

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060619\
 Data File : VN056018.D
 Acq On : 5 Jun 2019 20:08
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 06 03:25:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 03:18:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	54715	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	299182	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	269453	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	100939	28.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.80%
60) 4-Bromofluorobenzene	12.40	95	125282	30.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.83%
63) Toluene-d8	10.09	98	360740	29.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	317064	123.151	ug/l 99
3) Chloromethane	2.06	50	354150	103.133	ug/l 99
4) Vinyl Chloride	2.18	62	362504	102.716	ug/l 100
5) Bromomethane	2.52	94	224686	105.964	ug/l 100
6) Chloroethane	2.68	64	187531	91.388	ug/l 95
7) Trichlorofluoromethane	3.00	101	448030	101.269	ug/l 97
8) Diethyl Ether	3.40	74	187583	97.517	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	277632	100.144	ug/l 99
10) 1,1-Dichloroethene	3.72	96	285841	99.296	ug/l 97
11) Methyl Iodide	3.94	142	464379	110.896	ug/l 98
12) Methyl Acetate	4.33	43	318970	90.885	ug/l 99
13) Acrolein	3.60	56	80388	187.674	ug/l 99
14) Acrylonitrile	4.99	53	758314	477.953	ug/l 99
15) Acetone	3.82	58	244272	486.818	ug/l 98
16) Carbon Disulfide	4.04	76	719326	91.223	ug/l 99
17) Allyl chloride	4.31	41	450792	89.785	ug/l 99
18) Methylene Chloride	4.54	84	321134	97.306	ug/l 99
19) trans-1,2-Dichloroethene	5.03	96	302023	97.574	ug/l 96
20) Diisopropyl ether	5.96	45	906870	91.375	ug/l 94
21) 1,1-Dichloroethane	5.84	63	528167	94.085	ug/l 99
22) cis-1,2-Dichloroethene	6.82	96	351926	97.457	ug/l 100
23) tert-Butyl Alcohol	4.82	59	300509	442.630	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	901748	93.519	ug/l 98
25) Chloroform	7.37	83	526965	94.667	ug/l 99
26) Cyclohexane	7.65	56	490919	94.477	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	407743	98.414	ug/l 100
30) 2-Butanone	6.84	43	1051370	477.598	ug/l 99
31) 2,2-Dichloropropane	6.82	77	380931	82.674	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	454090	93.797	ug/l 99
33) Carbon Tetrachloride	7.77	117	386839	90.601	ug/l 98
34) Benzene	8.04	78	1265237	98.193	ug/l # 92
35) Methacrylonitrile	7.17	41	195455	95.277	ug/l 97
36) 1,2-Dichloroethane	8.12	62	391079	93.856	ug/l 99
37) Trichloroethene	8.83	130	357974	99.281	ug/l 98
38) Methylcyclohexane	9.08	83	515047	98.151	ug/l 98
39) 1,2-Dichloropropane	9.12	63	327984	95.498	ug/l 97
40) Dibromomethane	9.21	93	218552	97.946	ug/l 98

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 VSTDICC100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 03:18:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	406288	91.821	ug/l	99
42) Vinyl Acetate	5.90	43	3861942	460.096	ug/l	100
43) Ethyl Acetate	6.93	43	401916	93.585	ug/l	99
44) Isopropyl Acetate	8.17	43	645474	91.973	ug/l	97
45) 1,4-Dioxane	9.20	88	133939	1967.008	ug/l	99
46) Methyl methacrylate	9.20	41	318857	97.081	ug/l	98
47) n-amyl Acetate	12.07	43	546348	94.426	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	447872	92.723	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	505816	94.231	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	320335	98.600	ug/l	98
51) Ethyl methacrylate	10.43	69	504999	98.162	ug/l	99
52) 1,3-Dichloropropane	10.71	76	523659	98.122	ug/l	99
53) Dibromochloromethane	10.90	129	346087	94.204	ug/l	99
54) 1,2-Dibromoethane	11.00	107	341807	101.684	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	925272	471.212	ug/l	100
56) Bromoform	12.13	173	261783	89.339	ug/l #	98
58) 4-Methyl-2-Pentanone	9.99	43	1997233	458.543	ug/l	100
59) 2-Hexanone	10.75	43	1436808	460.589	ug/l	98
61) Tetrachloroethene	10.63	164	355713	97.226	ug/l	99
62) Toluene	10.16	91	1395803	96.590	ug/l	99
64) Chlorobenzene	11.43	112	866996	98.986	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	321201	93.256	ug/l	98
66) Ethyl Benzene	11.51	91	1527232	97.222	ug/l	100
67) m/p-Xylenes	11.62	106	1172220	196.295	ug/l	98
68) o-Xylene	11.95	106	571084	96.877	ug/l	99
69) Styrene	11.96	104	972195	100.282	ug/l	100
70) Isopropylbenzene	12.25	105	1487630	96.372	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	452144	95.654	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	542300	134.041	ug/l	69
73) Bromobenzene	12.53	156	411261	100.747	ug/l	99
74) n-propylbenzene	12.59	91	1650605	99.893	ug/l	100
75) 2-Chlorotoluene	12.67	91	992381	98.104	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	1247213	98.062	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	130824	86.526	ug/l	91
78) 4-Chlorotoluene	12.77	91	983408	103.006	ug/l	99
79) tert-butylbenzene	12.99	119	1068469	95.707	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	1237364	98.425	ug/l	100
81) sec-Butylbenzene	13.17	105	1413819	99.580	ug/l	100
82) p-Isopropyltoluene	13.29	119	1307937	100.560	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	679709	106.839	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	664342	110.036	ug/l	100
85) n-Butylbenzene	13.61	91	1045896	104.658	ug/l	100
86) Hexachloroethane	13.87	117	214051	87.847	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	674254	105.244	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	78972	92.746	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	391534	115.530	ug/l	99
90) Hexachlorobutadiene	15.01	225	232969	91.889	ug/l	100
91) Naphthalene	15.13	128	1043911	113.106	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	400799	112.921	ug/l	99

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ClientSampleId :
VSTDICC100

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 03:18:25 2019
Response via : Initial Calibration

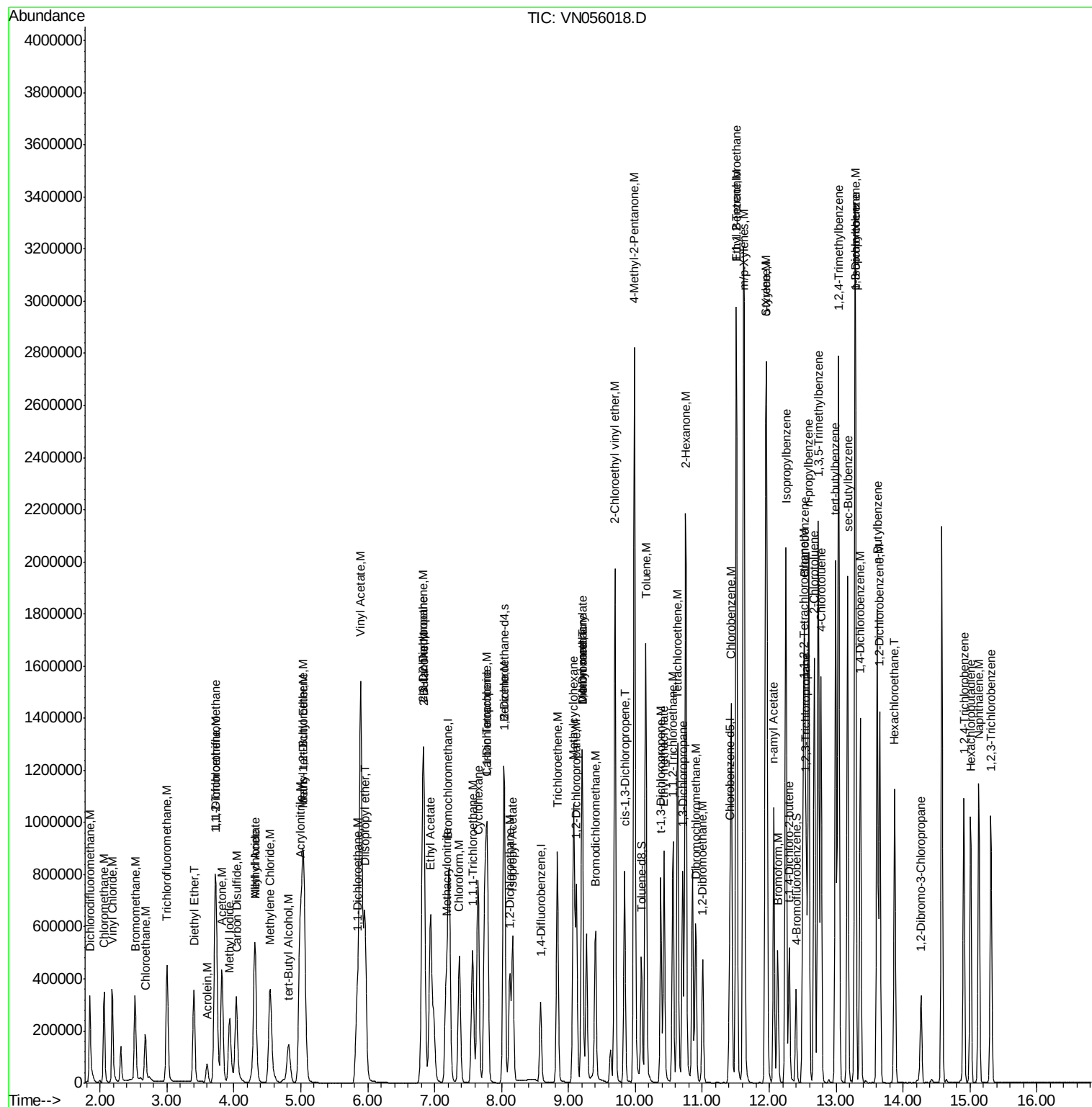
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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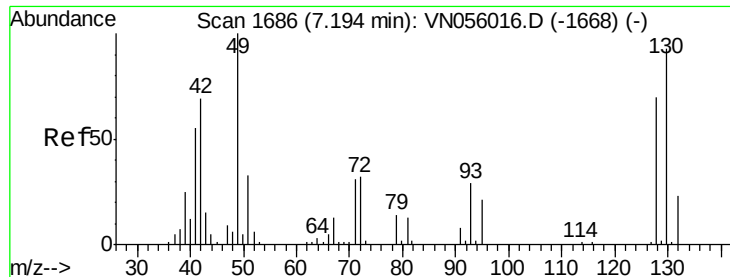
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060619\
Data File : VN056018.D
Acq On : 5 Jun 2019 20:08
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: Jun 06 03:25:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 03:18:25 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

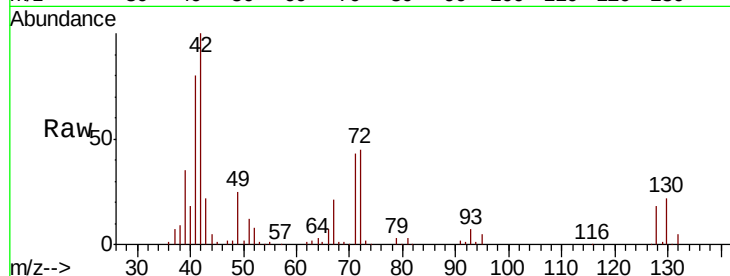
Tot Ion:128 Resp: 54715

Ion Ratio Lower Upper

128 100

49 145.3 0.0 355.8

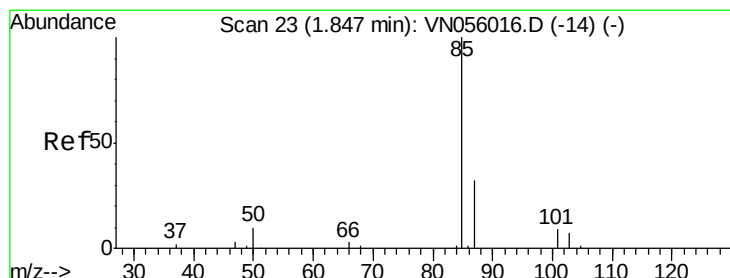
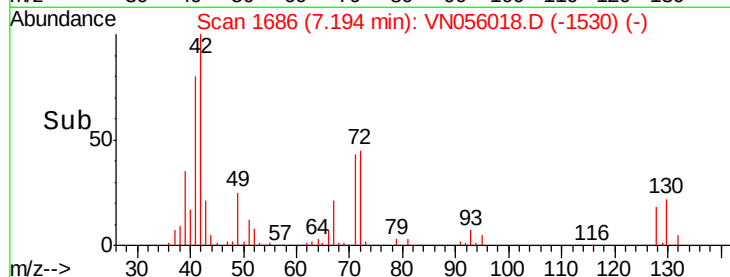
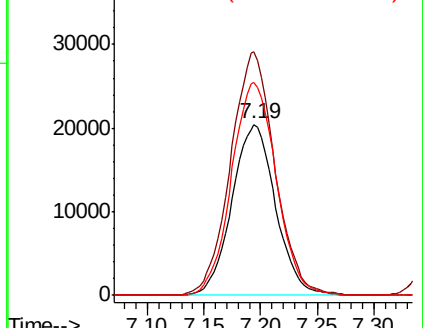
130 128.3 0.0 326.3



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: 123.151 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056018.D

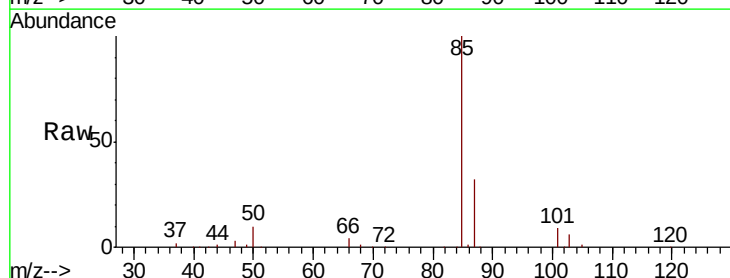
Acq: 5 Jun 2019 20:08

Tgt Ion: 85 Resp: 317064

Ion Ratio Lower Upper

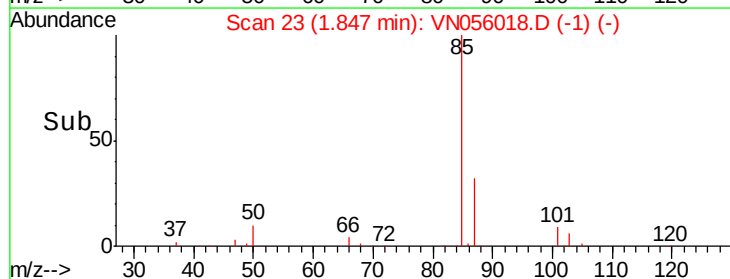
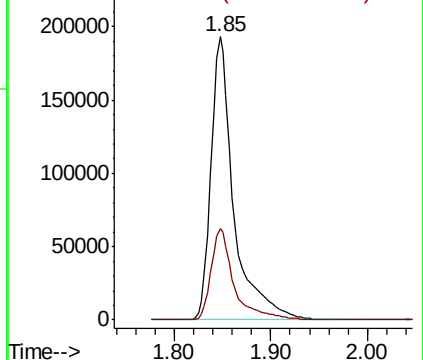
85 100

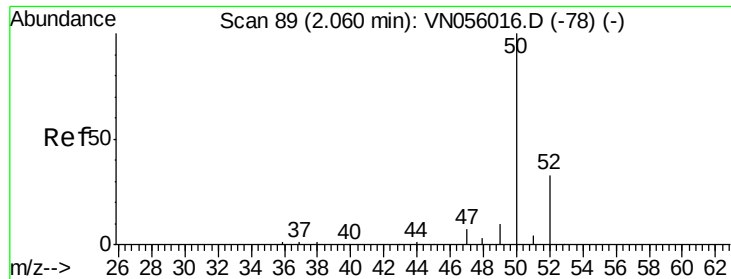
87 32.4 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN

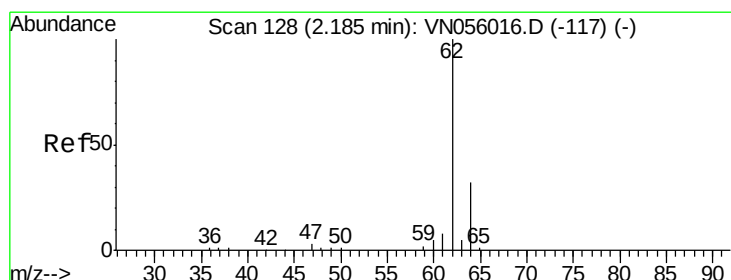
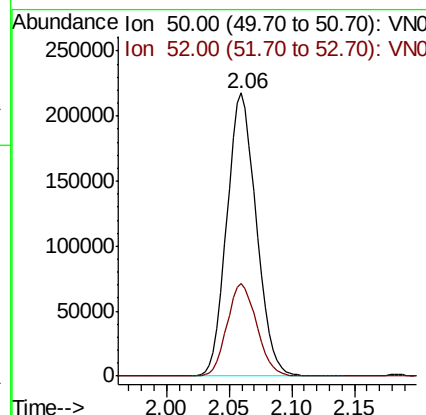
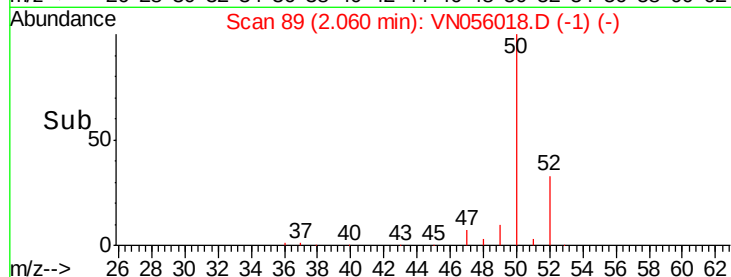
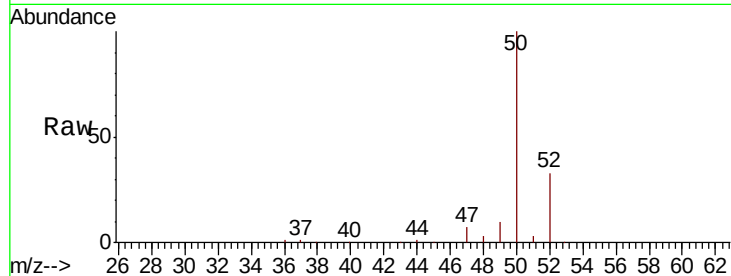




#3
Chloromethane
Concen: 103.133 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

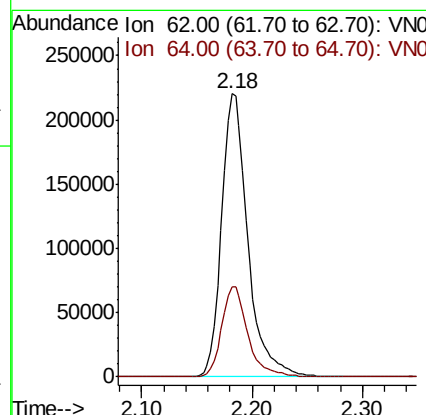
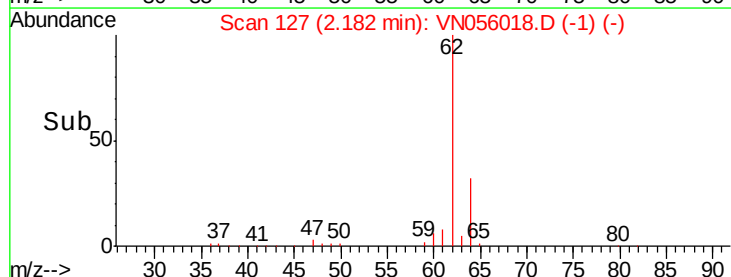
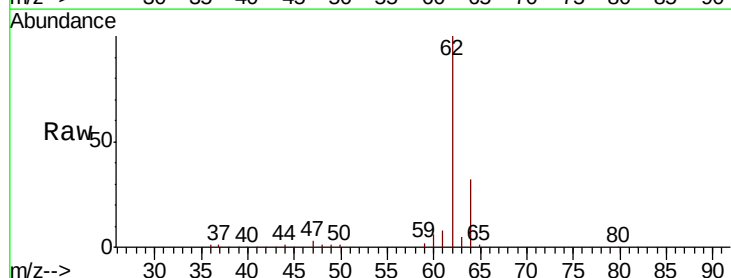
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

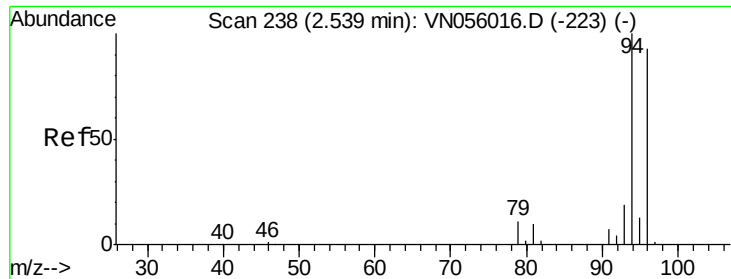
Tot Ion: 50 Resp: 354150
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1



#4
Vinyl Chloride
Concen: 102.716 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 62 Resp: 362504
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.8





#5

Bromomethane

Concen: 105.964 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.02 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

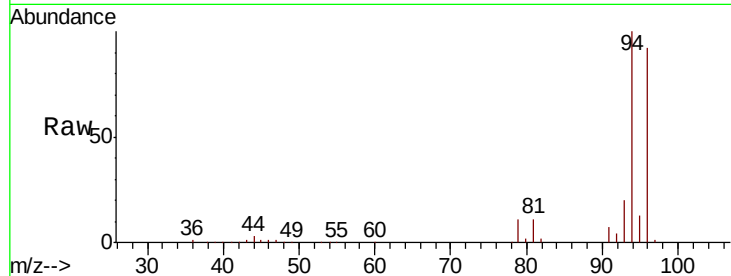
VSTDICC100

Tot Ion: 94 Resp: 224686

Ion Ratio Lower Upper

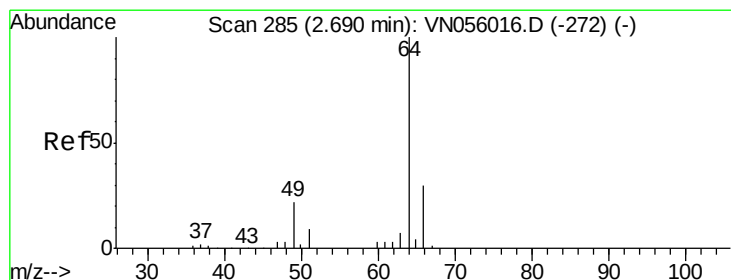
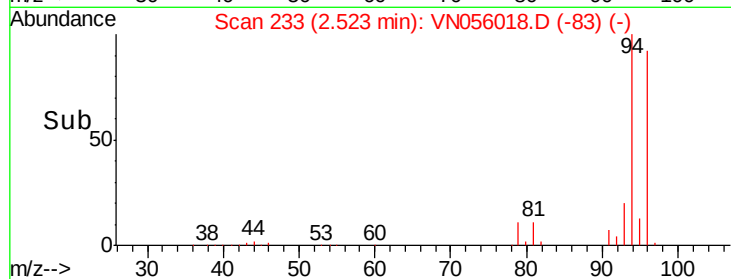
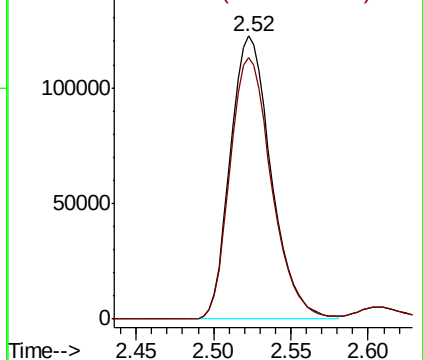
94 100

96 92.5 74.1 111.1



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 91.388 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN056018.D

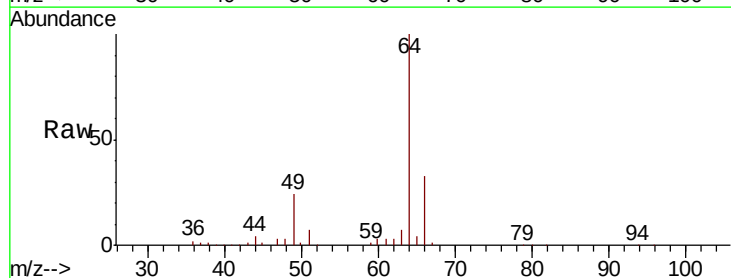
Acq: 5 Jun 2019 20:08

Tgt Ion: 64 Resp: 187531

Ion Ratio Lower Upper

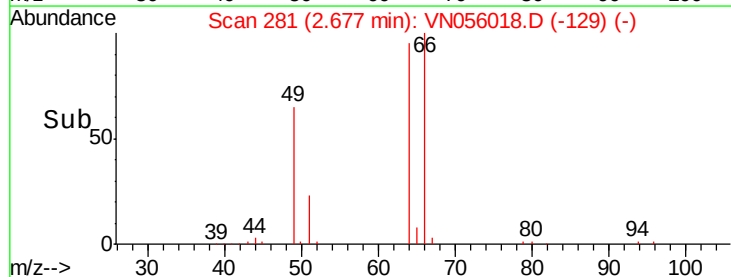
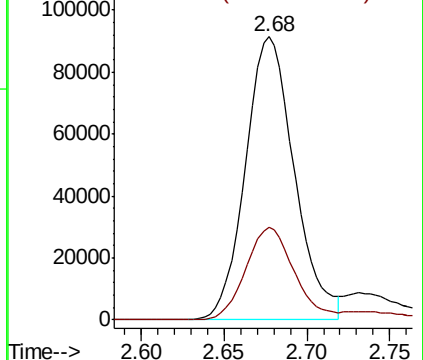
64 100

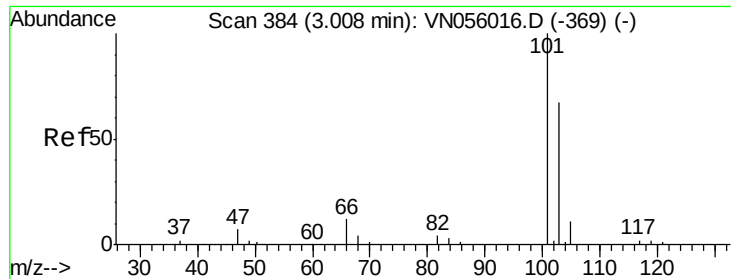
66 32.5 23.7 35.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



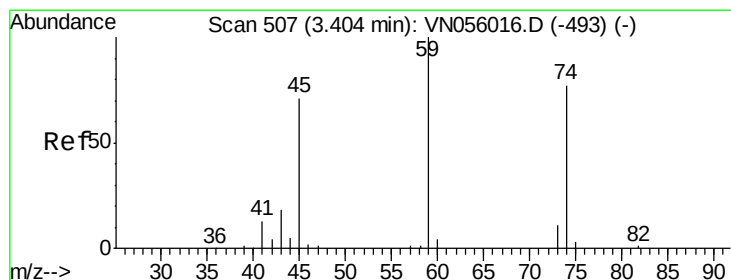
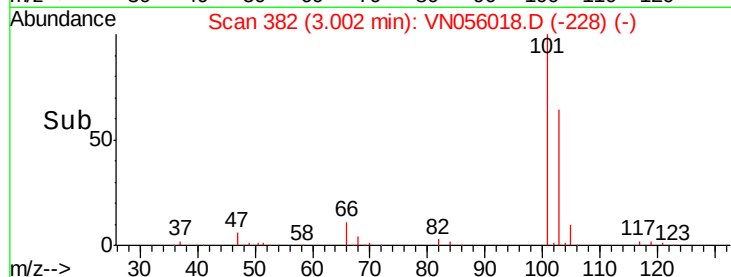
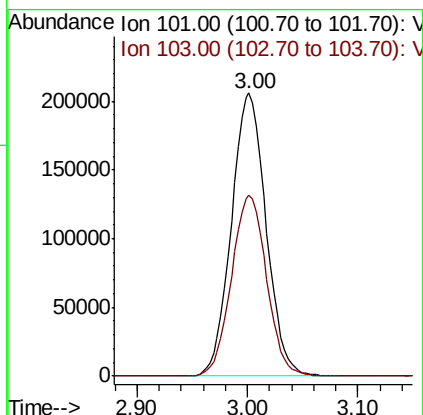
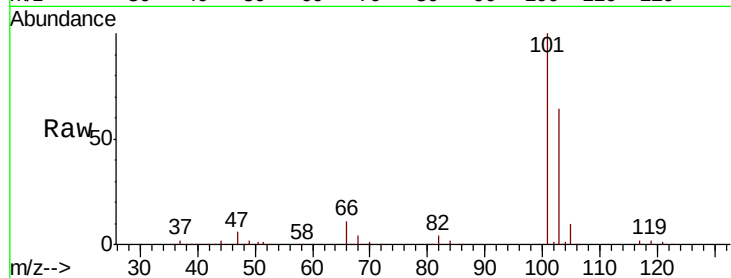


#7

Trichlorofluoromethane
Concen: 101.269 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Instrument :
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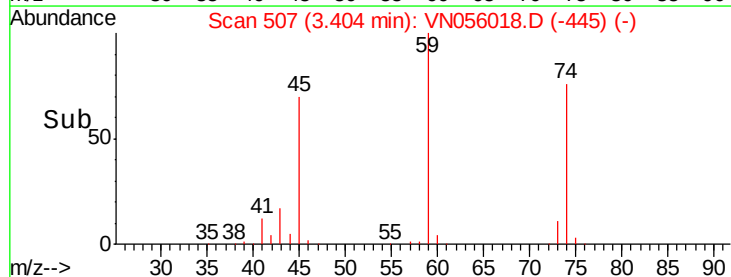
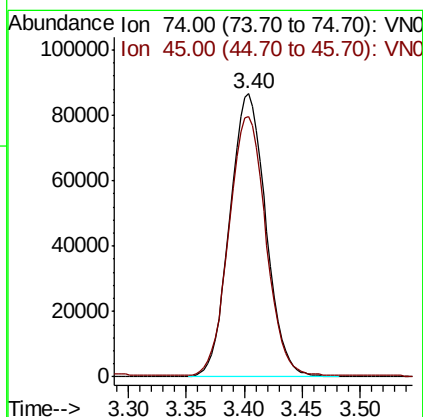
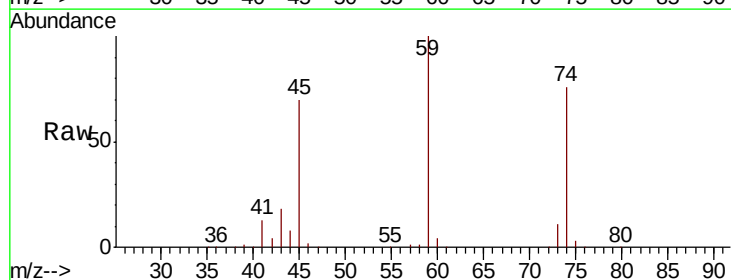
Tot Ion:101 Resp: 448030
Ion Ratio Lower Upper
101 100
103 63.9 53.4 80.0

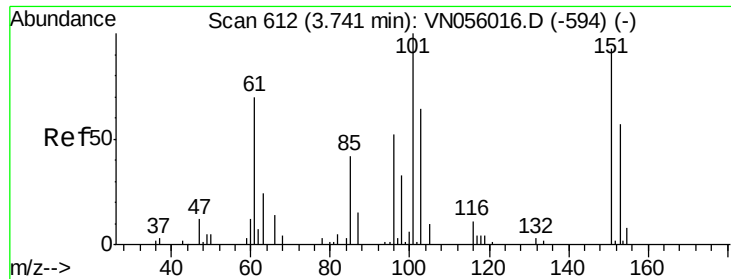


#8

Diethyl Ether
Concen: 97.517 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 74 Resp: 187583
Ion Ratio Lower Upper
74 100
45 93.4 18.8 169.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.144 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

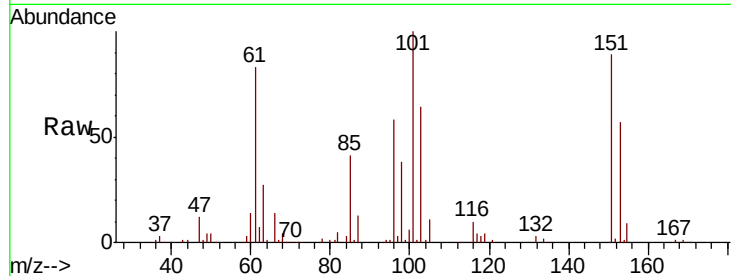
Tot Ion:101 Resp: 277632

Ion Ratio Lower Upper

101 100

85 40.6 0.0 82.0

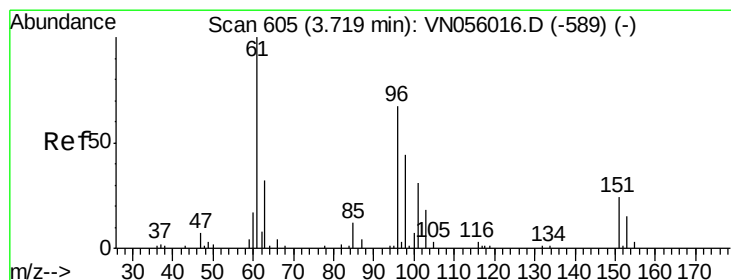
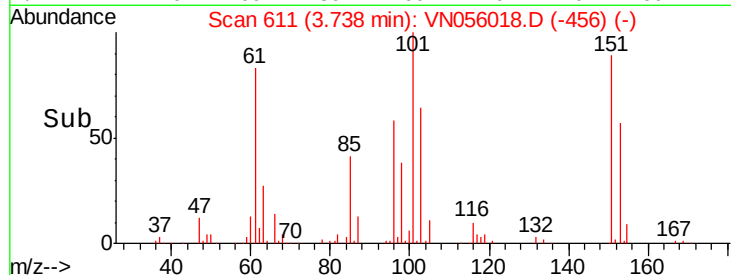
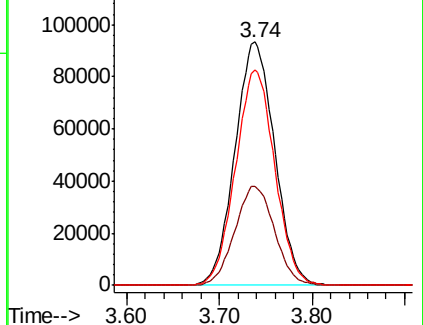
151 87.5 0.0 177.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 99.296 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

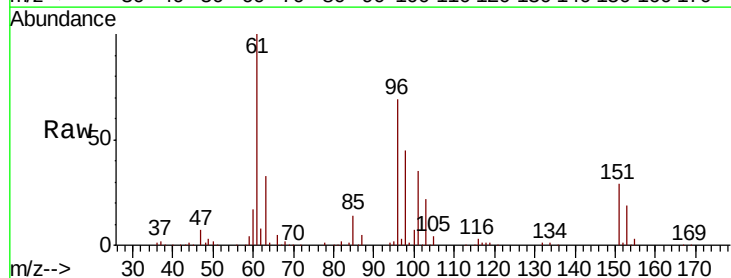
Tgt Ion: 96 Resp: 285841

Ion Ratio Lower Upper

96 100

61 143.7 119.7 179.5

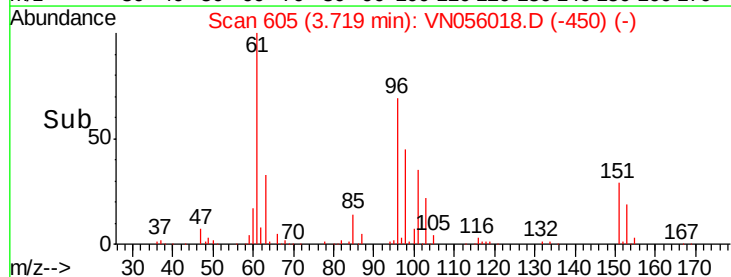
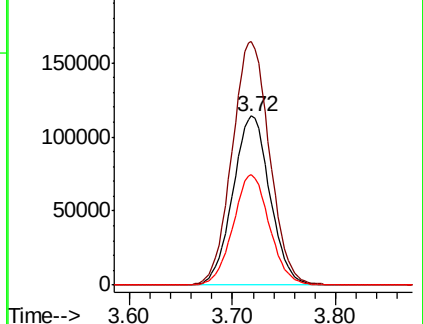
98 65.1 52.3 78.5

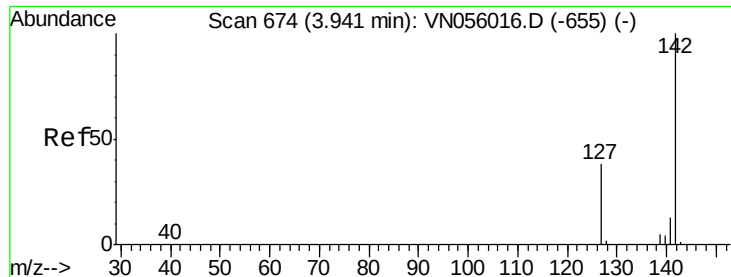


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

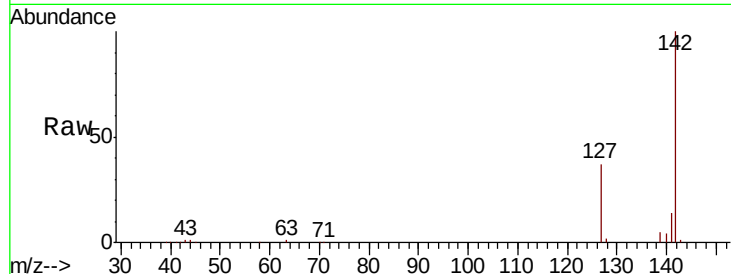




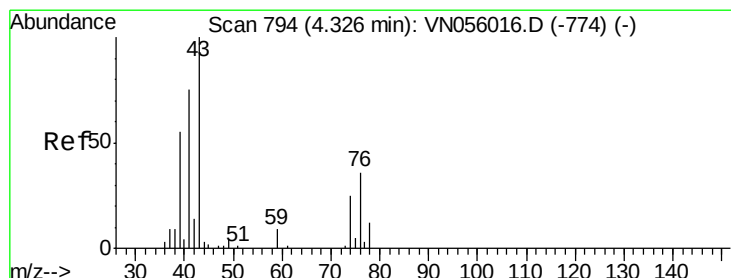
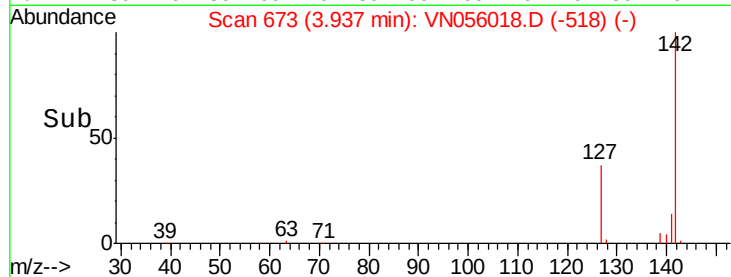
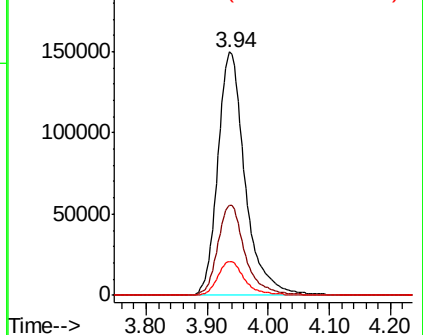
#11
Methyl Iodide
Concen: 110.896 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:142 Resp: 464379
Ion Ratio Lower Upper
142 100
127 37.1 19.0 57.0
141 13.9 6.7 20.0

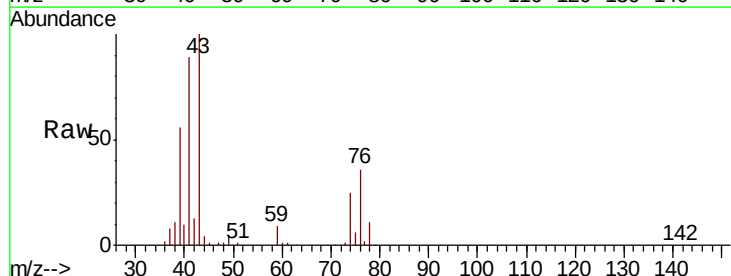


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

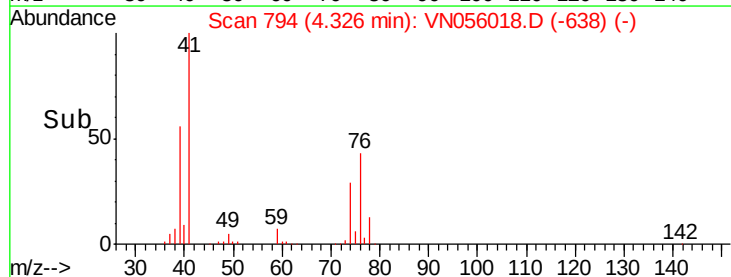
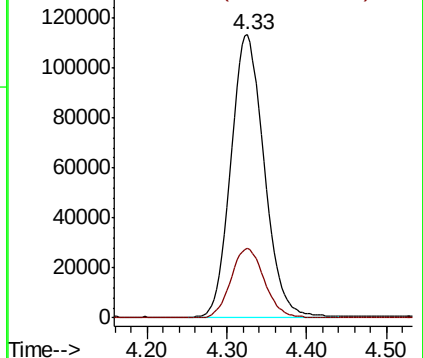


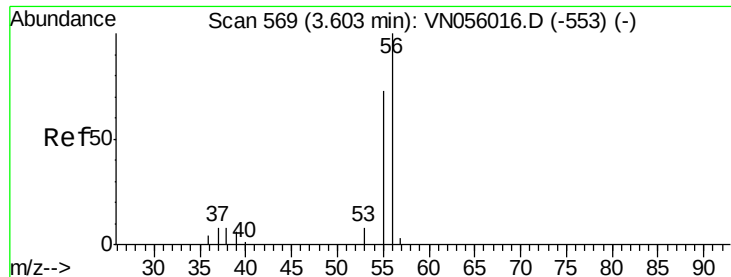
#12
Methyl Acetate
Concen: 90.885 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 43 Resp: 318970
Ion Ratio Lower Upper
43 100
74 24.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

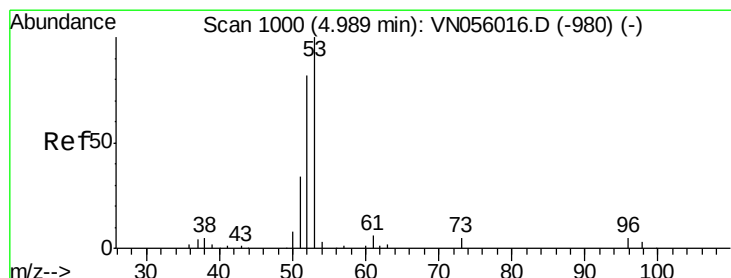
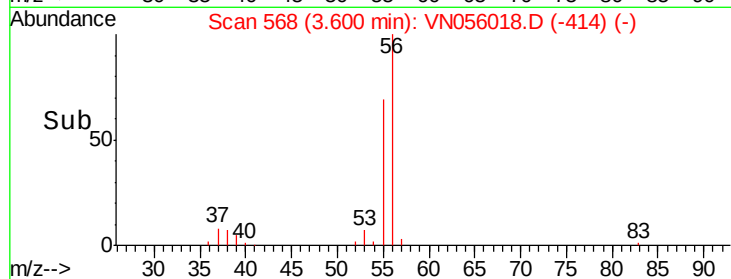
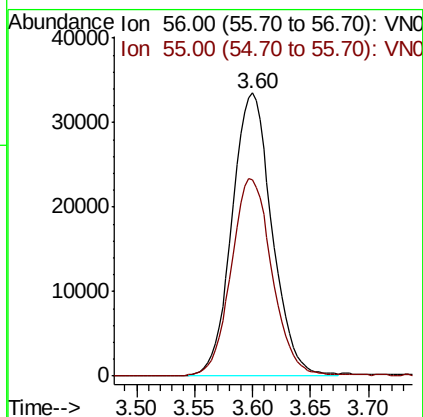
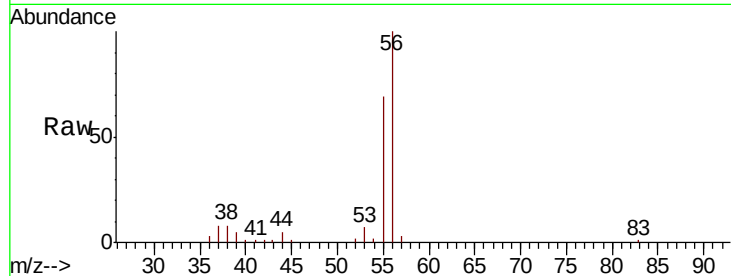




#13
Acrolein
Concen: 187.674 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

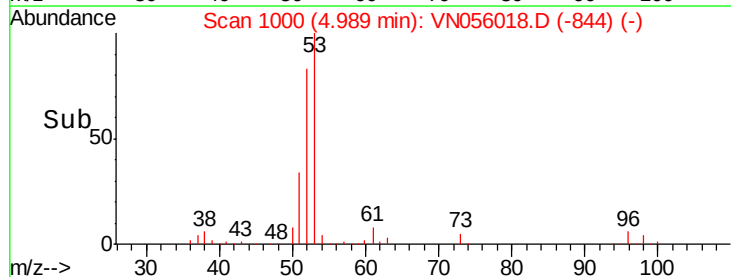
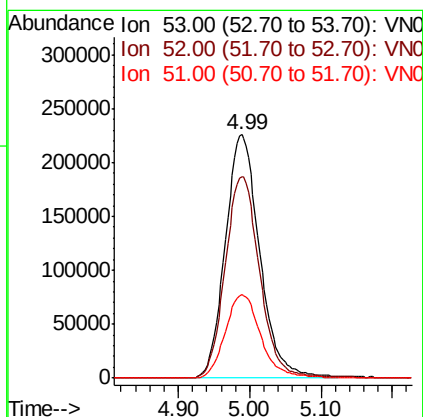
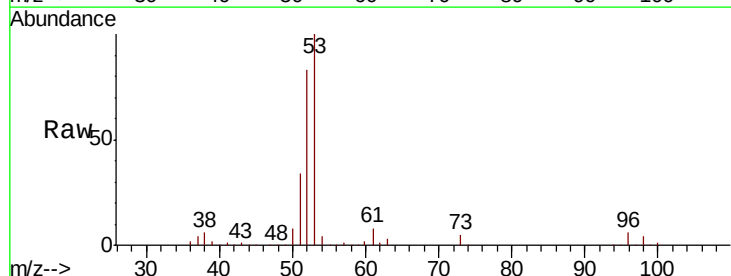
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

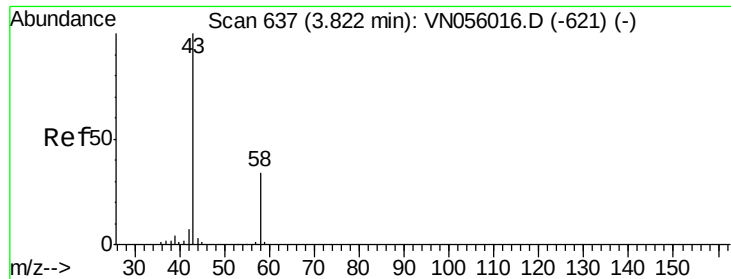
Tot Ion: 56 Resp: 80388
Ion Ratio Lower Upper
56 100
55 71.3 57.9 86.9



#14
Acrylonitrile
Concen: 477.953 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 53 Resp: 758314
Ion Ratio Lower Upper
53 100
52 82.7 40.8 122.2
51 35.4 17.3 52.0





#15

Acetone

Concen: 486.818 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

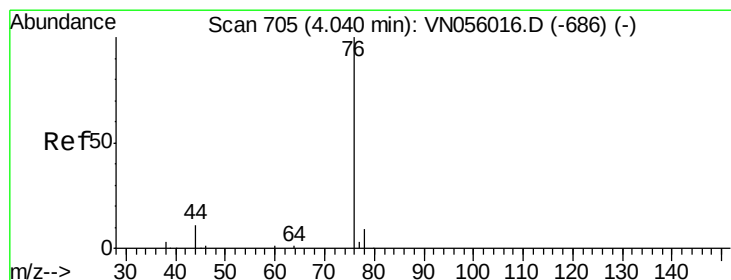
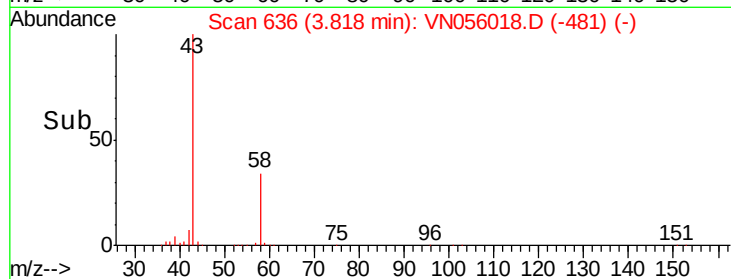
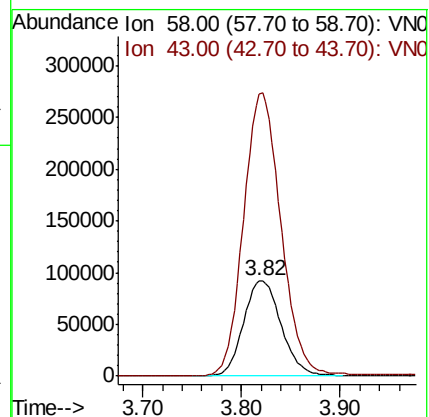
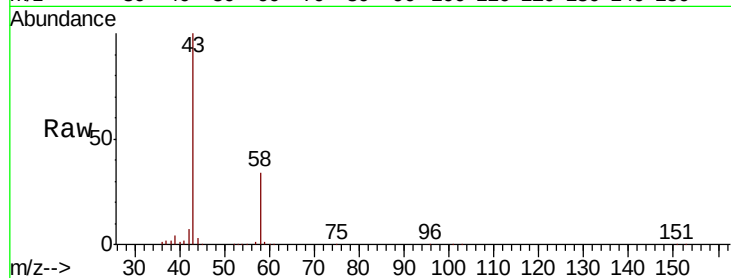
VSTDIC100

Tot Ion: 58 Resp: 244272

Ion Ratio Lower Upper

58 100

43 294.2 232.5 348.7



#16

Carbon Disulfide

Concen: 91.223 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056018.D

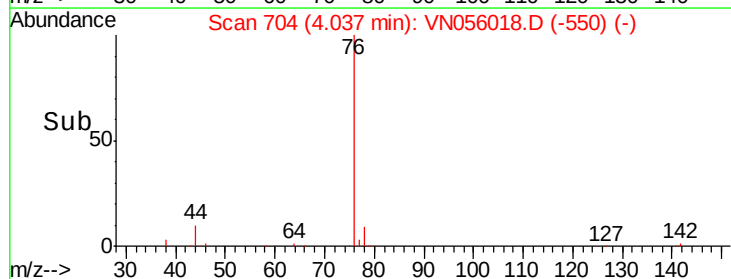
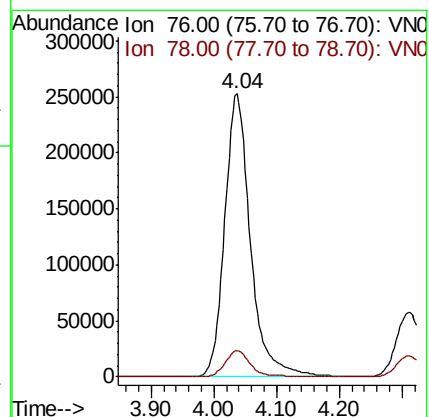
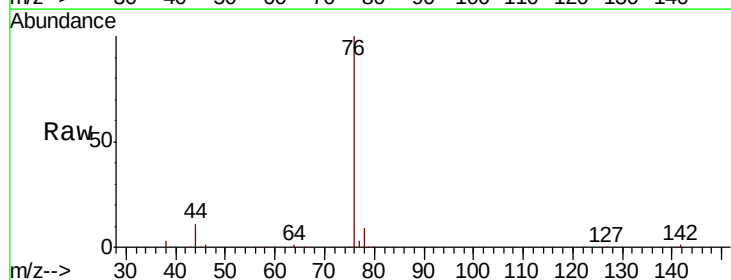
Acq: 5 Jun 2019 20:08

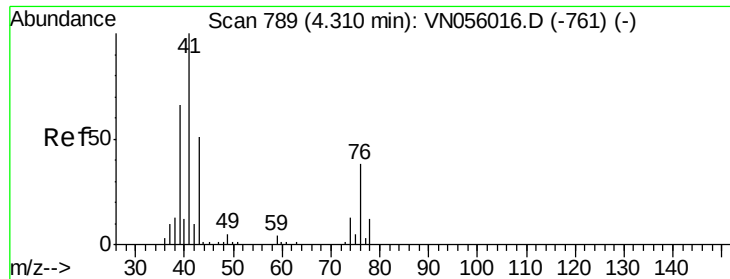
Tgt Ion: 76 Resp: 719326

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

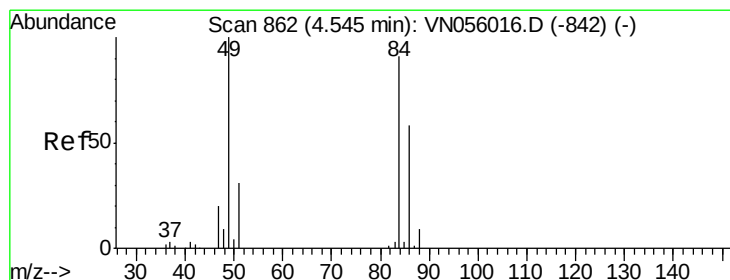
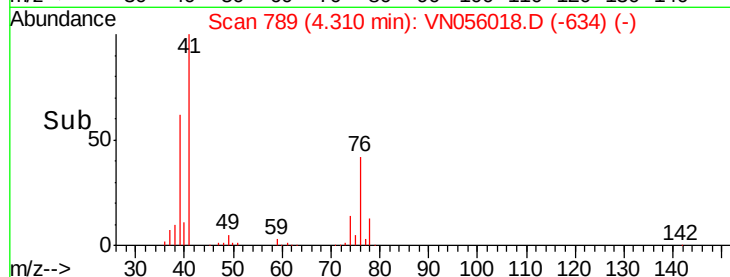
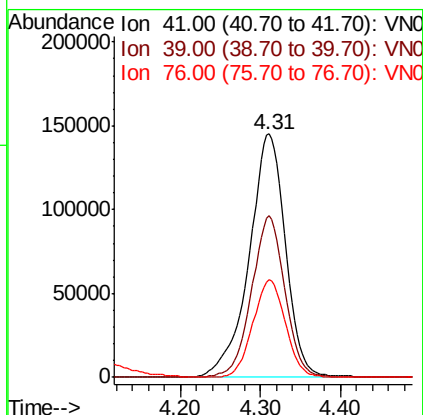
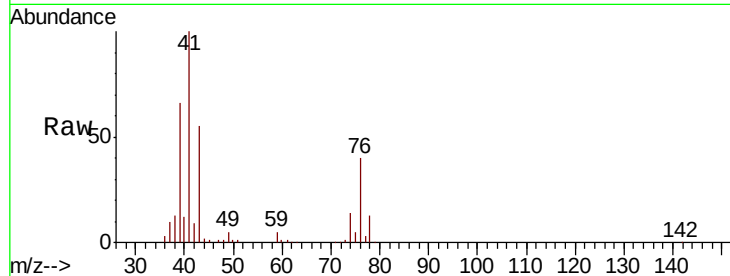




#17
Allvl chloride
Concen: 89.785 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

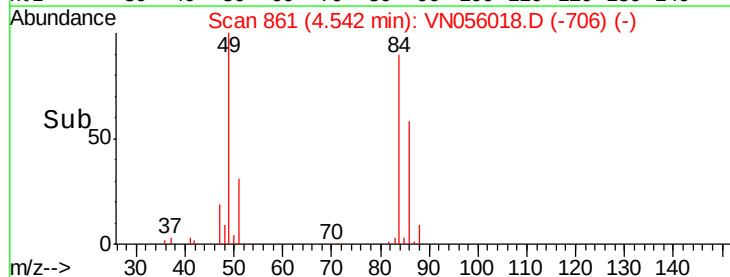
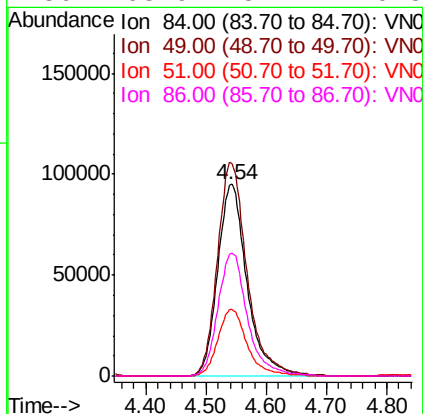
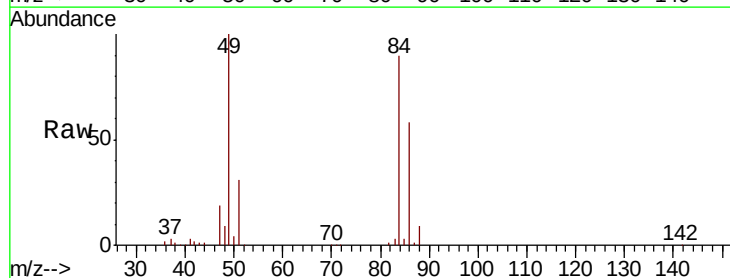
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

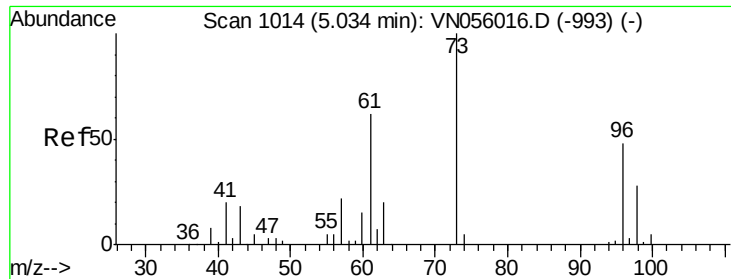
Tot Ion: 41 Resp: 450792
Ion Ratio Lower Upper
41 100
39 66.4 33.0 99.0
76 39.9 18.9 56.9



#18
Methylene Chloride
Concen: 97.306 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 84 Resp: 321134
Ion Ratio Lower Upper
84 100
49 110.9 87.6 131.4
51 34.6 27.0 40.4
86 63.9 51.2 76.8

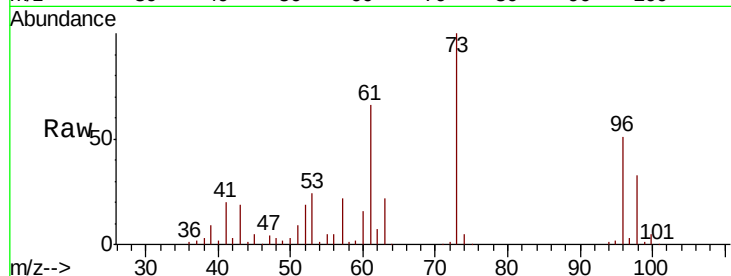




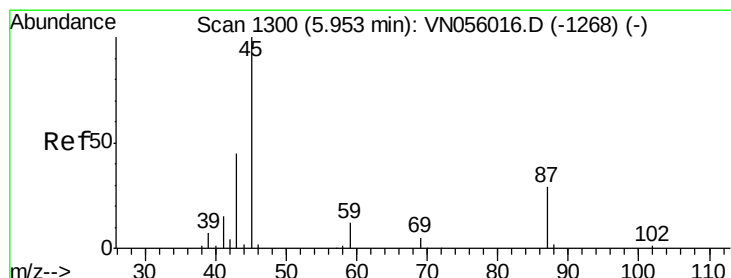
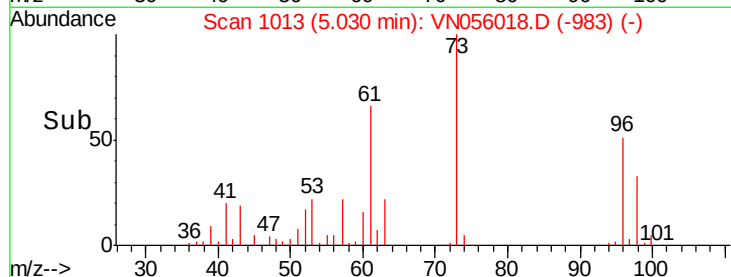
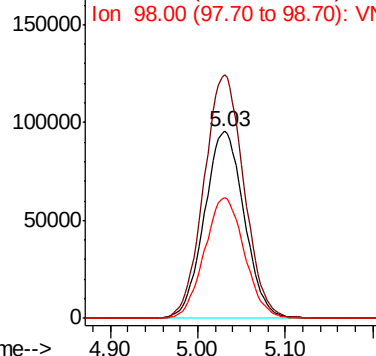
#19
trans-1,2-Dichloroethene
Concen: 97.574 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 96 Resp: 302023
Ion Ratio Lower Upper
96 100
61 130.0 102.5 153.7
98 64.7 46.9 70.3

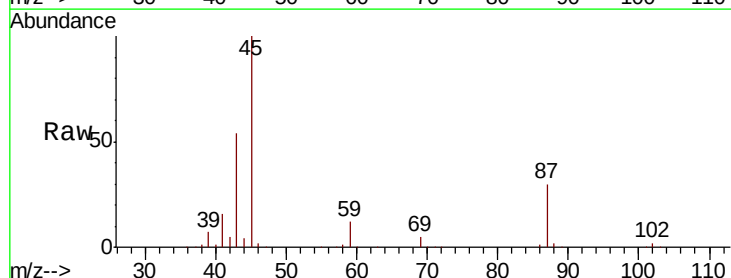


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

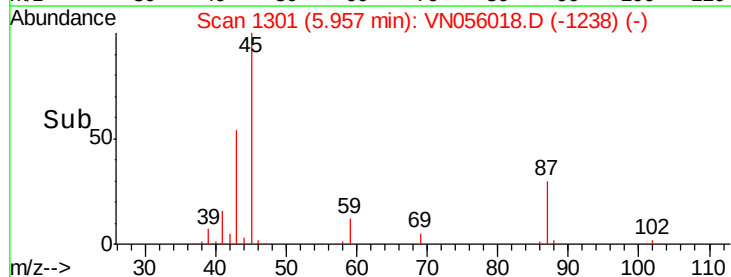
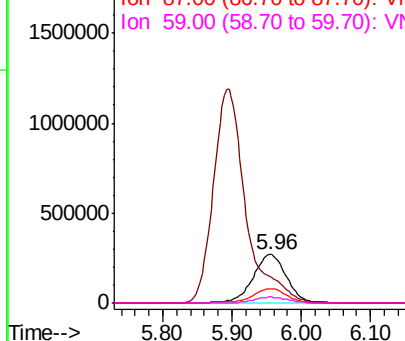


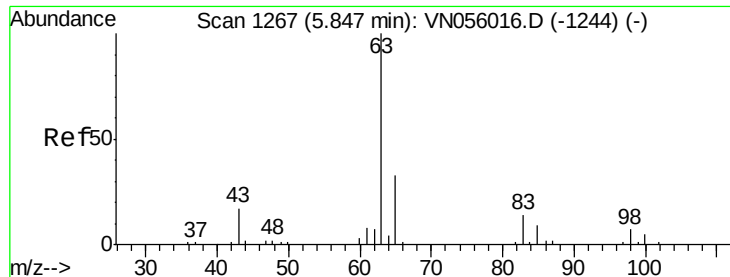
#20
Diisopropyl ether
Concen: 91.375 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 45 Resp: 906870
Ion Ratio Lower Upper
45 100
43 53.2 48.0 72.0
87 29.6 23.4 35.2
59 11.8 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: 94.085 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

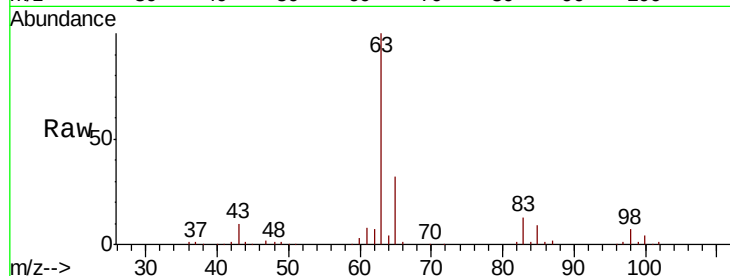
Tot Ion: 63 Resp: 528167

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

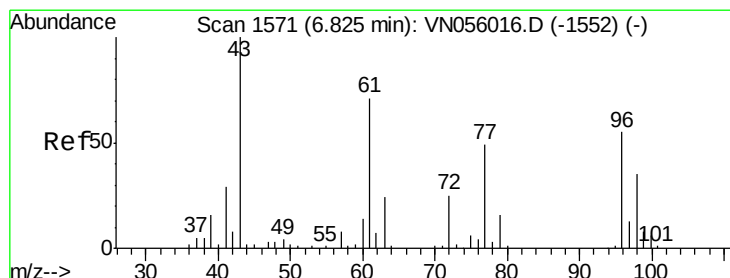
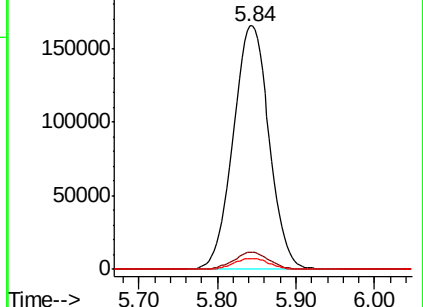
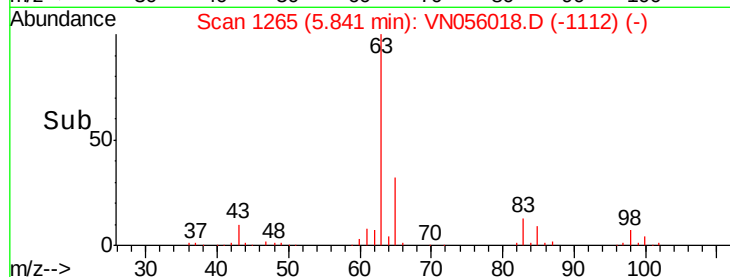
100 4.3 2.3 6.9



Abundance Ion 63.00 (62.70 to 63.70): VN056018.D (-1267) (-)

Ion 98.00 (97.70 to 98.70): VN056018.D (-1267) (-)

Ion 100.00 (99.70 to 100.70): VN056018.D (-1267) (-)



#22

cis-1,2-Dichloroethene

Concen: 97.457 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

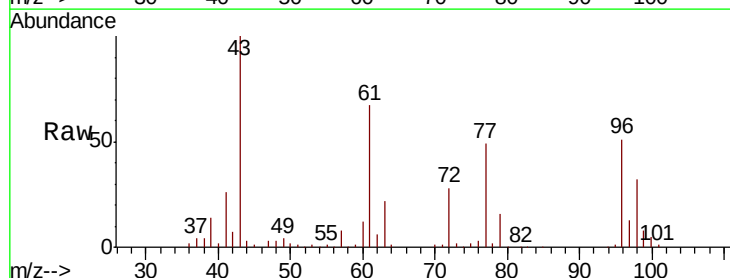
Tgt Ion: 96 Resp: 351926

Ion Ratio Lower Upper

96 100

61 132.8 105.7 158.5

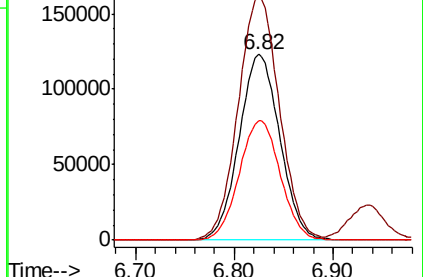
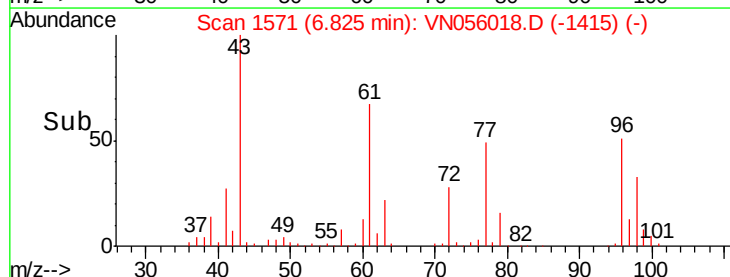
98 65.2 52.0 78.0

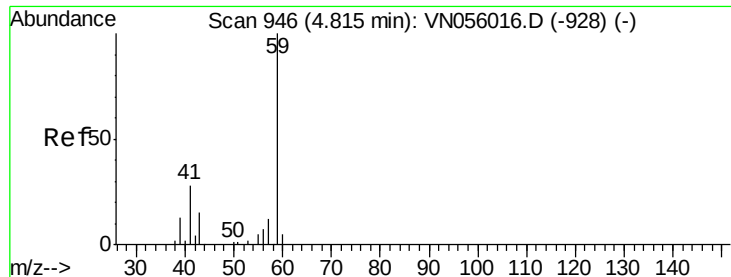


Abundance Ion 96.00 (95.70 to 96.70): VN056018.D (-1571) (-)

Ion 61.00 (60.70 to 61.70): VN056018.D (-1571) (-)

Ion 98.00 (97.70 to 98.70): VN056018.D (-1571) (-)





#23

tert-Butyl Alcohol

Concen: 442.630 ug/l

RT: 4.82 min Scan# 947

Delta R.T. 0.00 min

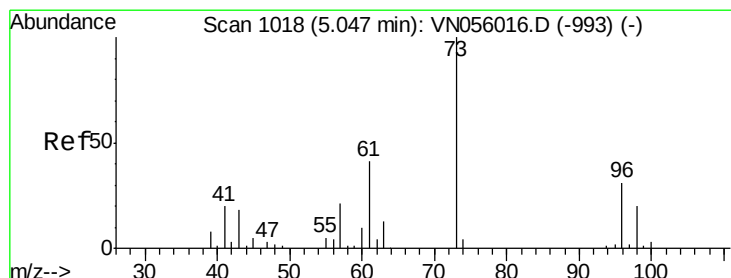
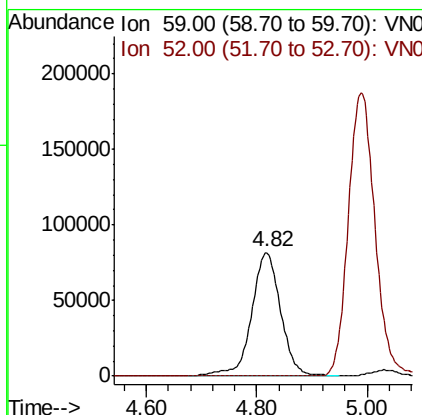
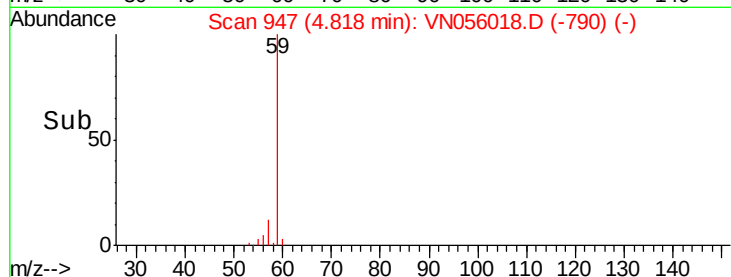
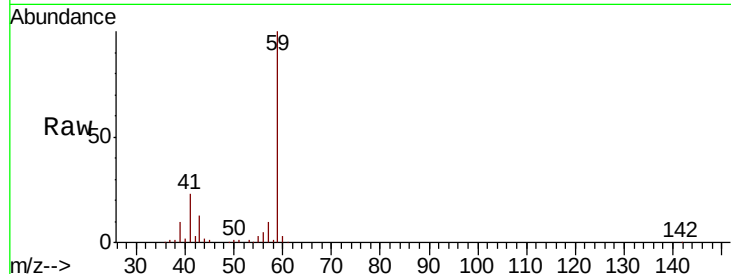
Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 59 Resp: 300509

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0#



#24

Methyl tert-Butyl Ether

Concen: 93.519 ug/l

RT: 5.05 min Scan# 1019

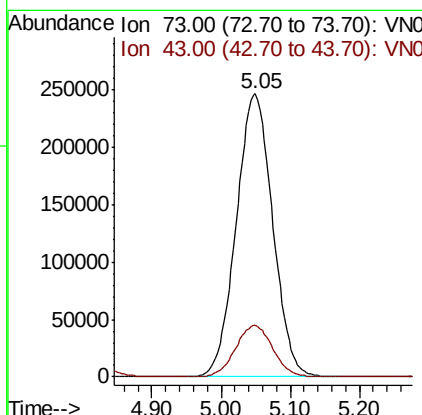
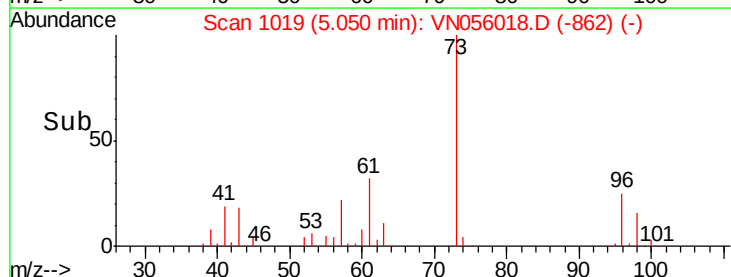
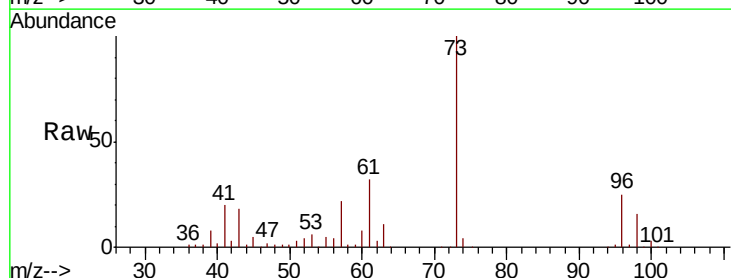
Delta R.T. 0.00 min

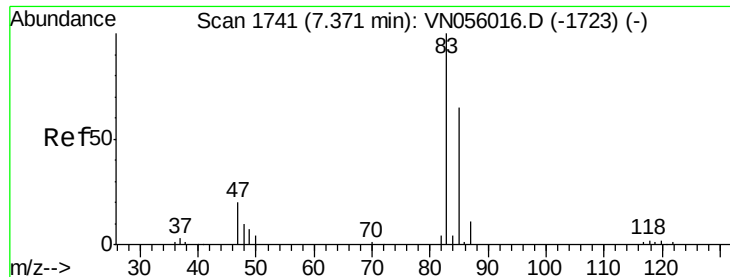
Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Tgt Ion: 73 Resp: 901748

Ion	Ratio	Lower	Upper
73	100		
43	18.2	15.4	23.0

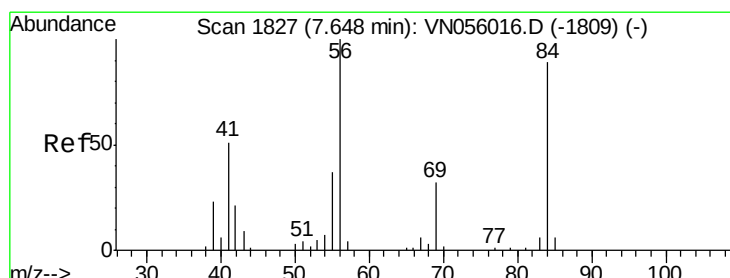
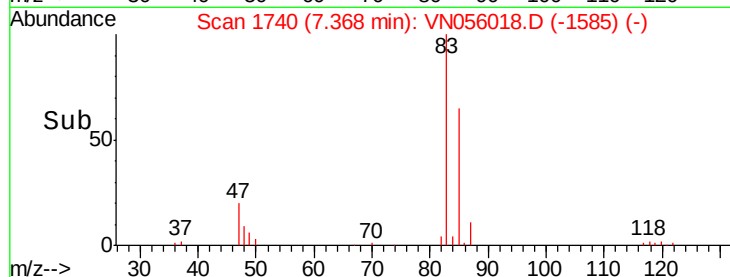
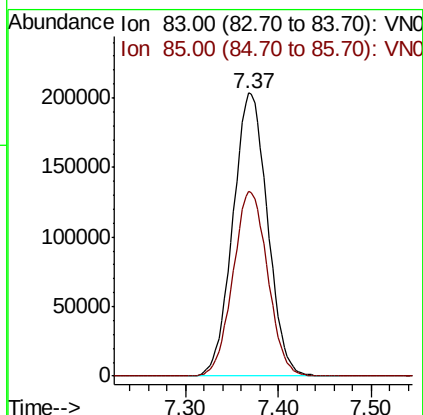
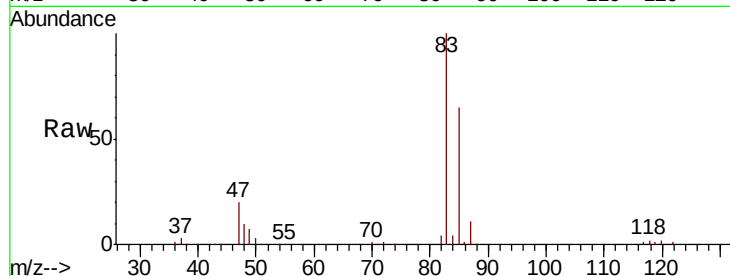




#25
Chloroform
Concen: 94.667 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

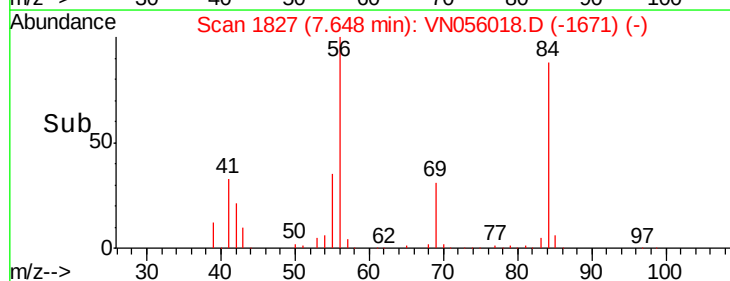
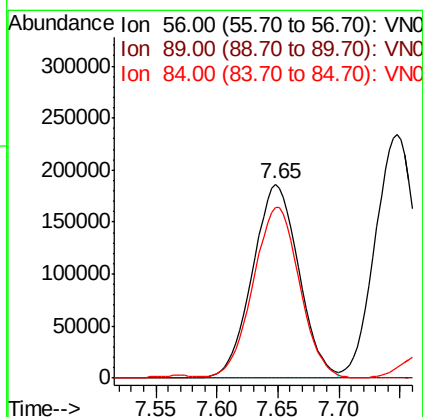
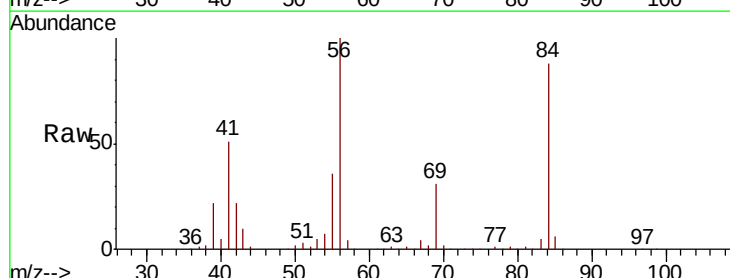
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

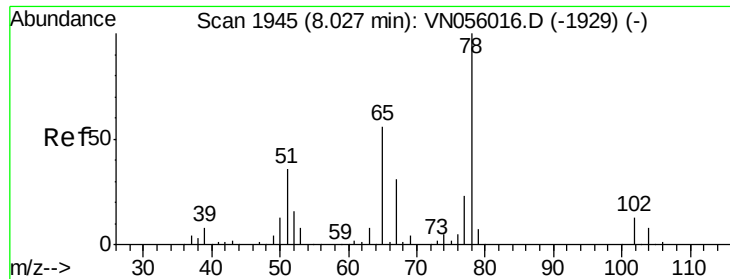
Tot Ion: 83 Resp: 526965
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0



#26
Cyclohexane
Concen: 94.477 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 56 Resp: 490919
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.9 70.1 105.1

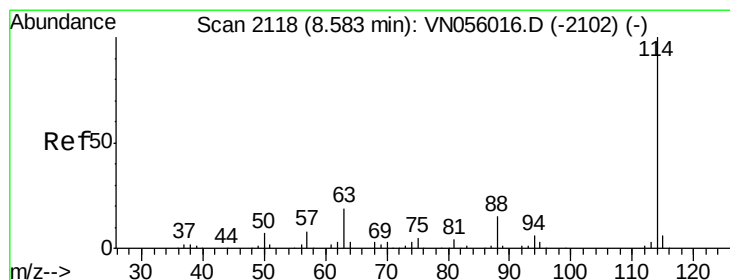
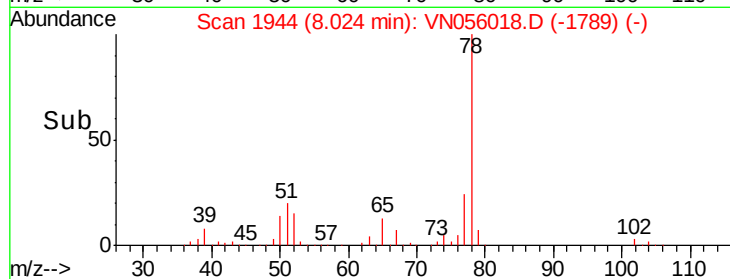
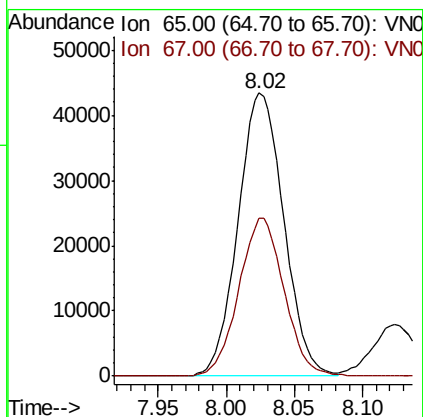
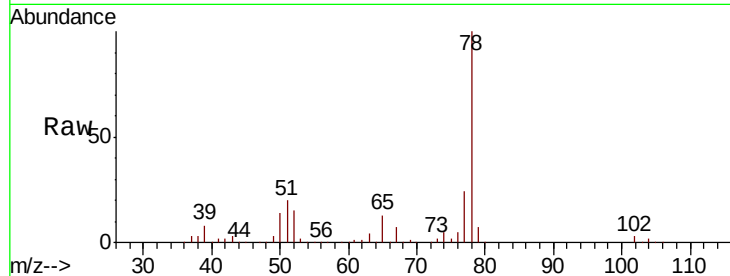




#27
 1,2-Dichloroethane-d4
 Concen: 28.441 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

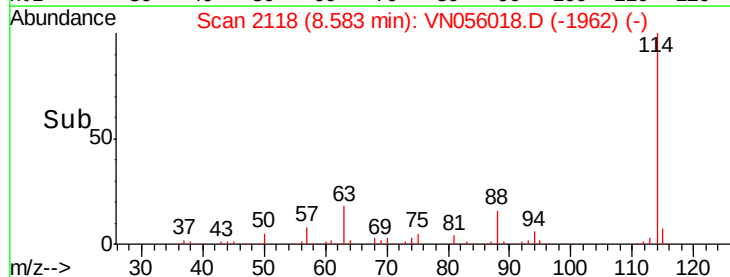
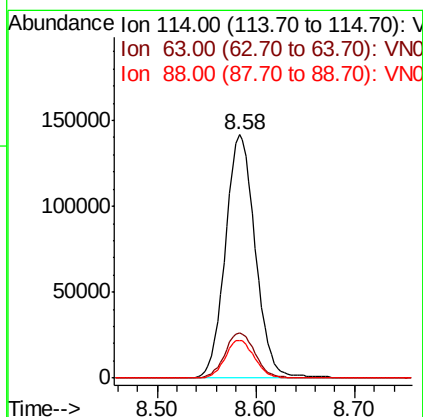
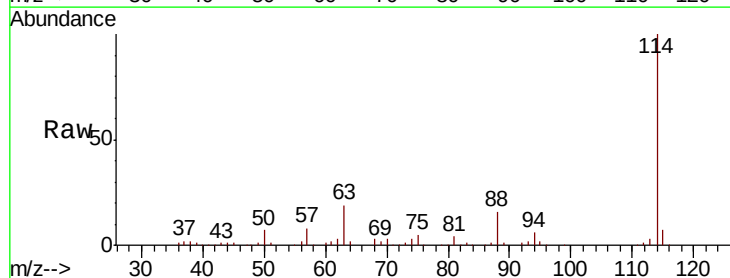
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

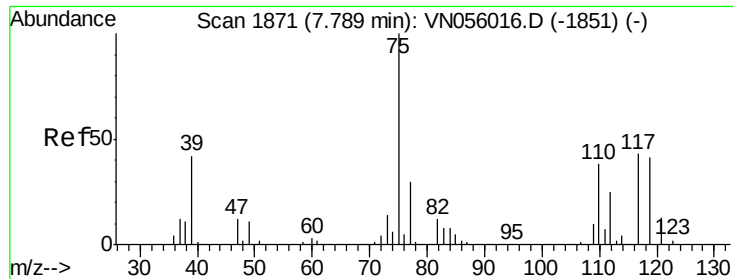
Tot Ion: 65 Resp: 100939
 Ion Ratio Lower Upper
 65 100
 67 55.1 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion: 114 Resp: 299182
 Ion Ratio Lower Upper
 114 100
 63 18.6 14.7 22.1
 88 15.3 11.9 17.9

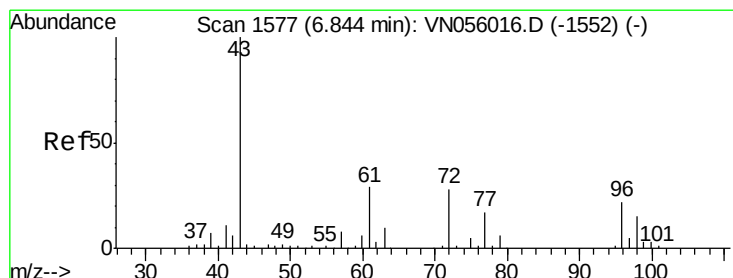
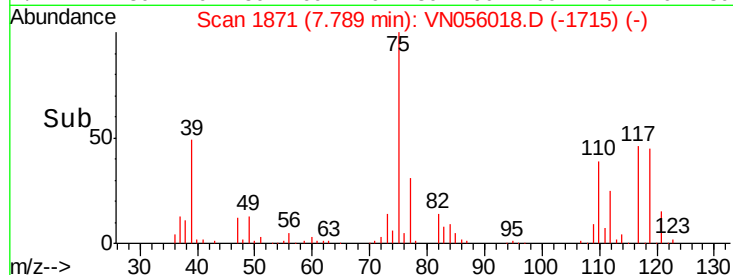
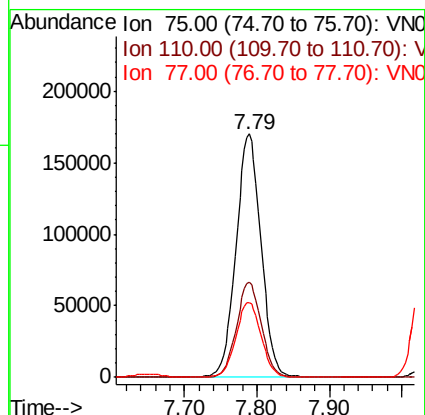
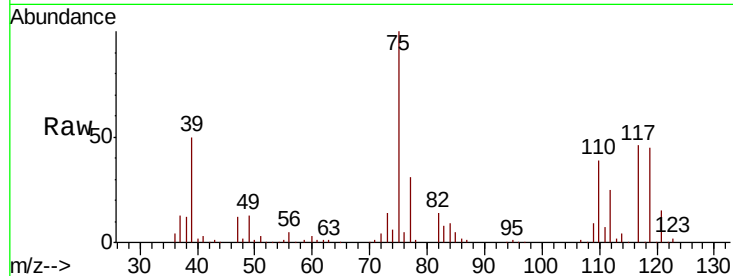




#29
 1,1-Dichloropropene
 Concen: 98.414 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

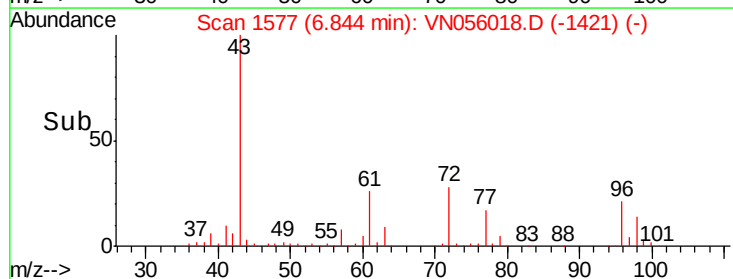
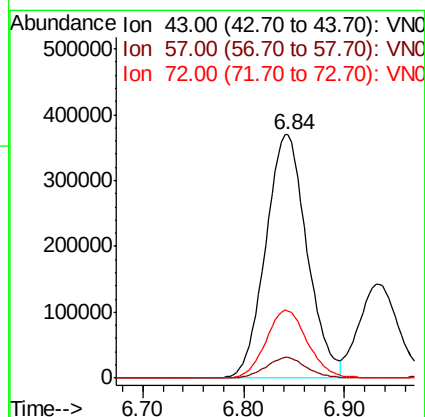
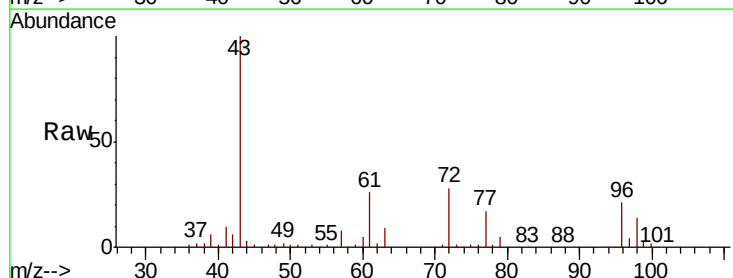
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

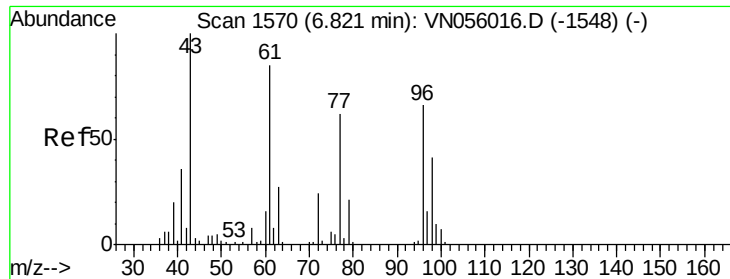
Tot Ion: 75 Resp: 407743
 Ion Ratio Lower Upper
 75 100
 110 38.7 0.0 77.0
 77 31.3 0.0 62.4



#30
 2-Butanone
 Concen: 477.598 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion: 43 Resp: 1051370
 Ion Ratio Lower Upper
 43 100
 57 8.4 6.7 10.1
 72 28.4 22.4 33.6

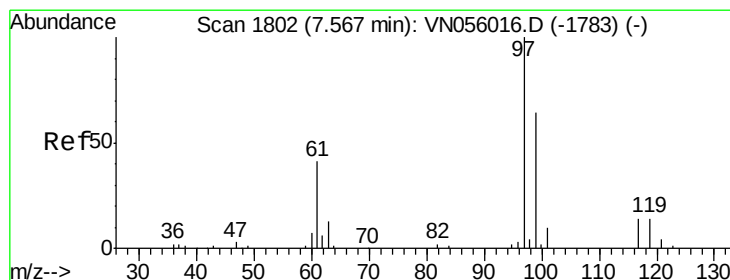
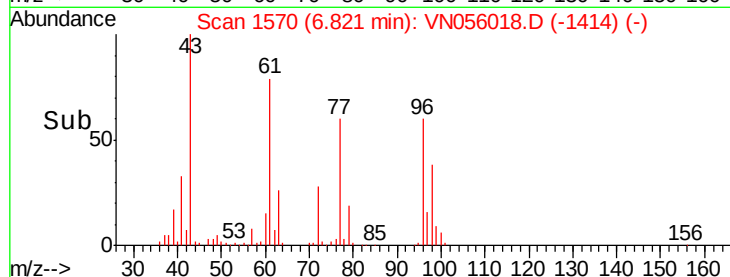
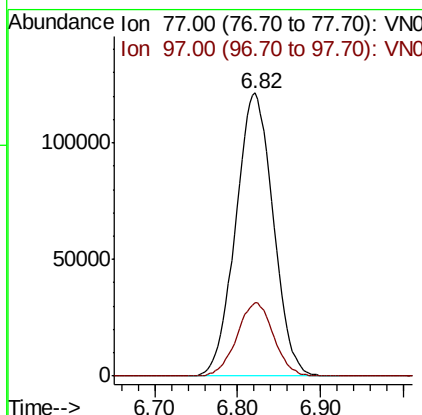
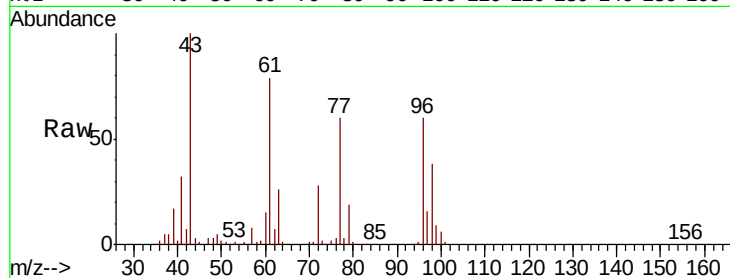




#31
 2,2-Dichloropropane
 Concen: 82.674 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

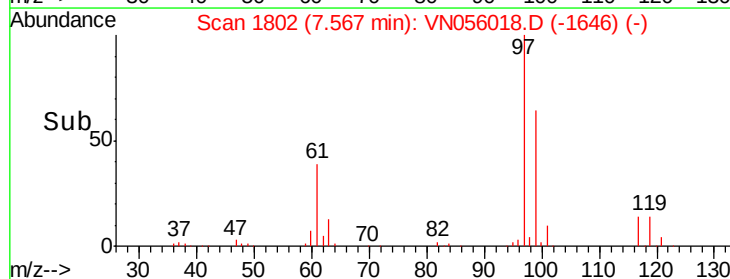
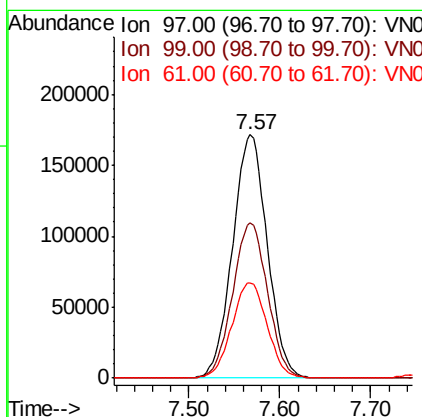
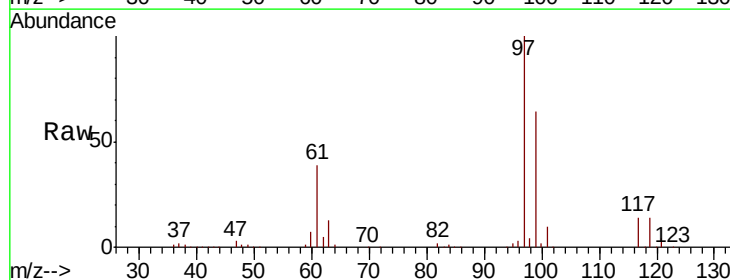
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

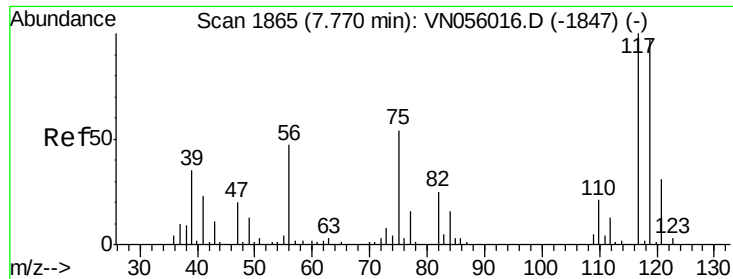
Tot Ion: 77 Resp: 380931
 Ion Ratio Lower Upper
 77 100
 97 25.4 20.8 31.2



#32
 1,1,1-Trichloroethane
 Concen: 93.797 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion: 97 Resp: 454090
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.5 77.3
 61 40.0 32.9 49.3





#33

Carbon Tetrachloride

Concen: 90.601 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

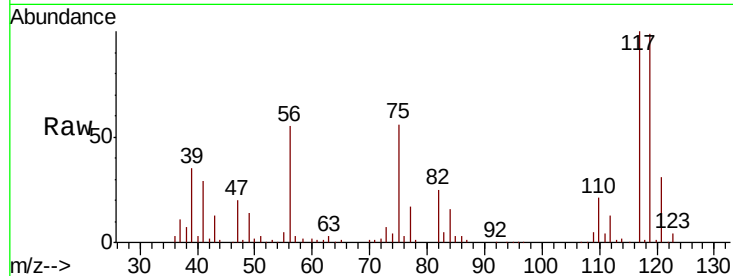
Tot Ion:117 Resp: 386839

Ion Ratio Lower Upper

117 100

119 99.3 77.3 115.9

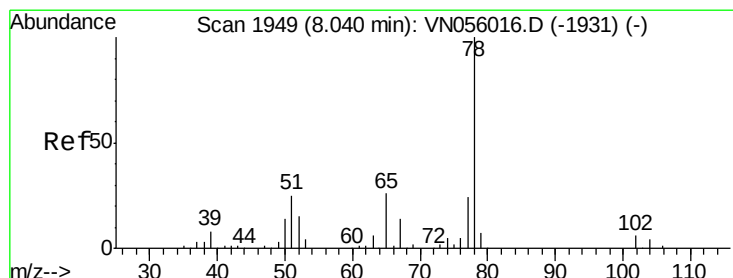
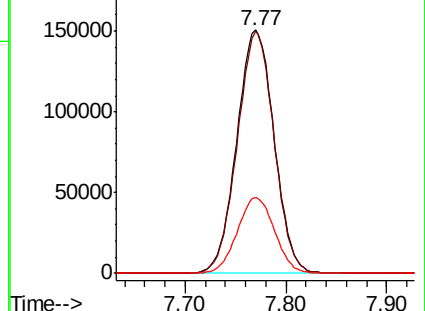
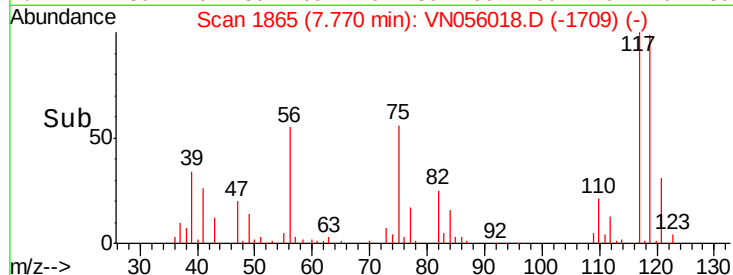
121 31.4 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 98.193 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

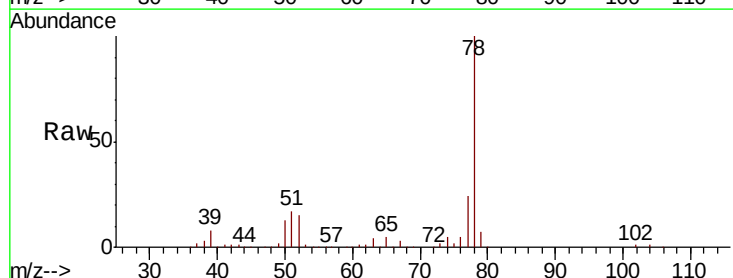
Tgt Ion: 78 Resp: 1265237

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

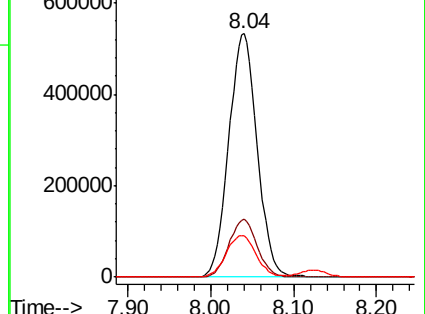
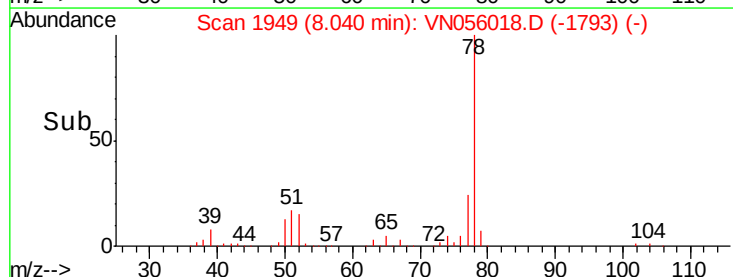
51 16.9 19.8 29.8#

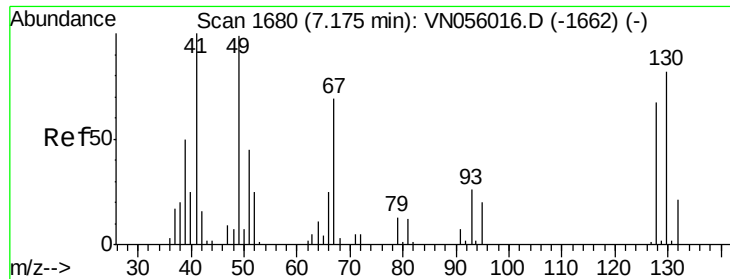


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

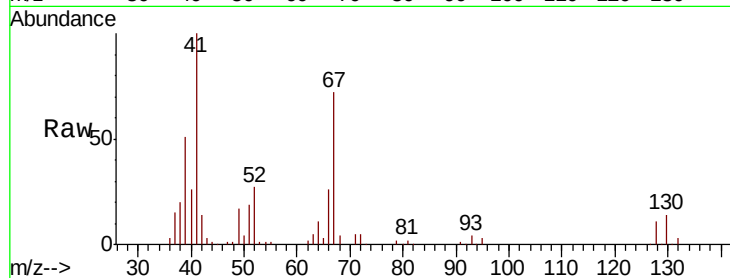




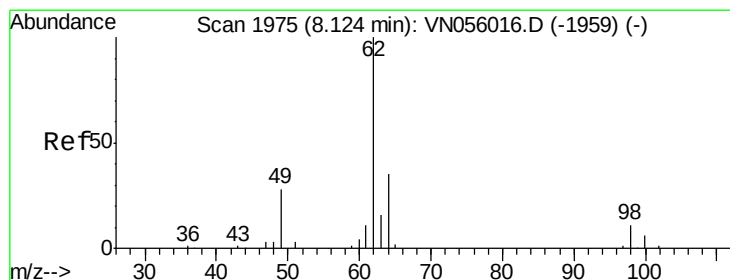
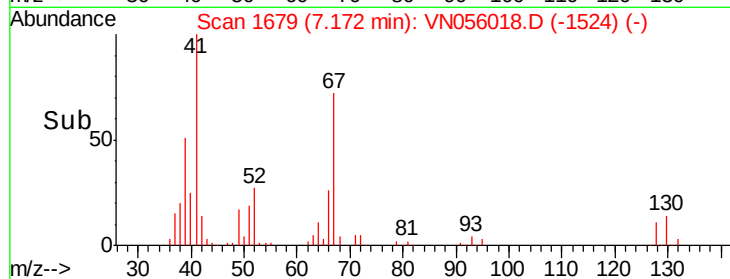
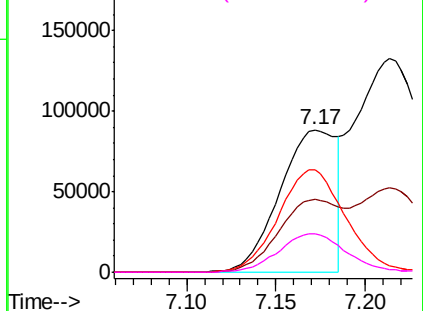
#35
Methacrylonitrile
Concen: 95.277 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	195455
Ion	Ratio	Lower	Upper
41	100		
39	50.8	24.8	74.3
67	72.3	34.3	102.9
52	26.4	12.6	37.8

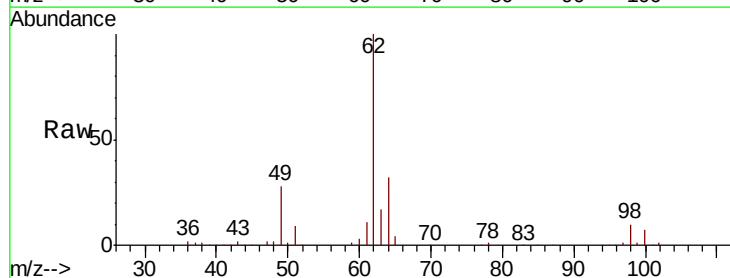


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

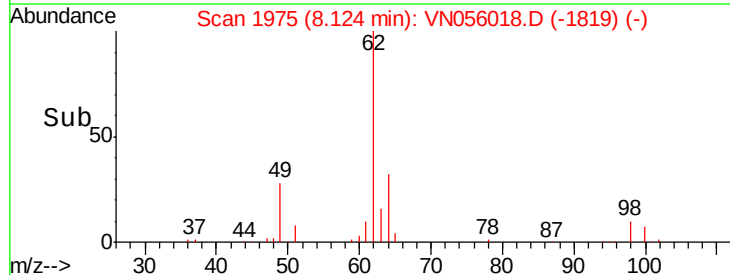
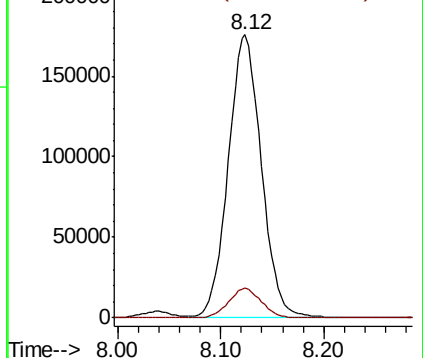


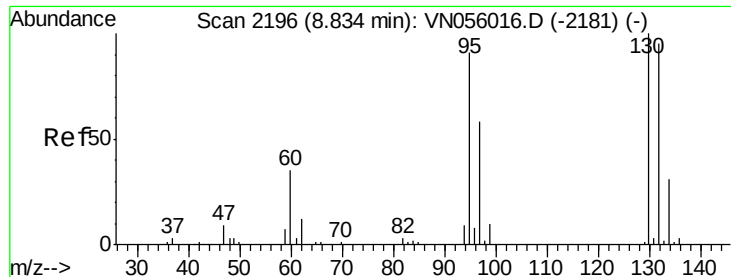
#36
1,2-Dichloroethane
Concen: 93.856 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion:	62	Resp:	391079
Ion	Ratio	Lower	Upper
62	100		
98	10.5	8.6	13.0



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

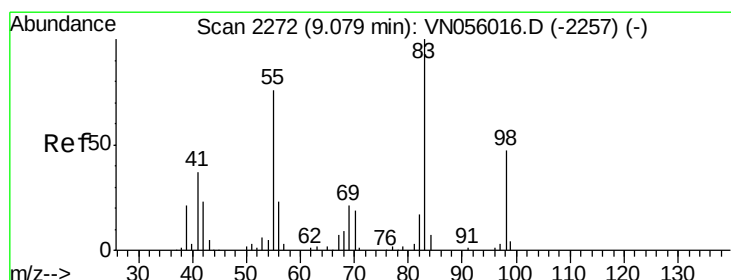
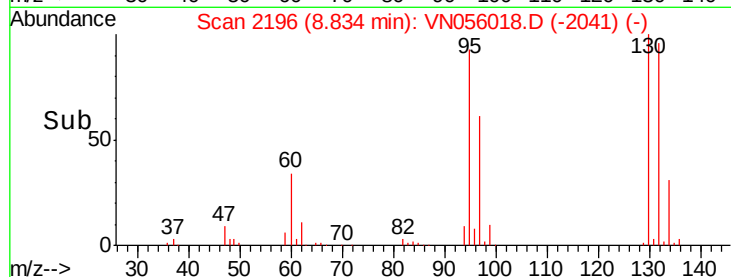
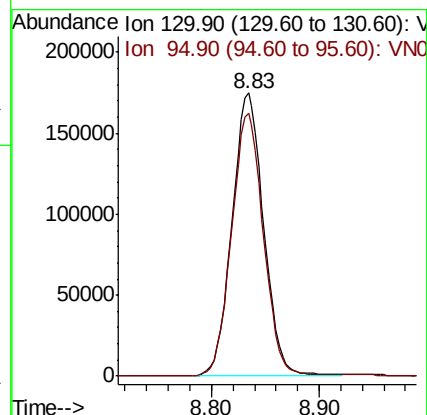
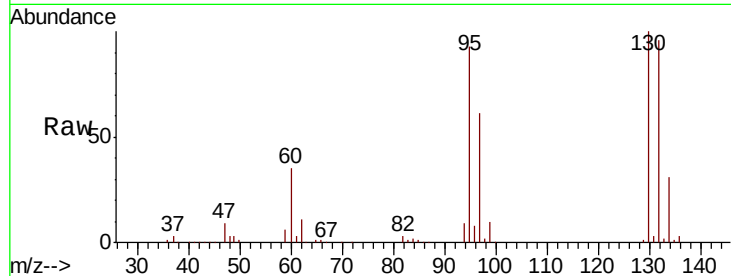




#37
 Trichloroethene
 Concen: 99.281 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

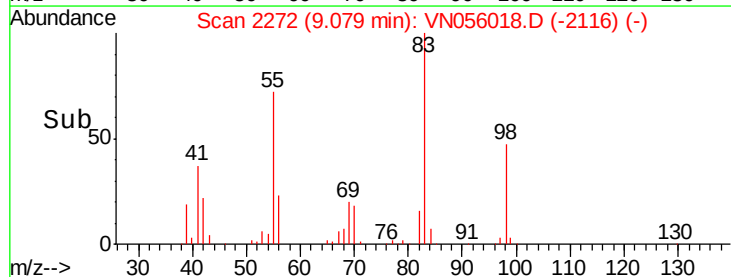
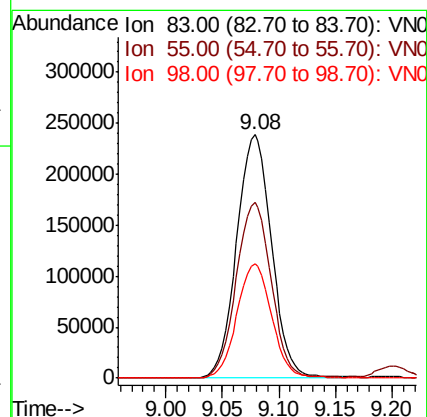
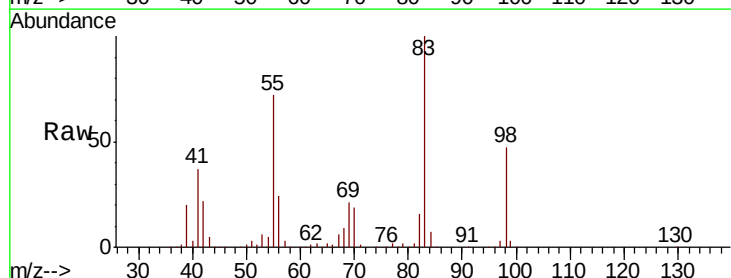
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

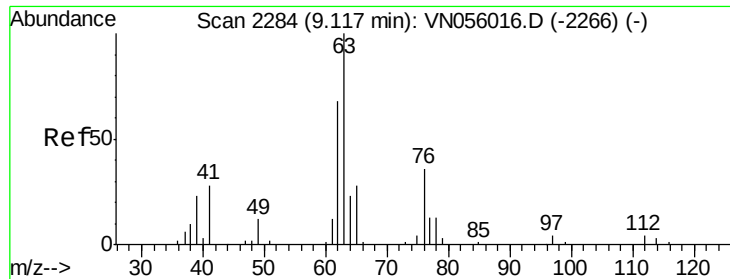
Tot Ion:130 Resp: 357974
 Ion Ratio Lower Upper
 130 100
 95 93.0 73.0 109.6



#38
 Methylcyclohexane
 Concen: 98.151 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion: 83 Resp: 515047
 Ion Ratio Lower Upper
 83 100
 55 72.2 37.5 112.7
 98 46.8 23.1 69.3





#39

1,2-Dichloropropane

Concen: 95.498 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

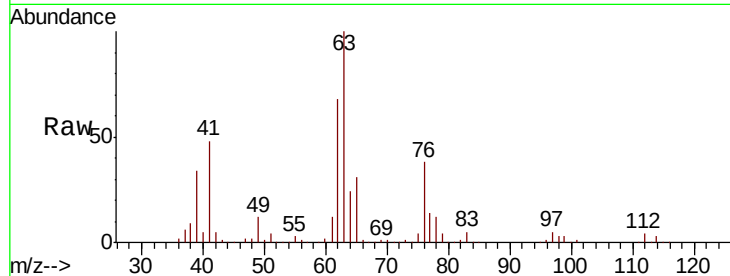
VSTDIC100

Tot Ion: 63 Resp: 327984

Ion Ratio Lower Upper

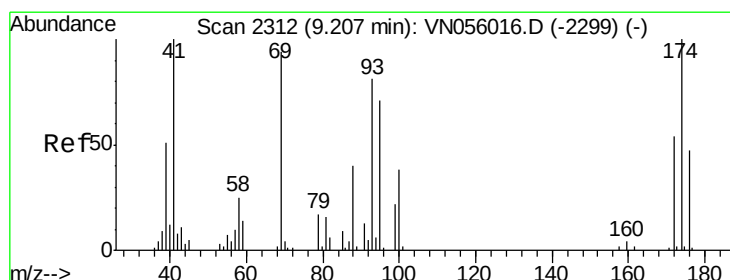
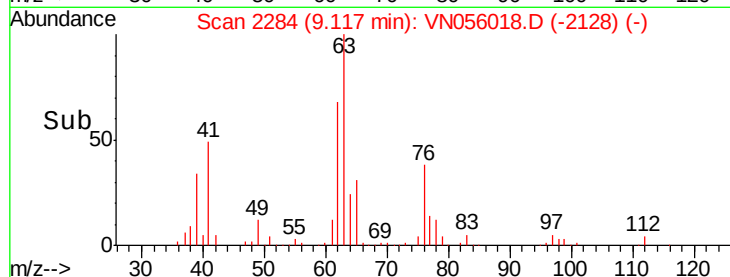
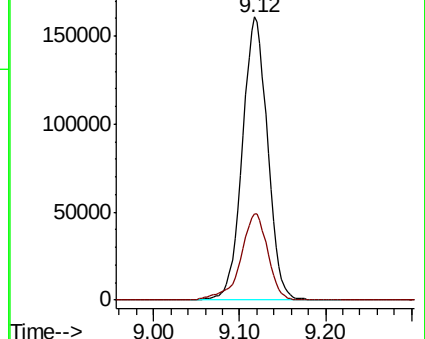
63 100

65 30.7 23.1 34.7



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 97.946 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

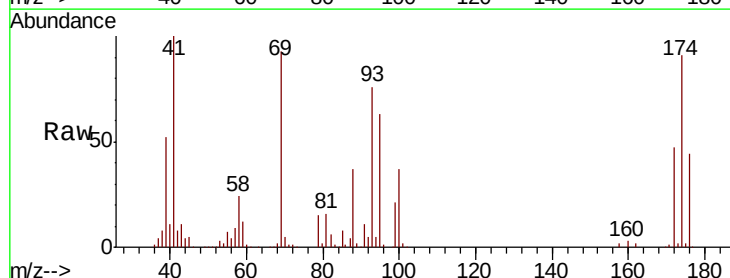
Tgt Ion: 93 Resp: 218552

Ion Ratio Lower Upper

93 100

95 83.5 0.0 169.0

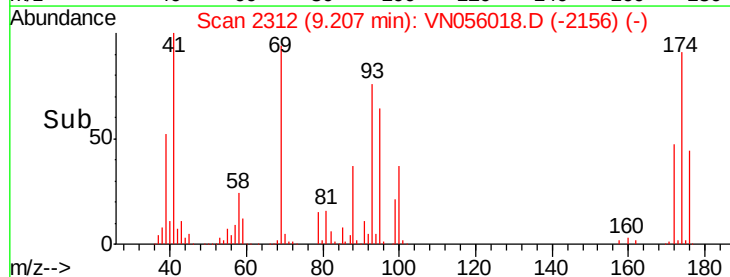
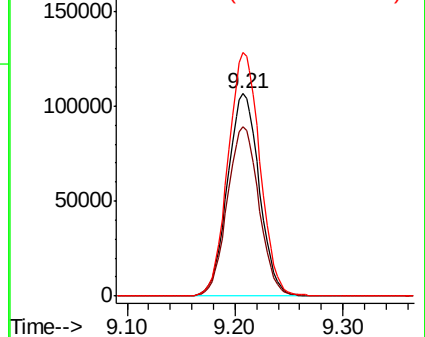
174 120.9 0.0 246.4

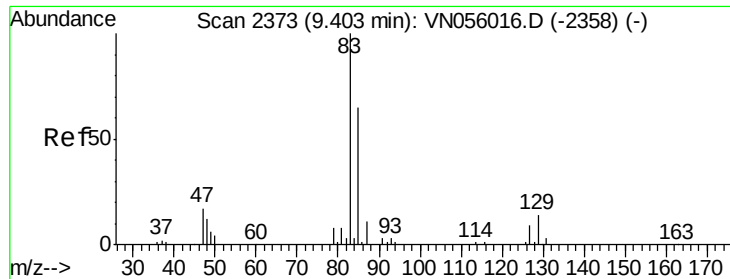


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 91.821 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

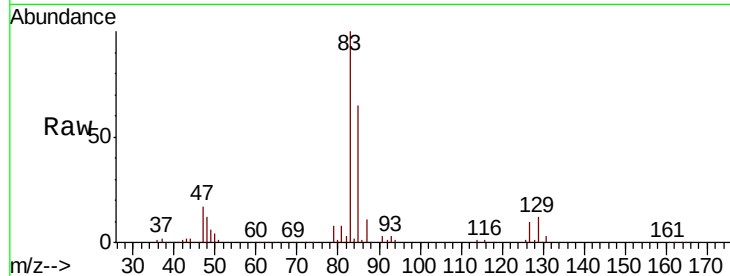
Tot Ion: 83 Resp: 406288

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.6

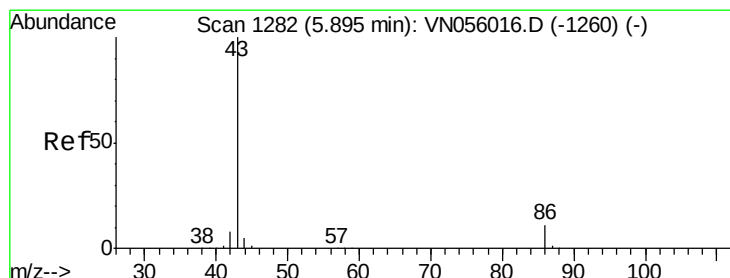
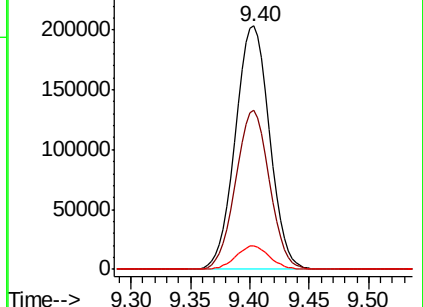
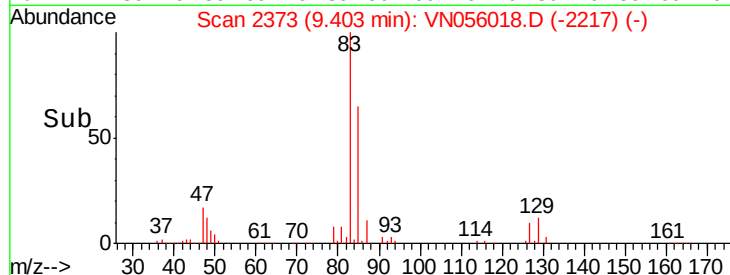
127 9.6 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VN056018.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN056018.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN056018.D (-2217) (-)



#42

Vinyl Acetate

Concen: 460.096 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056018.D

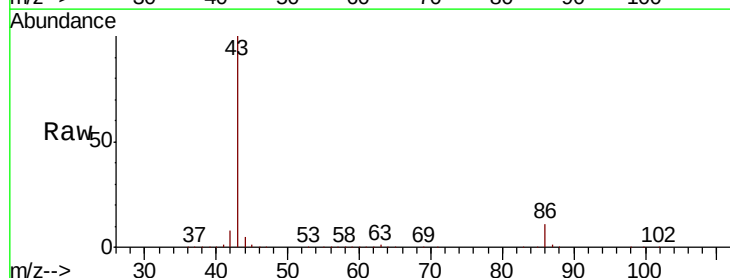
Acq: 5 Jun 2019 20:08

Tgt Ion: 43 Resp: 3861942

Ion Ratio Lower Upper

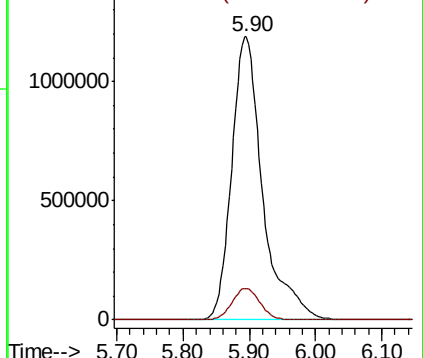
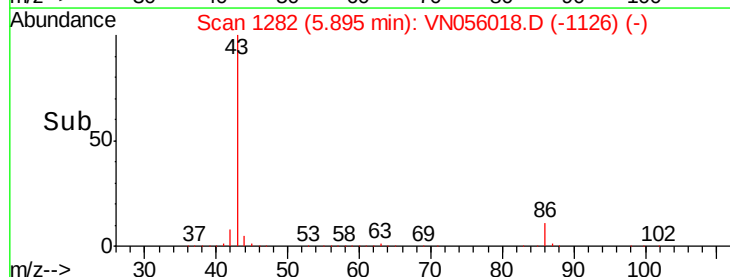
43 100

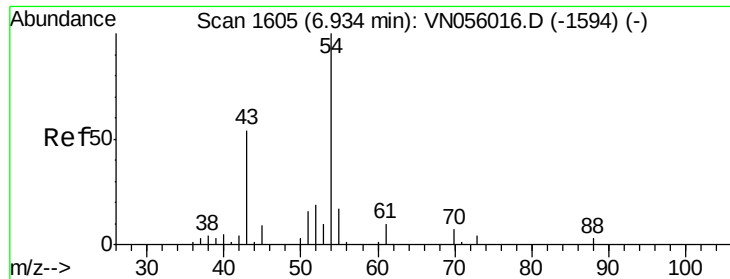
86 10.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN056018.D (-1126) (-)

Ion 86.00 (85.70 to 86.70): VN056018.D (-1126) (-)

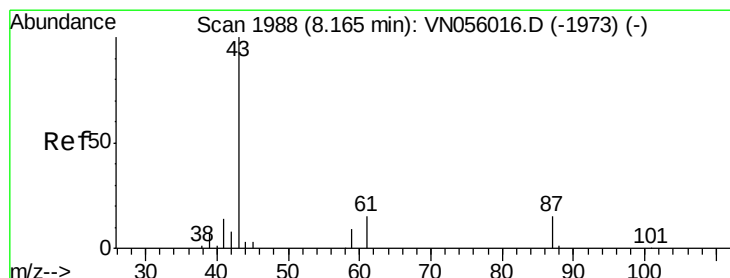
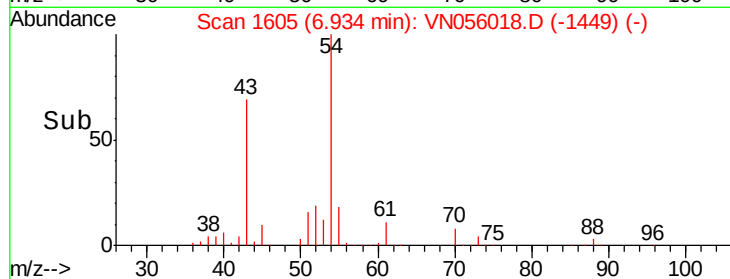
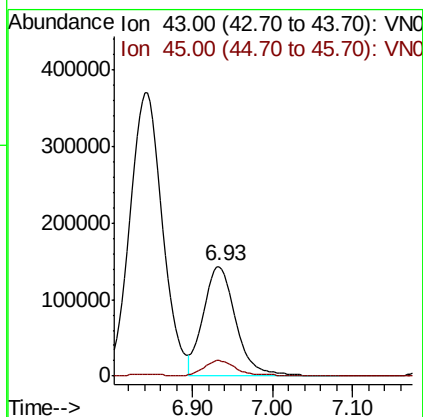
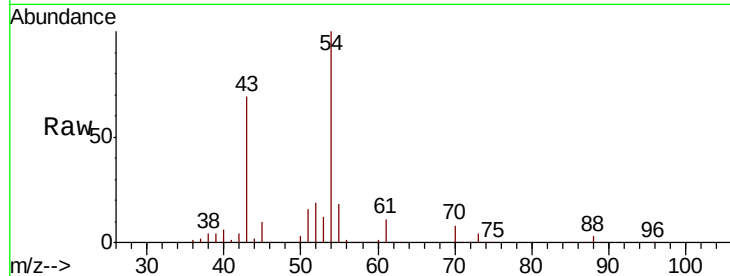




#43
Ethyl Acetate
Concen: 93.585 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

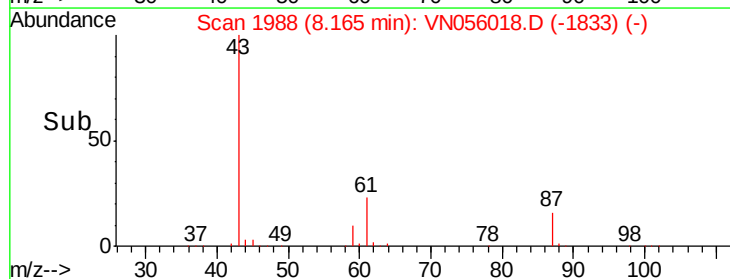
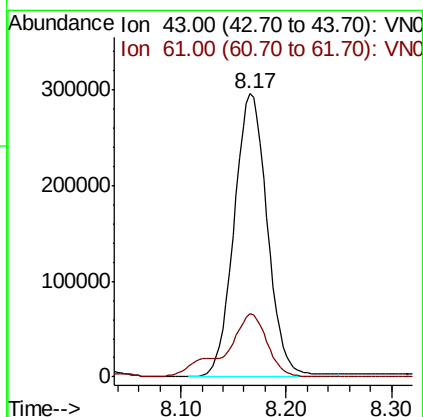
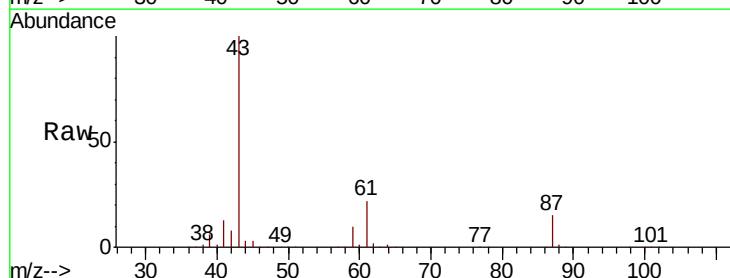
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

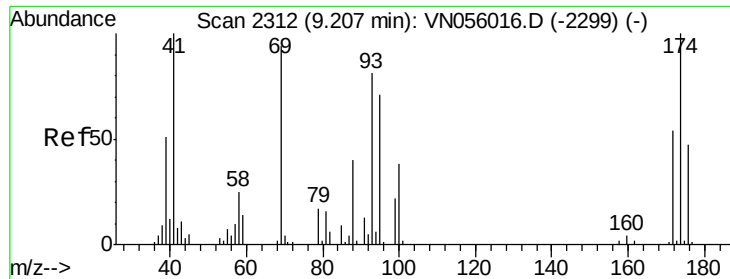
Tot Ion: 43 Resp: 401916
Ion Ratio Lower Upper
43 100
45 15.0 12.3 18.5



#44
Isopropyl Acetate
Concen: 91.973 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 43 Resp: 645474
Ion Ratio Lower Upper
43 100
61 22.4 16.9 25.3



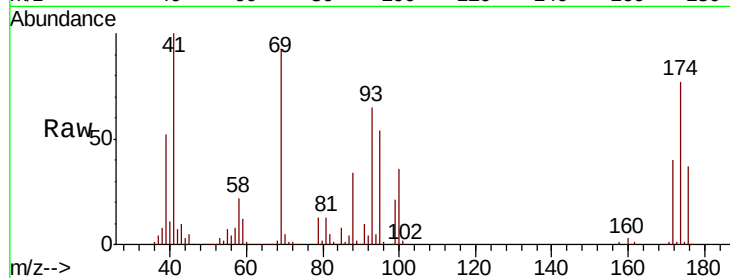


#45
 1,4-Dioxane
 Concen: 1967.008 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

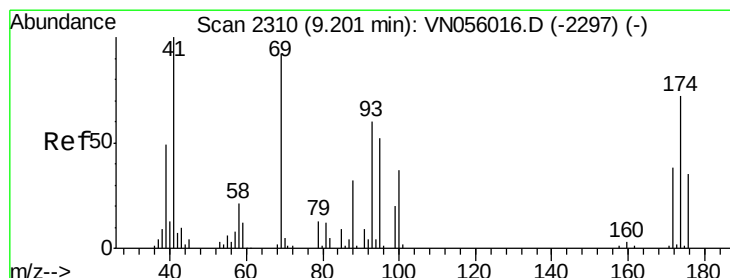
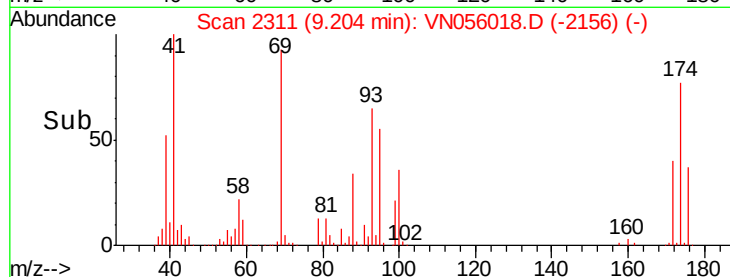
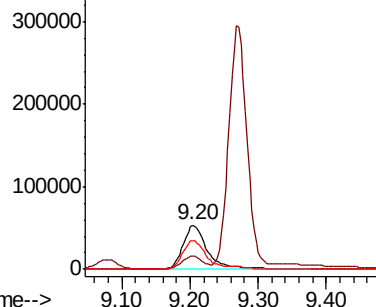
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 88 Resp: 133939

Ion	Ratio	Lower	Upper
88	100		
43	24.6	19.8	29.6
58	61.8	48.5	72.7



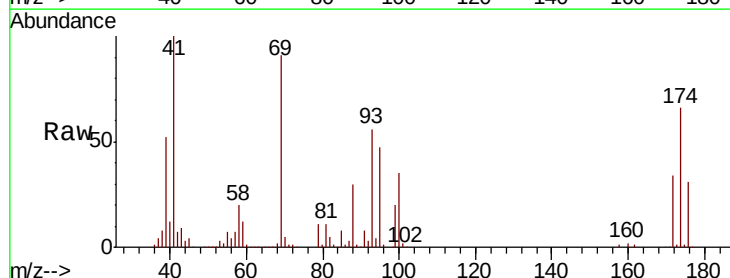
Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0



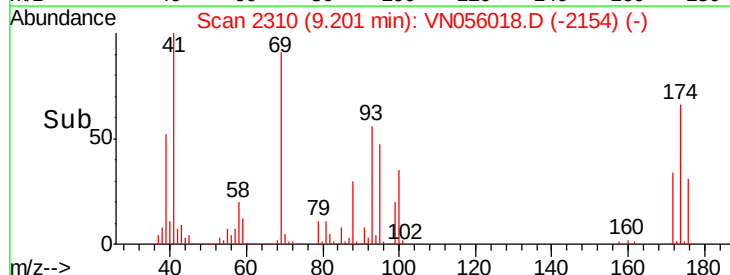
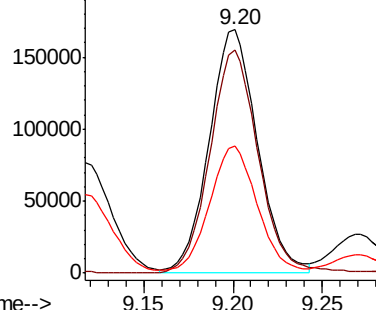
#46
 Methyl methacrylate
 Concen: 97.081 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

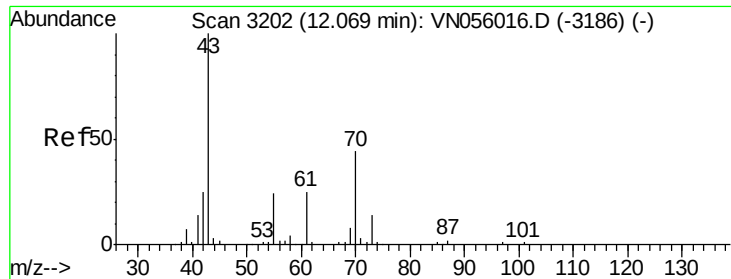
Tgt Ion: 41 Resp: 318857

Ion	Ratio	Lower	Upper
41	100		
69	92.4	46.0	137.8
39	51.6	24.6	73.8



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





#47

n-amvl Acetate

Concen: 94.426 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

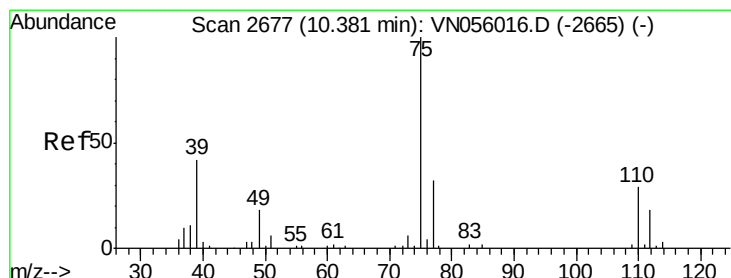
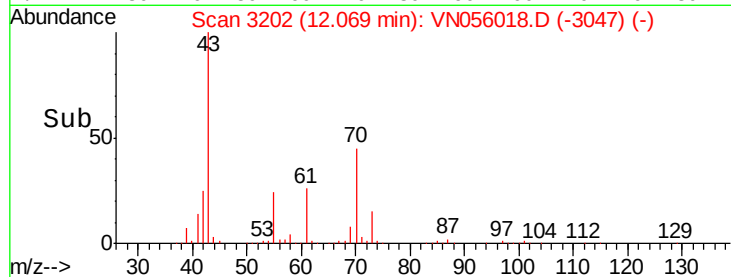
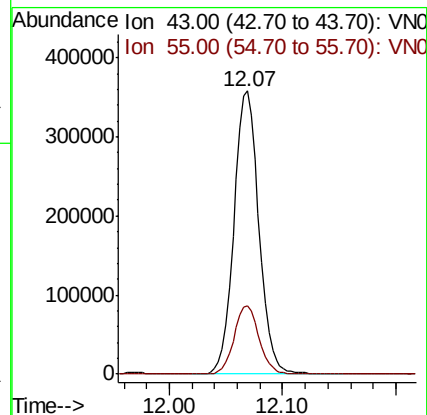
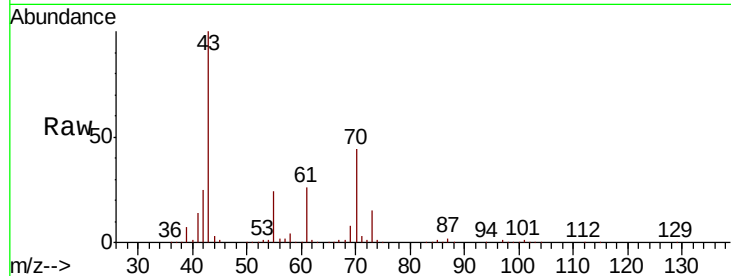
VSTDIC100

Tot Ion: 43 Resp: 546348

Ion Ratio Lower Upper

43 100

55 24.3 19.0 28.6



#48

t-1,3-Dichloropropene

Concen: 92.723 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056018.D

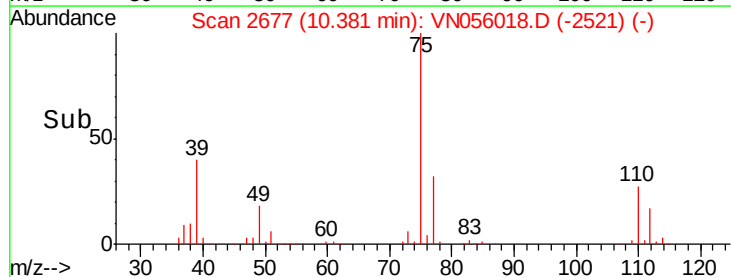
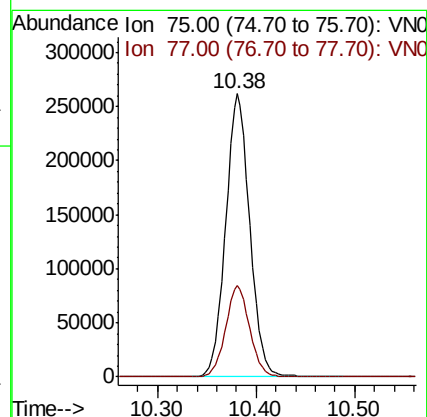
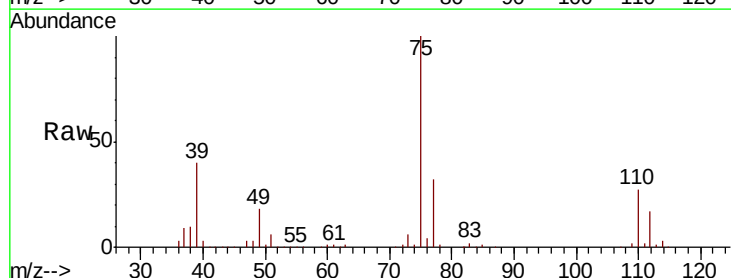
Acq: 5 Jun 2019 20:08

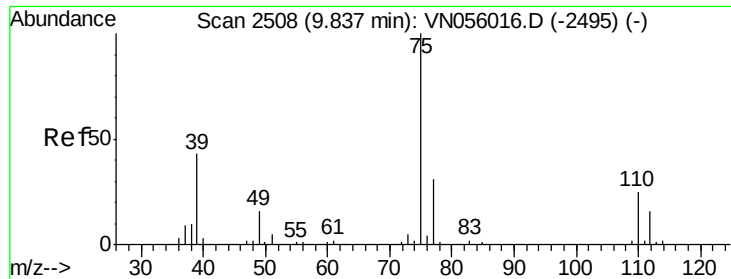
Tgt Ion: 75 Resp: 447872

Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0

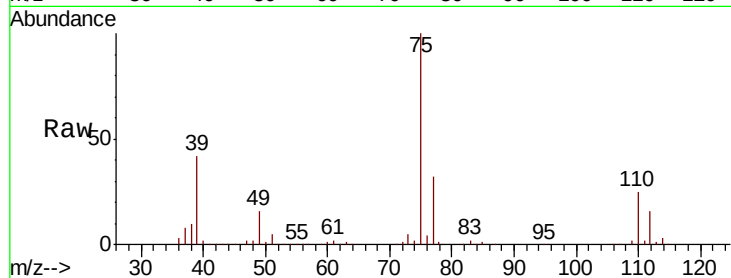




#49
 cis-1,3-Dichloropropene
 Concen: 94.231 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7
39	42.1	34.3	51.5

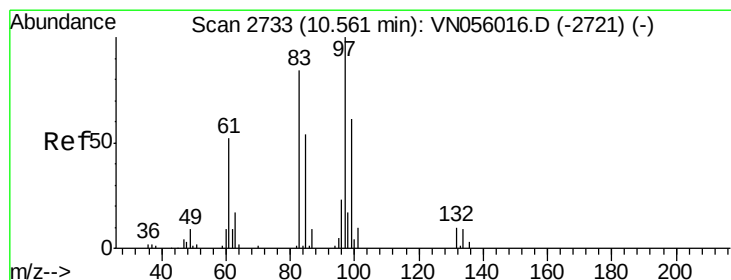
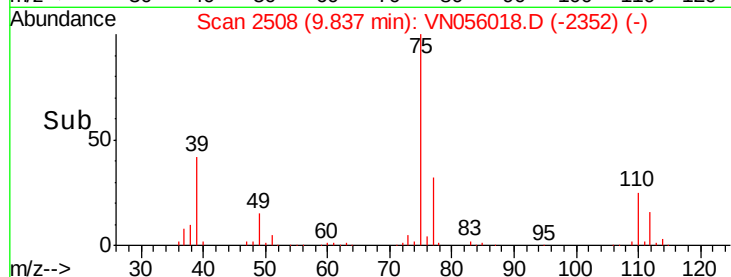
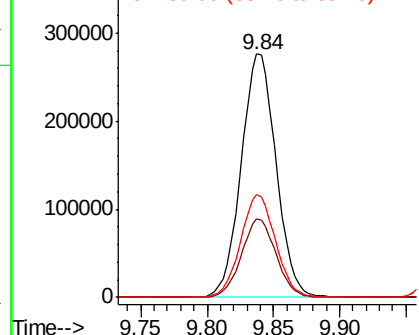


Abundance

Ion 75.00 (74.70 to 75.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

Ion 39.00 (38.70 to 39.70): VNO



#50
 1,1,2-Trichloroethane
 Concen: 98.600 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.9	100.3
85	55.8	43.3	64.9
99	62.8	48.6	73.0

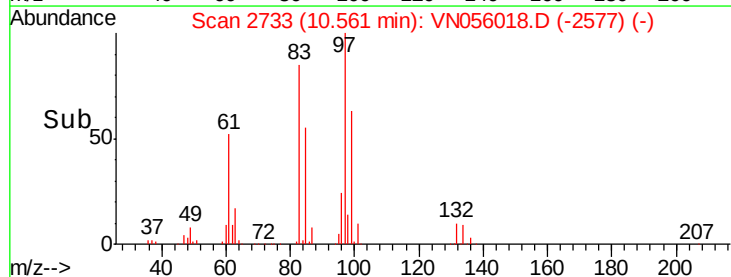
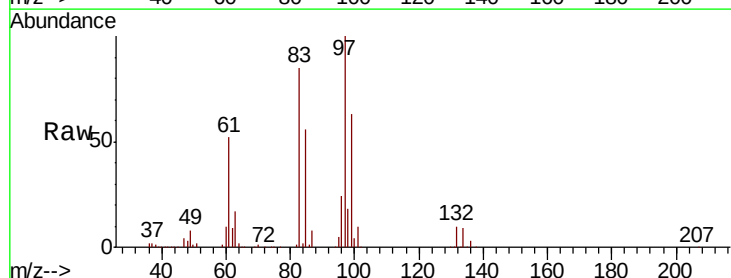
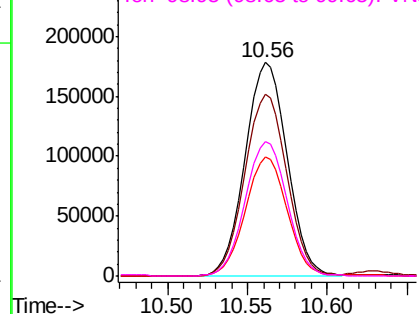
Abundance

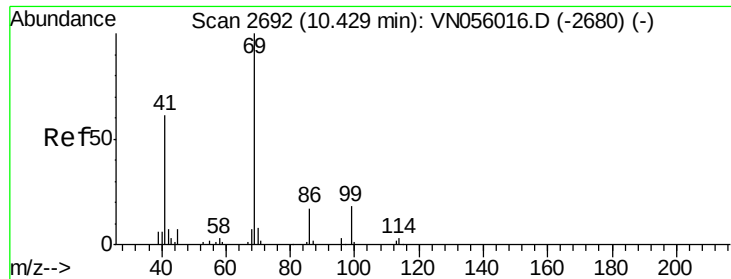
Ion 97.00 (96.70 to 97.70): VNO

Ion 82.95 (82.65 to 83.65): VNO

Ion 84.95 (84.65 to 85.65): VNO

Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 98.162 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

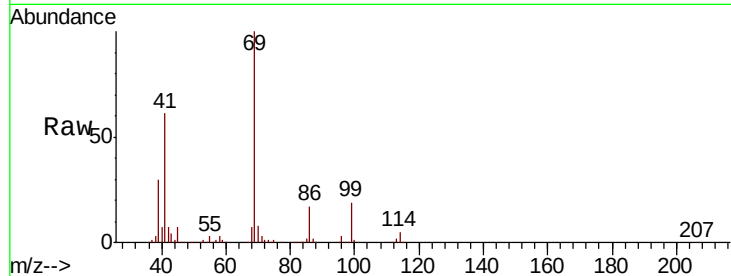
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 69 Resp: 504999

Ion	Ratio	Lower	Upper
69	100		
41	61.3	30.8	92.3
39	29.9	14.5	43.6

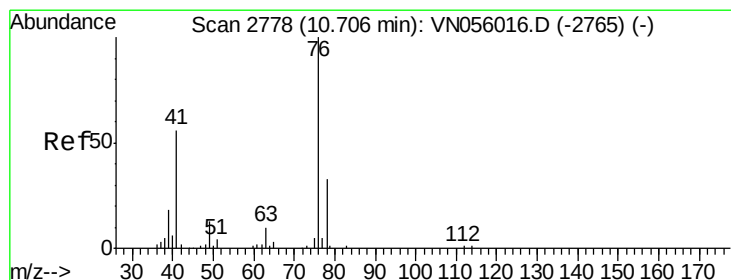
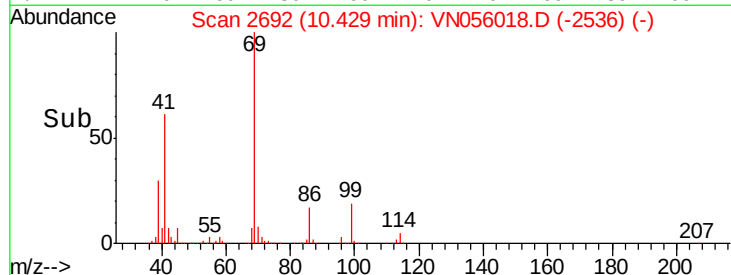
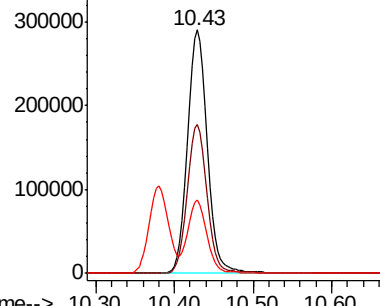


Abundance

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: 98.122 ug/l

RT: 10.71 min Scan# 2778

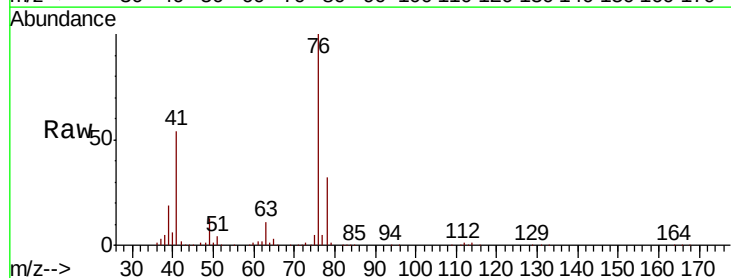
Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Tgt Ion: 76 Resp: 523659

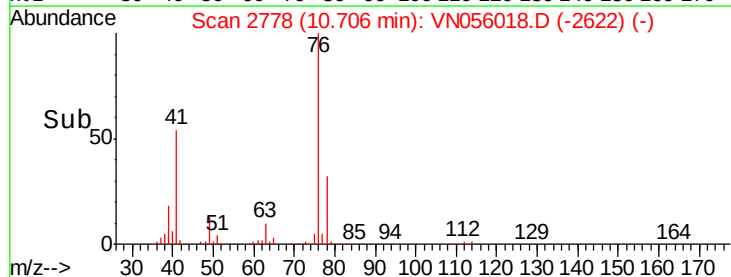
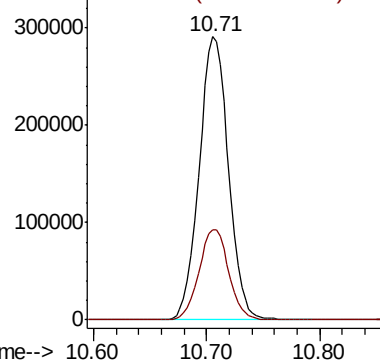
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.4

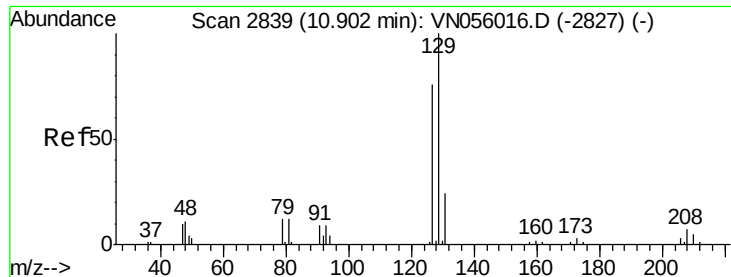


Abundance

Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 94.204 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

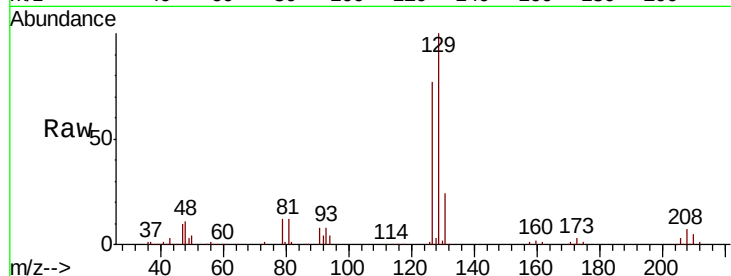
VSTDIC100

Tot Ion:129 Resp: 346087

Ion Ratio Lower Upper

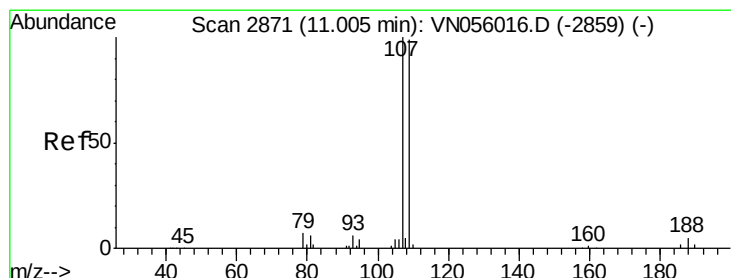
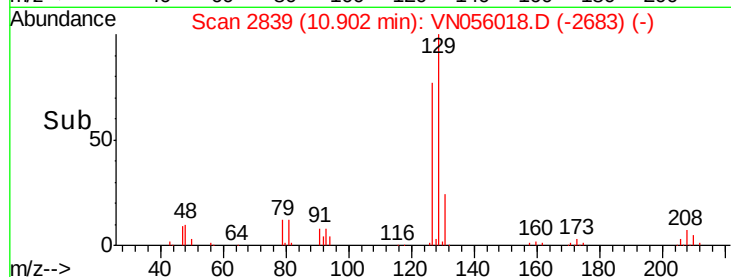
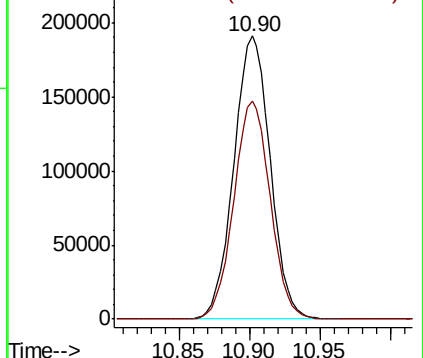
129 100

127 77.1 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 101.684 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056018.D

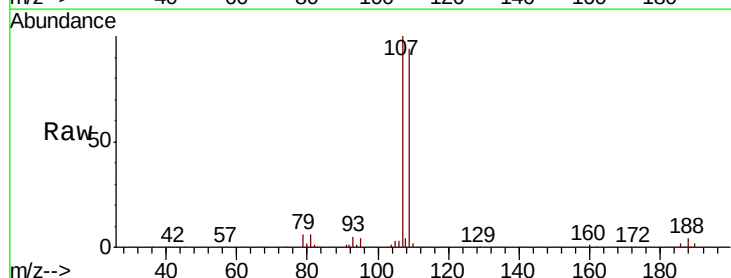
Acq: 5 Jun 2019 20:08

Tgt Ion:107 Resp: 341807

Ion Ratio Lower Upper

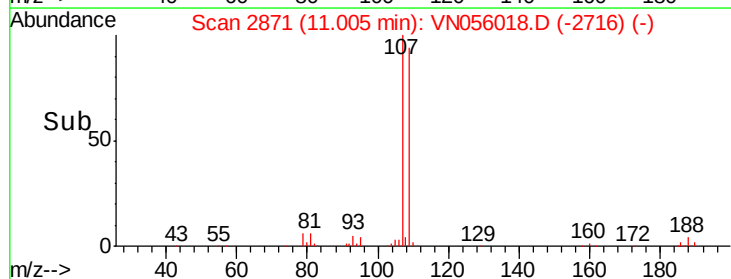
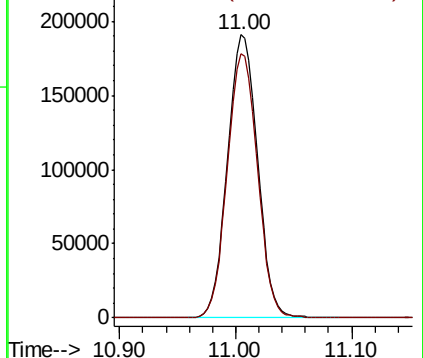
107 100

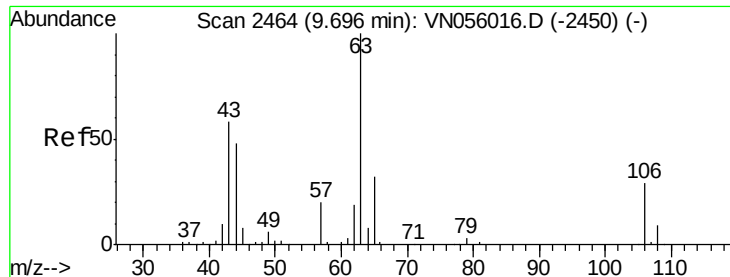
109 94.2 76.8 115.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

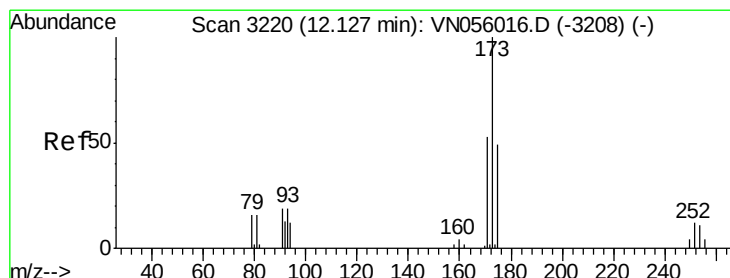
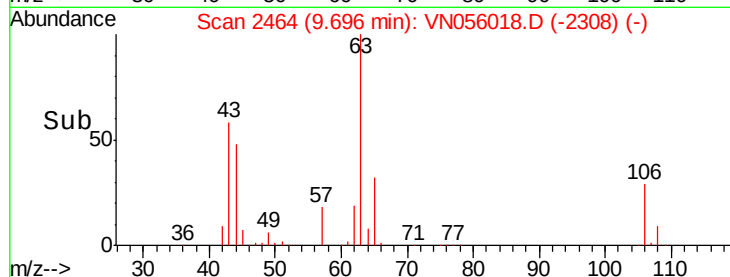
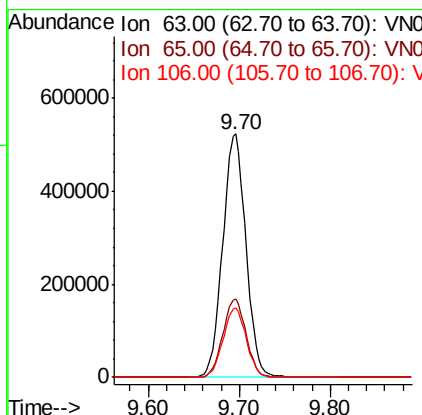
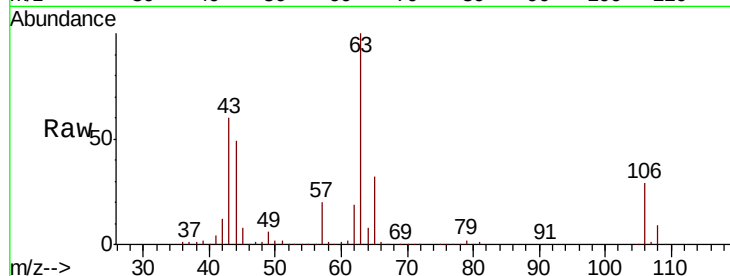




#55
2-Chloroethyl vinyl ether
Concen: 471.212 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

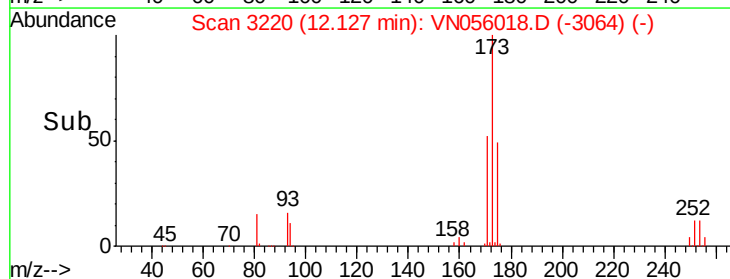
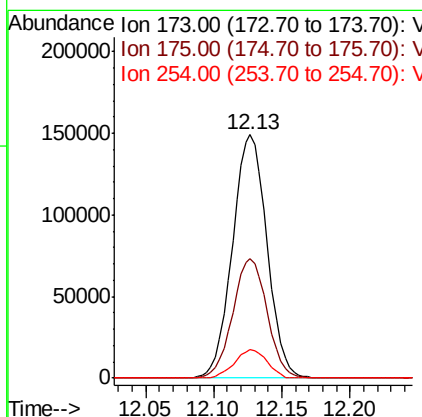
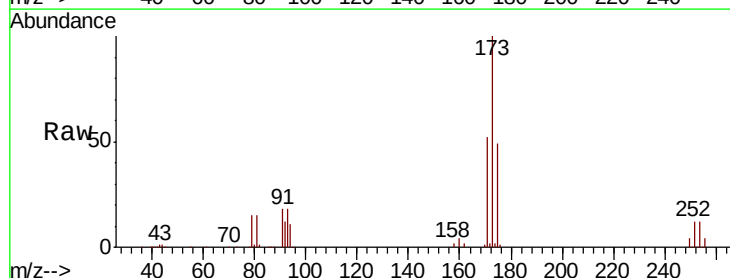
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

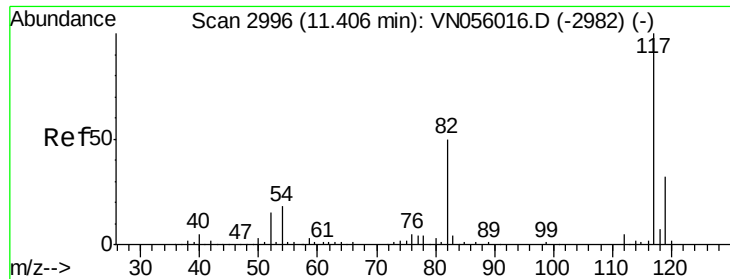
Tot Ion: 63 Resp: 925272
Ion Ratio Lower Upper
63 100
65 32.1 25.5 38.3
106 28.6 23.0 34.4



#56
Bromoform
Concen: 89.339 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 173 Resp: 261783
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 11.0 6.6 9.8#

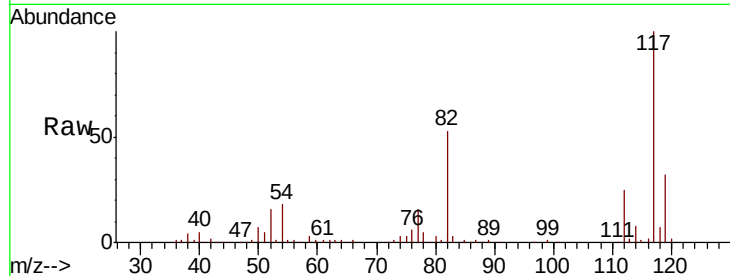




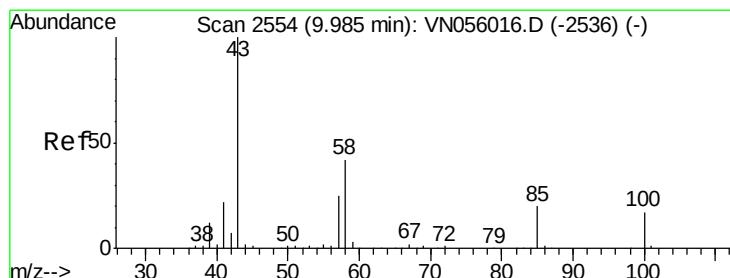
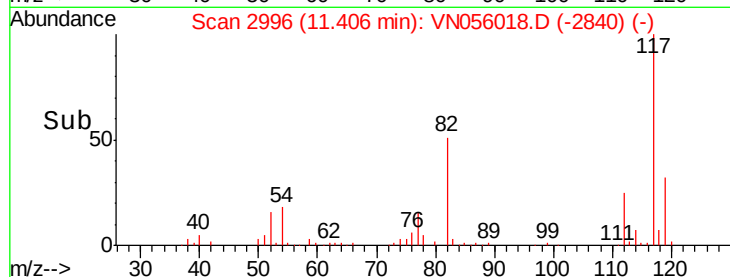
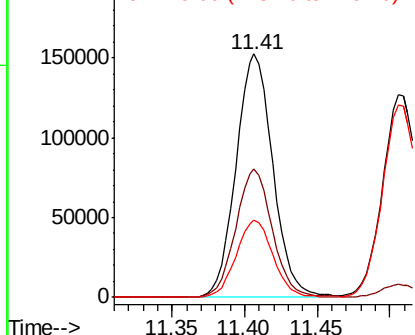
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 269453
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 31.8 26.2 39.2

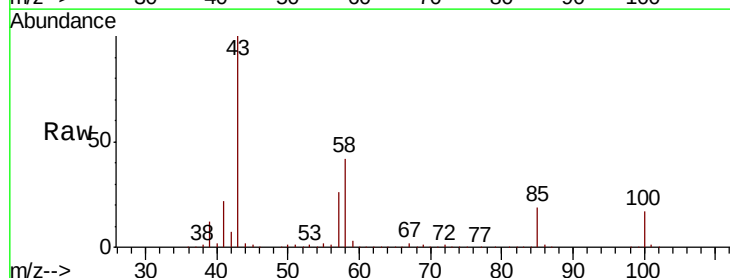


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

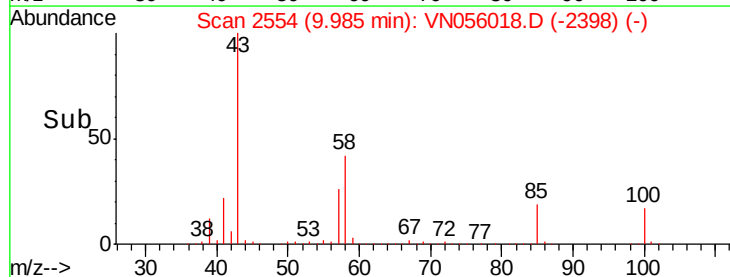
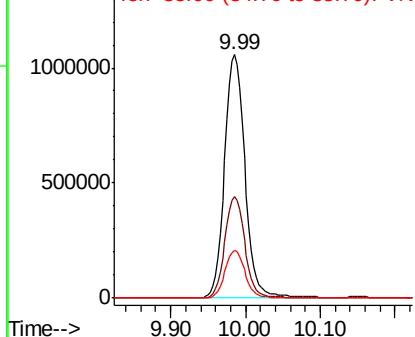


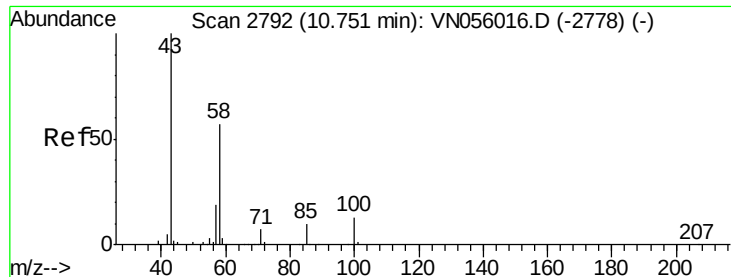
#58
4-Methyl-2-Pentanone
Concen: 458.543 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 43 Resp: 1997233
Ion Ratio Lower Upper
43 100
58 41.2 33.1 49.7
85 19.4 15.5 23.3



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

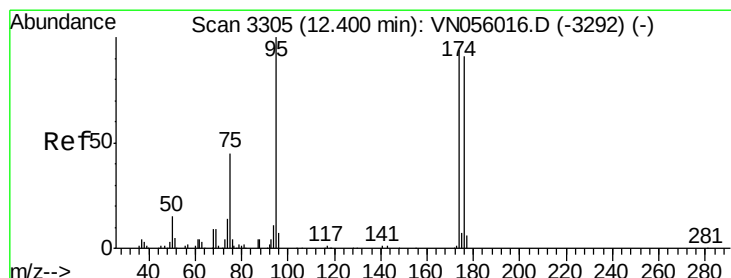
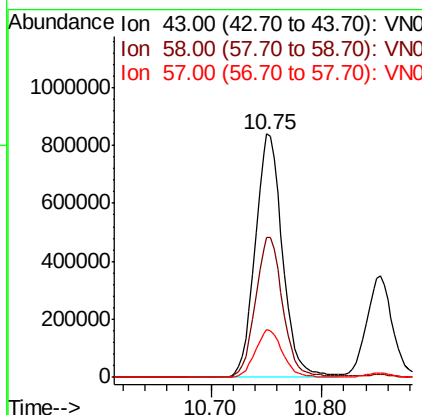
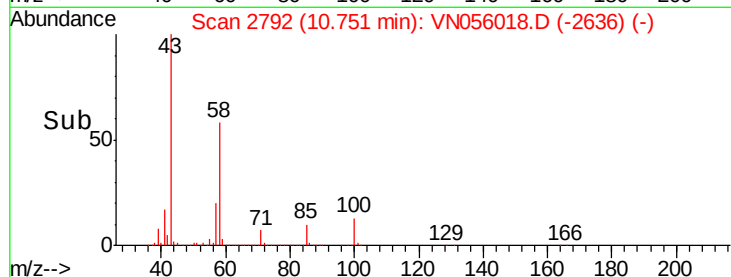
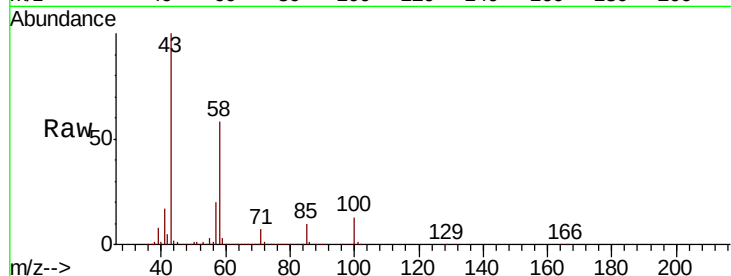




#59
2-Hexanone
Concen: 460.589 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

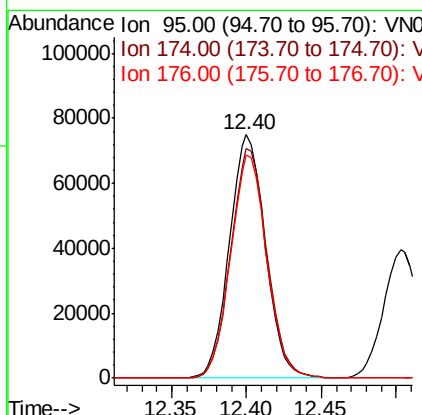
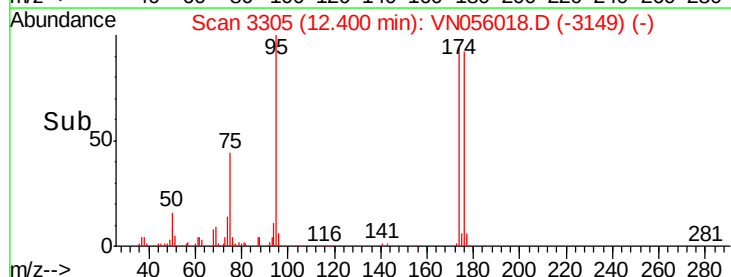
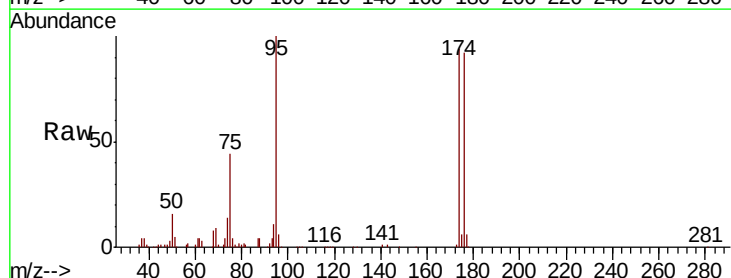
Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

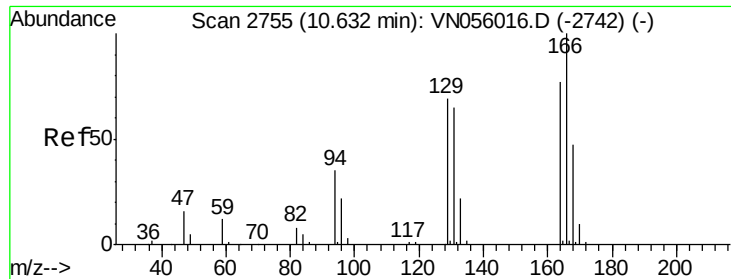
Tot Ion: 43 Resp: 1436808
Ion Ratio Lower Upper
43 100
58 58.1 45.3 67.9
57 19.7 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 30.247 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 95 Resp: 125282
Ion Ratio Lower Upper
95 100
174 95.2 75.4 113.0
176 92.2 73.9 110.9





#61

Tetrachloroethene

Concen: 97.226 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 355713

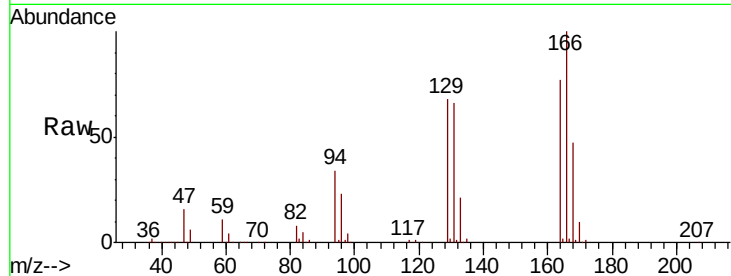
Ion Ratio Lower Upper

164 100

166 129.9 104.3 156.5

129 87.8 71.5 107.3

131 85.6 67.7 101.5

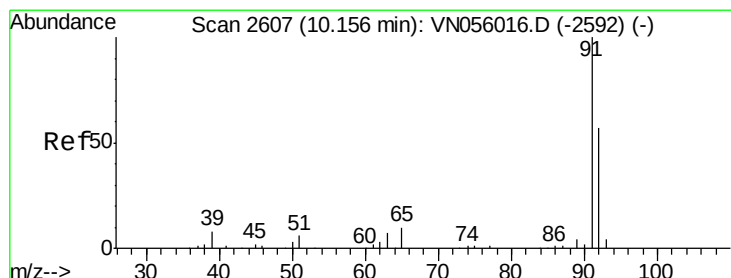
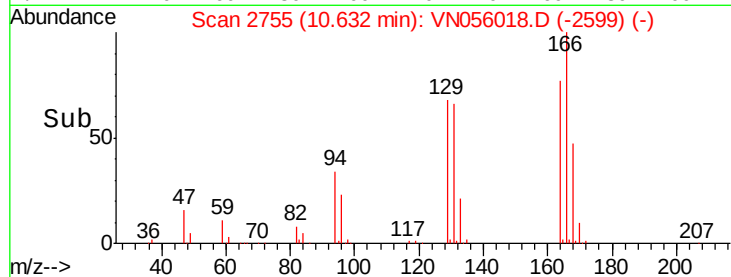
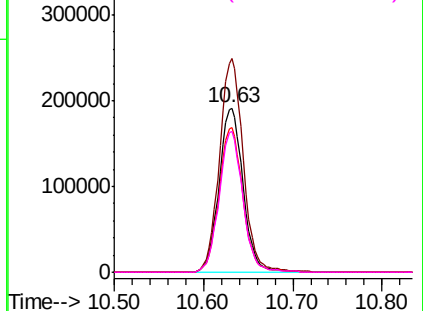


Abundance Ion 163.85 (163.55 to 164.55): V

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: 96.590 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056018.D

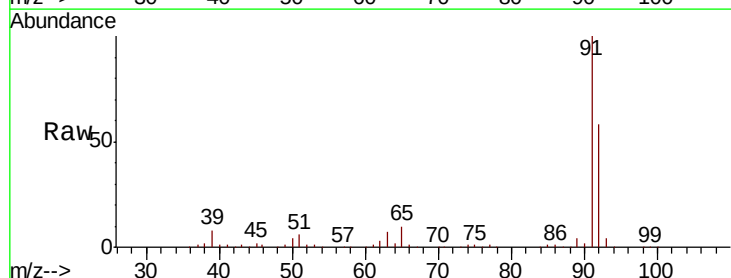
Acq: 5 Jun 2019 20:08

Tgt Ion: 91 Resp: 1395803

Ion Ratio Lower Upper

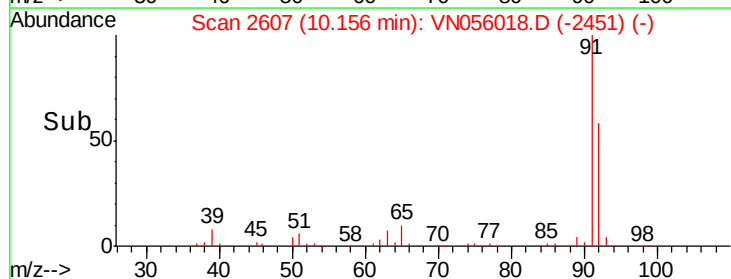
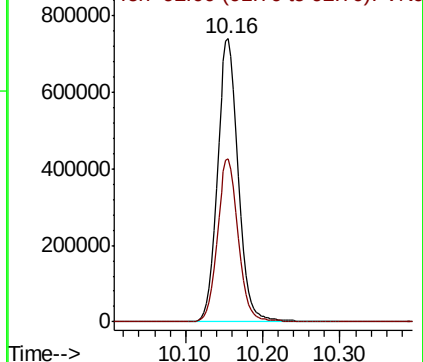
91 100

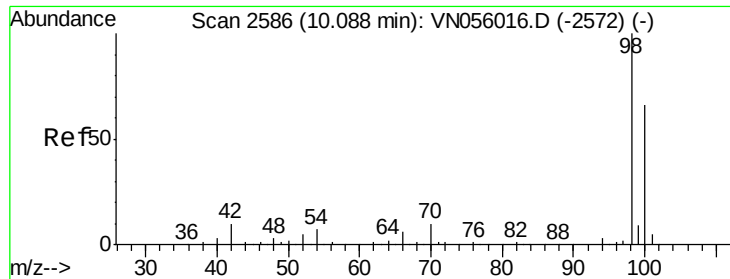
92 57.7 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.302 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

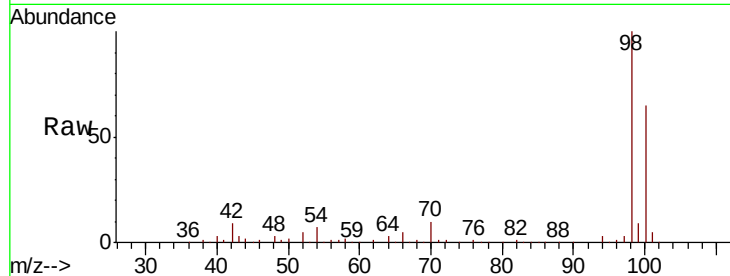
VSTDIC100

Tot Ion: 98 Resp: 360740

Ion Ratio Lower Upper

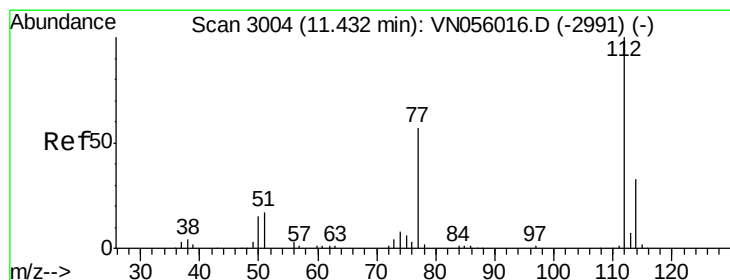
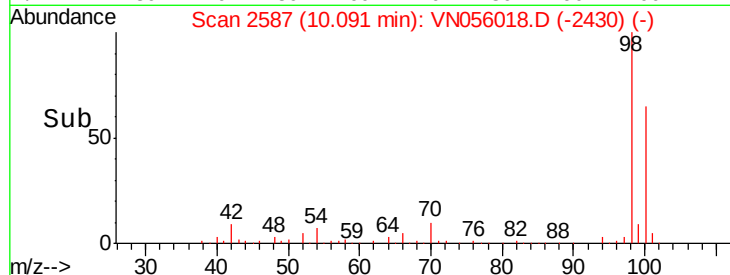
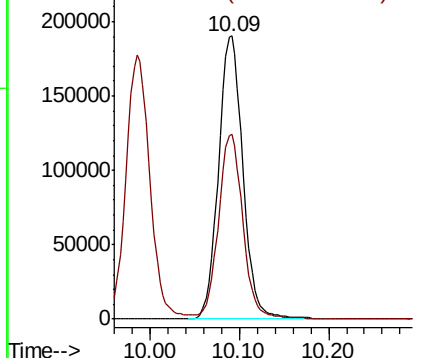
98 100

100 64.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056018.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN056018.D (-2572) (-)



#64

Chlorobenzene

Concen: 98.986 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056018.D

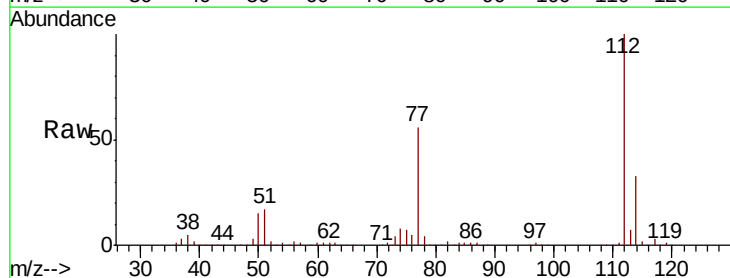
Acq: 5 Jun 2019 20:08

Tgt Ion: 112 Resp: 866996

Ion Ratio Lower Upper

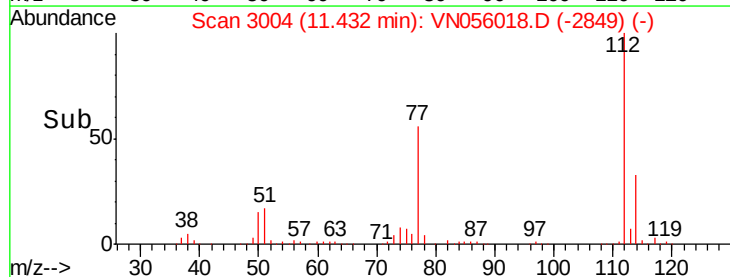
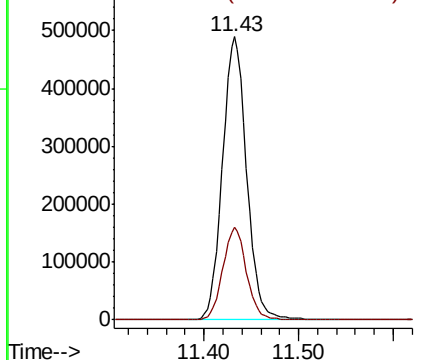
112 100

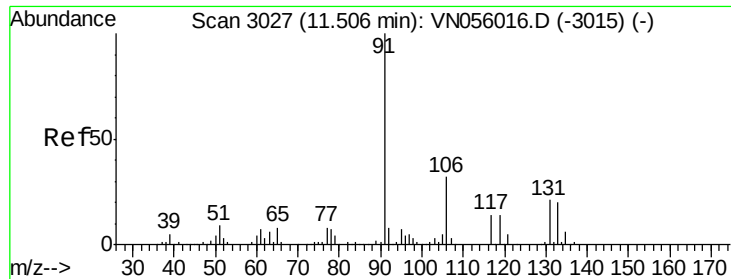
114 32.6 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): VN056018.D (-2849) (-)

Ion 114.00 (113.70 to 114.70): VN056018.D (-2849) (-)

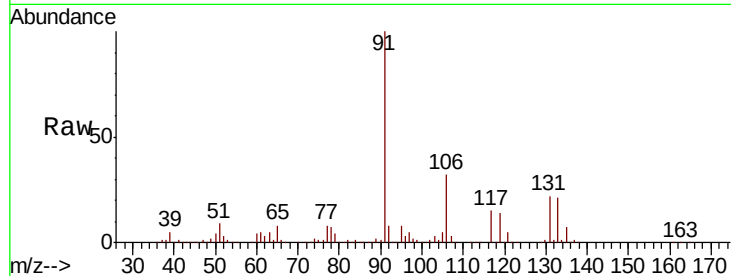




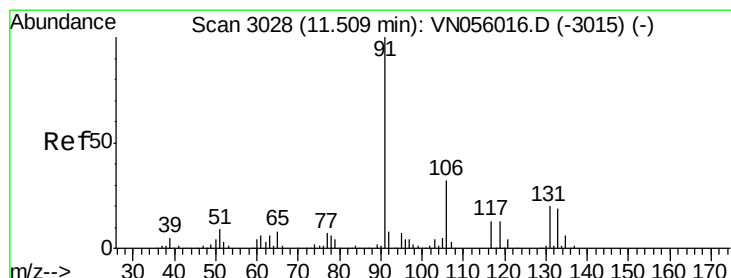
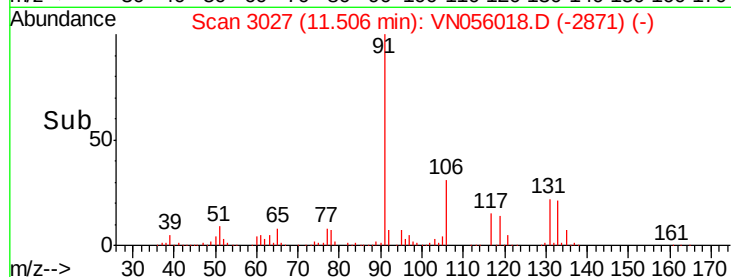
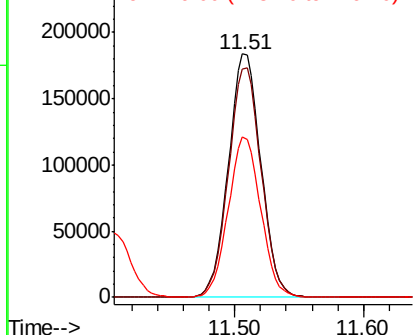
#65
1,1,1,2-Tetrachloroethane
Concen: 93.256 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:131 Resp: 321201
Ion Ratio Lower Upper
131 100
133 95.2 0.0 193.8
119 66.1 0.0 134.4

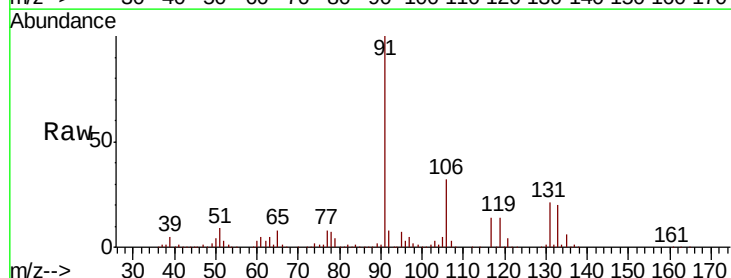


Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V

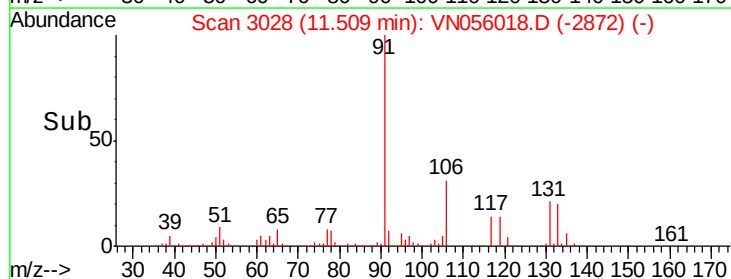
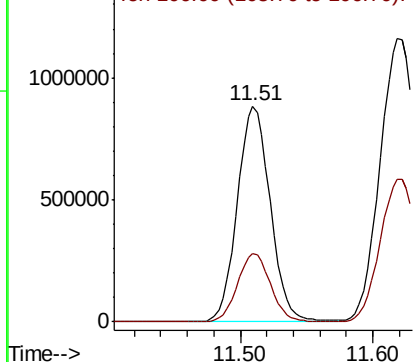


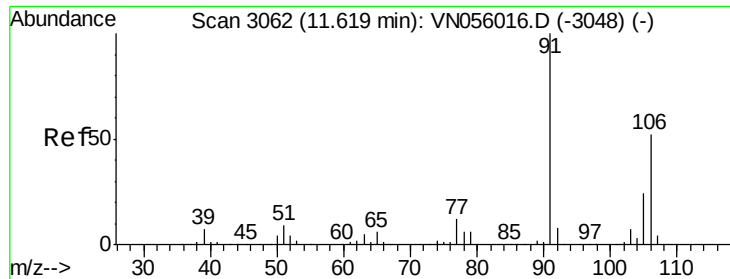
#66
Ethyl Benzene
Concen: 97.222 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion: 91 Resp: 1527232
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5



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

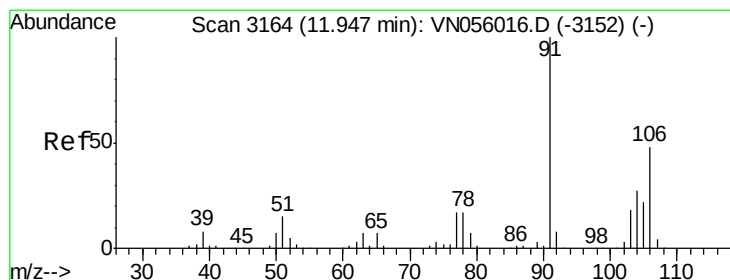
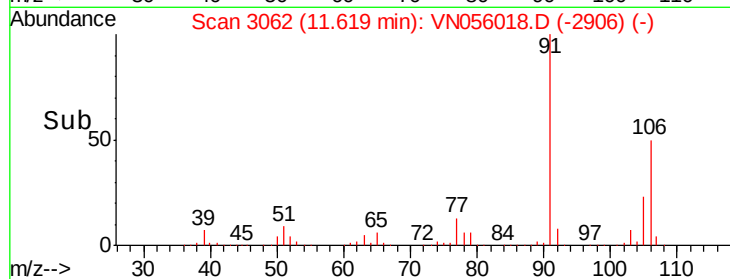
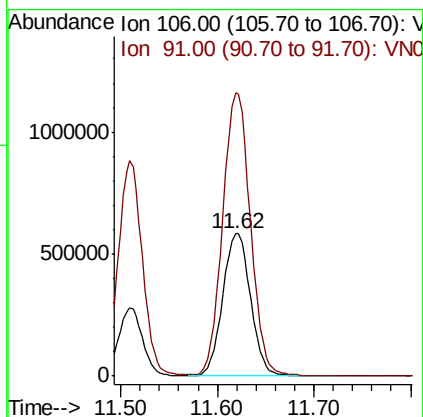
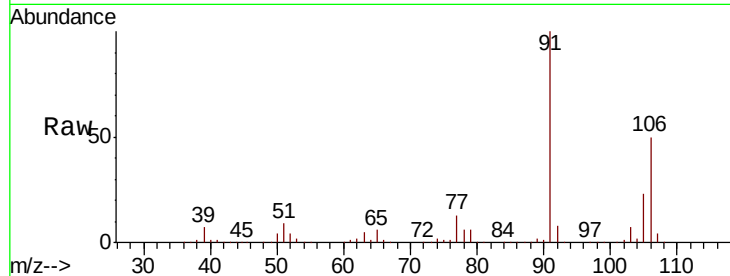




#67
m/p-Xylenes
Concen: 196.295 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

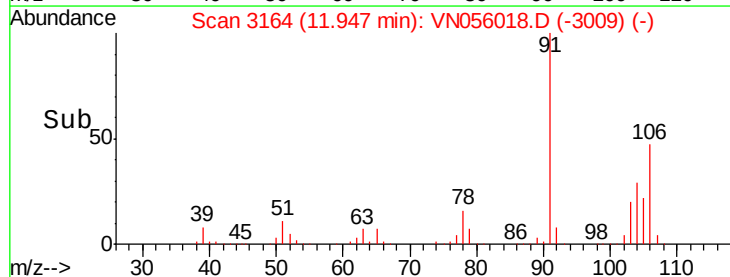
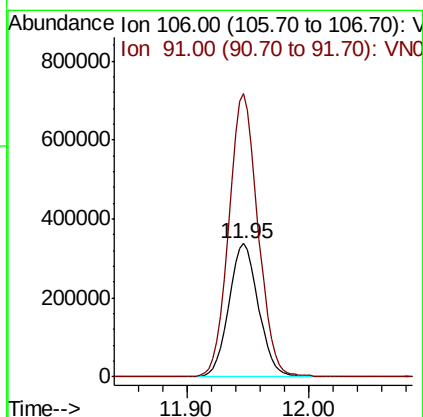
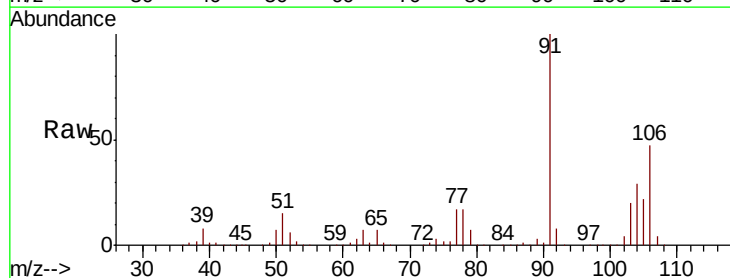
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

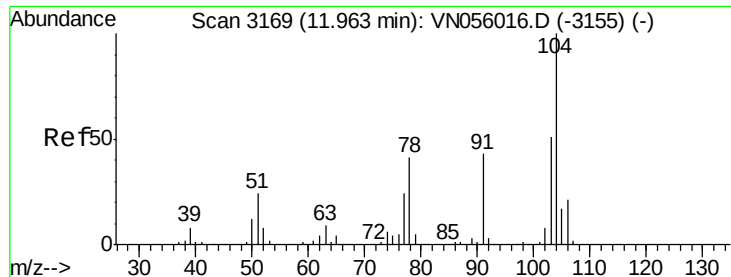
Tot Ion:106 Resp: 1172220
Ion Ratio Lower Upper
106 100
91 197.8 155.7 233.5



#68
o-Xylene
Concen: 96.877 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion:106 Resp: 571084
Ion Ratio Lower Upper
106 100
91 209.4 103.9 311.7





#69

Stvrene

Concen: 100.282 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

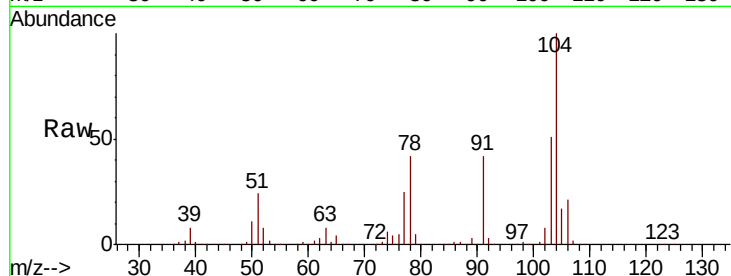
Tot Ion:104 Resp: 972195

Ion Ratio Lower Upper

104 100

78 46.2 37.0 55.6

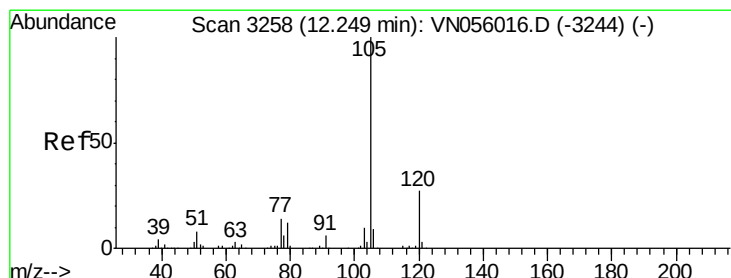
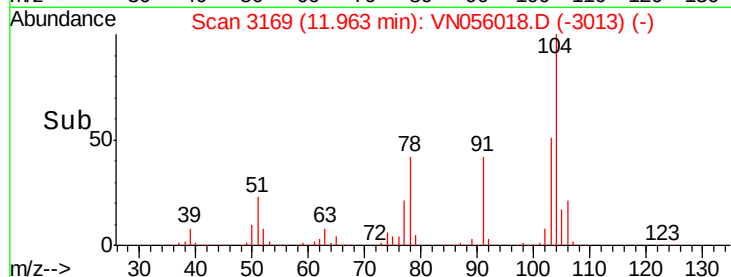
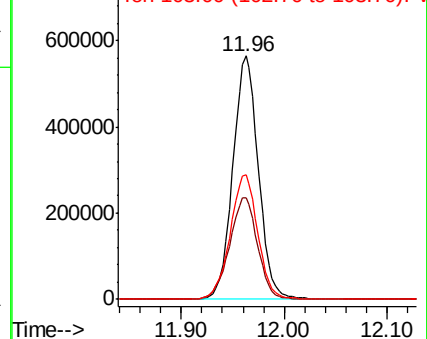
103 55.4 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 96.372 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN056018.D

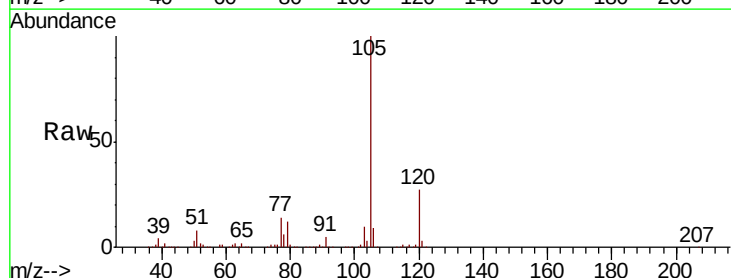
Acq: 5 Jun 2019 20:08

Tgt Ion:105 Resp: 1487630

Ion Ratio Lower Upper

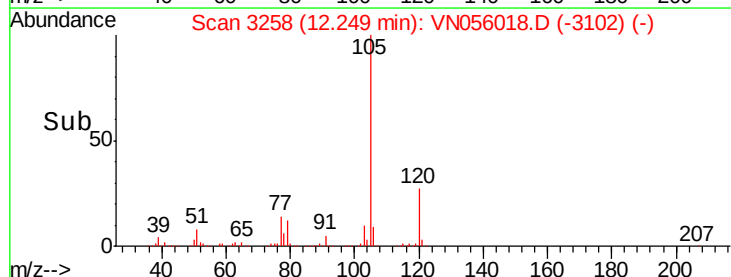
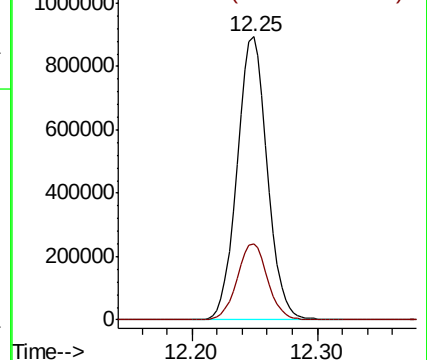
105 100

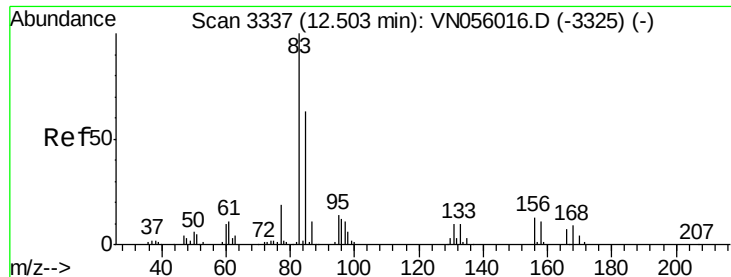
120 27.2 19.3 35.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

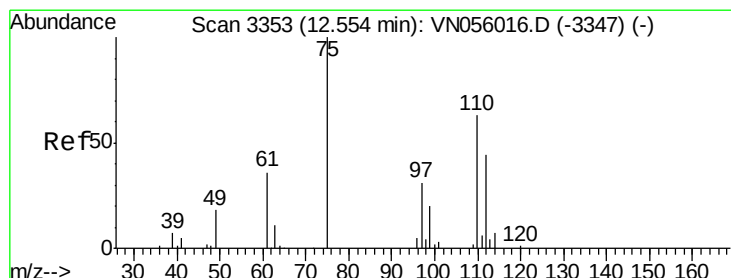
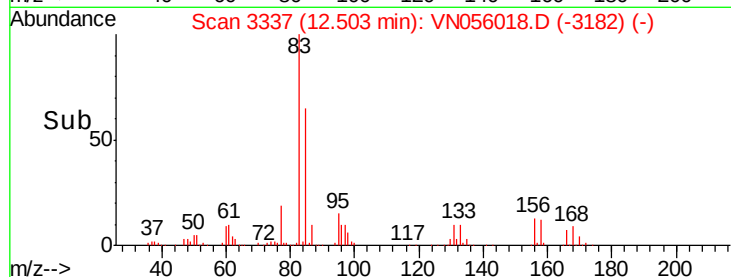
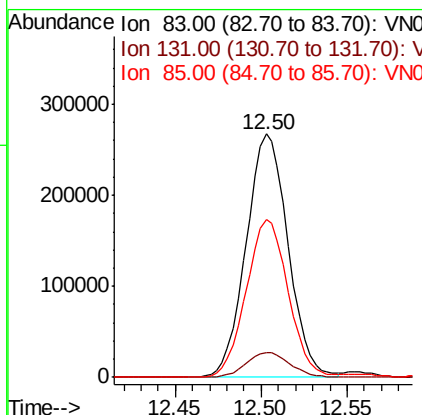
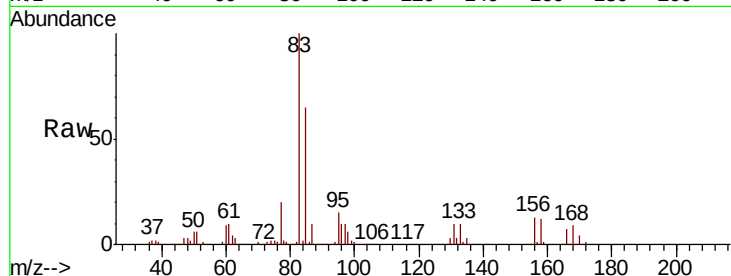




#71
 1,1,2,2-Tetrachloroethane
 Concen: 95.654 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

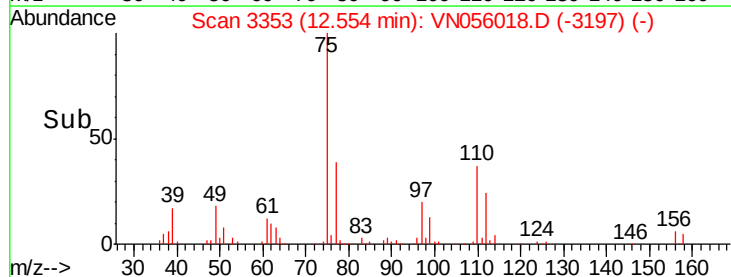
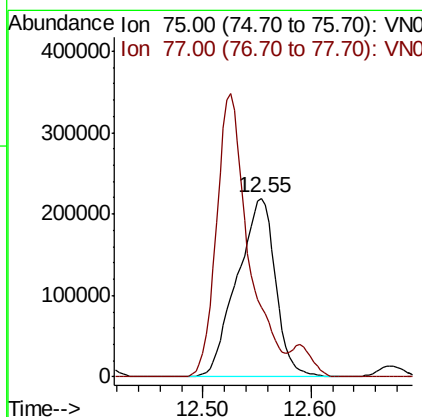
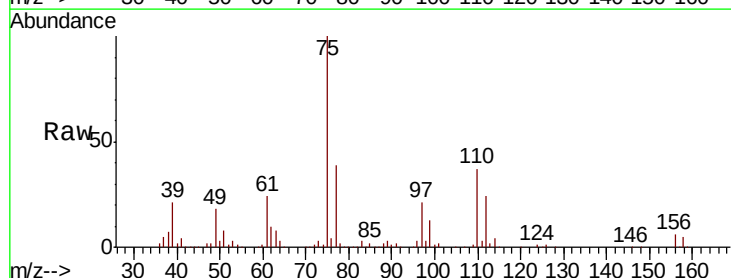
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

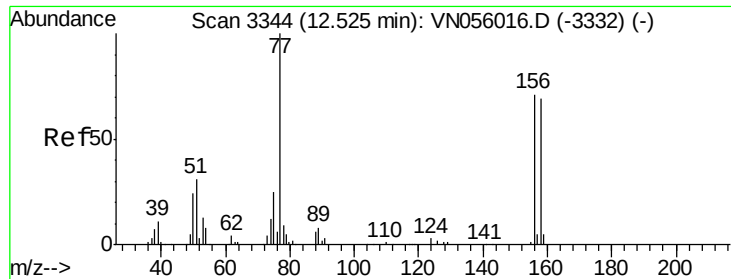
Tot Ion: 83 Resp: 452144
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.2 15.6
 85 64.7 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 134.041 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion: 75 Resp: 542300
 Ion Ratio Lower Upper
 75 100
 77 132.3 0.0 350.0





#73

Bromobenzene

Concen: 100.747 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

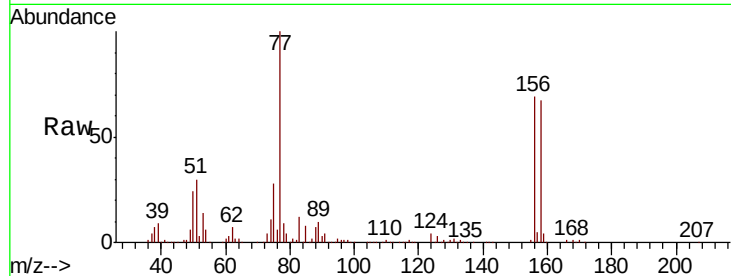
Tot Ion:156 Resp: 411261

Ion Ratio Lower Upper

156 100

77 174.4 0.0 350.8

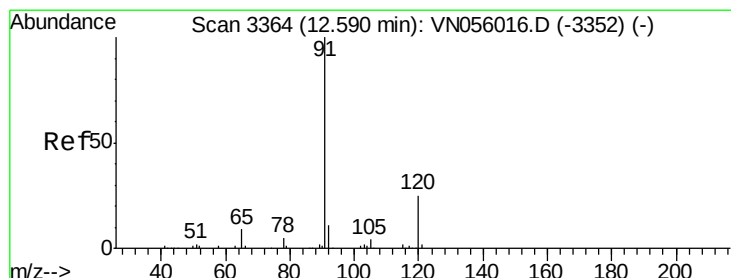
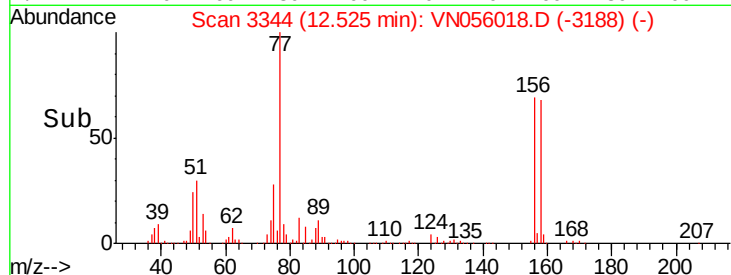
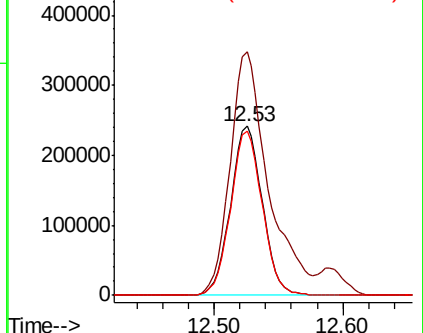
158 97.4 0.0 193.2



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: 99.893 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056018.D

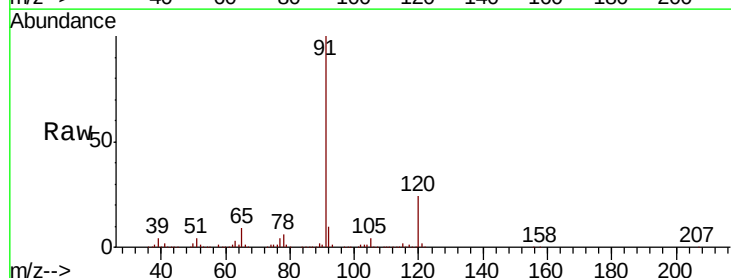
Acq: 5 Jun 2019 20:08

Tgt Ion: 91 Resp: 1650605

Ion Ratio Lower Upper

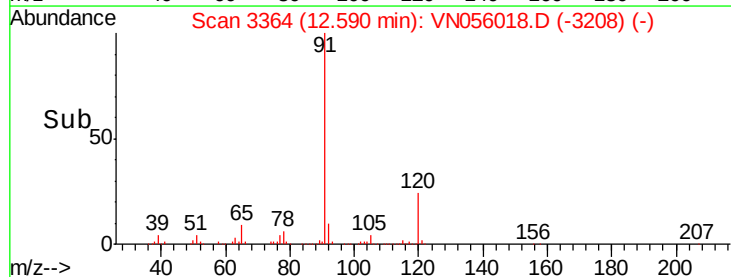
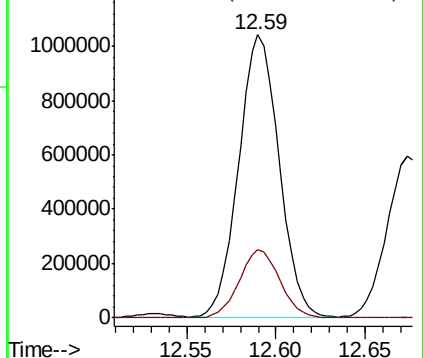
91 100

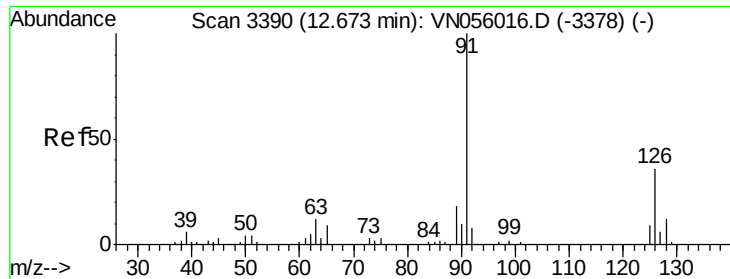
120 24.1 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 98.104 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

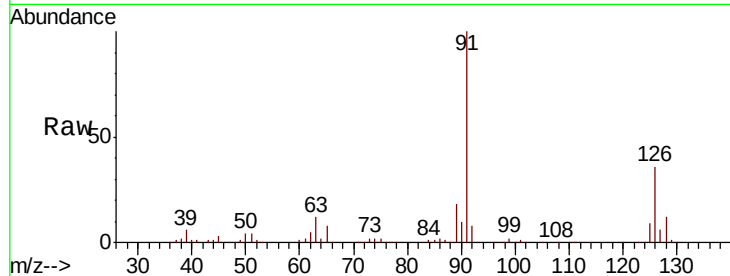
VSTDIC100

Tot Ion: 91 Resp: 992381

Ion Ratio Lower Upper

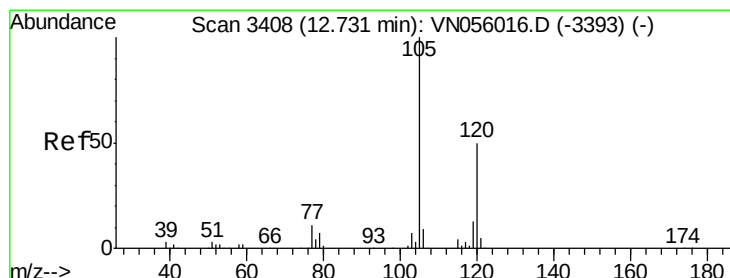
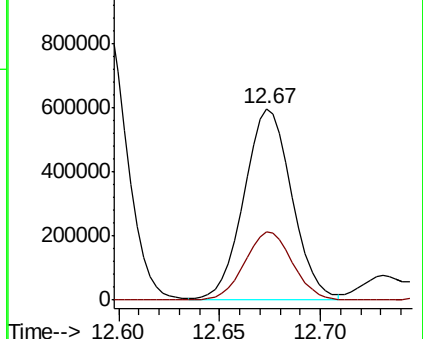
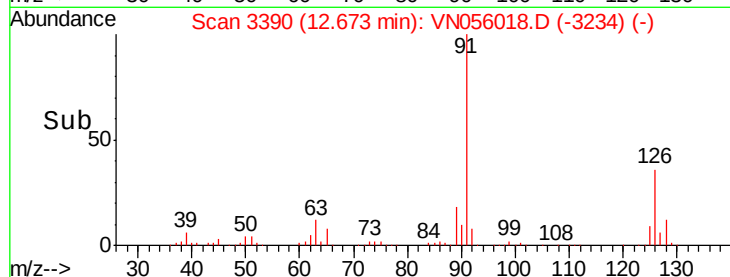
91 100

126 35.8 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN056018.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN056018.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 98.062 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056018.D

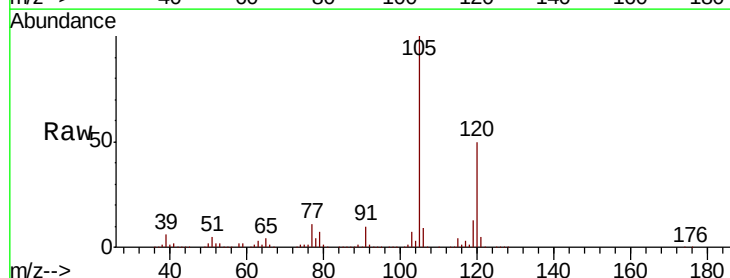
Acq: 5 Jun 2019 20:08

Tgt Ion: 105 Resp: 1247213

Ion Ratio Lower Upper

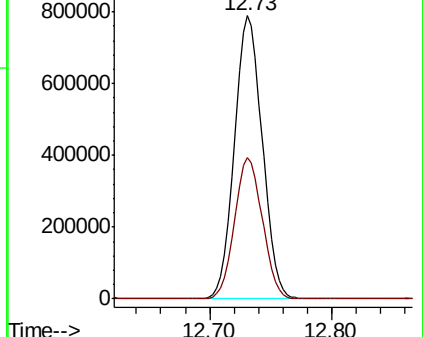
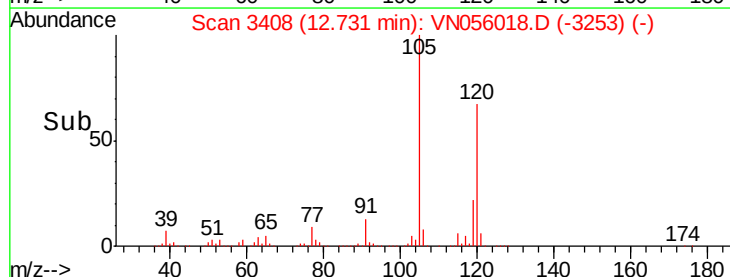
105 100

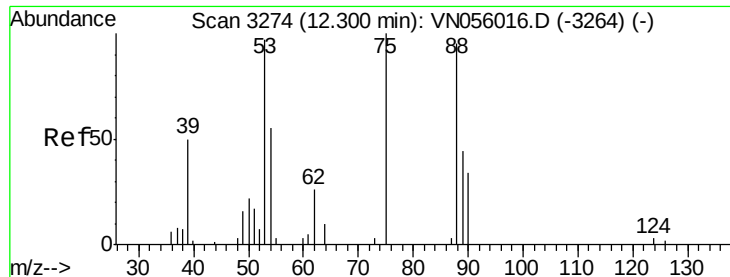
120 50.0 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056018.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN056018.D (-3393) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 86.526 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

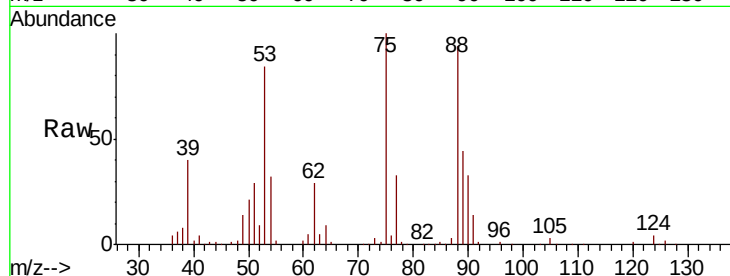
Tot Ion: 75 Resp: 130824

Ion Ratio Lower Upper

75 100

53 83.8 48.0 144.0

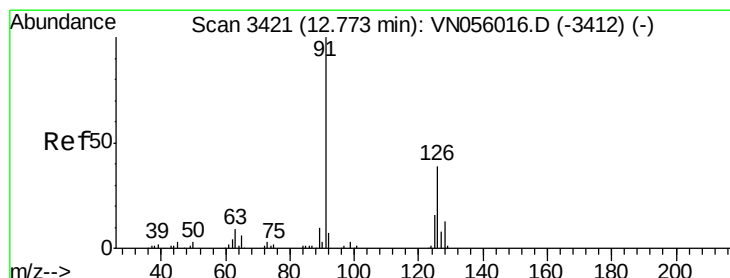
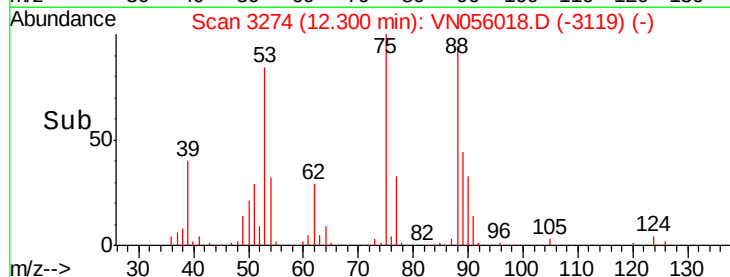
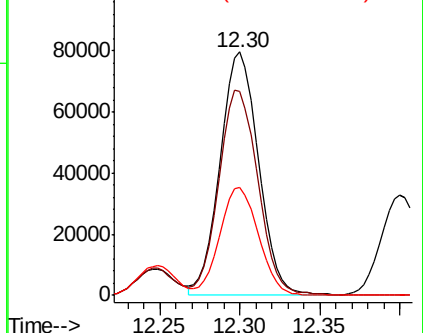
89 44.4 22.5 67.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 103.006 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056018.D

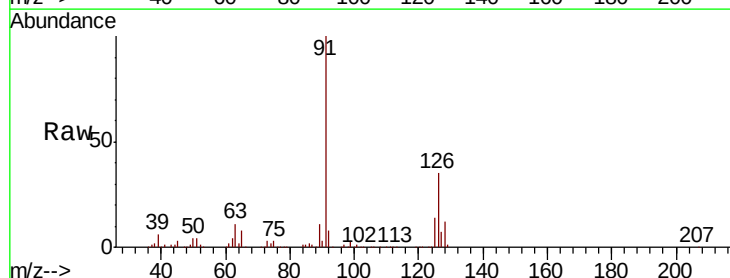
Acq: 5 Jun 2019 20:08

Tgt Ion: 91 Resp: 983408

Ion Ratio Lower Upper

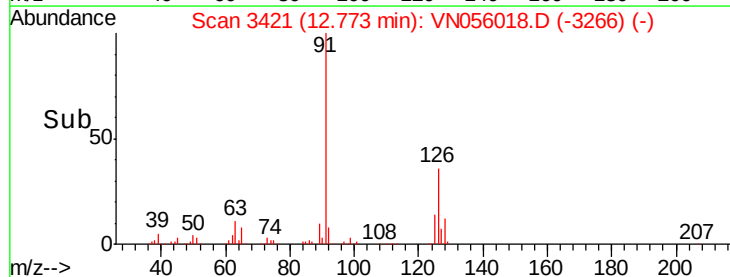
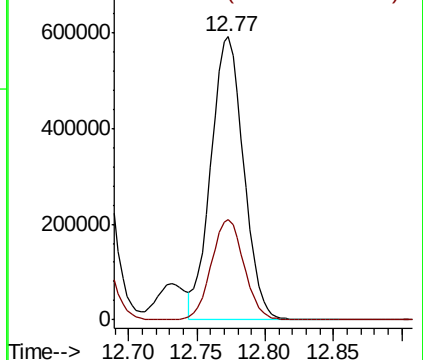
91 100

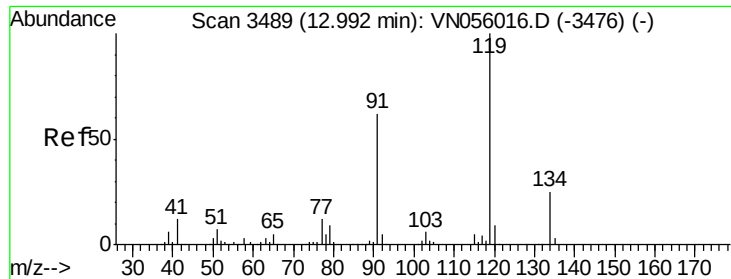
126 35.4 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

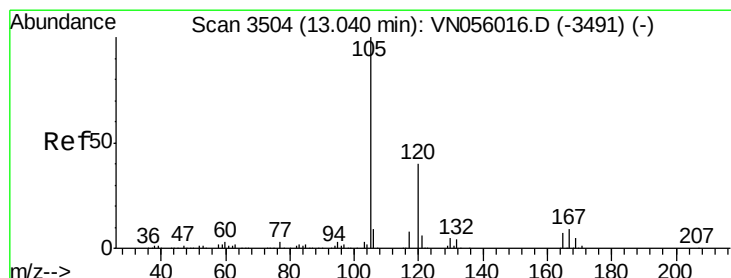
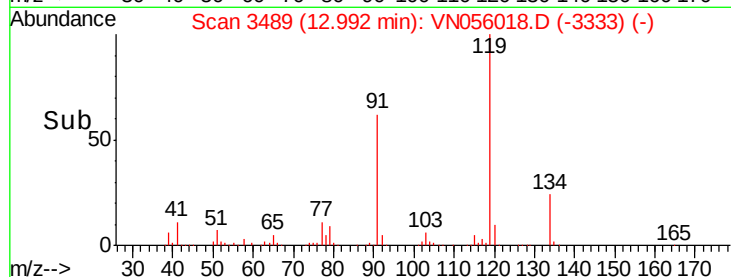
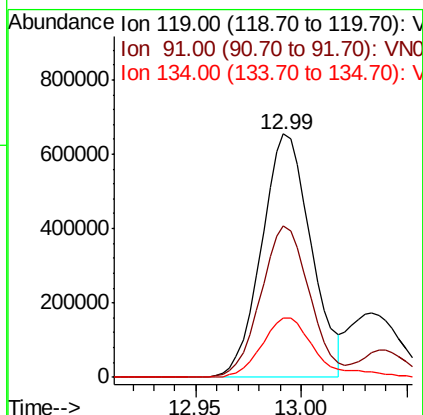
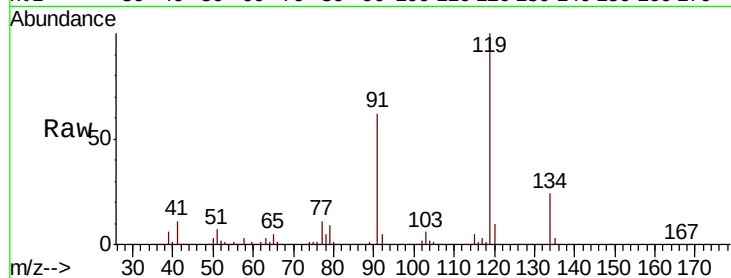




#79
tert-butylbenzene
Concen: 95.707 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

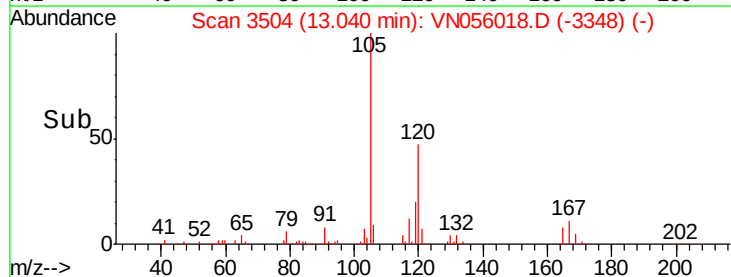
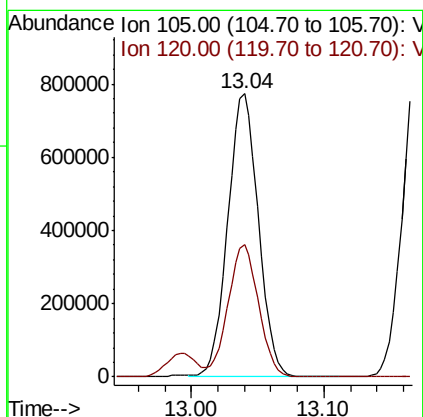
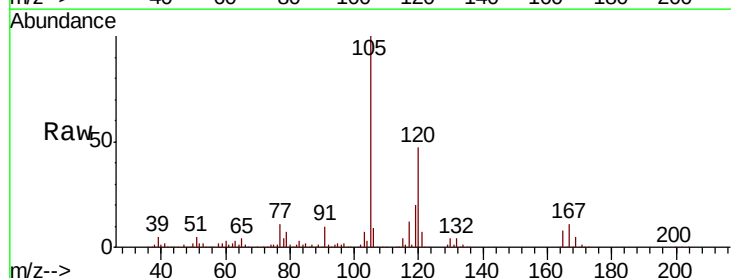
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

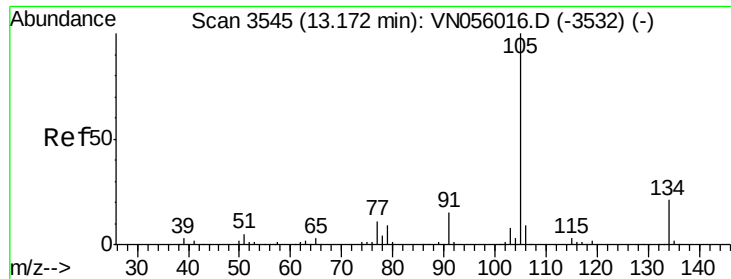
Tot Ion:119 Resp: 1068469
Ion Ratio Lower Upper
119 100
91 61.5 0.0 122.8
134 26.6 0.0 50.2



#80
1,2,4-Trimethylbenzene
Concen: 98.425 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN056018.D
Acq: 5 Jun 2019 20:08

Tgt Ion:105 Resp: 1237364
Ion Ratio Lower Upper
105 100
120 46.6 0.0 93.4

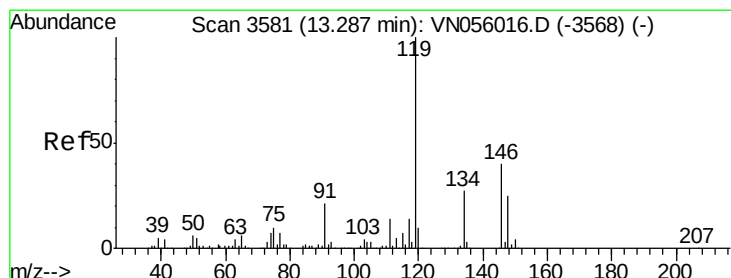
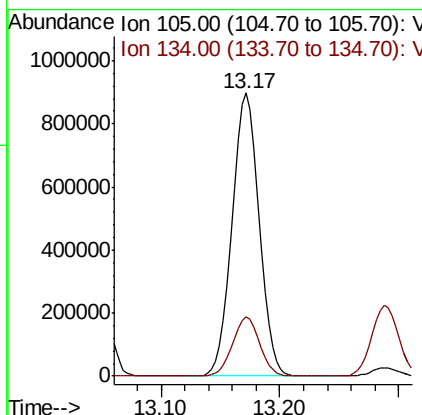
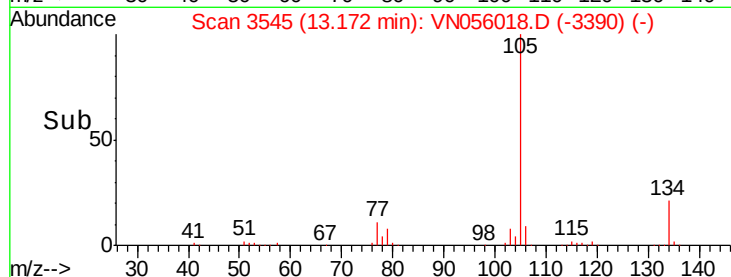
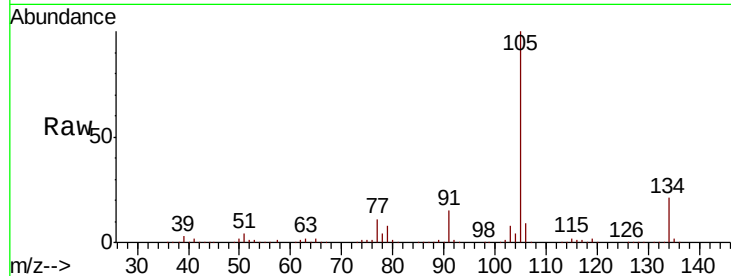




#81
 sec-Butylbenzene
 Concen: 99.580 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

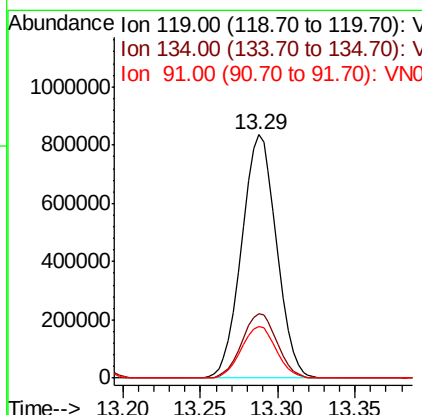
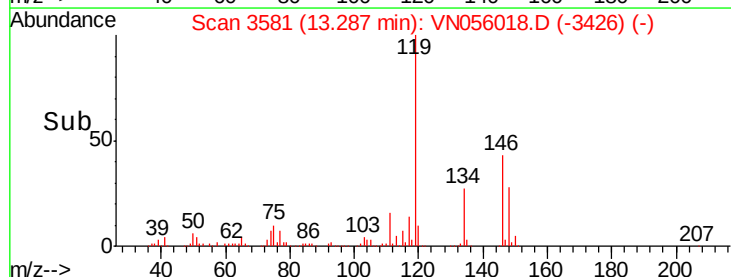
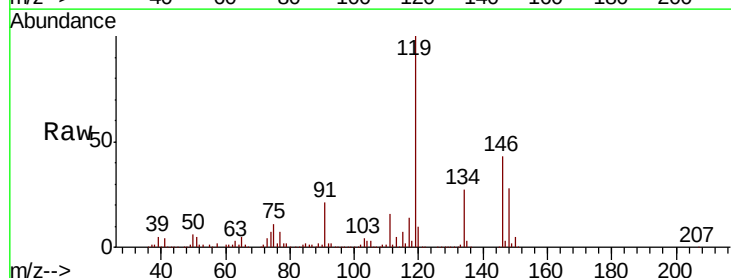
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

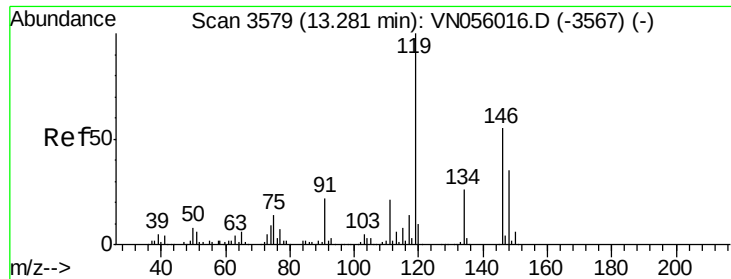
Tot Ion:105 Resp: 1413819
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 100.560 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion:119 Resp: 1307937
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.4
 91 21.3 0.0 43.0

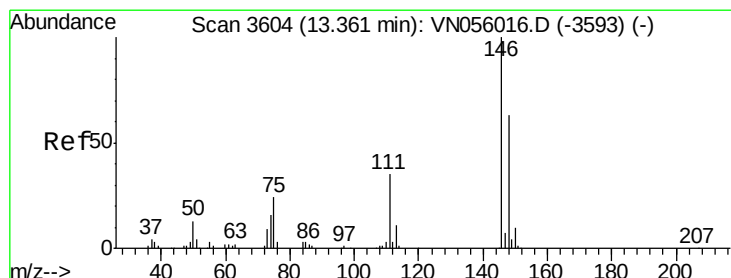
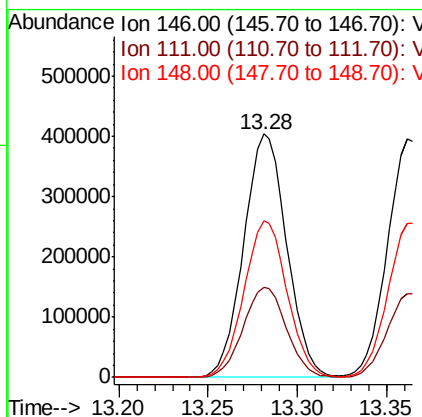
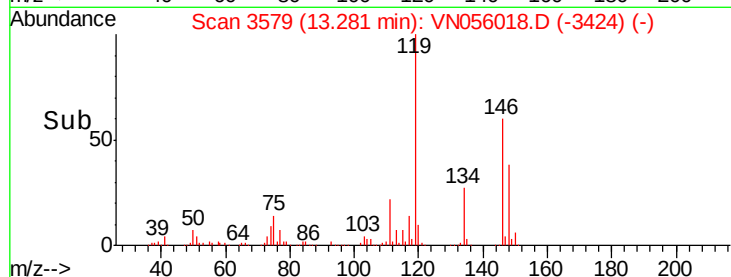
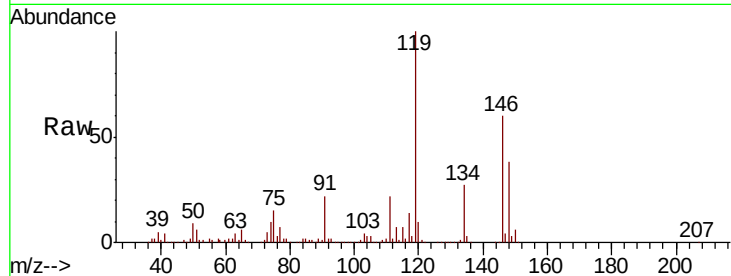




#83
 1,3-Dichlorobenzene
 Concen: 106.839 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

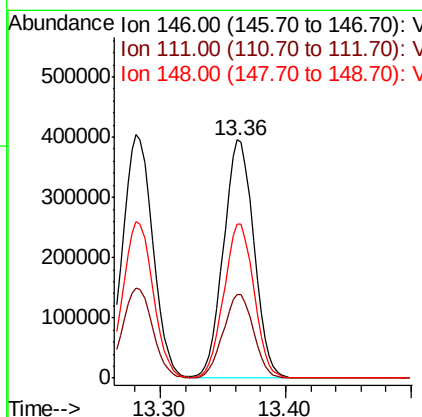
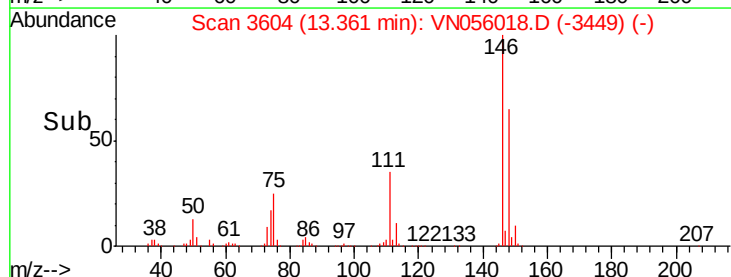
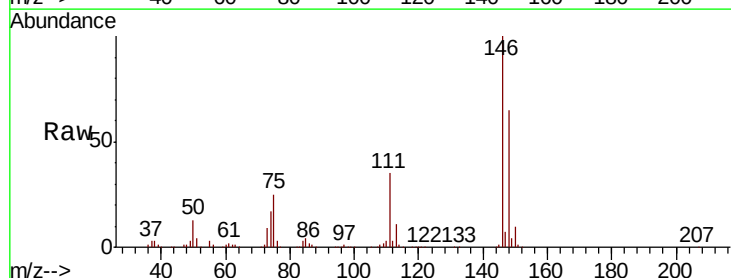
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

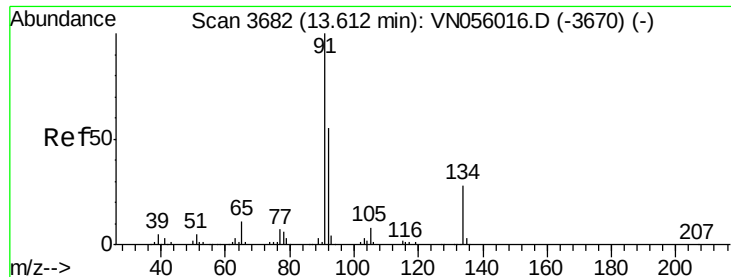
Tot Ion:146 Resp: 679709
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.2 54.6
 148 64.4 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 110.036 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion:146 Resp: 664342
 Ion Ratio Lower Upper
 146 100
 111 35.1 17.6 52.9
 148 64.3 32.1 96.3





#85

n-Butylbenzene

Concen: 104.658 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

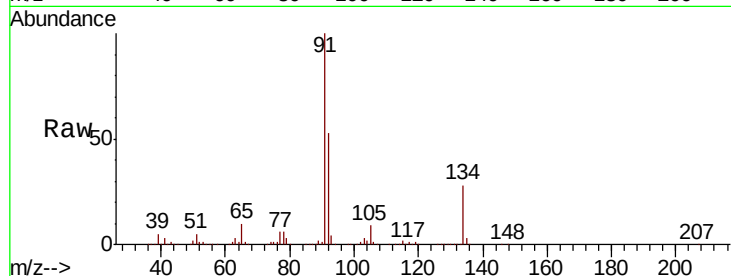
Tot Ion: 91 Resp: 1045896

Ion Ratio Lower Upper

91 100

92 53.2 0.0 107.2

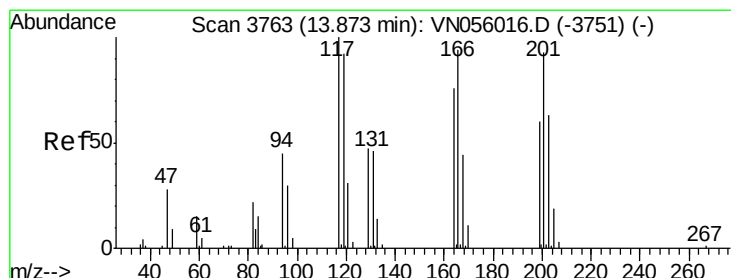
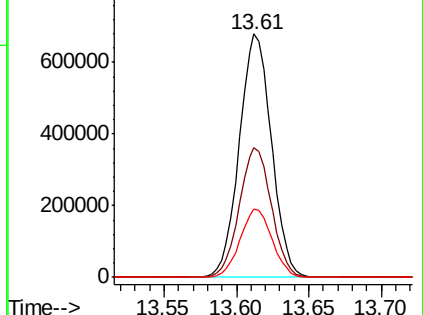
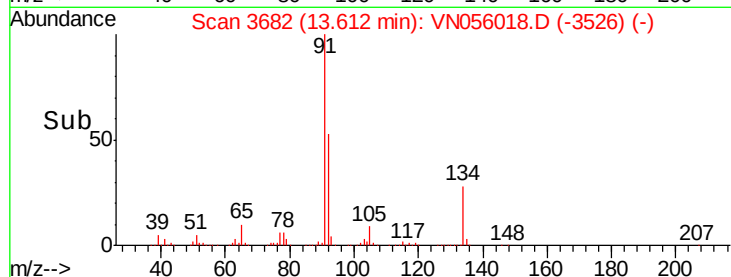
134 28.0 0.0 55.8



Abundance Ion 91.00 (90.70 to 91.70): VN056018.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN056018.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN056018.D (-3670) (-)



#86

Hexachloroethane

Concen: 87.847 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056018.D

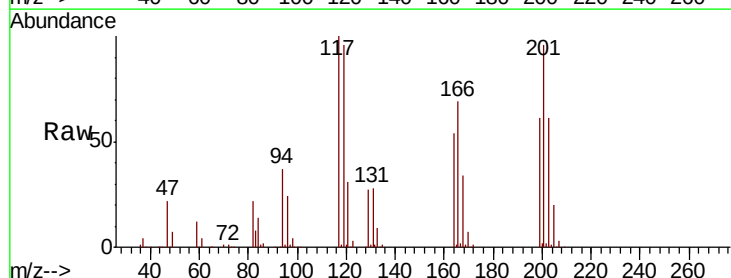
Acq: 5 Jun 2019 20:08

Tgt Ion: 117 Resp: 214051

Ion Ratio Lower Upper

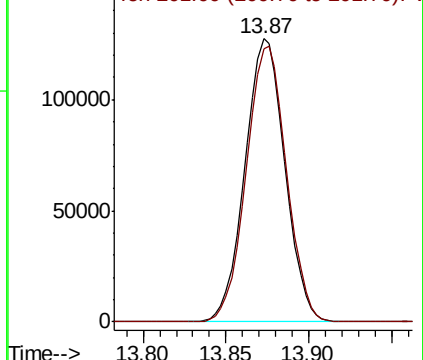
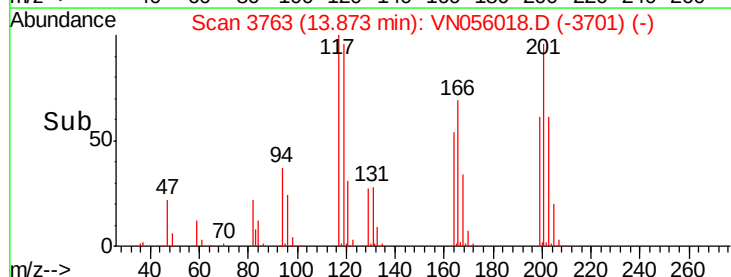
117 100

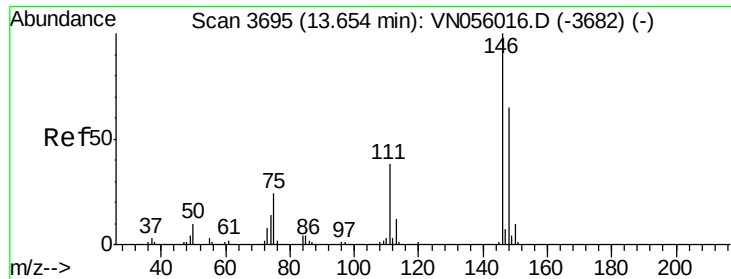
201 97.8 48.1 144.4



Abundance Ion 117.00 (116.70 to 117.70): VN056018.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056018.D (-3751) (-)

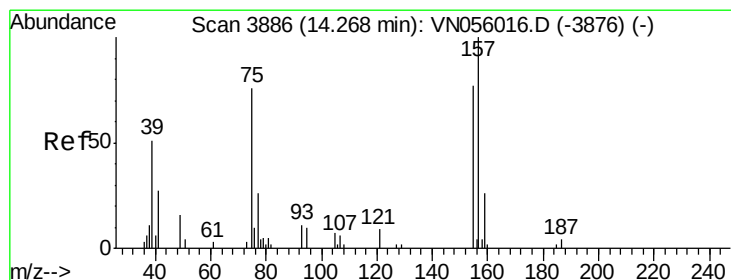
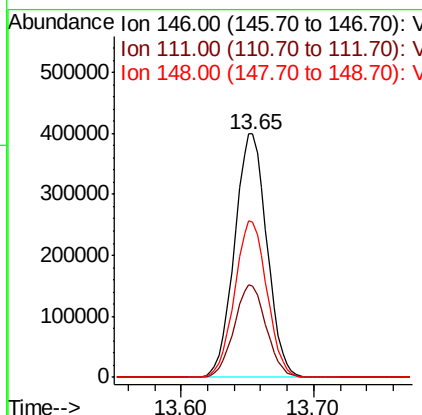
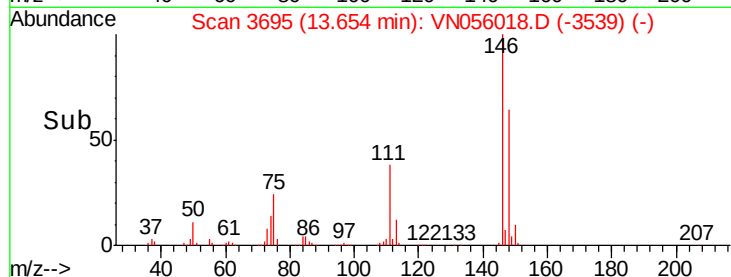
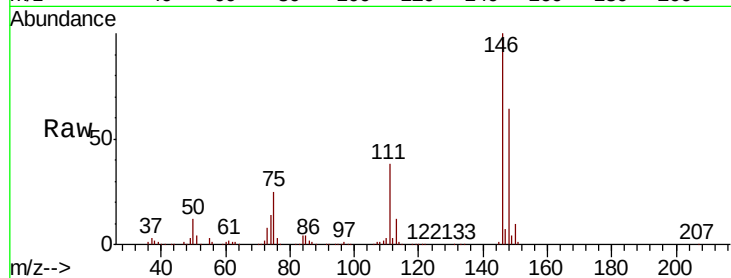




#87
 1,2-Dichlorobenzene
 Concen: 105.244 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

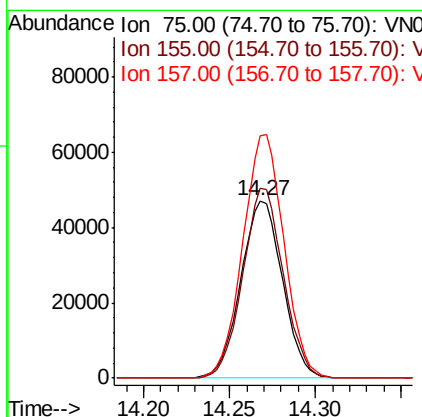
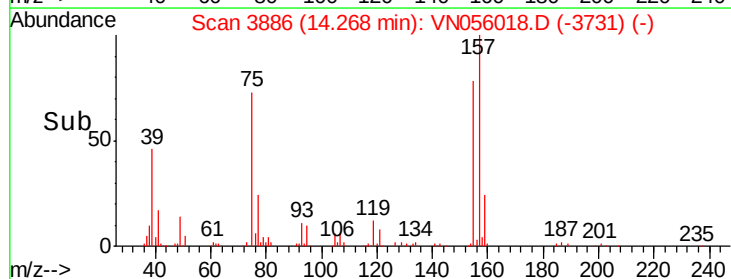
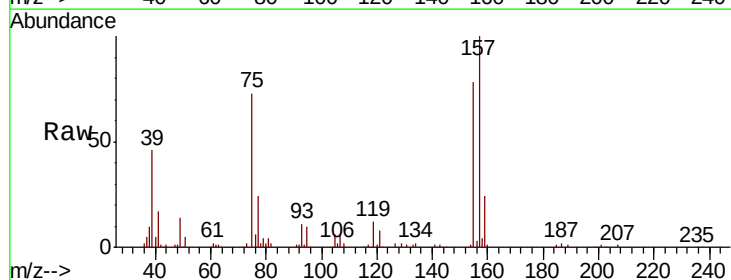
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

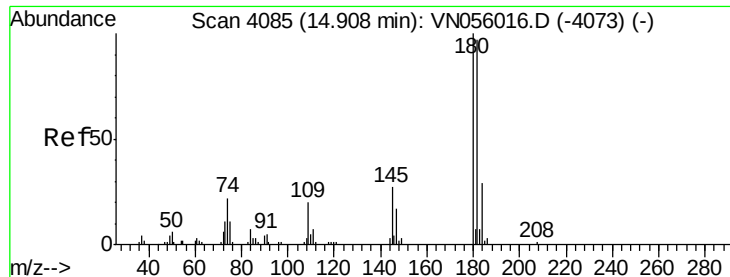
Tot Ion:146 Resp: 674254
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.3 57.9
 148 64.0 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 92.746 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion: 75 Resp: 78972
 Ion Ratio Lower Upper
 75 100
 155 104.3 82.5 123.7
 157 136.0 105.1 157.7

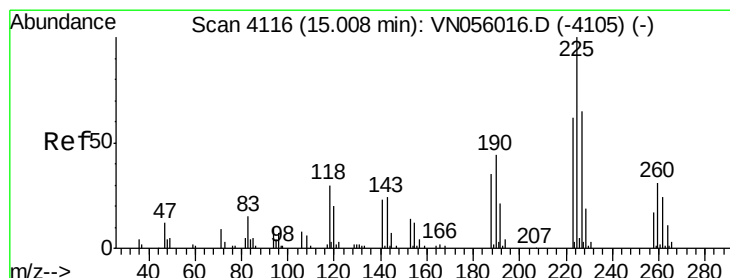
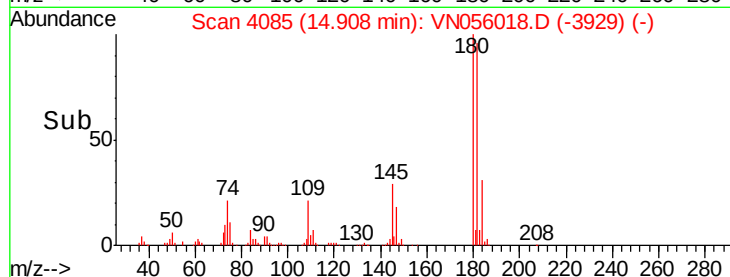
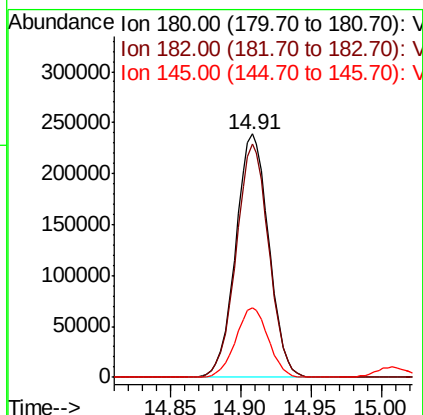
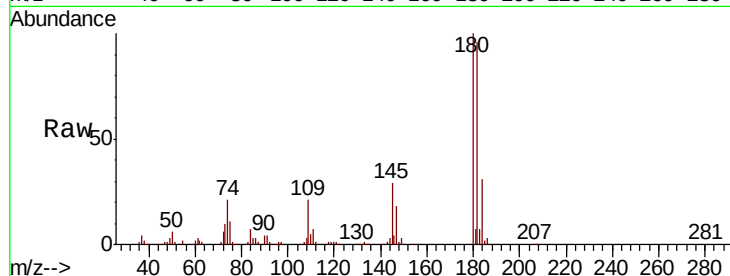




#89
 1,2,4-Trichlorobenzene
 Concen: 115.530 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

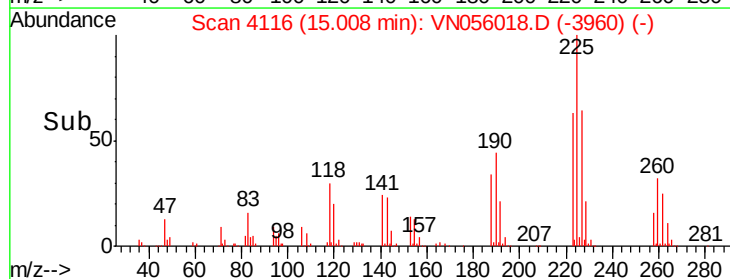
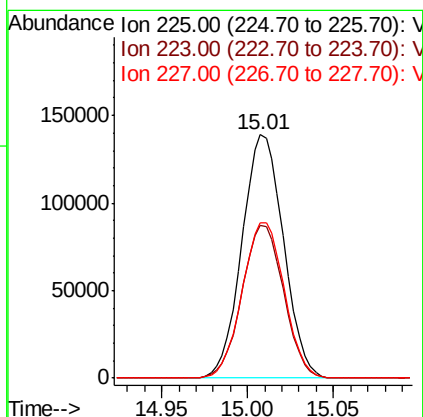
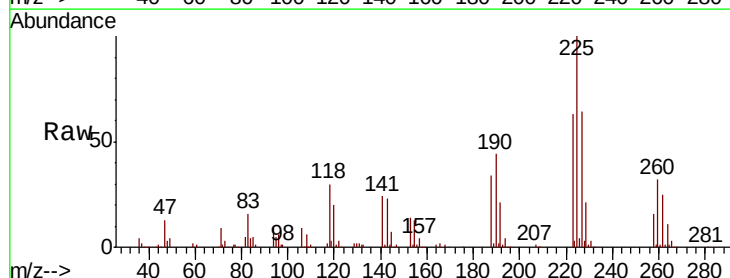
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

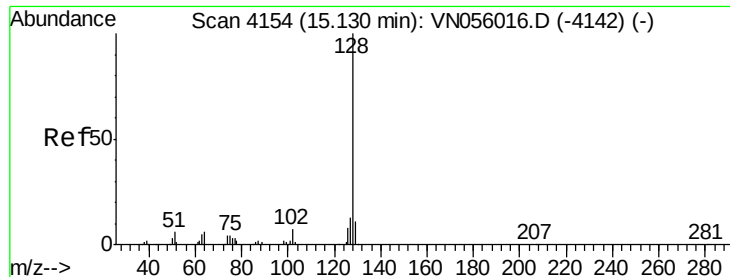
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.6
145	28.2	22.1	33.1



#90
 Hexachlorobutadiene
 Concen: 91.889 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056018.D
 Acq: 5 Jun 2019 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	0.0	125.6
227	64.5	0.0	128.6





#91

Naphthalene

Concen: 113.106 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

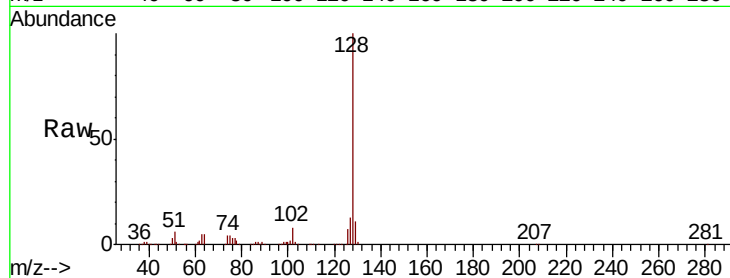
Tot Ion:128 Resp: 1043911

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

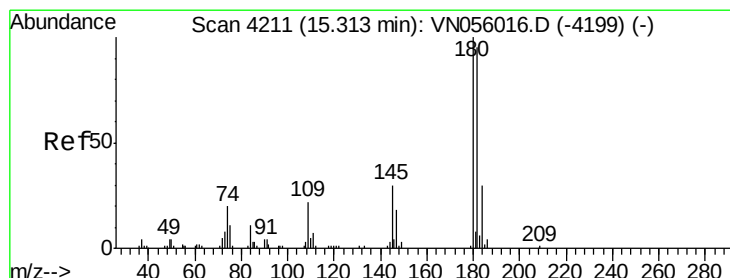
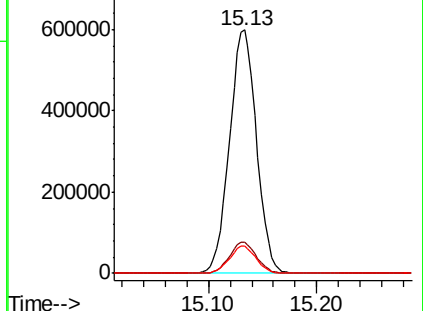
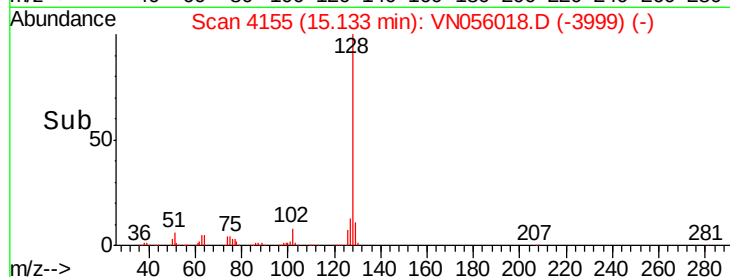
129 11.0 8.7 13.1



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: 112.921 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN056018.D

Acq: 5 Jun 2019 20:08

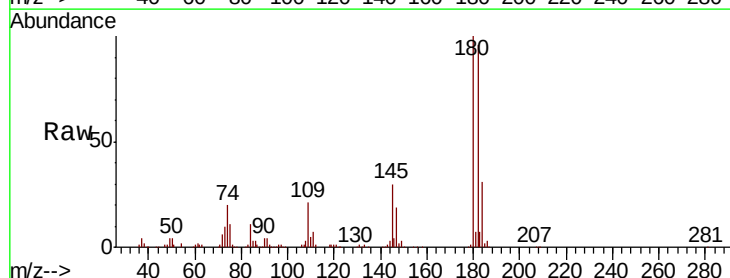
Tgt Ion:180 Resp: 400799

Ion Ratio Lower Upper

180 100

182 95.8 0.0 193.4

145 29.7 0.0 59.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

