

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070319\
 Data File : VN056579.D
 Acq On : 3 Jul 2019 10:42
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 03 11:03:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 10:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	48528	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	277988	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	252027	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	100713	33.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	111.40%
60) 4-Bromofluorobenzene	12.40	95	119356	31.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	106.50%
63) Toluene-d8	10.09	98	341061	29.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.43%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	378044	138.506	ug/l	99
3) Chloromethane	2.06	50	542489	170.112	ug/l	98
4) Vinyl Chloride	2.18	62	509492	156.698	ug/l	99
5) Bromomethane	2.52	94	235758	115.376	ug/l	98
6) Chloroethane	2.67	64	248834	135.303	ug/l	96
7) Trichlorofluoromethane	3.00	101	647848	161.040	ug/l	98
8) Diethyl Ether	3.41	74	280877	164.624	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	404928	163.063	ug/l	96
10) 1,1-Dichloroethene	3.73	96	412021	162.651	ug/l	95
11) Methyl Iodide	3.95	142	641999	160.635	ug/l	99
12) Methyl Acetate	4.32	43	518988	170.496	ug/l	97
13) Acrolein	3.60	56	262419	1768.702	ug/l	98
14) Acrylonitrile	4.99	53	1239775	913.289	ug/l	99
15) Acetone	3.82	58	324519	730.109	ug/l	93
16) Carbon Disulfide	4.05	76	1080069	179.196	ug/l	100
17) Allyl chloride	4.32	41	747534	190.461	ug/l	98
18) Methylene Chloride	4.54	84	473454	161.445	ug/l	92
19) trans-1,2-Dichloroethene	5.04	96	443734	164.106	ug/l	91
20) Diisopropyl ether	5.95	45	1467903	180.514	ug/l	96
21) 1,1-Dichloroethane	5.85	63	830177	175.669	ug/l	98
22) cis-1,2-Dichloroethene	6.83	96	521263	165.167	ug/l	94
23) tert-Butyl Alcohol	4.80	59	447835	847.553	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	1364186	168.982	ug/l	99
25) Chloroform	7.37	83	802039	169.961	ug/l	98
26) Cyclohexane	7.65	56	777790	177.402	ug/l	# 96
29) 1,1-Dichloropropene	7.79	75	629742	167.473	ug/l	98
30) 2-Butanone	6.84	43	1689833	853.629	ug/l	98
31) 2,2-Dichloropropane	6.82	77	610444	174.508	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	667122	160.578	ug/l	98
33) Carbon Tetrachloride	7.77	117	583888	165.886	ug/l	99
34) Benzene	8.04	78	1905844	159.071	ug/l	# 91
35) Methacrylonitrile	7.18	41	313045	187.269	ug/l	95
36) 1,2-Dichloroethane	8.12	62	613074	163.364	ug/l	97
37) Trichloroethene	8.83	130	506393	151.045	ug/l	93
38) Methylcyclohexane	9.08	83	794542	166.673	ug/l	99
39) 1,2-Dichloropropane	9.12	63	517243	168.565	ug/l	95
40) Dibromomethane	9.21	93	321637	158.088	ug/l	94

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	626234	171.894	ug/l	99
42) Vinyl Acetate	5.90	43	6285762	890.647	ug/l	98
43) Ethyl Acetate	6.93	43	659809	174.156	ug/l	99
44) Isopropyl Acetate	8.17	43	1066048	181.226	ug/l #	86
45) 1,4-Dioxane	9.20	88	207139	3291.762	ug/l	94
46) Methyl methacrylate	9.20	41	519097	177.634	ug/l	96
47) n-amyl Acetate	12.07	43	934663	192.132	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	711550	185.589	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	790151	176.000	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	471905	156.161	ug/l	96
51) Ethyl methacrylate	10.43	69	780191	170.653	ug/l	96
52) 1,3-Dichloropropane	10.71	76	802189	163.742	ug/l	99
53) Dibromochloromethane	10.90	129	503440	170.187	ug/l	98
54) 1,2-Dibromoethane	11.00	107	504905	160.115	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	2000775	1249.419	ug/l	98
56) Bromoform	12.13	173	383986	179.430	ug/l #	99
58) 4-Methyl-2-Pentanone	9.99	43	3301631	865.135	ug/l	97
59) 2-Hexanone	10.75	43	2486344	911.516	ug/l	99
61) Tetrachloroethene	10.63	164	453232	129.033	ug/l	99
62) Toluene	10.16	91	2050219	150.691	ug/l	100
64) Chlorobenzene	11.43	112	1258523	152.501	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	466688	156.828	ug/l	99
66) Ethyl Benzene	11.51	91	2298306	158.601	ug/l	97
67) m/p-Xylenes	11.62	106	1707137	307.779	ug/l	94
68) o-Xylene	11.95	106	828143	152.509	ug/l	97
69) Styrene	11.96	104	1441203	163.357	ug/l	98
70) Isopropylbenzene	12.25	105	2183488	153.902	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	704834	164.779	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	887690	239.723	ug/l	66
73) Bromobenzene	12.53	156	574084	152.446	ug/l	90
74) n-propylbenzene	12.59	91	2554477	170.614	ug/l	97
75) 2-Chlorotoluene	12.67	91	1479792	159.345	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	1863569	159.687	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	235894	223.259	ug/l	92
78) 4-Chlorotoluene	12.77	91	1510492	174.161	ug/l	98
79) tert-butylbenzene	12.99	119	1569327	151.782	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	1876959	165.333	ug/l	98
81) sec-Butylbenzene	13.17	105	2130461	162.884	ug/l	98
82) p-Isopropyltoluene	13.29	119	1963476	166.036	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	1003509	170.992	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	990949	177.265	ug/l	99
85) n-Butylbenzene	13.61	91	1746148	197.843	ug/l	98
86) Hexachloroethane	13.87	117	321583	174.435	ug/l	94
87) 1,2-Dichlorobenzene	13.65	146	991169	166.154	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	145894	217.282	ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	675024	231.989	ug/l	99
90) Hexachlorobutadiene	15.01	225	338593	155.482	ug/l	99
91) Naphthalene	15.13	128	1866715	235.617	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	666466	213.432	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 10:34:01 2019
Response via : Initial Calibration

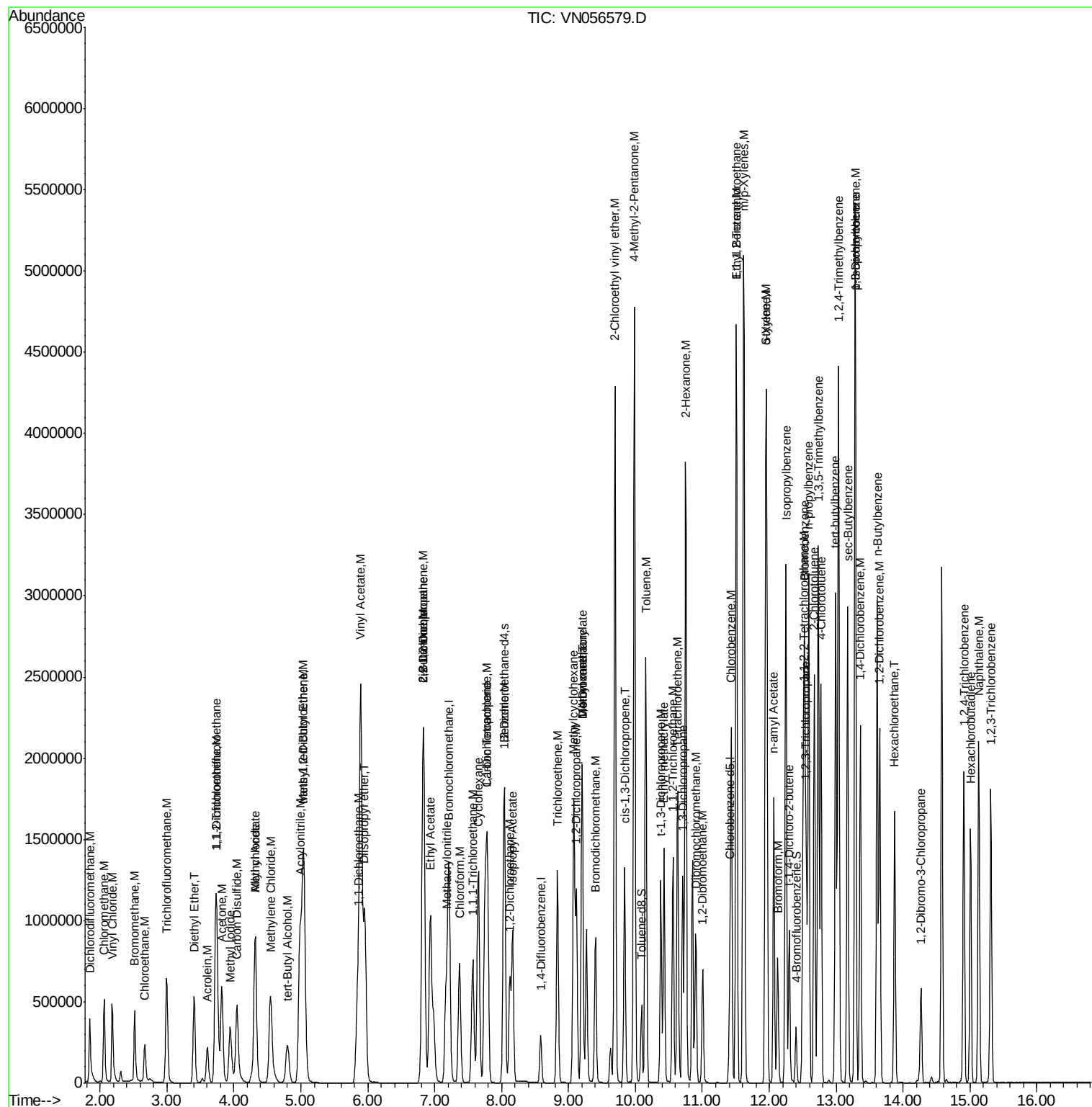
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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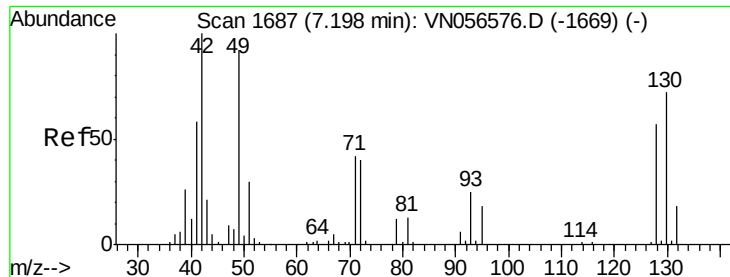
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VSTDIC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150

Quant Time: Jul 03 11:03:21 2019
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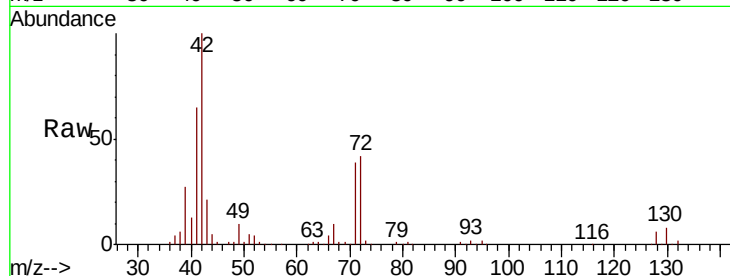




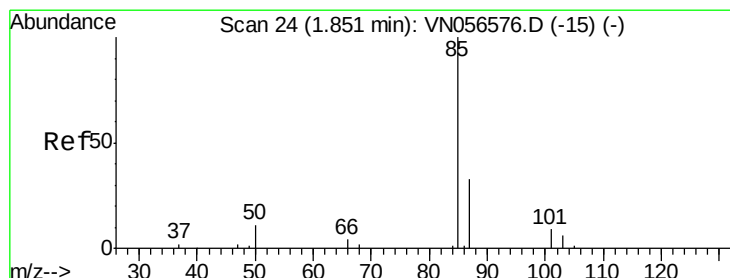
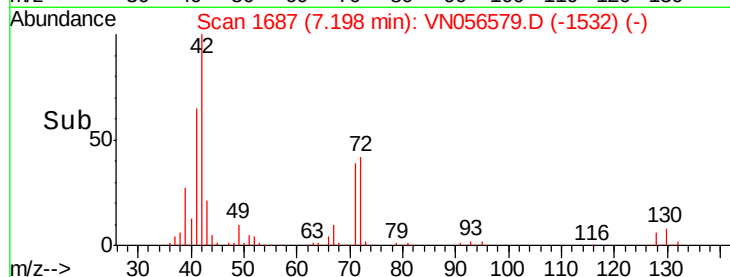
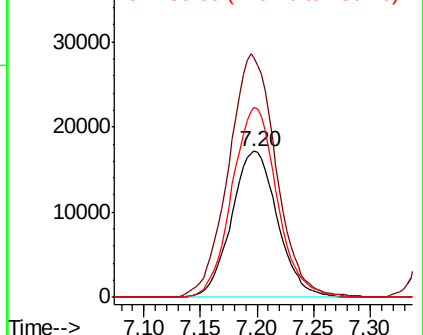
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN056579.D
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ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 48528
Ion Ratio Lower Upper
128 100
49 173.1 0.0 355.8
130 128.3 0.0 326.3

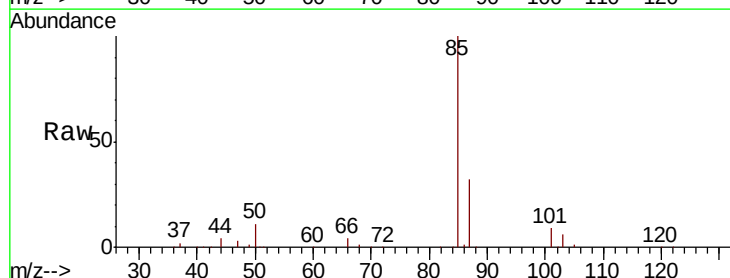


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

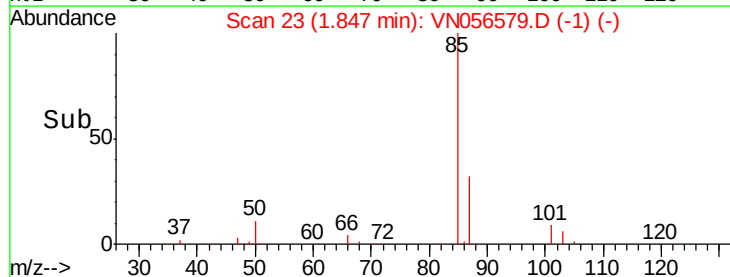
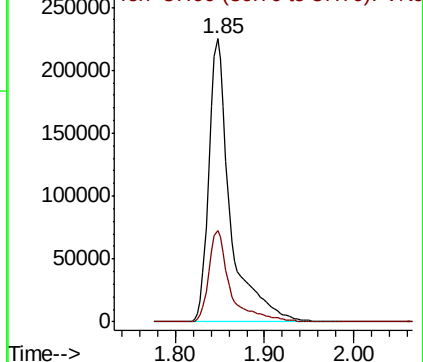


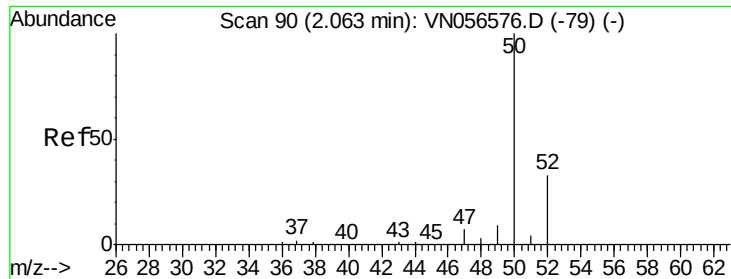
#2
Dichlorodifluoromethane
Concen: 138.506 ug/l
RT: 1.85 min Scan# 23
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 85 Resp: 378044
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.7



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

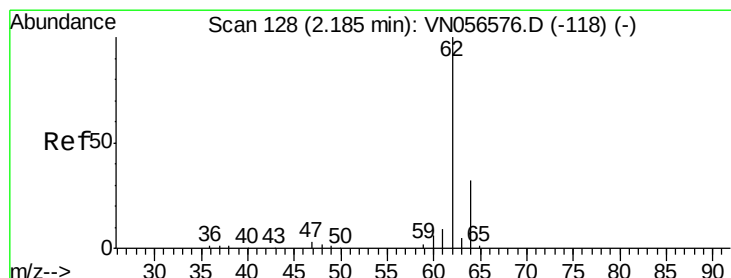
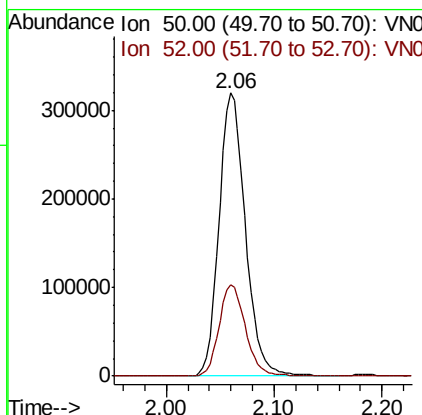
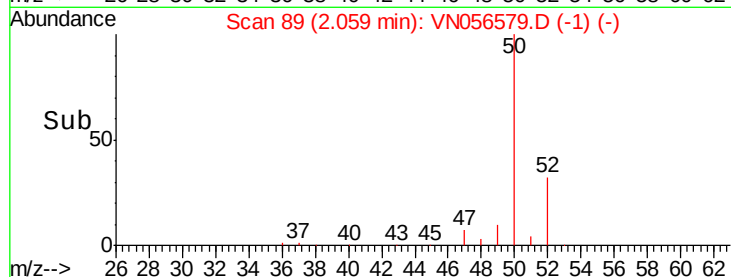
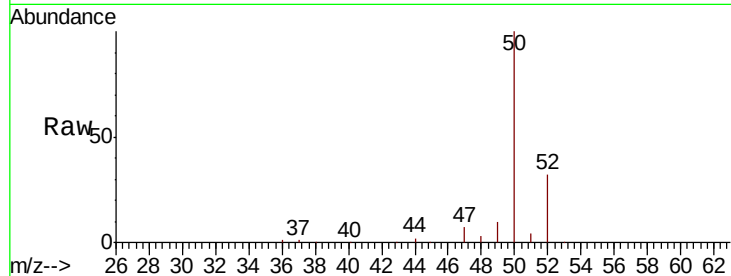




#3
Chloromethane
Concen: 170.112 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

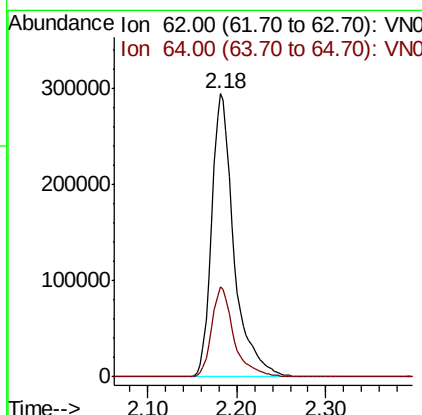
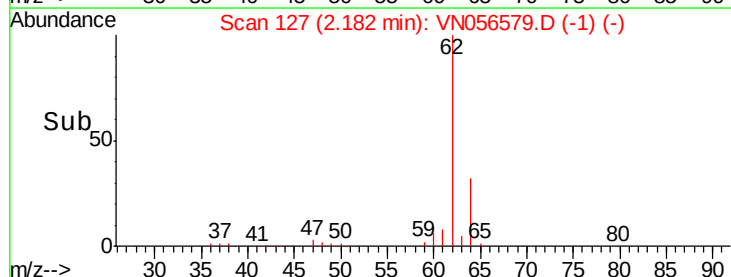
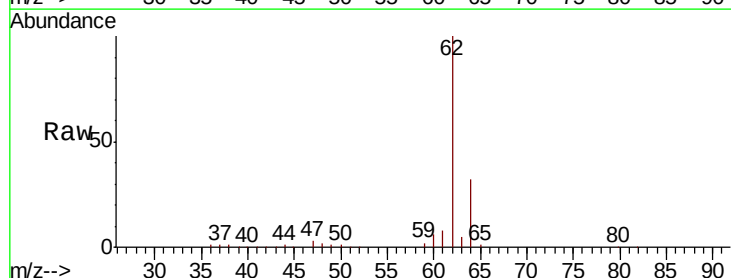
Instrument :
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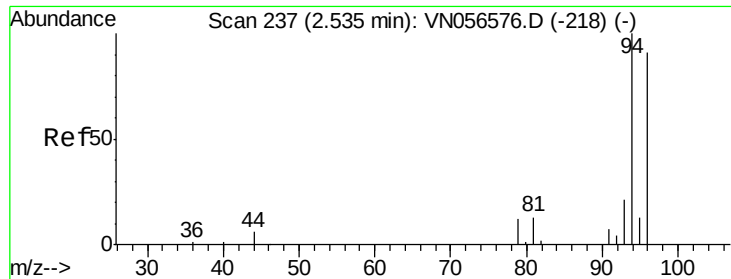
Tgt Ion: 50 Resp: 542489
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1



#4
Vinyl Chloride
Concen: 156.698 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 62 Resp: 509492
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.8

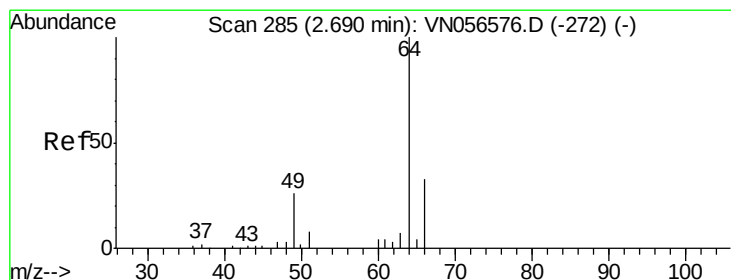
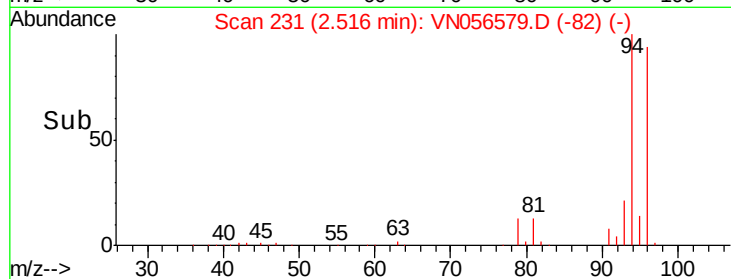
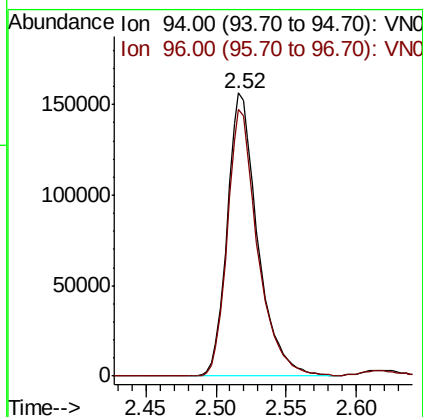
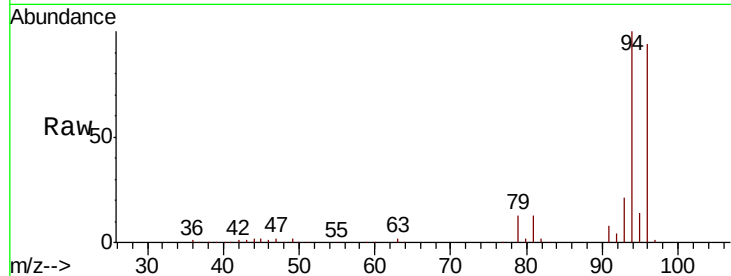




#5
Bromomethane
Concen: 115.376 ug/l
RT: 2.52 min Scan# 231
Delta R.T. -0.02 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

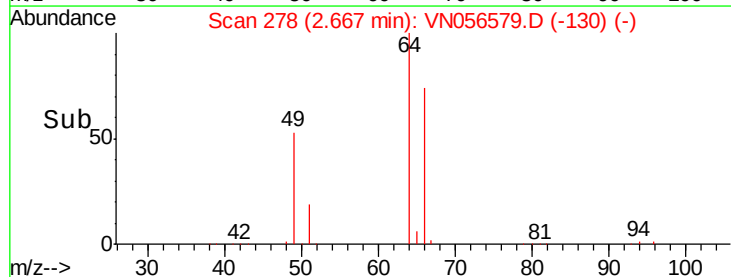
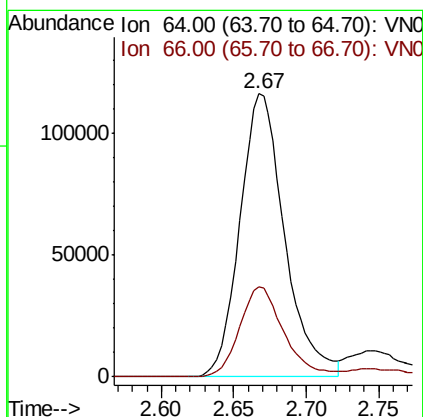
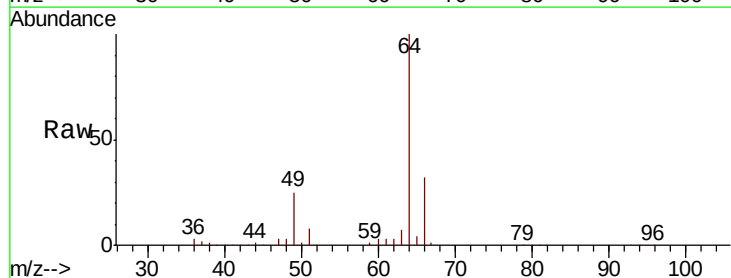
Instrument :
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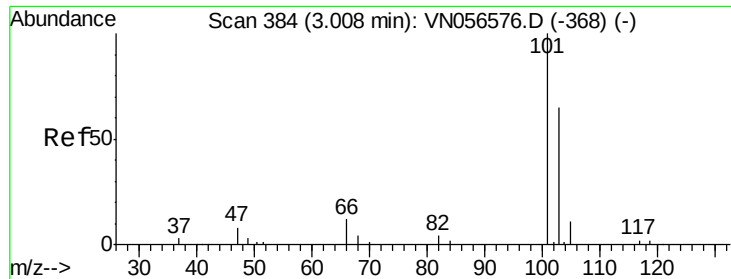
Tgt Ion: 94 Resp: 235758
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 135.303 ug/l
RT: 2.67 min Scan# 278
Delta R.T. -0.02 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 64 Resp: 248834
Ion Ratio Lower Upper
64 100
66 32.0 23.7 35.5



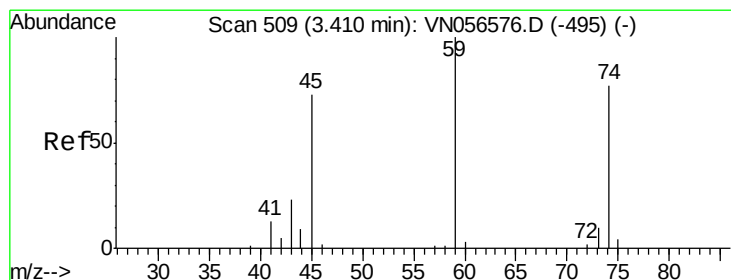
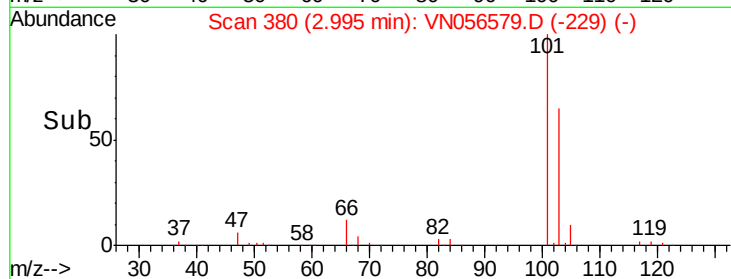
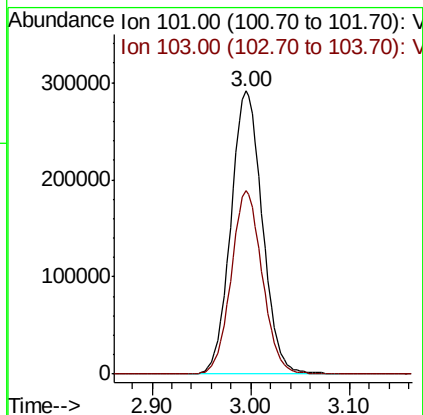
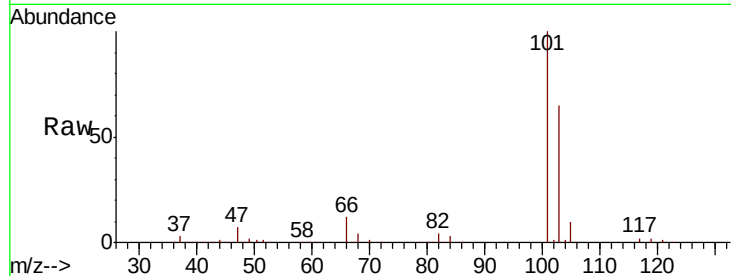


#7

Trichlorofluoromethane
 Concen: 161.040 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Instrument :
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 ClientSampleId :
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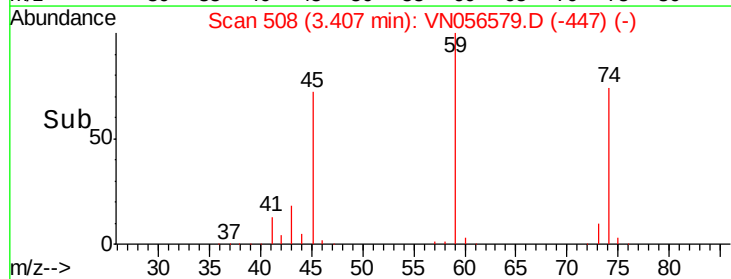
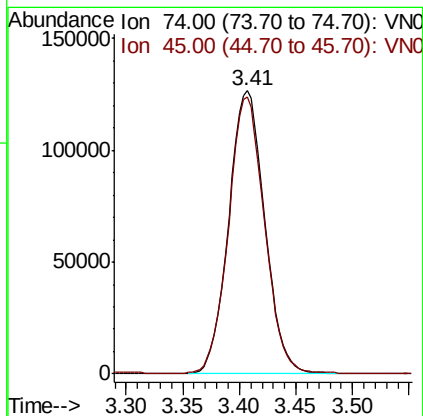
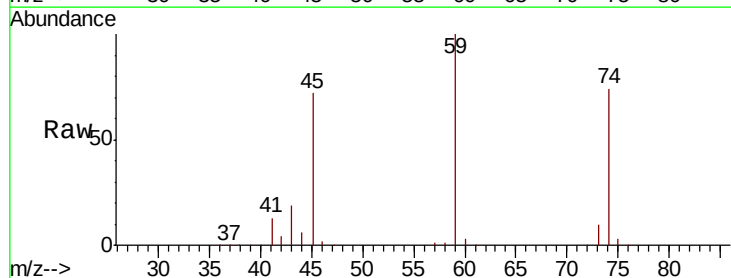
Tgt Ion: 101 Resp: 647848
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.4 80.0

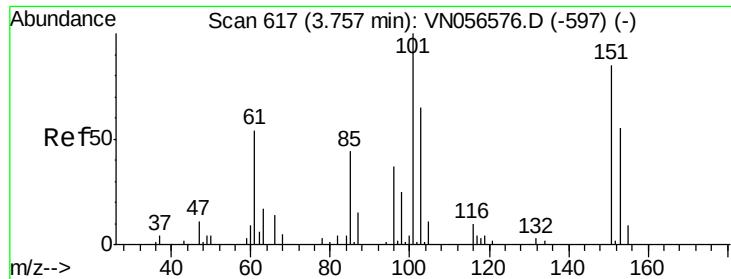


#8

Diethyl Ether
 Concen: 164.624 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 74 Resp: 280877
 Ion Ratio Lower Upper
 74 100
 45 96.7 18.8 169.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 163.063 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

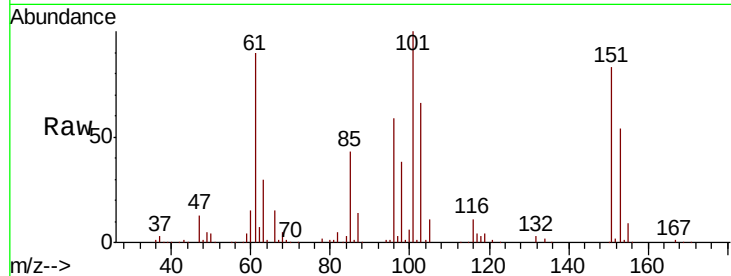
Tgt Ion: 101 Resp: 404928

Ion Ratio Lower Upper

101 100

85 42.1 0.0 82.0

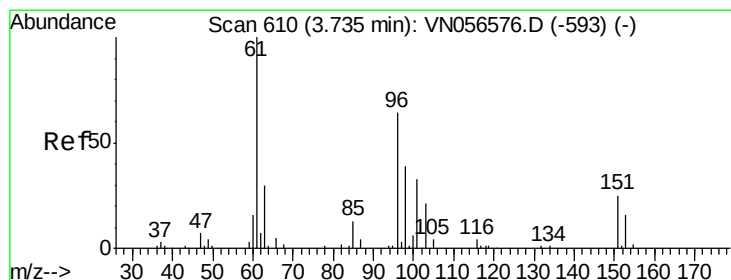
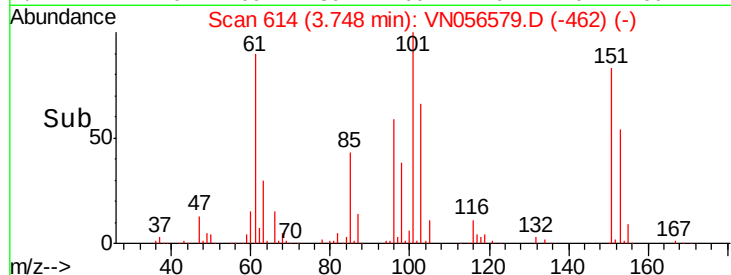
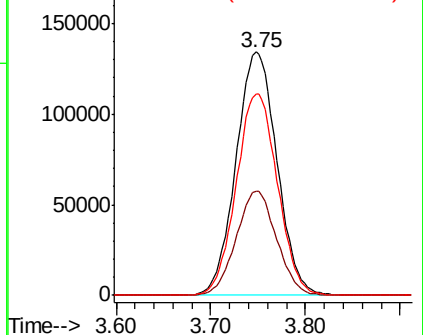
151 83.3 0.0 177.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 162.651 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

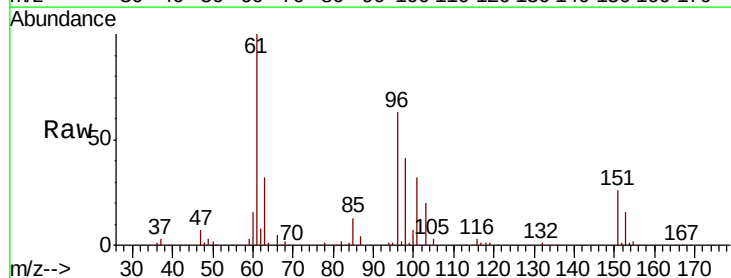
Tgt Ion: 96 Resp: 412021

Ion Ratio Lower Upper

96 100

61 157.7 119.7 179.5

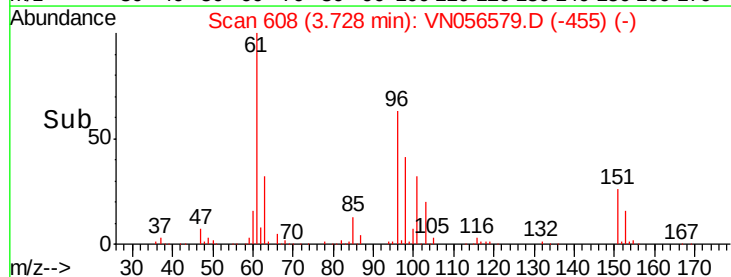
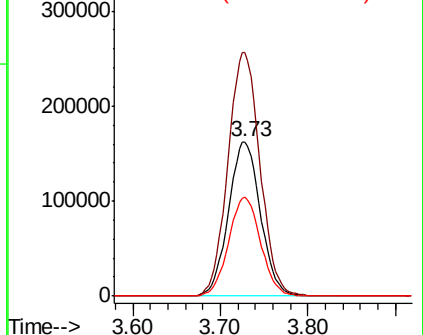
98 64.1 52.3 78.5

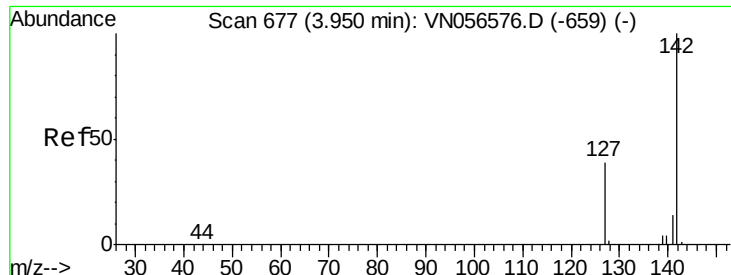


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

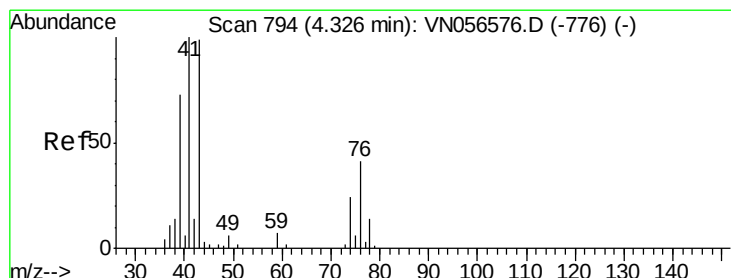
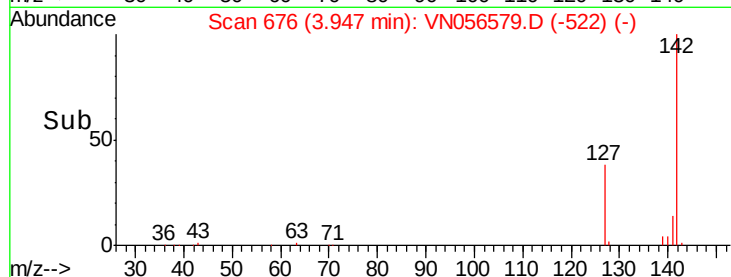
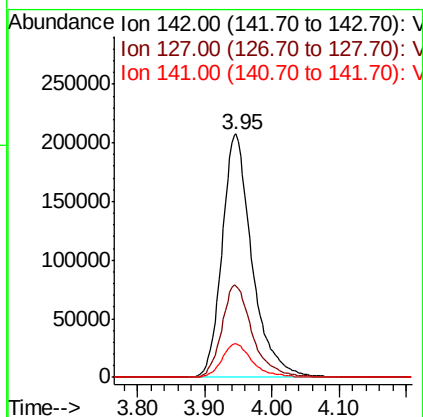
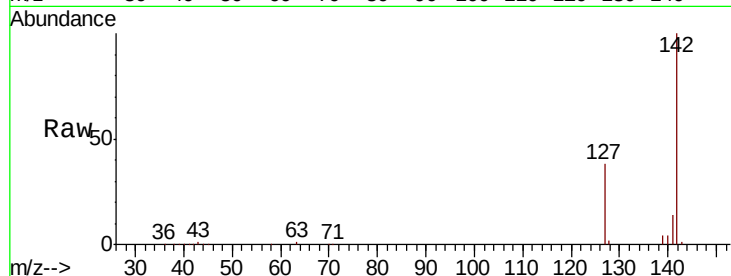




#11
Methyl Iodide
Concen: 160.635 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

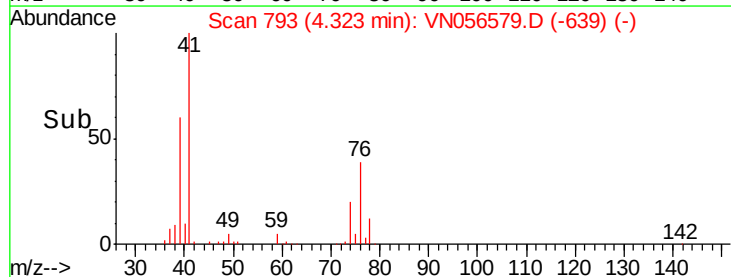
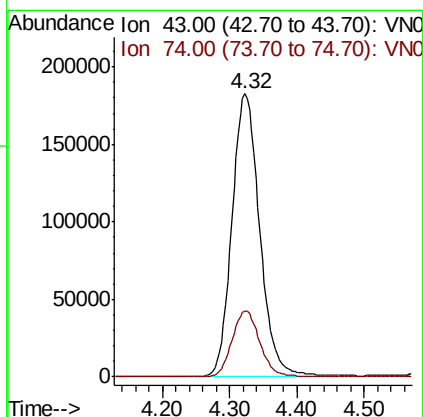
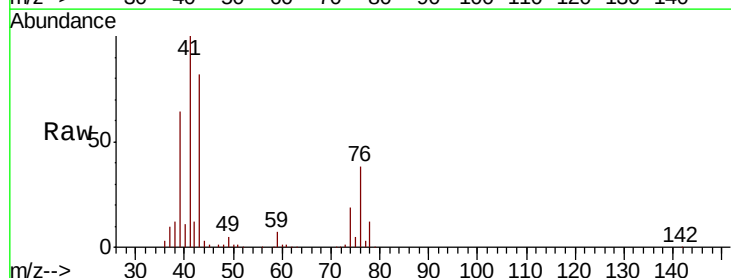
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

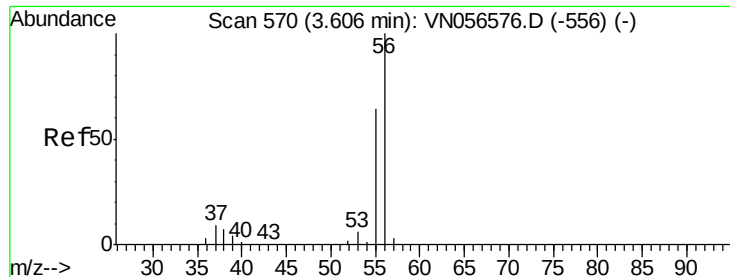
Tgt Ion:142 Resp: 641999
Ion Ratio Lower Upper
142 100
127 37.7 19.0 57.0
141 13.8 6.7 20.0



#12
Methyl Acetate
Concen: 170.496 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 43 Resp: 518988
Ion Ratio Lower Upper
43 100
74 23.5 19.9 29.9

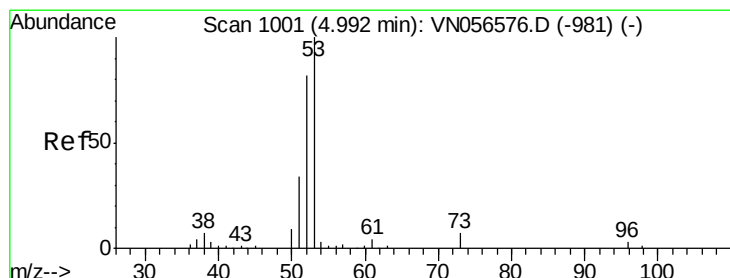
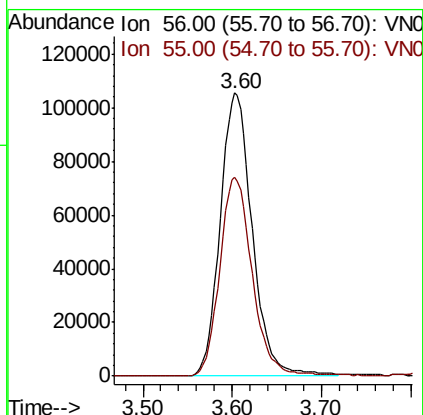
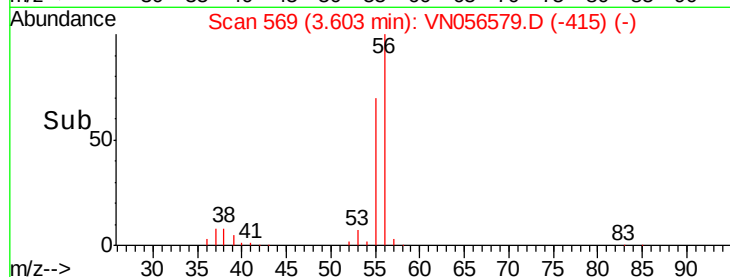
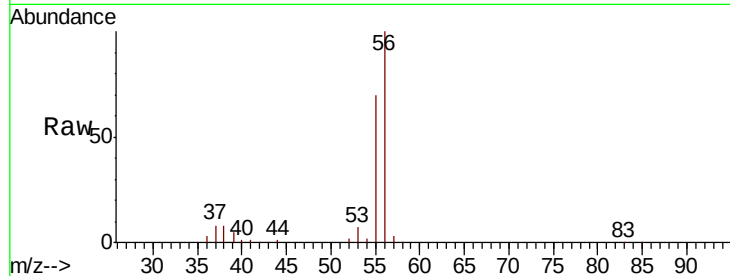




#13
Acrolein
Concen: 1768.702 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

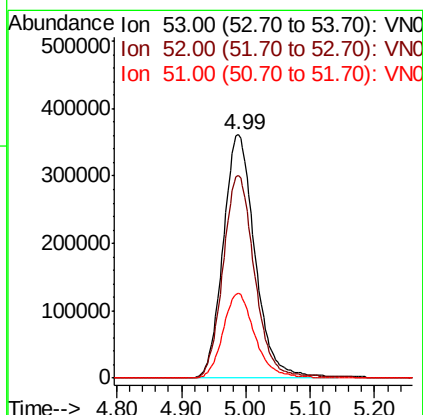
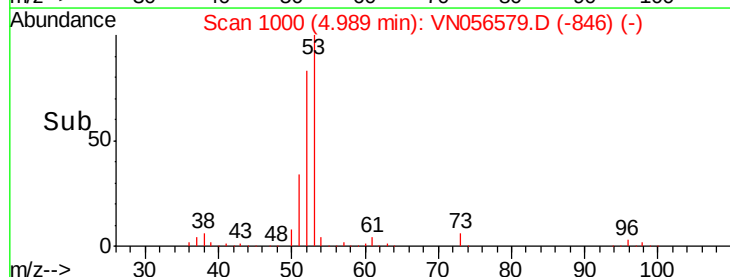
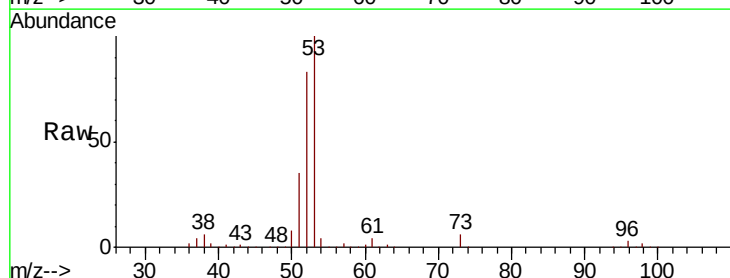
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

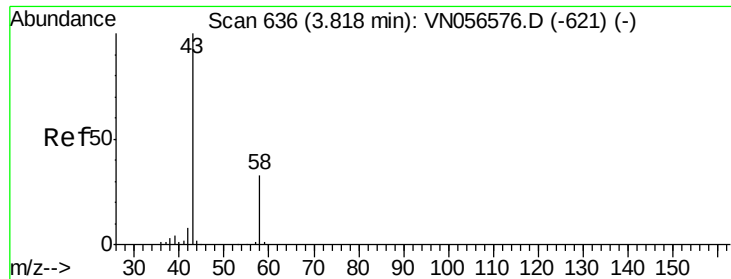
Tgt Ion: 56 Resp: 262419
Ion Ratio Lower Upper
56 100
55 70.3 57.9 86.9



#14
Acrylonitrile
Concen: 913.289 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 53 Resp: 1239775
Ion Ratio Lower Upper
53 100
52 82.9 40.8 122.2
51 35.2 17.3 52.0





#15

Acetone

Concen: 730.109 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

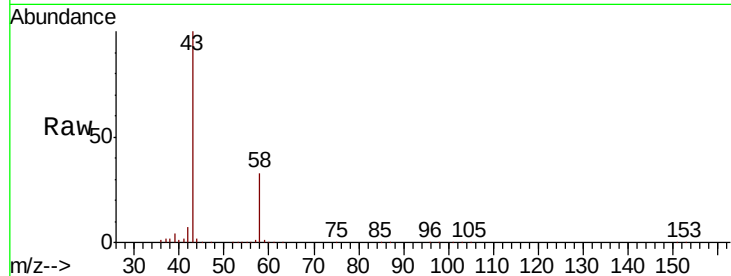
VSTDIC150

Tgt Ion: 58 Resp: 324519

Ion Ratio Lower Upper

58 100

43 303.1 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN056579.D (-481) (-)

Ion 43.00 (42.70 to 43.70): VN056579.D (-481) (-)

400000

300000

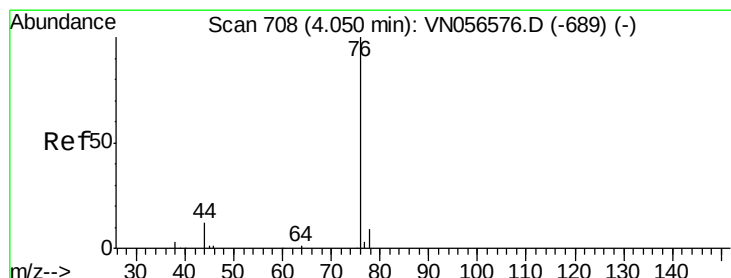
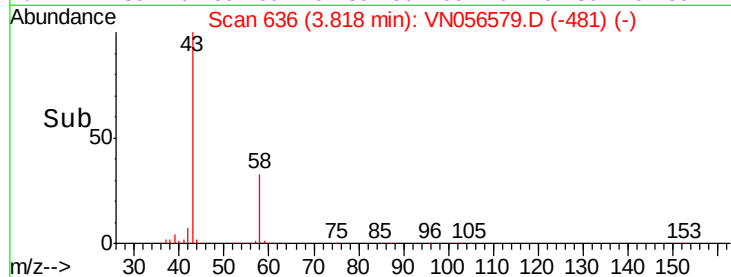
200000

100000

0

3.70 3.80 3.90

Time-->



#16

Carbon Disulfide

Concen: 179.196 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN056579.D

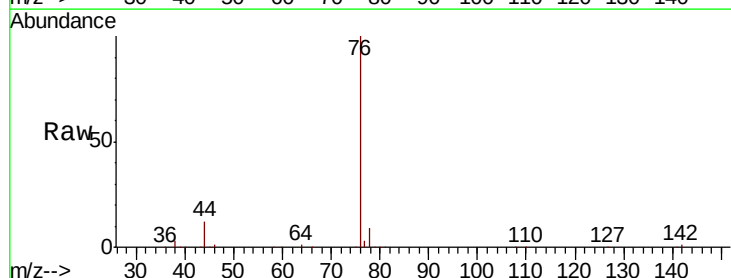
Acq: 3 Jul 2019 10:42

Tgt Ion: 76 Resp: 1080069

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN056579.D (-553) (-)

Ion 78.00 (77.70 to 78.70): VN056579.D (-553) (-)

400000

300000

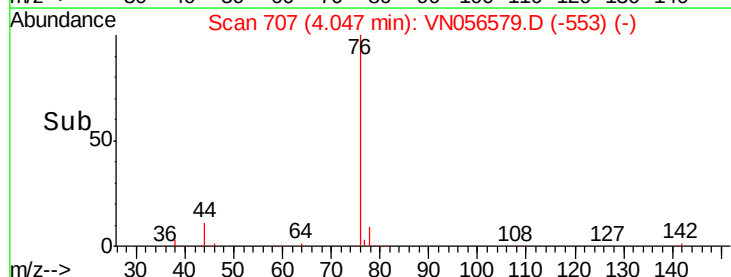
200000

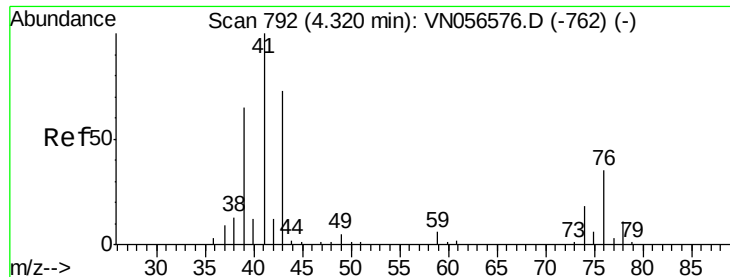
100000

0

3.90 4.00 4.10 4.20 4.30

Time-->

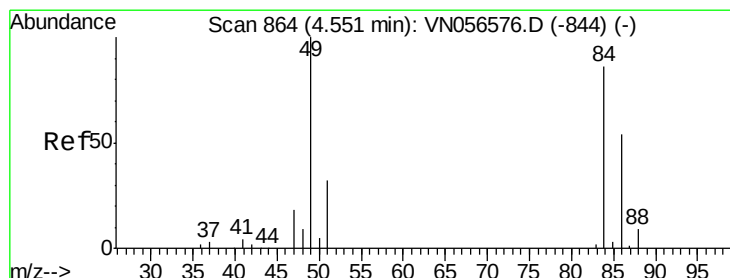
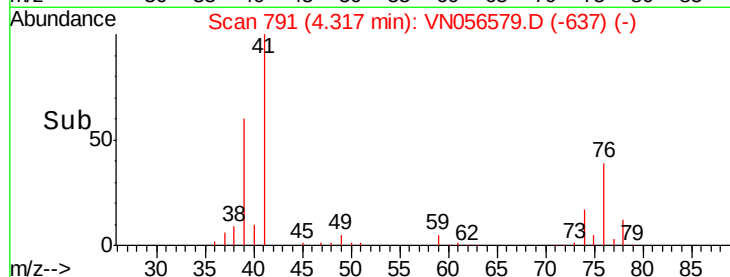
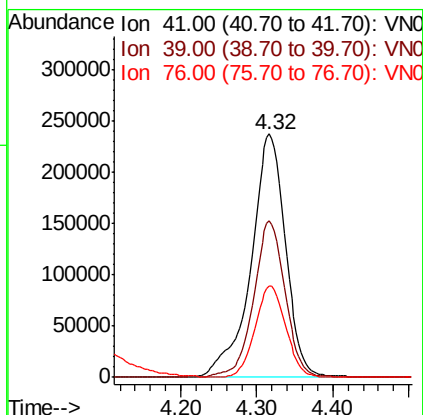
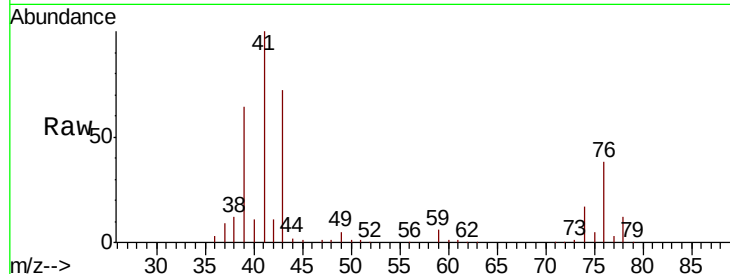




#17
 Allyl chloride
 Concen: 190.461 ug/l
 RT: 4.32 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

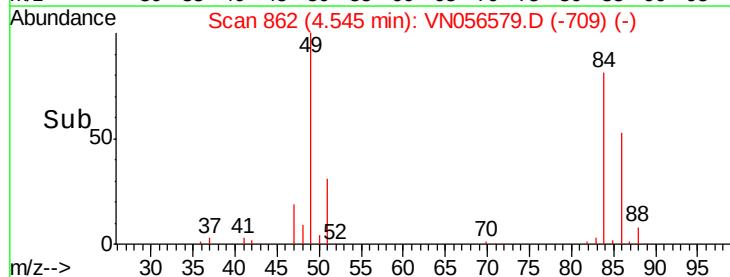
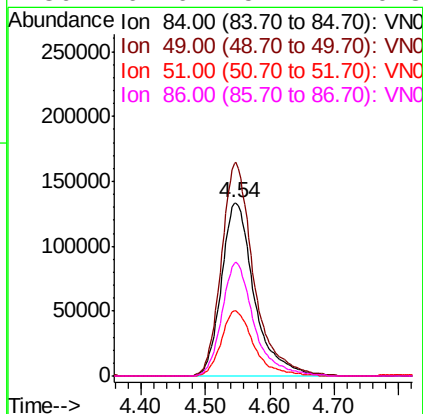
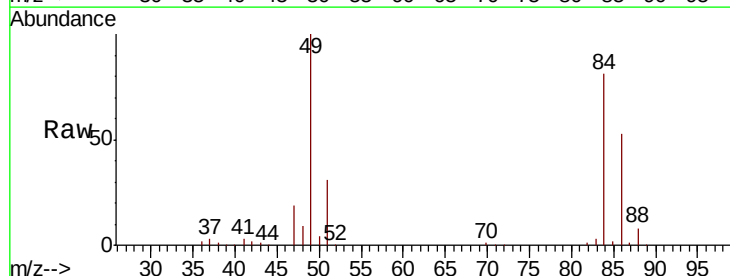
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

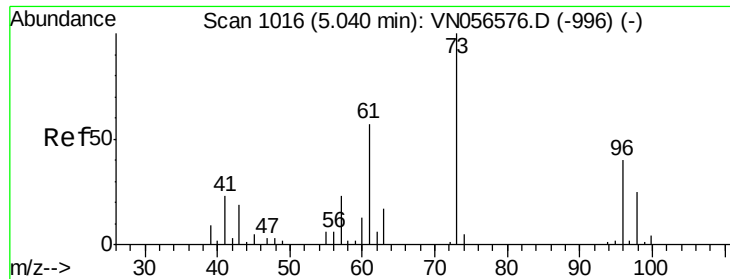
Tgt Ion: 41 Resp: 747534
 Ion Ratio Lower Upper
 41 100
 39 64.3 33.0 99.0
 76 37.5 18.9 56.9



#18
 Methylene Chloride
 Concen: 161.445 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 84 Resp: 473454
 Ion Ratio Lower Upper
 84 100
 49 122.7 87.6 131.4
 51 38.0 27.0 40.4
 86 64.6 51.2 76.8

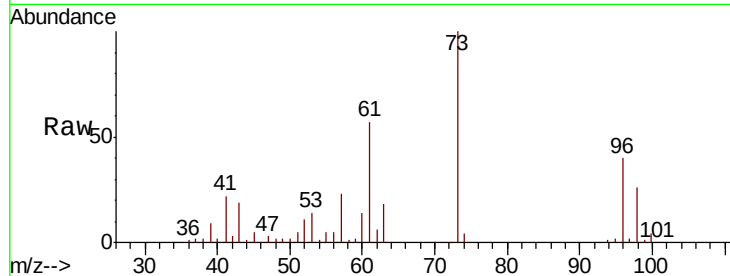




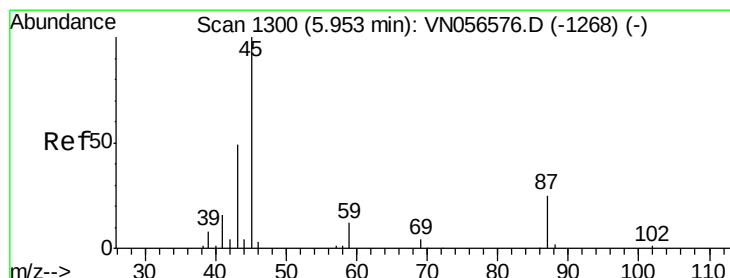
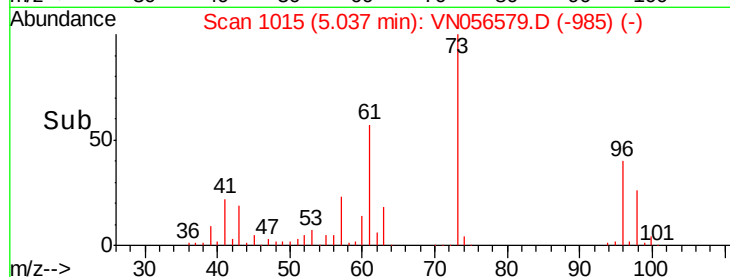
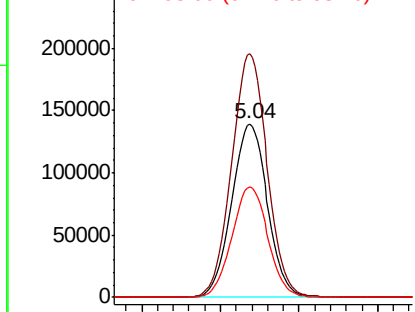
#19
trans-1,2-Dichloroethene
Concen: 164.106 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 443734
Ion Ratio Lower Upper
96 100
61 140.2 102.5 153.7
98 63.3 46.9 70.3

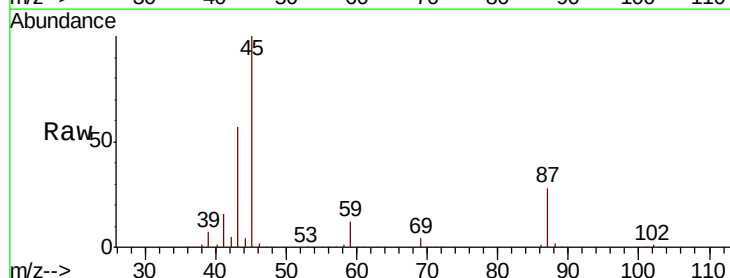


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

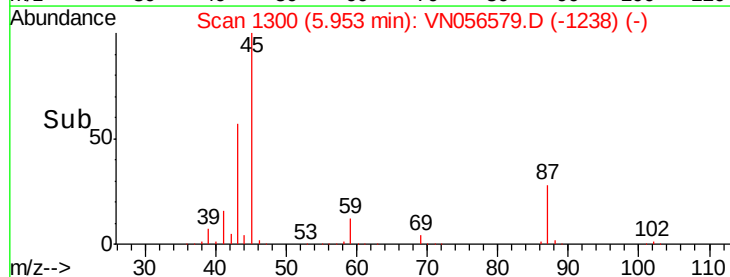
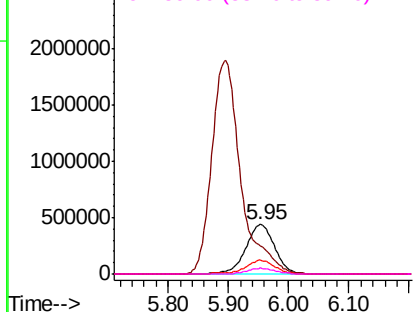


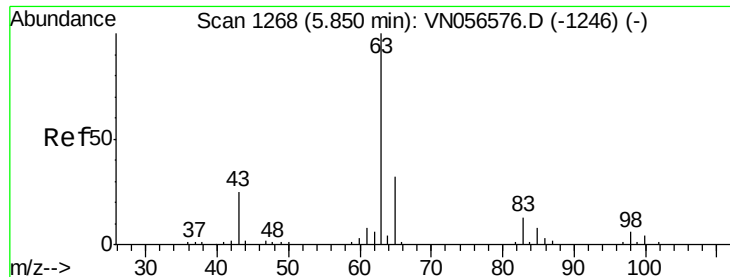
#20
Diisopropyl ether
Concen: 180.514 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 45 Resp: 1467903
Ion Ratio Lower Upper
45 100
43 56.0 48.0 72.0
87 27.8 23.4 35.2
59 11.7 9.2 13.8



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





#21

1,1-Dichloroethane

Concen: 175.669 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

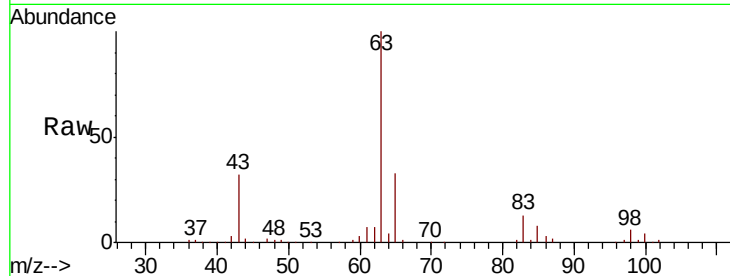
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

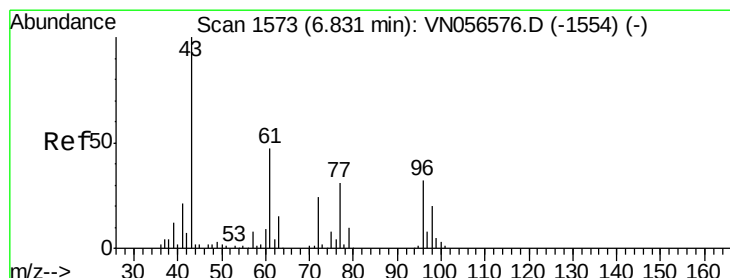
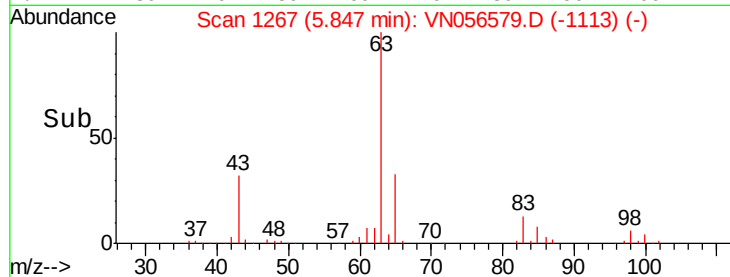
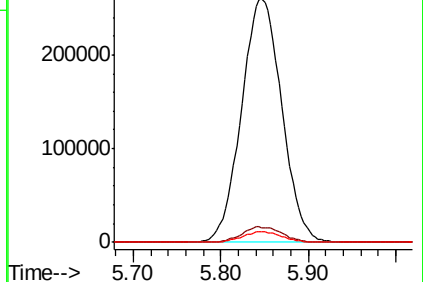
Tgt Ion:	63	Resp:	830177
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.5	10.5
100	4.2	2.3	6.9



Abundance Ion 63.00 (62.70 to 63.70): VN056576.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VN056576.D (-1246) (-)

Ion 100.00 (99.70 to 100.70): VN056576.D (-1246) (-)



#22

cis-1,2-Dichloroethene

Concen: 165.167 ug/l

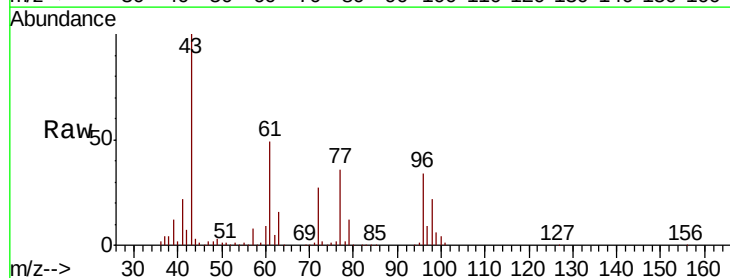
RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

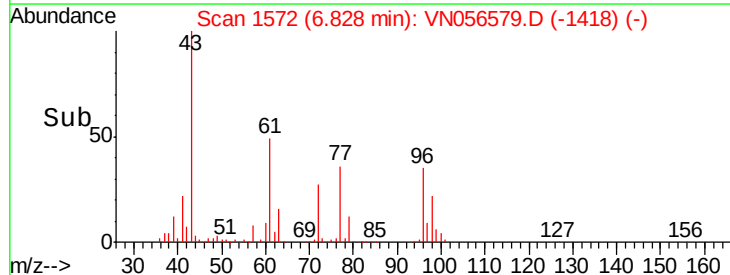
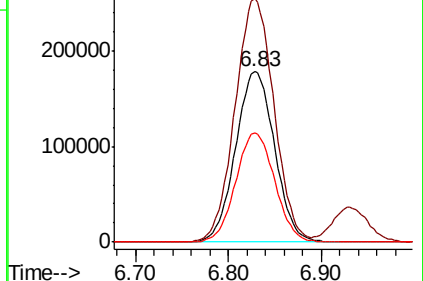
Tgt Ion:	96	Resp:	521263
Ion	Ratio	Lower	Upper
96	100		
61	142.5	105.7	158.5
98	64.1	52.0	78.0

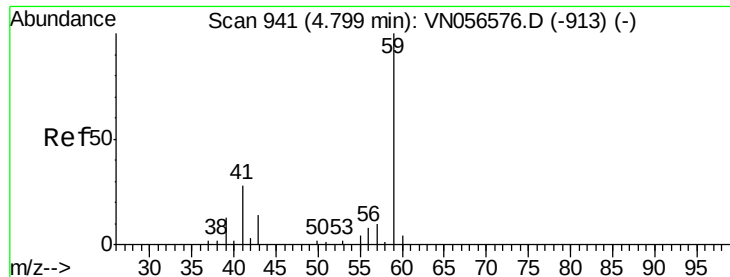


Abundance Ion 96.00 (95.70 to 96.70): VN056576.D (-1554) (-)

Ion 61.00 (60.70 to 61.70): VN056576.D (-1554) (-)

Ion 98.00 (97.70 to 98.70): VN056576.D (-1554) (-)



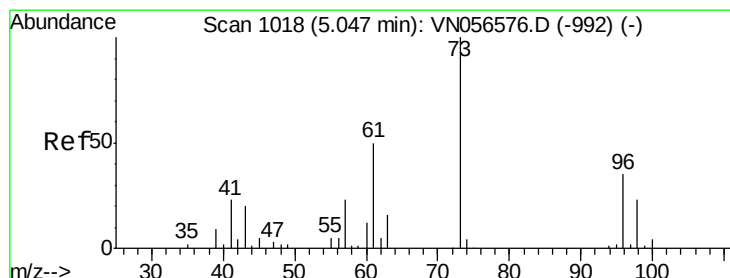
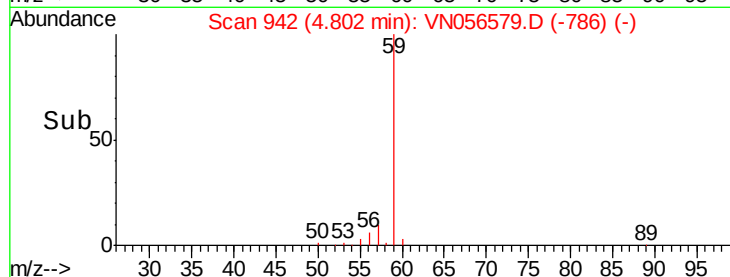
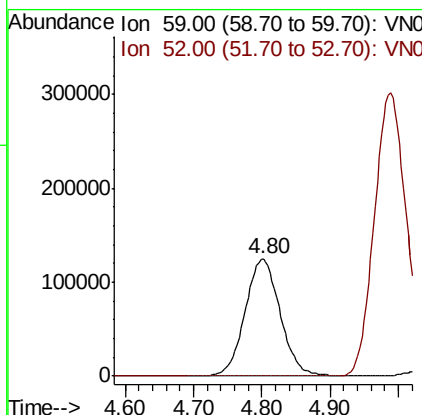
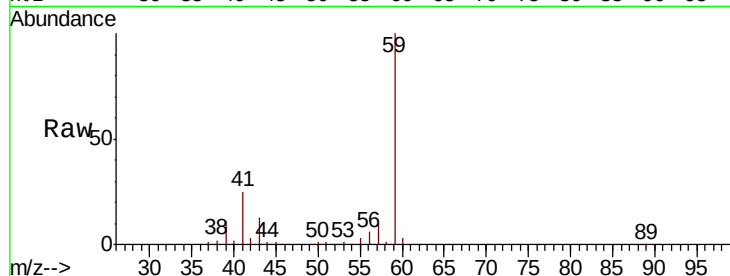


#23

tert-Butyl Alcohol
 Concen: 847.553 ug/l
 RT: 4.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

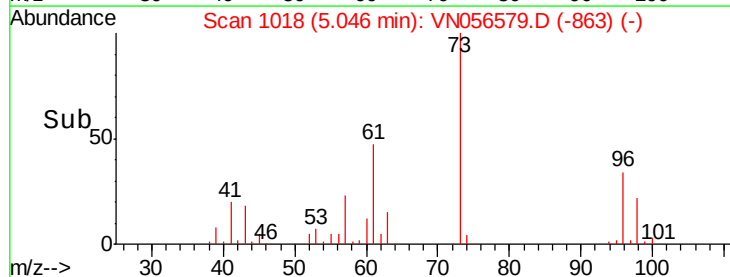
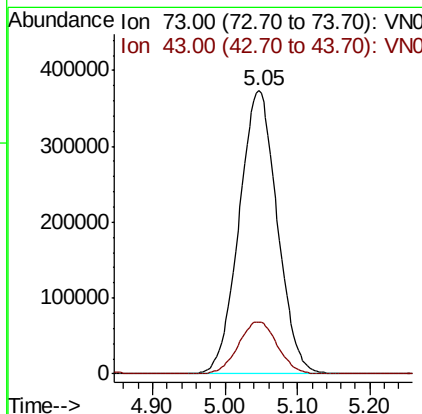
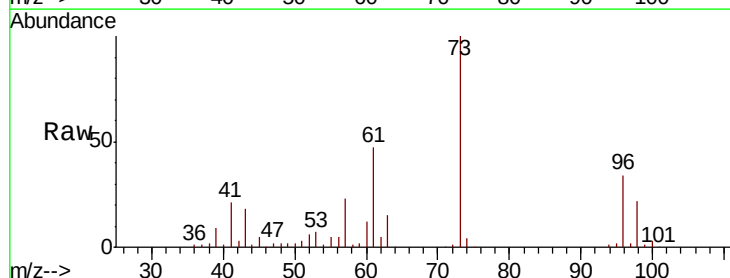
Tgt Ion: 59 Resp: 447835
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0#

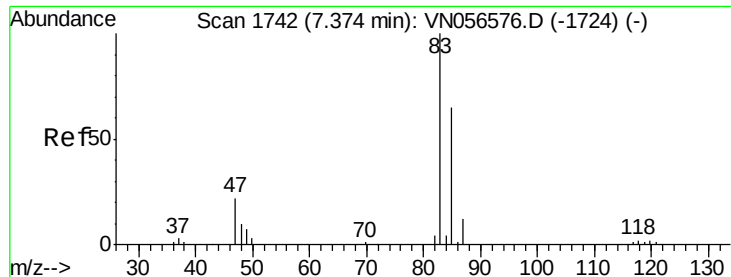


#24

Methyl tert-Butyl Ether
 Concen: 168.982 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 73 Resp: 1364186
 Ion Ratio Lower Upper
 73 100
 43 18.6 15.4 23.0

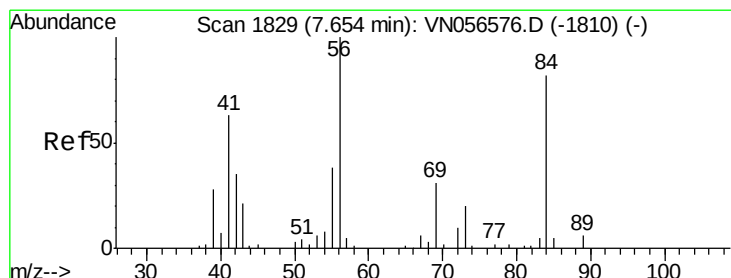
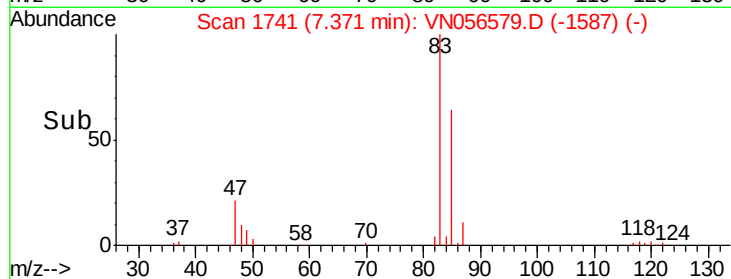
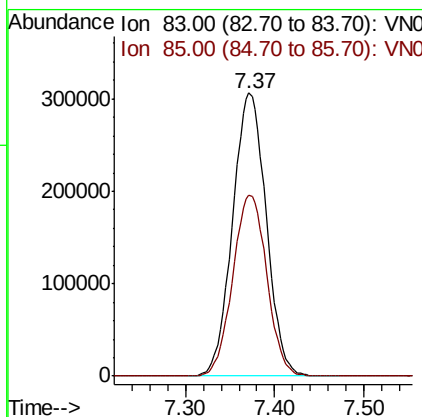
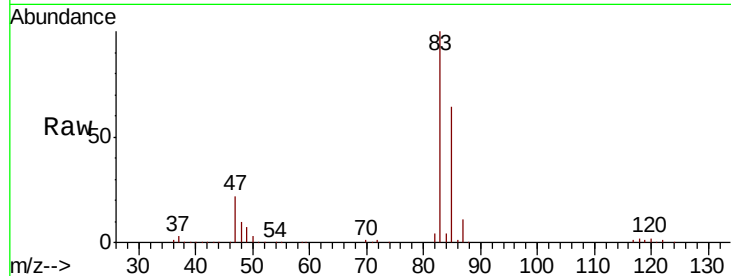




#25
Chloroform
Concen: 169.961 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

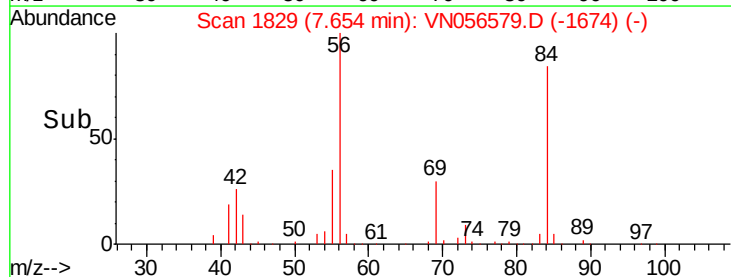
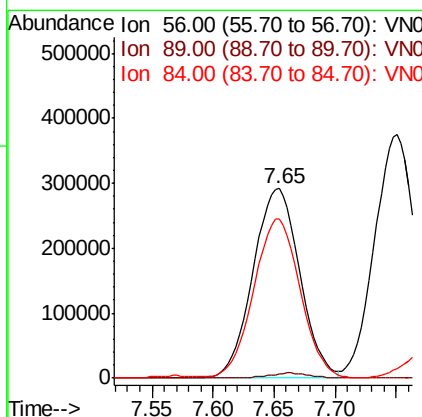
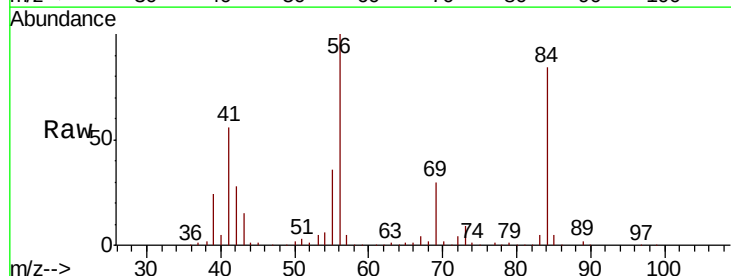
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

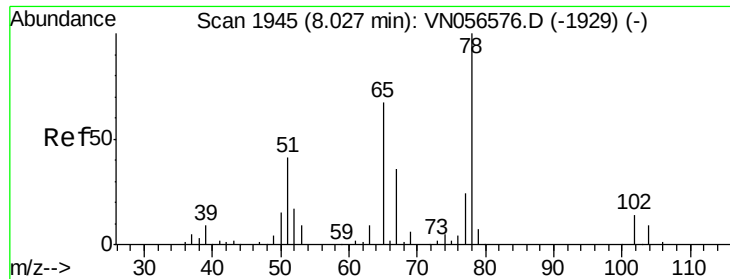
Tgt Ion: 83 Resp: 802039
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0



#26
Cyclohexane
Concen: 177.402 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 56 Resp: 777790
Ion Ratio Lower Upper
56 100
89 2.4 0.0 0.0#
84 83.6 70.1 105.1

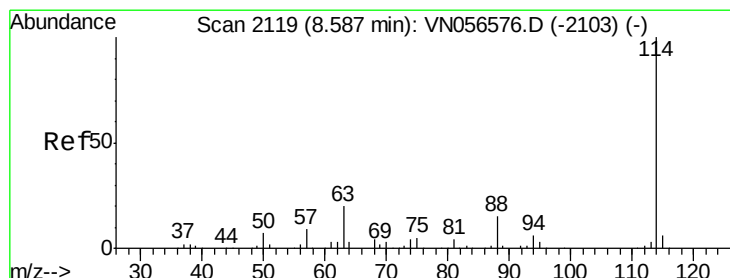
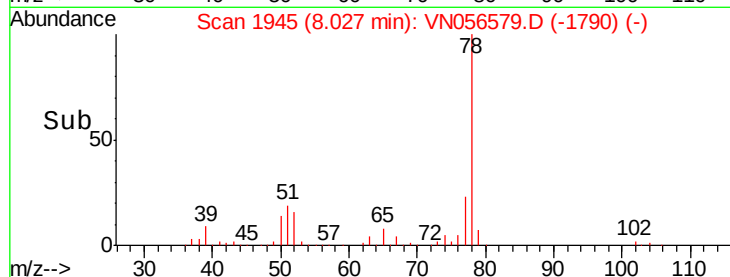
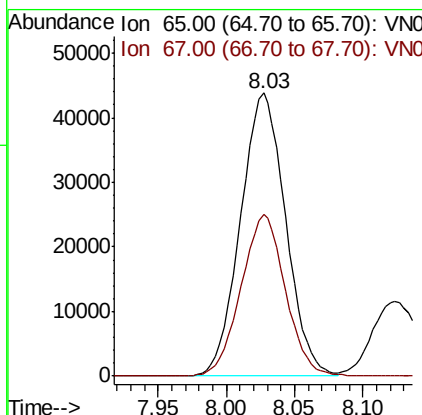
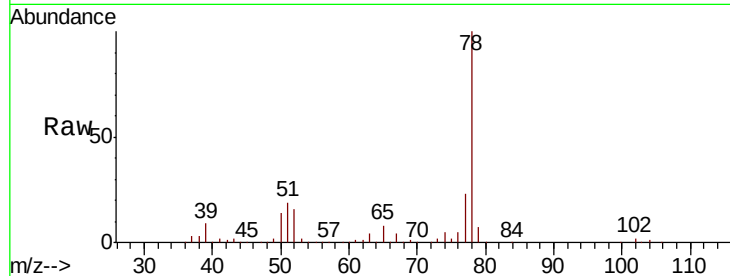




#27
 1,2-Dichloroethane-d4
 Concen: 33.420 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

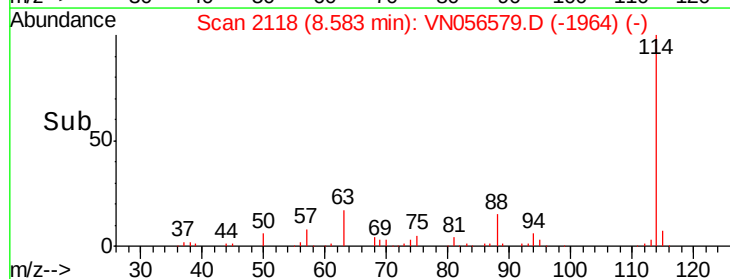
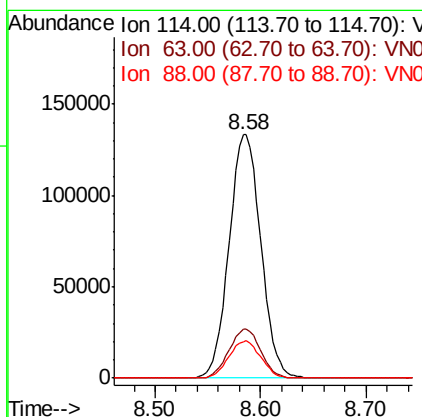
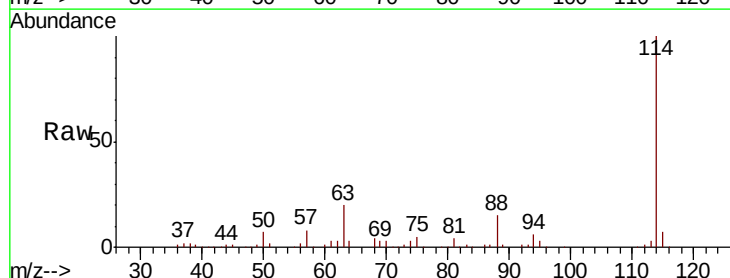
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

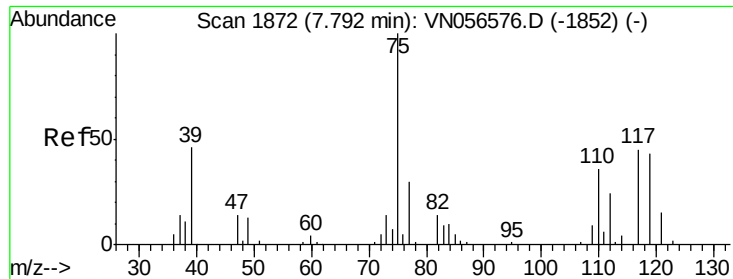
Tgt Ion: 65 Resp: 100713
 Ion Ratio Lower Upper
 65 100
 67 55.9 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 114 Resp: 277988
 Ion Ratio Lower Upper
 114 100
 63 20.2 14.7 22.1
 88 15.4 11.9 17.9

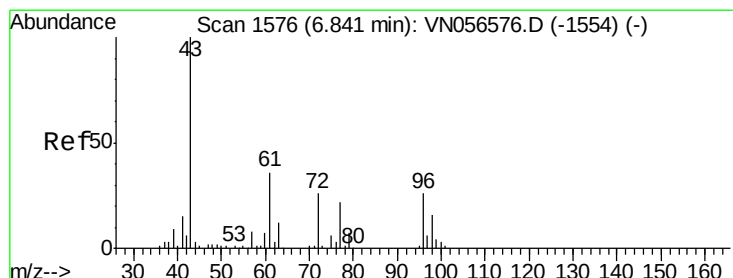
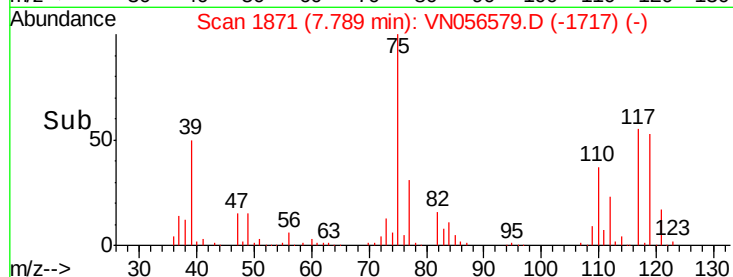
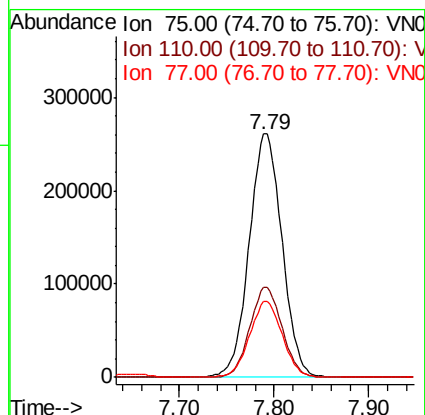
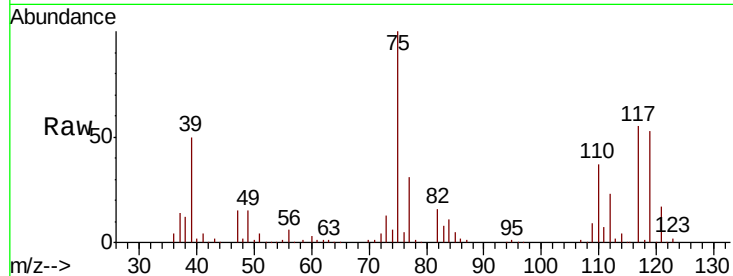




#29
 1,1-Dichloropropene
 Concen: 167.473 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

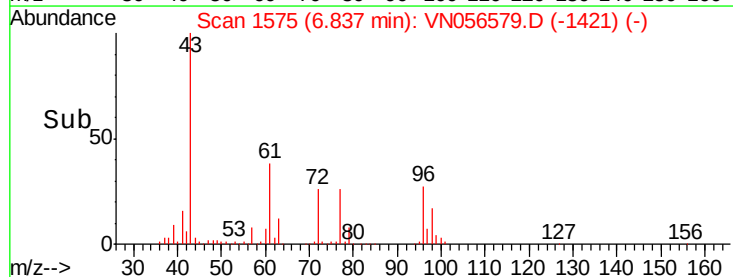
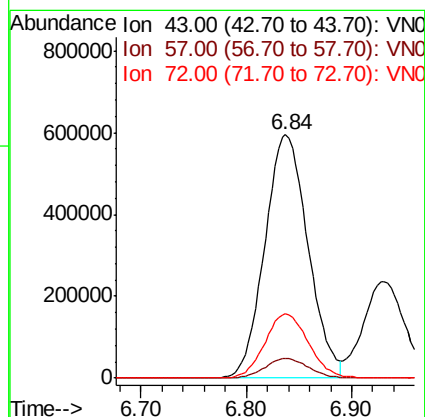
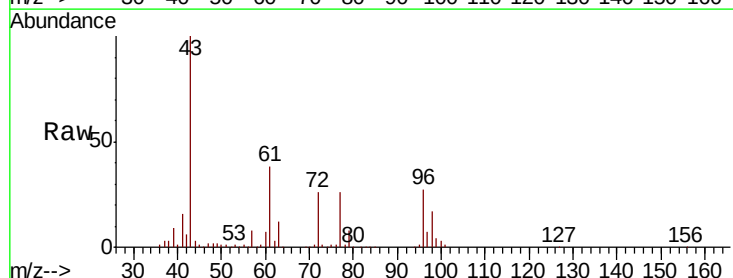
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

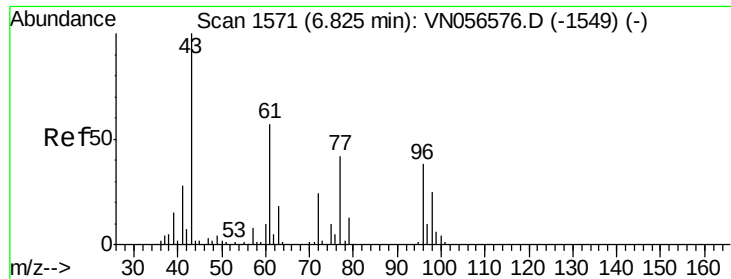
Tgt Ion: 75 Resp: 629742
 Ion Ratio Lower Upper
 75 100
 110 36.3 0.0 77.0
 77 31.1 0.0 62.4



#30
 2-Butanone
 Concen: 853.629 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 43 Resp: 1689833
 Ion Ratio Lower Upper
 43 100
 57 8.2 6.7 10.1
 72 26.7 22.4 33.6

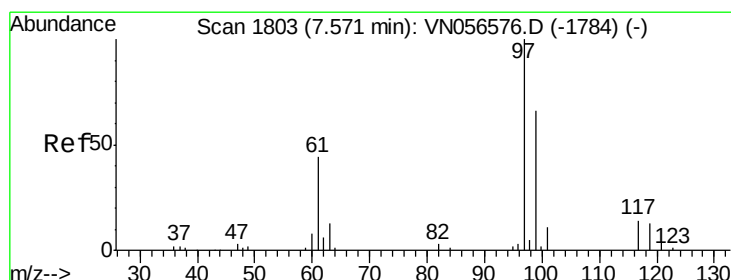
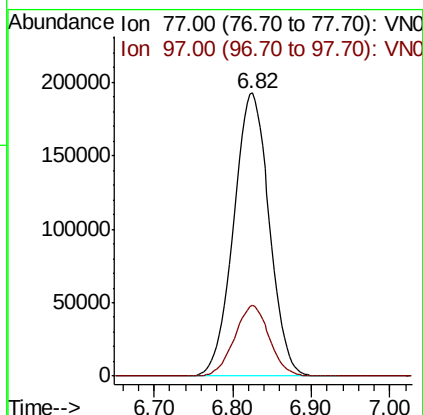
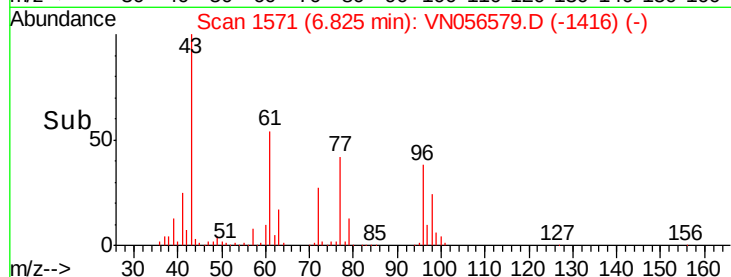
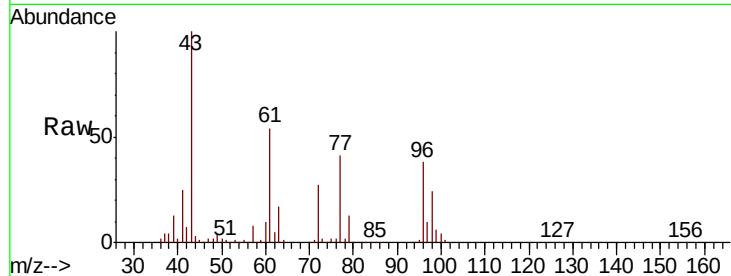




#31
 2,2-Dichloropropane
 Concen: 174.508 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

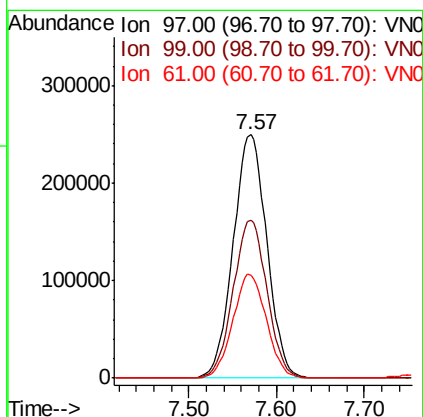
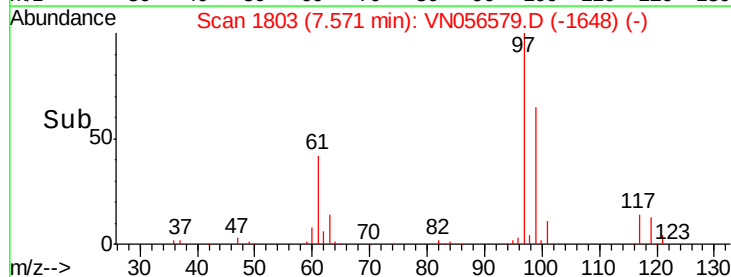
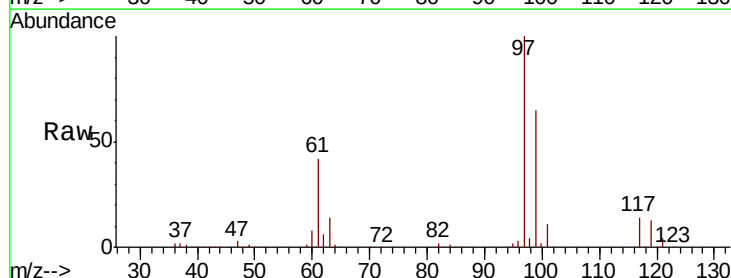
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

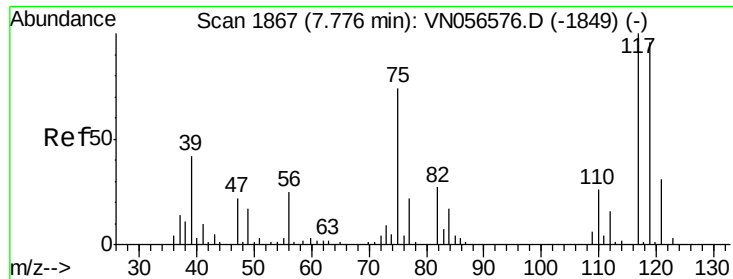
Tgt Ion: 77 Resp: 610444
 Ion Ratio Lower Upper
 77 100
 97 24.4 20.8 31.2



#32
 1,1,1-Trichloroethane
 Concen: 160.578 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 97 Resp: 667122
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.5 77.3
 61 42.7 32.9 49.3

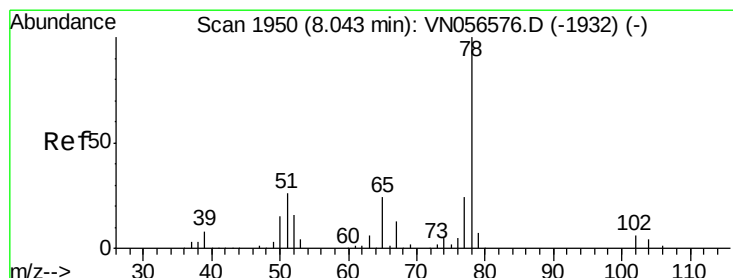
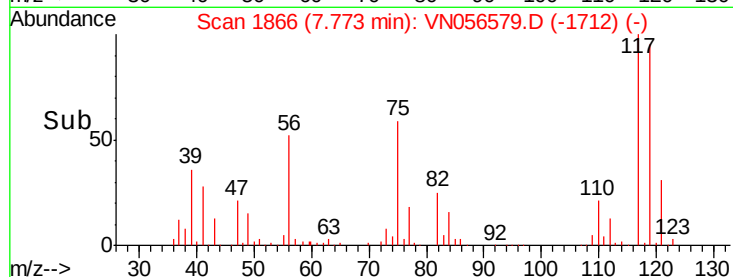
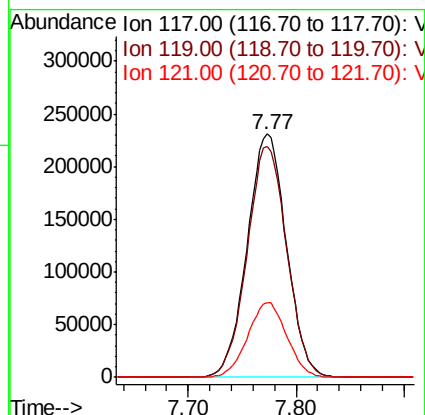
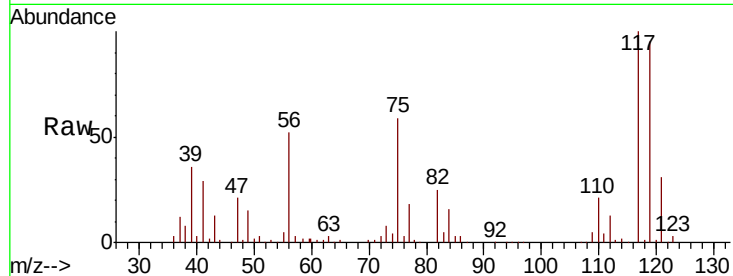




#33
Carbon Tetrachloride
Concen: 165.886 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

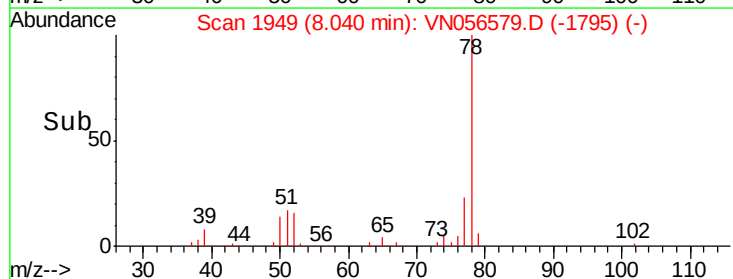
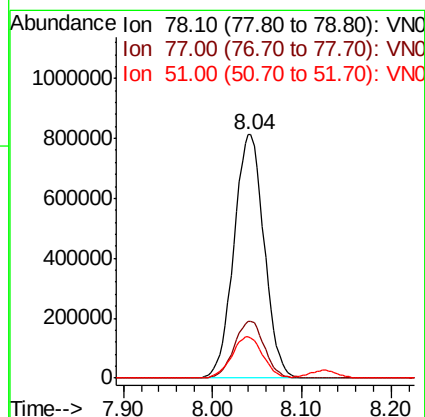
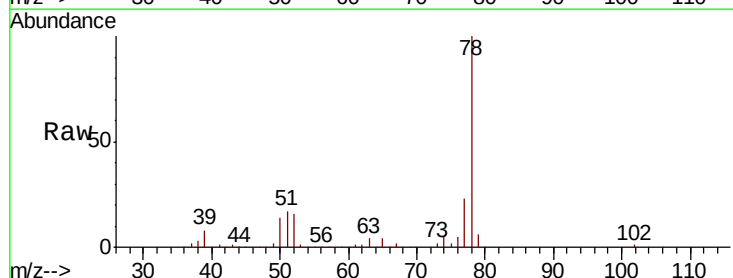
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

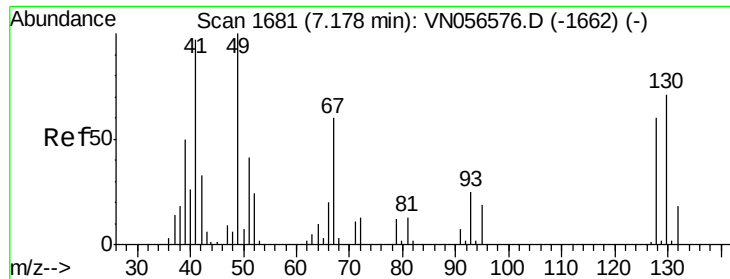
Tgt Ion:117 Resp: 583888
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
121 30.9 25.0 37.4



#34
Benzene
Concen: 159.071 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 78 Resp: 1905844
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9
51 17.0 19.8 29.8#

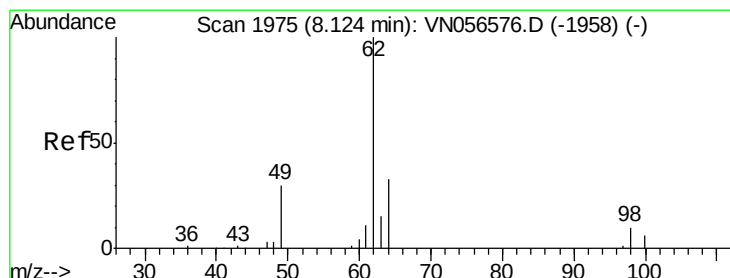
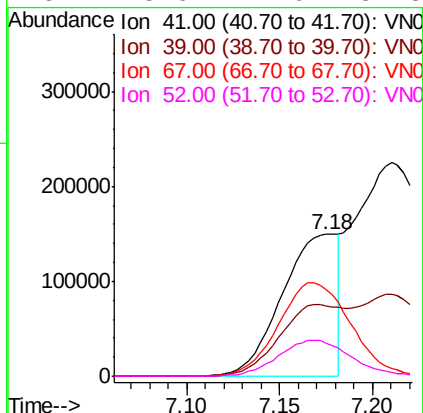
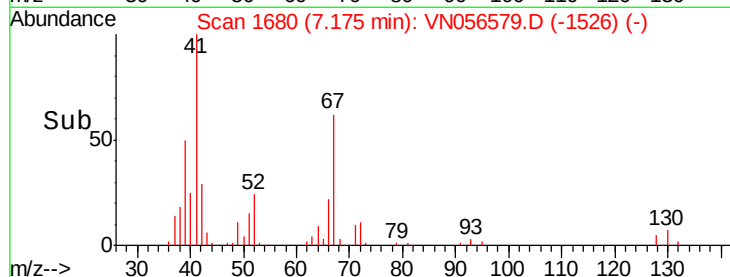
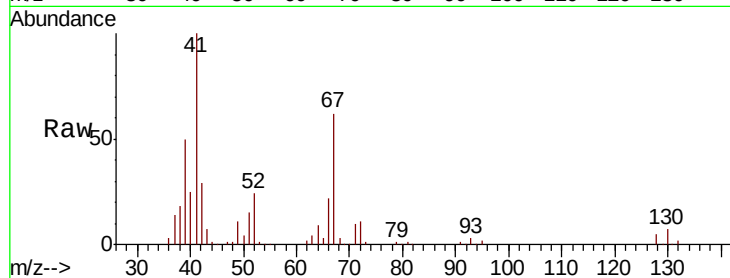




#35
Methacrylonitrile
Concen: 187.269 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

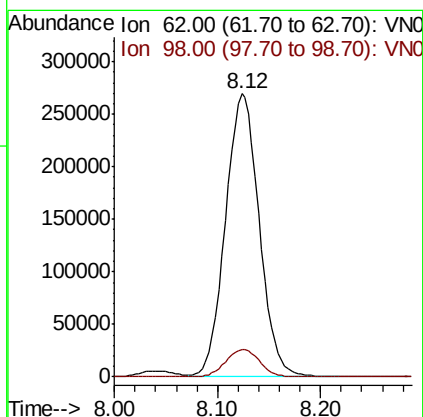
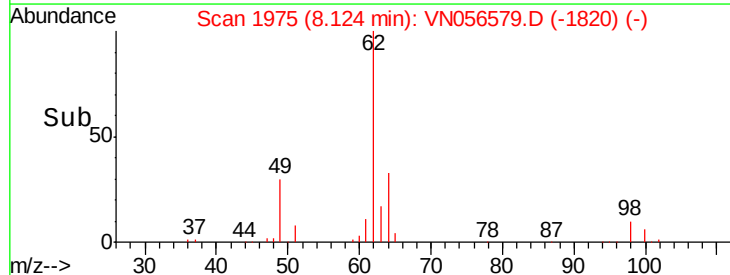
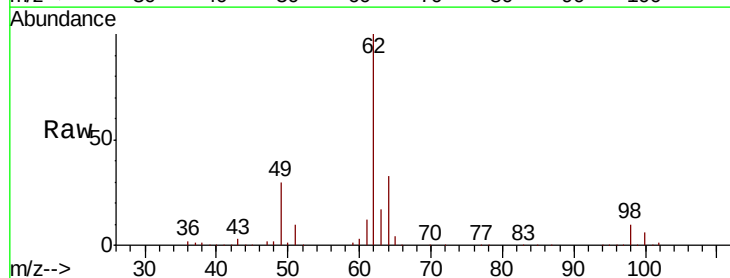
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

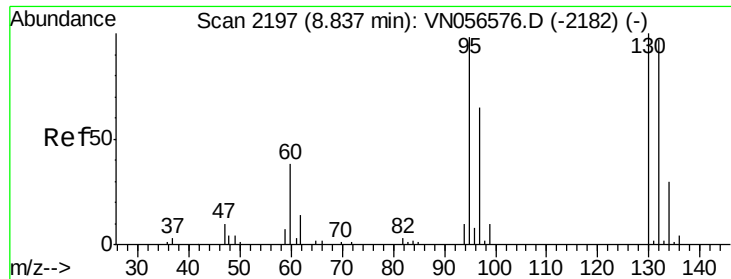
Tgt Ion:	41	Resp:	313045
Ion	Ratio	Lower	Upper
41	100		
39	49.6	24.8	74.3
67	61.8	34.3	102.9
52	23.6	12.6	37.8



#36
1,2-Dichloroethane
Concen: 163.364 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion:	62	Resp:	613074
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.6	13.0

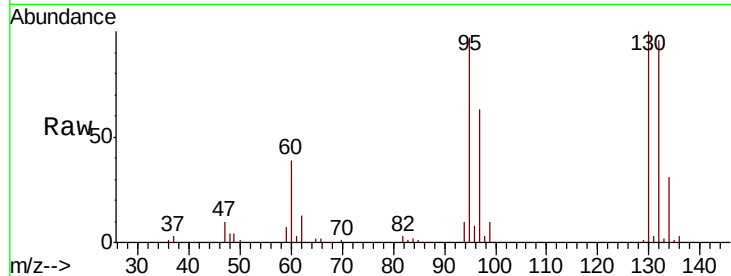




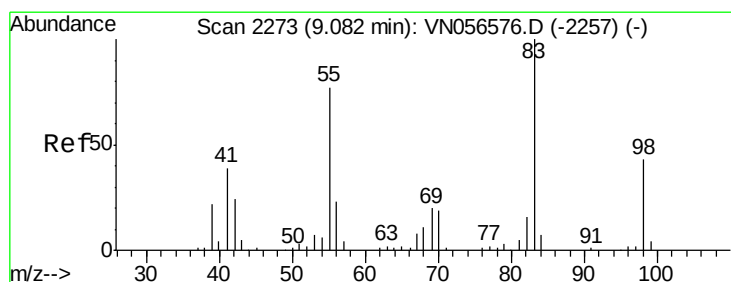
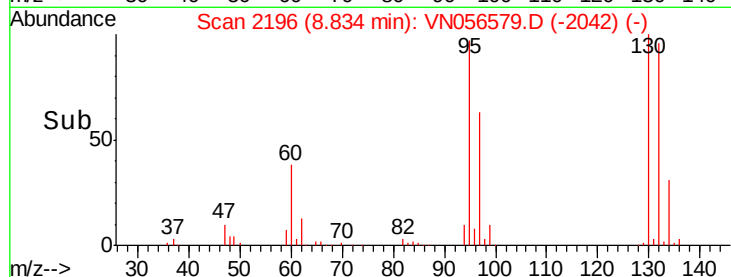
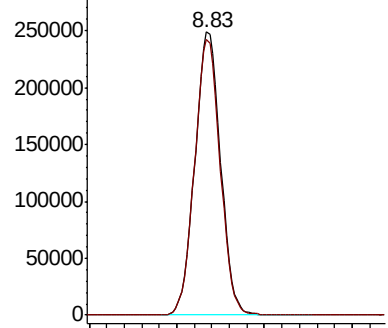
#37
 Trichloroethene
 Concen: 151.045 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tgt Ion:130 Resp: 506393
 Ion Ratio Lower Upper
 130 100
 95 97.5 73.0 109.6

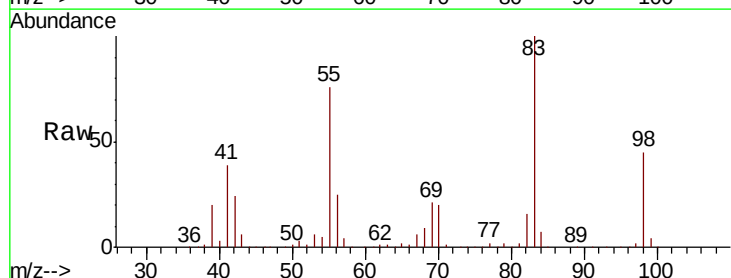


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

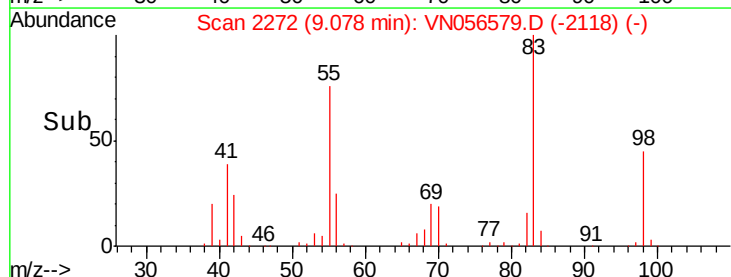
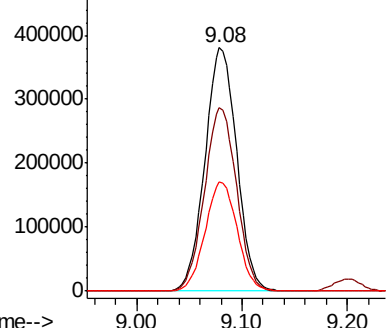


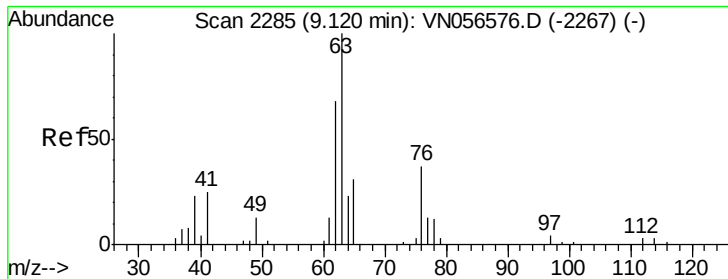
#38
 Methylcyclohexane
 Concen: 166.673 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 83 Resp: 794542
 Ion Ratio Lower Upper
 83 100
 55 76.0 37.5 112.7
 98 45.5 23.1 69.3



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

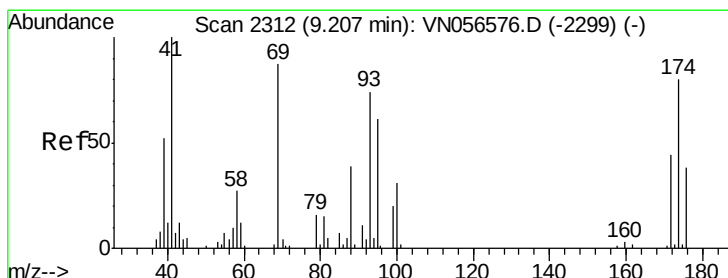
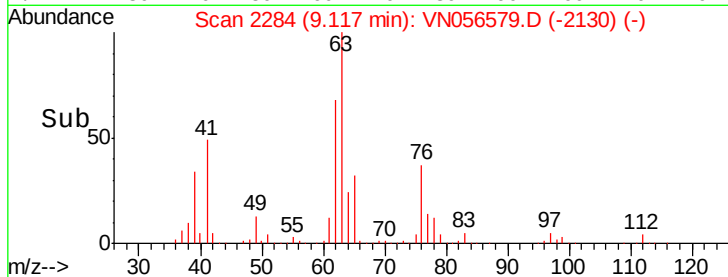
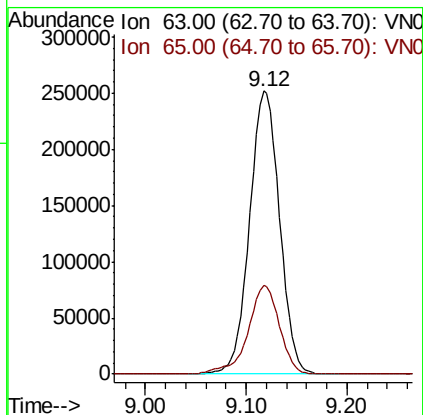
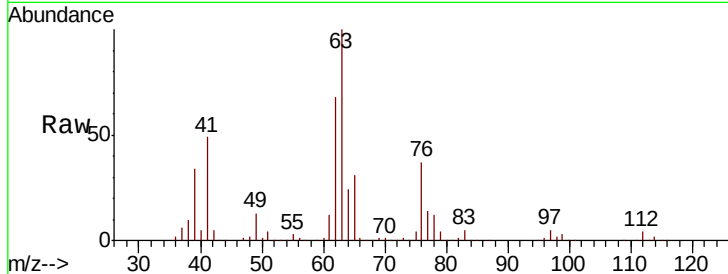




#39
 1,2-Dichloropropane
 Concen: 168.565 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

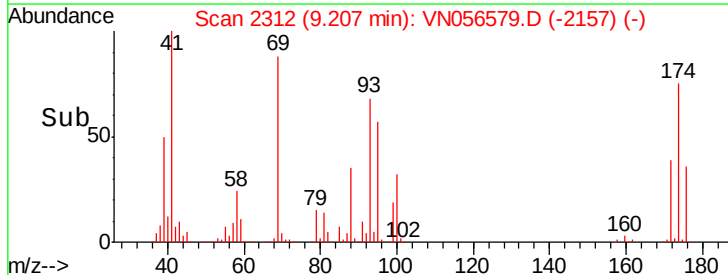
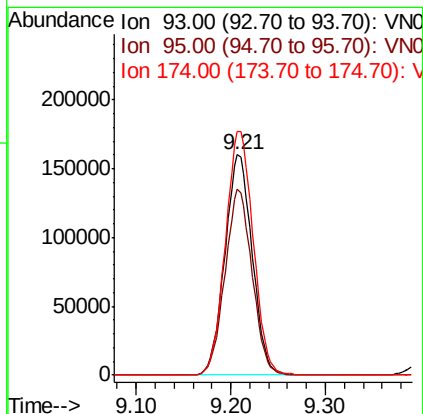
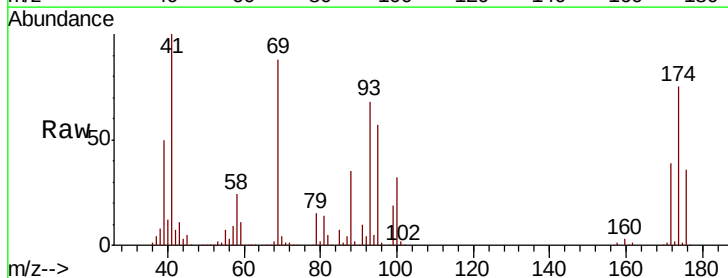
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

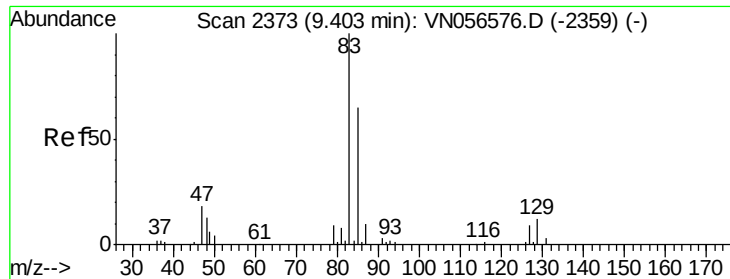
Tgt Ion: 63 Resp: 517243
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.1 34.7



#40
 Dibromomethane
 Concen: 158.088 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 93 Resp: 321637
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 169.0
 174 112.2 0.0 246.4





#41

Bromodichloromethane

Concen: 171.894 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

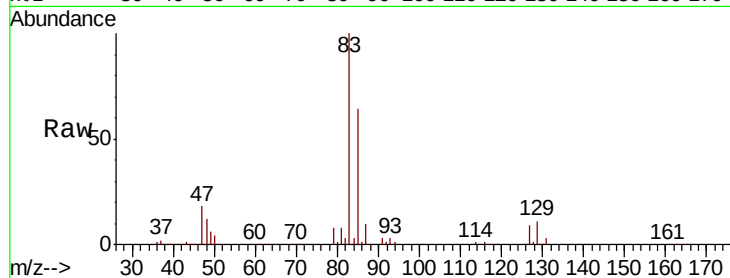
Tgt Ion: 83 Resp: 626234

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6

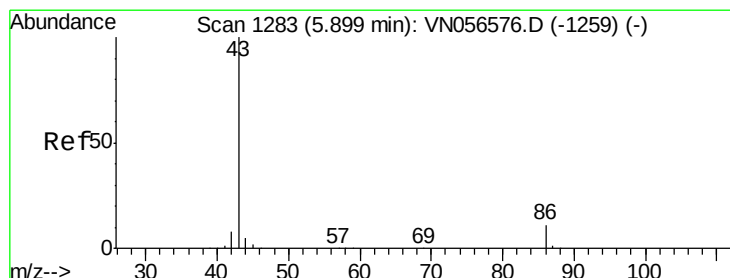
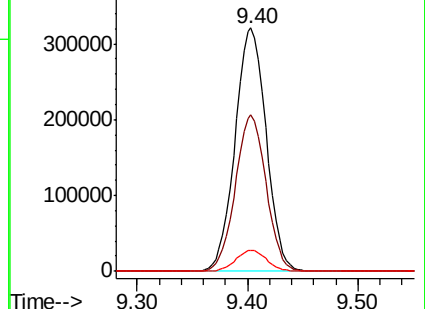
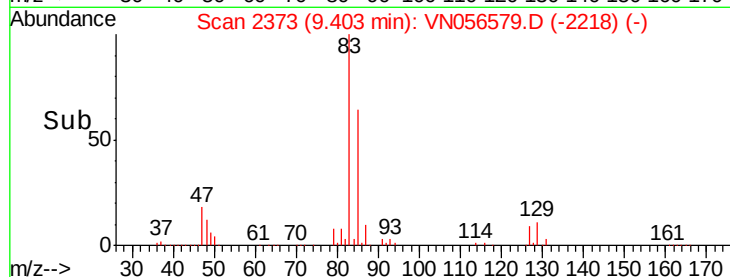
127 8.6 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VN056579.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN056579.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN056579.D (-2218) (-)



#42

Vinyl Acetate

Concen: 890.647 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056579.D

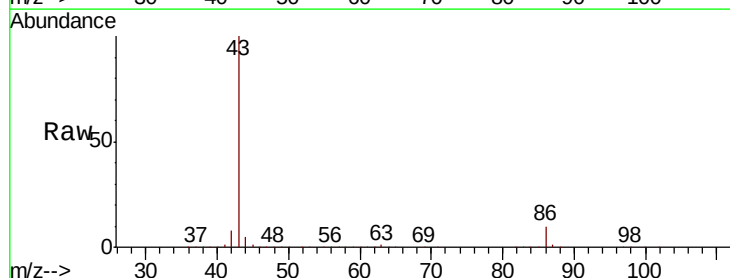
Acq: 3 Jul 2019 10:42

Tgt Ion: 43 Resp: 6285762

Ion Ratio Lower Upper

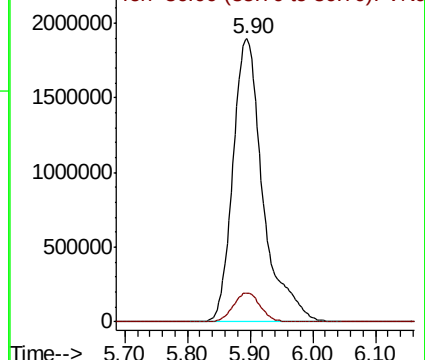
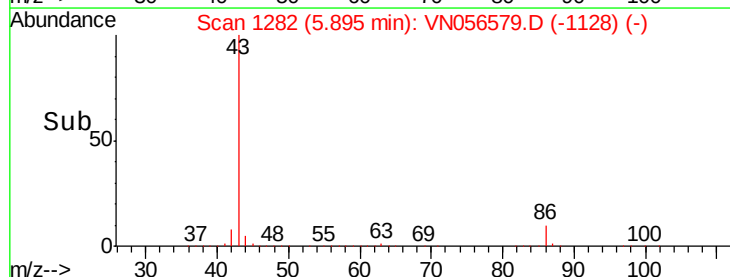
43 100

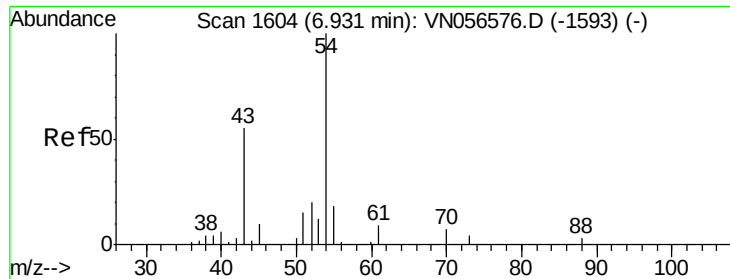
86 9.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN056579.D (-1128) (-)

Ion 86.00 (85.70 to 86.70): VN056579.D (-1128) (-)

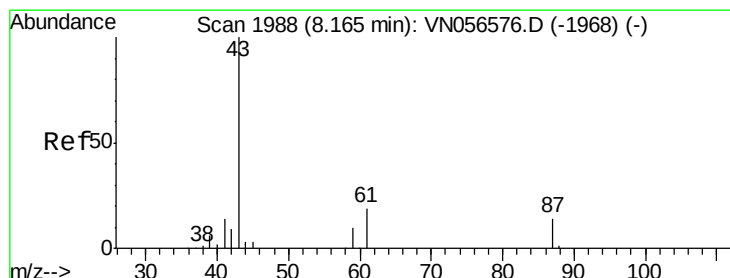
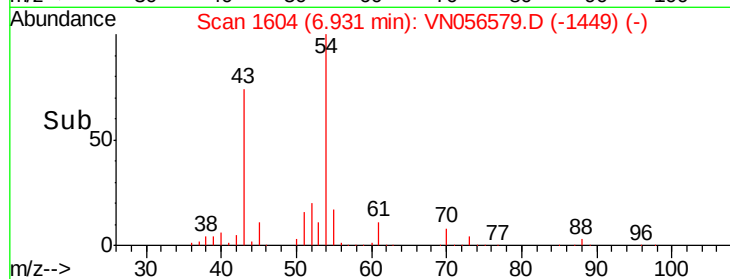
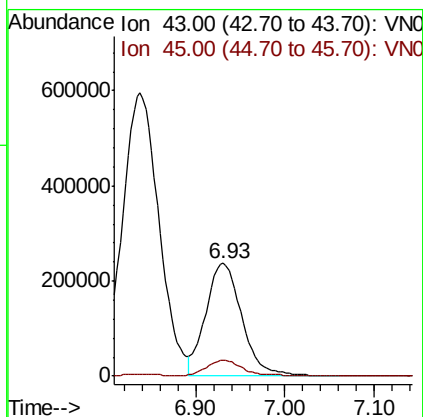
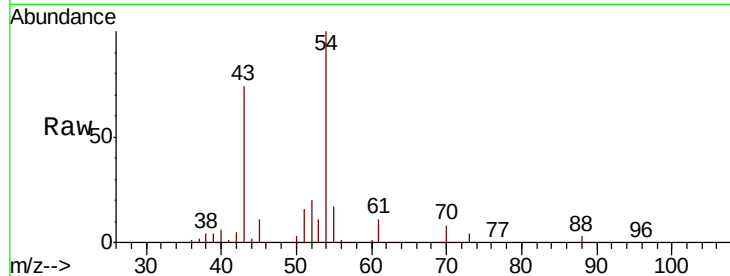




#43
 Ethyl Acetate
 Concen: 174.156 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

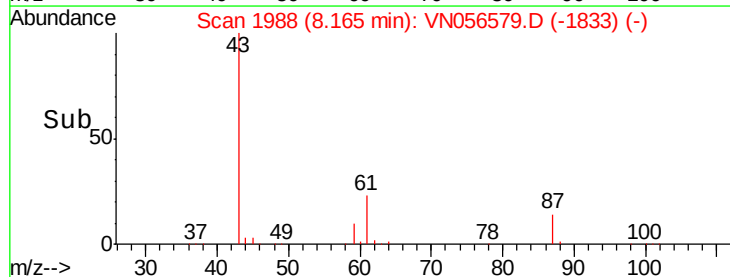
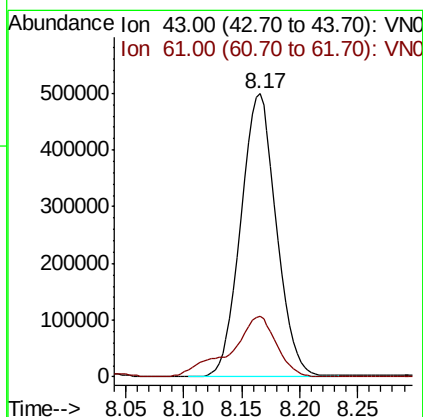
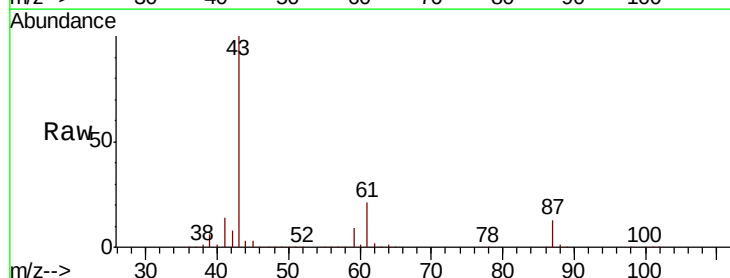
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

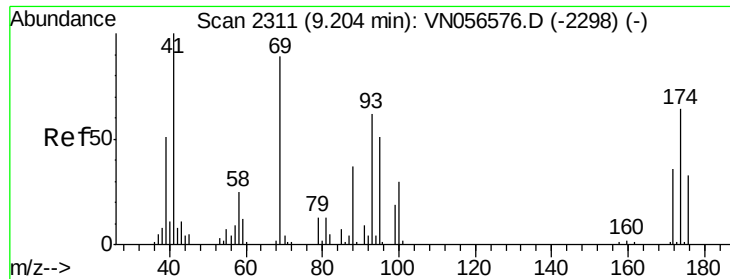
Tgt Ion: 43 Resp: 659809
 Ion Ratio Lower Upper
 43 100
 45 14.9 12.3 18.5



#44
 Isopropyl Acetate
 Concen: 181.226 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 43 Resp: 1066048
 Ion Ratio Lower Upper
 43 100
 61 27.4 16.9 25.3#

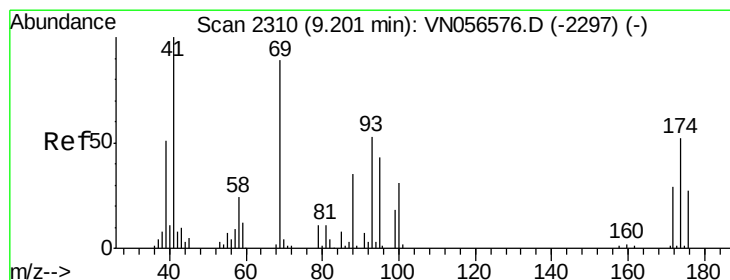
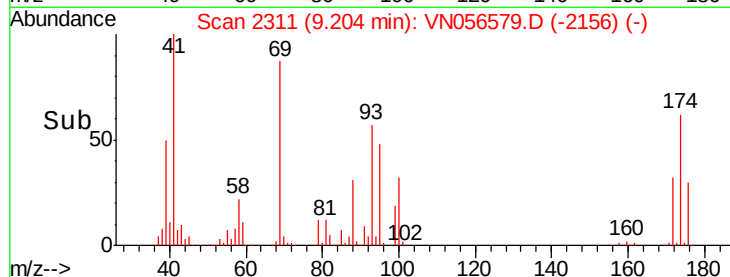
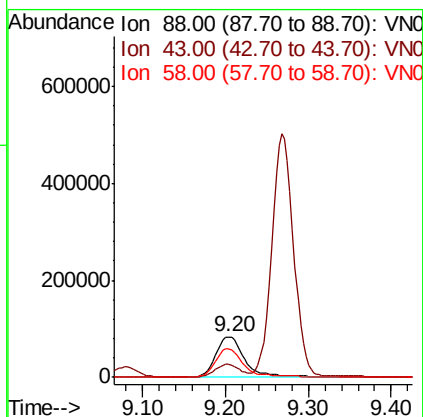
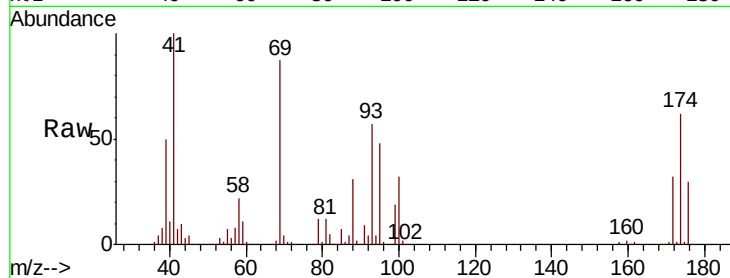




#45
 1,4-Dioxane
 Concen: 3291.762 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

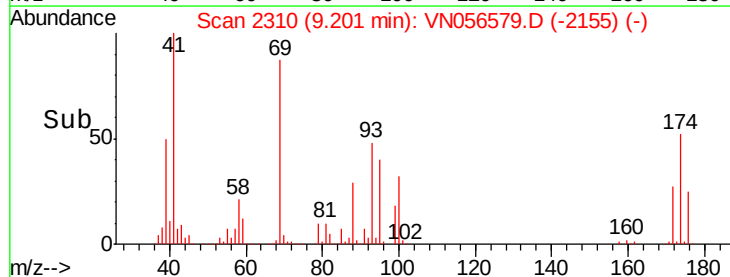
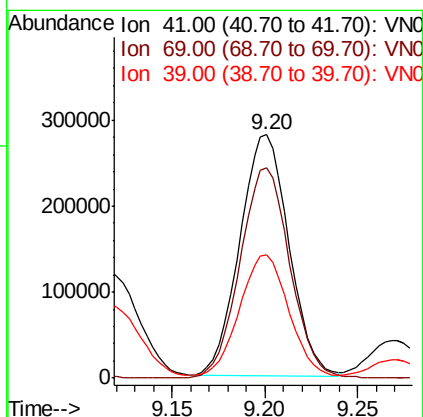
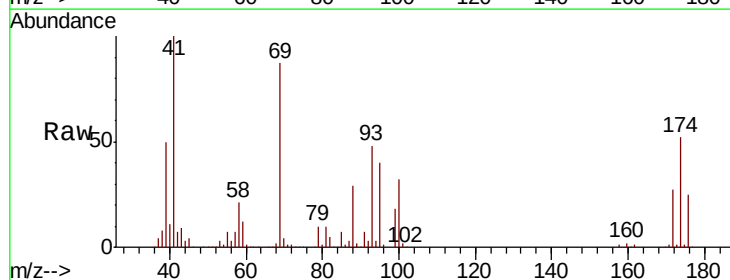
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

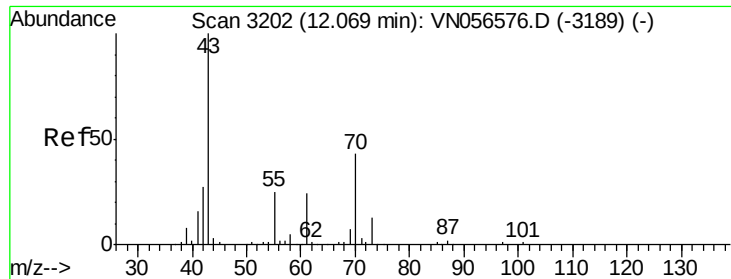
Tgt Ion: 88 Resp: 207139
 Ion Ratio Lower Upper
 88 100
 43 26.6 19.8 29.6
 58 66.3 48.5 72.7



#46
 Methyl methacrylate
 Concen: 177.634 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 41 Resp: 519097
 Ion Ratio Lower Upper
 41 100
 69 87.3 46.0 137.8
 39 50.0 24.6 73.8

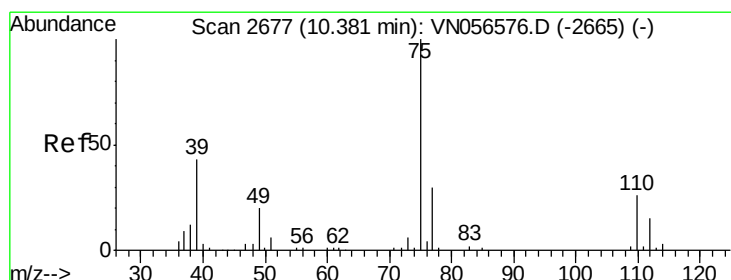
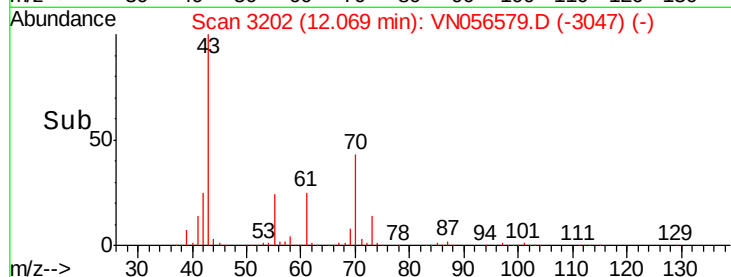
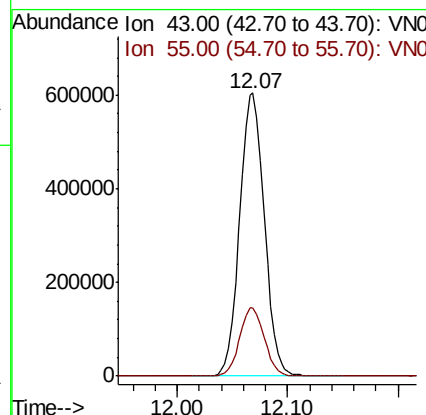
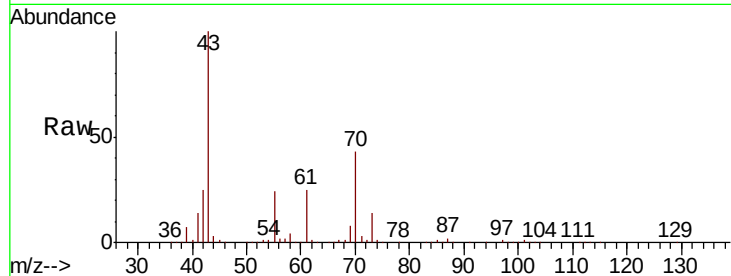




#47
n-amyl Acetate
Concen: 192.132 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

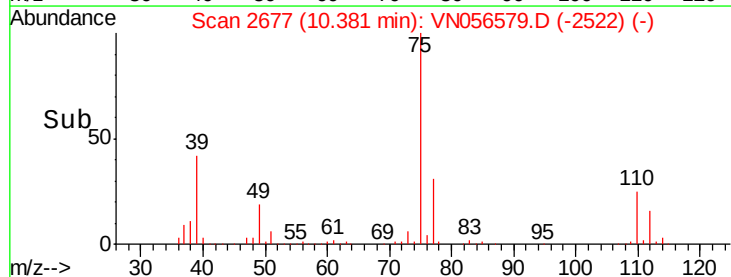
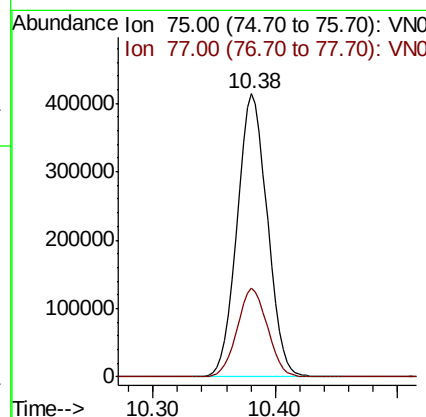
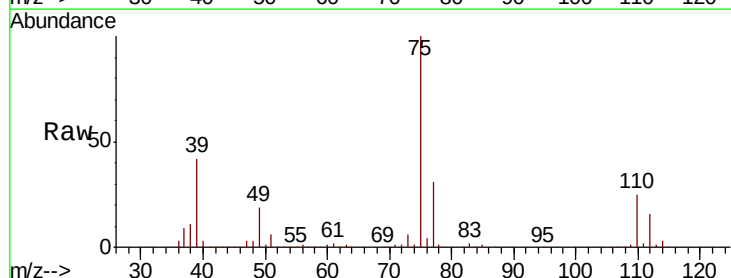
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

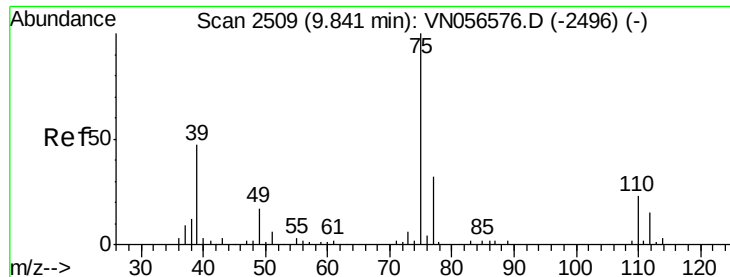
Tgt Ion: 43 Resp: 934663
Ion Ratio Lower Upper
43 100
55 24.5 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 185.589 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 75 Resp: 711550
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0



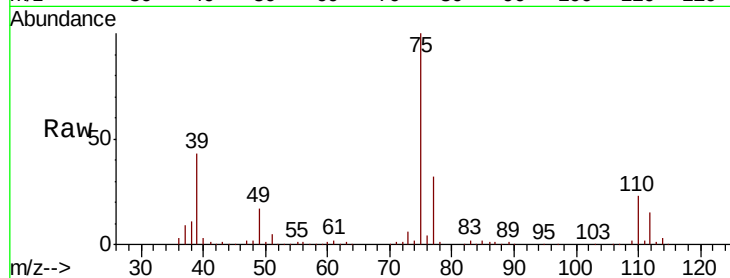


#49

cis-1,3-Dichloropropene
Concen: 176.000 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.1	37.7
39	43.2	34.3	51.5

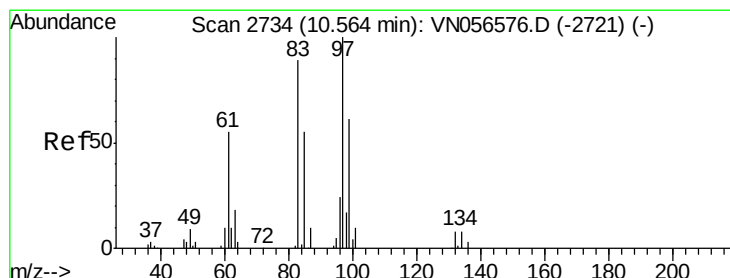
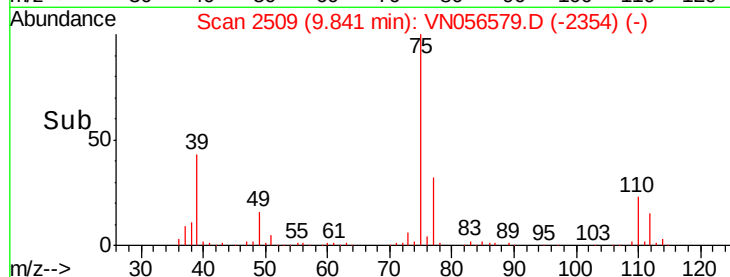
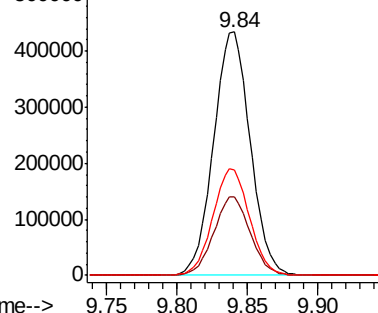


Abundance

Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane
Concen: 156.161 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	66.9	100.3
85	56.0	43.3	64.9
99	63.5	48.6	73.0

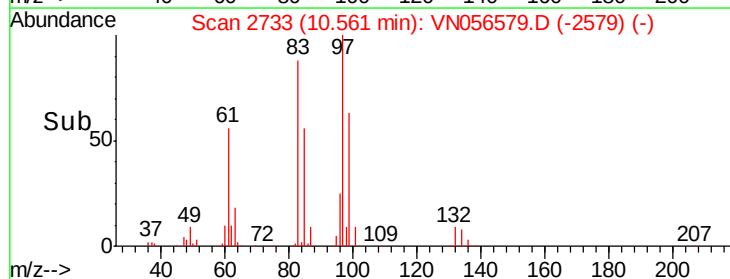
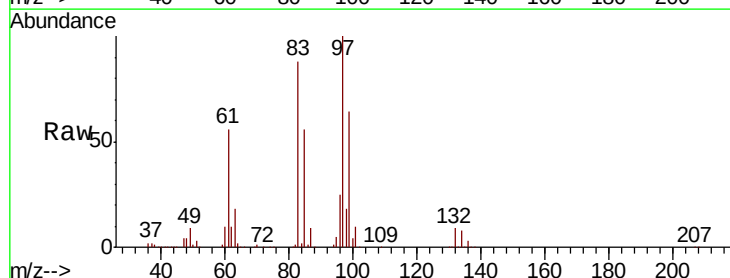
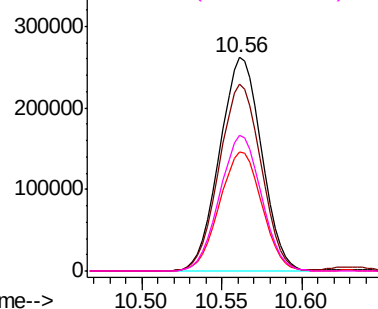
Abundance

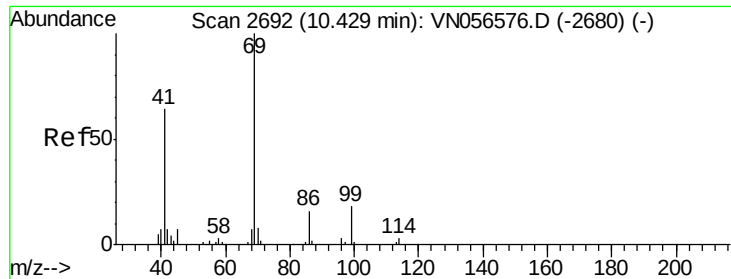
Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 170.653 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

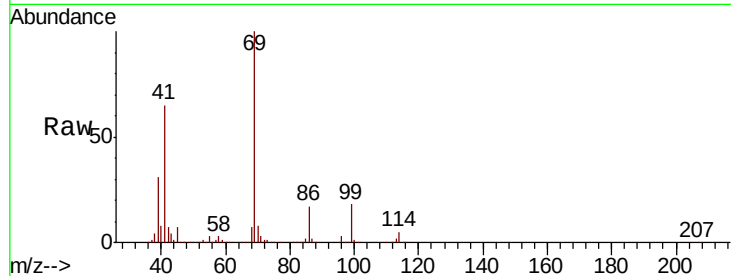
Tgt Ion: 69 Resp: 780191

Ion Ratio Lower Upper

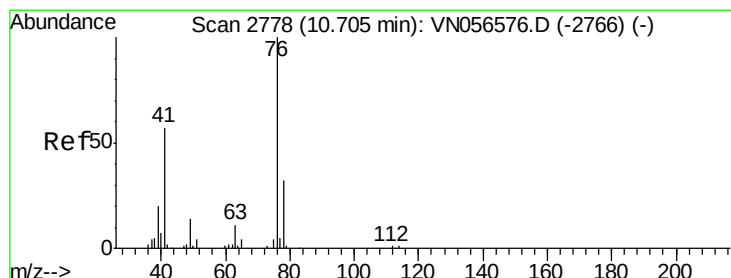
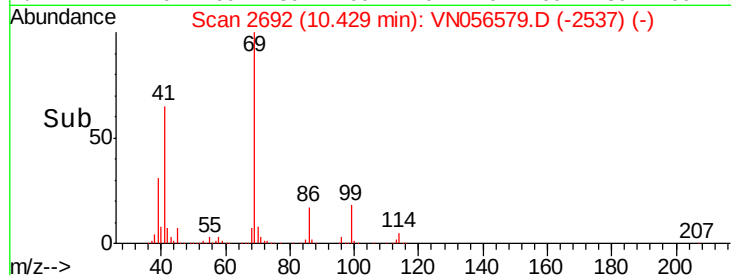
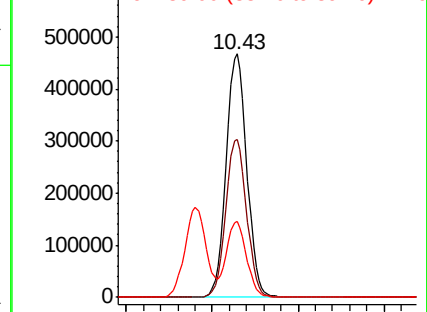
69 100

41 64.9 30.8 92.3

39 30.9 14.5 43.6



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: 163.742 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056579.D

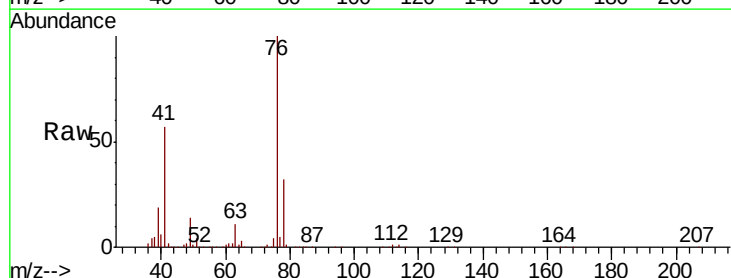
Acq: 3 Jul 2019 10:42

Tgt Ion: 76 Resp: 802189

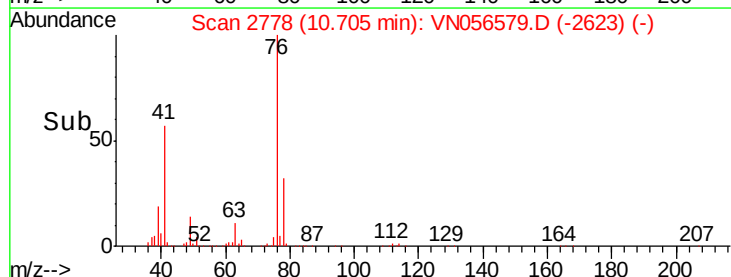
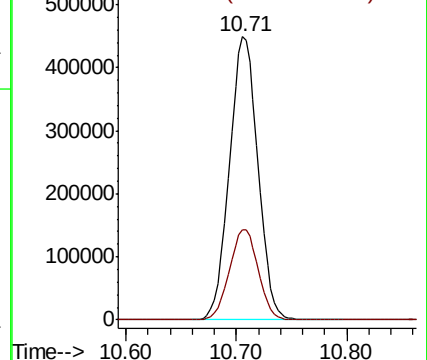
Ion Ratio Lower Upper

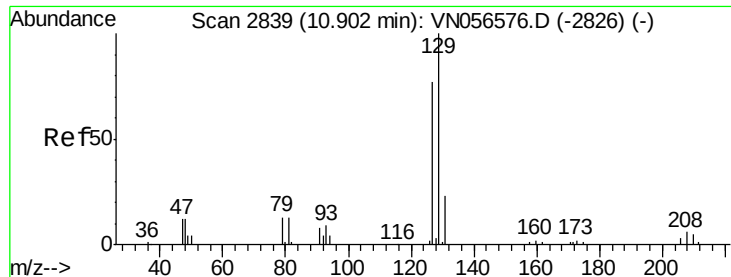
76 100

78 32.4 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0
Ion 78.00 (77.70 to 78.70): VN0

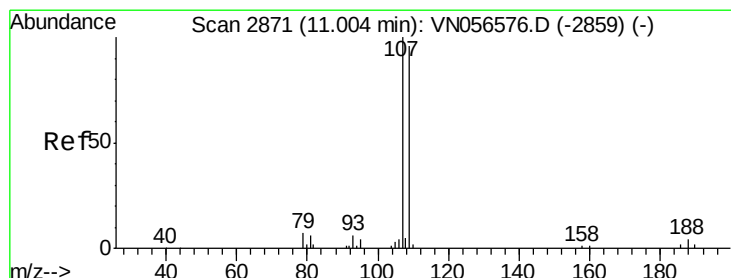
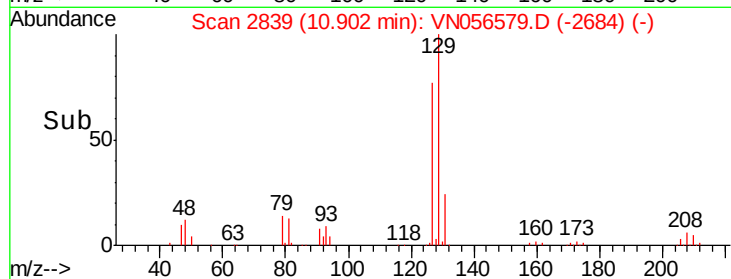
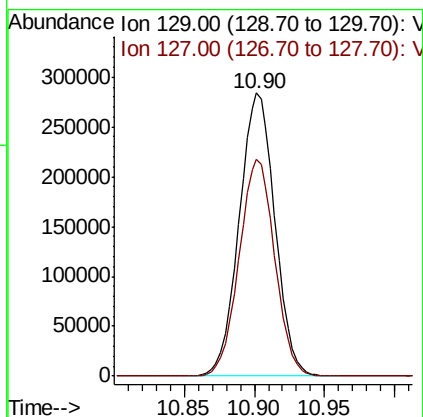
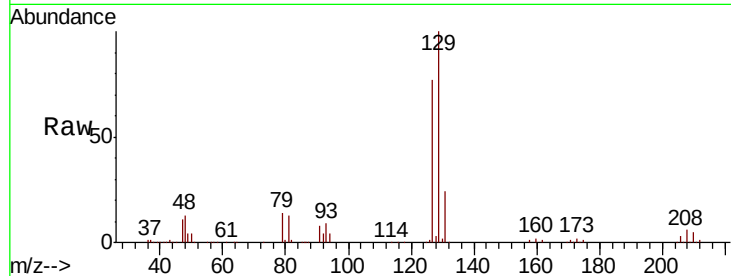




#53
 Dibromochloromethane
 Concen: 170.187 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

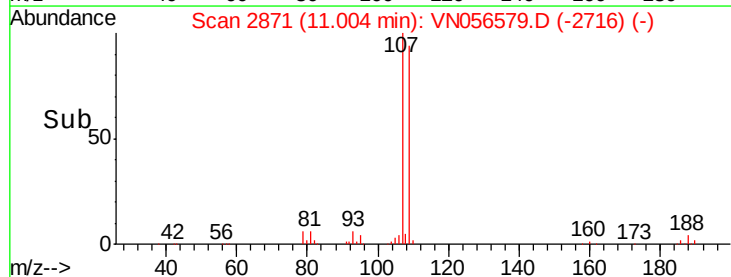
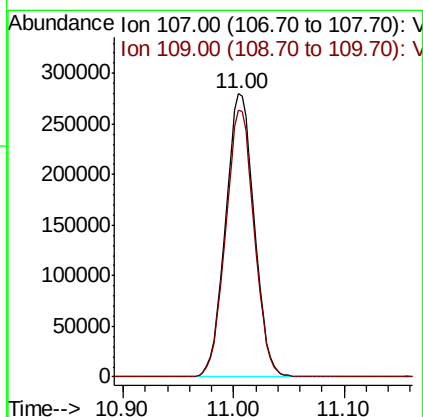
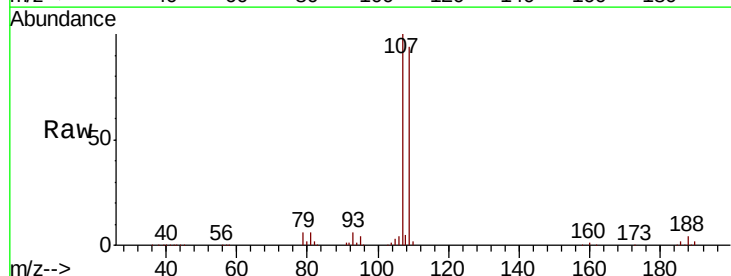
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

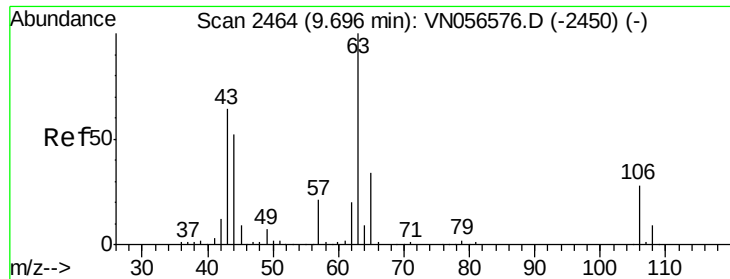
Tgt Ion:129 Resp: 503440
 Ion Ratio Lower Upper
 129 100
 127 76.4 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 160.115 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion:107 Resp: 504905
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.8 115.2



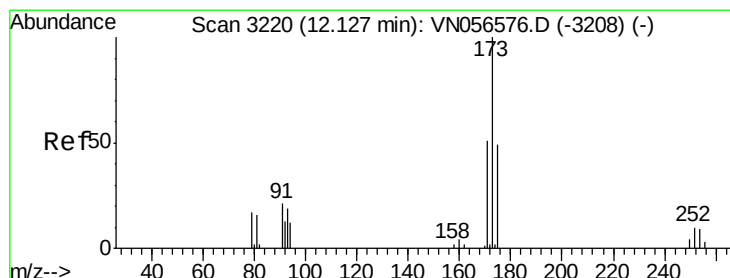
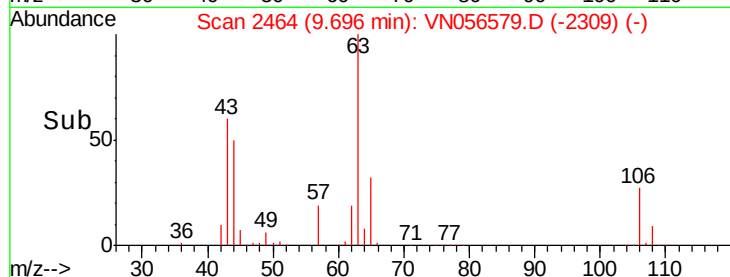
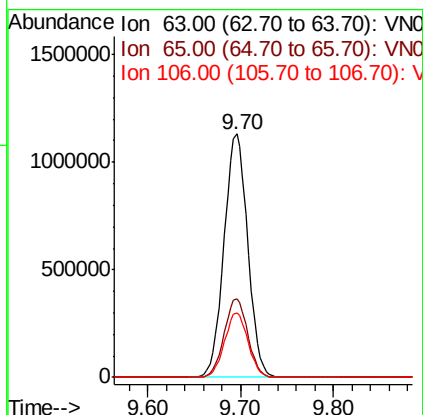
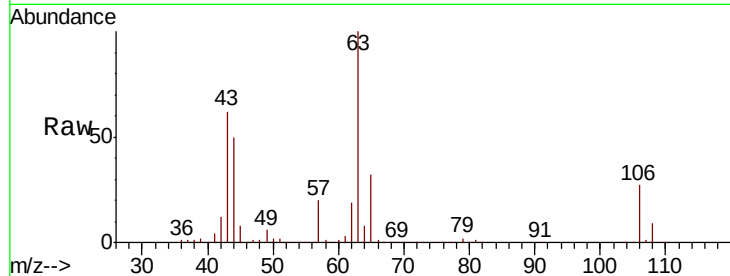


#55
 2-Chloroethyl vinyl ether
 Concen: 1249.419 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 2000775

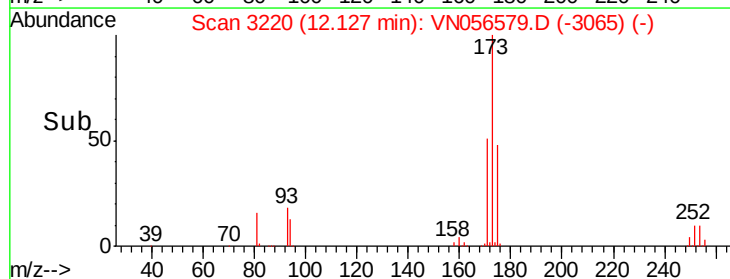
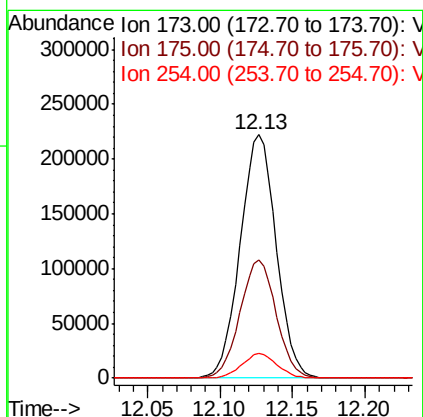
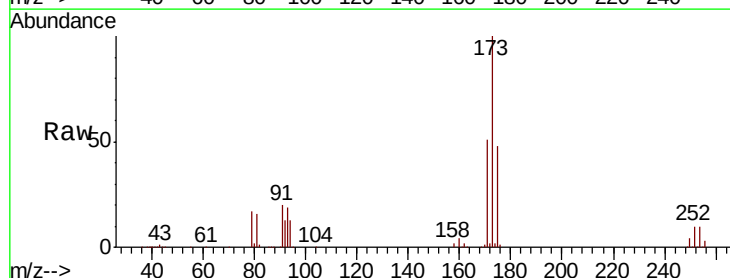
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.5	38.3
106	26.5	23.0	34.4

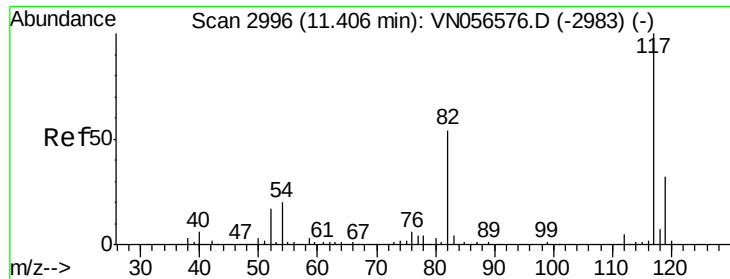


#56
 Bromoform
 Concen: 179.430 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 173 Resp: 383986

Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.7	58.1
254	10.0	6.6	9.8

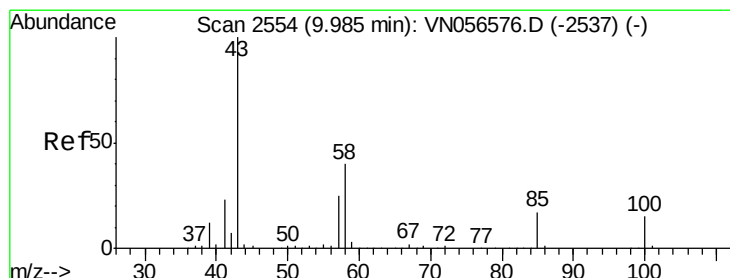
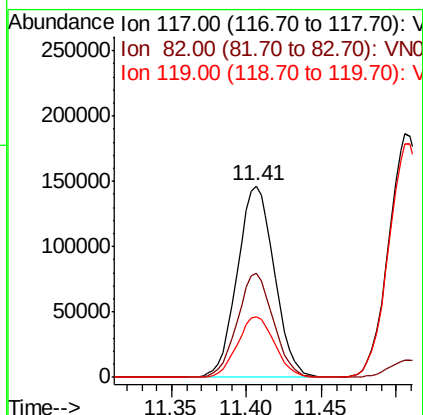
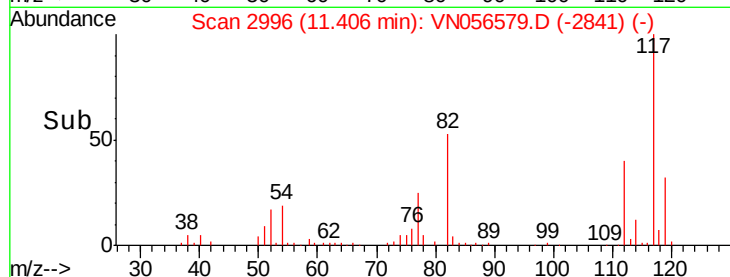
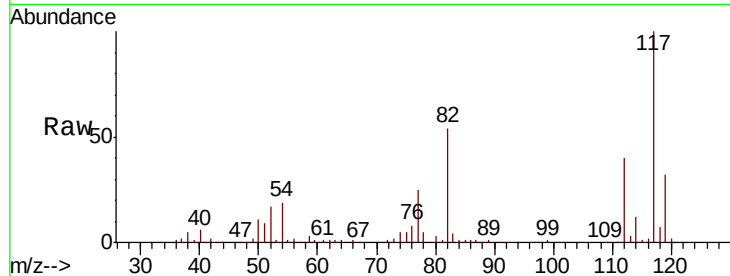




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

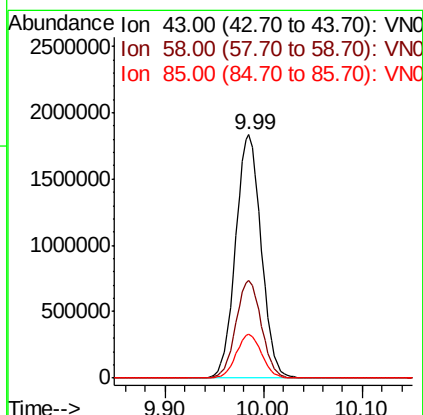
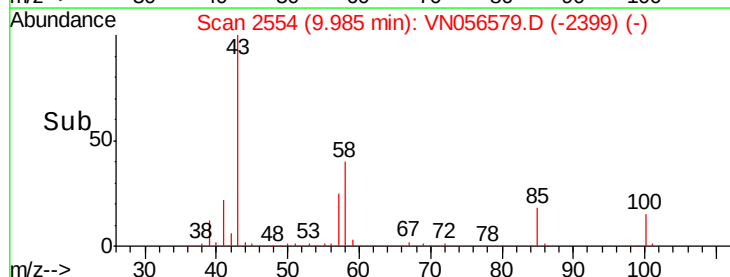
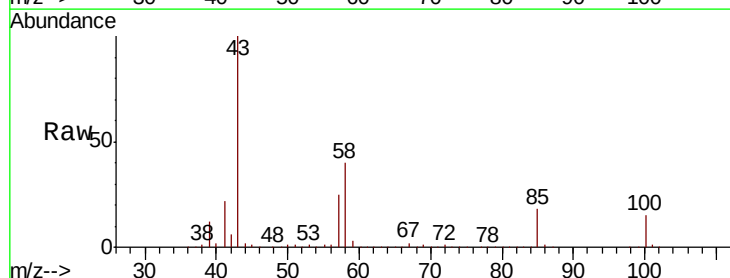
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

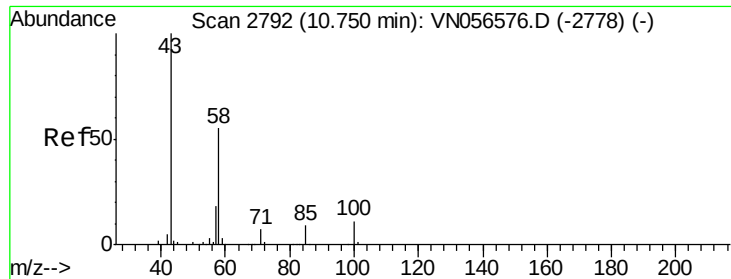
Tgt Ion: 117 Resp: 252027
Ion Ratio Lower Upper
117 100
82 53.2 41.2 61.8
119 31.9 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 865.135 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 43 Resp: 3301631
Ion Ratio Lower Upper
43 100
58 40.0 33.1 49.7
85 17.9 15.5 23.3

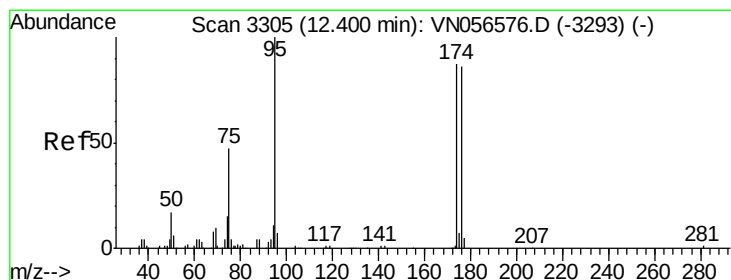
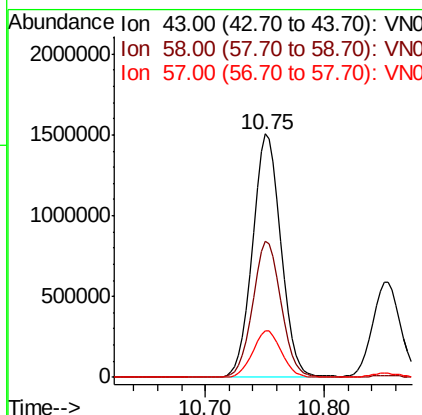
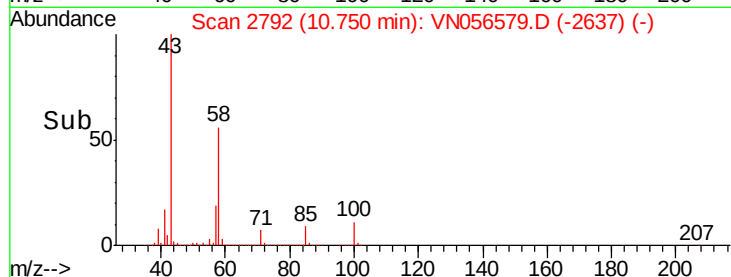
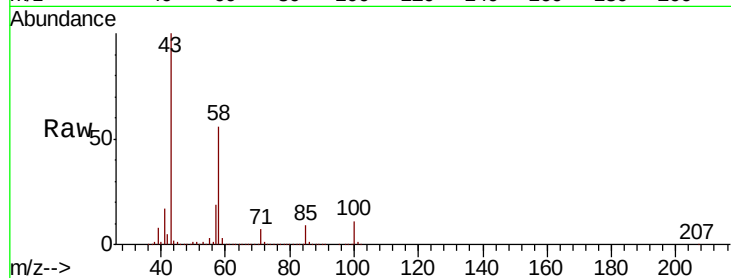




#59
2-Hexanone
Concen: 911.516 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

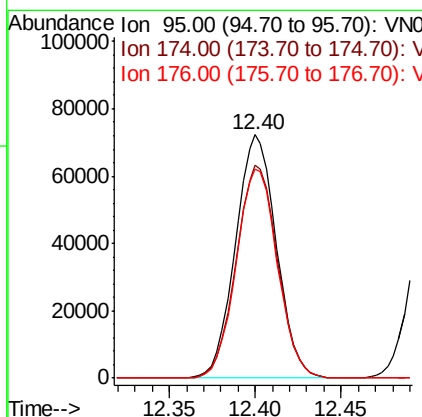
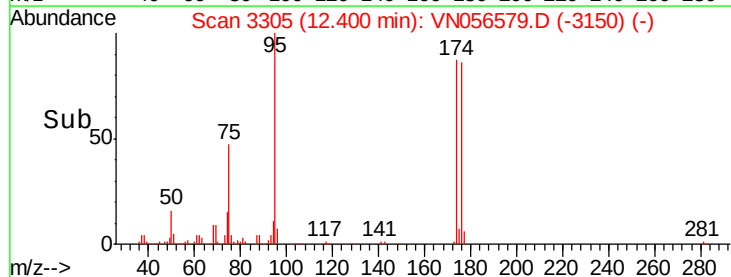
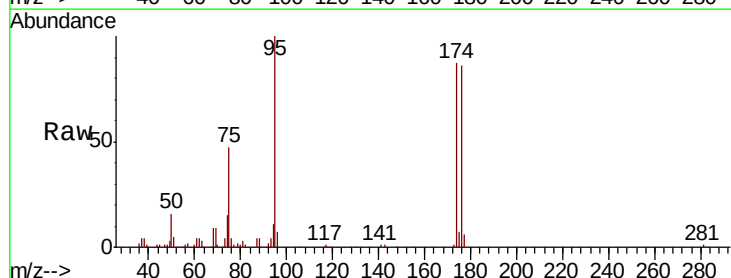
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

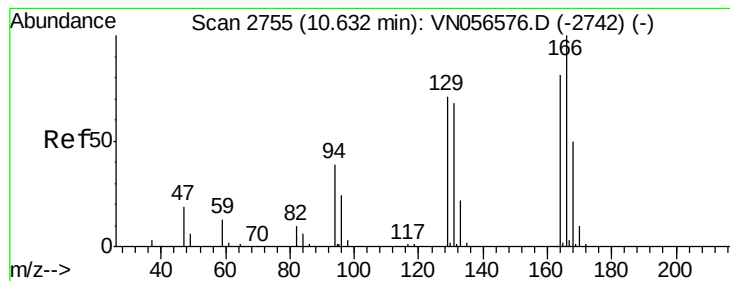
Tgt Ion: 43 Resp: 2486344
Ion Ratio Lower Upper
43 100
58 55.8 45.3 67.9
57 19.3 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 31.951 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion: 95 Resp: 119356
Ion Ratio Lower Upper
95 100
174 88.7 75.4 113.0
176 86.6 73.9 110.9





#61

Tetrachloroethene

Concen: 129.033 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 453232

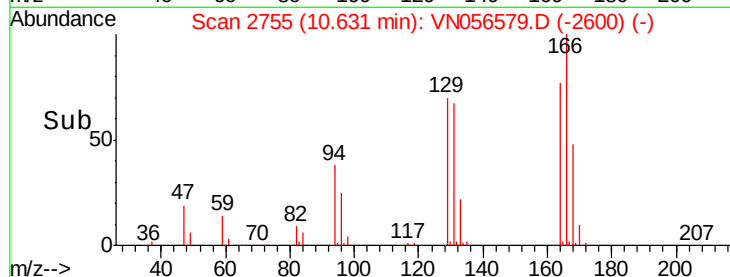
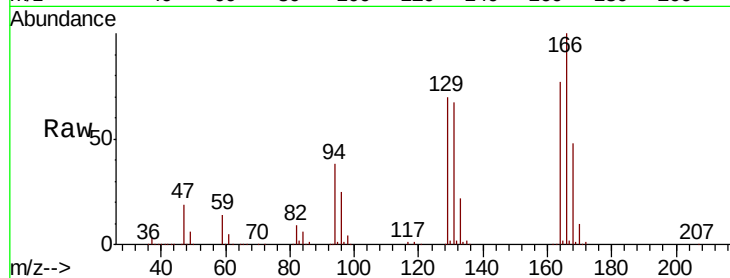
Ion Ratio Lower Upper

164 100

166 129.5 104.3 156.5

129 90.8 71.5 107.3

131 86.7 67.7 101.5

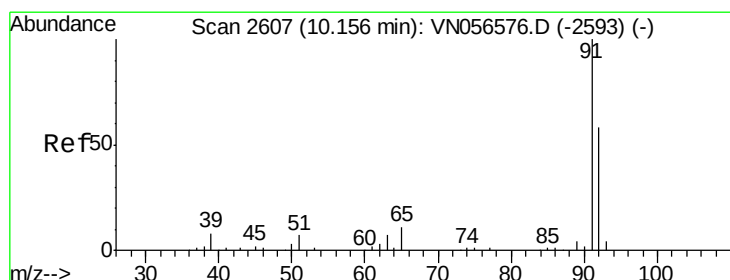
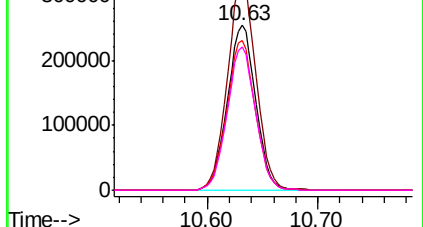


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 150.691 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056579.D

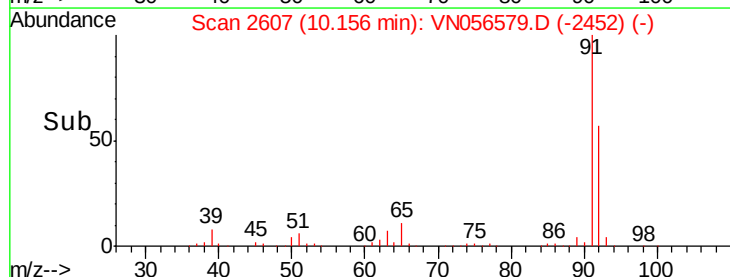
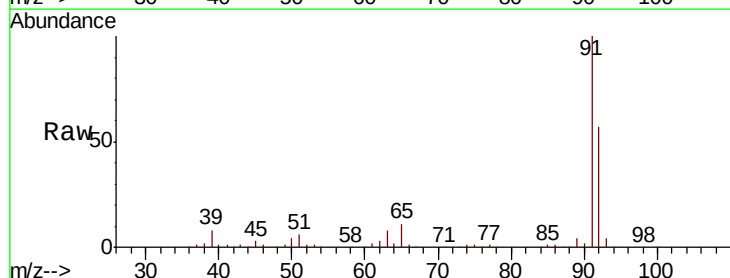
Acq: 3 Jul 2019 10:42

Tgt Ion: 91 Resp: 2050219

Ion Ratio Lower Upper

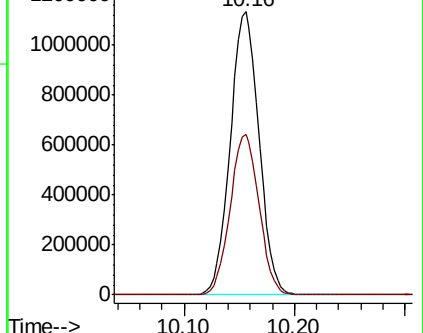
91 100

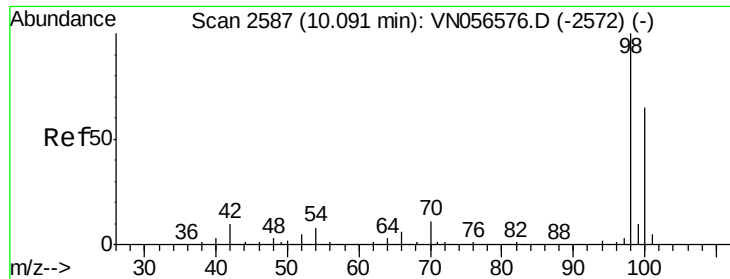
92 57.0 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.832 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

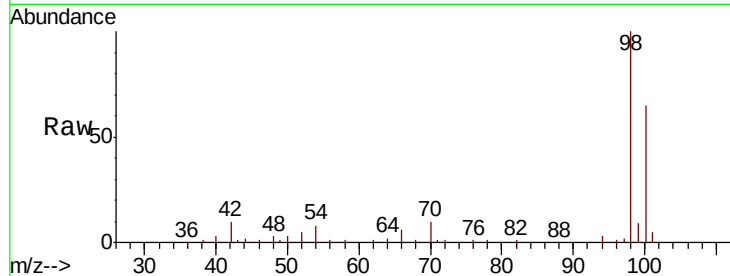
VSTDIC150

Tgt Ion: 98 Resp: 341061

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056576.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN056576.D (-2572) (-)

200000

150000

100000

50000

0

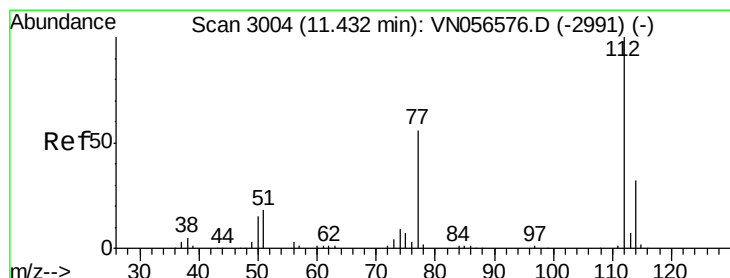
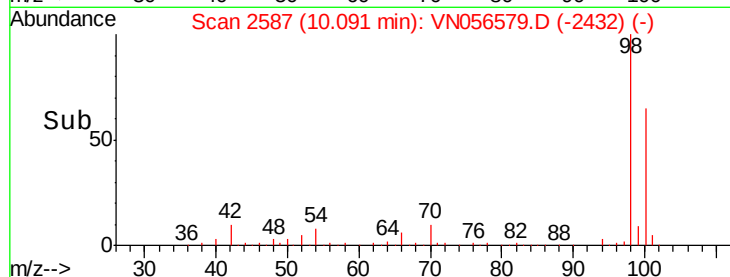
10.09

10.05

10.10

10.15

Time-->



#64

Chlorobenzene

Concen: 152.501 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056579.D

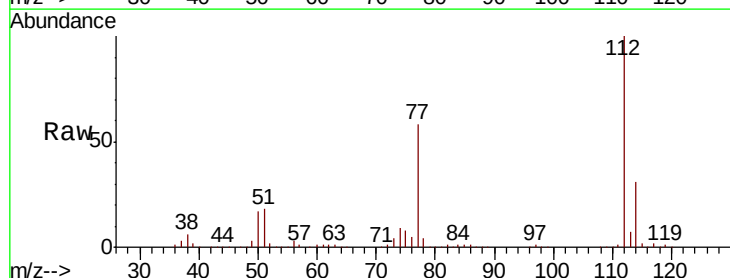
Acq: 3 Jul 2019 10:42

Tgt Ion: 112 Resp: 1258523

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): VN056576.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN056576.D (-2991) (-)

800000

600000

400000

200000

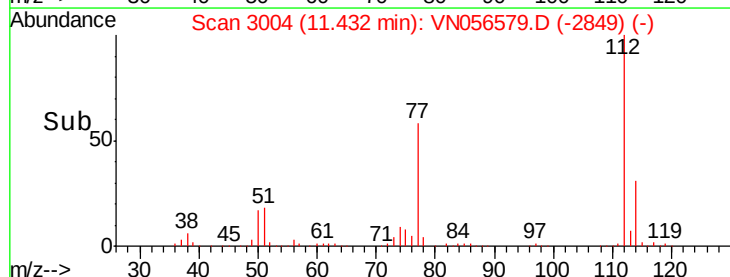
0

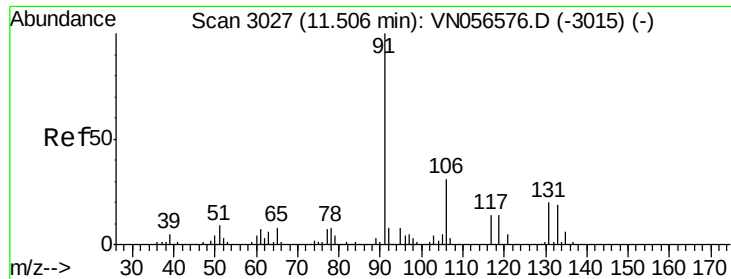
11.43

11.40

11.50

Time-->

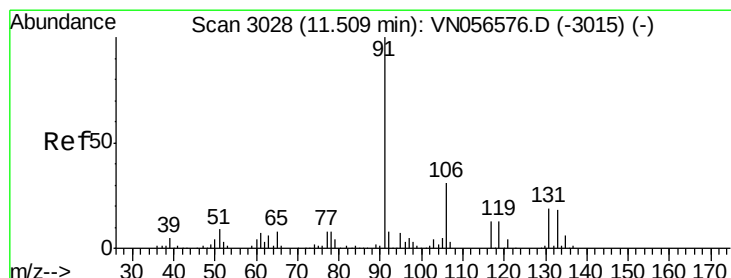
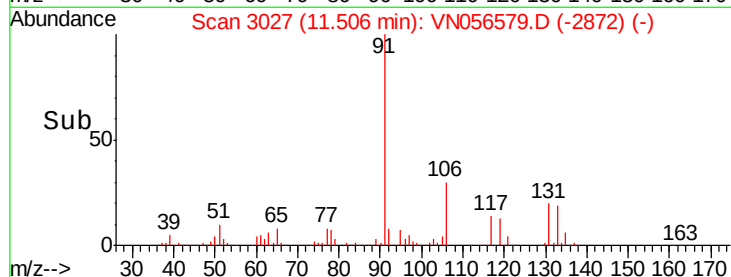
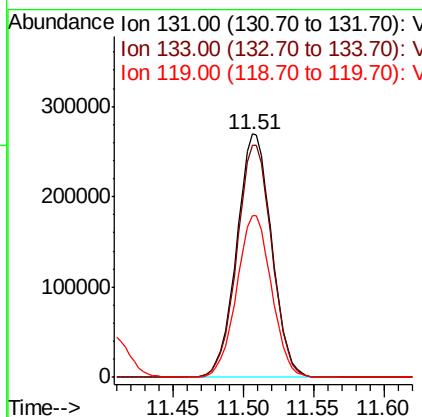
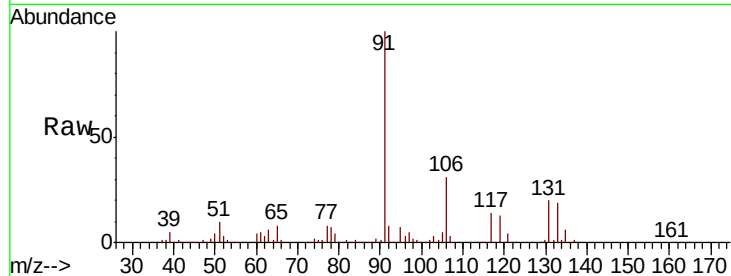




#65
 1,1,1,2-Tetrachloroethane
 Concen: 156.828 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

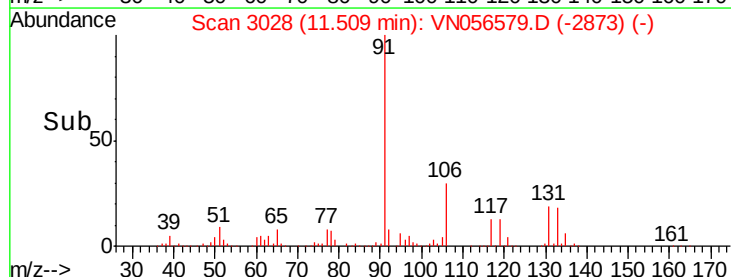
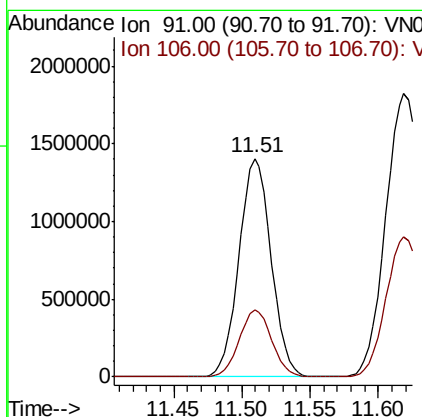
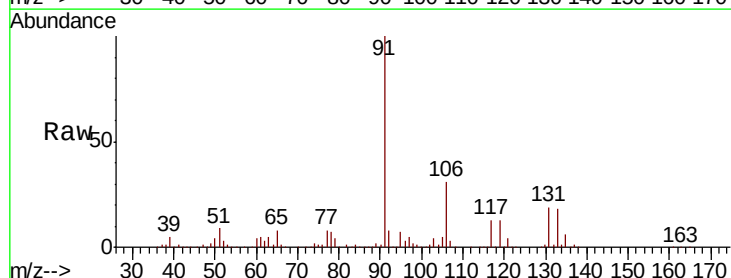
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

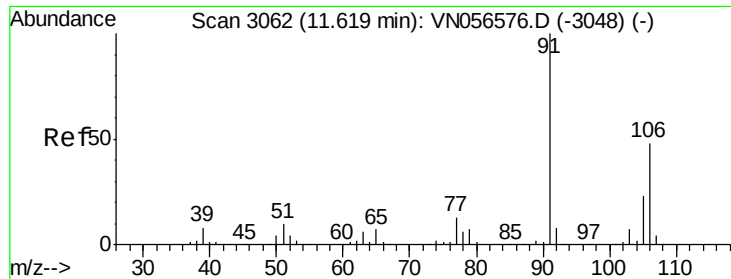
Tgt Ion:131 Resp: 466688
 Ion Ratio Lower Upper
 131 100
 133 95.5 0.0 193.8
 119 66.5 0.0 134.4



#66
 Ethyl Benzene
 Concen: 158.601 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 91 Resp: 2298306
 Ion Ratio Lower Upper
 91 100
 106 30.7 25.7 38.5





#67

m/p-Xylenes

Concen: 307.779 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

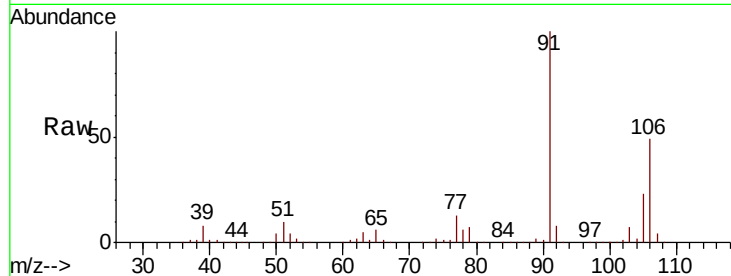
VSTDIC150

Tgt Ion:106 Resp: 1707137

Ion Ratio Lower Upper

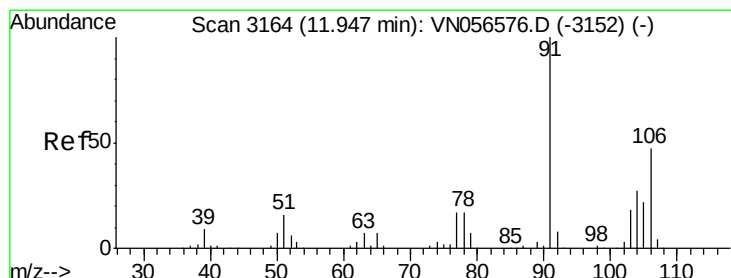
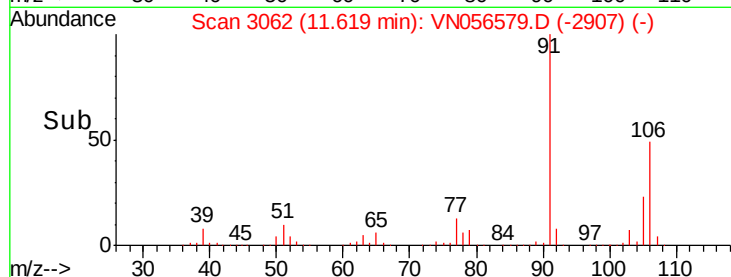
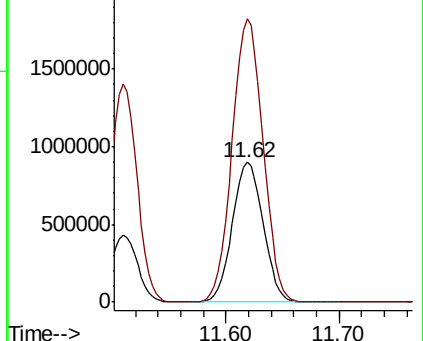
106 100

91 203.0 155.7 233.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 152.509 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN056579.D

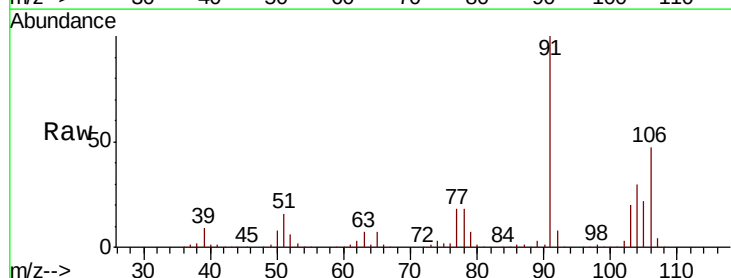
Acq: 3 Jul 2019 10:42

Tgt Ion:106 Resp: 828143

Ion Ratio Lower Upper

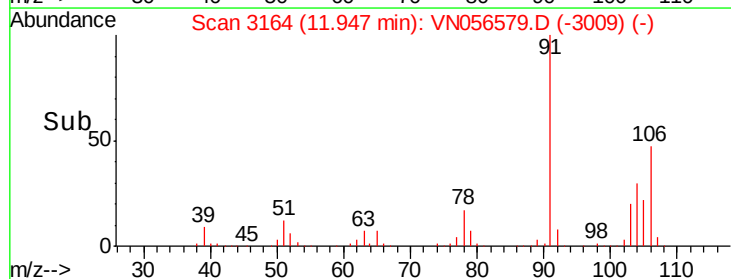
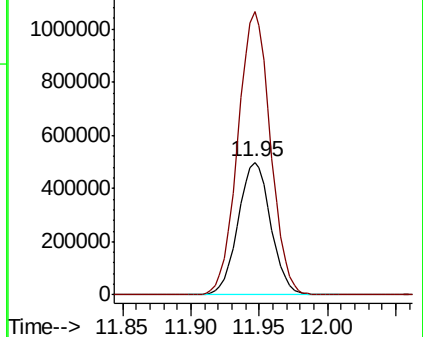
106 100

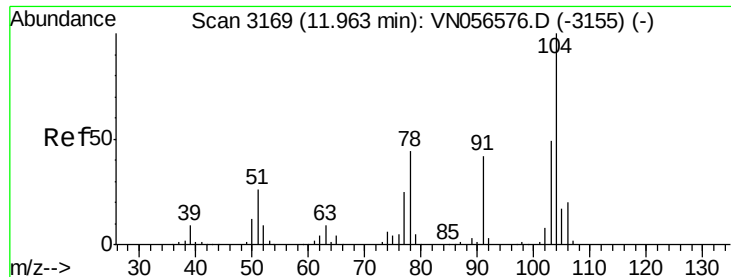
91 212.9 103.9 311.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

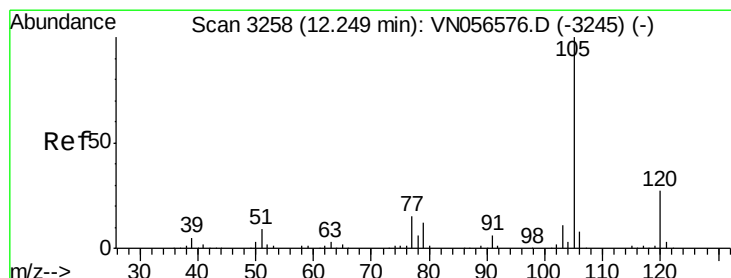
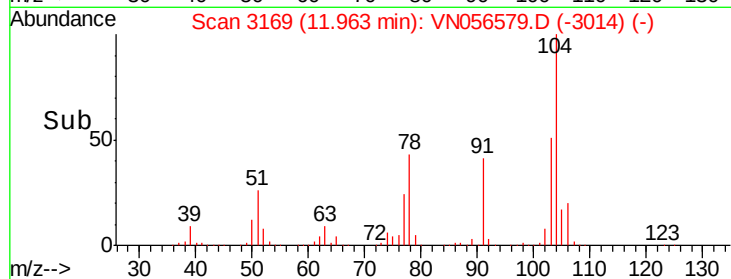
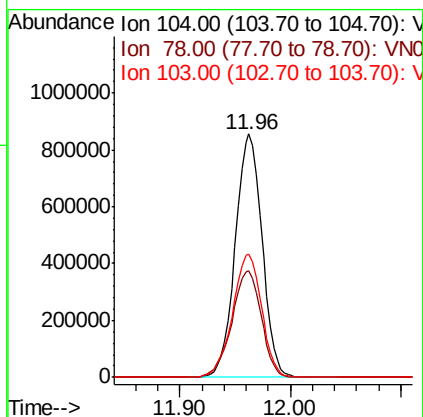
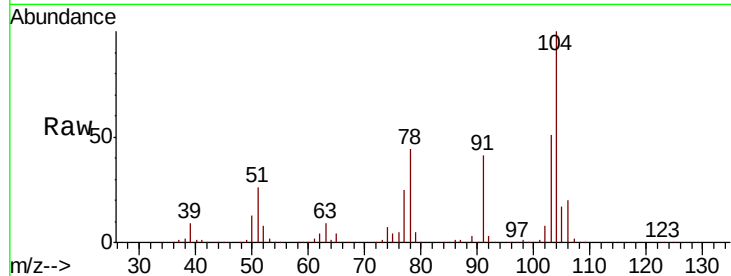




#69
Styrene
Concen: 163.357 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

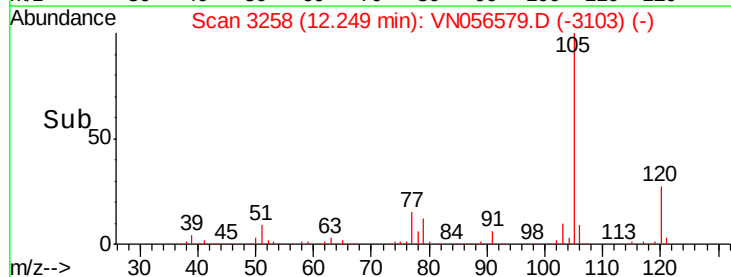
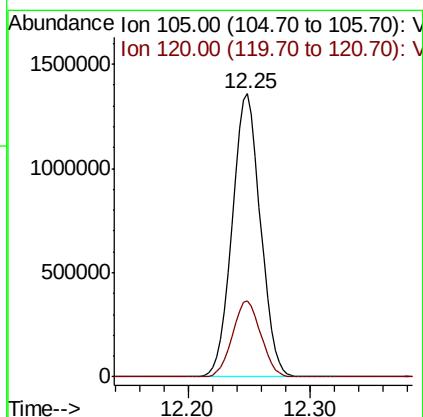
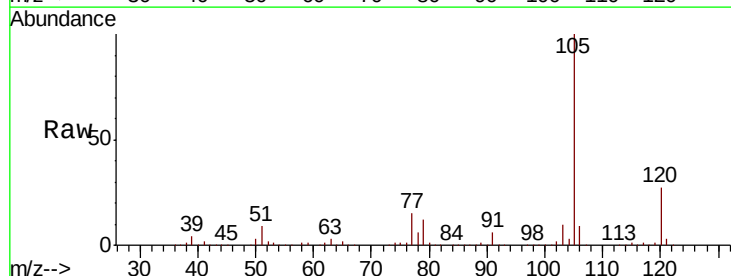
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

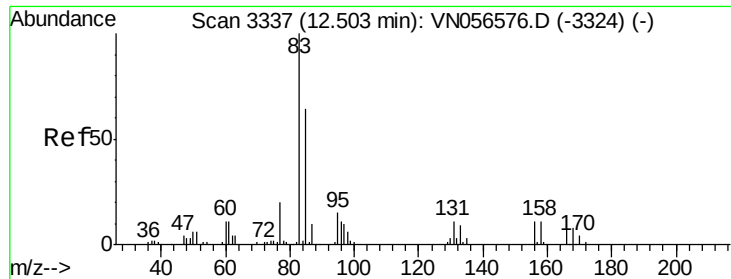
Tgt Ion:104 Resp: 1441203
Ion Ratio Lower Upper
104 100
78 48.2 37.0 55.6
103 54.7 44.4 66.6



#70
Isopropylbenzene
Concen: 153.902 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion:105 Resp: 2183488
Ion Ratio Lower Upper
105 100
120 27.0 19.3 35.8

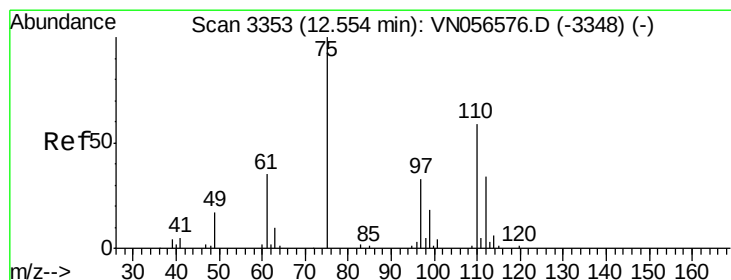
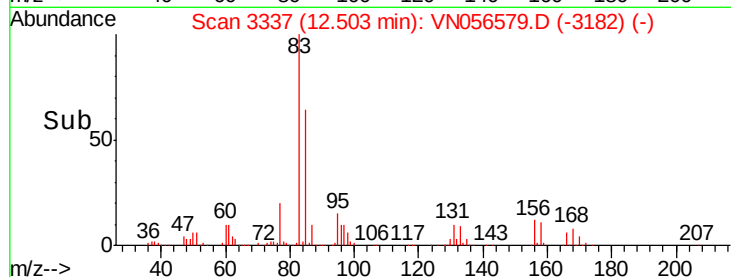
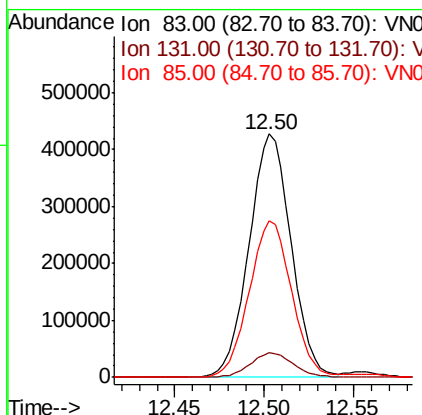
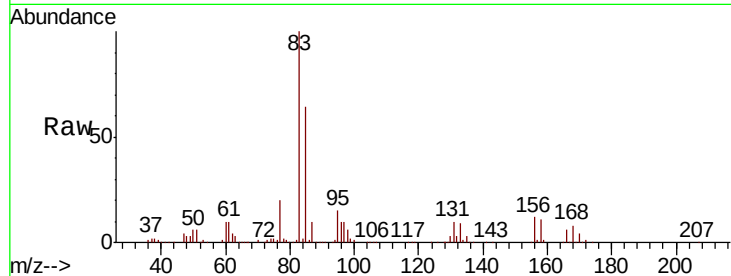




#71
 1,1,2,2-Tetrachloroethane
 Concen: 164.779 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

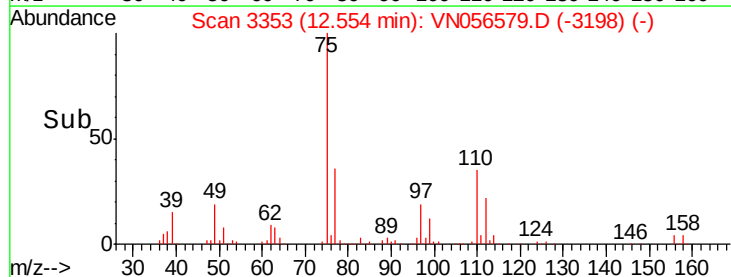
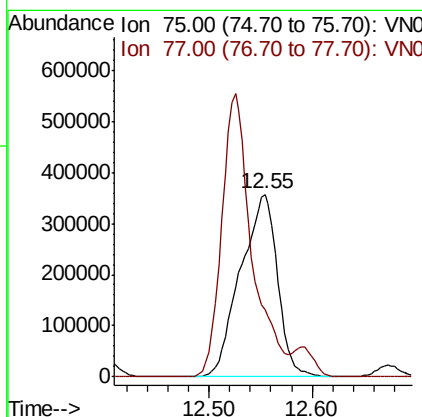
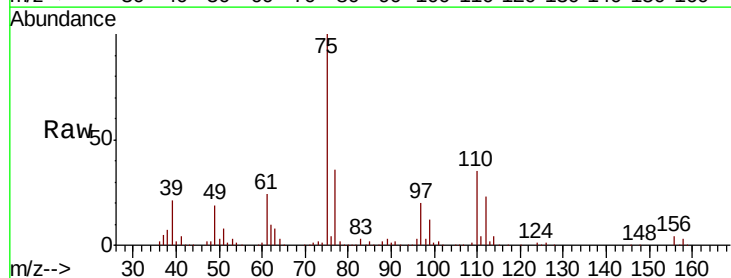
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

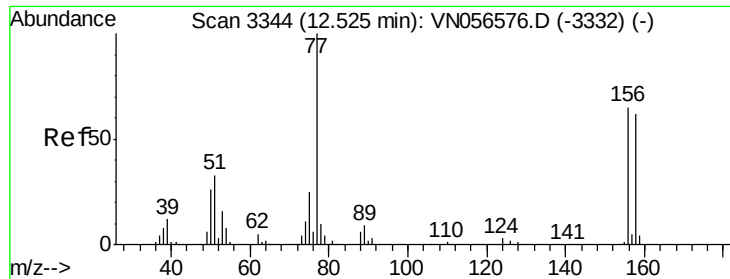
Tgt Ion: 83 Resp: 704834
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.2 15.6
 85 64.6 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 239.723 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion: 75 Resp: 887690
 Ion Ratio Lower Upper
 75 100
 77 127.2 0.0 350.0





#73

Bromobenzene

Concen: 152.446 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

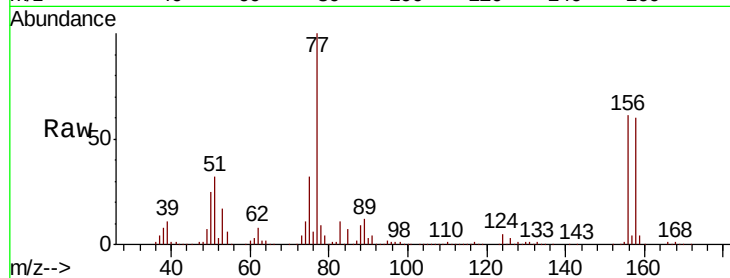
Tgt Ion:156 Resp: 574084

Ion Ratio Lower Upper

156 100

77 196.7 0.0 350.8

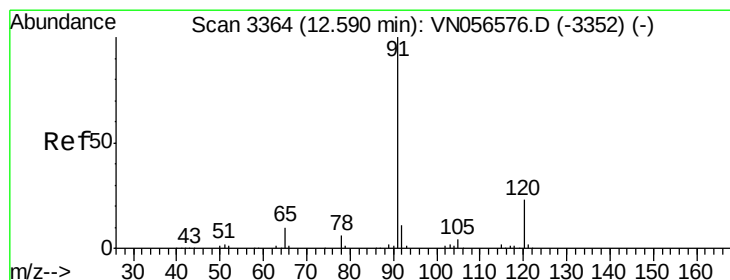
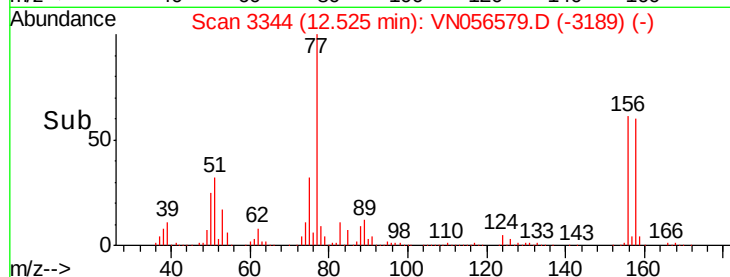
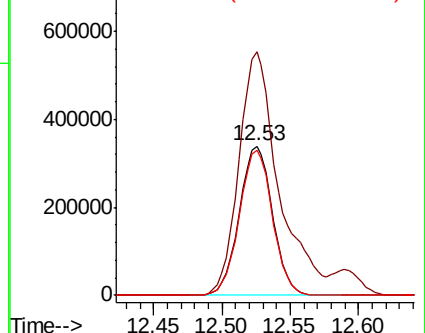
158 96.8 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 170.614 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056579.D

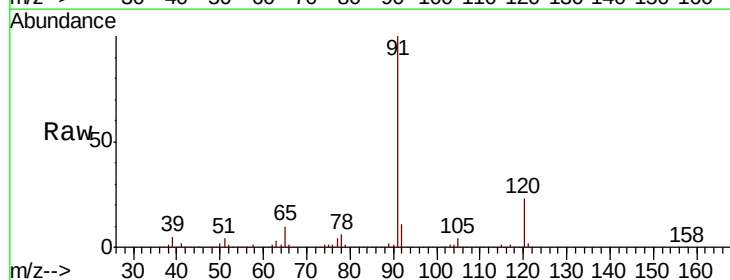
Acq: 3 Jul 2019 10:42

Tgt Ion: 91 Resp: 2554477

Ion Ratio Lower Upper

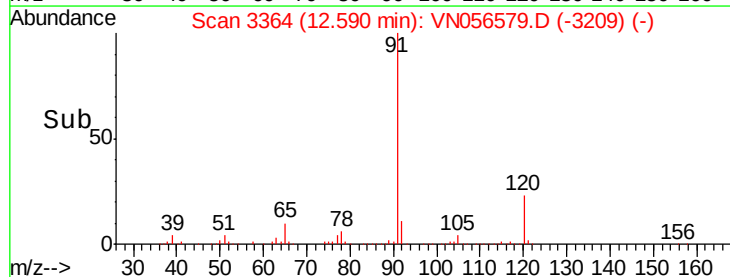
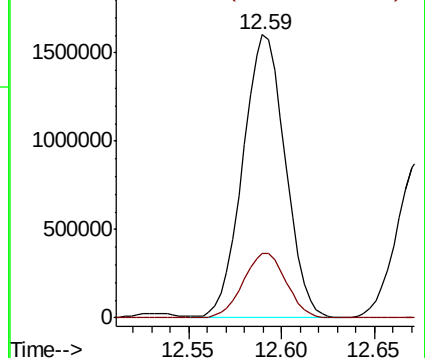
91 100

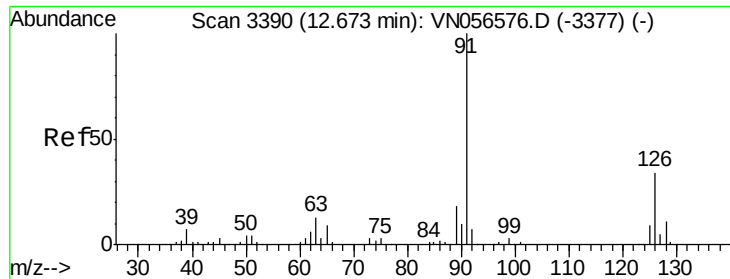
120 23.0 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 159.345 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

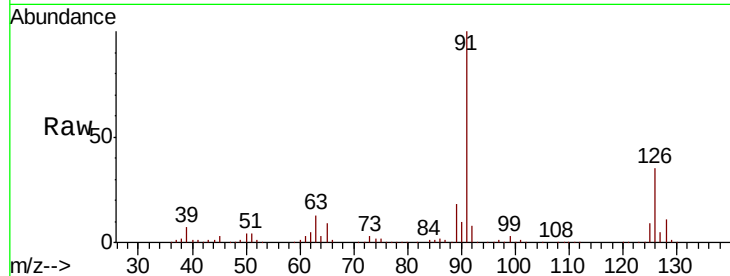
VSTDIC150

Tgt Ion: 91 Resp: 1479792

Ion Ratio Lower Upper

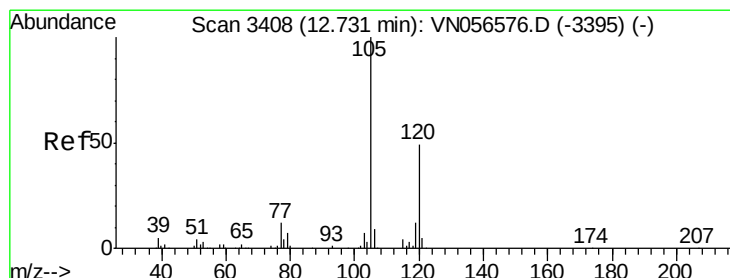
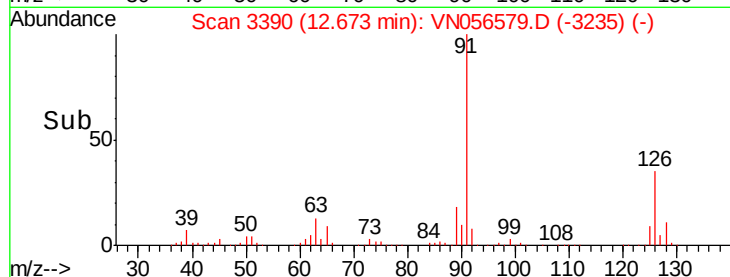
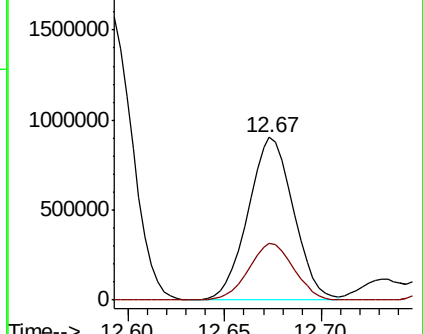
91 100

126 34.8 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN056576.D (-3377) (-)

Ion 126.00 (125.70 to 126.70): VN056576.D (-3377) (-)



#76

1,3,5-Trimethylbenzene

Concen: 159.687 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056579.D

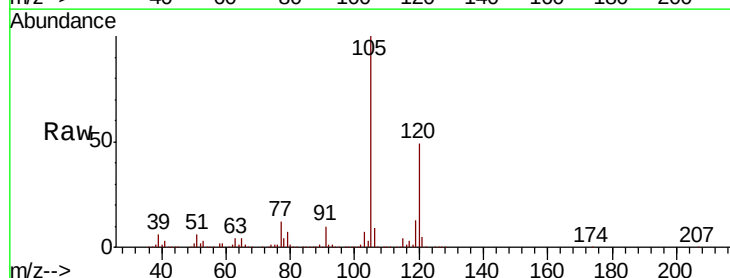
Acq: 3 Jul 2019 10:42

Tgt Ion: 105 Resp: 1863569

Ion Ratio Lower Upper

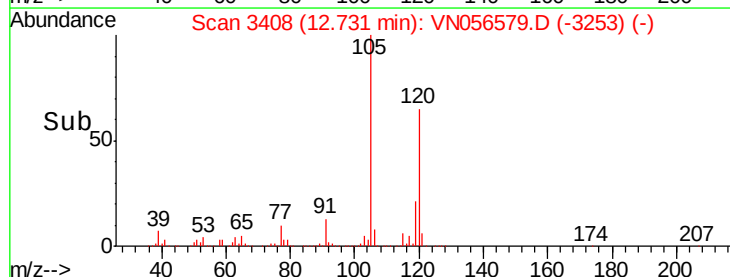
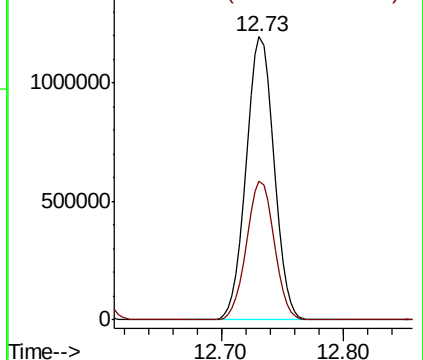
105 100

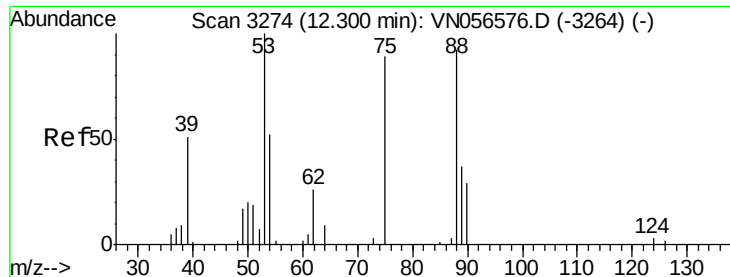
120 49.0 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056576.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN056576.D (-3395) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 223.259 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

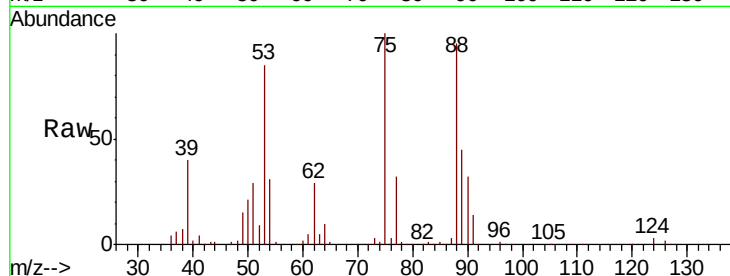
Tgt Ion: 75 Resp: 235894

Ion Ratio Lower Upper

75 100

53 84.9 48.0 144.0

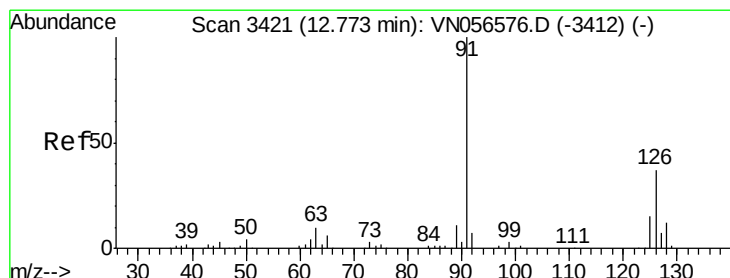
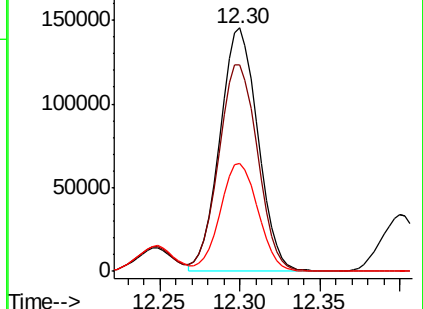
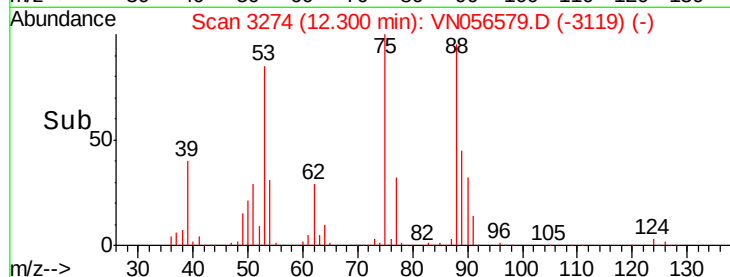
89 44.6 22.5 67.5



Abundance Ion 75.00 (74.70 to 75.70): VN056579.D (-3119) (-)

Ion 53.00 (52.70 to 53.70): VN056579.D (-3119) (-)

Ion 89.00 (88.70 to 89.70): VN056579.D (-3119) (-)



#78

4-Chlorotoluene

Concen: 174.161 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056579.D

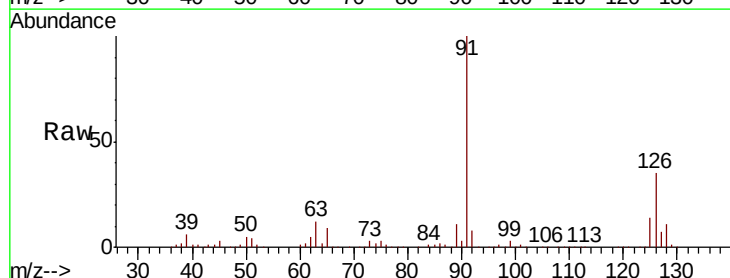
Acq: 3 Jul 2019 10:42

Tgt Ion: 91 Resp: 1510492

Ion Ratio Lower Upper

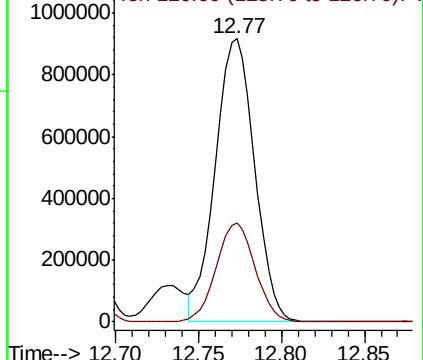
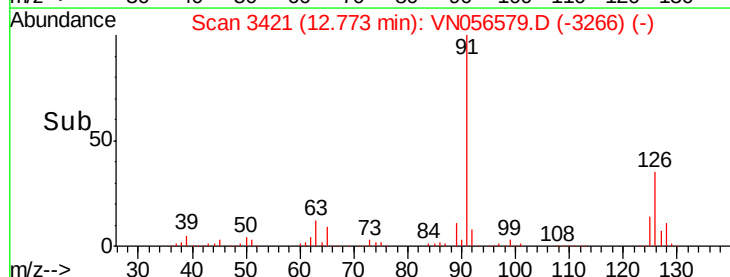
91 100

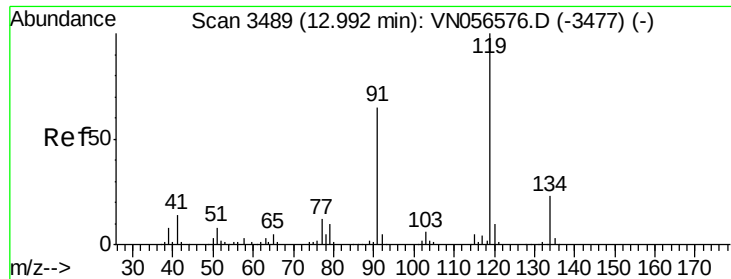
126 34.5 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN056579.D (-3266) (-)

Ion 126.00 (125.70 to 126.70): VN056579.D (-3266) (-)

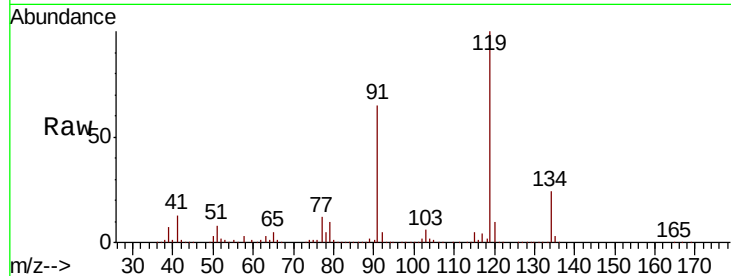




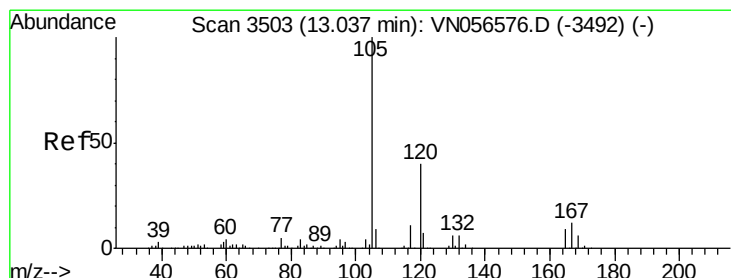
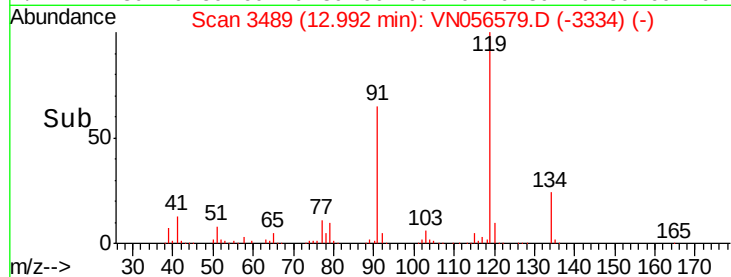
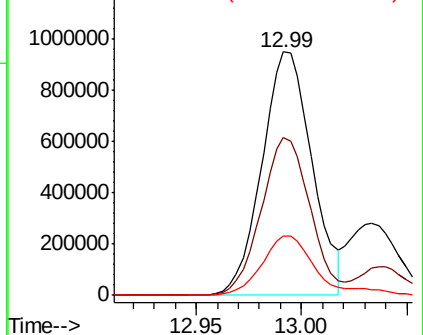
#79
tert-butylbenzene
Concen: 151.782 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 1569327
Ion Ratio Lower Upper
119 100
91 63.6 0.0 122.8
134 24.3 0.0 50.2

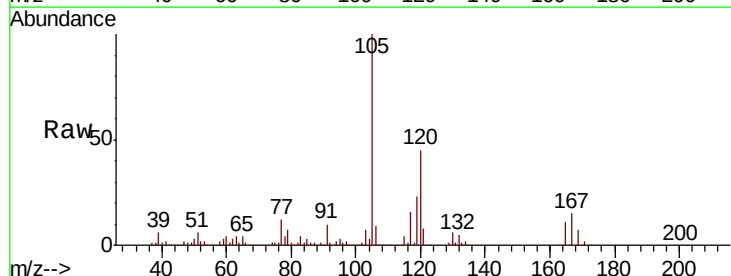


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

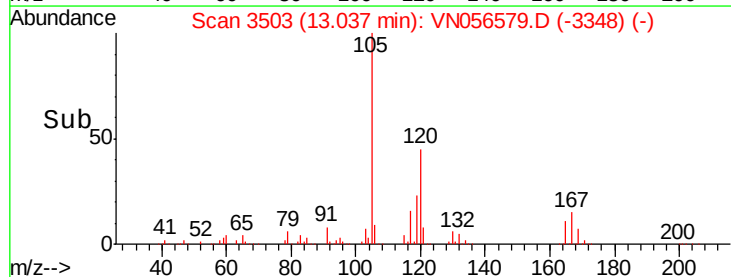
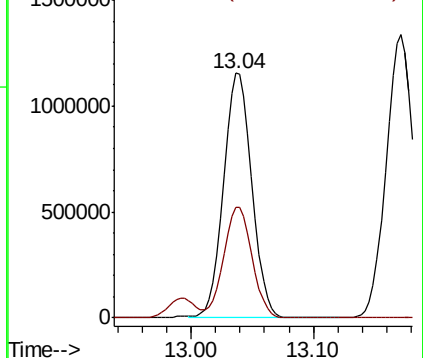


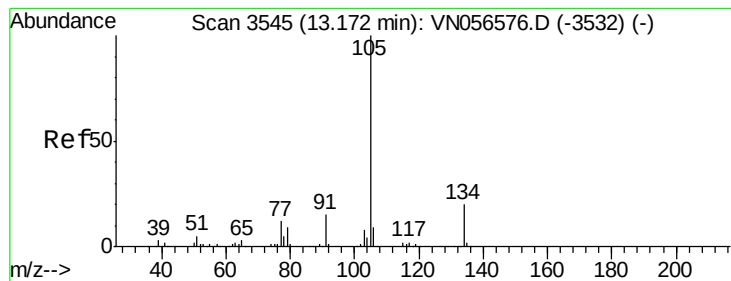
#80
1,2,4-Trimethylbenzene
Concen: 165.333 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion:105 Resp: 1876959
Ion Ratio Lower Upper
105 100
120 45.4 0.0 93.4



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





#81

sec-Butylbenzene

Concen: 162.884 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

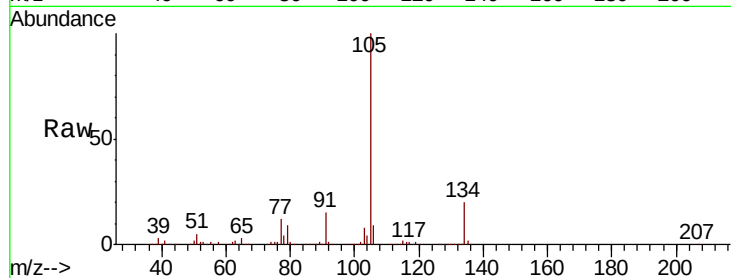
VSTDIC150

Tgt Ion:105 Resp: 2130461

Ion Ratio Lower Upper

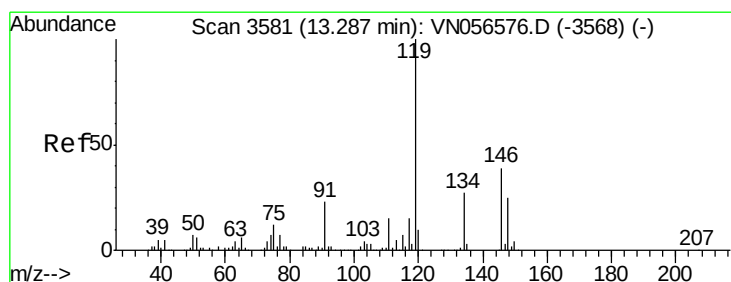
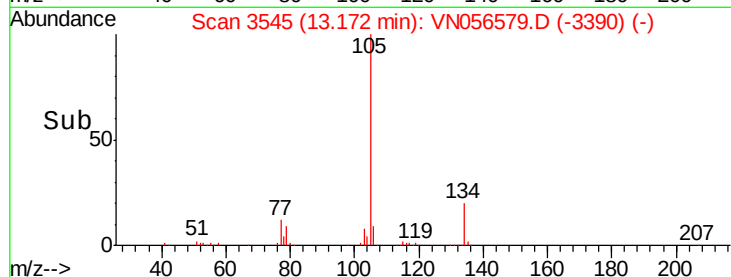
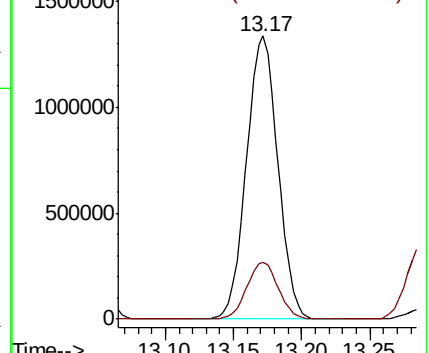
105 100

134 20.1 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 166.036 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

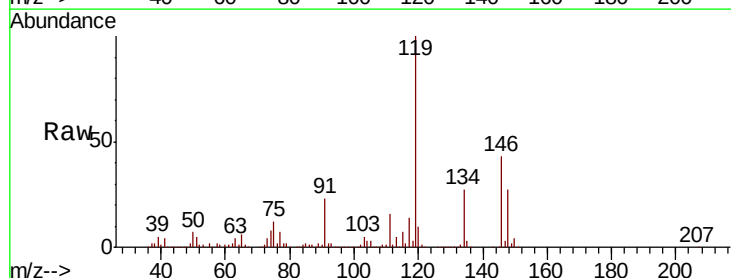
Tgt Ion:119 Resp: 1963476

Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.4

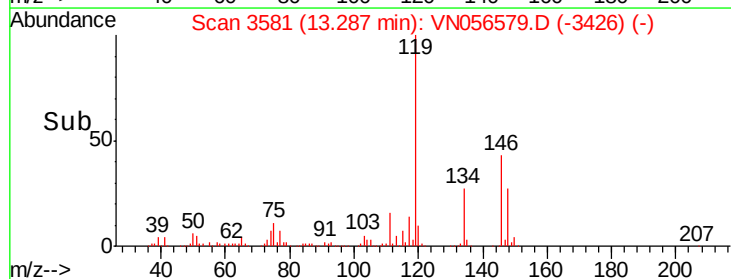
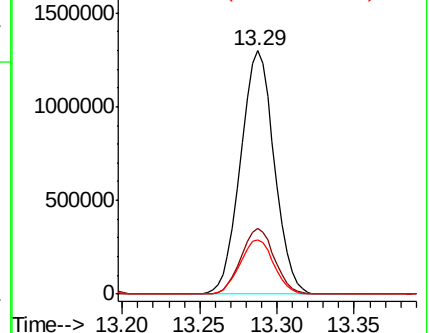
91 22.4 0.0 43.0

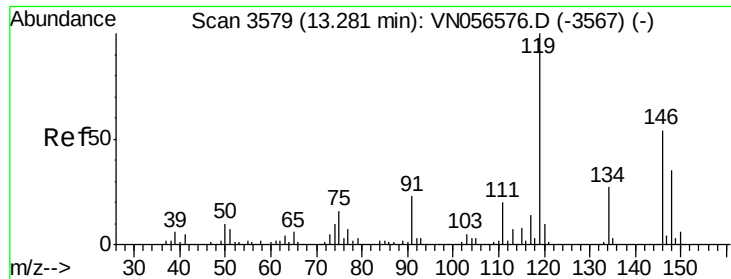


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

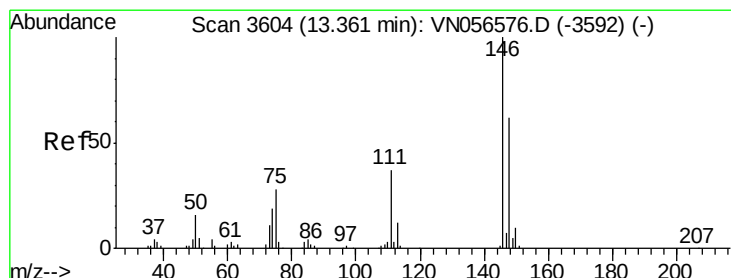
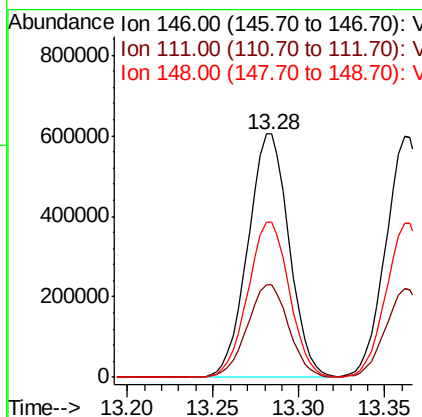
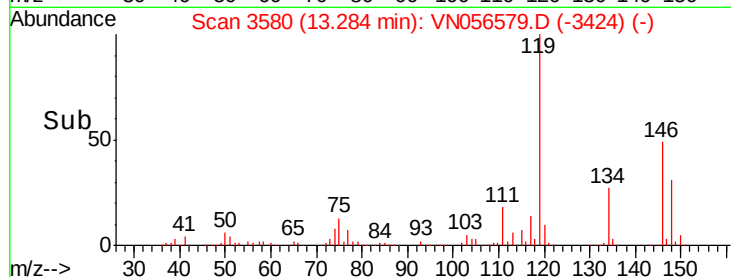
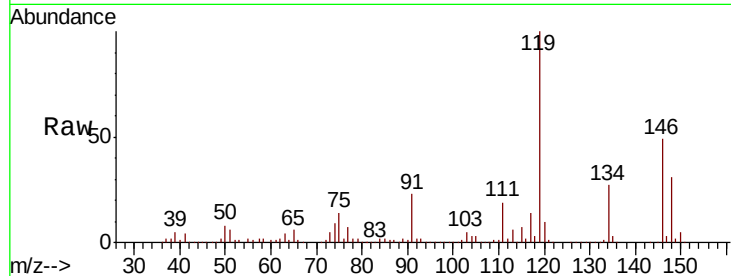




#83
 1,3-Dichlorobenzene
 Concen: 170.992 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

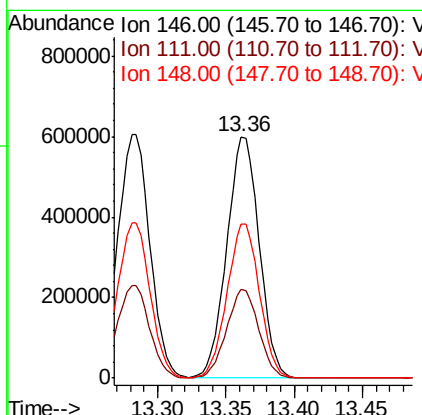
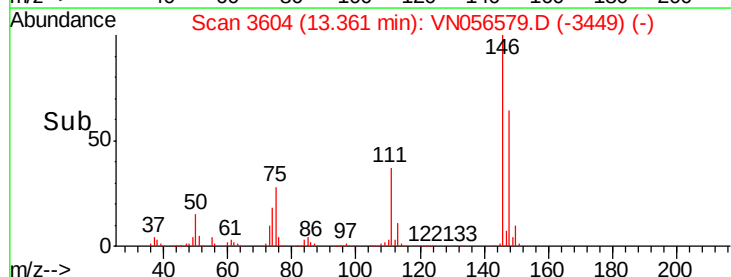
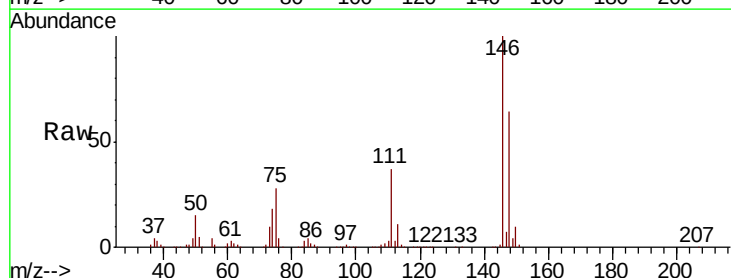
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

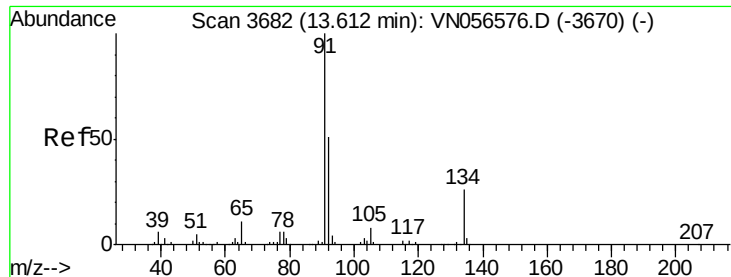
Tgt Ion:146 Resp: 1003509
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.2 54.6
 148 64.4 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 177.265 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion:146 Resp: 990949
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.6 52.9
 148 63.8 32.1 96.3





#85

n-Butylbenzene

Concen: 197.843 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056579.D

Acq: 3 Jul 2019 10:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

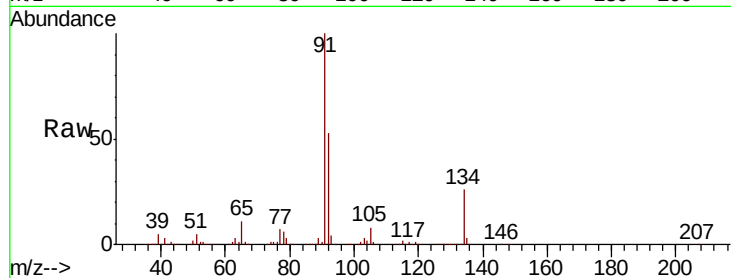
Tgt Ion: 91 Resp: 1746148

Ion Ratio Lower Upper

91 100

92 52.9 0.0 107.2

134 26.4 0.0 55.8



Abundance Ion 91.00 (90.70 to 91.70): VN056579.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN056579.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN056579.D (-3670) (-)

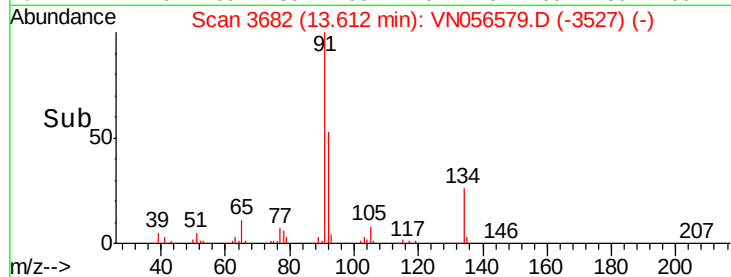
13.61

1000000

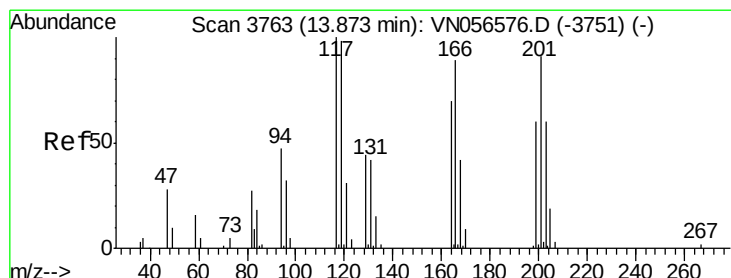
500000

0

13.60 13.70



Time-->



#86

Hexachloroethane

Concen: 174.435 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056579.D

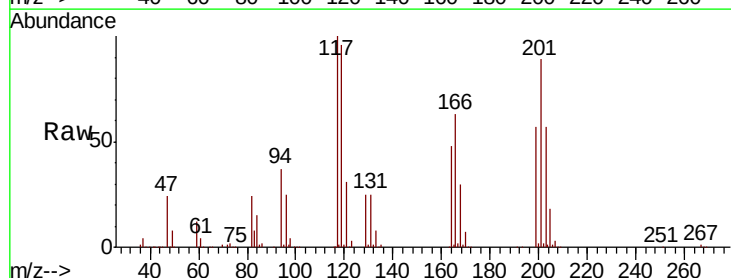
Acq: 3 Jul 2019 10:42

Tgt Ion: 117 Resp: 321583

Ion Ratio Lower Upper

117 100

201 90.6 48.1 144.4



Abundance Ion 117.00 (116.70 to 117.70): VN056579.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056579.D (-3751) (-)

200000

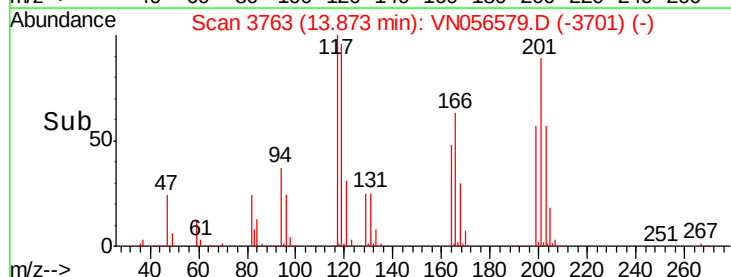
150000

100000

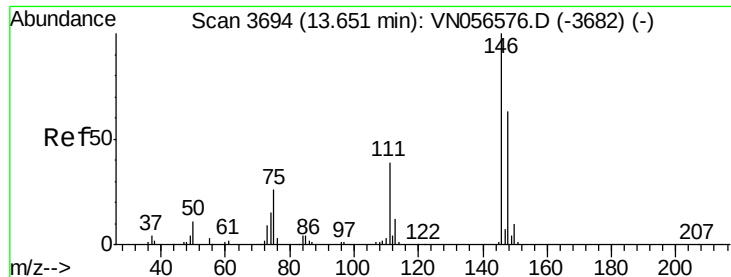
50000

0

13.80 13.85 13.90



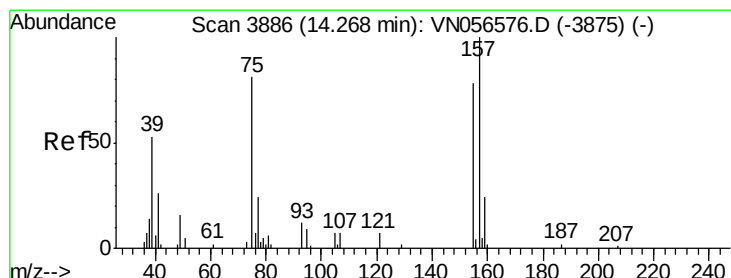
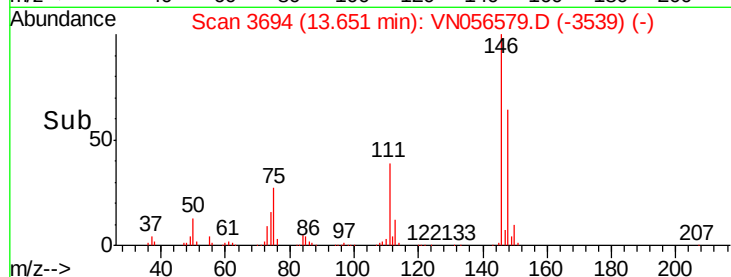
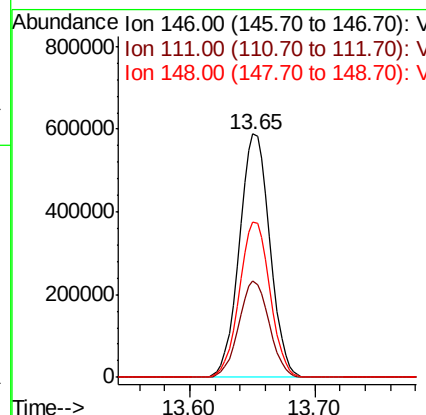
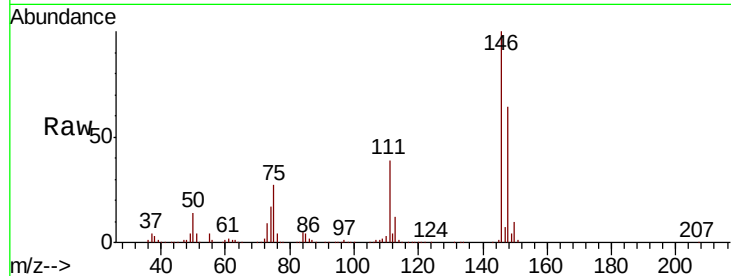
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 166.154 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

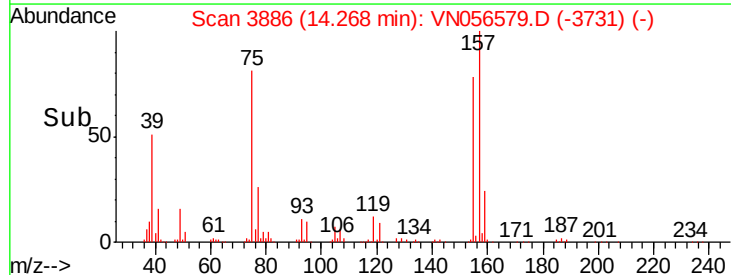
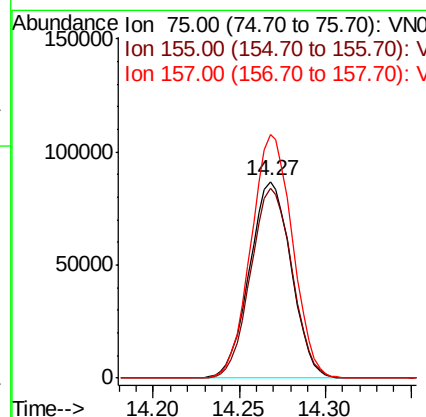
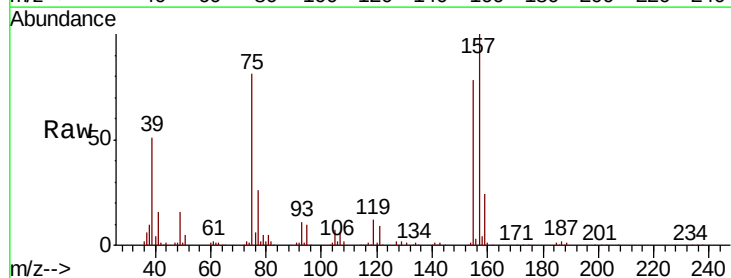
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

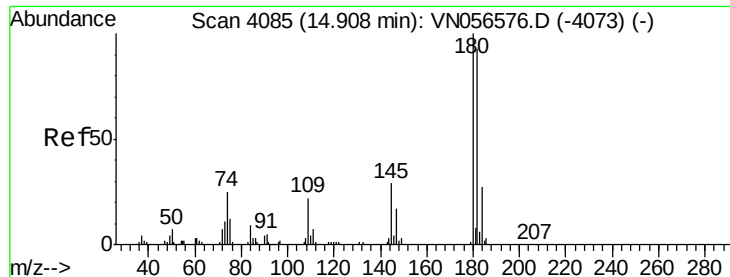
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.9
148	64.2	32.6	97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 217.282 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	82.5	123.7
157	123.3	105.1	157.7

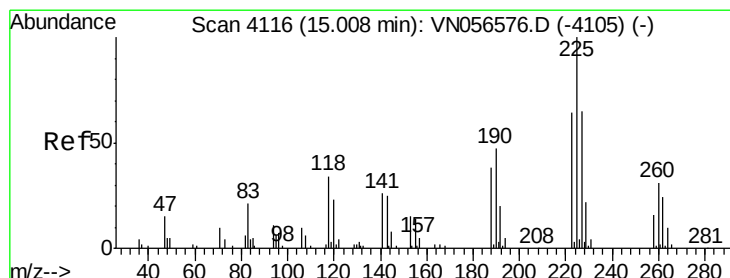
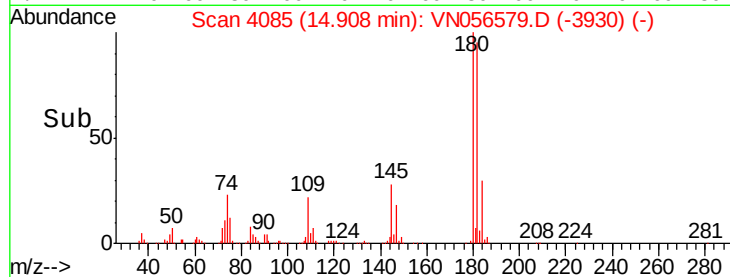
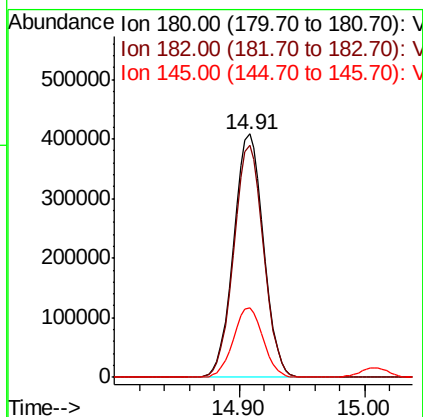
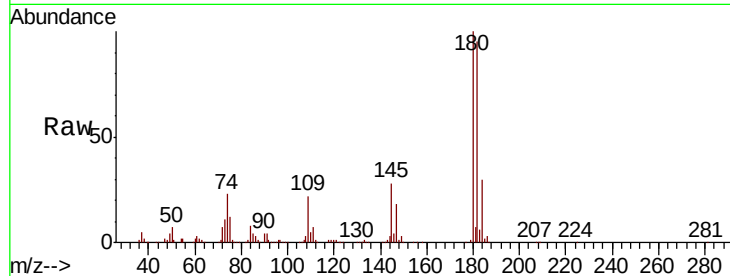




#89
 1,2,4-Trichlorobenzene
 Concen: 231.989 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

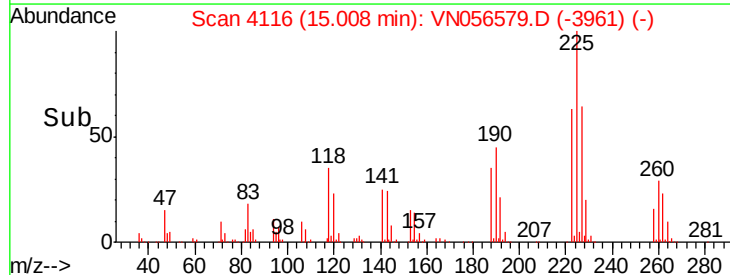
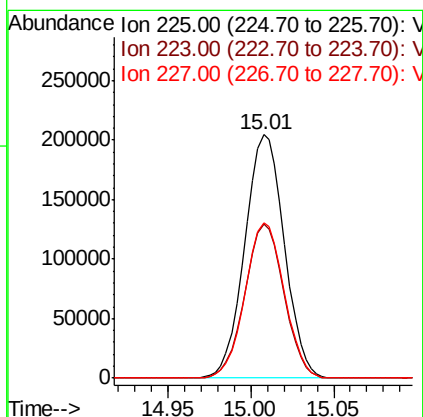
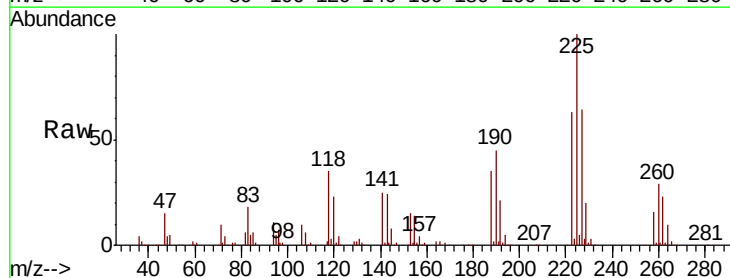
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

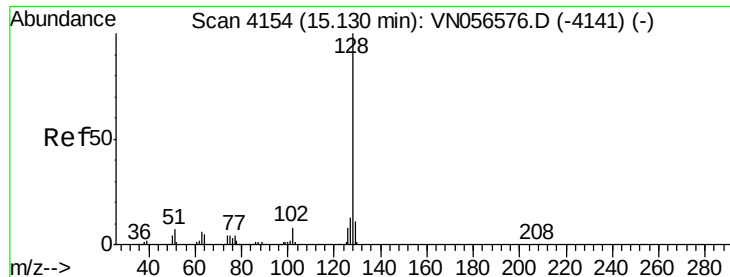
Tgt Ion:180 Resp: 675024
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.0 112.6
 145 28.4 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 155.482 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056579.D
 Acq: 3 Jul 2019 10:42

Tgt Ion:225 Resp: 338593
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 125.6
 227 63.2 0.0 128.6

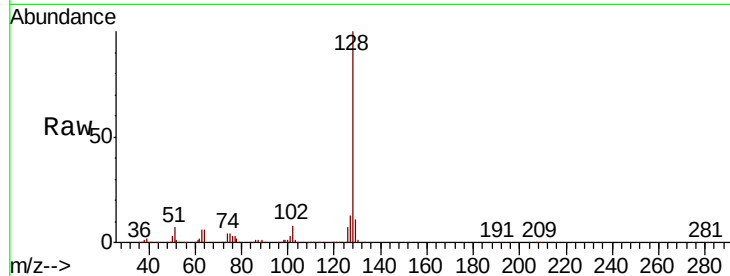




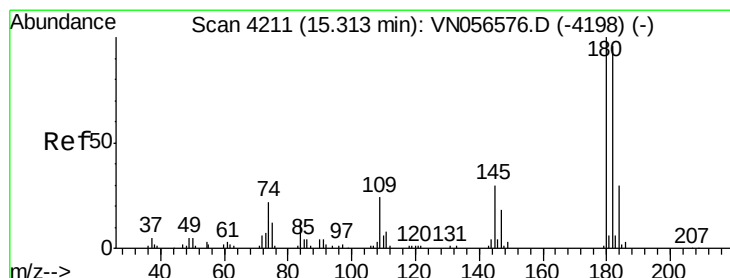
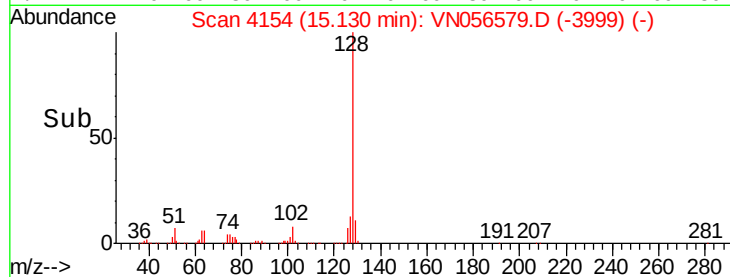
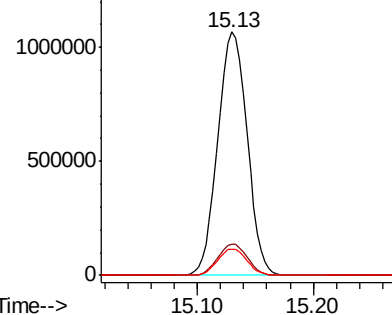
#91
Naphthalene
Concen: 235.617 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1866715
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.7 13.1

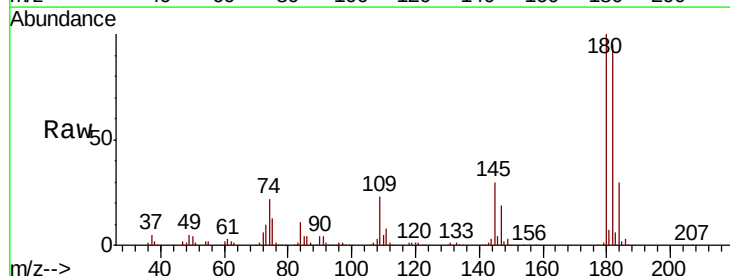


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 213.432 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN056579.D
Acq: 3 Jul 2019 10:42

Tgt Ion:180 Resp: 666466
Ion Ratio Lower Upper
180 100
182 95.3 0.0 193.4
145 30.7 0.0 59.8



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

