

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052284.D
 Acq On : 13 Nov 2018 14:10
 Operator : MD\SY
 Sample : VN1113WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 01:02:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	46224	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	270976	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	238508	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	110784	32.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.63%
60) 4-Bromofluorobenzene	12.40	95	108962	28.56	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.20%
63) Toluene-d8	10.09	98	341556	30.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	70398	22.803	ug/l 99
3) Chloromethane	2.06	50	80755	22.887	ug/l 98
4) Vinyl Chloride	2.19	62	68328	19.741	ug/l 100
5) Bromomethane	2.58	94	39412	16.682	ug/l 98
6) Chloroethane	2.71	64	38760	17.513	ug/l 96
7) Trichlorofluoromethane	3.03	101	94691	20.202	ug/l 99
8) Diethyl Ether	3.41	74	34217	21.621	ug/l 86
9) 1,1,2-Trichlorotrifluoroet	3.77	101	59093	21.571	ug/l 95
10) 1,1-Dichloroethene	3.74	96	51672	20.214	ug/l 98
11) Methyl Iodide	3.96	142	73203	19.806	ug/l 95
12) Methyl Acetate	4.33	43	53593	24.909	ug/l 97
13) Acrolein	3.61	56	24434	107.066	ug/l 97
14) Acrylonitrile	4.99	53	108134	113.330	ug/l 99
15) Acetone	3.82	58	27009	119.769	ug/l 80
16) Carbon Disulfide	4.06	76	145213	19.239	ug/l 96
17) Allyl chloride	4.33	41	98693	22.739	ug/l 97
18) Methylene Chloride	4.55	84	60033	19.027	ug/l # 83
19) trans-1,2-Dichloroethene	5.05	96	54801	19.566	ug/l 95
20) Diisopropyl ether	5.96	45	223910	23.741	ug/l 98
21) 1,1-Dichloroethane	5.86	63	119485	21.679	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	63553	19.432	ug/l 90
23) tert-Butyl Alcohol	4.78	59	18802	126.474	ug/l # 99
24) Methyl tert-Butyl Ether	5.05	73	151831	20.951	ug/l # 81
25) Chloroform	7.37	83	113413	20.493	ug/l 92
26) Cyclohexane	7.66	56	105671	21.387	ug/l # 91
29) 1,1-Dichloropropene	7.80	75	85871	19.960	ug/l 99
30) 2-Butanone	6.84	43	134627	117.507	ug/l # 82
31) 2,2-Dichloropropane	6.83	77	87513	19.747	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	92435	19.203	ug/l 97
33) Carbon Tetrachloride	7.78	117	82341	19.235	ug/l 99
34) Benzene	8.04	78	253818	20.149	ug/l 95
35) Methacrylonitrile	7.18	41	35491	22.585	ug/l # 80
36) 1,2-Dichloroethane	8.13	62	88692	21.058	ug/l 100
37) Trichloroethene	8.84	130	63327	20.086	ug/l 89
38) Methylcyclohexane	9.08	83	97353	18.550	ug/l 93
39) 1,2-Dichloropropane	9.12	63	72872	21.732	ug/l 98
40) Dibromomethane	9.21	93	41129	19.899	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	82700	19.556	ug/l	94
42) Vinyl Acetate	5.90	43	769947	114.795	ug/l	97
43) Ethyl Acetate	6.84	43	134627	23.382	ug/l #	87
44) Isopropyl Acetate	8.17	43	114029	23.920	ug/l	92
45) 1,4-Dioxane	9.19	88	9967	458.317	ug/l #	69
46) Methyl methacrylate	9.20	41	56786	23.931	ug/l	88
47) n-amyl Acetate	12.07	43	88067	20.381	ug/l #	100
48) t-1,3-Dichloropropene	10.38	75	83394	19.859	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	96952	20.003	ug/l	91
50) 1,1,2-Trichloroethane	10.56	97	53861	19.707	ug/l	95
51) Ethyl methacrylate	10.43	69	68951	19.520	ug/l	84
52) 1,3-Dichloropropane	10.71	76	97794	20.542	ug/l	99
53) Dibromochloromethane	10.90	129	56523	19.156	ug/l	100
54) 1,2-Dibromoethane	11.01	107	54186	19.551	ug/l	96
55) 2-Chloroethyl vinyl ether	9.70	63	207533	107.292	ug/l	98
56) Bromoform	12.12	173	32166	18.875	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	303374	118.703	ug/l	95
59) 2-Hexanone	10.75	43	195169	110.910	ug/l	97
61) Tetrachloroethene	10.63	164	53783	20.734	ug/l	96
62) Toluene	10.16	91	270884	20.232	ug/l	99
64) Chlorobenzene	11.43	112	160714	18.940	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	59028	20.438	ug/l	99
66) Ethyl Benzene	11.51	91	285454	19.738	ug/l	96
67) m/p-Xylenes	11.62	106	209424	37.612	ug/l	97
68) o-Xylene	11.95	106	101000	19.026	ug/l	100
69) Styrene	11.96	104	163412	19.103	ug/l	97
70) Isopropylbenzene	12.25	105	277428	19.468	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	66420	21.190	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	82173	29.816	ug/l	51
73) Bromobenzene	12.53	156	62028	19.644	ug/l	97
74) n-propylbenzene	12.59	91	323007	19.464	ug/l	100
75) 2-Chlorotoluene	12.67	91	186778	19.522	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	221503	19.384	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	15727	18.238	ug/l	90
78) 4-Chlorotoluene	12.77	91	187696	19.482	ug/l	97
79) tert-butylbenzene	12.99	119	192653	19.354	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	221213	19.432	ug/l	98
81) sec-Butylbenzene	13.17	105	265837	19.406	ug/l	100
82) p-Isopropyltoluene	13.29	119	222783	19.244	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	109431	19.592	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	103799	18.773	ug/l	97
85) n-Butylbenzene	13.61	91	189067	18.870	ug/l	99
86) Hexachloroethane	13.87	117	37688	19.292	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	105111	19.807	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.27	75	8766	20.452	ug/l	89
89) 1,2,4-Trichlorobenzene	14.91	180	43008	19.965	ug/l	98
90) Hexachlorobutadiene	15.01	225	25351	21.511	ug/l	98
91) Naphthalene	15.13	128	97238	19.584	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	40400	21.519	ug/l	99

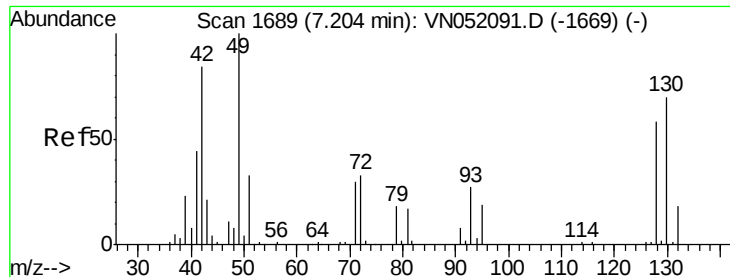
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampled :

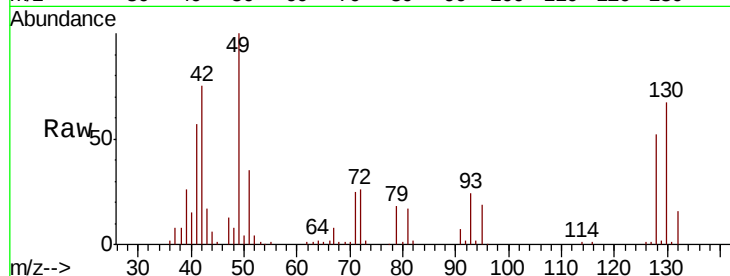
Tot Ion:128 Resp: 46224

Ion Ratio Lower Upper

128 100

49 202.0 0.0 453.7

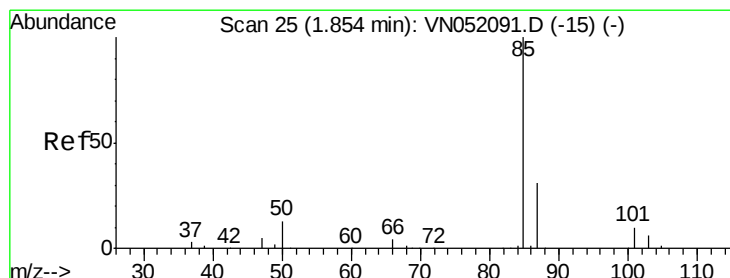
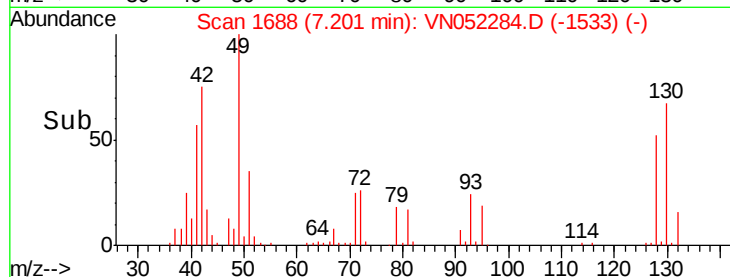
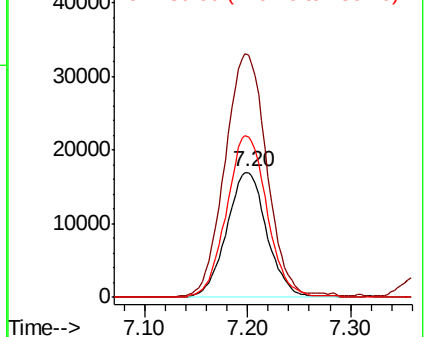
130 130.0 0.0 308.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 22.803 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052284.D

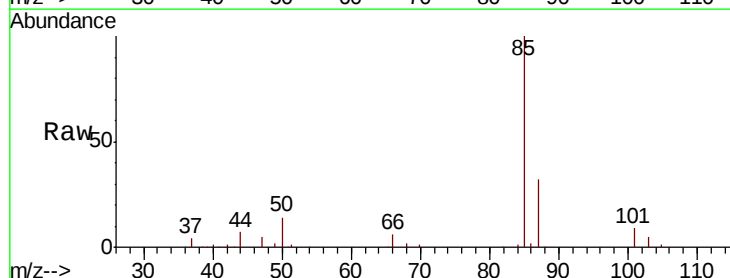
Acq: 13 Nov 2018 14:10

Tgt Ion: 85 Resp: 70398

Ion Ratio Lower Upper

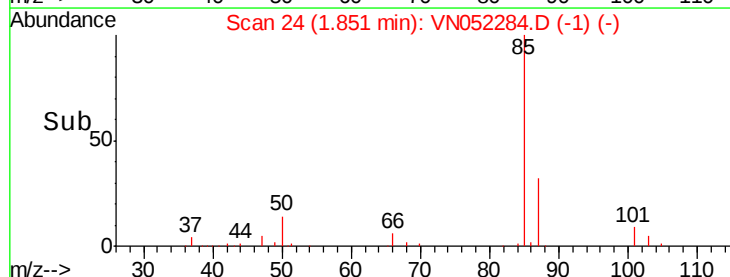
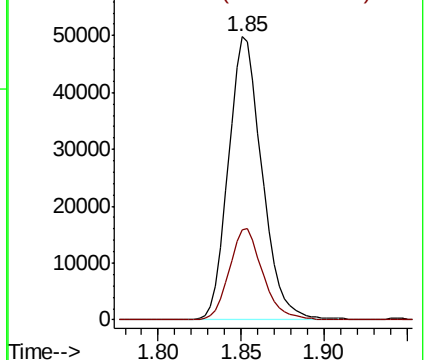
85 100

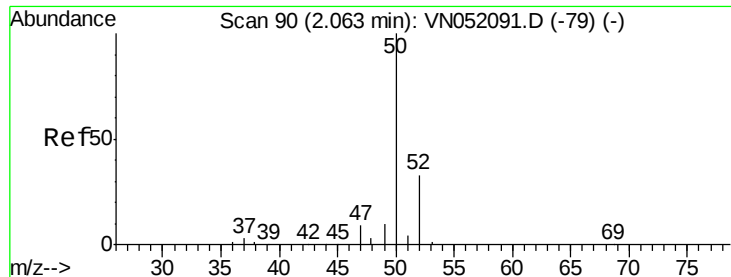
87 32.1 15.7 47.1



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 22.887 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

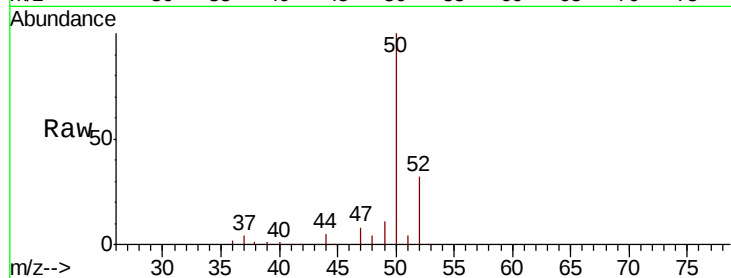
ClientSampled :

Tot Ion: 50 Resp: 80755

Ion Ratio Lower Upper

50 100

52 31.9 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VN052091.D (-79) (-)

Ion 52.00 (51.70 to 52.70): VN052091.D (-79) (-)

2.06

60000

50000

40000

30000

20000

10000

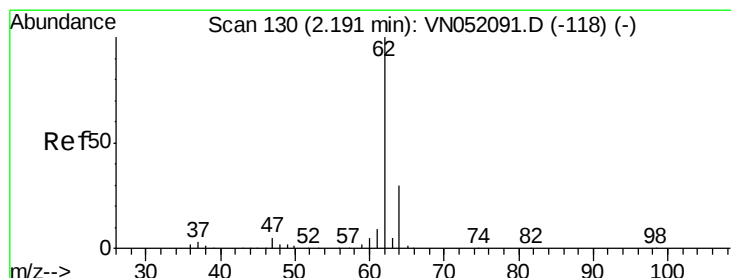
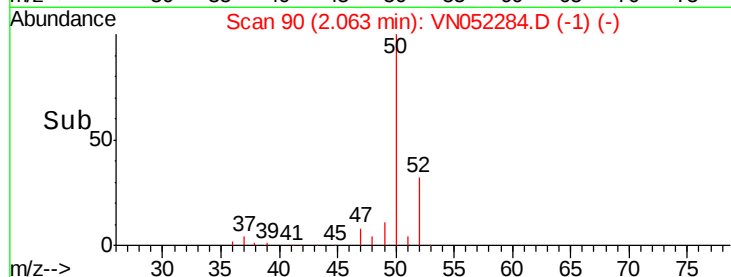
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Time-->

2.00

2.05

2.10



#4

Vinyl Chloride

Concen: 19.741 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052284.D

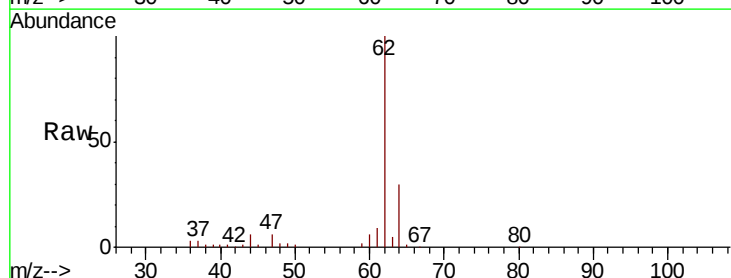
Acq: 13 Nov 2018 14:10

Tgt Ion: 62 Resp: 68328

Ion Ratio Lower Upper

62 100

64 30.2 24.2 36.4



Abundance Ion 62.00 (61.70 to 62.70): VN052091.D (-118) (-)

Ion 64.00 (63.70 to 64.70): VN052091.D (-118) (-)

2.19

50000

40000

30000

20000

10000

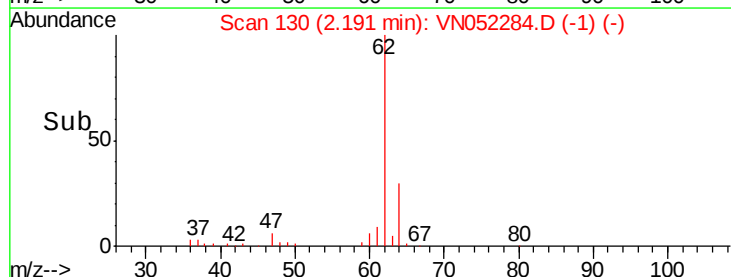
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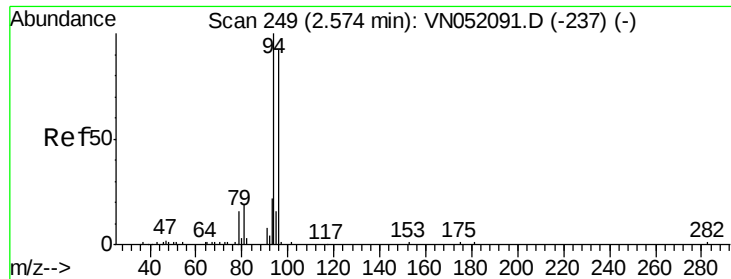
Time-->

2.15

2.20

2.25





#5

Bromomethane

Concen: 16.682 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

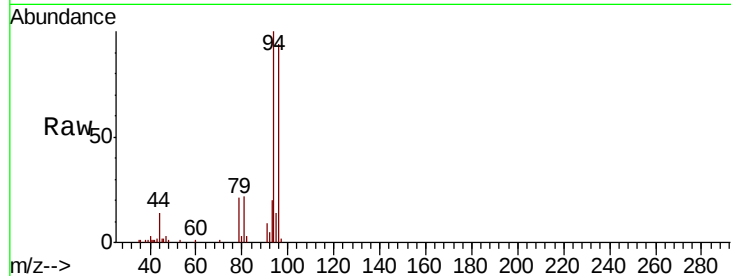
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 39412

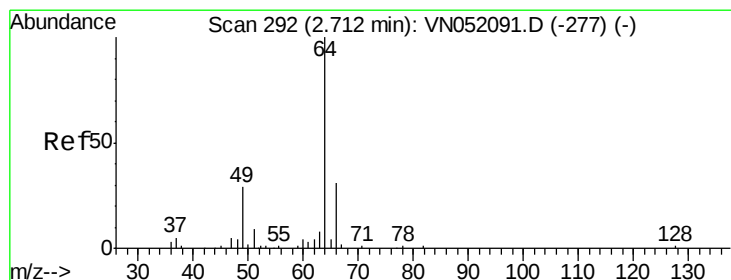
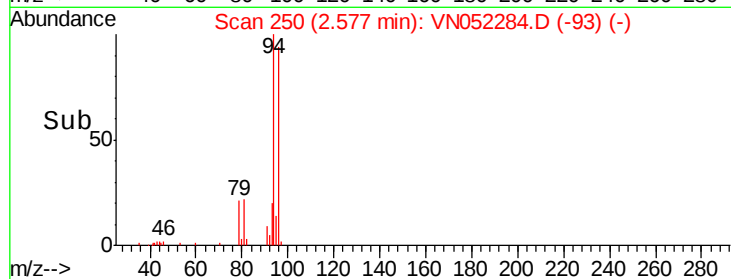
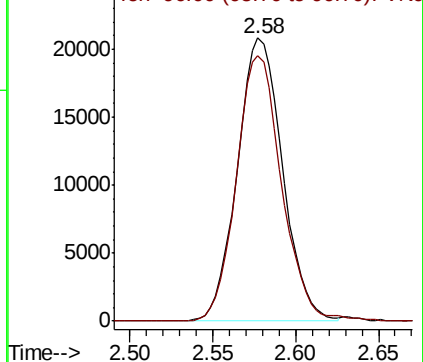
Ion Ratio Lower Upper

94 100

96 93.9 73.4 110.0



Abundance Ion 94.00 (93.70 to 94.70): VNC
Ion 96.00 (95.70 to 96.70): VNC



#6

Chloroethane

Concen: 17.513 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052284.D

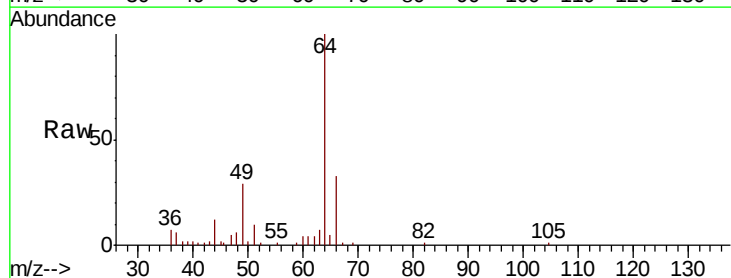
Acq: 13 Nov 2018 14:10

Tgt Ion: 64 Resp: 38760

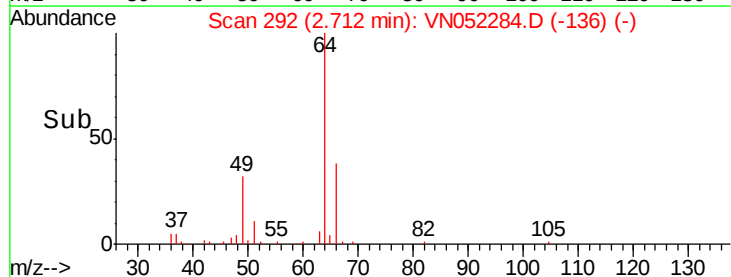
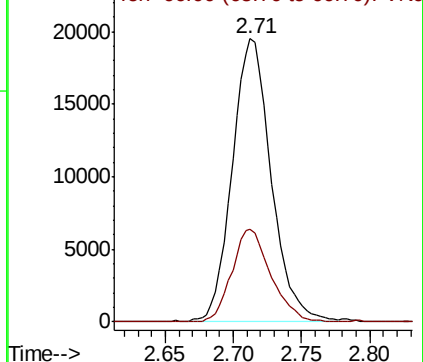
Ion Ratio Lower Upper

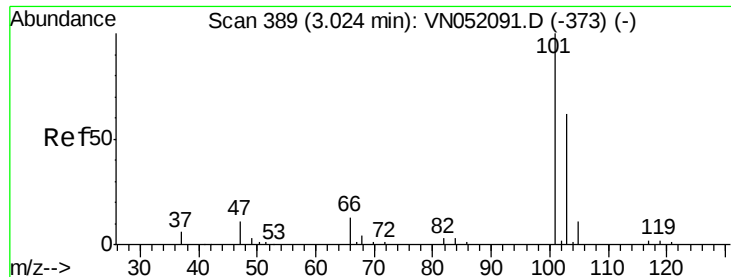
64 100

66 33.0 24.7 37.1



Abundance Ion 64.00 (63.70 to 64.70): VNC
Ion 66.00 (65.70 to 66.70): VNC



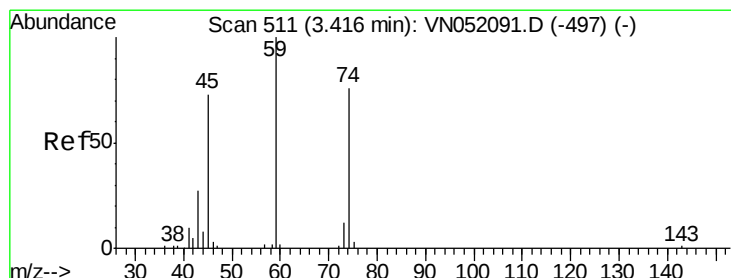
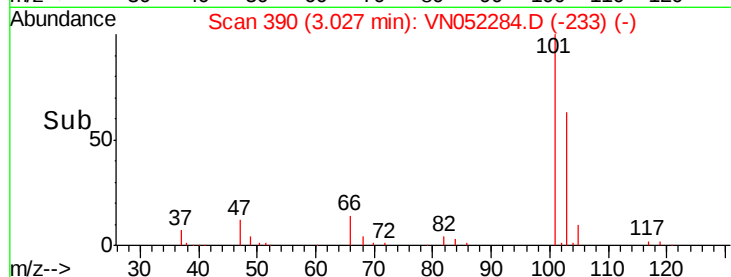
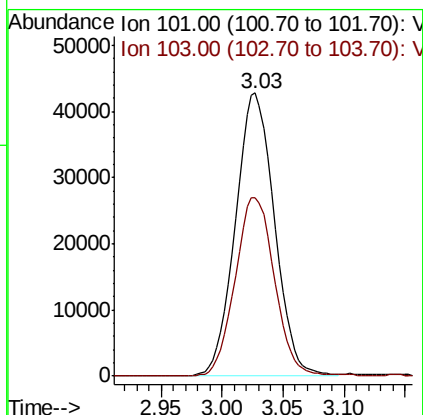
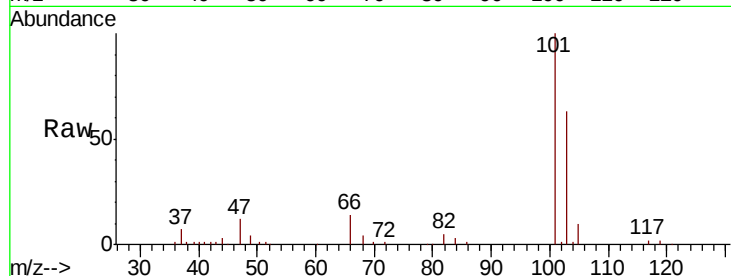


#7

Trichlorofluoromethane
 Concen: 20.202 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Instrument :
 MSVOA_N
 ClientSampleId :

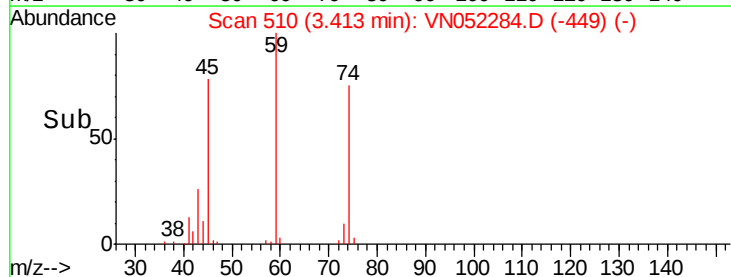
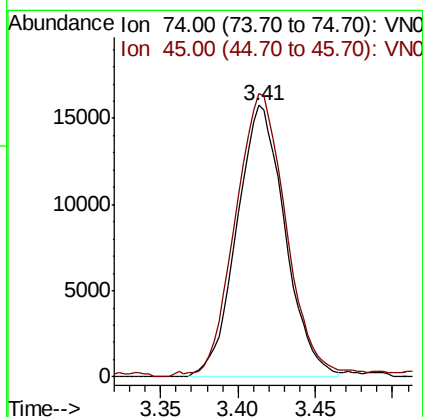
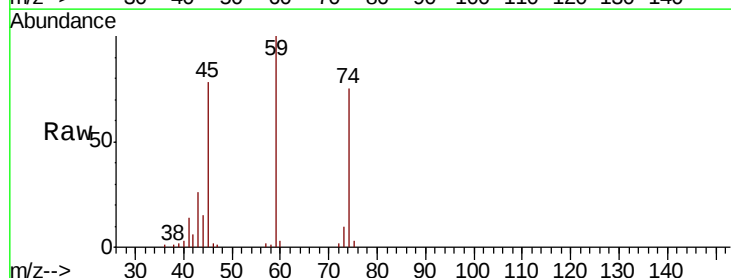
Tot Ion:101 Resp: 94691
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.5 74.3

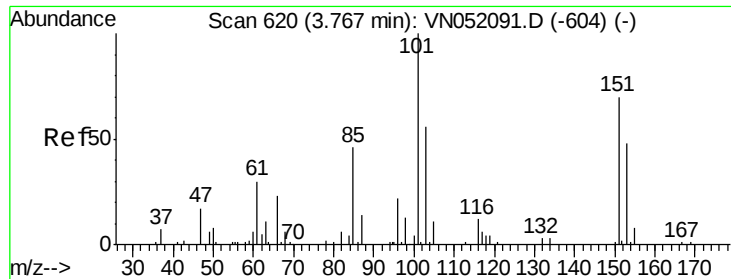


#8

Diethyl Ether
 Concen: 21.621 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 74 Resp: 34217
 Ion Ratio Lower Upper
 74 100
 45 110.4 19.4 174.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.571 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampled :

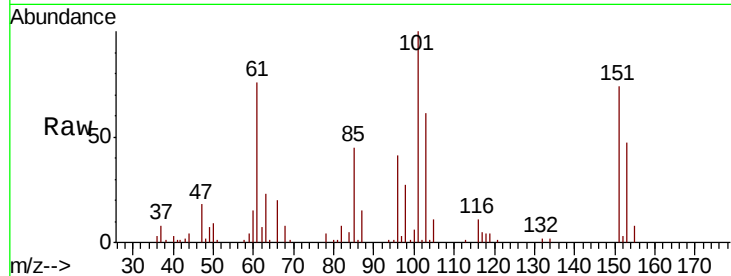
Tot Ion:101 Resp: 59093

Ion Ratio Lower Upper

101 100

85 46.6 0.0 98.0

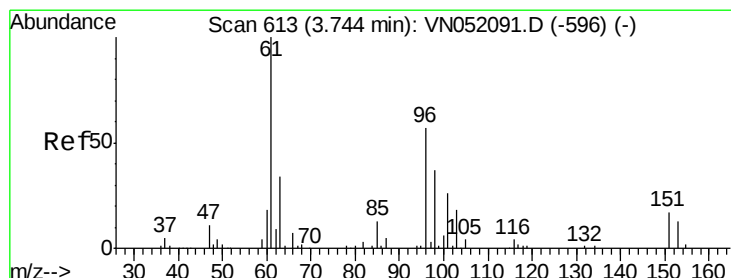
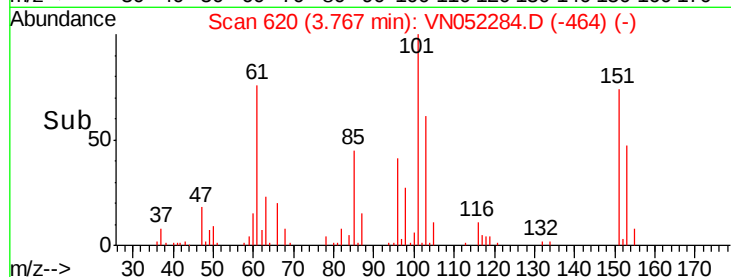
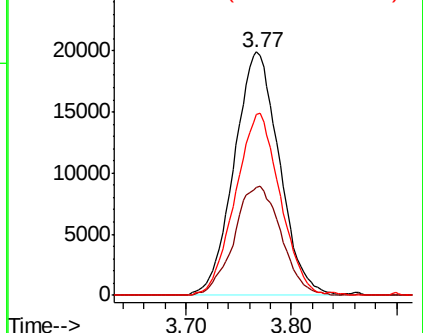
151 74.1 0.0 139.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.214 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

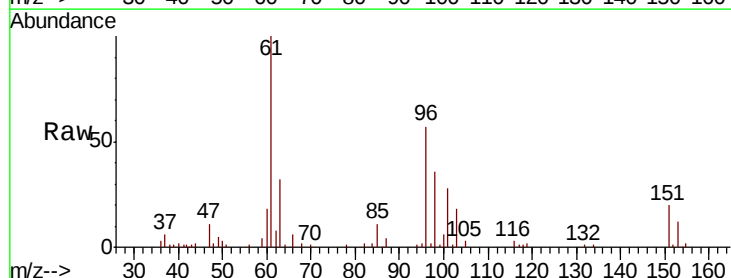
Tgt Ion: 96 Resp: 51672

Ion Ratio Lower Upper

96 100

61 173.5 140.3 210.5

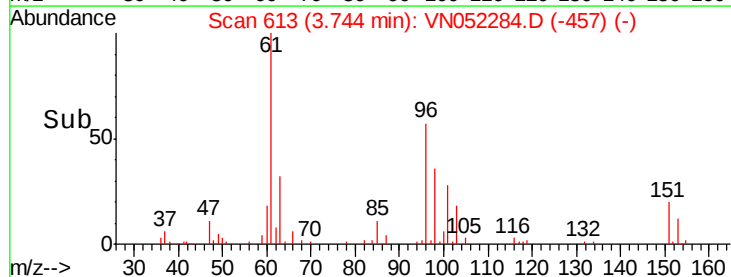
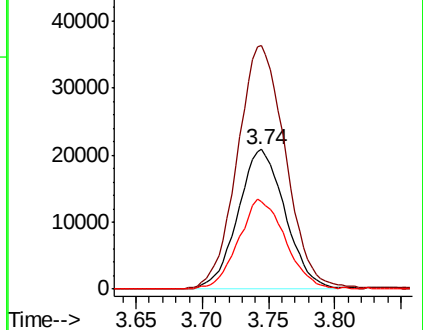
98 63.0 52.0 78.0

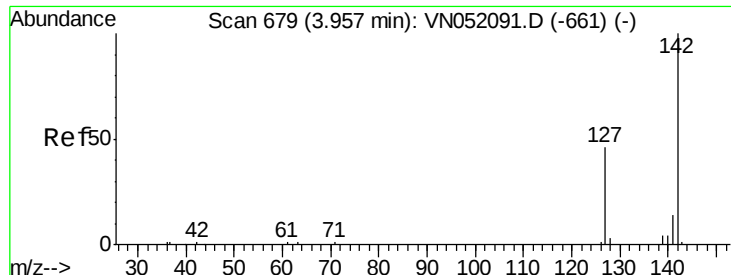


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

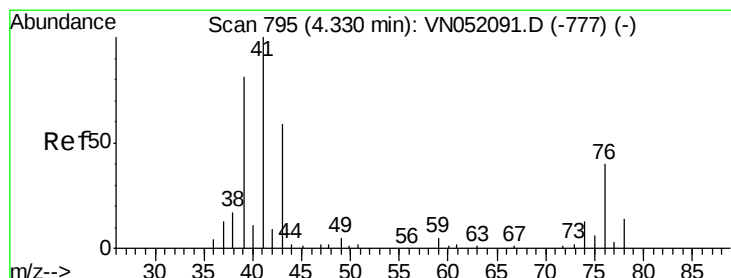
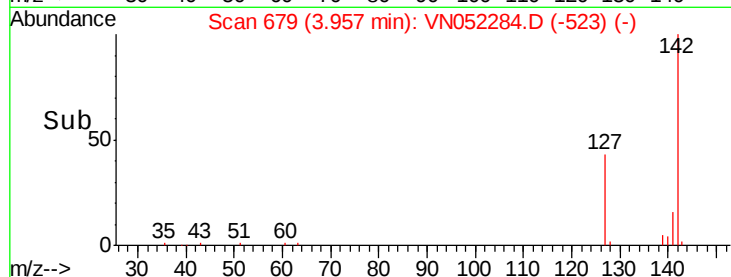
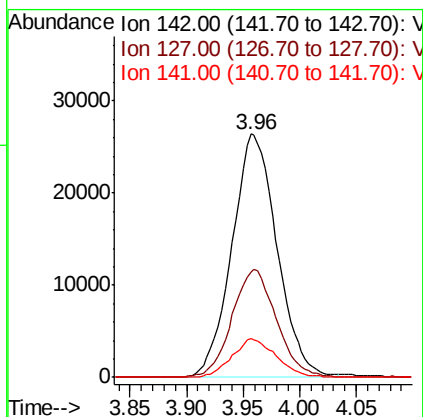
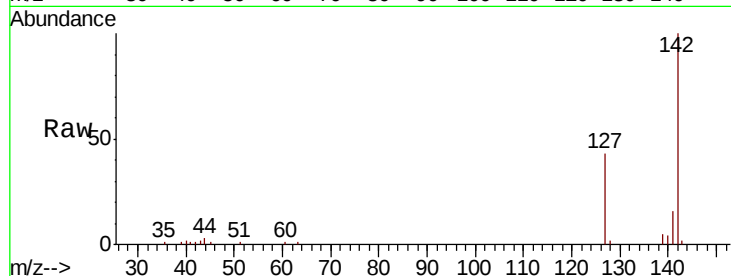




#11
Methvl Iodide
Concen: 19.806 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

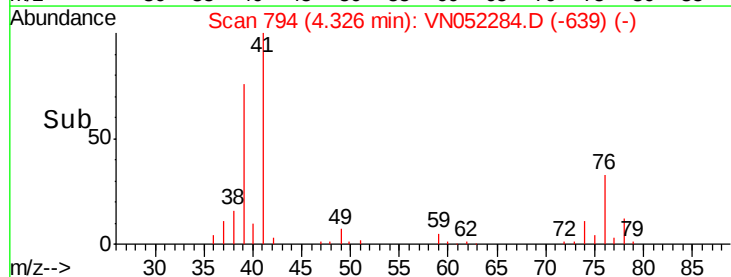
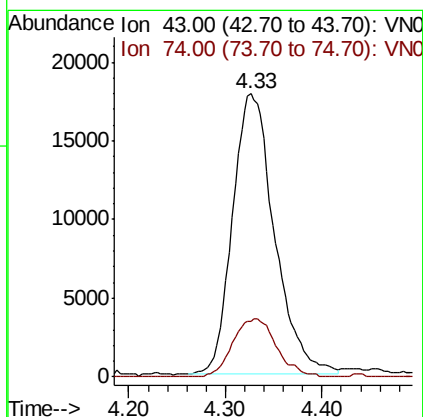
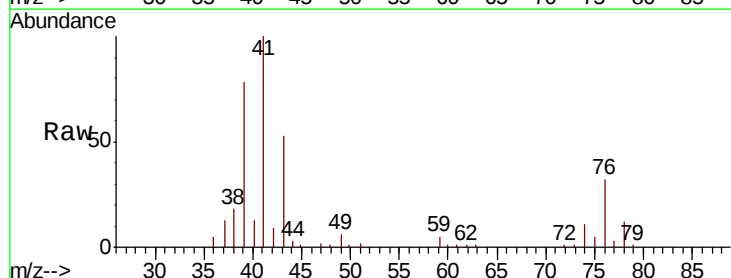
Instrument :
MSVOA_N
ClientSampleId :

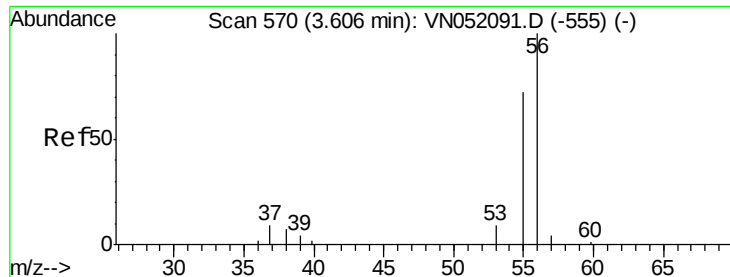
Tot Ion:142 Resp: 73203
Ion Ratio Lower Upper
142 100
127 43.2 23.1 69.2
141 16.2 7.0 20.9



#12
Methyl Acetate
Concen: 24.909 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 43 Resp: 53593
Ion Ratio Lower Upper
43 100
74 20.1 17.4 26.2





#13

Acrolein

Concen: 107.066 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

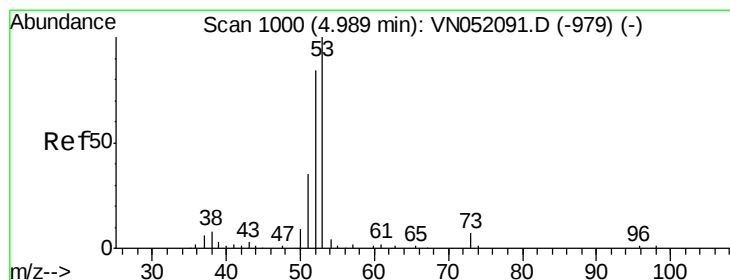
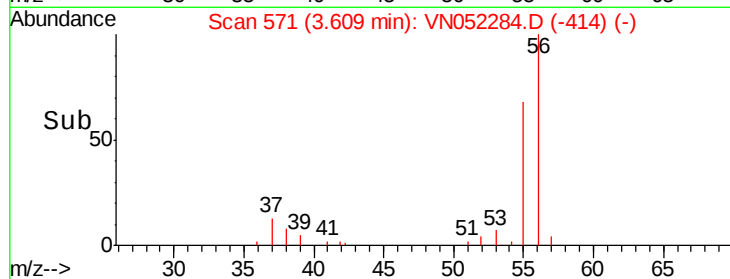
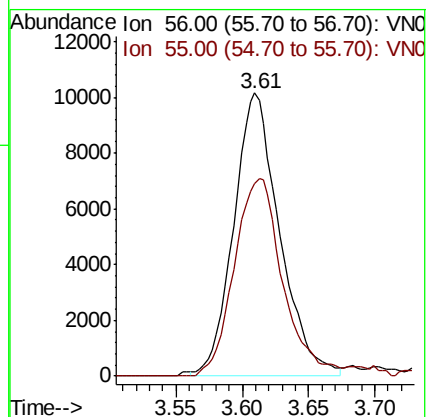
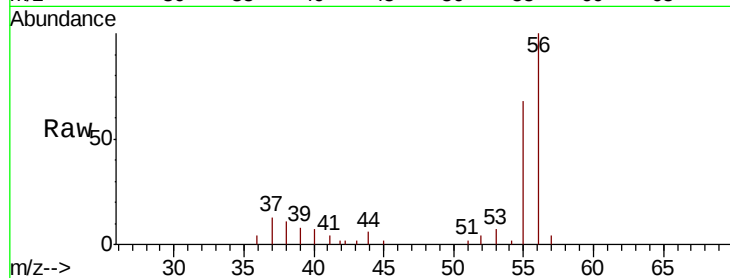
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 24434

Ion Ratio Lower Upper

56 100

55 72.3 56.2 84.2



#14

Acrylonitrile

Concen: 113.330 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

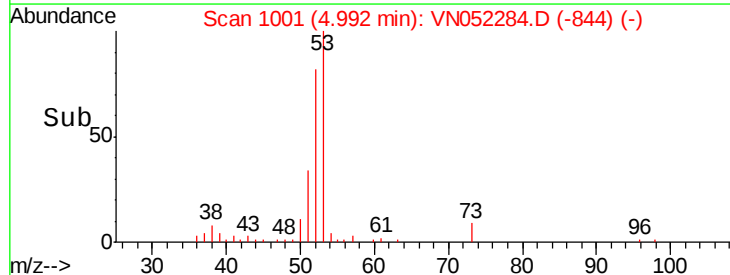
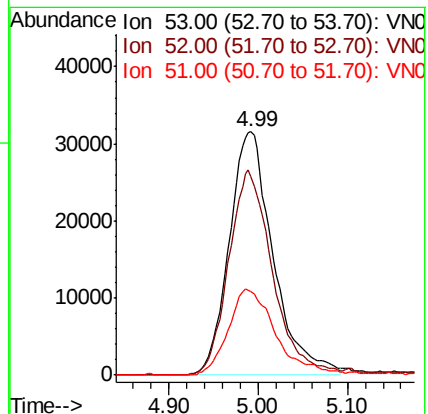
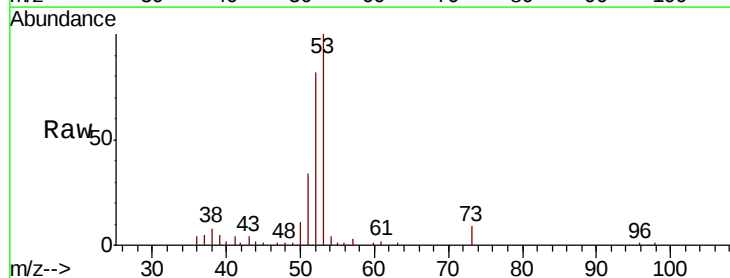
Tgt Ion: 53 Resp: 108134

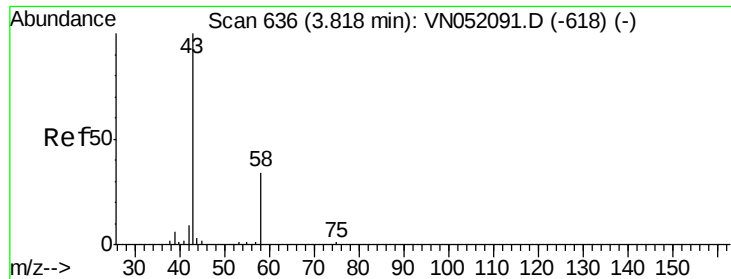
Ion Ratio Lower Upper

53 100

52 82.9 41.3 124.1

51 36.3 18.6 55.6





#15

Acetone

Concen: 119.769 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

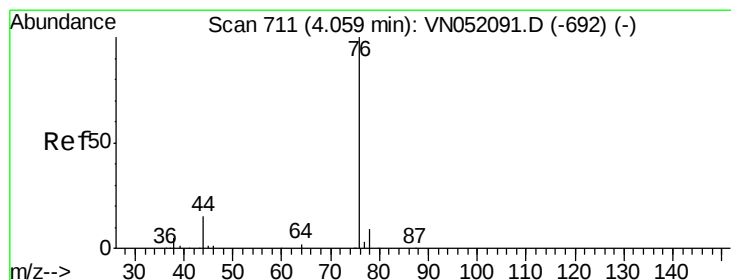
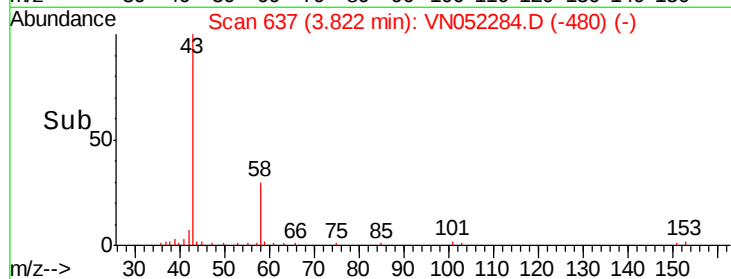
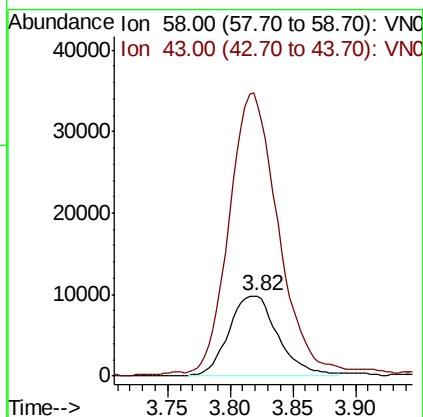
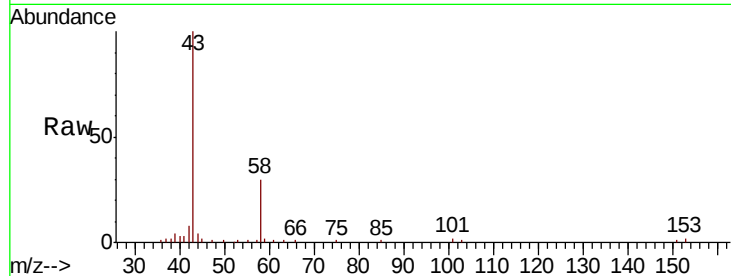
ClientSampleId :

Tot Ion: 58 Resp: 27009

Ion Ratio Lower Upper

58 100

43 331.7 234.7 352.1



#16

Carbon Disulfide

Concen: 19.239 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.00 min

Lab File: VN052284.D

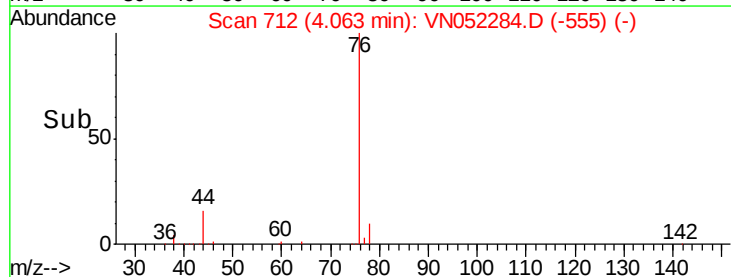
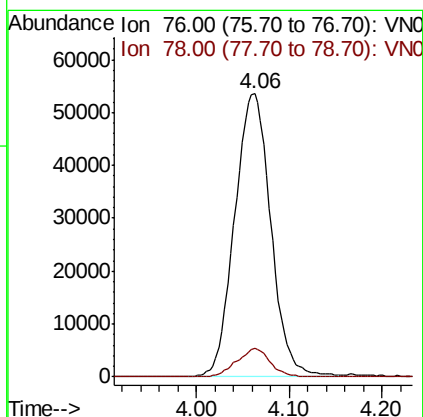
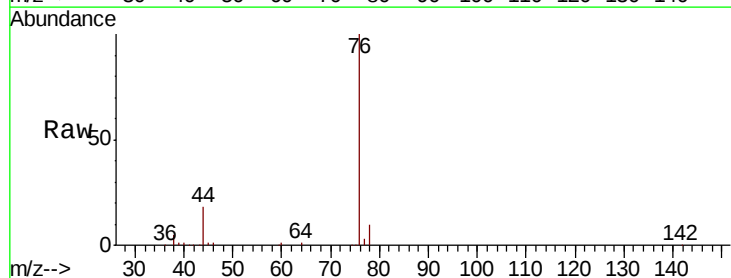
Acq: 13 Nov 2018 14:10

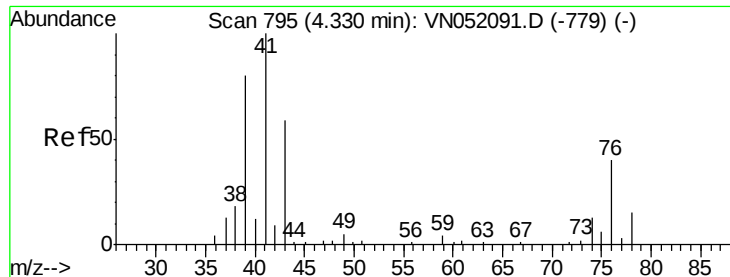
Tgt Ion: 76 Resp: 145213

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.6

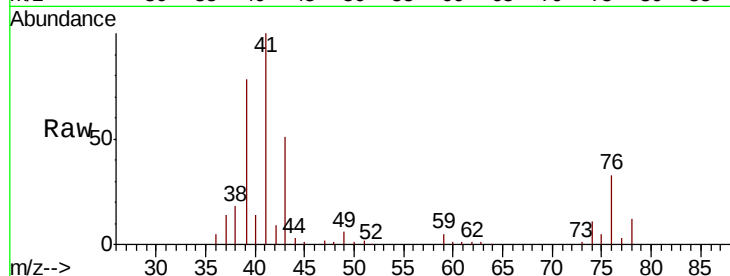




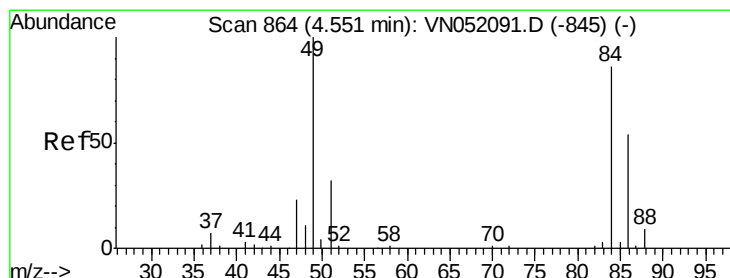
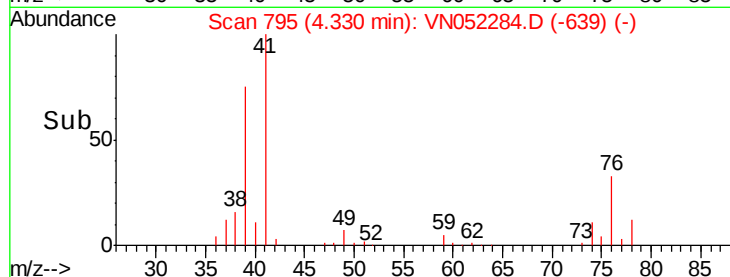
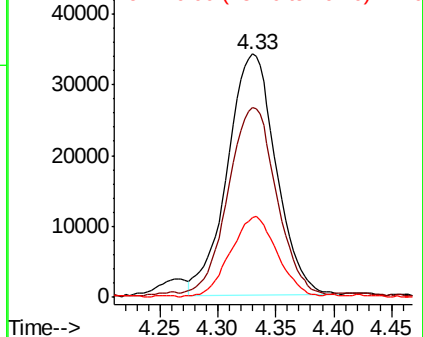
#17
Allvl chloride
Concen: 22.739 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 98693
Ion Ratio Lower Upper
41 100
39 77.0 38.4 115.1
76 32.4 18.8 56.3

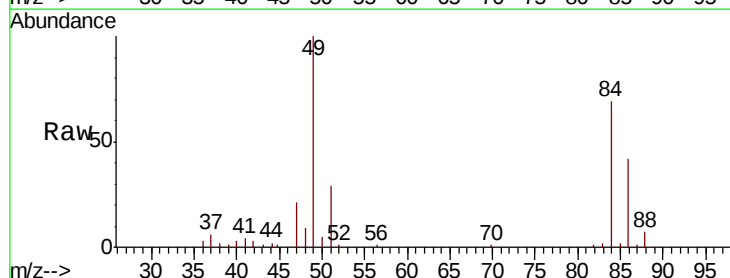


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 76.00 (75.70 to 76.70): VNO

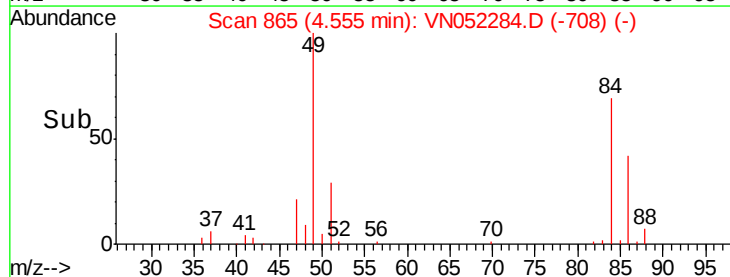
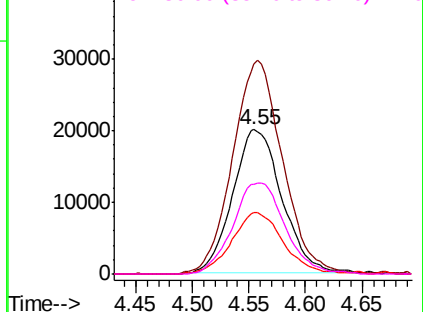


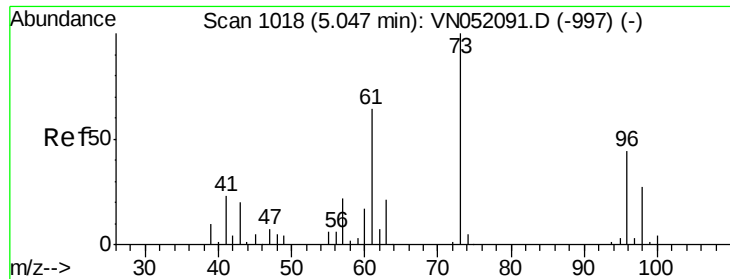
#18
Methylene Chloride
Concen: 19.027 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 84 Resp: 60033
Ion Ratio Lower Upper
84 100
49 145.7 92.6 138.8#
51 42.3 29.7 44.5
86 62.7 49.8 74.6



Abundance Ion 84.00 (83.70 to 84.70): VNO
Ion 49.00 (48.70 to 49.70): VNO
Ion 51.00 (50.70 to 51.70): VNO
Ion 86.00 (85.70 to 86.70): VNO

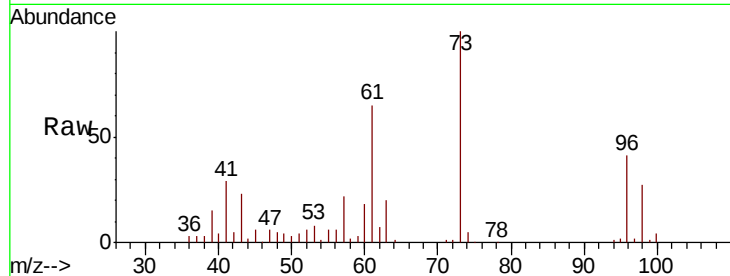




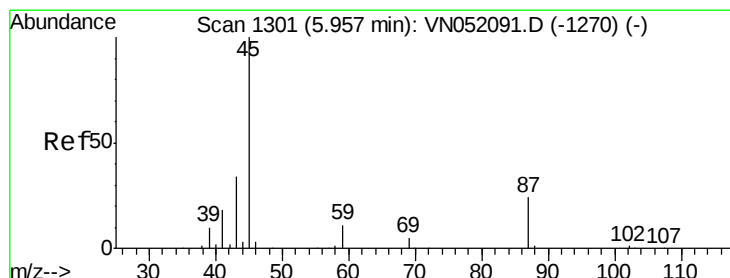
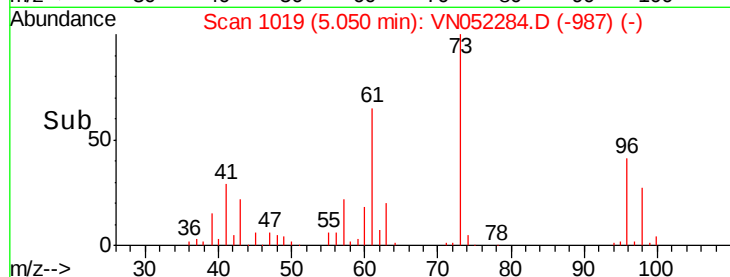
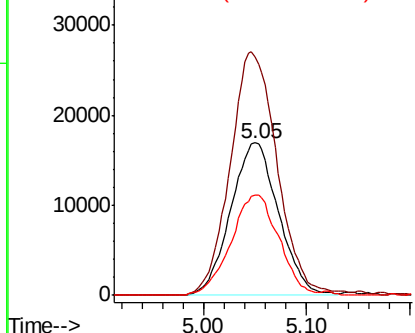
#19
trans-1,2-Dichloroethene
Concen: 19.566 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 54801
Ion Ratio Lower Upper
96 100
61 154.7 117.8 176.6
98 64.8 49.3 73.9

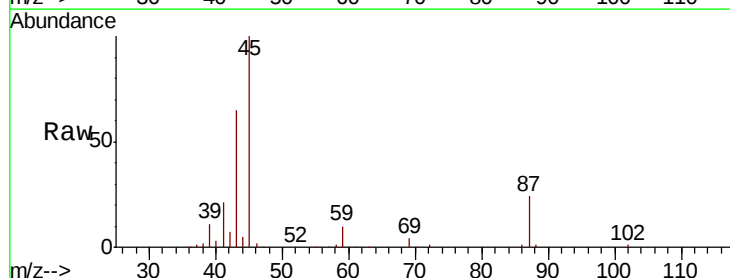


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

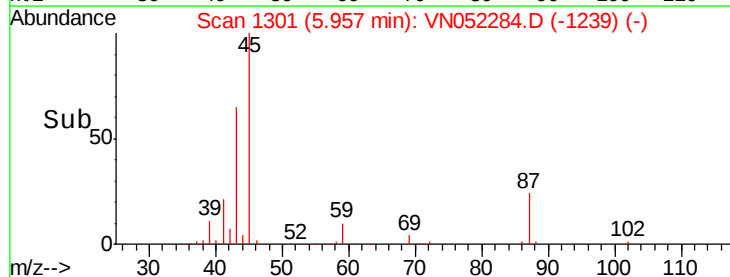
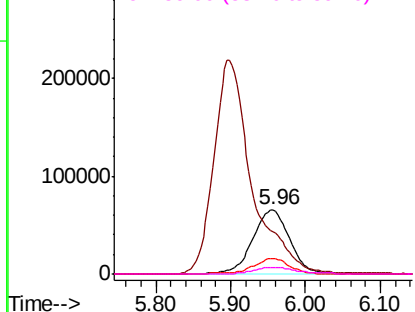


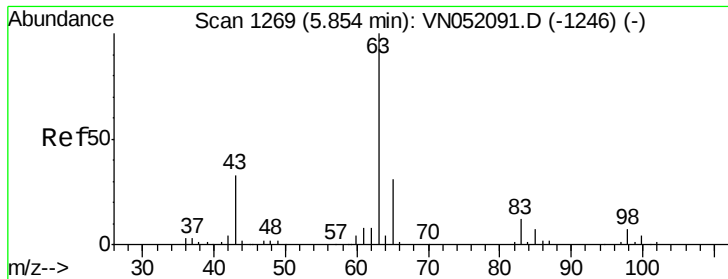
#20
Diisopropyl ether
Concen: 23.741 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 45 Resp: 223910
Ion Ratio Lower Upper
45 100
43 63.2 49.4 74.0
87 24.4 20.3 30.5
59 9.8 8.6 12.8



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





#21

1,1-Dichloroethane

Concen: 21.679 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampled :

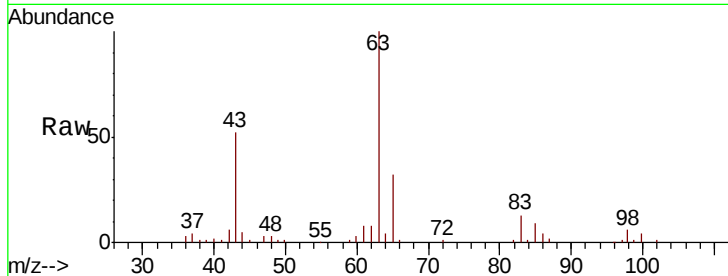
Tot Ion: 63 Resp: 119485

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

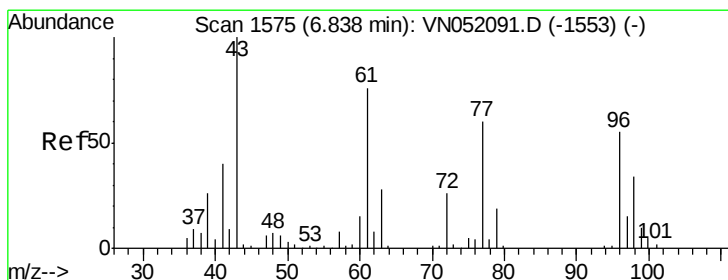
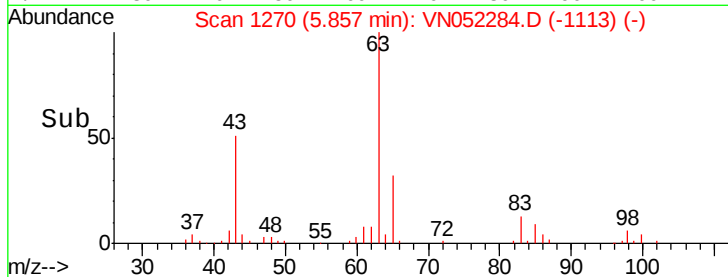
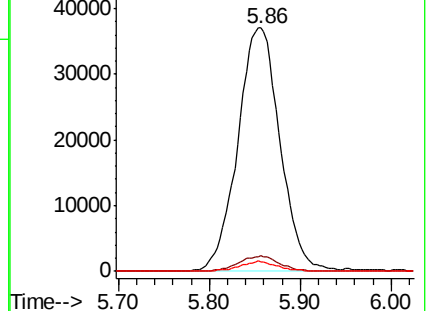
100 4.0 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VN052091.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VN052091.D (-1246) (-)

Ion 100.00 (99.70 to 100.70): VN052091.D (-1246) (-)



#22

cis-1,2-Dichloroethene

Concen: 19.432 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

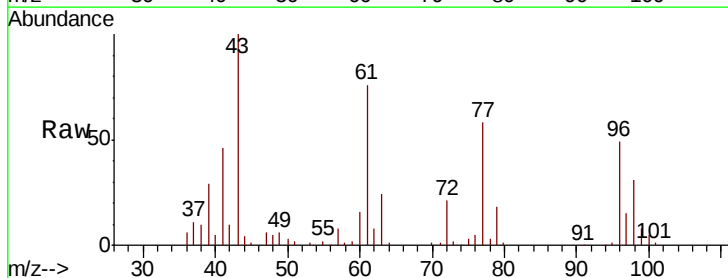
Tgt Ion: 96 Resp: 63553

Ion Ratio Lower Upper

96 100

61 163.9 117.6 176.4

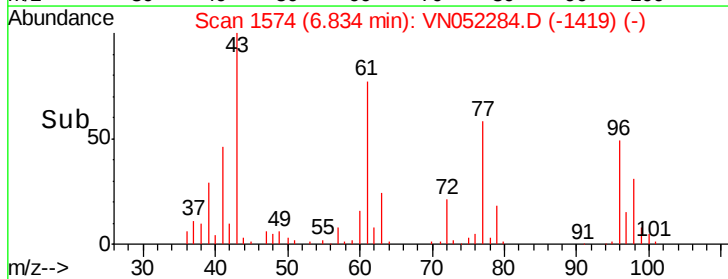
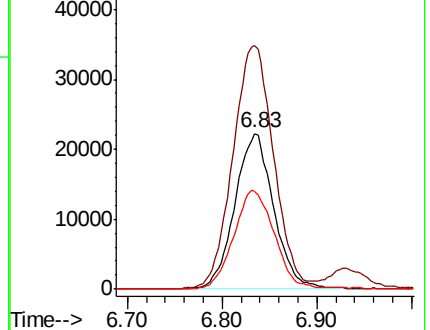
98 65.9 51.0 76.4

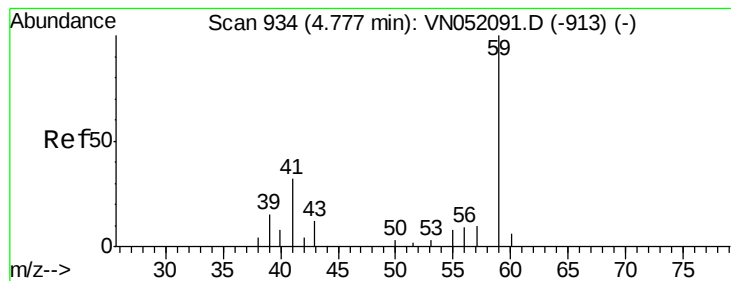


Abundance Ion 96.00 (95.70 to 96.70): VN052091.D (-1553) (-)

Ion 61.00 (60.70 to 61.70): VN052091.D (-1553) (-)

Ion 98.00 (97.70 to 98.70): VN052091.D (-1553) (-)



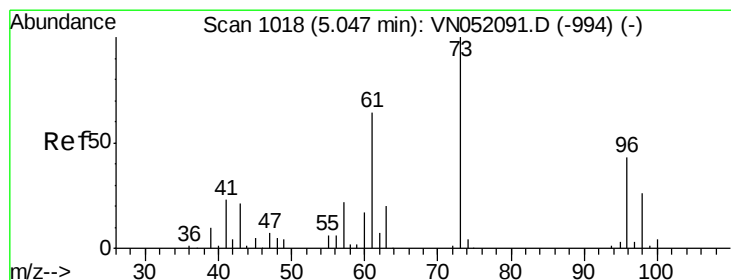
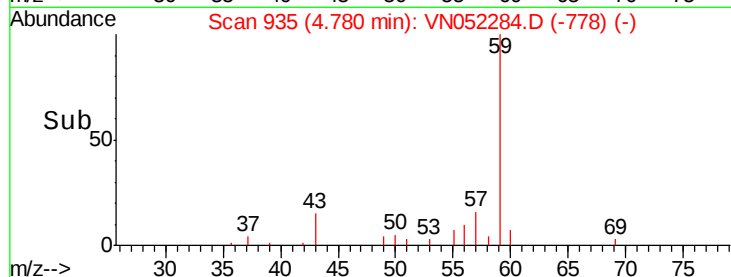
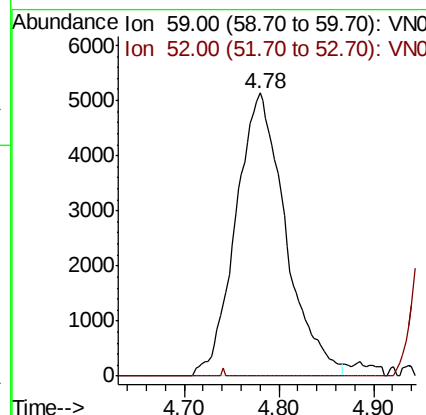
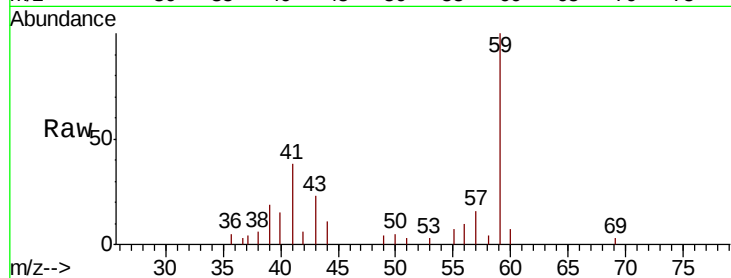


#23

tert-Butyl Alcohol
 Concen: 126.474 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Instrument :
 MSVOA_N
 ClientSampled :

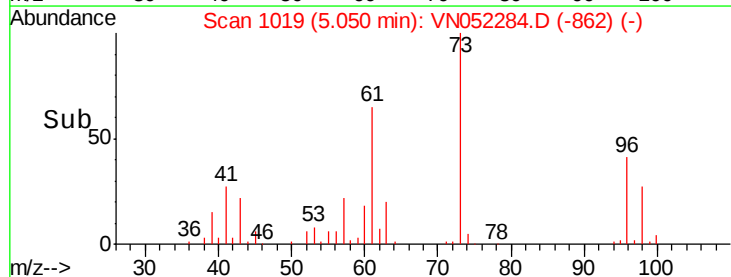
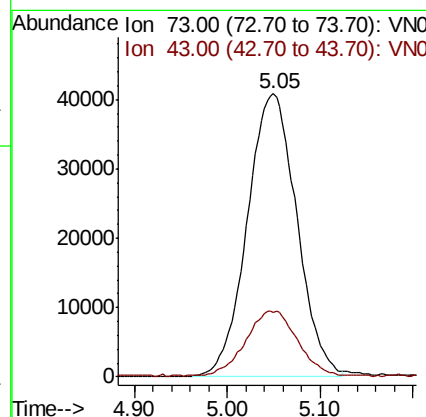
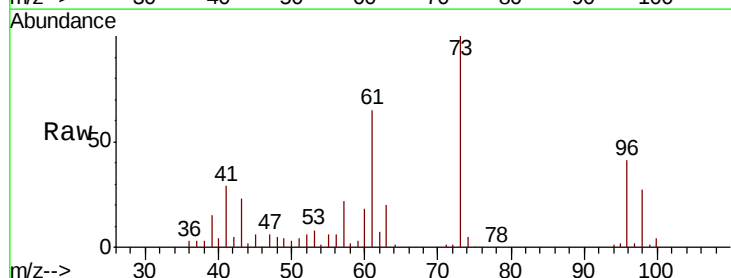
Tot Ion: 59 Resp: 18802
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.3 0.5#

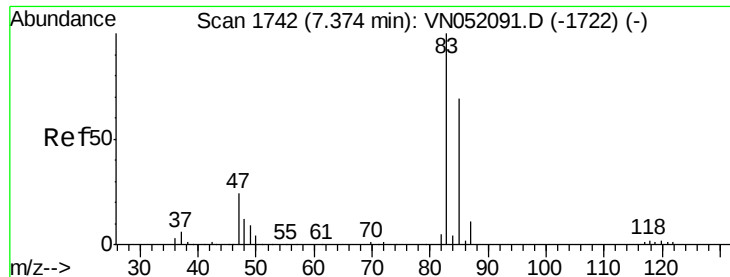


#24

Methyl tert-Butyl Ether
 Concen: 20.951 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 73 Resp: 151831
 Ion Ratio Lower Upper
 73 100
 43 12.9 17.4 26.2#

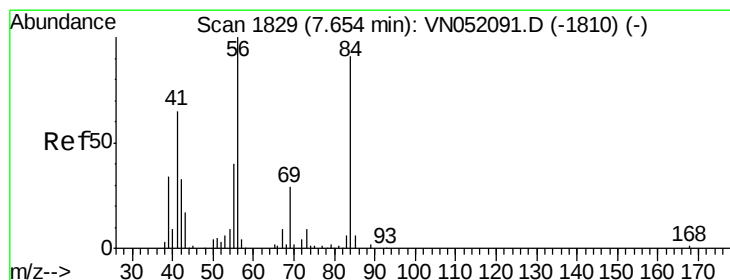
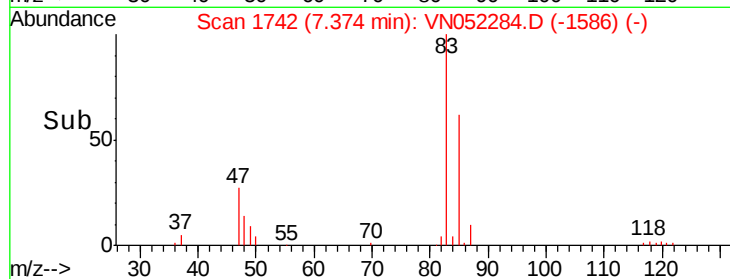
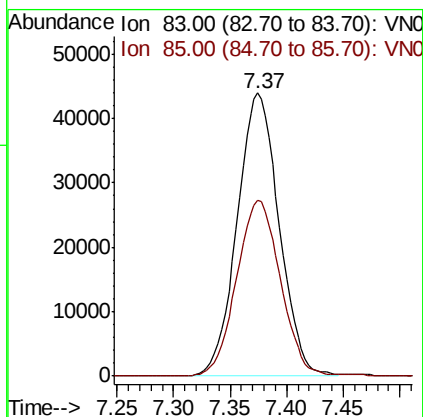
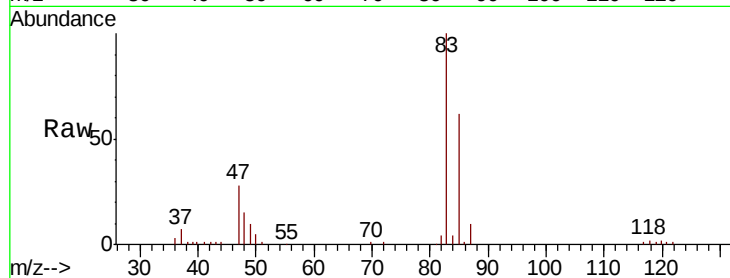




#25
Chloroform
Concen: 20.493 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

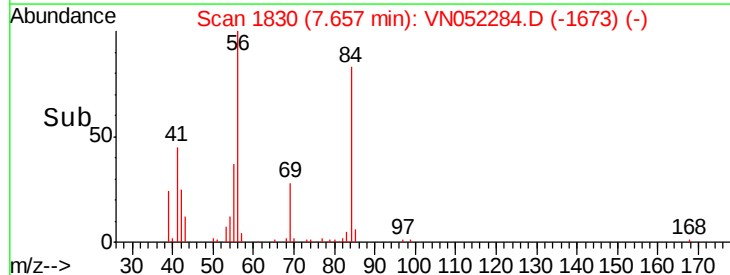
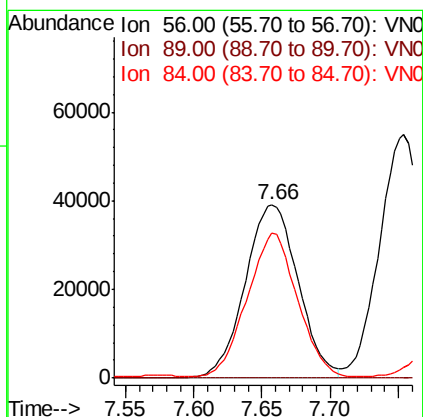
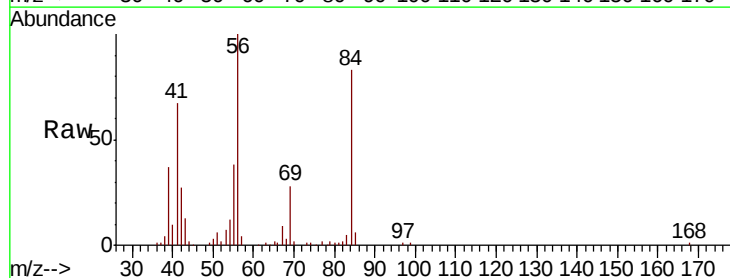
Instrument :
MSVOA_N
ClientSampled :

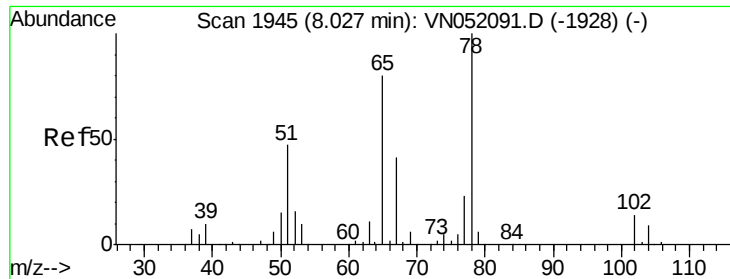
Tot Ion: 83 Resp: 113413
Ion Ratio Lower Upper
83 100
85 62.3 54.9 82.3



#26
Cyclohexane
Concen: 21.387 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 56 Resp: 105671
Ion Ratio Lower Upper
56 100
89 0.0 2.2 3.2#
84 80.1 71.0 106.6

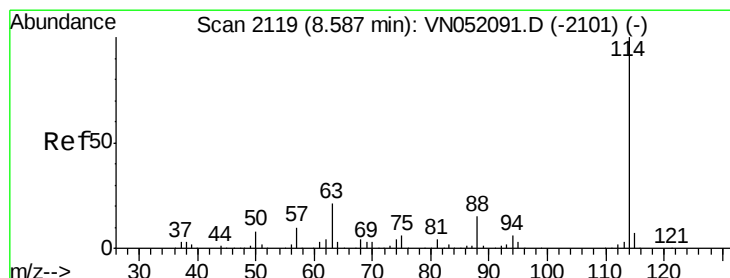
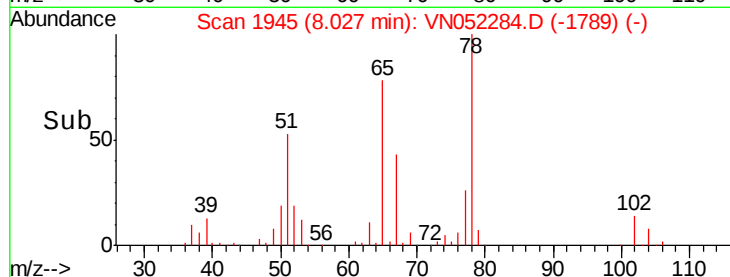
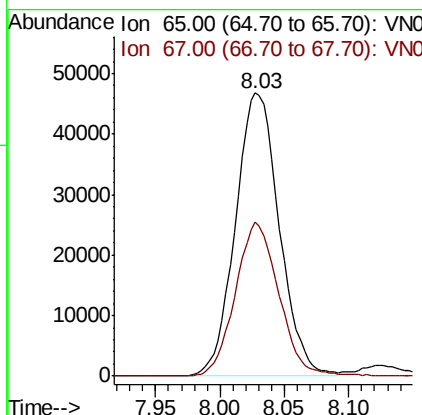
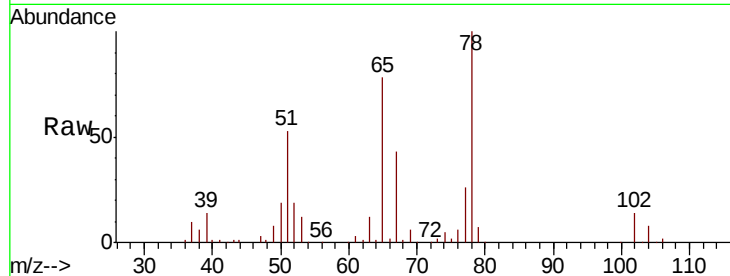




#27
 1,2-Dichloroethane-d4
 Concen: 21.387 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

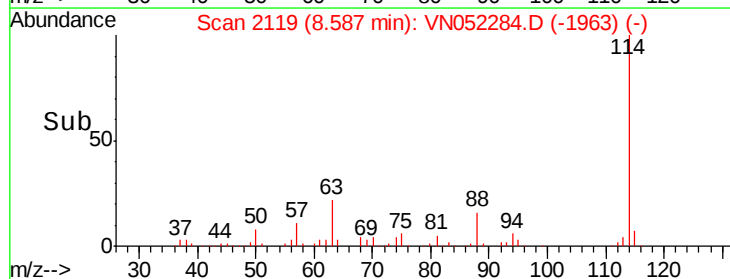
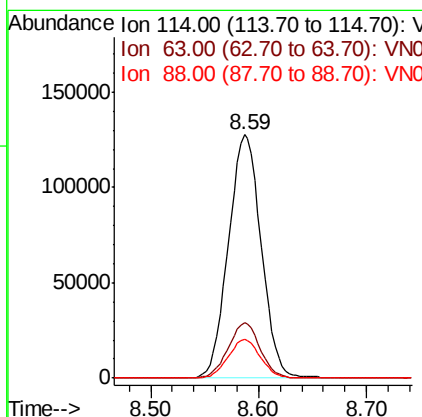
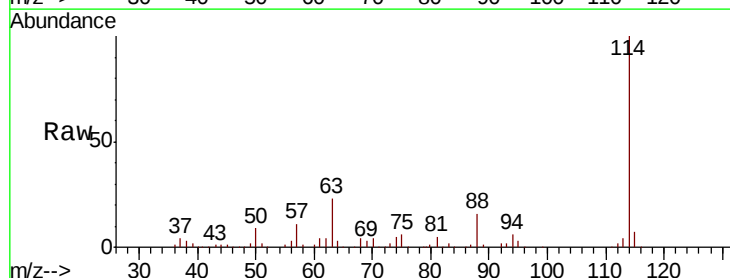
Instrument :
 MSVOA_N
 ClientSampleId :

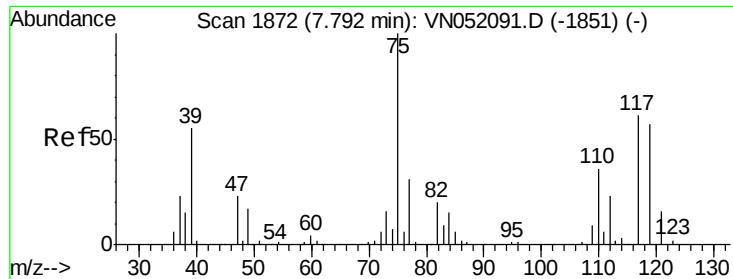
Tot Ion: 65 Resp: 110784
 Ion Ratio Lower Upper
 65 100
 67 53.6 42.6 64.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 114 Resp: 270976
 Ion Ratio Lower Upper
 114 100
 63 21.9 17.5 26.3
 88 15.7 12.6 18.8

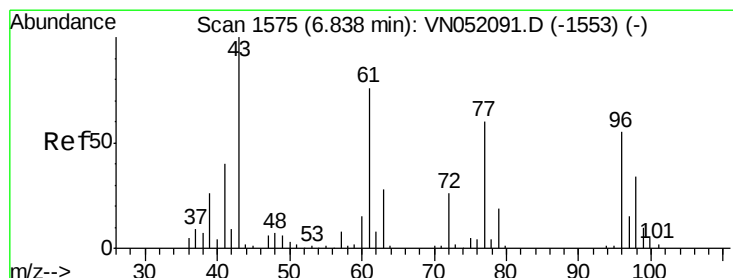
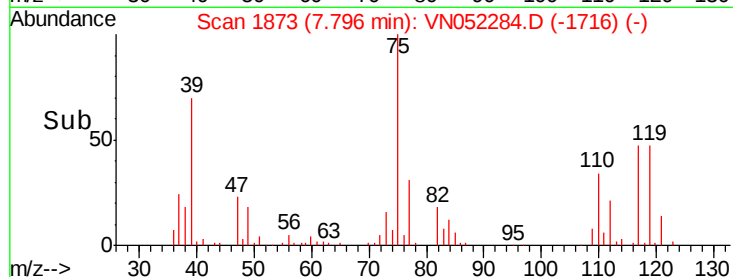
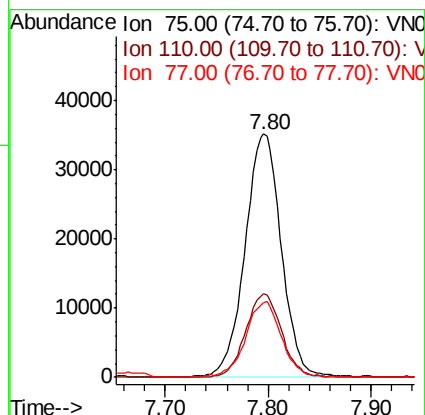
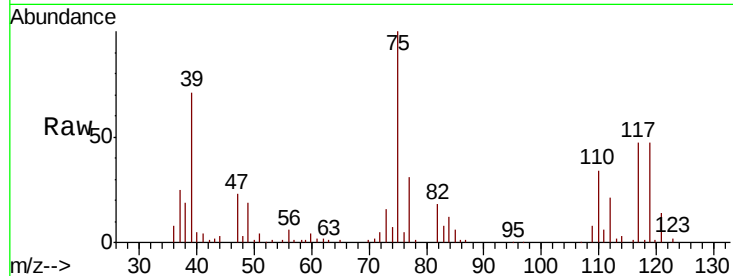




#29
 1,1-Dichloropropene
 Concen: 19.960 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

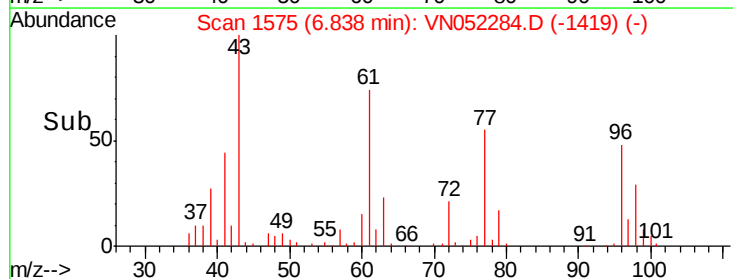
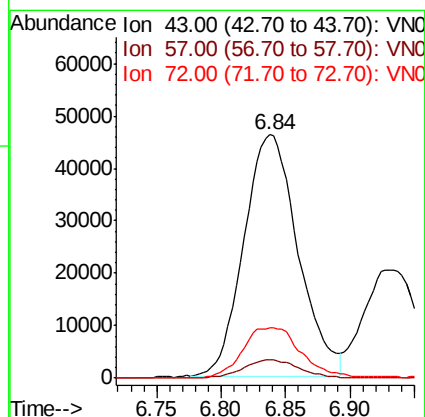
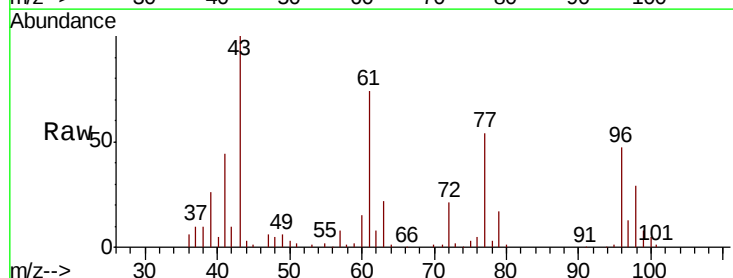
Instrument :
 MSVOA_N
 ClientSampled :

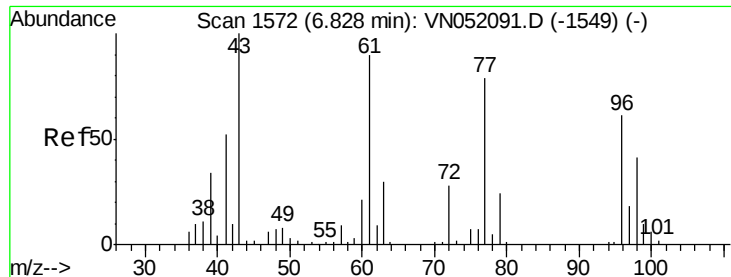
Tot Ion: 75 Resp: 85871
 Ion Ratio Lower Upper
 75 100
 110 33.8 0.0 67.6
 77 29.3 0.0 60.2



#30
 2-Butanone
 Concen: 117.507 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 43 Resp: 134627
 Ion Ratio Lower Upper
 43 100
 57 7.7 6.6 9.8
 72 0.0 9.2 13.8#





#31

2,2-Dichloropropane

Concen: 19.747 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

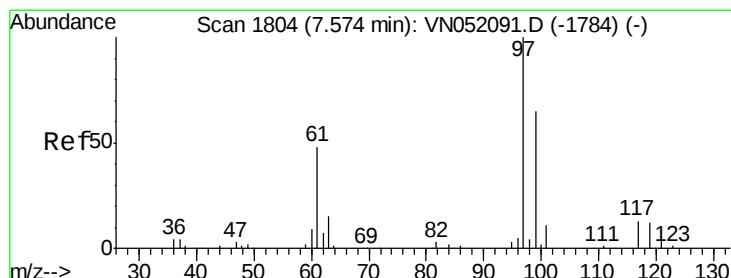
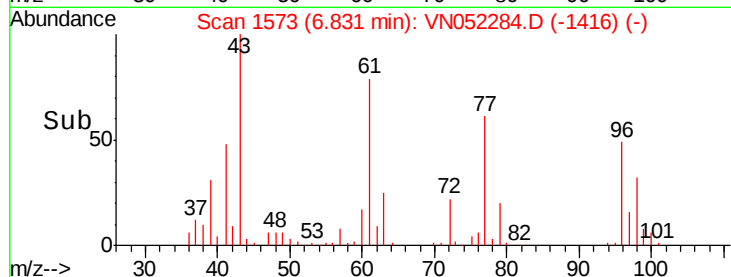
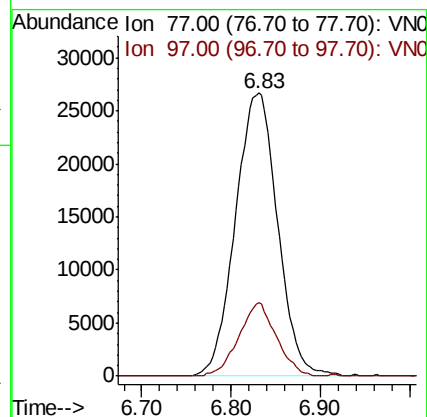
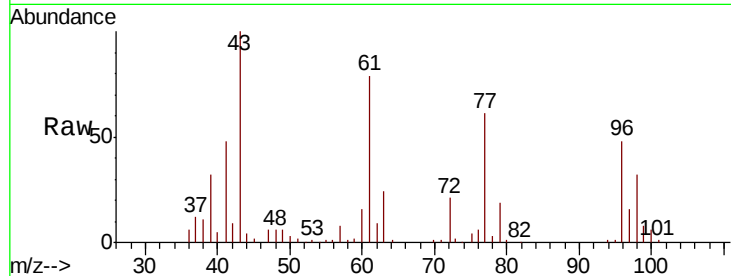
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 77 Resp: 87513

Ion Ratio Lower Upper

77 100

97 23.0 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 19.203 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

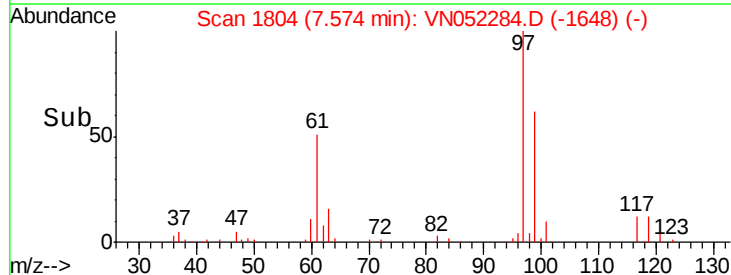
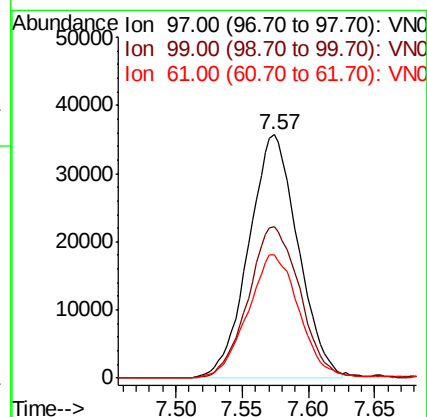
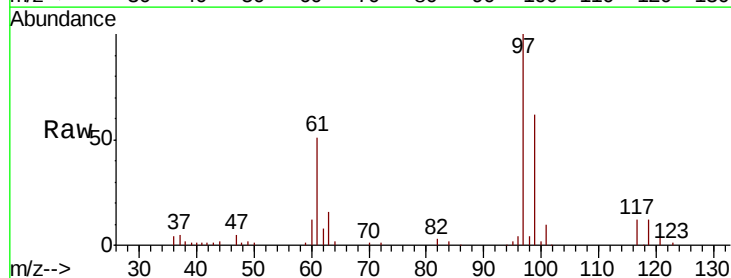
Tgt Ion: 97 Resp: 92435

Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 52.8 38.7 58.1





#33

Carbon Tetrachloride

Concen: 19.235 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampled :

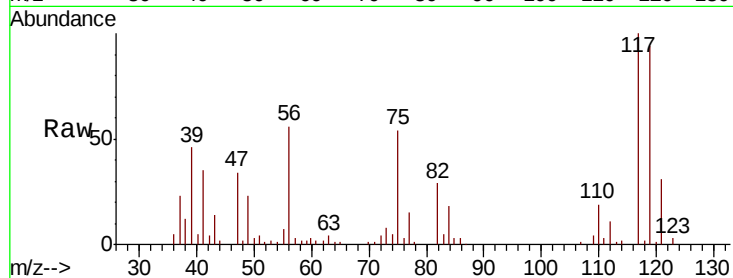
Tot Ion:117 Resp: 82341

Ion Ratio Lower Upper

117 100

119 94.0 74.7 112.1

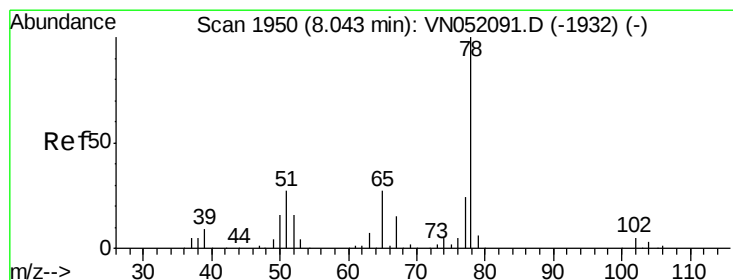
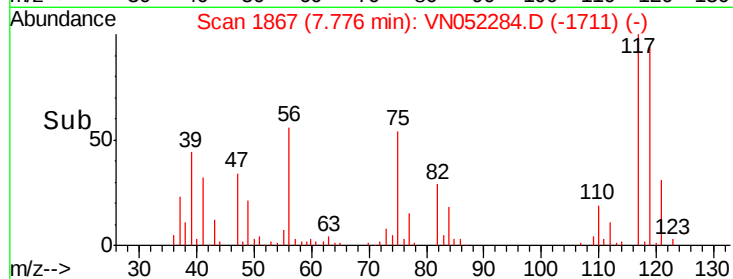
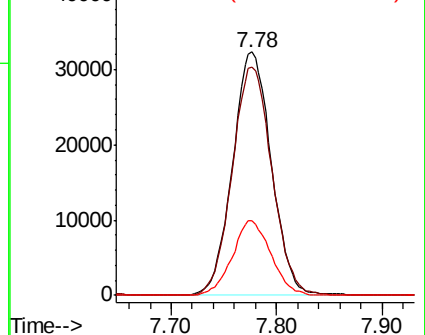
121 30.6 23.4 35.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.149 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

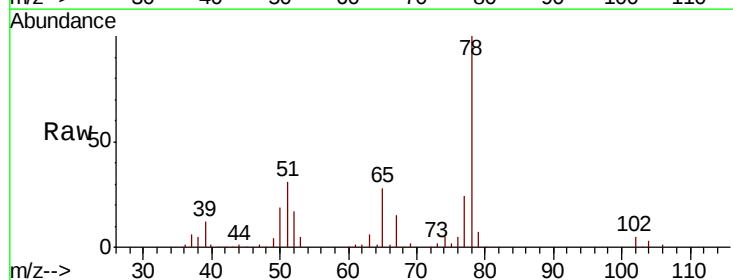
Tgt Ion: 78 Resp: 253818

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

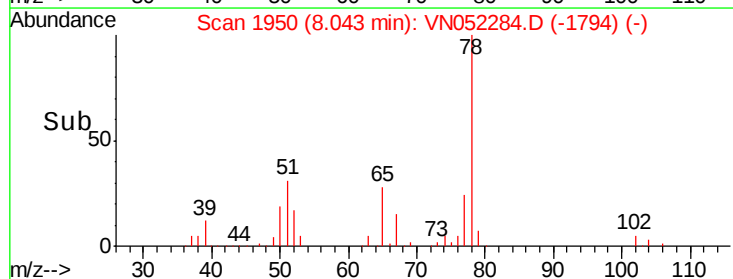
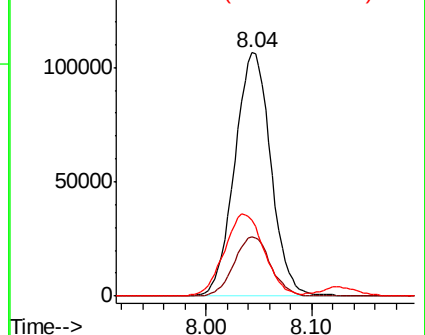
51 30.8 21.2 31.8

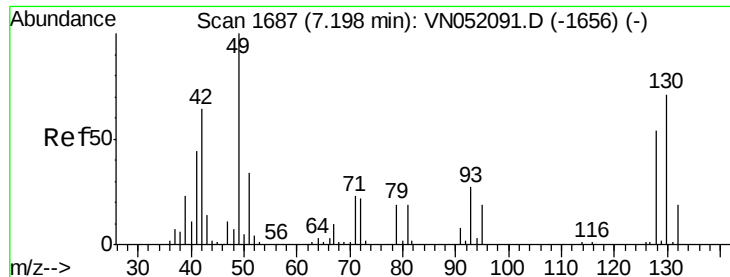


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

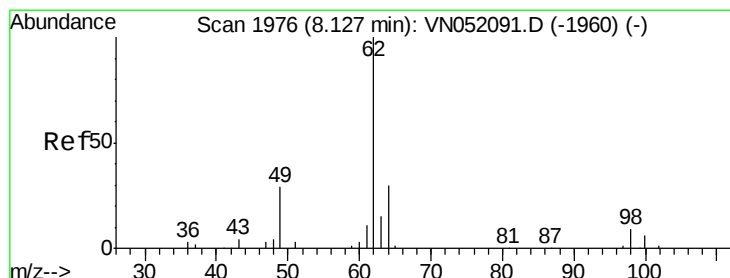
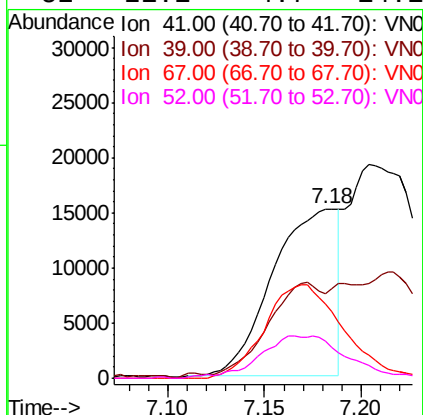
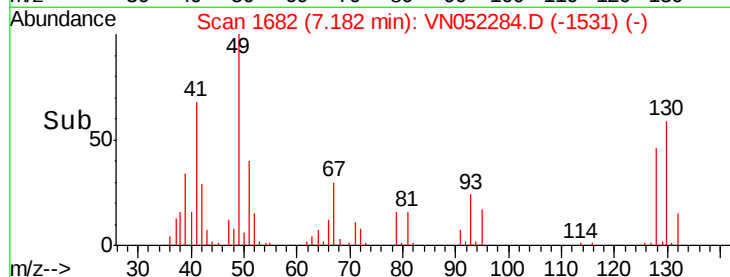
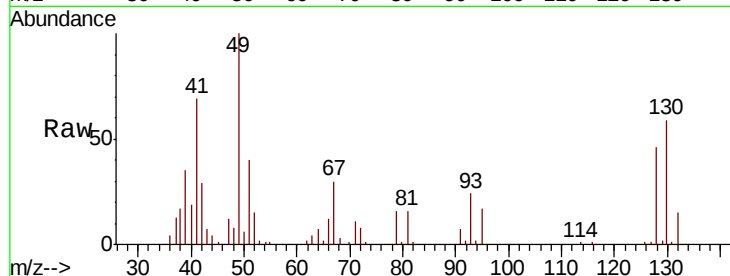




#35
Methacrylonitrile
Concen: 22.585 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.02 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

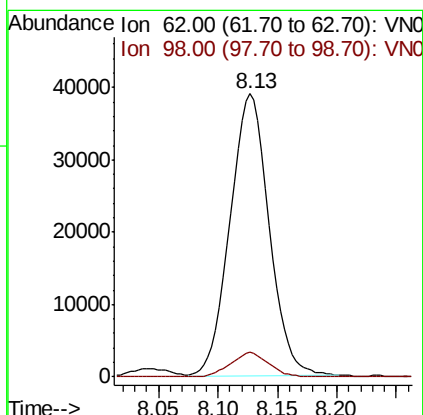
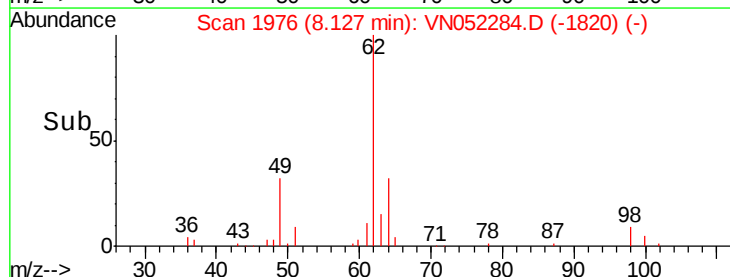
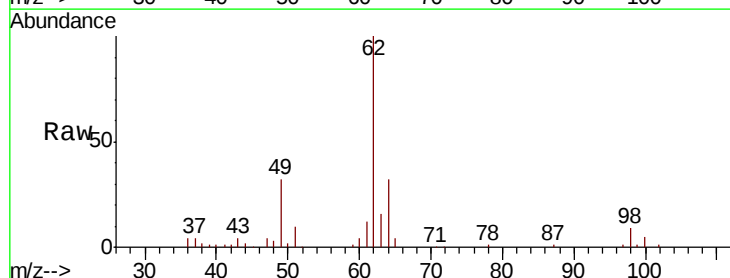
Instrument :
MSVOA_N
ClientSampled :

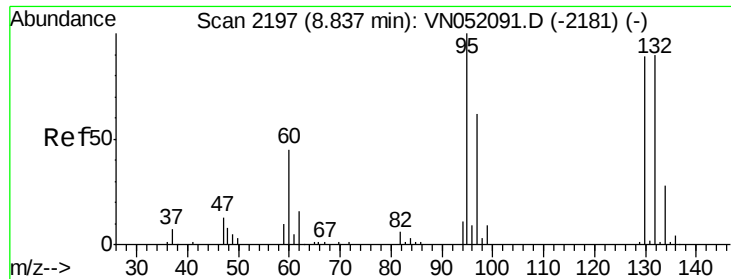
Tot Ion: 41 Resp: 35491
Ion Ratio Lower Upper
41 100
39 47.8 26.1 78.3
67 44.4 11.0 33.0#
52 21.1 4.7 14.1#



#36
1,2-Dichloroethane
Concen: 21.058 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 62 Resp: 88692
Ion Ratio Lower Upper
62 100
98 8.3 6.7 10.1

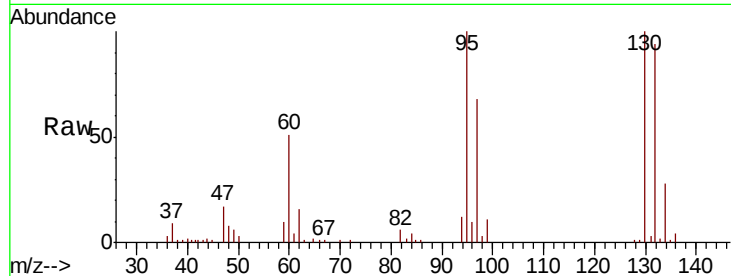




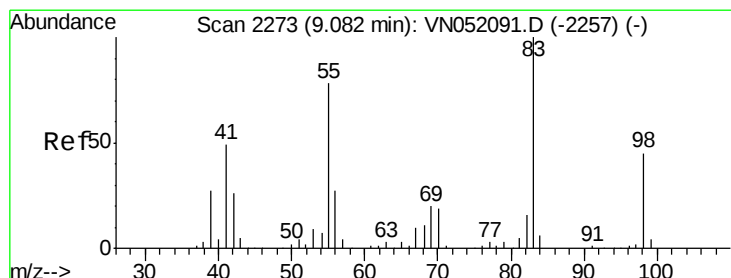
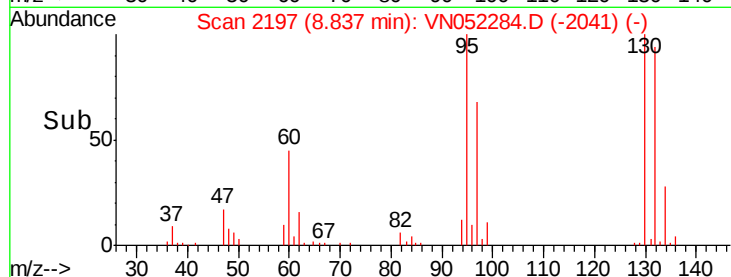
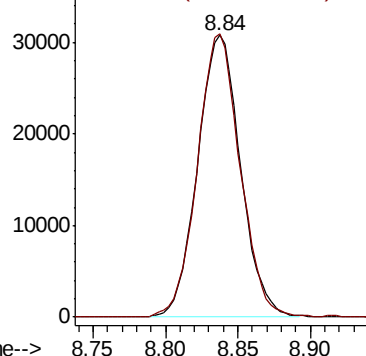
#37
 Trichloroethene
 Concen: 20.086 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:130 Resp: 63327
 Ion Ratio Lower Upper
 130 100
 95 100.4 89.9 134.9

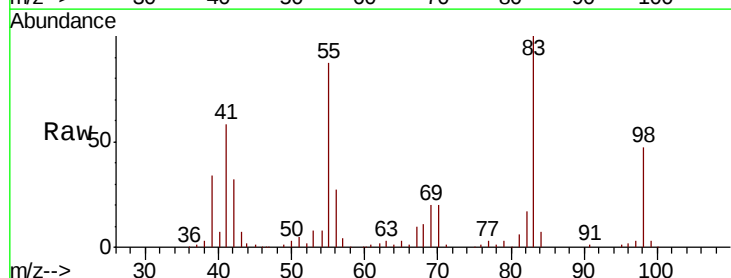


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

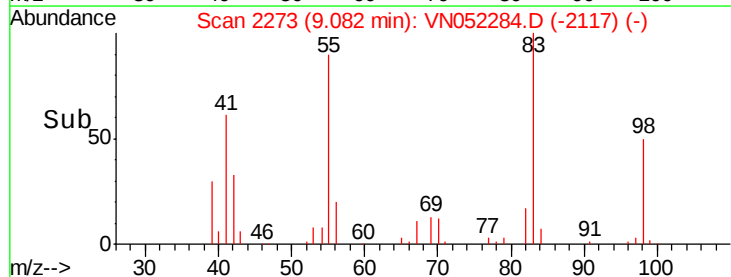
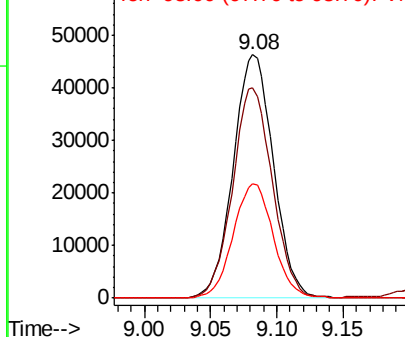


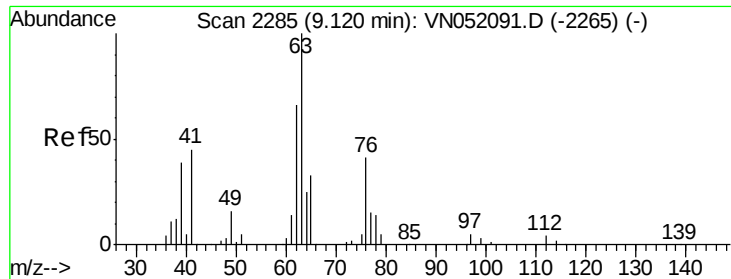
#38
 Methylcyclohexane
 Concen: 18.550 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 83 Resp: 97353
 Ion Ratio Lower Upper
 83 100
 55 85.8 38.5 115.3
 98 46.8 23.2 69.6



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

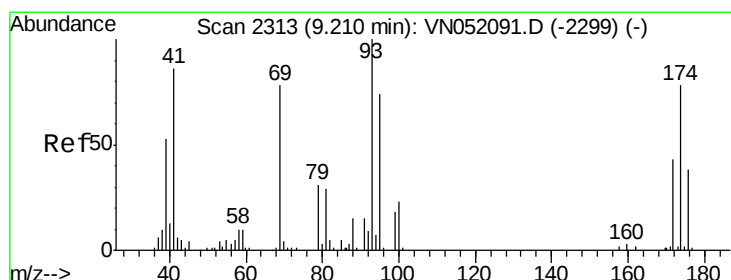
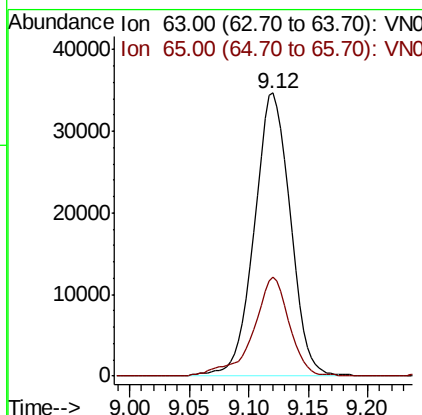
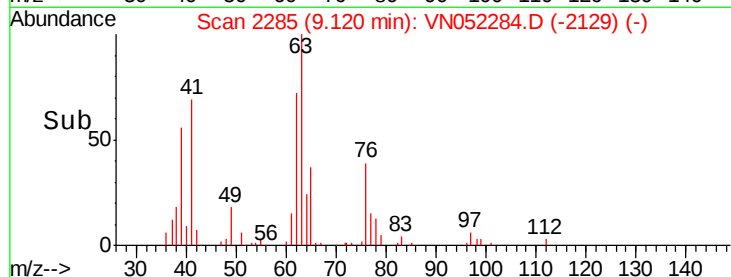
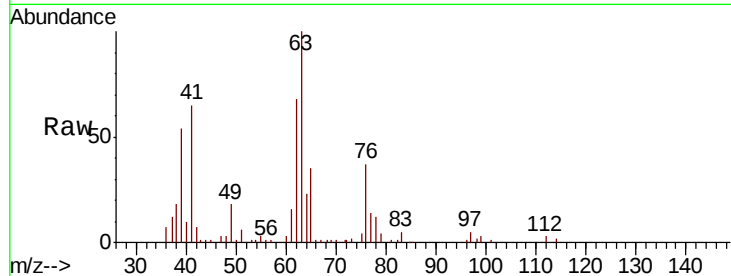




#39
 1,2-Dichloropropane
 Concen: 21.732 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

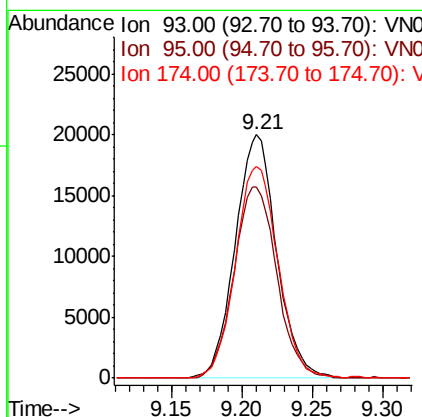
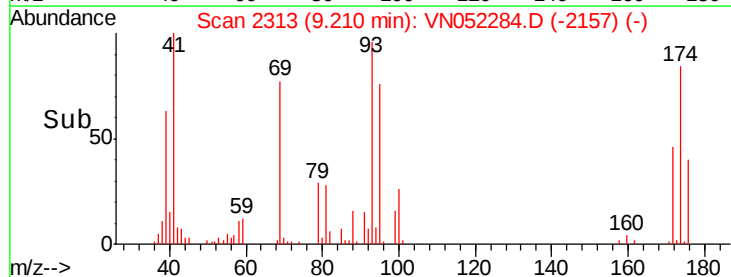
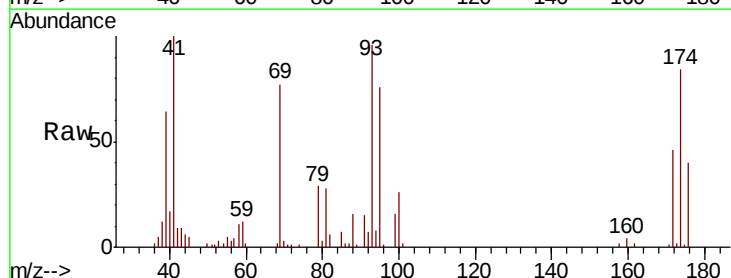
Instrument :
 MSVOA_N
 ClientSampleId :

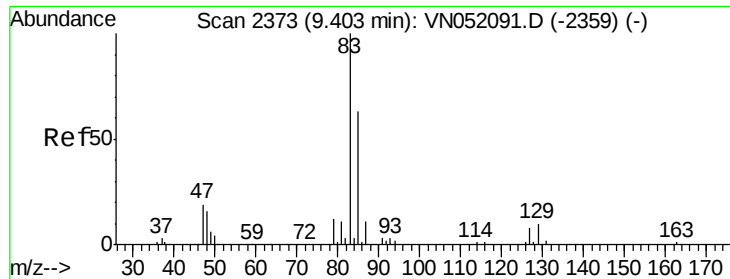
Tot Ion: 63 Resp: 72872
 Ion Ratio Lower Upper
 63 100
 65 35.2 27.3 40.9



#40
 Dibromomethane
 Concen: 19.899 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 93 Resp: 41129
 Ion Ratio Lower Upper
 93 100
 95 81.3 0.0 161.2
 174 89.2 0.0 165.0





#41

Bromodichloromethane

Concen: 19.556 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampleId :

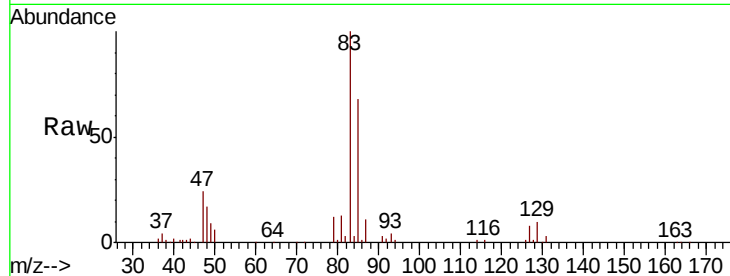
Tot Ion: 83 Resp: 82700

Ion Ratio Lower Upper

83 100

85 67.6 50.2 75.2

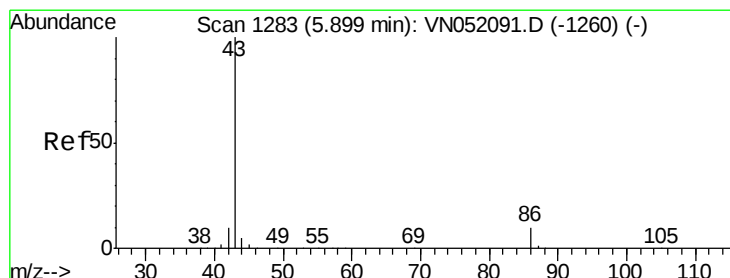
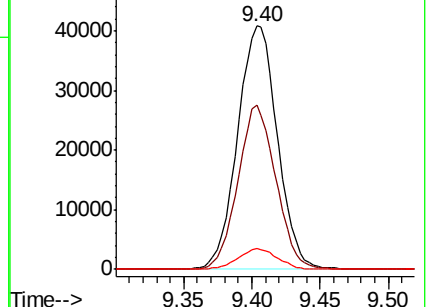
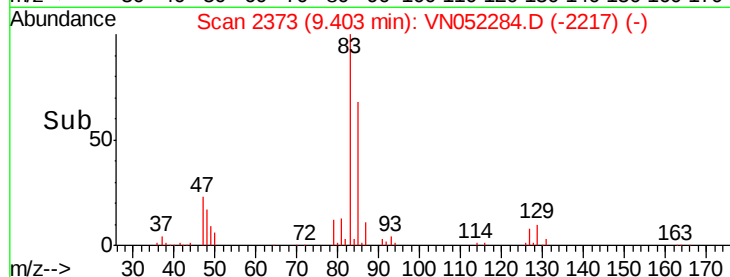
127 9.5 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VN052284.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN052284.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN052284.D (-2217) (-)



#42

Vinyl Acetate

Concen: 114.795 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052284.D

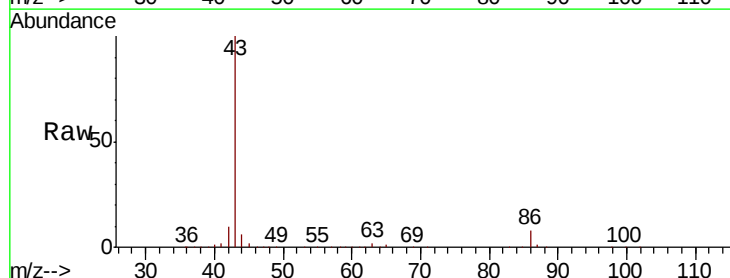
Acq: 13 Nov 2018 14:10

Tgt Ion: 43 Resp: 769947

Ion Ratio Lower Upper

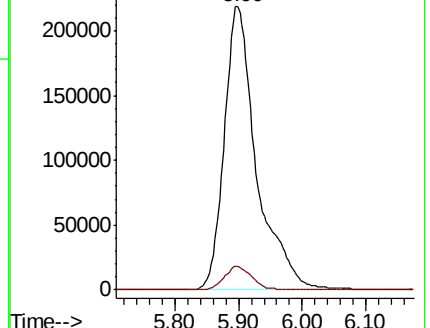
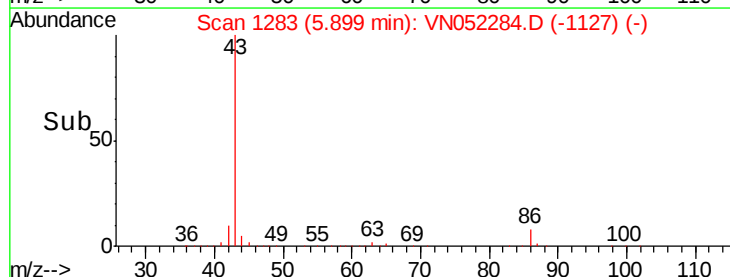
43 100

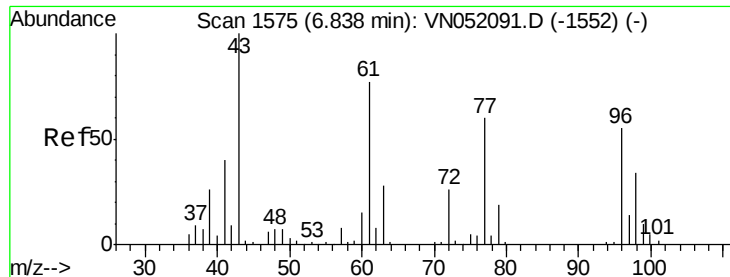
86 7.1 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN052284.D (-1127) (-)

Ion 86.00 (85.70 to 86.70): VN052284.D (-1127) (-)

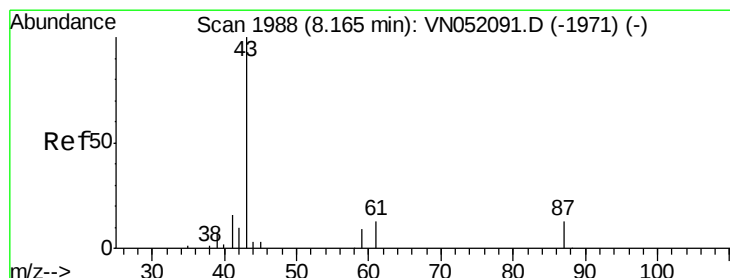
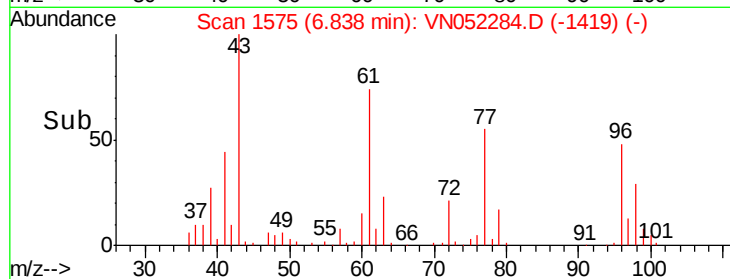
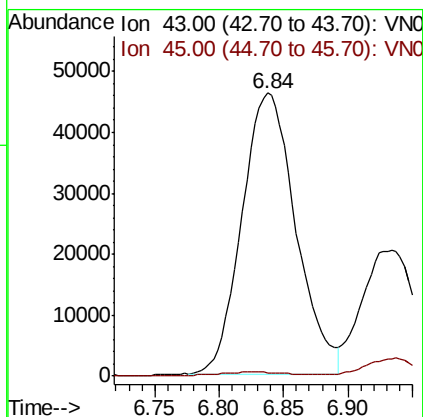
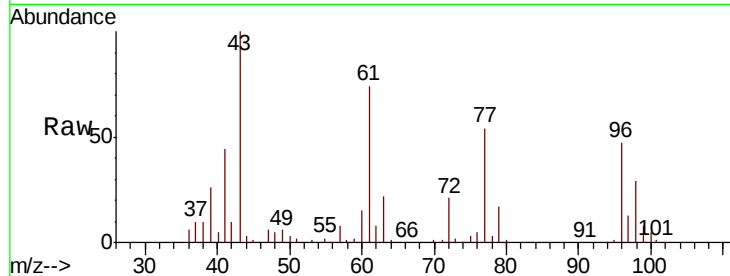




#43
Ethyl Acetate
Concen: 23.382 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

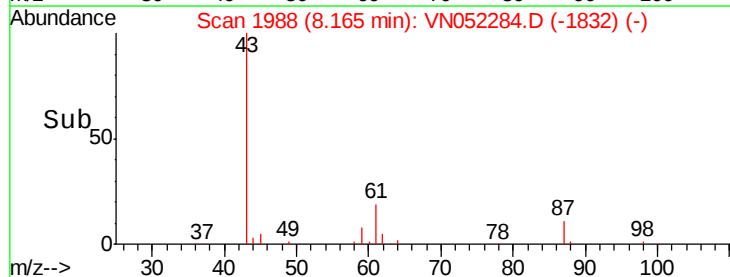
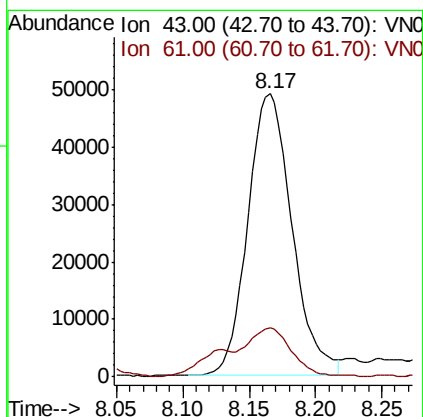
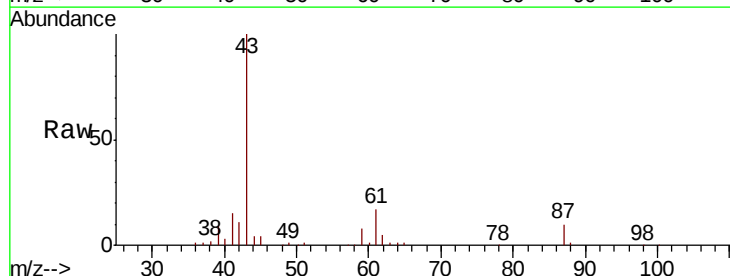
Instrument :
MSVOA_N
ClientSampled :

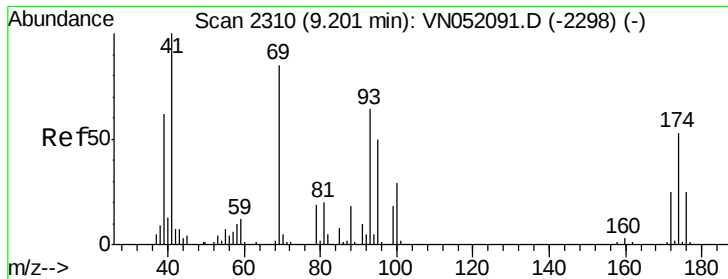
Tot Ion: 43 Resp: 134627
Ion Ratio Lower Upper
43 100
45 0.5 3.8 5.8#



#44
Isopropyl Acetate
Concen: 23.920 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 43 Resp: 114029
Ion Ratio Lower Upper
43 100
61 16.5 16.2 24.2

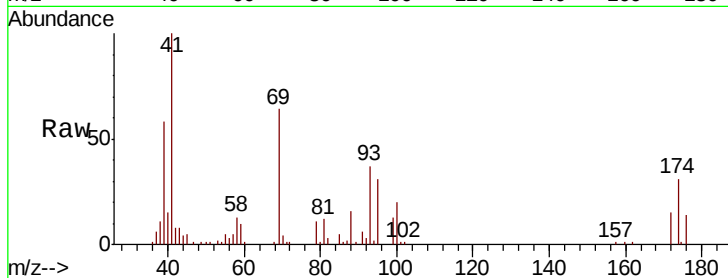




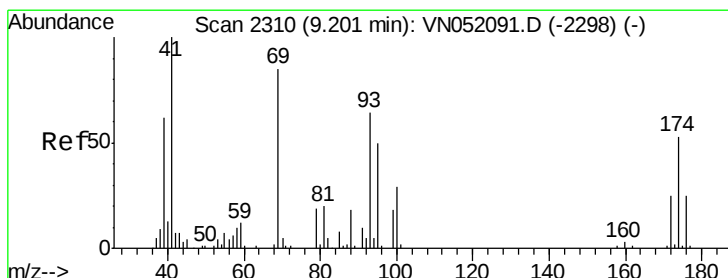
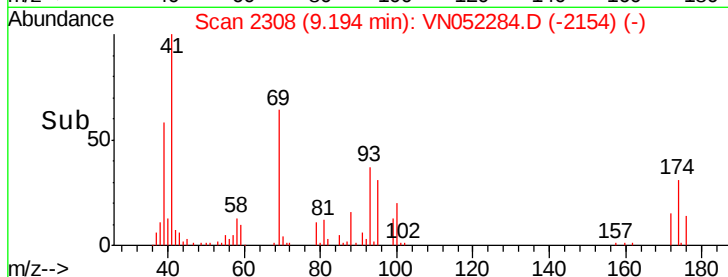
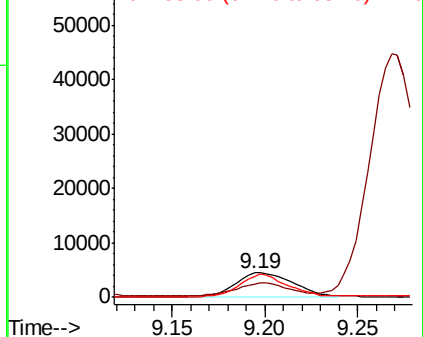
#45
 1,4-Dioxane
 Concen: 458.317 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 9967
 Ion Ratio Lower Upper
 88 100
 43 42.1 28.6 43.0
 58 78.1 37.8 56.8#

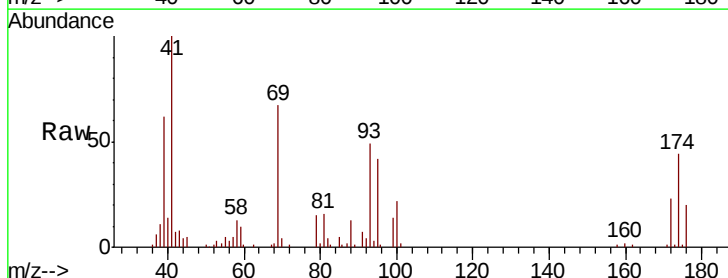


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

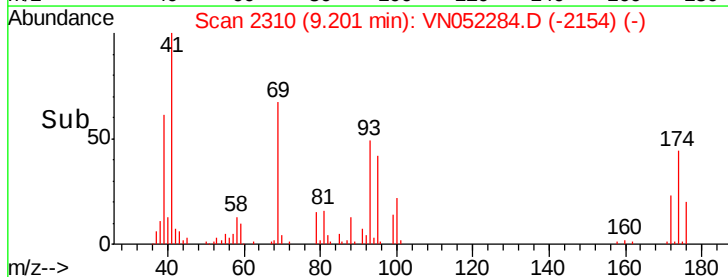
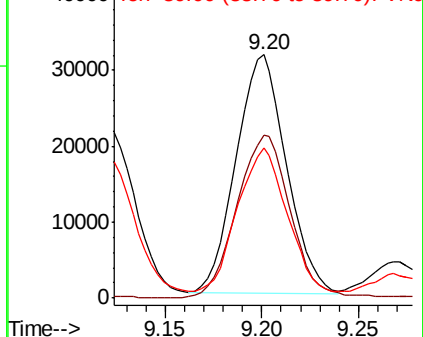


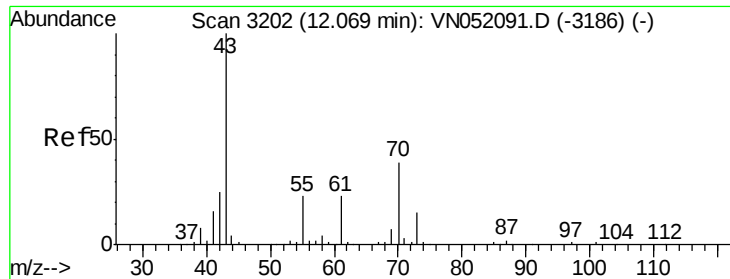
#46
 Methyl methacrylate
 Concen: 23.931 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 41 Resp: 56786
 Ion Ratio Lower Upper
 41 100
 69 67.7 42.5 127.6
 39 60.5 31.1 93.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

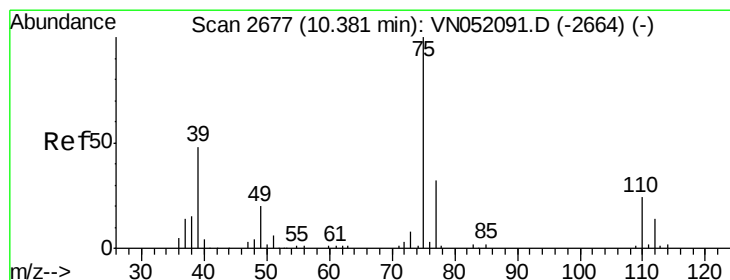
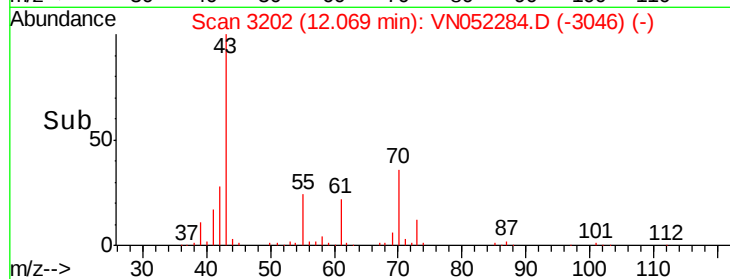
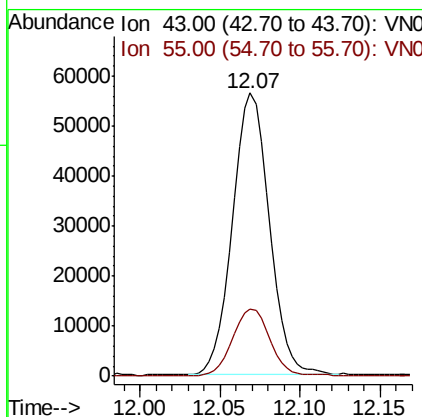
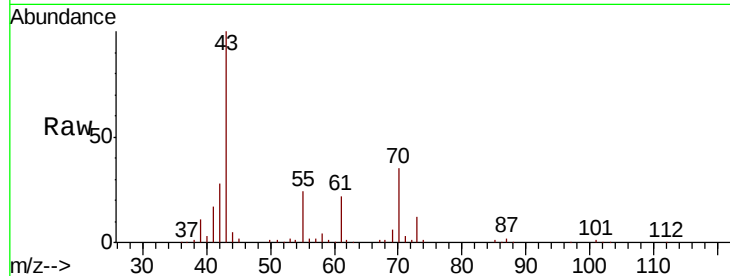




#47
n-amyl Acetate
Concen: 20.381 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

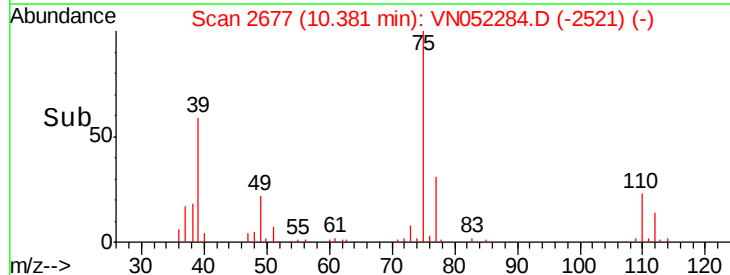
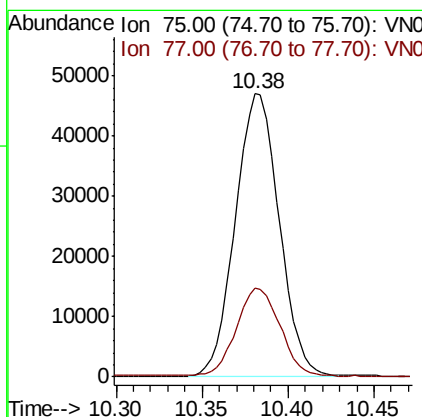
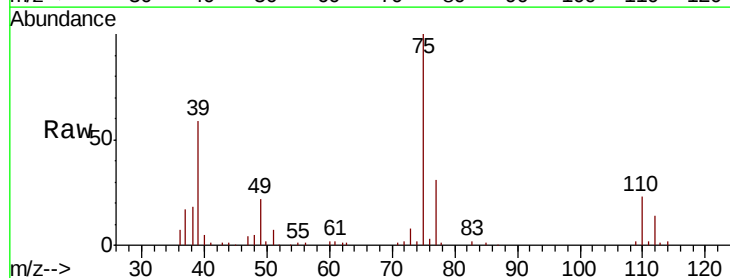
Instrument :
MSVOA_N
ClientSampled :

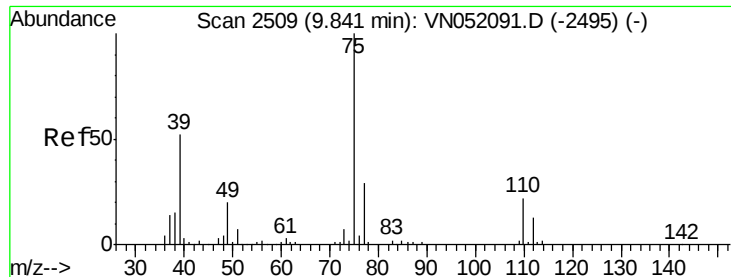
Tot Ion: 43 Resp: 88067
Ion Ratio Lower Upper
43 100
55 24.3 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 19.859 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 75 Resp: 83394
Ion Ratio Lower Upper
75 100
77 31.0 26.3 39.5



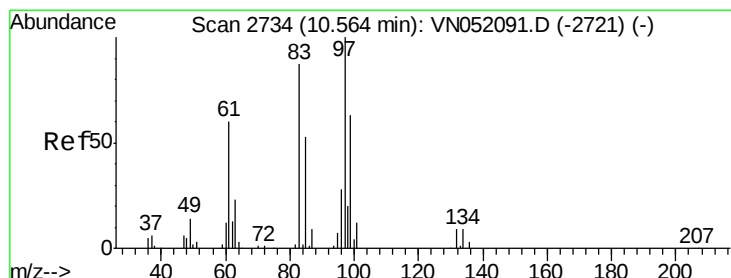
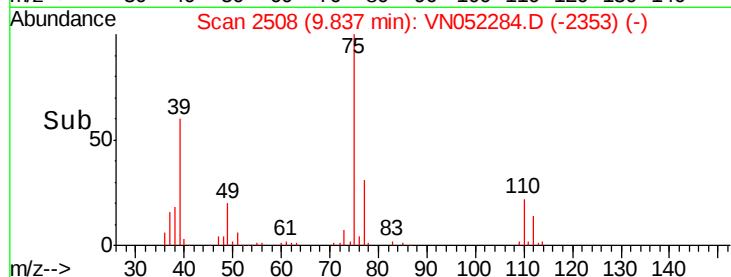
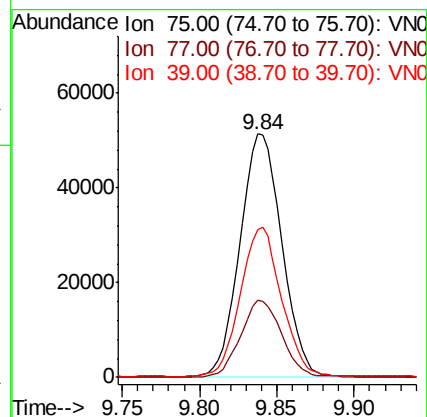
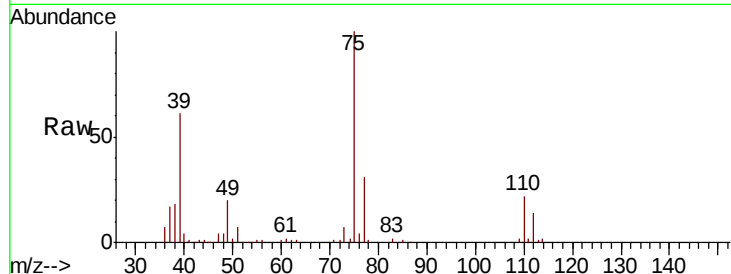


#49

cis-1,3-Dichloropropene
 Concen: 20.003 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Instrument :
 MSVOA_N
 ClientSampleId :

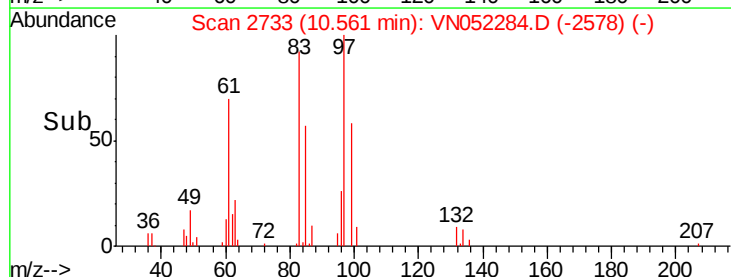
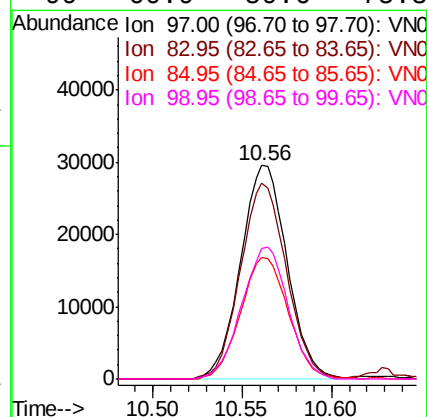
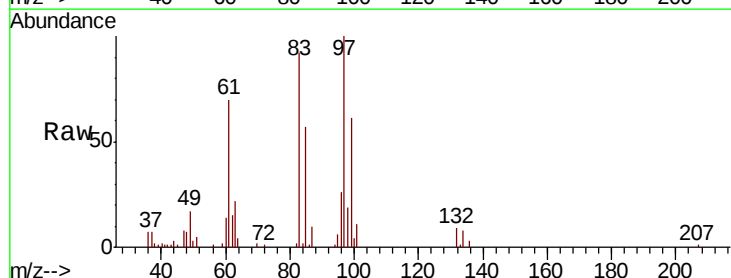
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	23.3	34.9
39	59.9	41.6	62.4

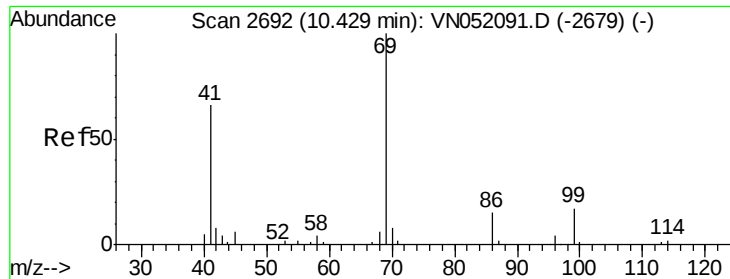


#50

1,1,2-Trichloroethane
 Concen: 19.707 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.7	69.4	104.0
85	56.9	42.7	64.1
99	60.9	50.6	75.8

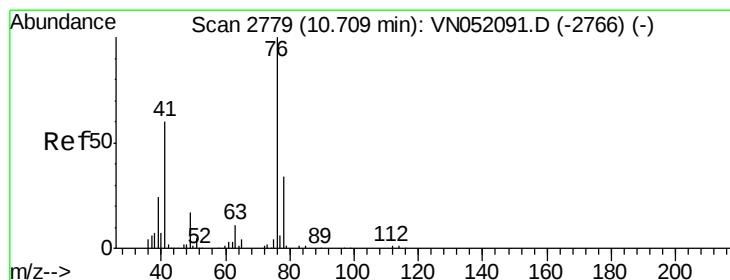
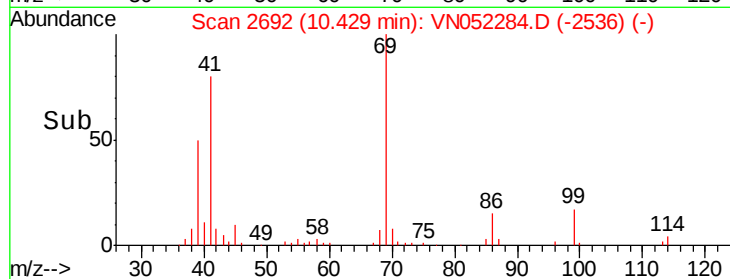
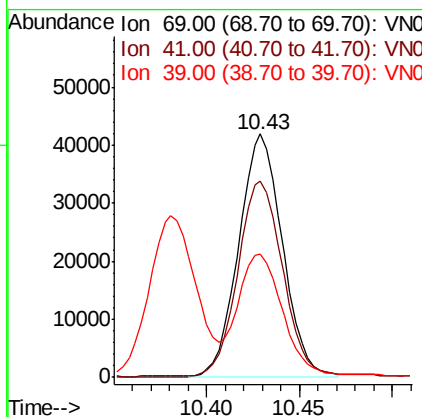
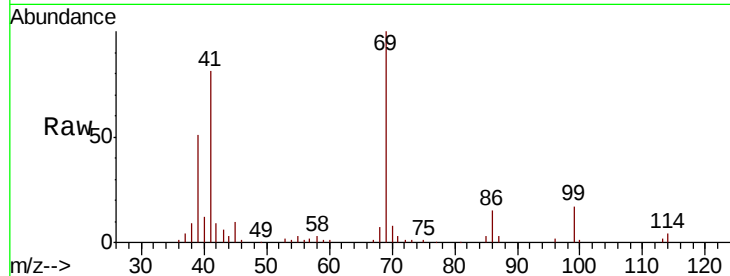




#51
Ethyl methacrylate
Concen: 19.520 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

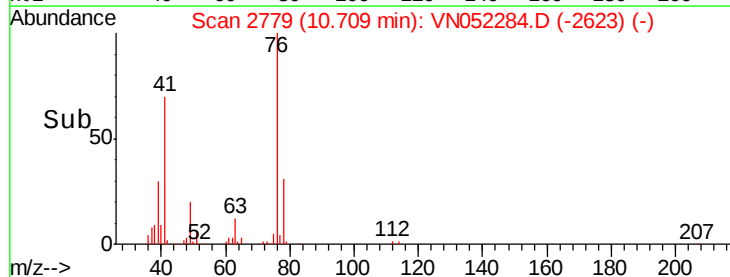
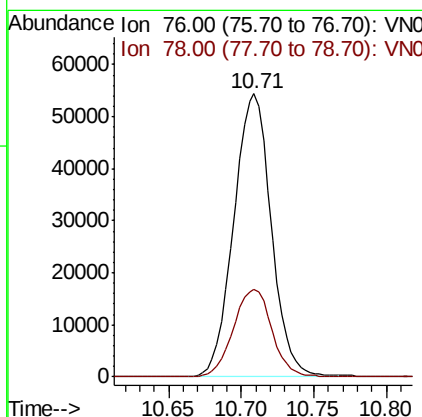
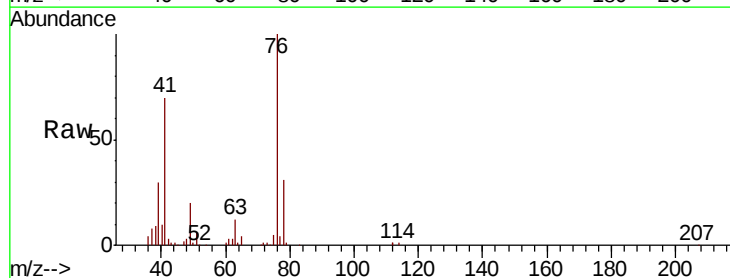
Instrument :
MSVOA_N
ClientSampleId :

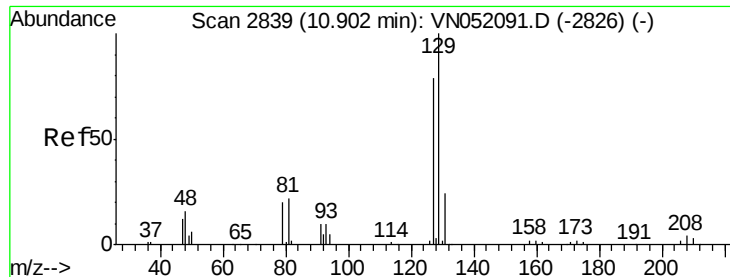
Tot Ion: 69 Resp: 68951
Ion Ratio Lower Upper
69 100
41 80.1 33.0 99.0
39 49.1 20.7 62.1



#52
1,3-Dichloropropane
Concen: 20.542 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 76 Resp: 97794
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.0

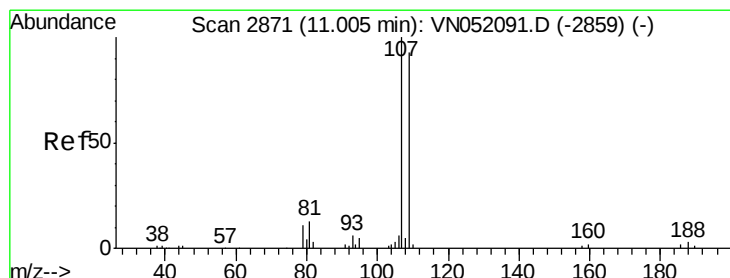
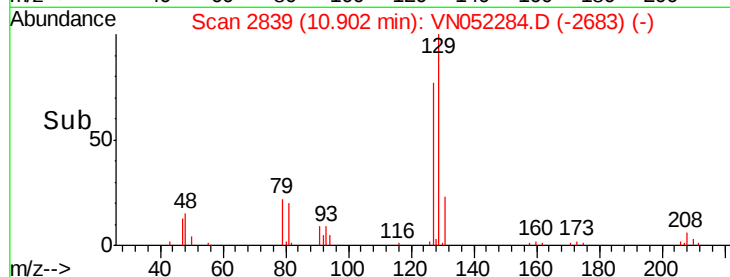
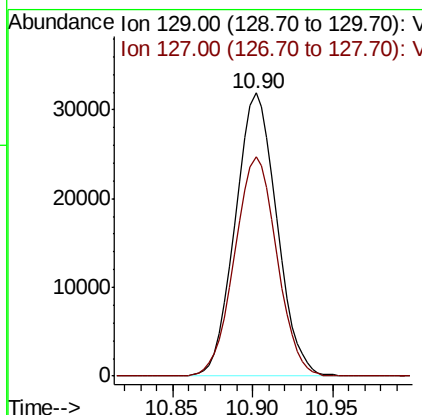
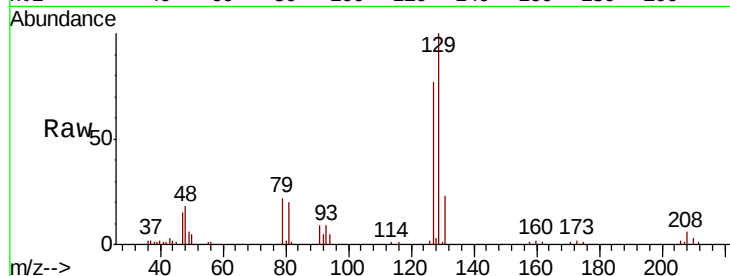




#53
Dibromochloromethane
Concen: 19.156 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

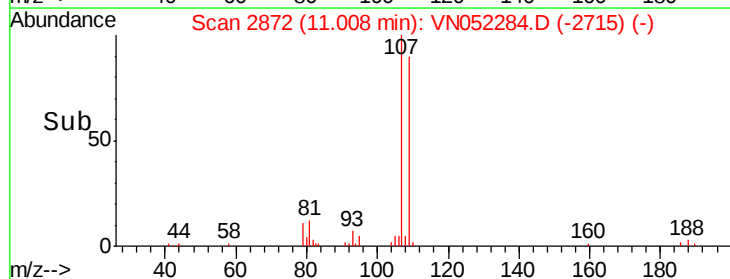
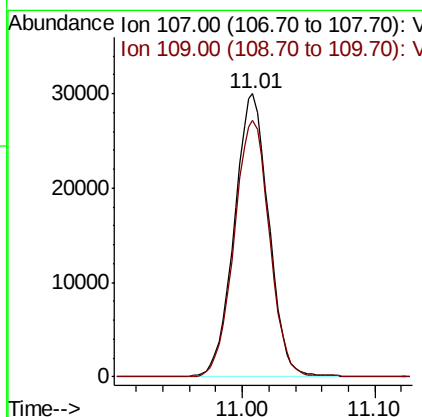
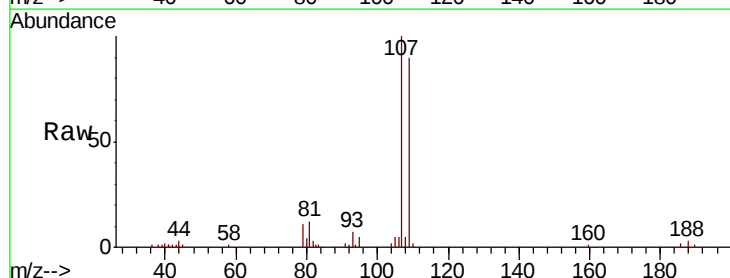
Instrument :
MSVOA_N
ClientSampled :

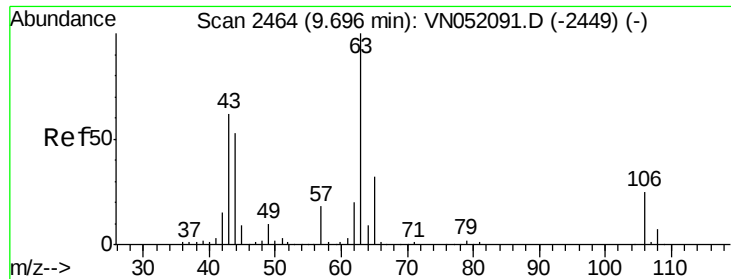
Tot Ion:129 Resp: 56523
Ion Ratio Lower Upper
129 100
127 78.8 39.2 117.6



#54
1,2-Dibromoethane
Concen: 19.551 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion:107 Resp: 54186
Ion Ratio Lower Upper
107 100
109 92.4 77.0 115.6

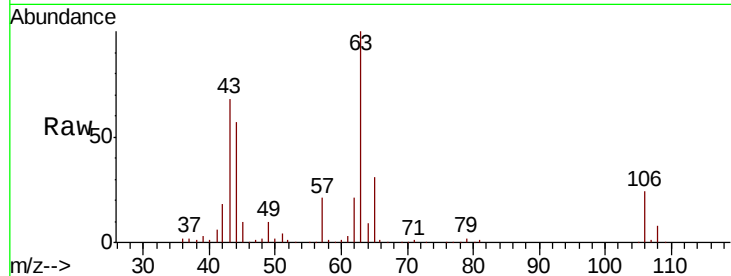




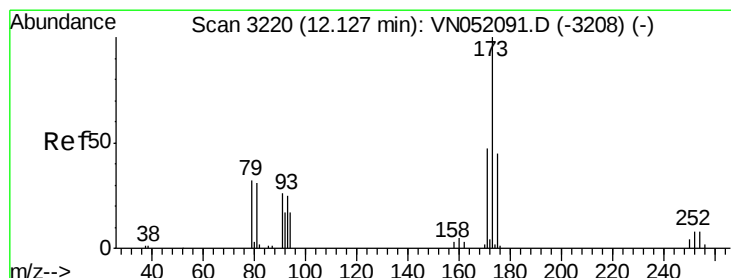
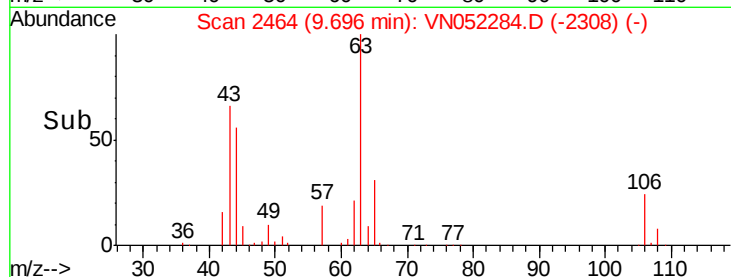
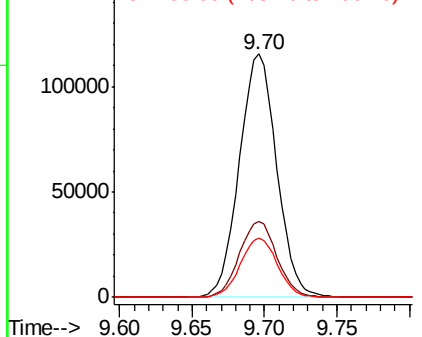
#55
2-Chloroethyl vinyl ether
Concen: 107.292 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 207533
Ion Ratio Lower Upper
63 100
65 31.4 25.5 38.3
106 24.2 20.4 30.6

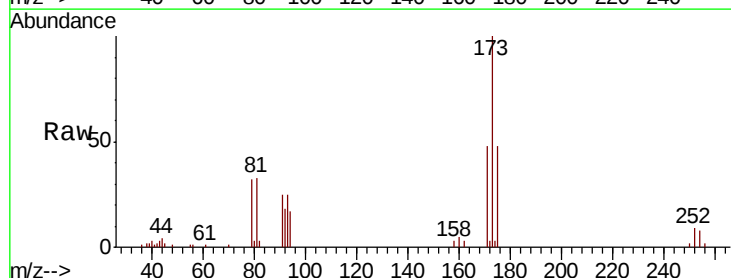


Abundance Ion 63.00 (62.70 to 63.70): VN052091.D (-2449) (-)
Ion 65.00 (64.70 to 65.70): VN052091.D (-2449) (-)
Ion 106.00 (105.70 to 106.70): VN052091.D (-2449) (-)

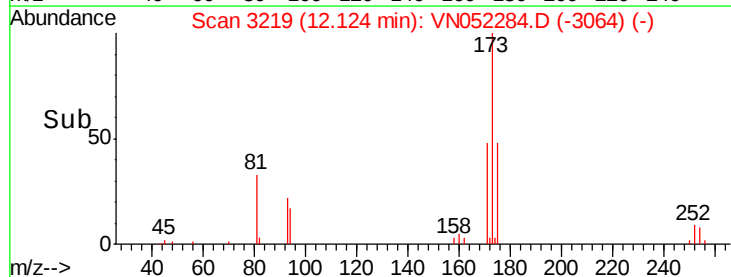
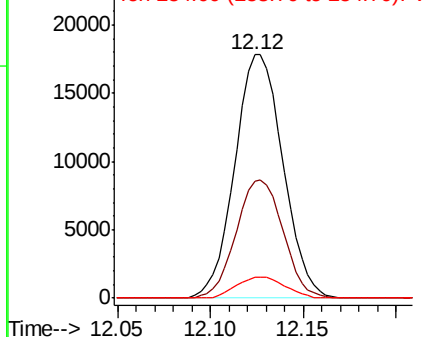


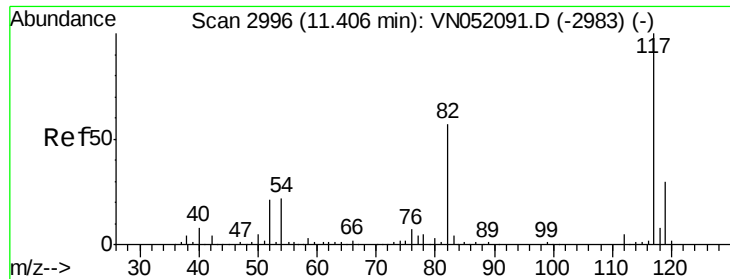
#56
Bromoform
Concen: 18.875 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 173 Resp: 32166
Ion Ratio Lower Upper
173 100
175 47.3 37.3 55.9
254 8.7 7.0 10.6



Abundance Ion 173.00 (172.70 to 173.70): VN052091.D (-3208) (-)
Ion 175.00 (174.70 to 175.70): VN052091.D (-3208) (-)
Ion 254.00 (253.70 to 254.70): VN052091.D (-3208) (-)

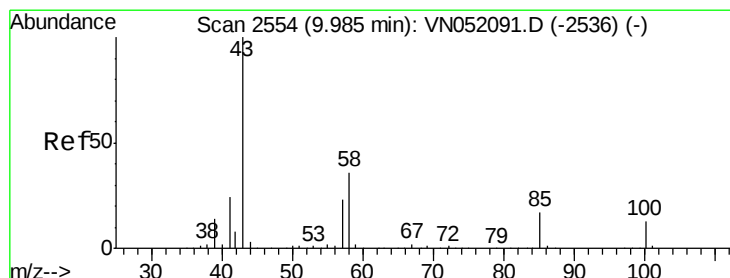
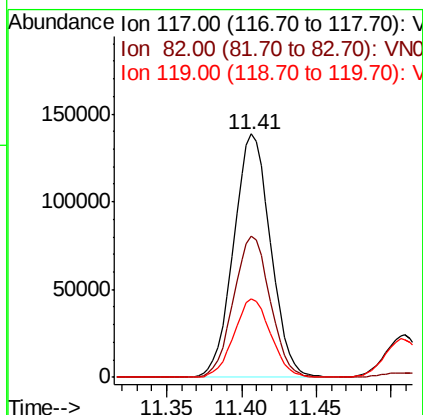
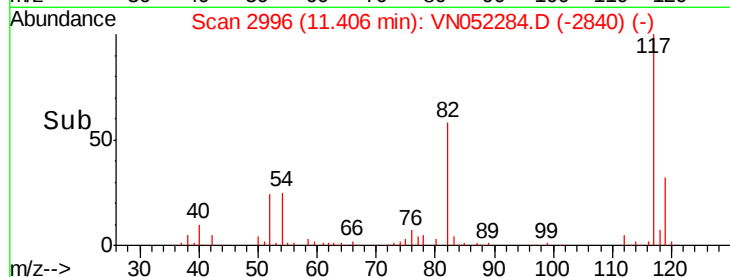
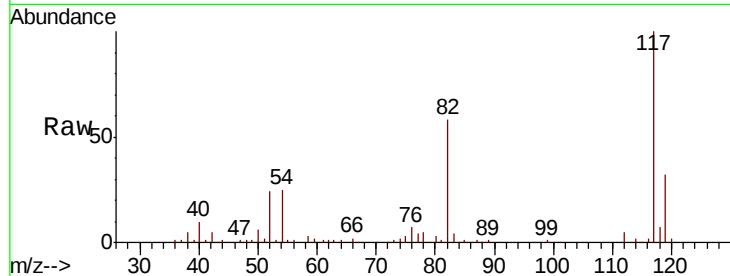




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

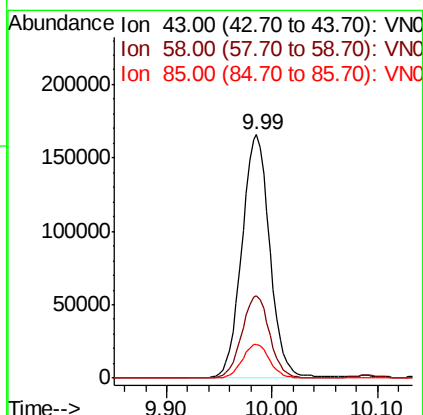
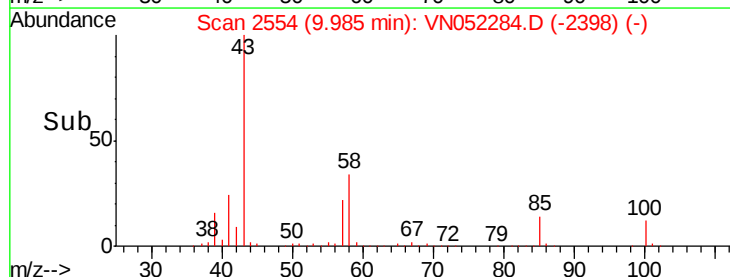
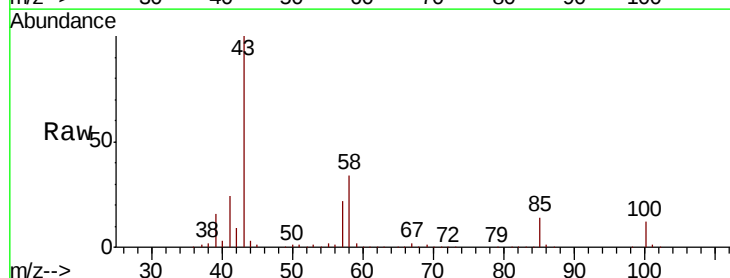
Instrument :
MSVOA_N
ClientSampled :

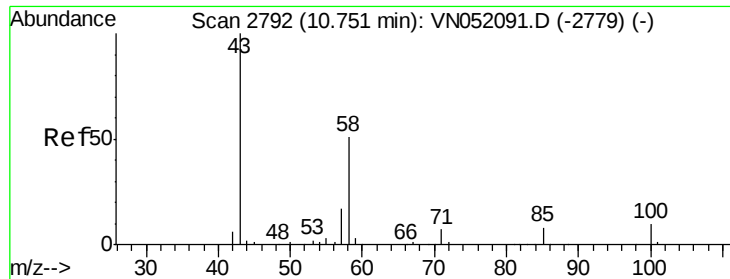
Tot Ion:117 Resp: 238508
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.6
119 32.2 24.2 36.4



#58
4-Methyl-2-Pentanone
Concen: 118.703 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 43 Resp: 303374
Ion Ratio Lower Upper
43 100
58 33.8 29.0 43.6
85 13.7 13.4 20.2

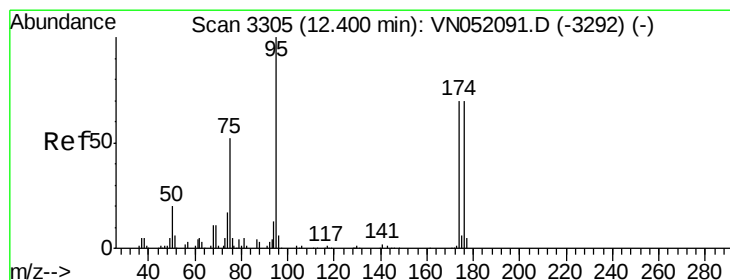
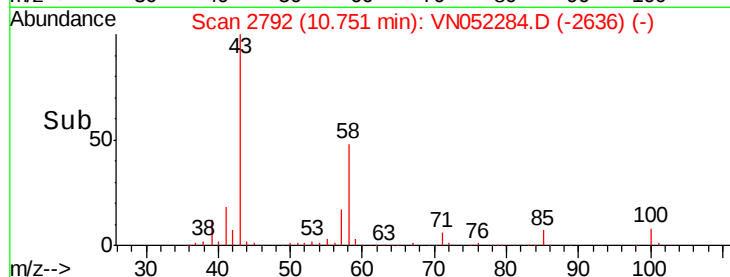
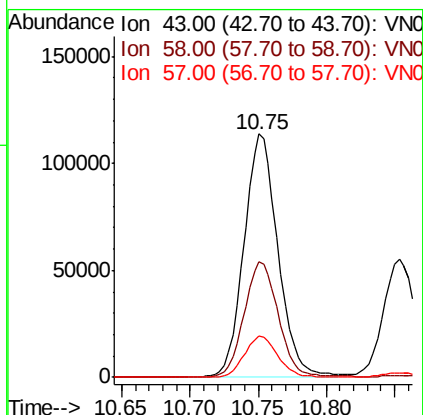
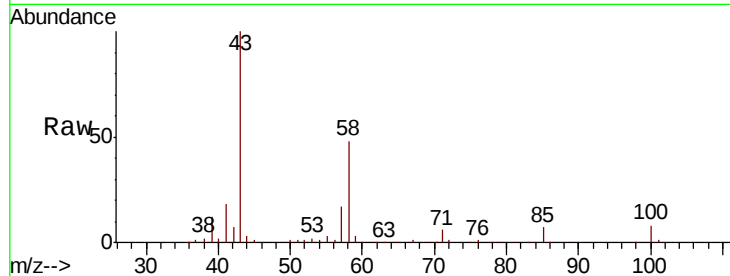




#59
2-Hexanone
Concen: 110.910 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

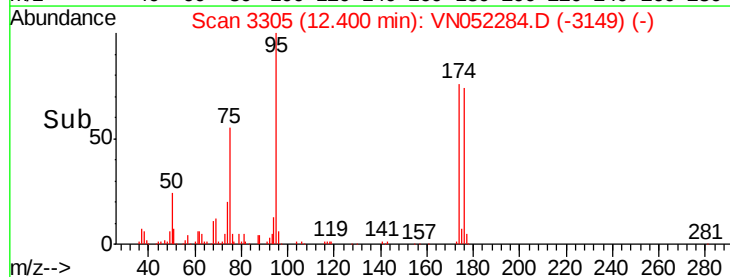
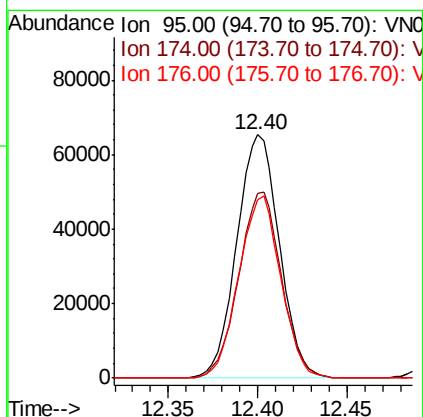
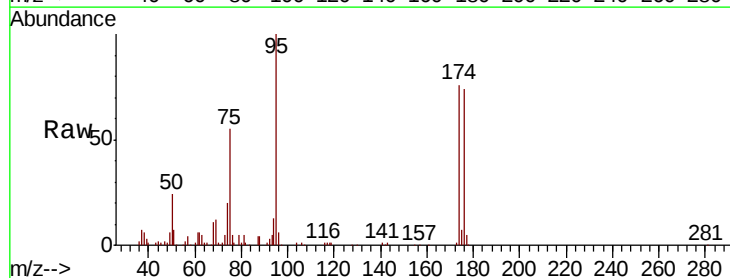
Instrument :
MSVOA_N
ClientSampled :

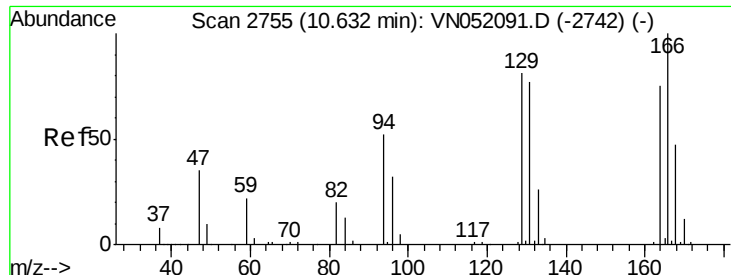
Tot Ion: 43 Resp: 195169
Ion Ratio Lower Upper
43 100
58 48.6 40.8 61.2
57 16.7 13.8 20.8



#60
4-Bromofluorobenzene
Concen: 110.910 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion: 95 Resp: 108962
Ion Ratio Lower Upper
95 100
174 76.5 55.0 82.6
176 74.1 54.2 81.4





#61

Tetrachloroethene

Concen: 20.734 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 53783

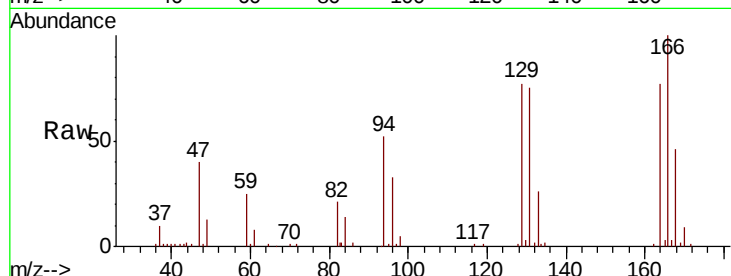
Ion Ratio Lower Upper

164 100

166 130.7 106.4 159.6

129 101.1 87.0 130.4

131 98.1 81.4 122.2

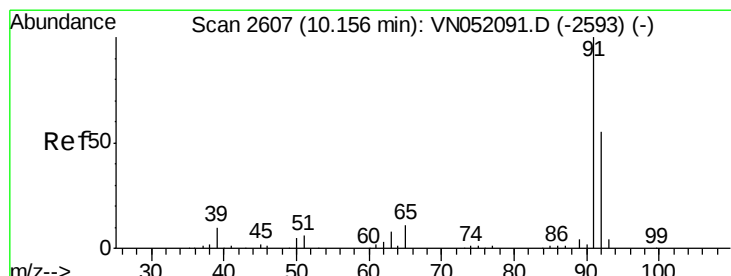
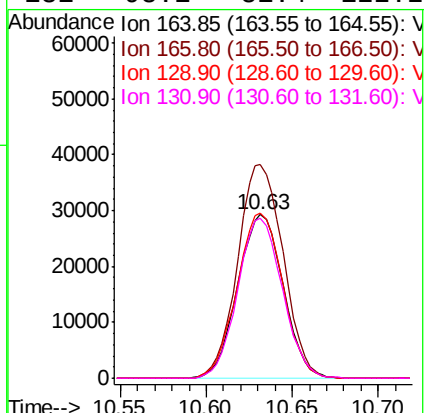
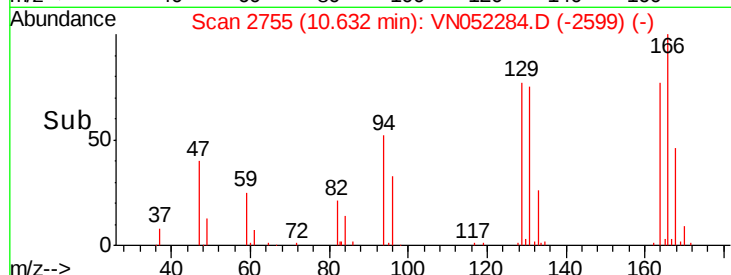


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.232 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052284.D

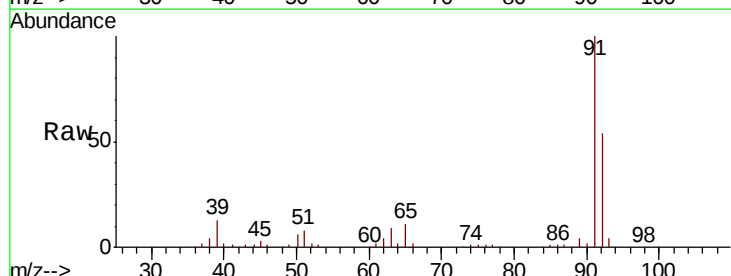
Acq: 13 Nov 2018 14:10

Tgt Ion: 91 Resp: 270884

Ion Ratio Lower Upper

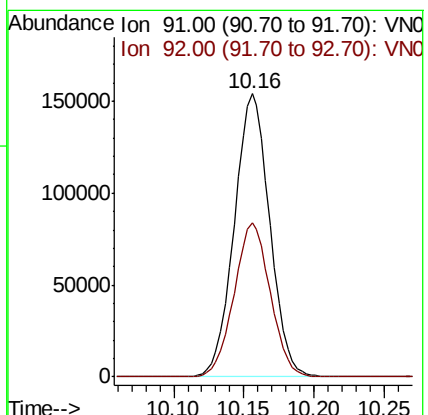
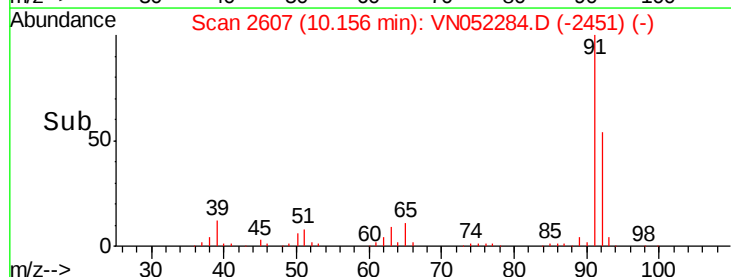
91 100

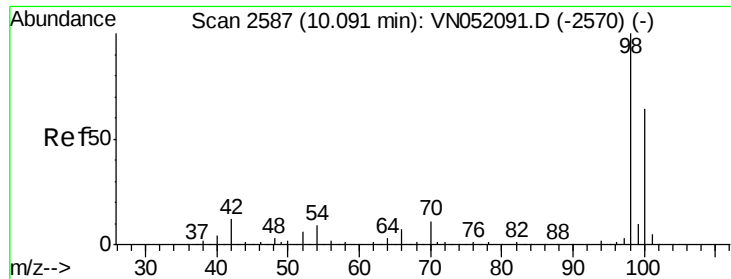
92 55.4 44.6 67.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 20.232 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

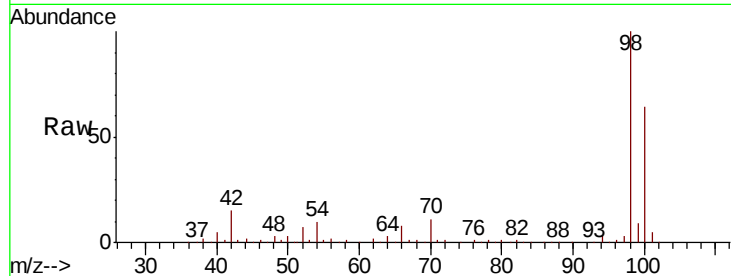
ClientSampleId :

Tot Ion: 98 Resp: 341556

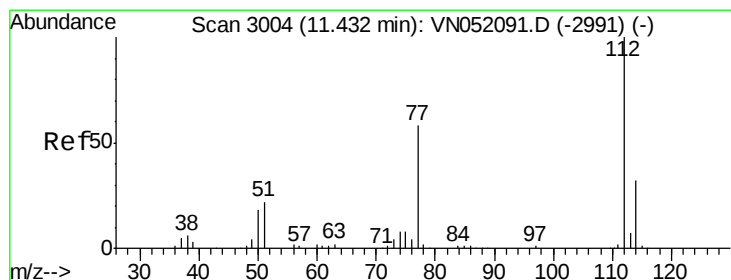
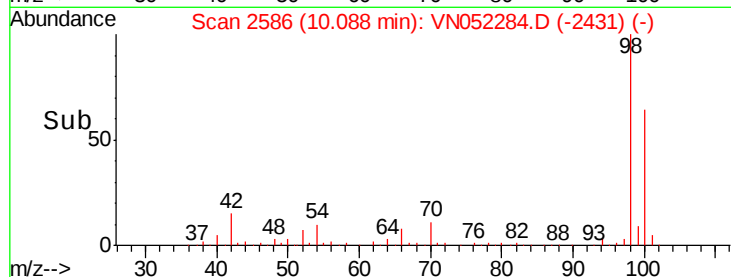
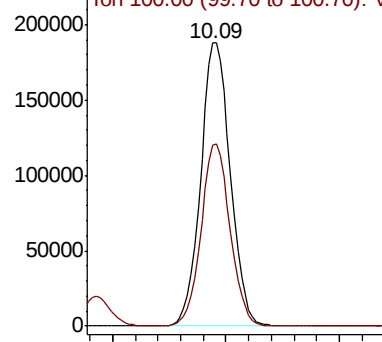
Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN052091.D (-2570) (-)



#64

Chlorobenzene

Concen: 18.940 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN052284.D

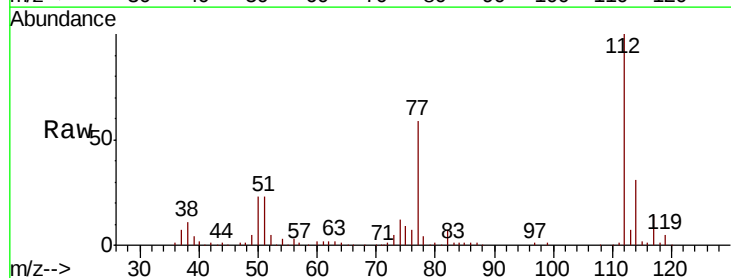
Acq: 13 Nov 2018 14:10

Tgt Ion: 112 Resp: 160714

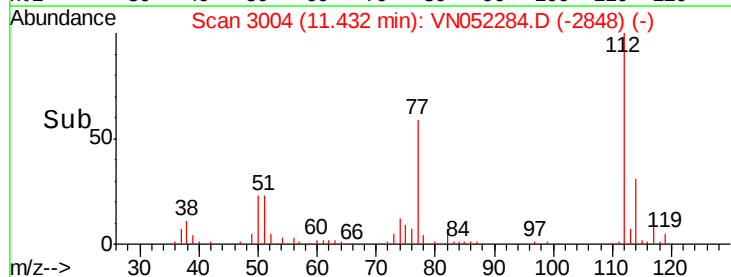
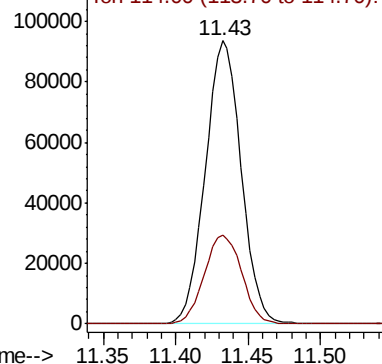
Ion Ratio Lower Upper

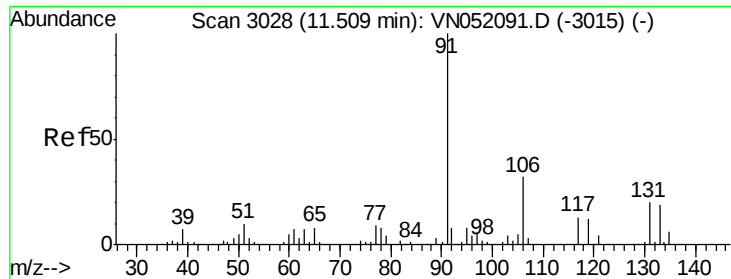
112 100

114 31.3 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VN052091.D (-2991) (-)

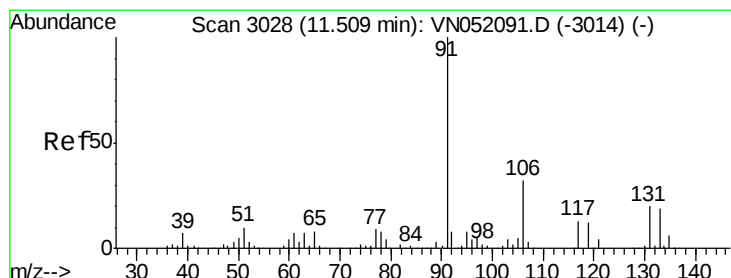
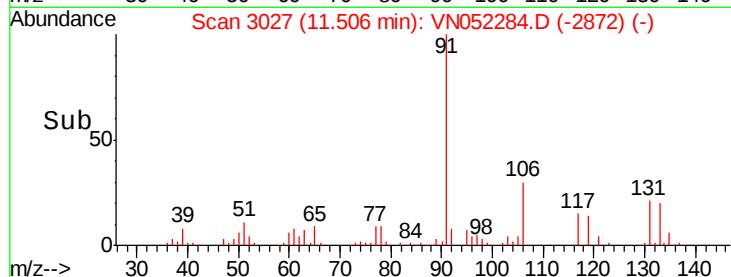
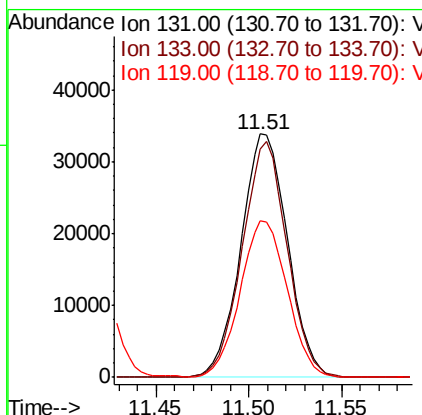
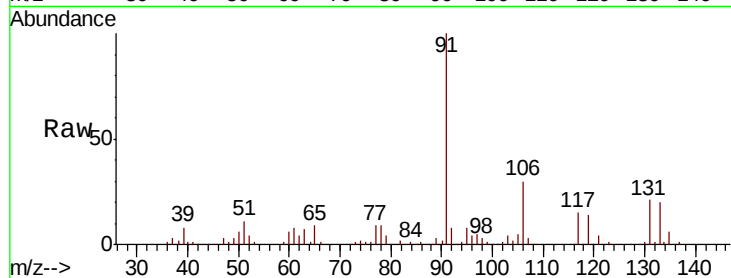




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.438 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

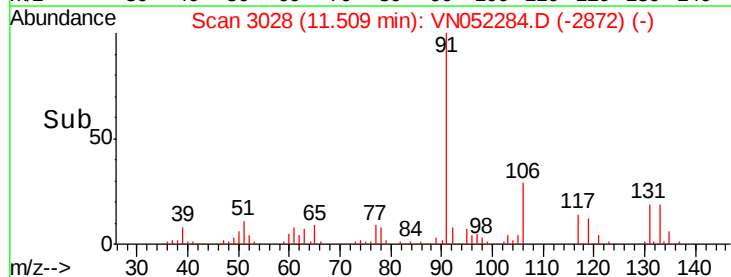
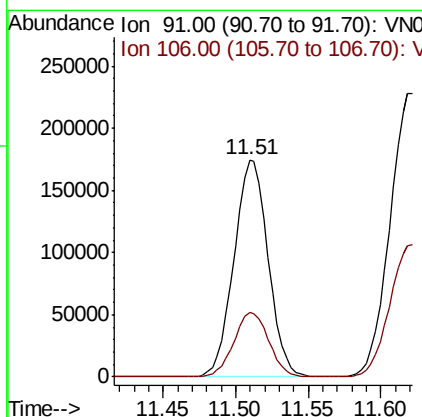
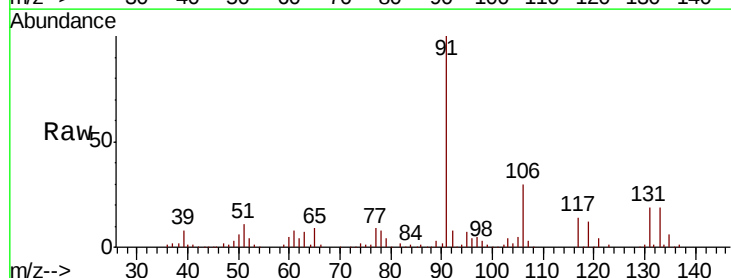
Instrument :
 MSVOA_N
 ClientSampled :

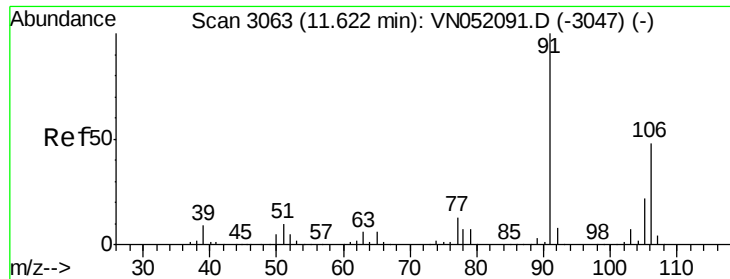
Tot Ion:131 Resp: 59028
 Ion Ratio Lower Upper
 131 100
 133 93.5 0.0 188.8
 119 64.9 0.0 131.4



#66
 Ethyl Benzene
 Concen: 19.738 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 91 Resp: 285454
 Ion Ratio Lower Upper
 91 100
 106 29.9 25.7 38.5

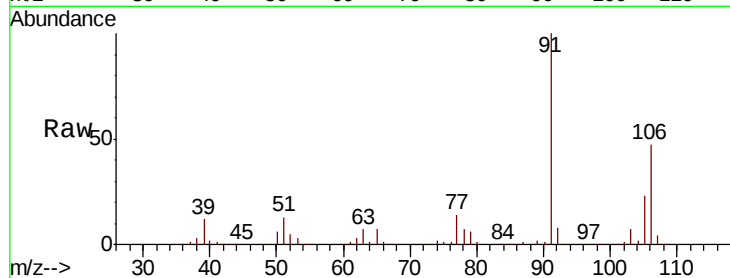




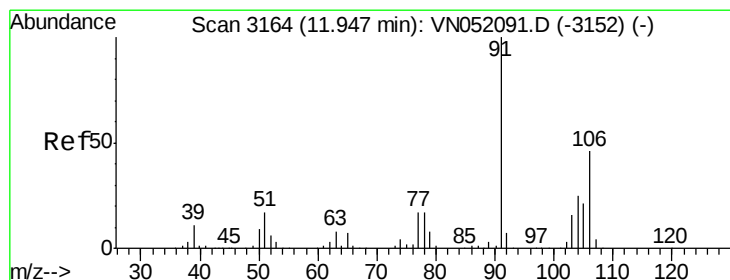
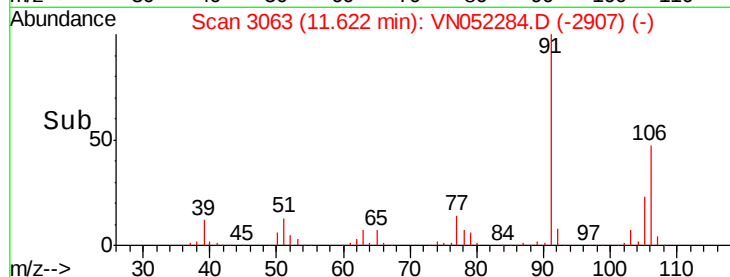
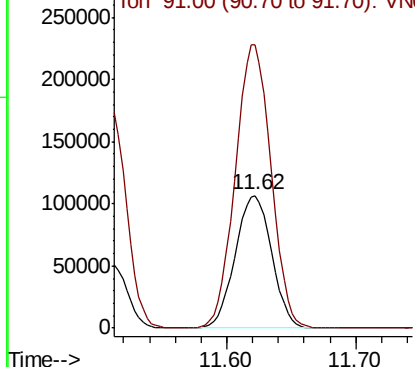
#67
m/p-Xylenes
Concen: 37.612 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 209424
Ion Ratio Lower Upper
106 100
91 209.7 163.6 245.4

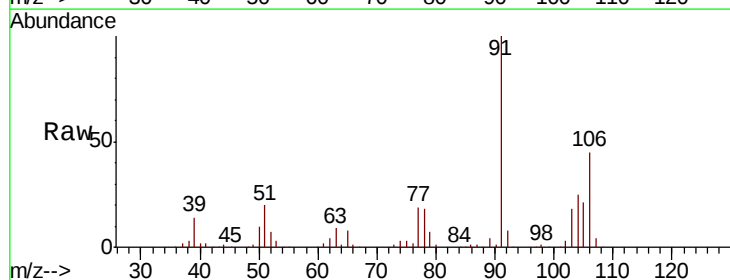


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

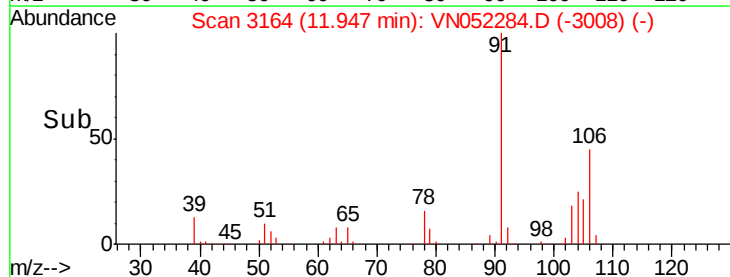
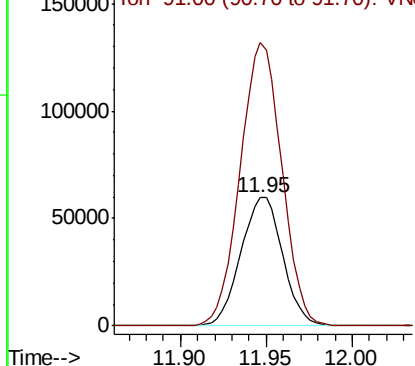


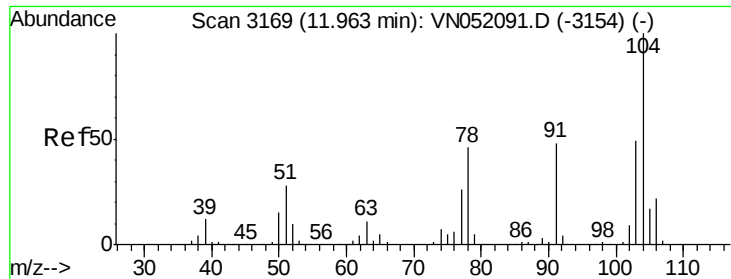
#68
o-Xylene
Concen: 19.026 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion:106 Resp: 101000
Ion Ratio Lower Upper
106 100
91 219.9 110.0 330.0



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

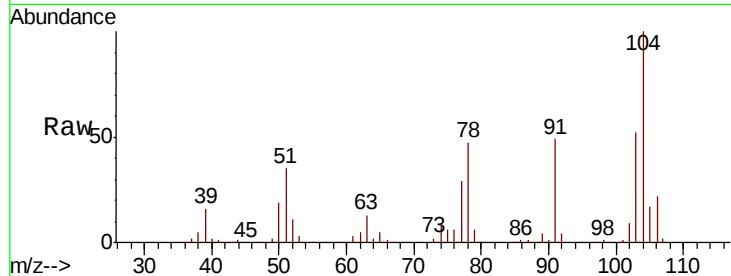




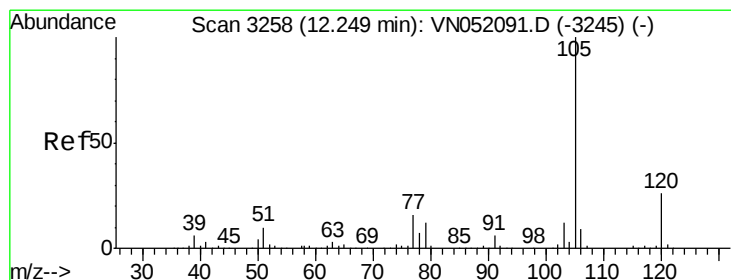
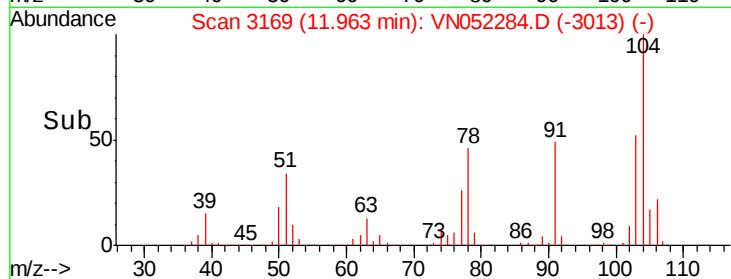
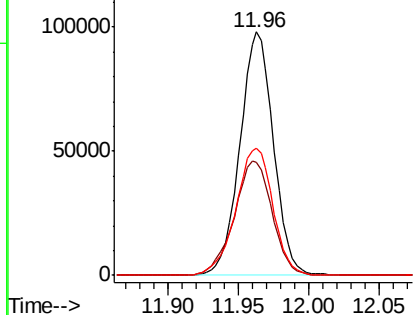
#69
Stvrene
Concen: 19.103 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:104 Resp: 163412
Ion Ratio Lower Upper
104 100
78 53.0 41.3 61.9
103 57.5 43.3 64.9

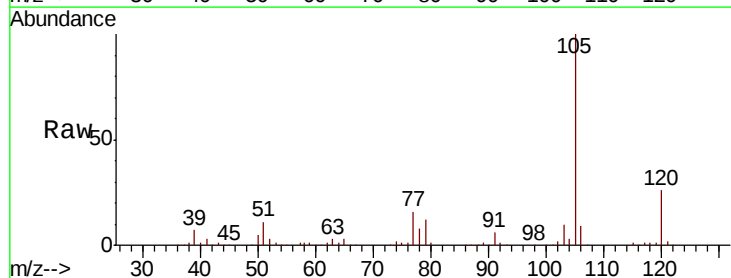


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

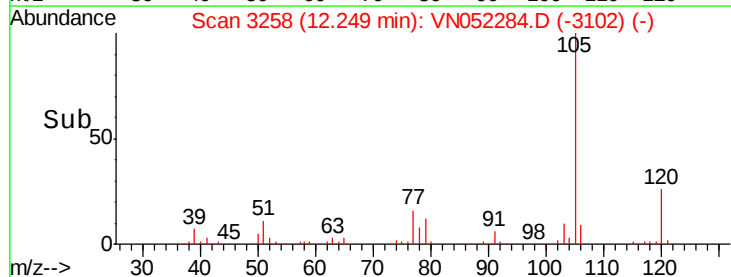
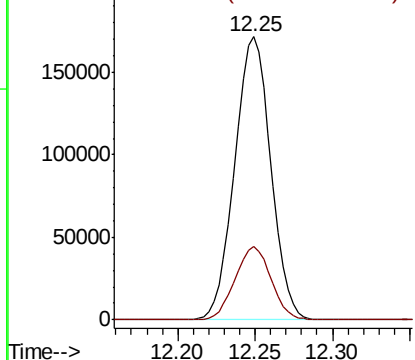


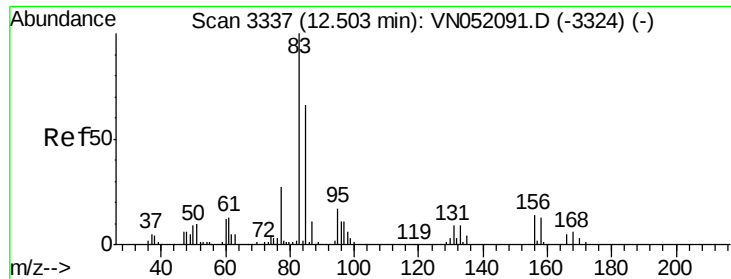
#70
Isopropylbenzene
Concen: 19.468 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion:105 Resp: 277428
Ion Ratio Lower Upper
105 100
120 25.9 18.4 34.2



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

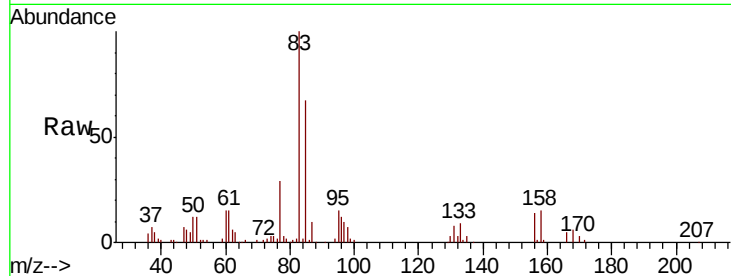




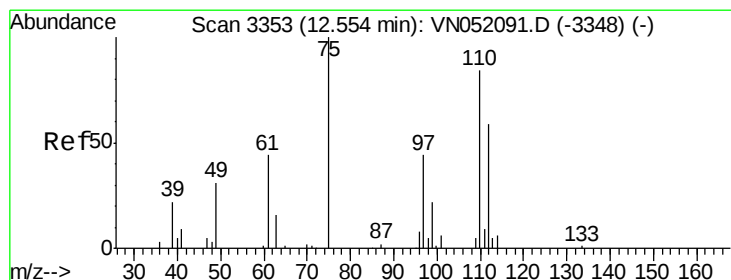
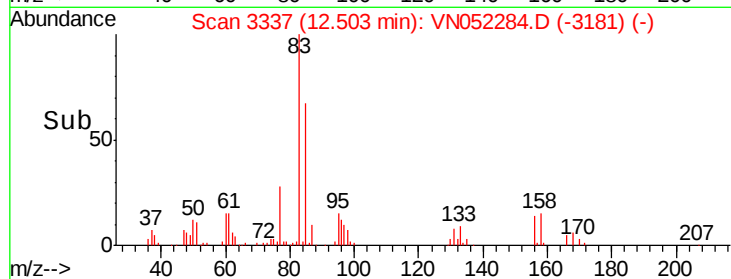
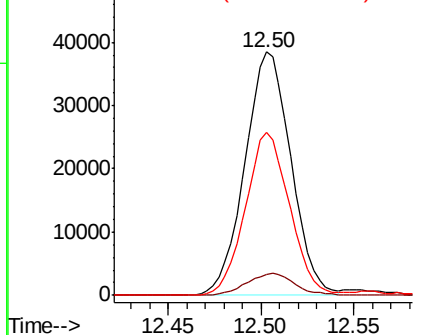
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.190 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 83 Resp: 66420
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.8 14.3
 85 64.1 32.7 98.1

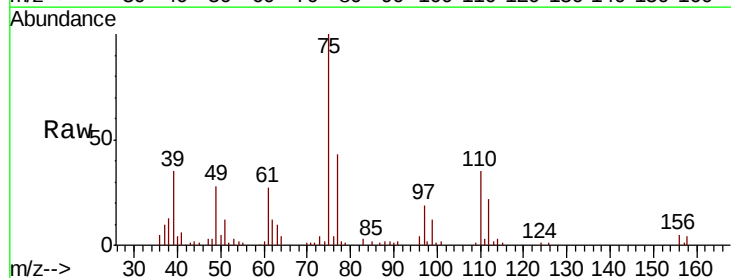


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

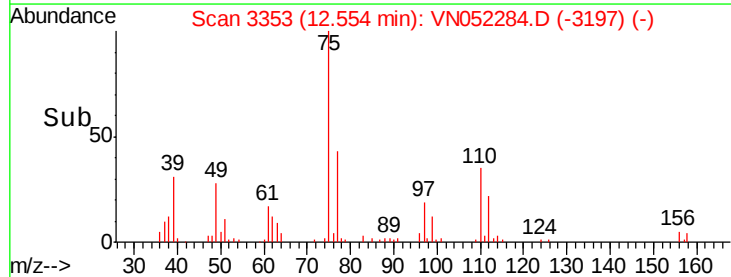
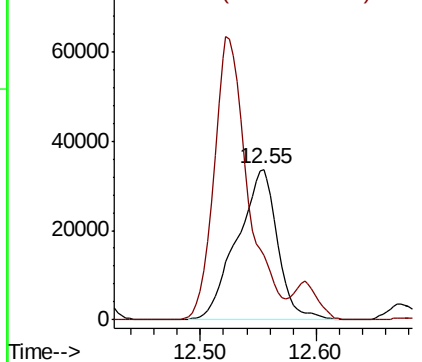


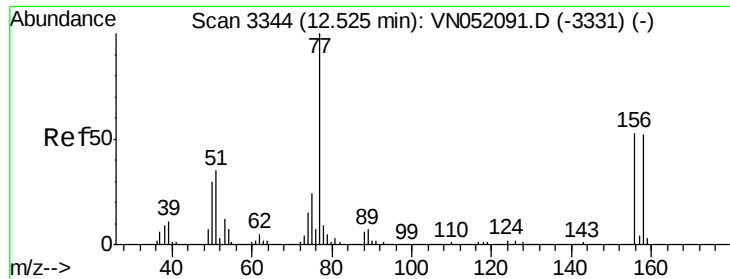
#72
 1,2,3-Trichloropropane
 Concen: 29.816 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 75 Resp: 82173
 Ion Ratio Lower Upper
 75 100
 77 157.2 0.0 481.8



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 19.644 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampleId :

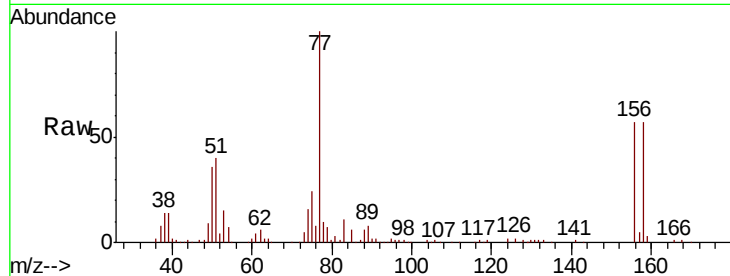
Tot Ion:156 Resp: 62028

Ion Ratio Lower Upper

156 100

77 208.2 0.0 428.0

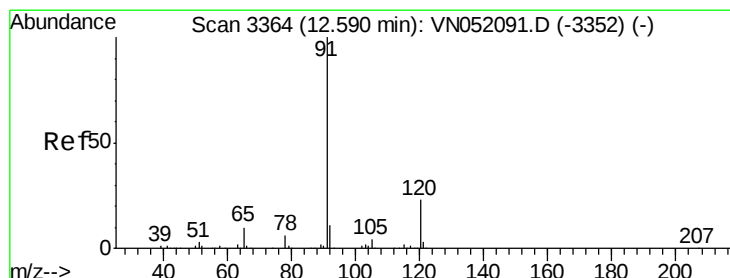
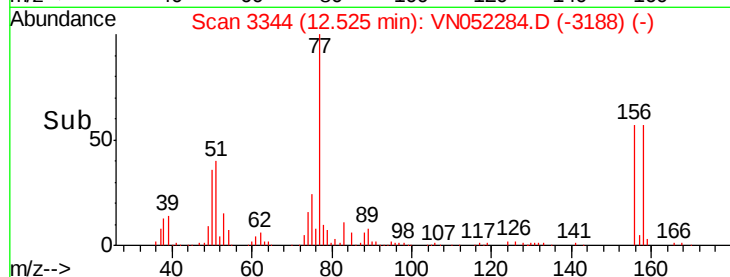
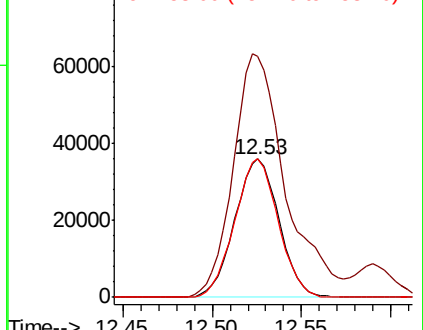
158 98.4 0.0 196.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.464 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052284.D

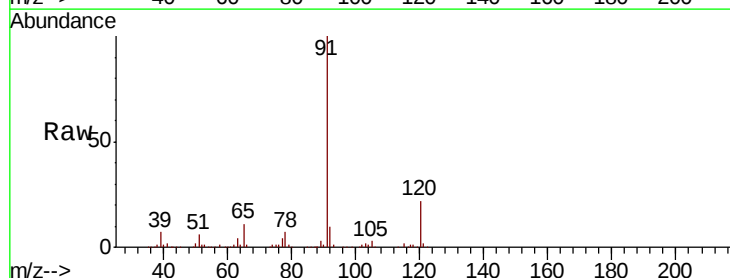
Acq: 13 Nov 2018 14:10

Tgt Ion: 91 Resp: 323007

Ion Ratio Lower Upper

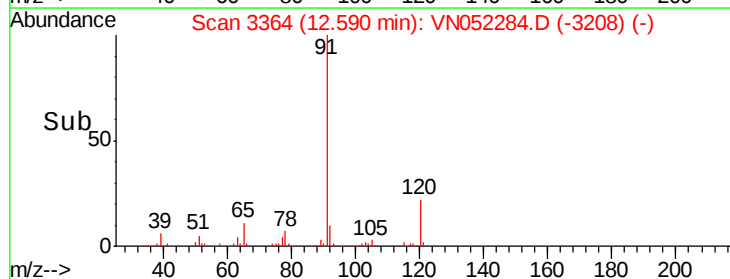
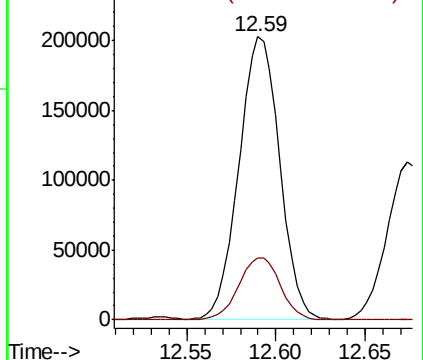
91 100

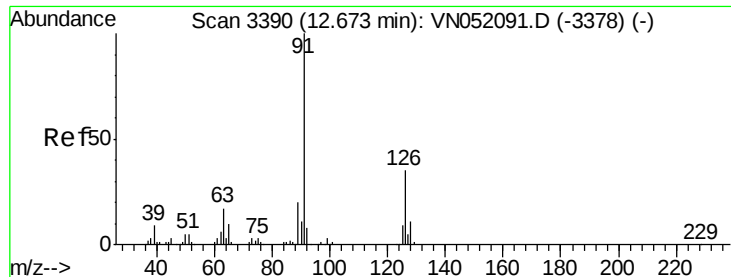
120 22.2 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.522 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

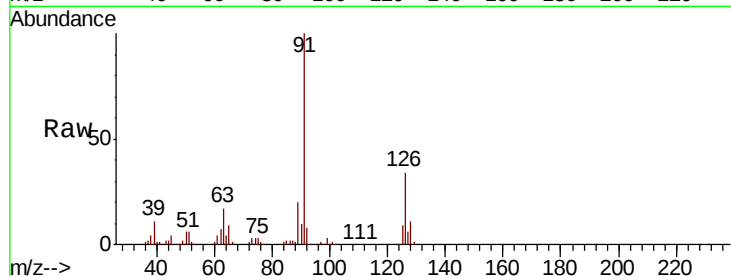
ClientSampleId :

Tot Ion: 91 Resp: 186778

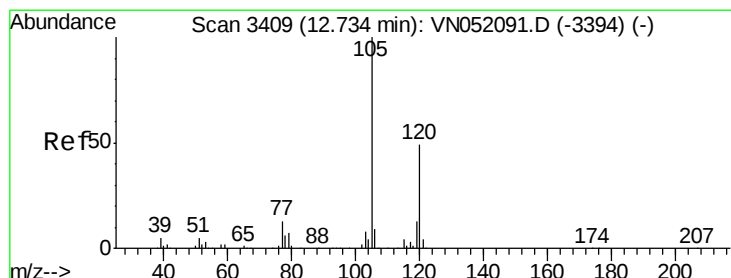
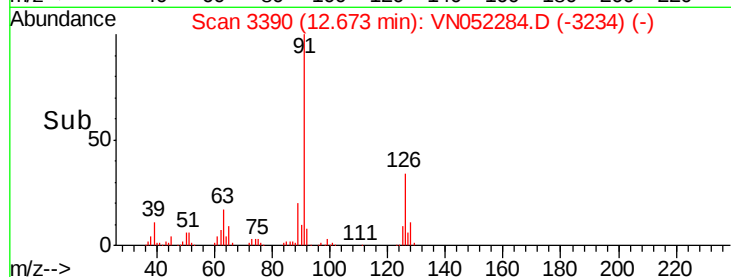
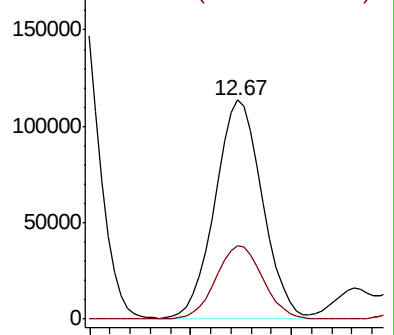
Ion Ratio Lower Upper

91 100

126 33.3 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN052091.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.384 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052284.D

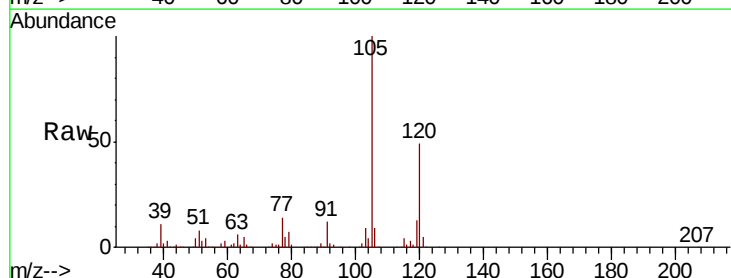
Acq: 13 Nov 2018 14:10

Tgt Ion: 105 Resp: 221503

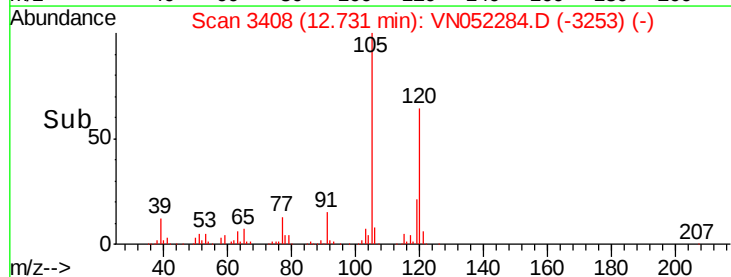
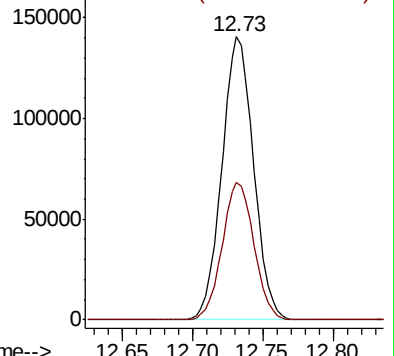
Ion Ratio Lower Upper

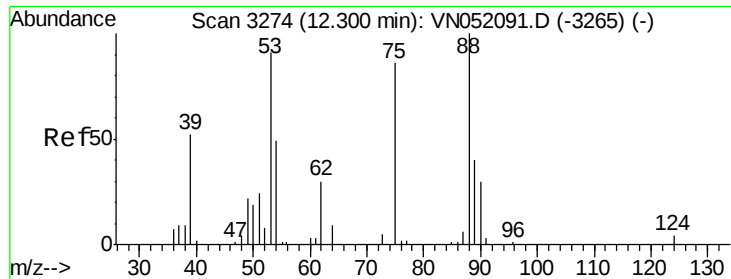
105 100

120 48.5 0.0 95.8



Abundance Ion 105.00 (104.70 to 105.70): VN052091.D (-3394) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.238 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampled :

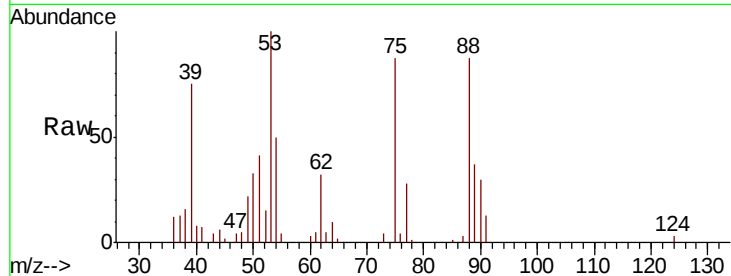
Tot Ion: 75 Resp: 15727

Ion Ratio Lower Upper

75 100

53 112.3 50.7 152.1

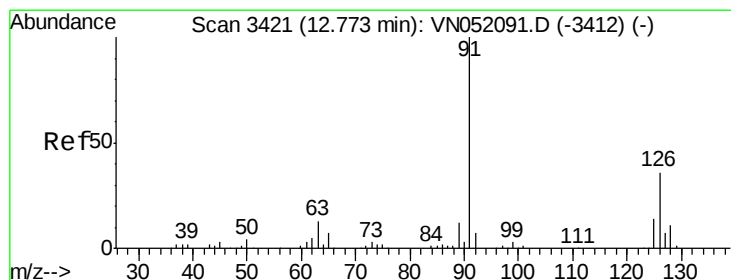
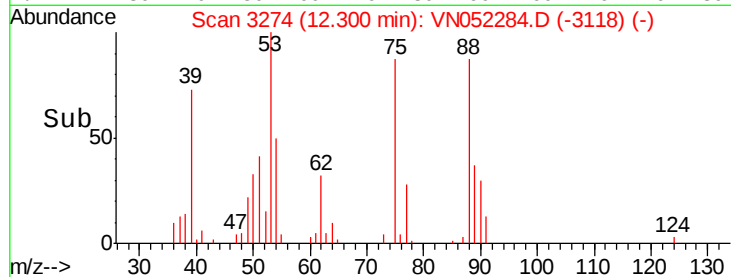
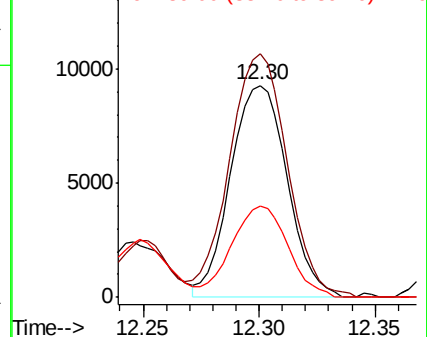
89 43.0 23.8 71.5



Abundance Ion 75.00 (74.70 to 75.70): VN052091.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052091.D (-3265) (-)

Ion 89.00 (88.70 to 89.70): VN052091.D (-3265) (-)



#78

4-Chlorotoluene

Concen: 19.482 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052284.D

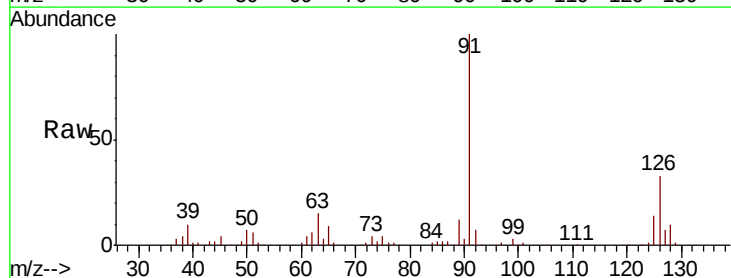
Acq: 13 Nov 2018 14:10

Tgt Ion: 91 Resp: 187696

Ion Ratio Lower Upper

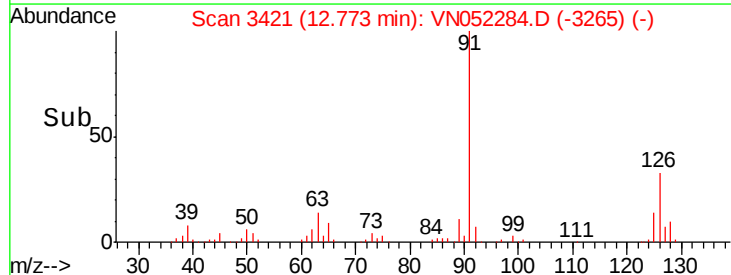
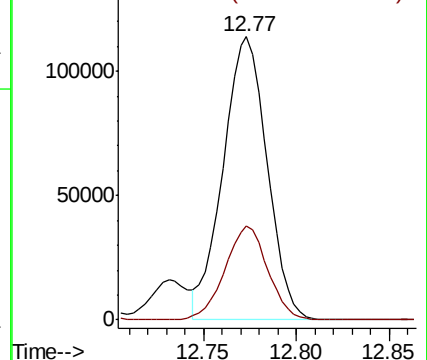
91 100

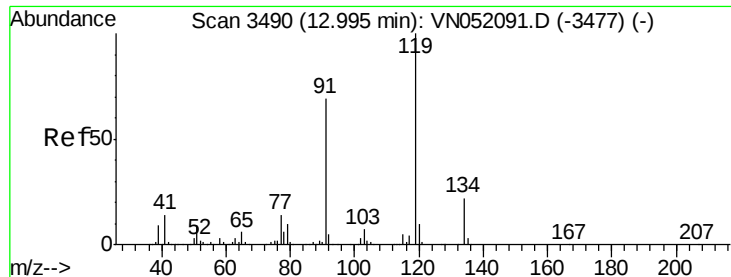
126 32.1 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN052091.D (-3412) (-)

Ion 126.00 (125.70 to 126.70): VN052091.D (-3412) (-)

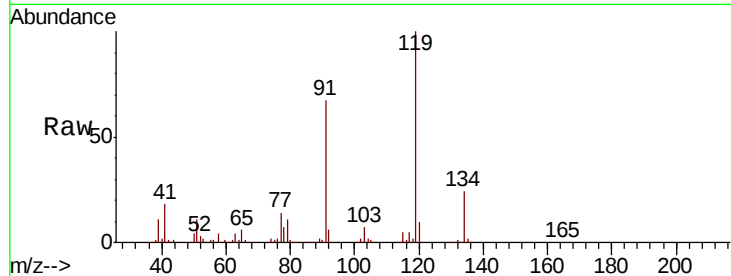




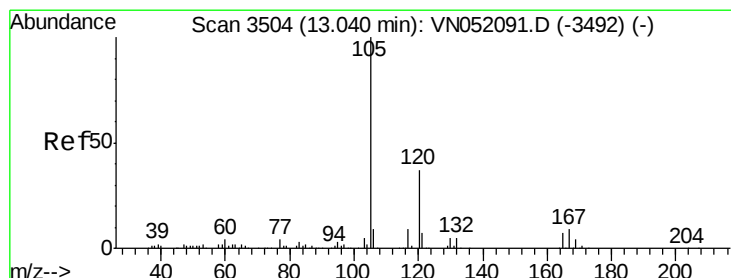
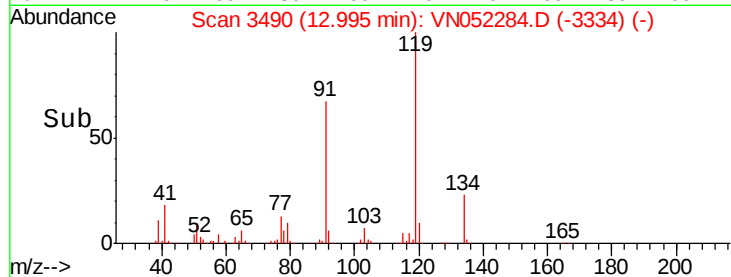
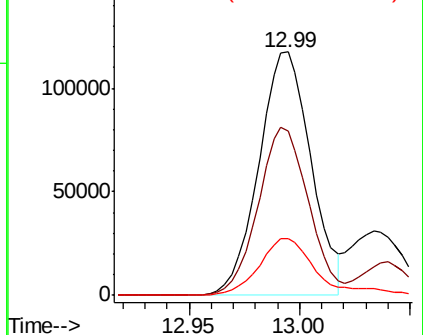
#79
tert-butylbenzene
Concen: 19.354 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 192653
Ion Ratio Lower Upper
119 100
91 67.0 0.0 131.2
134 25.7 0.0 45.8

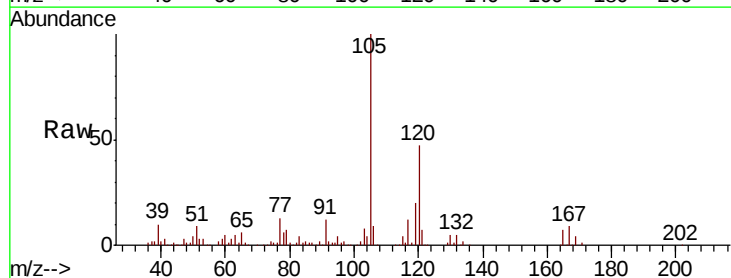


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

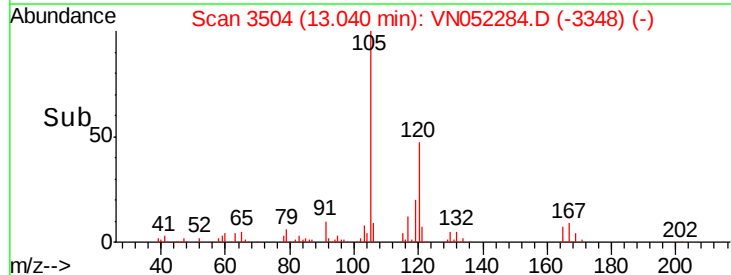
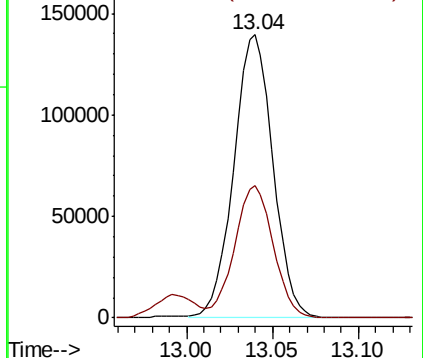


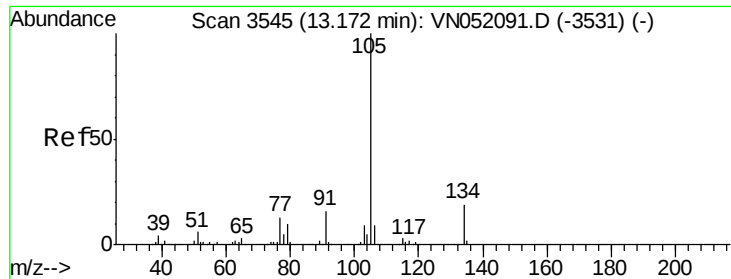
#80
1,2,4-Trimethylbenzene
Concen: 19.432 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052284.D
Acq: 13 Nov 2018 14:10

Tgt Ion:105 Resp: 221213
Ion Ratio Lower Upper
105 100
120 45.9 0.0 89.4



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

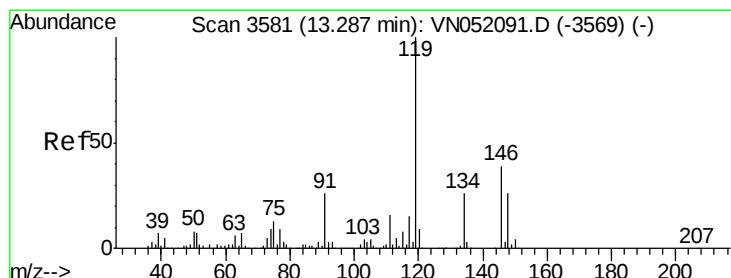
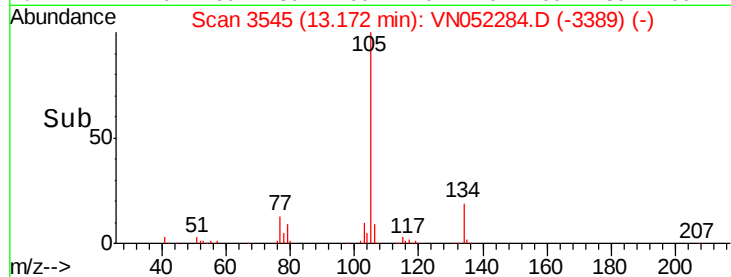
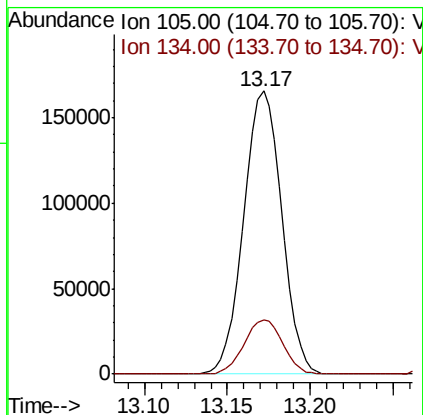
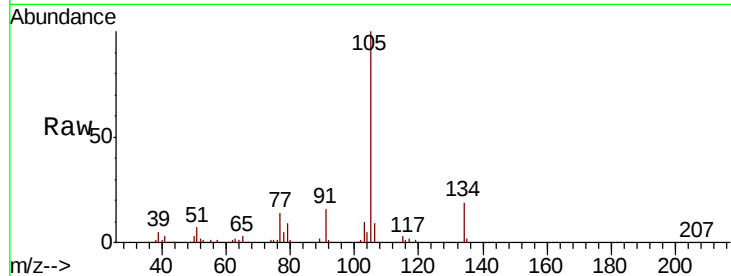




#81
 sec-Butylbenzene
 Concen: 19.406 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

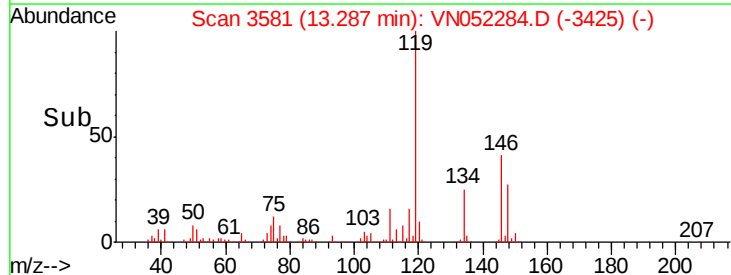
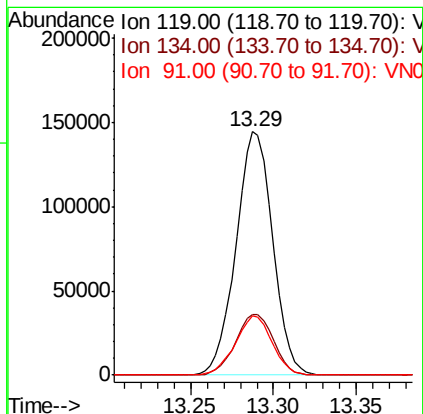
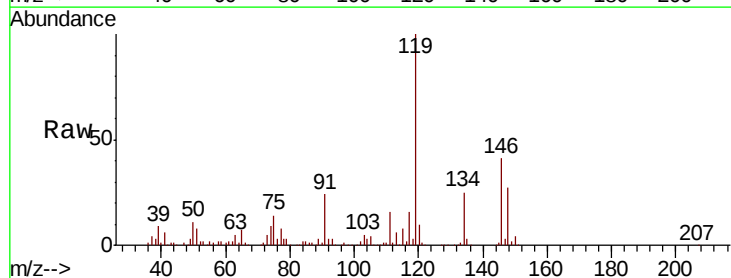
Instrument :
 MSVOA_N
 ClientSampleId :

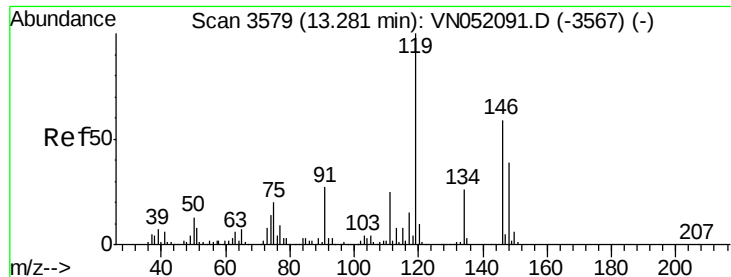
Tot Ion:105 Resp: 265837
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.244 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion:119 Resp: 222783
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.0
 91 24.2 0.0 50.8

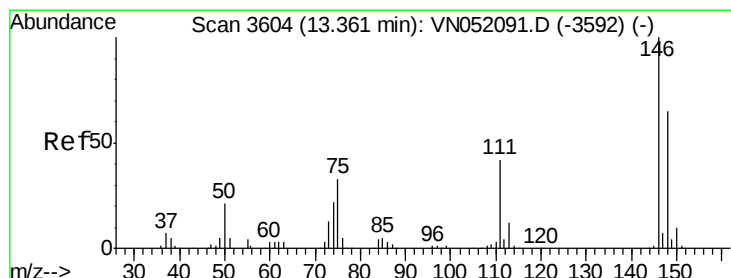
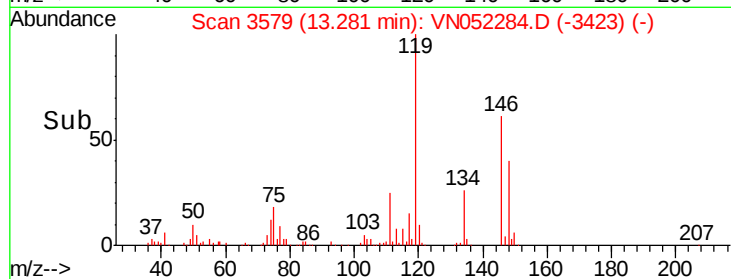
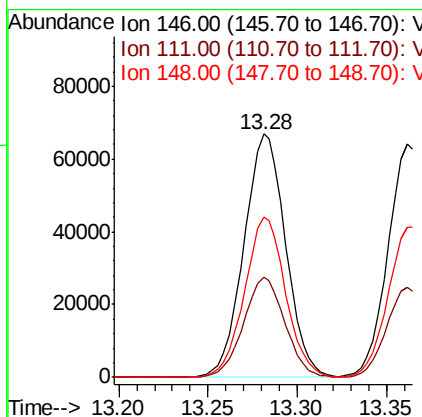
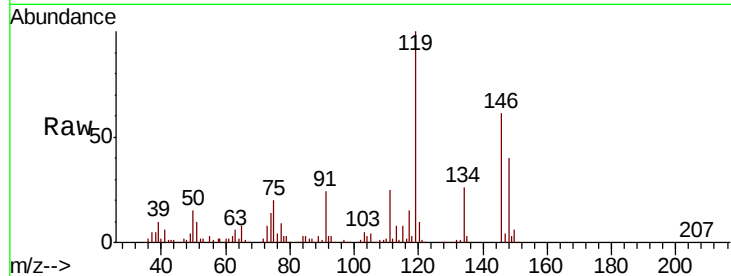




#83
 1,3-Dichlorobenzene
 Concen: 19.592 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

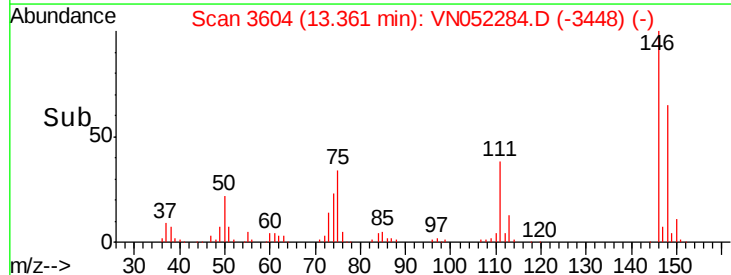
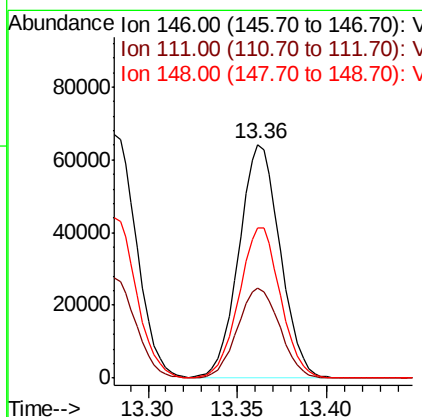
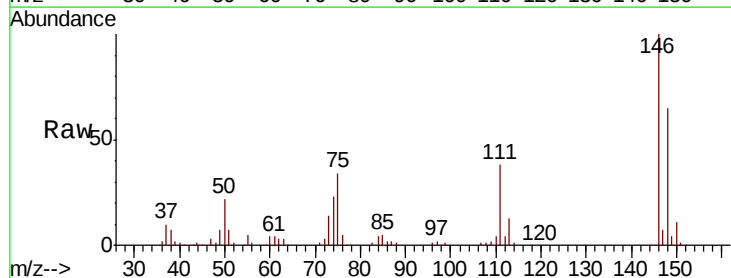
Instrument :
 MSVOA_N
 ClientSampled :

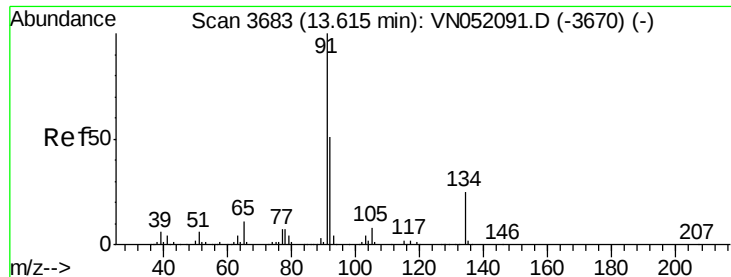
Tot Ion:146 Resp: 109431
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.0 63.0
 148 64.6 33.4 100.2



#84
 1,4-Dichlorobenzene
 Concen: 18.773 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion:146 Resp: 103799
 Ion Ratio Lower Upper
 146 100
 111 39.5 21.4 64.2
 148 64.6 32.6 98.0





#85

n-Butylbenzene

Concen: 18.870 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052284.D

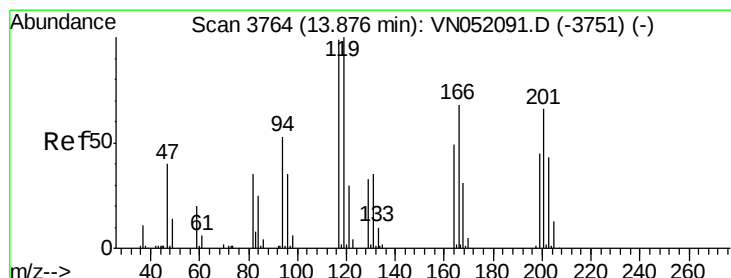
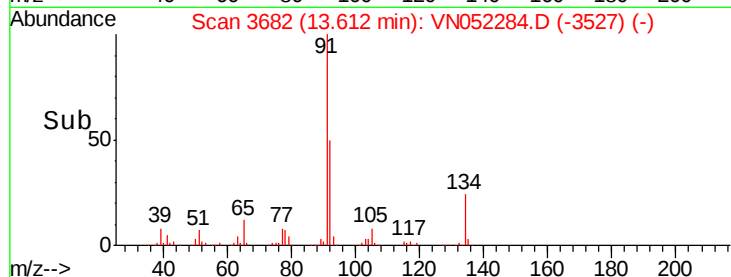
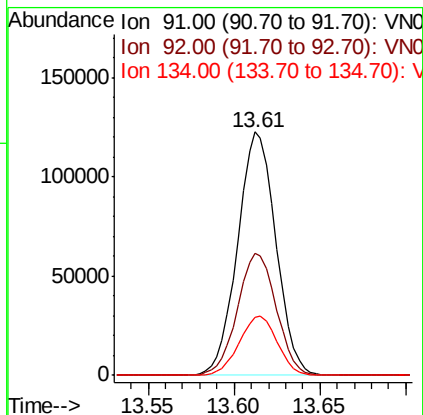
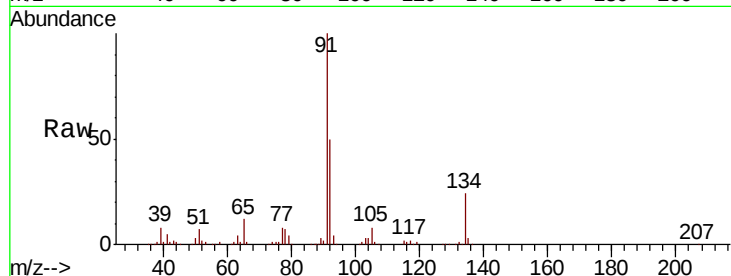
Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	91	Resp:	189067
Ion	Ratio	Lower	Upper
91	100		
92	50.8	0.0	102.8
134	24.1	0.0	49.2



#86

Hexachloroethane

Concen: 19.292 ug/l

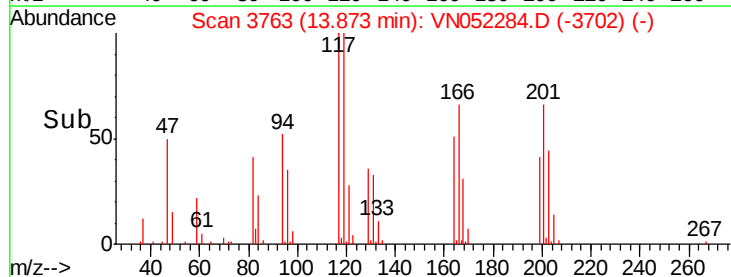
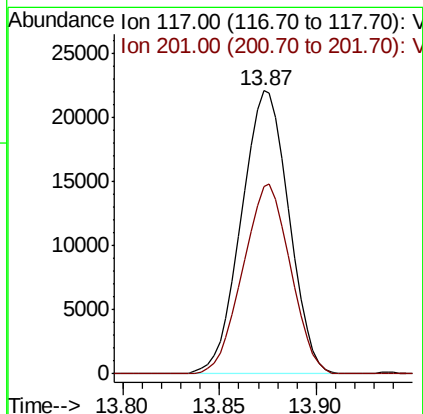
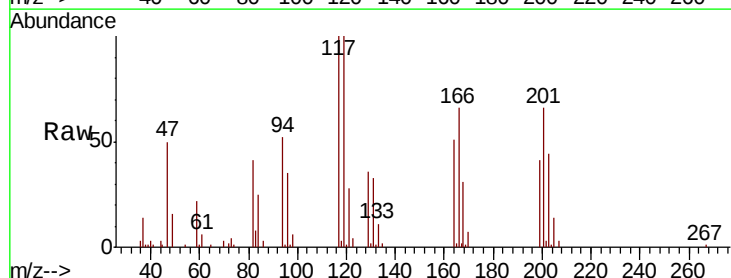
RT: 13.87 min Scan# 3763

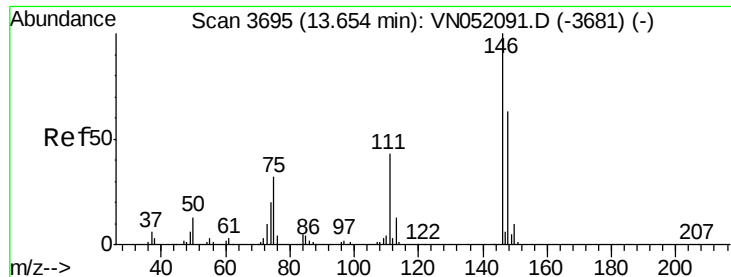
Delta R.T. -0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Tgt Ion:	117	Resp:	37688
Ion	Ratio	Lower	Upper
117	100		
201	67.1	32.2	96.6

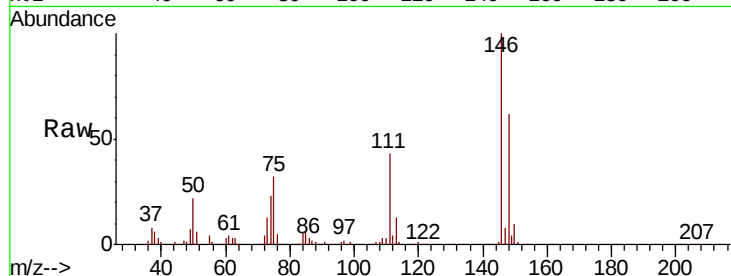




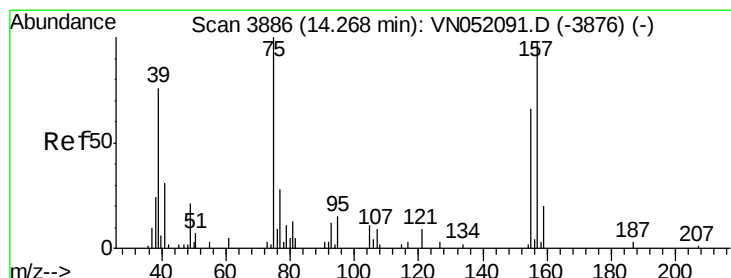
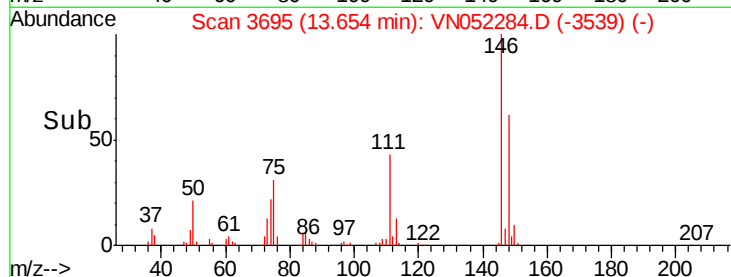
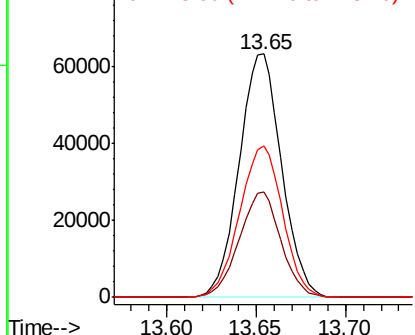
#87
 1,2-Dichlorobenzene
 Concen: 19.807 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 105111
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.4 67.0
 148 63.2 32.5 97.4

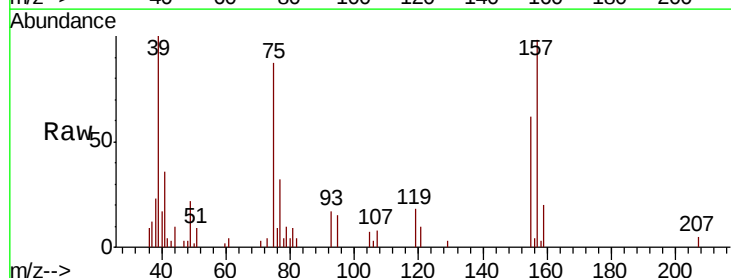


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

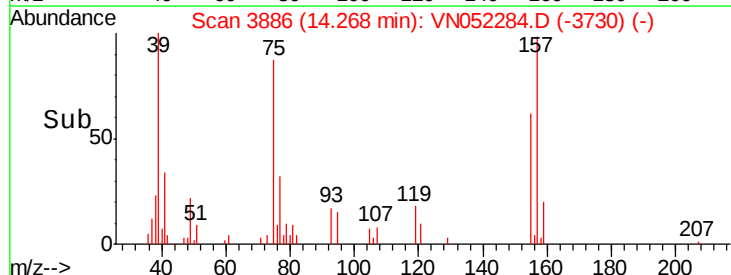
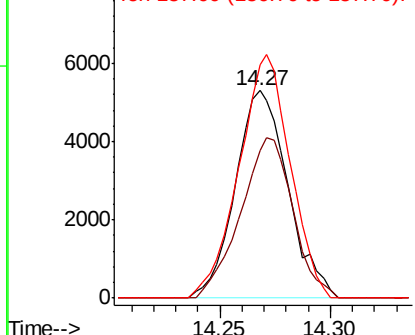


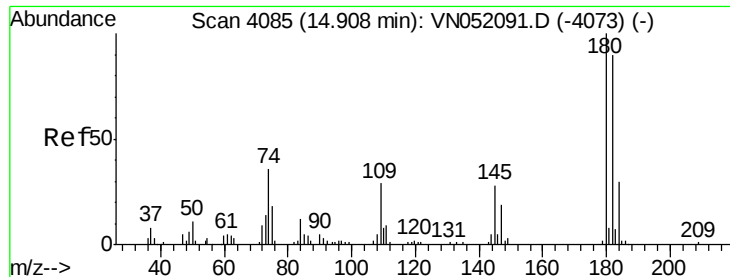
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.452 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion: 75 Resp: 8766
 Ion Ratio Lower Upper
 75 100
 155 76.7 56.7 85.1
 157 114.0 80.4 120.6



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

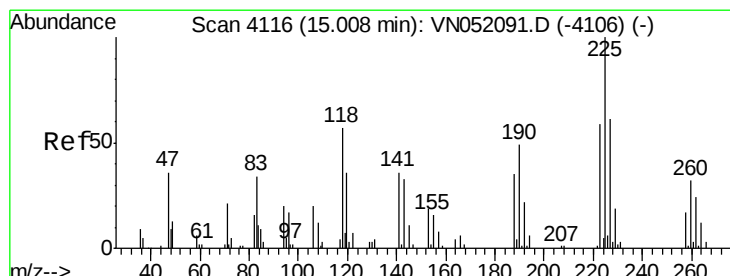
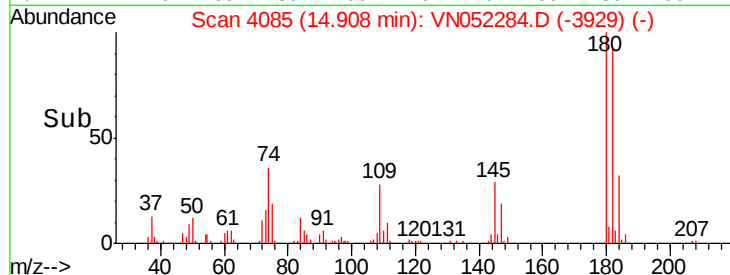
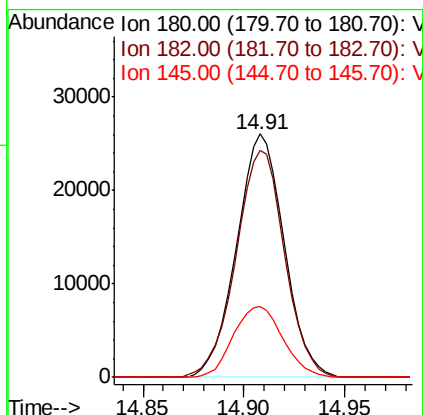
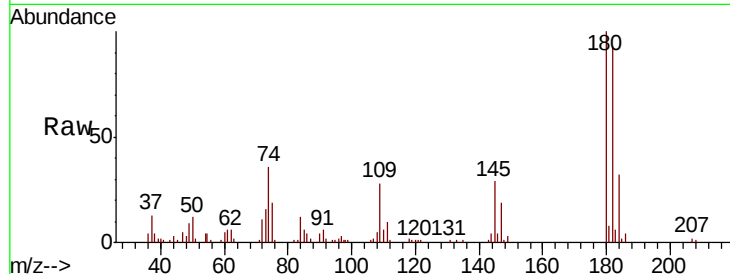




#89
 1,2,4-Trichlorobenzene
 Concen: 19.965 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

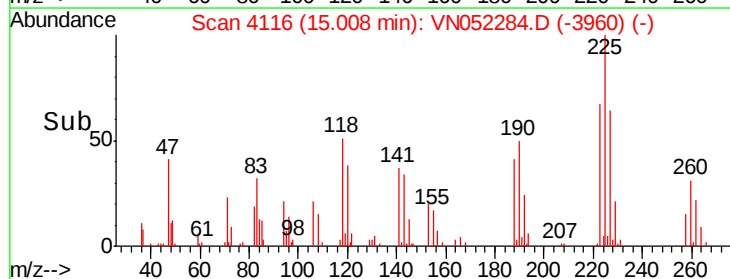
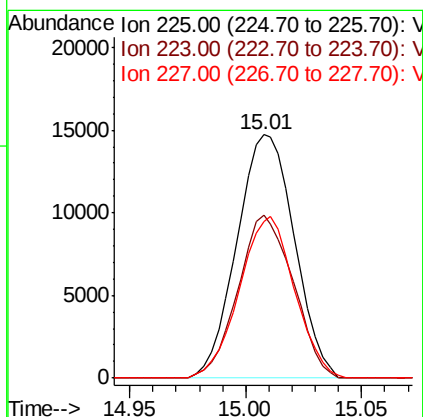
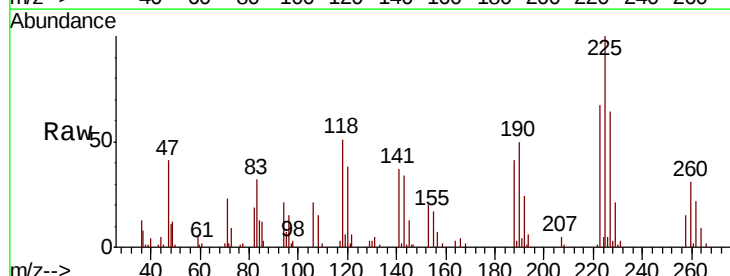
Instrument :
 MSVOA_N
 ClientSampled :

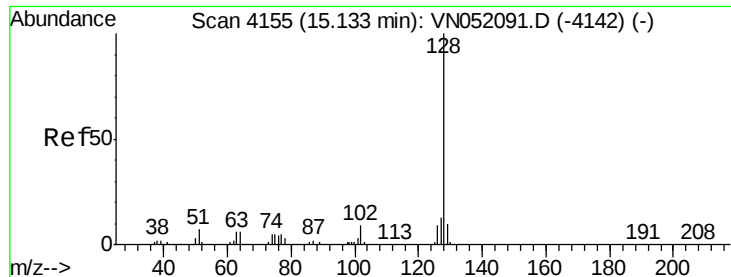
Tot Ion:180 Resp: 43008
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.0 111.0
 145 30.4 24.6 36.8



#90
 Hexachlorobutadiene
 Concen: 21.511 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052284.D
 Acq: 13 Nov 2018 14:10

Tgt Ion:225 Resp: 25351
 Ion Ratio Lower Upper
 225 100
 223 64.3 0.0 121.2
 227 63.7 0.0 127.2





#91

Naphthalene

Concen: 19.584 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

Instrument :

MSVOA_N

ClientSampleId :

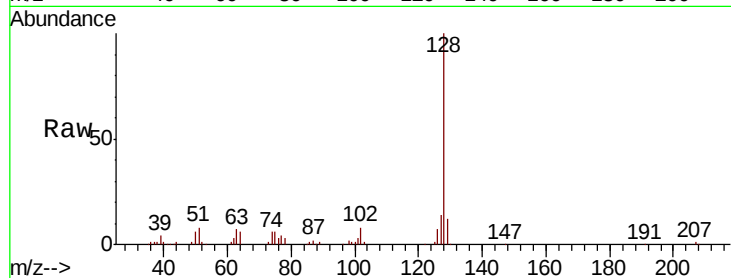
Tot Ion:128 Resp: 97238

Ion Ratio Lower Upper

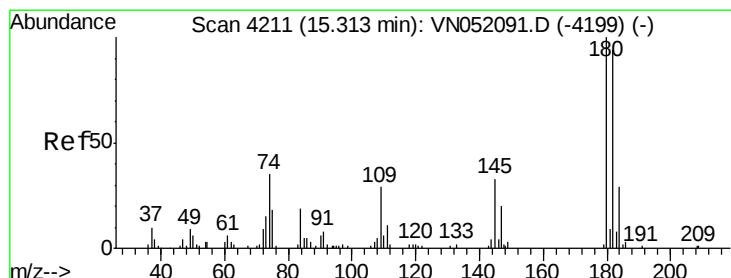
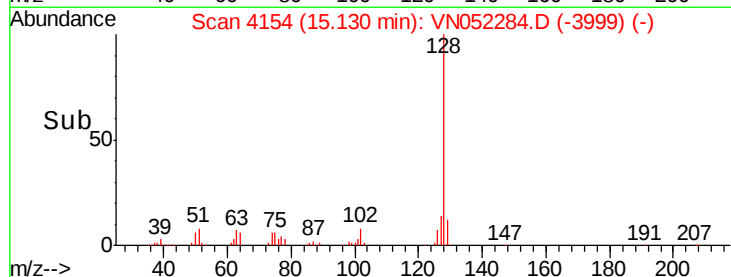
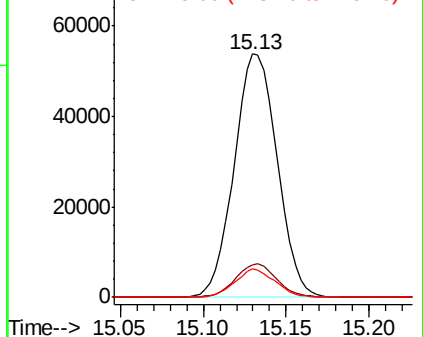
128 100

127 13.2 10.4 15.6

129 10.8 8.3 12.5



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



#92

1,2,3-Trichlorobenzene

Concen: 21.519 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052284.D

Acq: 13 Nov 2018 14:10

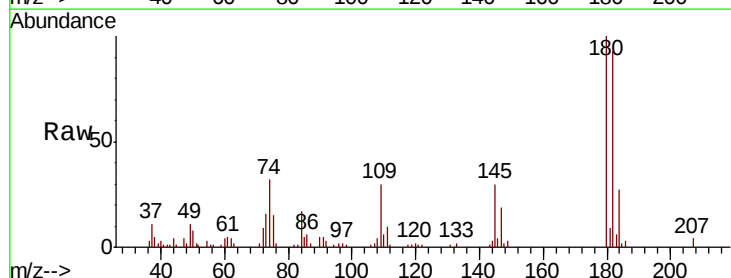
Tgt Ion:180 Resp: 40400

Ion Ratio Lower Upper

180 100

182 94.0 0.0 186.6

145 32.5 0.0 66.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

