

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056099.D
 Acq On : 7 Jun 2019 14:56
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 05:06:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	51311	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	275604	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	242890	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	97324	30.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.80%
60) 4-Bromofluorobenzene	12.40	95	105886	29.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.03%
63) Toluene-d8	10.09	98	332416	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	67206	23.287	ug/l 99
3) Chloromethane	2.06	50	74640	22.136	ug/l 99
4) Vinyl Chloride	2.18	62	74542	21.682	ug/l 98
5) Bromomethane	2.54	94	45798	21.197	ug/l 98
6) Chloroethane	2.69	64	42011	21.604	ug/l 95
7) Trichlorofluoromethane	3.01	101	89281	20.990	ug/l 98
8) Diethyl Ether	3.40	74	37040	20.532	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	55666	21.201	ug/l 100
10) 1,1-Dichloroethene	3.72	96	56444	21.074	ug/l 96
11) Methyl Iodide	3.94	142	80759	19.111	ug/l 99
12) Methyl Acetate	4.33	43	68338	21.232	ug/l 99
13) Acrolein	3.60	56	17058	108.735	ug/l 96
14) Acrylonitrile	4.99	53	156125	108.773	ug/l 99
15) Acetone	3.82	58	46239	98.387	ug/l 99
16) Carbon Disulfide	4.04	76	123325	19.351	ug/l 99
17) Allyl chloride	4.31	41	85811	20.678	ug/l 99
18) Methylene Chloride	4.54	84	66848	21.558	ug/l 97
19) trans-1,2-Dichloroethene	5.03	96	59745	20.897	ug/l 95
20) Diisopropyl ether	5.95	45	184187	21.422	ug/l 97
21) 1,1-Dichloroethane	5.84	63	106556	21.325	ug/l 100
22) cis-1,2-Dichloroethene	6.82	96	69934	20.957	ug/l 99
23) tert-Butyl Alcohol	4.82	59	52680	94.292	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	178813	20.948	ug/l 99
25) Chloroform	7.37	83	106391	21.323	ug/l 99
26) Cyclohexane	7.65	56	97874	21.113	ug/l # 98
29) 1,1-Dichloropropene	7.79	75	78274	20.996	ug/l 99
30) 2-Butanone	6.84	43	208020	105.992	ug/l 100
31) 2,2-Dichloropropane	6.82	77	69097	19.924	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	85330	20.717	ug/l 99
33) Carbon Tetrachloride	7.77	117	71228	20.411	ug/l 98
34) Benzene	8.04	78	256294	21.577	ug/l 99
35) Methacrylonitrile	7.18	41	40741	24.583	ug/l 97
36) 1,2-Dichloroethane	8.12	62	80267	21.573	ug/l 99
37) Trichloroethene	8.83	130	70844	21.314	ug/l 99
38) Methylcyclohexane	9.08	83	99927	21.143	ug/l 99
39) 1,2-Dichloropropane	9.12	63	66486	21.855	ug/l 95
40) Dibromomethane	9.21	93	43008	21.322	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	73502	20.350	ug/l #	98
42) Vinyl Acetate	5.90	43	753100	107.632	ug/l	99
43) Ethyl Acetate	6.93	43	82049	21.844	ug/l	94
44) Isopropyl Acetate	8.17	43	123247	21.133	ug/l	99
45) 1,4-Dioxane	9.20	88	25283	405.262	ug/l	96
46) Methyl methacrylate	9.20	41	61415	21.198	ug/l	99
47) n-amyl Acetate	12.07	43	98703	20.465	ug/l	95
48) t-1,3-Dichloropropene	10.38	75	72549	19.086	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	89713	20.156	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	64102	21.396	ug/l	99
51) Ethyl methacrylate	10.43	69	93194	20.561	ug/l	99
52) 1,3-Dichloropropane	10.71	76	104904	21.598	ug/l	99
53) Dibromochloromethane	10.90	129	59200	20.186	ug/l	99
54) 1,2-Dibromoethane	11.00	107	65443	20.933	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	159964	100.756	ug/l	99
56) Bromoform	12.13	173	39458	18.598	ug/l #	99
58) 4-Methyl-2-Pentanone	9.99	43	400102	108.784	ug/l	99
59) 2-Hexanone	10.75	43	279102	106.170	ug/l	99
61) Tetrachloroethene	10.63	164	73572	21.734	ug/l	97
62) Toluene	10.16	91	278414	21.233	ug/l	99
64) Chlorobenzene	11.43	112	167077	21.007	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	58469	20.387	ug/l	99
66) Ethyl Benzene	11.51	91	294090	21.058	ug/l	100
67) m/p-Xylenes	11.62	106	225491	42.183	ug/l	99
68) o-Xylene	11.95	106	111346	21.277	ug/l	100
69) Styrene	11.96	104	175008	20.583	ug/l	99
70) Isopropylbenzene	12.25	105	293731	21.482	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	88276	21.414	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	99748	27.951	ug/l	71
73) Bromobenzene	12.53	156	76564	21.096	ug/l	100
74) n-propylbenzene	12.59	91	306105	21.214	ug/l	98
75) 2-Chlorotoluene	12.67	91	189881	21.216	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	238759	21.229	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	17801	17.481	ug/l	93
78) 4-Chlorotoluene	12.77	91	171790	20.553	ug/l	100
79) tert-butylbenzene	12.99	119	213591	21.435	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	229070	20.937	ug/l	100
81) sec-Butylbenzene	13.17	105	266065	21.107	ug/l	100
82) p-Isopropyltoluene	13.29	119	238615	20.937	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	115449	20.412	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	105085	19.505	ug/l	99
85) n-Butylbenzene	13.61	91	167185	19.655	ug/l	99
86) Hexachloroethane	13.87	117	33388	18.792	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	118532	20.618	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12146	18.770	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	49267	20.773	ug/l	97
90) Hexachlorobutadiene	15.01	225	44671	21.285	ug/l	99
91) Naphthalene	15.13	128	140724	18.430	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	58166	19.328	ug/l	100

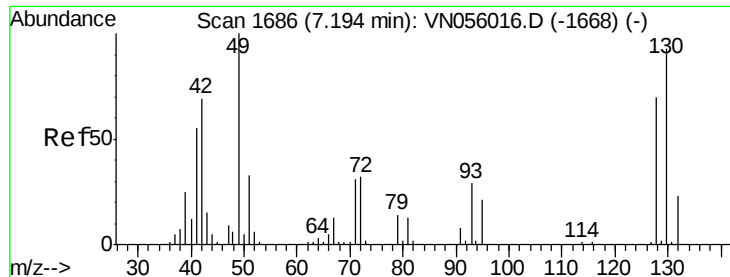
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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QLast Update : Thu Jun 06 04:02:53 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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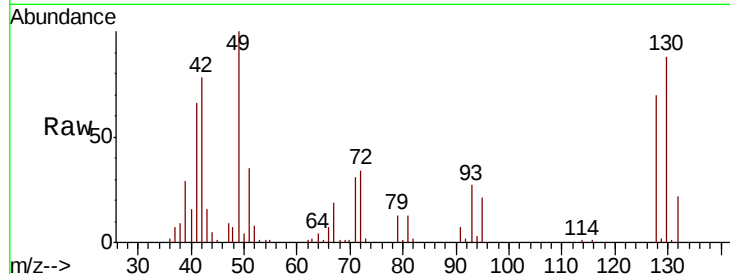
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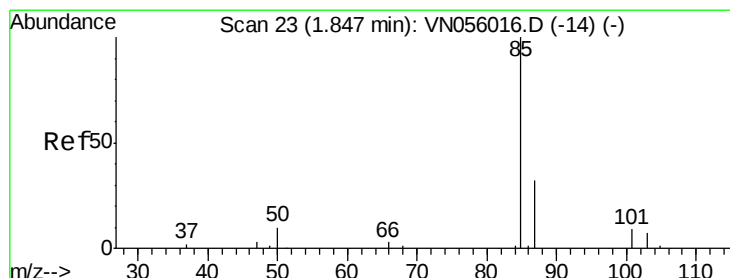
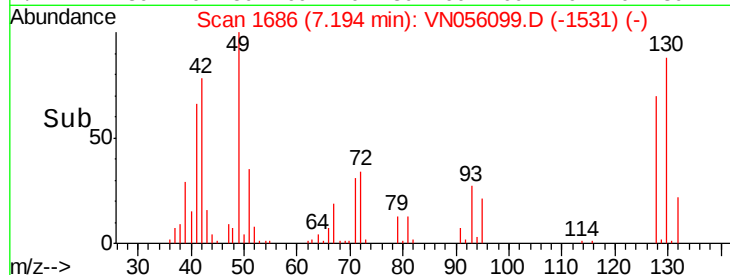
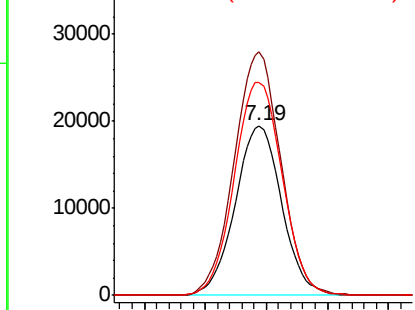
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 51311
Ion Ratio Lower Upper
128 100
49 144.4 0.0 355.8
130 129.9 0.0 326.3

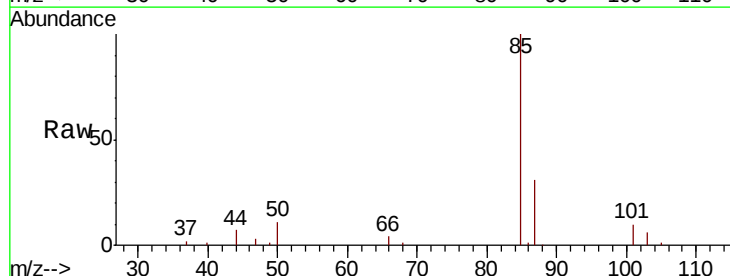


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

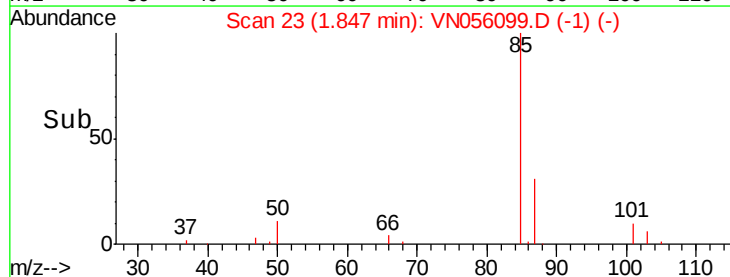
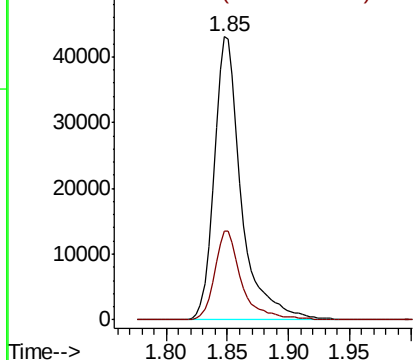


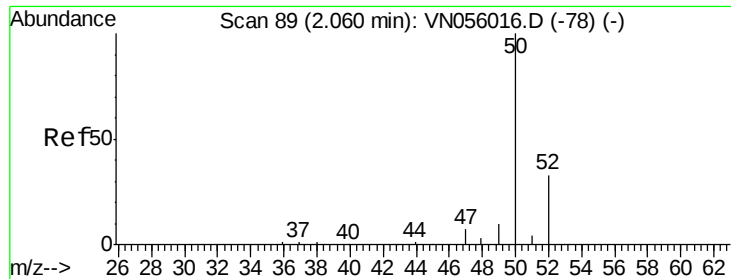
#2
Dichlorodifluoromethane
Concen: 23.287 ug/l
RT: 1.85 min Scan# 23
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 85 Resp: 67206
Ion Ratio Lower Upper
85 100
87 31.3 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 22.136 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

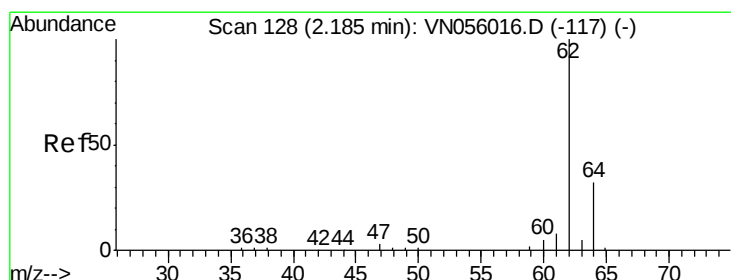
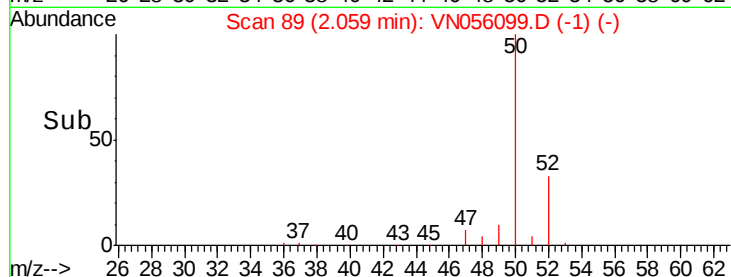
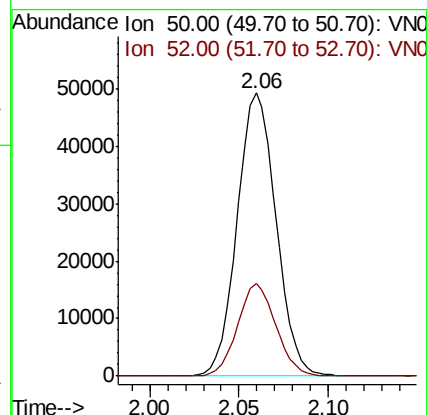
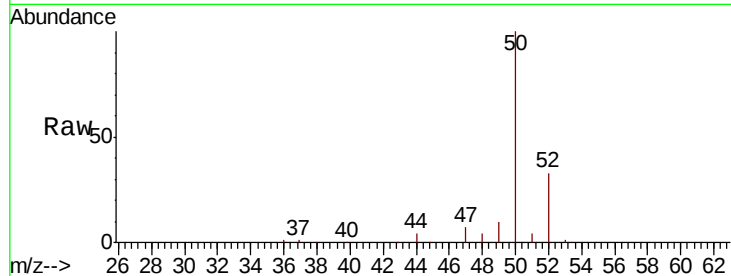
ClientSampled :

Tot Ion: 50 Resp: 74640

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 21.682 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056099.D

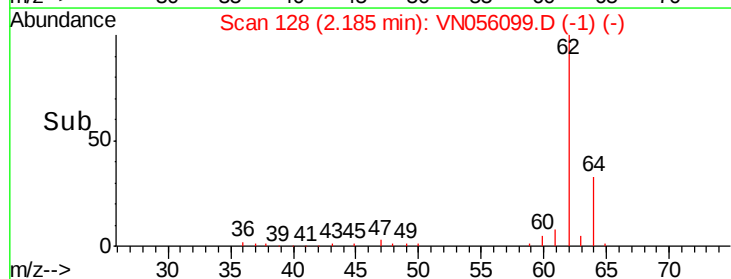
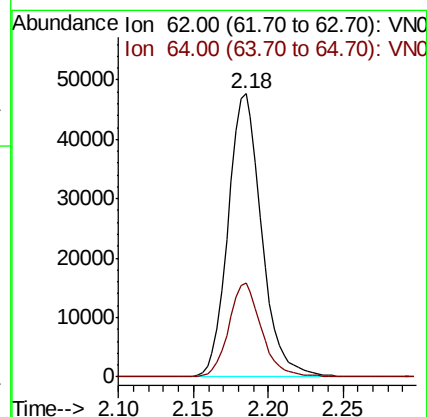
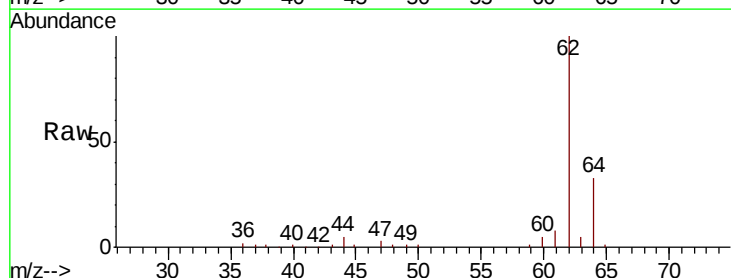
Acq: 7 Jun 2019 14:56

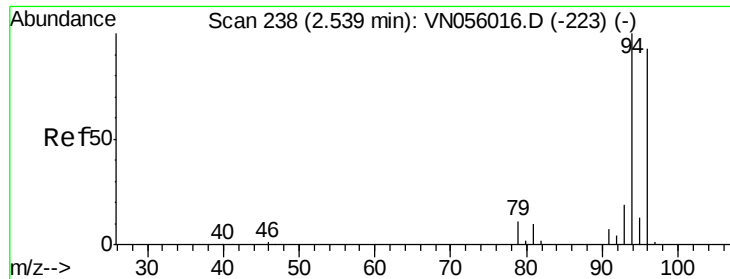
Tgt Ion: 62 Resp: 74542

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8

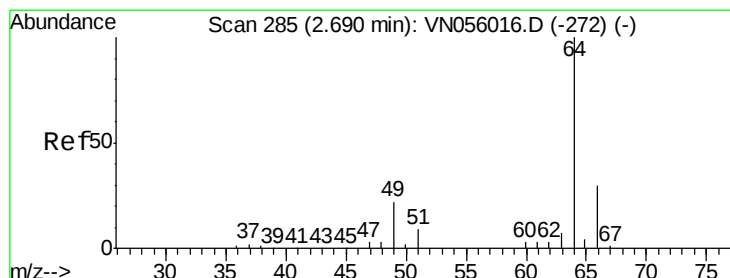
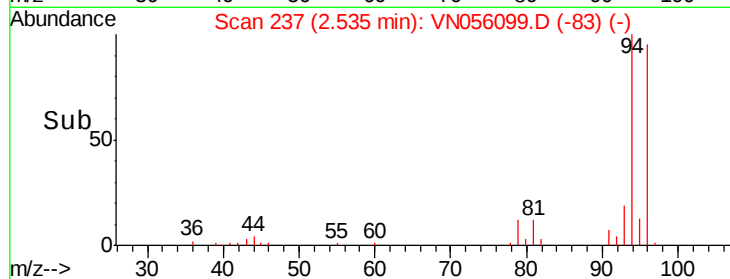
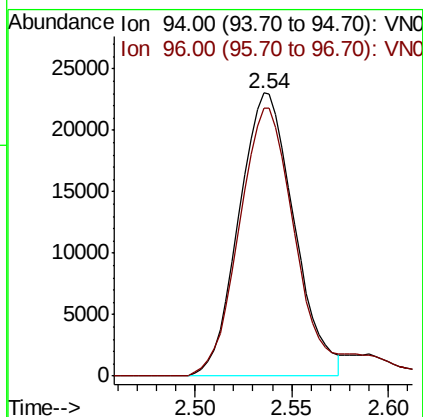
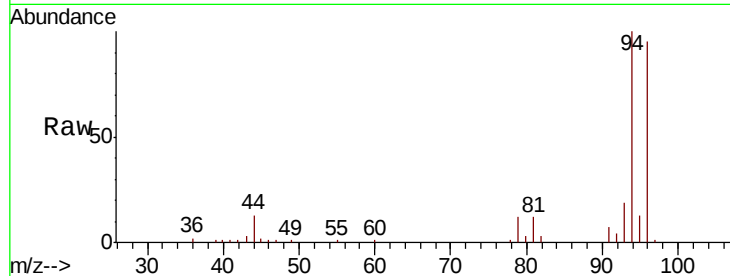




#5
Bromomethane
Concen: 21.197 ug/l
RT: 2.54 min Scan# 237
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

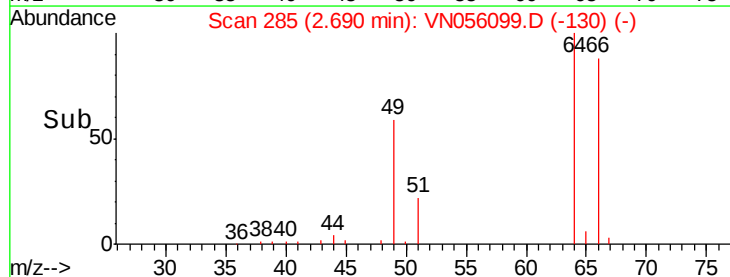
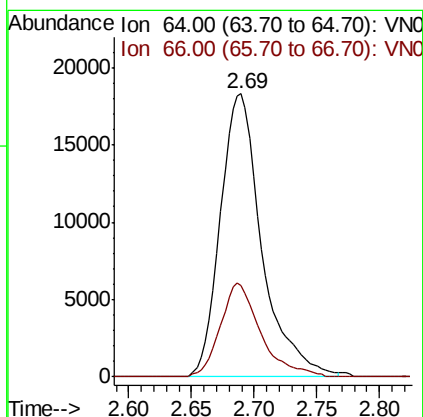
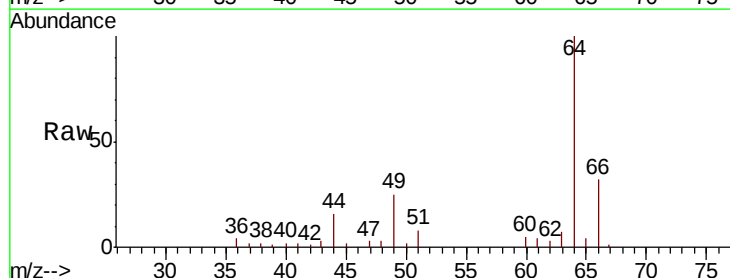
Instrument :
MSVOA_N
ClientSampled :

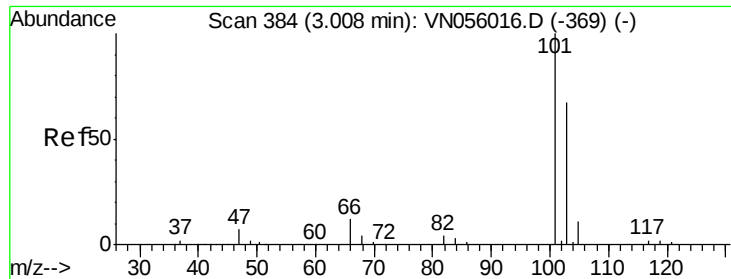
Tot Ion: 94 Resp: 45798
Ion Ratio Lower Upper
94 100
96 94.8 74.1 111.1



#6
Chloroethane
Concen: 21.604 ug/l
RT: 2.69 min Scan# 285
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 64 Resp: 42011
Ion Ratio Lower Upper
64 100
66 32.1 23.7 35.5



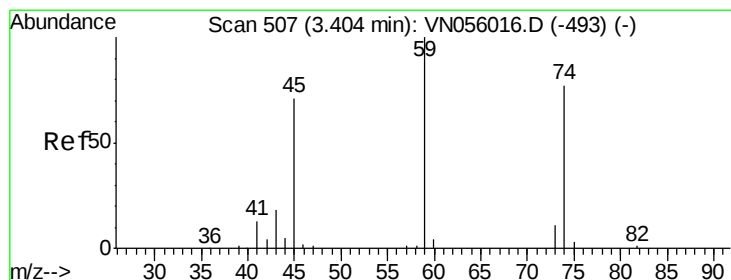
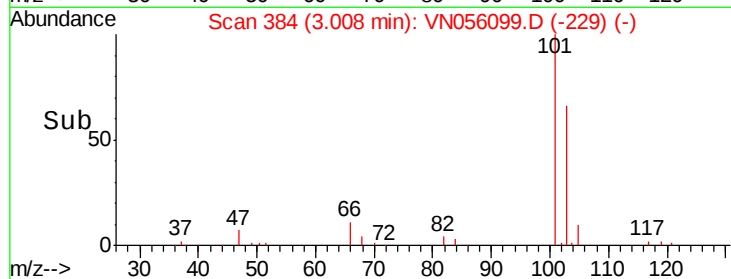
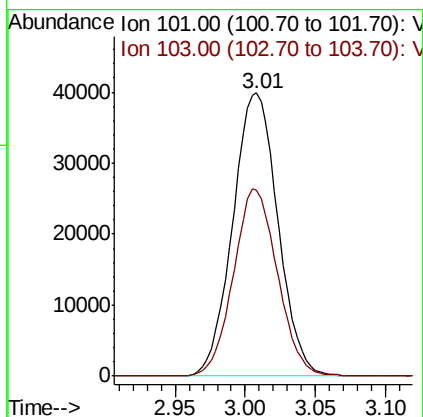
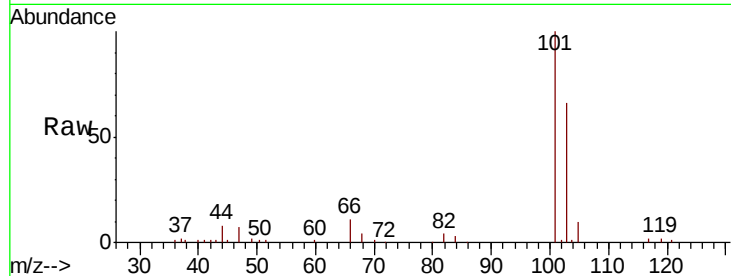


#7

Trichlorofluoromethane
 Concen: 20.990 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN056099.D
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 MSVOA_N
 ClientSampled :

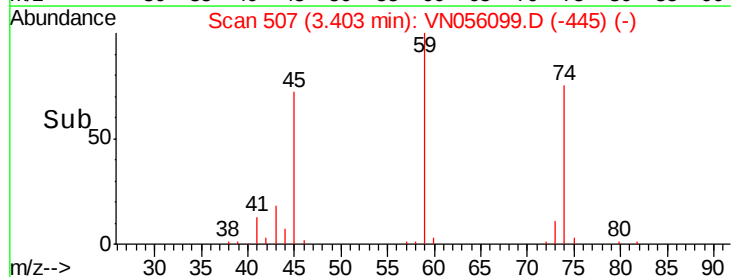
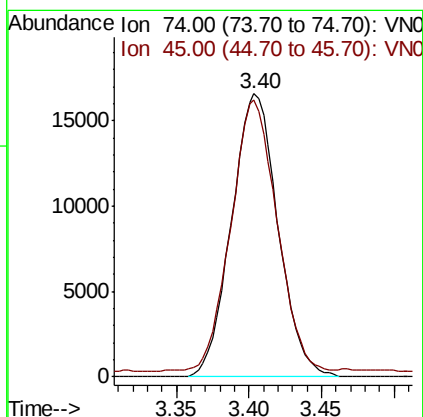
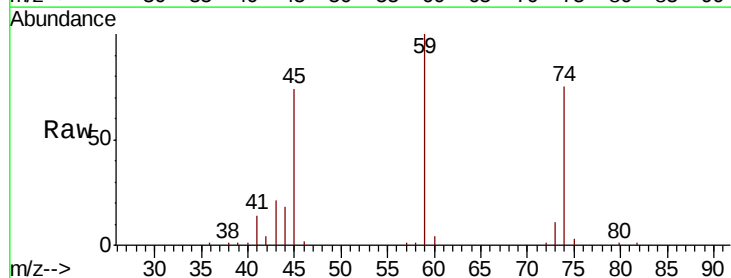
Tot Ion:101 Resp: 89281
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.4 80.0

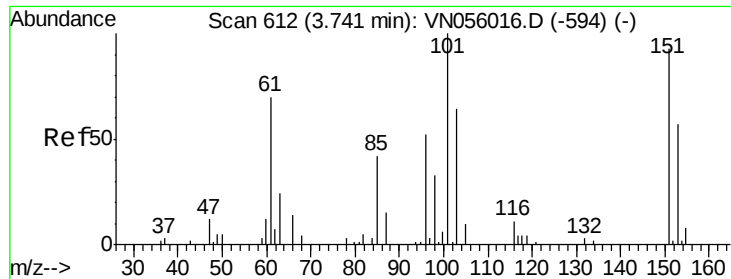


#8

Diethyl Ether
 Concen: 20.532 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Tgt Ion: 74 Resp: 37040
 Ion Ratio Lower Upper
 74 100
 45 93.8 18.8 169.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.201 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

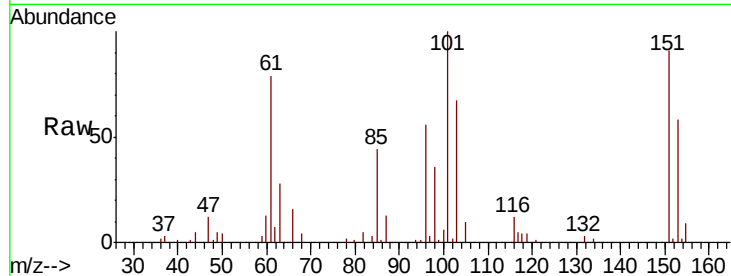
Tot Ion:101 Resp: 55666

Ion Ratio Lower Upper

101 100

85 41.4 0.0 82.0

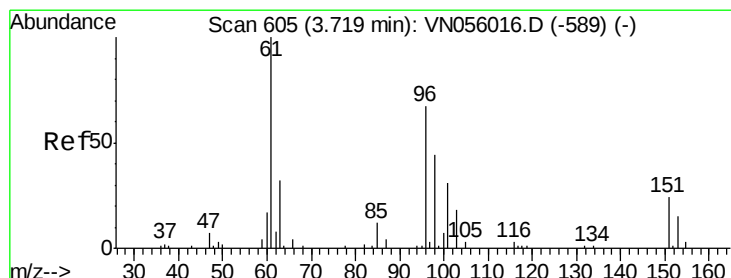
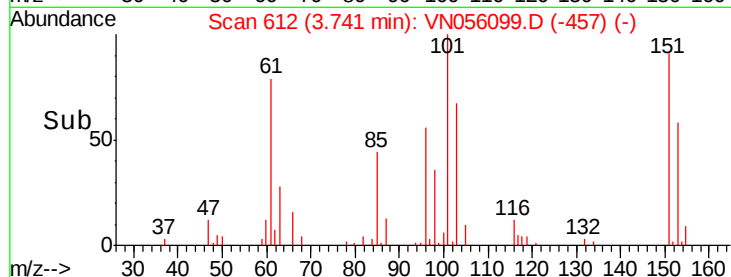
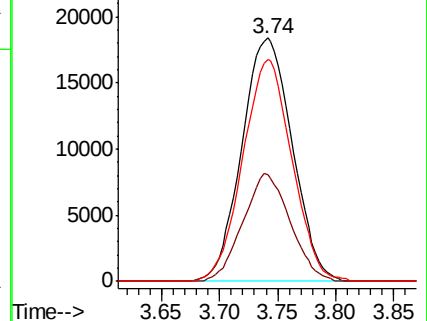
151 88.6 0.0 177.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.074 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

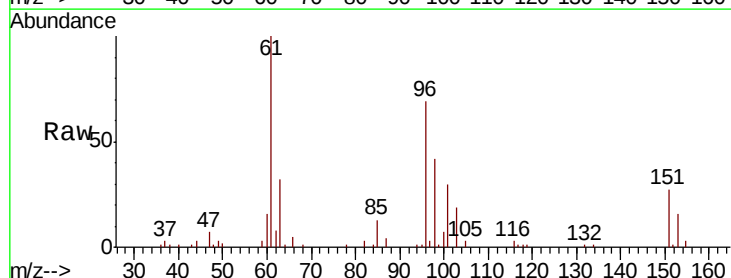
Tgt Ion: 96 Resp: 56444

Ion Ratio Lower Upper

96 100

61 145.0 119.7 179.5

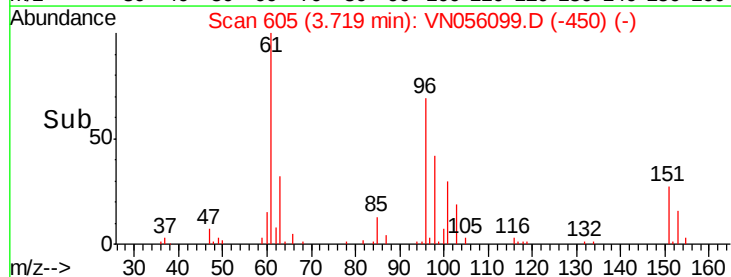
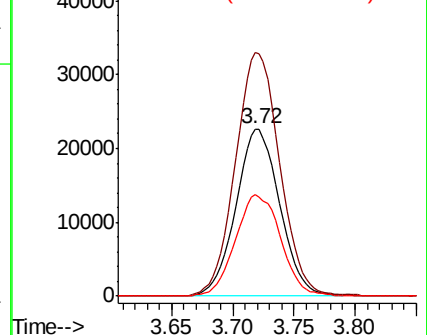
98 60.7 52.3 78.5

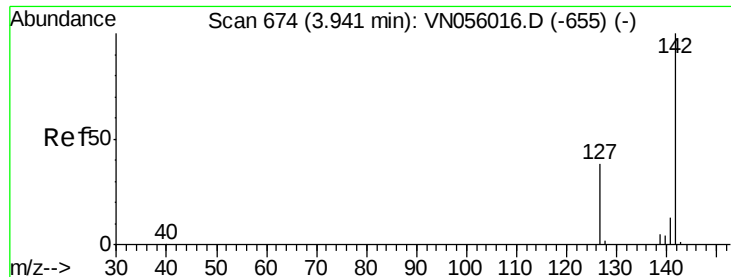


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

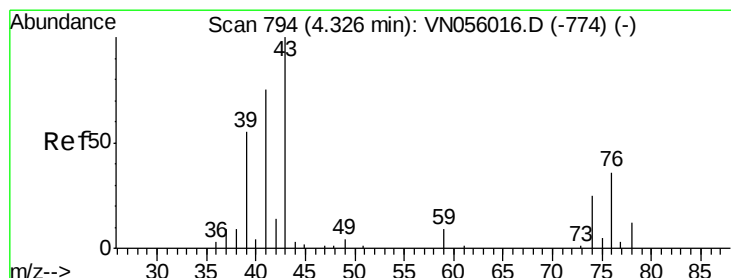
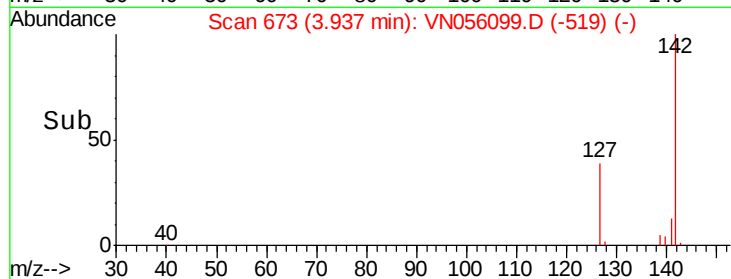
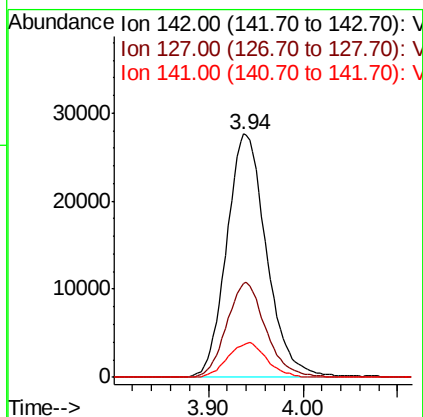
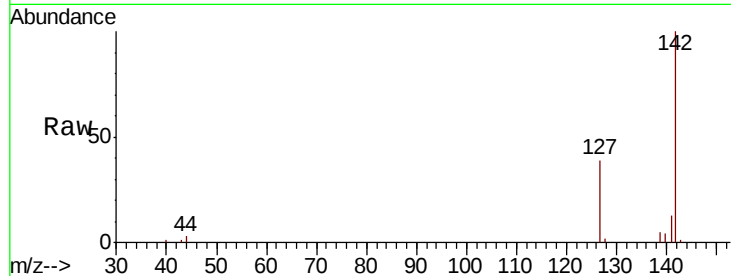




#11
Methvl Iodide
Concen: 19.111 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

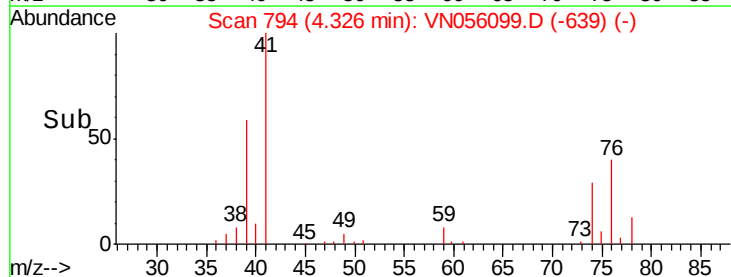
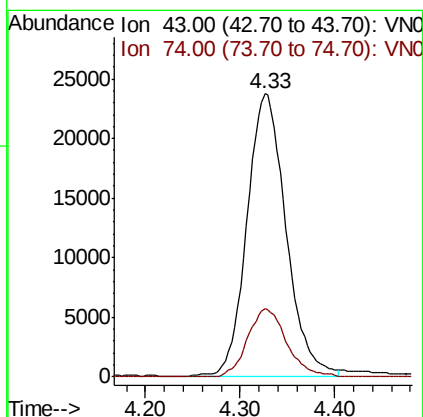
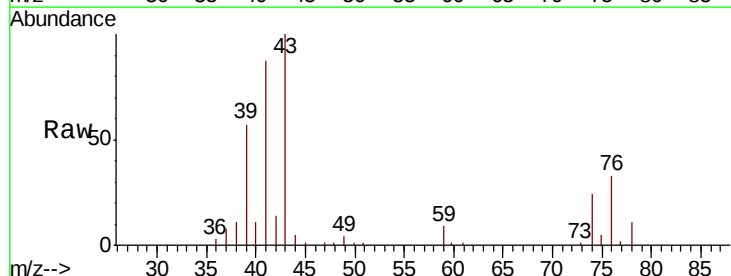
Instrument :
MSVOA_N
ClientSampleId :

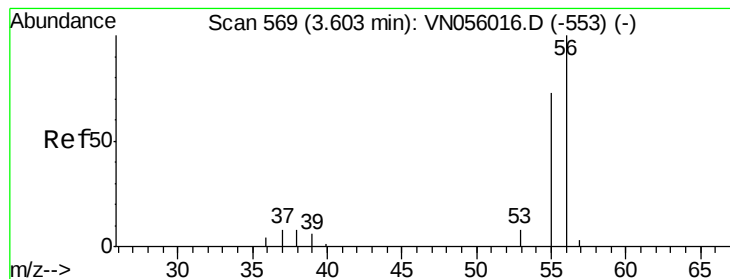
Tot Ion:142 Resp: 80759
Ion Ratio Lower Upper
142 100
127 38.7 19.0 57.0
141 13.2 6.7 20.0



#12
Methyl Acetate
Concen: 21.232 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 43 Resp: 68338
Ion Ratio Lower Upper
43 100
74 24.6 19.9 29.9





#13

Acrolein

Concen: 108.735 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

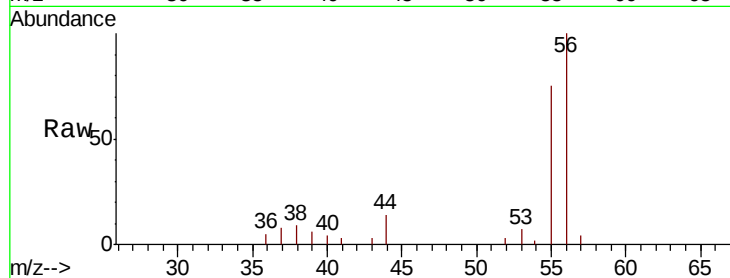
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 17058

Ion Ratio Lower Upper

56 100

55 75.7 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

8000

6000

4000

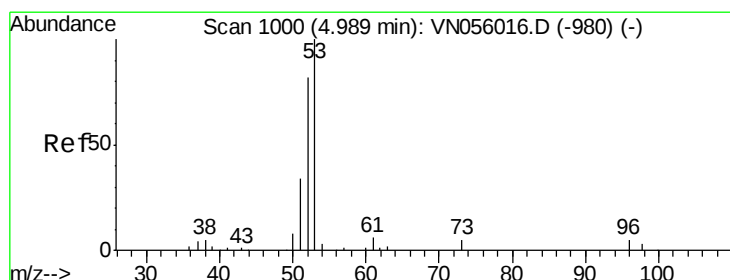
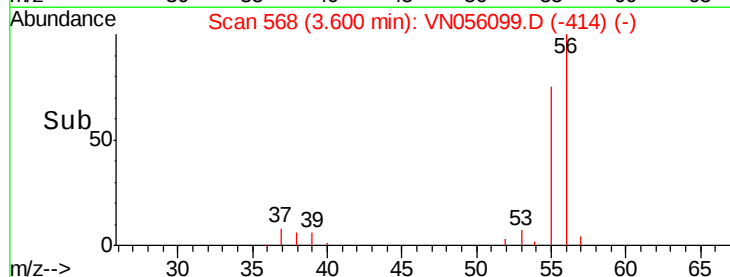
2000

0

Time-->

3.55 3.60 3.65

3.60



#14

Acrylonitrile

Concen: 108.773 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

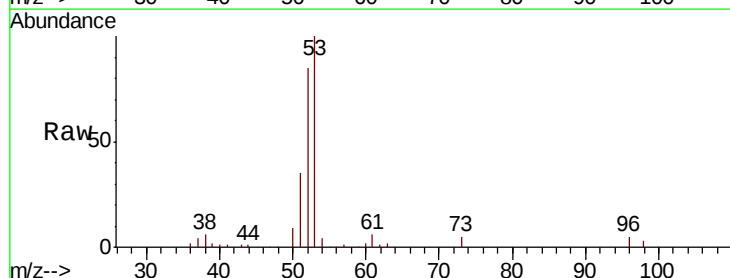
Tgt Ion: 53 Resp: 156125

Ion Ratio Lower Upper

53 100

52 82.5 40.8 122.2

51 35.4 17.3 52.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

60000

50000

40000

30000

20000

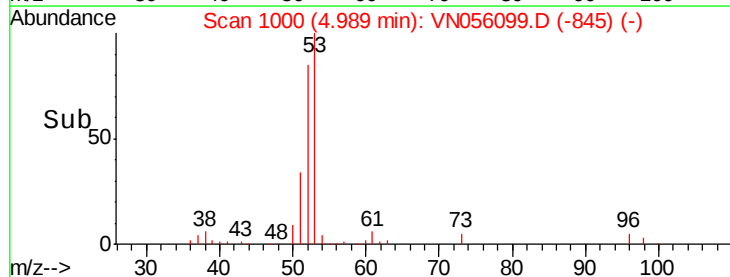
10000

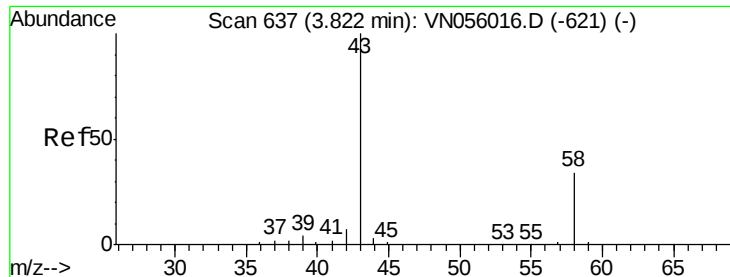
0

Time-->

4.90 5.00 5.10

4.99





#15

Acetone

Concen: 98.387 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

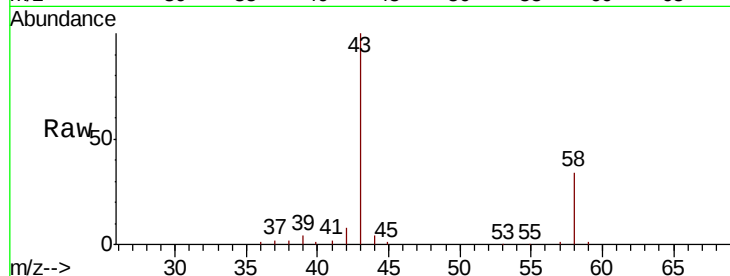
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 58 Resp: 46239

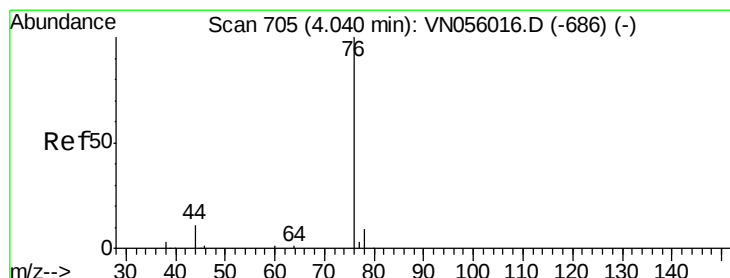
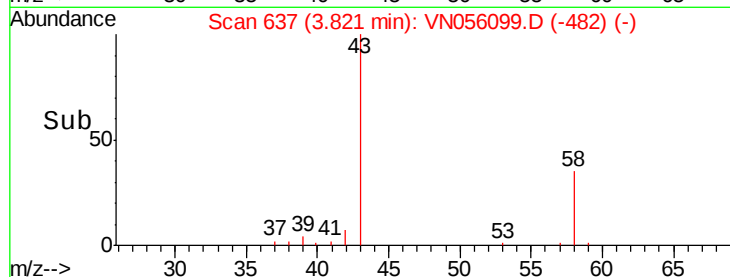
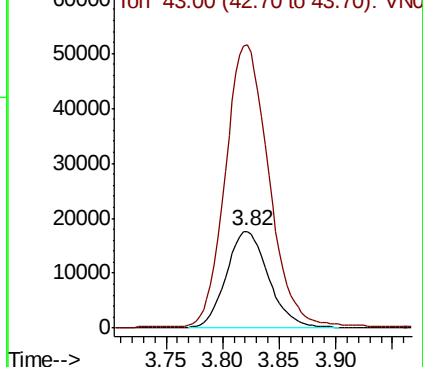
Ion Ratio Lower Upper

58 100

43 289.6 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN056016.D (-621) (-)



#16

Carbon Disulfide

Concen: 19.351 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056099.D

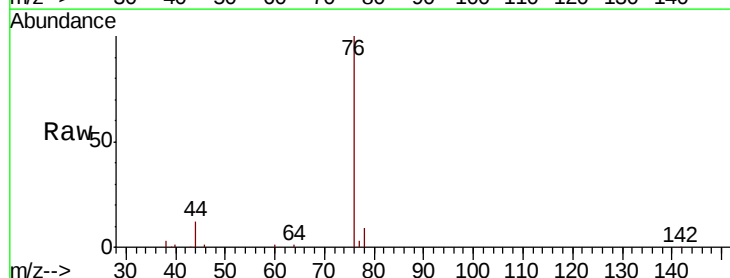
Acq: 7 Jun 2019 14:56

Tgt Ion: 76 Resp: 123325

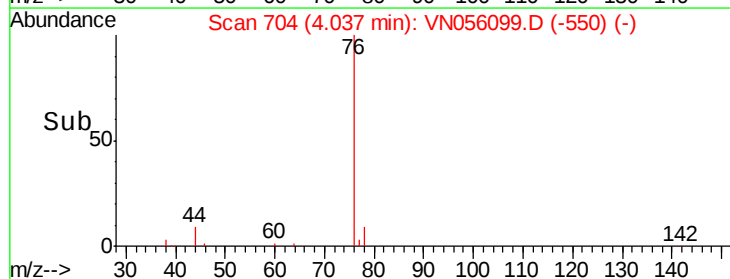
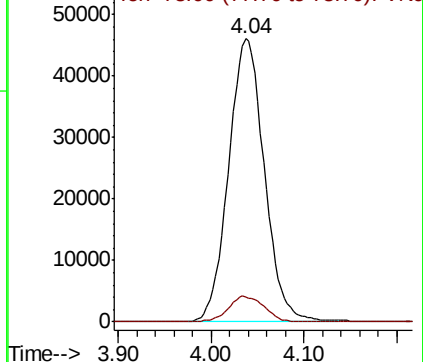
Ion Ratio Lower Upper

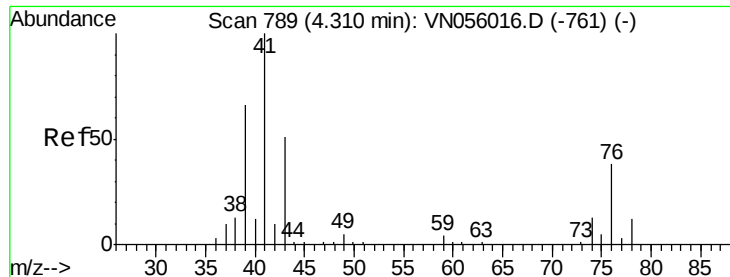
76 100

78 8.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN056016.D (-686) (-)

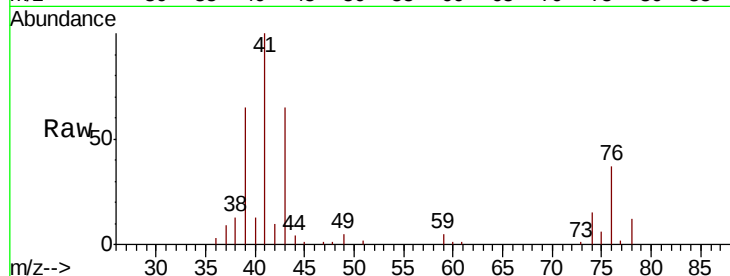




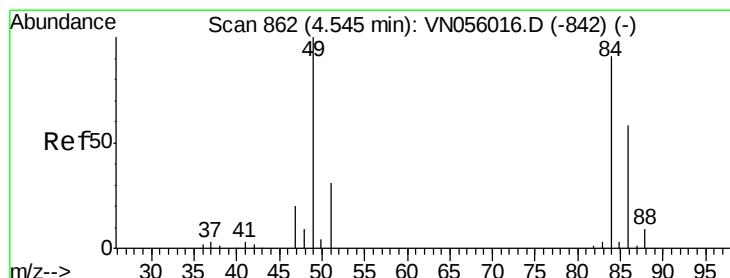
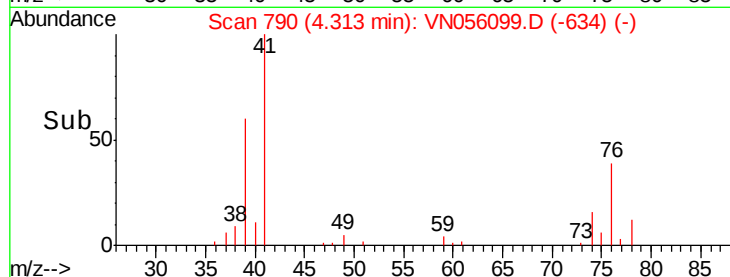
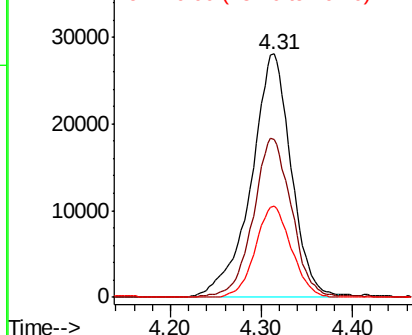
#17
Allvl chloride
Concen: 20.678 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 85811
Ion Ratio Lower Upper
41 100
39 64.9 33.0 99.0
76 37.4 18.9 56.9

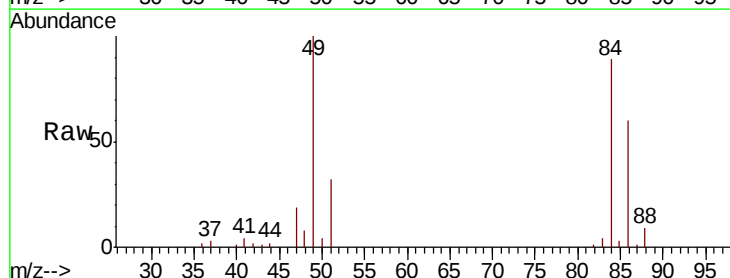


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 76.00 (75.70 to 76.70): VNO

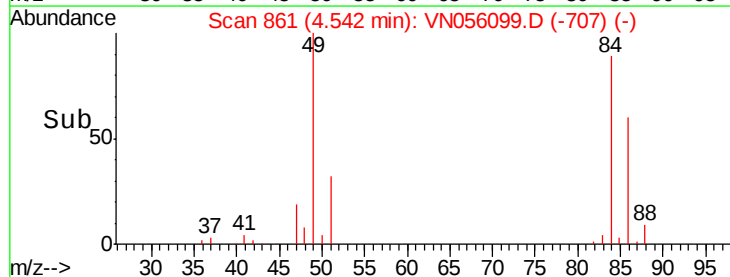
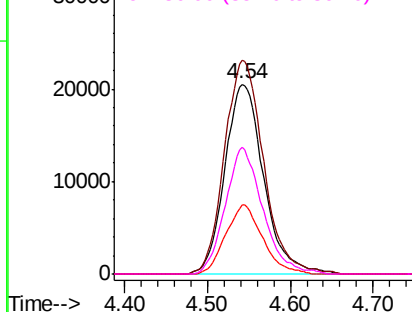


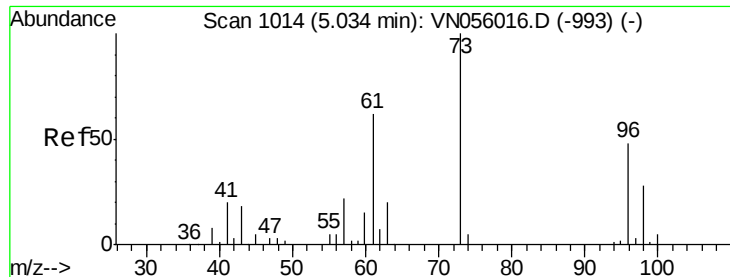
#18
Methylene Chloride
Concen: 21.558 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 84 Resp: 66848
Ion Ratio Lower Upper
84 100
49 112.5 87.6 131.4
51 36.3 27.0 40.4
86 67.0 51.2 76.8



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

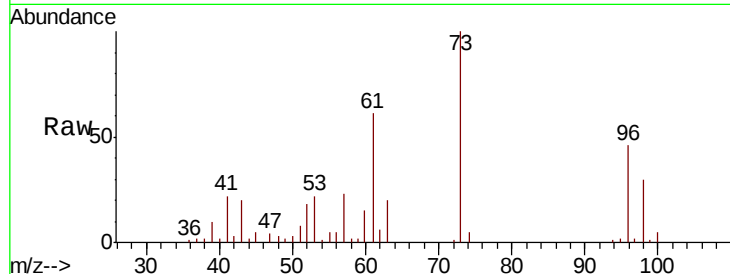




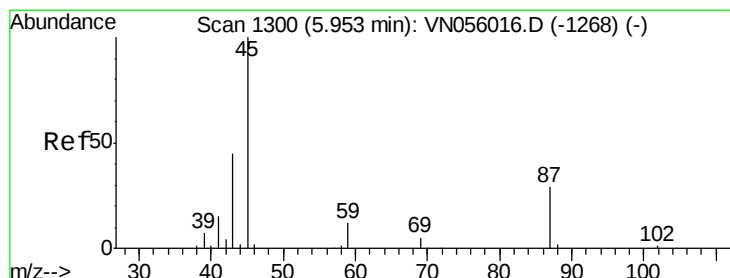
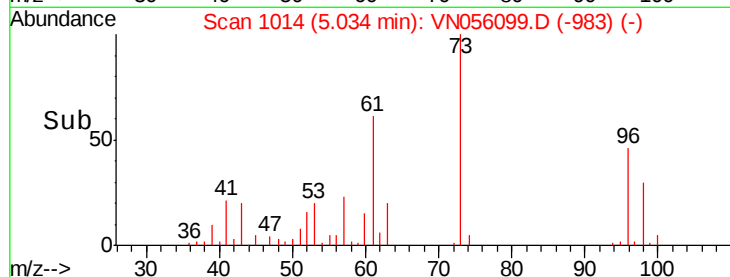
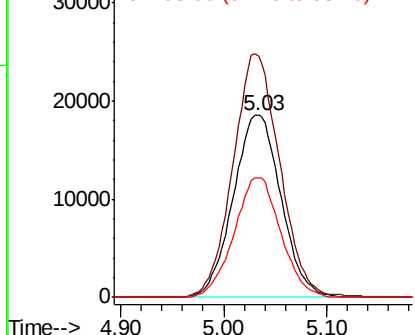
#19
trans-1,2-Dichloroethene
Concen: 20.897 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 59745
Ion Ratio Lower Upper
96 100
61 131.2 102.5 153.7
98 65.6 46.9 70.3

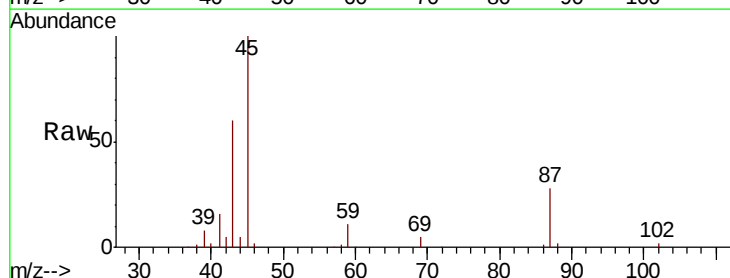


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

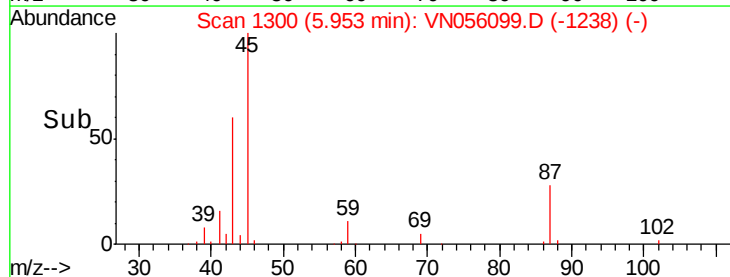
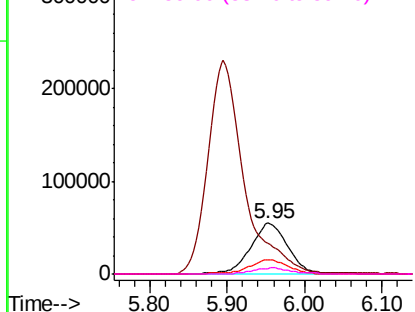


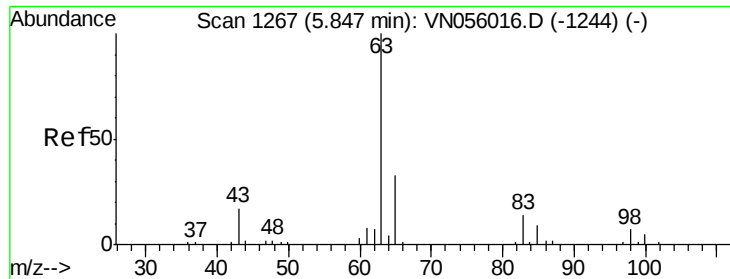
#20
Diisopropyl ether
Concen: 21.422 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 45 Resp: 184187
Ion Ratio Lower Upper
45 100
43 57.3 48.0 72.0
87 28.0 23.4 35.2
59 11.0 9.2 13.8



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

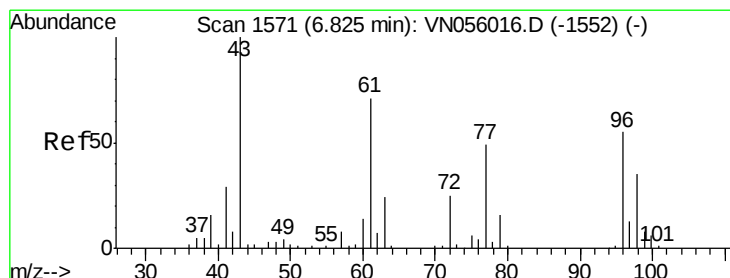
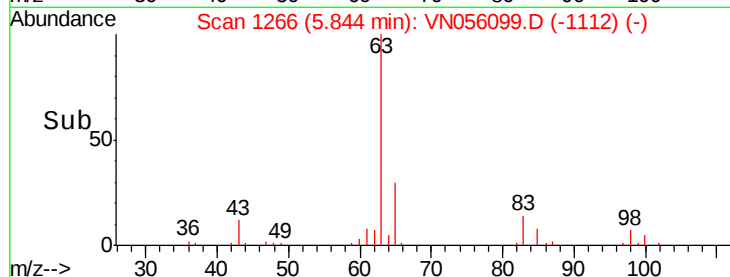
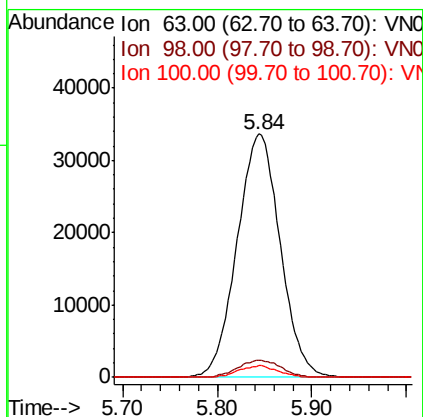
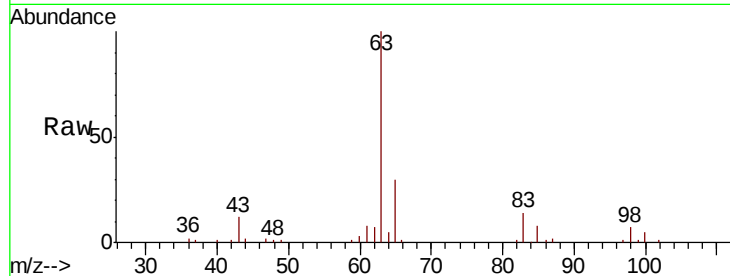




#21
 1,1-Dichloroethane
 Concen: 21.325 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

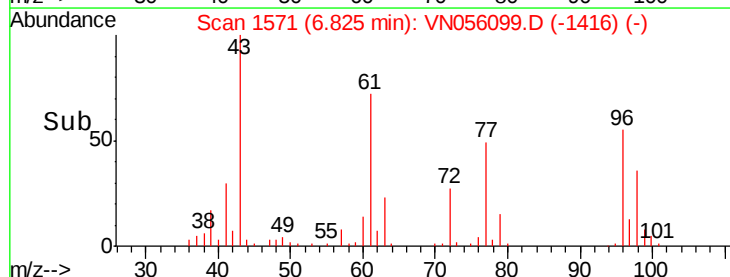
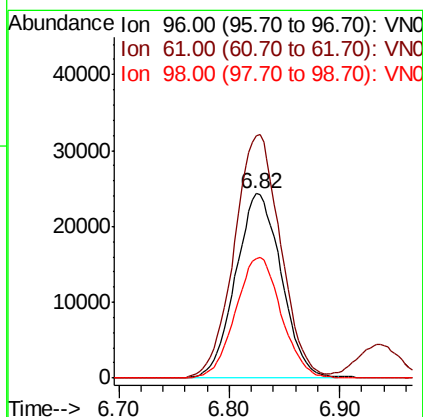
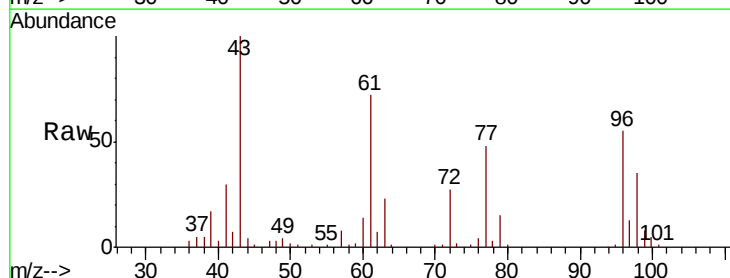
Instrument :
 MSVOA_N
 ClientSampleId :

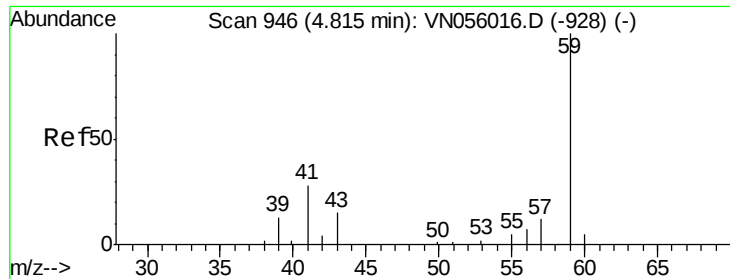
Tot Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.5
100	4.8	2.3	6.9



#22
 cis-1,2-Dichloroethene
 Concen: 20.957 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.7	105.7	158.5
98	65.2	52.0	78.0

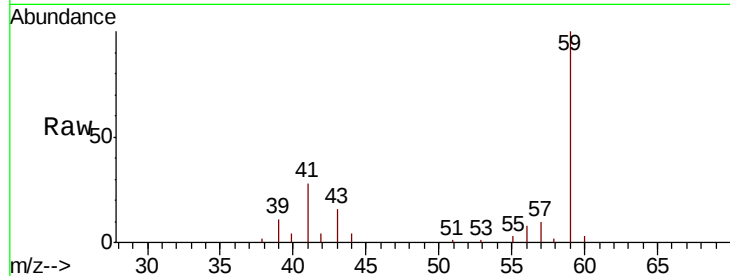




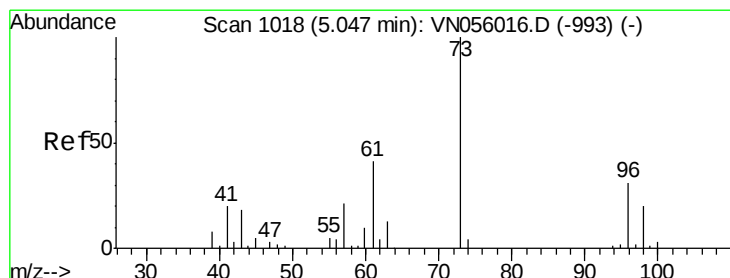
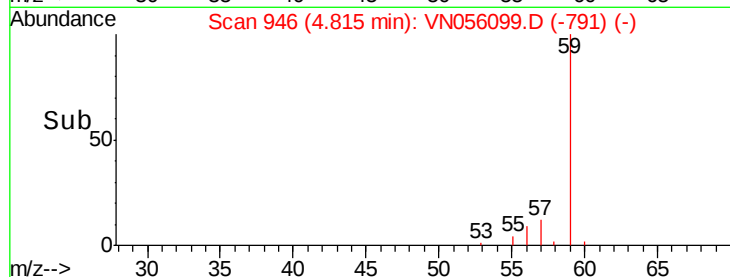
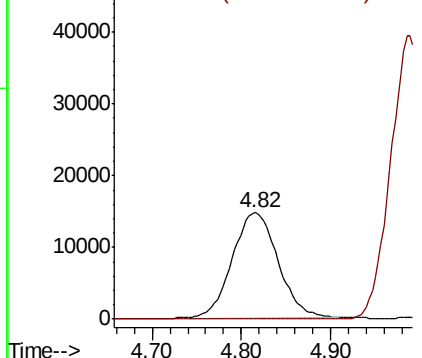
#23
tert-Butyl Alcohol
Concen: 94.292 ug/l
RT: 4.82 min Scan# 946
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 52680
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

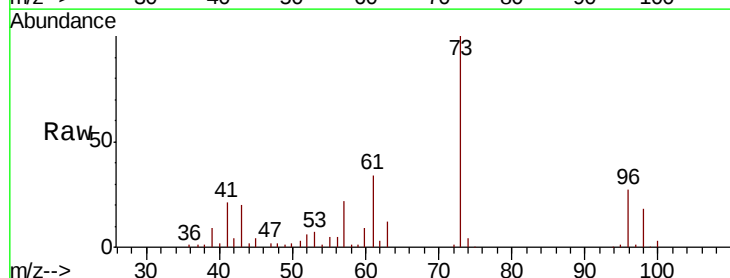


Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

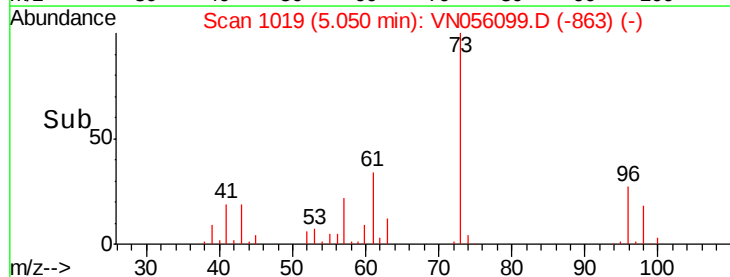
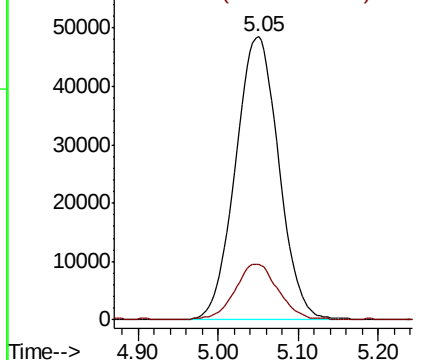


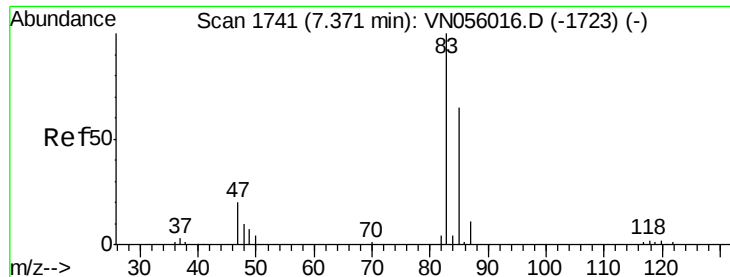
#24
Methyl tert-Butyl Ether
Concen: 20.948 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 73 Resp: 178813
Ion Ratio Lower Upper
73 100
43 19.7 15.4 23.0



Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 43.00 (42.70 to 43.70): VN0

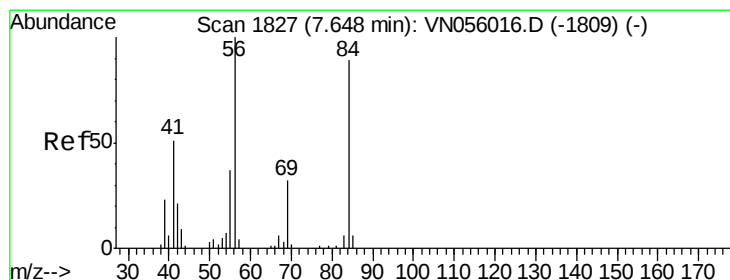
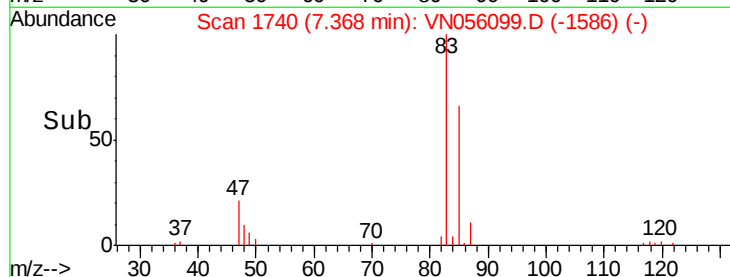
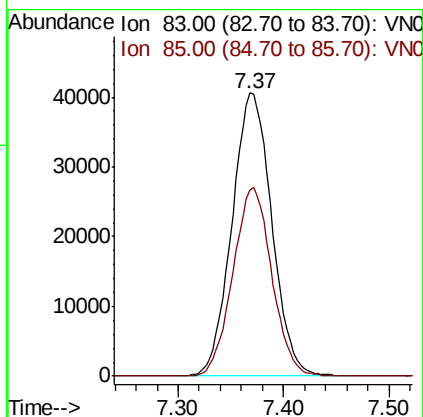
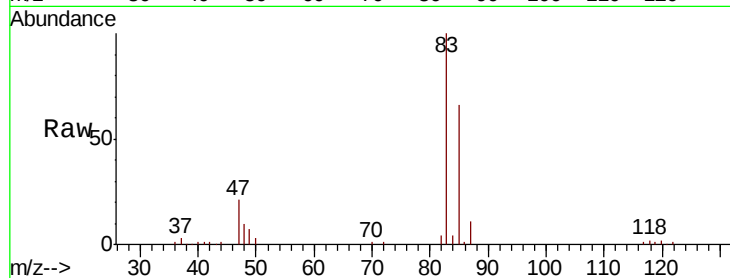




#25
Chloroform
Concen: 21.323 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

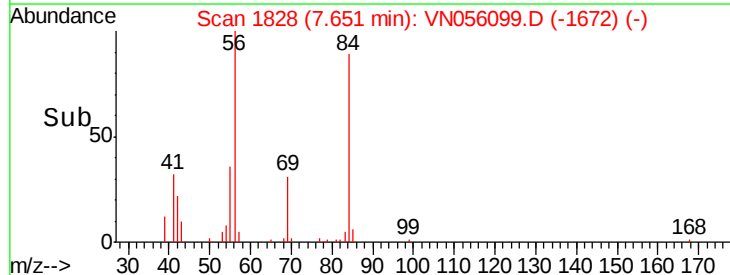
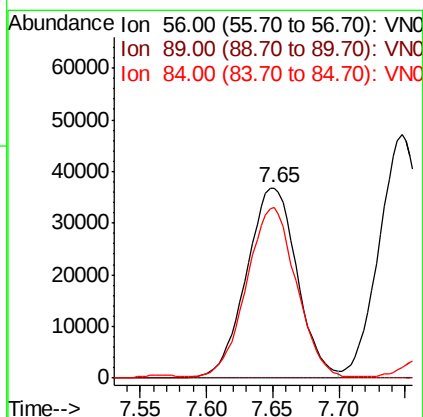
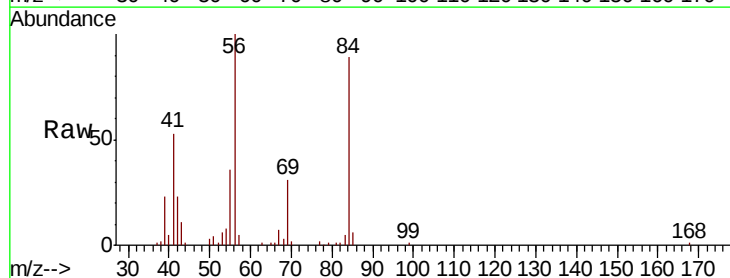
Instrument :
MSVOA_N
ClientSampled :

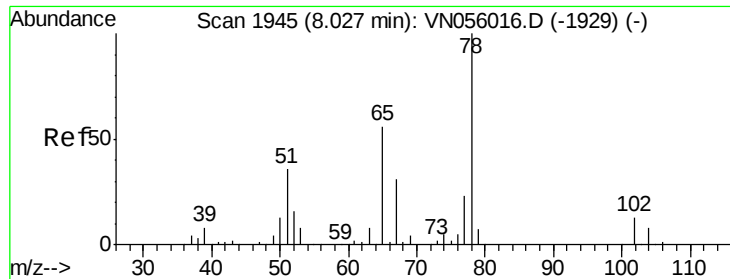
Tot Ion: 83 Resp: 106391
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0



#26
Cyclohexane
Concen: 21.113 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 56 Resp: 97874
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.1 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.544 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

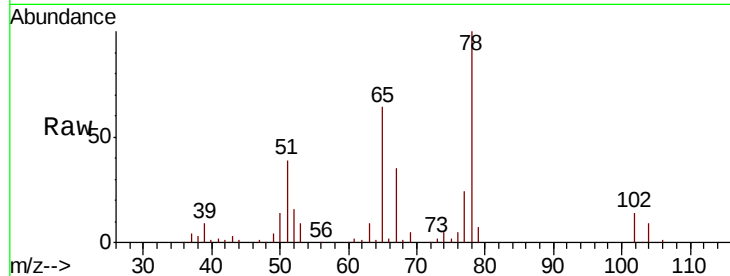
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 97324

Ion Ratio Lower Upper

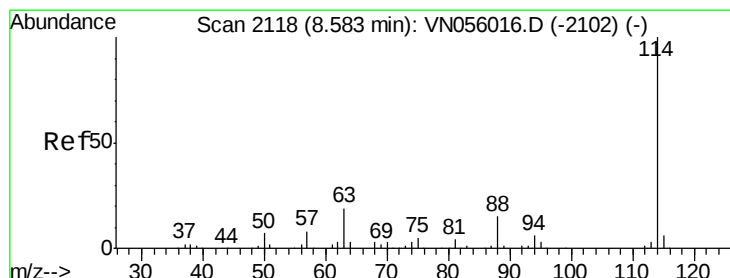
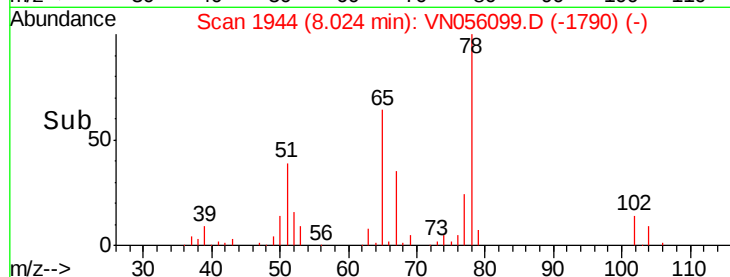
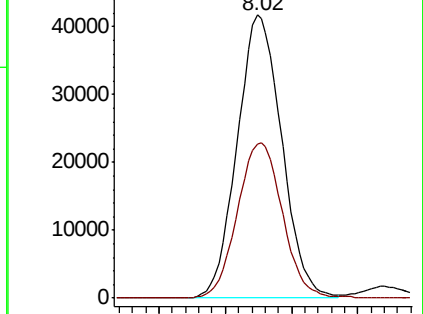
65 100

67 55.3 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN056016.D (-1929) (-)

Ion 67.00 (66.70 to 67.70): VN056016.D (-1929) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

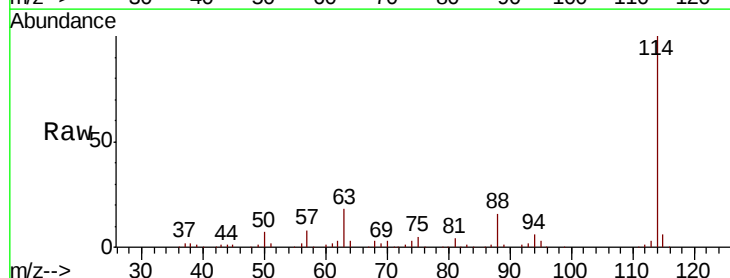
Tgt Ion: 114 Resp: 275604

Ion Ratio Lower Upper

114 100

63 18.5 14.7 22.1

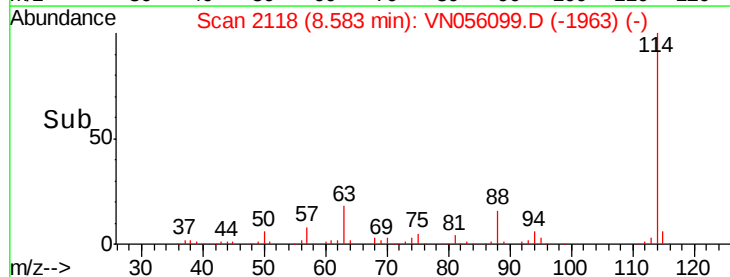
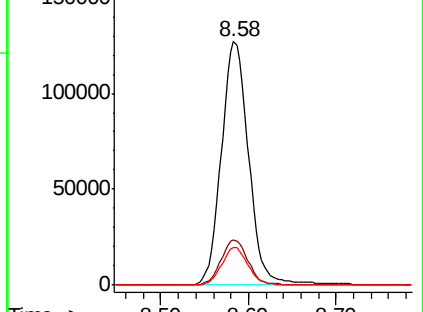
88 14.9 11.9 17.9

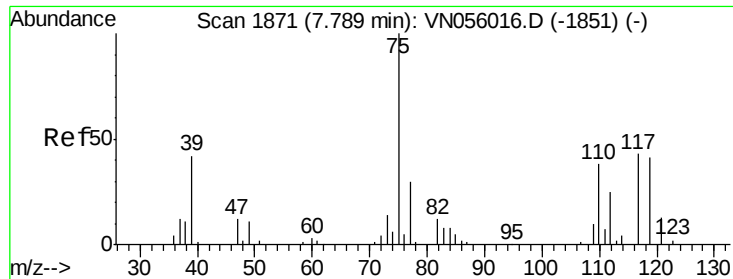


Abundance Ion 114.00 (113.70 to 114.70): VN056016.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN056016.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN056016.D (-2102) (-)

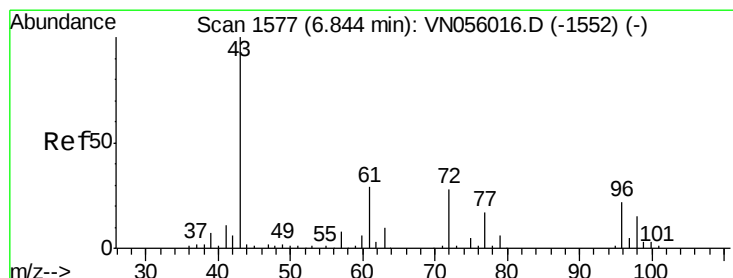
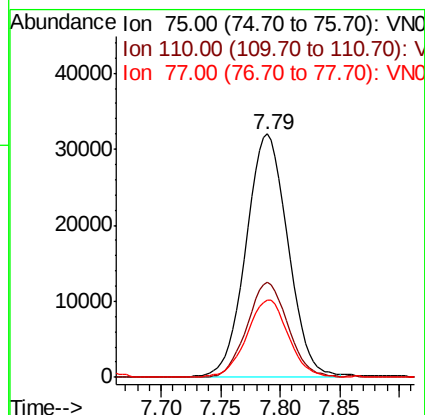
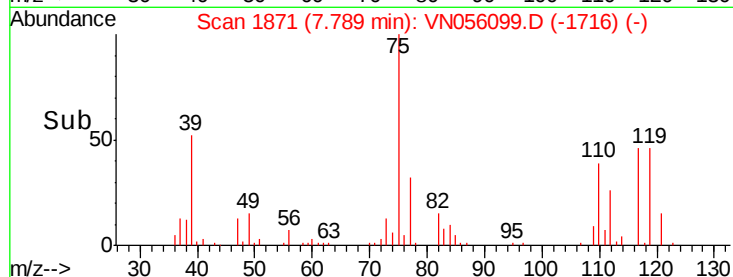
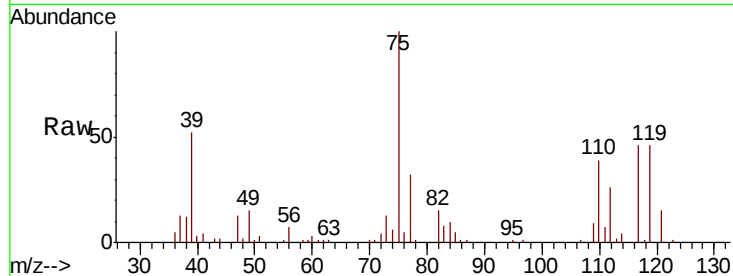




#29
 1,1-Dichloropropene
 Concen: 20.996 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

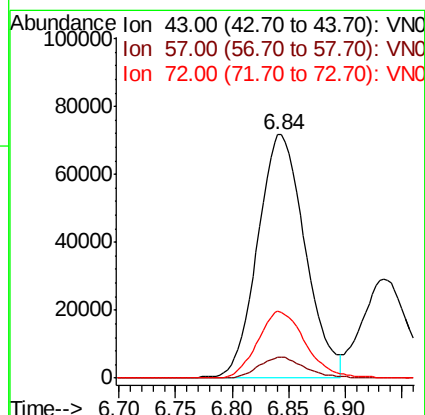
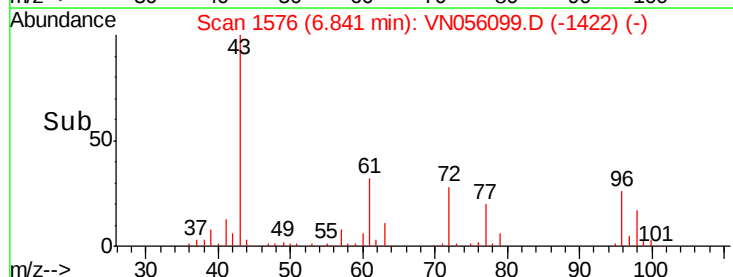
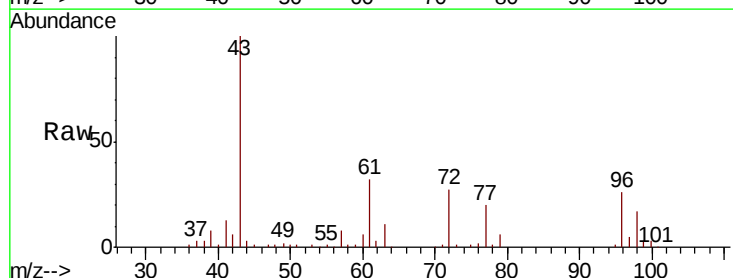
Instrument :
 MSVOA_N
 ClientSampled :

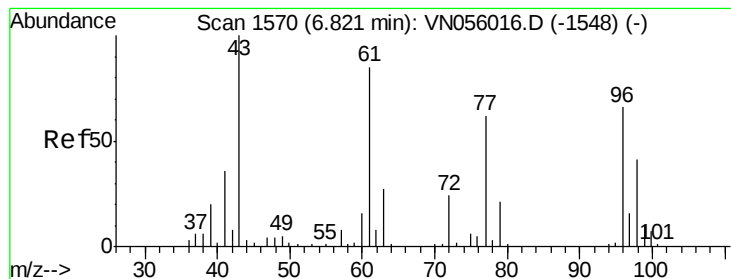
Tot Ion: 75 Resp: 78274
 Ion Ratio Lower Upper
 75 100
 110 38.0 0.0 77.0
 77 31.5 0.0 62.4



#30
 2-Butanone
 Concen: 105.992 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Tgt Ion: 43 Resp: 208020
 Ion Ratio Lower Upper
 43 100
 57 8.4 6.7 10.1
 72 27.7 22.4 33.6





#31

2,2-Dichloropropane

Concen: 19.924 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

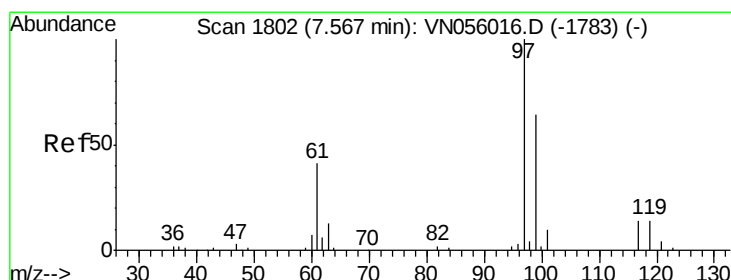
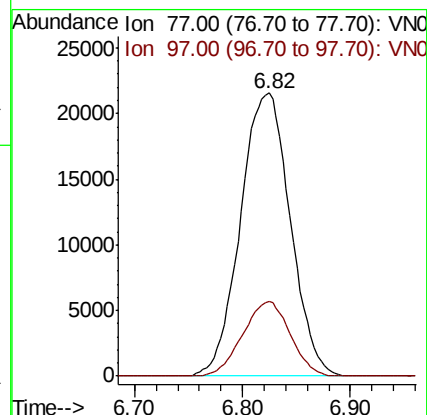
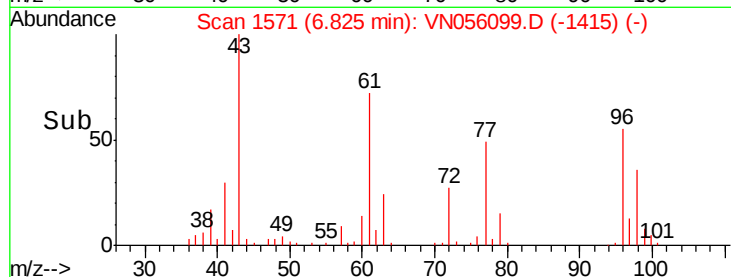
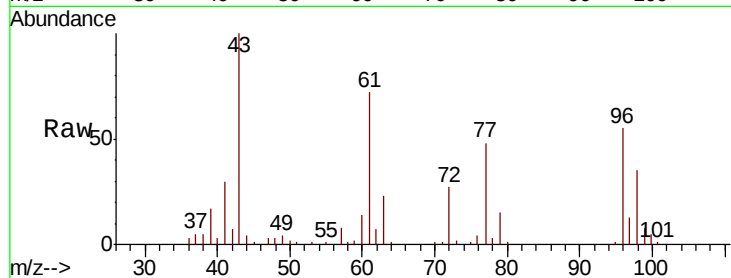
ClientSampled :

Tot Ion: 77 Resp: 69097

Ion Ratio Lower Upper

77 100

97 25.2 20.8 31.2



#32

1,1,1-Trichloroethane

Concen: 20.717 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

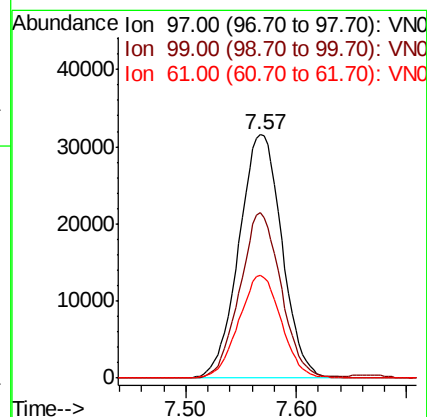
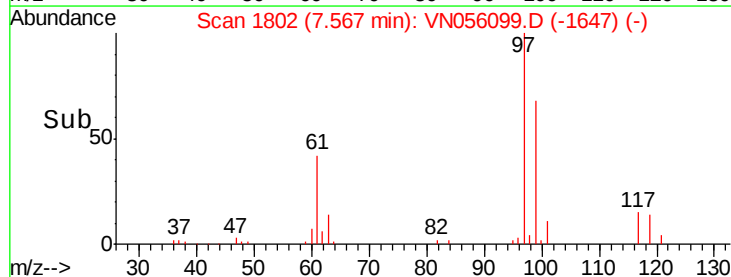
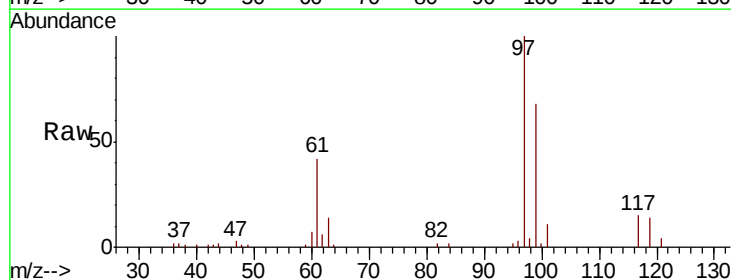
Tgt Ion: 97 Resp: 85330

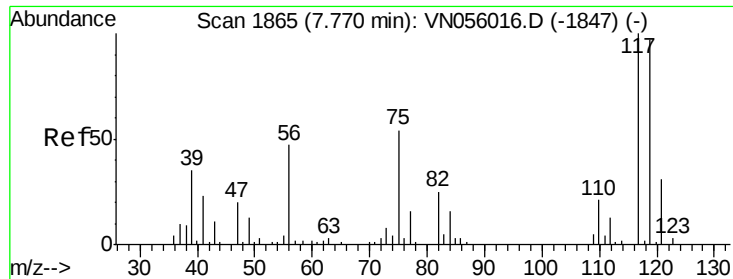
Ion Ratio Lower Upper

97 100

99 65.0 51.5 77.3

61 41.7 32.9 49.3

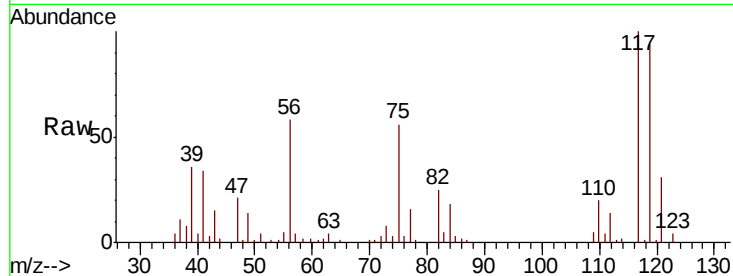




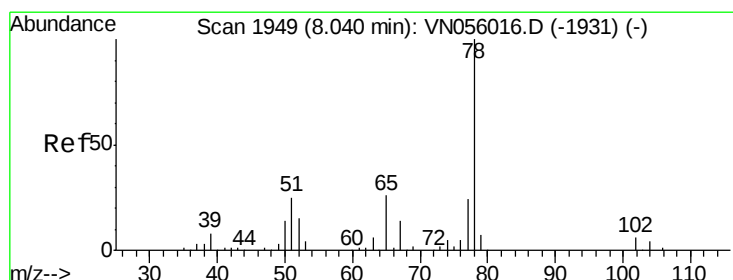
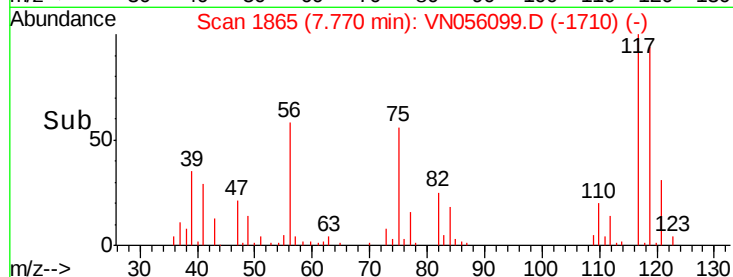
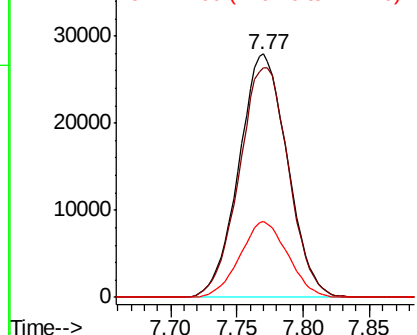
#33
Carbon Tetrachloride
Concen: 20.411 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 71228
Ion Ratio Lower Upper
117 100
119 94.3 77.3 115.9
121 31.4 25.0 37.4

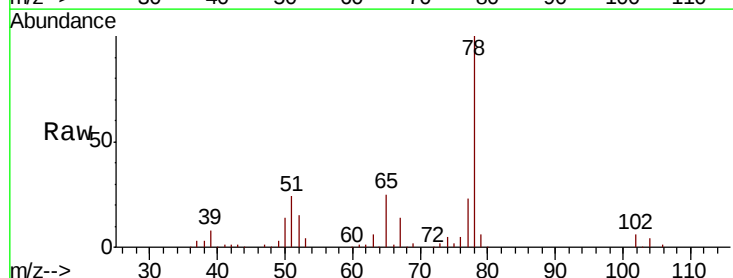


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

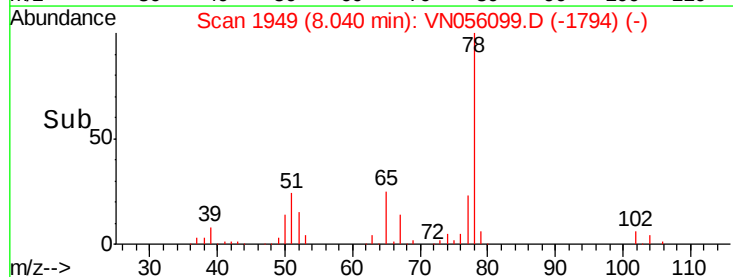
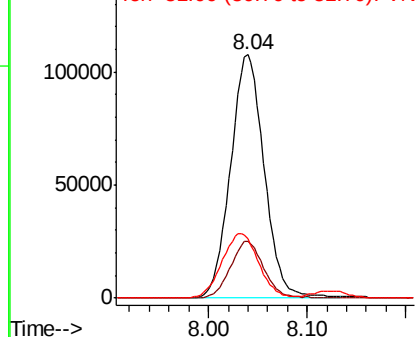


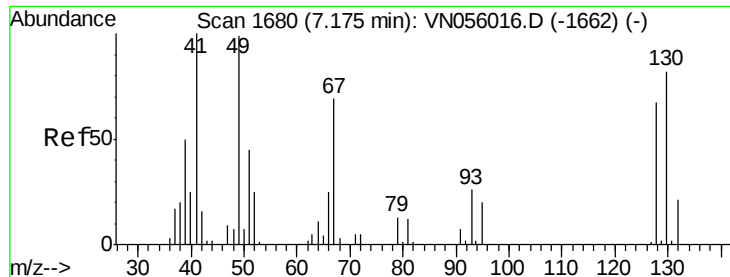
#34
Benzene
Concen: 21.577 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 78 Resp: 256294
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9
51 24.0 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

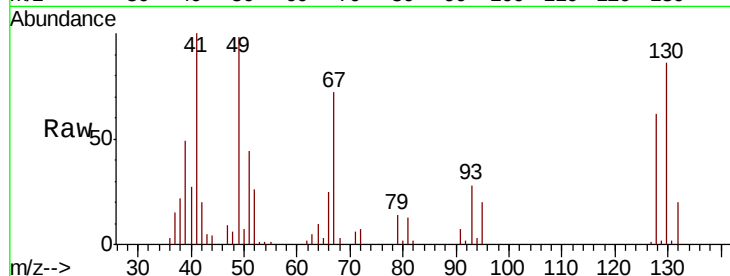




#35
Methacrylonitrile
Concen: 24.583 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	40741
Ion	Ratio	Lower	Upper
41	100		
39	49.1	24.8	74.3
67	72.1	34.3	102.9
52	26.5	12.6	37.8



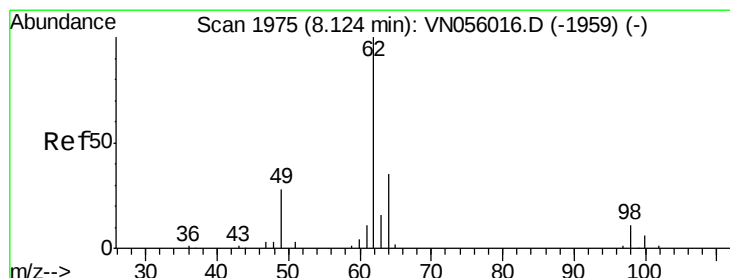
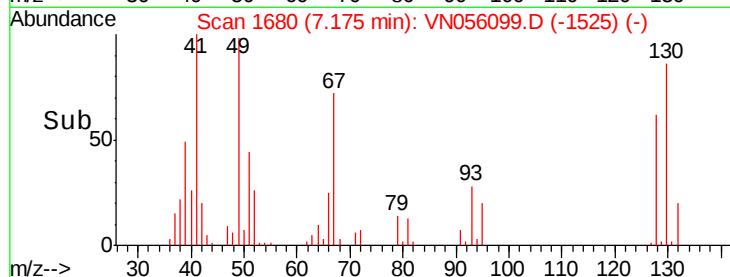
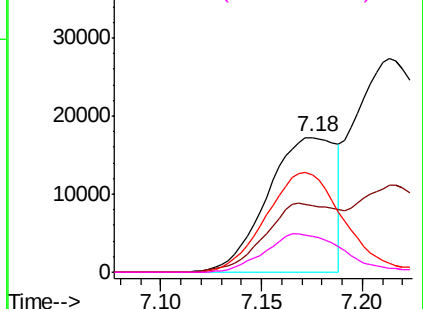
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

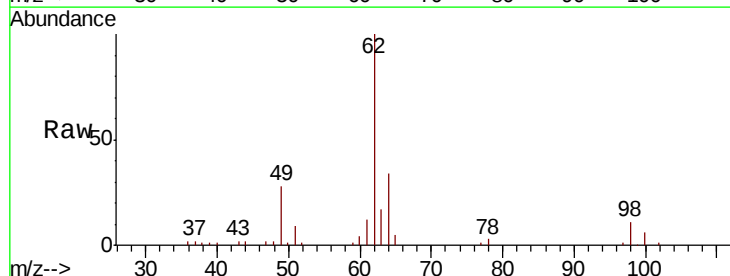
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#36
1,2-Dichloroethane
Concen: 21.573 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

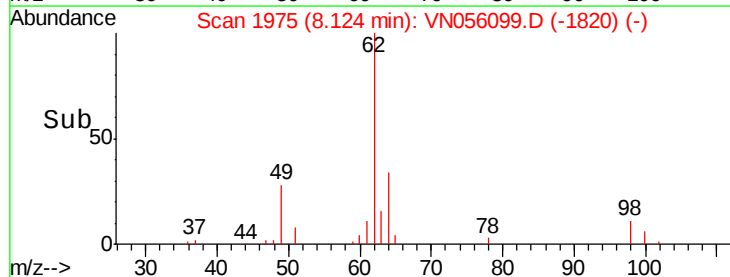
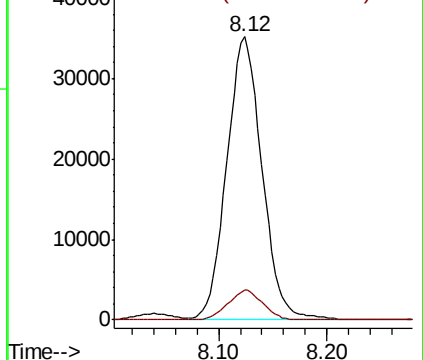
Tgt Ion:	62	Resp:	80267
Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.6	13.0

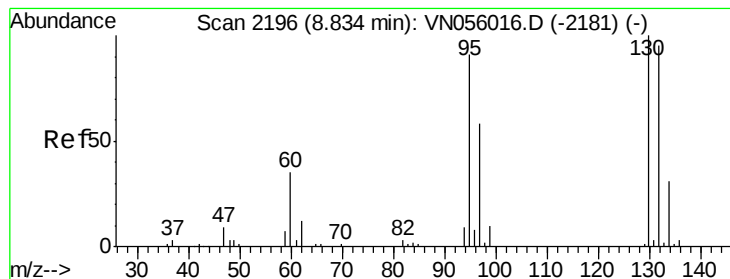


Abundance

Ion 62.00 (61.70 to 62.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#37

Trichloroethene

Concen: 21.314 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

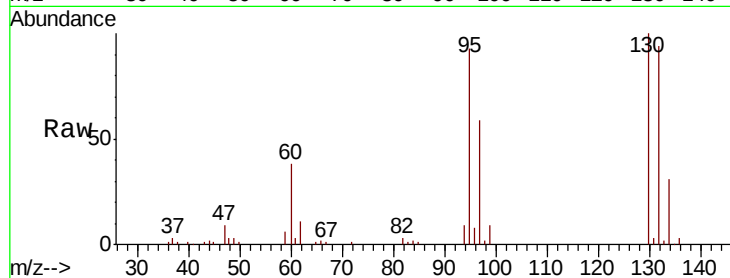
ClientSampleId :

Tot Ion:130 Resp: 70844

Ion Ratio Lower Upper

130 100

95 92.7 73.0 109.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.83

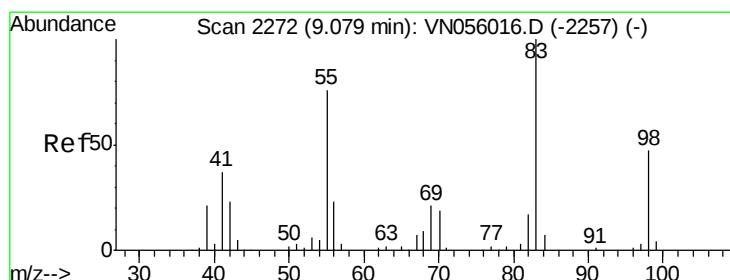
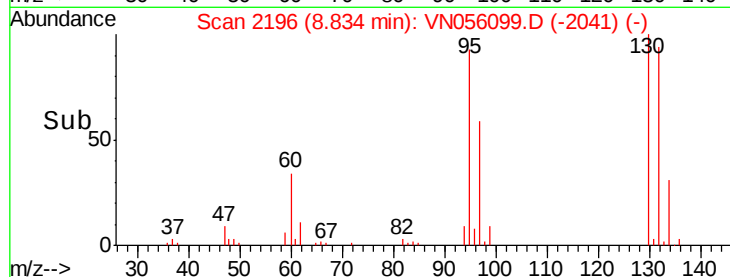
30000

20000

10000

0

Time--> 8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 21.143 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

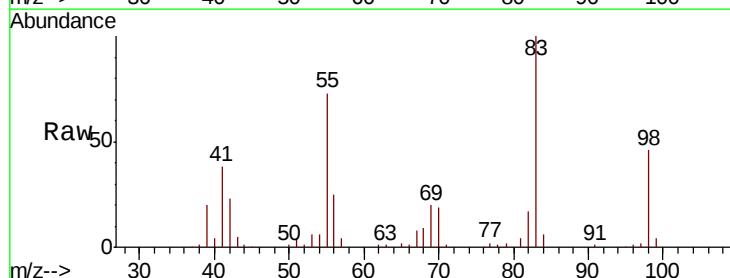
Tgt Ion: 83 Resp: 99927

Ion Ratio Lower Upper

83 100

55 74.5 37.5 112.7

98 46.7 23.1 69.3



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.08

60000

50000

40000

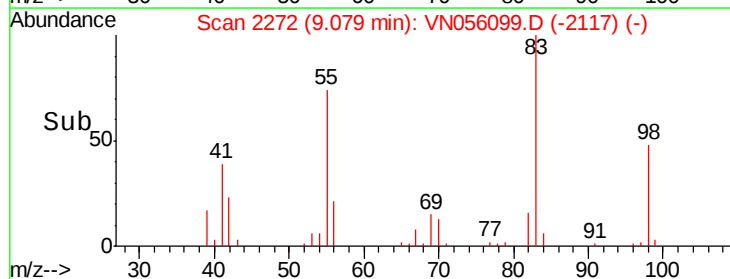
30000

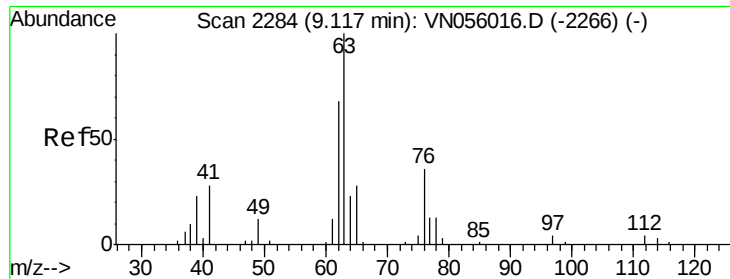
20000

10000

0

Time--> 9.00 9.05 9.10 9.15

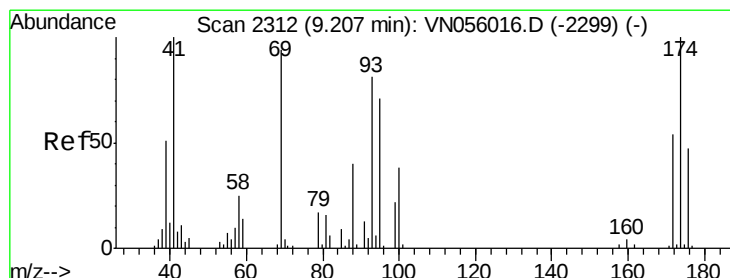
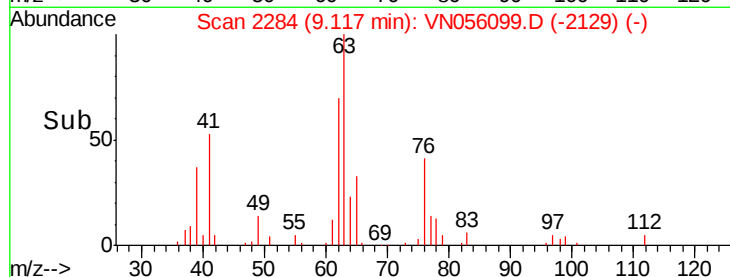
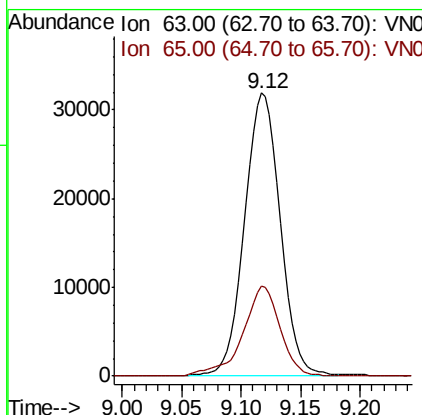
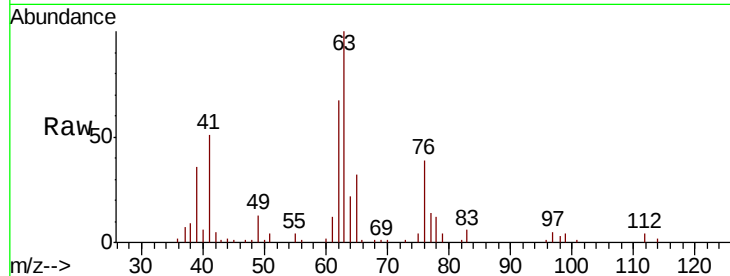




#39
 1,2-Dichloropropane
 Concen: 21.855 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

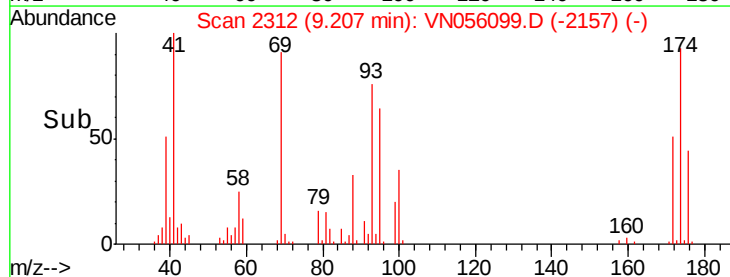
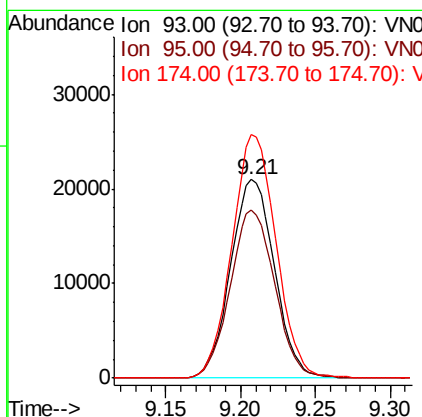
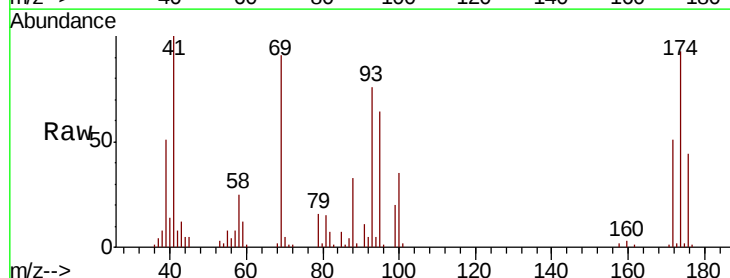
Instrument :
 MSVOA_N
 ClientSampleId :

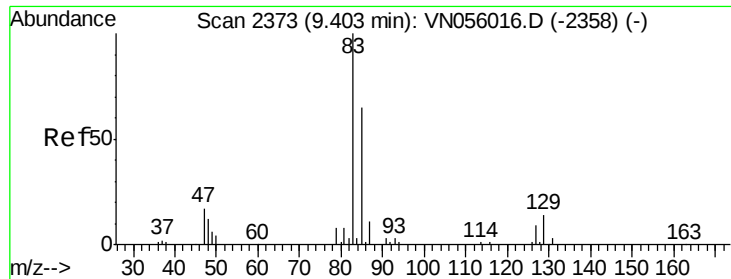
Tot Ion: 63 Resp: 66486
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.1 34.7



#40
 Dibromomethane
 Concen: 21.322 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Tgt Ion: 93 Resp: 43008
 Ion Ratio Lower Upper
 93 100
 95 85.5 0.0 169.0
 174 122.9 0.0 246.4





#41

Bromodichloromethane

Concen: 20.350 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

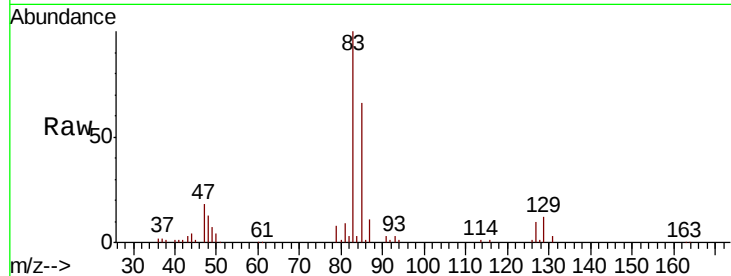
Tot Ion: 83 Resp: 73502

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.6

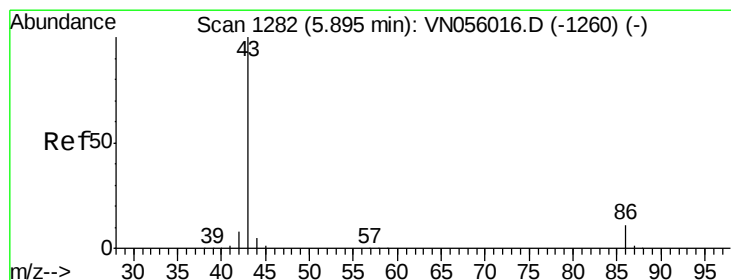
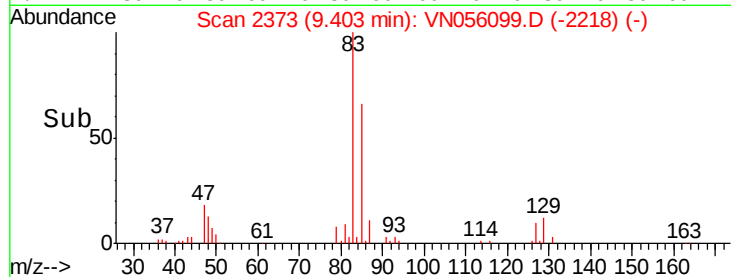
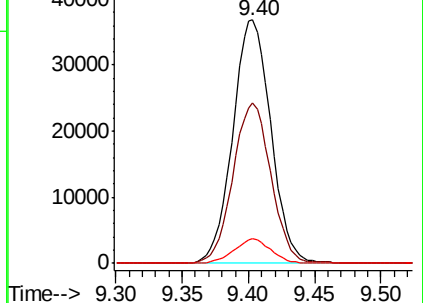
127 11.0 7.3 10.9#



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 107.632 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056099.D

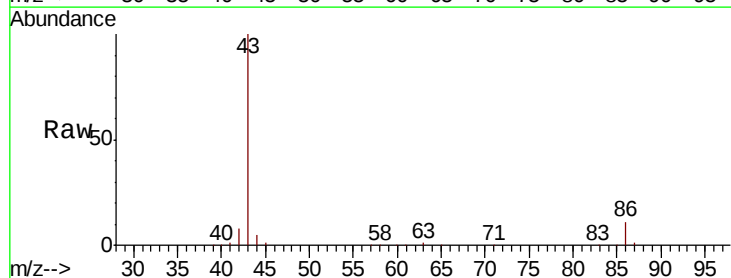
Acq: 7 Jun 2019 14:56

Tgt Ion: 43 Resp: 753100

Ion Ratio Lower Upper

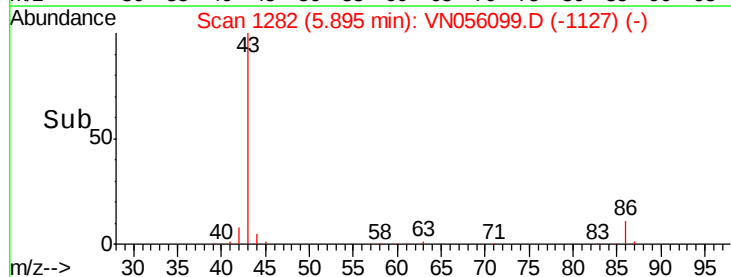
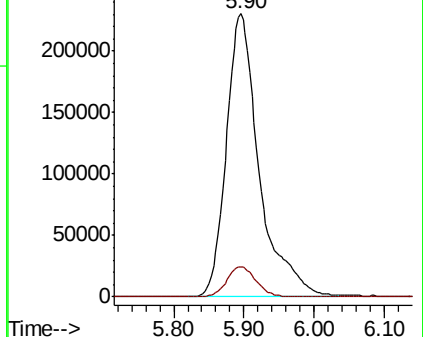
43 100

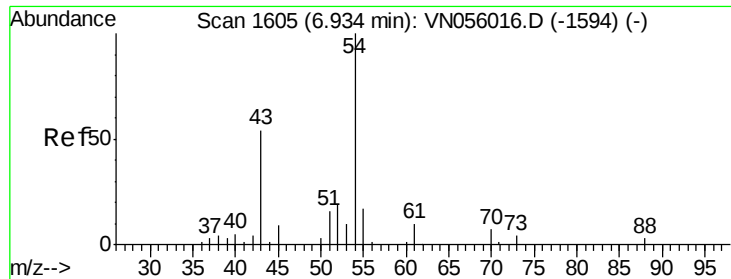
86 9.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

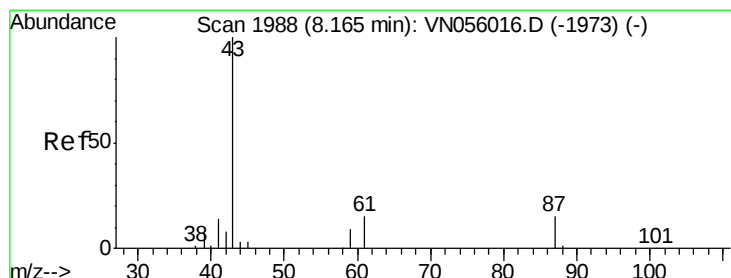
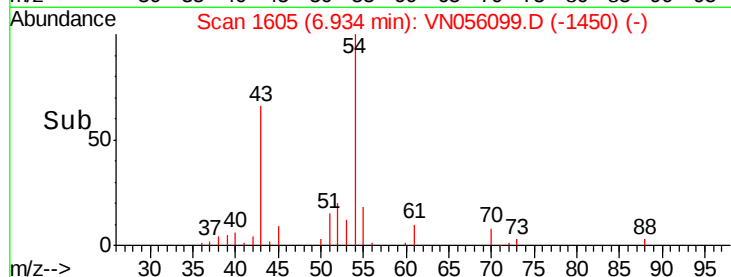
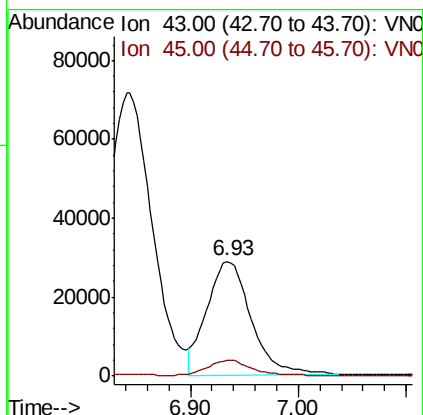
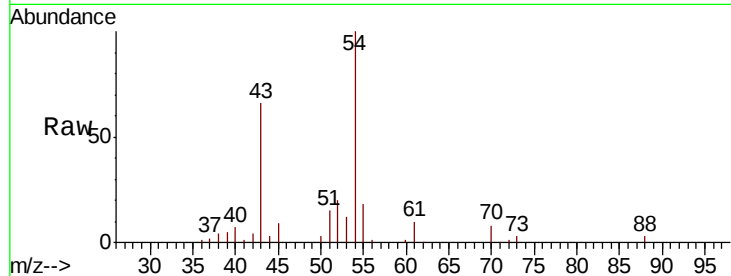




#43
Ethyl Acetate
Concen: 21.844 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

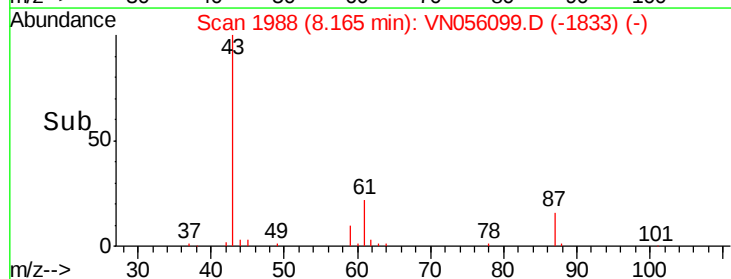
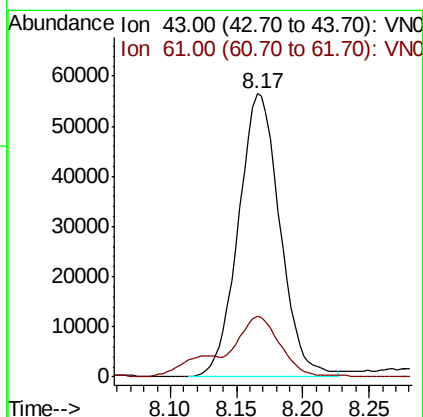
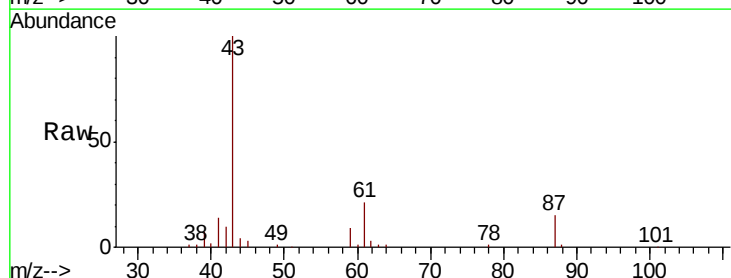
Instrument :
MSVOA_N
ClientSampled :

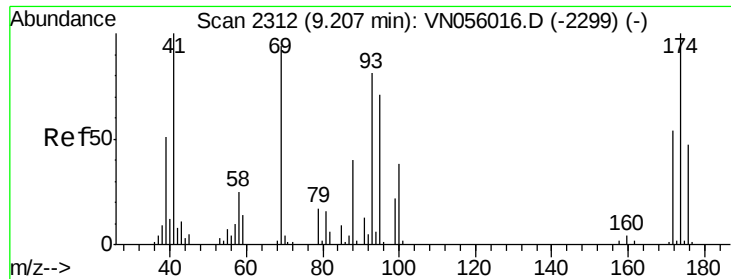
Tot Ion: 43 Resp: 82049
Ion Ratio Lower Upper
43 100
45 12.8 12.3 18.5



#44
Isopropyl Acetate
Concen: 21.133 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 43 Resp: 123247
Ion Ratio Lower Upper
43 100
61 21.4 16.9 25.3

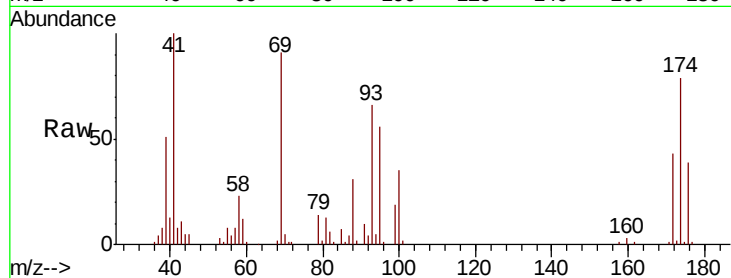




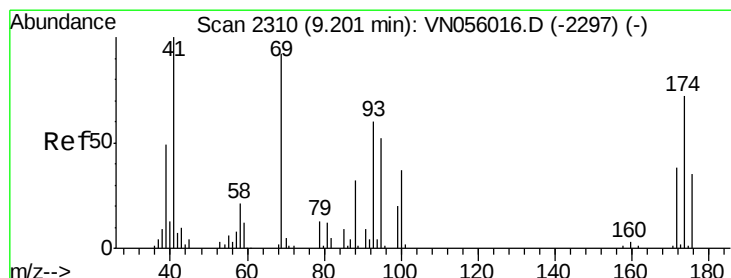
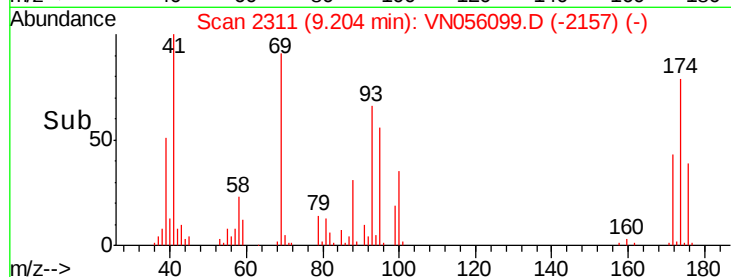
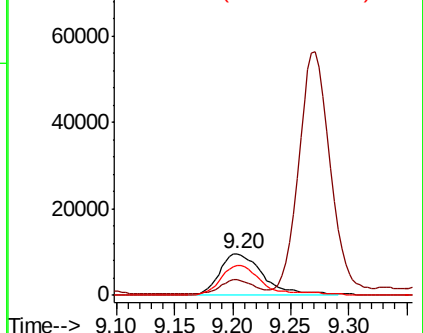
#45
 1,4-Dioxane
 Concen: 405.262 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 25283
 Ion Ratio Lower Upper
 88 100
 43 25.8 19.8 29.6
 58 64.6 48.5 72.7

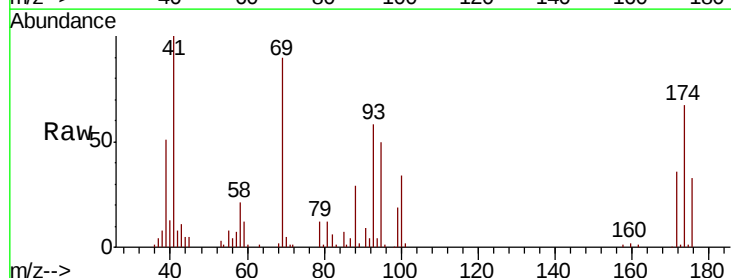


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

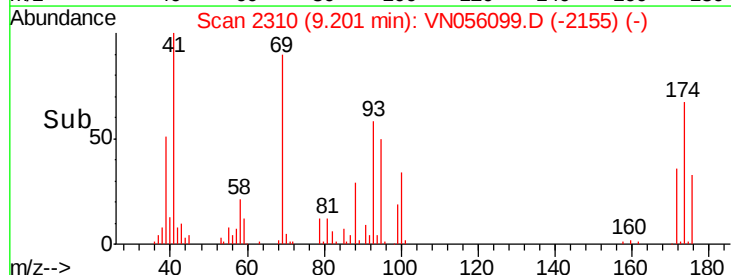
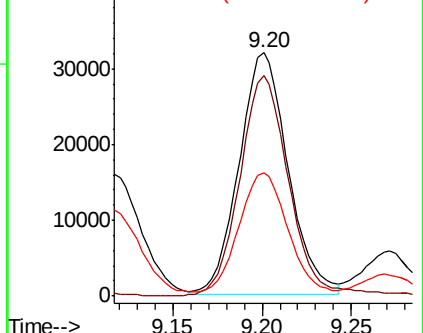


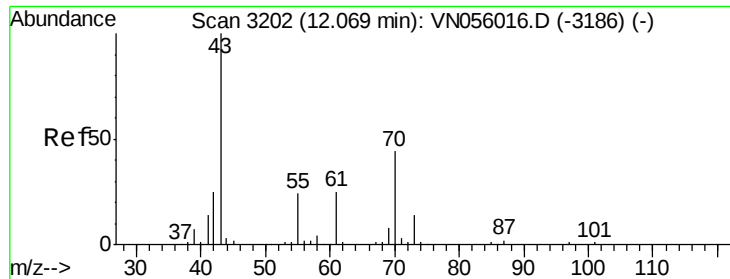
#46
 Methyl methacrylate
 Concen: 21.198 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Tgt Ion: 41 Resp: 61415
 Ion Ratio Lower Upper
 41 100
 69 91.5 46.0 137.8
 39 49.8 24.6 73.8



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





#47

n-amvl Acetate

Concen: 20.465 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

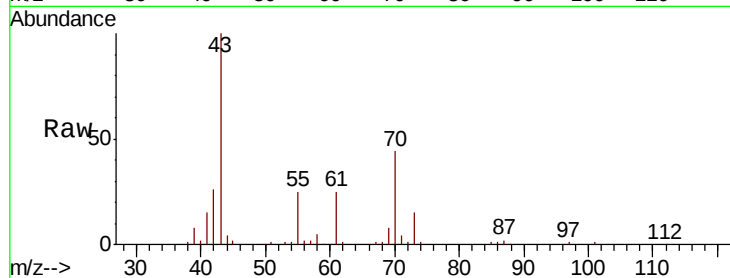
ClientSampleId :

Tot Ion: 43 Resp: 98703

Ion Ratio Lower Upper

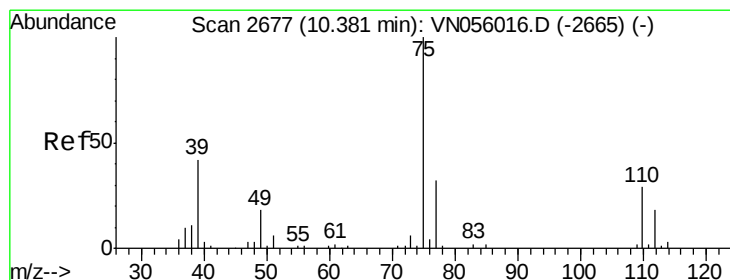
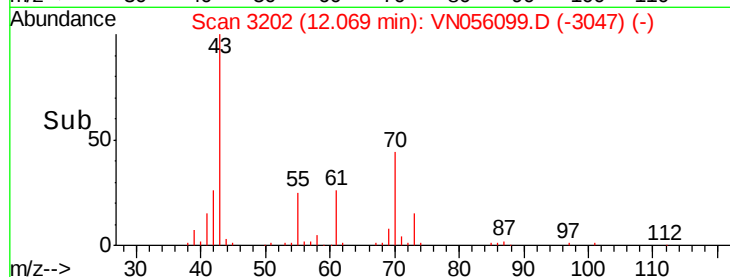
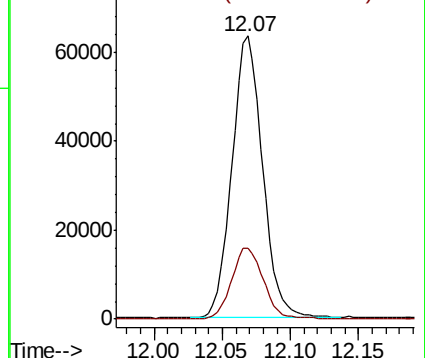
43 100

55 26.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 19.086 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056099.D

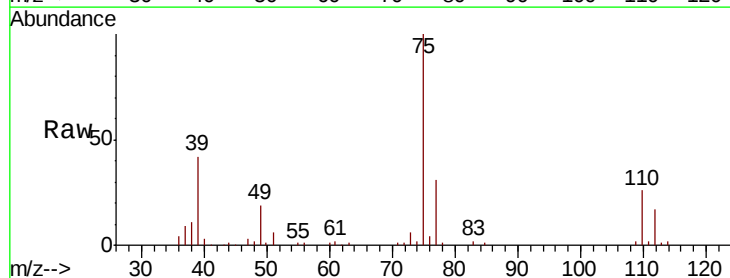
Acq: 7 Jun 2019 14:56

Tgt Ion: 75 Resp: 72549

Ion Ratio Lower Upper

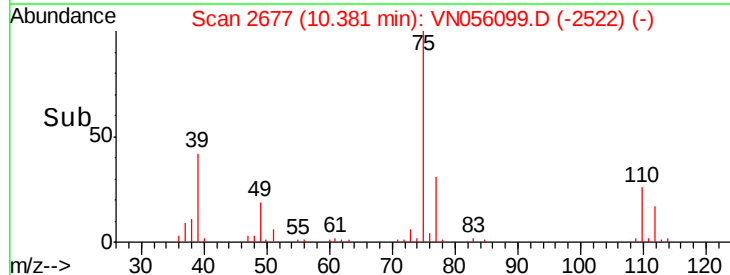
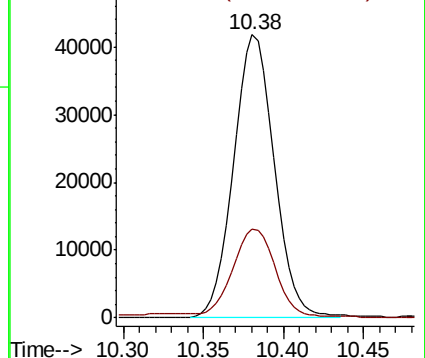
75 100

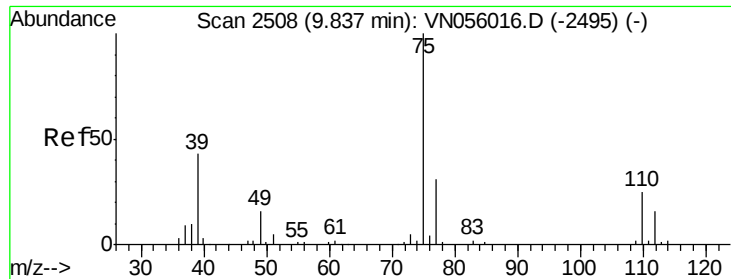
77 30.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

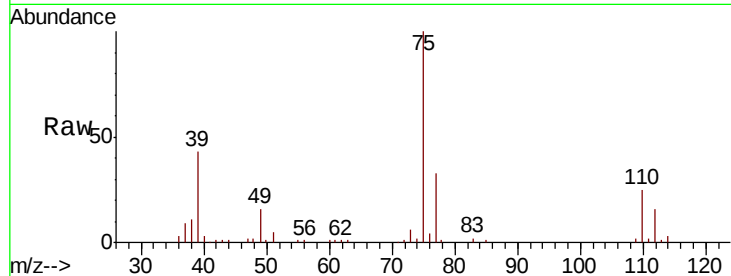




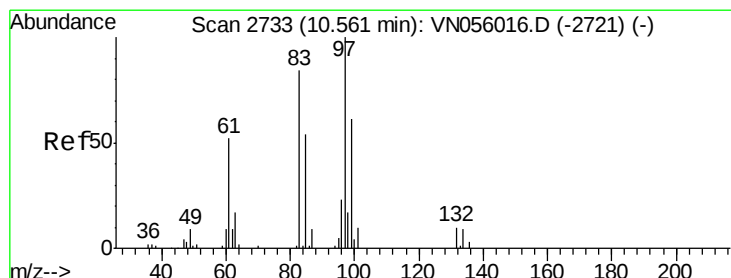
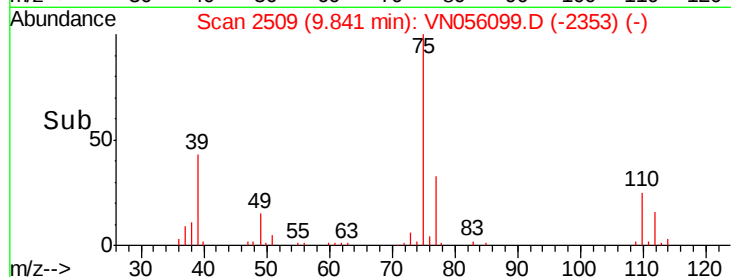
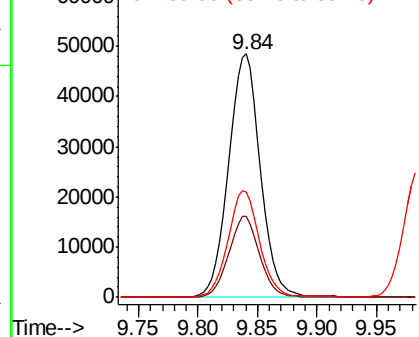
#49
 cis-1,3-Dichloropropene
 Concen: 20.156 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 89713
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.1 37.7
 39 43.3 34.3 51.5

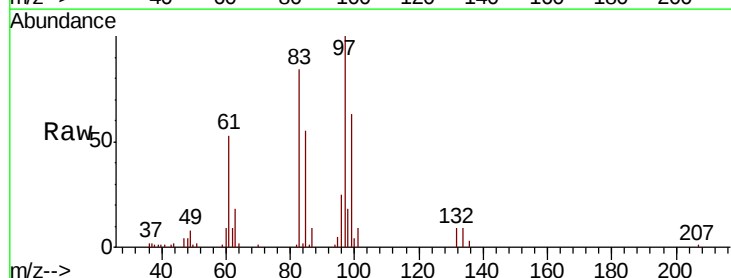


Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

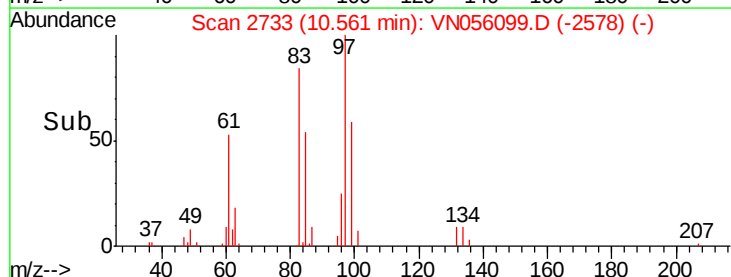
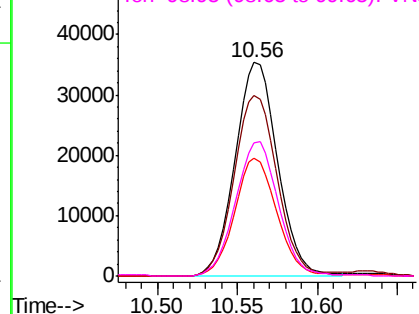


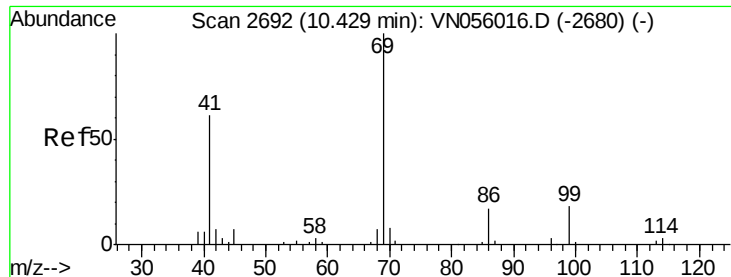
#50
 1,1,2-Trichloroethane
 Concen: 21.396 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Tgt Ion: 97 Resp: 64102
 Ion Ratio Lower Upper
 97 100
 83 84.3 66.9 100.3
 85 55.3 43.3 64.9
 99 62.5 48.6 73.0



Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 20.561 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

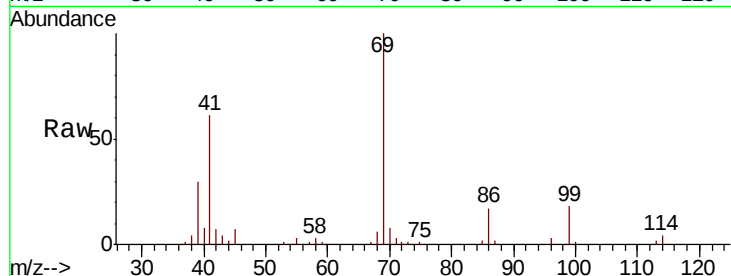
Tot Ion: 69 Resp: 93194

Ion Ratio Lower Upper

69 100

41 60.7 30.8 92.3

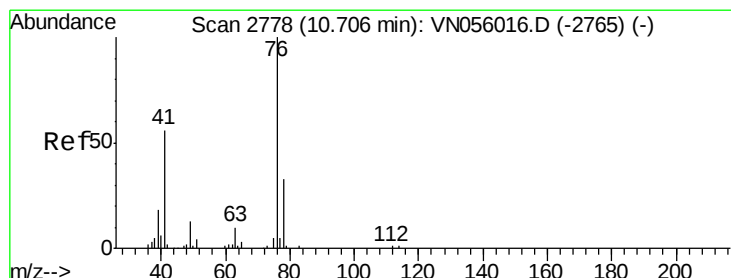
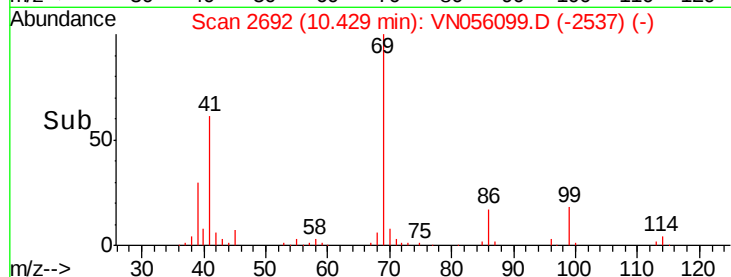
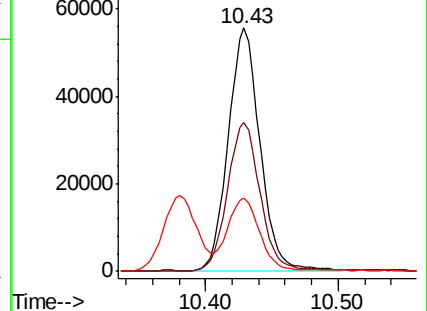
39 29.6 14.5 43.6



Abundance Ion 69.00 (68.70 to 69.70): VN056016.D (-2680) (-)

Ion 41.00 (40.70 to 41.70): VN056016.D (-2680) (-)

Ion 39.00 (38.70 to 39.70): VN056016.D (-2680) (-)



#52

1,3-Dichloropropane

Concen: 21.598 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056099.D

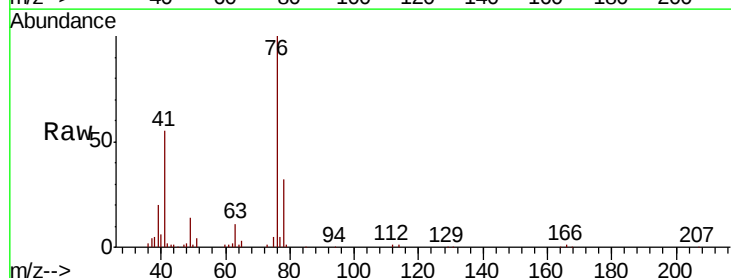
Acq: 7 Jun 2019 14:56

Tgt Ion: 76 Resp: 104904

Ion Ratio Lower Upper

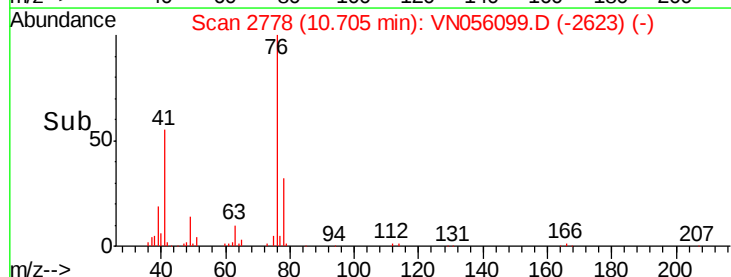
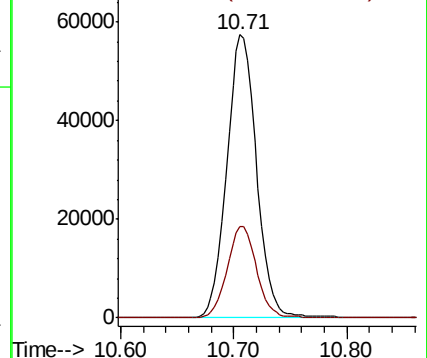
76 100

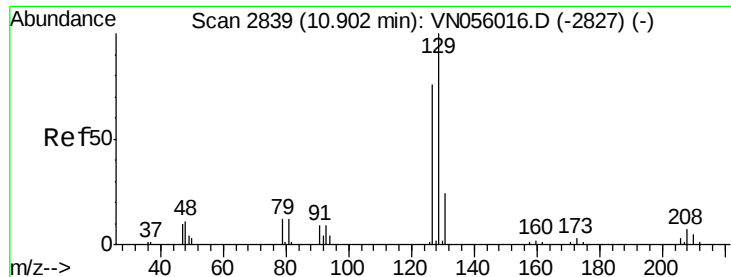
78 32.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN056016.D (-2765) (-)

Ion 78.00 (77.70 to 78.70): VN056016.D (-2765) (-)

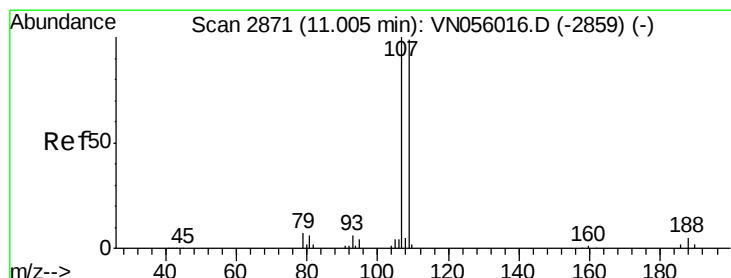
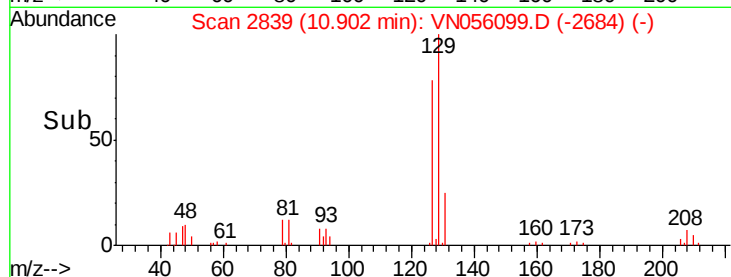
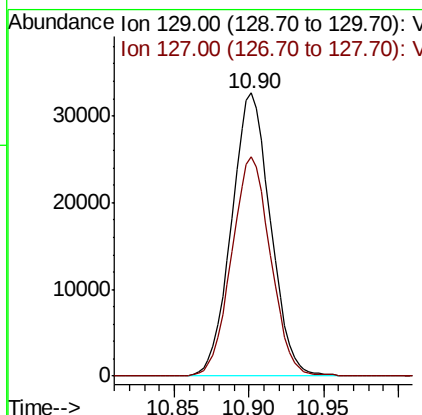
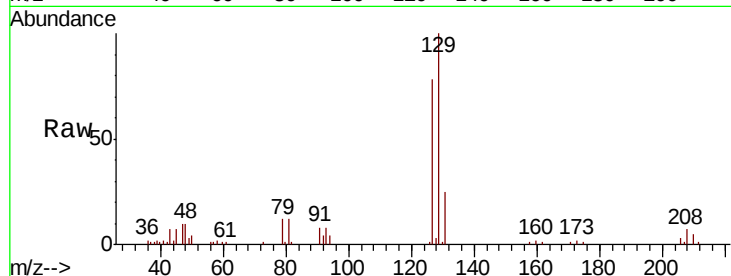




#53
Dibromochloromethane
Concen: 20.186 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

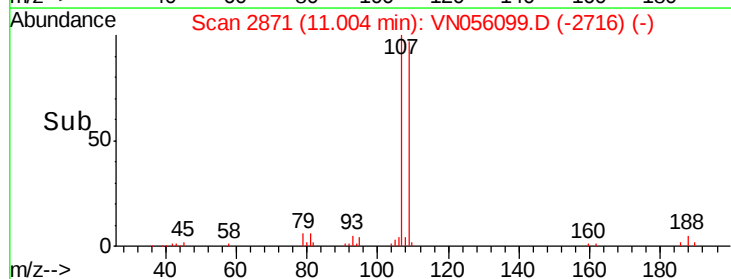
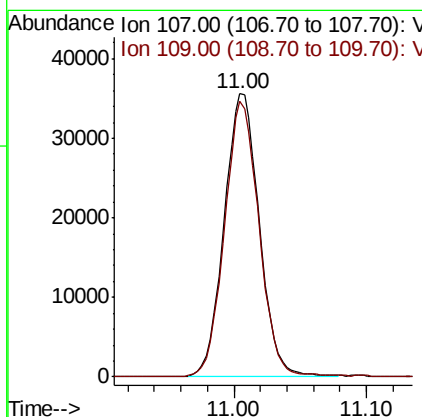
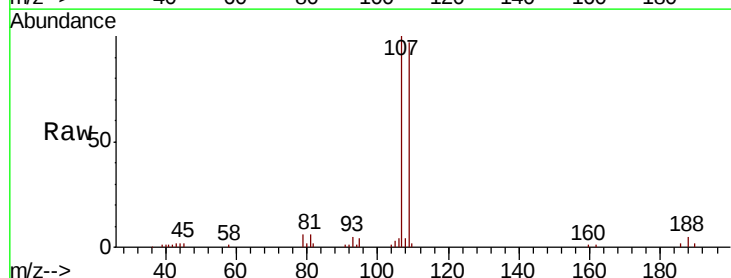
Instrument :
MSVOA_N
ClientSampled :

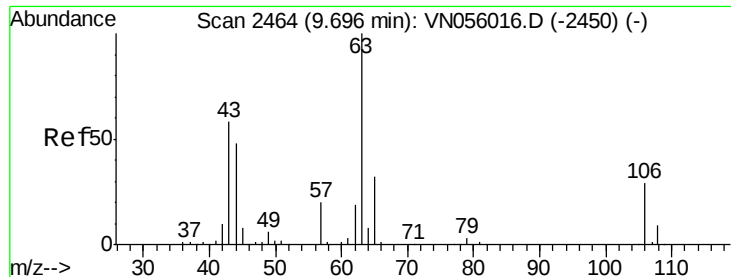
Tot Ion:129 Resp: 59200
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.5



#54
1,2-Dibromoethane
Concen: 20.933 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion:107 Resp: 65443
Ion Ratio Lower Upper
107 100
109 95.6 76.8 115.2

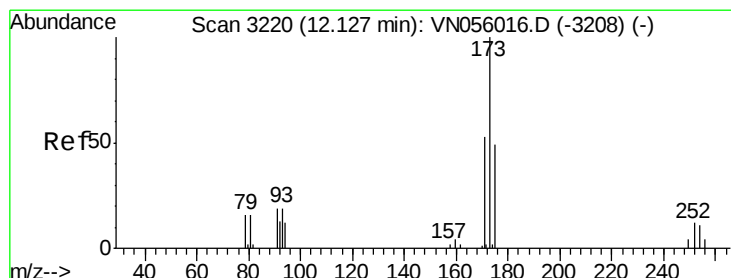
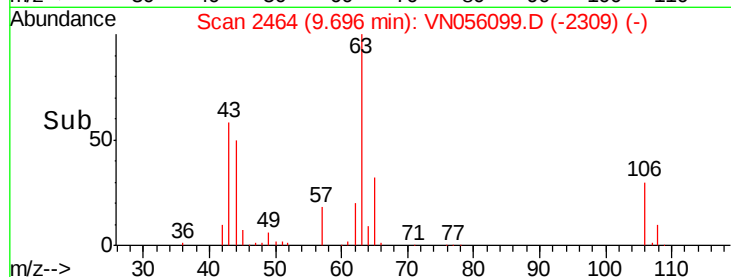
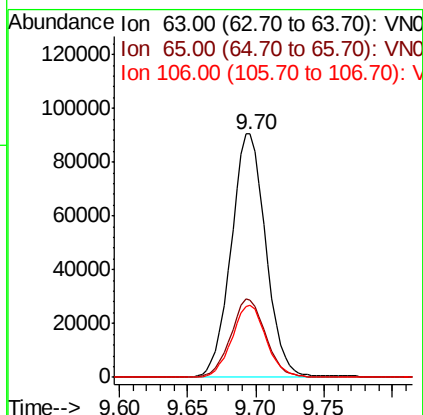
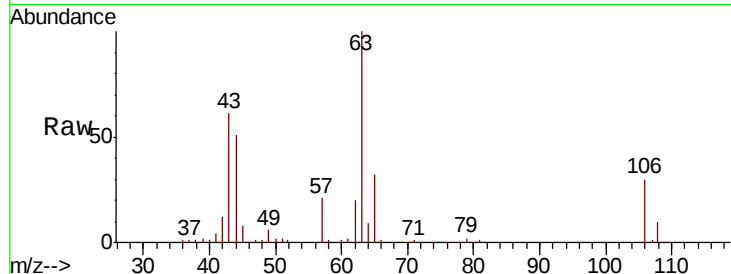




#55
2-Chloroethyl vinyl ether
Concen: 100.756 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

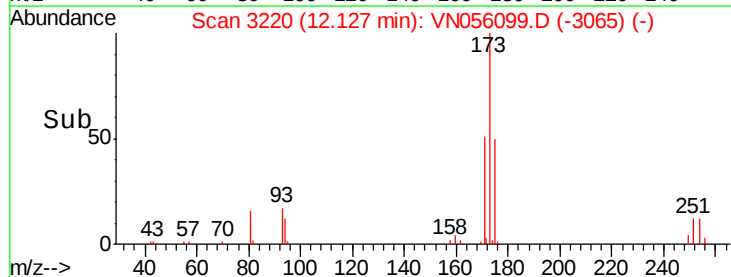
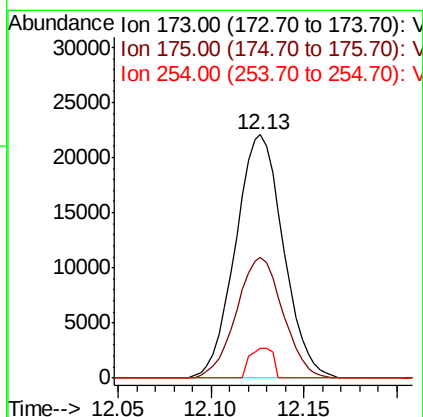
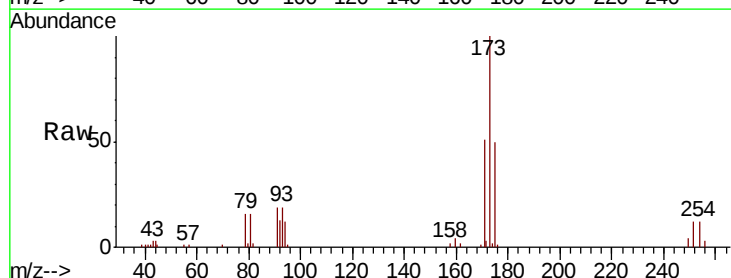
Instrument :
MSVOA_N
ClientSampleId :

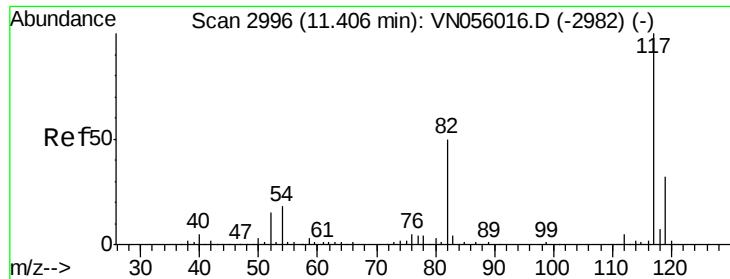
Tot Ion: 63 Resp: 159964
Ion Ratio Lower Upper
63 100
65 32.3 25.5 38.3
106 29.1 23.0 34.4



#56
Bromoform
Concen: 18.598 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 173 Resp: 39458
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 5.9 6.6 9.8#

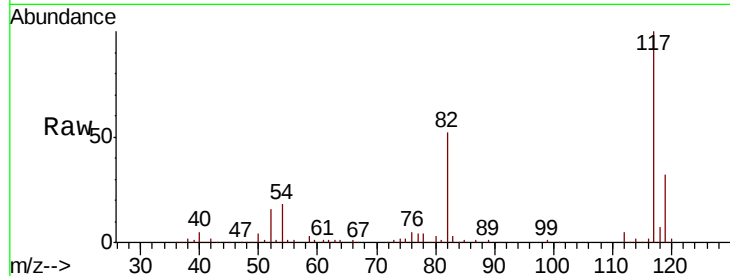




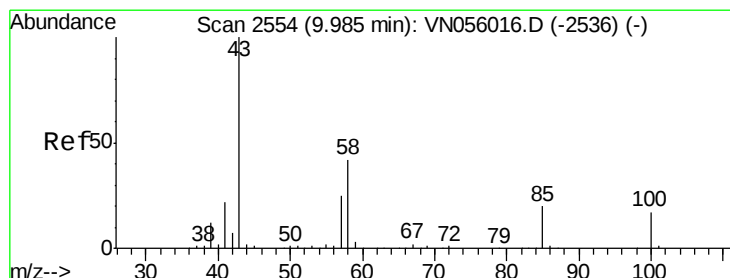
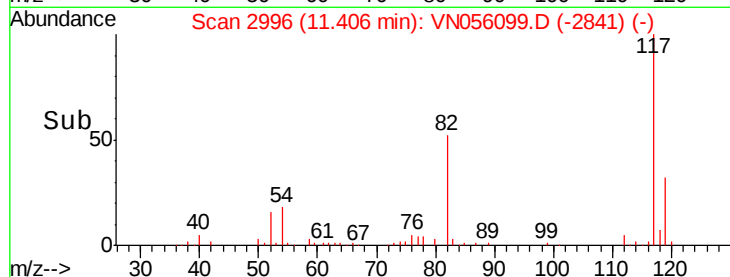
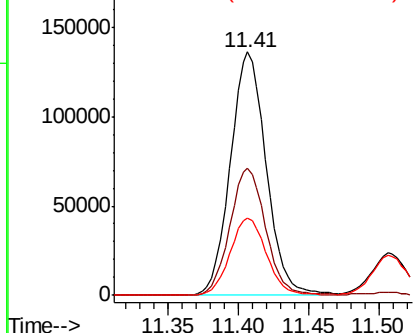
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 242890
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 32.4 26.2 39.2

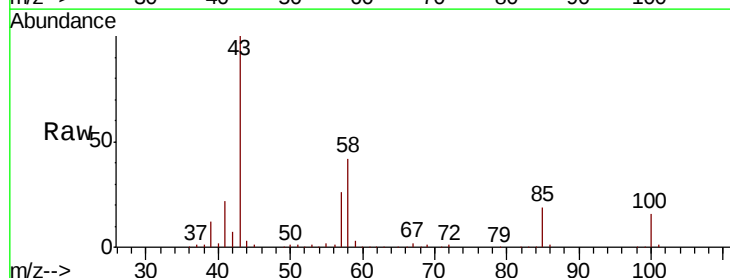


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

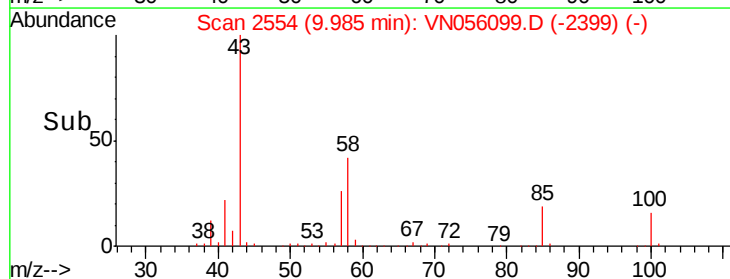
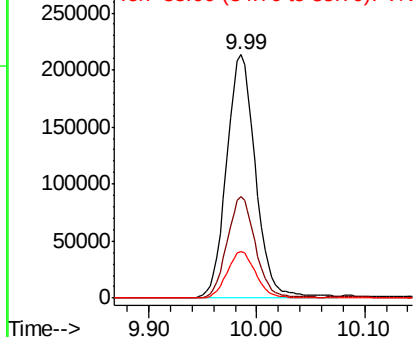


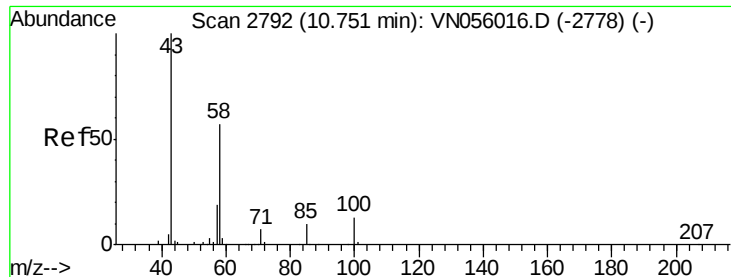
#58
4-Methyl-2-Pentanone
Concen: 108.784 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 43 Resp: 400102
Ion Ratio Lower Upper
43 100
58 40.9 33.1 49.7
85 19.0 15.5 23.3



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

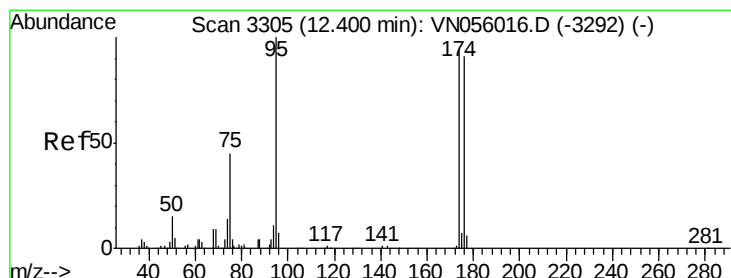
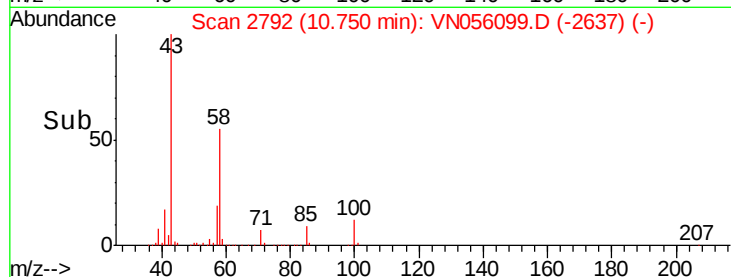
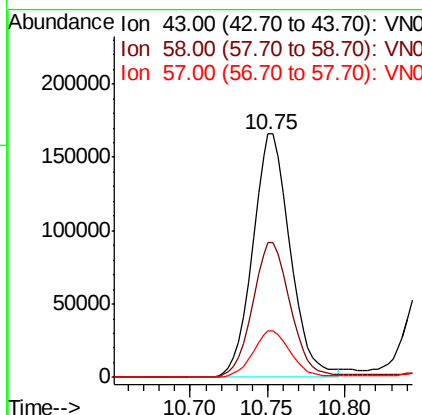
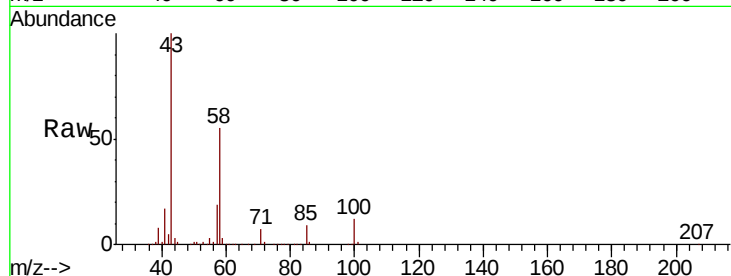




#59
2-Hexanone
Concen: 106.170 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

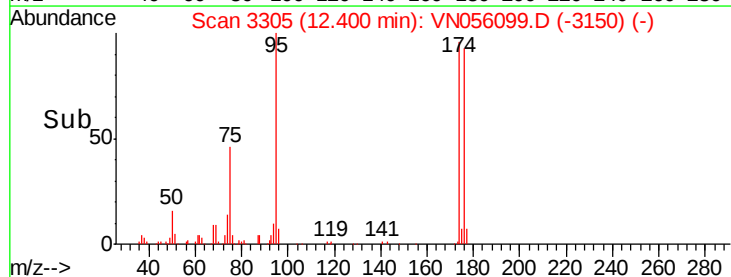
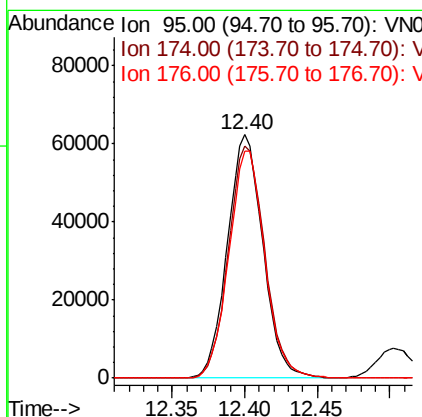
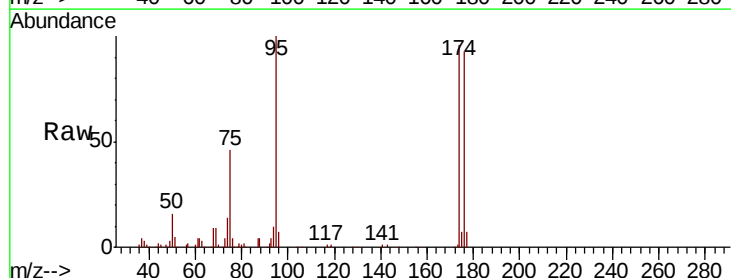
Instrument :
MSVOA_N
ClientSampled :

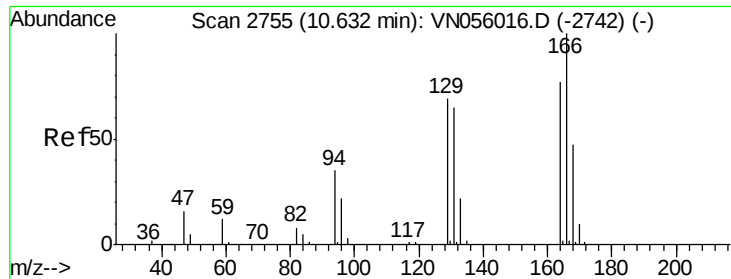
Tot Ion	Ratio	Lower	Upper
43	100		
58	57.3	45.3	67.9
57	19.4	15.6	23.4



#60
4-Bromofluorobenzene
Concen: 29.412 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.3	75.4	113.0
176	94.3	73.9	110.9





#61

Tetrachloroethene

Concen: 21.734 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 73572

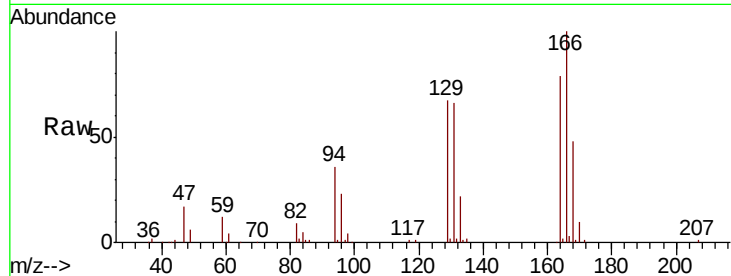
Ion Ratio Lower Upper

164 100

166 126.8 104.3 156.5

129 85.4 71.5 107.3

131 84.1 67.7 101.5

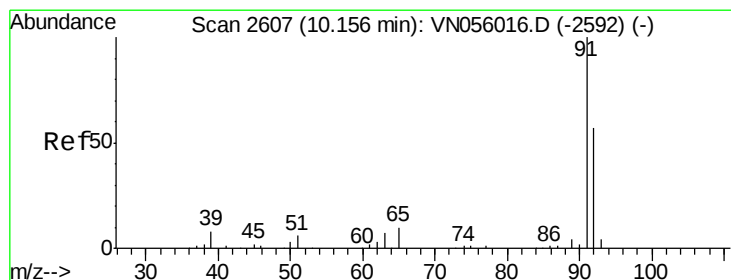
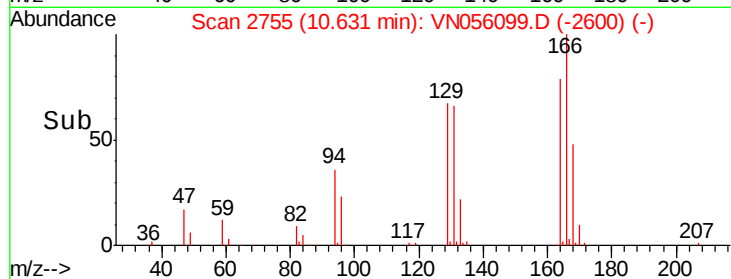
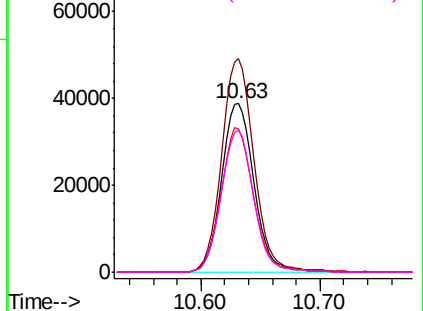


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.233 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056099.D

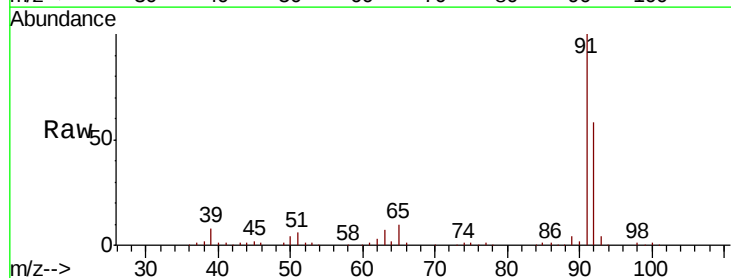
Acq: 7 Jun 2019 14:56

Tgt Ion: 91 Resp: 278414

Ion Ratio Lower Upper

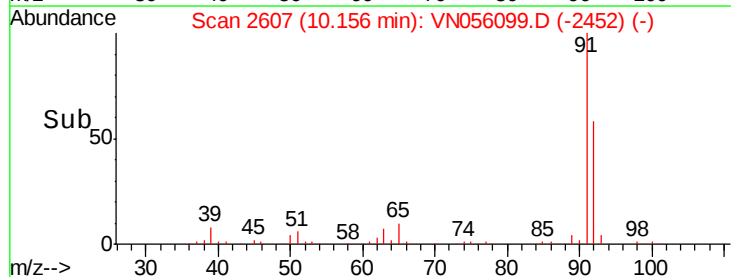
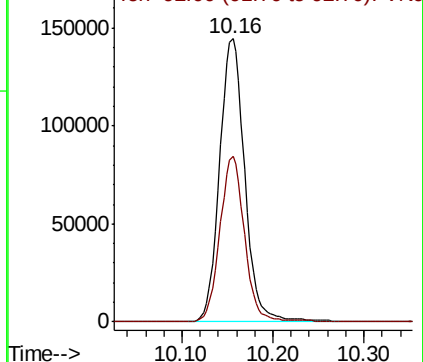
91 100

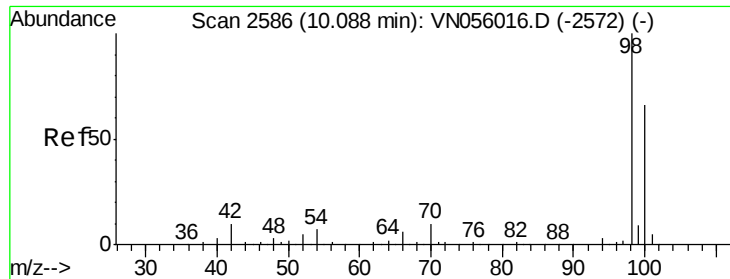
92 57.4 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.170 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

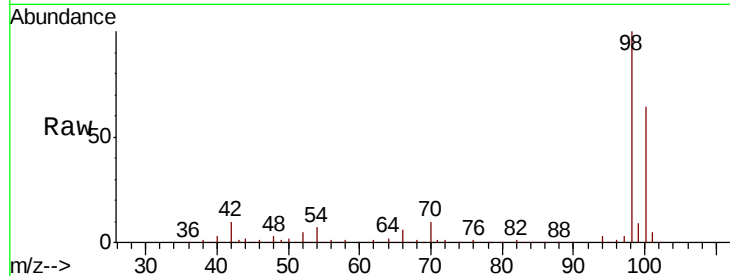
ClientSampleId :

Tot Ion: 98 Resp: 332416

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056016.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN056099.D (-2431) (-)

200000

150000

100000

50000

0

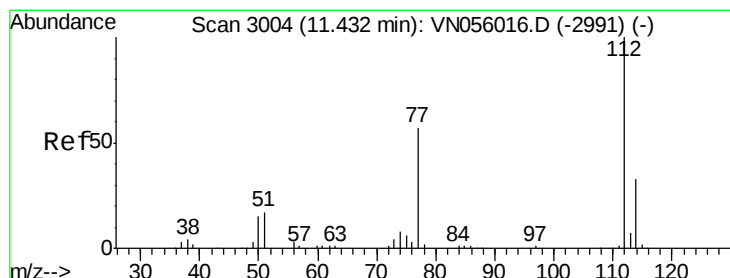
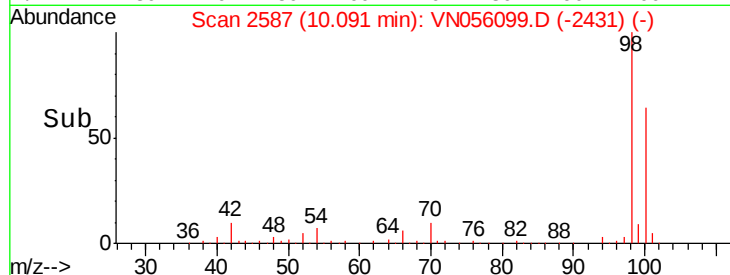
10.00

10.09

10.10

10.20

Time-->



#64

Chlorobenzene

Concen: 21.007 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056099.D

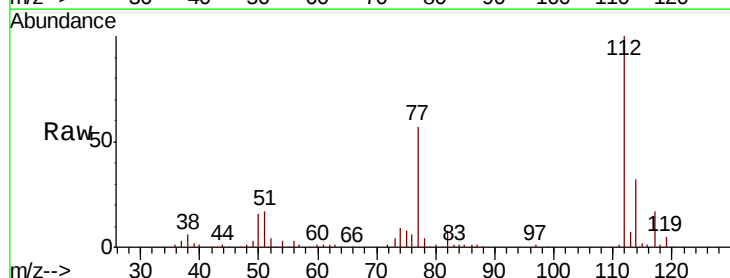
Acq: 7 Jun 2019 14:56

Tgt Ion: 112 Resp: 167077

Ion Ratio Lower Upper

112 100

114 32.5 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): VN056016.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN056099.D (-2849) (-)

100000

80000

60000

40000

20000

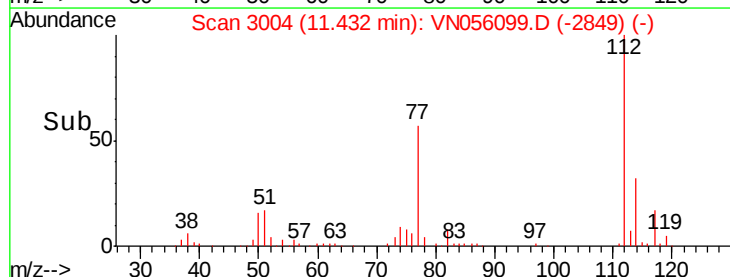
0

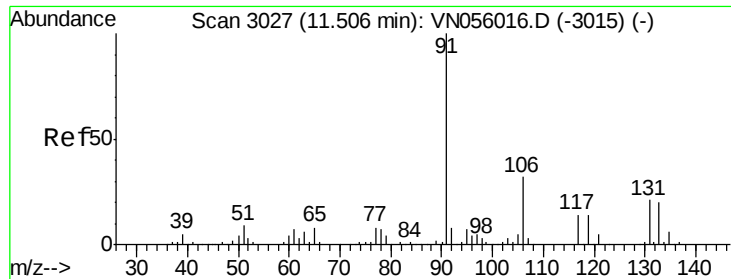
11.40

11.43

11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.387 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

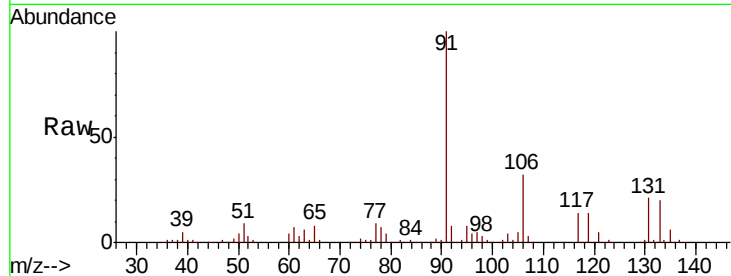
Tot Ion:131 Resp: 58469

Ion Ratio Lower Upper

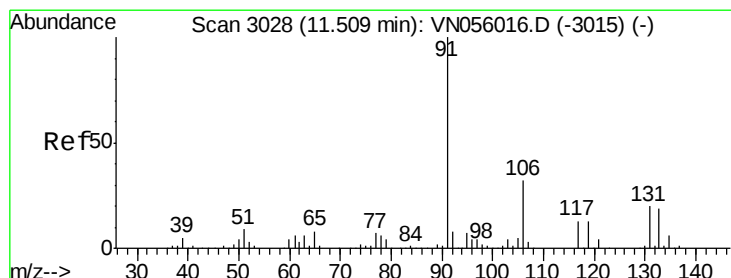
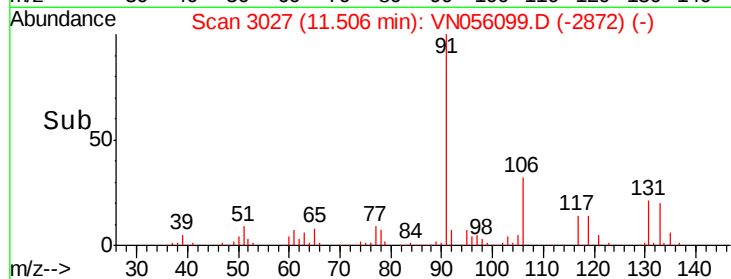
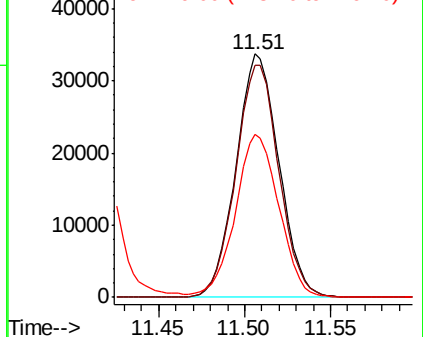
131 100

133 95.9 0.0 193.8

119 67.8 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.058 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056099.D

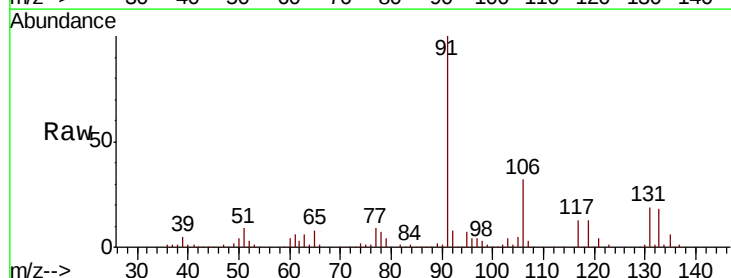
Acq: 7 Jun 2019 14:56

Tgt Ion: 91 Resp: 294090

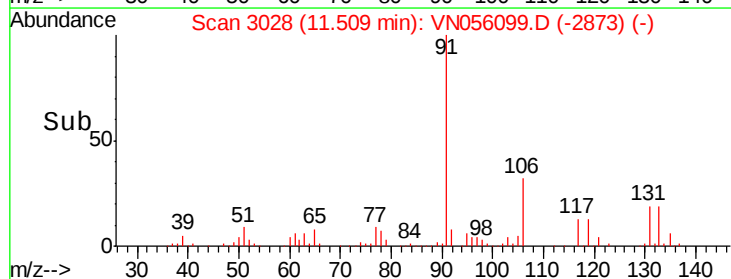
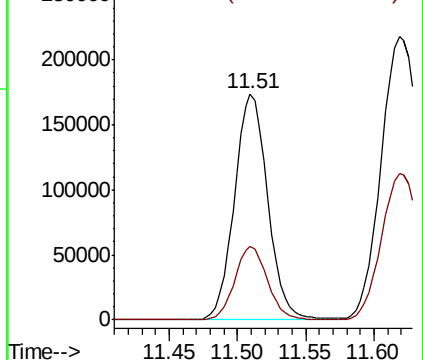
Ion Ratio Lower Upper

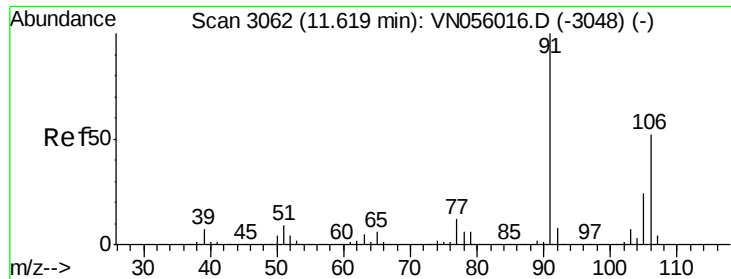
91 100

106 32.4 25.7 38.5



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

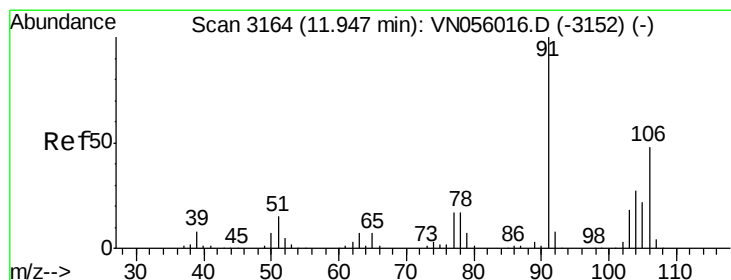
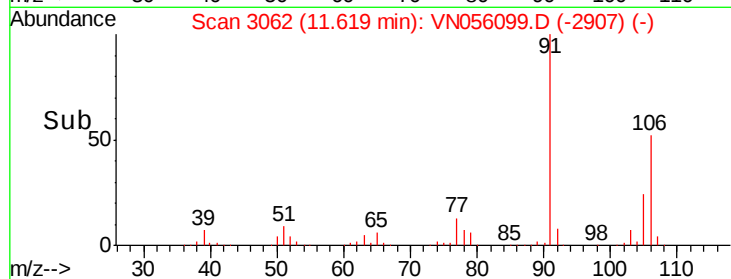
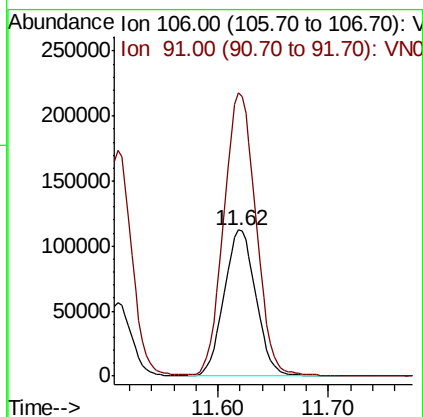
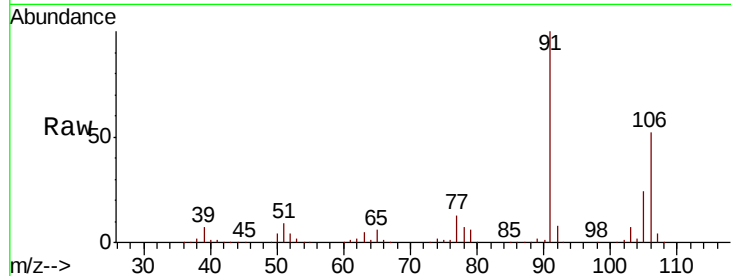




#67
m/p-Xylenes
Concen: 42.183 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

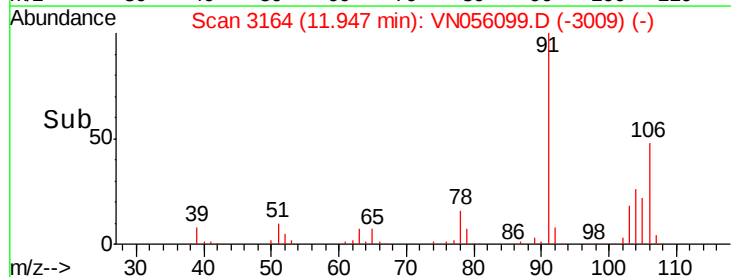
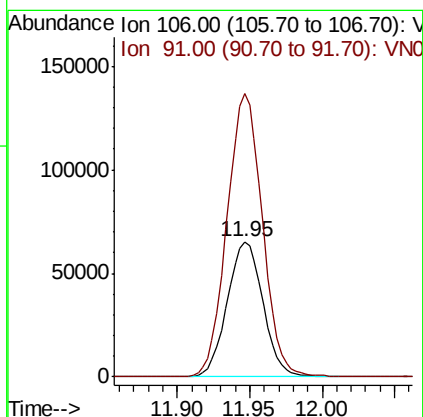
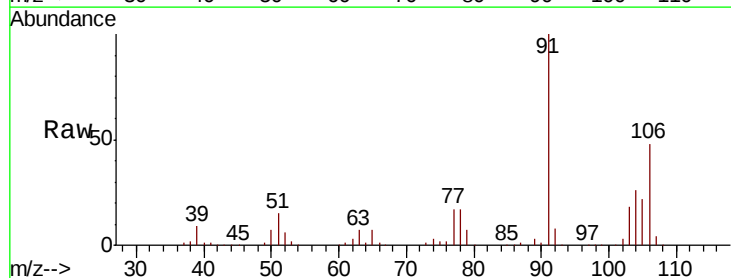
Instrument :
MSVOA_N
ClientSampleId :

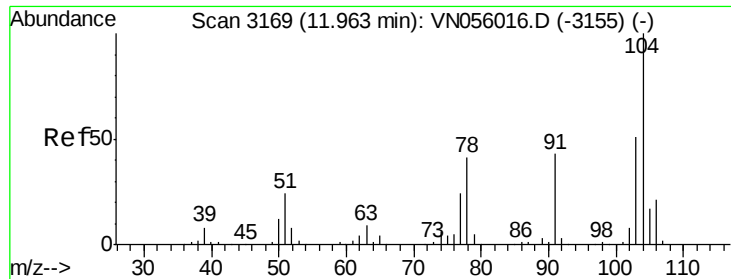
Tot Ion:106 Resp: 225491
Ion Ratio Lower Upper
106 100
91 195.9 155.7 233.5



#68
o-Xylene
Concen: 21.277 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion:106 Resp: 111346
Ion Ratio Lower Upper
106 100
91 208.2 103.9 311.7

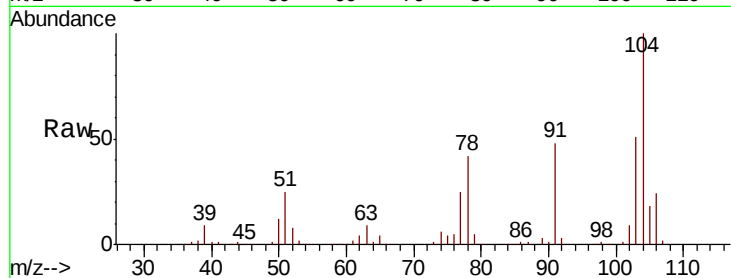




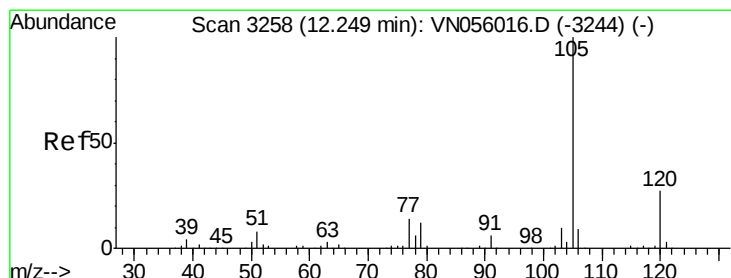
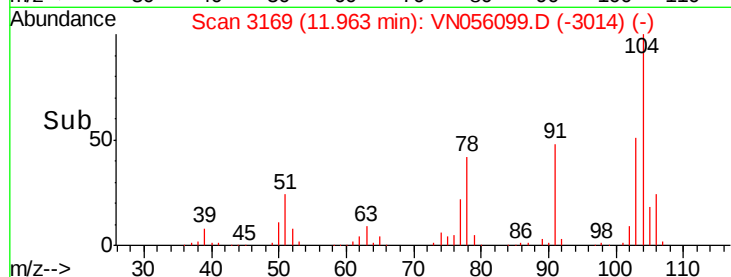
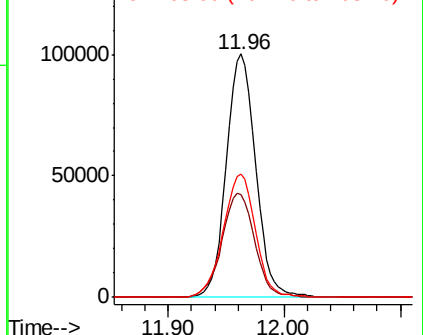
#69
Stvrene
Concen: 20.583 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:104 Resp: 175008
Ion Ratio Lower Upper
104 100
78 47.8 37.0 55.6
103 55.6 44.4 66.6

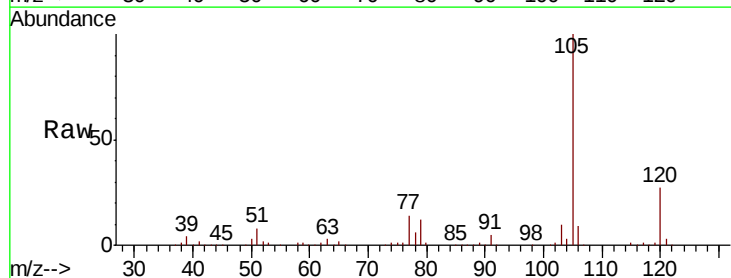


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

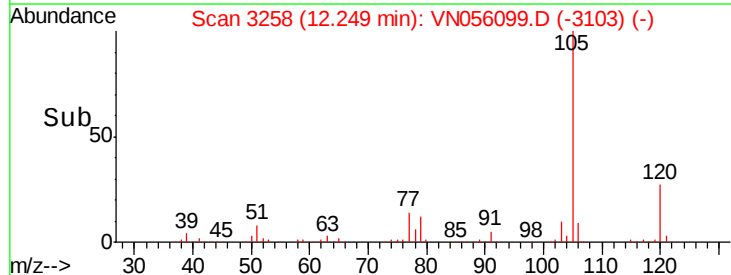
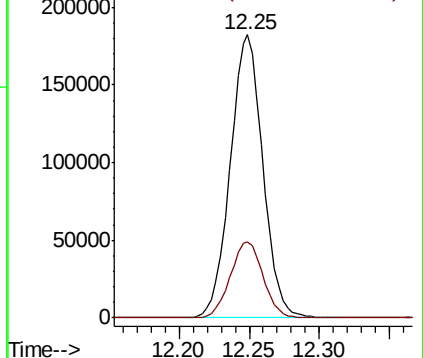


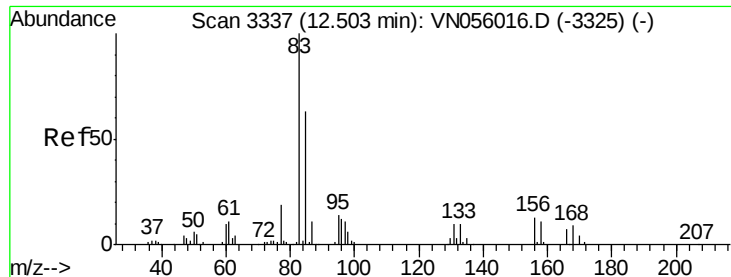
#70
Isopropylbenzene
Concen: 21.482 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion:105 Resp: 293731
Ion Ratio Lower Upper
105 100
120 27.2 19.3 35.8



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

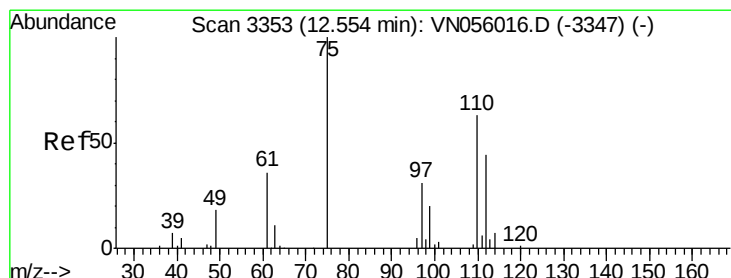
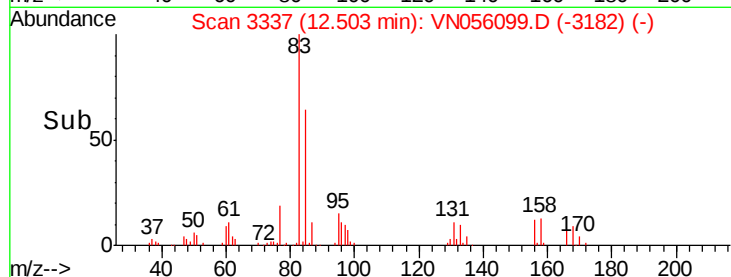
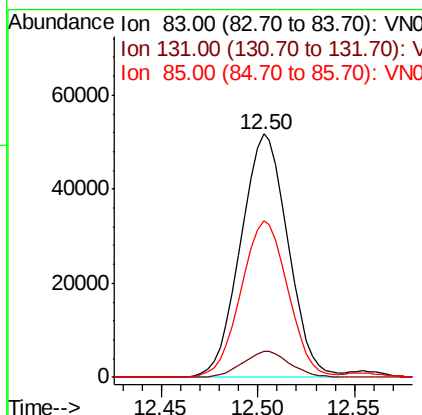
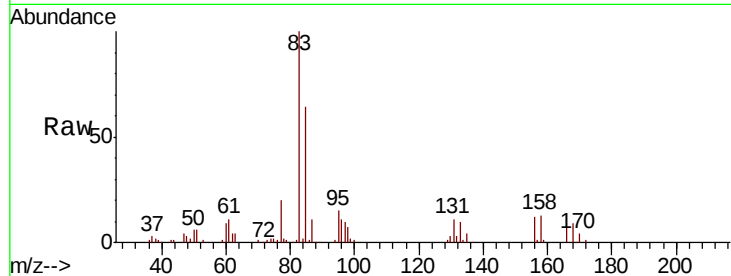




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.414 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

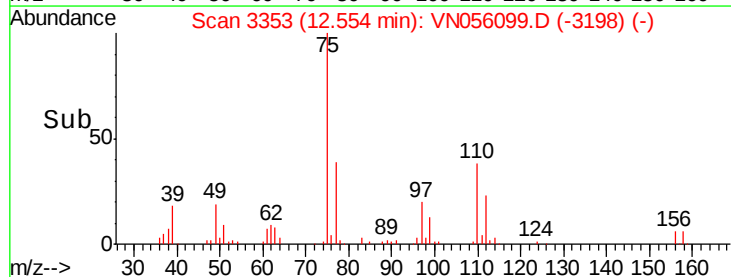
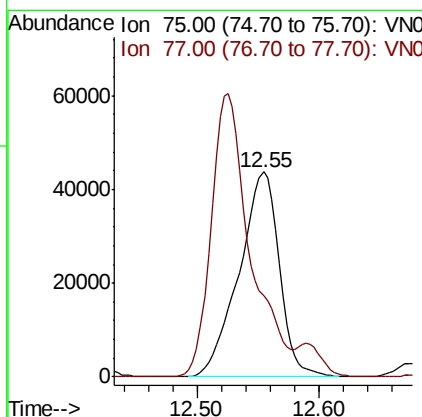
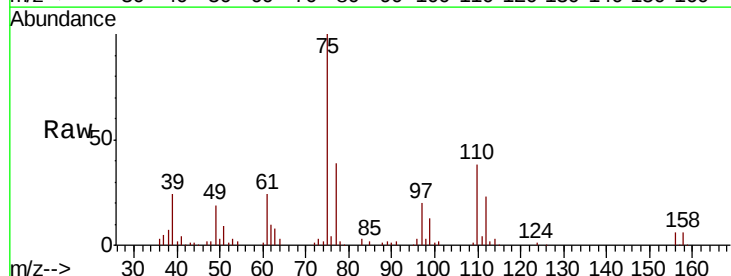
Instrument :
 MSVOA_N
 ClientSampleId :

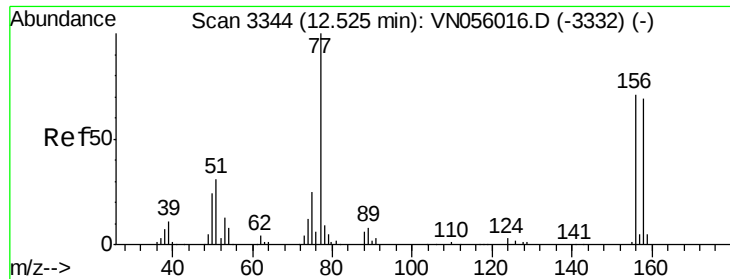
Tot Ion	83	Resp	88276
Ion Ratio	100		
Lower	5.2		
Upper	15.6		
85	63.9		
	31.6		
	94.7		



#72
 1,2,3-Trichloropropane
 Concen: 27.951 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Tgt Ion	75	Resp	99748
Ion Ratio	100		
Lower	0.0		
Upper	350.0		
77	134.6		





#73

Bromobenzene

Concen: 21.096 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

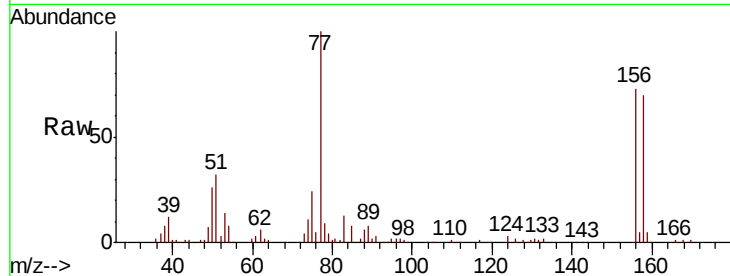
Tot Ion:156 Resp: 76564

Ion Ratio Lower Upper

156 100

77 175.4 0.0 350.8

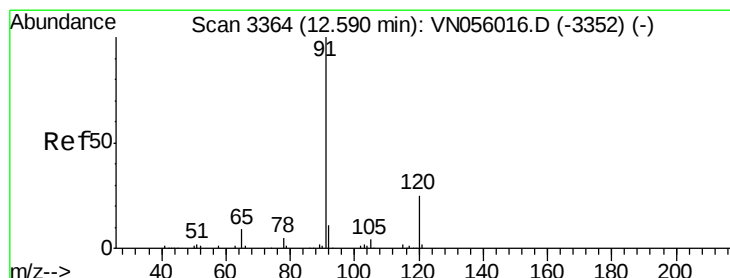
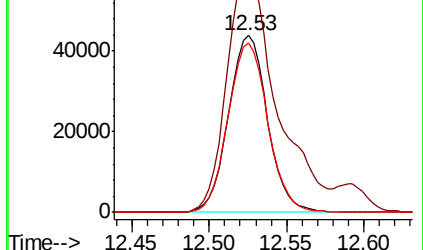
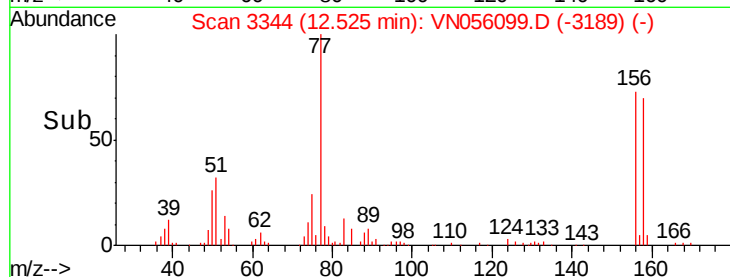
158 97.9 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.214 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056099.D

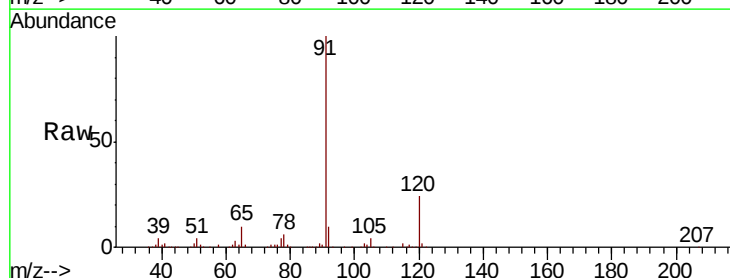
Acq: 7 Jun 2019 14:56

Tgt Ion: 91 Resp: 306105

Ion Ratio Lower Upper

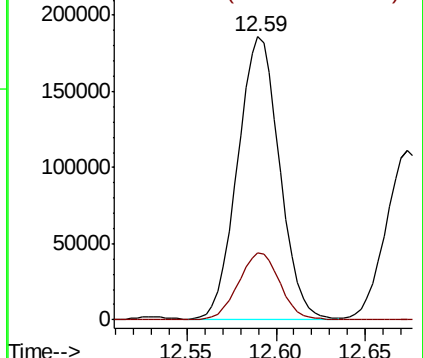
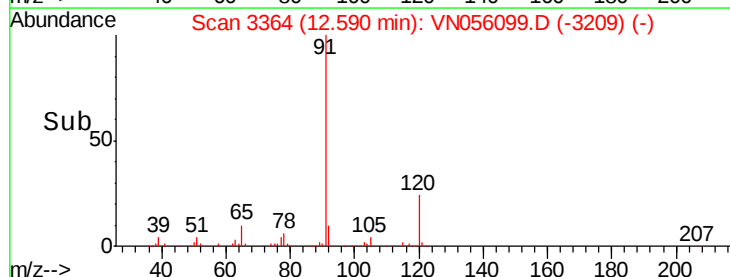
91 100

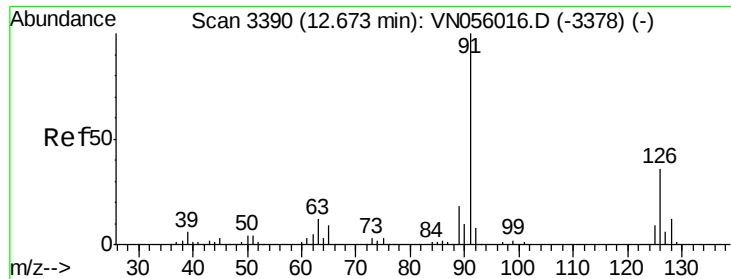
120 23.5 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.216 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

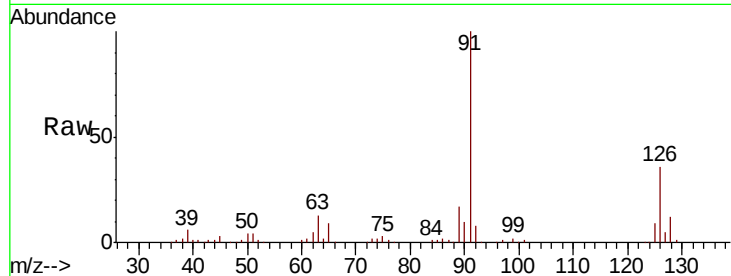
ClientSampled :

Tot Ion: 91 Resp: 189881

Ion Ratio Lower Upper

91 100

126 36.0 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN056016.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN056016.D (-3378) (-)

150000

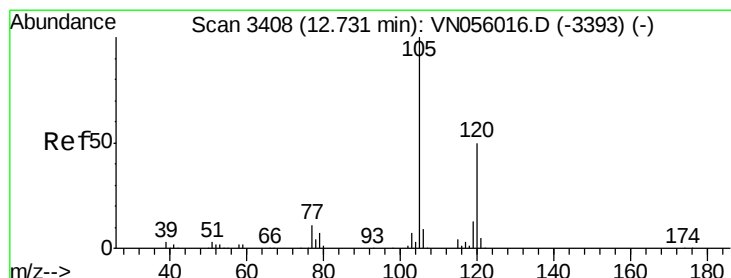
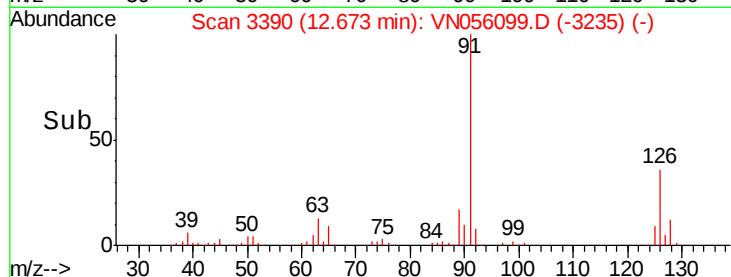
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 21.229 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056099.D

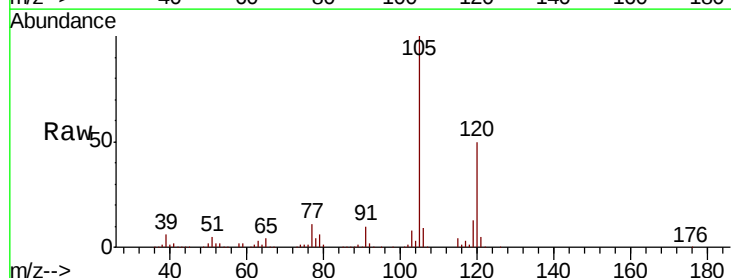
Acq: 7 Jun 2019 14:56

Tgt Ion: 105 Resp: 238759

Ion Ratio Lower Upper

105 100

120 49.3 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056016.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN056016.D (-3393) (-)

150000

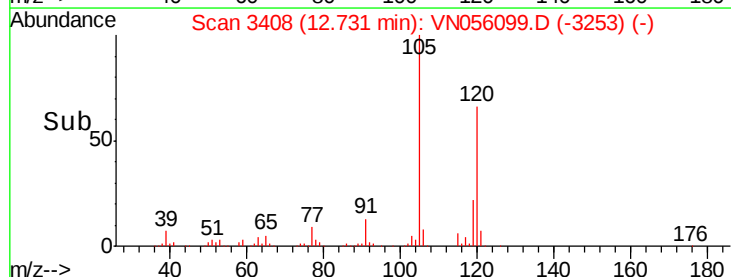
100000

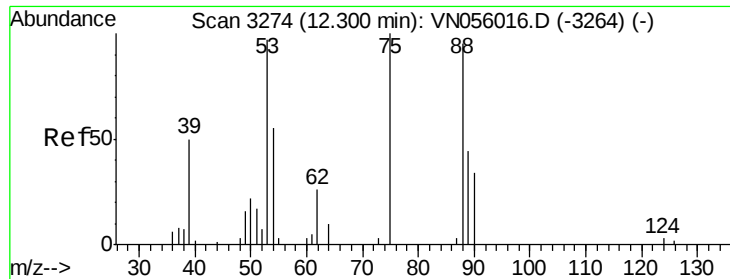
50000

0

12.65 12.70 12.75 12.80

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.481 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

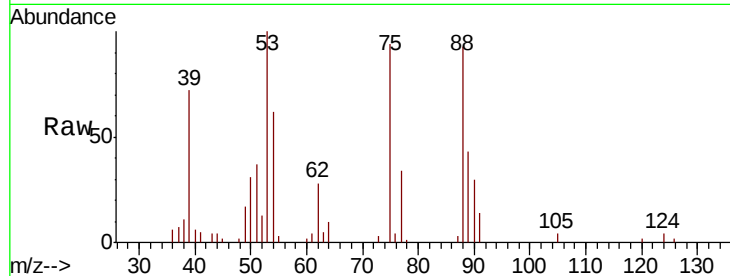
Tot Ion: 75 Resp: 17801

Ion Ratio Lower Upper

75 100

53 106.3 48.0 144.0

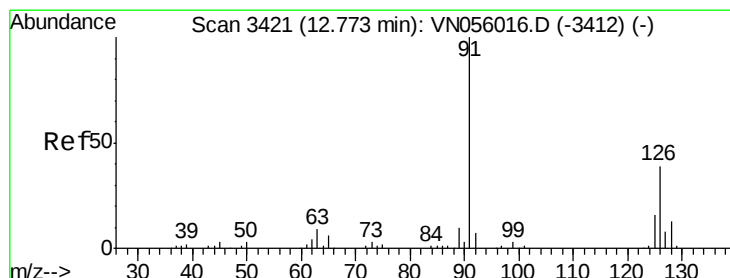
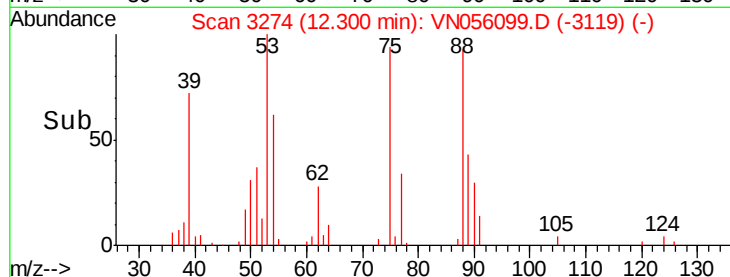
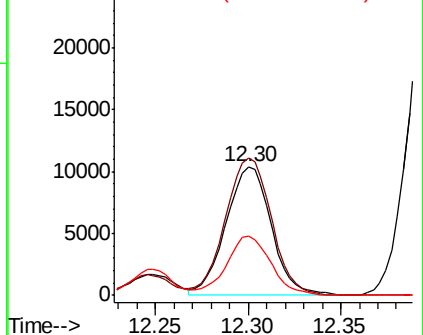
89 45.6 22.5 67.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 20.553 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056099.D

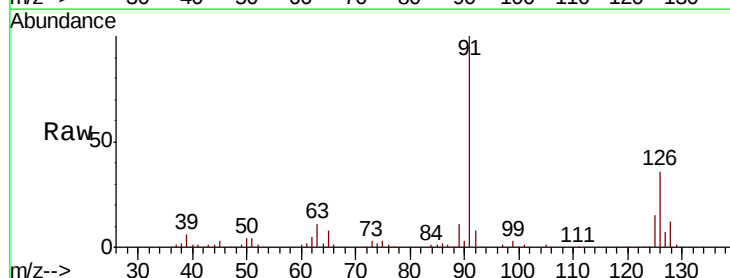
Acq: 7 Jun 2019 14:56

Tgt Ion: 91 Resp: 171790

Ion Ratio Lower Upper

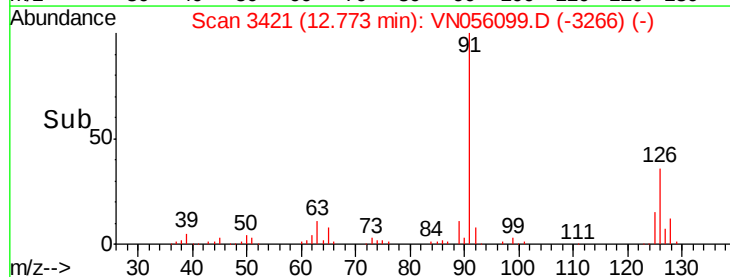
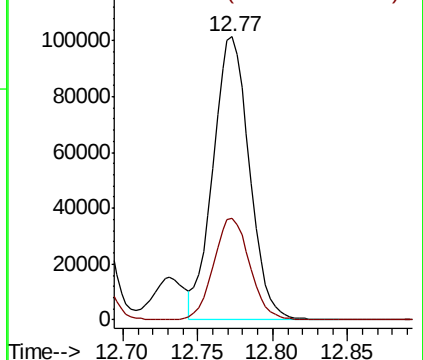
91 100

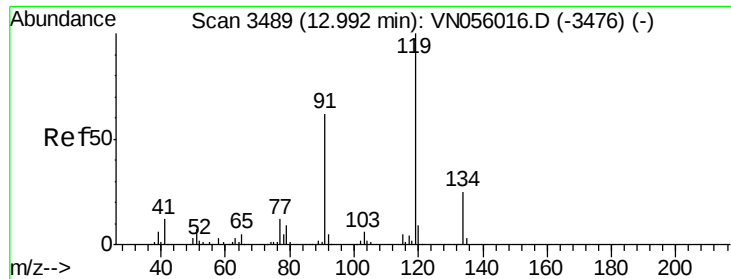
126 35.8 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

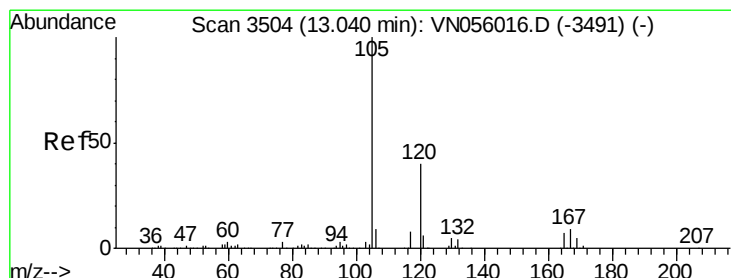
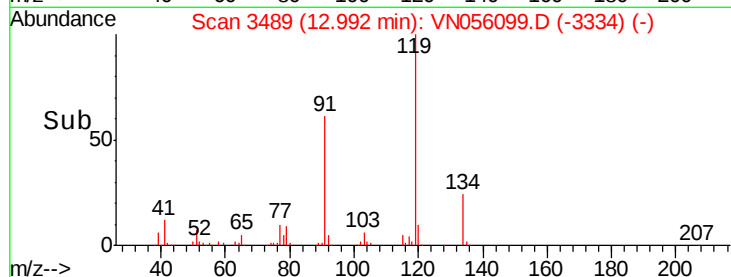
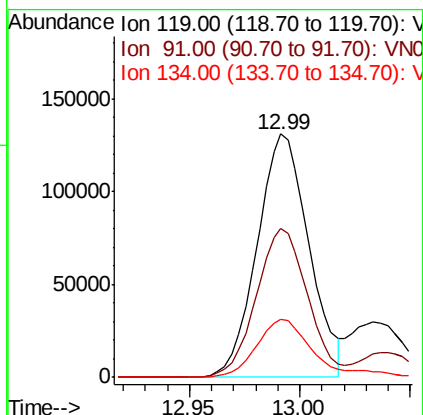
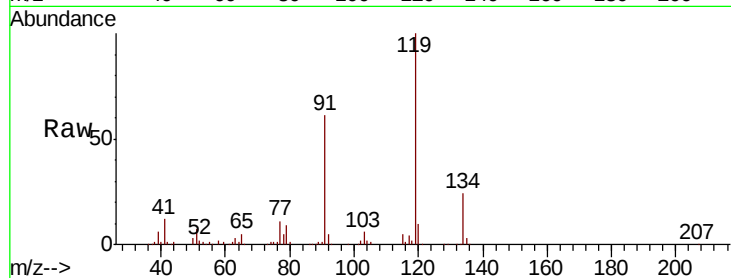




#79
tert-butylbenzene
Concen: 21.435 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

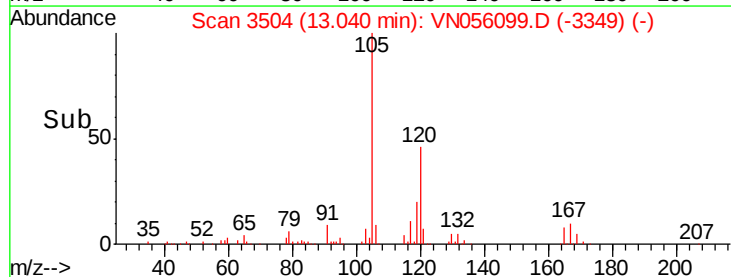
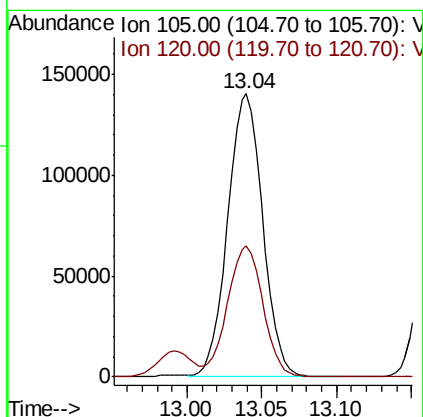
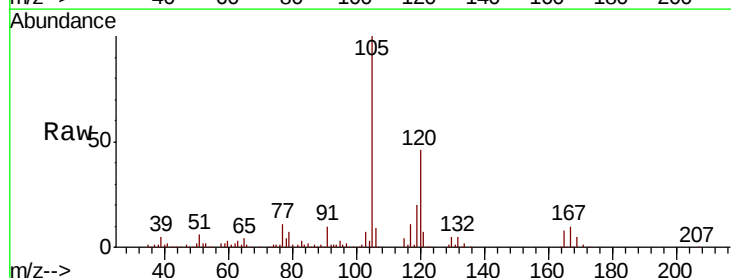
Instrument :
MSVOA_N
ClientSampleId :

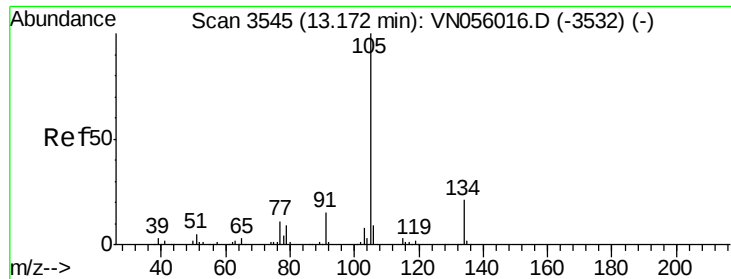
Tot Ion:119 Resp: 213591
Ion Ratio Lower Upper
119 100
91 60.6 0.0 122.8
134 24.1 0.0 50.2



#80
1,2,4-Trimethylbenzene
Concen: 20.937 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion:105 Resp: 229070
Ion Ratio Lower Upper
105 100
120 46.8 0.0 93.4





#81

sec-Butylbenzene

Concen: 21.107 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

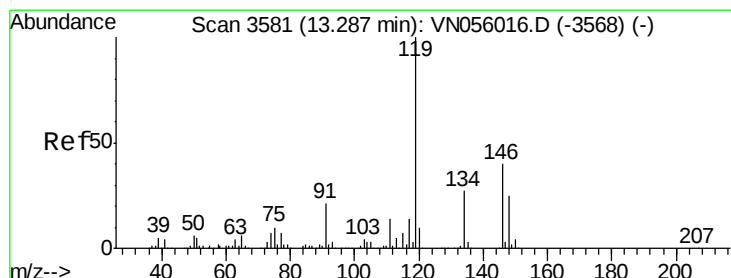
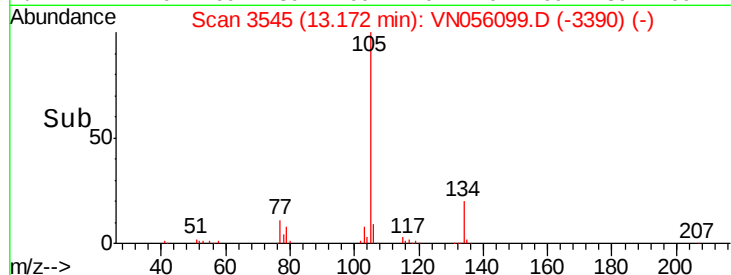
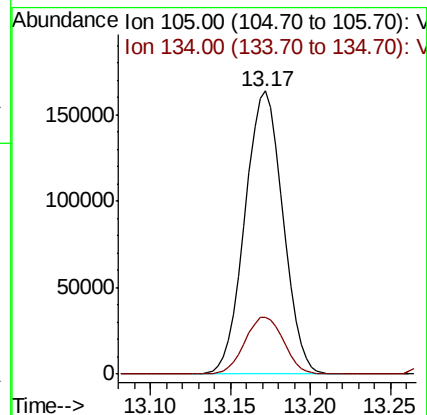
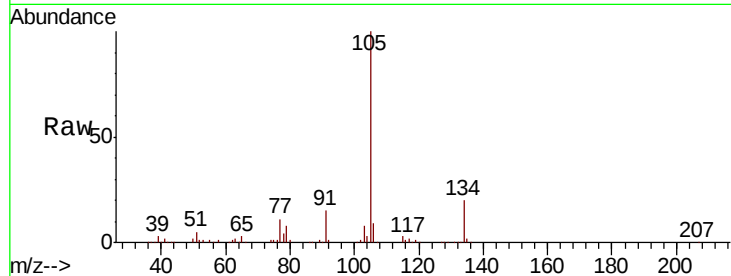
ClientSampleId :

Tot Ion:105 Resp: 266065

Ion Ratio Lower Upper

105 100

134 20.8 0.0 41.8



#82

p-Isopropyltoluene

Concen: 20.937 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

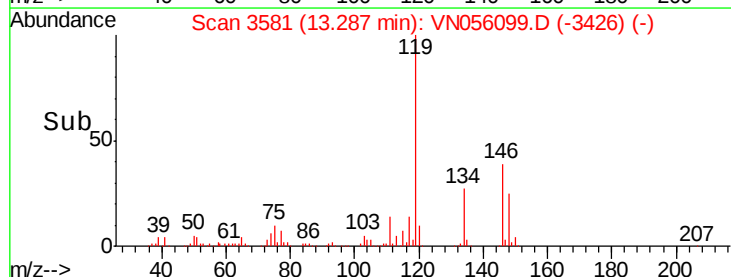
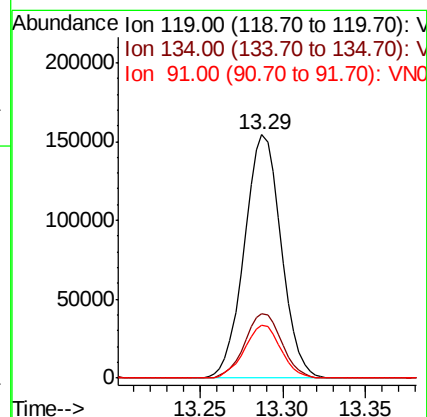
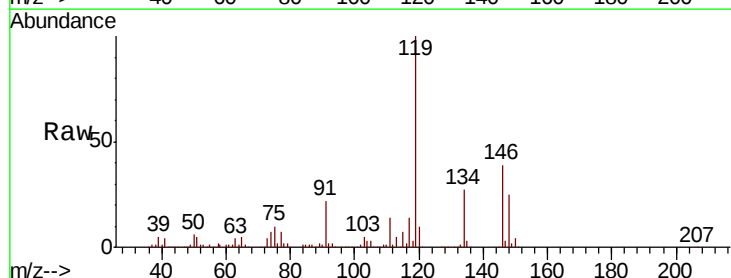
Tgt Ion:119 Resp: 238615

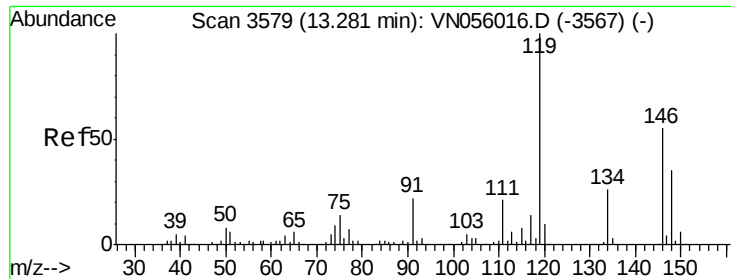
Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.4

91 21.6 0.0 43.0

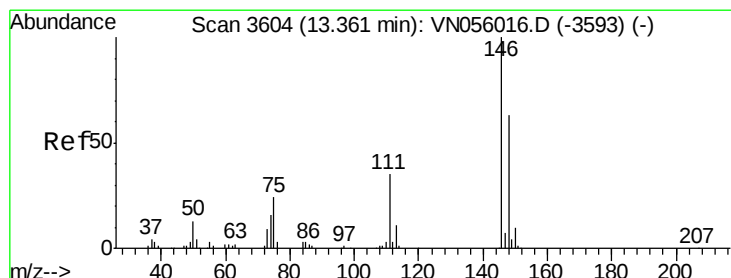
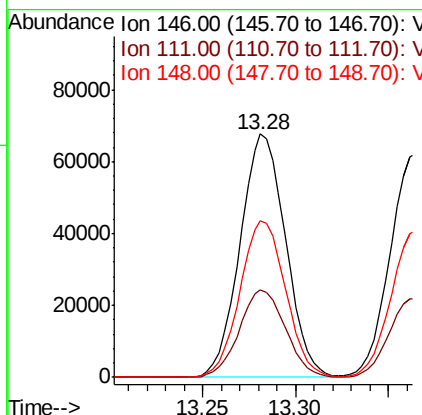
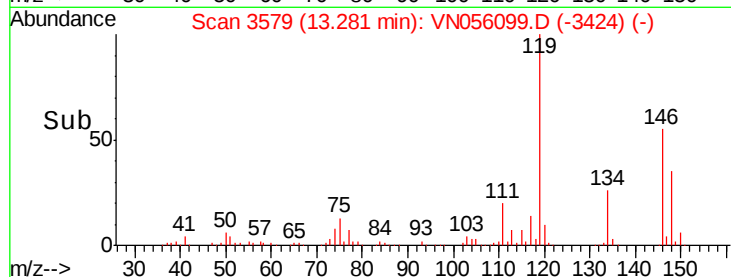
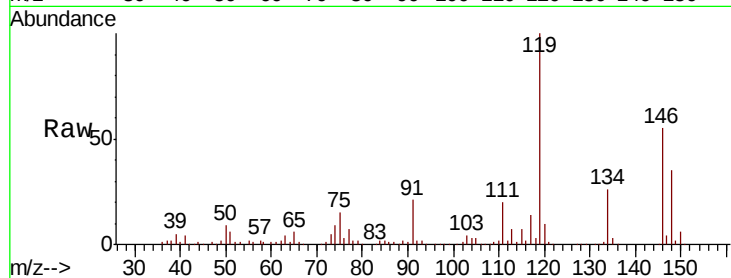




#83
 1,3-Dichlorobenzene
 Concen: 20.412 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

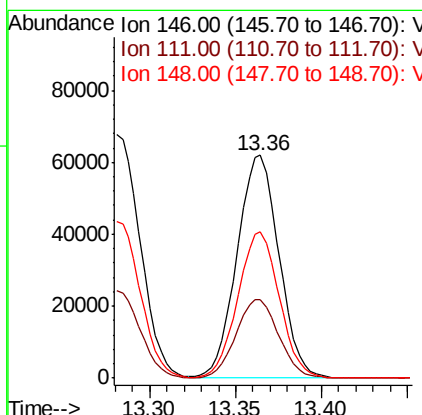
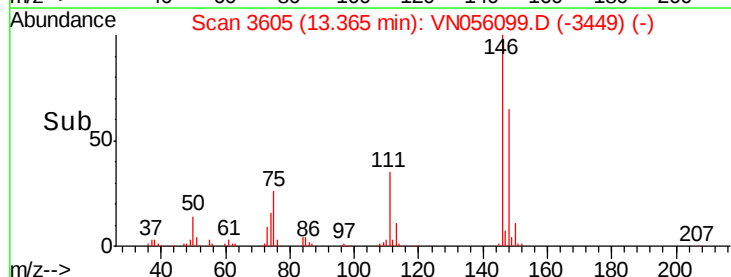
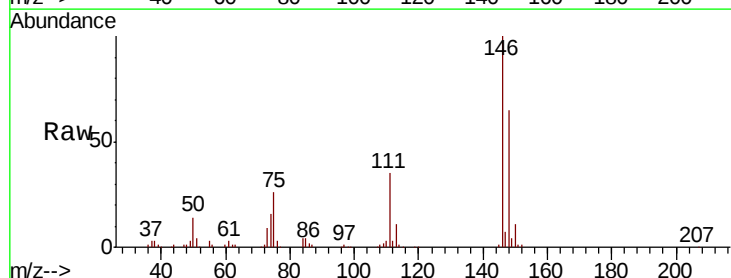
Instrument :
 MSVOA_N
 ClientSampleId :

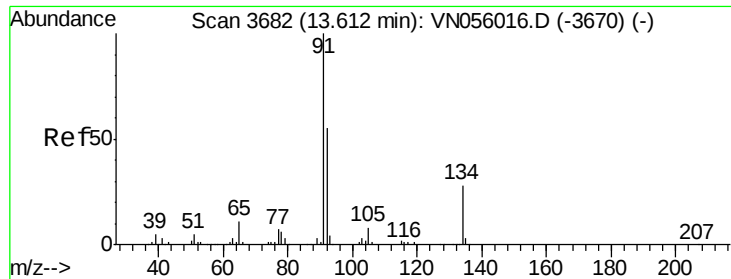
Tot Ion:146 Resp: 115449
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.2 54.6
 148 64.4 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 19.505 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Tgt Ion:146 Resp: 105085
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.6 52.9
 148 64.9 32.1 96.3

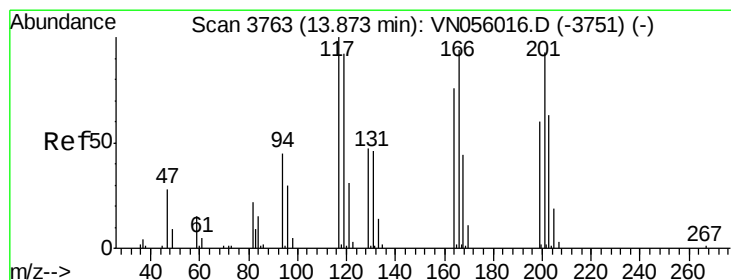
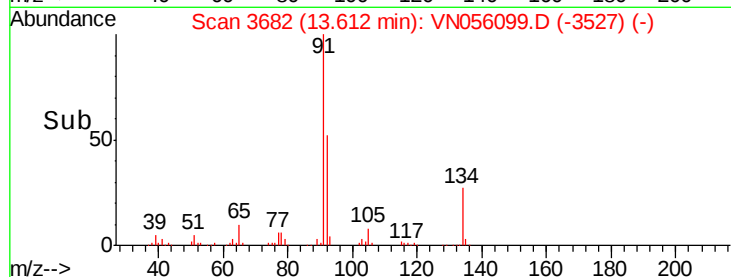
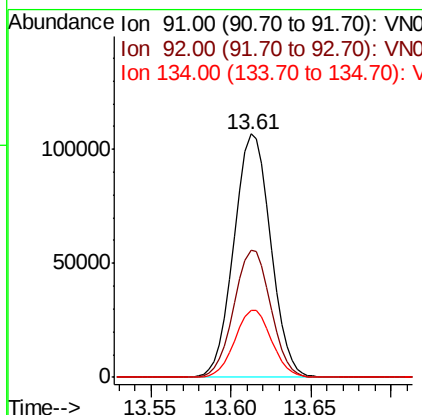
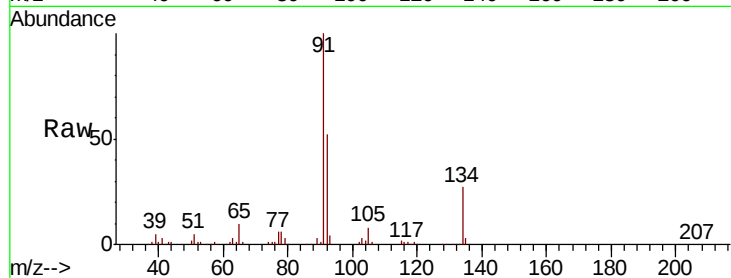




#85
n-Butylbenzene
Concen: 19.655 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

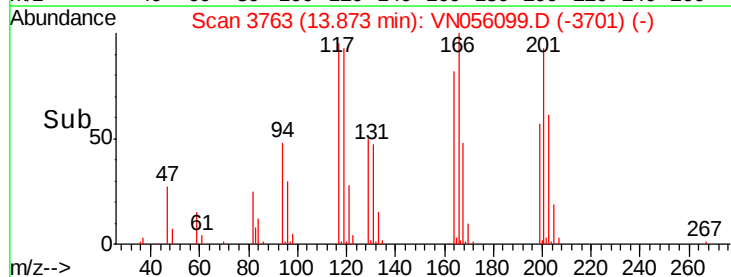
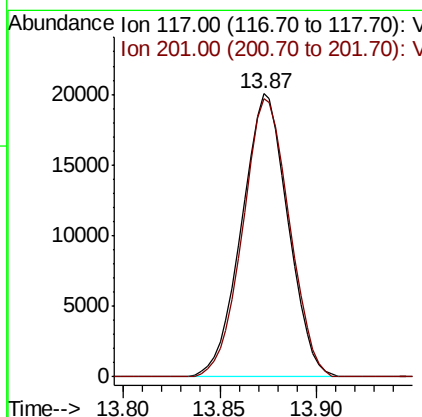
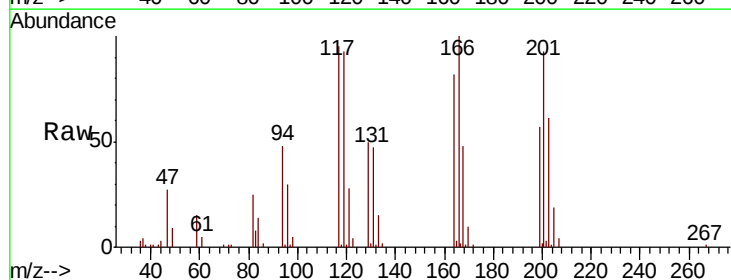
Instrument :
MSVOA_N
ClientSampled :

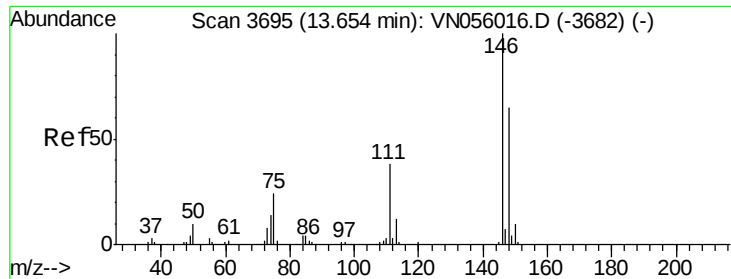
Tot Ion: 91 Resp: 167185
Ion Ratio Lower Upper
91 100
92 52.4 0.0 107.2
134 27.4 0.0 55.8



#86
Hexachloroethane
Concen: 18.792 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056099.D
Acq: 7 Jun 2019 14:56

Tgt Ion: 117 Resp: 33388
Ion Ratio Lower Upper
117 100
201 98.7 48.1 144.4





#87

1,2-Dichlorobenzene

Concen: 20.618 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

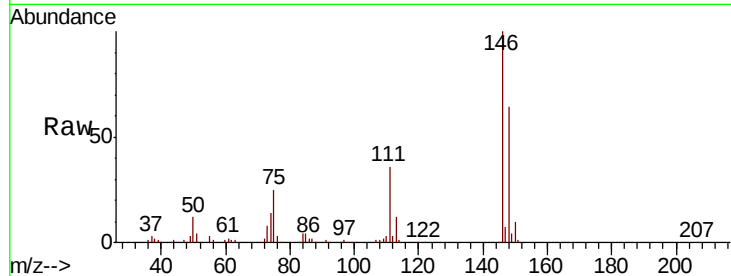
Tot Ion:146 Resp: 118532

Ion Ratio Lower Upper

146 100

111 37.2 19.3 57.9

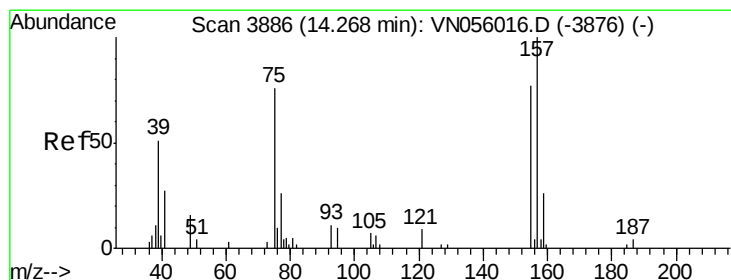
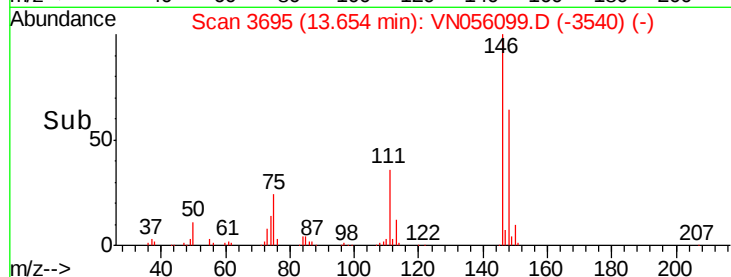
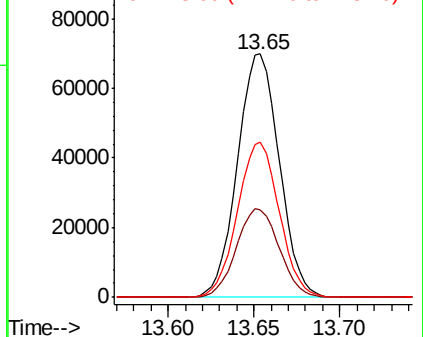
148 63.4 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.770 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

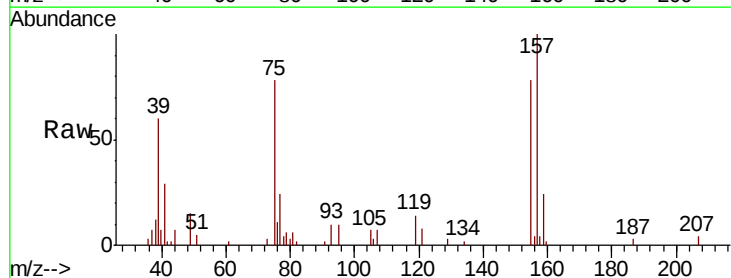
Tgt Ion: 75 Resp: 12146

Ion Ratio Lower Upper

75 100

155 103.0 82.5 123.7

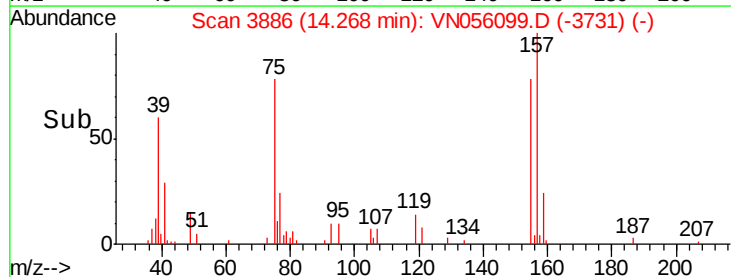
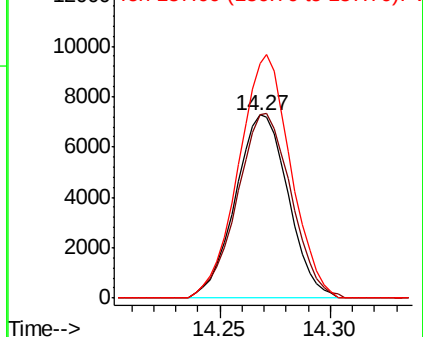
157 130.2 105.1 157.7

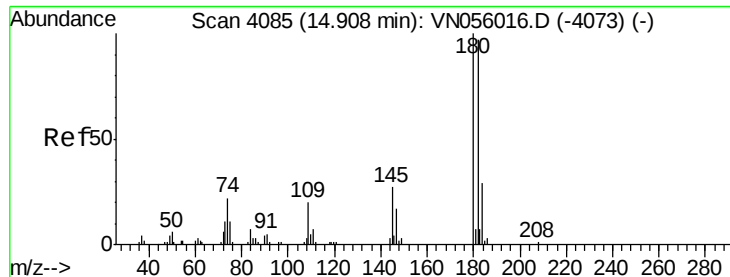


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

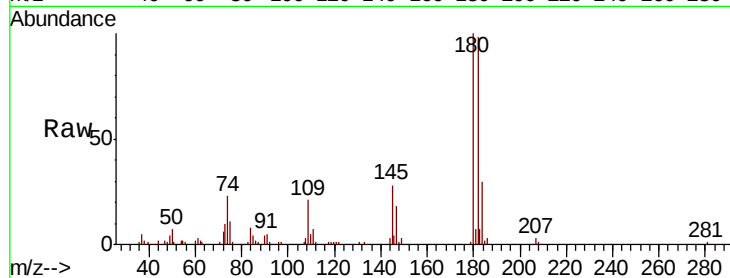




#89
 1,2,4-Trichlorobenzene
 Concen: 20.773 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.0	112.6
145	27.7	22.1	33.1

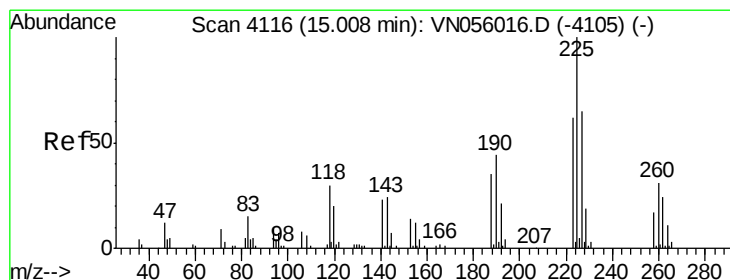
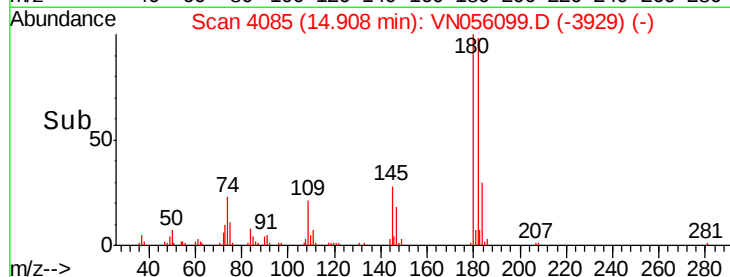
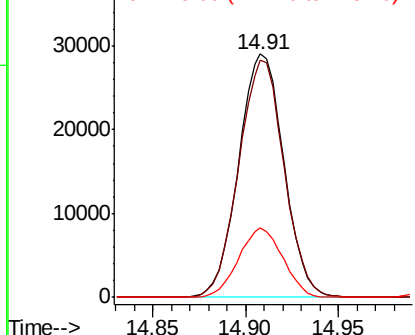


Abundance

Ion 180.00 (179.70 to 180.70): V

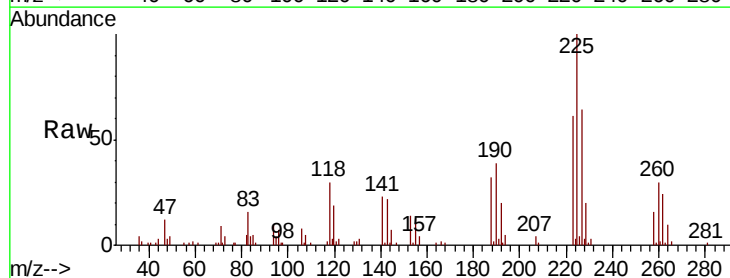
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 21.285 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056099.D
 Acq: 7 Jun 2019 14:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	0.0	125.6
227	63.5	0.0	128.6

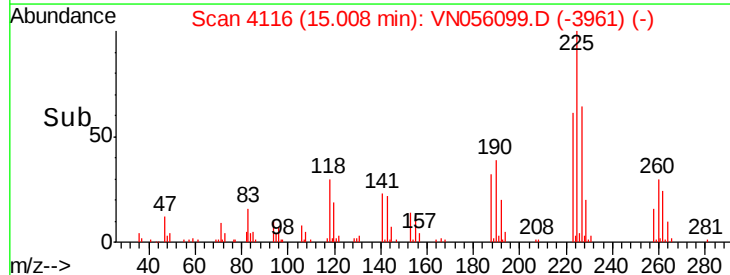
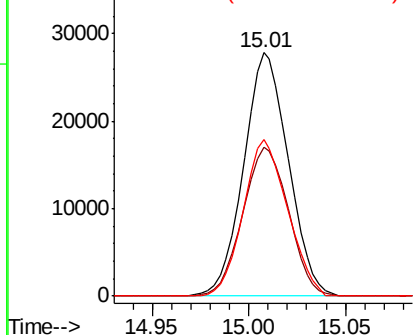


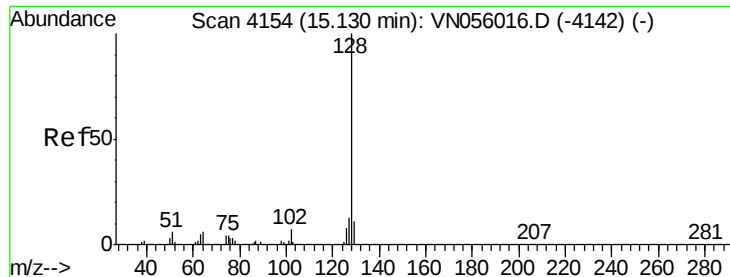
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 18.430 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

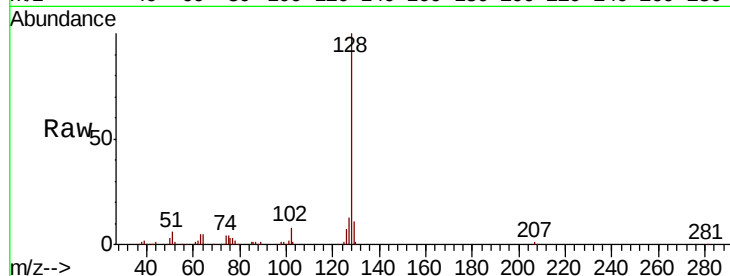
Tot Ion:128 Resp: 140724

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

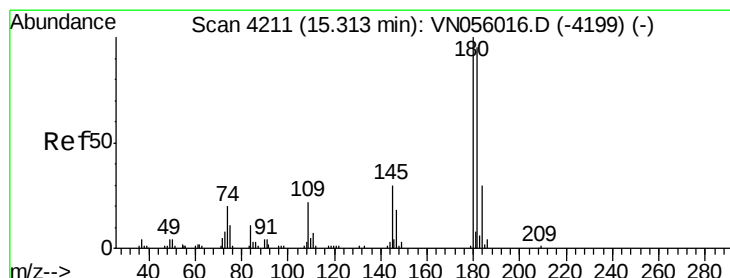
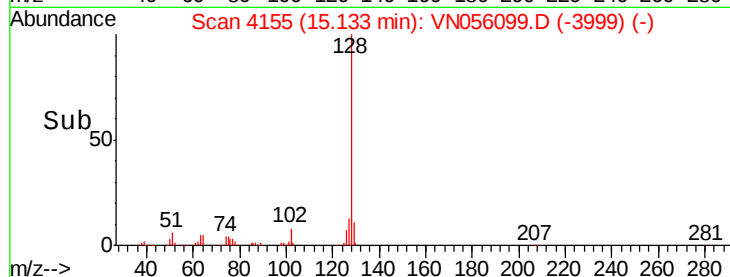
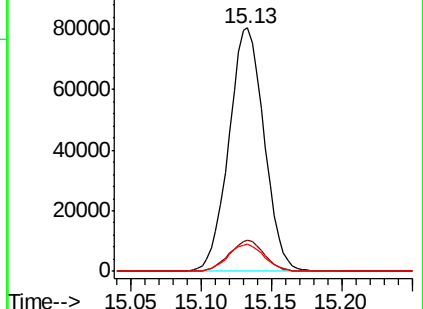
129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.328 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN056099.D

Acq: 7 Jun 2019 14:56

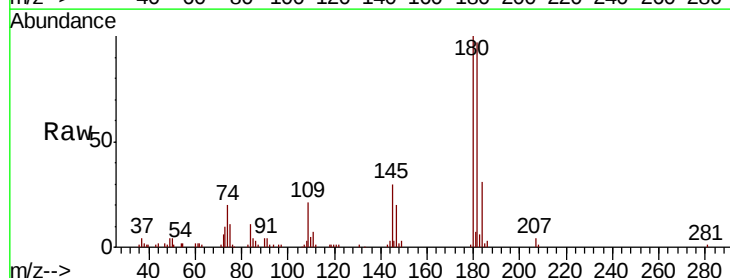
Tgt Ion:180 Resp: 58166

Ion Ratio Lower Upper

180 100

182 96.5 0.0 193.4

145 29.7 0.0 59.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

