

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055111.D
 Acq On : 17 Apr 2019 17:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 18 03:06:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	380945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	615294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241858	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	252973	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	7.59	113	207540	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	755437	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.40	95	262628	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	200696	46.358	ug/l	99
3) Chloromethane	2.06	50	260035	46.051	ug/l	100
4) Vinyl Chloride	2.19	62	219095	46.163	ug/l	97
5) Bromomethane	2.55	94	116022	43.211	ug/l	98
6) Chloroethane	2.70	64	118560	46.322	ug/l	98
7) Trichlorofluoromethane	3.01	101	279344	47.062	ug/l	100
8) Diethyl Ether	3.41	74	89299	47.131	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	142607	45.909	ug/l	98
10) Methyl Iodide	3.94	142	214673	44.534	ug/l	99
11) Tert butyl alcohol	4.83	59	85264	307.192	ug/l	97
12) 1,1-Dichloroethene	3.72	96	135219	44.722	ug/l	99
13) Acrolein	3.60	56	90297	263.196	ug/l	98
14) Allyl chloride	4.31	41	371030	50.132	ug/l	98
15) Acrylonitrile	4.99	53	459676	276.807	ug/l	99
16) Acetone	3.82	43	332704	242.076	ug/l	100
17) Carbon Disulfide	4.03	76	419924	43.024	ug/l	99
18) Methyl Acetate	4.33	43	225827	57.072	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	571482	52.837	ug/l	98
20) Methylene Chloride	4.54	84	227640	47.117	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	189981	46.457	ug/l	92
22) Diisopropyl ether	5.96	45	778511	51.169	ug/l	98
23) Vinyl Acetate	5.90	43	2871175	285.504	ug/l	100
24) 1,1-Dichloroethane	5.84	63	397502	49.062	ug/l	99
25) 2-Butanone	6.85	43	589970	287.616	ug/l	98
26) 2,2-Dichloropropane	6.82	77	263724	51.572	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	228917	49.480	ug/l	99
28) Bromochloromethane	7.19	49	185318	47.450	ug/l	99
29) Tetrahydrofuran	7.22	42	380612	282.953	ug/l	99
30) Chloroform	7.37	83	387627	49.254	ug/l	100
31) Cyclohexane	7.65	56	358757	50.087	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	311418	49.946	ug/l	100
36) 1,1-Dichloropropene	7.79	75	281229	48.485	ug/l	100
37) Ethyl Acetate	6.94	43	254307	53.855	ug/l	100
38) Carbon Tetrachloride	7.77	117	258261	46.800	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	301515	47.971	ug/l	99
40) Benzene	8.04	78	858627	49.117	ug/l	99
41) Methacrylonitrile	7.17	41	141386	53.939	ug/l	97
42) 1,2-Dichloroethane	8.12	62	306904	50.565	ug/l	99
43) Isopropyl Acetate	8.17	43	412771	56.729	ug/l	99
44) Trichloroethene	8.83	130	218237	49.841	ug/l	99
45) 1,2-Dichloropropane	9.12	63	247990	50.867	ug/l	99
46) Dibromomethane	9.21	93	144484	52.067	ug/l	99
47) Bromodichloromethane	9.40	83	287822	50.308	ug/l	99
48) Methyl methacrylate	9.20	41	209501	58.091	ug/l	99
49) 1,4-Dioxane	9.21	88	46029	1362.277	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1236255	294.094	ug/l	99
52) Toluene	10.16	92	515439	51.481	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	283390	56.680	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	340810	54.921	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	200211	51.902	ug/l	99
56) Ethyl methacrylate	10.43	69	275112	59.426	ug/l	99
57) 1,3-Dichloropropane	10.71	76	346788	52.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	529862	260.128	ug/l	99
59) 2-Hexanone	10.75	43	777325	294.413	ug/l	100
60) Dibromochloromethane	10.90	129	207475	55.080	ug/l	99
61) 1,2-Dibromoethane	11.01	107	195138	54.961	ug/l	100
64) Tetrachloroethene	10.63	164	204709	45.999	ug/l	96
65) Chlorobenzene	11.43	112	541580	49.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	201735	49.790	ug/l	99
67) Ethyl Benzene	11.51	91	979959	49.812	ug/l	100
68) m/p-Xylenes	11.62	106	729008	102.333	ug/l	100
69) o-Xylene	11.95	106	359481	52.100	ug/l	98
70) Styrene	11.96	104	602100	53.909	ug/l	99
71) Bromoform	12.13	173	133318	57.406	ug/l #	98
73) Isopropylbenzene	12.25	105	940399	43.817	ug/l	99
74) N-amyl acetate	12.07	43	335801	55.582	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	268460	46.747	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	308224	70.869	ug/l #	100
77) Bromobenzene	12.53	156	237935	44.469	ug/l	99
78) n-propylbenzene	12.59	91	1054188	45.463	ug/l	100
79) 2-Chlorotoluene	12.67	91	644730	44.578	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	793403	45.810	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	59913	55.087	ug/l	96
82) 4-Chlorotoluene	12.77	91	630613	46.734	ug/l	99
83) tert-Butylbenzene	12.99	119	665858	45.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	781829	47.633	ug/l	100
85) sec-Butylbenzene	13.17	105	866181	46.474	ug/l	100
86) p-Isopropyltoluene	13.29	119	760701	47.573	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	397502	48.877	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	383399	49.437	ug/l	99
89) n-Butylbenzene	13.61	91	630550	53.120	ug/l	99
90) Hexachloroethane	13.87	117	122257	46.990	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	398878	48.747	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36773	52.000	ug/l	92

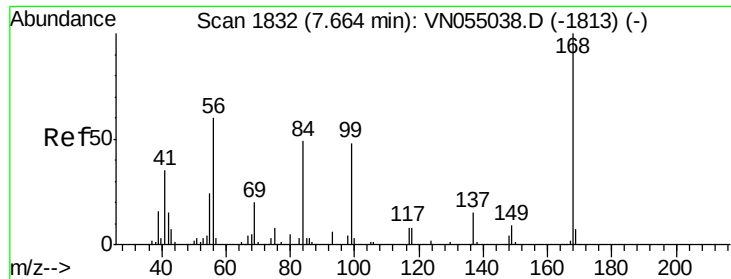
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	182638	49.280	ug/l	99
94) Hexachlorobutadiene	15.01	225	127525	50.458	ug/l	99
95) Naphthalene	15.13	128	414329	47.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	187961	59.544	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

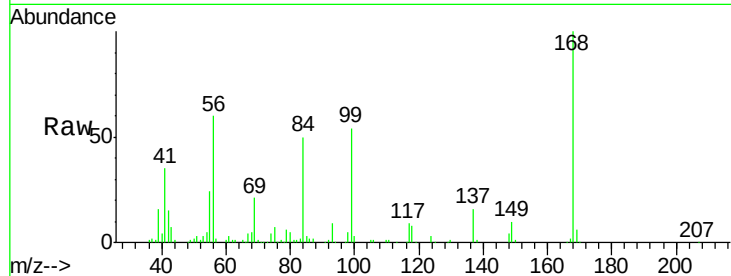
ClientSampleId :

Tot Ion:168 Resp: 380945

Ion Ratio Lower Upper

168 100

99 53.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

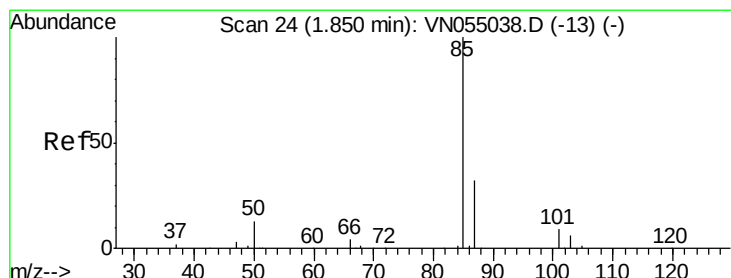
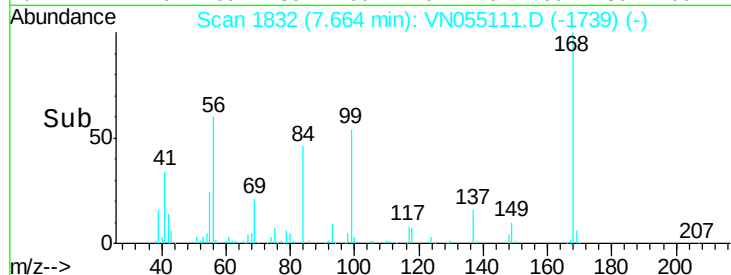
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.358 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055111.D

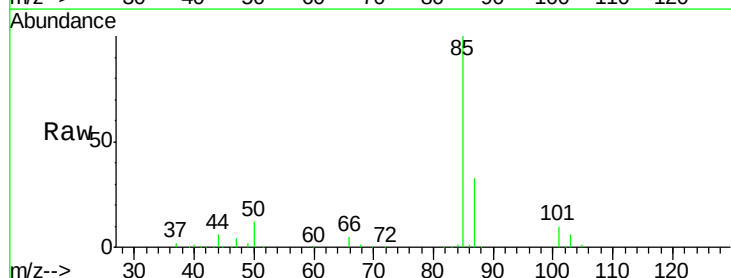
Acq: 17 Apr 2019 17:29

Tgt Ion: 85 Resp: 200696

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

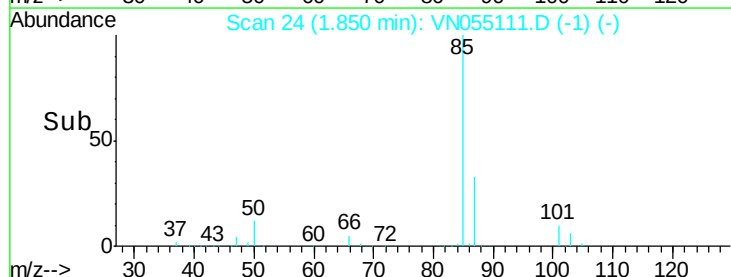
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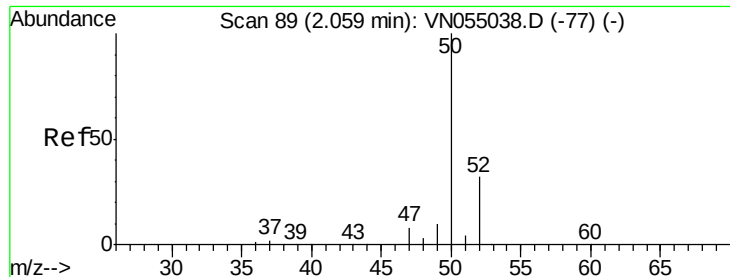
100000

50000

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Time-->





#3

Chloromethane

Concen: 46.051 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

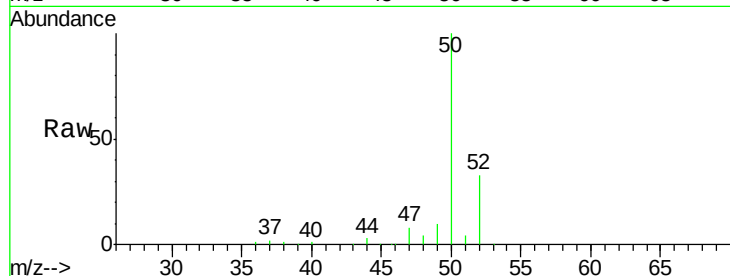
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 260035

Ion Ratio Lower Upper

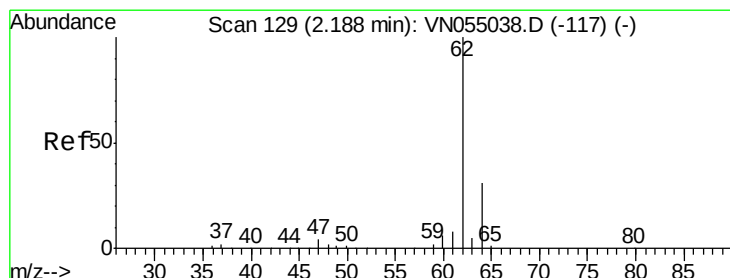
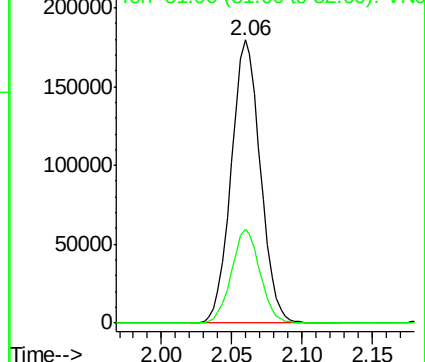
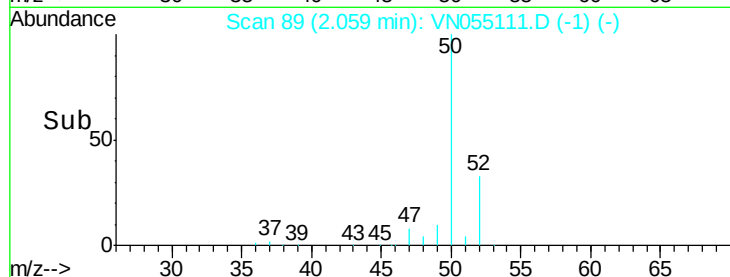
50 100

52 33.2 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN055111.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN055111.D (-1) (-)



#4

Vinyl Chloride

Concen: 46.163 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055111.D

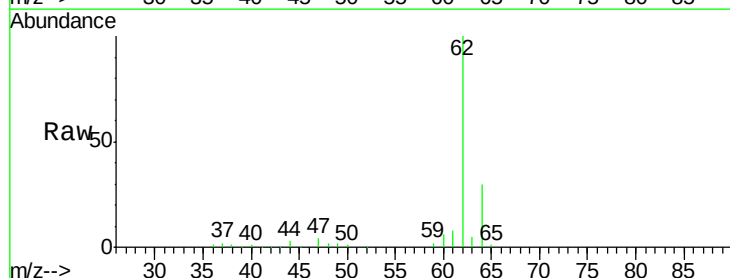
Acq: 17 Apr 2019 17:29

Tgt Ion: 62 Resp: 219095

Ion Ratio Lower Upper

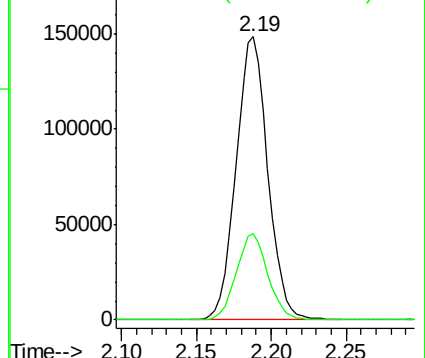
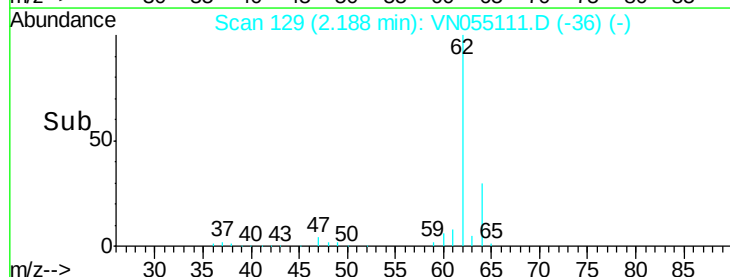
62 100

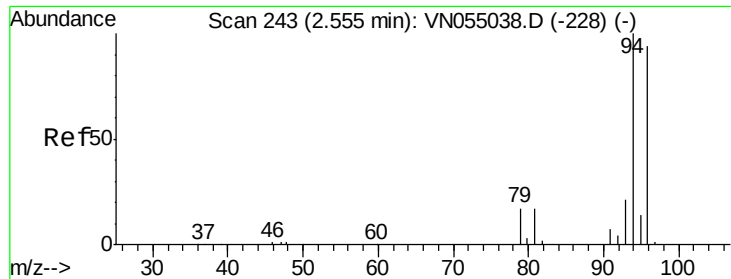
64 30.5 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VN055111.D (-36) (-)

Ion 63.90 (63.60 to 64.60): VN055111.D (-36) (-)





#5

Bromomethane

Concen: 43.211 ug/l

RT: 2.55 min Scan# 241

Delta R.T. -0.01 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

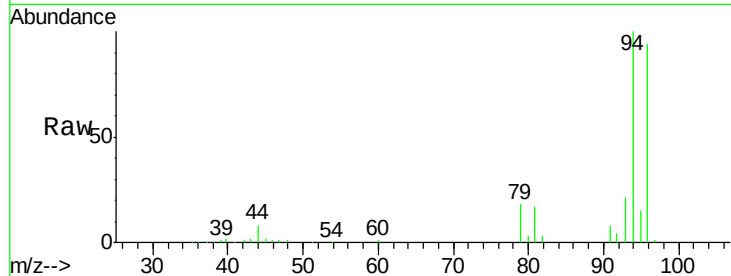
ClientSampled :

Tot Ion: 94 Resp: 116022

Ion Ratio Lower Upper

94 100

96 93.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

60000

50000

40000

30000

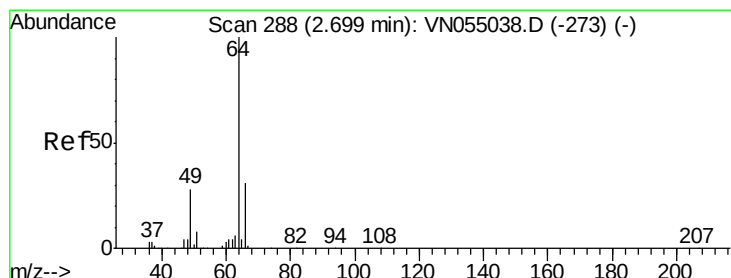
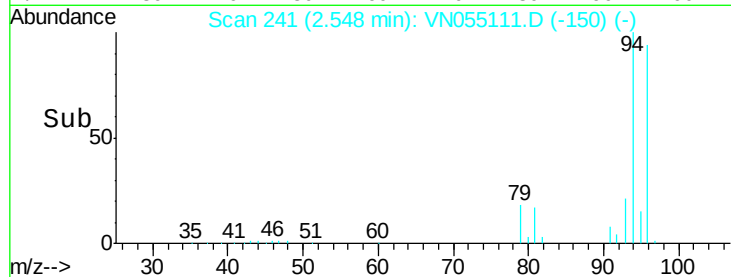
20000

10000

0

Time-->

2.50 2.60 2.70



#6

Chloroethane

Concen: 46.322 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN055111.D

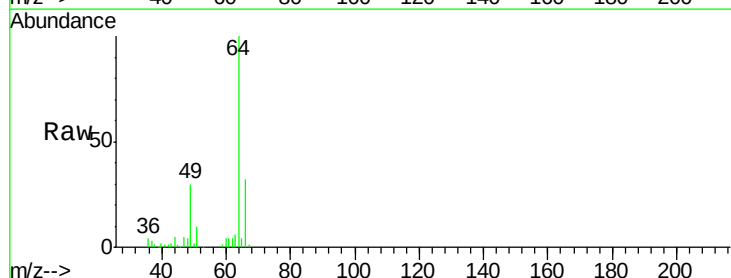
Acq: 17 Apr 2019 17:29

Tgt Ion: 64 Resp: 118560

Ion Ratio Lower Upper

64 100

66 32.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

60000

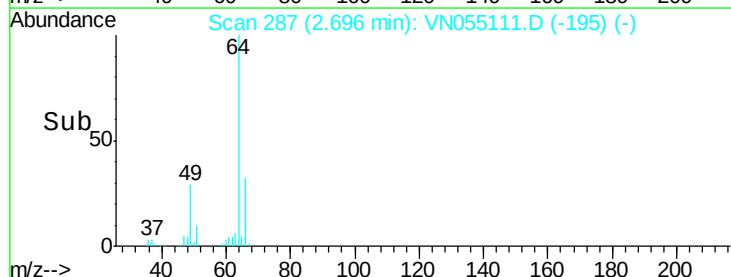
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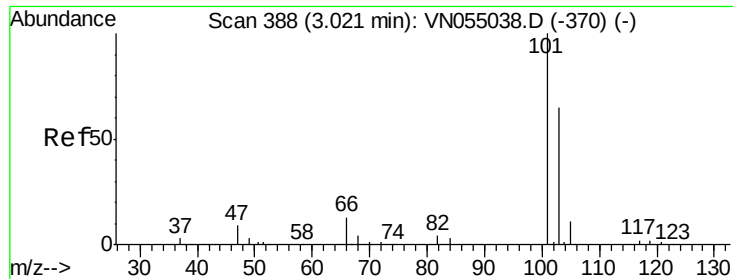
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Time-->

2.60 2.70 2.80



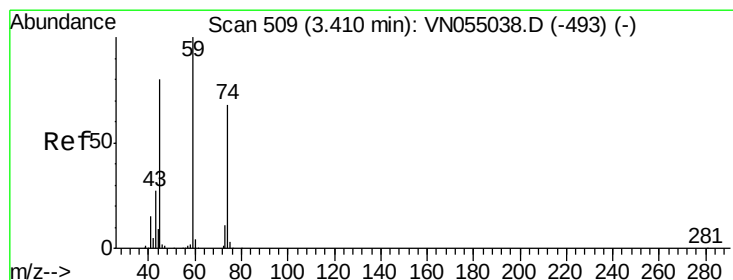
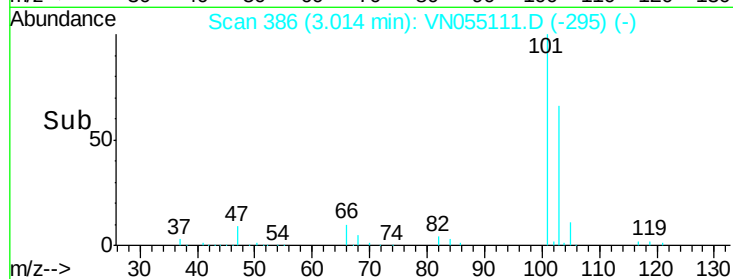
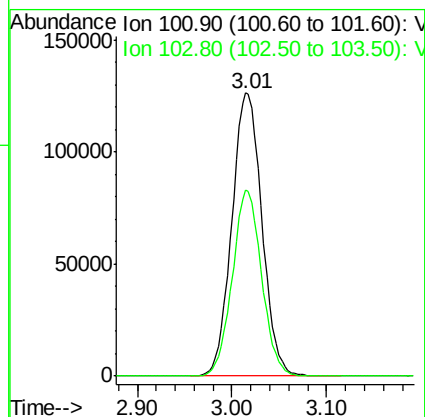
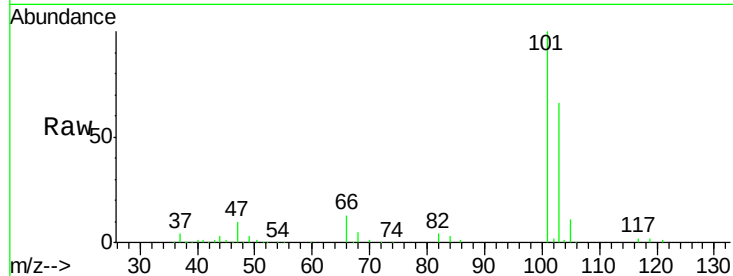


#7

Trichlorofluoromethane
Concen: 47.062 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.01 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Instrument :
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ClientSampleId :

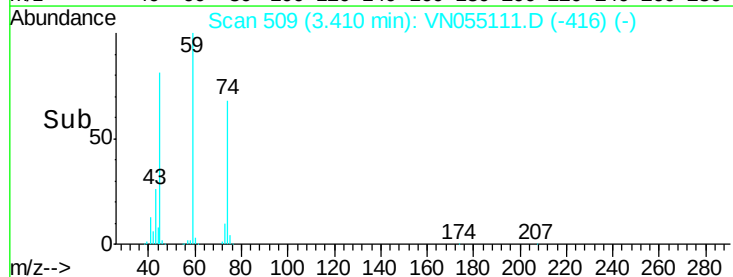
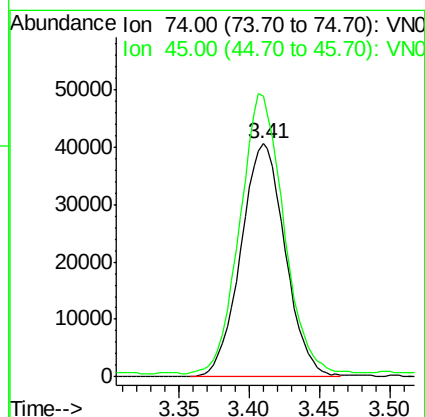
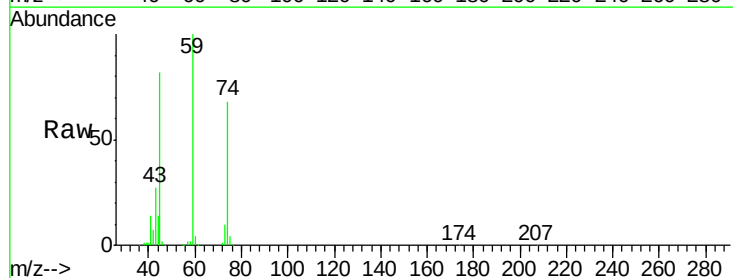
Tot Ion:101 Resp: 279344
Ion Ratio Lower Upper
101 100
103 66.0 52.5 78.7

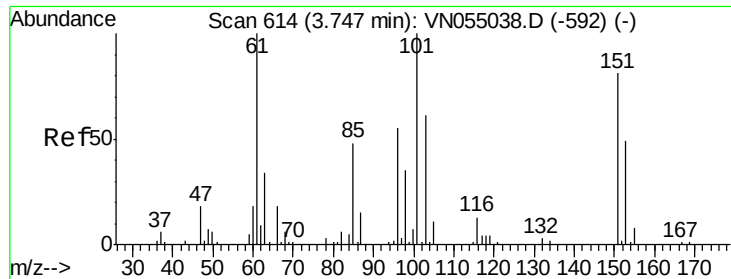


#8

Diethyl Ether
Concen: 47.131 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 74 Resp: 89299
Ion Ratio Lower Upper
74 100
45 118.3 55.7 167.1

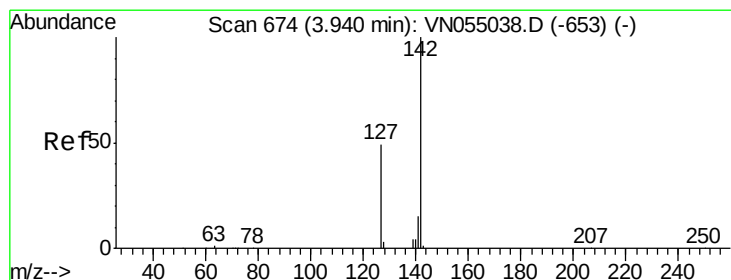
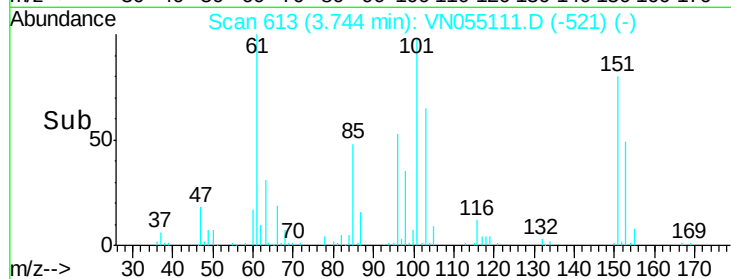
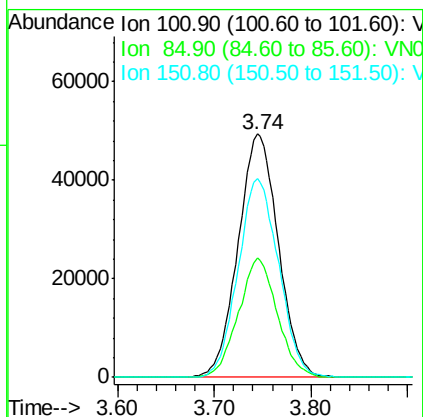
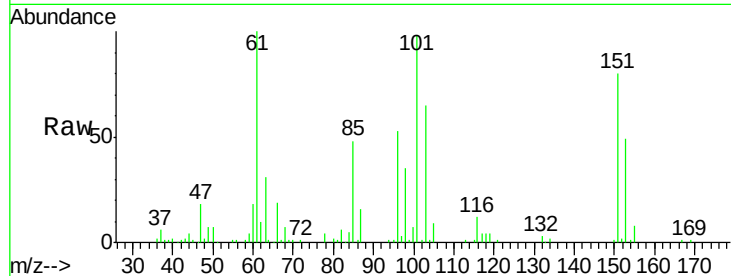




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.909 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

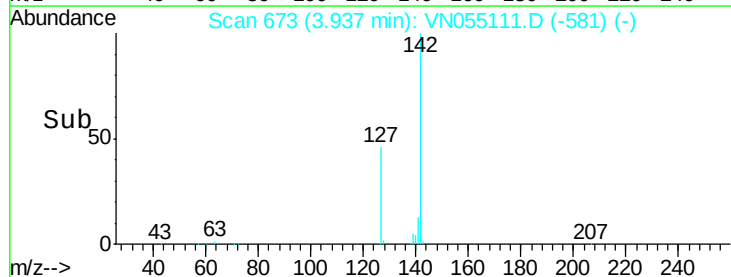
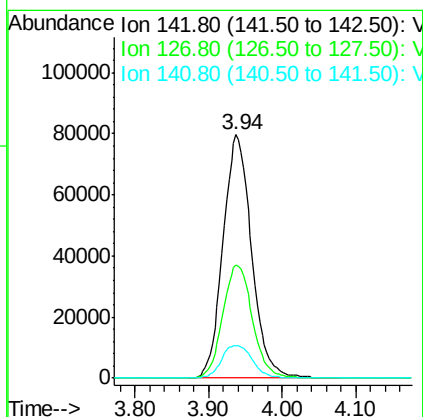
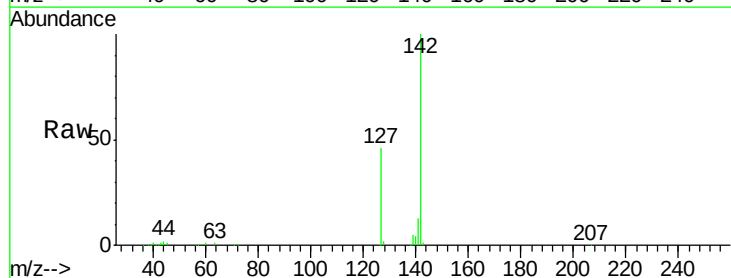
Instrument :
 MSVOA_N
 ClientSampleId :

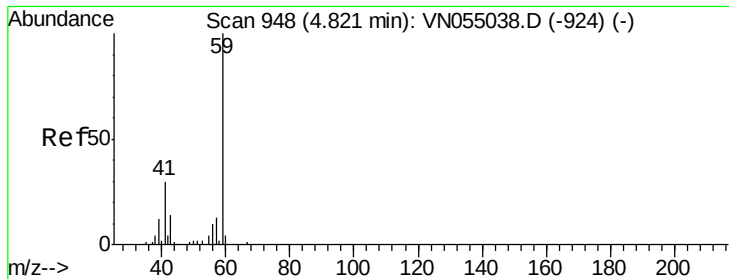
Tot Ion	Ratio	Lower	Upper
101	100		
85	47.3	36.9	55.3
151	82.3	64.4	96.6



#10
 Methyl Iodide
 Concen: 44.534 ug/l
 RT: 3.94 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.2	37.9	56.9
141	14.5	11.8	17.8



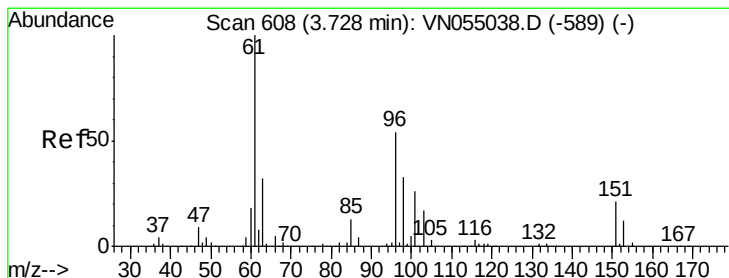
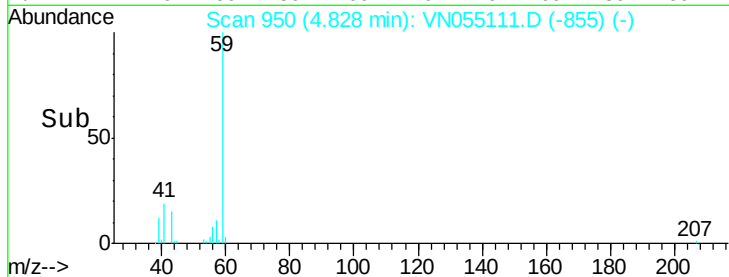
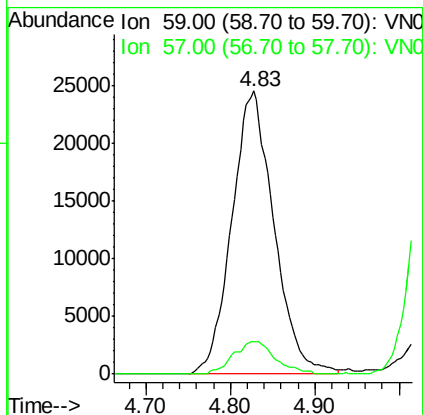
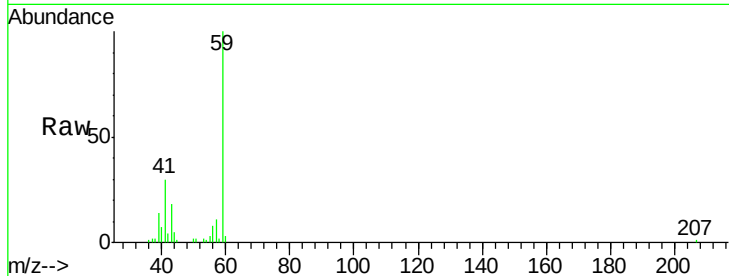


#11

Tert butyl alcohol
Concen: 307.192 ug/l
RT: 4.83 min Scan# 950
Delta R.T. 0.01 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Instrument :
MSVOA_N
ClientSampled :

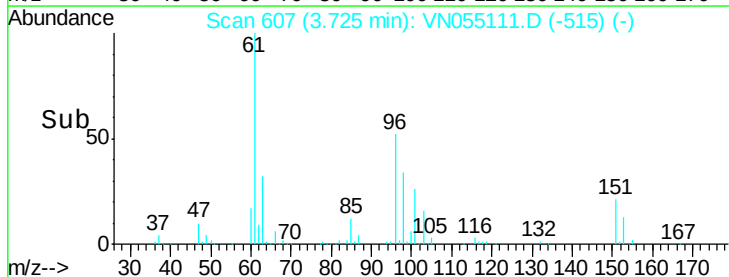
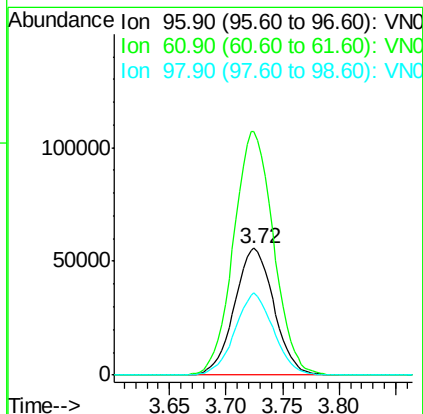
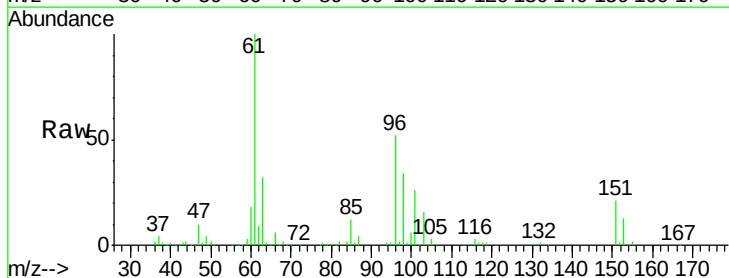
Tot Ion: 59 Resp: 85264
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5

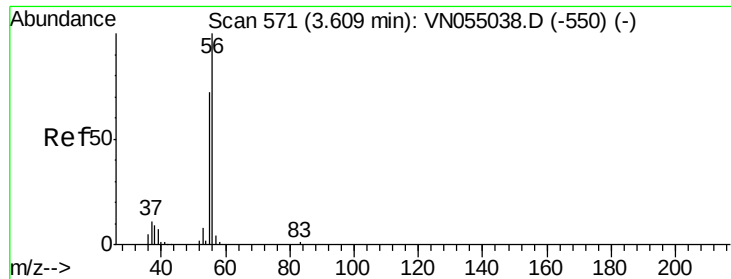


#12

1,1-Dichloroethene
Concen: 44.722 ug/l
RT: 3.72 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 96 Resp: 135219
Ion Ratio Lower Upper
96 100
61 191.6 154.2 231.4
98 64.6 52.9 79.3

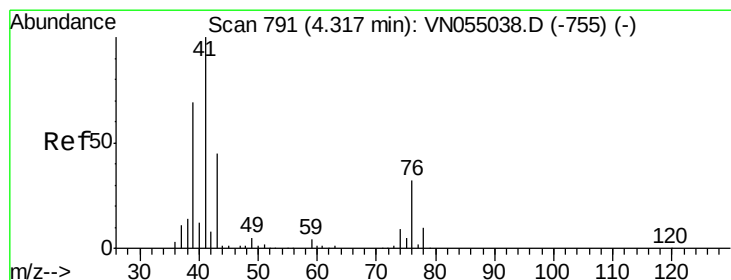
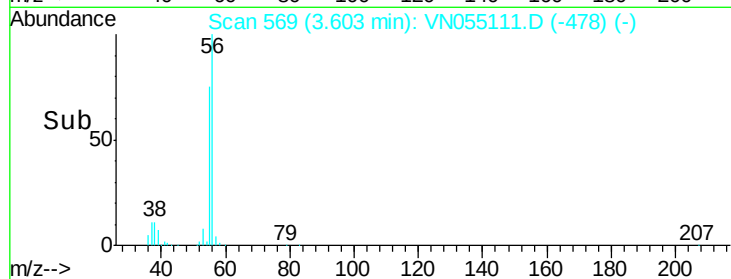
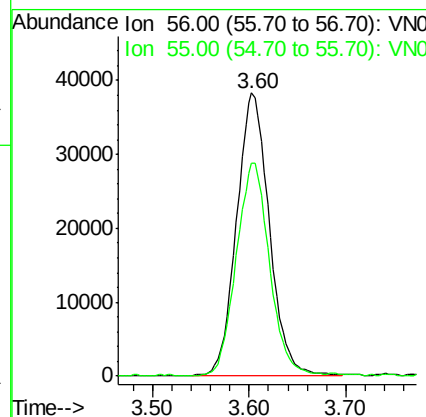
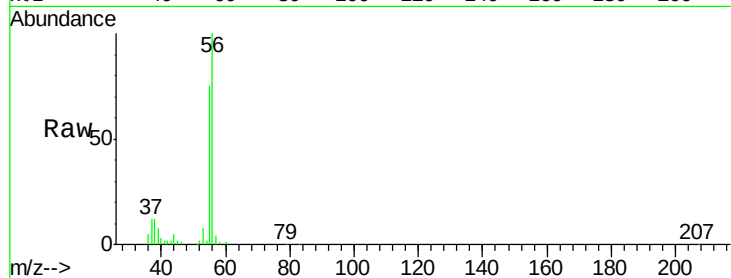




#13
 Acrolein
 Concen: 263.196 ug/l
 RT: 3.60 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

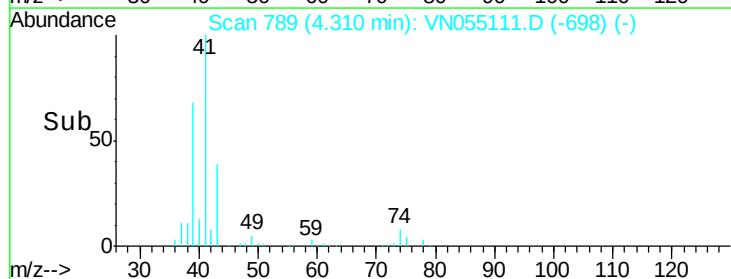
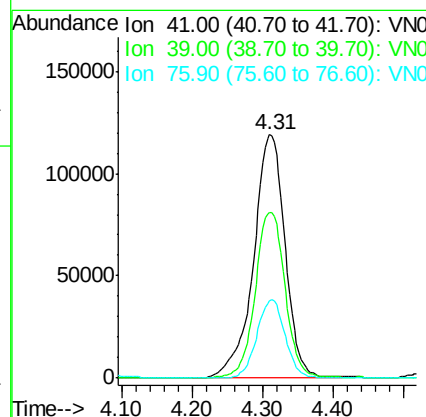
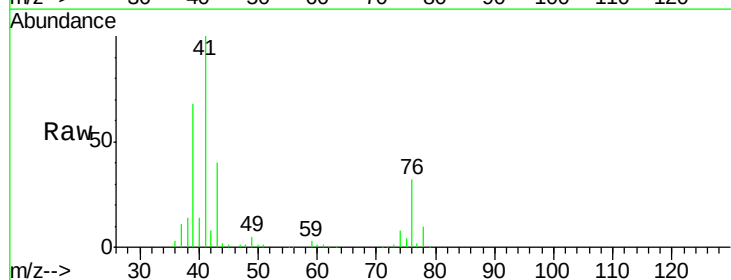
Instrument :
 MSVOA_N
 ClientSampleId :

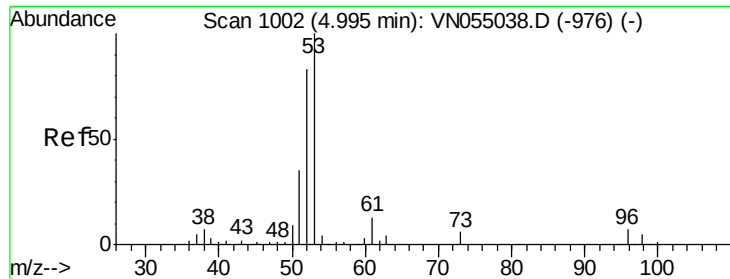
Tot Ion: 56 Resp: 90297
 Ion Ratio Lower Upper
 56 100
 55 76.5 59.5 89.3



#14
 Allyl chloride
 Concen: 50.132 ug/l
 RT: 4.31 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion: 41 Resp: 371030
 Ion Ratio Lower Upper
 41 100
 39 64.0 52.7 79.1
 76 28.8 23.2 34.8





#15

Acrylonitrile

Concen: 276.807 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

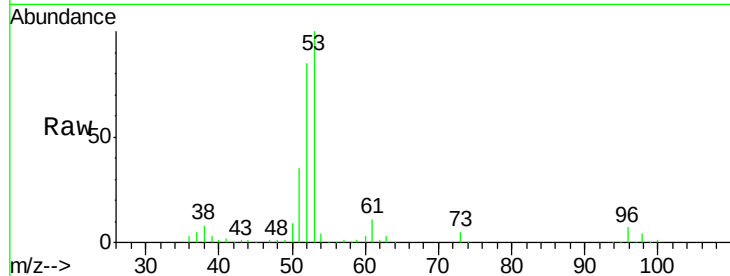
Tot Ion: 53 Resp: 459676

Ion Ratio Lower Upper

53 100

52 83.2 65.9 98.9

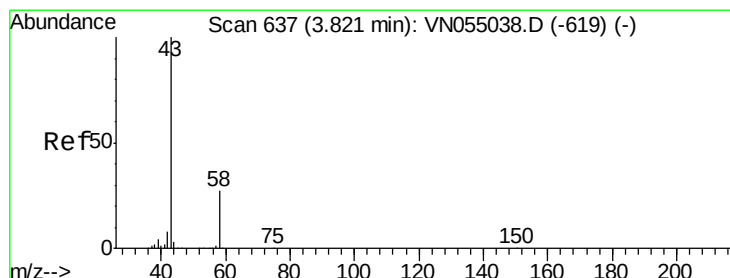
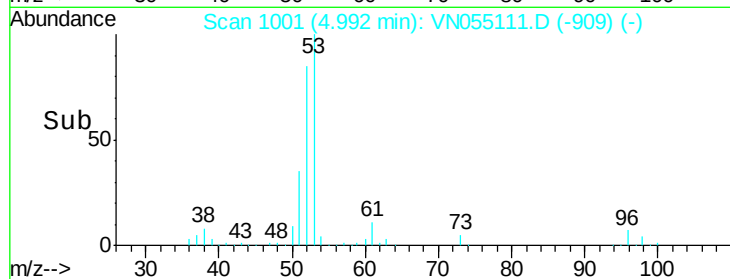
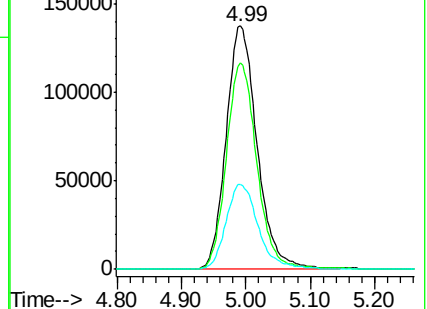
51 36.3 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN055038.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055038.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055038.D (-976) (-)



#16

Acetone

Concen: 242.076 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055111.D

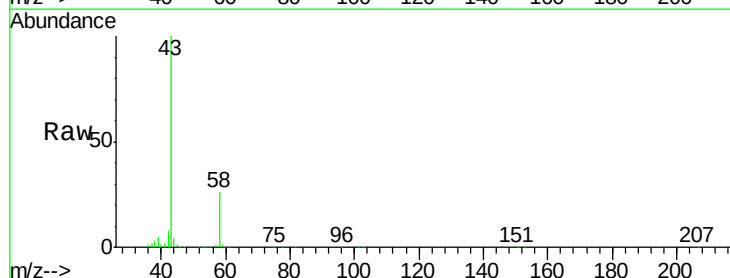
Acq: 17 Apr 2019 17:29

Tgt Ion: 43 Resp: 332704

Ion Ratio Lower Upper

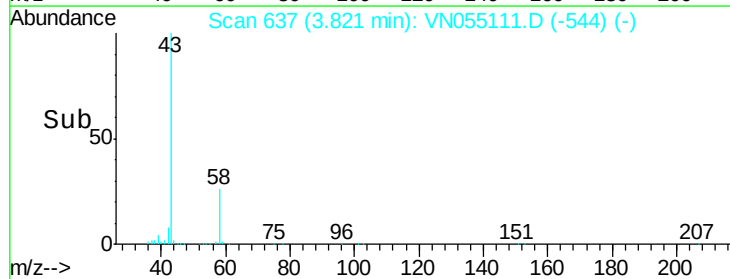
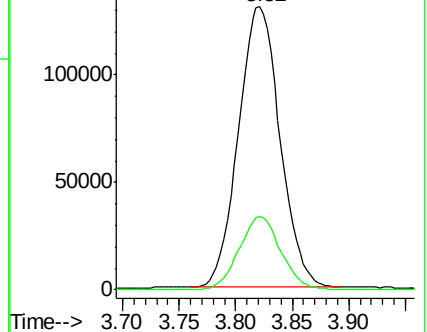
43 100

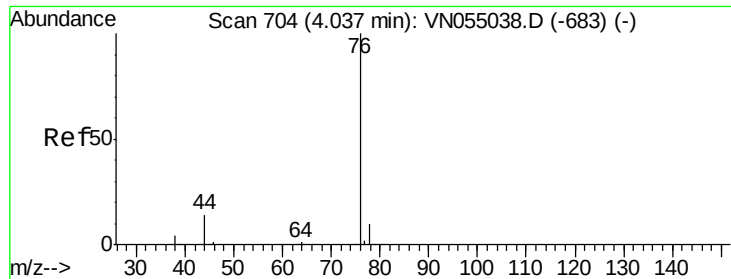
58 26.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-619) (-)





#17

Carbon Disulfide

Concen: 43.024 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

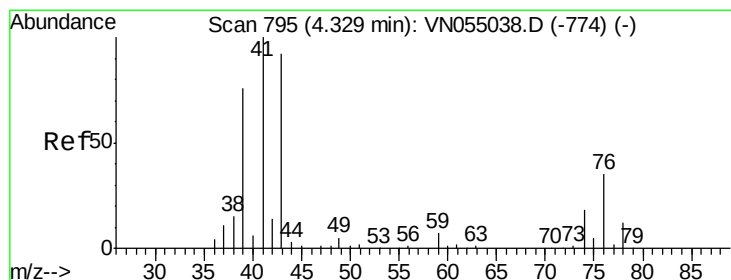
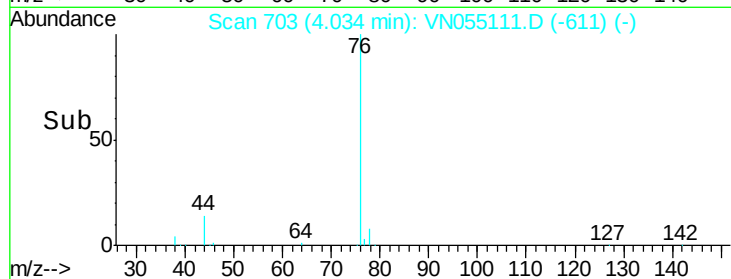
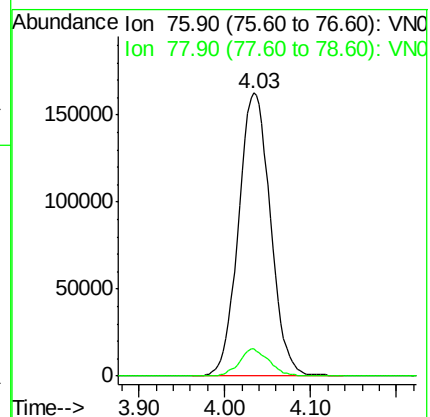
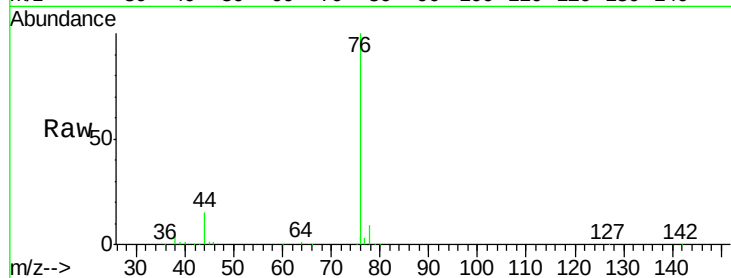
ClientSampleId :

Tot Ion: 76 Resp: 419924

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



#18

Methyl Acetate

Concen: 57.072 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN055111.D

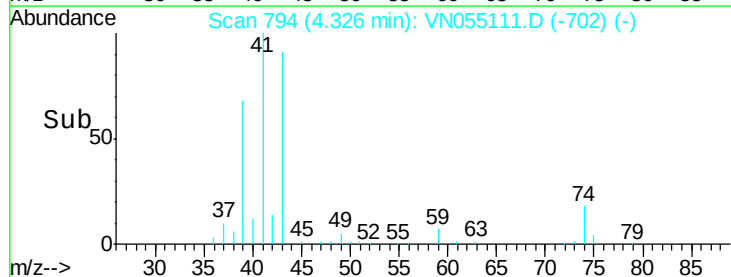
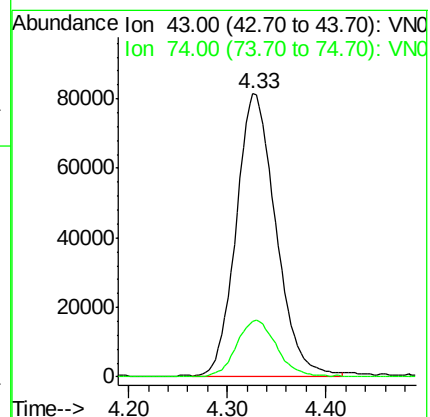
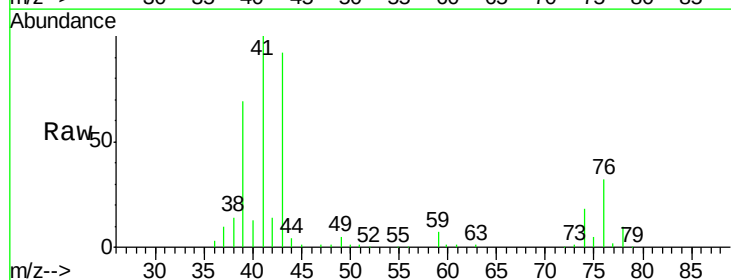
Acq: 17 Apr 2019 17:29

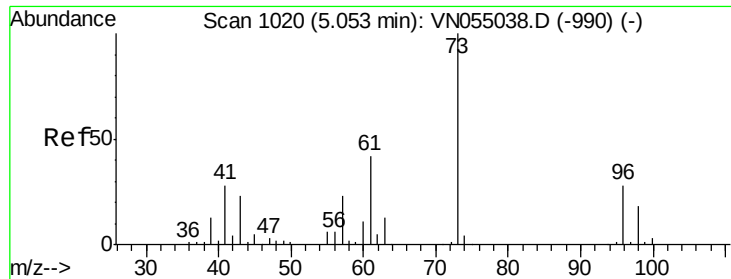
Tgt Ion: 43 Resp: 225827

Ion Ratio Lower Upper

43 100

74 20.4 16.1 24.1

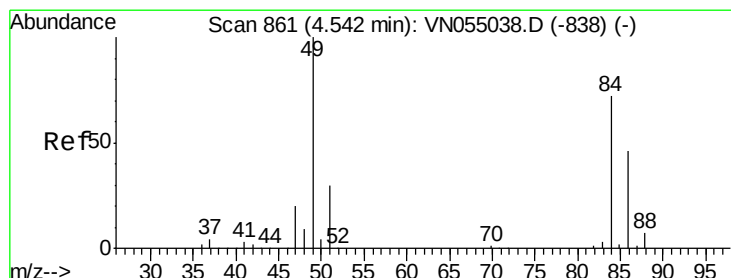
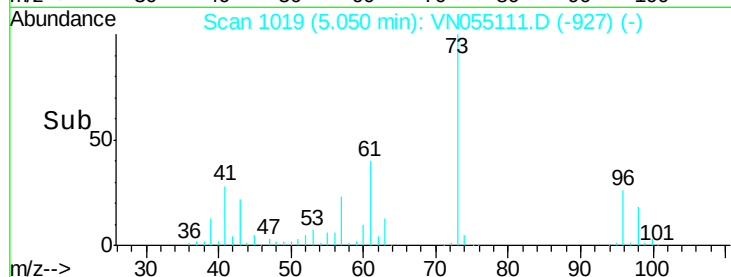
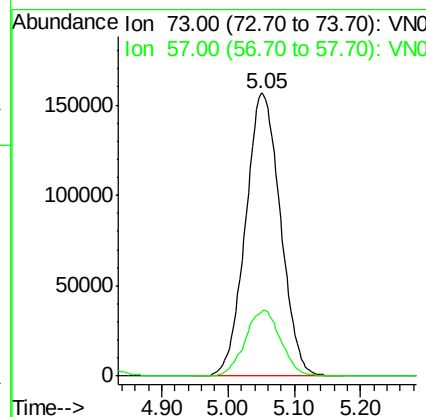
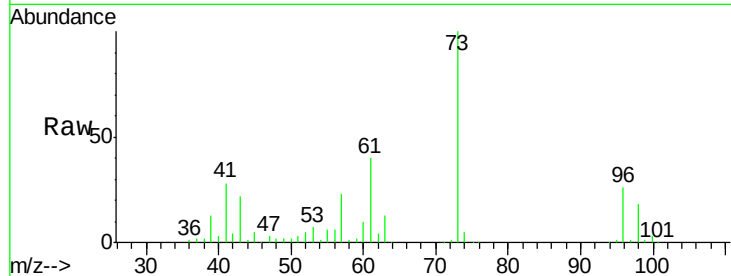




#19
Methvl tert-butyl Ether
Concen: 52.837 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

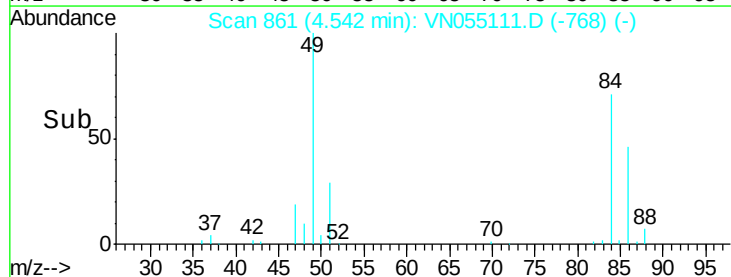
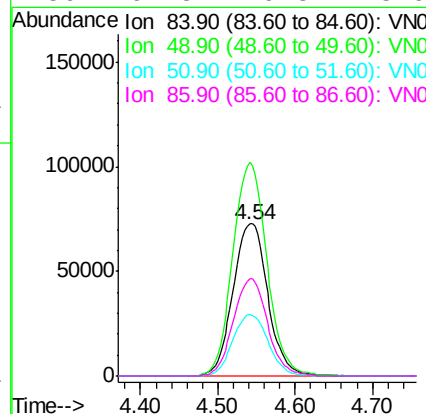
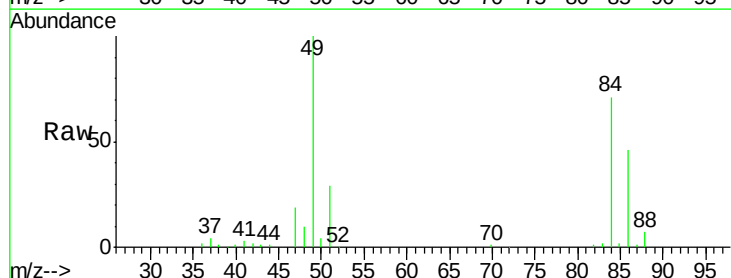
Instrument :
MSVOA_N
ClientSampleId :

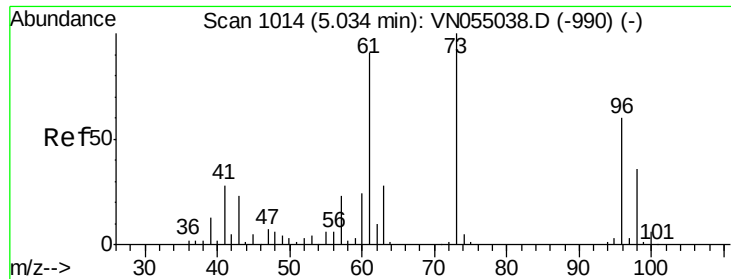
Tot Ion: 73 Resp: 571482
Ion Ratio Lower Upper
73 100
57 22.6 19.0 28.4



#20
Methylene Chloride
Concen: 47.117 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 84 Resp: 227640
Ion Ratio Lower Upper
84 100
49 140.6 109.4 164.2
51 40.2 32.2 48.4
86 64.3 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 46.457 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

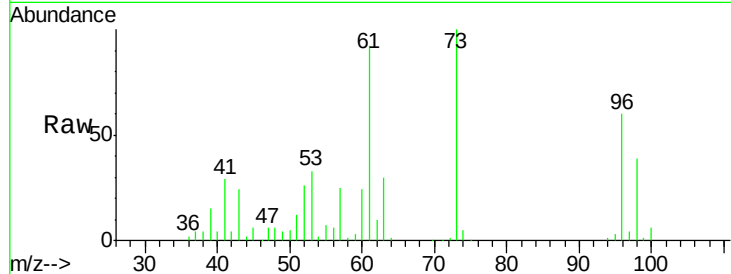
Tot Ion: 96 Resp: 189981

Ion Ratio Lower Upper

96 100

61 154.1 114.9 172.3

98 65.5 48.4 72.6

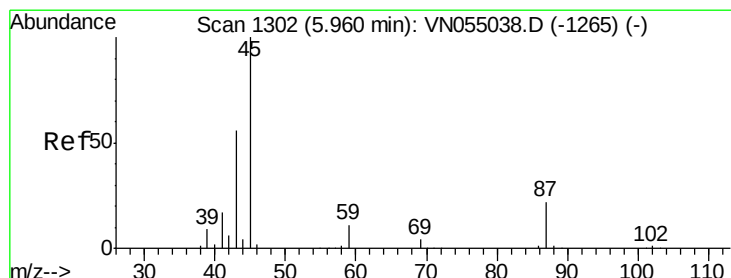
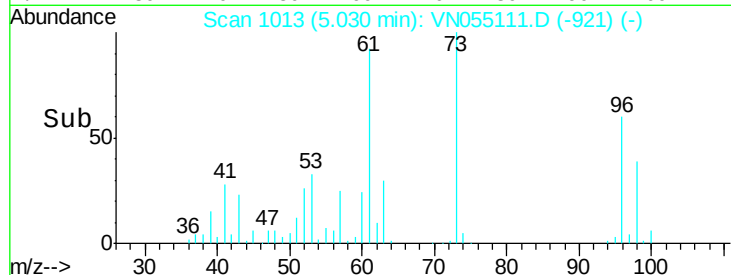
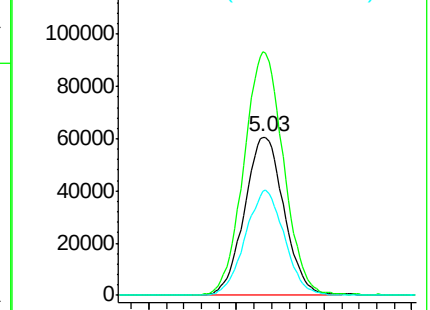


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.169 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Tgt Ion: 45 Resp: 778511

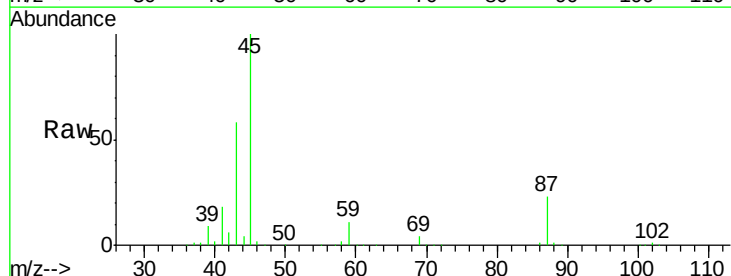
Ion Ratio Lower Upper

45 100

43 57.7 44.8 67.2

87 23.1 18.9 28.3

59 10.6 7.9 11.9



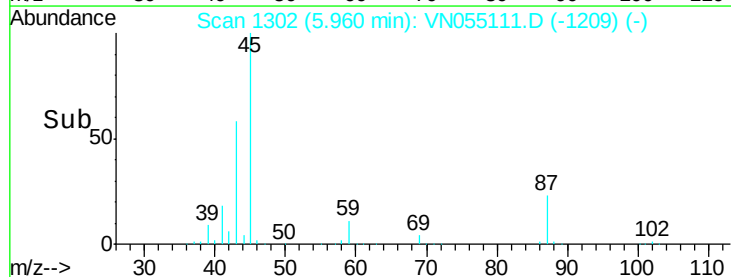
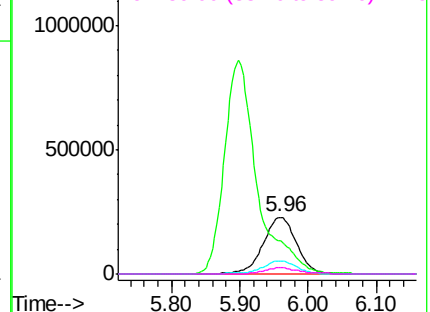
Abundance

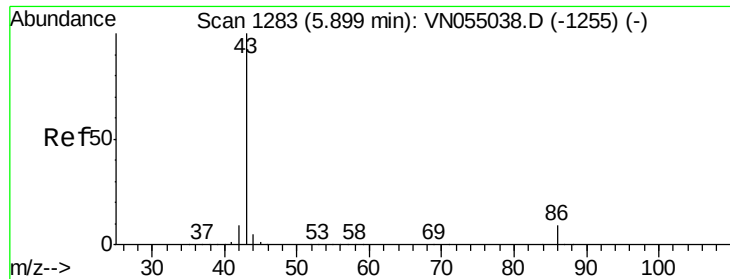
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 285.504 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

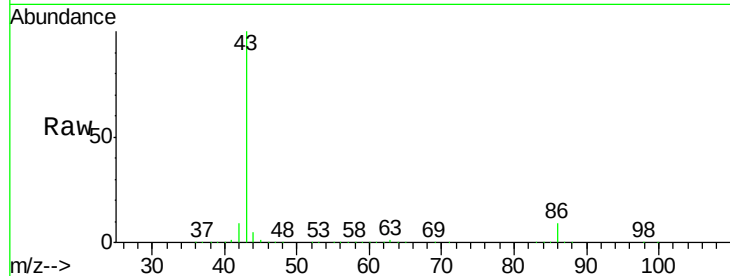
ClientSampleId :

Tot Ion: 43 Resp: 2871175

Ion Ratio Lower Upper

43 100

86 8.6 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

800000

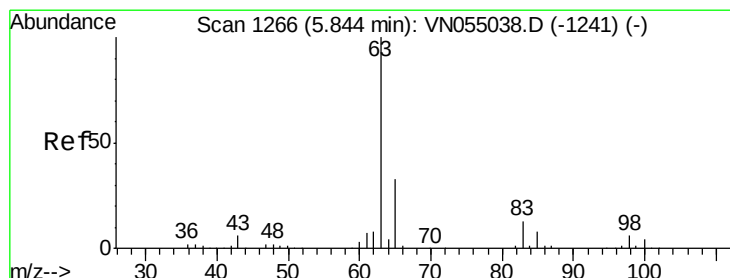
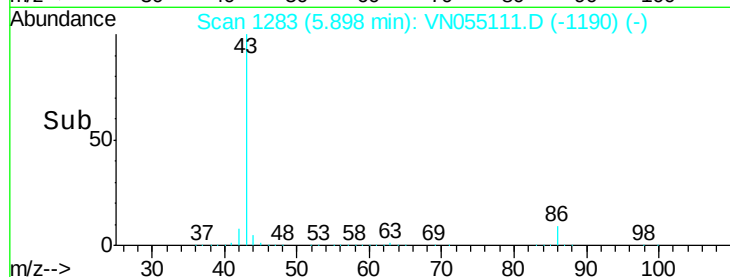
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.062 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

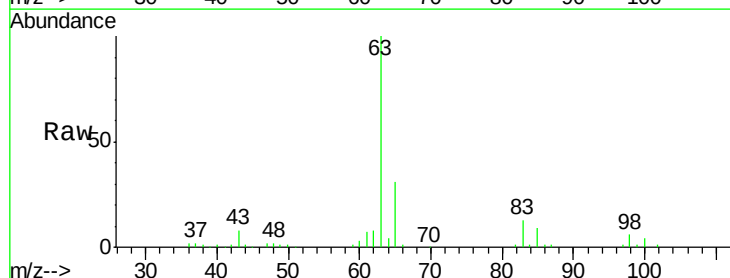
Tgt Ion: 63 Resp: 397502

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

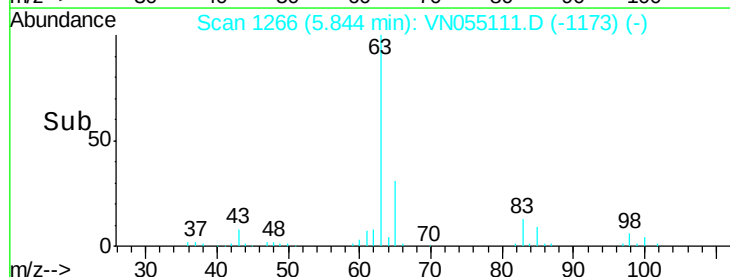
150000

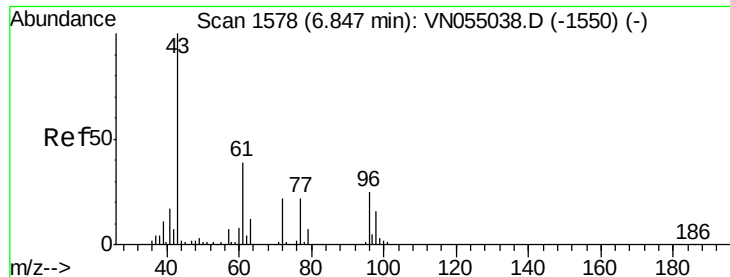
100000

50000

0

Time-->

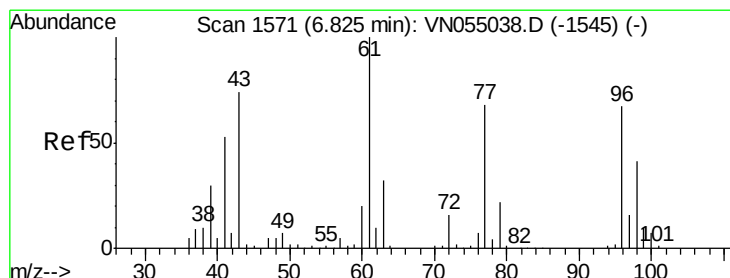
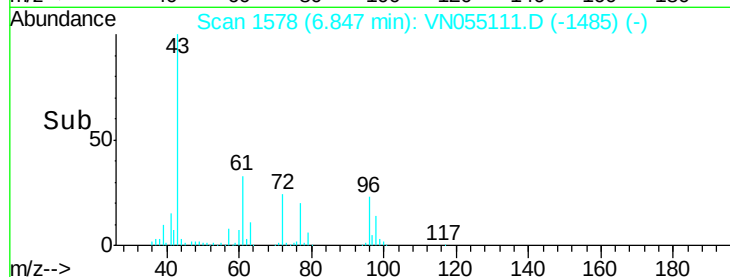
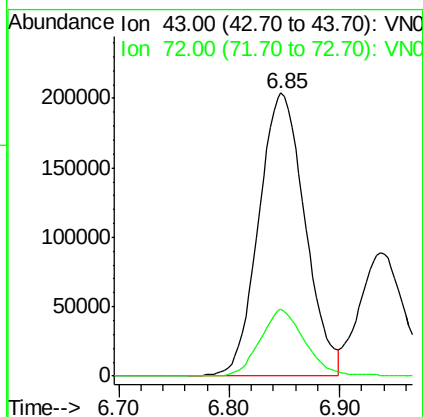
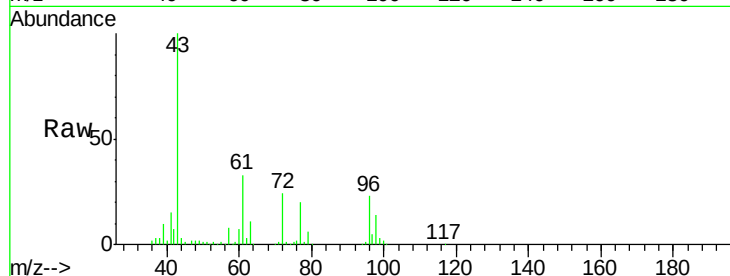




#25
2-Butanone
Concen: 287.616 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

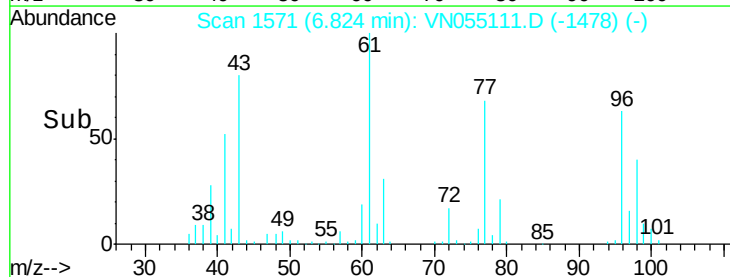
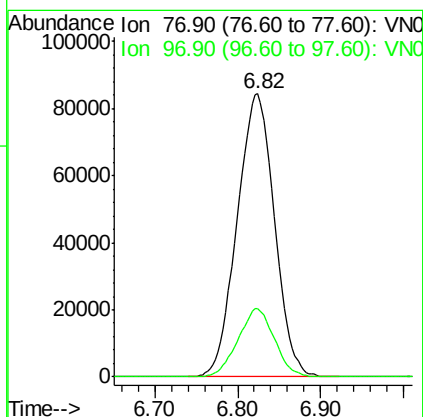
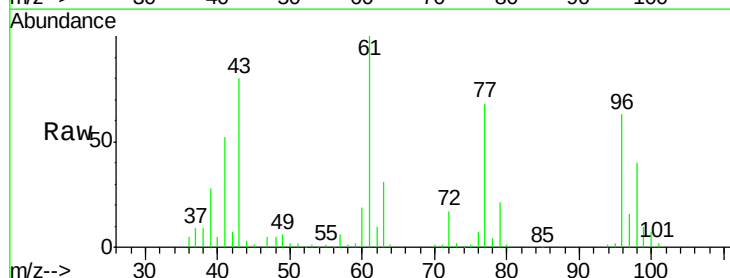
Instrument :
MSVOA_N
ClientSampled :

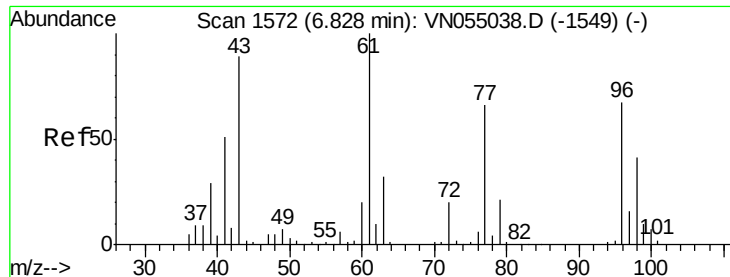
Tot Ion: 43 Resp: 589970
Ion Ratio Lower Upper
43 100
72 23.7 18.1 27.1



#26
2,2-Dichloropropane
Concen: 51.572 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 77 Resp: 263724
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 49.480 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

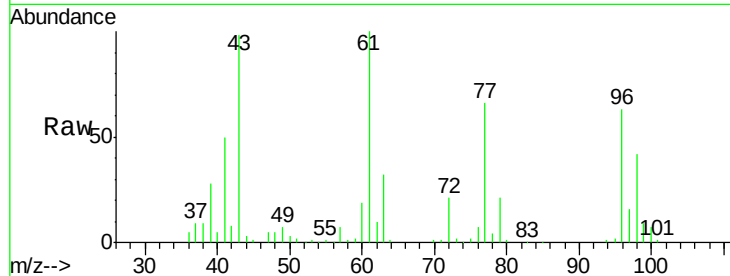
Tot Ion: 96 Resp: 228917

Ion Ratio Lower Upper

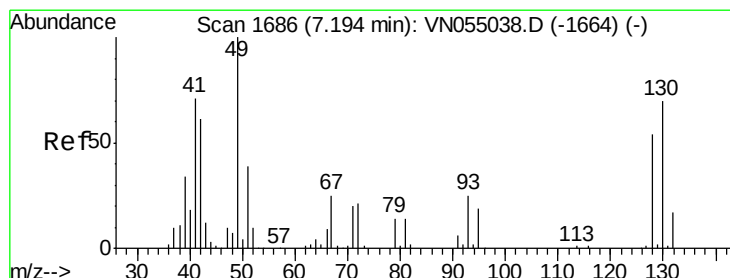
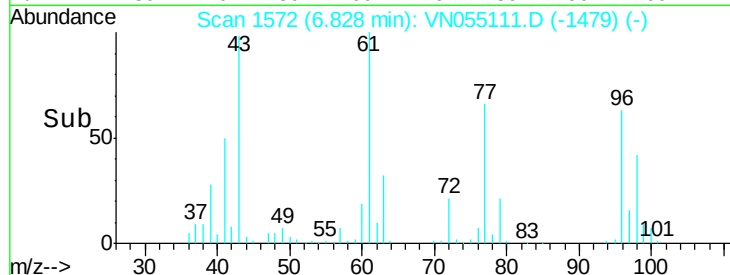
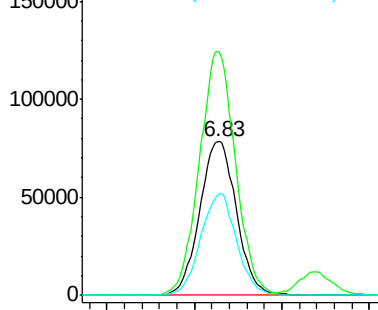
96 100

61 155.3 0.0 311.0

98 64.7 0.0 127.4



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



#28

Bromochloromethane

Concen: 47.450 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

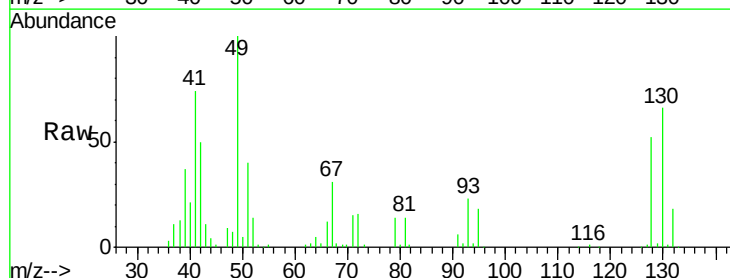
Tgt Ion: 49 Resp: 185318

Ion Ratio Lower Upper

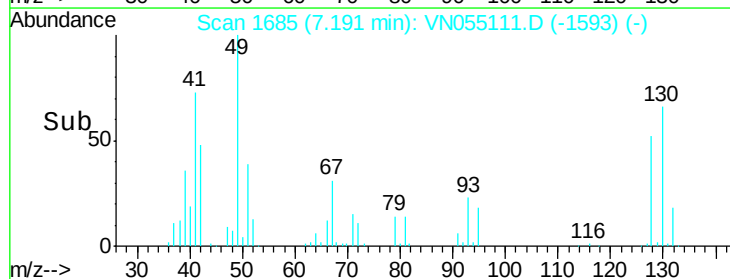
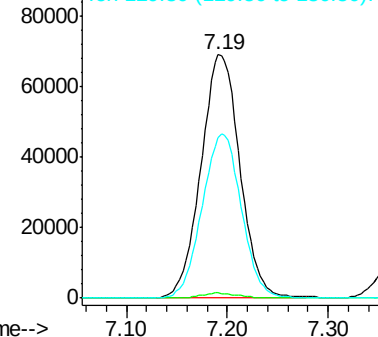
49 100

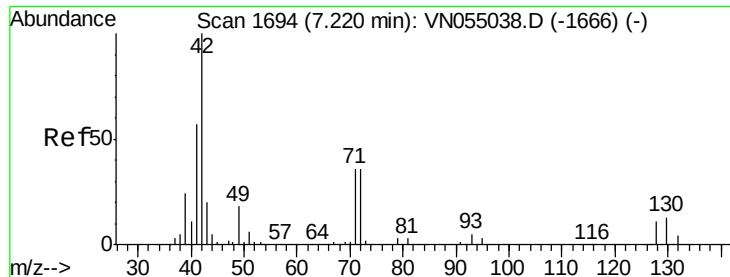
129 1.9 0.0 2.0

130 68.0 53.4 80.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

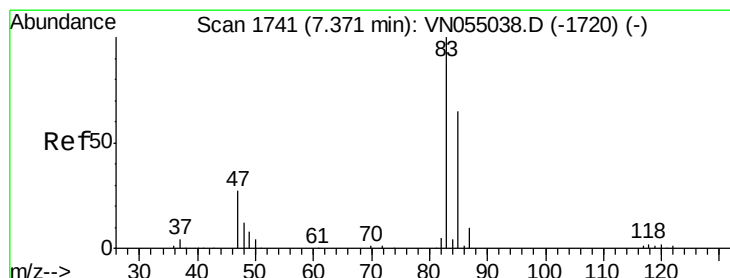
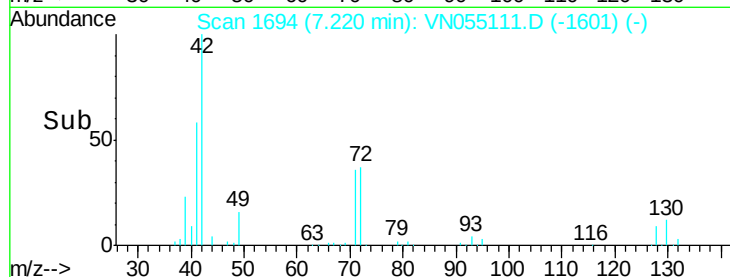
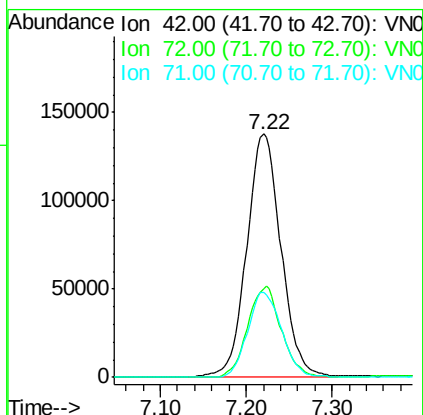
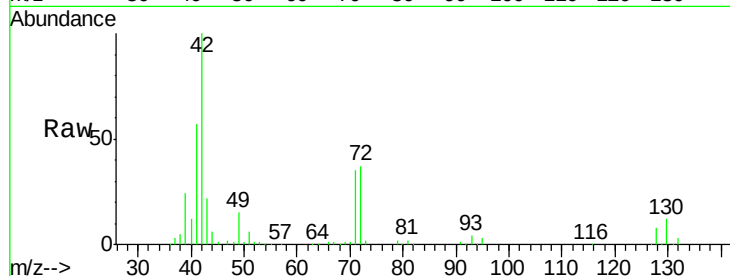




#29
Tetrahydrofuran
Concen: 282.953 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

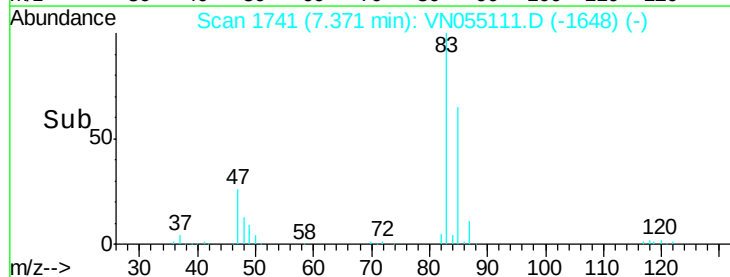
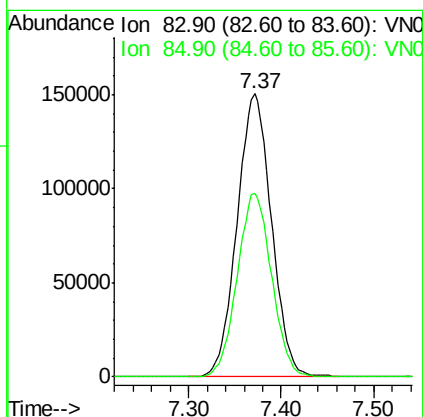
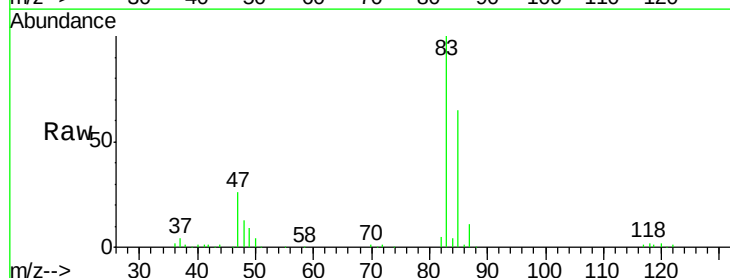
Instrument :
MSVOA_N
ClientSampled :

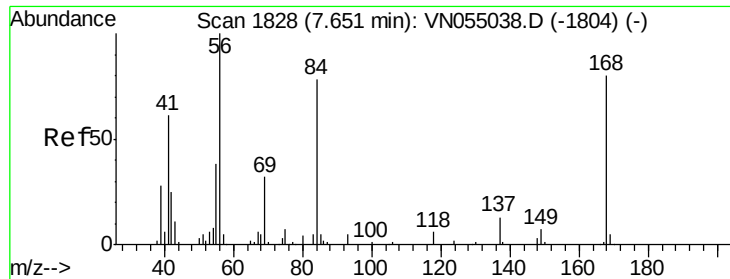
Tot Ion: 42 Resp: 380612
Ion Ratio Lower Upper
42 100
72 37.0 29.4 44.0
71 35.0 27.8 41.6



#30
Chloroform
Concen: 49.254 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 83 Resp: 387627
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.6





#31

Cyclohexane

Concen: 50.087 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

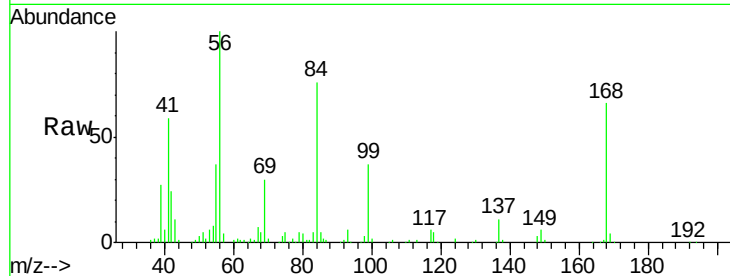
Tot Ion: 56 Resp: 358757

Ion Ratio Lower Upper

56 100

69 29.9 24.5 36.7

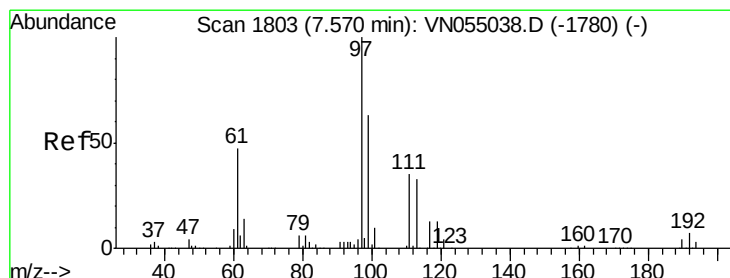
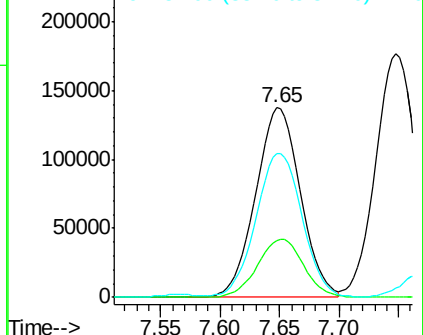
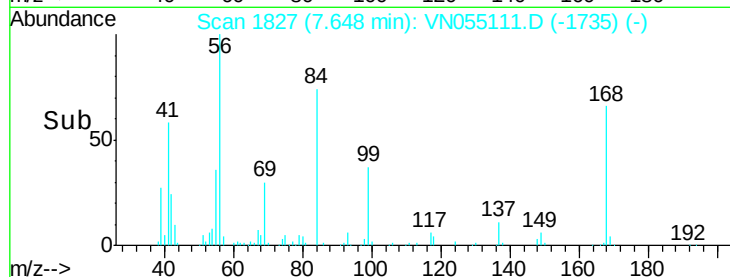
84 74.7 62.9 94.3



Abundance Ion 56.00 (55.70 to 56.70): VN055111.D (-1735) (-)

Ion 69.00 (68.70 to 69.70): VN055111.D (-1735) (-)

Ion 84.00 (83.70 to 84.70): VN055111.D (-1735) (-)



#32

1,1,1-Trichloroethane

Concen: 49.946 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

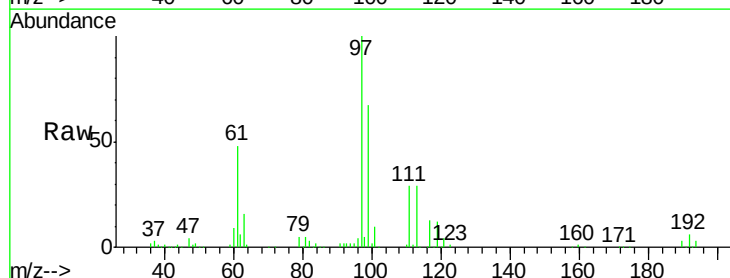
Tgt Ion: 97 Resp: 311418

Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

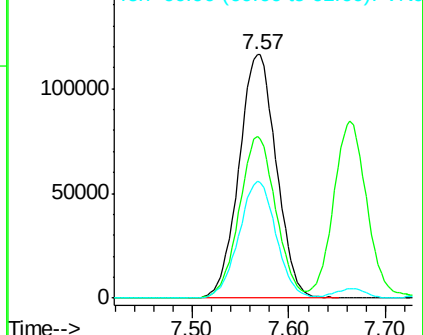
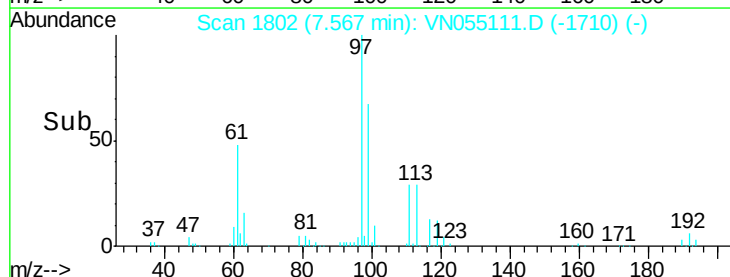
61 47.7 38.3 57.5

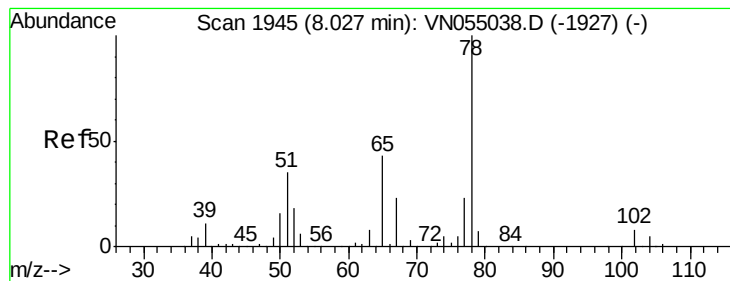


Abundance Ion 96.90 (96.60 to 97.60): VN055111.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055111.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055111.D (-1710) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.958 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

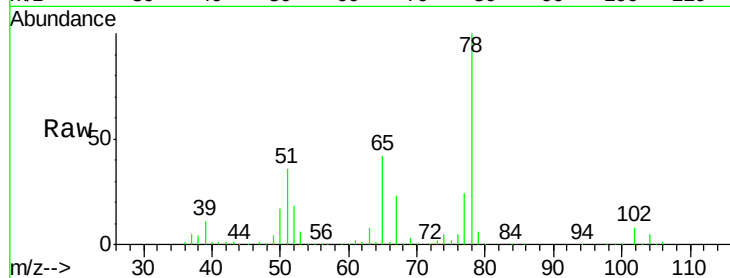
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 252973

Ion Ratio Lower Upper

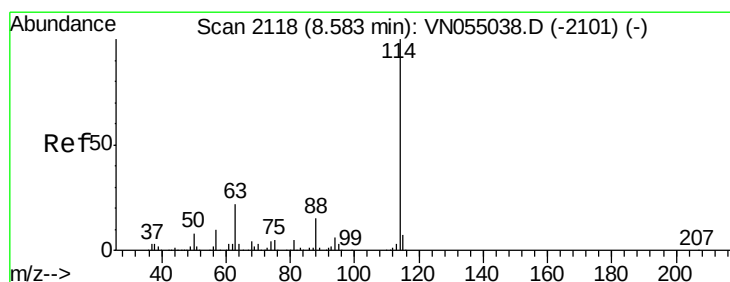
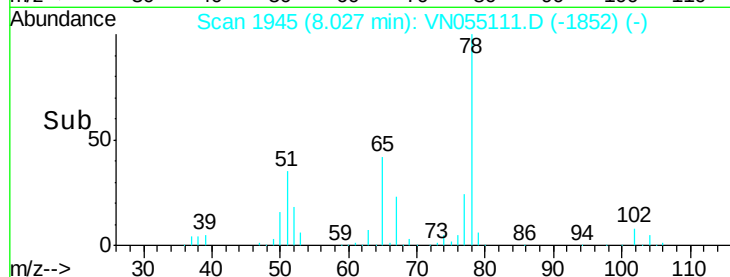
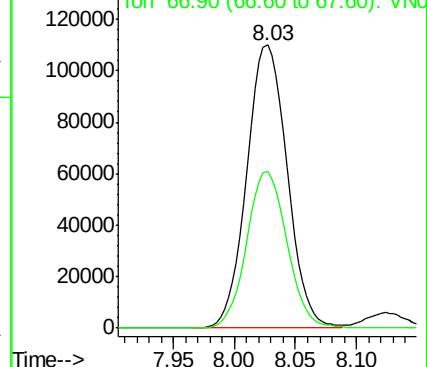
65 100

67 55.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN055111.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055111.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

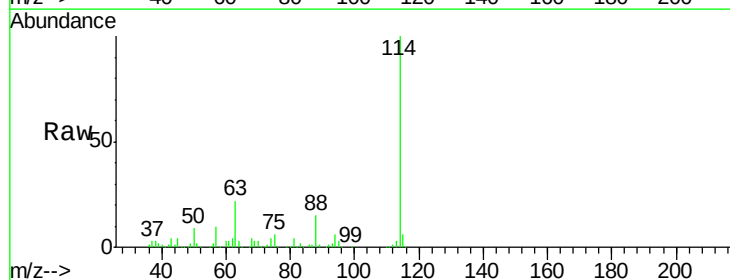
Tgt Ion: 114 Resp: 615294

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

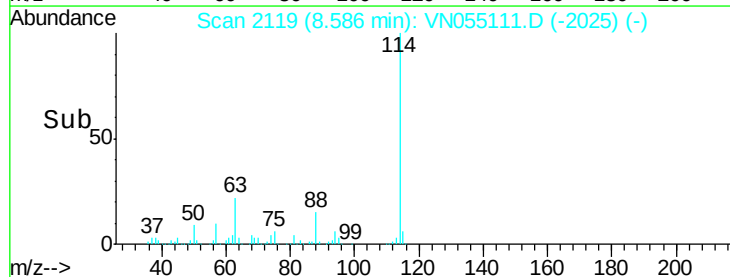
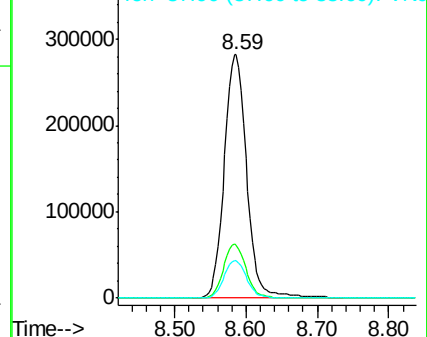
88 15.3 0.0 31.8

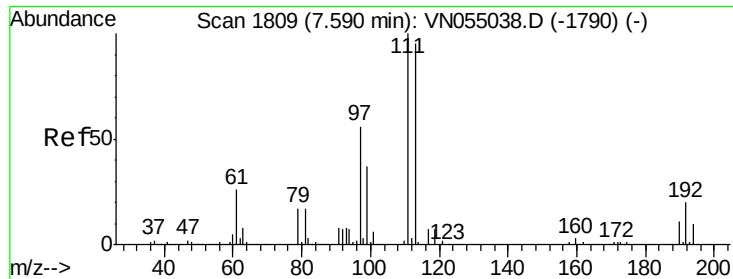


Abundance Ion 113.90 (113.60 to 114.60): VN055111.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN055111.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN055111.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 50.471 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

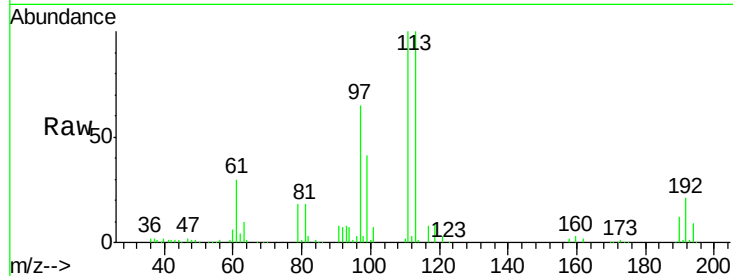
Tot Ion:113 Resp: 207540

Ion Ratio Lower Upper

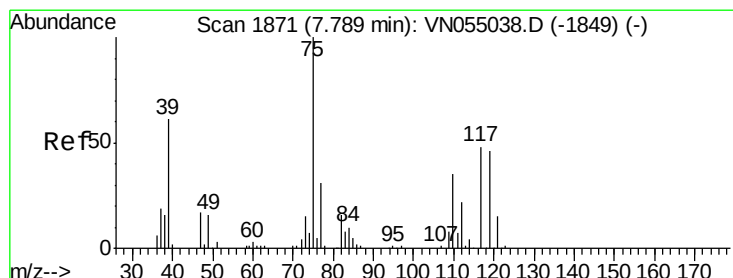
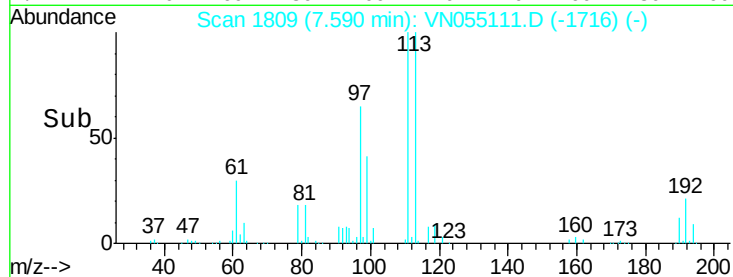
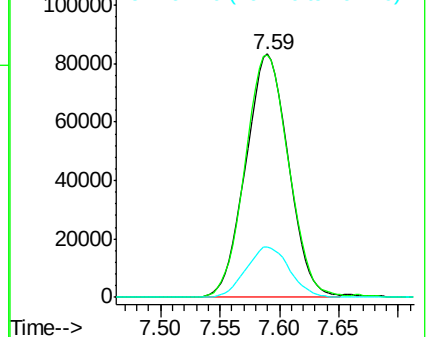
113 100

111 101.5 82.1 123.1

192 21.0 16.5 24.7



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



#36

1,1-Dichloropropene

Concen: 48.485 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

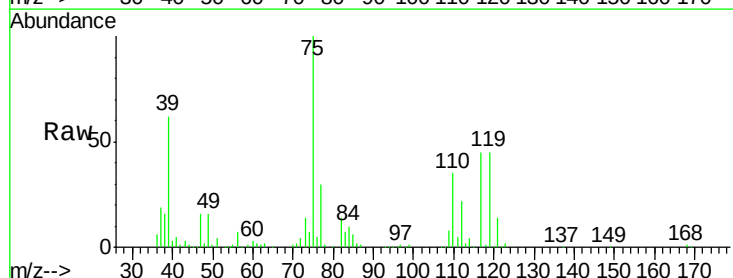
Tgt Ion: 75 Resp: 281229

Ion Ratio Lower Upper

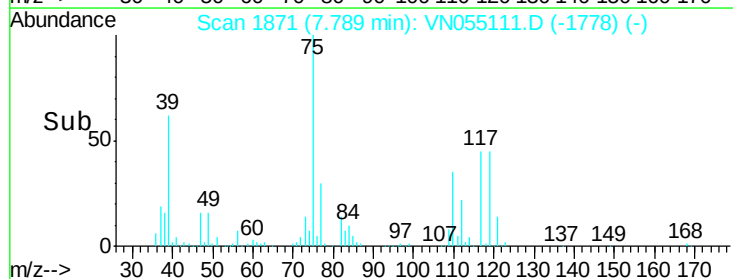
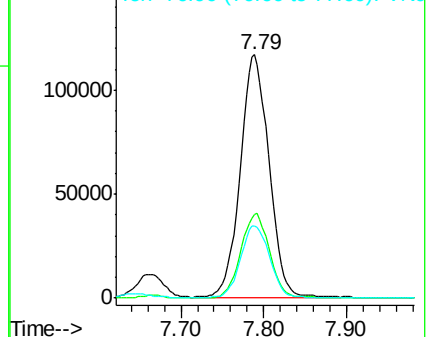
75 100

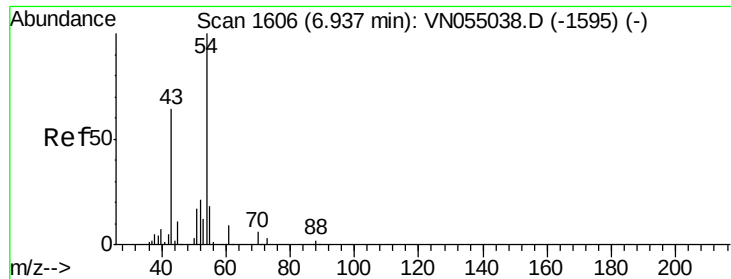
110 35.0 17.5 52.5

77 30.7 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

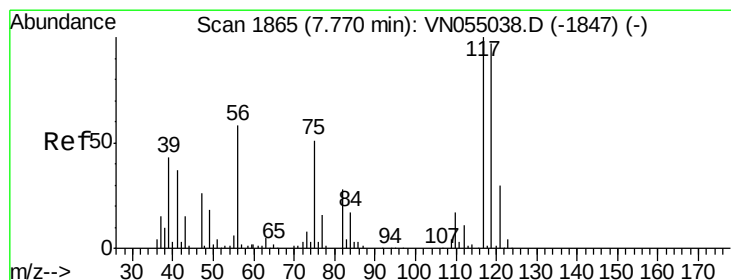
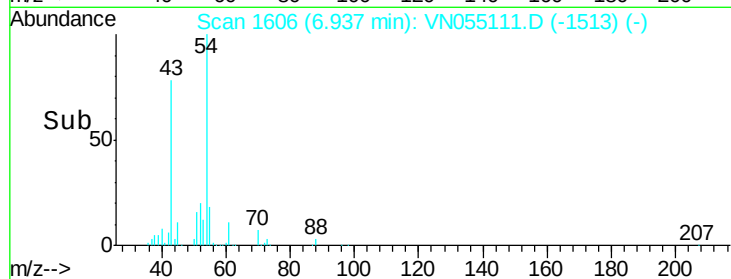
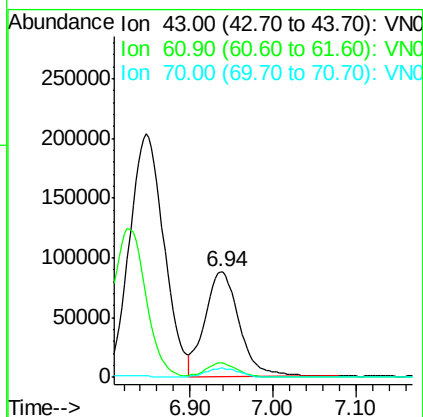
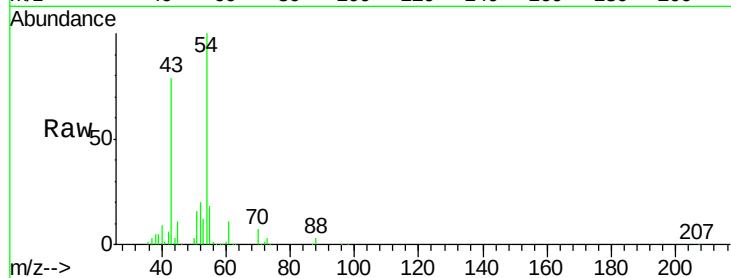




#37
Ethyl Acetate
Concen: 53.855 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

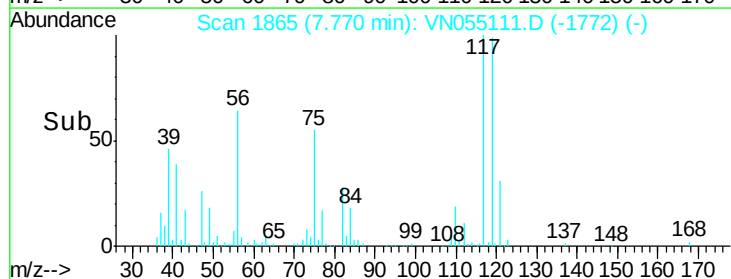
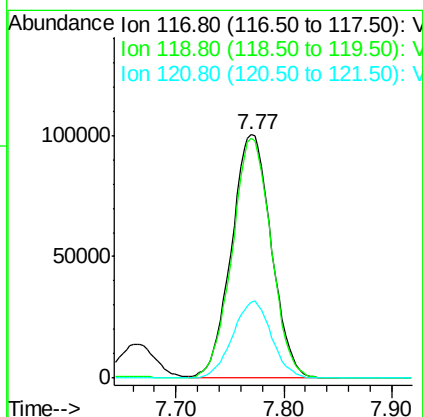
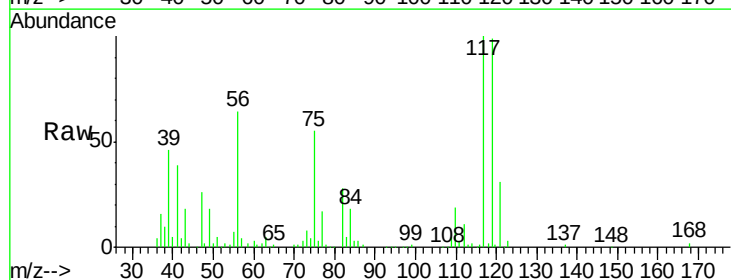
Instrument :
MSVOA_N
ClientSampled :

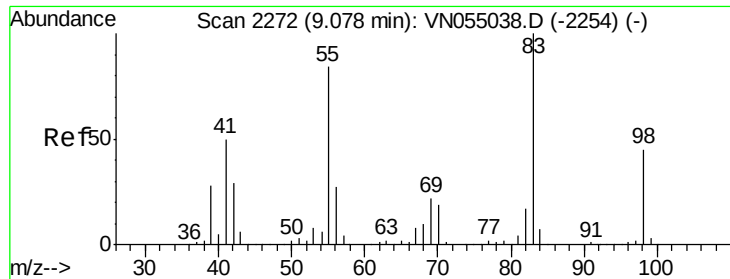
Tot Ion: 43 Resp: 254307
Ion Ratio Lower Upper
43 100
61 12.4 10.0 15.0
70 8.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 46.800 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 117 Resp: 258261
Ion Ratio Lower Upper
117 100
119 98.5 76.3 114.5
121 31.1 23.9 35.9

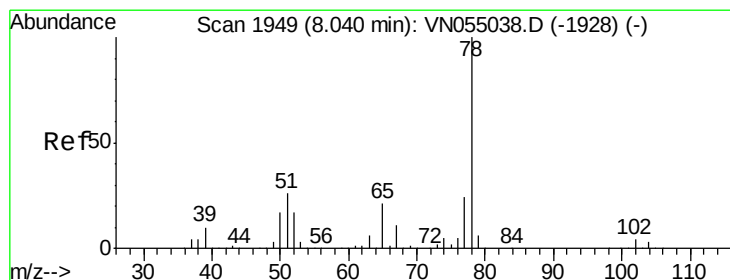
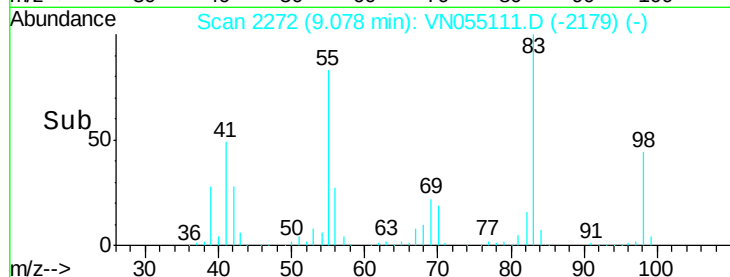
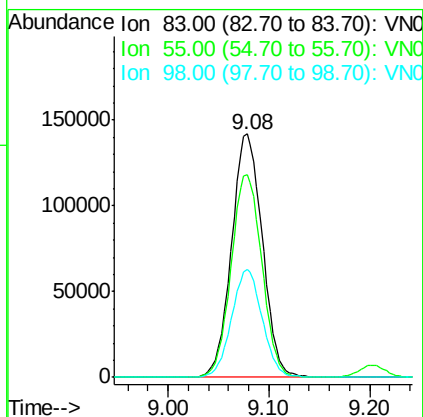
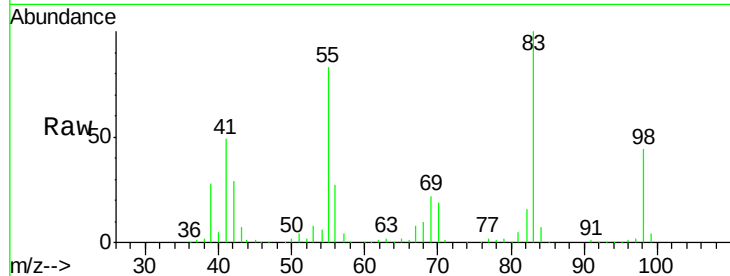




#39
Methylvlcyclohexane
Concen: 47.971 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

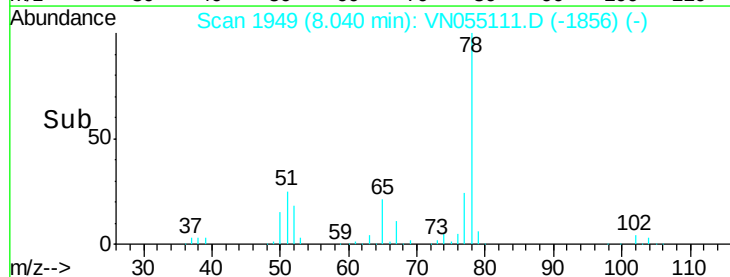
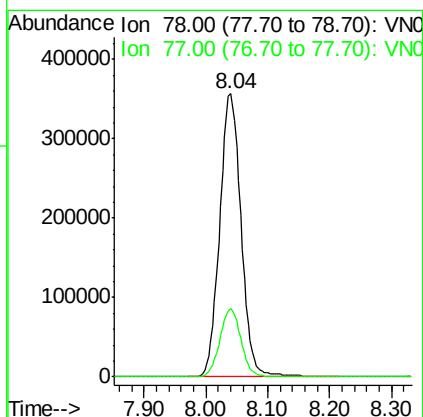
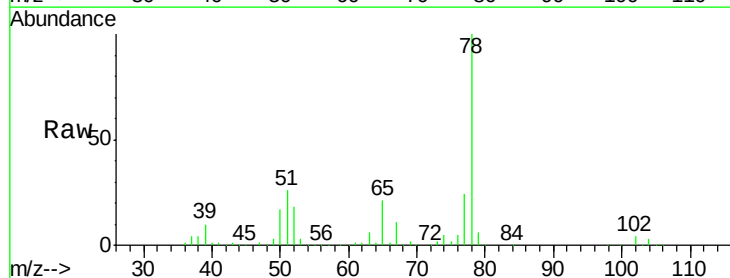
Instrument :
MSVOA_N
ClientSampleId :

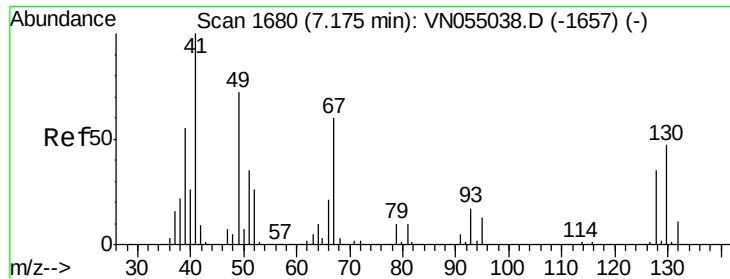
Tot Ion: 83 Resp: 301515
Ion Ratio Lower Upper
83 100
55 83.0 67.0 100.4
98 44.4 35.6 53.4



#40
Benzene
Concen: 49.117 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 78 Resp: 858627
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

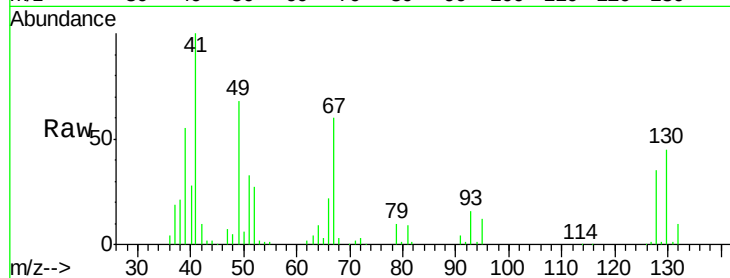




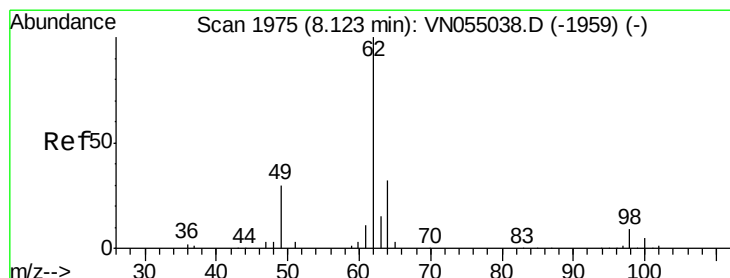
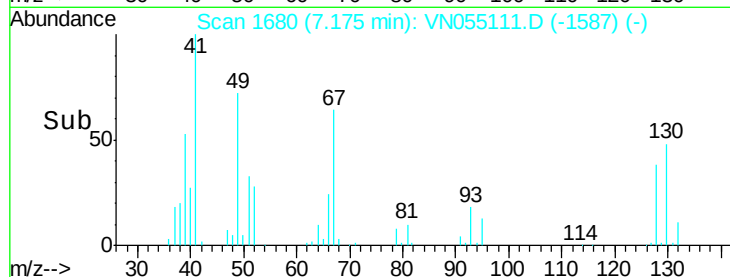
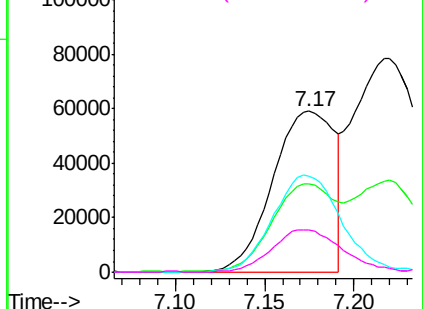
#41
Methacrylonitrile
Concen: 53.939 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 141386
Ion Ratio Lower Upper
41 100
39 57.8 45.6 68.4
67 68.1 57.0 85.6
52 31.2 23.6 35.4

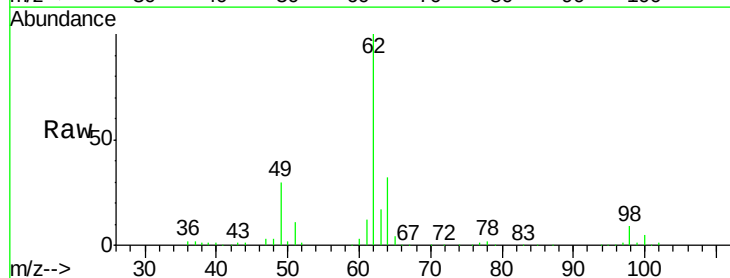


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

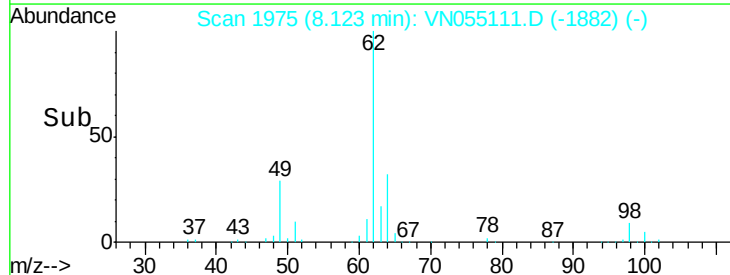
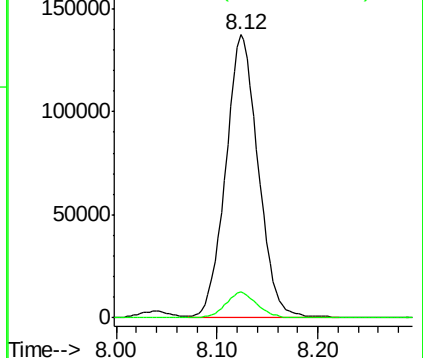


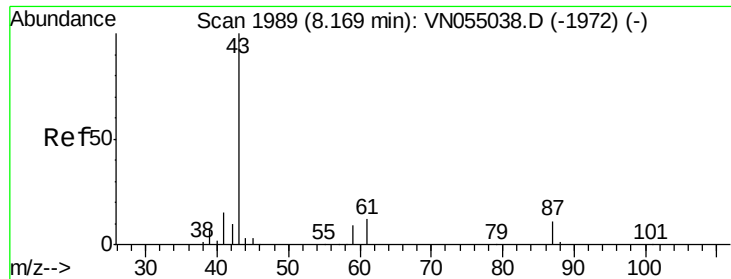
#42
1,2-Dichloroethane
Concen: 50.565 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 62 Resp: 306904
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.4



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





#43

Isopropyl Acetate

Concen: 56.729 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

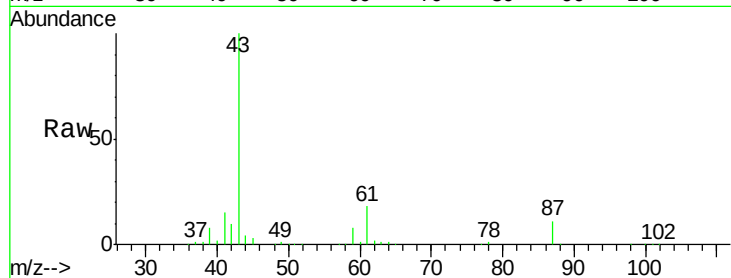
Tot Ion: 43 Resp: 412771

Ion Ratio Lower Upper

43 100

61 18.0 14.3 21.5

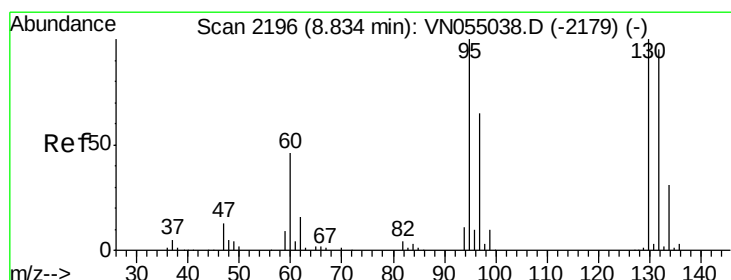
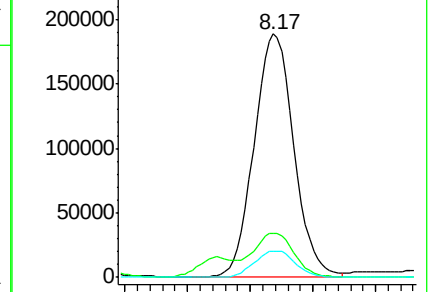
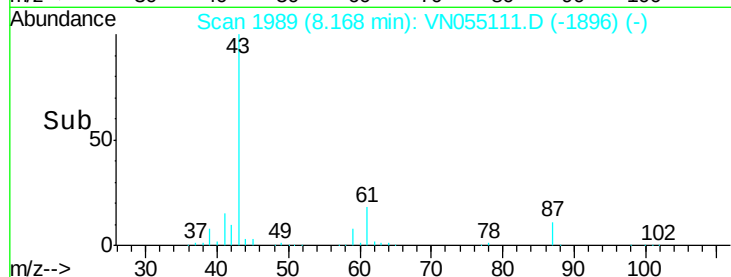
87 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)



#44

Trichloroethene

Concen: 49.841 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055111.D

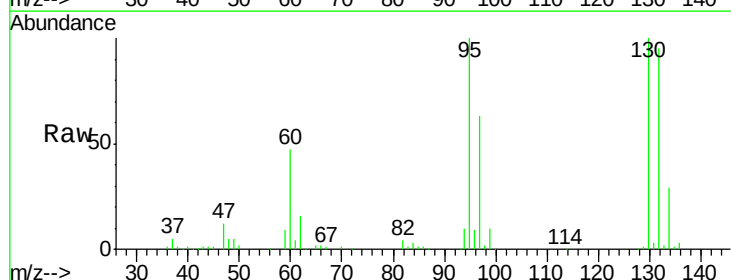
Acq: 17 Apr 2019 17:29

Tgt Ion:130 Resp: 218237

Ion Ratio Lower Upper

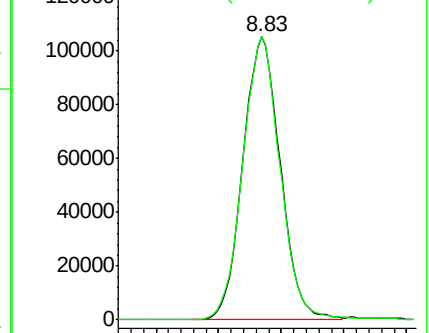
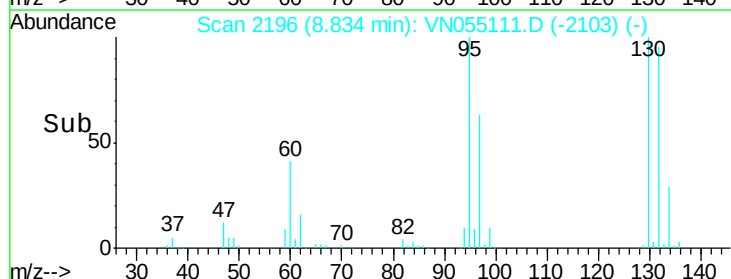
130 100

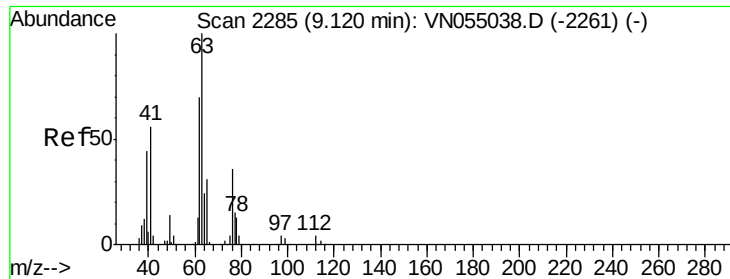
95 100.1 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN055038.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055038.D (-2179) (-)

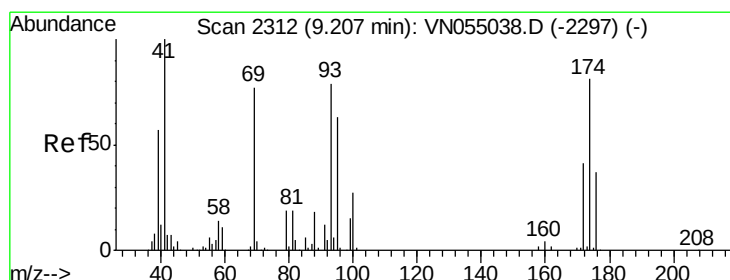
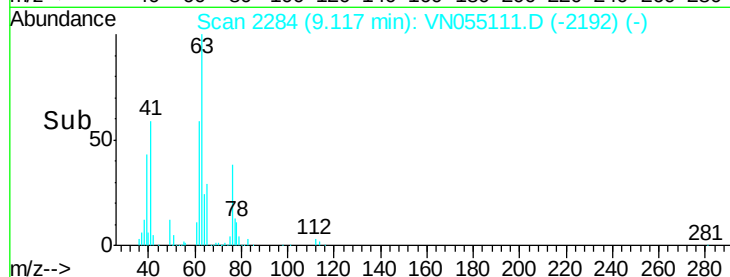
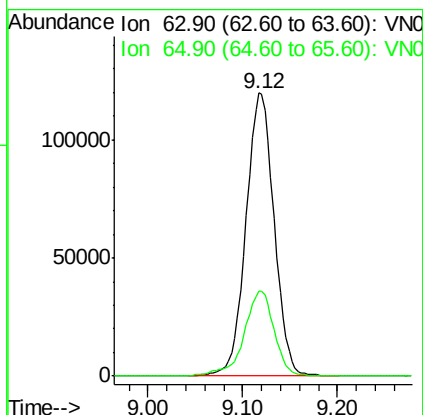
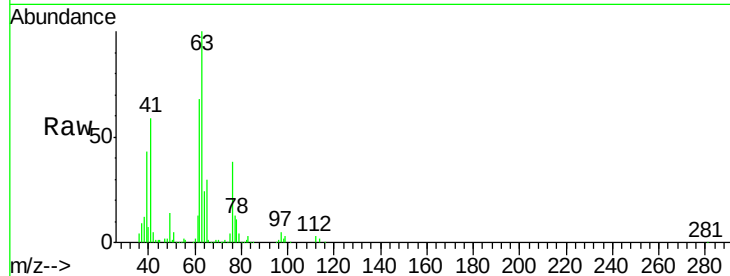




#45
 1,2-Dichloropropane
 Concen: 50.867 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

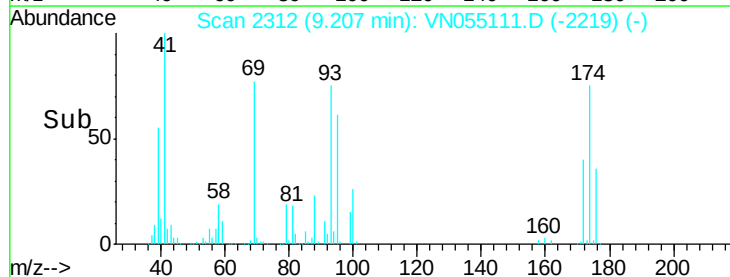
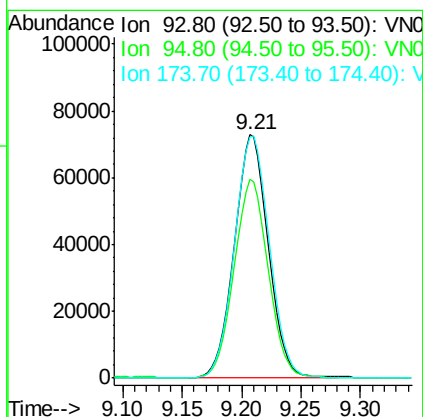
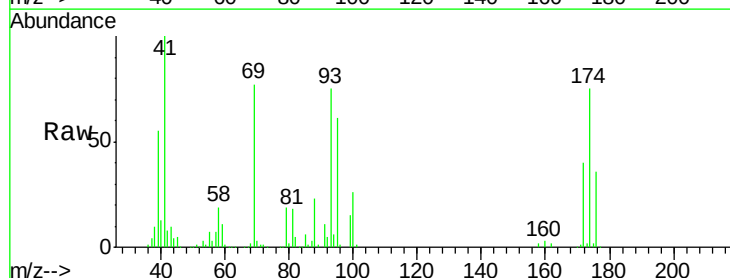
Instrument :
 MSVOA_N
 ClientSampled :

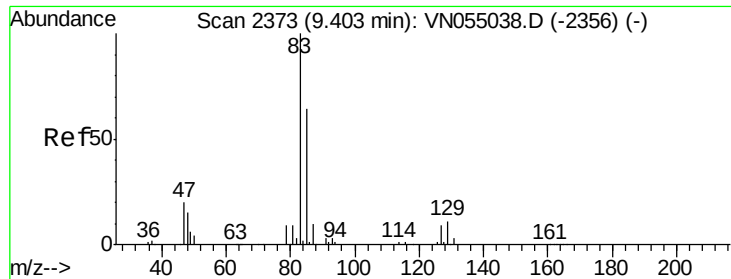
Tot Ion: 63 Resp: 247990
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.4 36.6



#46
 Dibromomethane
 Concen: 52.067 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion: 93 Resp: 144484
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.0 97.6
 174 102.2 81.0 121.6





#47

Bromodichloromethane

Concen: 50.308 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

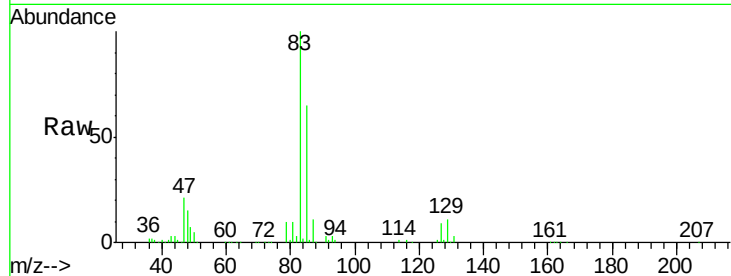
Tot Ion: 83 Resp: 287822

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

9.40

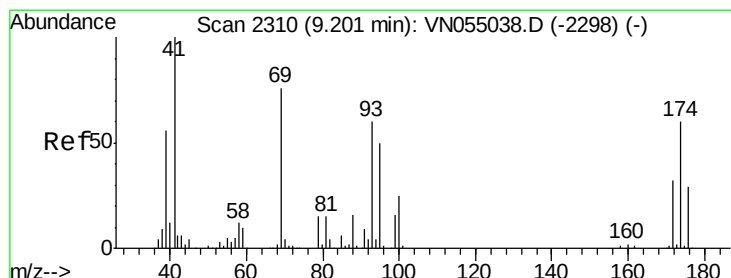
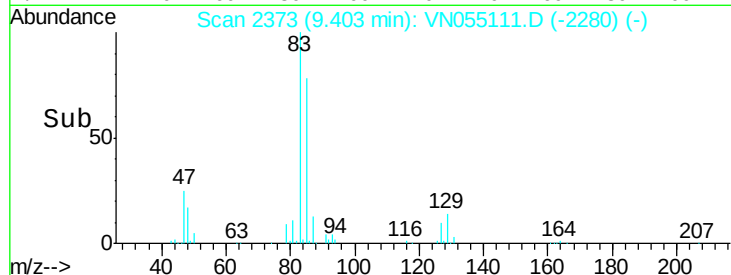
150000

100000

50000

0

Time--> 9.30 9.40 9.50



#48

Methyl methacrylate

Concen: 58.091 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

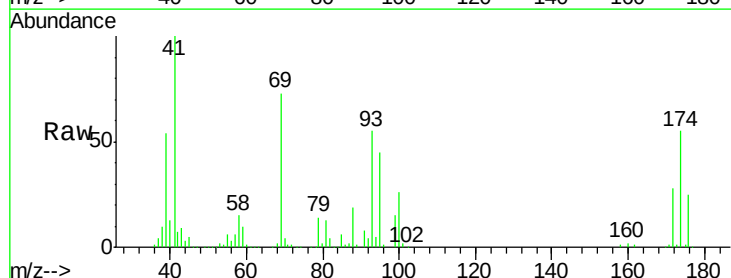
Tgt Ion: 41 Resp: 209501

Ion Ratio Lower Upper

41 100

69 74.8 60.5 90.7

39 53.7 43.9 65.9



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

9.20

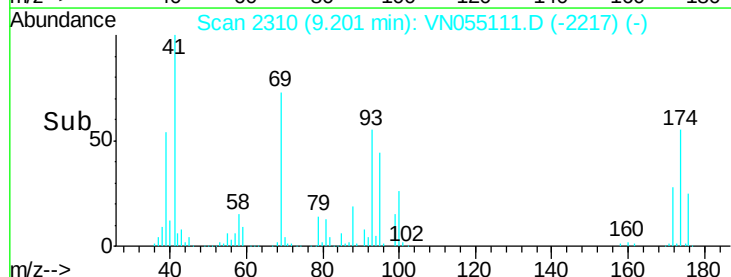
150000

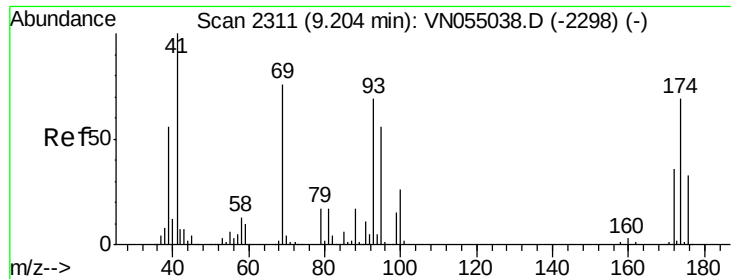
100000

50000

0

Time--> 9.15 9.20 9.25

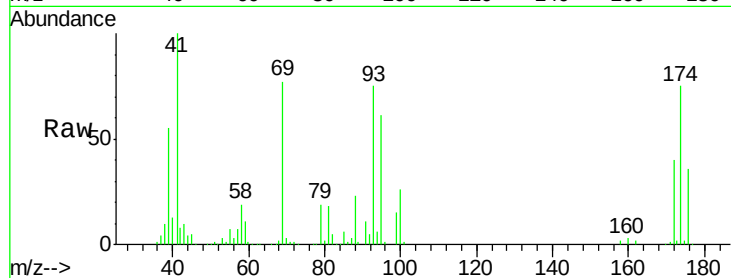




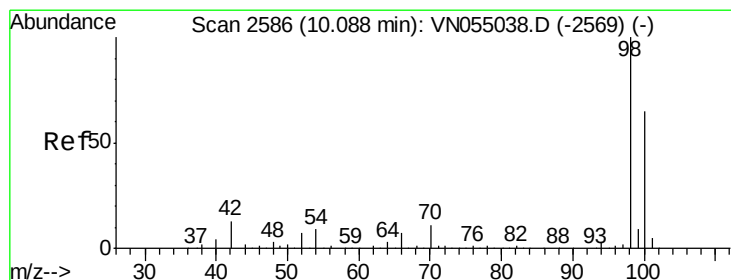
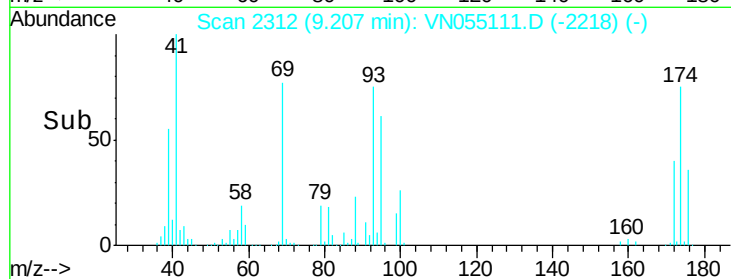
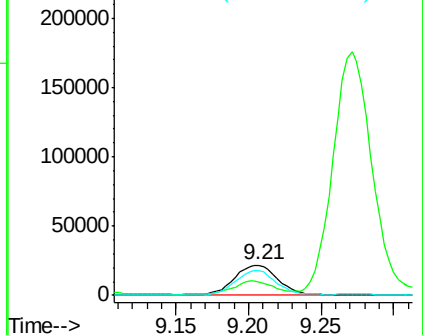
#49
1,4-Dioxane
Concen: 1362.277 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 46029
Ion Ratio Lower Upper
88 100
43 39.0 31.8 47.8
58 78.6 61.6 92.4

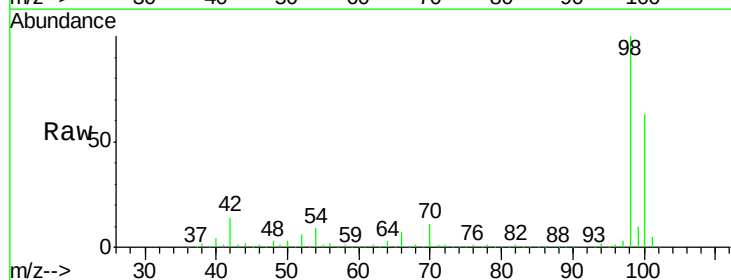


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

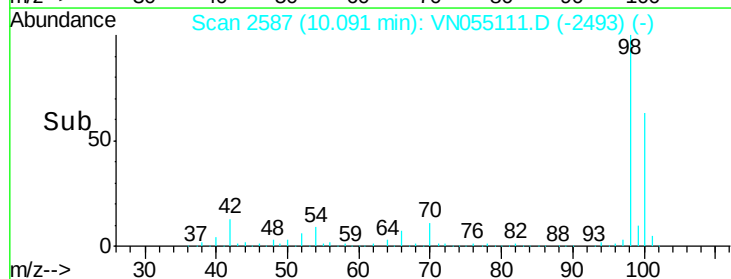
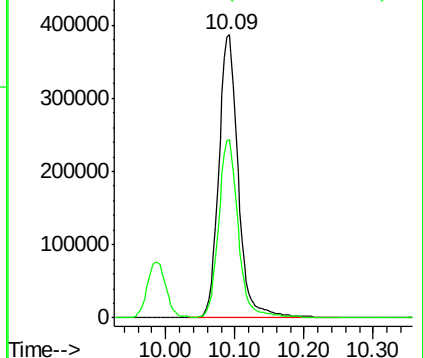


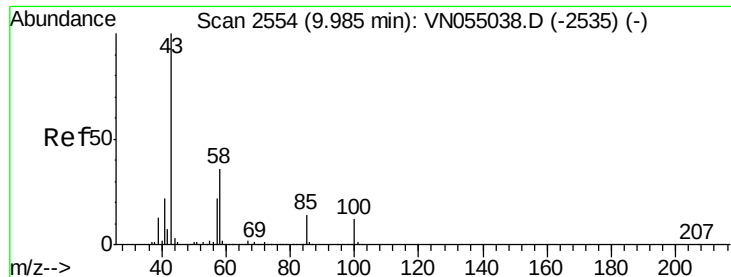
#50
Toluene-d8
Concen: 51.330 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 98 Resp: 755437
Ion Ratio Lower Upper
98 100
100 63.1 51.1 76.7



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

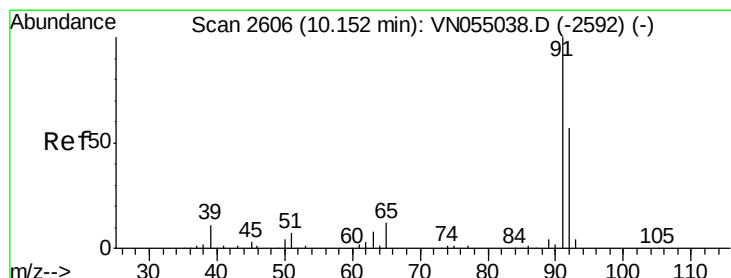
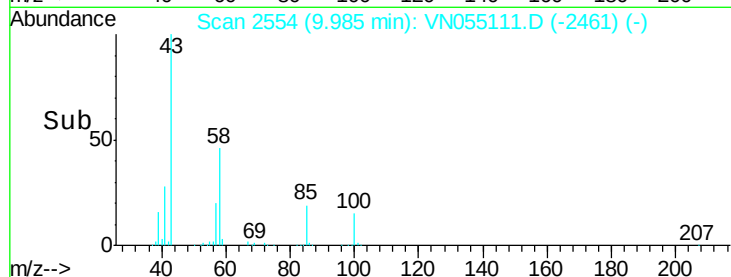
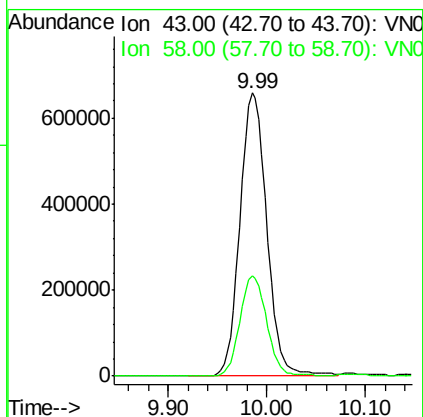
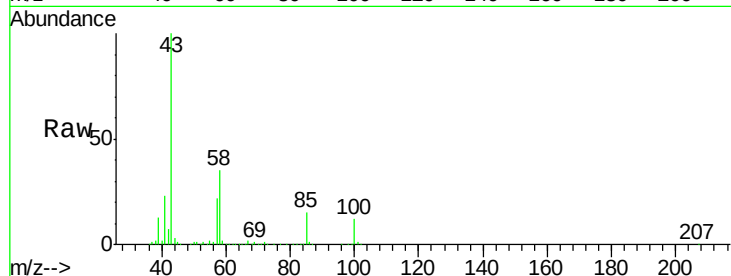




#51
4-Methyl-2-Pentanone
Concen: 294.094 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

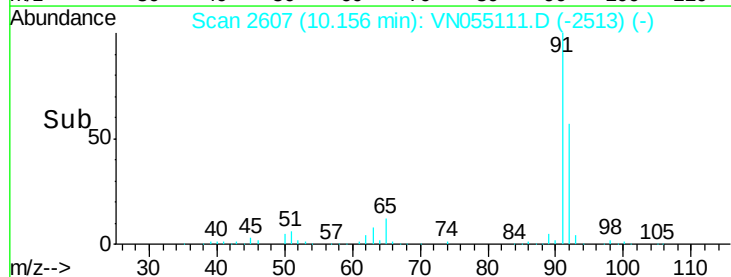
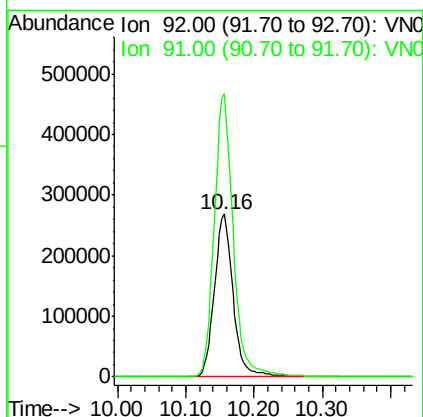
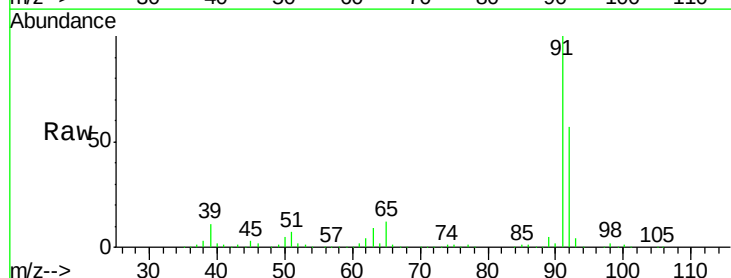
Instrument :
MSVOA_N
ClientSampleId :

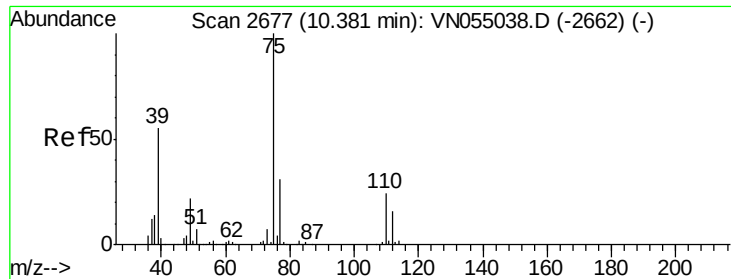
Tot Ion: 43 Resp: 1236255
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.4



#52
Toluene
Concen: 51.481 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 92 Resp: 515439
Ion Ratio Lower Upper
92 100
91 176.2 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 56.680 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

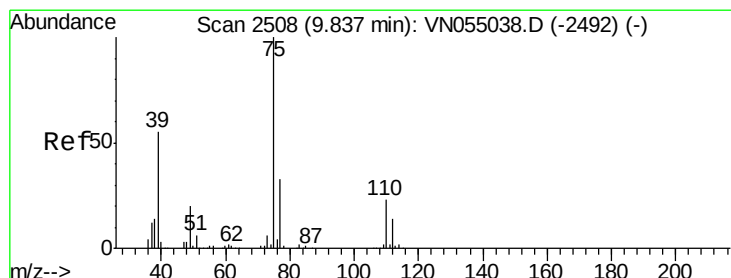
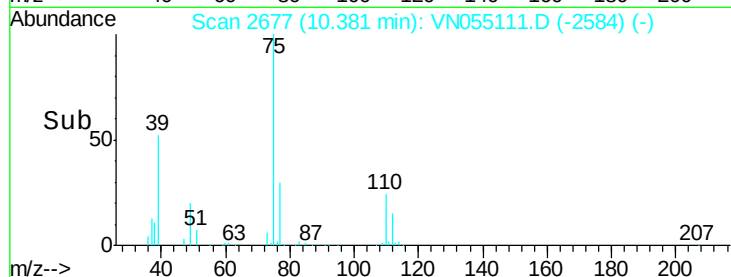
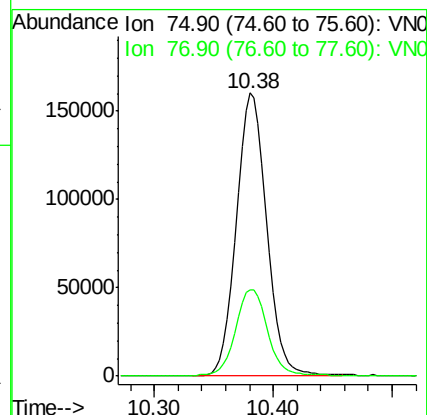
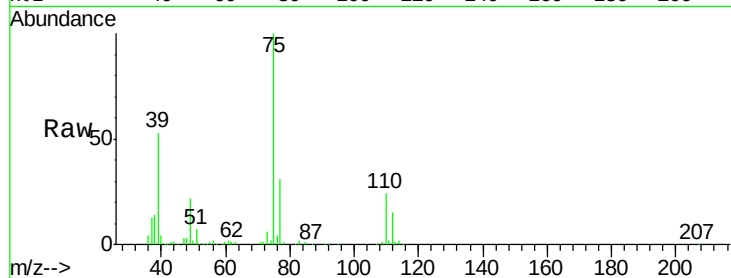
ClientSampled :

Tot Ion: 75 Resp: 283390

Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 54.921 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

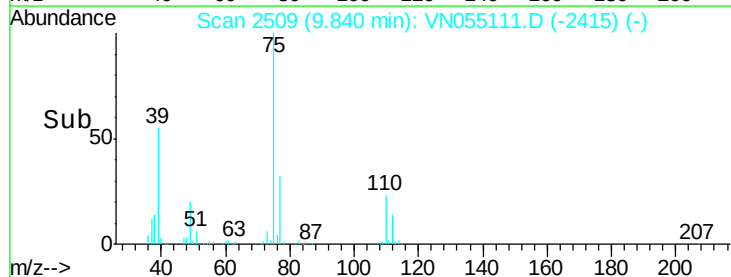
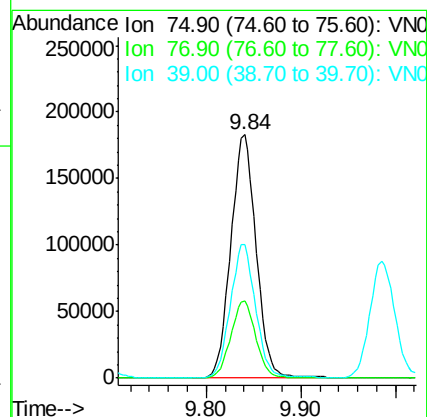
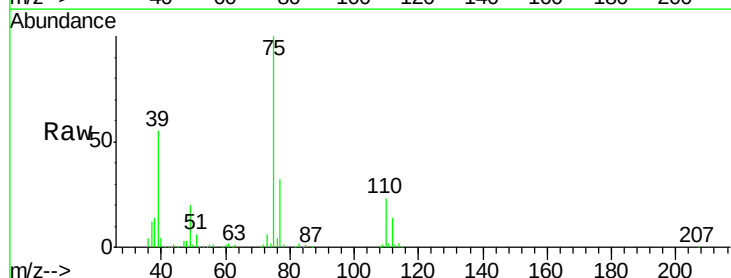
Tgt Ion: 75 Resp: 340810

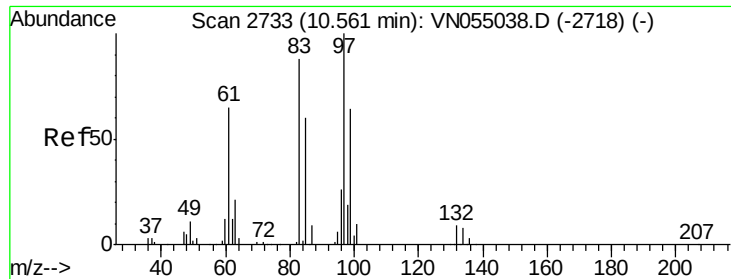
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 54.6 43.8 65.8

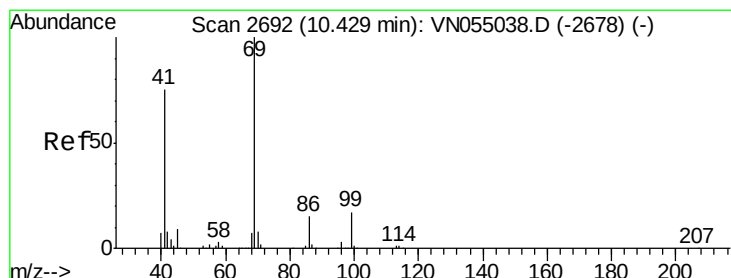
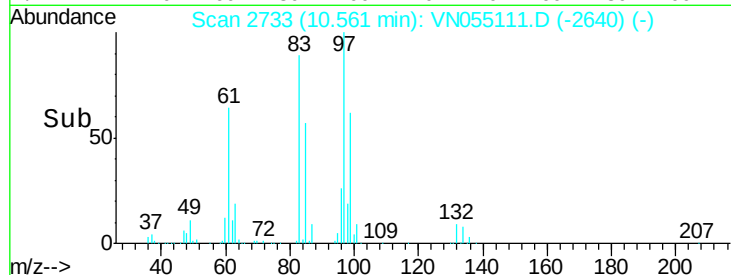
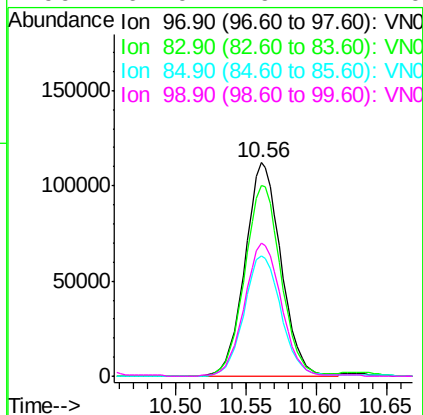
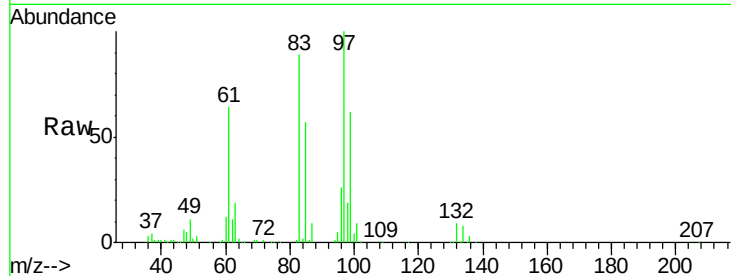




#55
 1,1,2-Trichloroethane
 Concen: 51.902 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

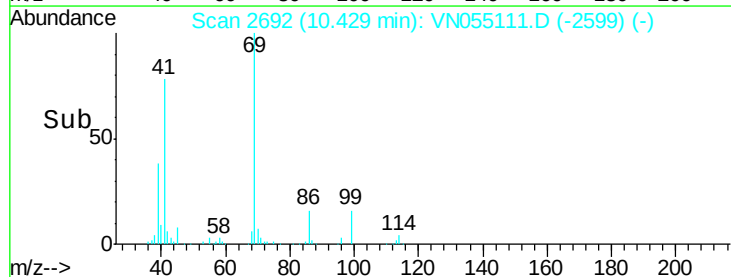
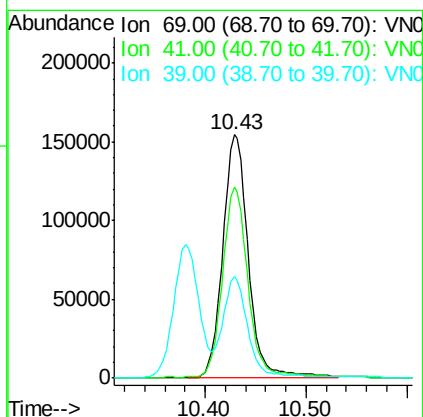
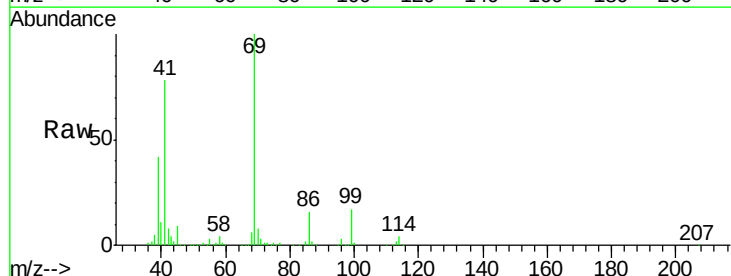
Instrument :
 MSVOA_N
 ClientSampleId :

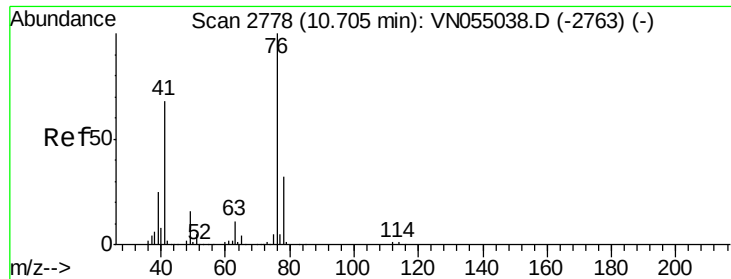
Tot Ion:	97	Resp:	200211
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.5	105.7
85	56.5	45.5	68.3
99	62.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 59.426 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion:	69	Resp:	275112
Ion	Ratio	Lower	Upper
69	100		
41	77.1	61.4	92.0
39	39.1	30.8	46.2

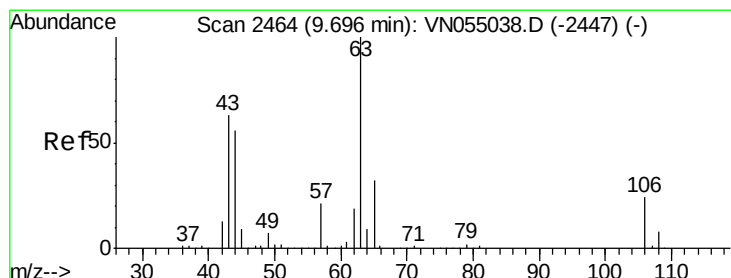
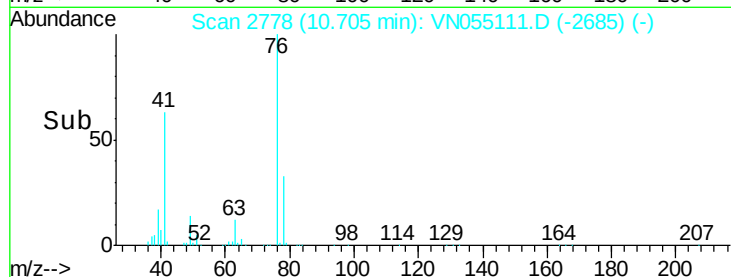
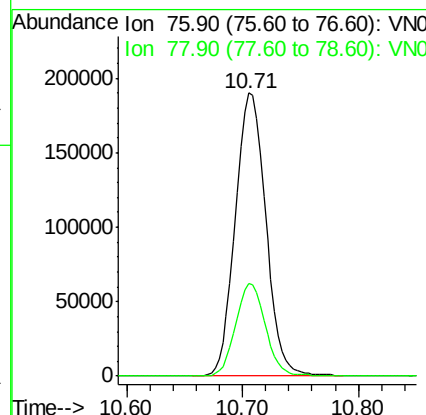
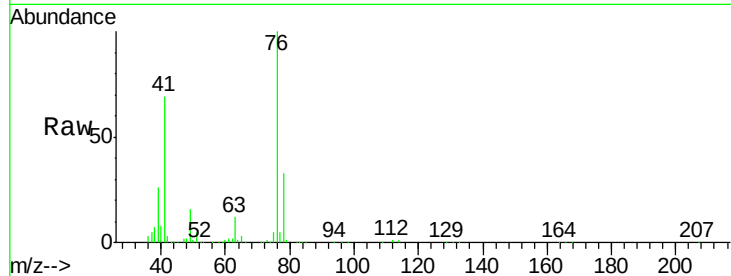




#57
 1,3-Dichloropropane
 Concen: 52.802 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

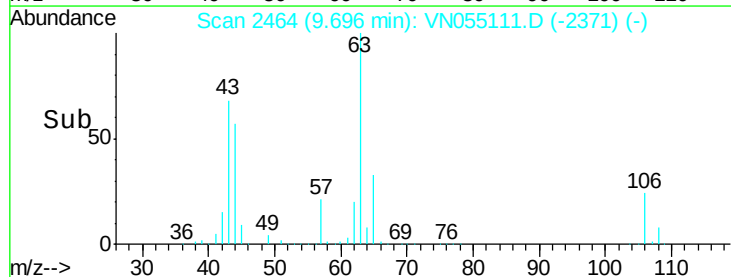
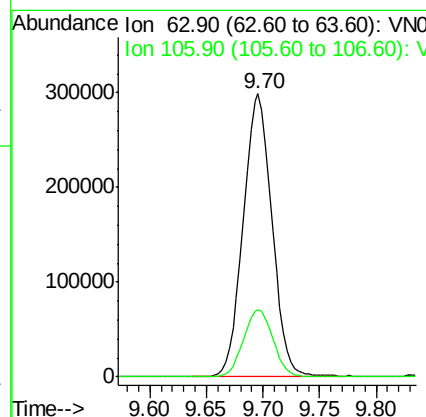
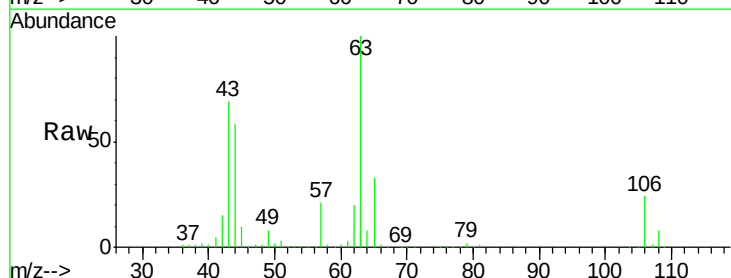
Instrument :
 MSVOA_N
 ClientSampled :

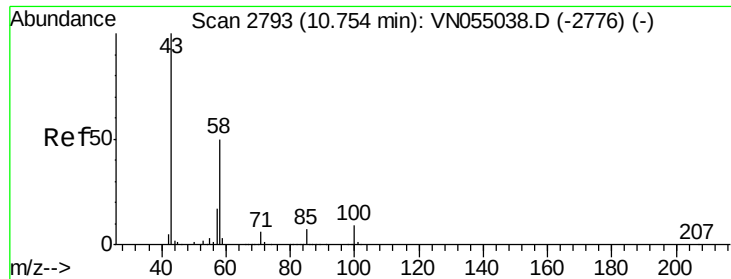
Tot Ion: 76 Resp: 346788
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.128 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion: 63 Resp: 529862
 Ion Ratio Lower Upper
 63 100
 106 24.4 20.0 30.0

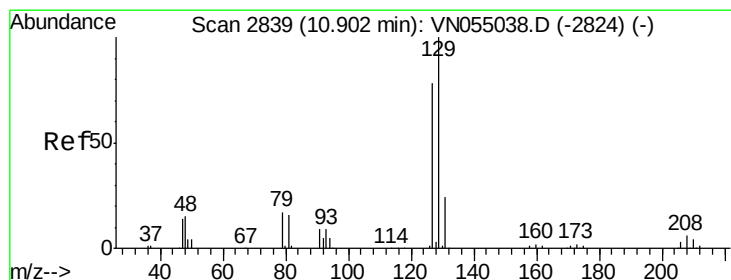
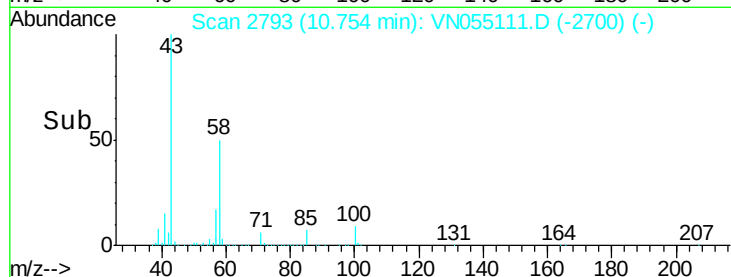
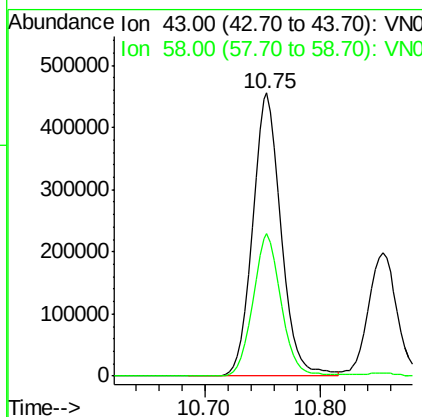
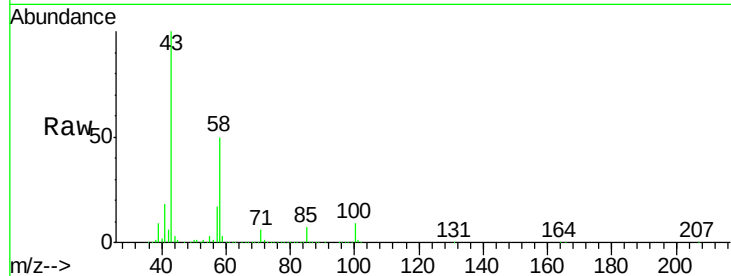




#59
2-Hexanone
Concen: 294.413 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

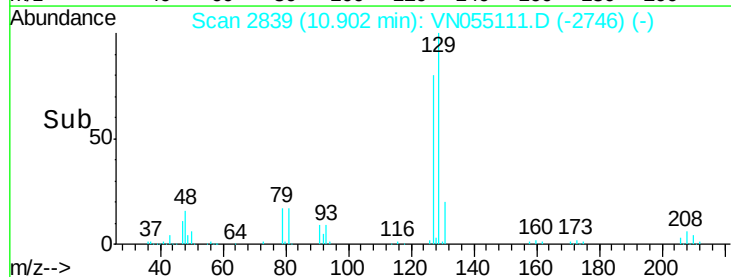
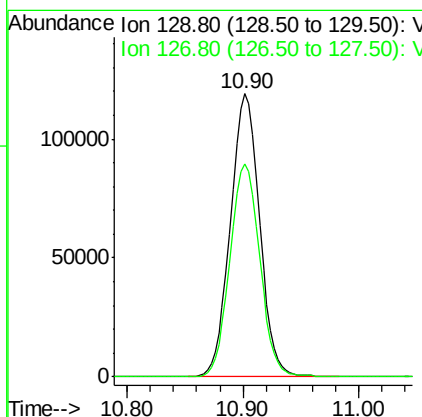
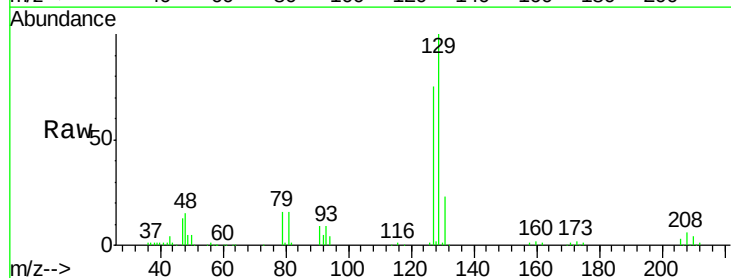
Instrument :
MSVOA_N
ClientSampleId :

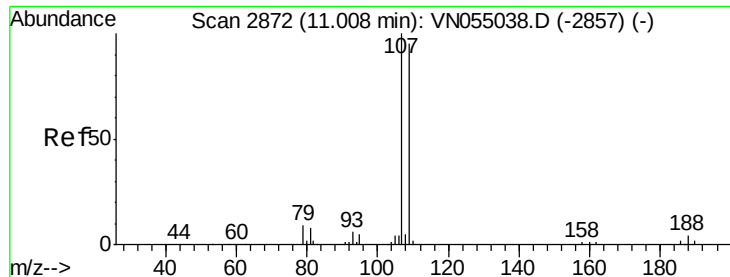
Tot Ion: 43 Resp: 777325
Ion Ratio Lower Upper
43 100
58 50.1 25.1 75.2



#60
Dibromochloromethane
Concen: 55.080 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 129 Resp: 207475
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6

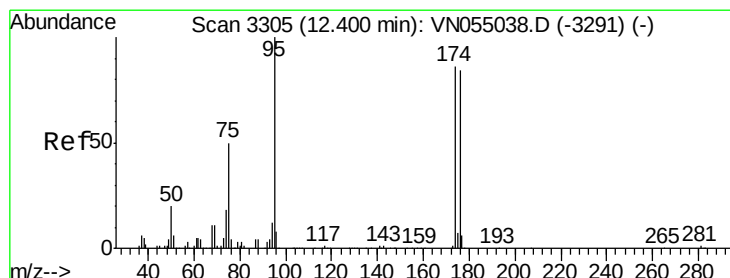
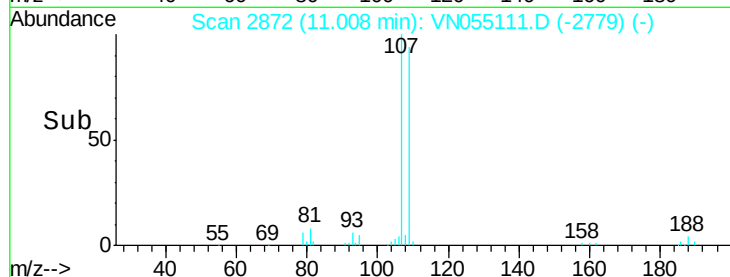
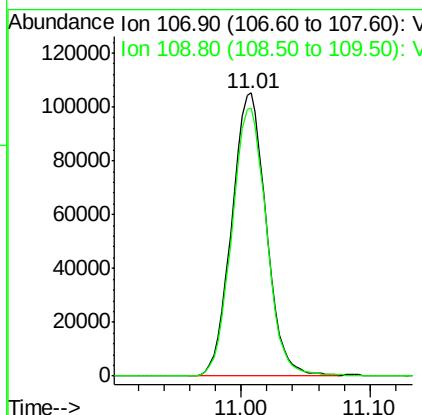
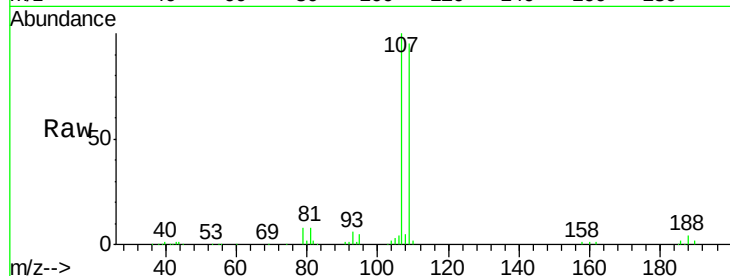




#61
 1,2-Dibromoethane
 Concen: 54.961 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

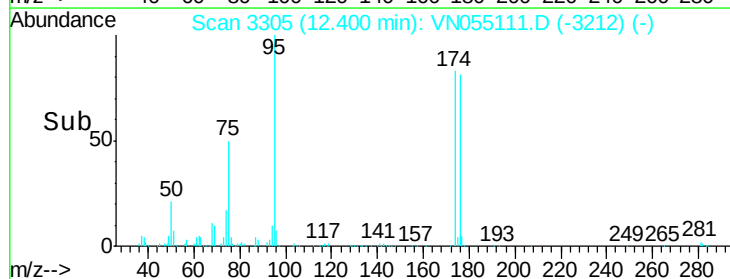
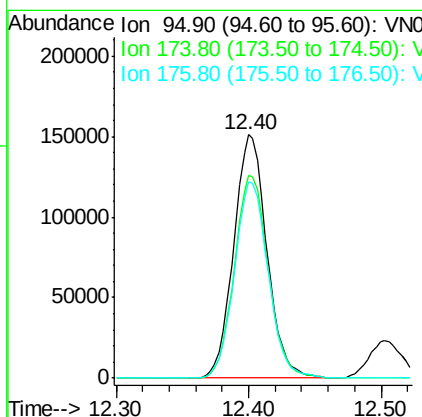
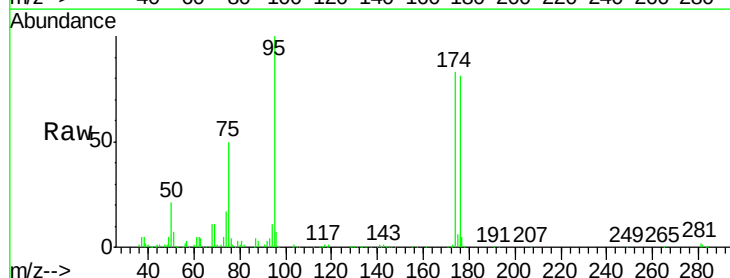
Instrument :
 MSVOA_N
 ClientSampled :

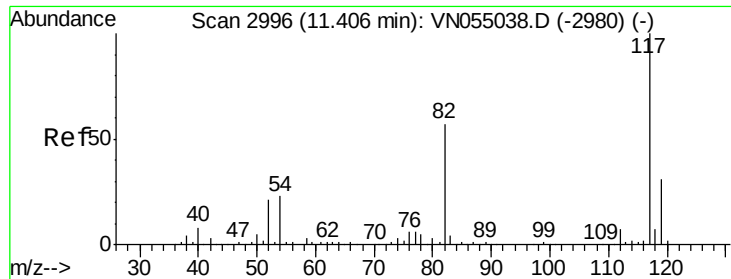
Tot Ion: 107 Resp: 195138
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 54.890 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion: 95 Resp: 262628
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 174.4
 176 82.2 0.0 166.8

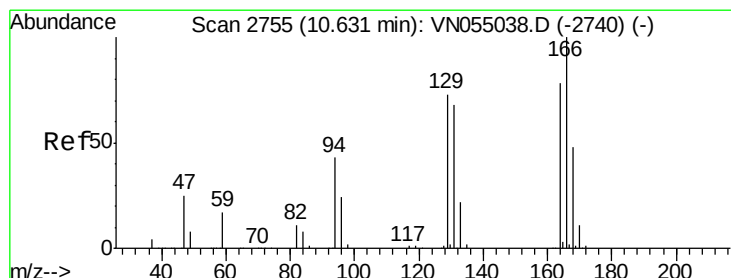
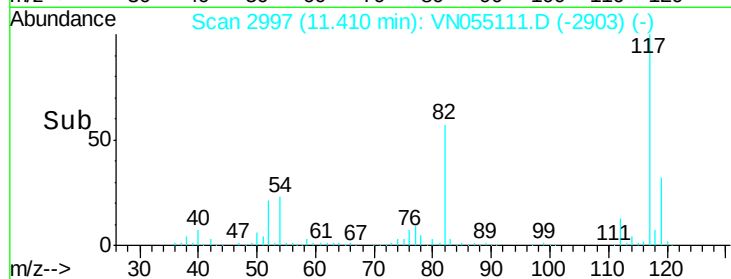
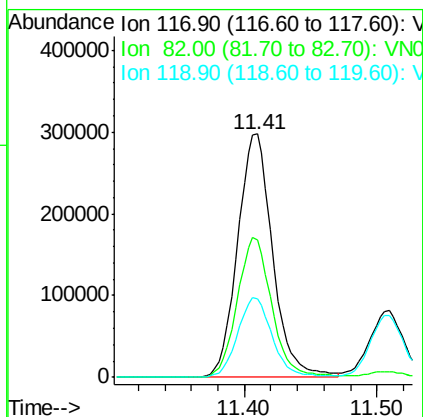
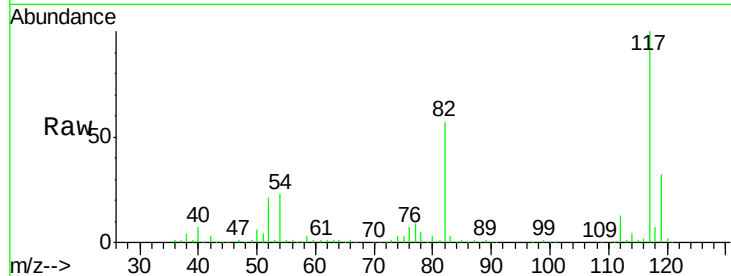




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

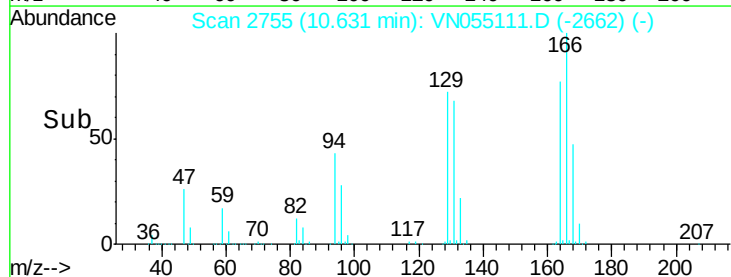
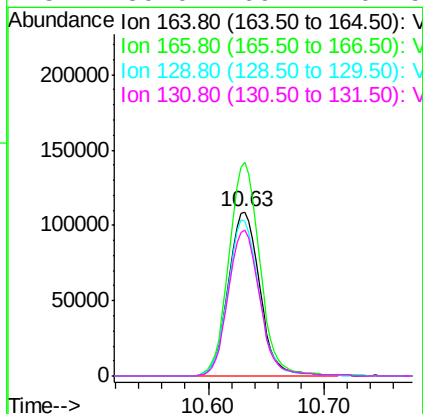
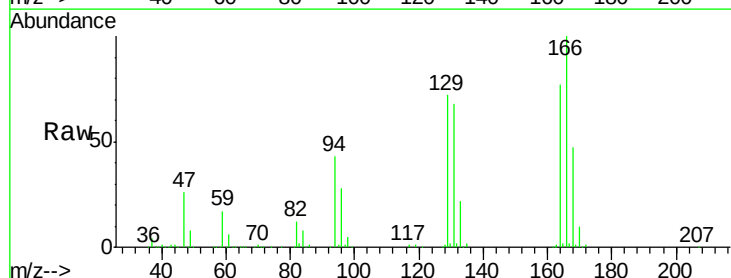
Instrument :
MSVOA_N
ClientSampleId :

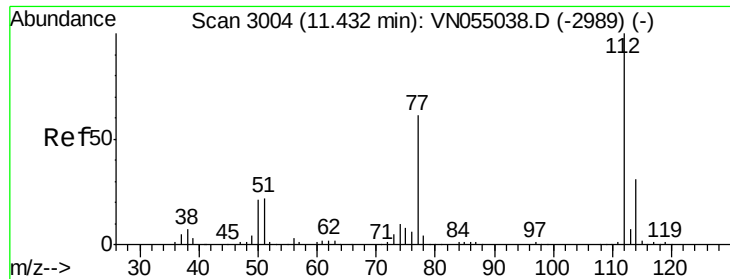
Tot Ion:117 Resp: 547279
Ion Ratio Lower Upper
117 100
82 56.6 44.6 66.8
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 45.999 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion:164 Resp: 204709
Ion Ratio Lower Upper
164 100
166 130.0 100.0 150.0
129 94.1 72.0 108.0
131 89.0 69.7 104.5

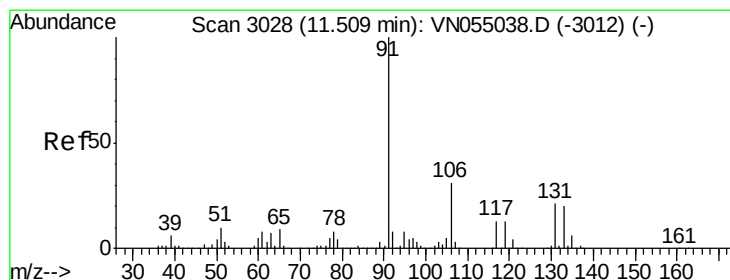
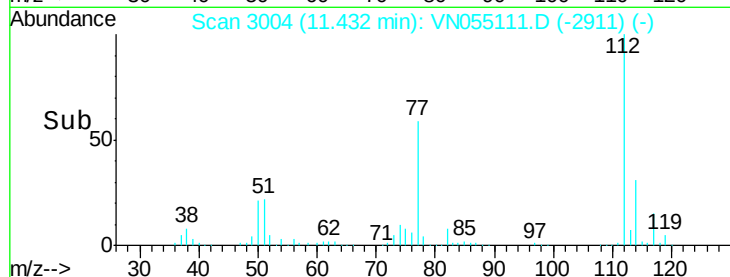
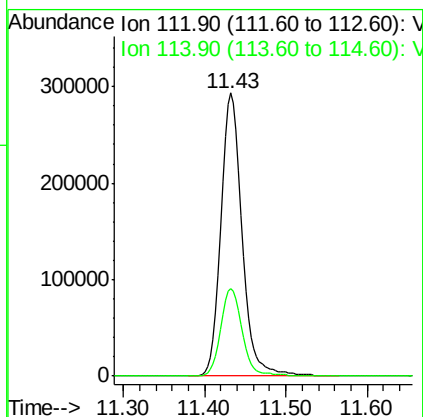
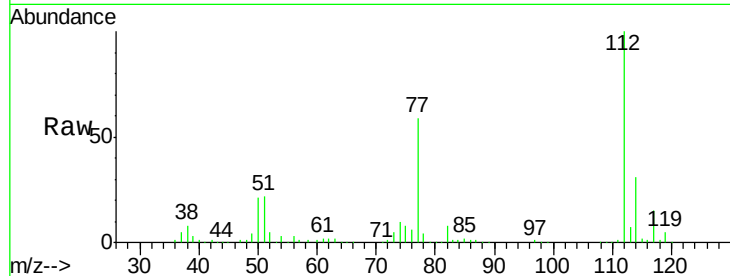




#65
Chlorobenzene
Concen: 49.162 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

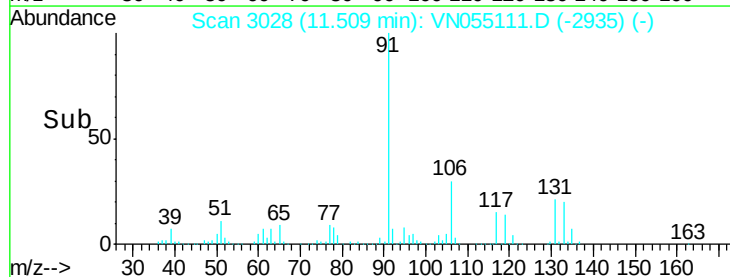
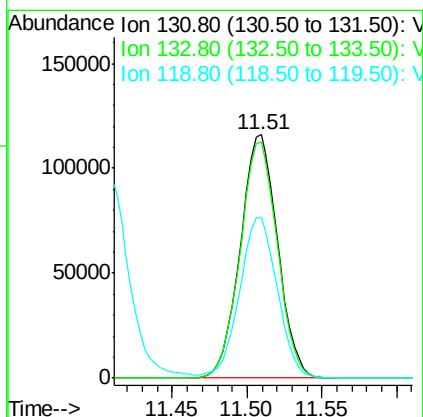
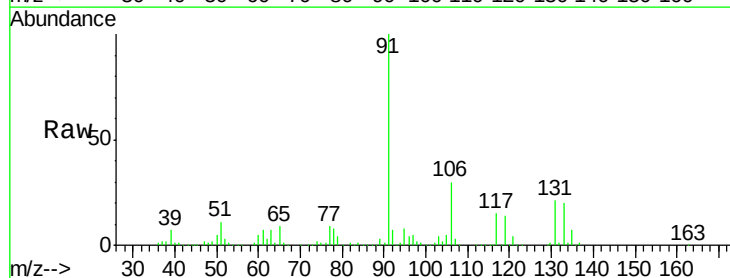
Instrument :
MSVOA_N
ClientSampleId :

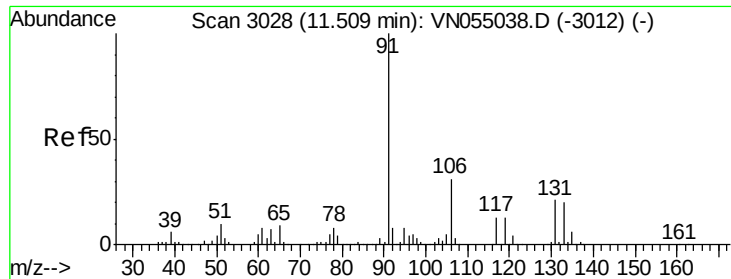
Tot Ion:112 Resp: 541580
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.790 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion:131 Resp: 201735
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.3
119 66.7 33.6 100.6

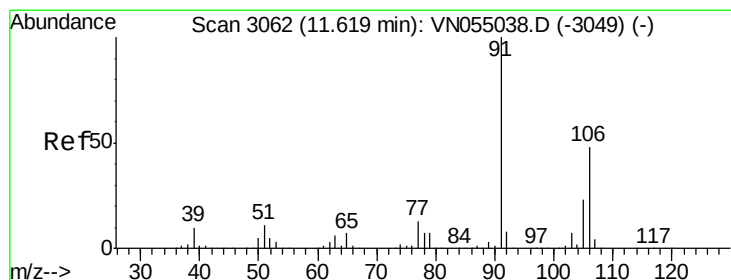
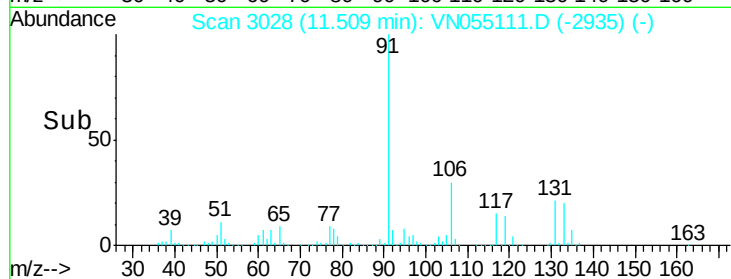
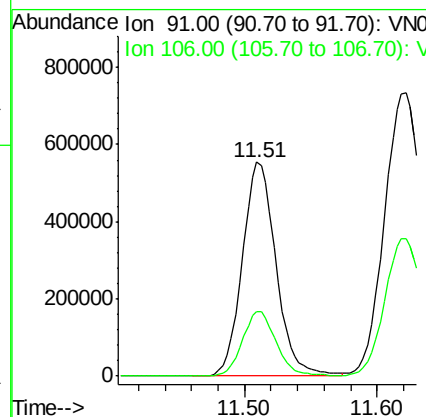
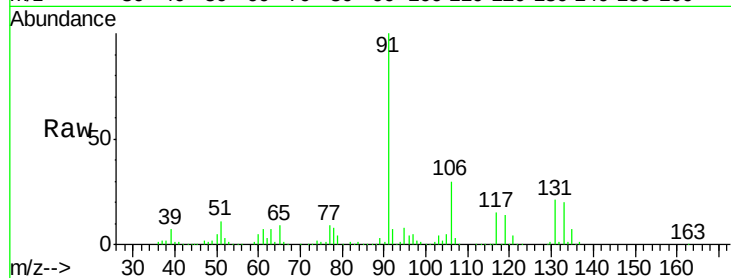




#67
Ethyl Benzene
Concen: 49.812 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

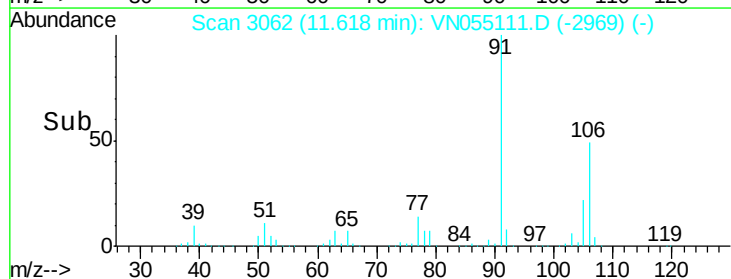
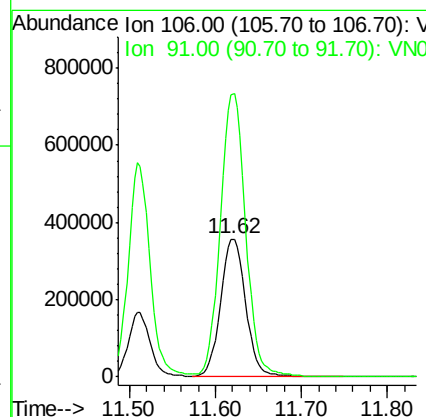
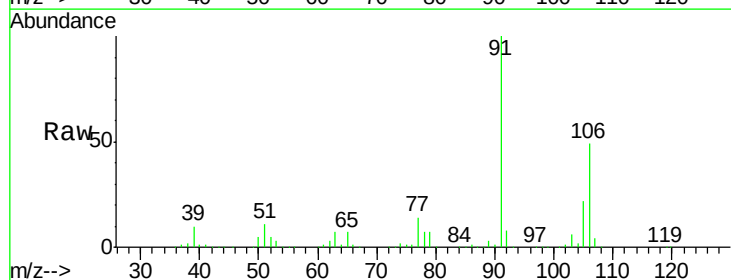
Instrument :
MSVOA_N
ClientSampled :

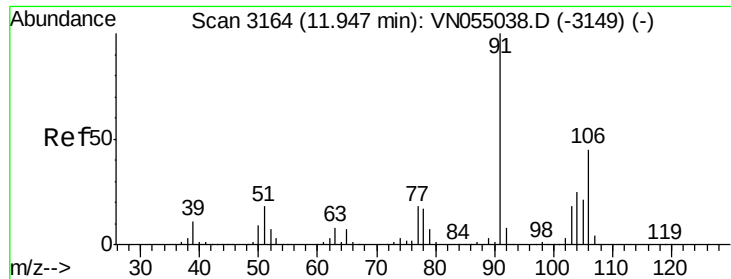
Tot Ion: 91 Resp: 979959
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 102.333 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 106 Resp: 729008
Ion Ratio Lower Upper
106 100
91 207.2 165.9 248.9

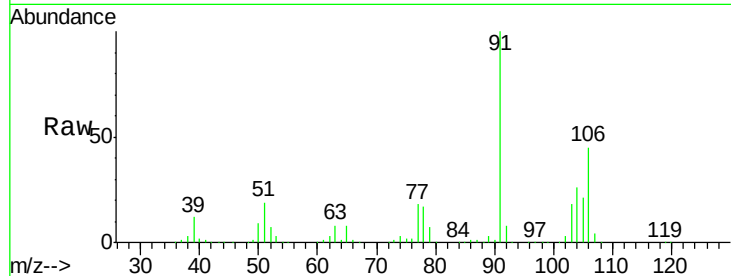




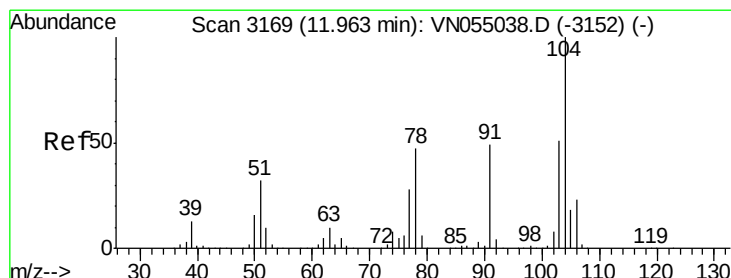
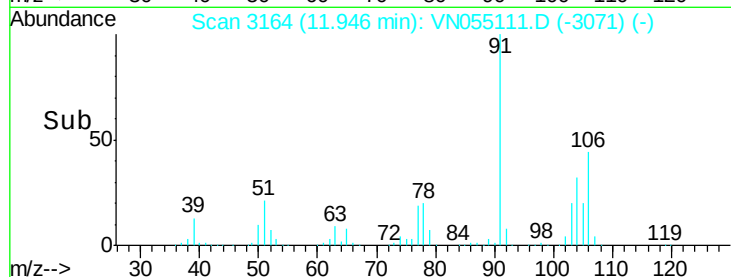
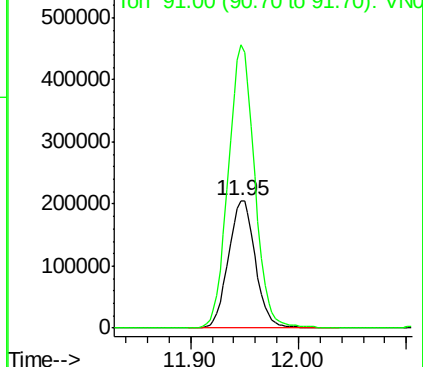
#69
o-Xylene
Concen: 52.100 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 359481
Ion Ratio Lower Upper
106 100
91 217.4 109.9 329.8

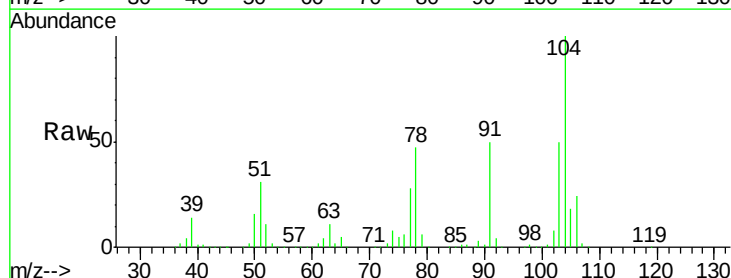


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

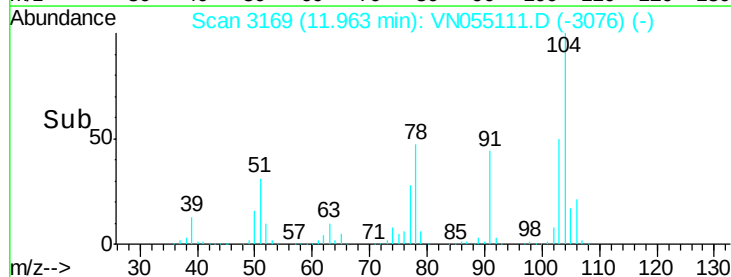
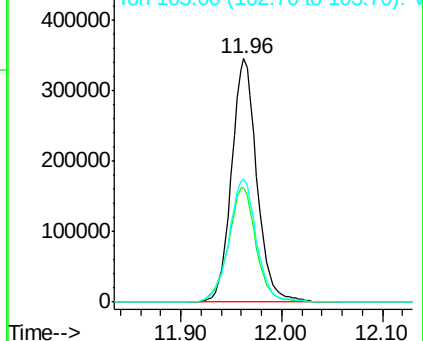


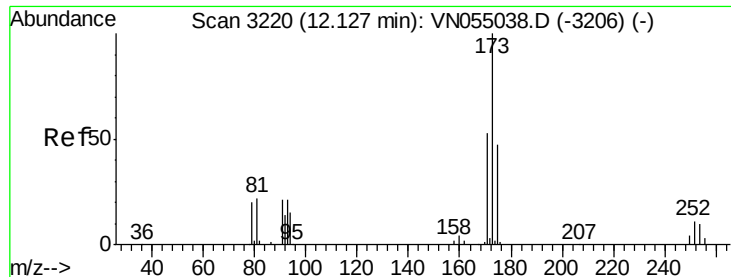
#70
Styrene
Concen: 53.909 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion:104 Resp: 602100
Ion Ratio Lower Upper
104 100
78 51.4 40.3 60.5
103 55.2 44.3 66.5



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

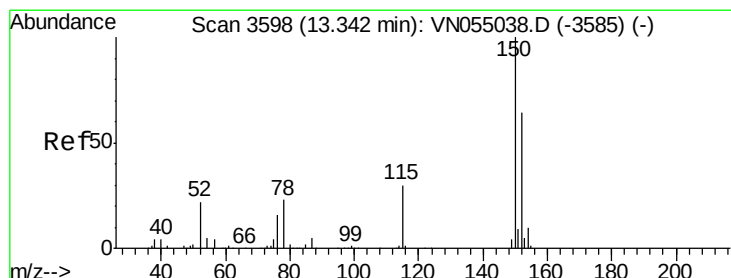
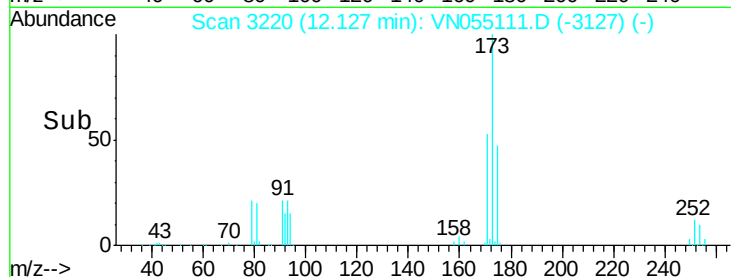
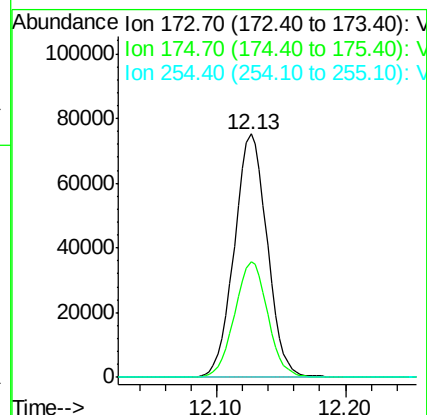
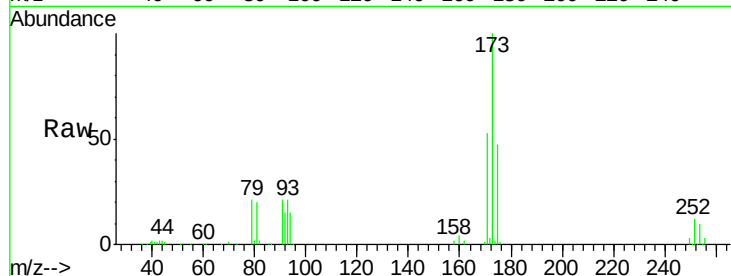




#71
Bromoform
Concen: 57.406 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

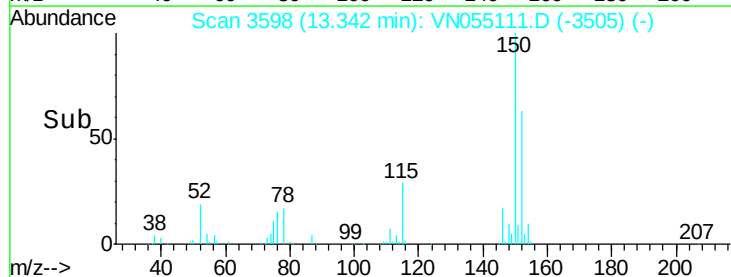
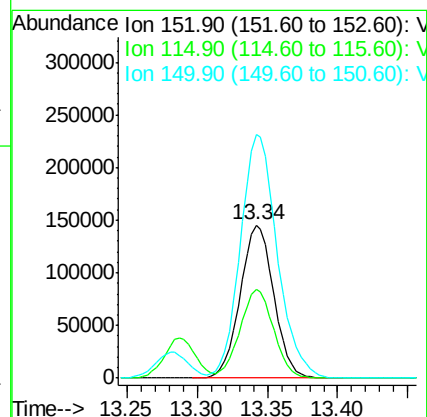
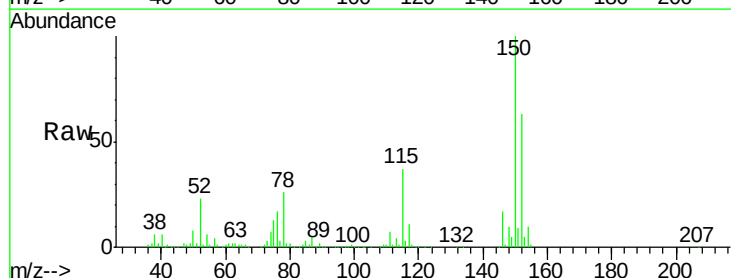
Instrument :
MSVOA_N
ClientSampled :

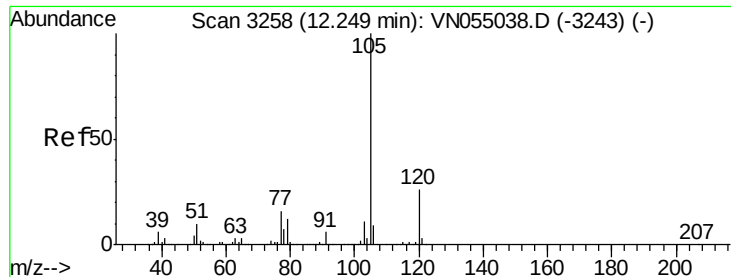
Tot Ion:173 Resp: 133318
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion:152 Resp: 241858
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.6
150 175.0 0.0 347.2





#73

Isopropylbenzene

Concen: 43.817 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

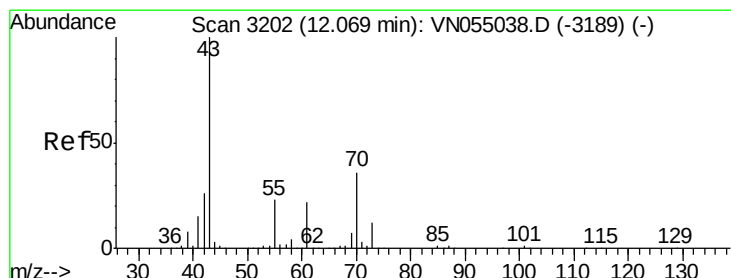
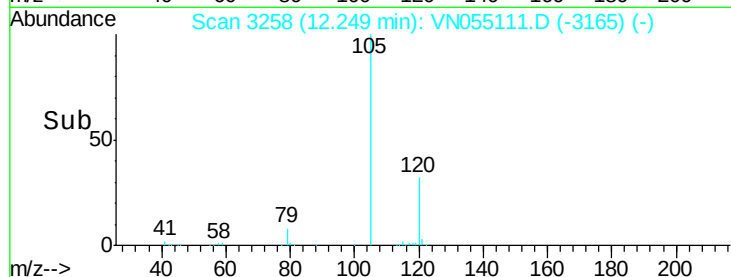
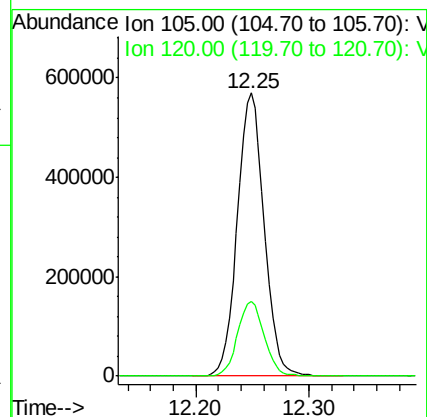
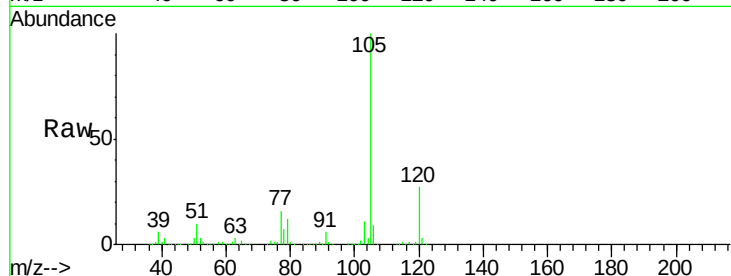
ClientSampleId :

Tot Ion:105 Resp: 940399

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 55.582 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Tgt Ion: 43 Resp: 335801

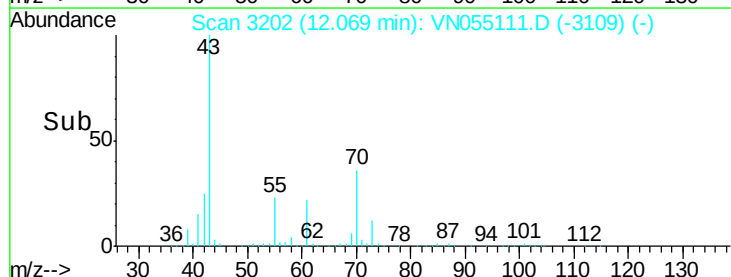
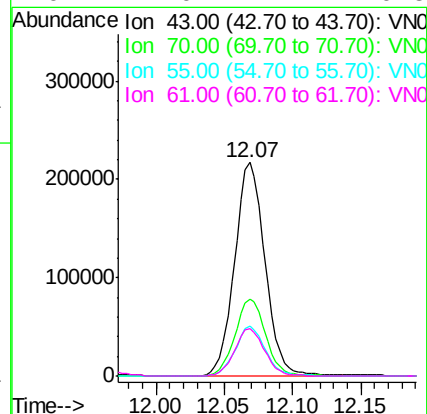
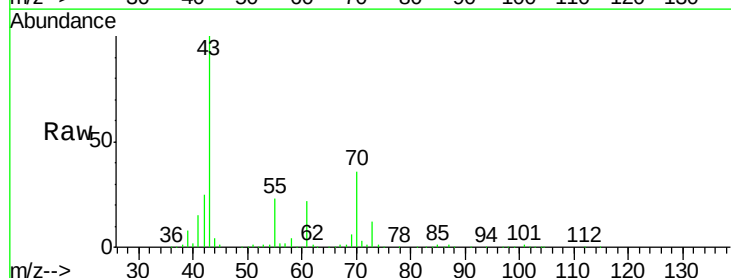
Ion Ratio Lower Upper

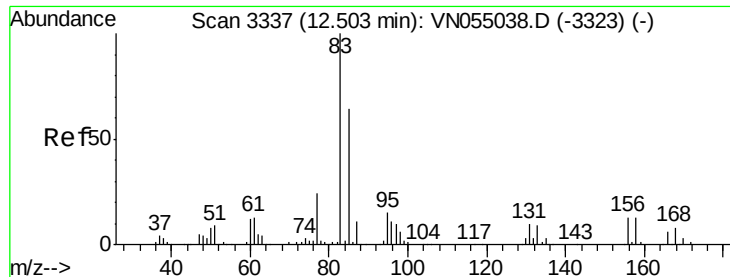
43 100

70 36.6 29.4 44.0

55 23.2 19.0 28.4

61 22.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.747 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

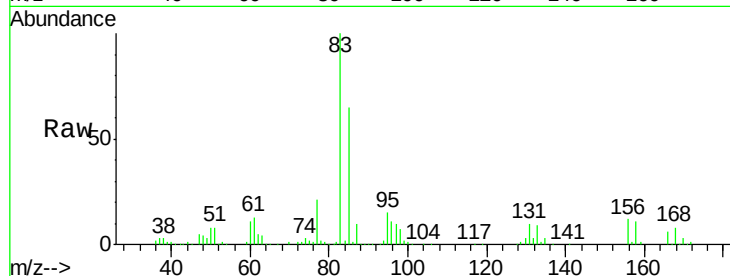
Tot Ion: 83 Resp: 268460

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

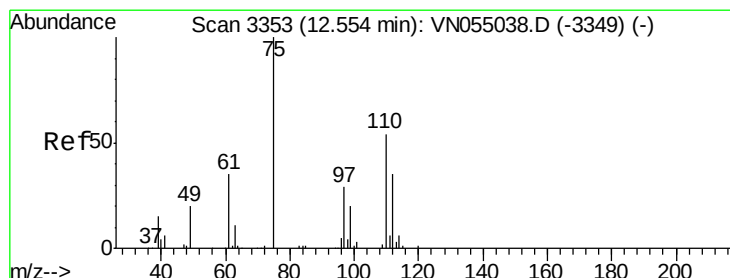
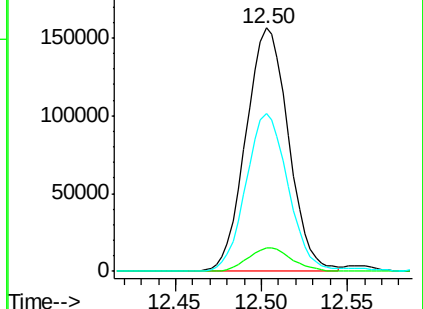
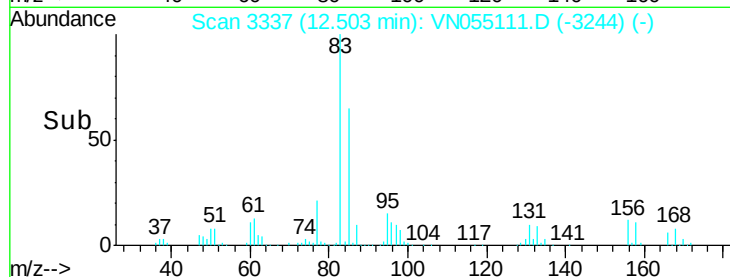
85 64.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN055111.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN055111.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN055111.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 70.869 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055111.D

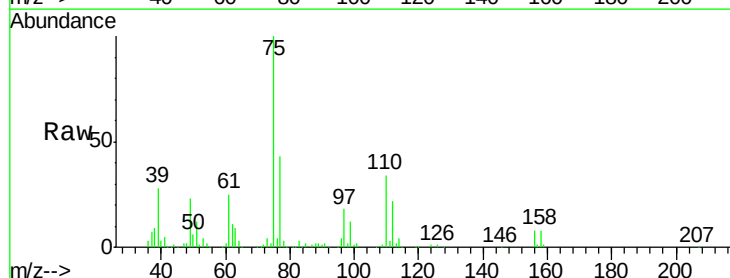
Acq: 17 Apr 2019 17:29

Tgt Ion: 75 Resp: 308224

Ion Ratio Lower Upper

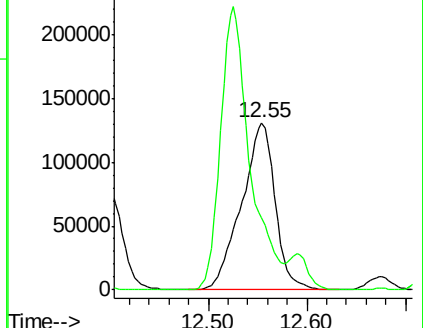
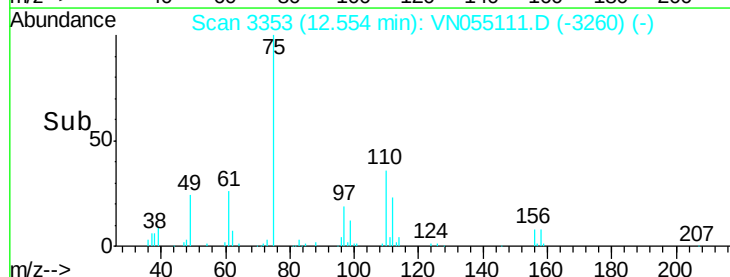
75 100

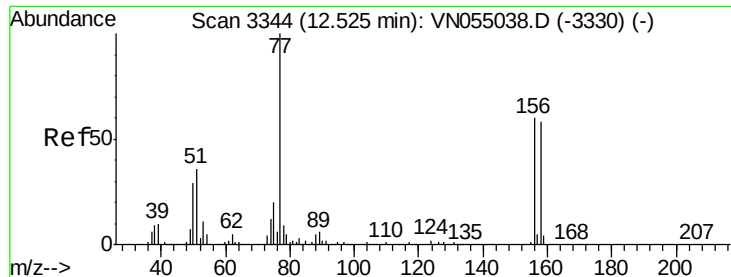
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055111.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055111.D (-3260) (-)





#77

Bromobenzene

Concen: 44.469 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

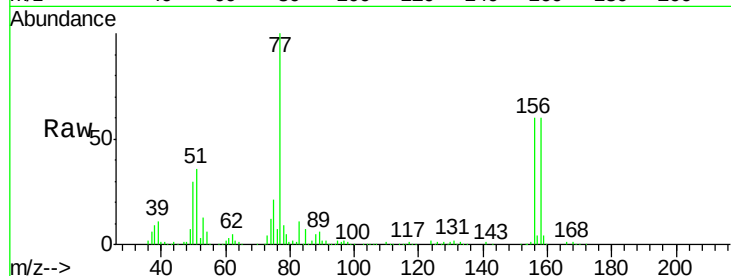
Tot Ion:156 Resp: 237935

Ion Ratio Lower Upper

156 100

77 195.3 97.2 291.5

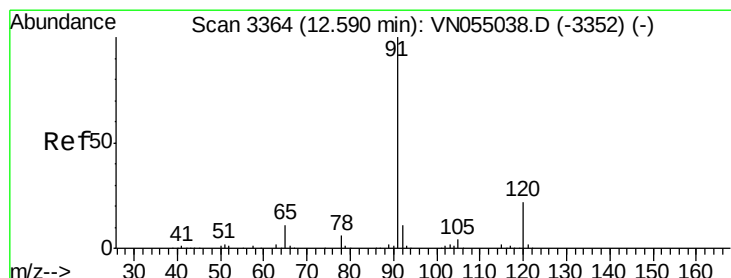
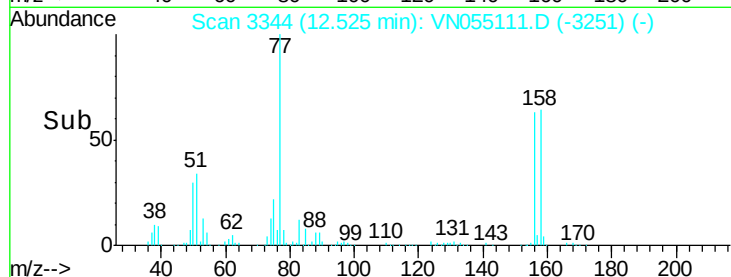
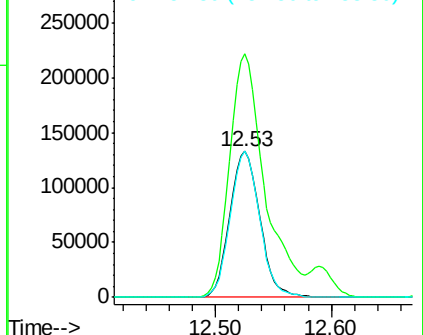
158 97.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.463 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055111.D

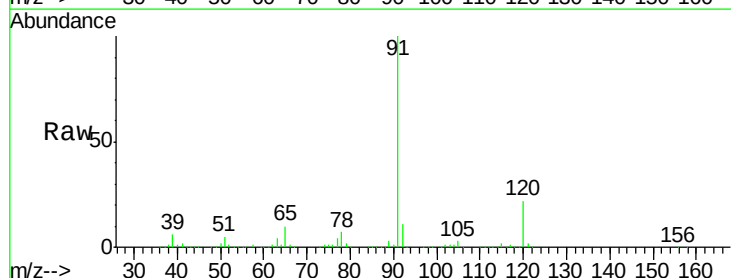
Acq: 17 Apr 2019 17:29

Tgt Ion: 91 Resp: 1054188

Ion Ratio Lower Upper

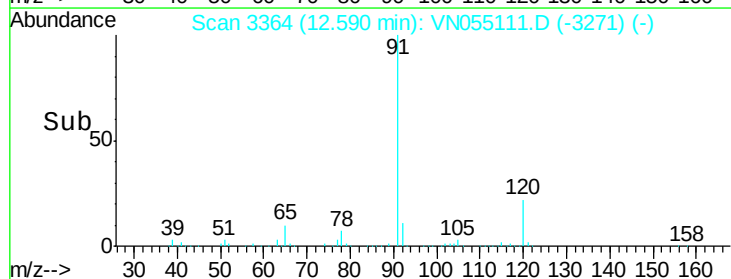
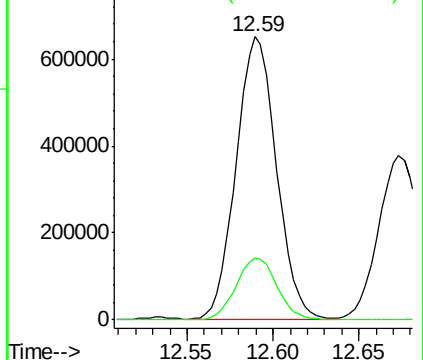
91 100

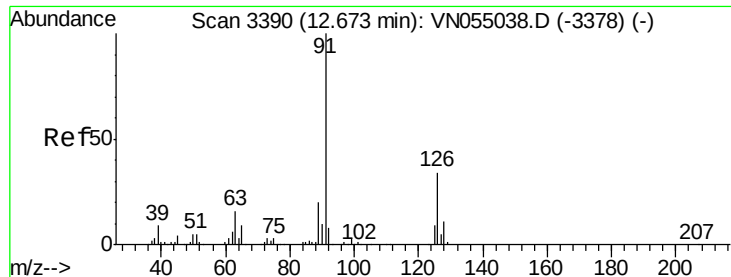
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.578 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

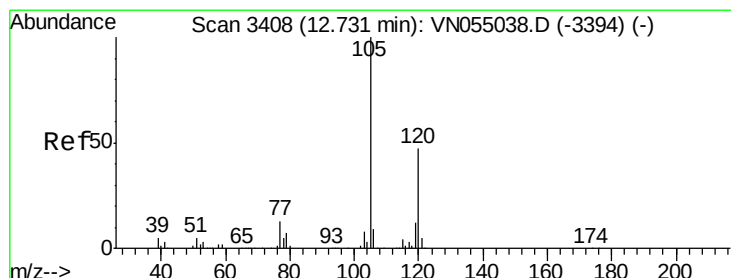
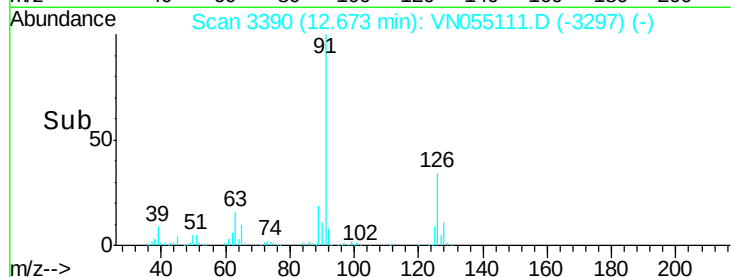
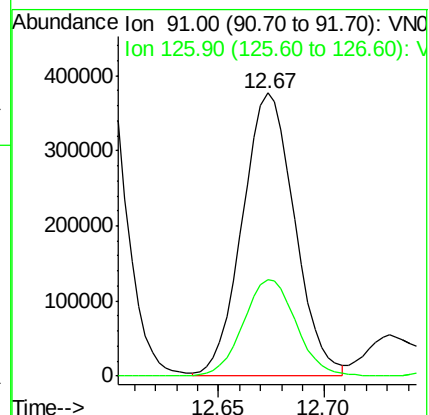
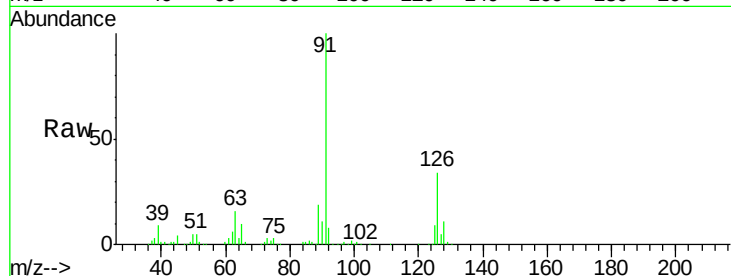
ClientSampled :

Tot Ion: 91 Resp: 644730

Ion Ratio Lower Upper

91 100

126 34.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 45.810 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055111.D

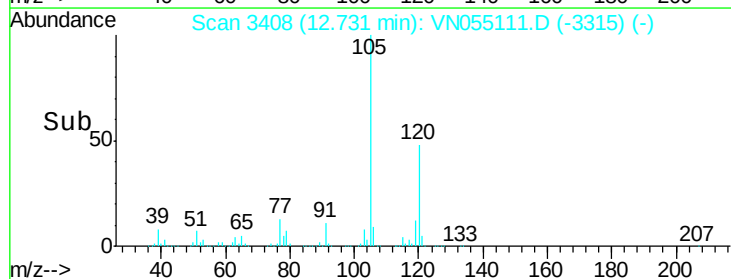
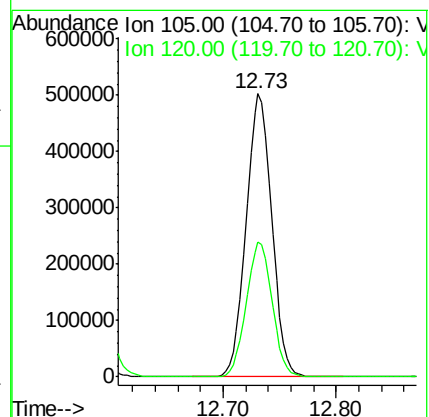
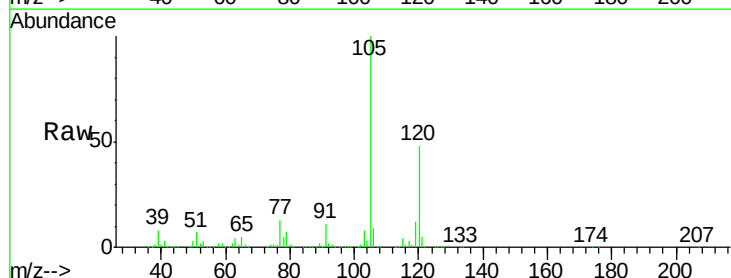
Acq: 17 Apr 2019 17:29

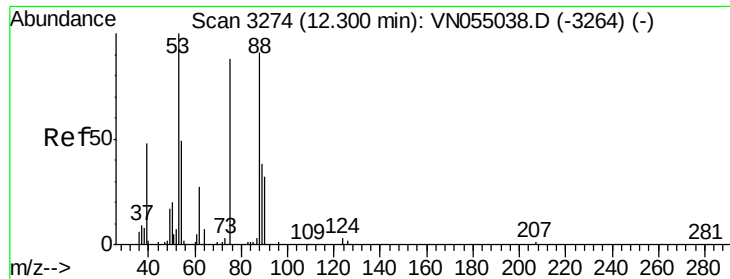
Tgt Ion:105 Resp: 793403

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8

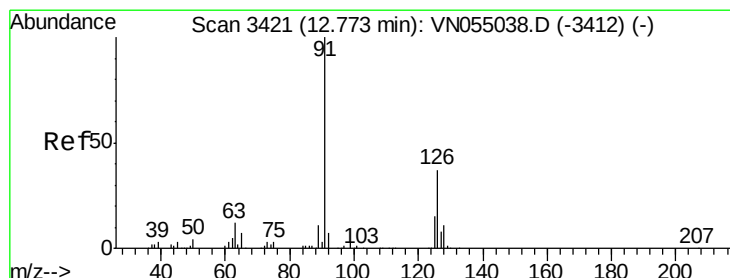
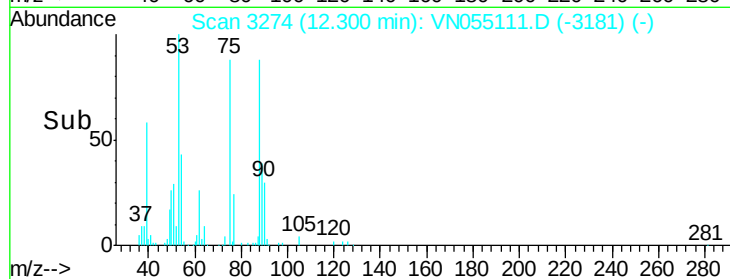
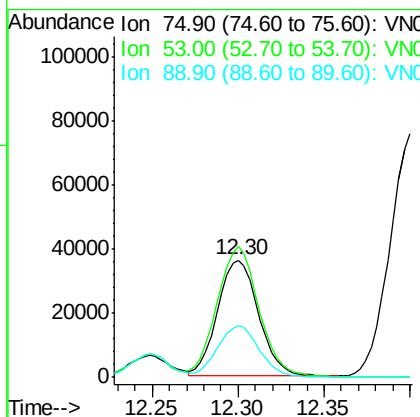
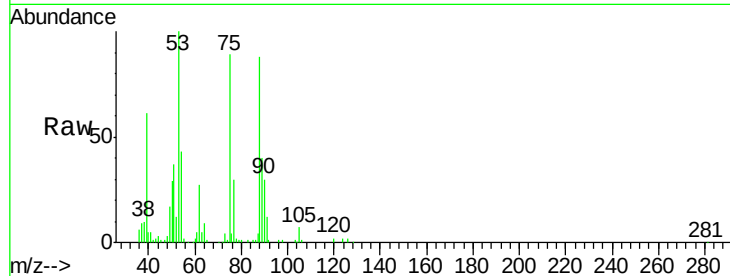




#81
trans-1,4-Dichloro-2-butene
Concen: 55.087 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

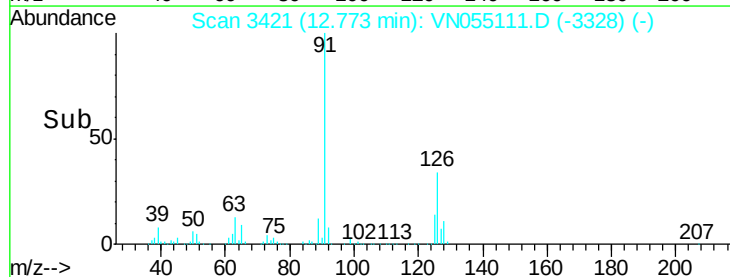
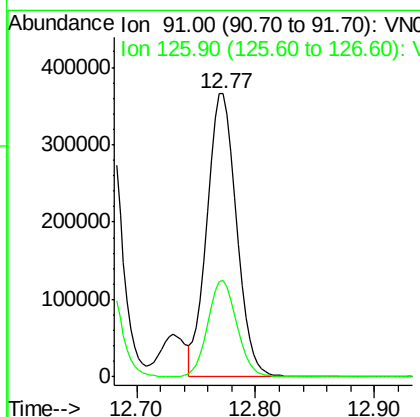
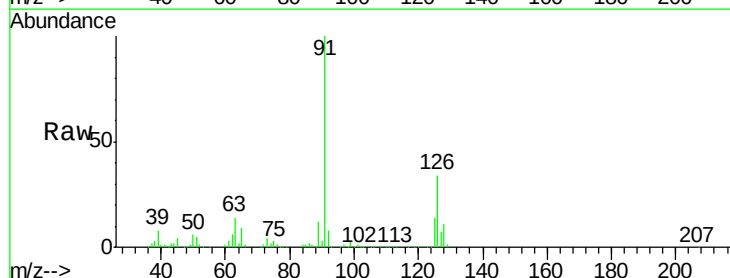
Instrument :
MSVOA_N
ClientSampled :

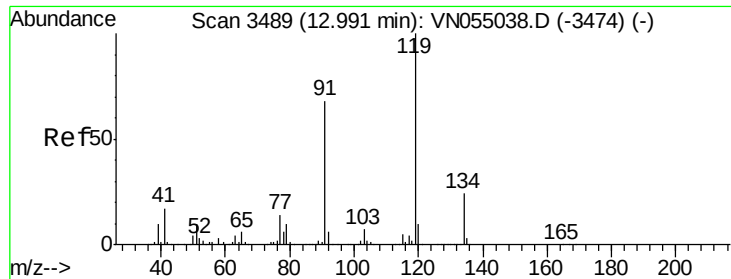
Tot Ion: 75 Resp: 59913
Ion Ratio Lower Upper
75 100
53 116.1 96.3 144.5
89 46.1 38.6 57.8



#82
4-Chlorotoluene
Concen: 46.734 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 91 Resp: 630613
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.2

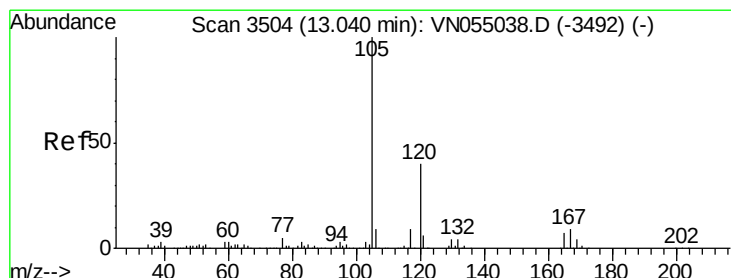
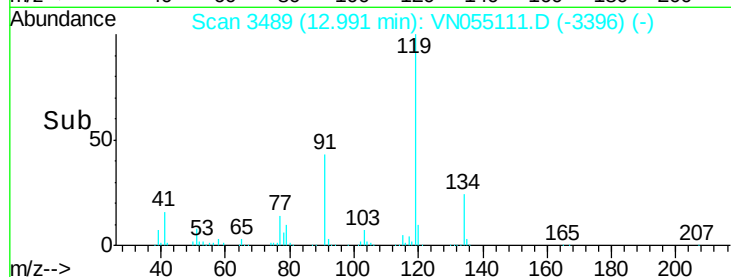
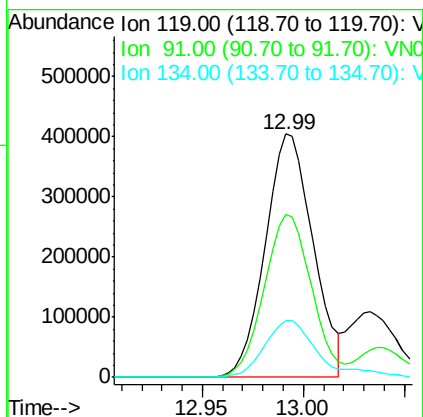
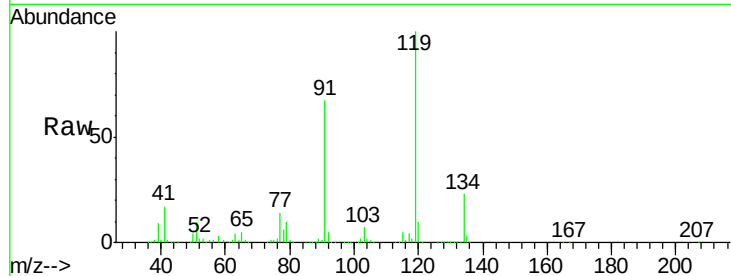




#83
 tert-Butylbenzene
 Concen: 45.523 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

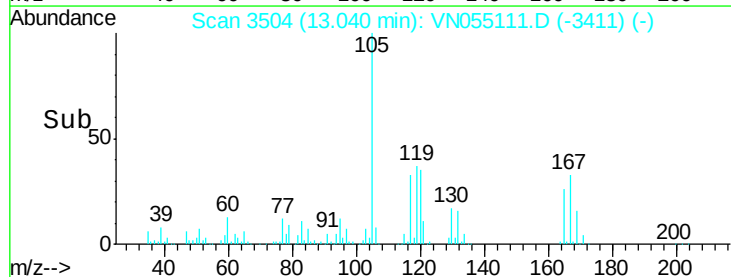
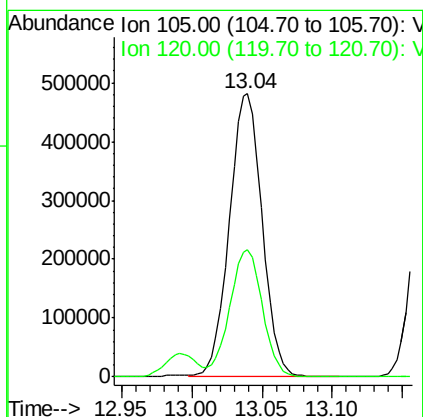
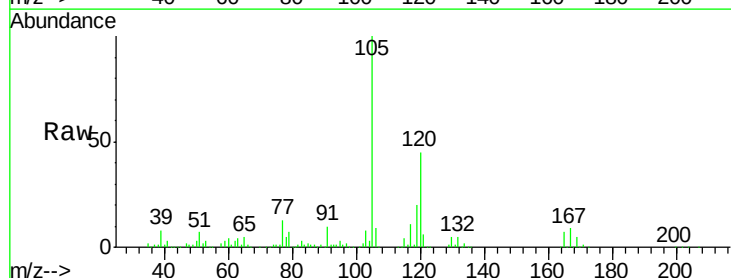
Instrument :
 MSVOA_N
 ClientSampled :

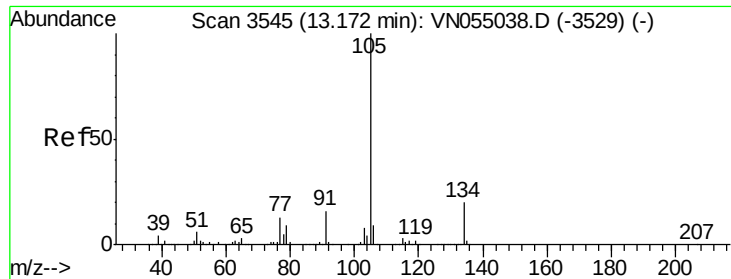
Tot Ion:119 Resp: 665858
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.3 99.8
 134 26.4 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 47.633 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion:105 Resp: 781829
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 46.474 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

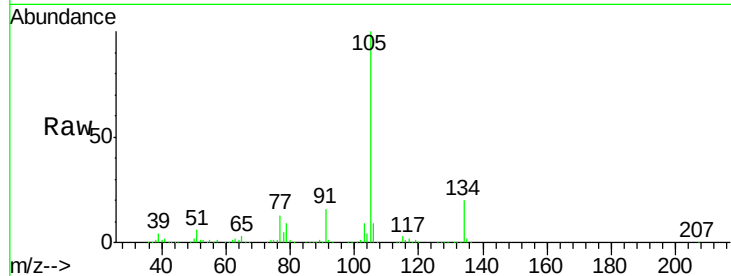
ClientSampled :

Tot Ion:105 Resp: 866181

Ion Ratio Lower Upper

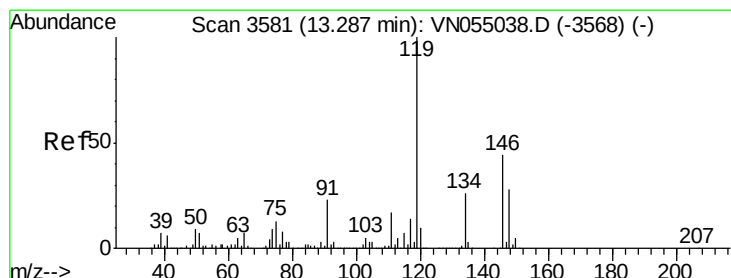
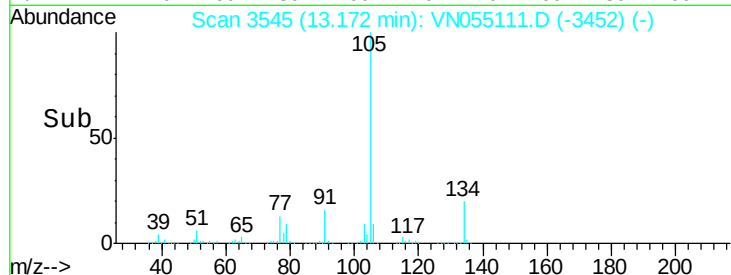
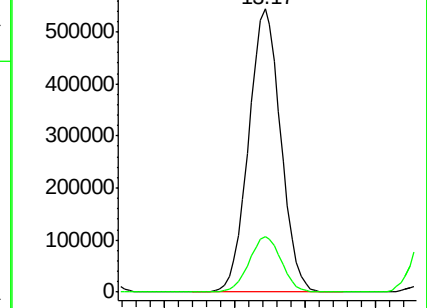
105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.573 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

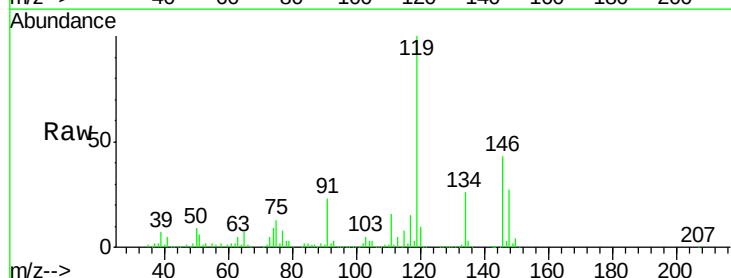
Tgt Ion:119 Resp: 760701

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

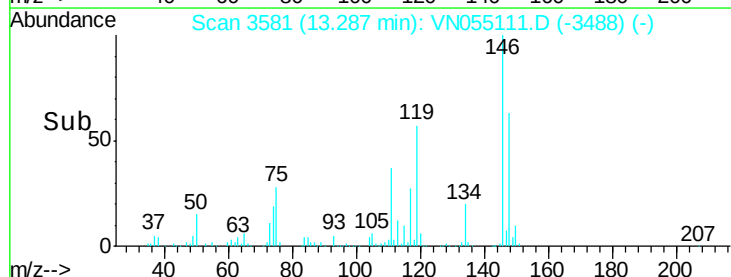
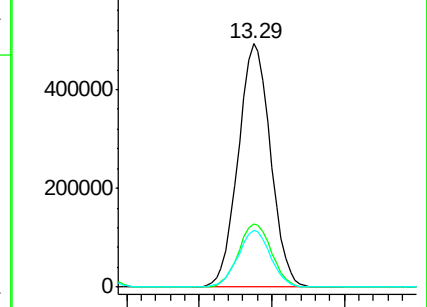
91 23.5 11.7 35.1

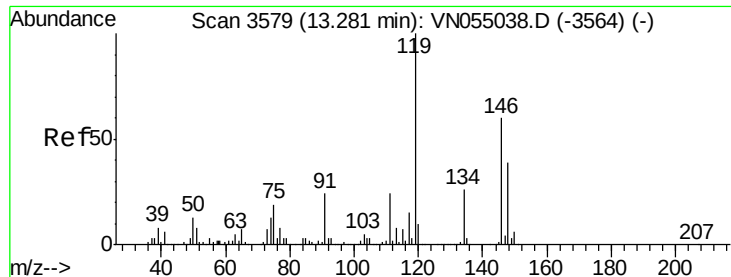


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

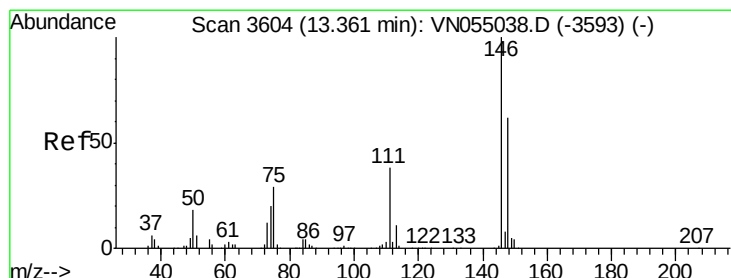
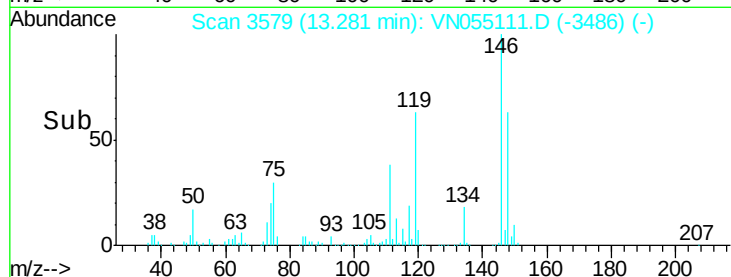
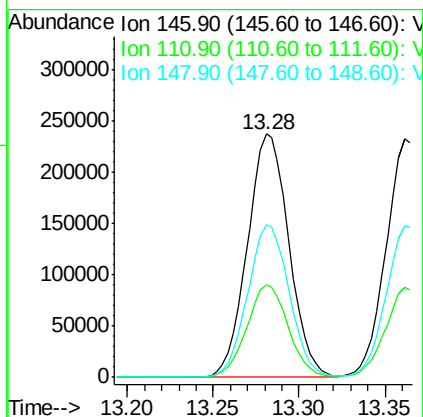
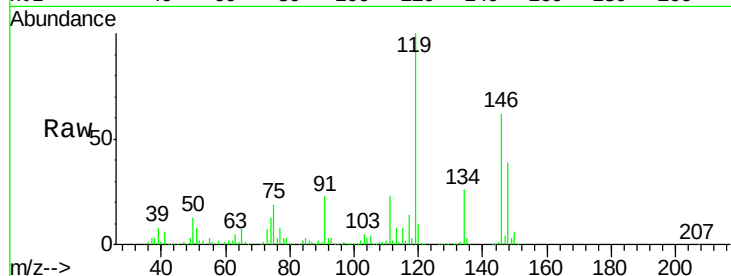




#87
 1,3-Dichlorobenzene
 Concen: 48.877 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

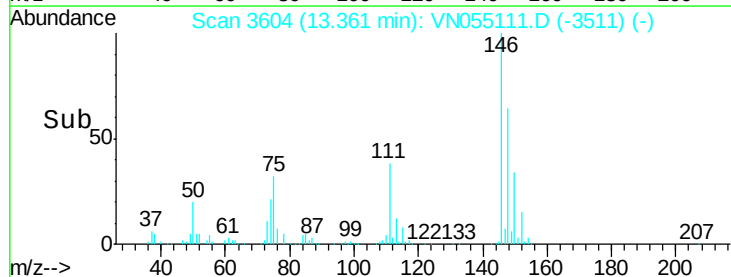
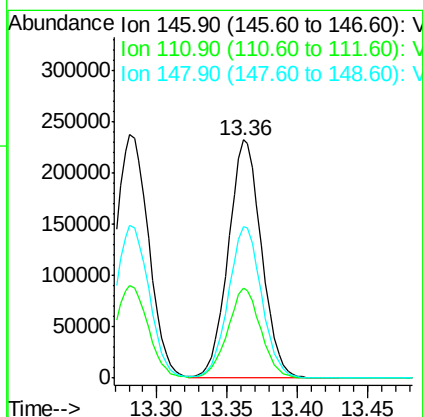
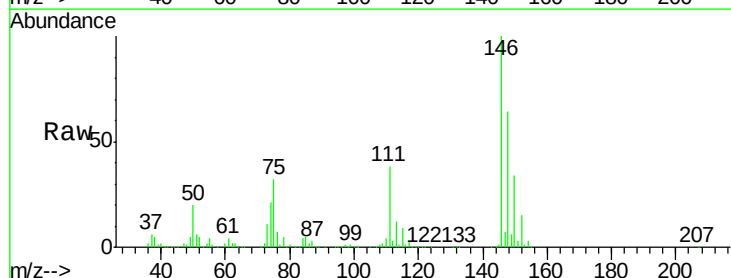
Instrument :
 MSVOA_N
 ClientSampled :

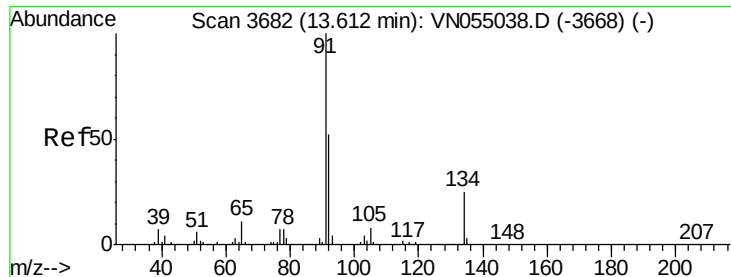
Tot Ion:146 Resp: 397502
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.5 58.5
 148 62.9 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 49.437 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion:146 Resp: 383399
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.4
 148 63.8 32.4 97.2

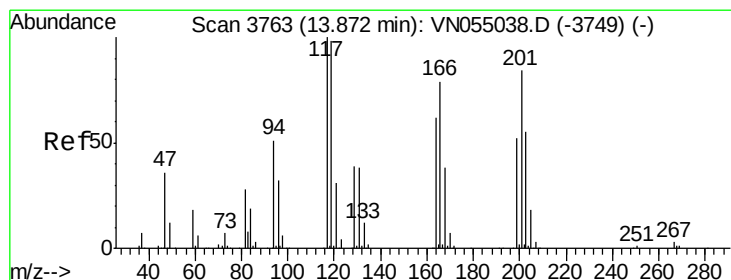
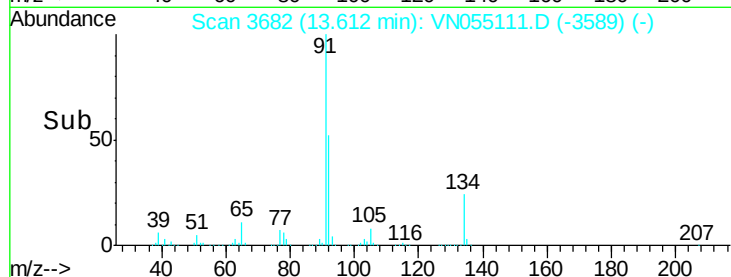
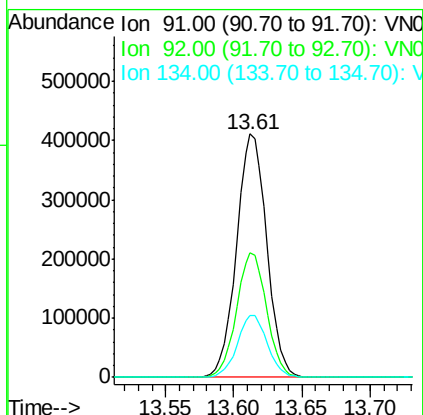
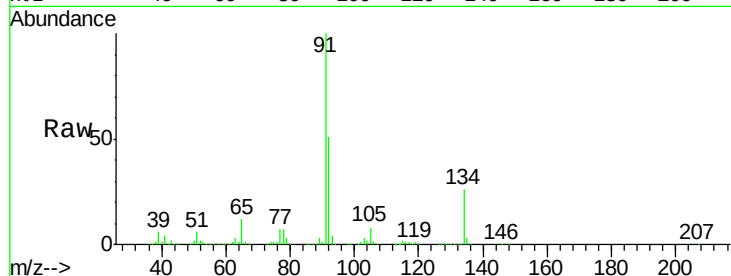




#89
n-Butylbenzene
Concen: 53.120 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

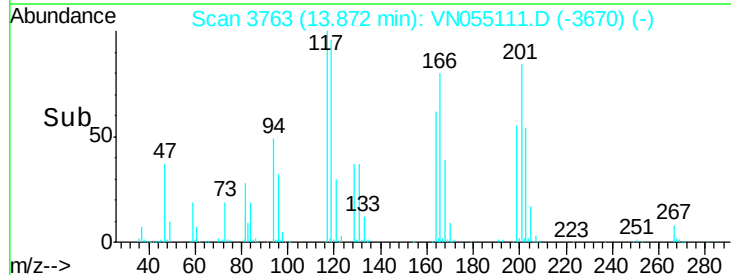
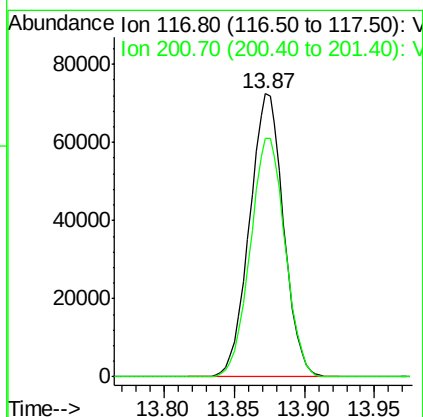
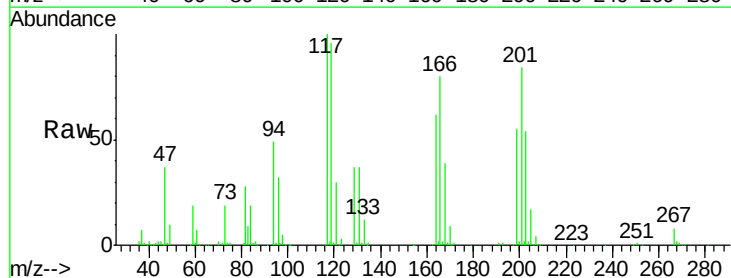
Instrument :
MSVOA_N
ClientSampled :

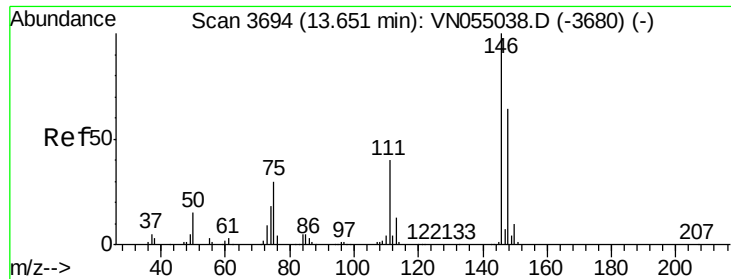
Tot Ion: 91 Resp: 630550
Ion Ratio Lower Upper
91 100
92 51.0 25.9 77.7
134 25.2 12.8 38.3



#90
Hexachloroethane
Concen: 46.990 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055111.D
Acq: 17 Apr 2019 17:29

Tgt Ion: 117 Resp: 122257
Ion Ratio Lower Upper
117 100
201 86.1 43.4 130.2

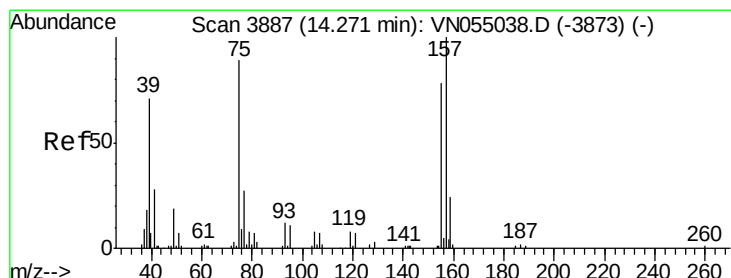
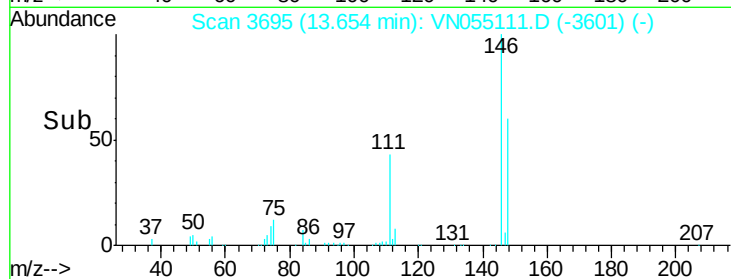
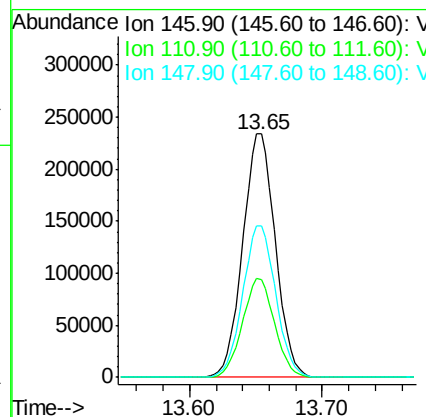
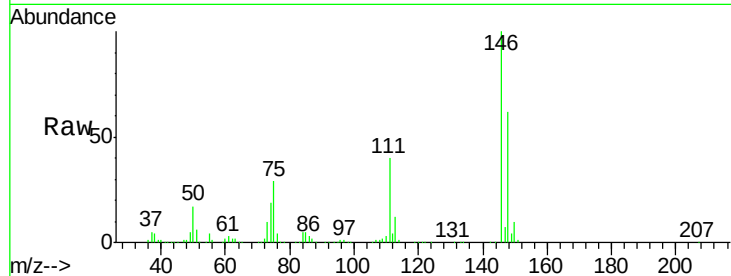




#91
 1,2-Dichlorobenzene
 Concen: 48.747 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

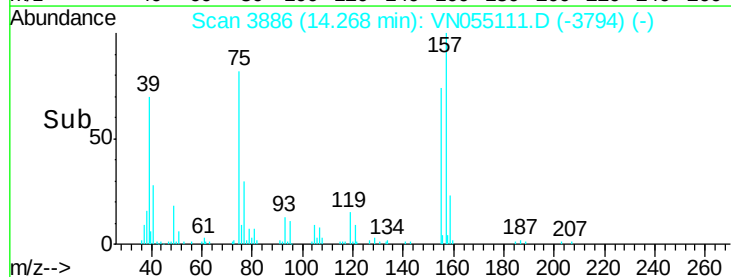
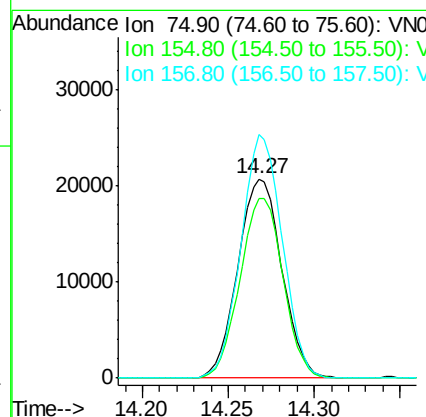
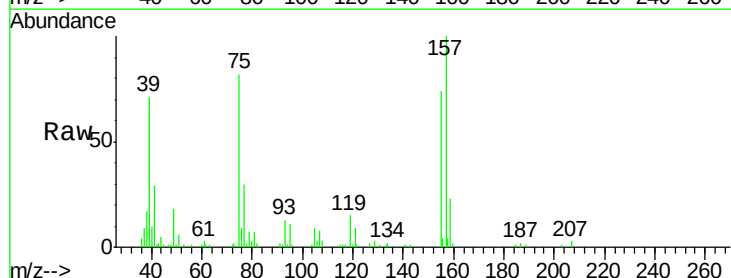
Instrument :
 MSVOA_N
 ClientSampled :

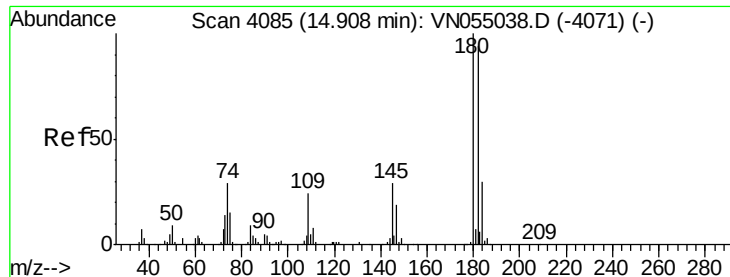
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.9
148	62.9	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.000 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	42.0	126.0
157	114.8	52.1	156.4

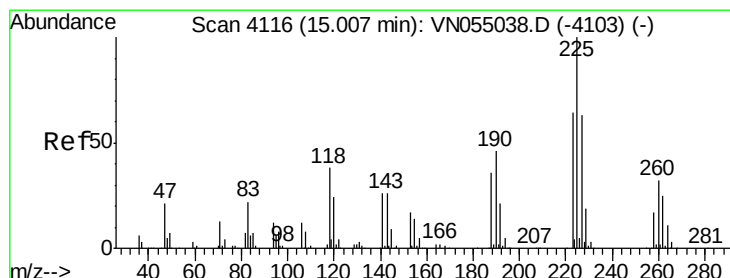
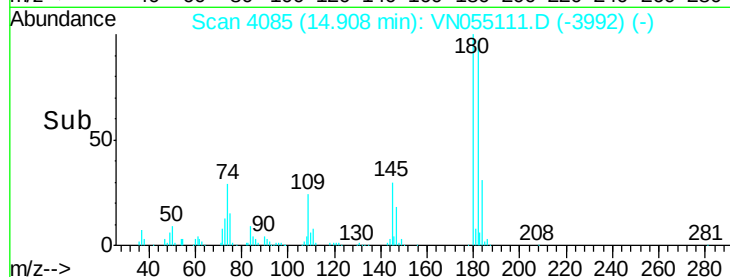
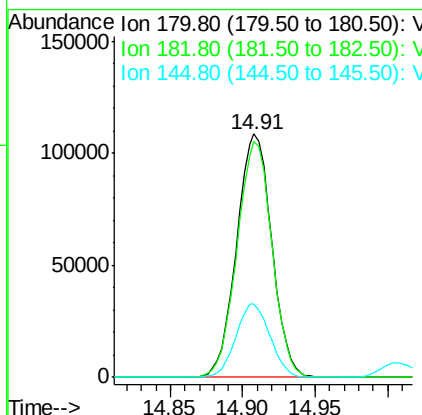
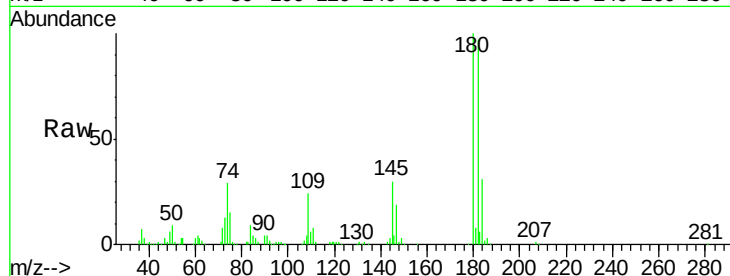




#93
 1,2,4-Trichlorobenzene
 Concen: 49.280 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

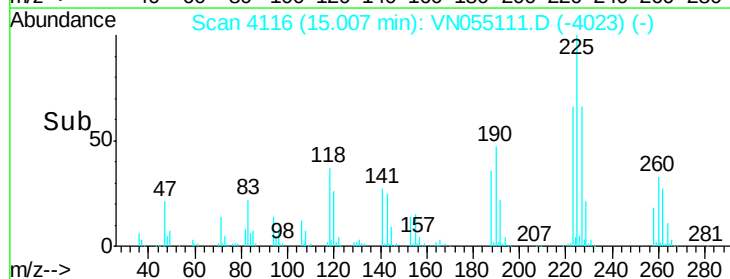
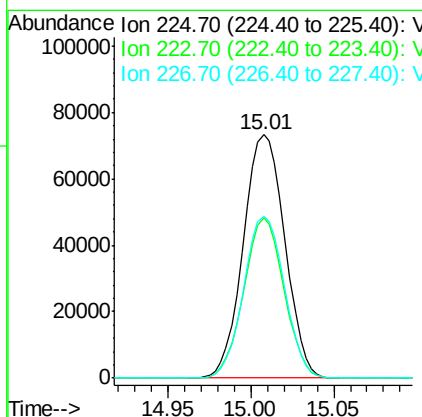
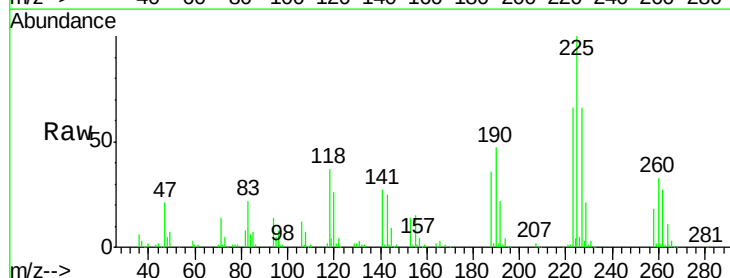
Instrument :
 MSVOA_N
 ClientSampleId :

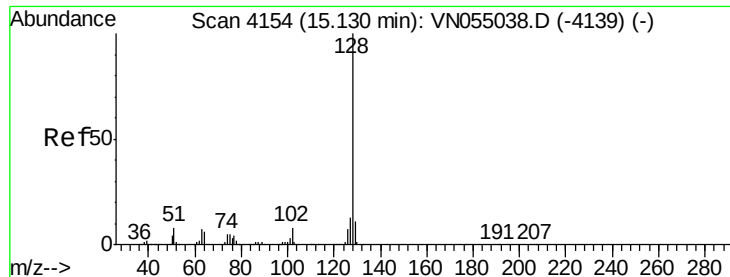
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	29.3	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 50.458 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN055111.D
 Acq: 17 Apr 2019 17:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.4	94.0
227	65.3	32.6	97.7





#95

Naphthalene

Concen: 47.887 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

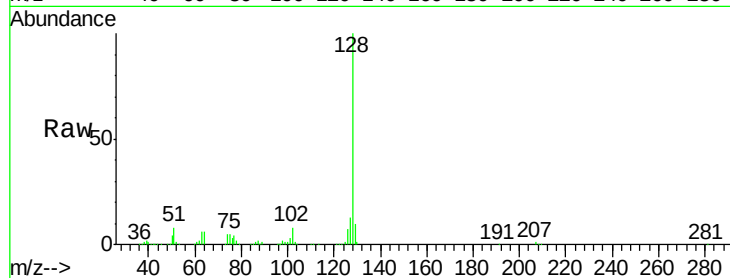
Tot Ion:128 Resp: 414329

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

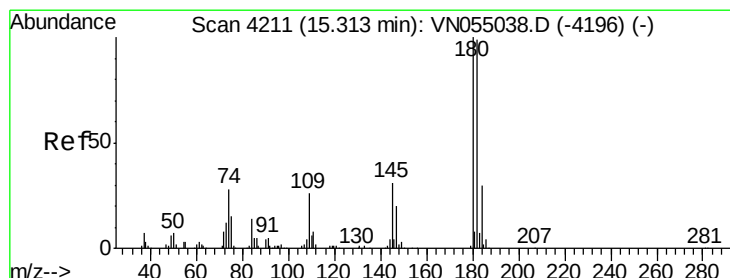
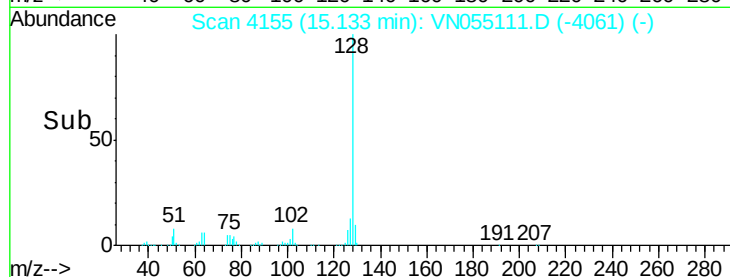
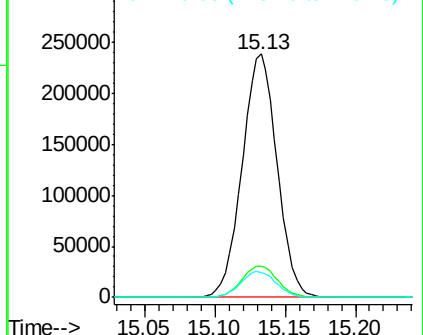
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 59.544 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055111.D

Acq: 17 Apr 2019 17:29

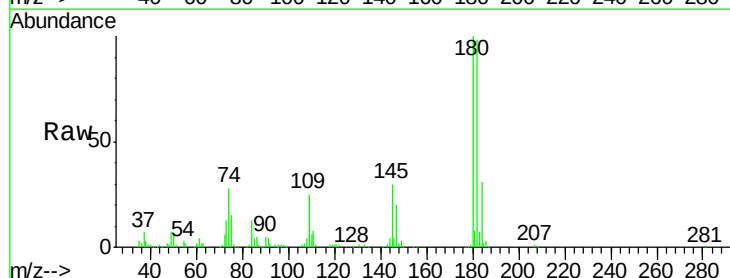
Tgt Ion:180 Resp: 187961

Ion Ratio Lower Upper

180 100

182 97.0 48.0 144.0

145 30.8 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

