

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056806.D
 Acq On : 18 Jul 2019 11:42
 Operator : JC/SP
 Sample : VN0718WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Quant Time: Jul 19 05:31:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	50117	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	277204	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	241019	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	101571	29.92	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.73%
60) 4-Bromofluorobenzene	12.40	95	109615	29.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.07%
63) Toluene-d8	10.09	98	337065	30.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	58540	20.556	ug/l 97
3) Chloromethane	2.06	50	78075	20.499	ug/l 98
4) Vinyl Chloride	2.18	62	75494	20.152	ug/l 98
5) Bromomethane	2.55	94	46459	19.676	ug/l 98
6) Chloroethane	2.70	64	43289	20.224	ug/l 98
7) Trichlorofluoromethane	3.01	101	98140	20.426	ug/l 99
8) Diethyl Ether	3.41	74	39585	20.146	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	60799	20.292	ug/l 98
10) 1,1-Dichloroethene	3.73	96	58108	19.659	ug/l 94
11) Methyl Iodide	3.95	142	72485	18.453	ug/l 99
12) Methyl Acetate	4.33	43	73755	18.640	ug/l 100
13) Acrolein	3.61	56	31912	114.397	ug/l 98
14) Acrylonitrile	4.99	53	171146	98.191	ug/l 100
15) Acetone	3.82	58	51825	86.137	ug/l 98
16) Carbon Disulfide	4.05	76	146809	18.831	ug/l 99
17) Allyl chloride	4.32	41	99441	19.232	ug/l 96
18) Methylene Chloride	4.55	84	70461	20.304	ug/l 97
19) trans-1,2-Dichloroethene	5.04	96	62486	19.747	ug/l 98
20) Diisopropyl ether	5.95	45	206284	20.022	ug/l 99
21) 1,1-Dichloroethane	5.85	63	119111	20.234	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	73760	19.934	ug/l 98
23) tert-Butyl Alcohol	4.79	59	58720	96.576	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	189292	20.078	ug/l 99
25) Chloroform	7.37	83	117762	20.534	ug/l 97
26) Cyclohexane	7.65	56	107084	19.571	ug/l # 98
29) 1,1-Dichloropropene	7.79	75	85604	19.427	ug/l 99
30) 2-Butanone	6.84	43	232428	91.106	ug/l 99
31) 2,2-Dichloropropane	6.83	77	83695	19.626	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	94777	20.179	ug/l 99
33) Carbon Tetrachloride	7.78	117	80733	19.974	ug/l 98
34) Benzene	8.04	78	273270	20.184	ug/l 100
35) Methacrylonitrile	7.18	41	44053	22.603	ug/l 90
36) 1,2-Dichloroethane	8.12	62	87726	20.171	ug/l 98
37) Trichloroethene	8.84	130	73370	19.954	ug/l 95
38) Methylcyclohexane	9.08	83	106077	19.056	ug/l 99
39) 1,2-Dichloropropane	9.12	63	73363	20.188	ug/l 99
40) Dibromomethane	9.21	93	47210	20.396	ug/l 99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Quant Time: Jul 19 05:31:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	85567	20.058	ug/l	99
42) Vinyl Acetate	5.90	43	852314	100.381	ug/l	100
43) Ethyl Acetate	6.93	43	89478	19.409	ug/l	96
44) Isopropyl Acetate	8.17	43	141860	19.729	ug/l #	88
45) 1,4-Dioxane	9.20	88	27081	372.274	ug/l	97
46) Methyl methacrylate	9.20	41	69055	19.990	ug/l	97
47) n-amyl Acetate	12.07	43	110733	18.830	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	89456	19.064	ug/l	96
49) cis-1,3-Dichloropropene	9.84	75	103468	19.546	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	68859	20.419	ug/l	98
51) Ethyl methacrylate	10.43	69	102728	19.805	ug/l	98
52) 1,3-Dichloropropane	10.71	76	115690	20.503	ug/l	99
53) Dibromochloromethane	10.90	129	67490	19.802	ug/l	100
54) 1,2-Dibromoethane	11.00	107	70814	20.205	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	225772	90.009	ug/l	99
56) Bromoform	12.12	173	47585	18.860	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	461764	101.792	ug/l	100
59) 2-Hexanone	10.75	43	326737	94.887	ug/l	99
61) Tetrachloroethene	10.63	164	74326	21.461	ug/l	98
62) Toluene	10.16	91	290823	20.544	ug/l	99
64) Chlorobenzene	11.43	112	174669	20.230	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	65003	20.535	ug/l	99
66) Ethyl Benzene	11.51	91	307350	20.086	ug/l	100
67) m/p-Xylenes	11.62	106	232412	40.246	ug/l	99
68) o-Xylene	11.95	106	114051	20.249	ug/l	98
69) Styrene	11.96	104	184457	19.764	ug/l	100
70) Isopropylbenzene	12.25	105	301340	20.410	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	97145	20.272	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	118602	28.958	ug/l	64
73) Bromobenzene	12.53	156	78506	20.348	ug/l	98
74) n-propylbenzene	12.59	91	326947	19.628	ug/l	100
75) 2-Chlorotoluene	12.67	91	199313	19.868	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	254342	20.197	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	24814	18.226	ug/l	99
78) 4-Chlorotoluene	12.77	91	189476	19.477	ug/l	99
79) tert-butylbenzene	12.99	119	216352	20.196	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	253661	20.311	ug/l	100
81) sec-Butylbenzene	13.17	105	278655	19.651	ug/l	100
82) p-Isopropyltoluene	13.29	119	254085	19.703	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	124020	19.287	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	115671	18.766	ug/l	99
85) n-Butylbenzene	13.61	91	192988	18.143	ug/l	99
86) Hexachloroethane	13.87	117	39369	19.457	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	125658	19.445	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	15423	18.655	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	54000	15.536	ug/l	99
90) Hexachlorobutadiene	15.01	225	43337	19.176	ug/l	98
91) Naphthalene	15.13	128	135287	14.471	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	59342	16.282	ug/l	100

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Quant Time: Jul 19 05:31:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 12 23:58:13 2019
Response via : Initial Calibration

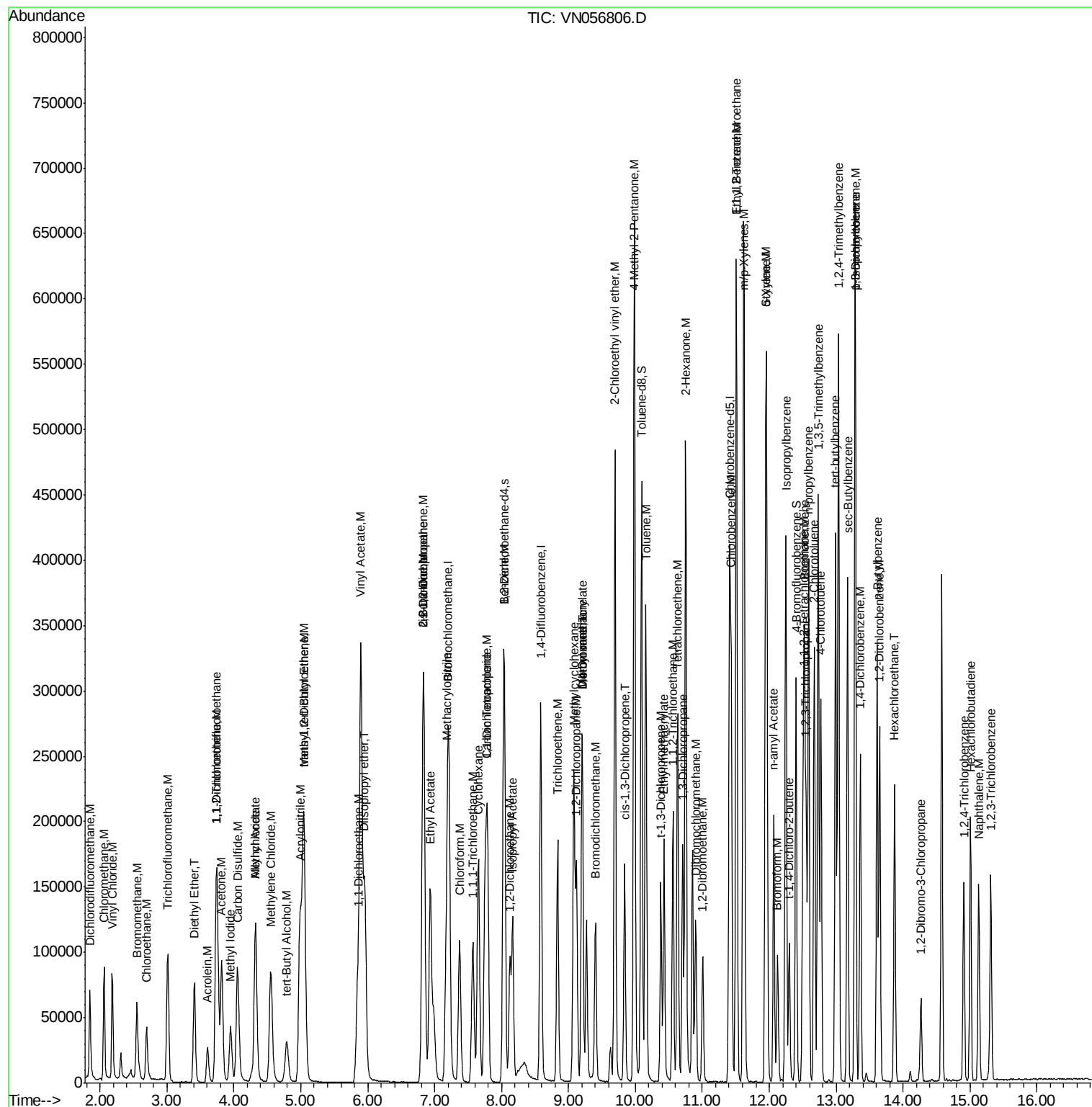
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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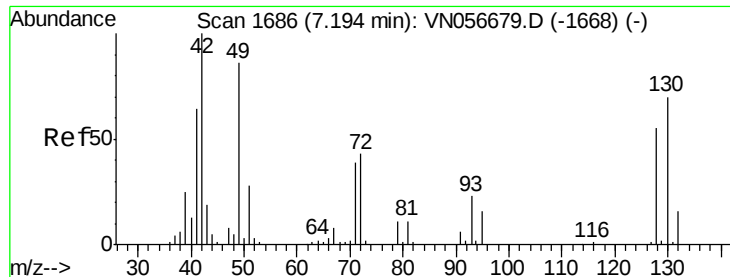
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN056806.D
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Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Jul 19 05:31:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 12 23:58:13 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

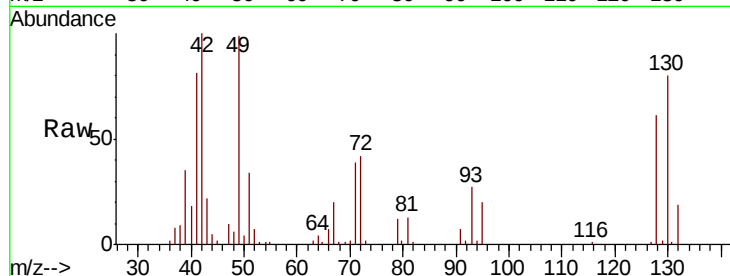
Tot Ion:128 Resp: 50117

Ion Ratio Lower Upper

128 100

49 160.7 0.0 390.5

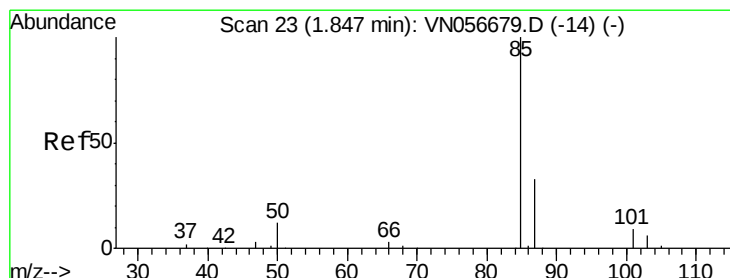
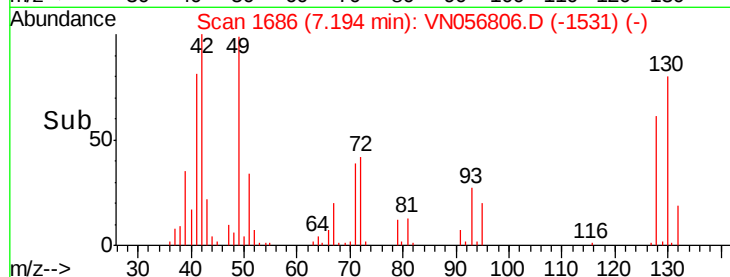
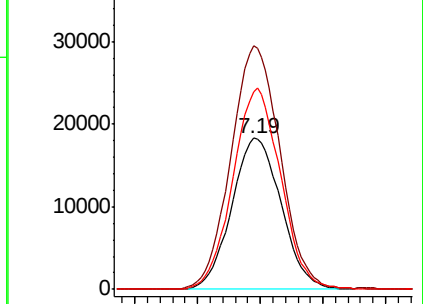
130 129.0 0.0 316.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.556 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056806.D

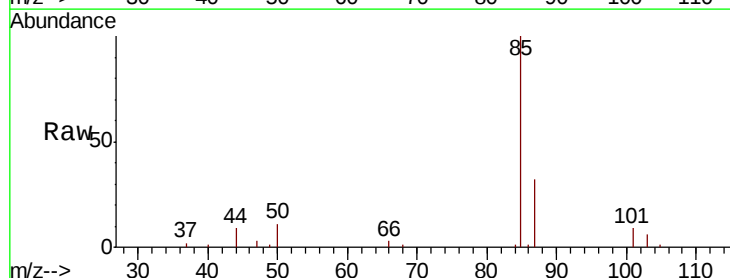
Acq: 18 Jul 2019 11:42

Tgt Ion: 85 Resp: 58540

Ion Ratio Lower Upper

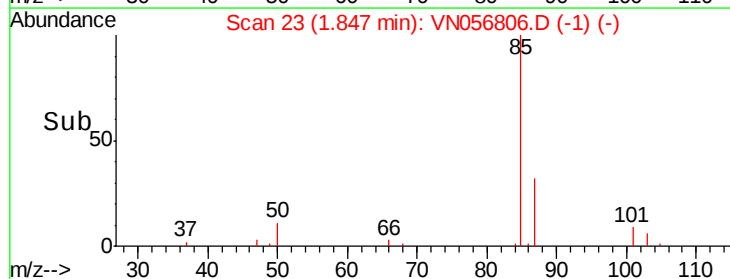
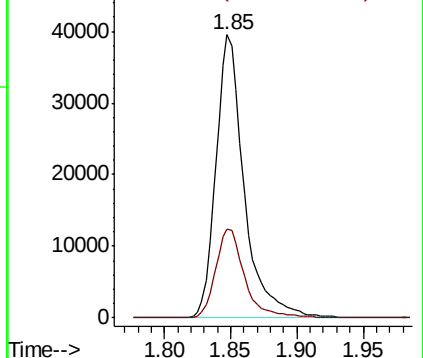
85 100

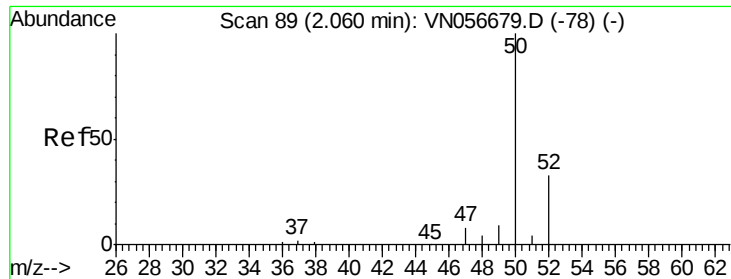
87 31.6 16.8 50.3



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.499 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

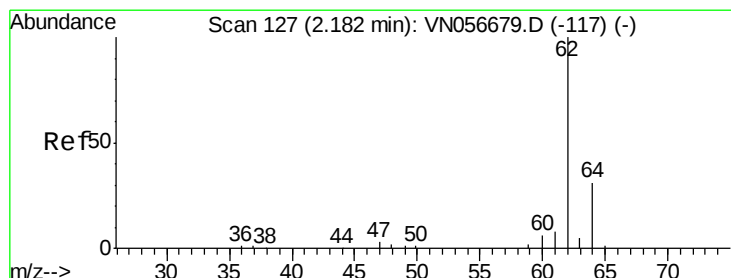
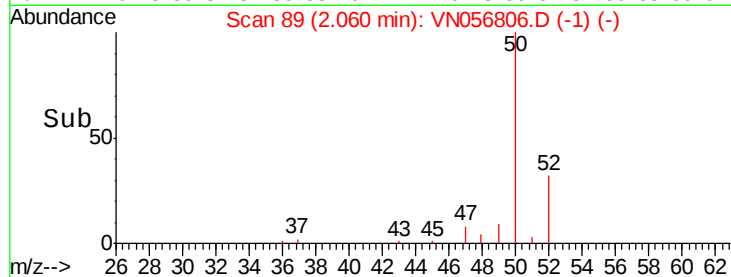
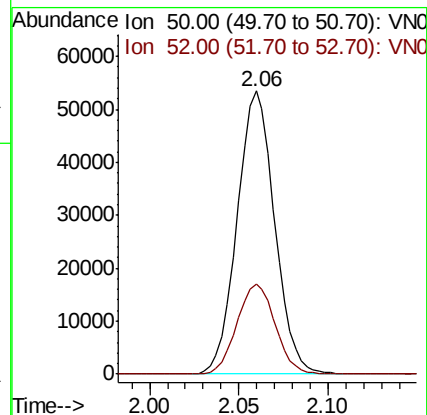
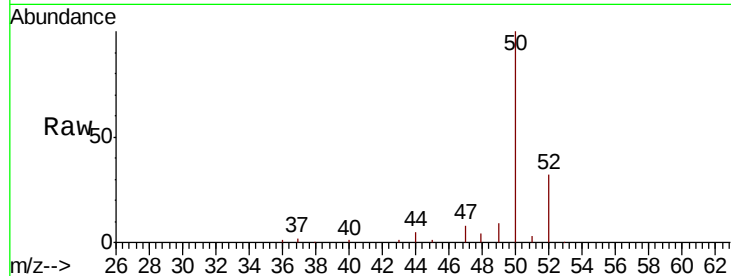
VN0718WBSD01

Tot Ion: 50 Resp: 78075

Ion Ratio Lower Upper

50 100

52 31.8 26.5 39.7



#4

Vinyl Chloride

Concen: 20.152 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056806.D

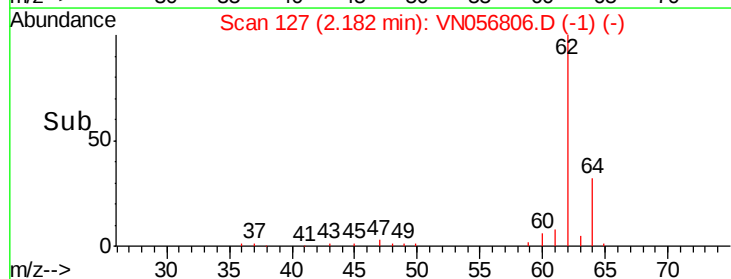
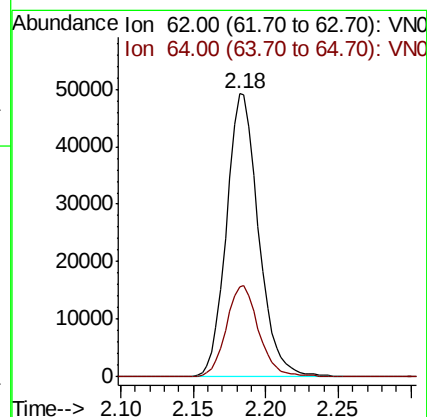
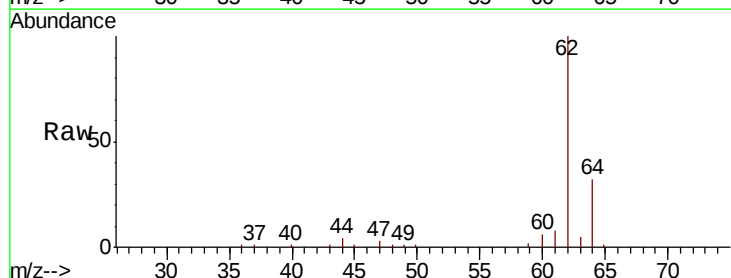
Acq: 18 Jul 2019 11:42

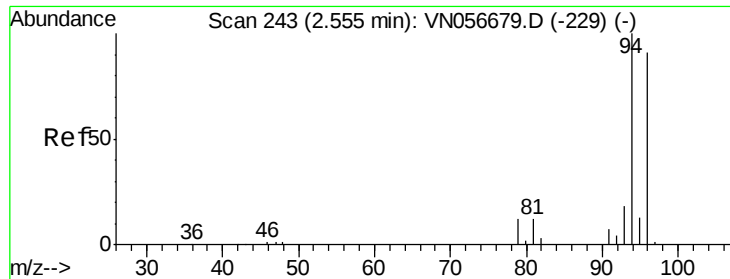
Tgt Ion: 62 Resp: 75494

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 19.676 ug/l

RT: 2.55 min Scan# 242

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

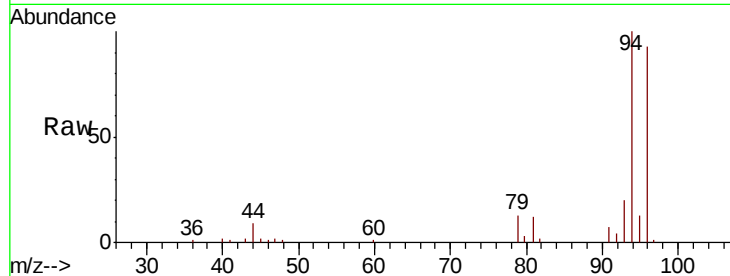
VN0718WBSD01

Tot Ion: 94 Resp: 46459

Ion Ratio Lower Upper

94 100

96 93.2 72.8 109.2



Abundance Ion 94.00 (93.70 to 94.70): VN056679.D (-229) (-)

Ion 96.00 (95.70 to 96.70): VN056679.D (-229) (-)

25000

20000

15000

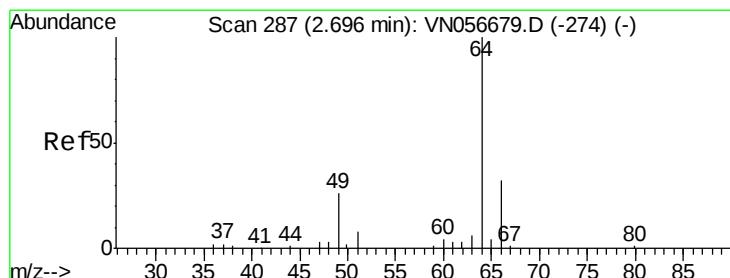
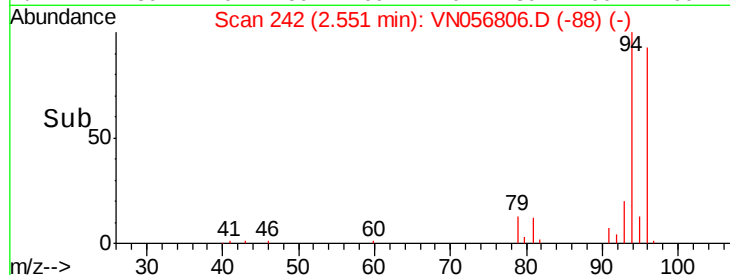
10000

5000

0

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 20.224 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN056806.D

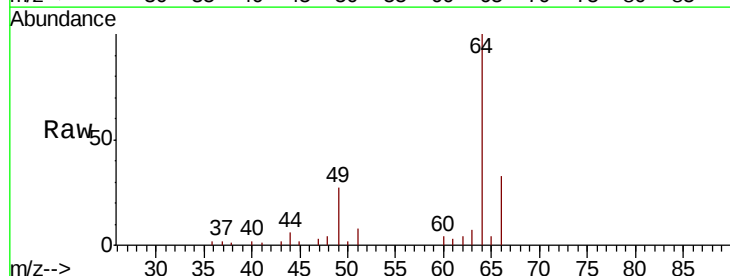
Acq: 18 Jul 2019 11:42

Tgt Ion: 64 Resp: 43289

Ion Ratio Lower Upper

64 100

66 33.1 25.7 38.5



Abundance Ion 64.00 (63.70 to 64.70): VN056679.D (-274) (-)

Ion 66.00 (65.70 to 66.70): VN056679.D (-274) (-)

20000

15000

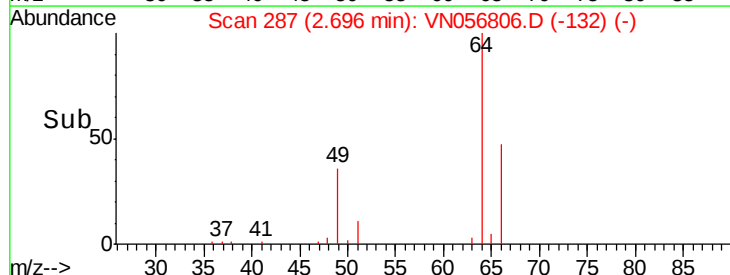
10000

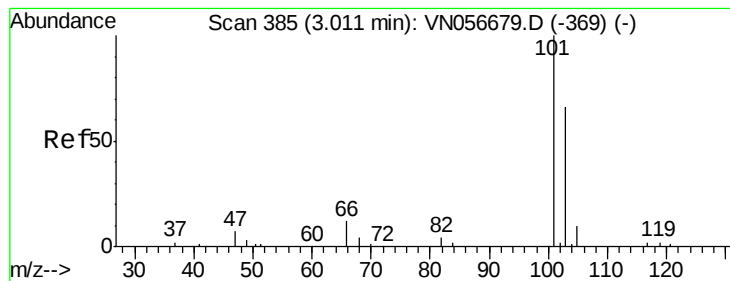
5000

0

2.60 2.65 2.70 2.75 2.80

Time-->



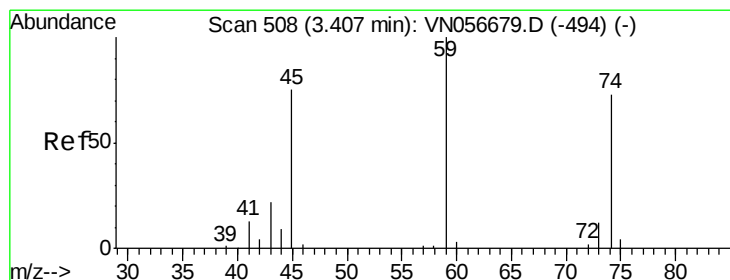
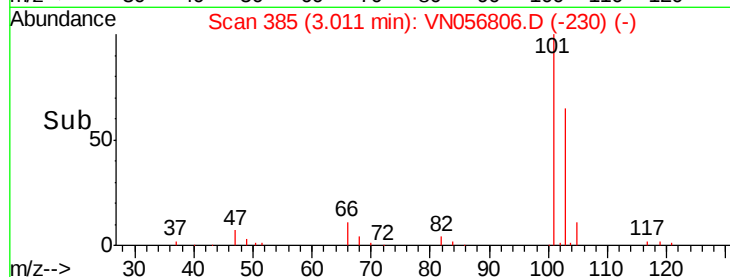
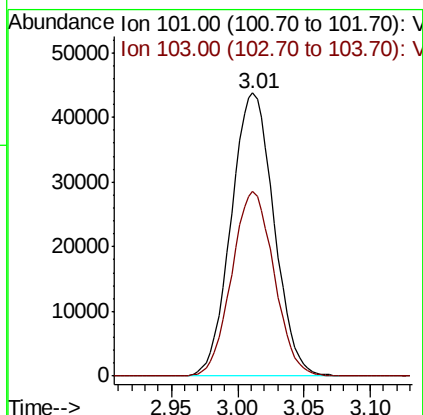
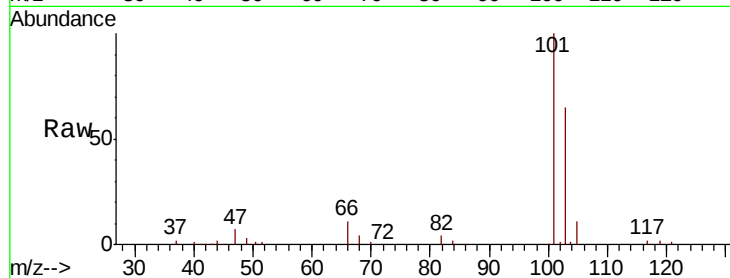


#7

Trichlorofluoromethane
 Concen: 20.426 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
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 ClientSampleId :
 VN0718WBSD01

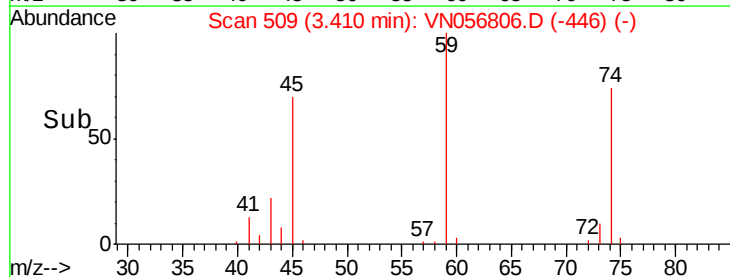
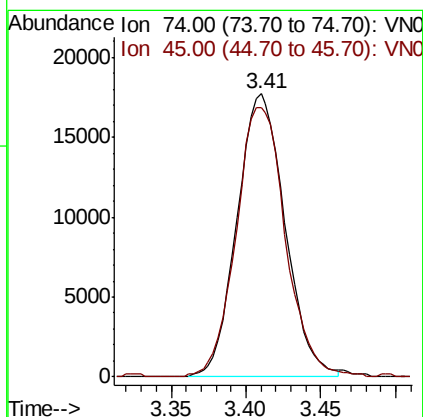
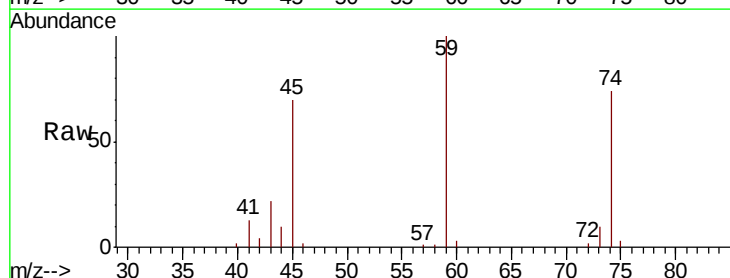
Tot Ion:101 Resp: 98140
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2

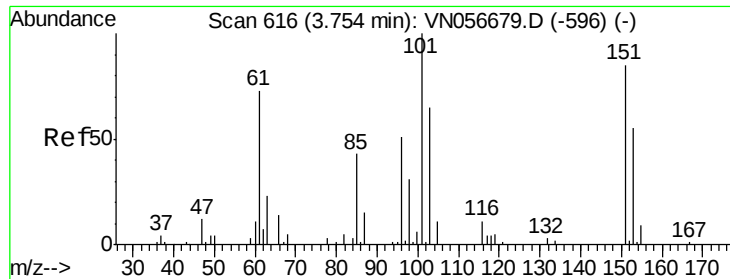


#8

Diethyl Ether
 Concen: 20.146 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 74 Resp: 39585
 Ion Ratio Lower Upper
 74 100
 45 98.2 19.9 179.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.292 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

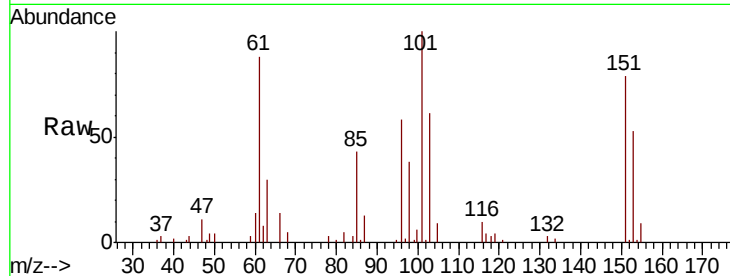
Tot Ion:101 Resp: 60799

Ion Ratio Lower Upper

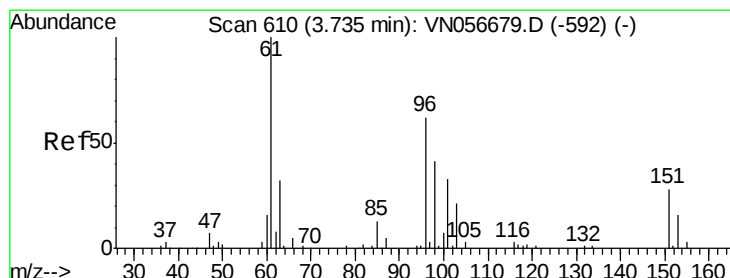
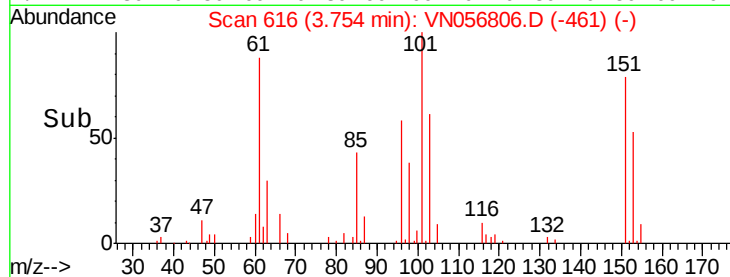
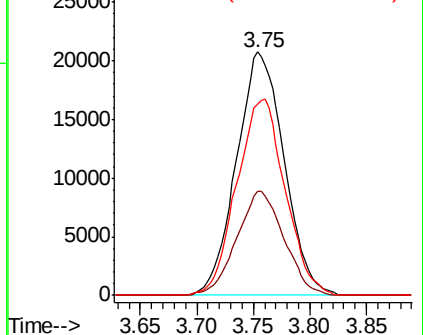
101 100

85 42.3 0.0 84.2

151 81.9 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VN
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.659 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

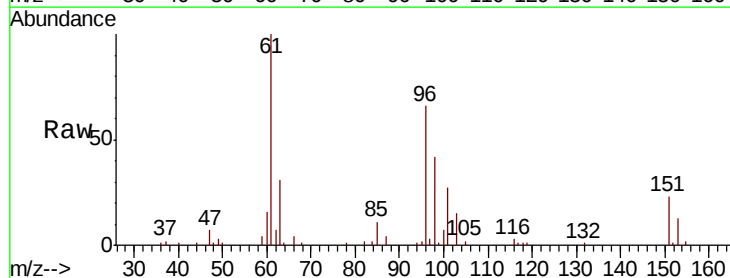
Tgt Ion: 96 Resp: 58108

Ion Ratio Lower Upper

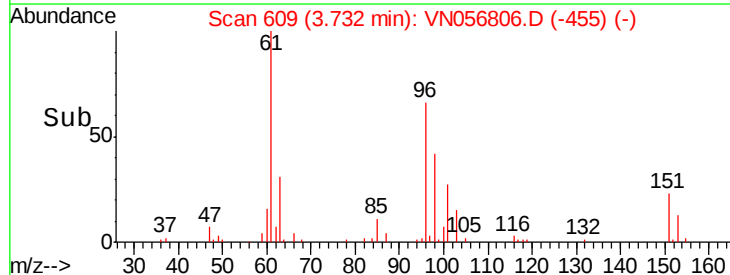
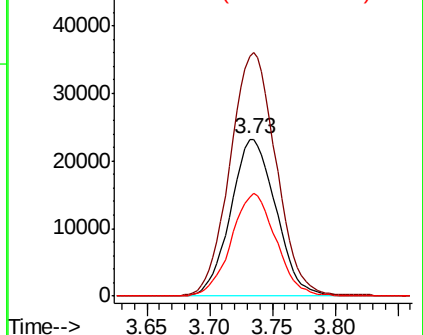
96 100

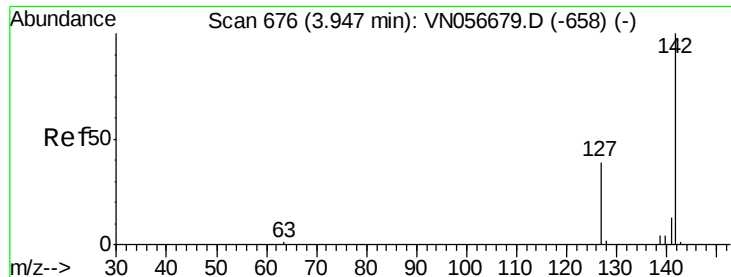
61 151.3 129.0 193.4

98 63.4 52.5 78.7



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

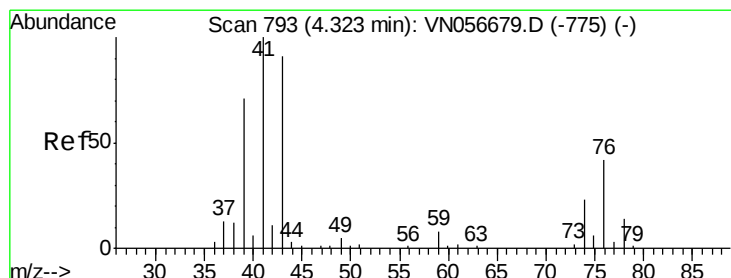
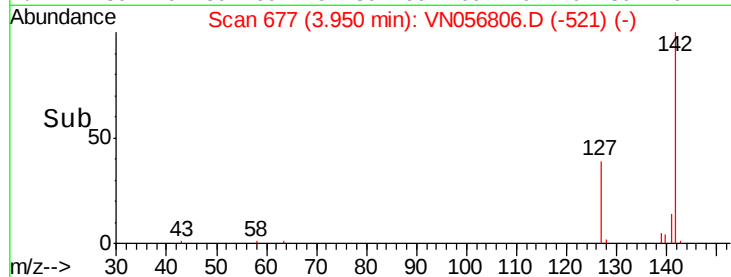
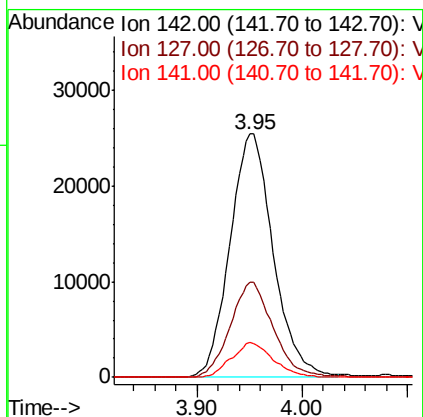
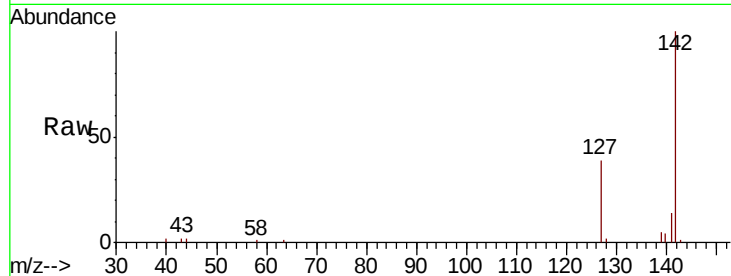




#11
Methyl Iodide
Concen: 18.453 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

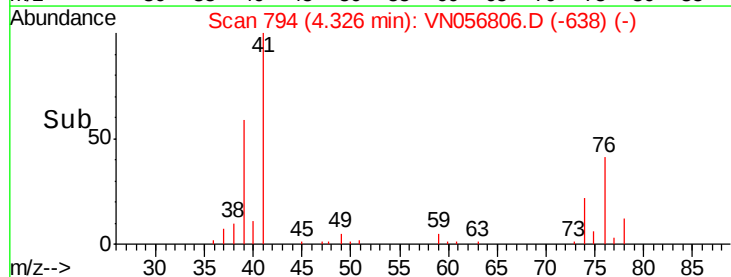
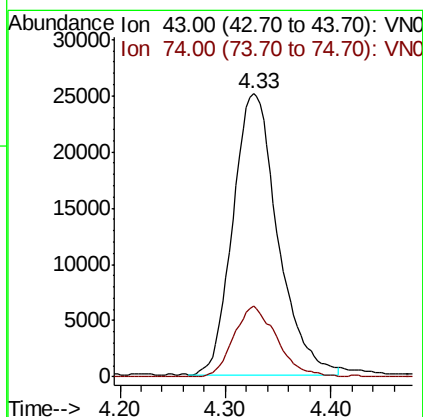
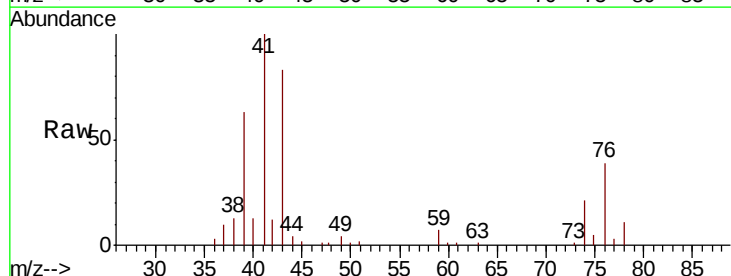
Instrument :
MSVOA_N
ClientSampled :
VN0718WBSD01

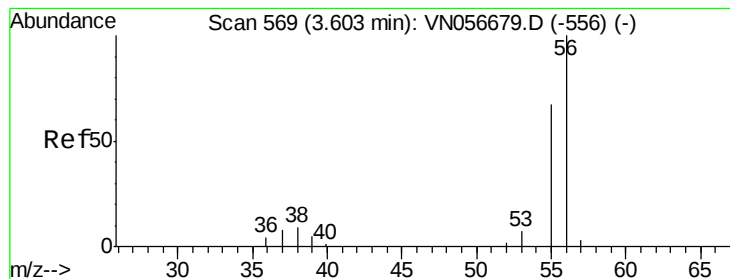
Tot Ion:142 Resp: 72485
Ion Ratio Lower Upper
142 100
127 38.8 19.5 58.5
141 14.2 6.8 20.3



#12
Methyl Acetate
Concen: 18.640 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 43 Resp: 73755
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.4





#13

Acrolein

Concen: 114.397 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

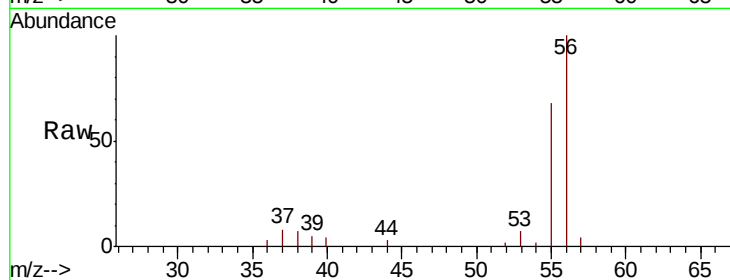
VN0718WBSD01

Tot Ion: 56 Resp: 31912

Ion Ratio Lower Upper

56 100

55 69.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

15000

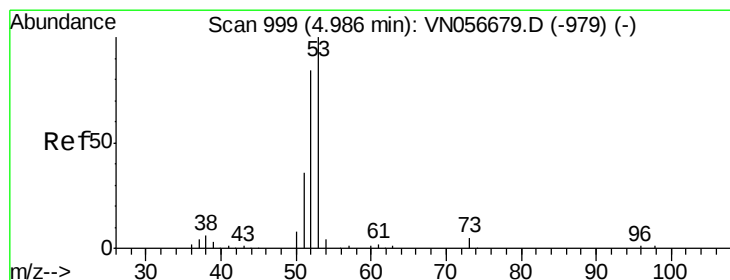
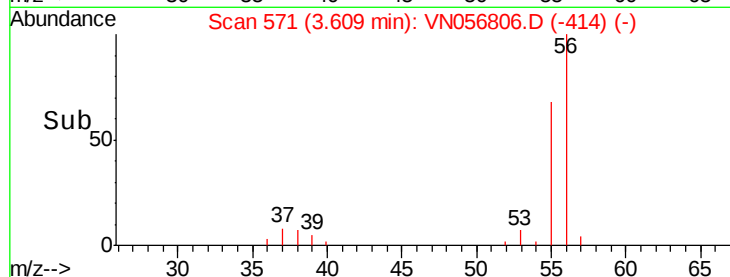
10000

5000

0

Time-->

3.55 3.60 3.65 3.70



#14

Acrylonitrile

Concen: 98.191 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

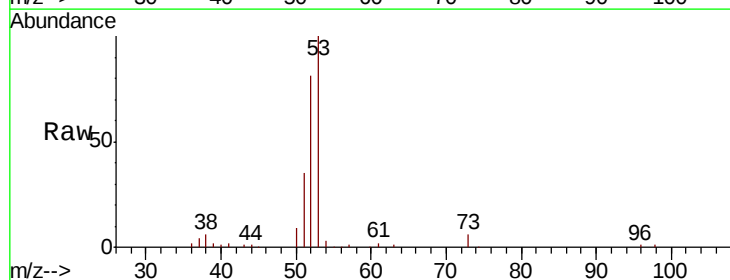
Tgt Ion: 53 Resp: 171146

Ion Ratio Lower Upper

53 100

52 81.9 41.3 123.7

51 35.5 17.7 53.1



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

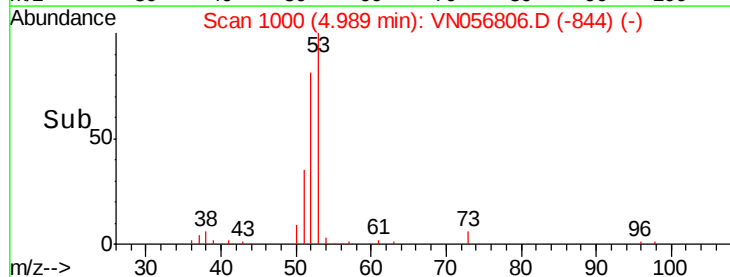
40000

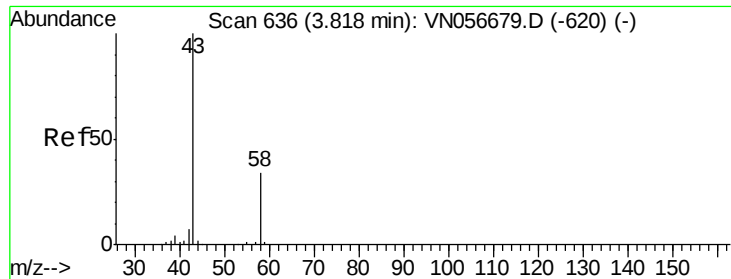
20000

0

Time-->

4.90 5.00 5.10





#15

Acetone

Concen: 86.137 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

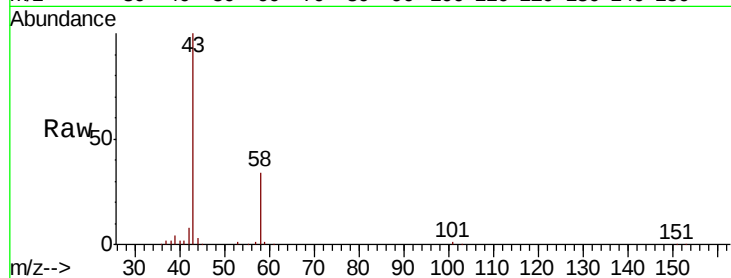
VN0718WBSD01

Tot Ion: 58 Resp: 51825

Ion Ratio Lower Upper

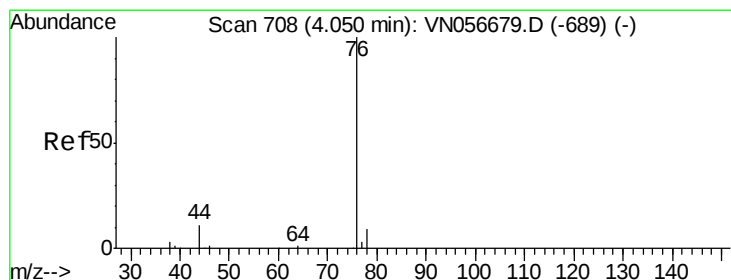
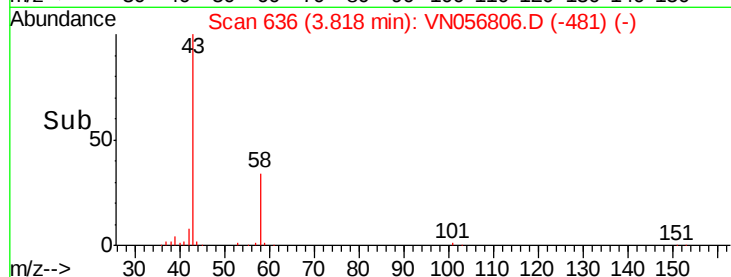
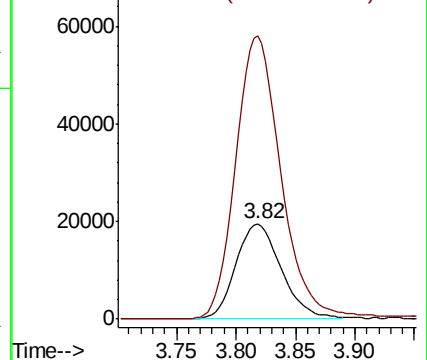
58 100

43 296.1 233.9 350.9



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 18.831 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN056806.D

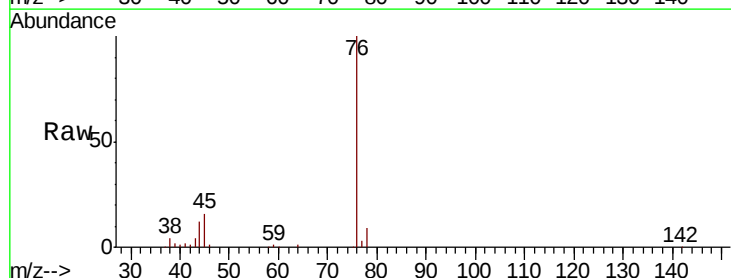
Acq: 18 Jul 2019 11:42

Tgt Ion: 76 Resp: 146809

Ion Ratio Lower Upper

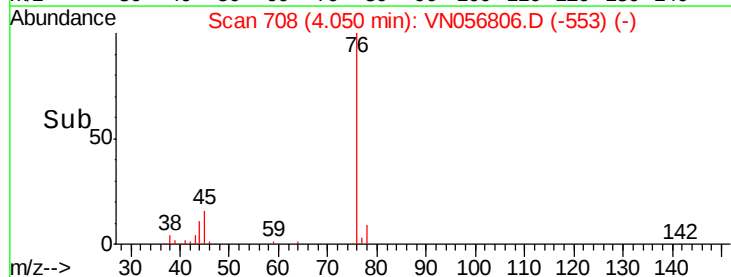
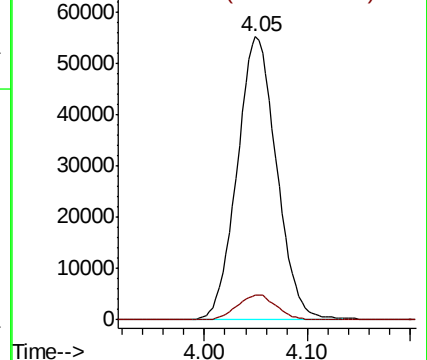
76 100

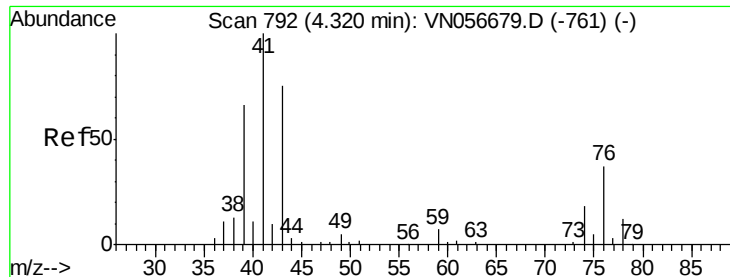
78 8.8 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allvl chloride

Concen: 19.232 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

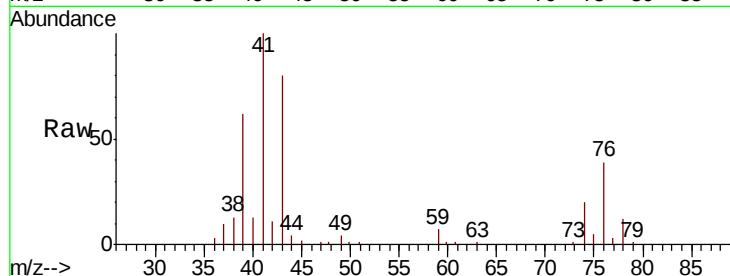
Tot Ion: 41 Resp: 99441

Ion Ratio Lower Upper

41 100

39 61.8 32.8 98.4

76 38.5 18.5 55.5

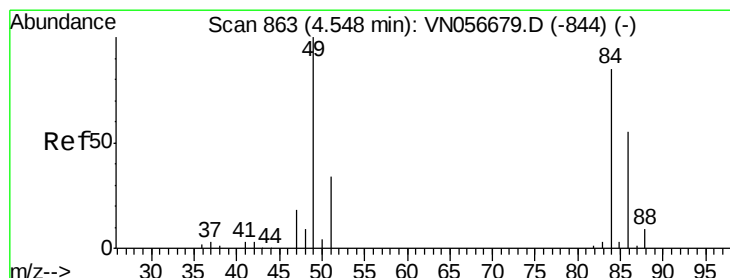
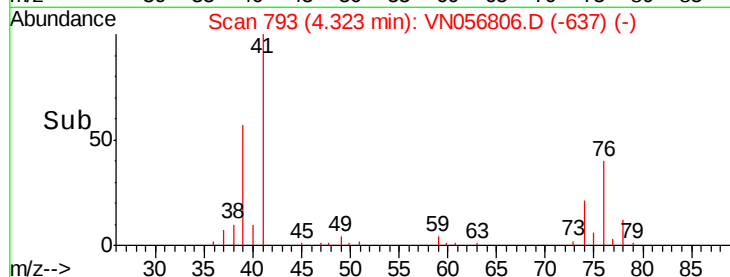
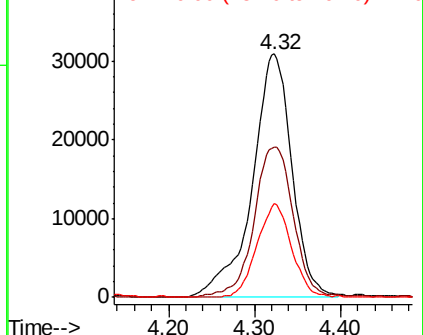


Abundance

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: 20.304 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Tgt Ion: 84 Resp: 70461

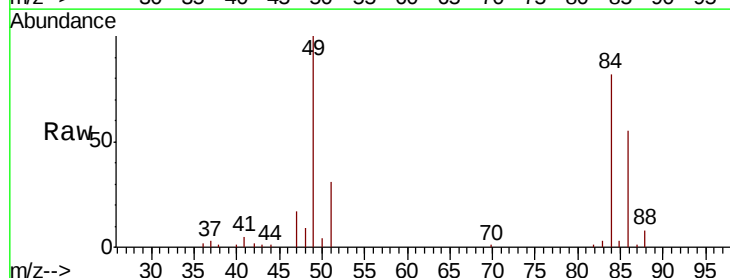
Ion Ratio Lower Upper

84 100

49 120.8 93.9 140.9

51 37.5 31.7 47.5

86 67.2 51.4 77.2



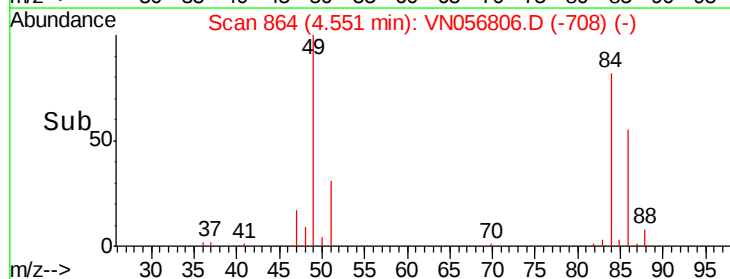
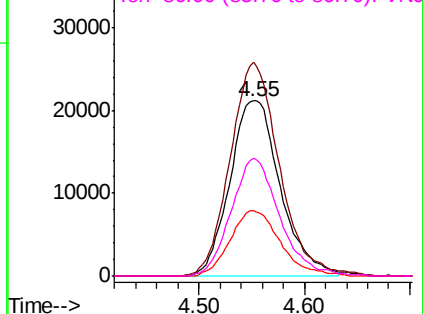
Abundance

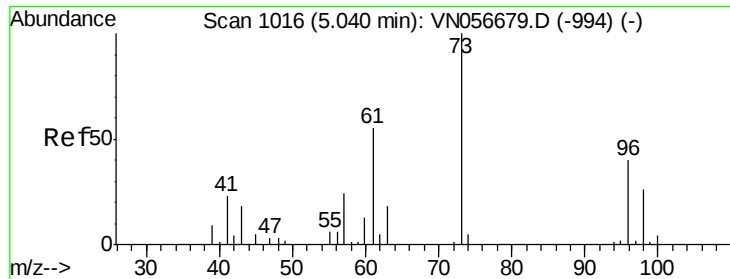
Ion 84.00 (83.70 to 84.70): VNO

Ion 49.00 (48.70 to 49.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

Ion 86.00 (85.70 to 86.70): VNO

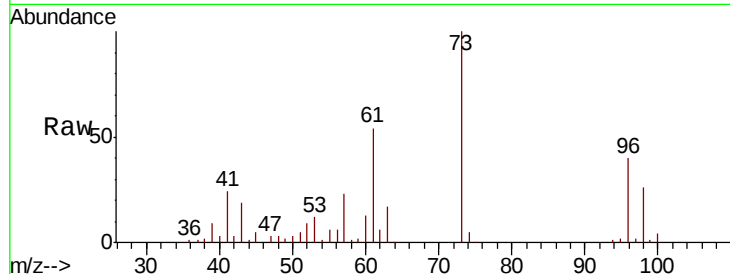




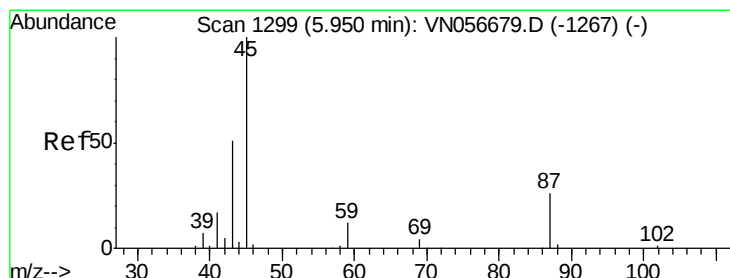
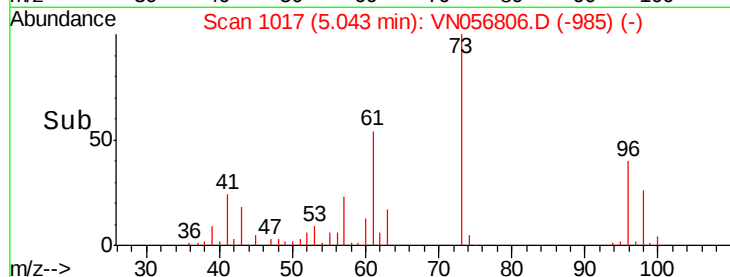
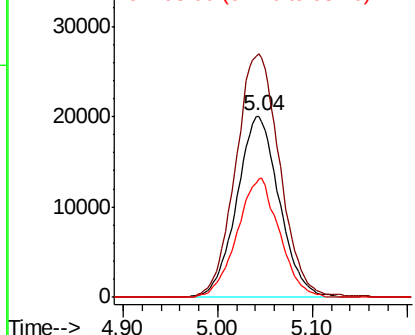
#19
trans-1,2-Dichloroethene
Concen: 19.747 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0718WBSD01

Tot Ion: 96 Resp: 62486
Ion Ratio Lower Upper
96 100
61 134.2 109.6 164.4
98 65.4 51.4 77.2

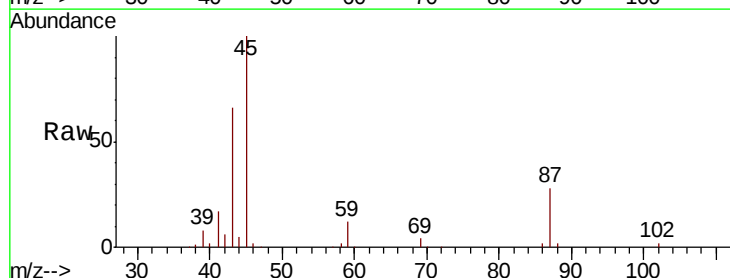


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

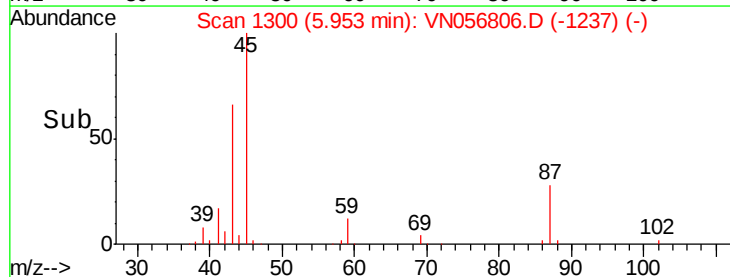
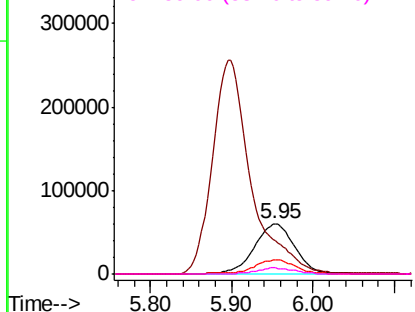


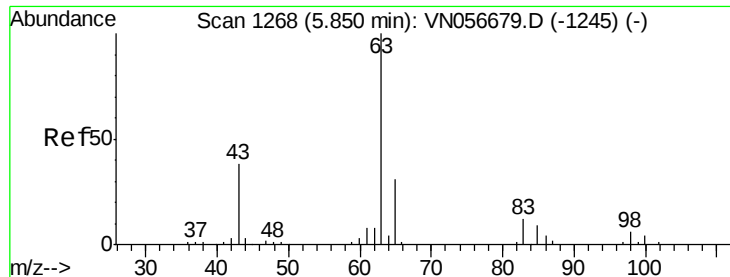
#20
Diisopropyl ether
Concen: 20.022 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 45 Resp: 206284
Ion Ratio Lower Upper
45 100
43 62.9 50.3 75.5
87 27.9 21.4 32.0
59 11.6 9.7 14.5



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

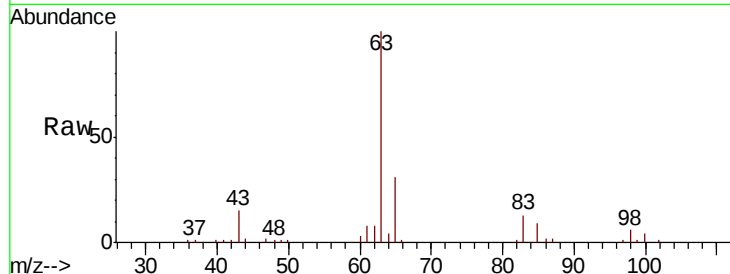




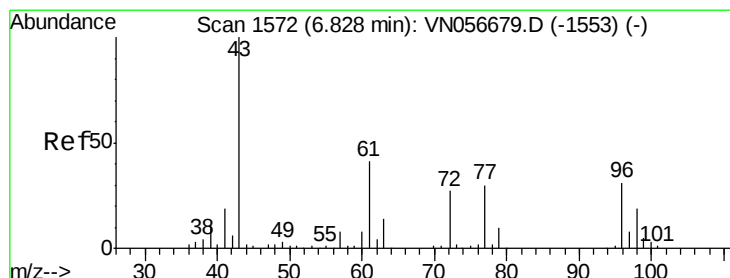
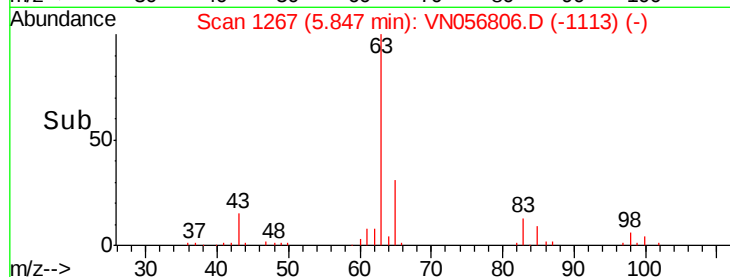
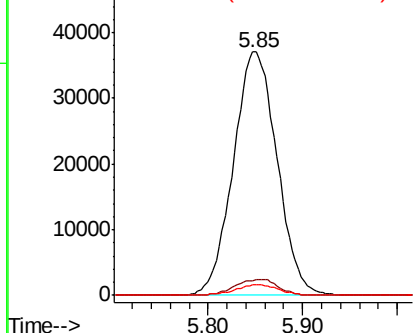
#21
 1,1-Dichloroethane
 Concen: 20.234 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion: 63 Resp: 119111
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.3 2.1 6.3

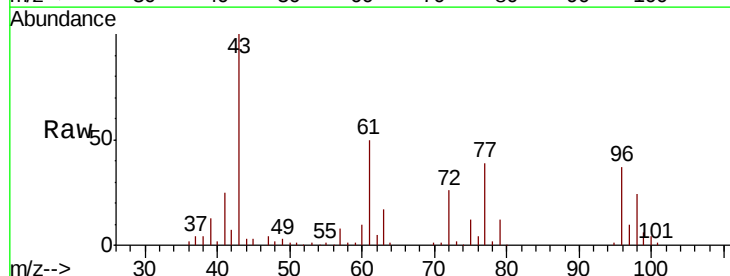


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

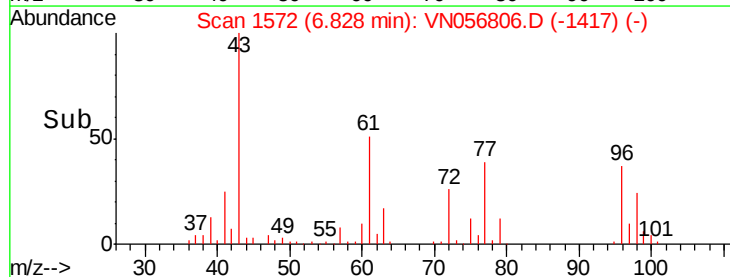
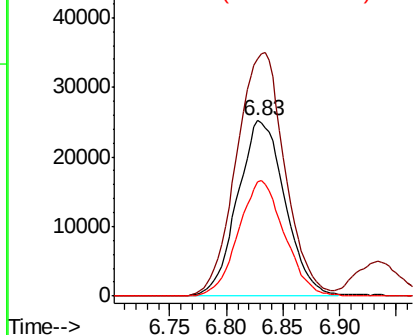


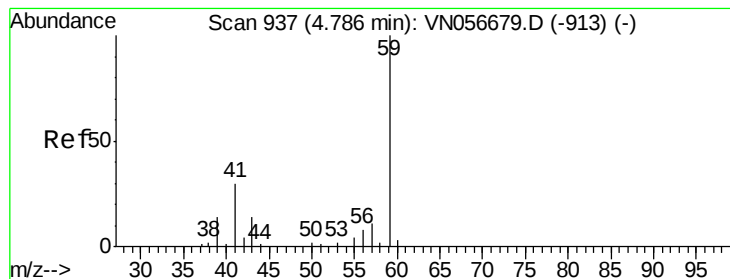
#22
 cis-1,2-Dichloroethene
 Concen: 19.934 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 96 Resp: 73760
 Ion Ratio Lower Upper
 96 100
 61 141.7 112.1 168.1
 98 63.4 52.2 78.2



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



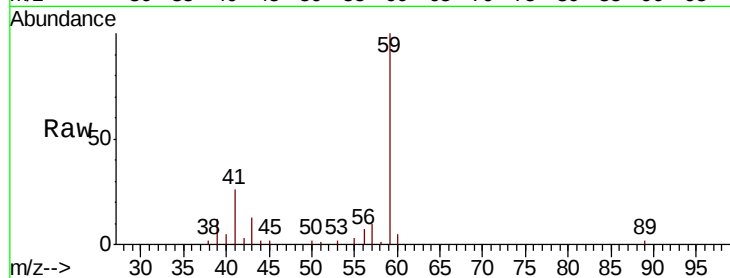


#23

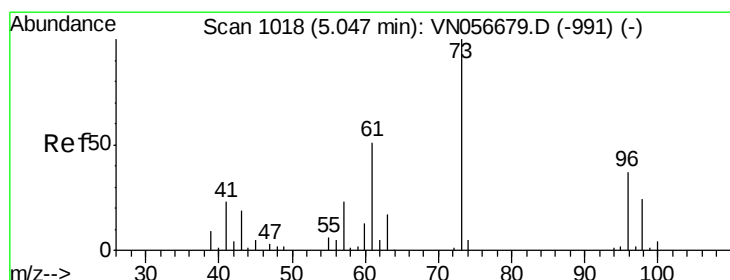
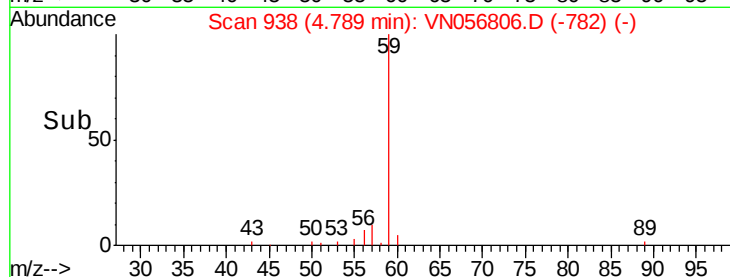
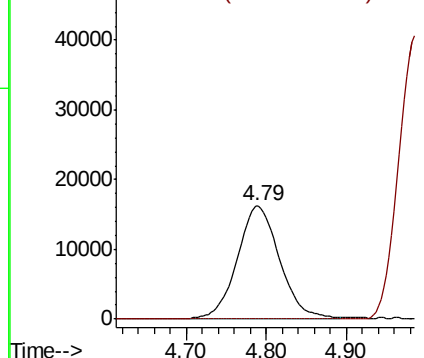
tert-Butyl Alcohol
 Concen: 96.576 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion: 59 Resp: 58720
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#



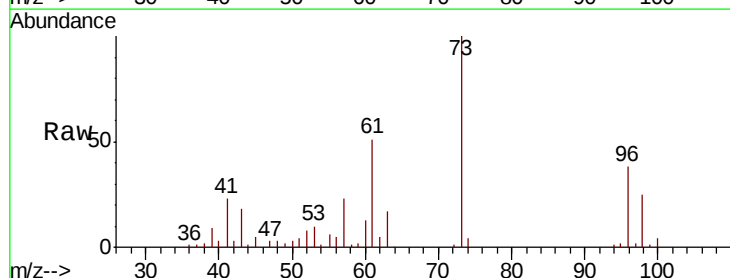
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0



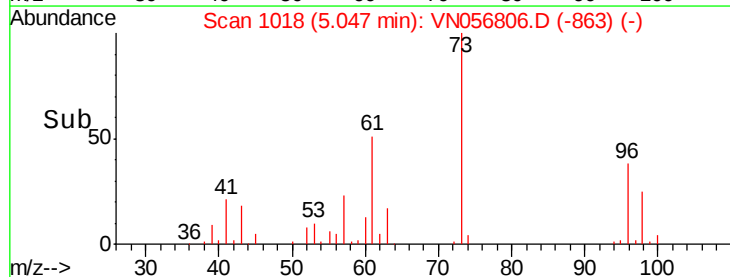
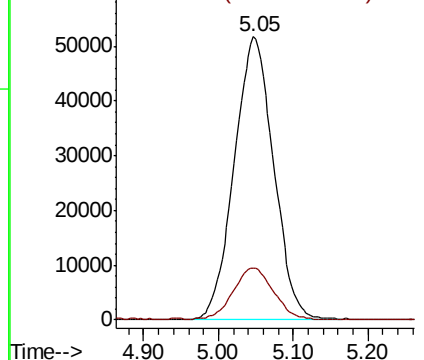
#24

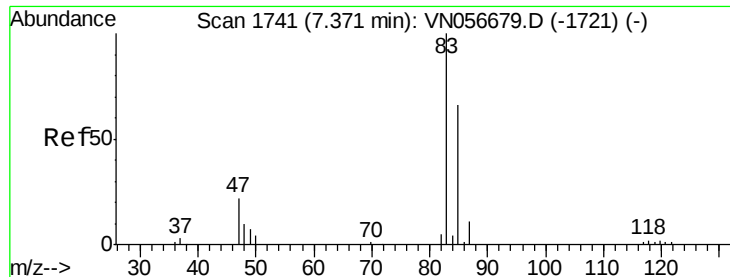
Methyl tert-Butyl Ether
 Concen: 20.078 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 73 Resp: 189292
 Ion Ratio Lower Upper
 73 100
 43 18.6 15.1 22.7



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

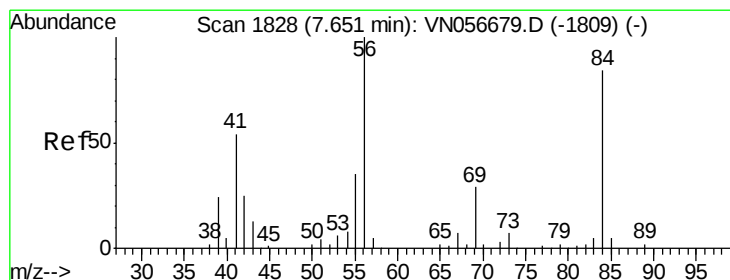
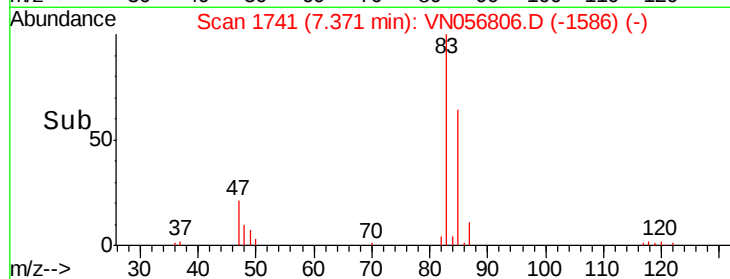
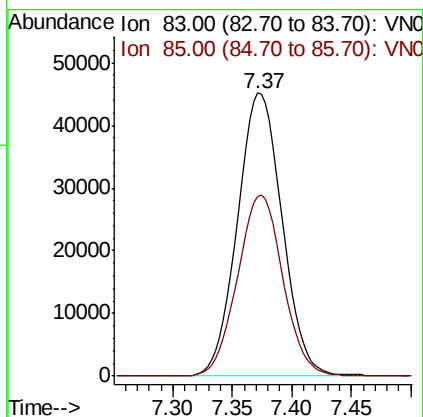
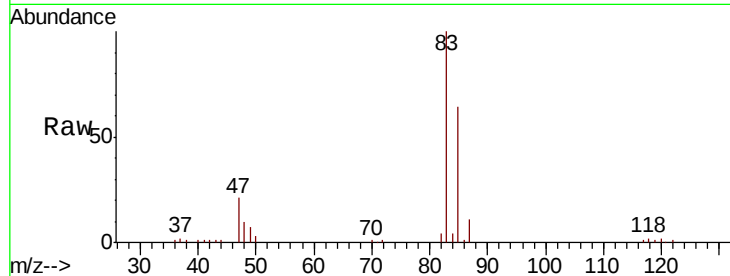




#25
Chloroform
Concen: 20.534 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

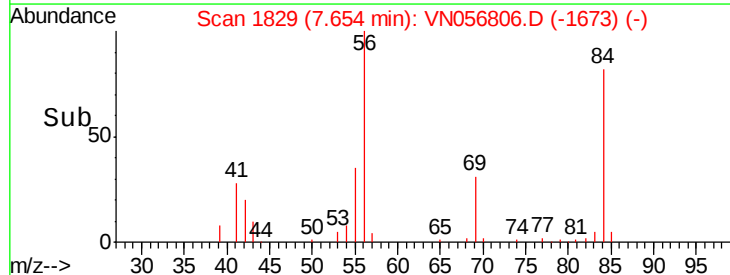
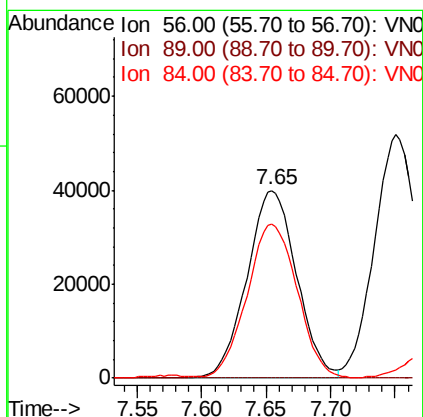
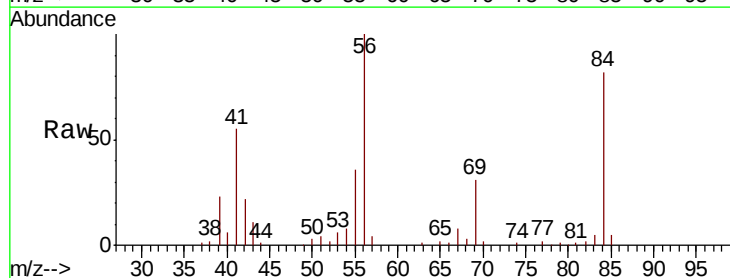
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

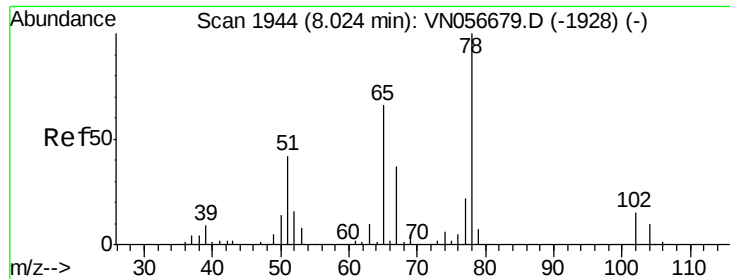
Tot Ion: 83 Resp: 117762
Ion Ratio Lower Upper
83 100
85 63.6 52.6 79.0



#26
Cyclohexane
Concen: 19.571 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 56 Resp: 107084
Ion Ratio Lower Upper
56 100
89 0.0 1.4 2.2#
84 83.4 68.2 102.4

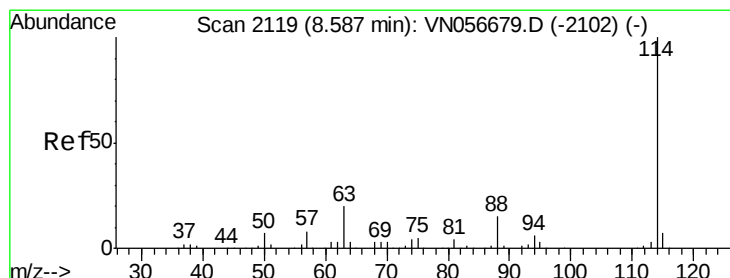
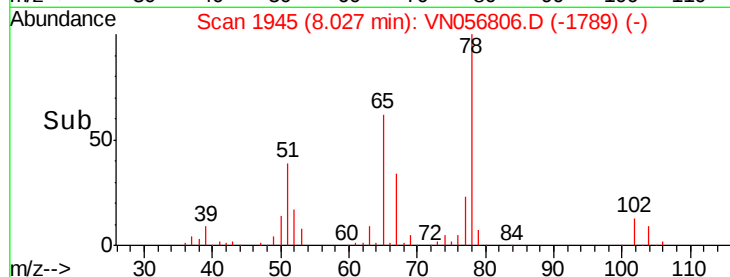
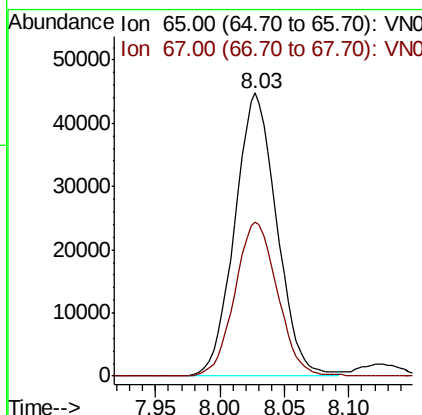
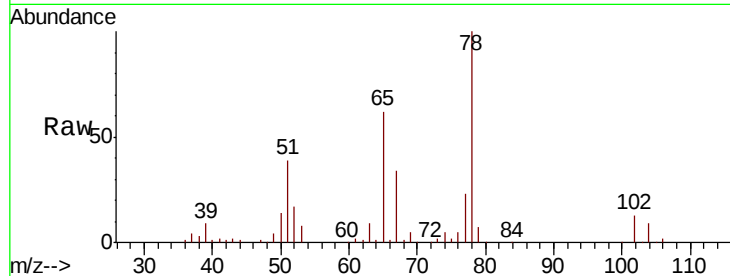




#27
 1,2-Dichloroethane-d4
 Concen: 29.920 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

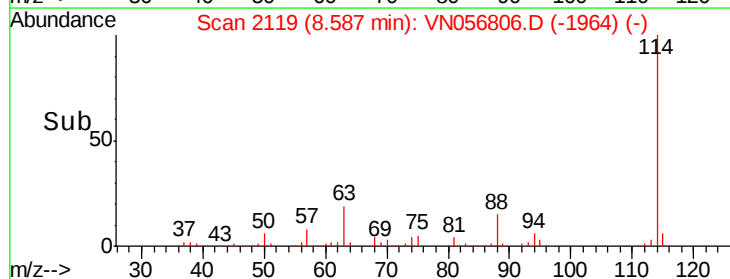
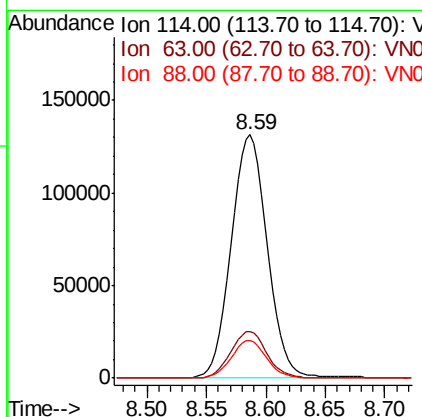
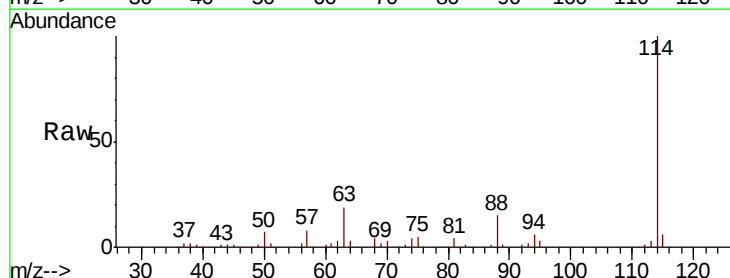
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

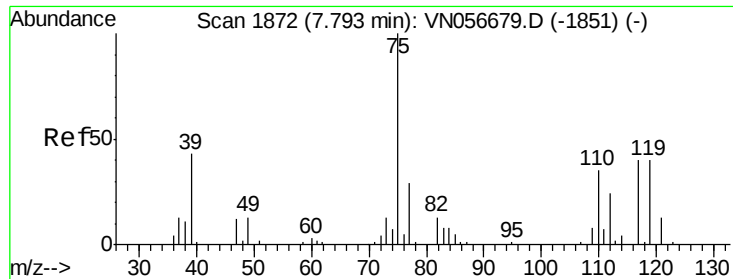
Tot Ion: 65 Resp: 101571
 Ion Ratio Lower Upper
 65 100
 67 54.8 43.4 65.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 114 Resp: 277204
 Ion Ratio Lower Upper
 114 100
 63 19.3 16.2 24.2
 88 15.1 12.3 18.5

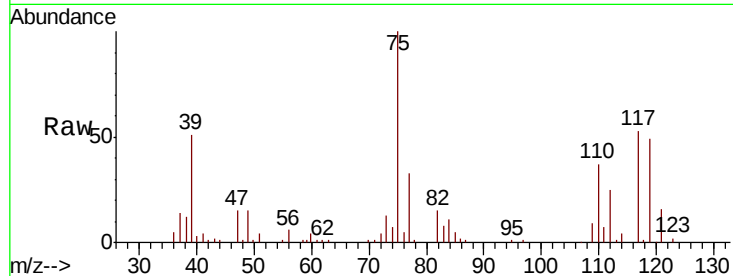




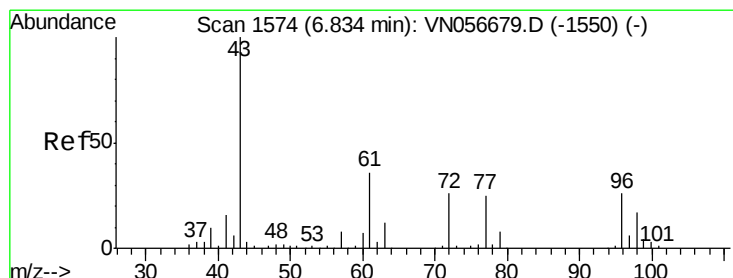
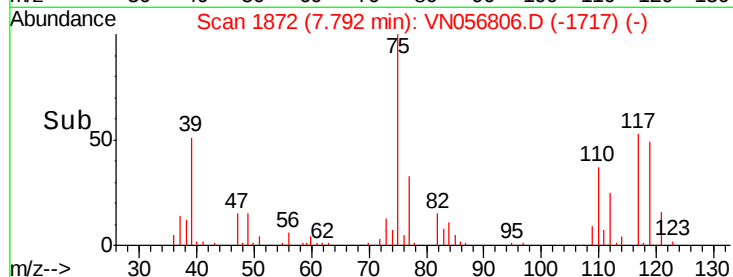
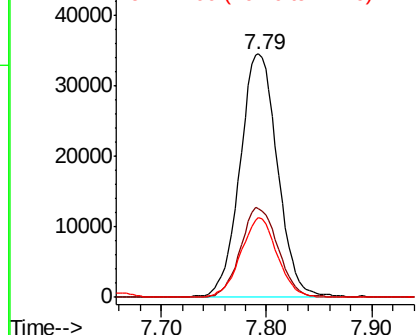
#29
 1,1-Dichloropropene
 Concen: 19.427 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion: 75 Resp: 85604
 Ion Ratio Lower Upper
 75 100
 110 36.5 0.0 72.4
 77 31.7 0.0 62.2

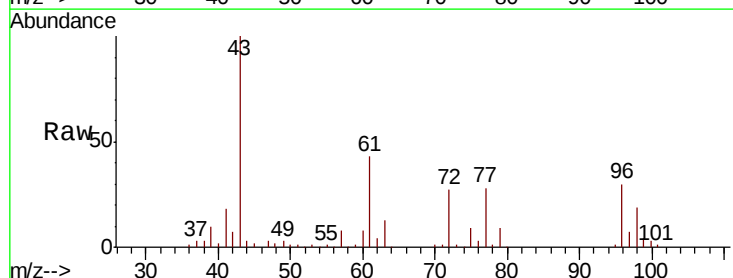


Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VN0

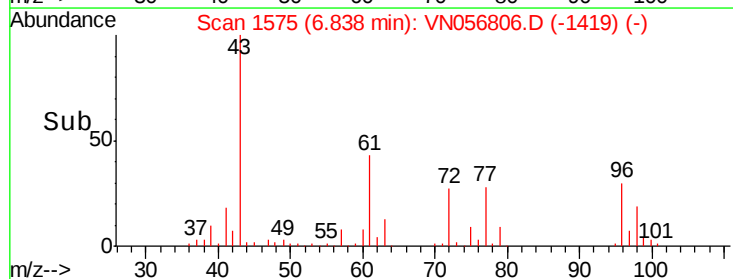
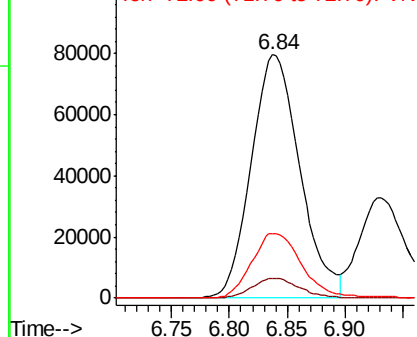


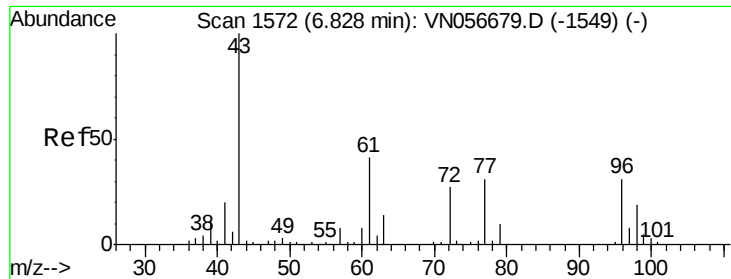
#30
 2-Butanone
 Concen: 91.106 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 43 Resp: 232428
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.6 10.0
 72 27.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0





#31

2,2-Dichloropropane

Concen: 19.626 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

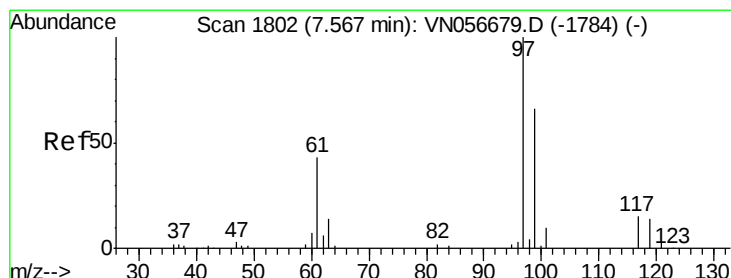
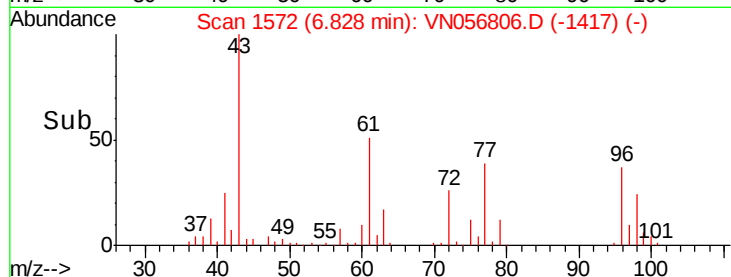
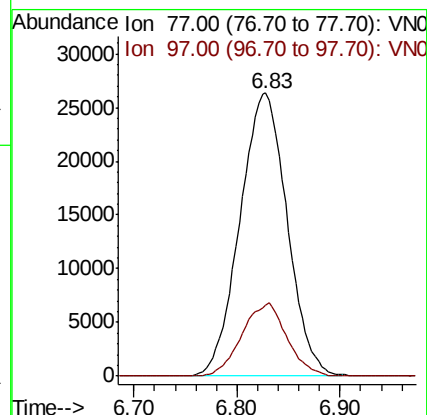
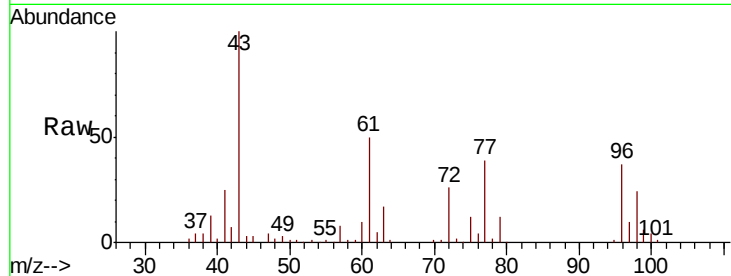
VN0718WBSD01

Tot Ion: 77 Resp: 83695

Ion Ratio Lower Upper

77 100

97 24.7 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 20.179 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

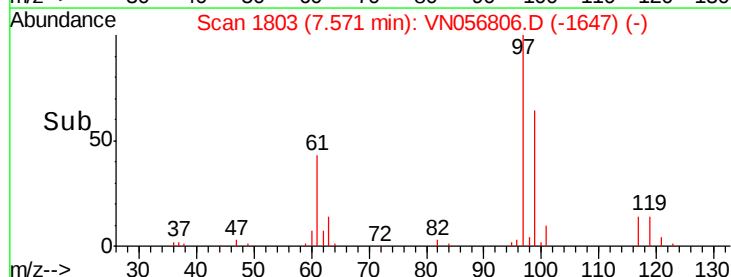
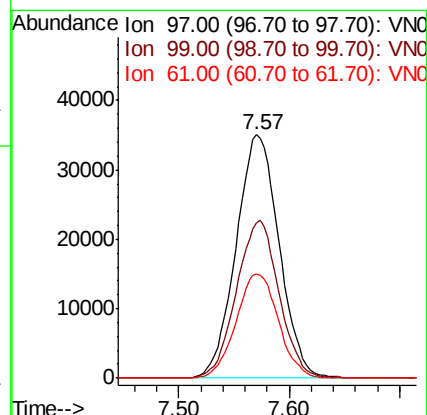
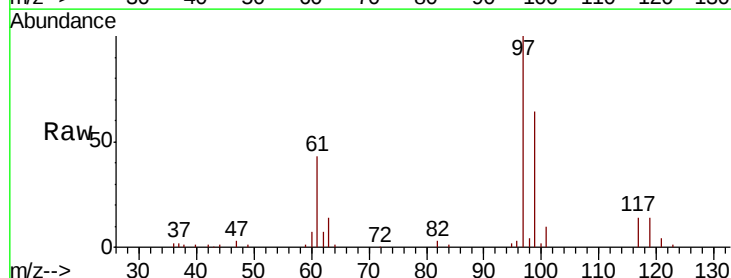
Tgt Ion: 97 Resp: 94777

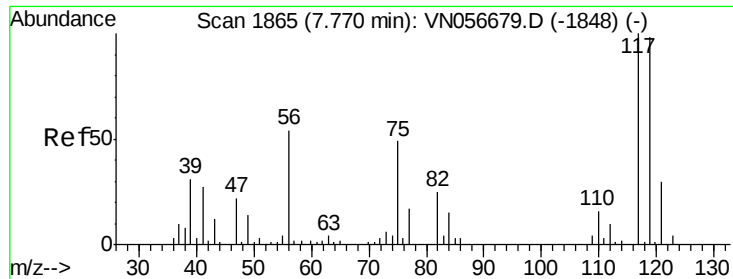
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 42.1 34.4 51.6

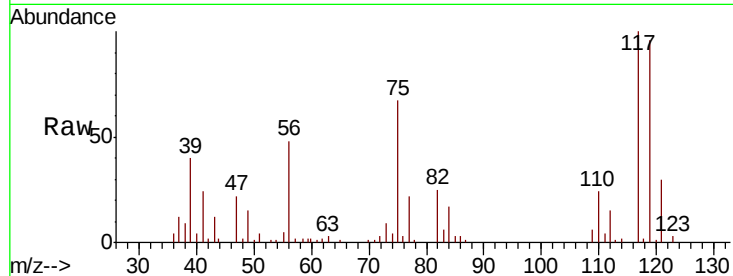




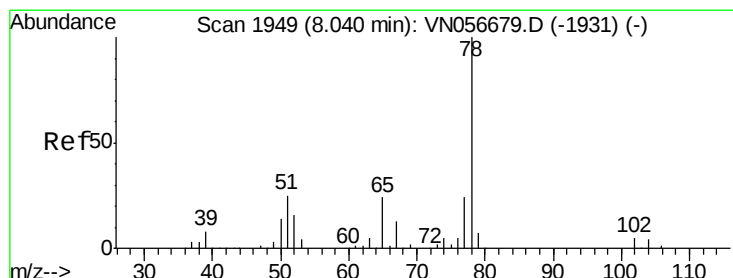
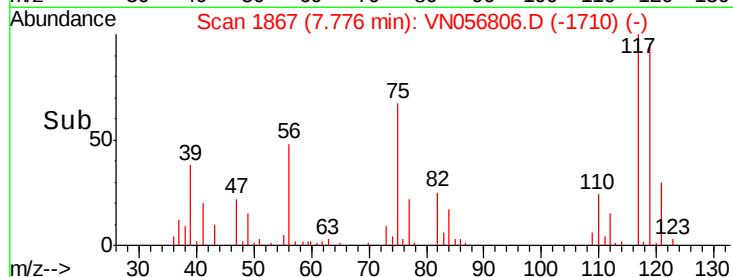
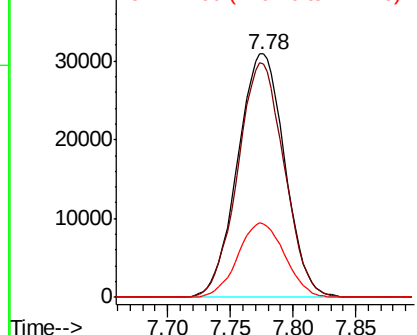
#33
Carbon Tetrachloride
Concen: 19.974 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion:117 Resp: 80733
Ion Ratio Lower Upper
117 100
119 96.1 78.7 118.1
121 29.9 24.0 36.0

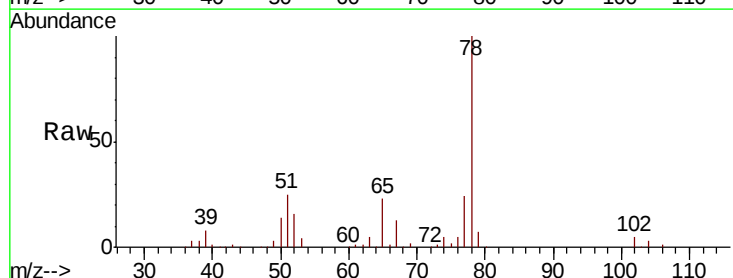


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

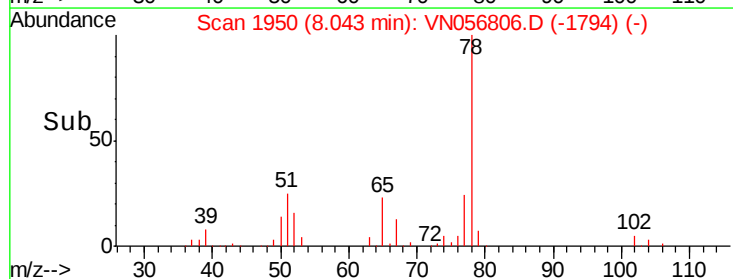
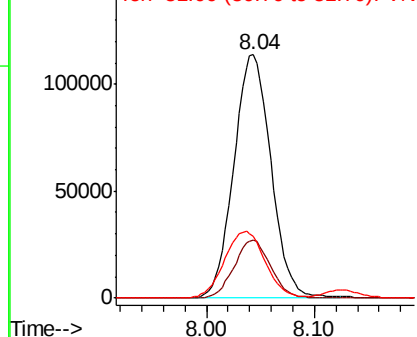


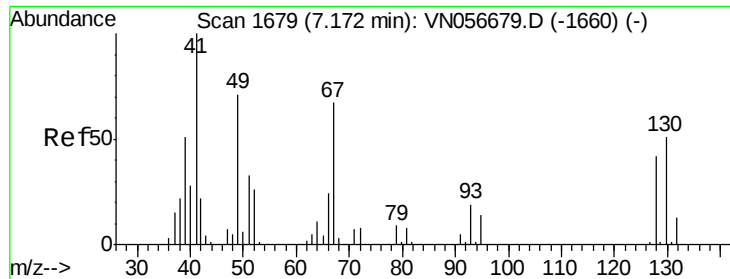
#34
Benzene
Concen: 20.184 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 78 Resp: 273270
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4
51 25.0 19.7 29.5



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

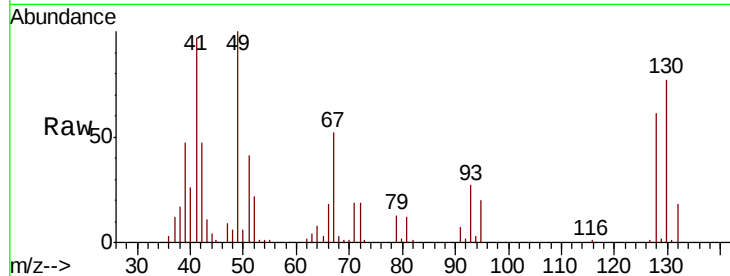




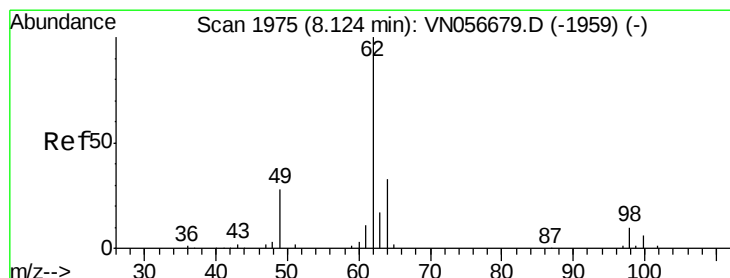
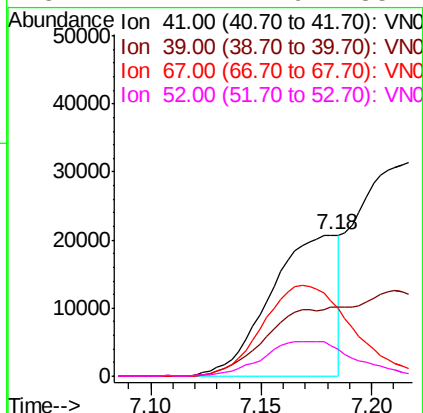
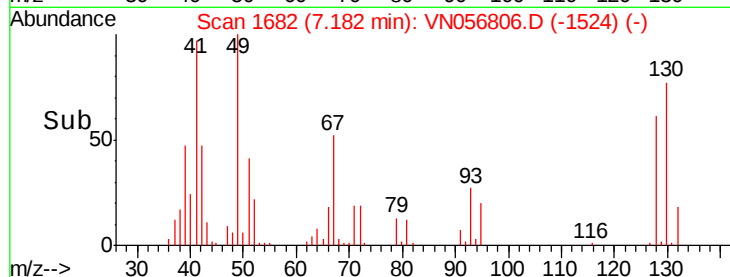
#35
Methacrylonitrile
Concen: 22.603 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion: 41 Resp: 44053
Ion Ratio Lower Upper
41 100
39 48.7 25.4 76.2
67 53.7 33.6 100.8
52 22.2 12.9 38.7

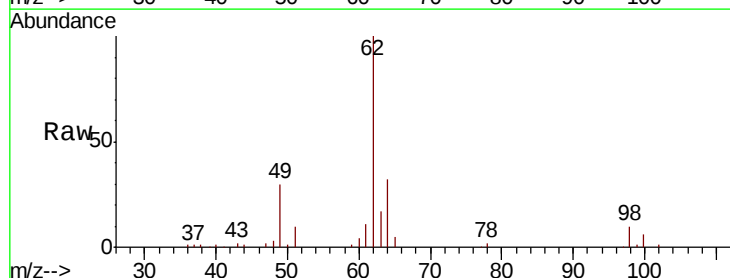


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

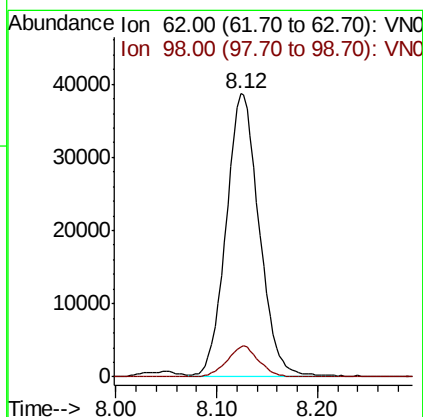
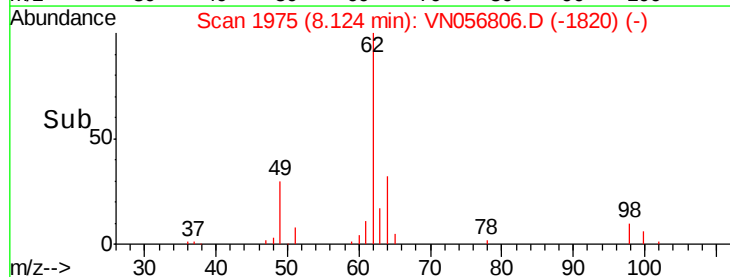


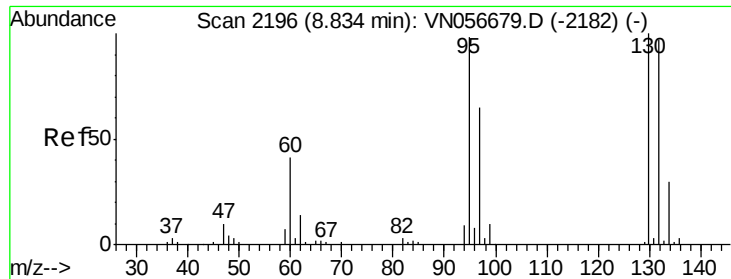
#36
1,2-Dichloroethane
Concen: 20.171 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 62 Resp: 87726
Ion Ratio Lower Upper
62 100
98 10.3 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

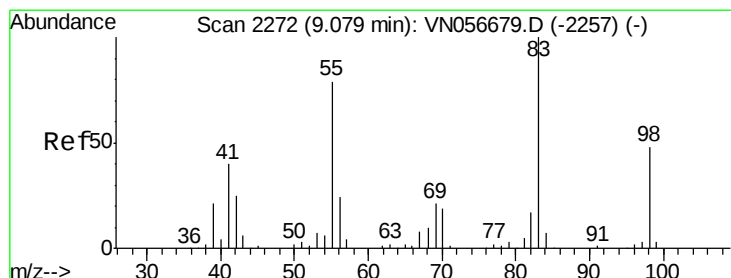
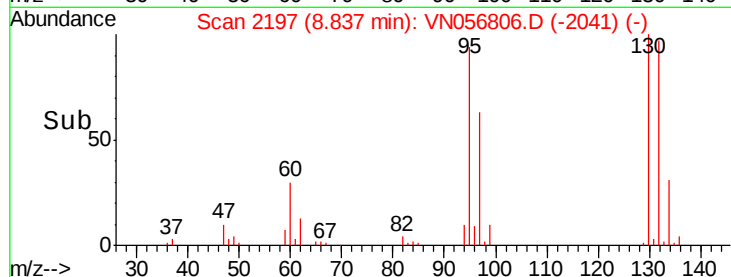
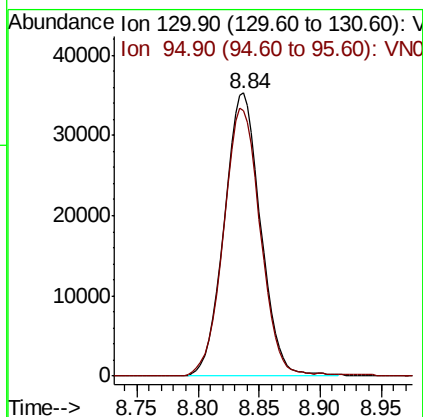
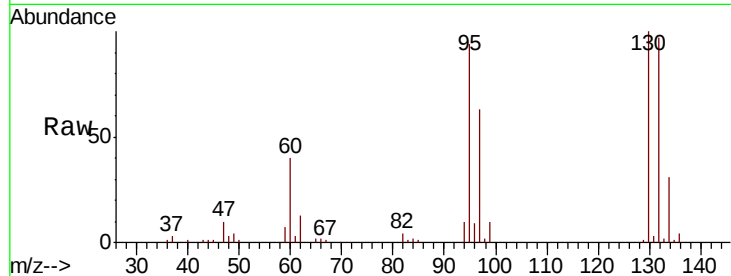




#37
 Trichloroethene
 Concen: 19.954 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

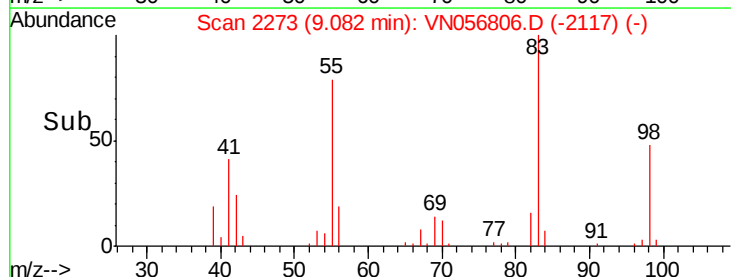
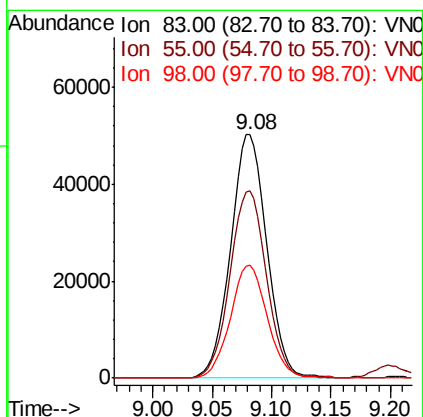
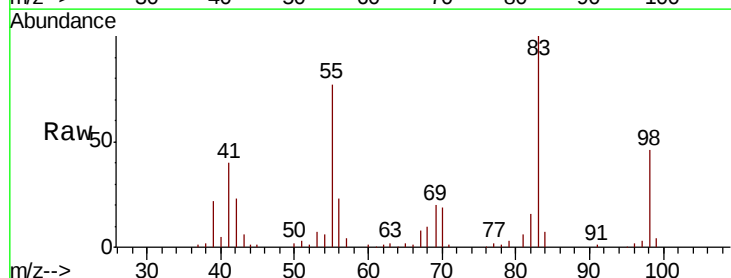
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

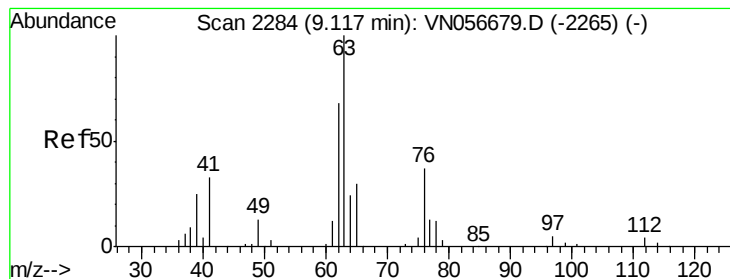
Tot Ion:130 Resp: 73370
 Ion Ratio Lower Upper
 130 100
 95 93.4 78.4 117.6



#38
 Methylcyclohexane
 Concen: 19.056 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 83 Resp: 106077
 Ion Ratio Lower Upper
 83 100
 55 77.2 38.4 115.2
 98 47.1 23.3 69.9





#39

1,2-Dichloropropane

Concen: 20.188 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

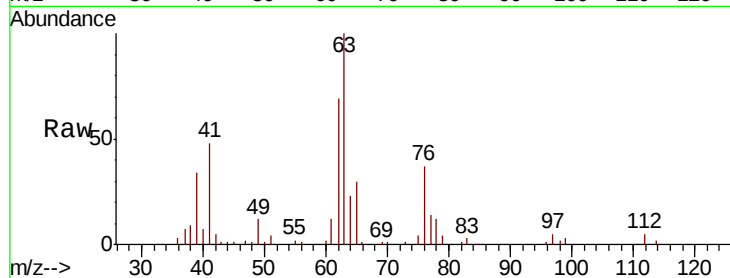
VN0718WBSD01

Tot Ion: 63 Resp: 73363

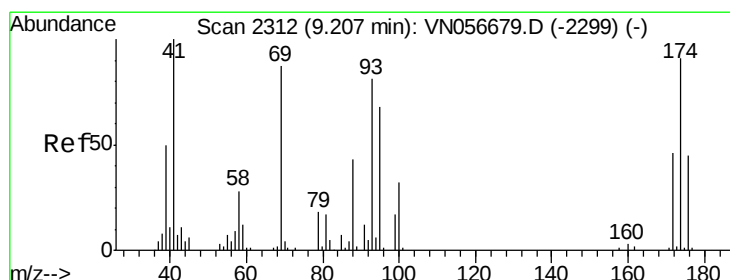
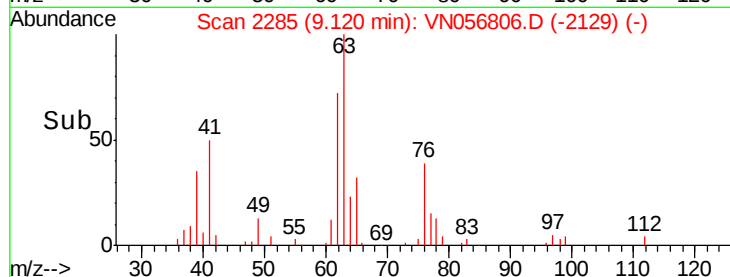
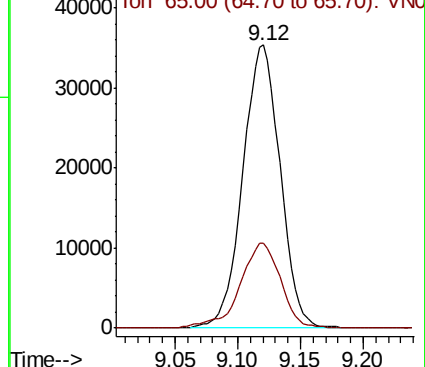
Ion Ratio Lower Upper

63 100

65 30.2 24.6 36.8



Abundance Ion 63.00 (62.70 to 63.70): VN056679.D (-2265) (-)



#40

Dibromomethane

Concen: 20.396 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

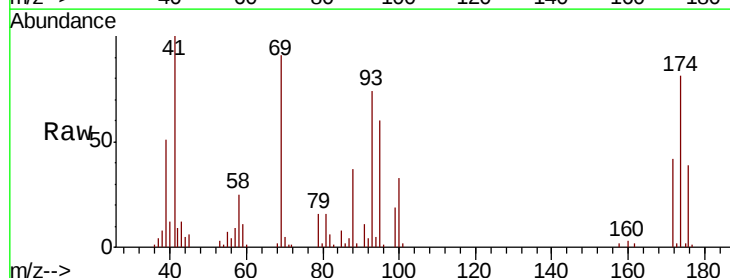
Tgt Ion: 93 Resp: 47210

Ion Ratio Lower Upper

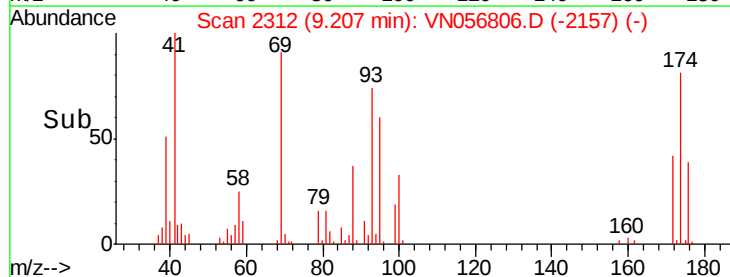
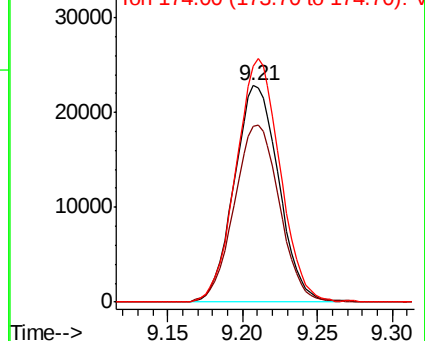
93 100

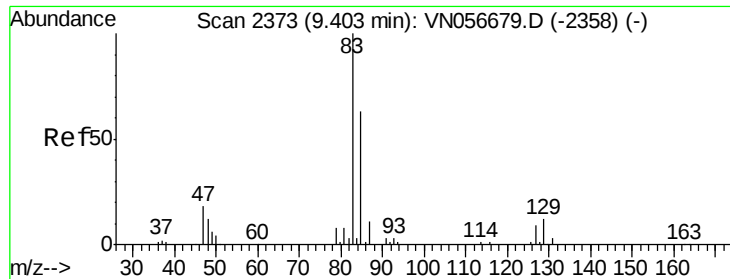
95 83.1 0.0 167.0

174 111.0 0.0 224.2



Abundance Ion 93.00 (92.70 to 93.70): VN056679.D (-2299) (-)





#41

Bromodichloromethane

Concen: 20.058 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

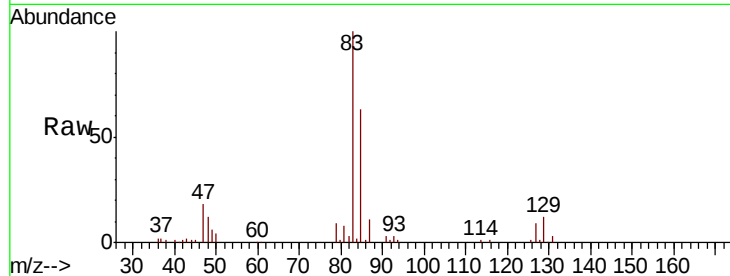
Tot Ion: 83 Resp: 85567

Ion Ratio Lower Upper

83 100

85 63.3 50.1 75.1

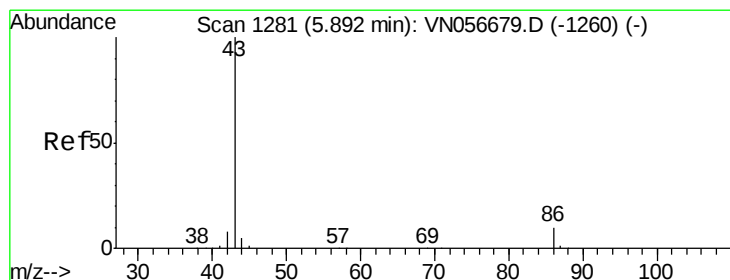
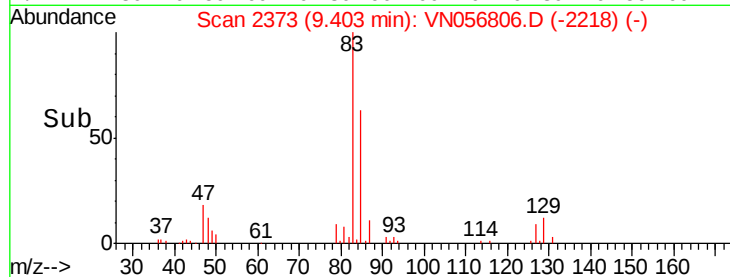
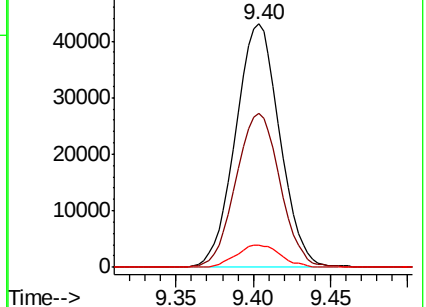
127 8.9 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN056679.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN056679.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN056679.D (-2358) (-)



#42

Vinyl Acetate

Concen: 100.381 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056806.D

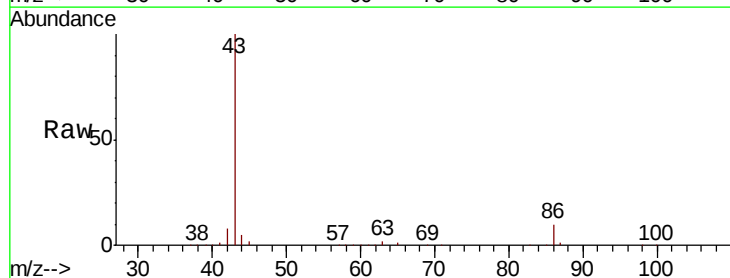
Acq: 18 Jul 2019 11:42

Tgt Ion: 43 Resp: 852314

Ion Ratio Lower Upper

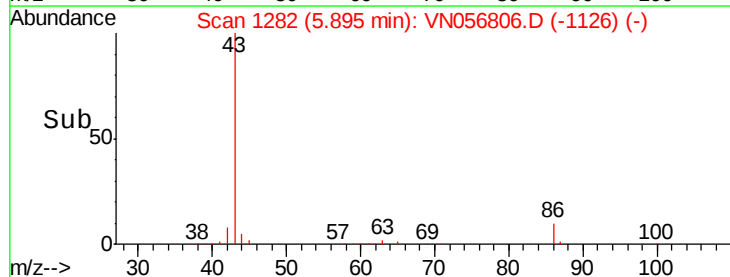
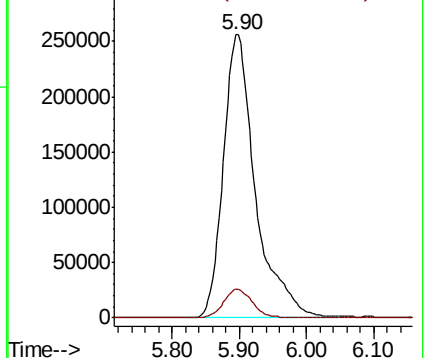
43 100

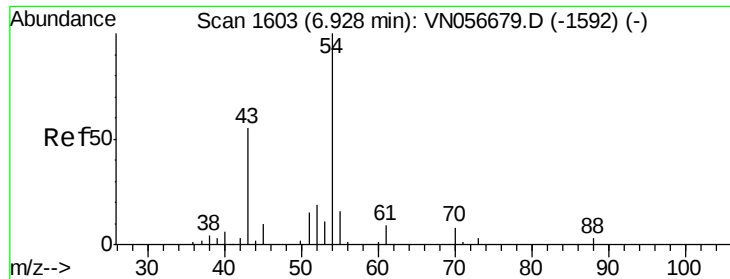
86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN056679.D (-1260) (-)

Ion 86.00 (85.70 to 86.70): VN056679.D (-1260) (-)

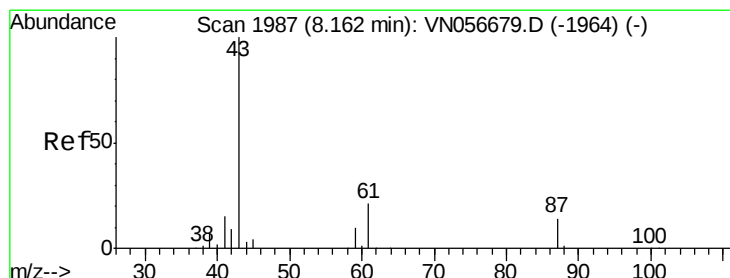
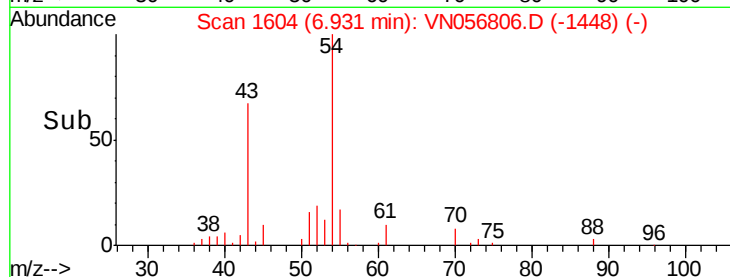
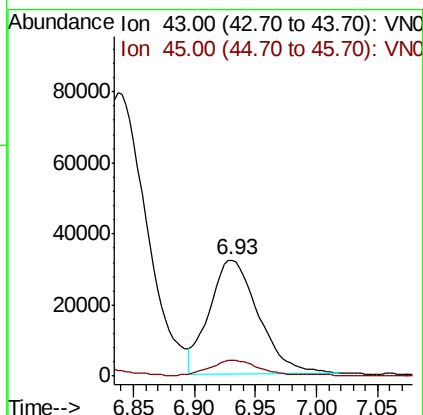
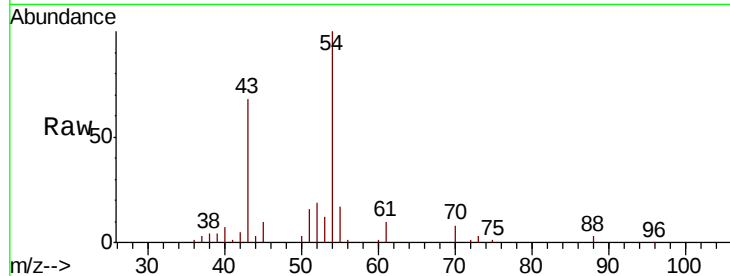




#43
Ethyl Acetate
Concen: 19.409 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

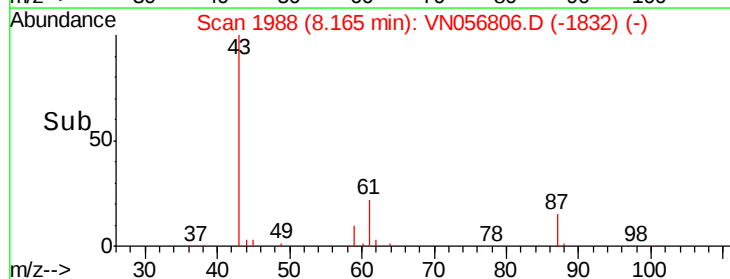
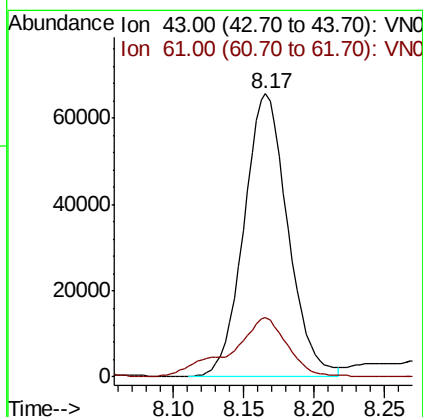
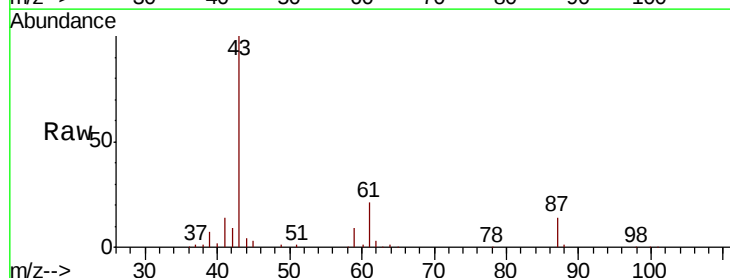
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

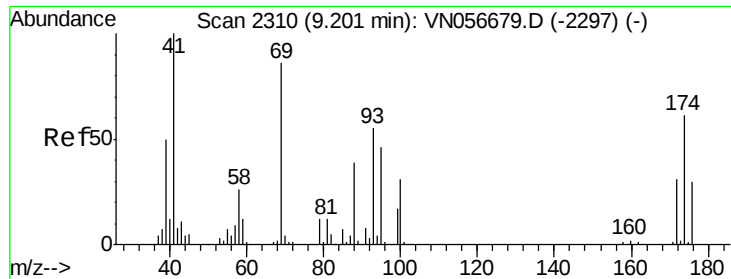
Tot Ion: 43 Resp: 89478
Ion Ratio Lower Upper
43 100
45 15.5 11.2 16.8



#44
Isopropyl Acetate
Concen: 19.729 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 43 Resp: 141860
Ion Ratio Lower Upper
43 100
61 21.8 22.6 33.8#

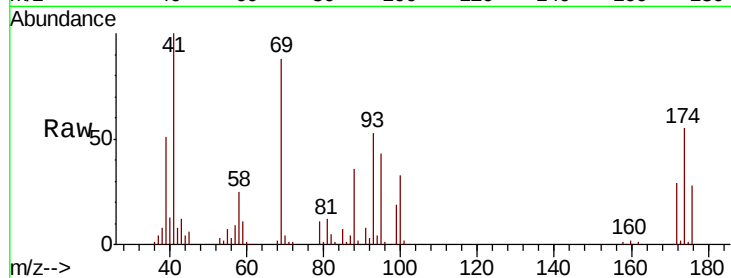




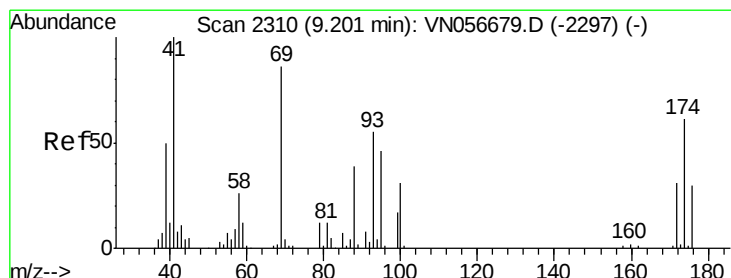
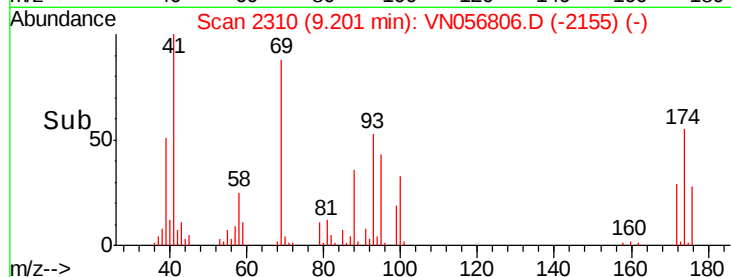
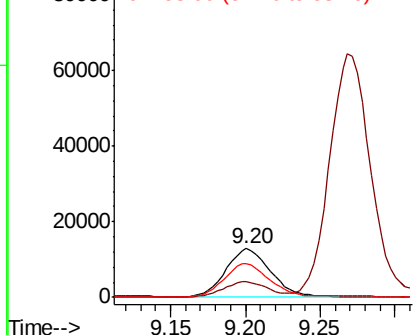
#45
 1,4-Dioxane
 Concen: 372.274 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Tot Ion: 88 Resp: 27081
 Ion Ratio Lower Upper
 88 100
 43 28.5 23.0 34.6
 58 70.9 54.6 81.8

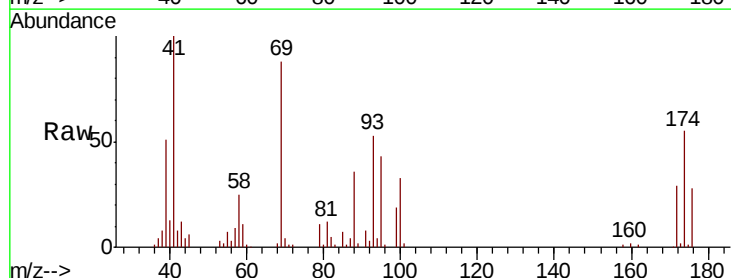


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

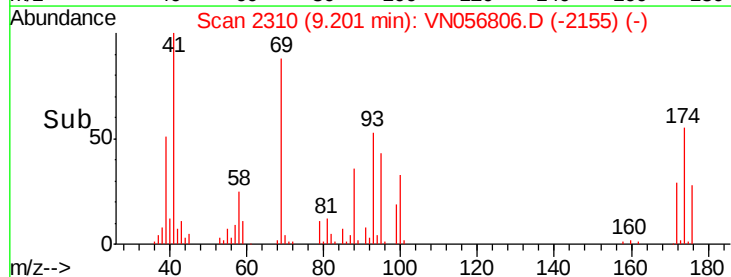
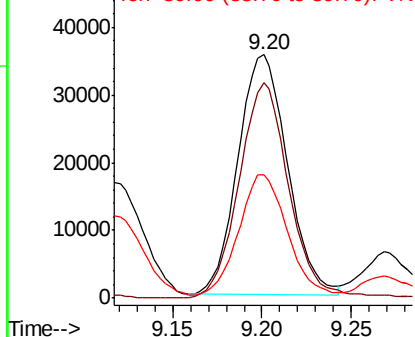


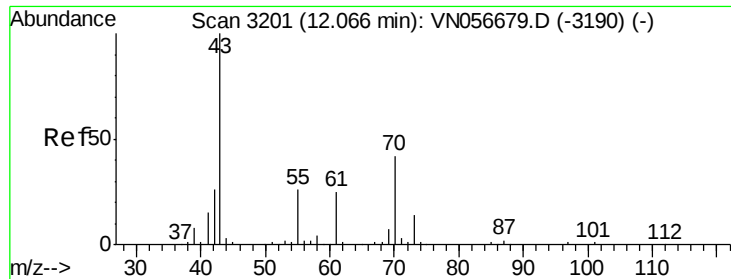
#46
 Methyl methacrylate
 Concen: 19.990 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 41 Resp: 69055
 Ion Ratio Lower Upper
 41 100
 69 89.6 43.0 129.0
 39 50.0 25.1 75.4



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

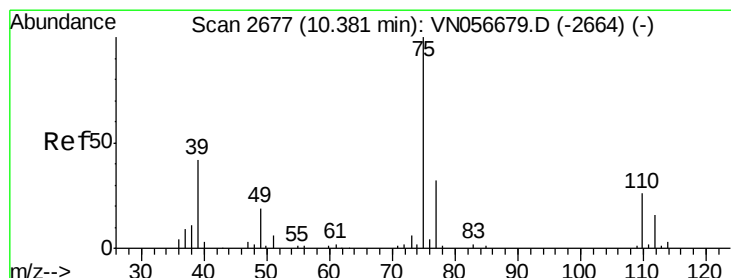
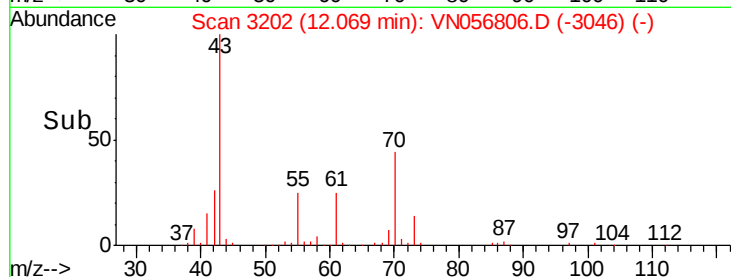
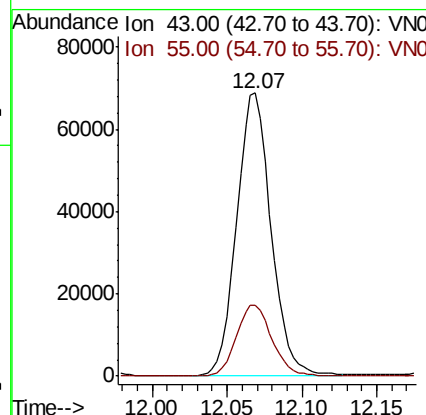
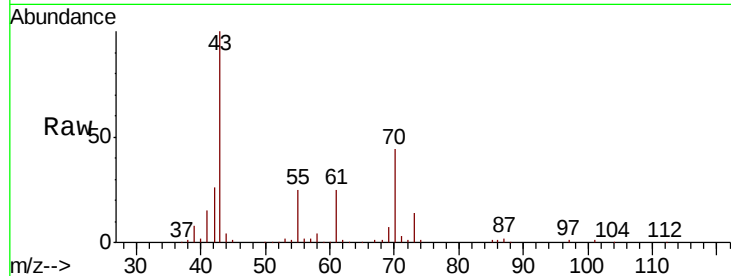




#47
n-amvl Acetate
Concen: 18.830 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

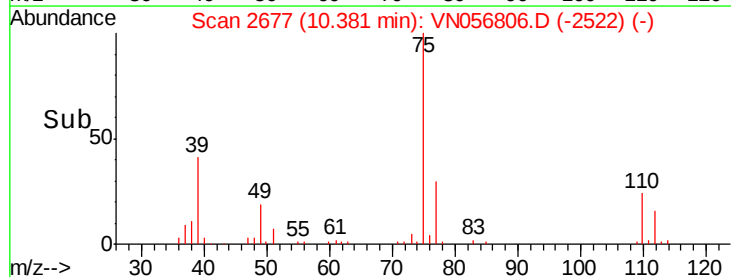
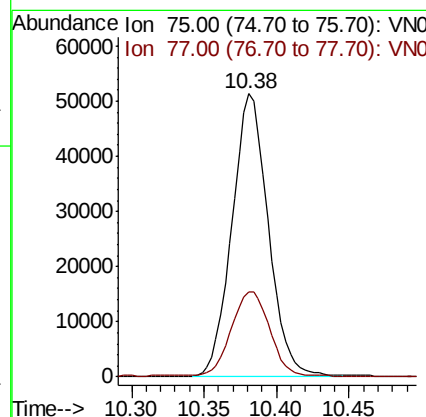
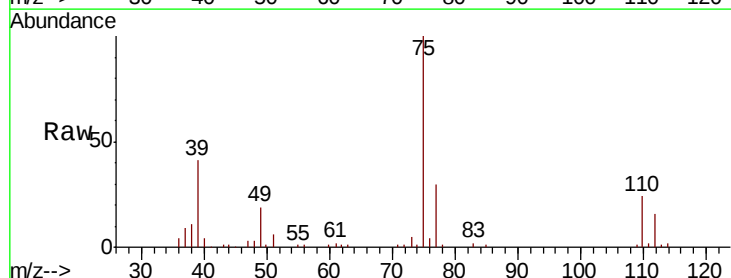
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

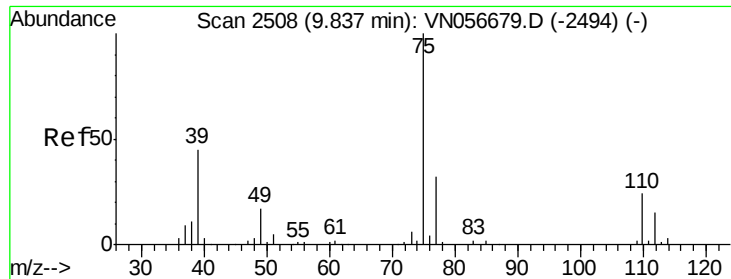
Tot Ion: 43 Resp: 110733
Ion Ratio Lower Upper
43 100
55 25.9 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 19.064 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 75 Resp: 89456
Ion Ratio Lower Upper
75 100
77 29.7 25.7 38.5

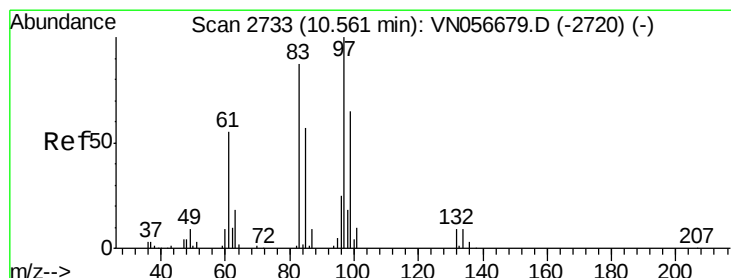
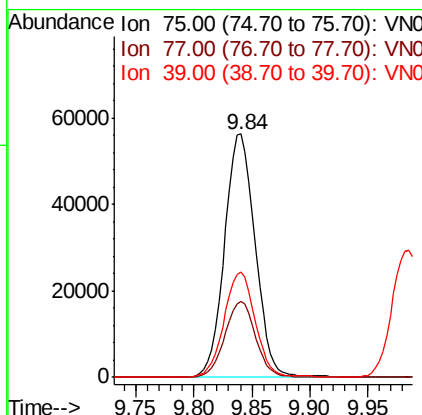
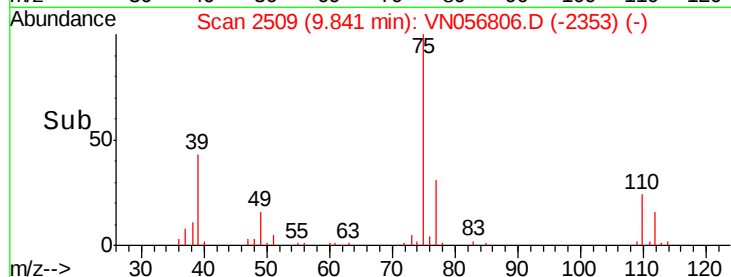
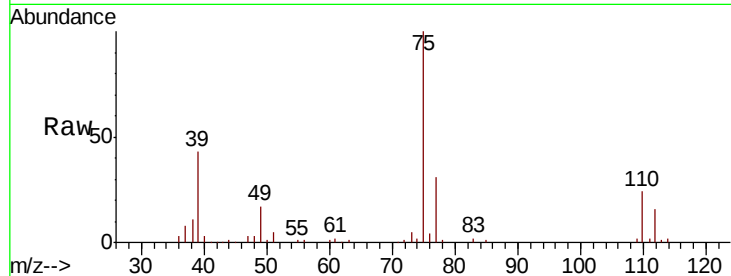




#49
 cis-1,3-Dichloropropene
 Concen: 19.546 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

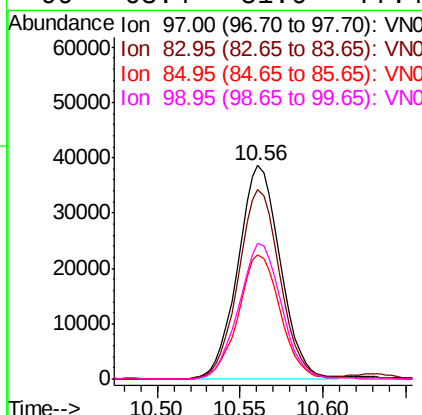
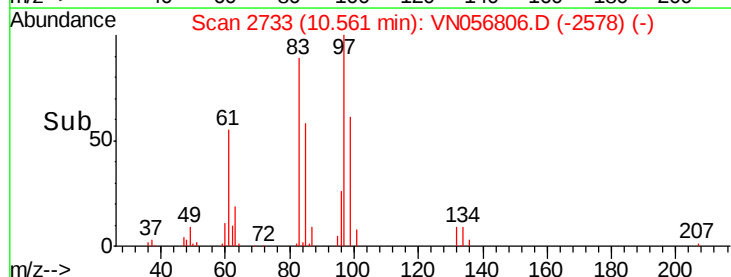
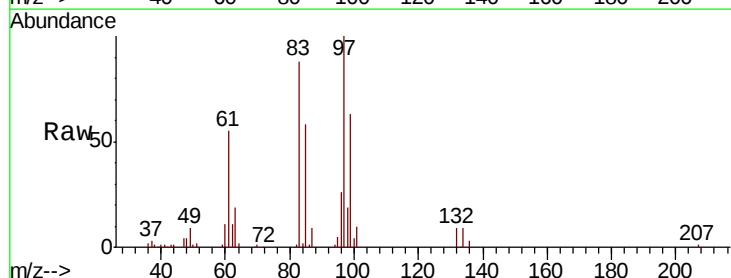
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

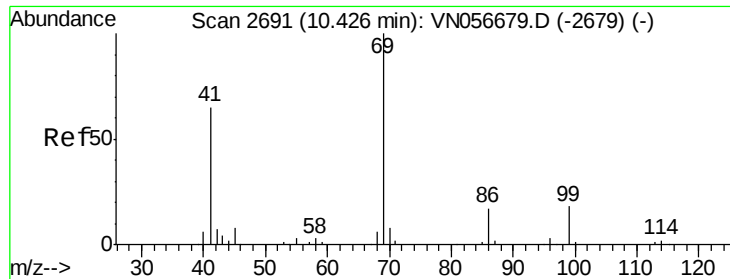
Tot Ion: 75 Resp: 103468
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.0 39.0
 39 43.3 36.2 54.4



#50
 1,1,2-Trichloroethane
 Concen: 20.419 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 97 Resp: 68859
 Ion Ratio Lower Upper
 97 100
 83 88.5 69.2 103.8
 85 58.2 45.3 67.9
 99 63.4 51.6 77.4





#51

Ethyl methacrylate

Concen: 19.805 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

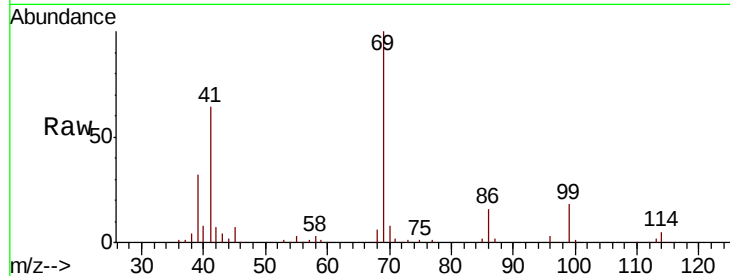
Tot Ion: 69 Resp: 102728

Ion Ratio Lower Upper

69 100

41 63.7 32.8 98.3

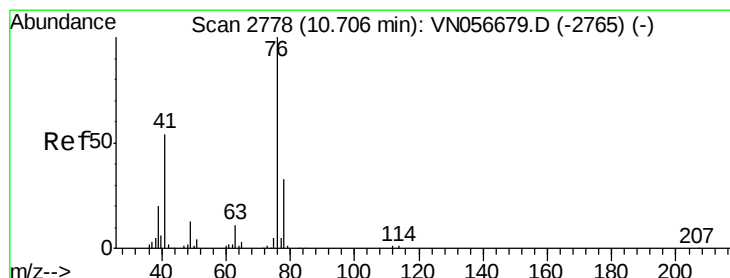
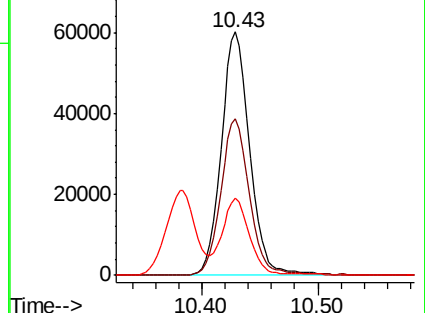
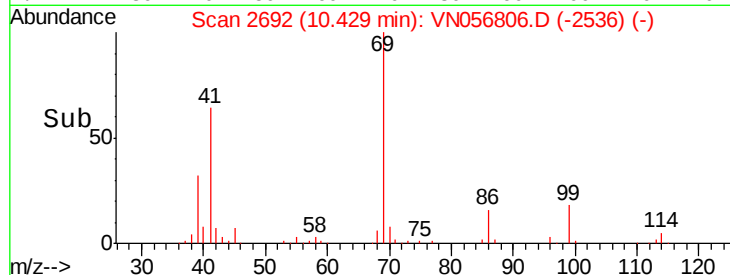
39 31.5 15.4 46.2



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.503 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056806.D

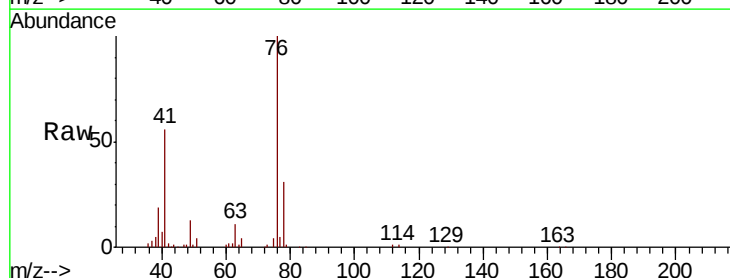
Acq: 18 Jul 2019 11:42

Tgt Ion: 76 Resp: 115690

Ion Ratio Lower Upper

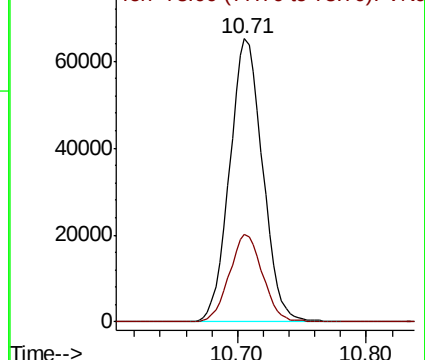
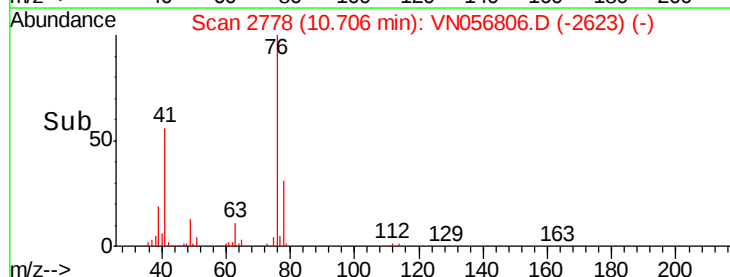
76 100

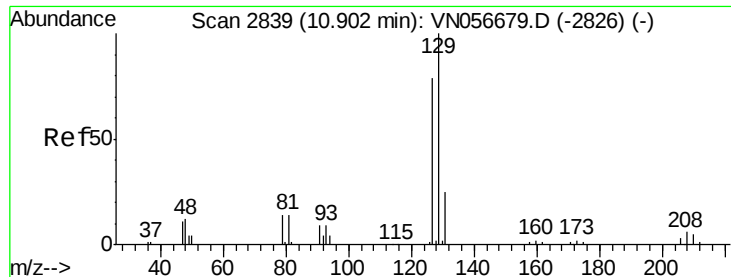
78 31.1 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

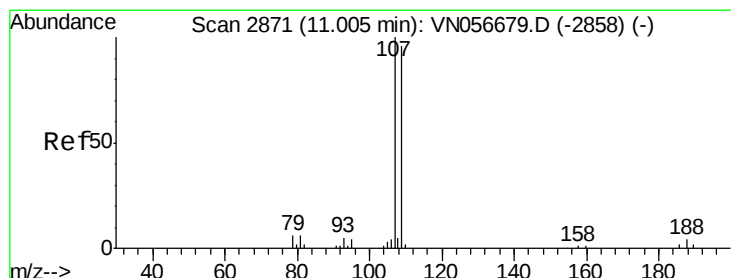
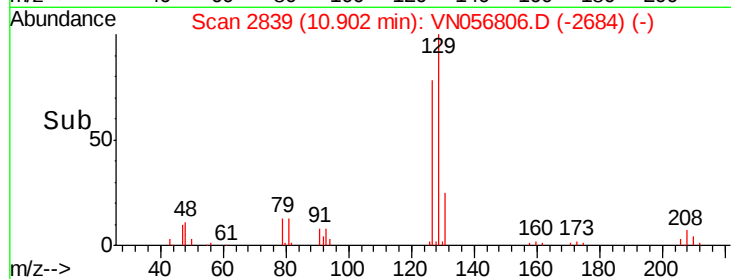
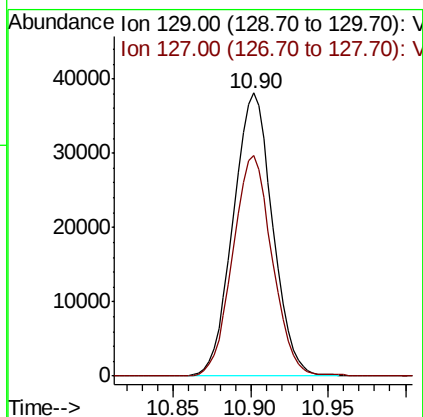
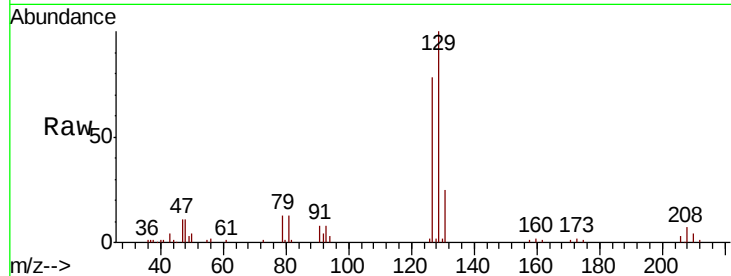




#53
 Dibromochloromethane
 Concen: 19.802 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

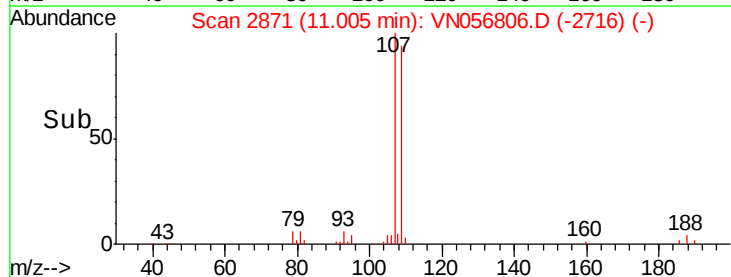
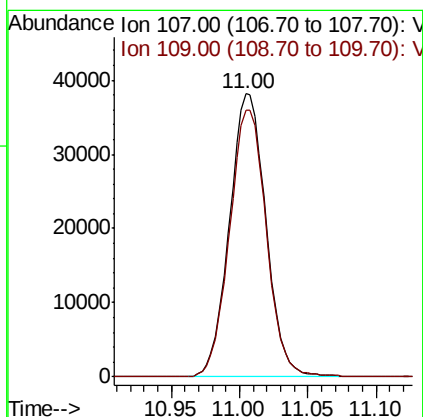
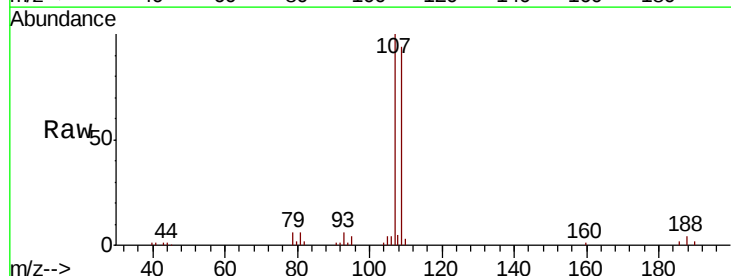
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

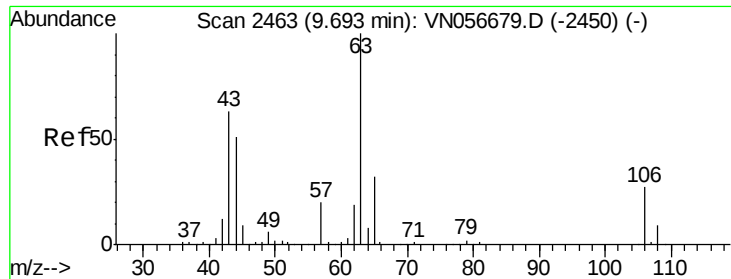
Tot Ion:129 Resp: 67490
 Ion Ratio Lower Upper
 129 100
 127 77.8 38.7 116.1



#54
 1,2-Dibromoethane
 Concen: 20.205 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion:107 Resp: 70814
 Ion Ratio Lower Upper
 107 100
 109 95.4 77.9 116.9

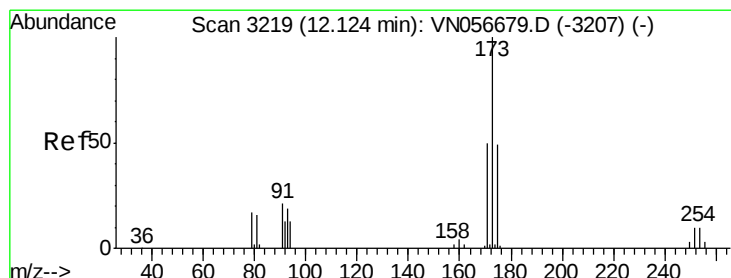
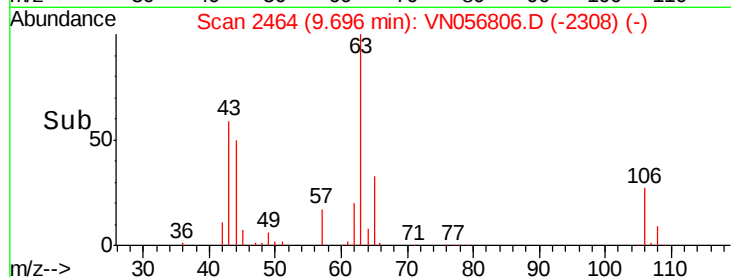
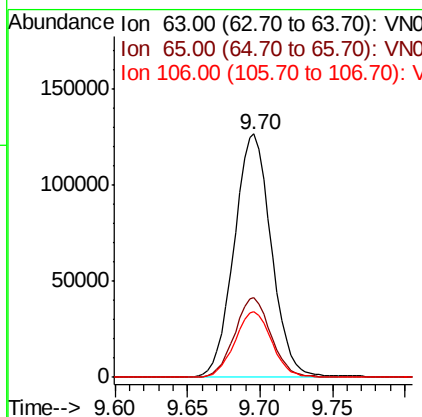
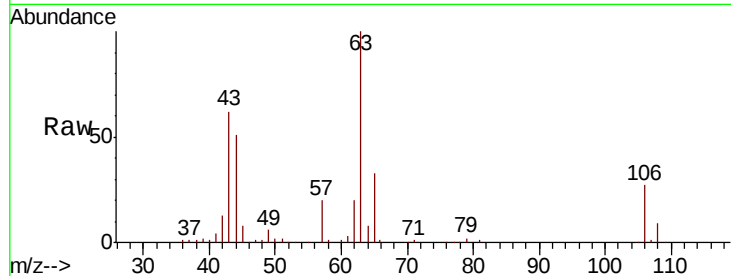




#55
2-Chloroethyl vinyl ether
Concen: 90.009 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

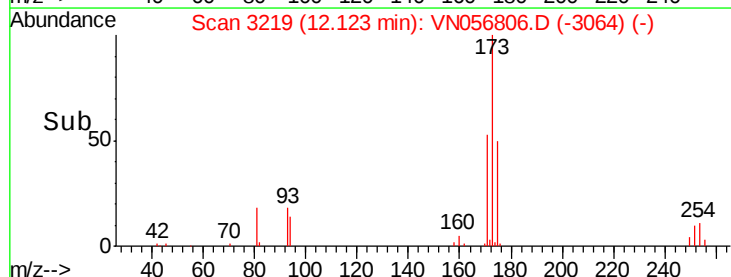
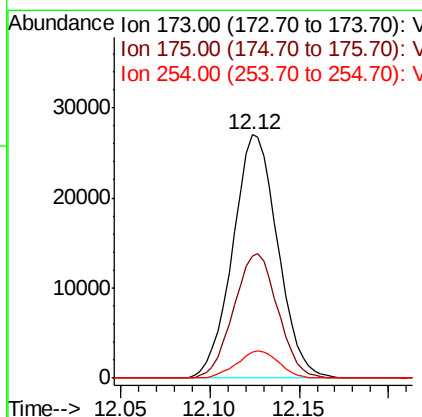
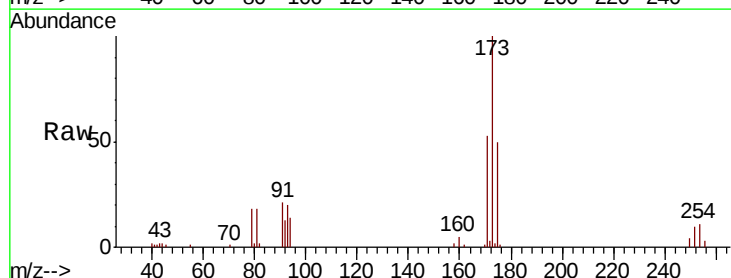
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

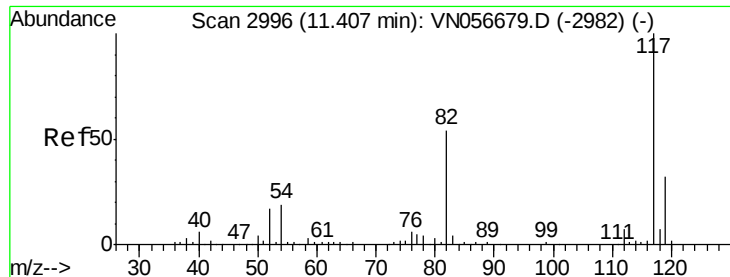
Tot Ion: 63 Resp: 225772
Ion Ratio Lower Upper
63 100
65 32.0 25.2 37.8
106 26.9 21.6 32.4



#56
Bromoform
Concen: 18.860 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 173 Resp: 47585
Ion Ratio Lower Upper
173 100
175 50.1 39.7 59.5
254 10.3 7.8 11.8

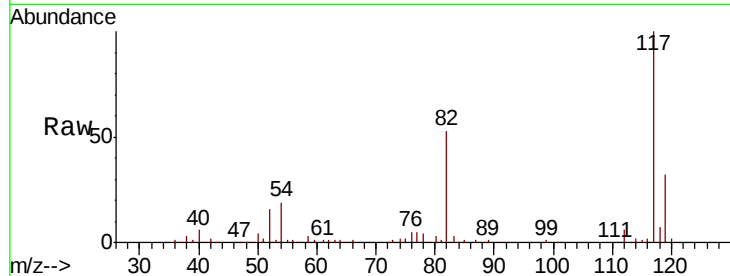




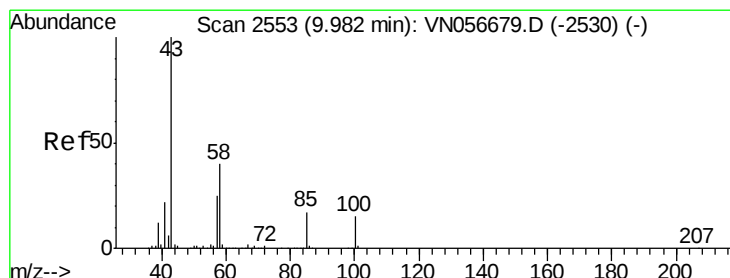
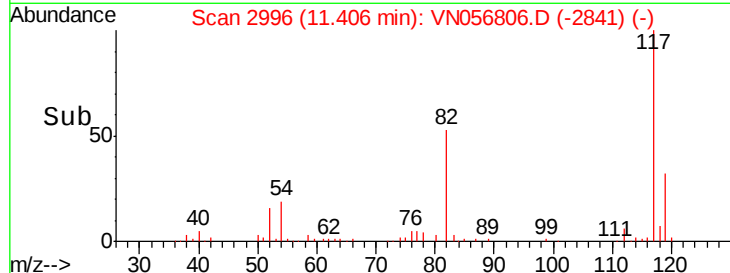
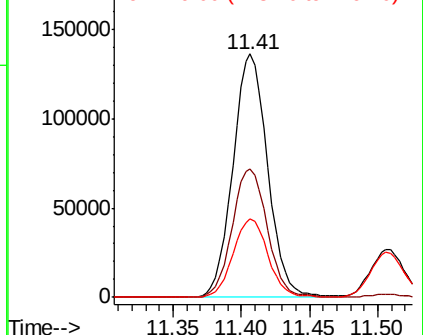
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0718WBSD01

Tot Ion:117 Resp: 241019
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.5 26.0 39.0

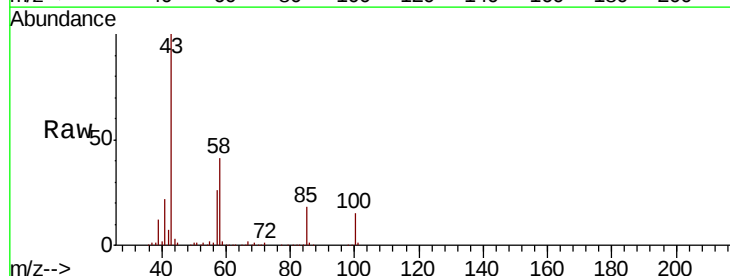


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

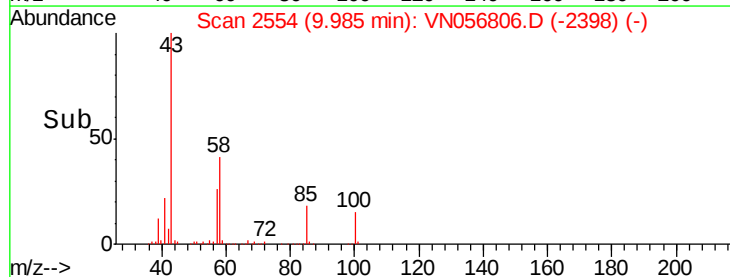
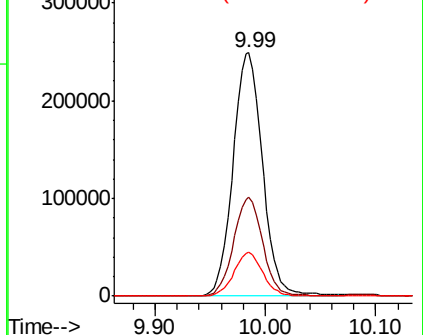


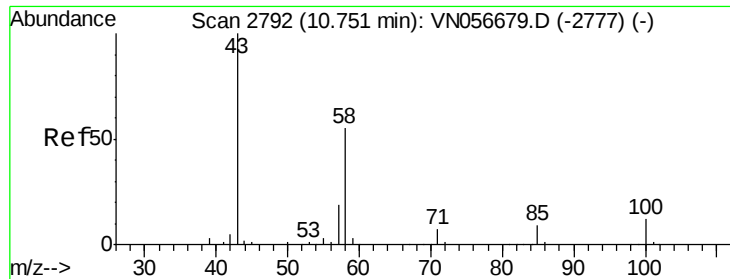
#58
4-Methyl-2-Pentanone
Concen: 101.792 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 43 Resp: 461764
Ion Ratio Lower Upper
43 100
58 40.0 31.9 47.9
85 17.5 14.2 21.4



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

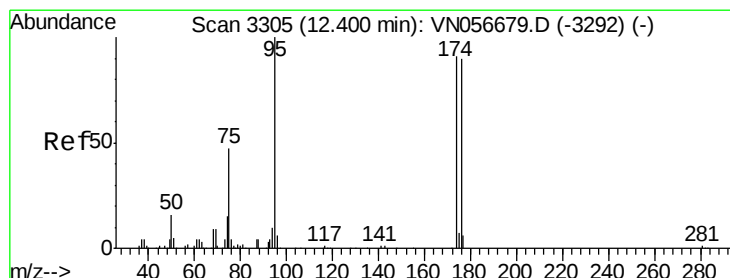
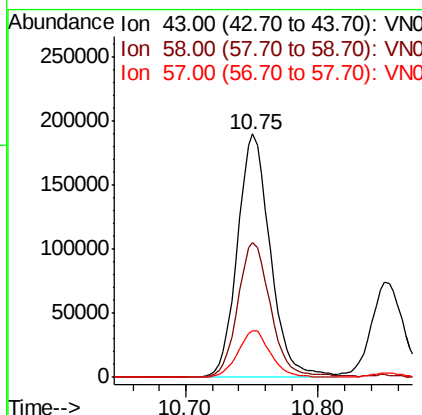
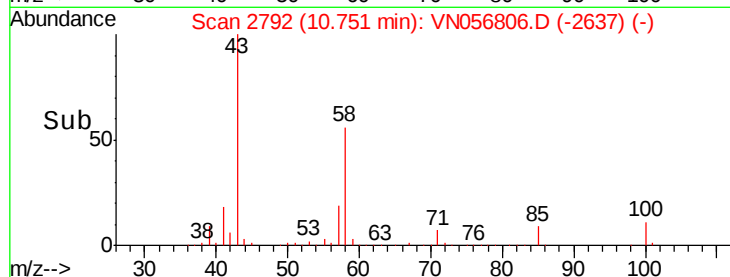
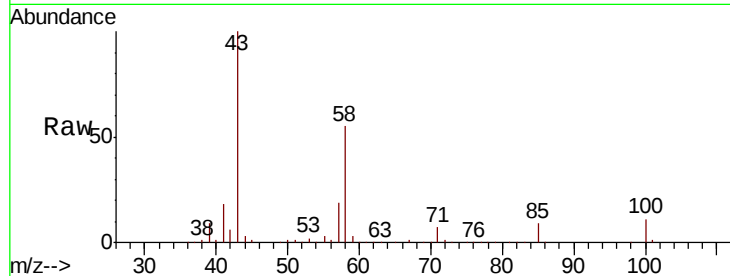




#59
2-Hexanone
Concen: 94.887 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

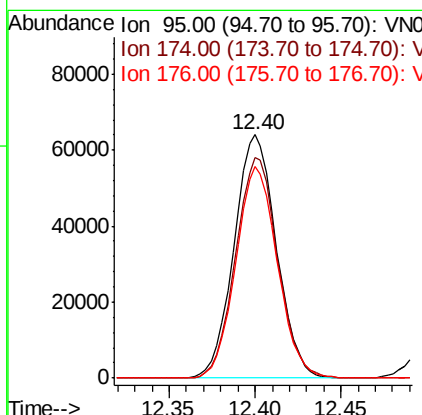
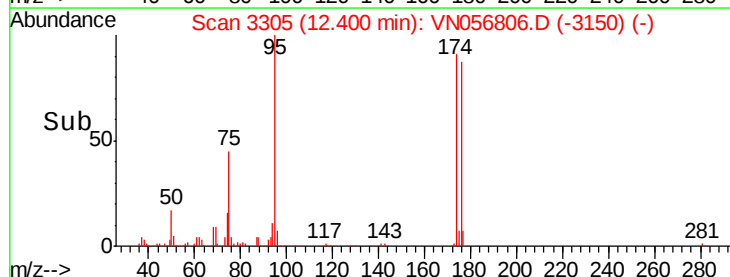
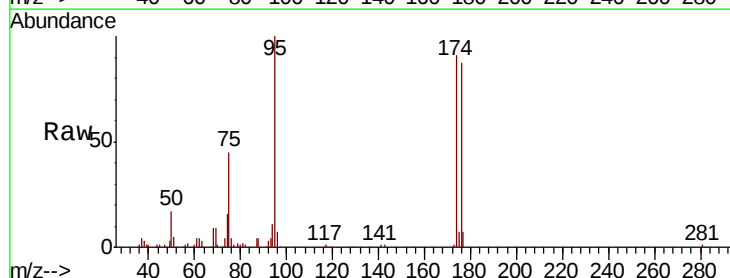
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

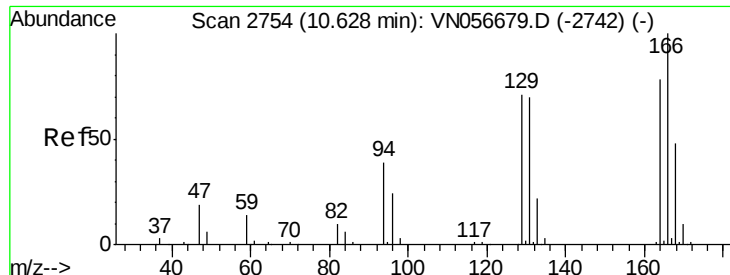
Tot Ion: 43 Resp: 326737
Ion Ratio Lower Upper
43 100
58 56.0 44.4 66.6
57 19.3 15.2 22.8



#60
4-Bromofluorobenzene
Concen: 29.717 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 95 Resp: 109615
Ion Ratio Lower Upper
95 100
174 90.5 72.6 108.8
176 85.4 71.0 106.6

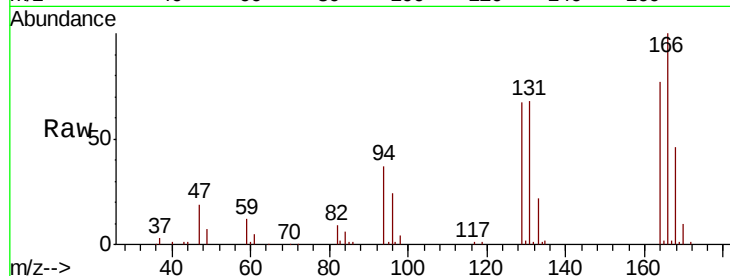




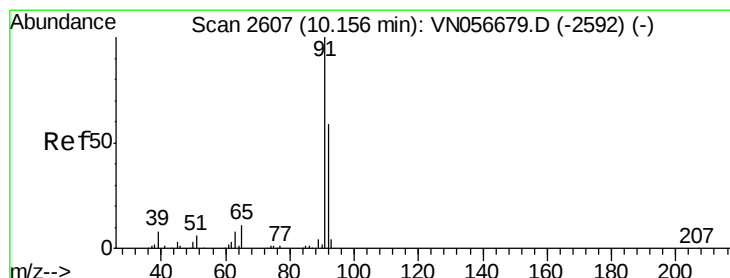
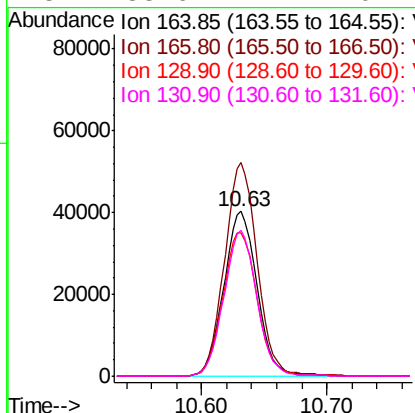
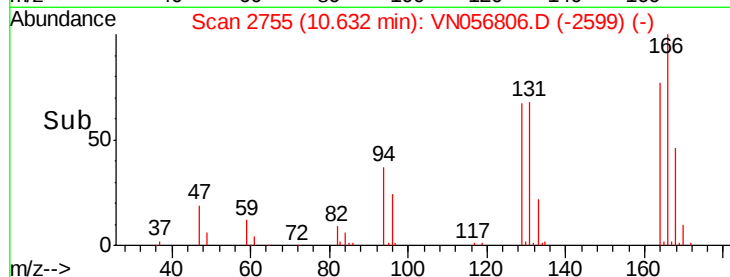
#61
Tetrachloroethene
Concen: 21.461 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

Tot Ion:164 Resp: 74326
Ion Ratio Lower Upper
164 100
166 129.8 102.3 153.5
129 87.0 72.6 108.8
131 88.6 71.4 107.2

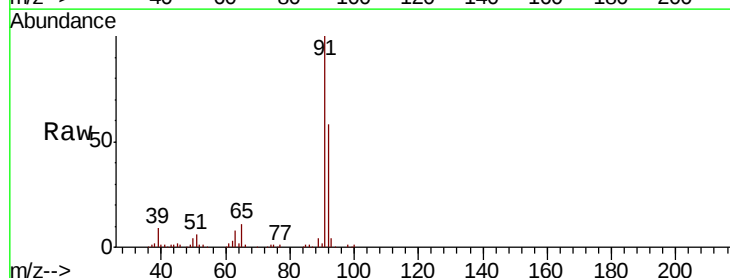


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

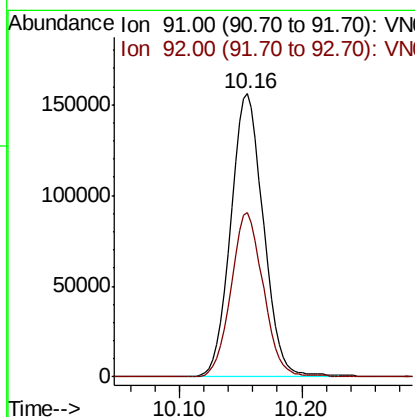
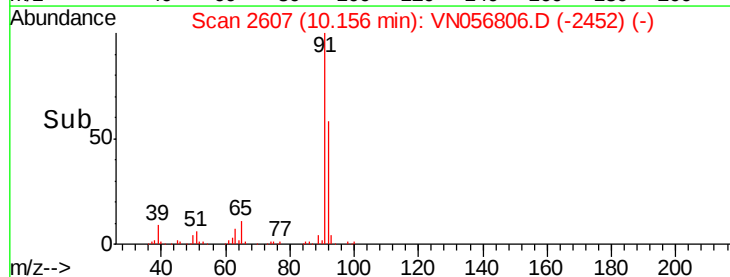


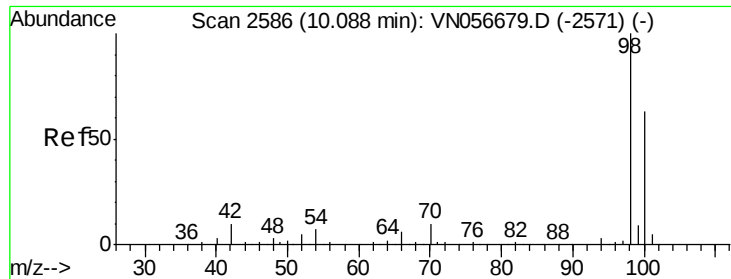
#62
Toluene
Concen: 20.544 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 91 Resp: 290823
Ion Ratio Lower Upper
91 100
92 57.5 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.608 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

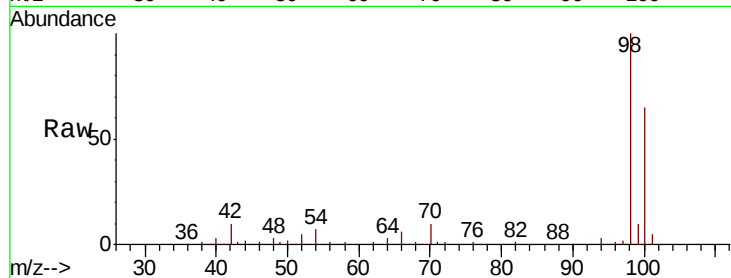
VN0718WBSD01

Tot Ion: 98 Resp: 337065

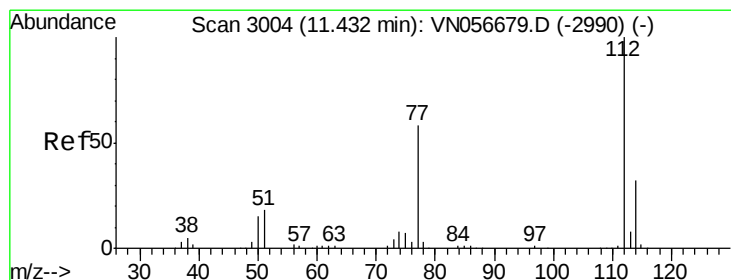
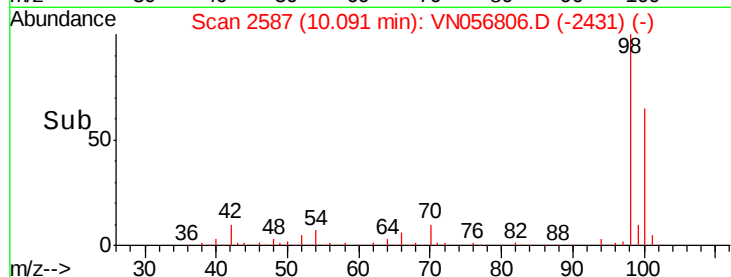
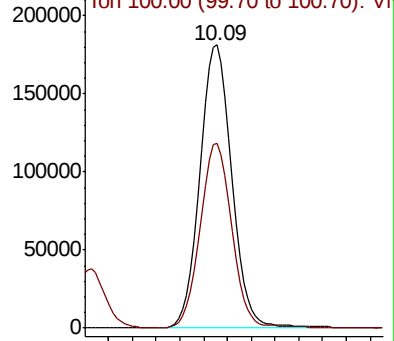
Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN056679.D (-2571) (-)



#64

Chlorobenzene

Concen: 20.230 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056806.D

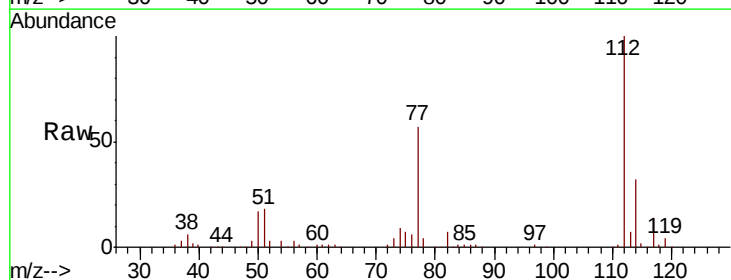
Acq: 18 Jul 2019 11:42

Tgt Ion: 112 Resp: 174669

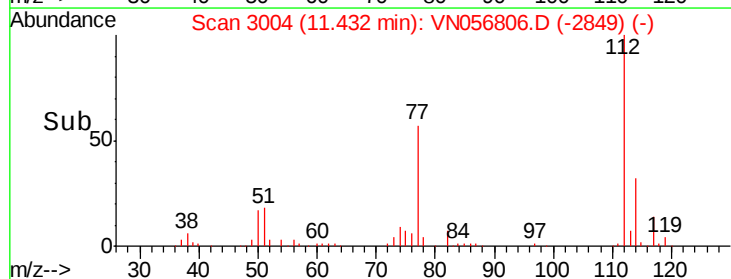
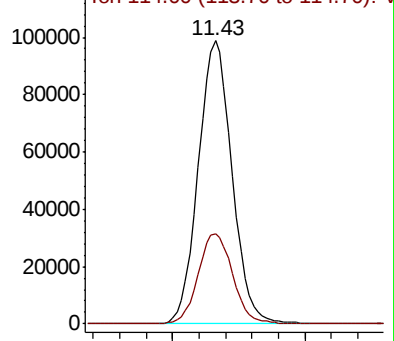
Ion Ratio Lower Upper

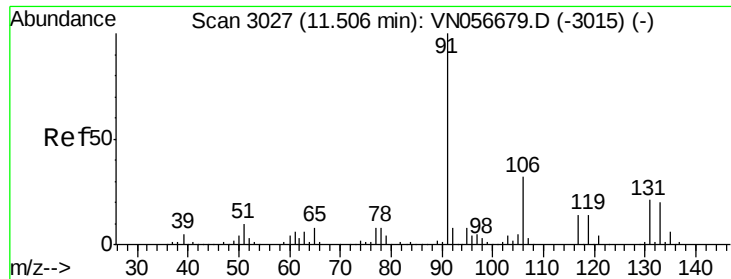
112 100

114 31.7 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): VN056679.D (-2990) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 20.535 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

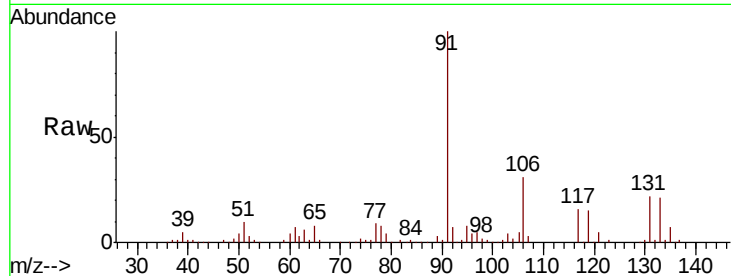
Tot Ion:131 Resp: 65003

Ion Ratio Lower Upper

131 100

133 96.2 0.0 191.4

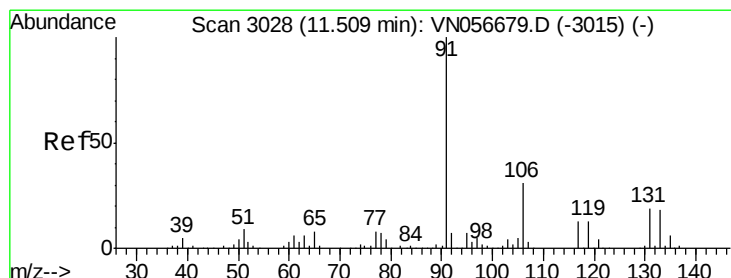
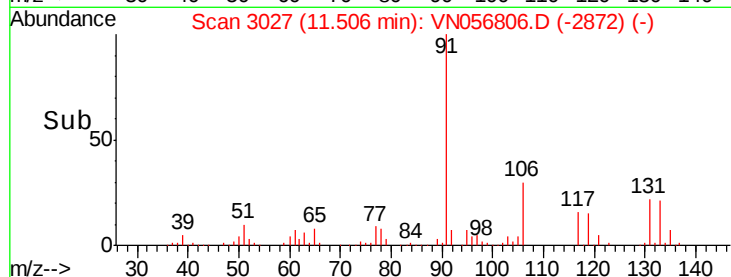
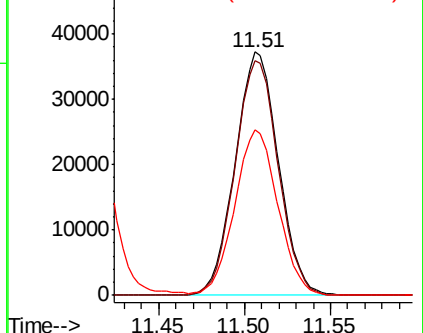
119 67.7 0.0 133.4



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: 20.086 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056806.D

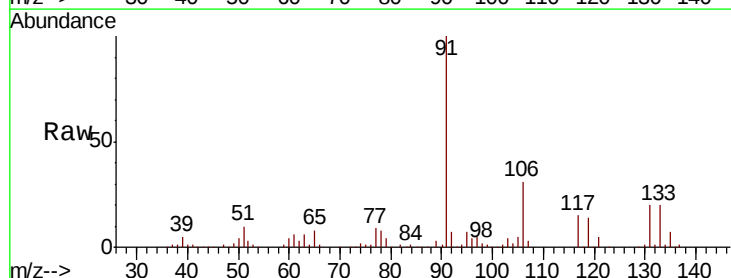
Acq: 18 Jul 2019 11:42

Tgt Ion: 91 Resp: 307350

Ion Ratio Lower Upper

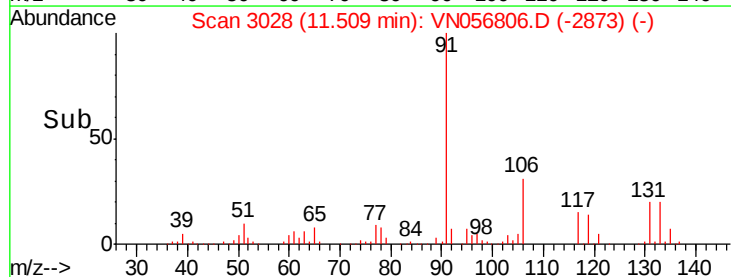
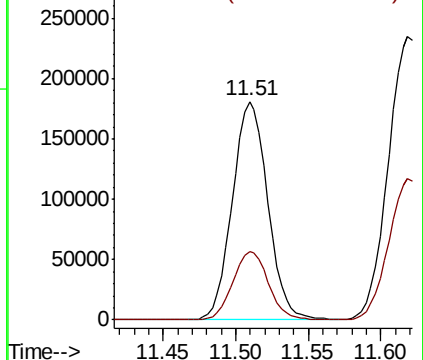
91 100

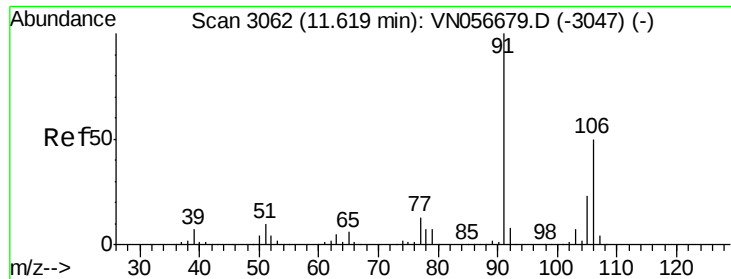
106 31.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

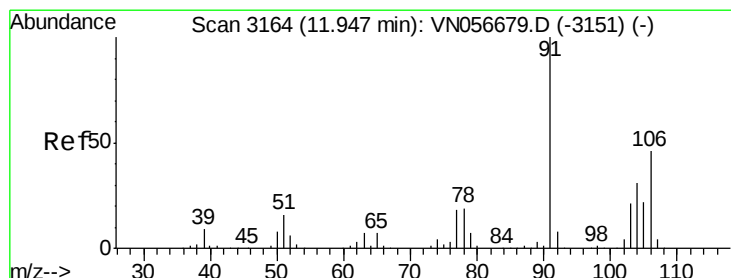
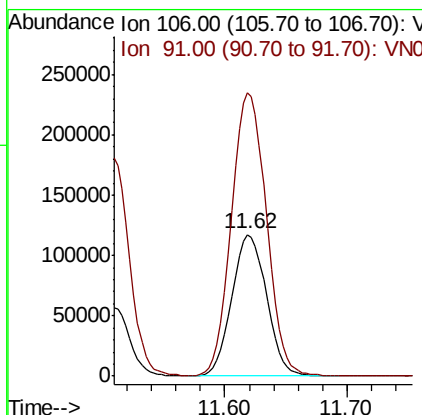
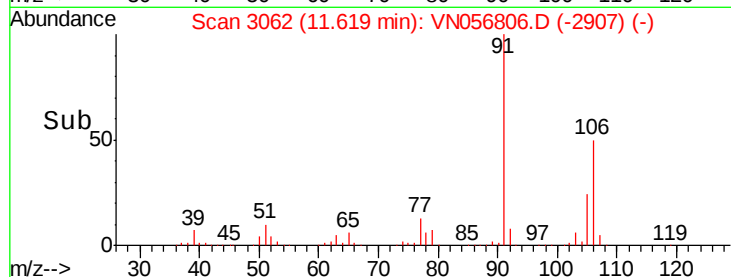
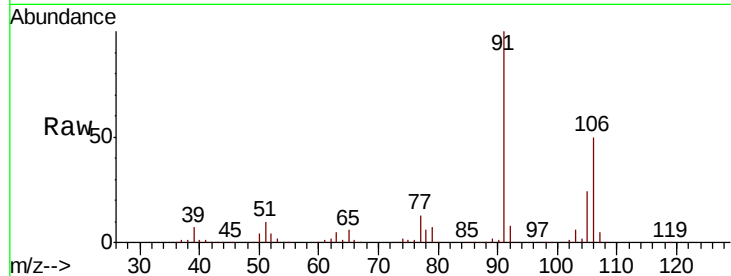




#67
m/p-Xylenes
Concen: 40.246 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

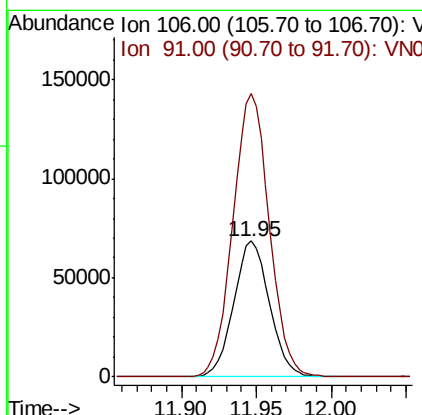
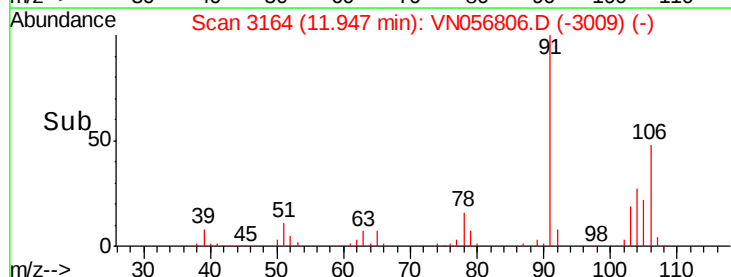
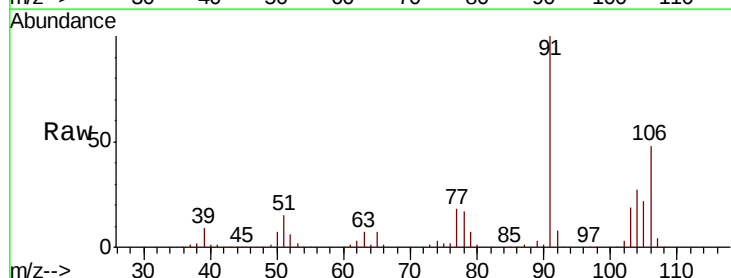
Instrument :
MSVOA_N
ClientSampled :
VN0718WBSD01

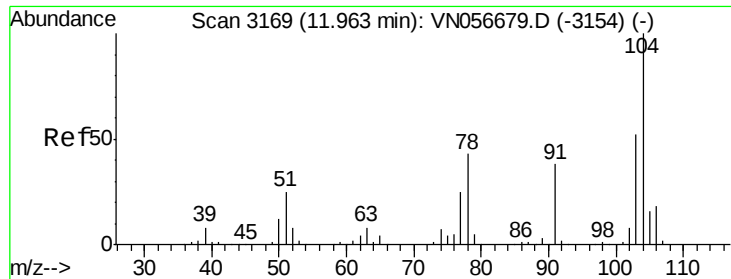
Tot Ion:106 Resp: 232412
Ion Ratio Lower Upper
106 100
91 201.4 161.8 242.8



#68
o-Xylene
Concen: 20.249 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion:106 Resp: 114051
Ion Ratio Lower Upper
106 100
91 212.2 108.1 324.2

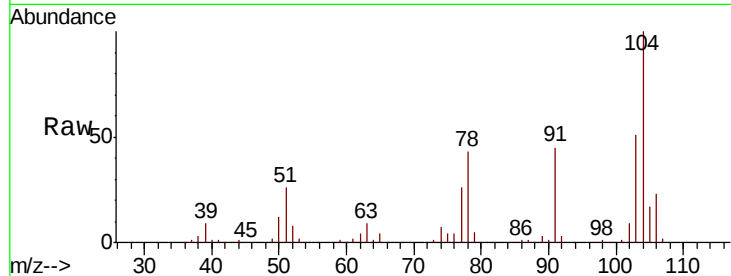




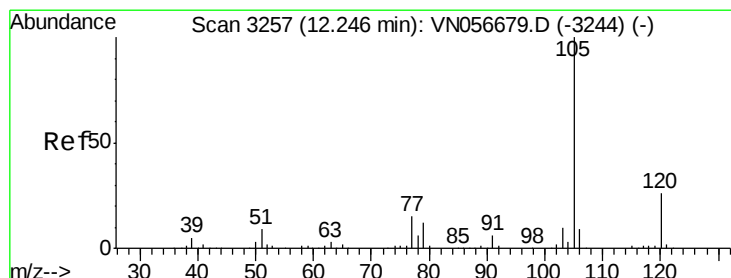
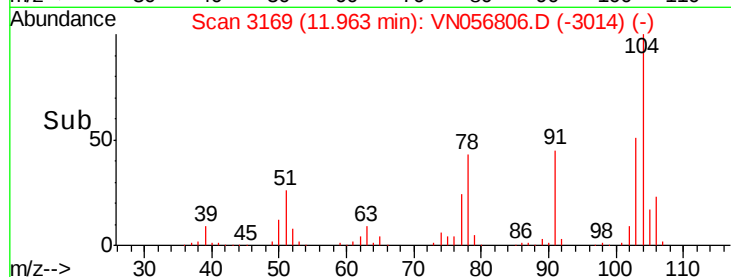
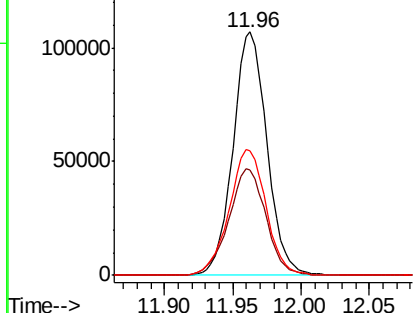
#69
Stvrene
Concen: 19.764 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0718WBSD01

Tot Ion:104 Resp: 184457
Ion Ratio Lower Upper
104 100
78 48.2 38.7 58.1
103 56.3 45.0 67.4

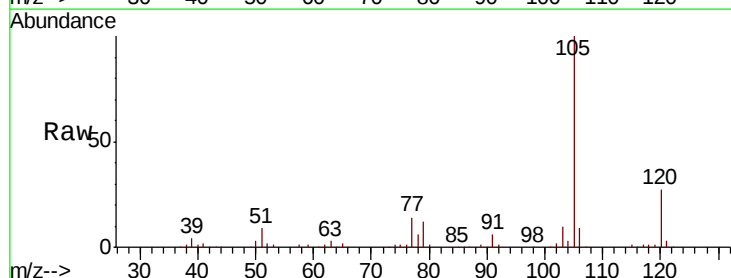


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

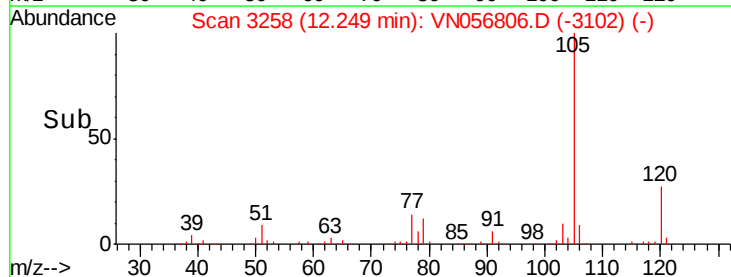
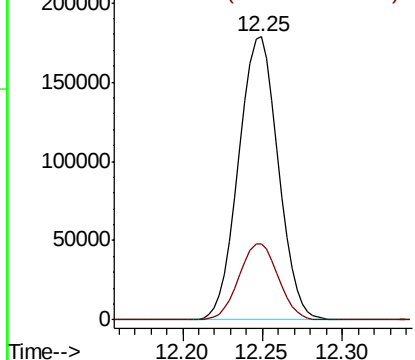


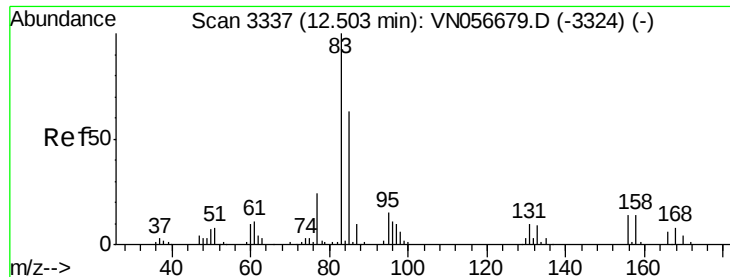
#70
Isopropylbenzene
Concen: 20.410 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion:105 Resp: 301340
Ion Ratio Lower Upper
105 100
120 26.7 18.6 34.5



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

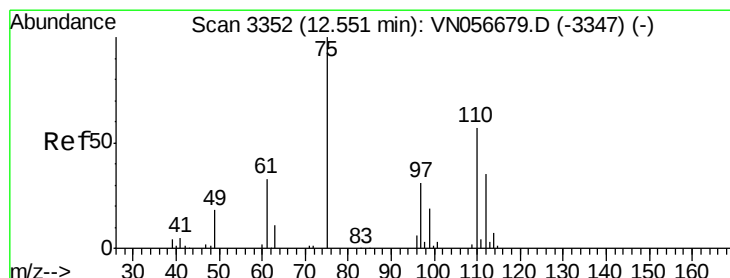
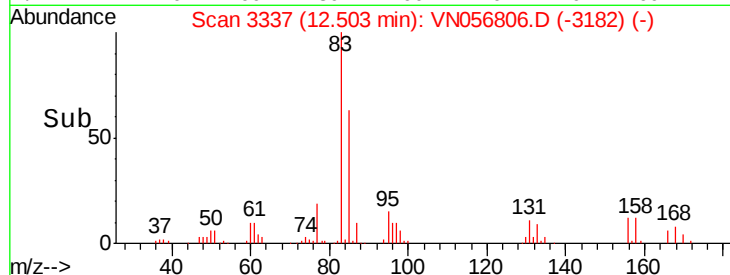
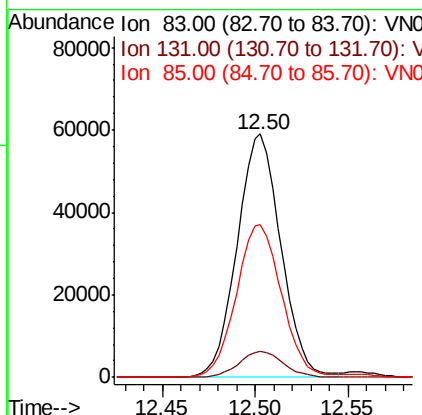
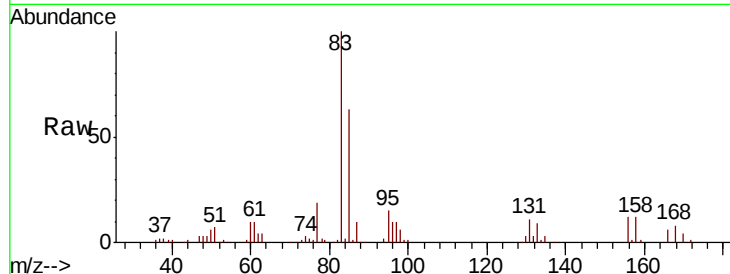




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.272 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

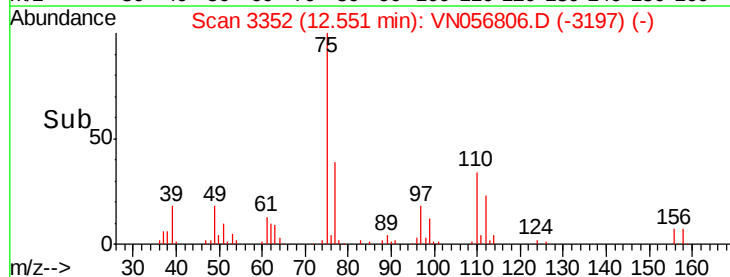
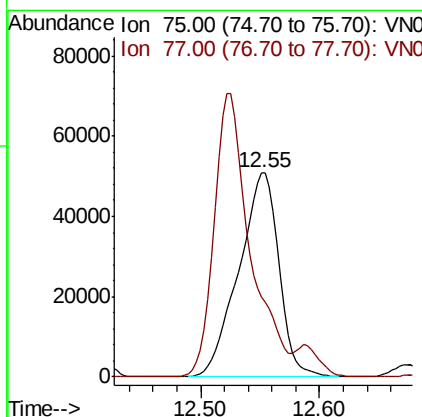
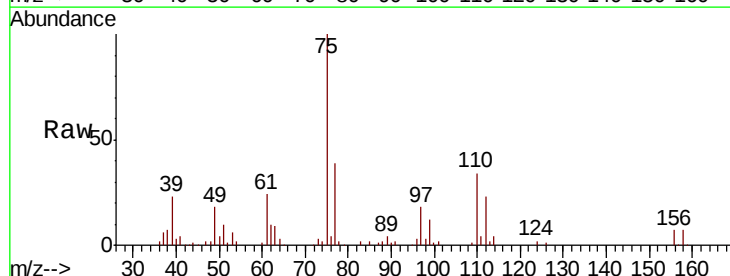
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

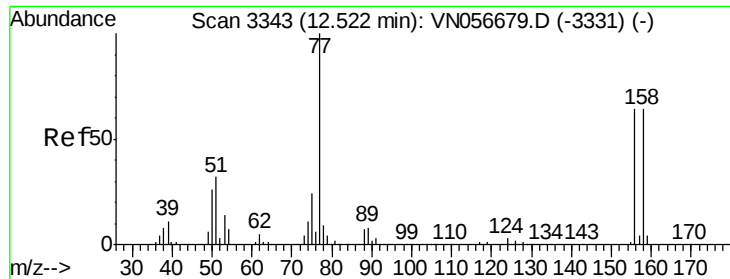
Tot Ion: 83 Resp: 97145
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.3
 85 64.6 31.9 95.7



#72
 1,2,3-Trichloropropane
 Concen: 28.958 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 75 Resp: 118602
 Ion Ratio Lower Upper
 75 100
 77 125.2 0.0 352.2





#73

Bromobenzene

Concen: 20.348 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

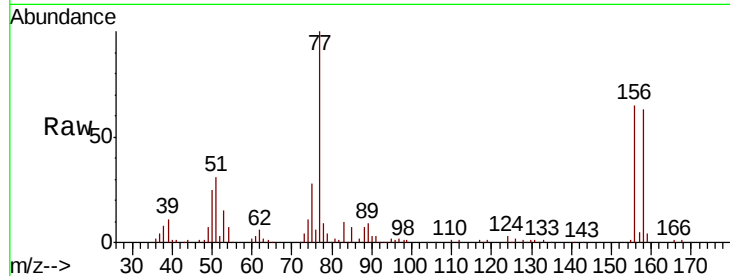
Tot Ion:156 Resp: 78506

Ion Ratio Lower Upper

156 100

77 189.2 0.0 381.8

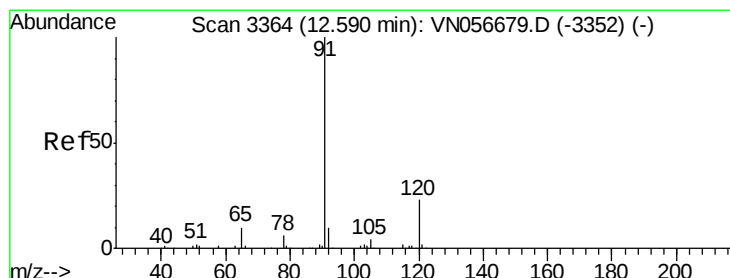
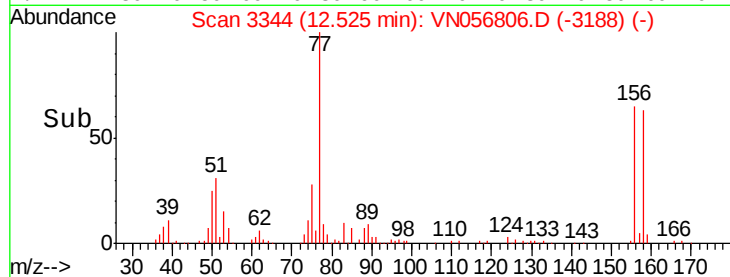
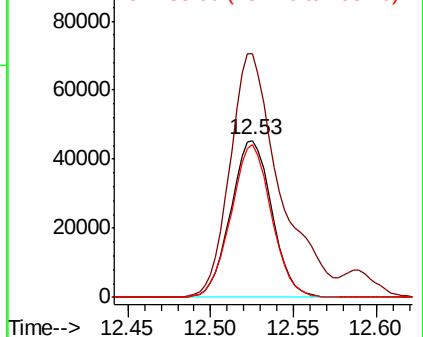
158 95.7 0.0 195.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.628 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056806.D

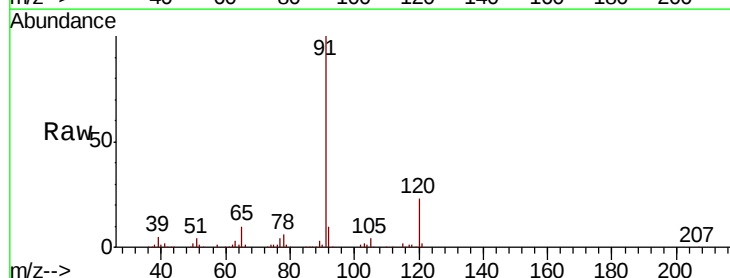
Acq: 18 Jul 2019 11:42

Tgt Ion: 91 Resp: 326947

Ion Ratio Lower Upper

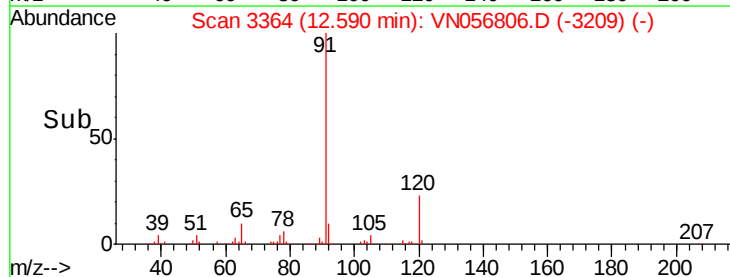
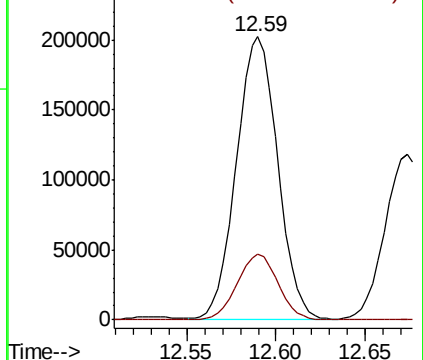
91 100

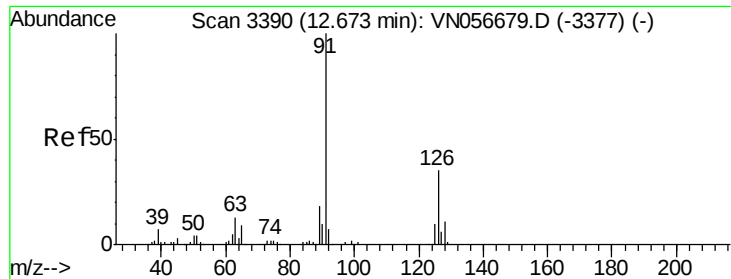
120 23.0 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.868 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

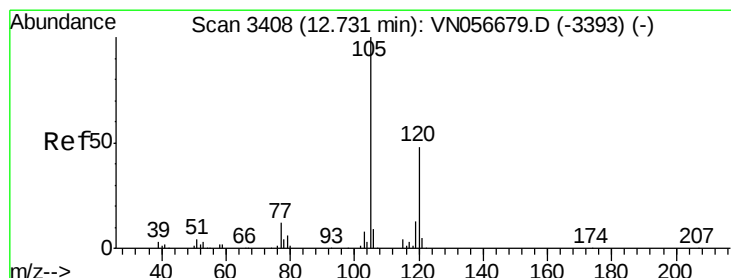
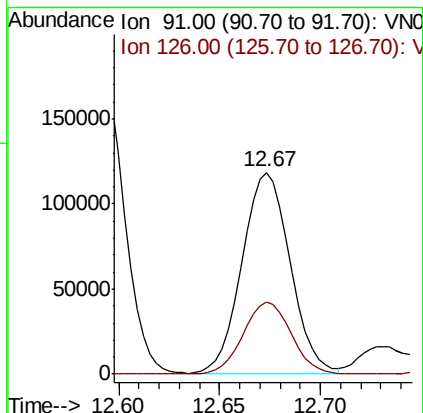
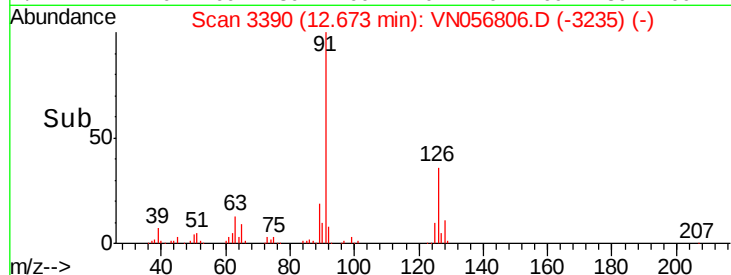
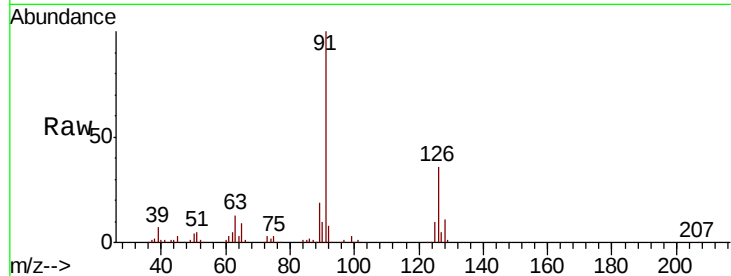
VN0718WBSD01

Tot Ion: 91 Resp: 199313

Ion Ratio Lower Upper

91 100

126 35.7 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 20.197 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056806.D

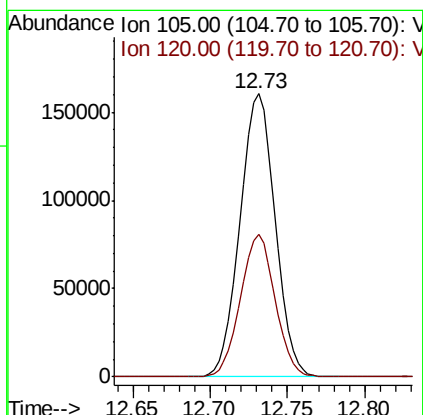
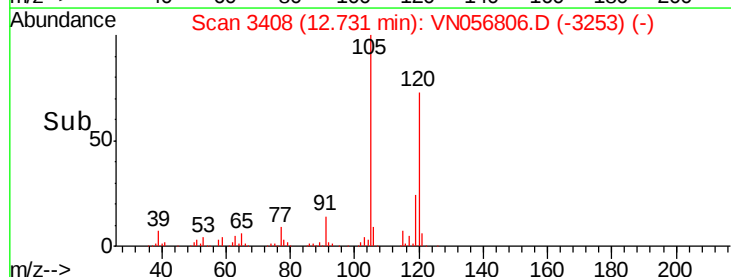
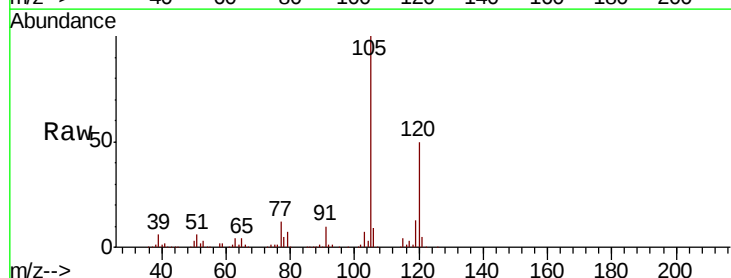
Acq: 18 Jul 2019 11:42

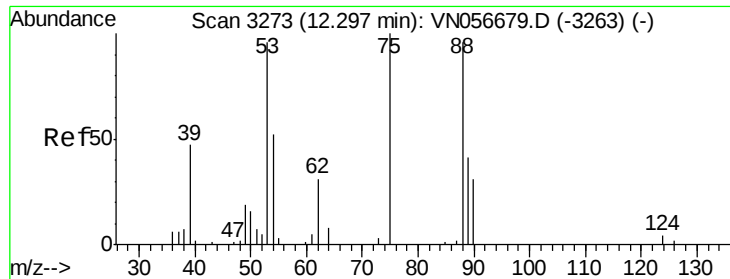
Tgt Ion: 105 Resp: 254342

Ion Ratio Lower Upper

105 100

120 49.5 0.0 97.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.226 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

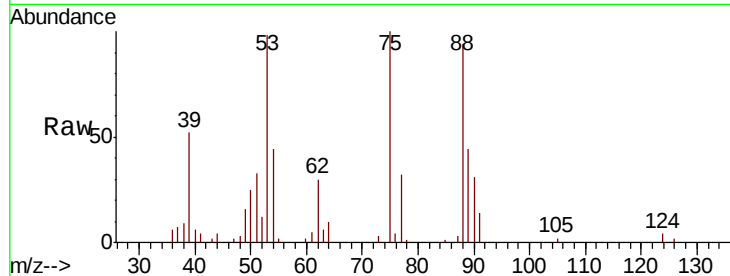
Tot Ion: 75 Resp: 24814

Ion Ratio Lower Upper

75 100

53 97.7 48.6 145.8

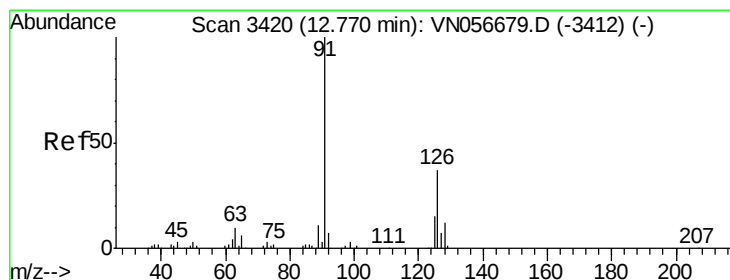
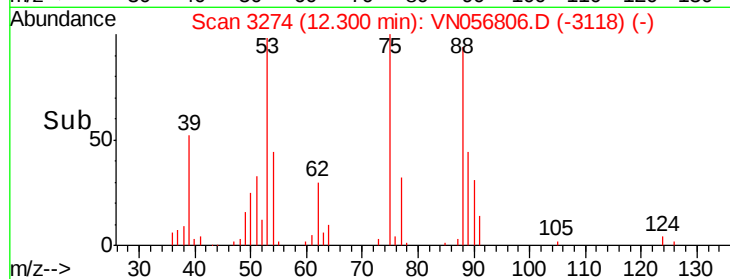
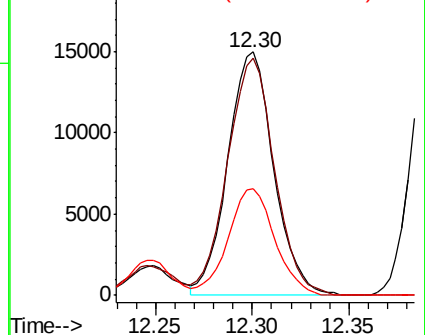
89 43.6 21.3 64.0



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: 19.477 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056806.D

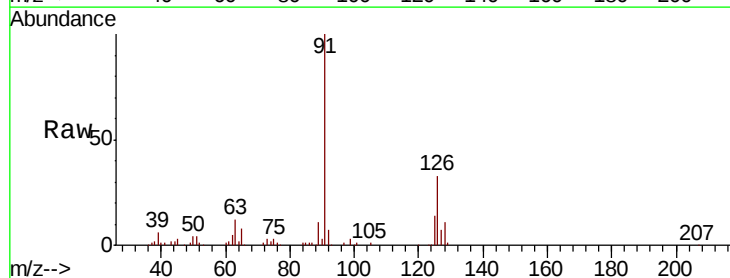
Acq: 18 Jul 2019 11:42

Tgt Ion: 91 Resp: 189476

Ion Ratio Lower Upper

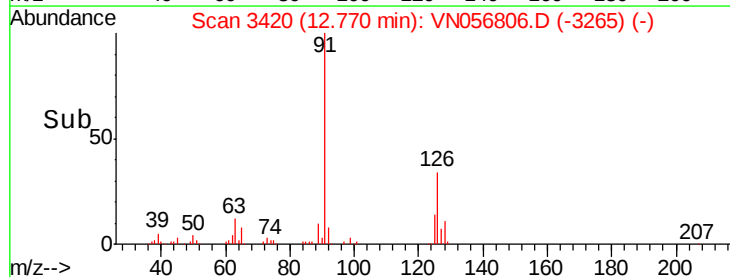
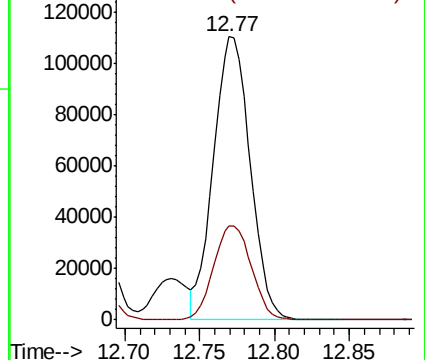
91 100

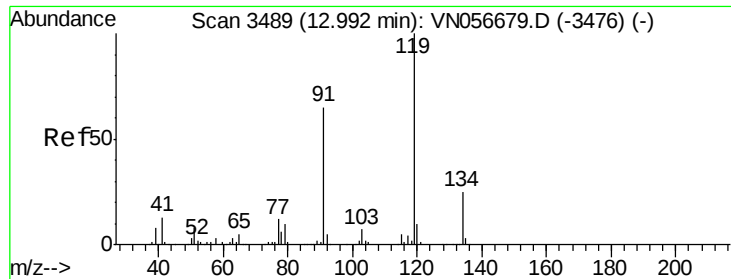
126 34.2 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

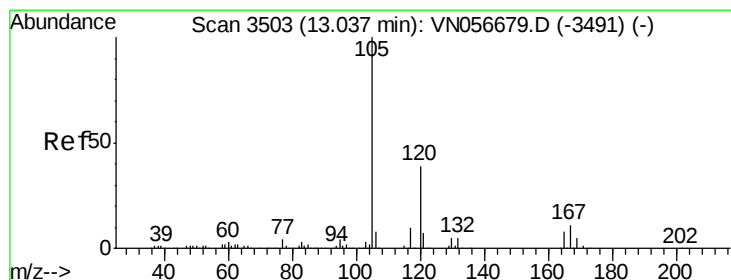
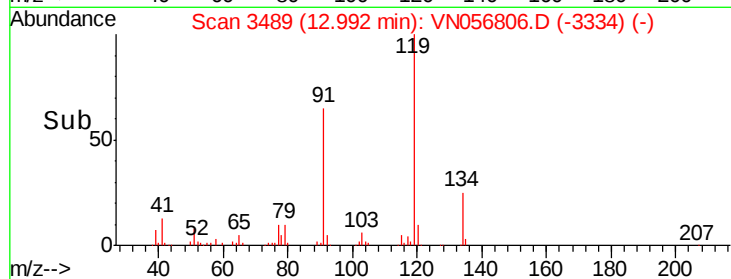
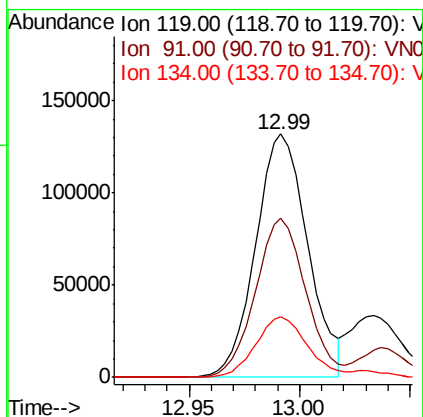
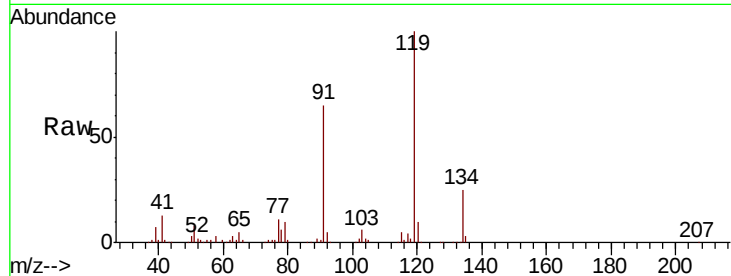




#79
tert-butylbenzene
Concen: 20.196 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

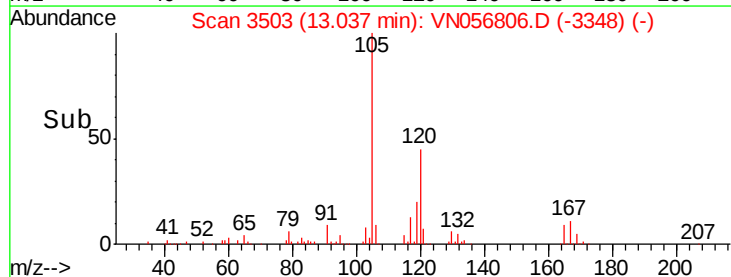
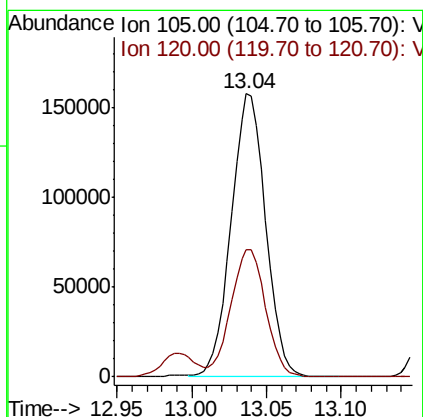
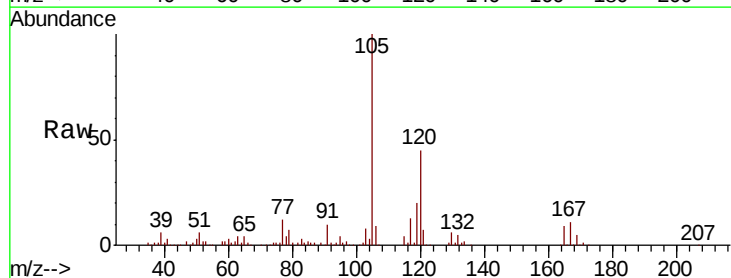
Instrument :
MSVOA_N
ClientSampled :
VN0718WBSD01

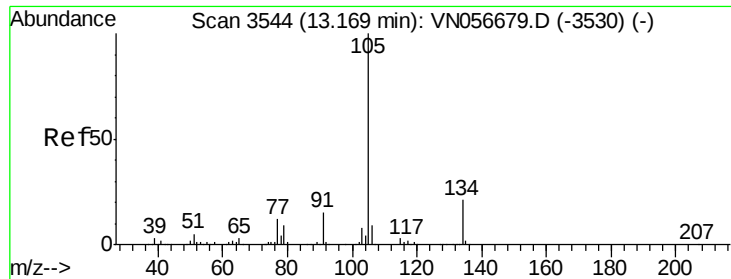
Tot Ion:119 Resp: 216352
Ion Ratio Lower Upper
119 100
91 63.4 0.0 125.4
134 24.4 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 20.311 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion:105 Resp: 253661
Ion Ratio Lower Upper
105 100
120 45.7 0.0 91.2

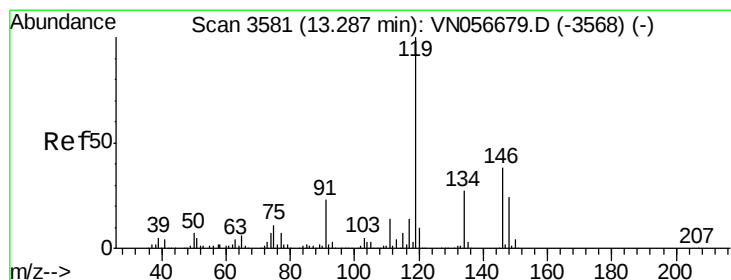
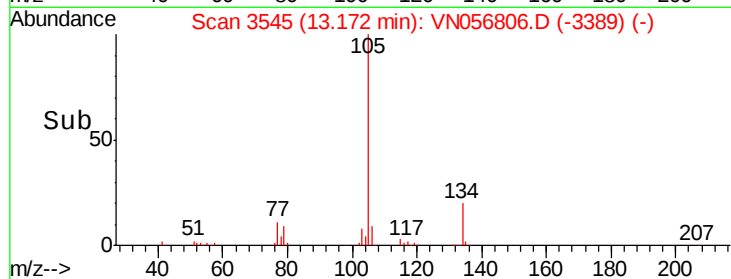
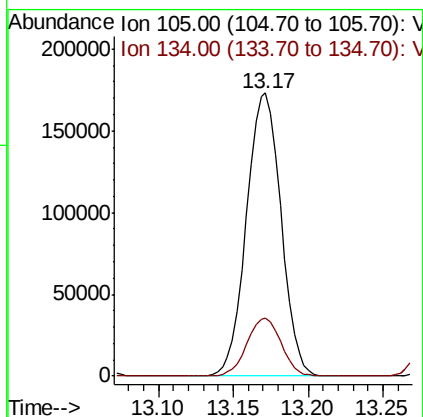
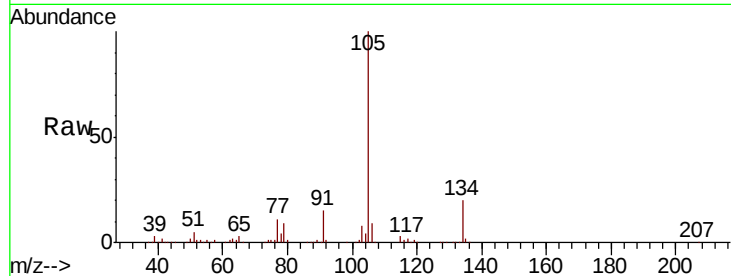




#81
 sec-Butylbenzene
 Concen: 19.651 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

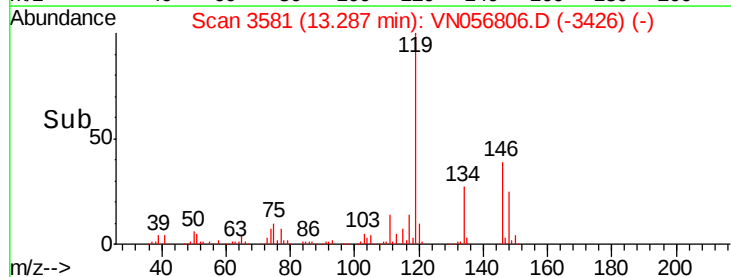
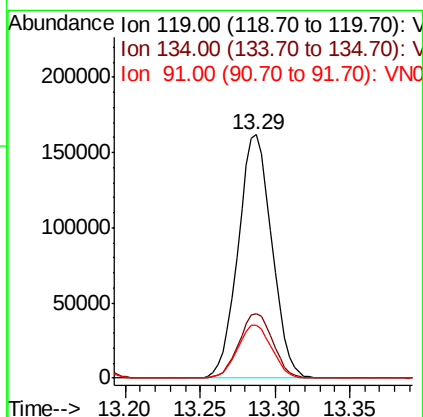
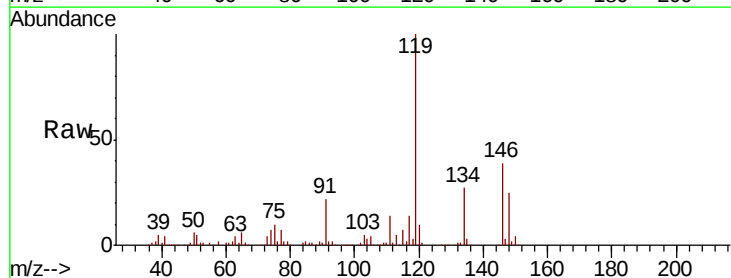
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

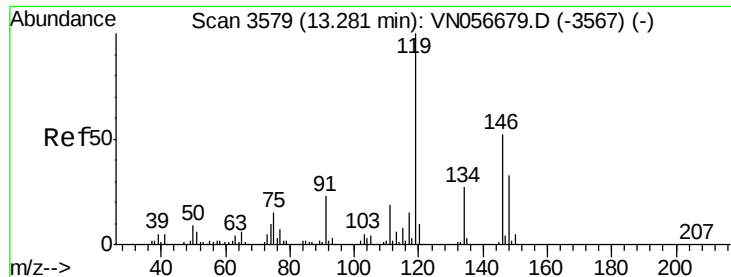
Tot Ion:105 Resp: 278655
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 19.703 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion:119 Resp: 254085
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.8
 91 22.1 0.0 45.4

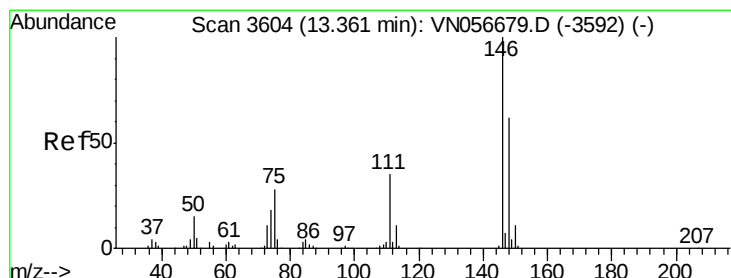
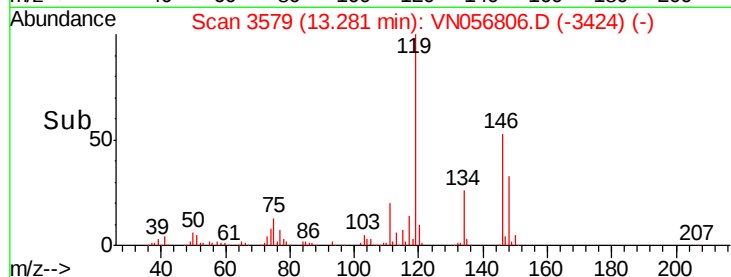
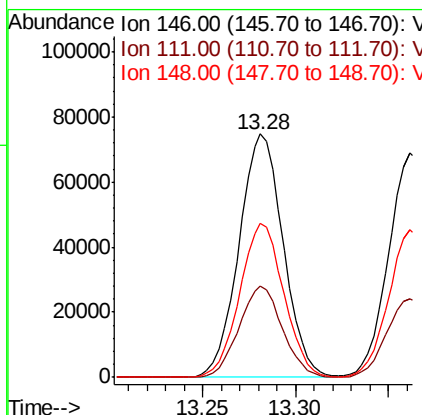
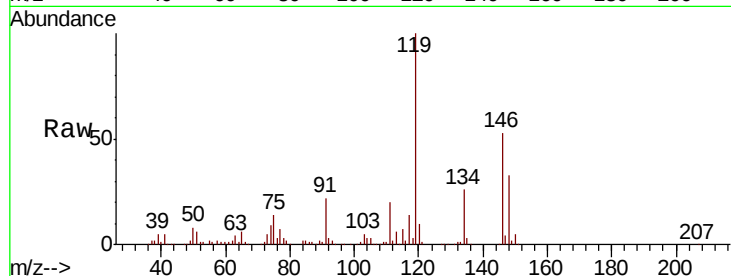




#83
 1,3-Dichlorobenzene
 Concen: 19.287 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

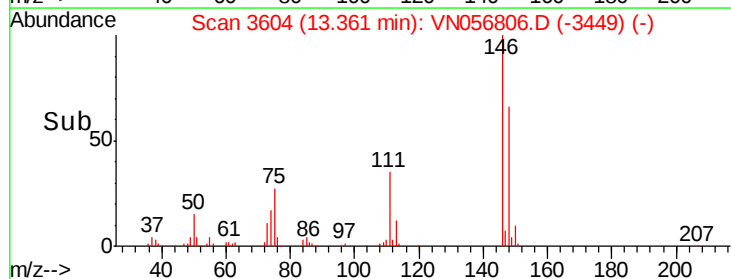
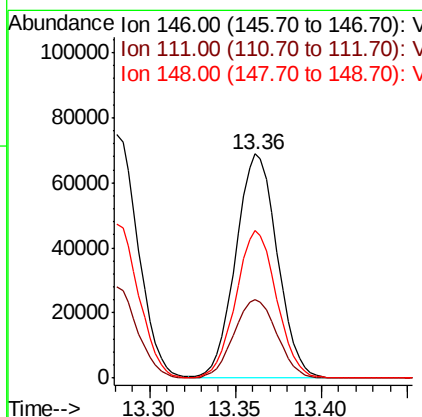
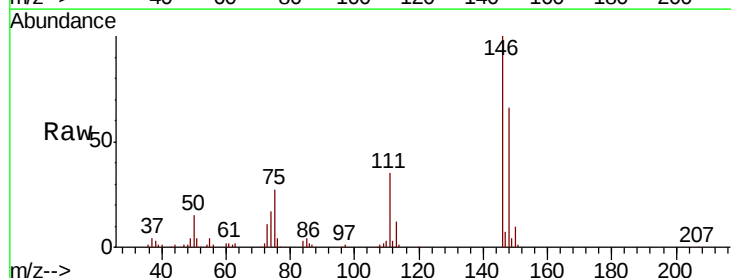
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

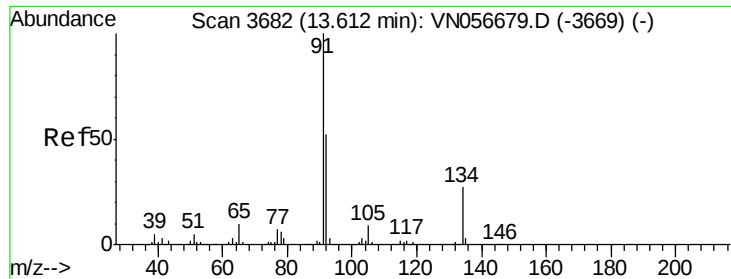
Tot Ion:146 Resp: 124020
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.7 56.1
 148 63.2 31.8 95.4



#84
 1,4-Dichlorobenzene
 Concen: 18.766 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion:146 Resp: 115671
 Ion Ratio Lower Upper
 146 100
 111 36.1 17.8 53.4
 148 64.6 31.9 95.5

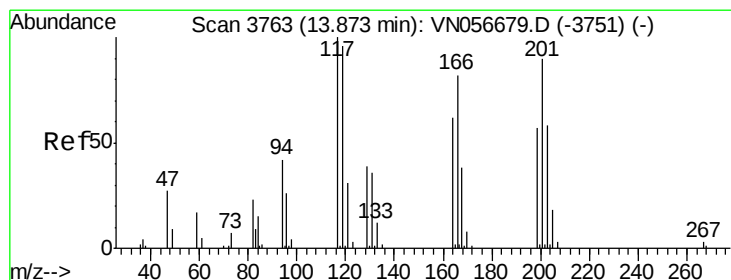
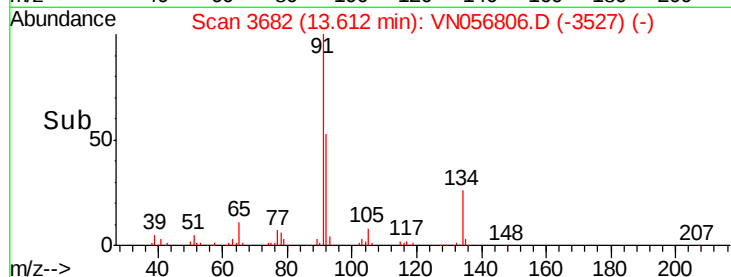
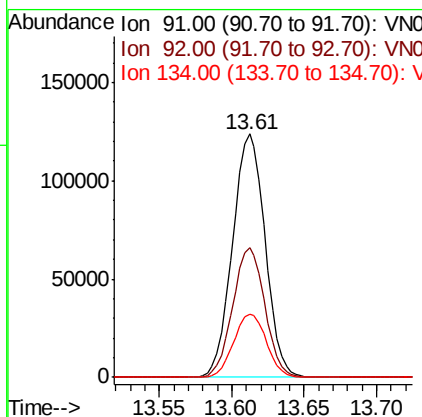
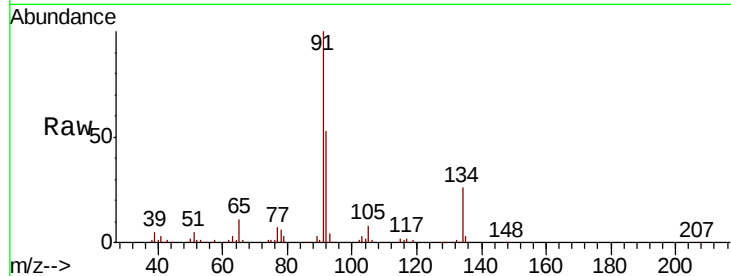




#85
n-Butylbenzene
Concen: 18.143 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

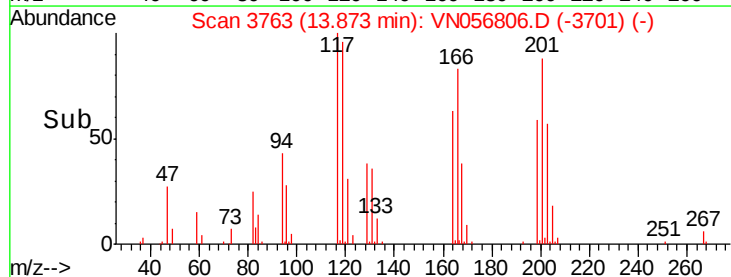
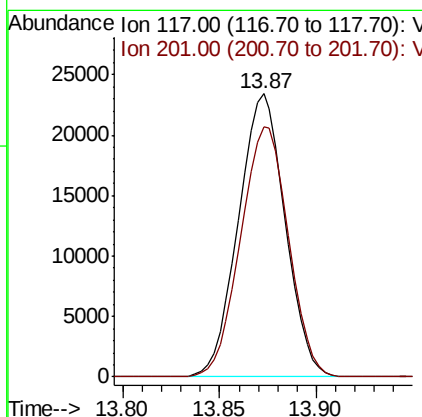
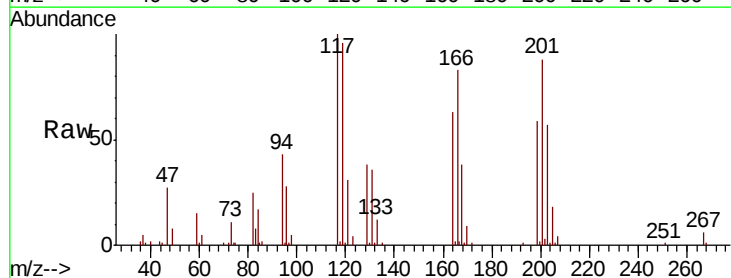
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBSD01

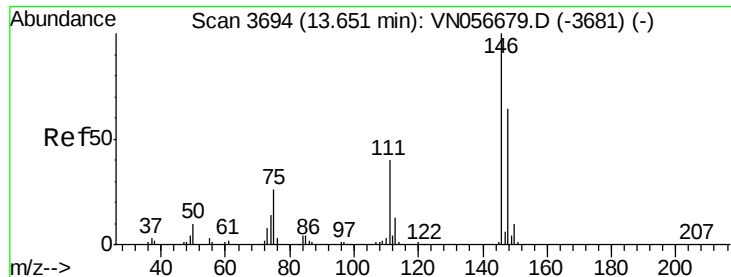
Tot Ion: 91 Resp: 192988
Ion Ratio Lower Upper
91 100
92 52.3 0.0 104.0
134 26.1 0.0 53.2



#86
Hexachloroethane
Concen: 19.457 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056806.D
Acq: 18 Jul 2019 11:42

Tgt Ion: 117 Resp: 39369
Ion Ratio Lower Upper
117 100
201 90.4 45.6 136.7

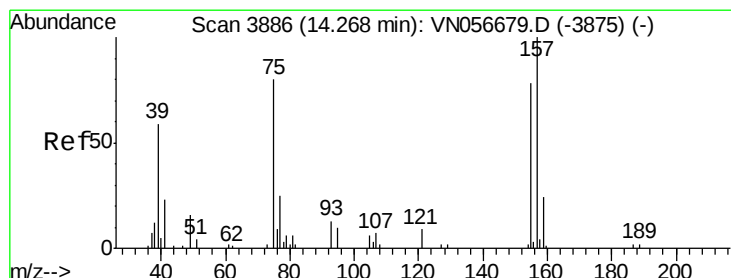
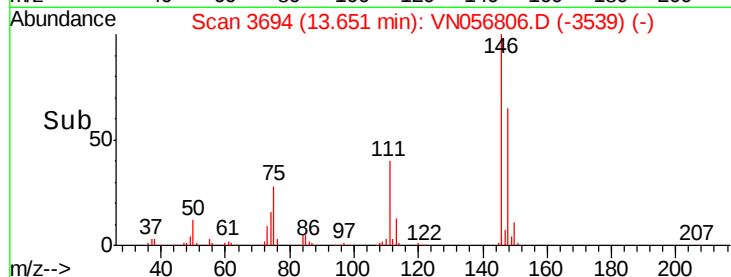
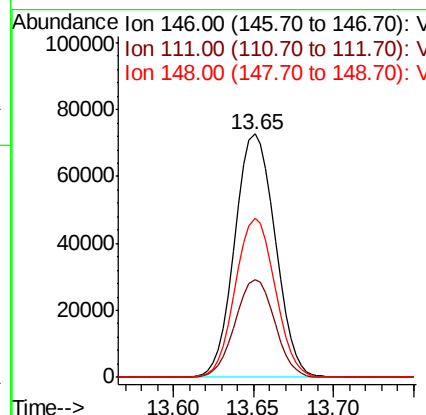
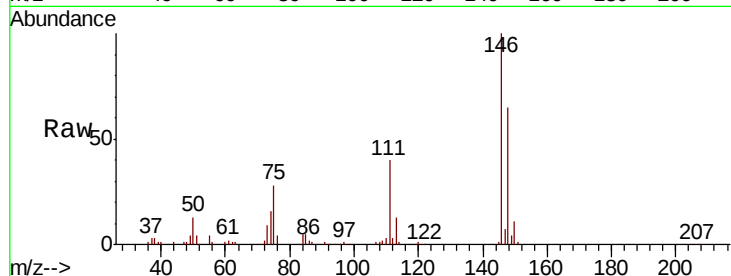




#87
 1,2-Dichlorobenzene
 Concen: 19.445 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

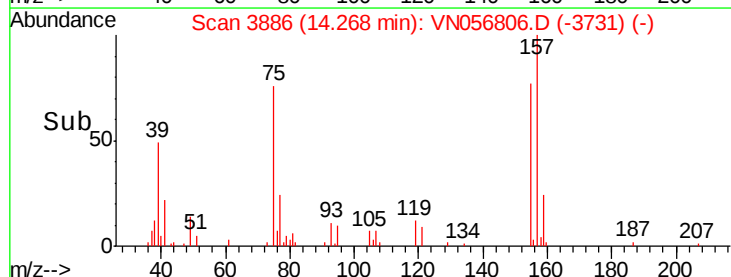
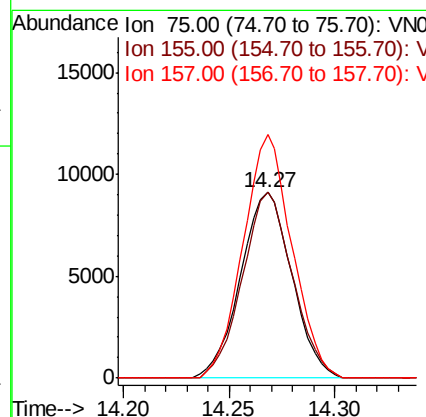
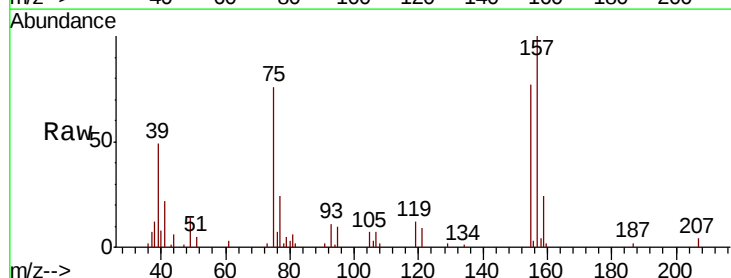
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

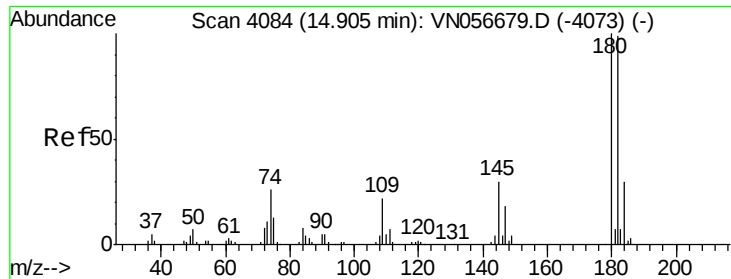
Tot Ion:146 Resp: 125658
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.0
 148 64.2 32.7 98.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.655 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion: 75 Resp: 15423
 Ion Ratio Lower Upper
 75 100
 155 97.7 78.6 117.8
 157 124.8 99.3 148.9

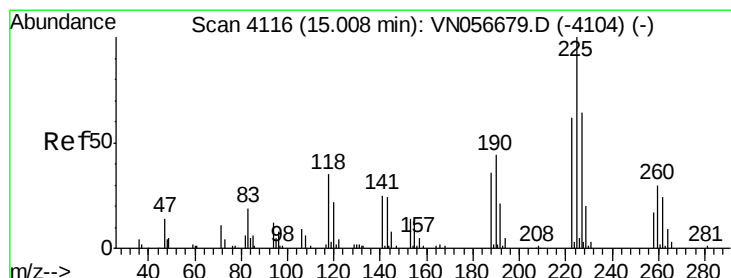
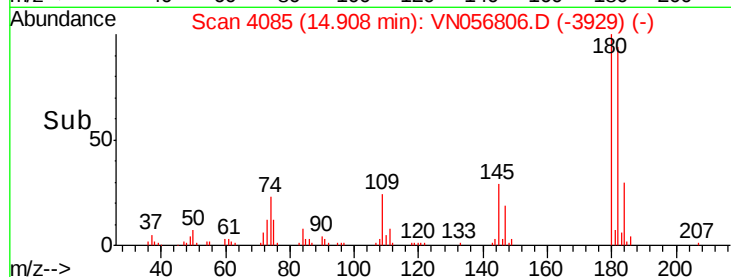
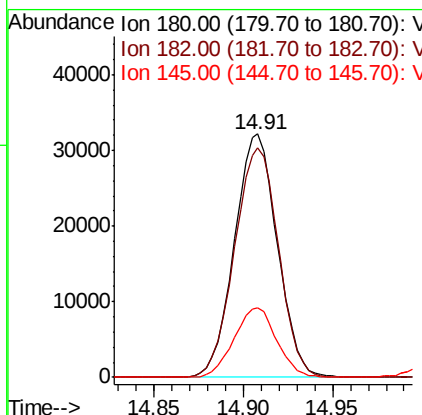
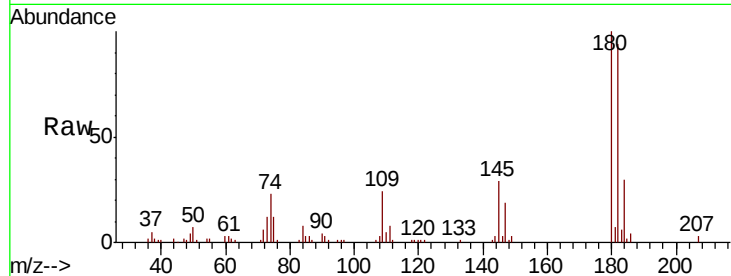




#89
 1,2,4-Trichlorobenzene
 Concen: 15.536 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

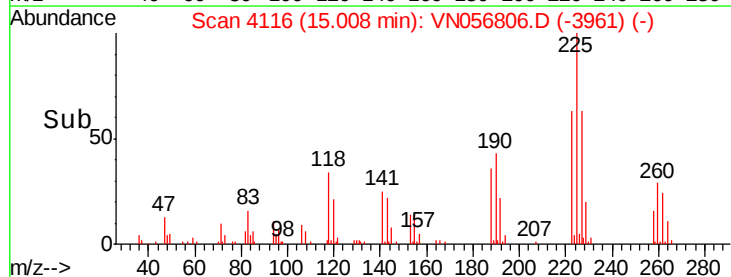
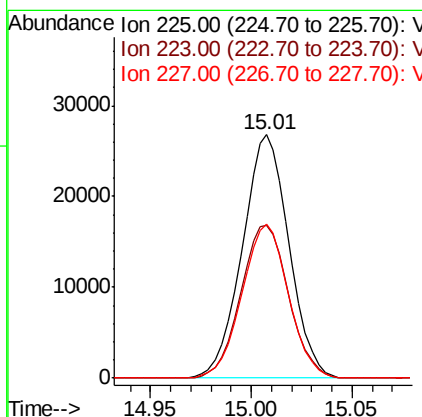
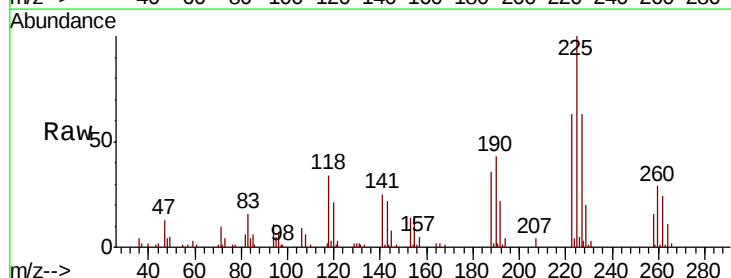
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

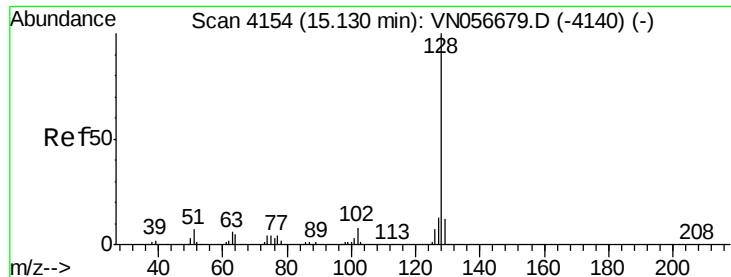
Tot Ion:180 Resp: 54000
 Ion Ratio Lower Upper
 180 100
 182 96.4 78.2 117.4
 145 28.4 23.2 34.8



#90
 Hexachlorobutadiene
 Concen: 19.176 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056806.D
 Acq: 18 Jul 2019 11:42

Tgt Ion:225 Resp: 43337
 Ion Ratio Lower Upper
 225 100
 223 64.4 0.0 124.6
 227 62.9 0.0 128.6





#91

Naphthalene

Concen: 14.471 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBSD01

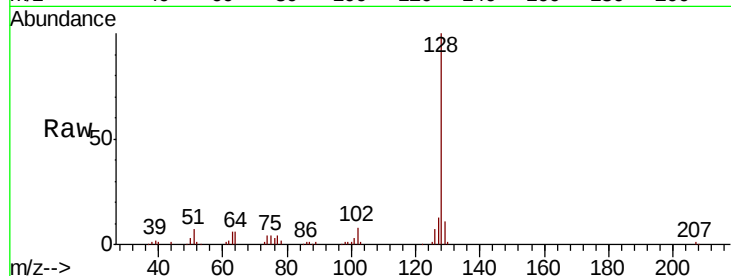
Tot Ion:128 Resp: 135287

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

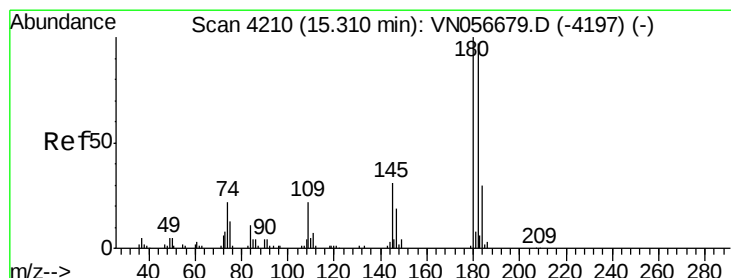
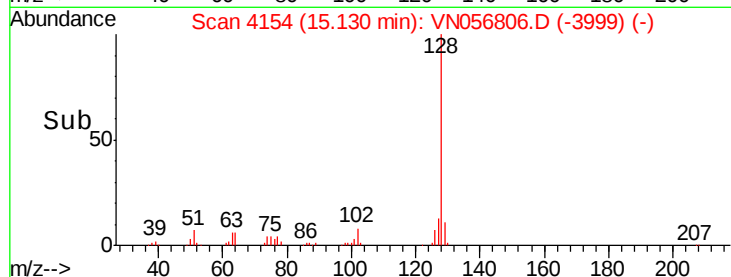
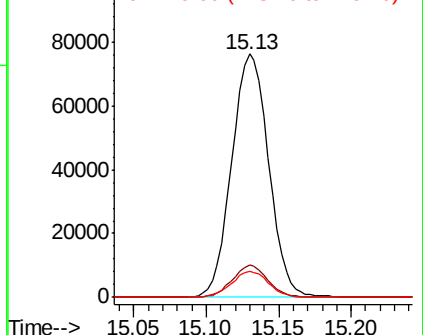
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.282 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056806.D

Acq: 18 Jul 2019 11:42

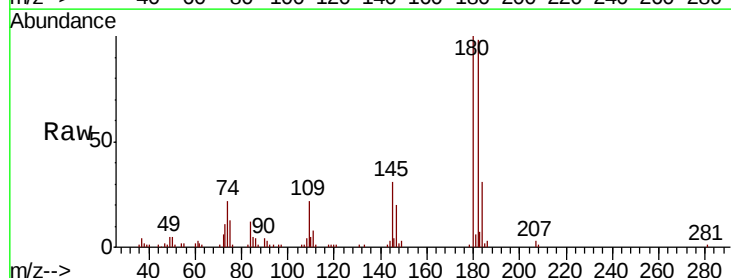
Tgt Ion:180 Resp: 59342

Ion Ratio Lower Upper

180 100

182 96.0 0.0 192.4

145 30.6 0.0 60.4



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

