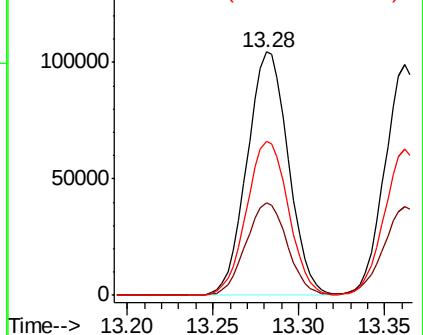
148 64.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.562 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

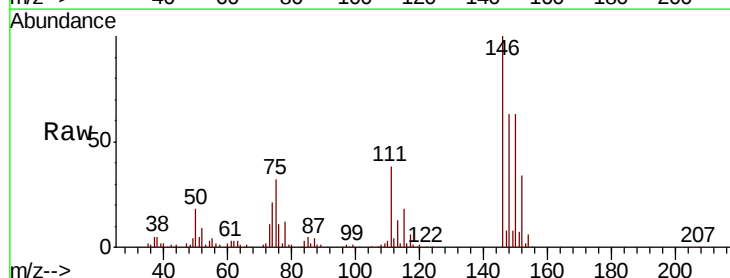
Tgt Ion:146 Resp: 164808

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.1

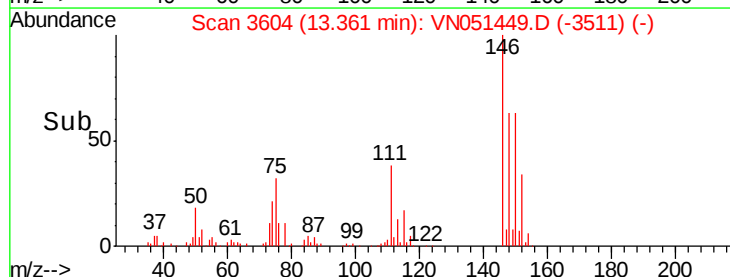
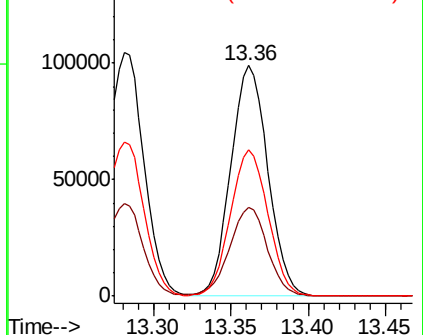
148 64.3 32.5 97.5

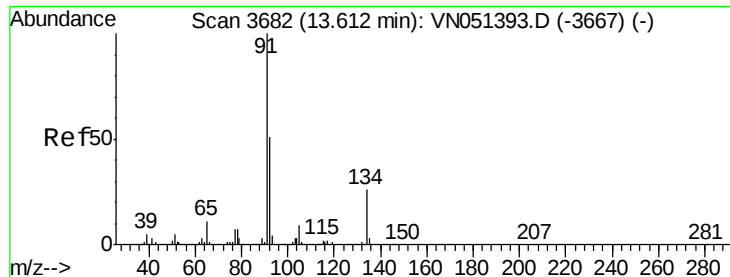


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.473 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

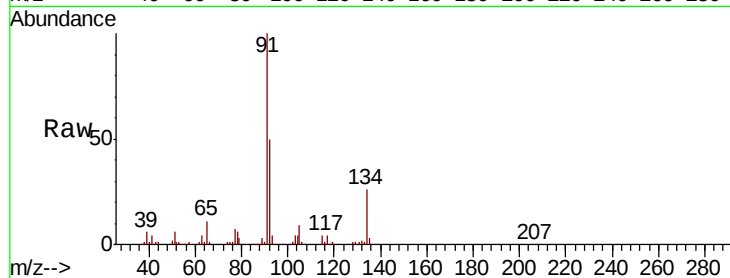
Tot Ion: 91 Resp: 257144

Ion Ratio Lower Upper

91 100

92 50.7 25.5 76.5

134 26.1 13.3 39.8

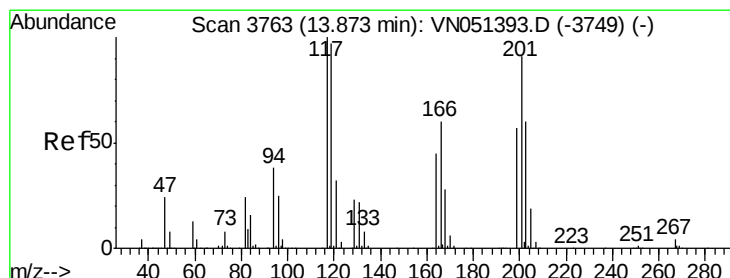
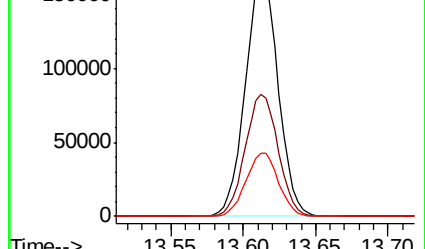
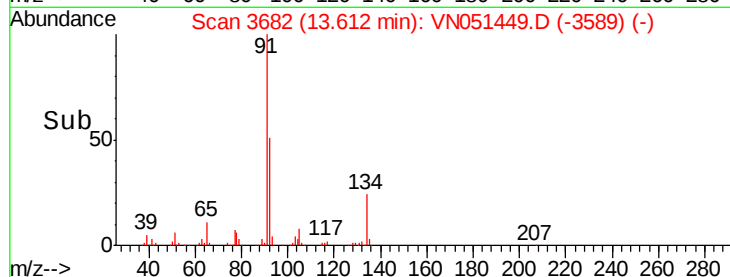


Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051393.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051393.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 19.309 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN051449.D

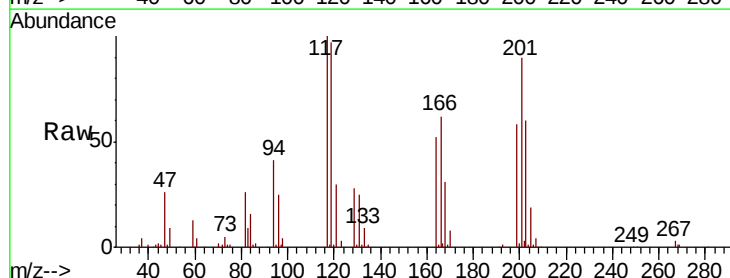
Acq: 24 Sep 2018 10:14

Tgt Ion: 117 Resp: 68850

Ion Ratio Lower Upper

117 100

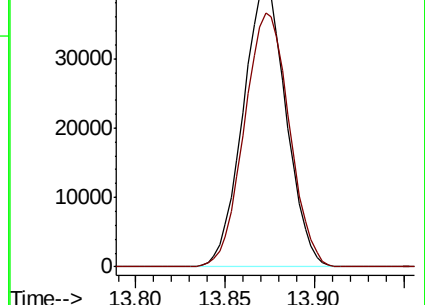
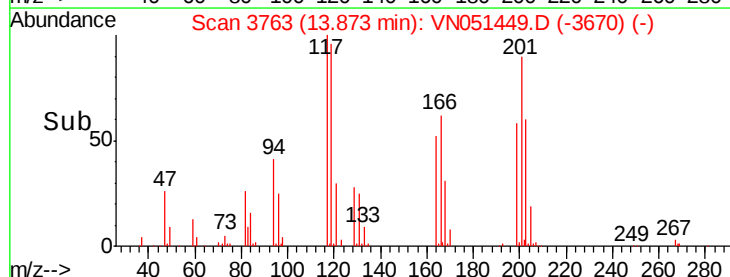
201 93.7 45.5 136.4

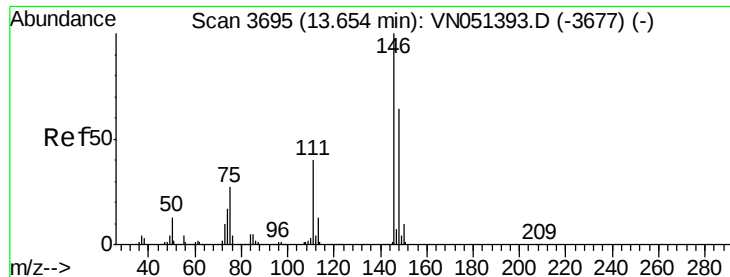


Abundance Ion 116.80 (116.50 to 117.50): VN051393.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN051393.D (-3749) (-)

Time-->

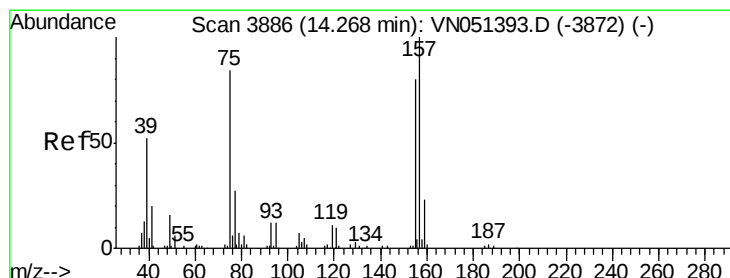
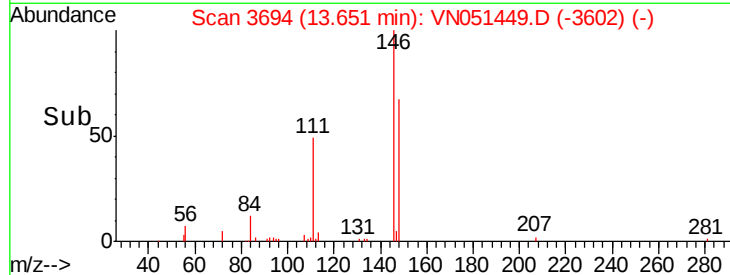
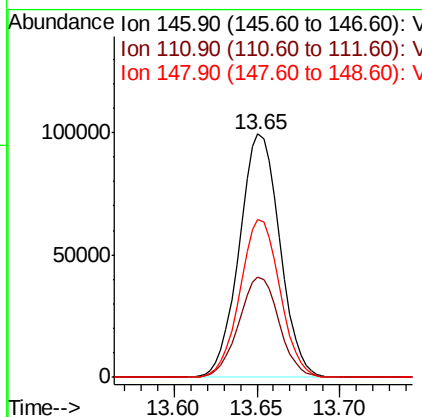
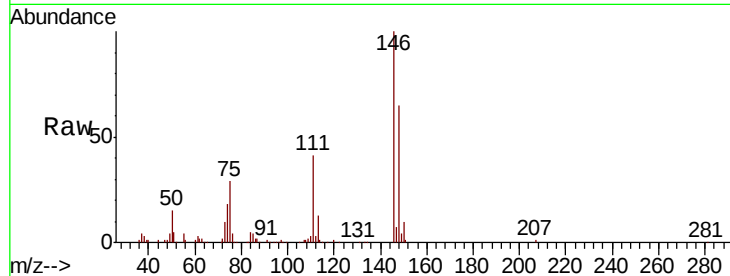




#91
 1,2-Dichlorobenzene
 Concen: 18.840 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

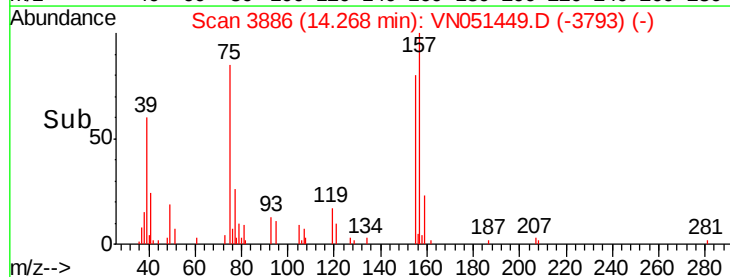
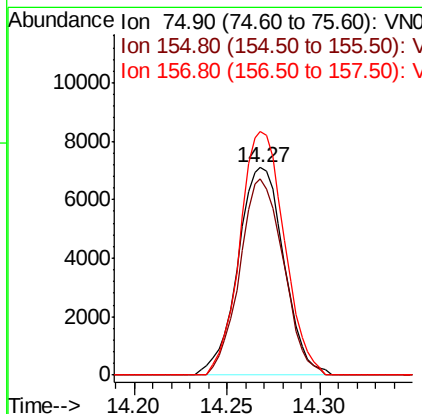
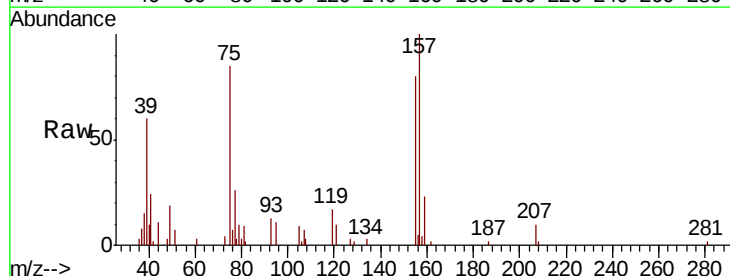
Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBS01

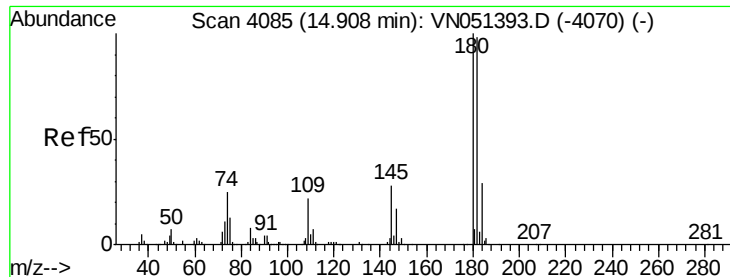
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	60.0
148	64.0	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.452 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	46.9	140.6
157	113.1	58.4	175.1

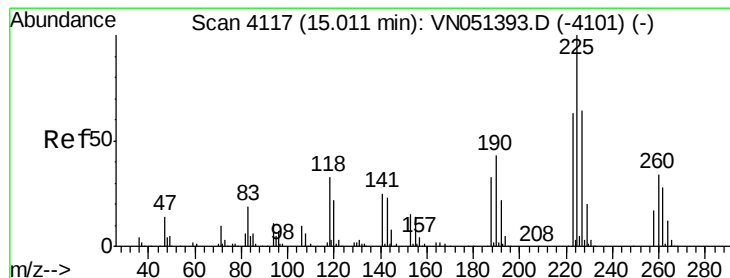
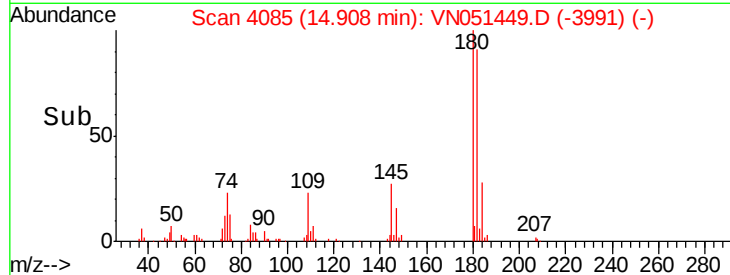
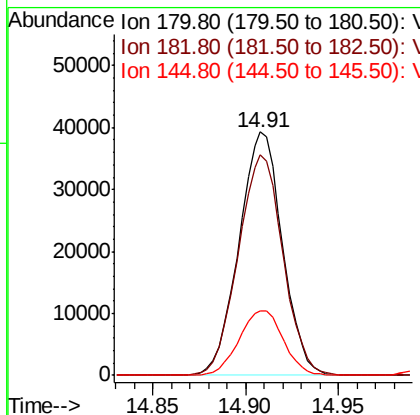
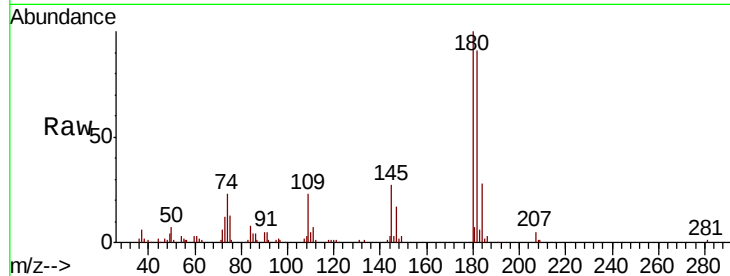




#93
 1,2,4-Trichlorobenzene
 Concen: 17.630 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

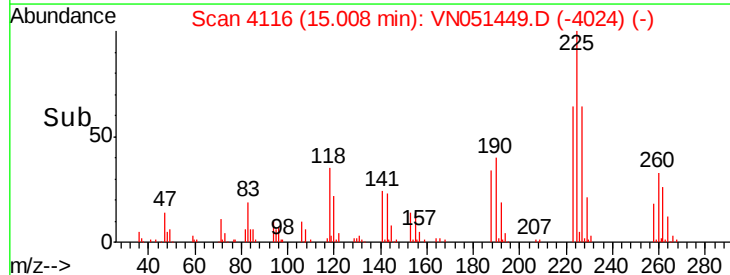
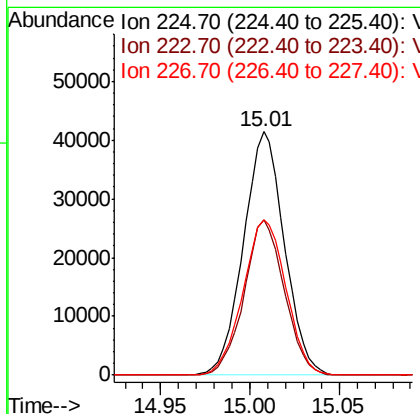
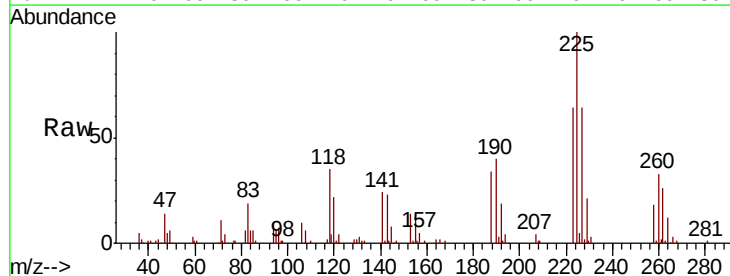
Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBS01

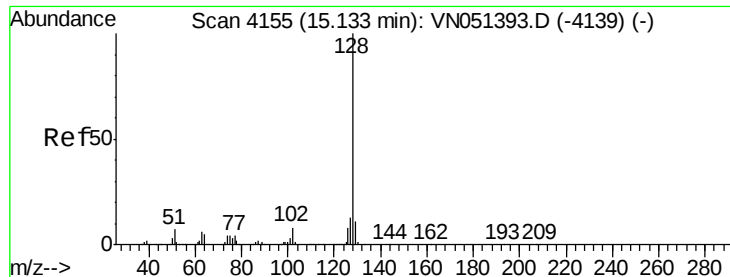
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.5	145.6
145	26.9	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 19.590 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051449.D
 Acq: 24 Sep 2018 10:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.9
227	66.7	32.5	97.5





#95

Naphthalene

Concen: 16.474 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

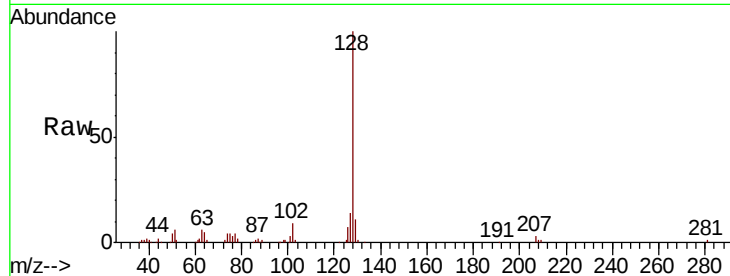
Tot Ion:128 Resp: 93253

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

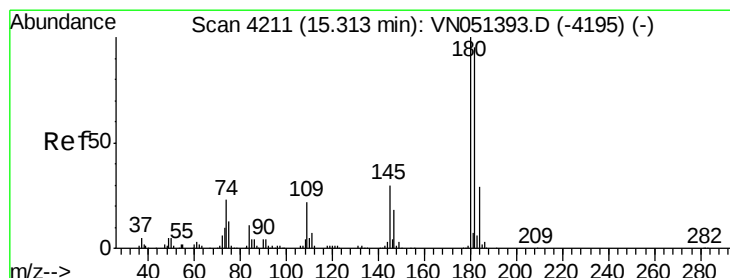
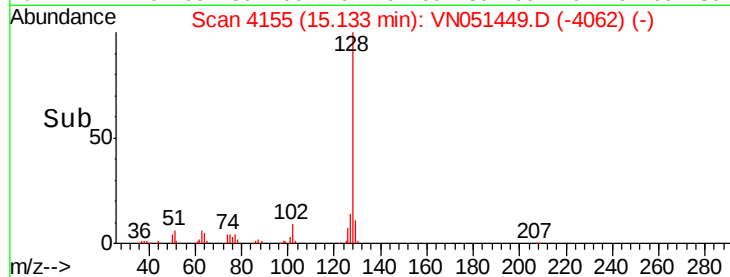
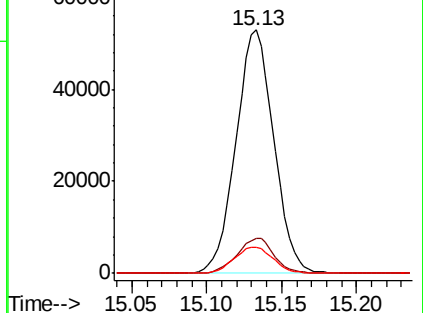
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 14.970 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051449.D

Acq: 24 Sep 2018 10:14

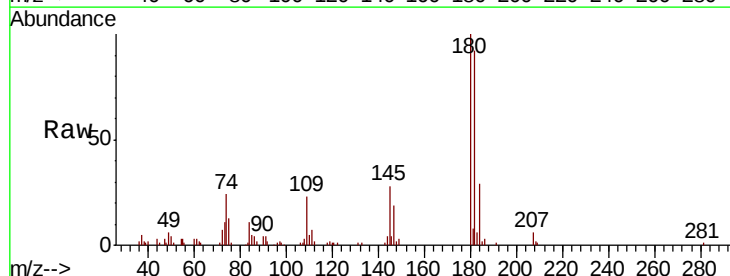
Tgt Ion:180 Resp: 64324

Ion Ratio Lower Upper

180 100

182 96.9 47.2 141.6

145 28.3 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

