

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042619\
 Data File : VN055263.D
 Acq On : 26 Apr 2019 00:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 26 05:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 26 05:19:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	68461	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	374140	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	313982	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	160554	29.71	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.03%
60) 4-Bromofluorobenzene	12.40	95	141290	29.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.73%
63) Toluene-d8	10.09	98	460584	30.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	71759	19.219	ug/l 100
3) Chloromethane	2.06	50	102655	19.660	ug/l 97
4) Vinyl Chloride	2.19	62	86822	20.402	ug/l 98
5) Bromomethane	2.56	94	48933	20.639	ug/l 97
6) Chloroethane	2.70	64	48344	20.392	ug/l 97
7) Trichlorofluoromethane	3.02	101	127188	20.330	ug/l 93
8) Diethyl Ether	3.41	74	50976	20.072	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	3.76	101	76709	19.264	ug/l 98
10) 1,1-Dichloroethene	3.74	96	72111	19.452	ug/l 99
11) Methyl Iodide	3.96	142	112585	19.312	ug/l 98
12) Methyl Acetate	4.33	43	103921	19.314	ug/l 96
13) Acrolein	3.61	56	21219	88.649	ug/l 94
14) Acrylonitrile	4.99	53	183486	96.006	ug/l 99
15) Acetone	3.82	58	39264	85.278	ug/l 90
16) Carbon Disulfide	4.06	76	190720	18.928	ug/l 99
17) Allyl chloride	4.33	41	153694	19.252	ug/l 98
18) Methylene Chloride	4.55	84	93844	20.390	ug/l 96
19) trans-1,2-Dichloroethene	5.05	96	78712	19.488	ug/l 95
20) Diisopropyl ether	5.96	45	325615	20.006	ug/l 98
21) 1,1-Dichloroethane	5.85	63	172015	20.338	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	93649	20.014	ug/l 98
23) tert-Butyl Alcohol	4.79	59	34625	88.739	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	237792	19.684	ug/l 99
25) Chloroform	7.37	83	165124	20.776	ug/l 98
26) Cyclohexane	7.65	56	143298	19.508	ug/l # 97
29) 1,1-Dichloropropene	7.80	75	115383	19.459	ug/l 99
30) 2-Butanone	6.84	43	213204	88.725	ug/l 100
31) 2,2-Dichloropropane	6.82	77	91874	16.359	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	129355	19.625	ug/l 99
33) Carbon Tetrachloride	7.77	117	107618	19.581	ug/l 95
34) Benzene	8.04	78	354571	19.974	ug/l 99
35) Methacrylonitrile	7.17	41	55452	20.009	ug/l 96
36) 1,2-Dichloroethane	8.13	62	126538	19.982	ug/l 100
37) Trichloroethene	8.84	130	86163	19.232	ug/l 97
38) Methylcyclohexane	9.08	83	116391	18.347	ug/l 99
39) 1,2-Dichloropropane	9.12	63	103720	20.411	ug/l 96
40) Dibromomethane	9.21	93	59015	20.043	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042619\
 Data File : VN055263.D
 Acq On : 26 Apr 2019 00:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Quant Time: Apr 26 05:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 26 05:19:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	118774	19.835	ug/l	94
42) Vinyl Acetate	5.90	43	1073000	93.246	ug/l	100
43) Ethyl Acetate	6.93	43	93728	18.821	ug/l	95
44) Isopropyl Acetate	8.17	43	168267	18.362	ug/l	95
45) 1,4-Dioxane	9.20	88	17752	373.783	ug/l	96
46) Methyl methacrylate	9.20	41	76595	17.752	ug/l	97
47) n-amyl Acetate	12.07	43	101978	15.643	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	102920	17.467	ug/l	95
49) cis-1,3-Dichloropropene	9.84	75	128251	18.762	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	80062	19.948	ug/l	97
51) Ethyl methacrylate	10.43	69	96724	17.727	ug/l	99
52) 1,3-Dichloropropane	10.71	76	134555	18.935	ug/l	99
53) Dibromochloromethane	10.90	129	75844	18.273	ug/l	97
54) 1,2-Dibromoethane	11.01	107	74067	19.021	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	140691	85.547	ug/l	99
56) Bromoform	12.13	173	47978	17.637	ug/l	97
58) 4-Methyl-2-Pentanone	9.99	43	462433	94.339	ug/l	99
59) 2-Hexanone	10.75	43	278703	88.816	ug/l	100
61) Tetrachloroethene	10.63	164	86280	21.177	ug/l	96
62) Toluene	10.16	91	362256	20.392	ug/l	98
64) Chlorobenzene	11.43	112	213332	20.270	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	80015	20.381	ug/l	100
66) Ethyl Benzene	11.51	91	373855	19.800	ug/l	99
67) m/p-Xylenes	11.62	106	273798	39.599	ug/l	98
68) o-Xylene	11.95	106	139015	20.145	ug/l	93
69) Styrene	11.96	104	207240	19.386	ug/l	99
70) Isopropylbenzene	12.25	105	366110	20.155	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	97937	19.562	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	109594	25.252	ug/l	65
73) Bromobenzene	12.53	156	82664	19.144	ug/l	100
74) n-propylbenzene	12.59	91	384580	18.971	ug/l	99
75) 2-Chlorotoluene	12.67	91	241421	19.415	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	280289	18.802	ug/l	97
77) t-1,4-Dichloro-2-butene	12.30	75	18444	15.967	ug/l	90
78) 4-Chlorotoluene	12.77	91	219812	18.595	ug/l	99
79) tert-butylbenzene	12.99	119	255983	19.936	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	272557	18.963	ug/l	100
81) sec-Butylbenzene	13.17	105	323716	19.071	ug/l	98
82) p-Isopropyltoluene	13.29	119	254054	18.043	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	127392	18.187	ug/l	97
84) 1,4-Dichlorobenzene	13.36	146	115789	17.514	ug/l	98
85) n-Butylbenzene	13.61	91	168561	15.701	ug/l	98
86) Hexachloroethane	13.88	117	43869	18.264	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	130395	18.604	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12319	16.810	ug/l	92
89) 1,2,4-Trichlorobenzene	14.91	180	37178	13.406	ug/l	98
90) Hexachlorobutadiene	15.01	225	41040	17.477	ug/l	97
91) Naphthalene	15.13	128	82817	12.923	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	40068	13.848	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042619\
Data File : VN055263.D
Acq On : 26 Apr 2019 00:19
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Apr 26 05:27:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 26 05:19:18 2019
Response via : Initial Calibration

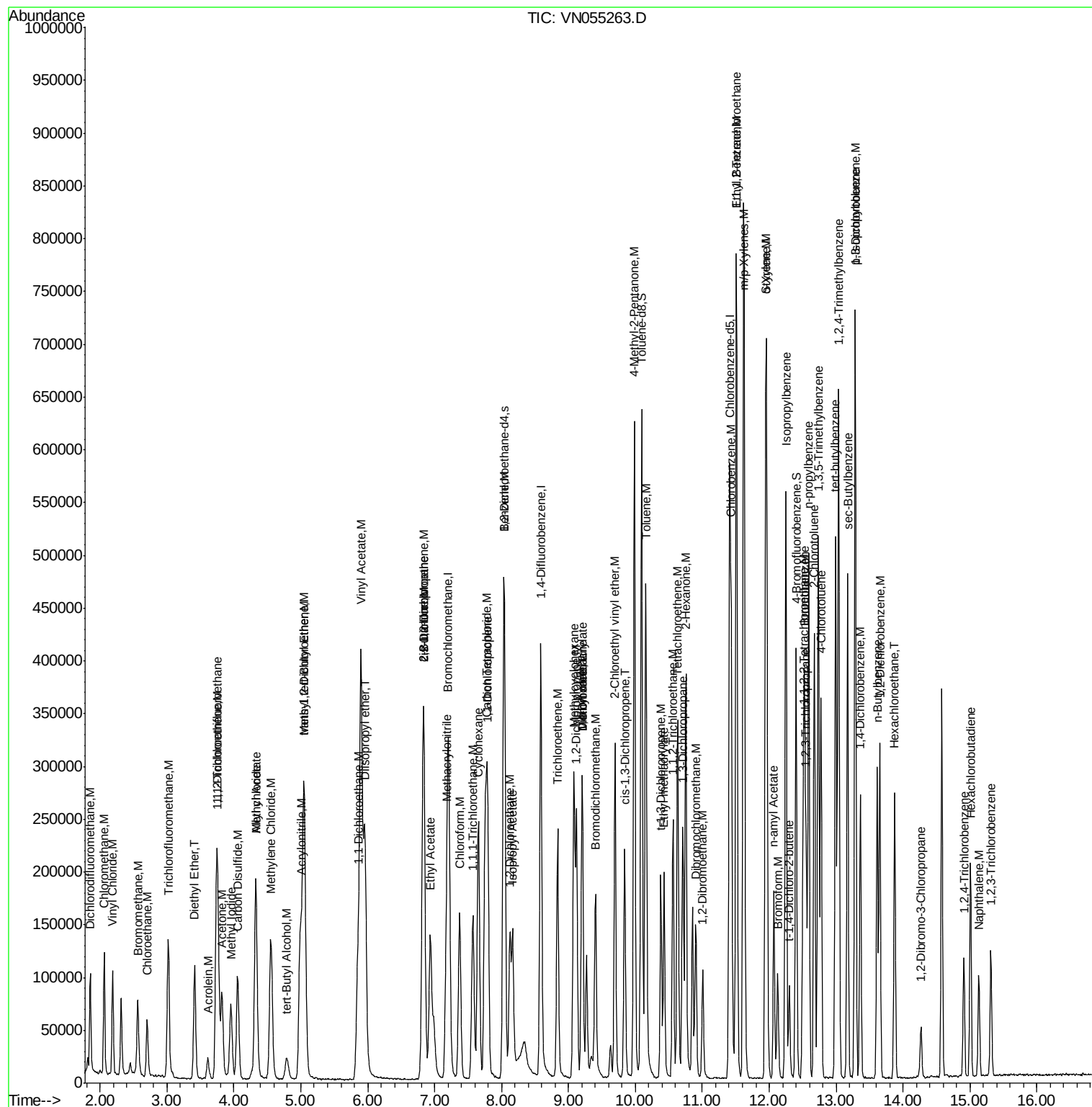
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

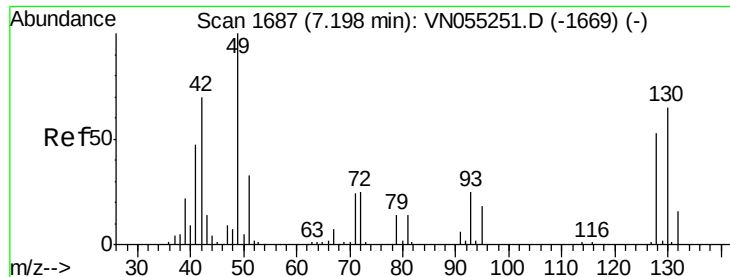
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042619\
 Data File : VN055263.D
 Acq On : 26 Apr 2019 00:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 26 05:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 26 05:19:18 2019
 Response via : Initial Calibration

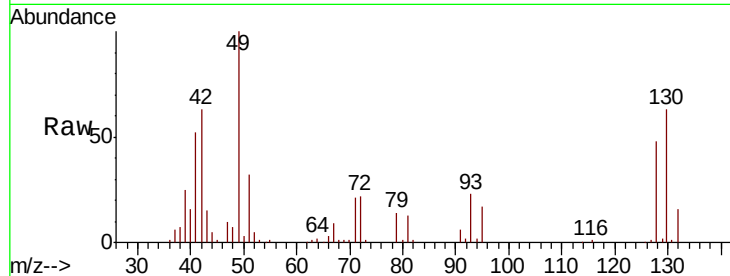




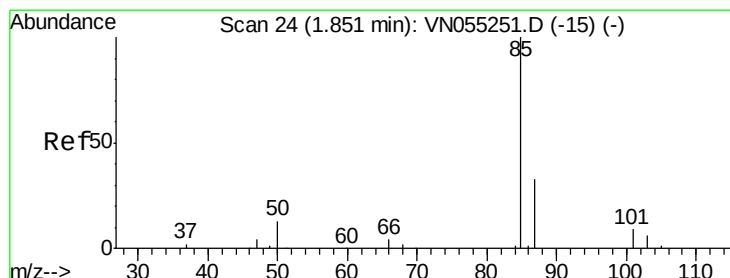
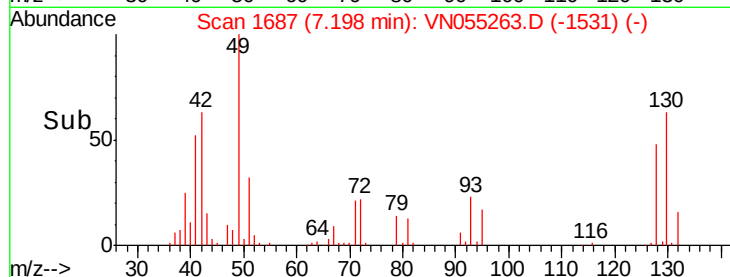
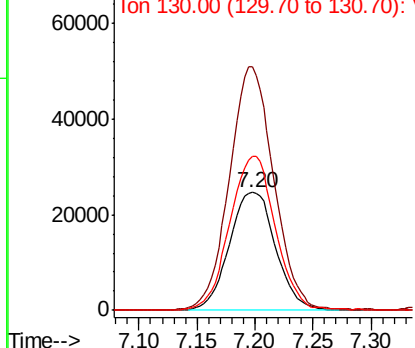
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:128 Resp: 68461
 Ion Ratio Lower Upper
 128 100
 49 198.3 0.0 485.0
 130 127.9 0.0 324.7

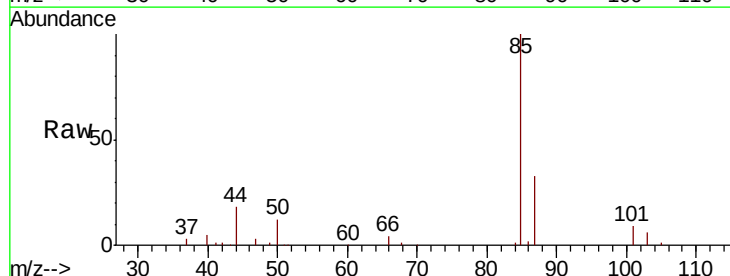


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

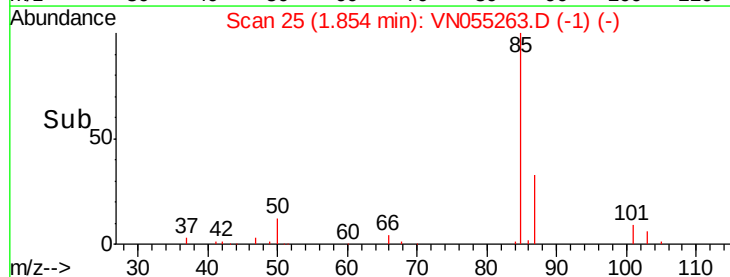
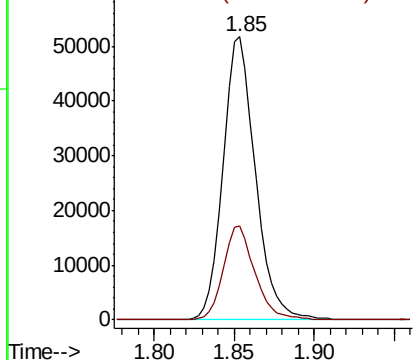


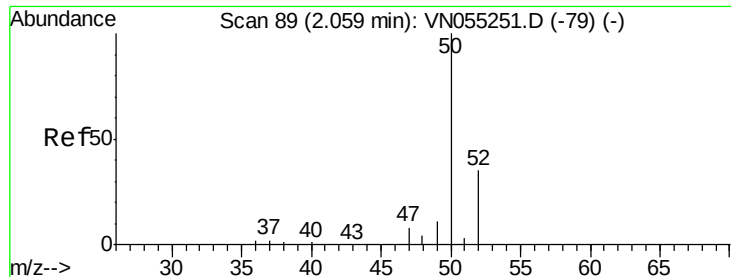
#2
 Dichlorodifluoromethane
 Concen: 19.219 ug/l
 RT: 1.85 min Scan# 25
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 85 Resp: 71759
 Ion Ratio Lower Upper
 85 100
 87 33.1 16.6 49.7



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





#3

Chloromethane

Concen: 19.660 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

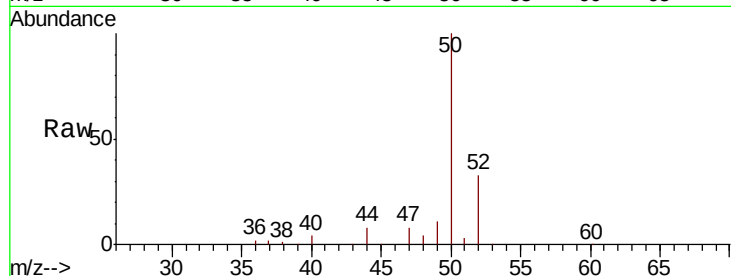
VSTDCCC020EC

Tot Ion: 50 Resp: 102655

Ion Ratio Lower Upper

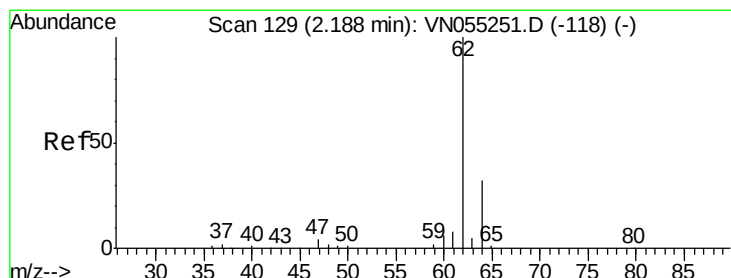
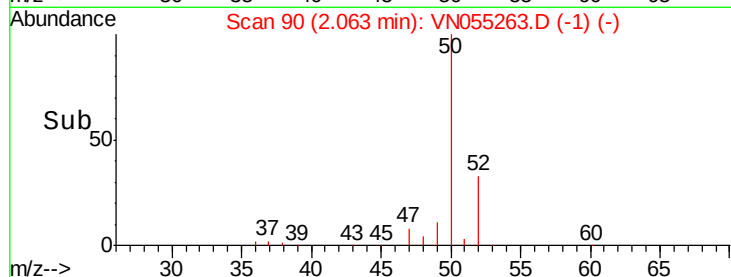
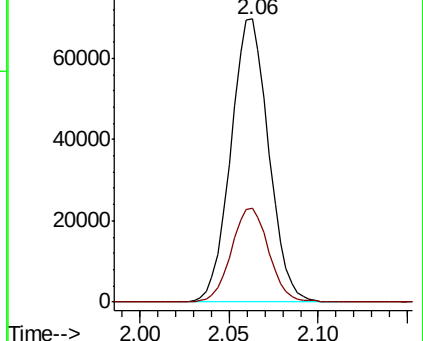
50 100

52 33.0 27.9 41.9



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.402 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055263.D

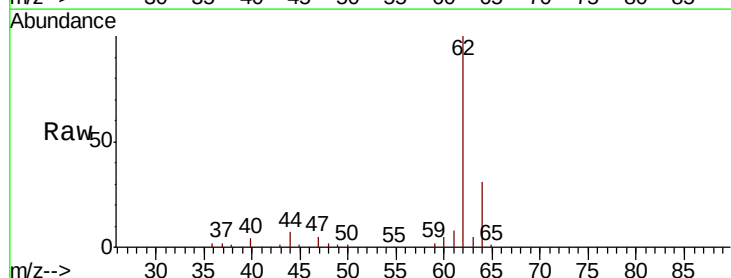
Acq: 26 Apr 2019 00:19

Tgt Ion: 62 Resp: 86822

Ion Ratio Lower Upper

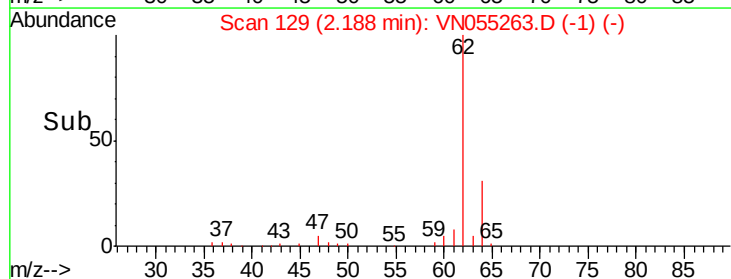
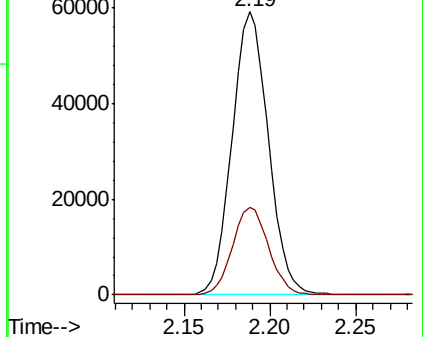
62 100

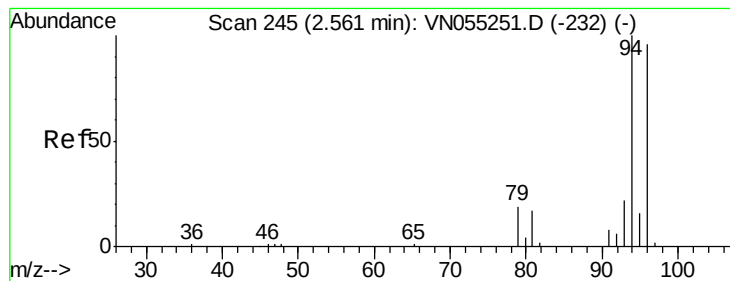
64 31.1 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.639 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

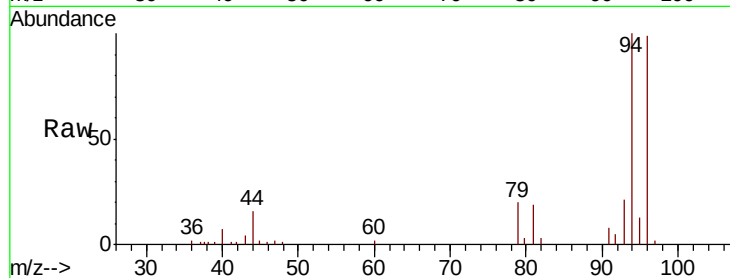
VSTDCCC020EC

Tot Ion: 94 Resp: 48933

Ion Ratio Lower Upper

94 100

96 98.8 77.0 115.6



Abundance Ion 94.00 (93.70 to 94.70): VN055251.D (-232) (-)

Ion 96.00 (95.70 to 96.70): VN055251.D (-232) (-)

25000

20000

15000

10000

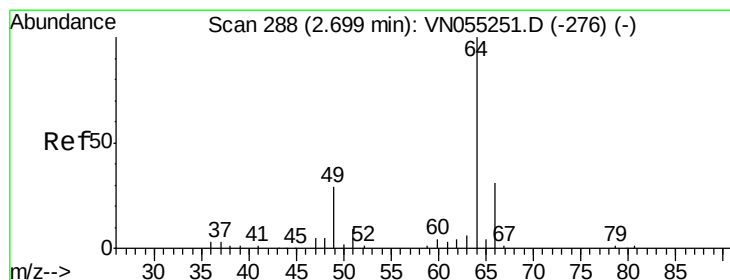
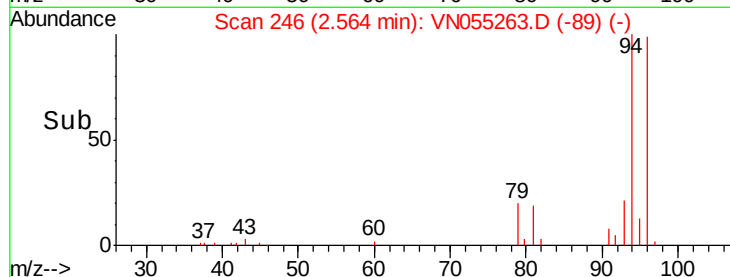
5000

0

2.56

2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 20.392 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN055263.D

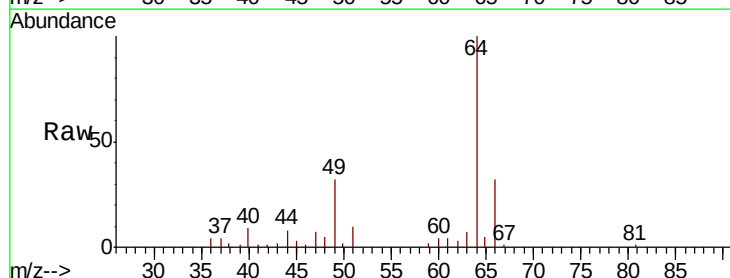
Acq: 26 Apr 2019 00:19

Tgt Ion: 64 Resp: 48344

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8



Abundance Ion 64.00 (63.70 to 64.70): VN055251.D (-276) (-)

Ion 66.00 (65.70 to 66.70): VN055251.D (-276) (-)

25000

20000

15000

10000

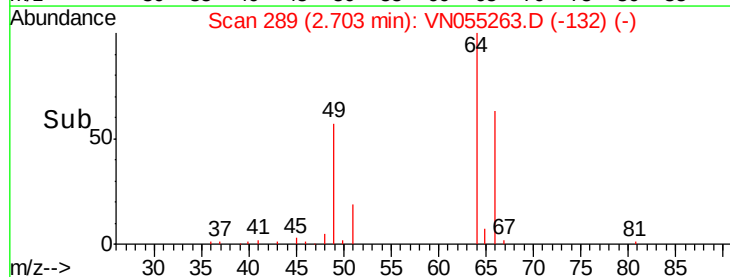
5000

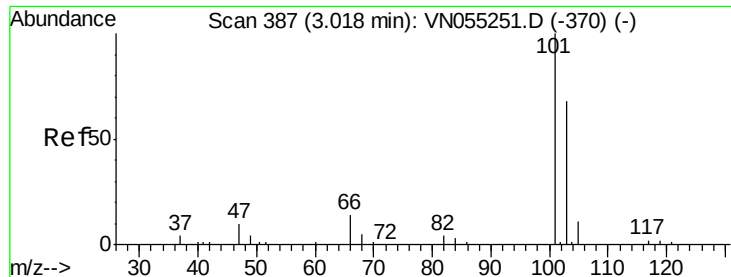
0

2.70

2.65 2.75 2.80

Time-->



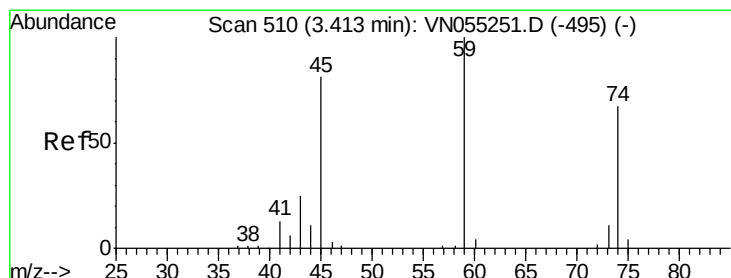
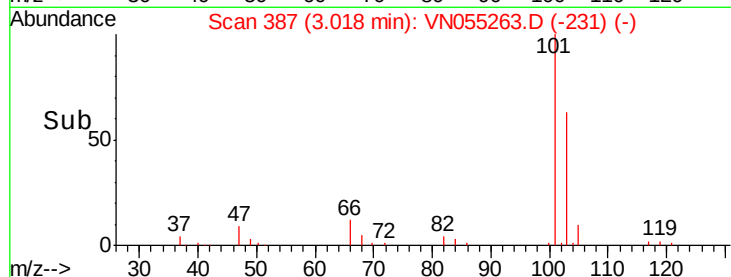
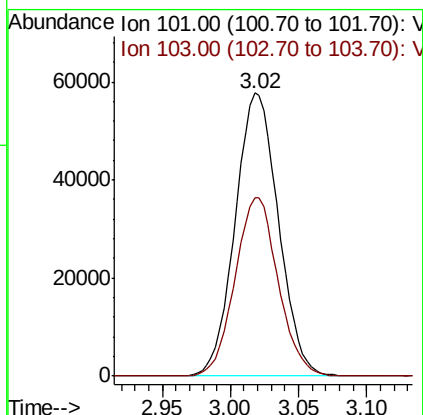
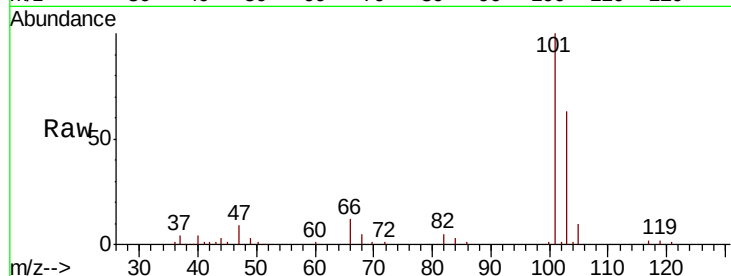


#7

Trichlorofluoromethane
 Concen: 20.330 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

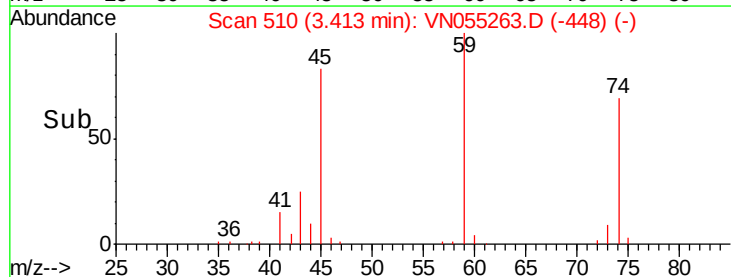
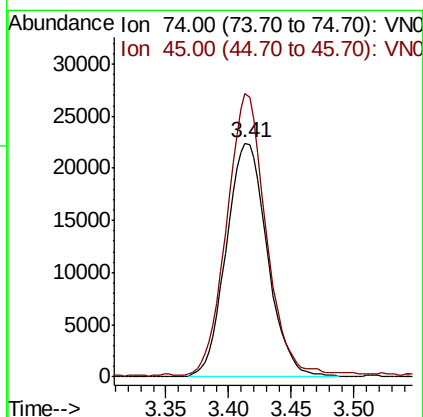
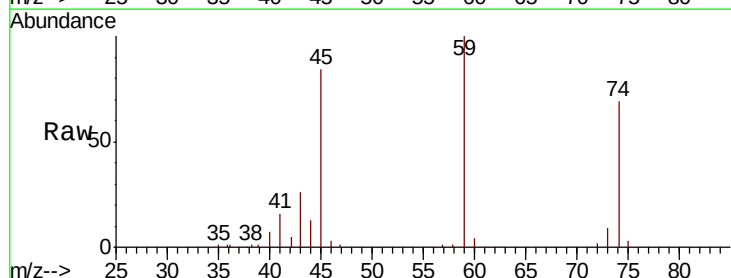
Tot Ion:101 Resp: 127188
 Ion Ratio Lower Upper
 101 100
 103 62.9 54.6 81.8

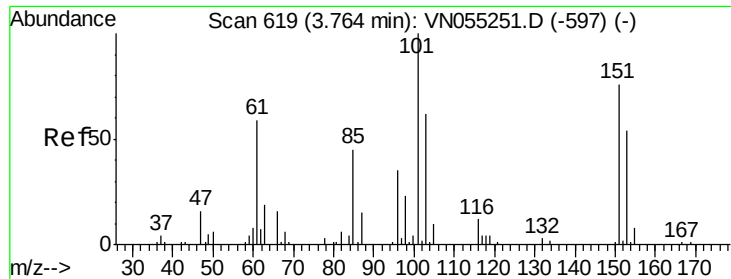


#8

Diethyl Ether
 Concen: 20.072 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 74 Resp: 50976
 Ion Ratio Lower Upper
 74 100
 45 113.5 25.1 225.7

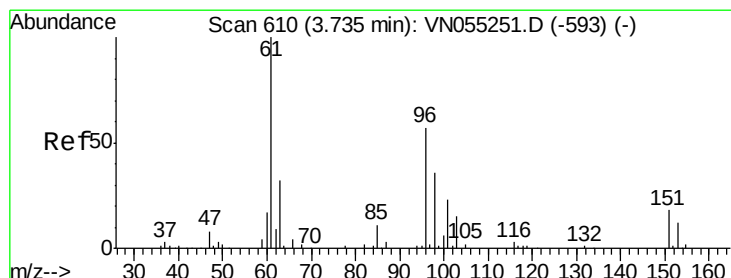
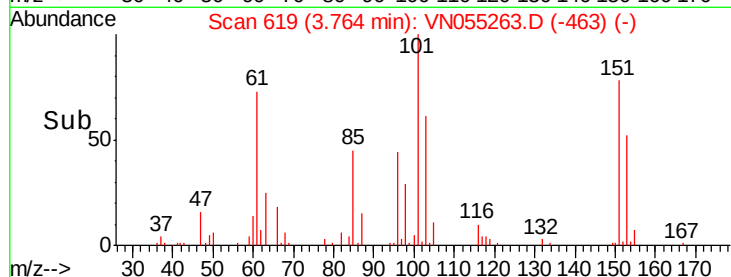
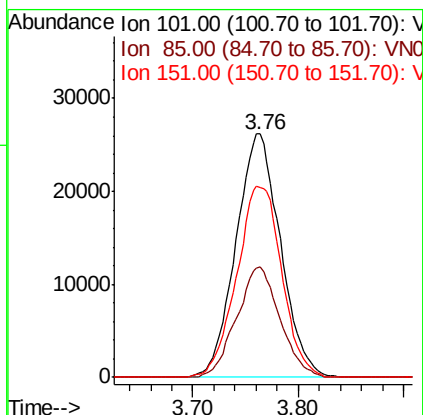
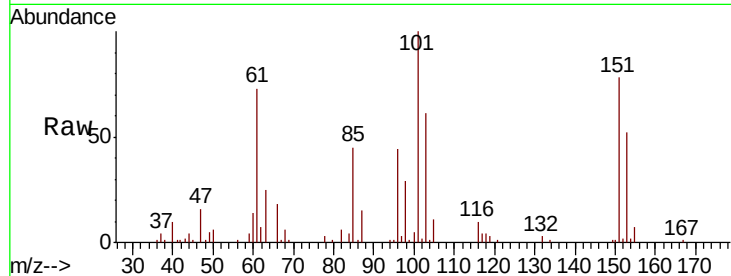




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.264 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

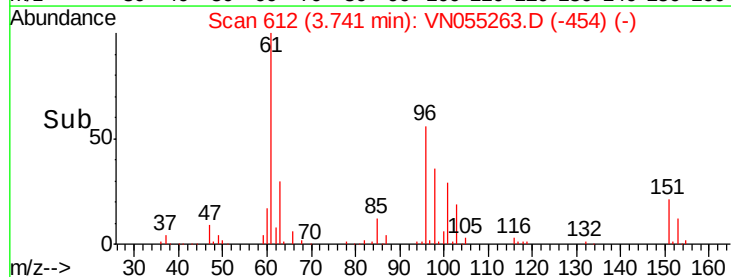
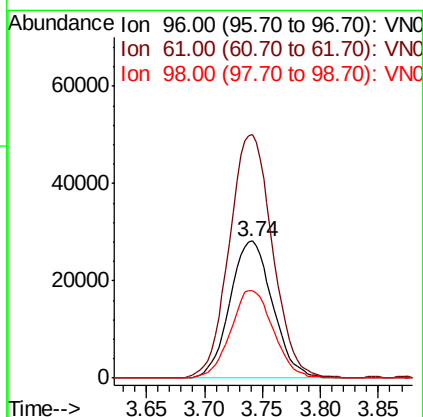
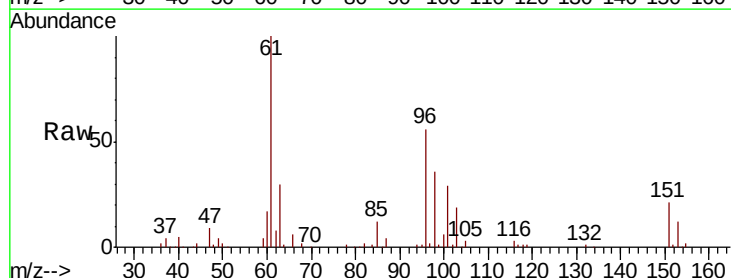
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

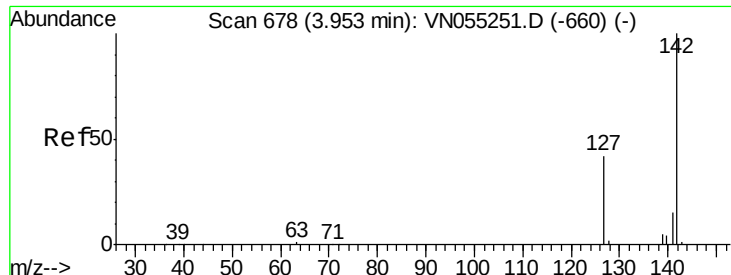
Tot Ion:101 Resp: 76709
 Ion Ratio Lower Upper
 101 100
 85 44.2 0.0 89.0
 151 79.7 0.0 154.4



#10
 1,1-Dichloroethene
 Concen: 19.452 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 96 Resp: 72111
 Ion Ratio Lower Upper
 96 100
 61 176.6 139.9 209.9
 98 63.7 50.8 76.2

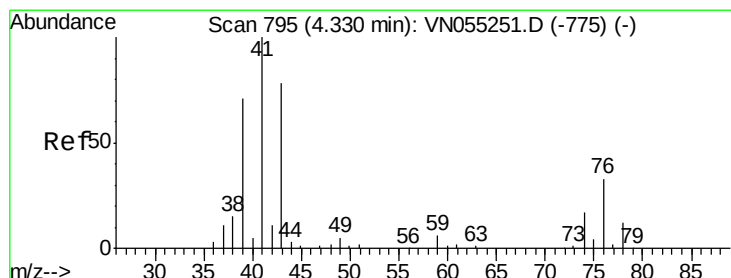
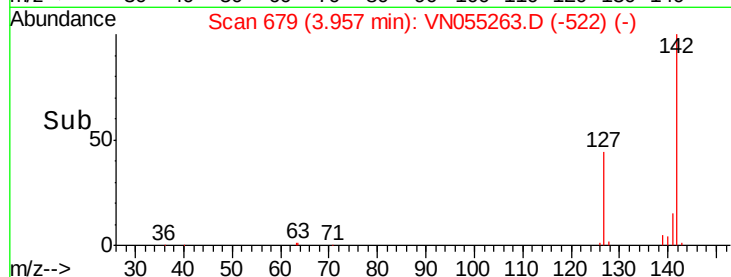
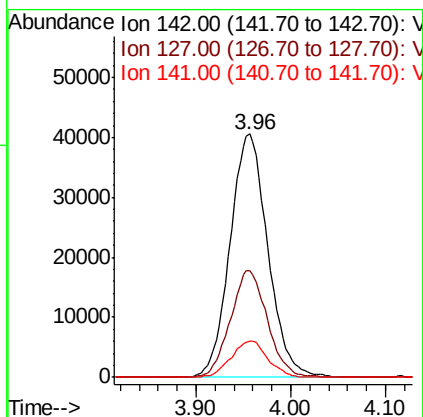
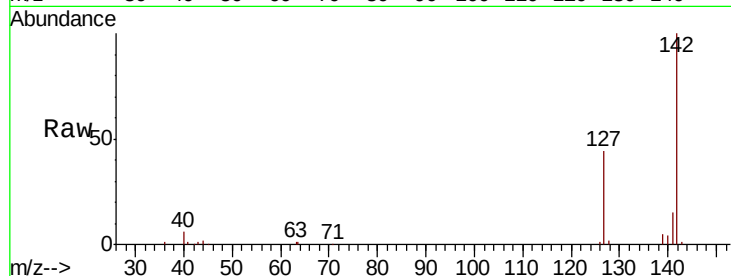




#11
Methyl Iodide
Concen: 19.312 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

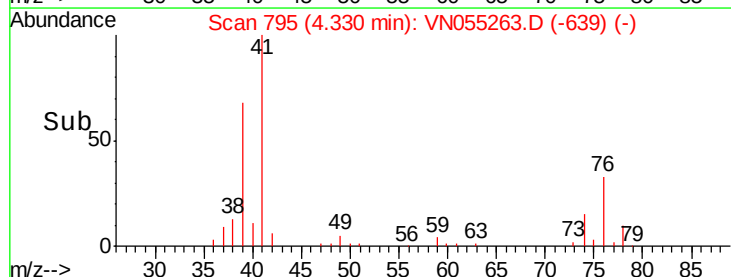
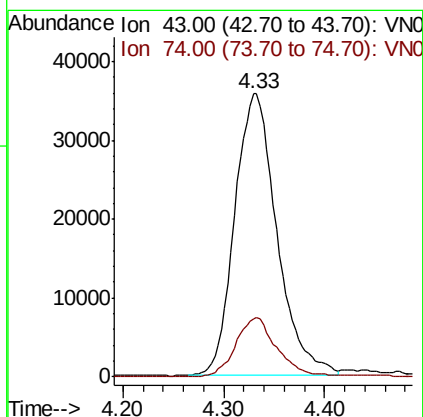
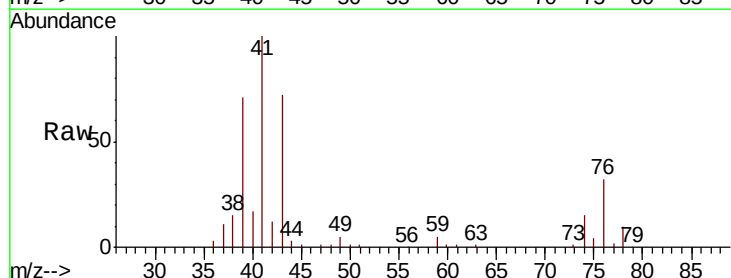
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

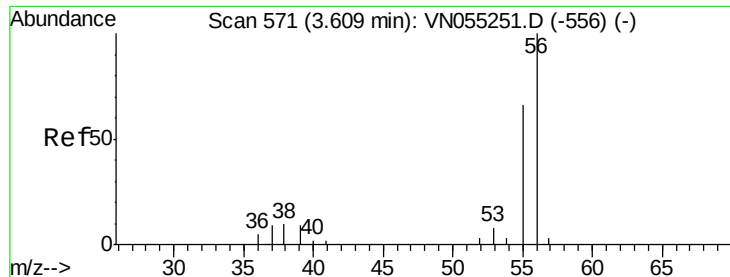
Tot Ion:142 Resp: 112585
Ion Ratio Lower Upper
142 100
127 43.7 20.9 62.7
141 14.9 7.6 22.8



#12
Methyl Acetate
Concen: 19.314 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion: 43 Resp: 103921
Ion Ratio Lower Upper
43 100
74 20.3 17.7 26.5





#13

Acrolein

Concen: 88.649 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

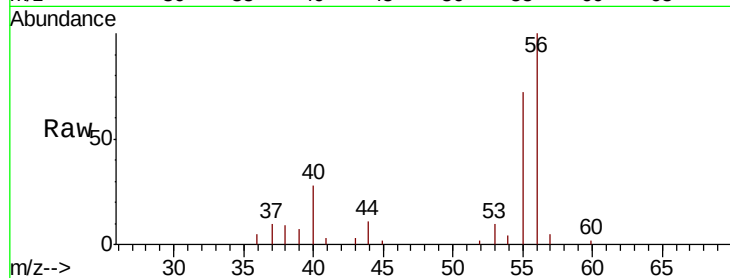
VSTDCCC020EC

Tot Ion: 56 Resp: 21219

Ion Ratio Lower Upper

56 100

55 73.4 54.9 82.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

10000

8000

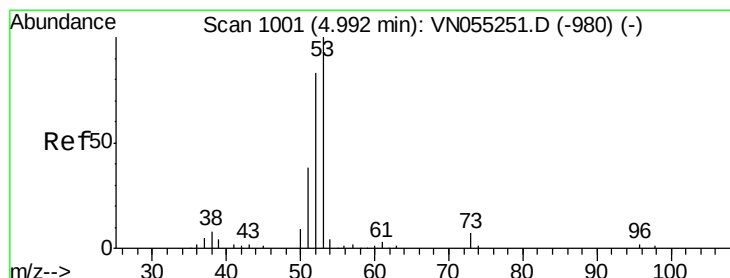
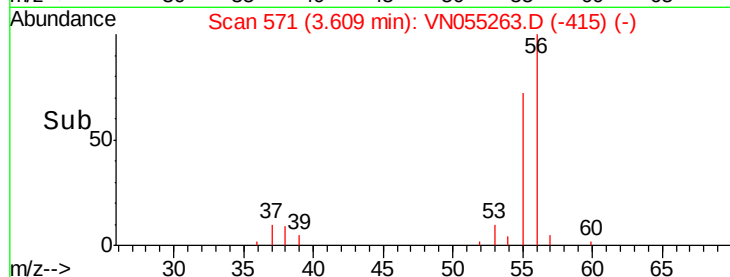
6000

4000

2000

0

Time-->



#14

Acrylonitrile

Concen: 96.006 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

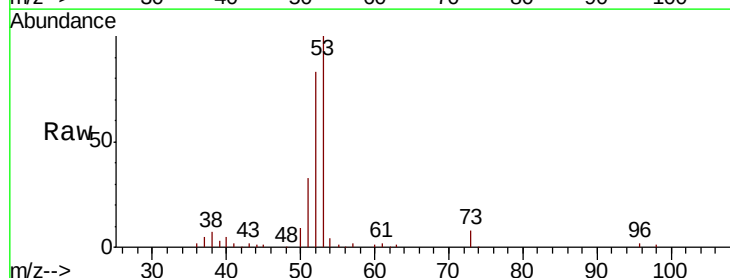
Tgt Ion: 53 Resp: 183486

Ion Ratio Lower Upper

53 100

52 81.0 41.0 123.2

51 35.2 18.1 54.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

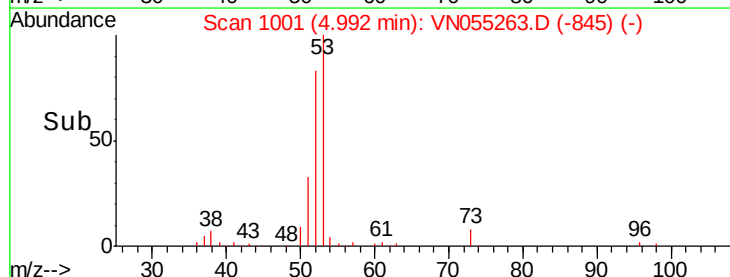
60000

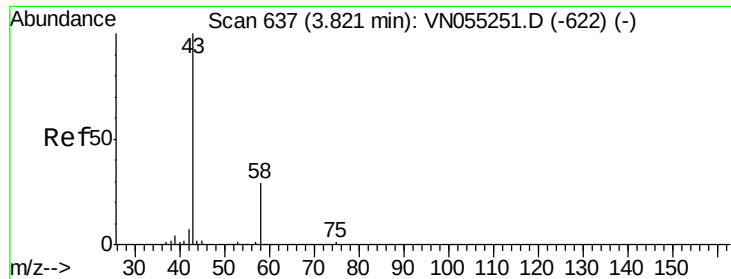
40000

20000

0

Time-->





#15

Acetone

Concen: 85.278 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

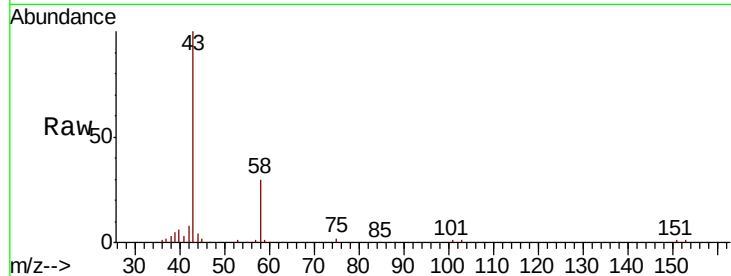
VSTDCCC020EC

Tot Ion: 58 Resp: 39264

Ion Ratio Lower Upper

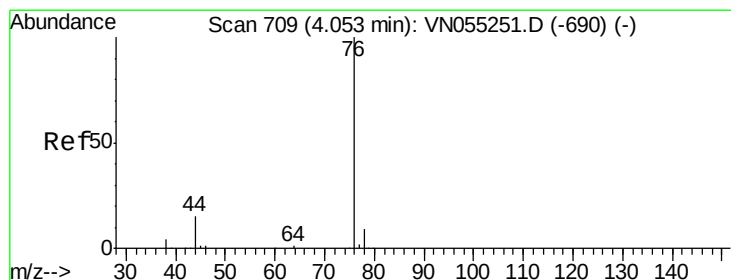
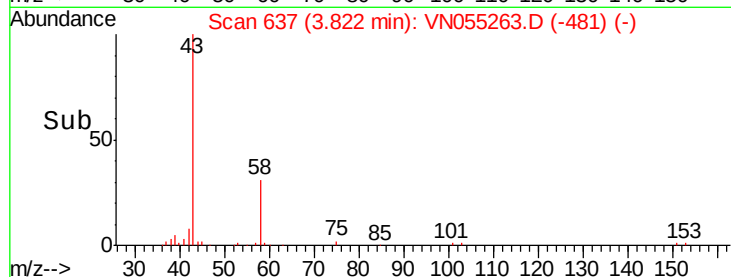
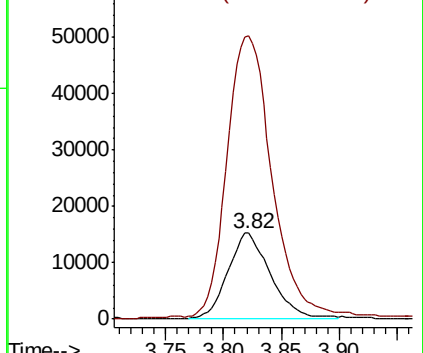
58 100

43 326.4 278.2 417.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 18.928 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055263.D

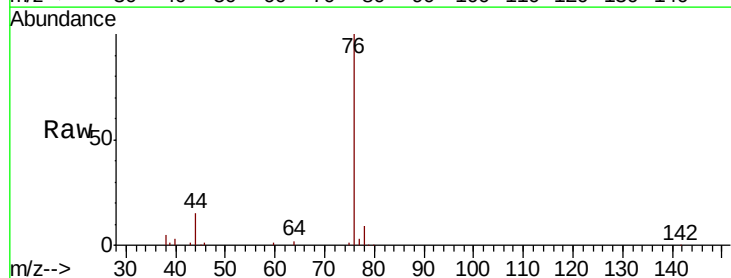
Acq: 26 Apr 2019 00:19

Tgt Ion: 76 Resp: 190720

Ion Ratio Lower Upper

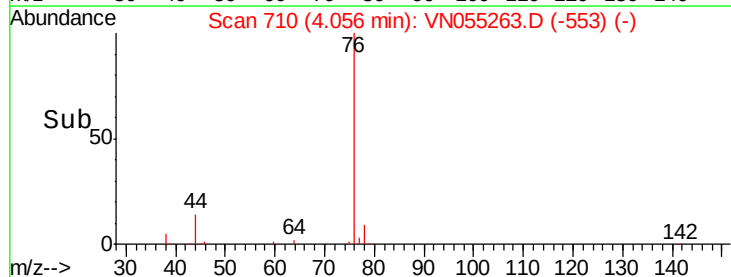
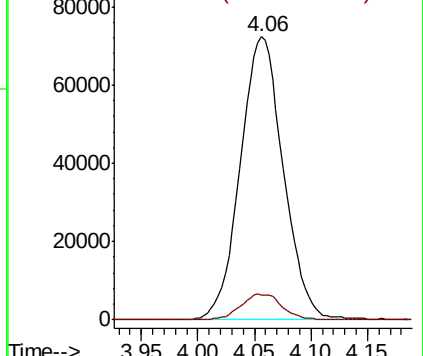
76 100

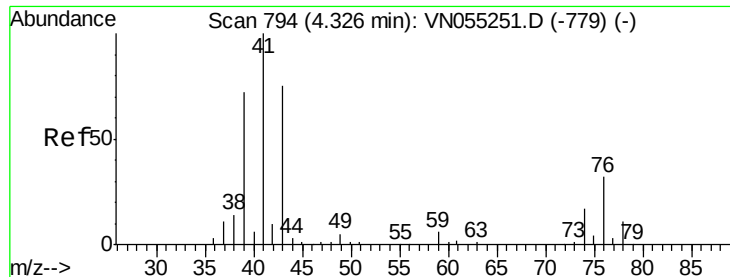
78 8.9 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allvl chloride

Concen: 19.252 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

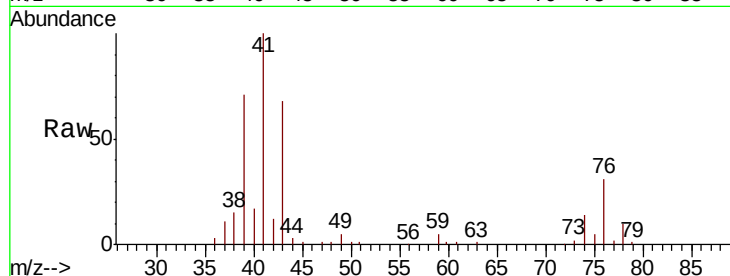
Tot Ion: 41 Resp: 153694

Ion Ratio Lower Upper

41 100

39 70.8 34.4 103.2

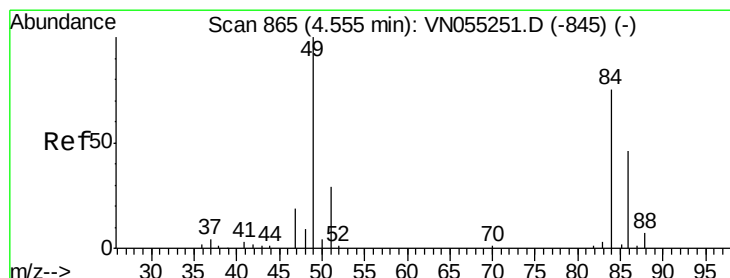
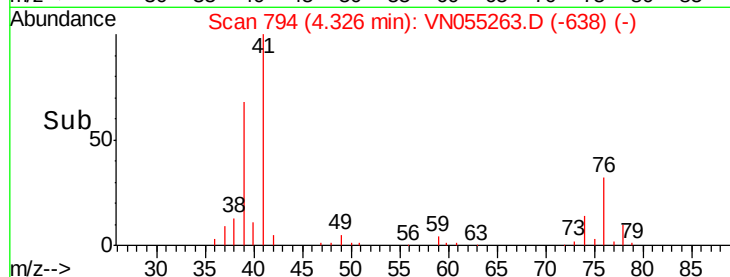
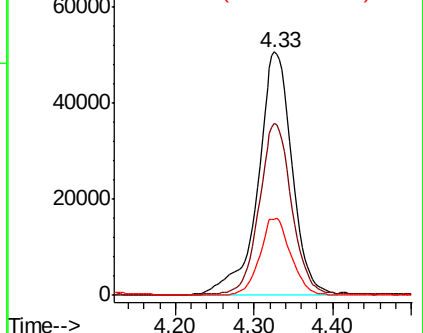
76 31.3 15.3 45.9



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 76.00 (75.70 to 76.70): VN0



#18

Methylene Chloride

Concen: 20.390 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Tgt Ion: 84 Resp: 93844

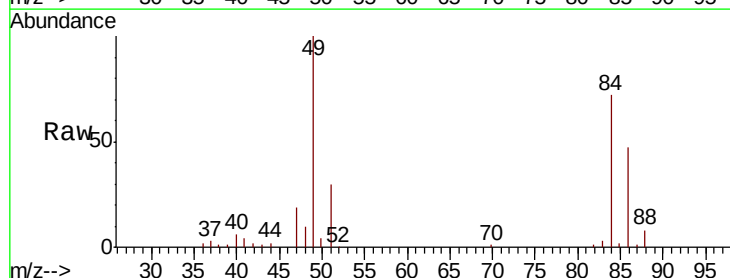
Ion Ratio Lower Upper

84 100

49 137.9 107.2 160.8

51 41.3 31.4 47.2

86 65.4 49.4 74.0

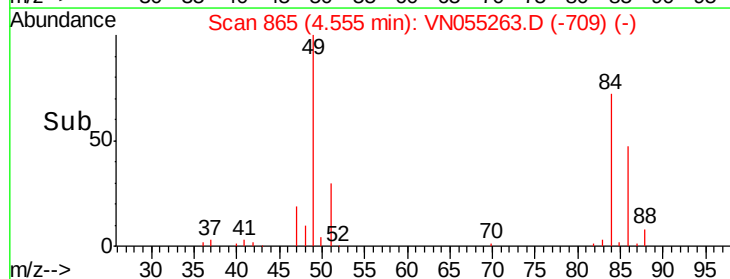
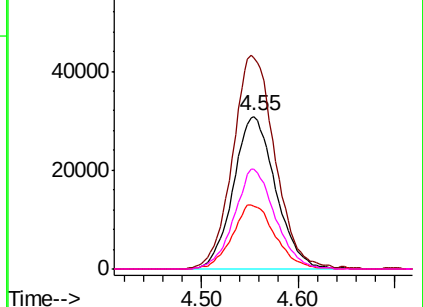


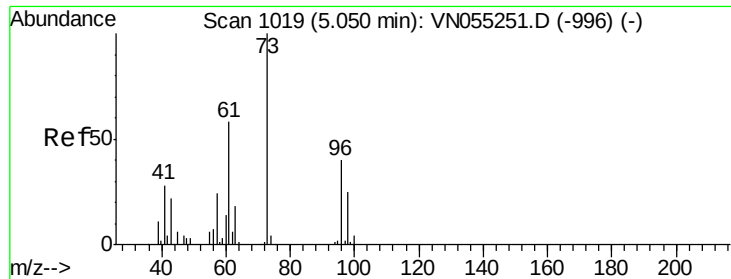
Abundance Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

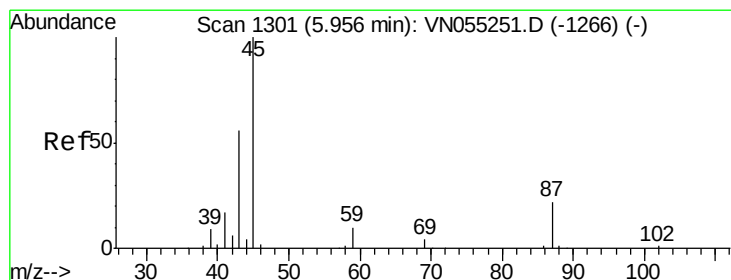
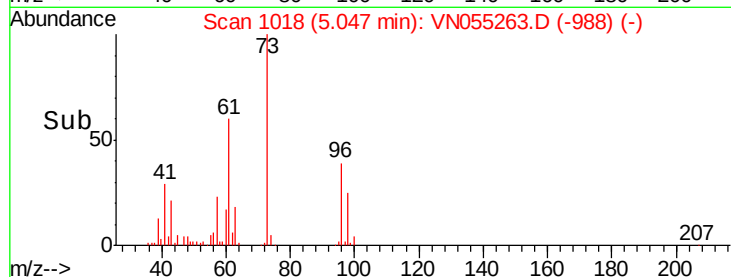
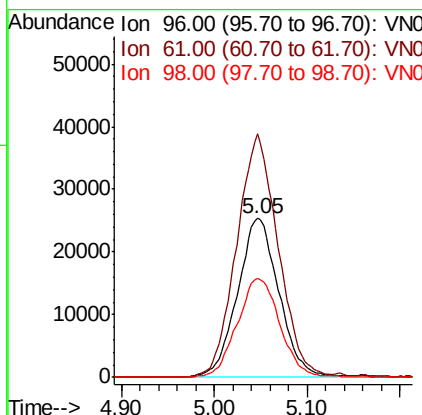
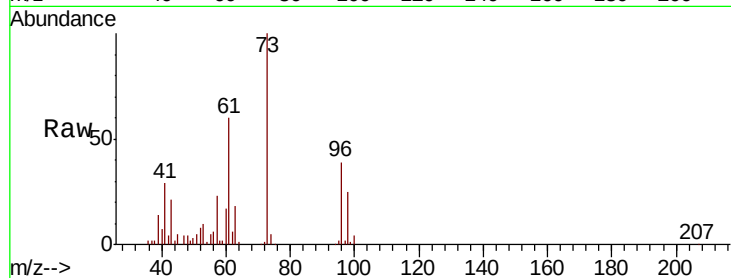




#19
trans-1,2-Dichloroethene
Concen: 19.488 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

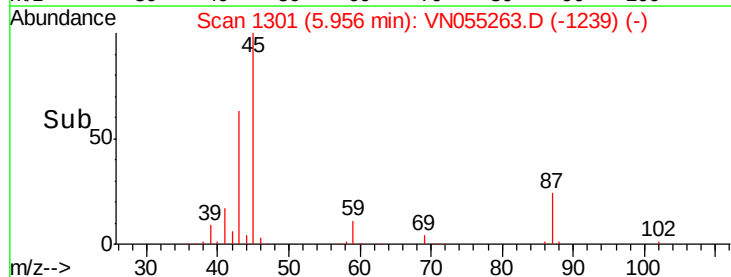
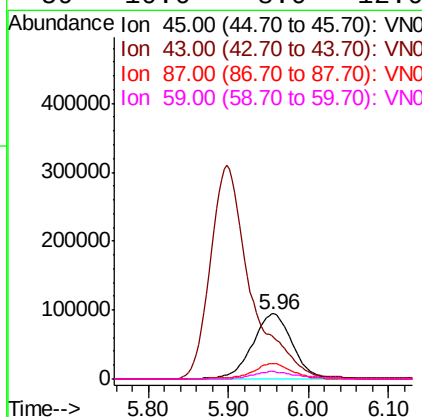
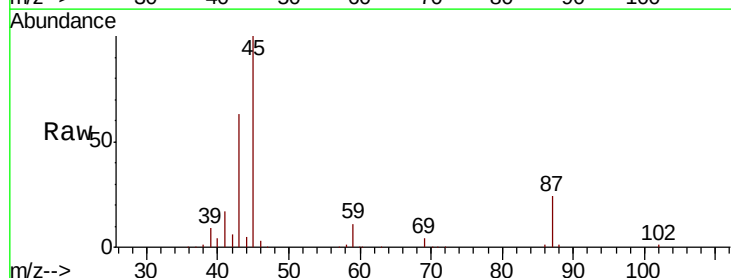
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

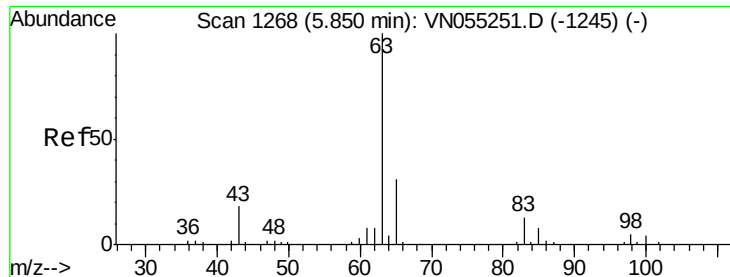
Tot Ion: 96 Resp: 78712
Ion Ratio Lower Upper
96 100
61 153.4 116.3 174.5
98 62.6 49.4 74.2



#20
Diisopropyl ether
Concen: 20.006 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion: 45 Resp: 325615
Ion Ratio Lower Upper
45 100
43 59.9 46.1 69.1
87 23.4 18.3 27.5
59 10.6 8.0 12.0

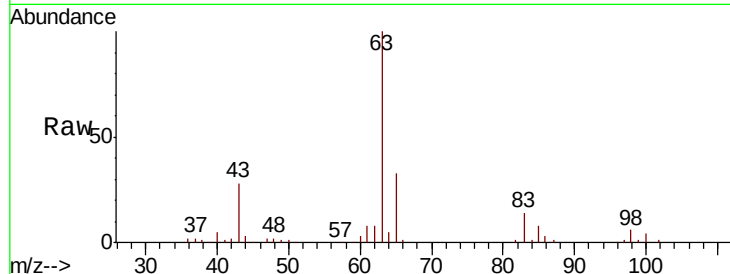




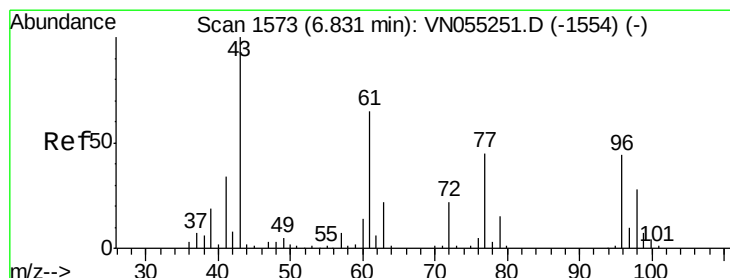
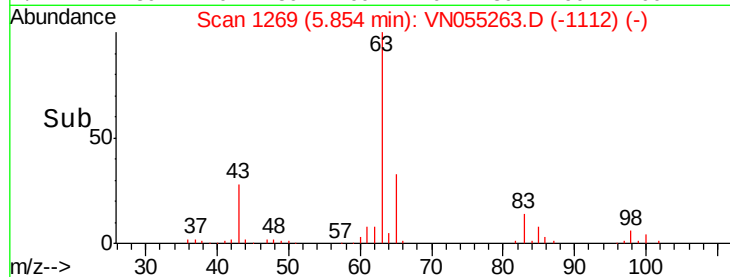
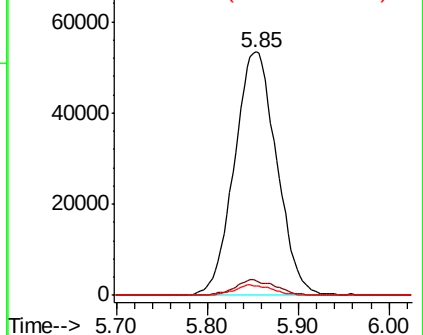
#21
 1,1-Dichloroethane
 Concen: 20.338 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 172015
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.8 8.3
 100 3.6 2.0 5.8

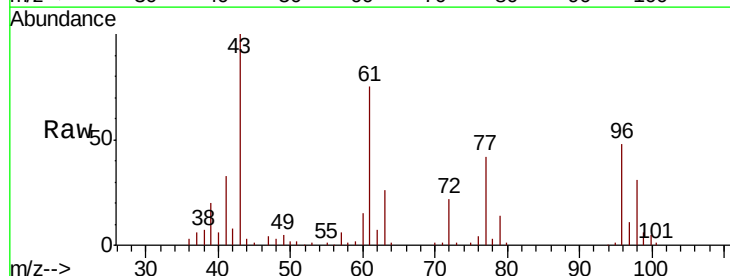


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

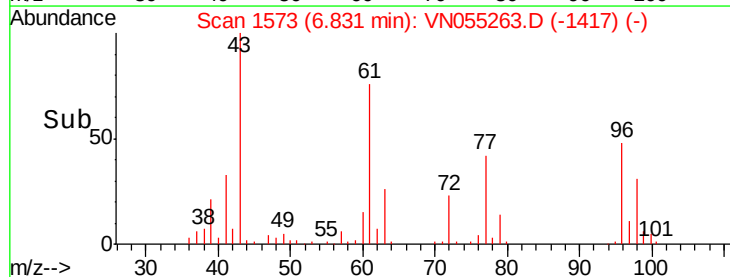
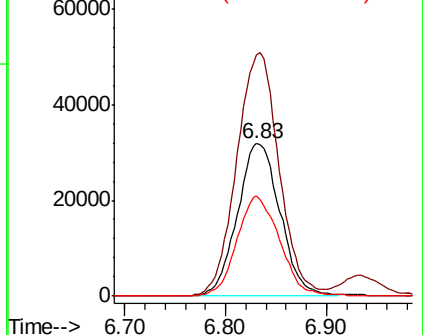


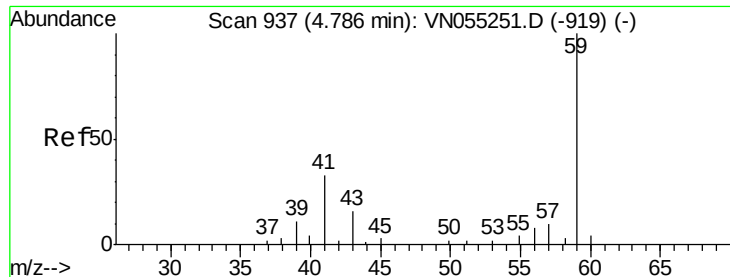
#22
 cis-1,2-Dichloroethene
 Concen: 20.014 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 96 Resp: 93649
 Ion Ratio Lower Upper
 96 100
 61 158.1 129.1 193.7
 98 65.3 53.2 79.8



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





#23

tert-Butyl Alcohol

Concen: 88.739 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

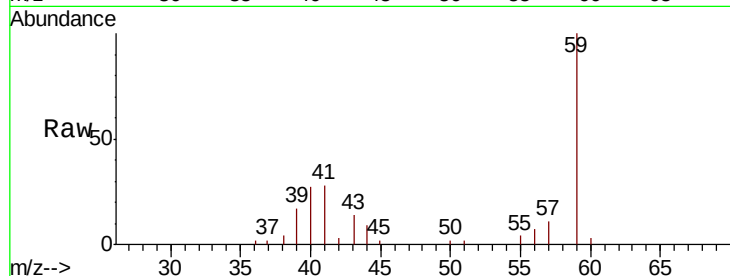
VSTDCCC020EC

Tot Ion: 59 Resp: 34625

Ion Ratio Lower Upper

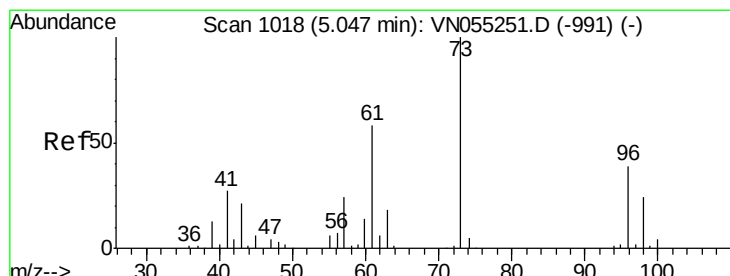
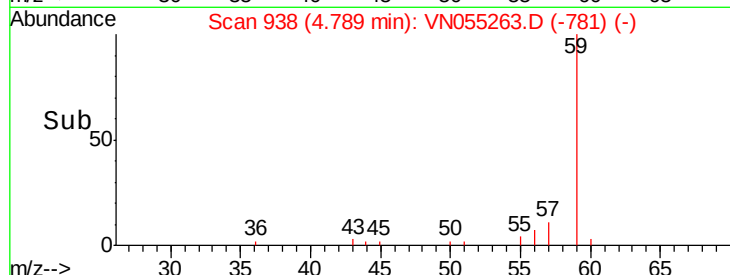
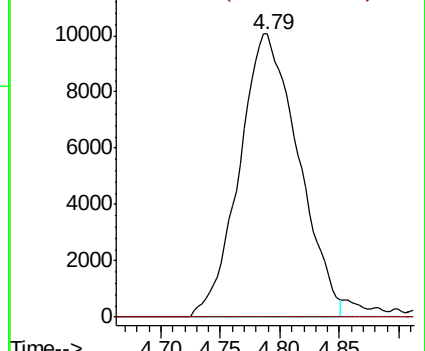
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 19.684 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN055263.D

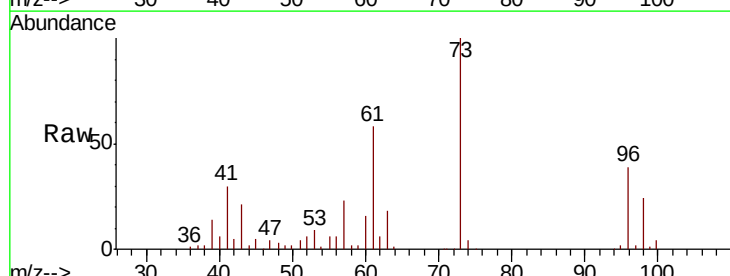
Acq: 26 Apr 2019 00:19

Tgt Ion: 73 Resp: 237792

Ion Ratio Lower Upper

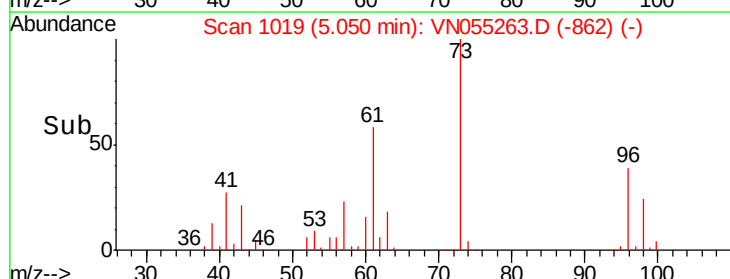
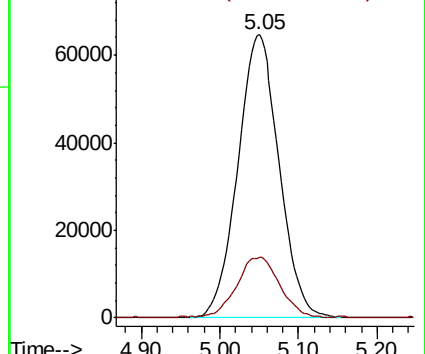
73 100

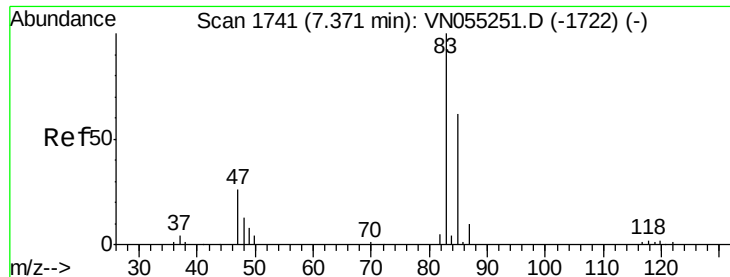
43 21.9 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

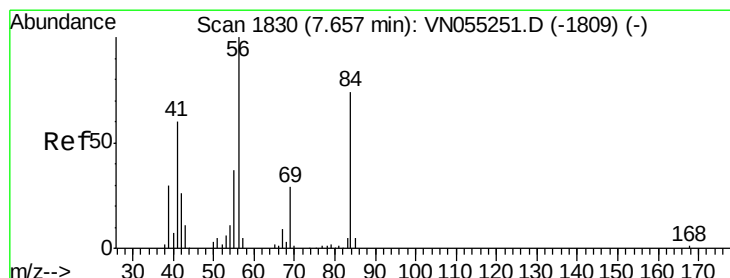
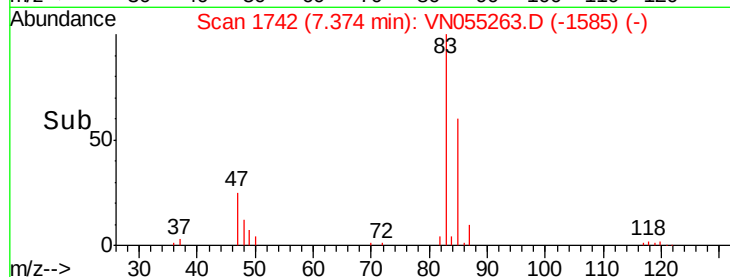
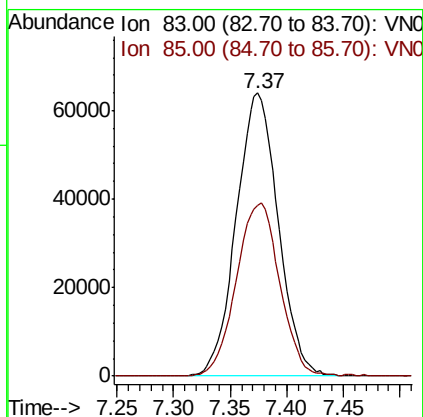
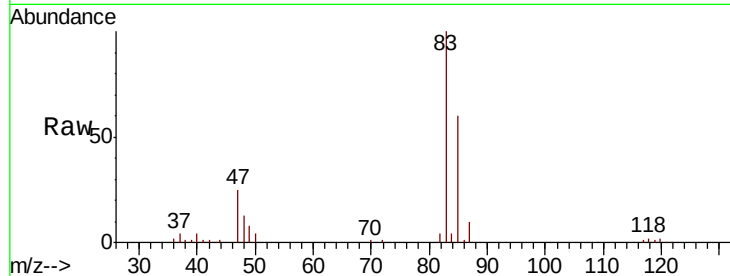




#25
Chloroform
Concen: 20.776 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

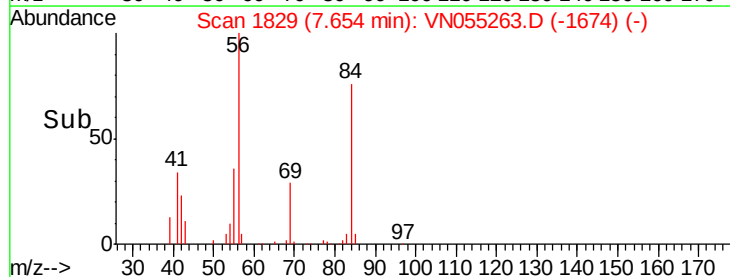
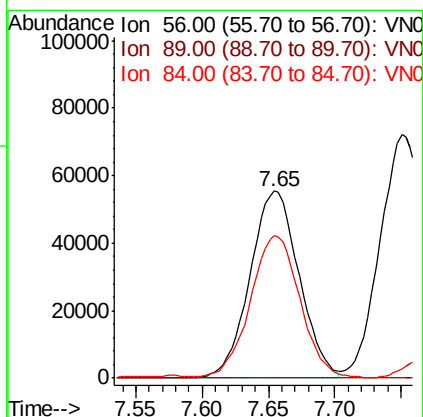
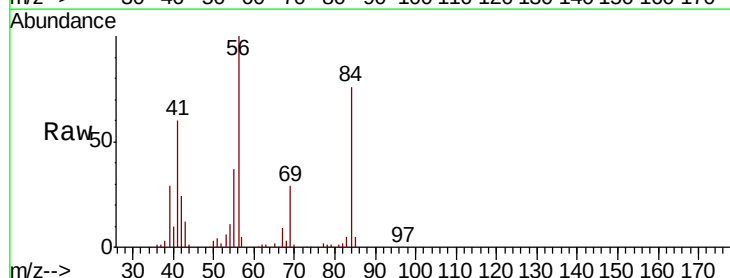
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

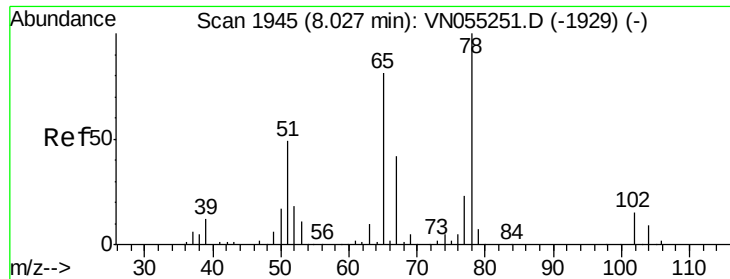
Tot Ion: 83 Resp: 165124
Ion Ratio Lower Upper
83 100
85 60.5 49.7 74.5



#26
Cyclohexane
Concen: 19.508 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion: 56 Resp: 143298
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 77.2 63.5 95.3

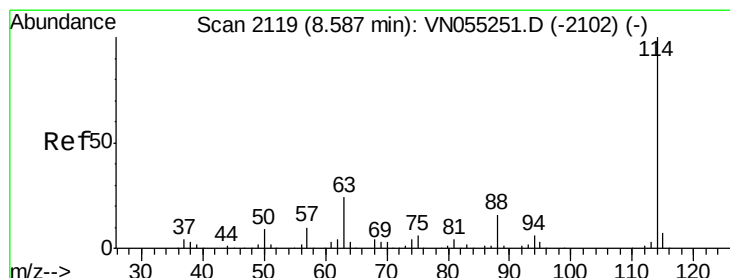
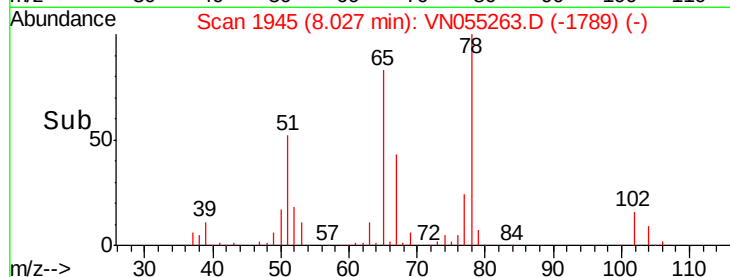
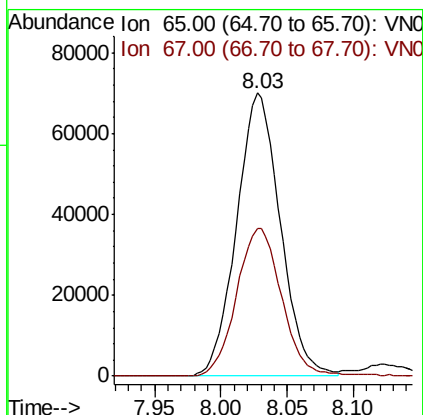
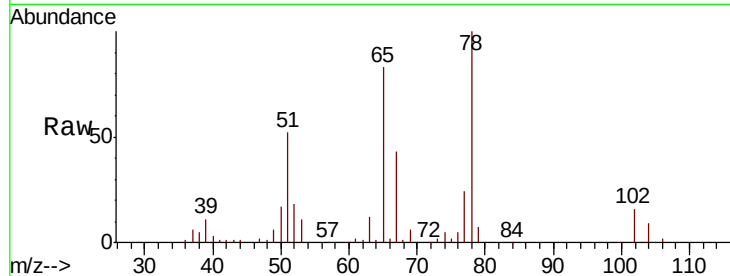




#27
 1,2-Dichloroethane-d4
 Concen: 19.508 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

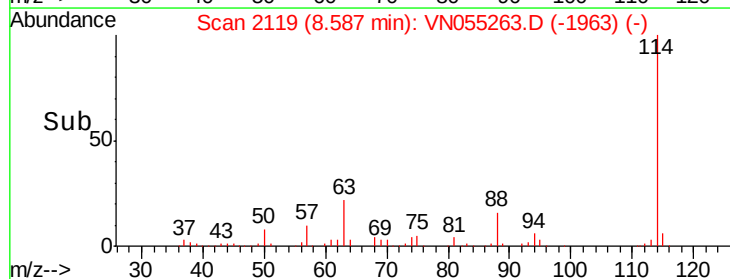
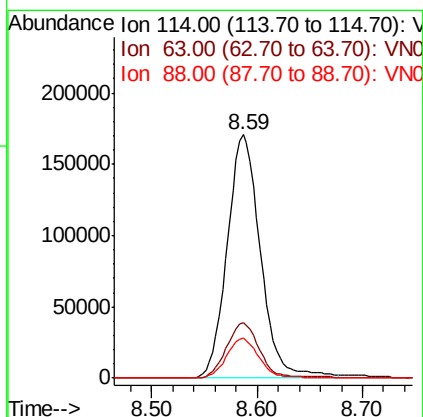
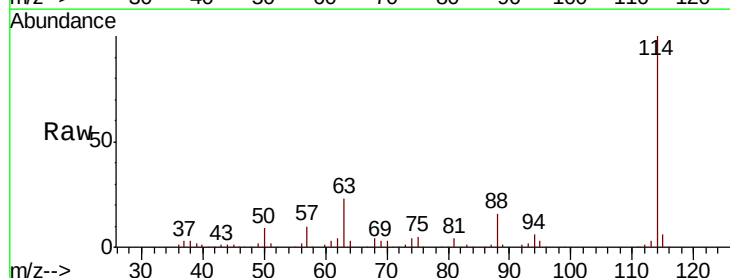
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

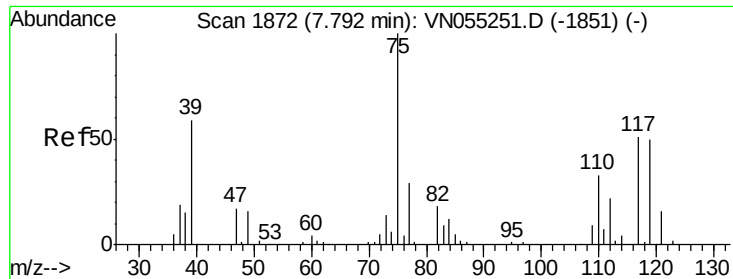
Tot Ion: 65 Resp: 160554
 Ion Ratio Lower Upper
 65 100
 67 53.5 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 114 Resp: 374140
 Ion Ratio Lower Upper
 114 100
 63 22.2 18.2 27.2
 88 15.7 12.6 18.8

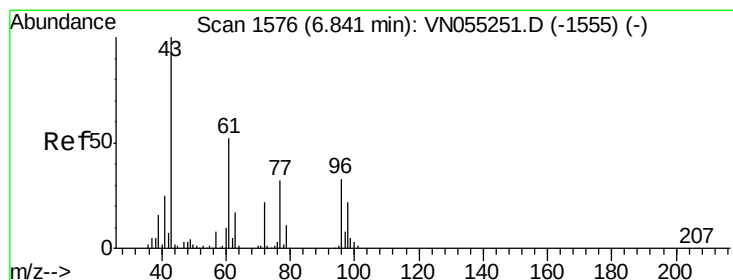
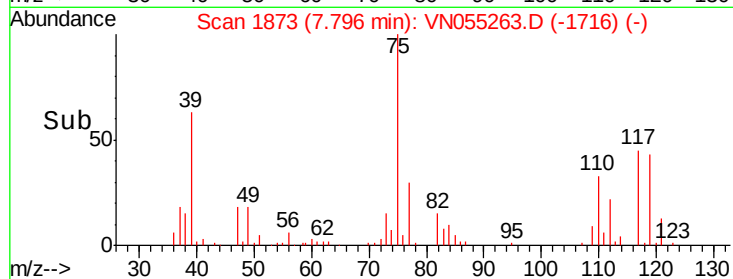
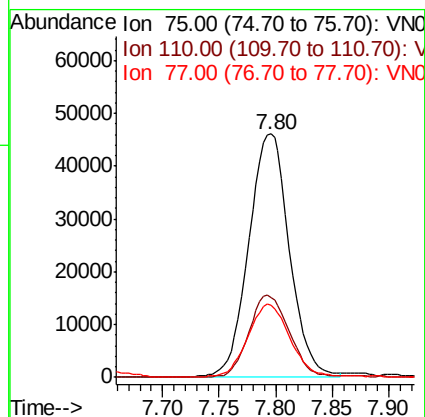
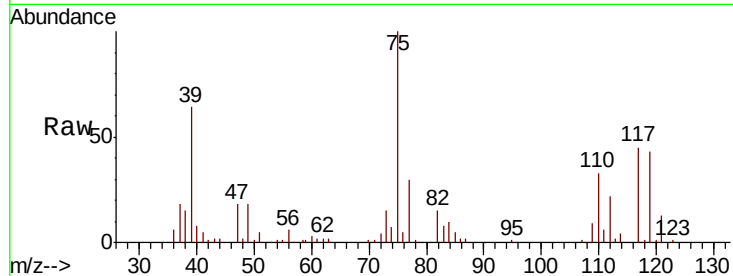




#29
 1,1-Dichloropropene
 Concen: 19.459 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

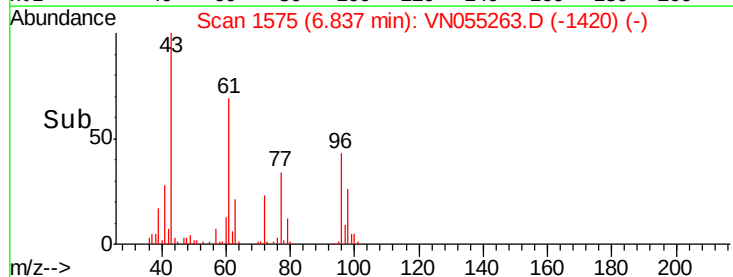
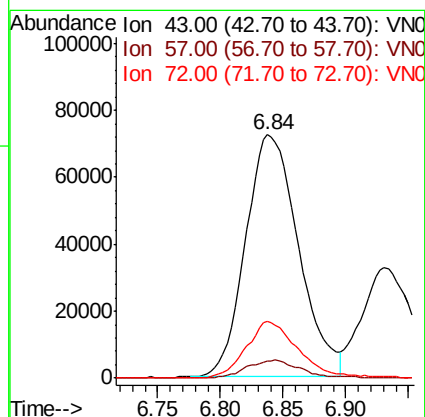
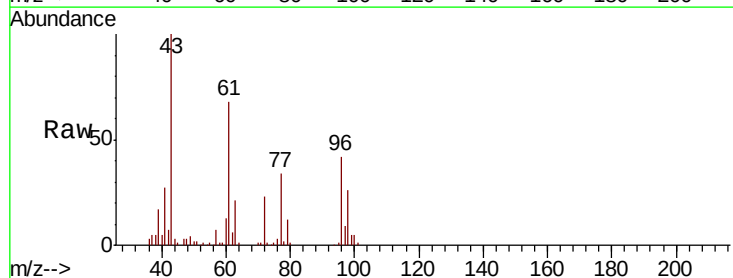
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

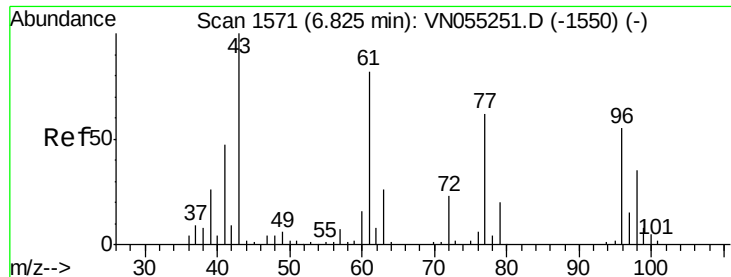
Tot Ion: 75 Resp: 115383
 Ion Ratio Lower Upper
 75 100
 110 33.4 0.0 68.6
 77 31.1 0.0 61.6



#30
 2-Butanone
 Concen: 88.725 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 43 Resp: 213204
 Ion Ratio Lower Upper
 43 100
 57 7.2 6.0 9.0
 72 22.6 17.9 26.9

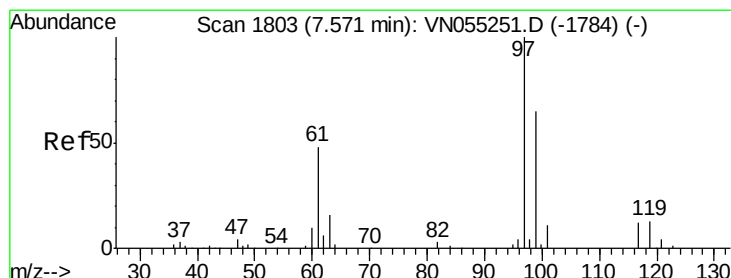
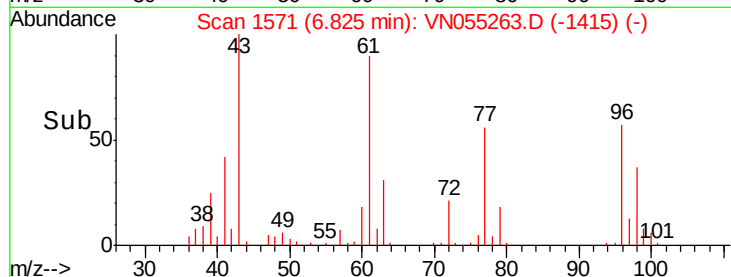
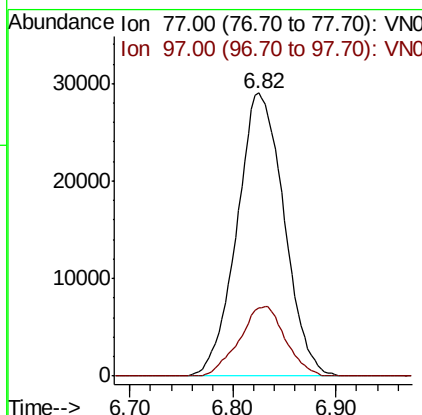
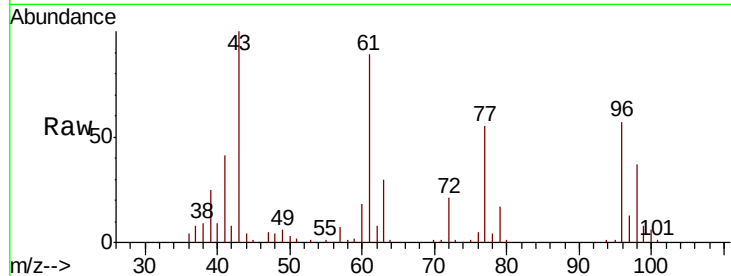




#31
 2,2-Dichloropropane
 Concen: 16.359 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

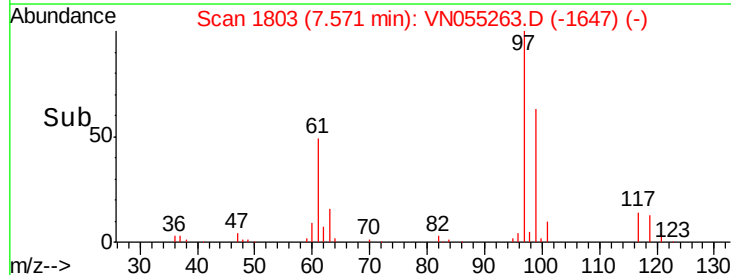
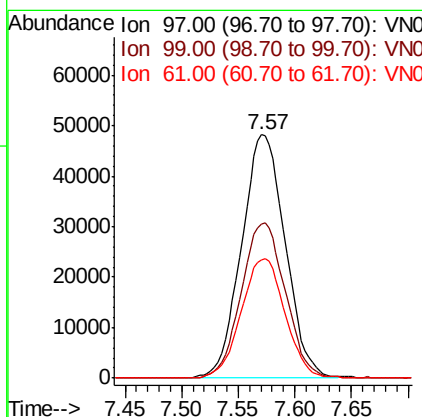
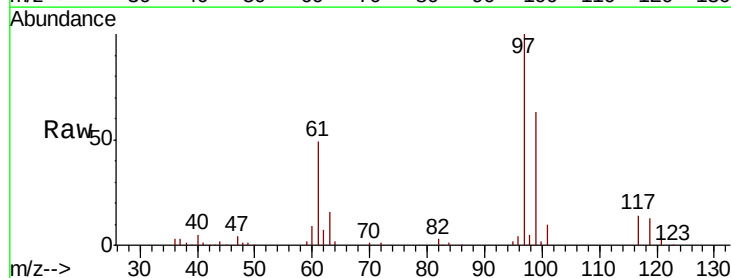
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

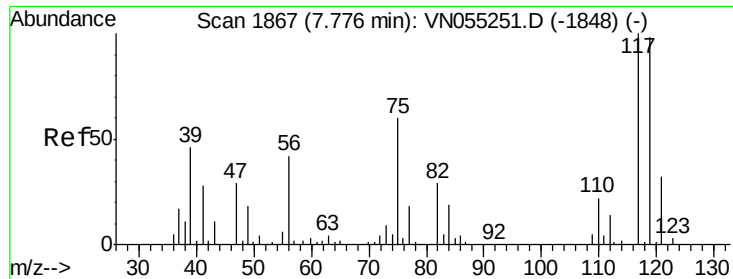
Tot Ion: 77 Resp: 91874
 Ion Ratio Lower Upper
 77 100
 97 24.0 18.6 28.0



#32
 1,1,1-Trichloroethane
 Concen: 19.625 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 97 Resp: 129355
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.2 76.8
 61 49.2 38.3 57.5

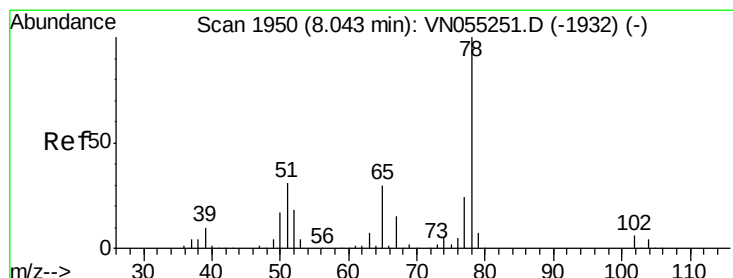
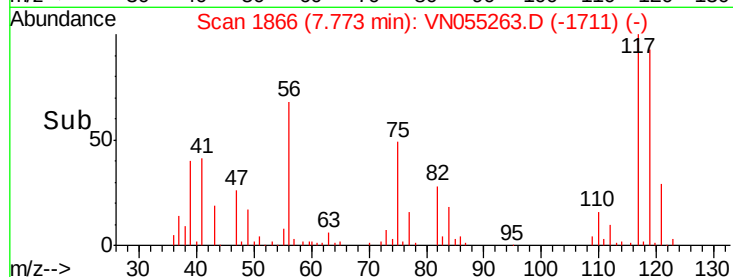
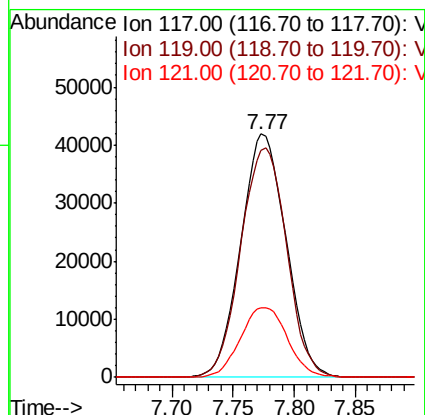
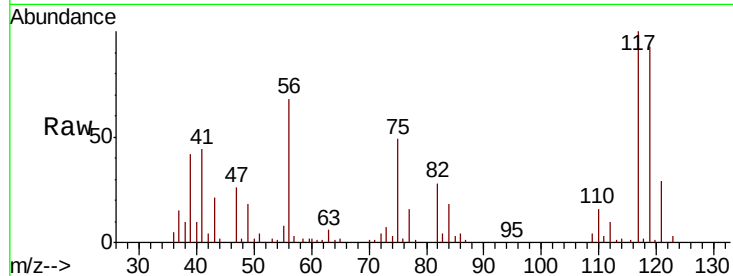




#33
Carbon Tetrachloride
Concen: 19.581 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

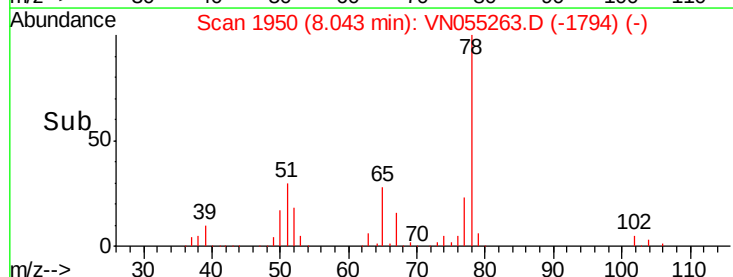
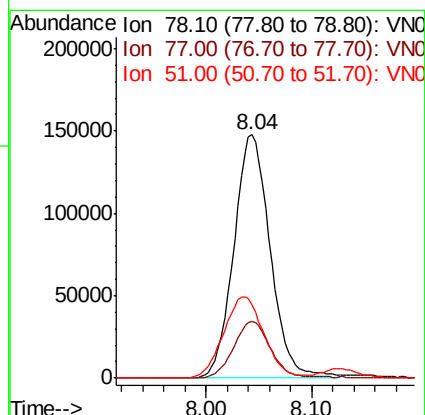
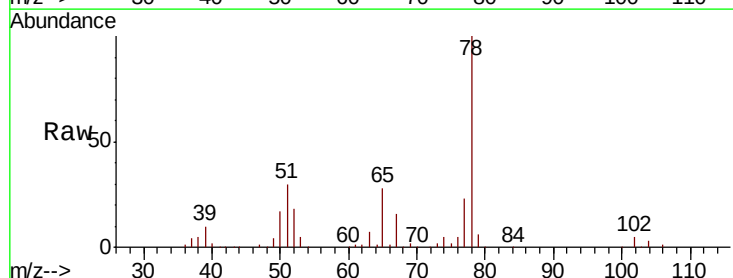
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

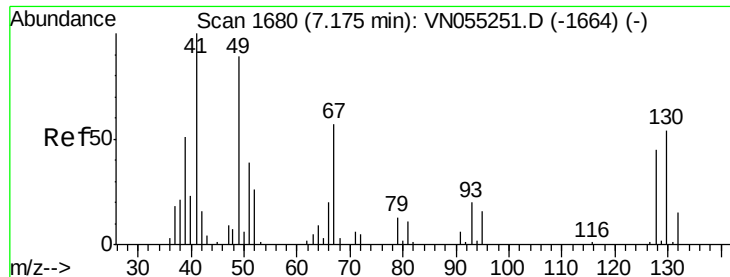
Tot Ion:117 Resp: 107618
Ion Ratio Lower Upper
117 100
119 93.2 78.7 118.1
121 29.0 25.8 38.6



#34
Benzene
Concen: 19.974 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion: 78 Resp: 354571
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 29.9 24.5 36.7

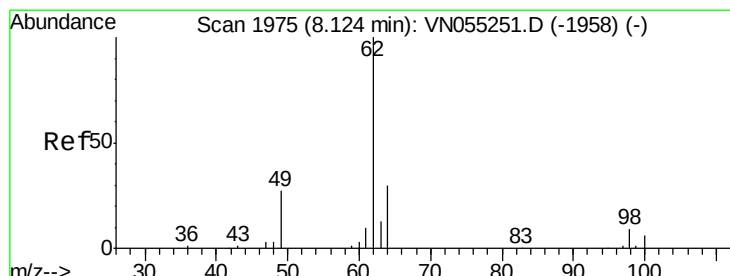
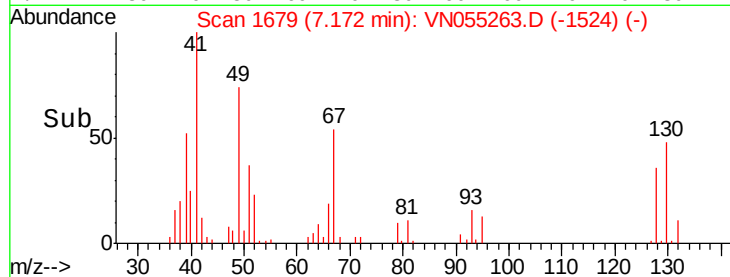
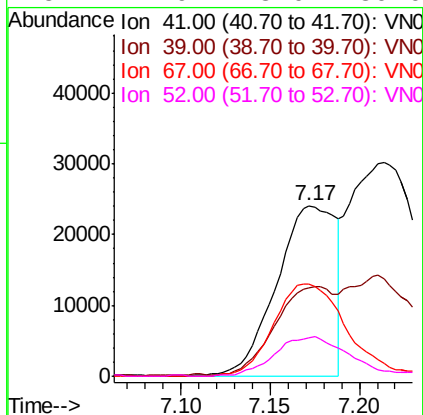
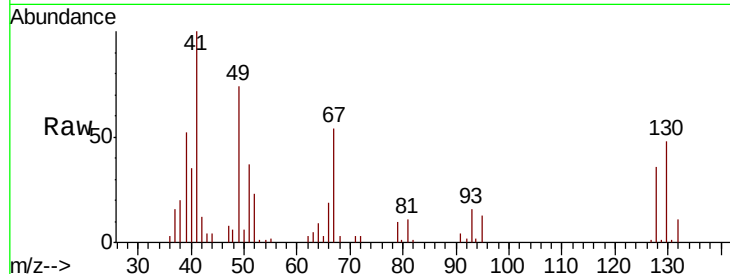




#35
Methacrylonitrile
Concen: 20.009 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

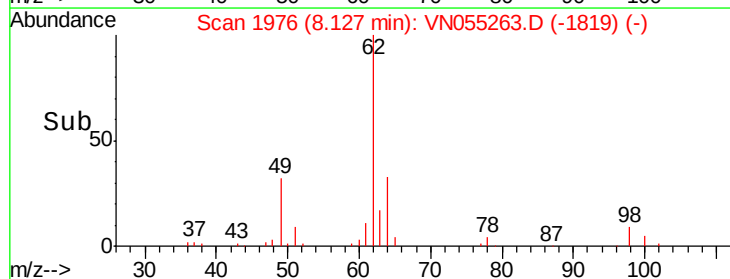
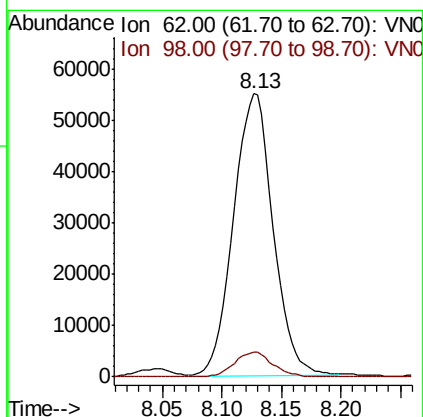
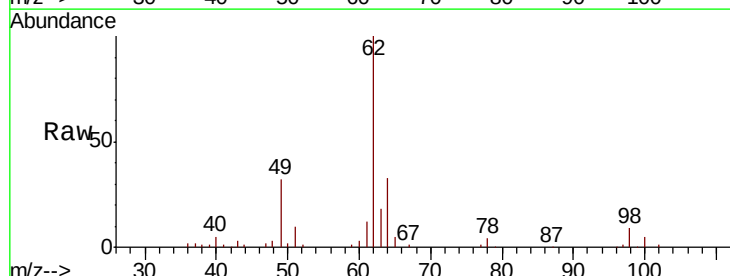
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

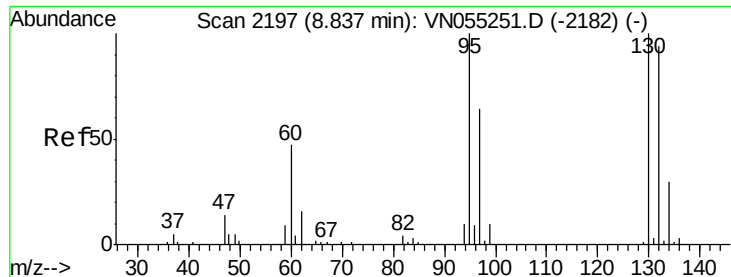
Tot Ion:	41	Resp:	55452
Ion	Ratio	Lower	Upper
41	100		
39	51.0	25.3	75.8
67	53.7	28.7	86.1
52	22.9	13.0	39.0



#36
1,2-Dichloroethane
Concen: 19.982 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion:	62	Resp:	126538
Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.8	10.2

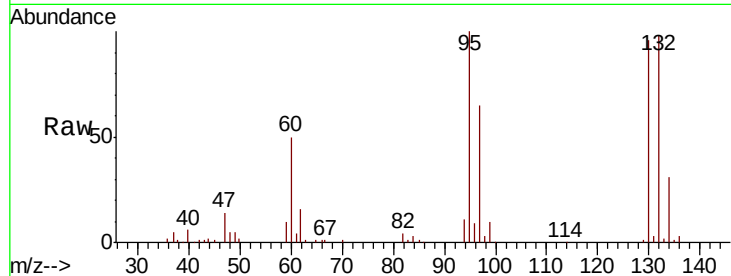




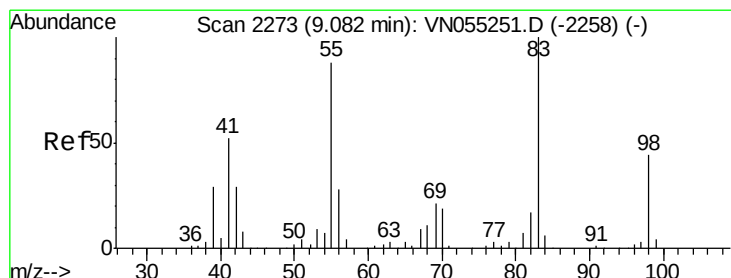
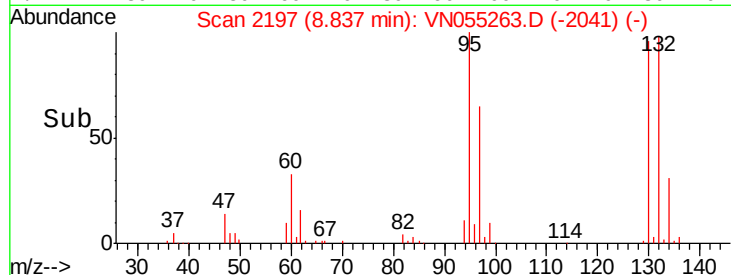
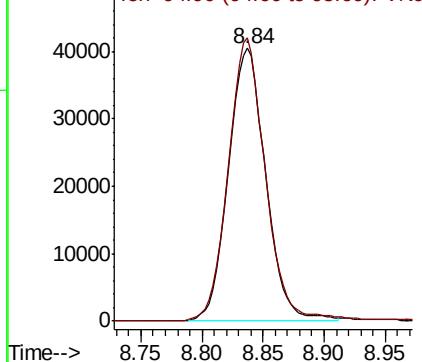
#37
 Trichloroethene
 Concen: 19.232 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 86163
 Ion Ratio Lower Upper
 130 100
 95 103.1 79.9 119.9

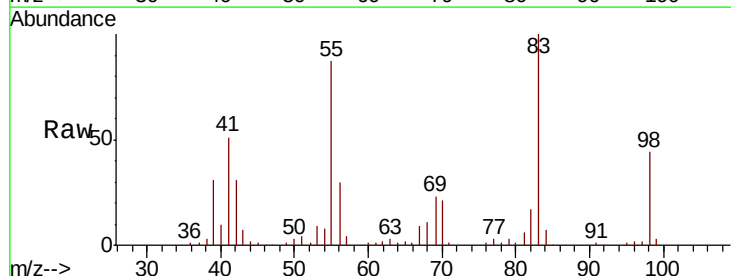


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

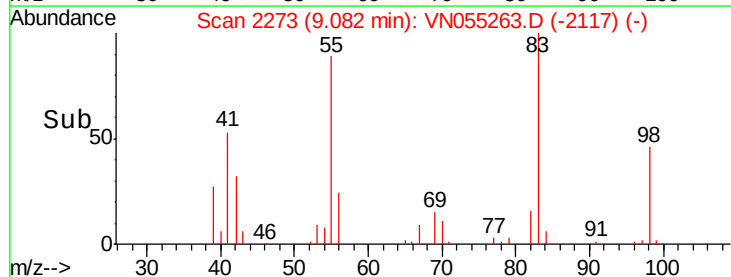
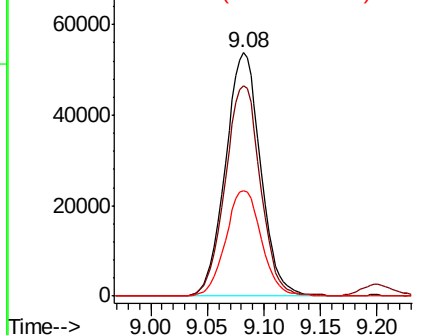


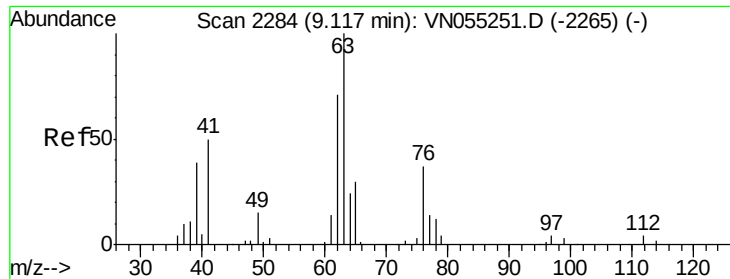
#38
 Methylcyclohexane
 Concen: 18.347 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 83 Resp: 116391
 Ion Ratio Lower Upper
 83 100
 55 86.6 43.8 131.4
 98 44.0 22.4 67.2



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

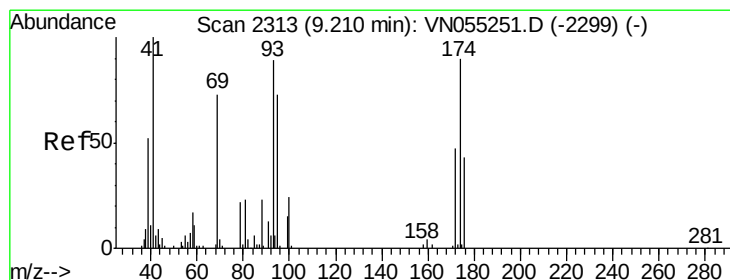
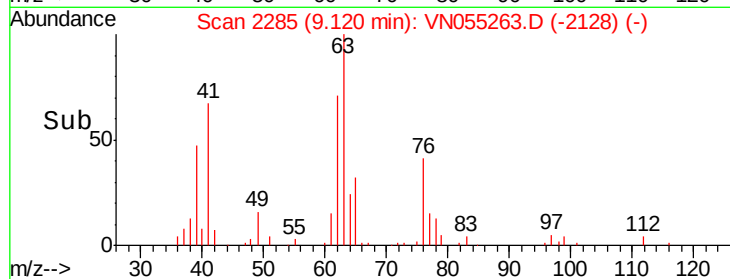
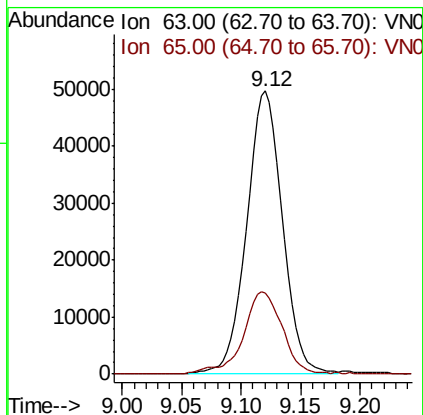
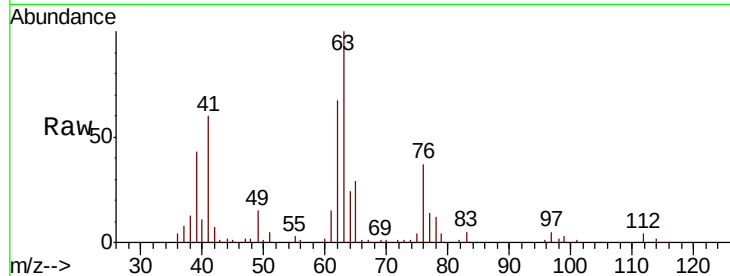




#39
 1,2-Dichloropropane
 Concen: 20.411 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

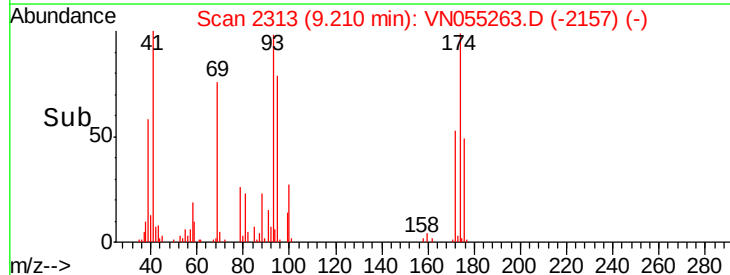
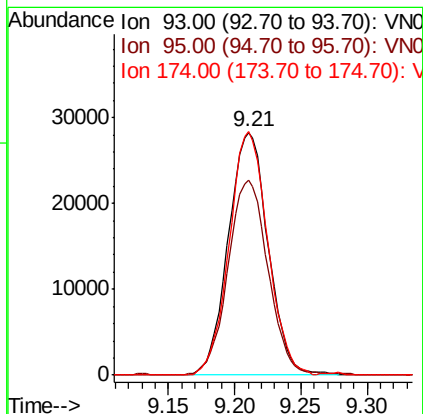
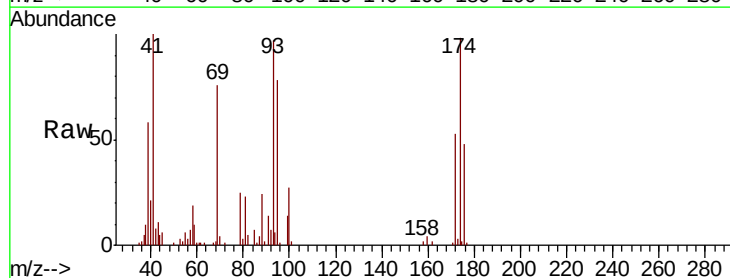
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

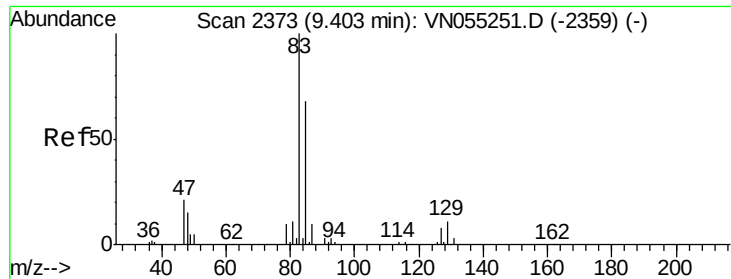
Tot Ion: 63 Resp: 103720
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.6 36.8



#40
 Dibromomethane
 Concen: 20.043 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 93 Resp: 59015
 Ion Ratio Lower Upper
 93 100
 95 81.0 0.0 164.8
 174 97.2 0.0 203.4

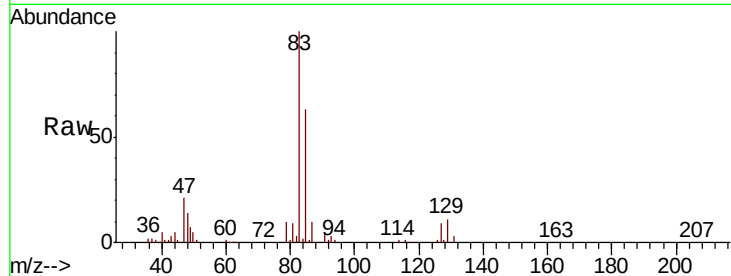




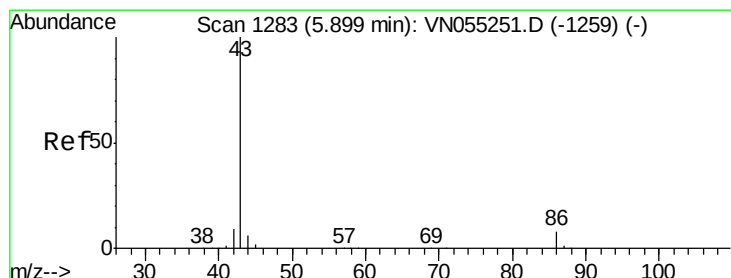
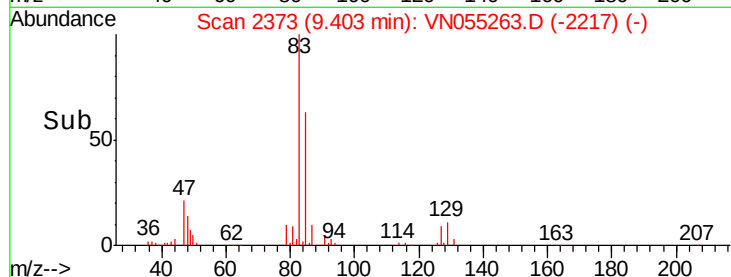
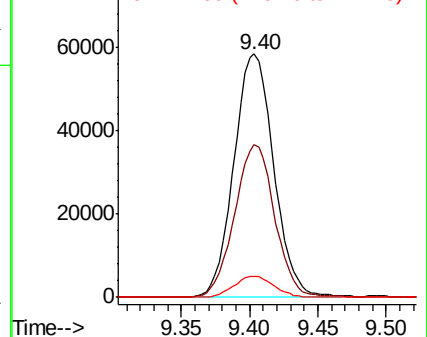
#41
 Bromodichloromethane
 Concen: 19.835 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 83 Resp: 118774
 Ion Ratio Lower Upper
 83 100
 85 62.5 54.5 81.7
 127 8.7 6.4 9.6

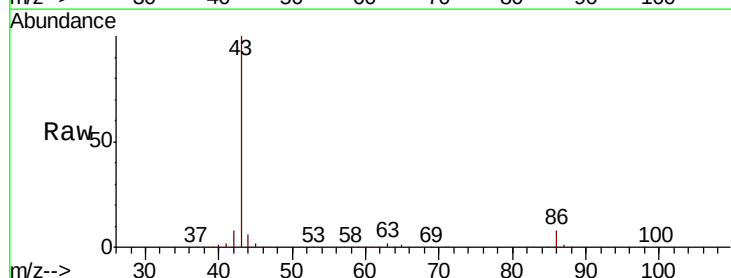


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): V

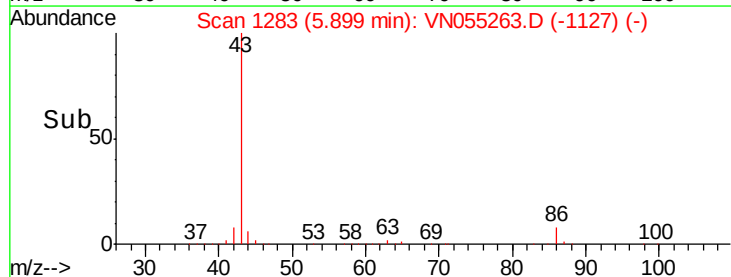
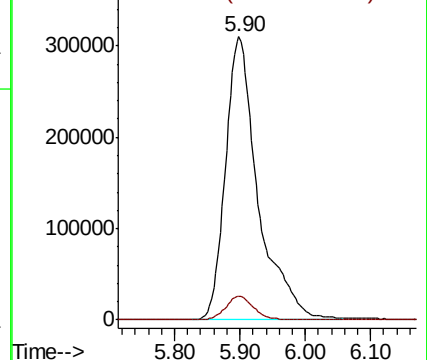


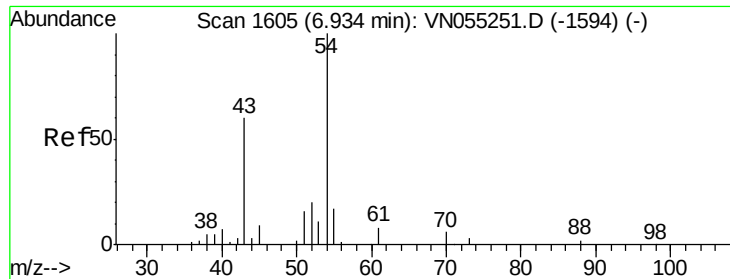
#42
 Vinyl Acetate
 Concen: 93.246 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 43 Resp: 1073000
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.7 8.5



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 18.821 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

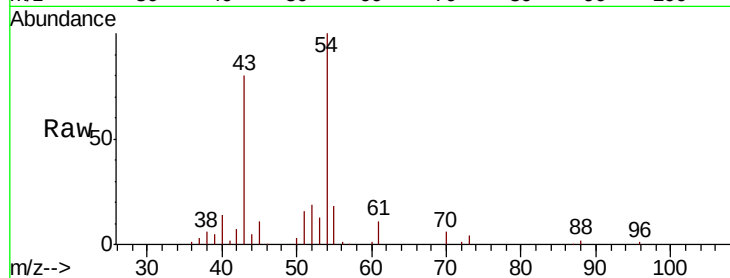
VSTDCCC020EC

Tot Ion: 43 Resp: 93728

Ion Ratio Lower Upper

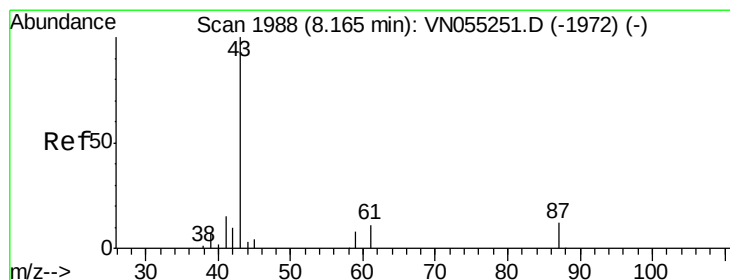
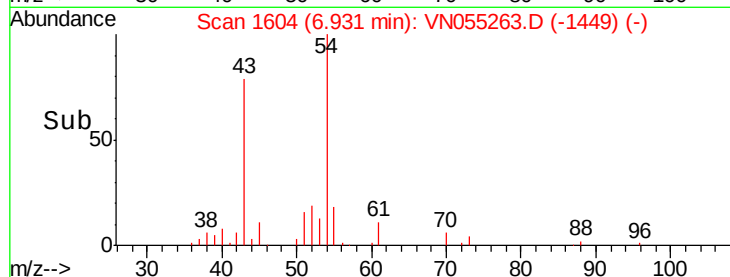
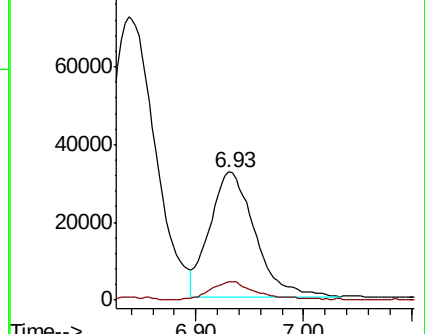
43 100

45 13.9 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 18.362 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055263.D

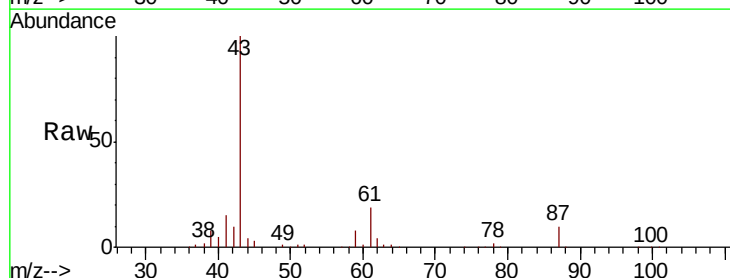
Acq: 26 Apr 2019 00:19

Tgt Ion: 43 Resp: 168267

Ion Ratio Lower Upper

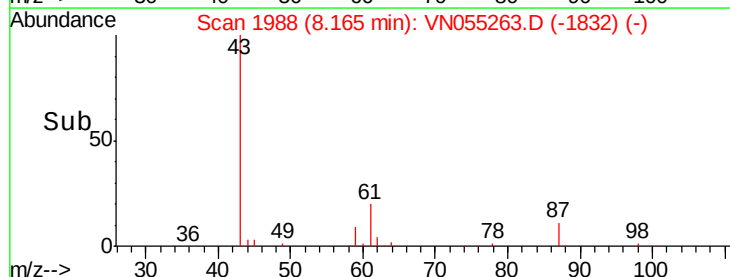
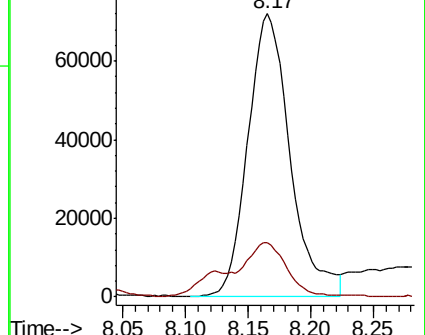
43 100

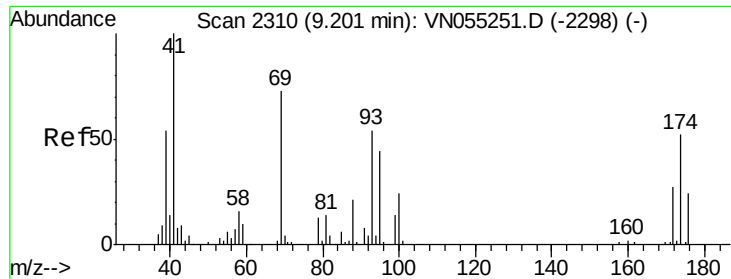
61 18.0 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



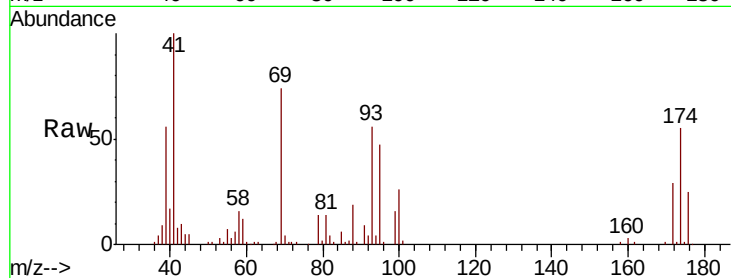


#45
 1,4-Dioxane
 Concen: 373.783 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

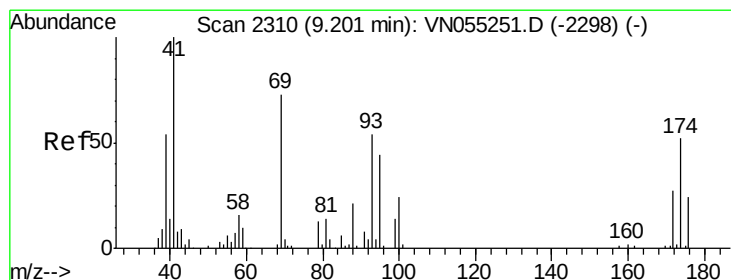
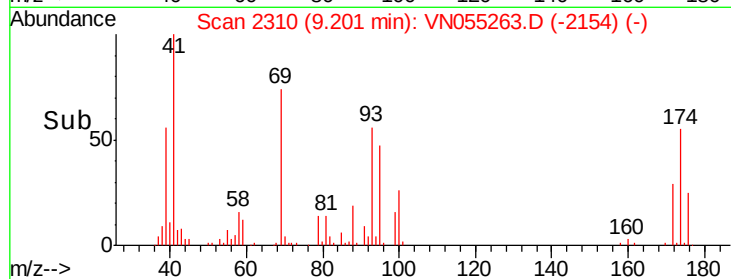
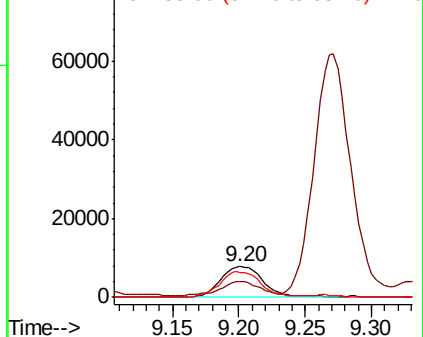
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 17752

Ion	Ratio	Lower	Upper
88	100		
43	43.5	29.4	44.0
58	78.8	62.4	93.6



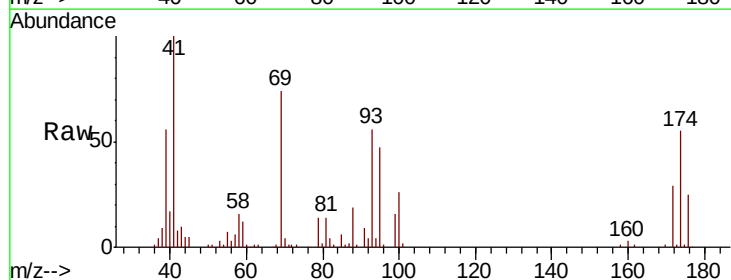
Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0



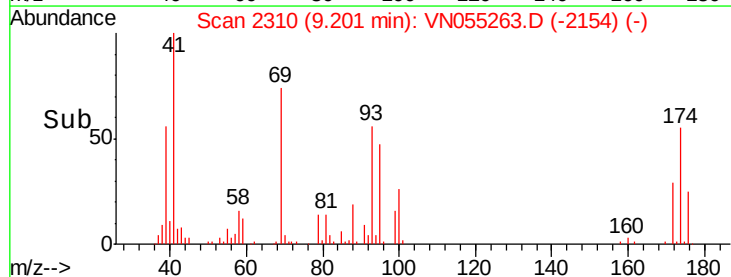
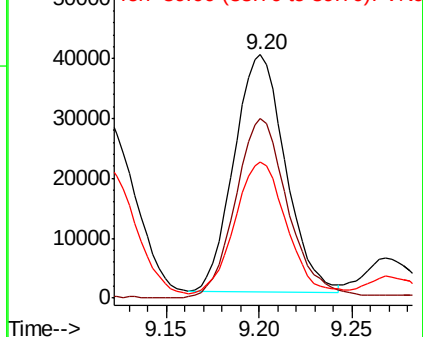
#46
 Methyl methacrylate
 Concen: 17.752 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

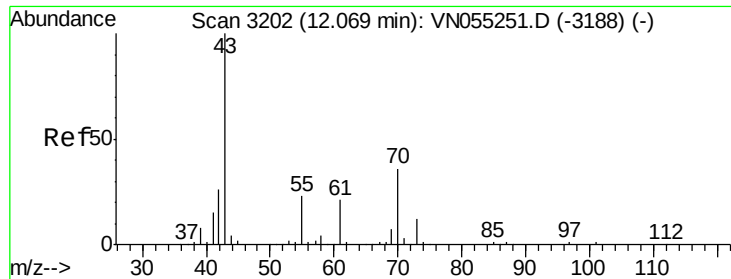
Tgt Ion: 41 Resp: 76595

Ion	Ratio	Lower	Upper
41	100		
69	75.5	36.4	109.3
39	55.6	26.9	80.7



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: 15.643 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

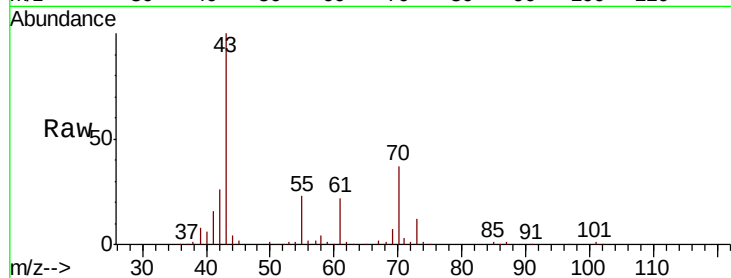
VSTDCCC020EC

Tot Ion: 43 Resp: 101978

Ion Ratio Lower Upper

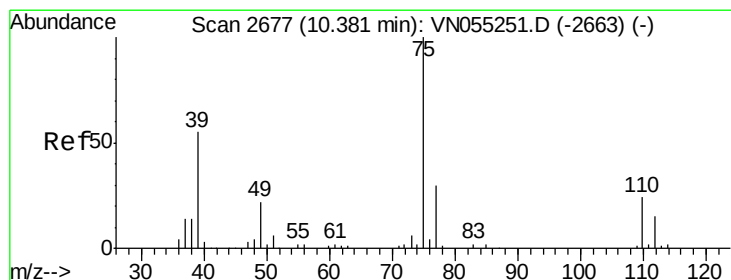
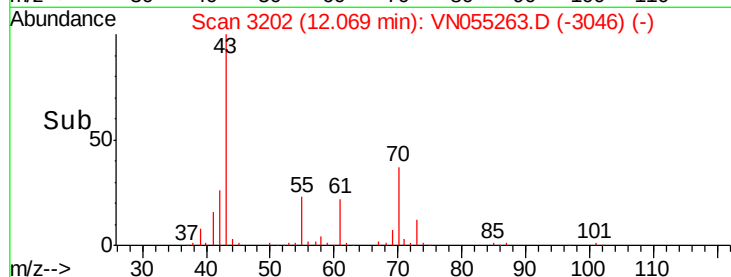
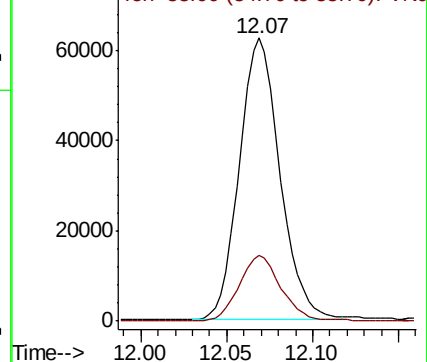
43 100

55 23.8 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 17.467 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055263.D

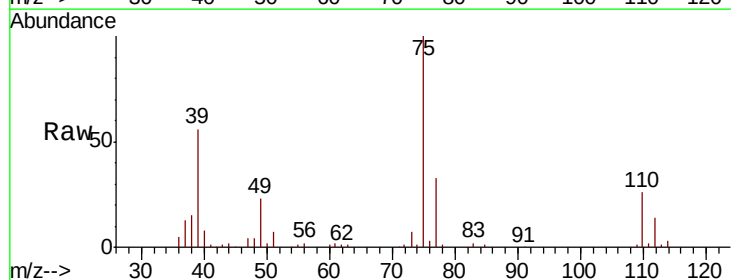
Acq: 26 Apr 2019 00:19

Tgt Ion: 75 Resp: 102920

Ion Ratio Lower Upper

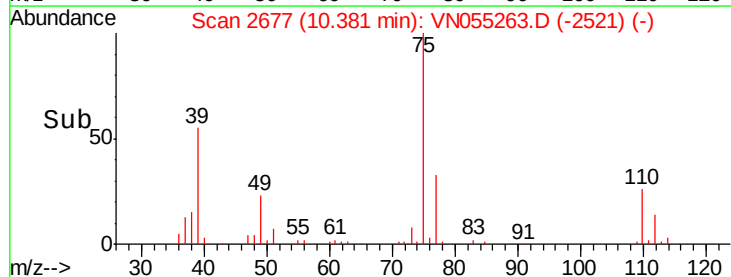
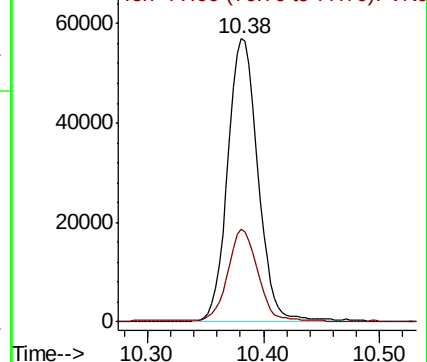
75 100

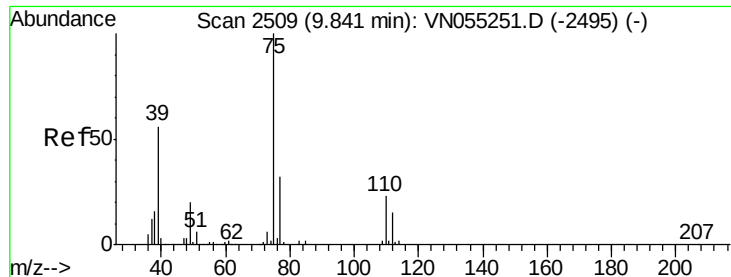
77 32.4 23.9 35.9



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#49

cis-1,3-Dichloropropene

Concen: 18.762 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

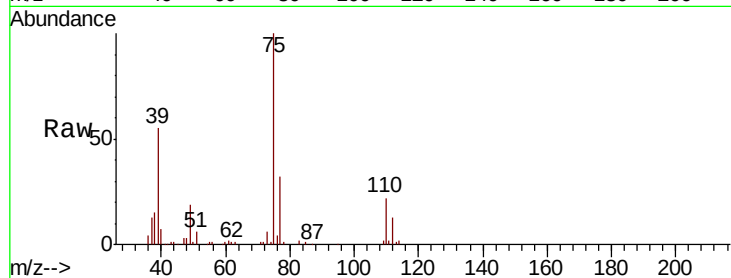
Tot Ion: 75 Resp: 128251

Ion Ratio Lower Upper

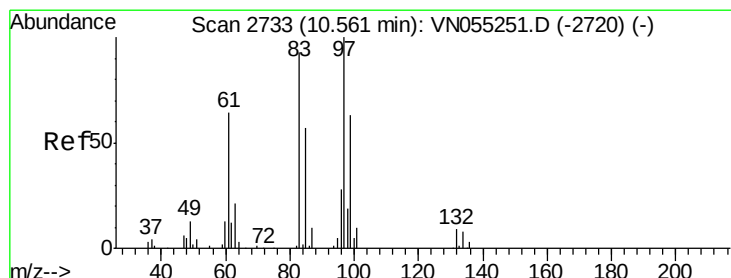
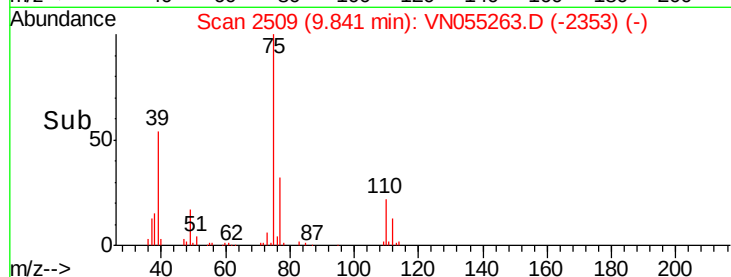
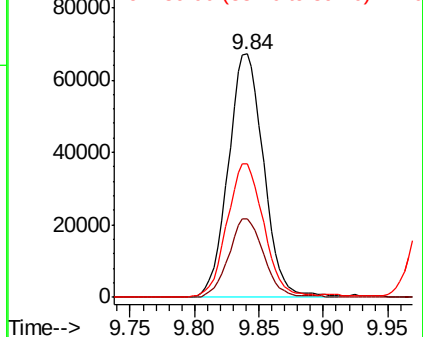
75 100

77 32.0 25.9 38.9

39 54.4 45.0 67.6



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: 19.948 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Tgt Ion: 97 Resp: 80062

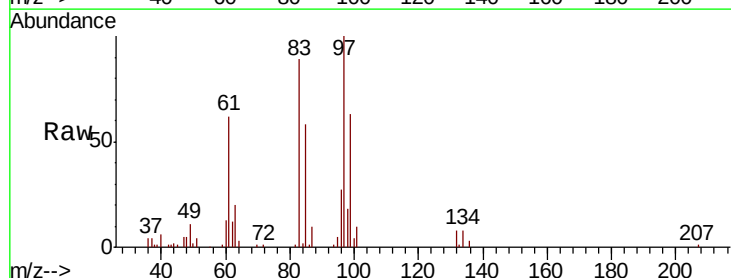
Ion Ratio Lower Upper

97 100

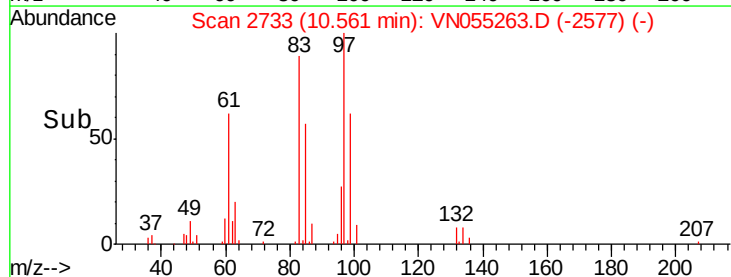
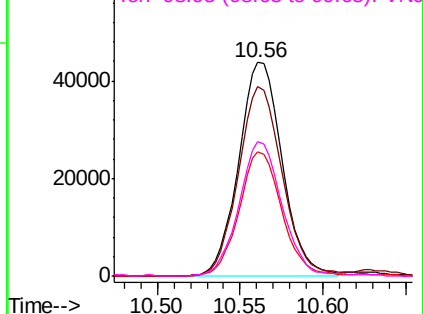
83 88.5 74.6 111.8

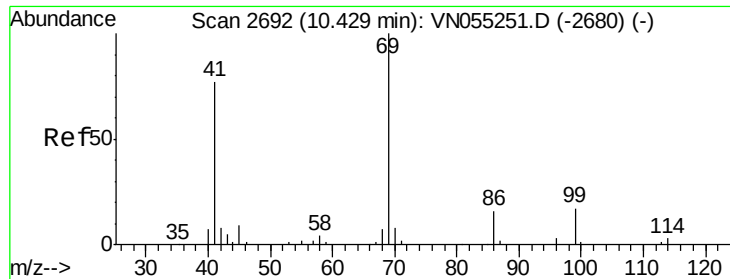
85 58.3 45.4 68.2

99 63.0 50.7 76.1



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: 17.727 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

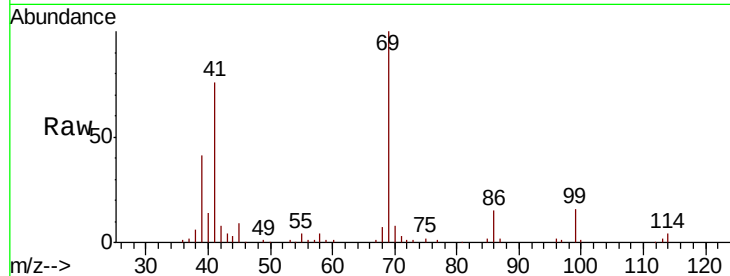
Tot Ion: 69 Resp: 96724

Ion Ratio Lower Upper

69 100

41 75.7 38.7 116.1

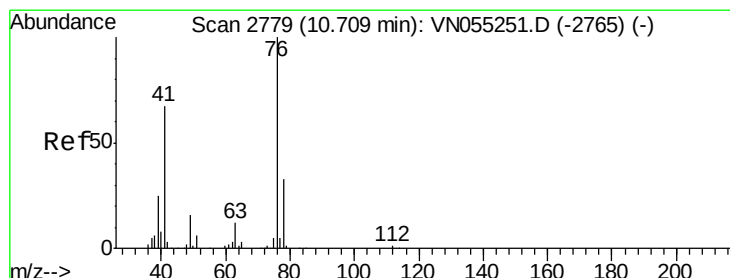
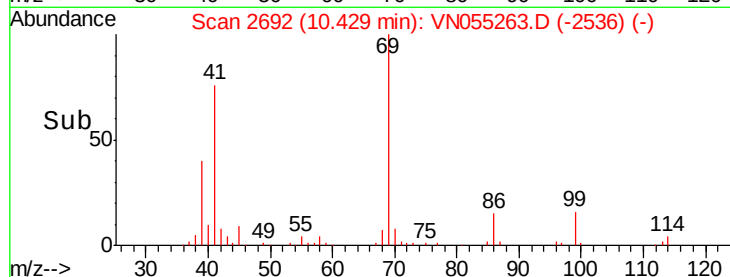
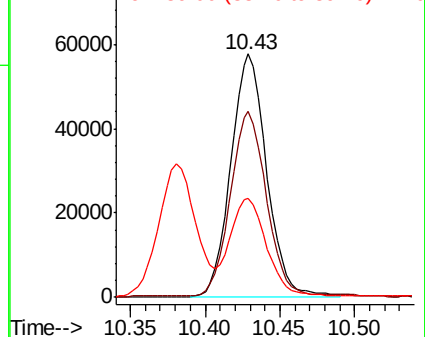
39 40.0 19.9 59.6



Abundance Ion 69.00 (68.70 to 69.70): VN055251.D (-2680) (-)

Ion 41.00 (40.70 to 41.70): VN055251.D (-2680) (-)

Ion 39.00 (38.70 to 39.70): VN055251.D (-2680) (-)



#52

1,3-Dichloropropane

Concen: 18.935 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN055263.D

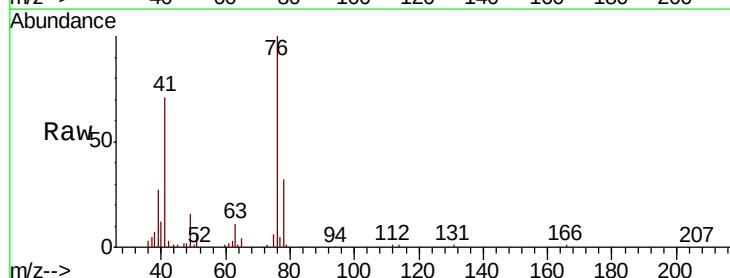
Acq: 26 Apr 2019 00:19

Tgt Ion: 76 Resp: 134555

Ion Ratio Lower Upper

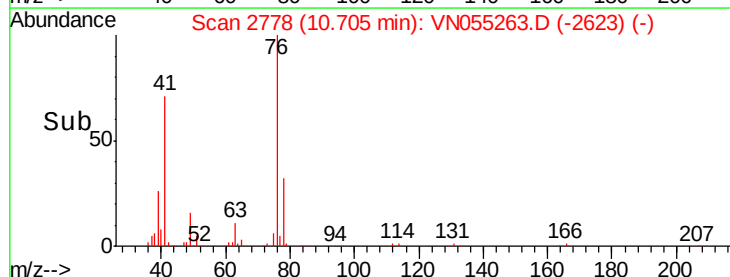
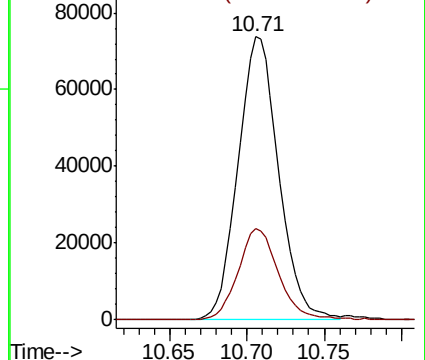
76 100

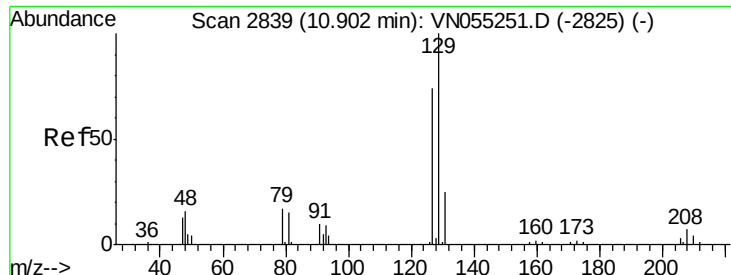
78 32.2 0.0 63.0



Abundance Ion 76.00 (75.70 to 76.70): VN055251.D (-2765) (-)

Ion 78.00 (77.70 to 78.70): VN055251.D (-2765) (-)

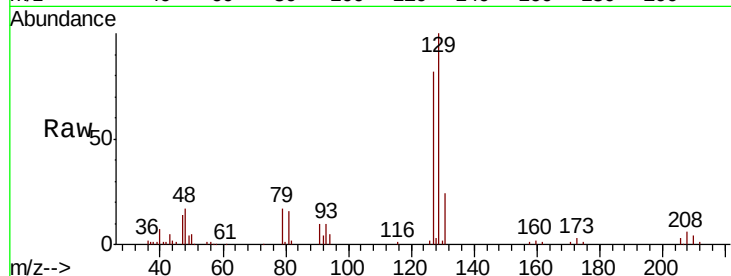




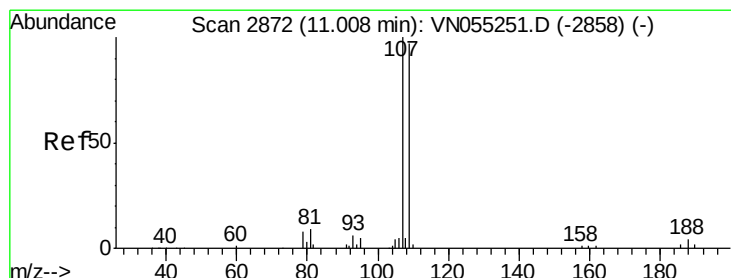
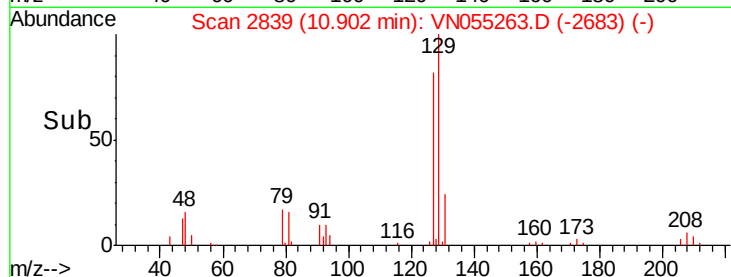
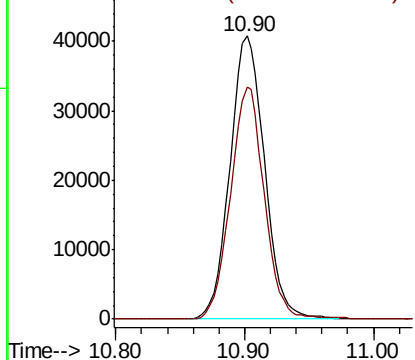
#53
 Dibromochloromethane
 Concen: 18.273 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:129 Resp: 75844
 Ion Ratio Lower Upper
 129 100
 127 79.8 38.8 116.3

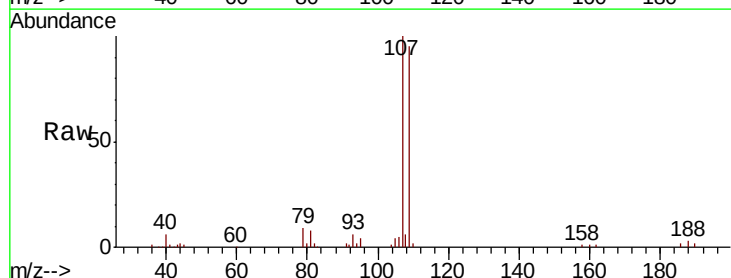


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

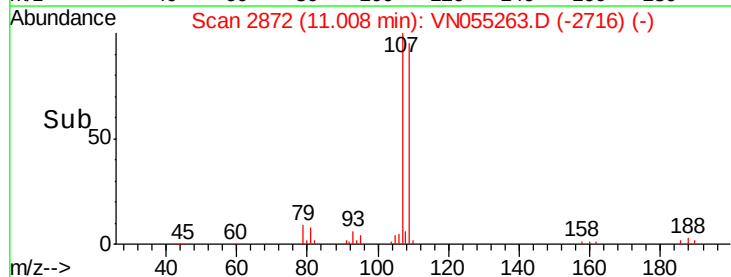
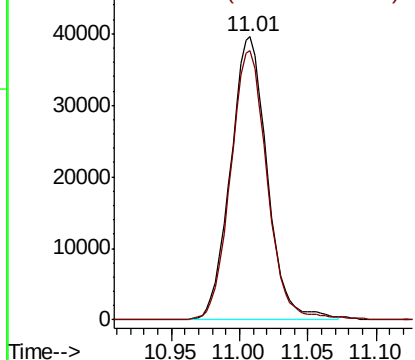


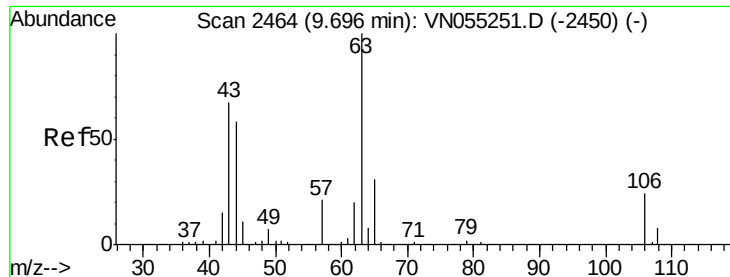
#54
 1,2-Dibromoethane
 Concen: 19.021 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion:107 Resp: 74067
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.2 112.8



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: 85.547 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

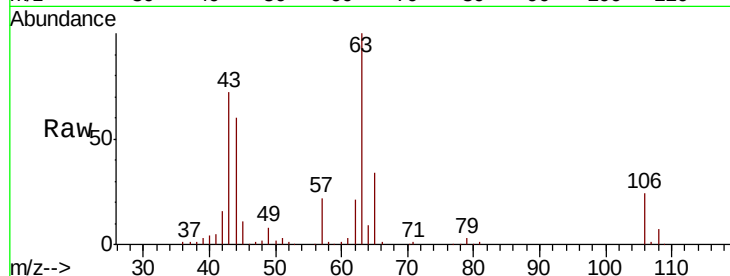
Tot Ion: 63 Resp: 140691

Ion Ratio Lower Upper

63 100

65 31.6 25.1 37.7

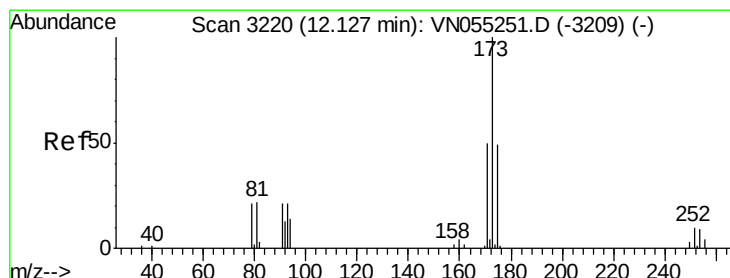
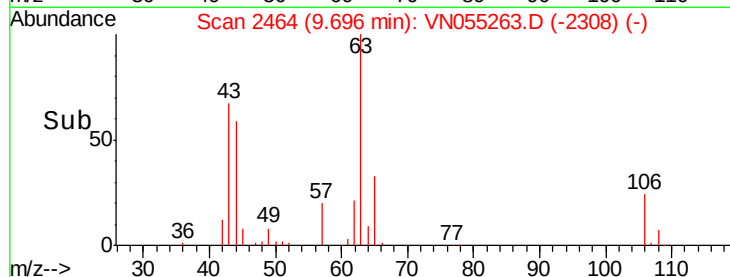
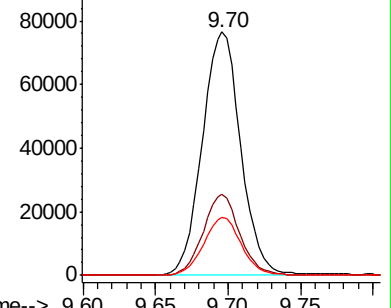
106 23.4 19.4 29.0



Abundance Ion 63.00 (62.70 to 63.70): VN055251.D (-2450) (-)

Ion 65.00 (64.70 to 65.70): VN055251.D (-2450) (-)

Ion 106.00 (105.70 to 106.70): VN055251.D (-2450) (-)



#56

Bromoform

Concen: 17.637 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

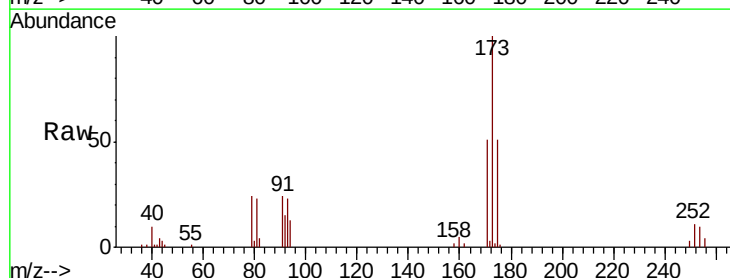
Tgt Ion: 173 Resp: 47978

Ion Ratio Lower Upper

173 100

175 49.0 37.7 56.5

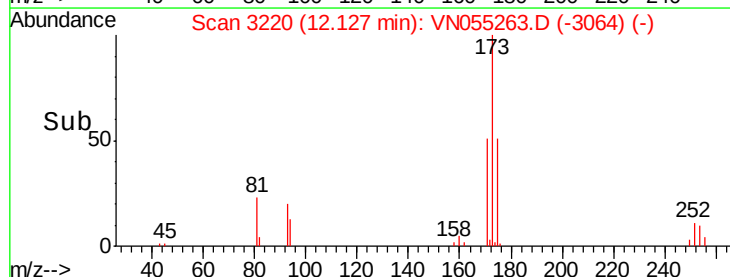
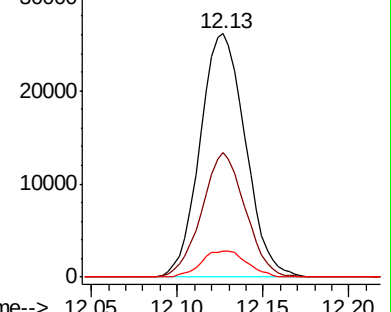
254 10.8 7.8 11.6

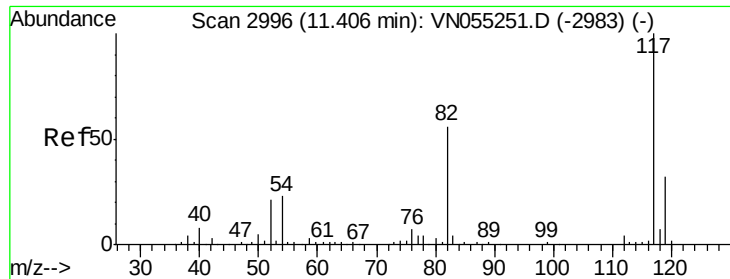


Abundance Ion 173.00 (172.70 to 173.70): VN055251.D (-3209) (-)

Ion 175.00 (174.70 to 175.70): VN055251.D (-3209) (-)

Ion 254.00 (253.70 to 254.70): VN055251.D (-3209) (-)

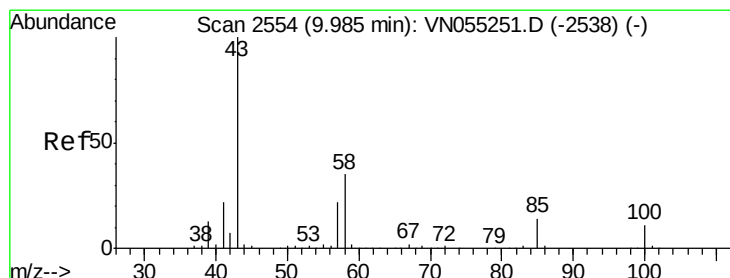
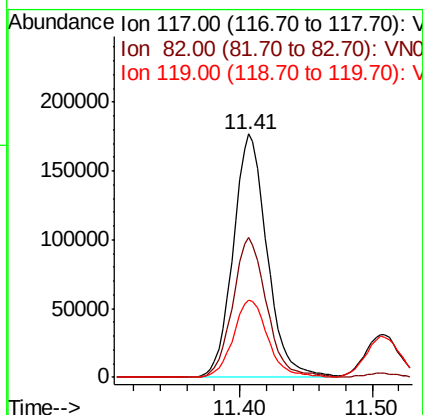
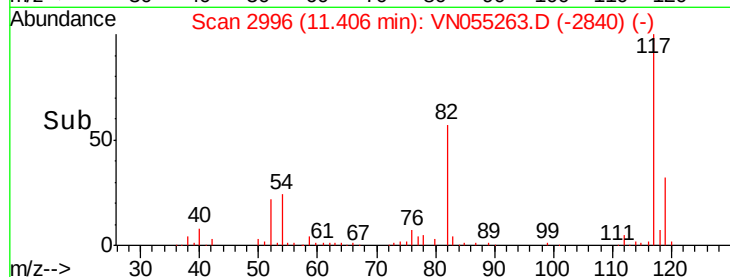
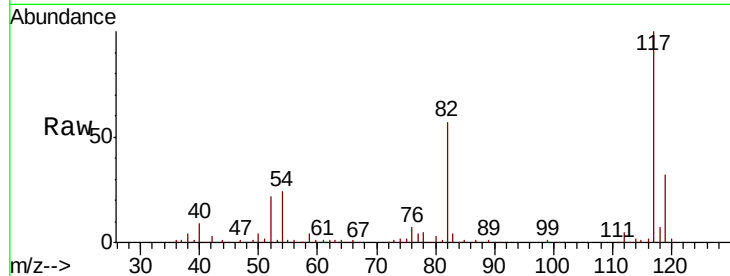




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

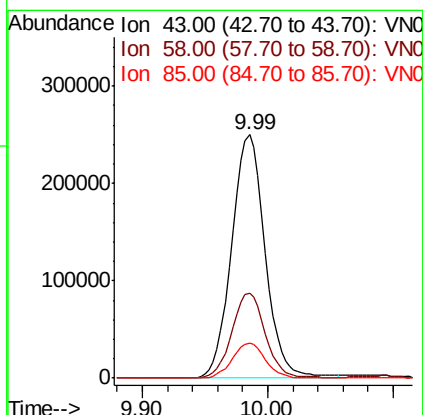
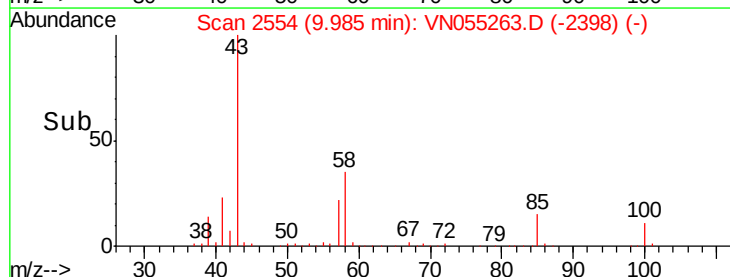
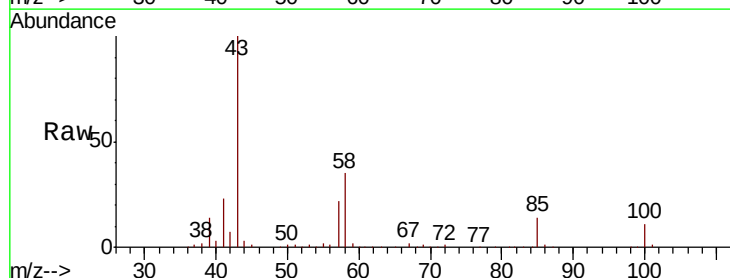
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

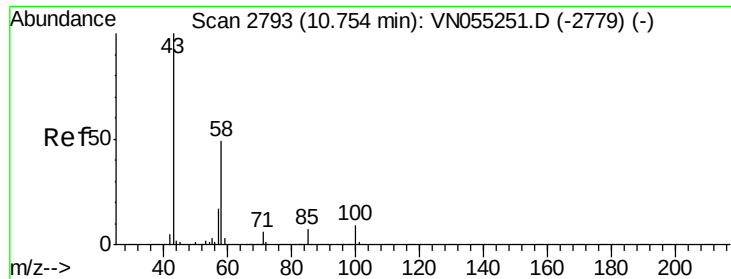
Tot Ion:117 Resp: 313982
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 32.3 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 94.339 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion: 43 Resp: 462433
Ion Ratio Lower Upper
43 100
58 34.8 28.6 43.0
85 14.4 11.4 17.2

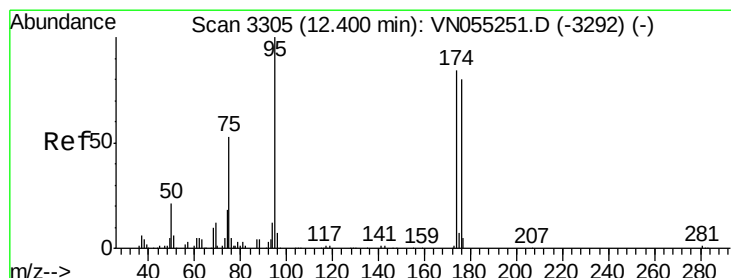
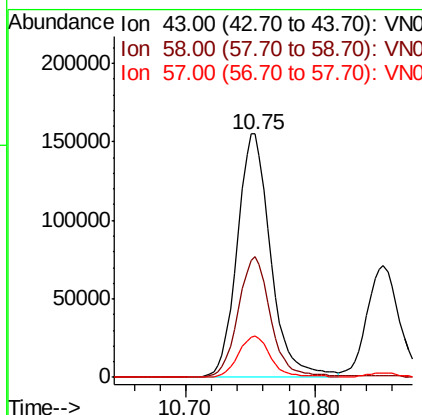
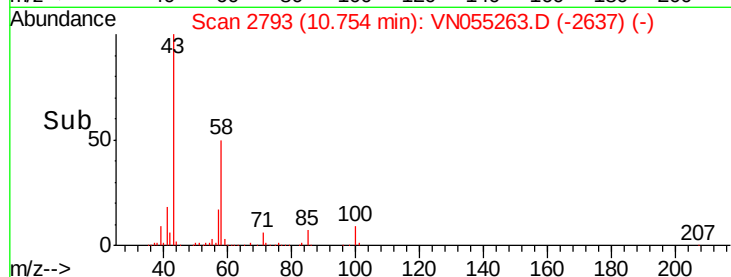
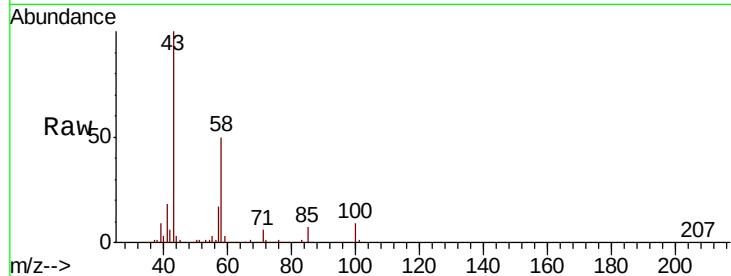




#59
2-Hexanone
Concen: 88.816 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

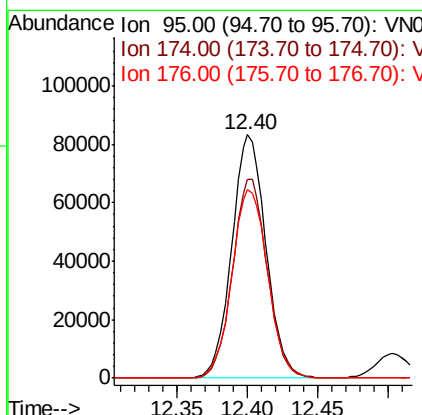
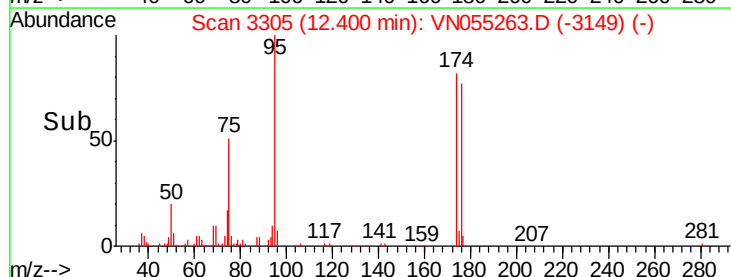
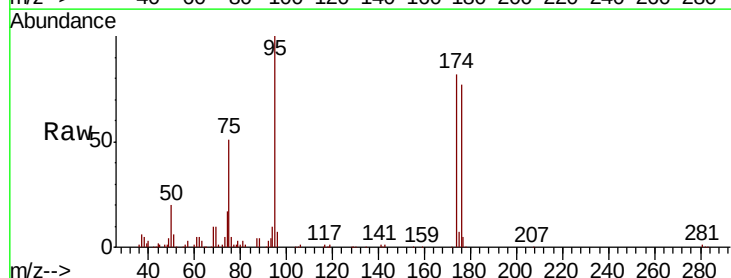
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

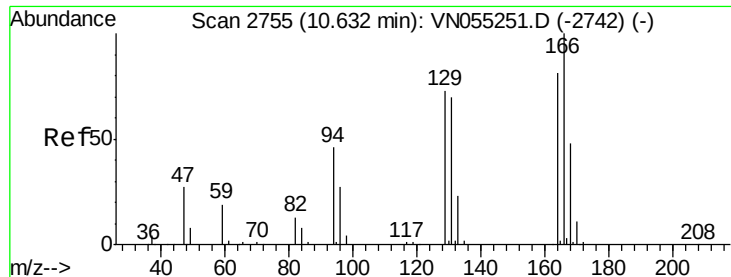
Tot Ion: 43 Resp: 278703
Ion Ratio Lower Upper
43 100
58 48.8 39.0 58.6
57 16.5 13.4 20.2



#60
4-Bromofluorobenzene
Concen: 88.816 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion: 95 Resp: 141290
Ion Ratio Lower Upper
95 100
174 82.5 68.1 102.1
176 81.0 65.8 98.6





#61

Tetrachloroethene

Concen: 21.177 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 86280

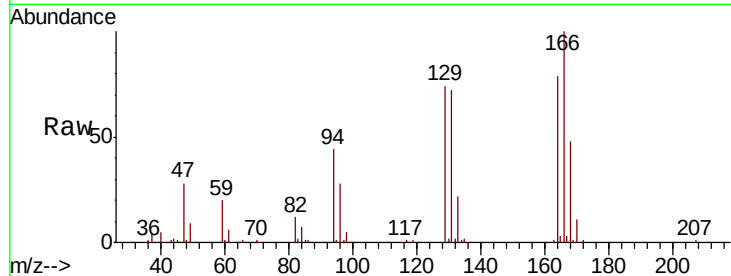
Ion Ratio Lower Upper

164 100

166 126.5 98.6 147.8

129 93.3 72.4 108.6

131 91.1 69.2 103.8

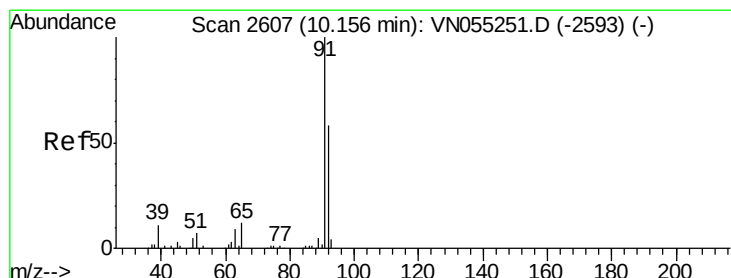
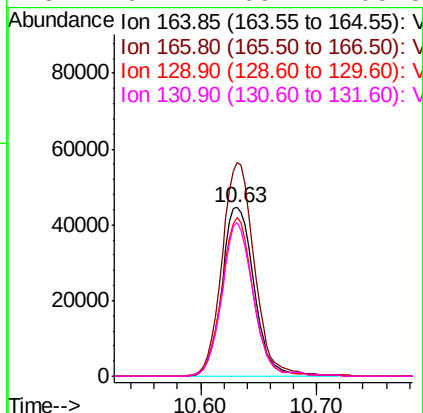
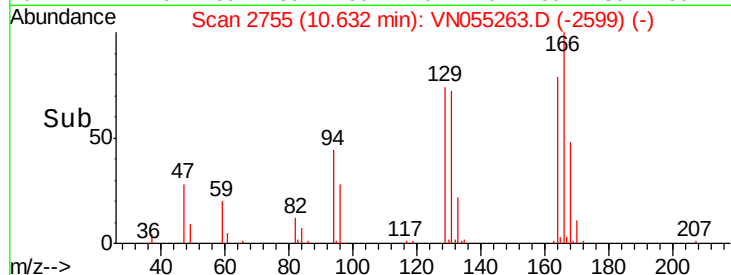


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.392 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055263.D

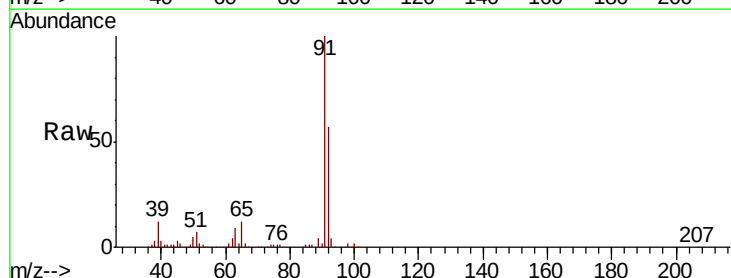
Acq: 26 Apr 2019 00:19

Tgt Ion: 91 Resp: 362256

Ion Ratio Lower Upper

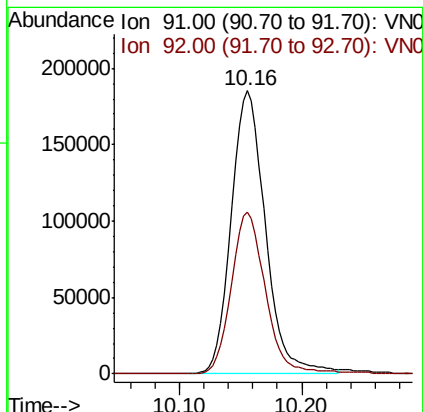
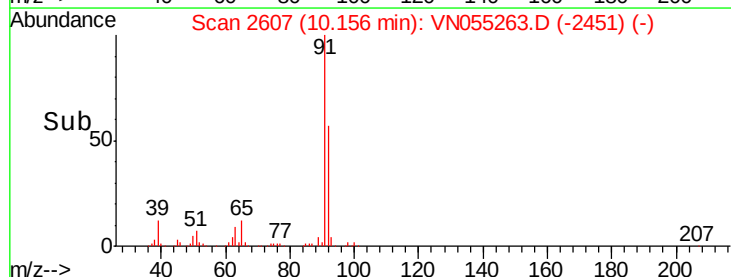
91 100

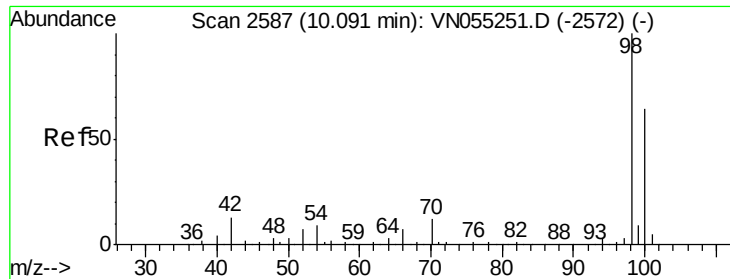
92 56.9 44.3 66.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 20.392 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

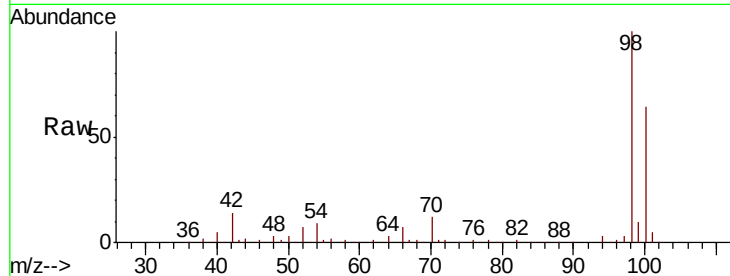
VSTDCCC020EC

Tot Ion: 98 Resp: 460584

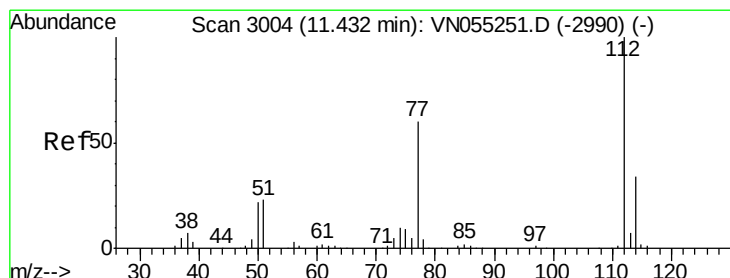
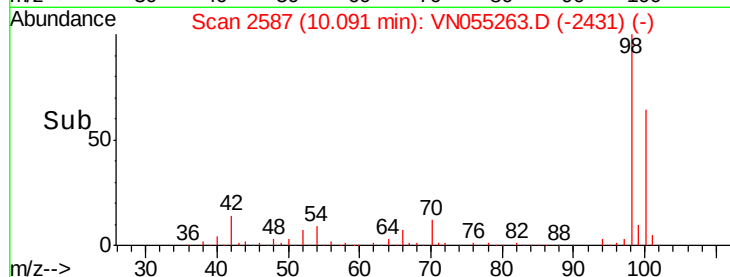
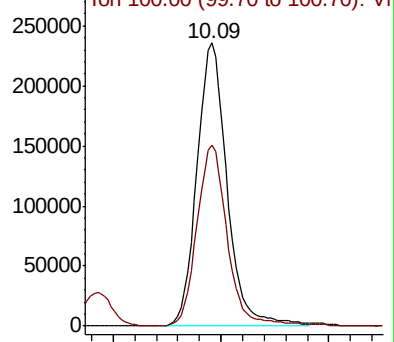
Ion Ratio Lower Upper

98 100

100 63.3 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VN055251.D (-2572) (-)



#64

Chlorobenzene

Concen: 20.270 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055263.D

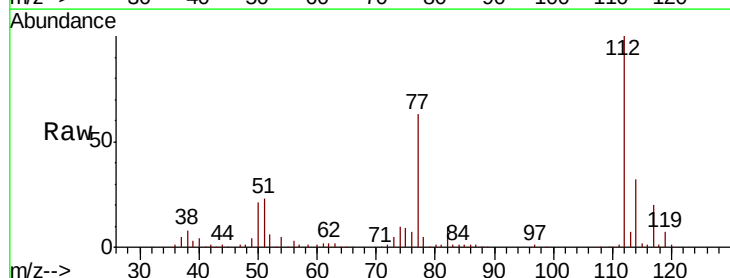
Acq: 26 Apr 2019 00:19

Tgt Ion: 112 Resp: 213332

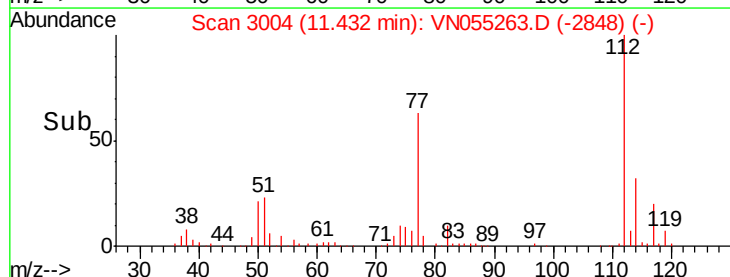
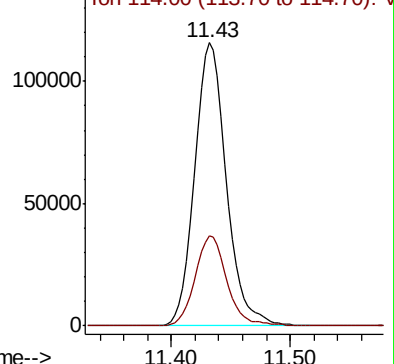
Ion Ratio Lower Upper

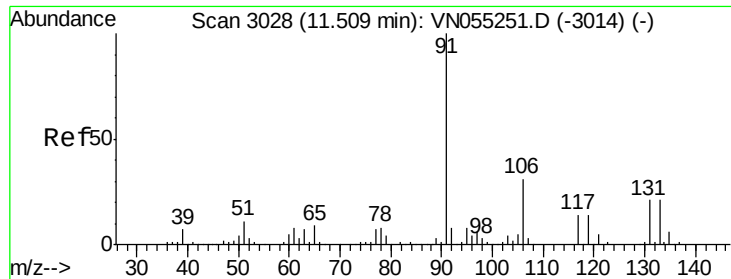
112 100

114 31.7 26.9 40.3



Abundance Ion 112.00 (111.70 to 112.70): VN055251.D (-2990) (-)

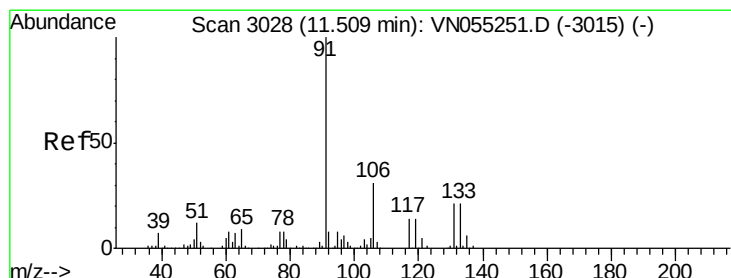
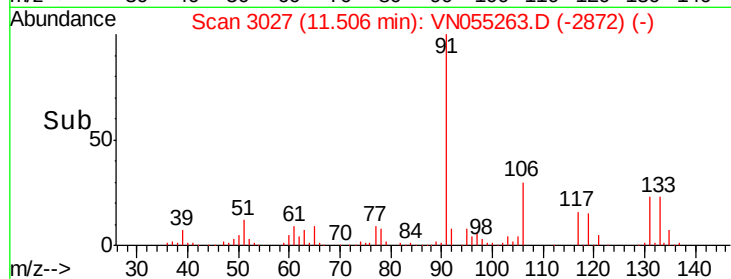
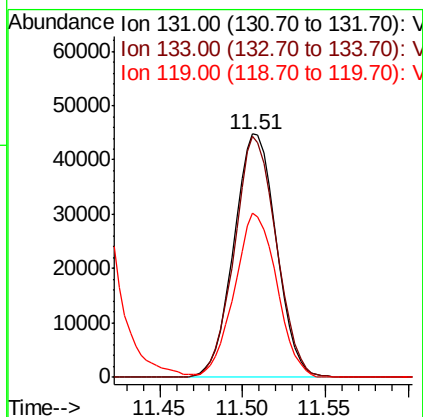
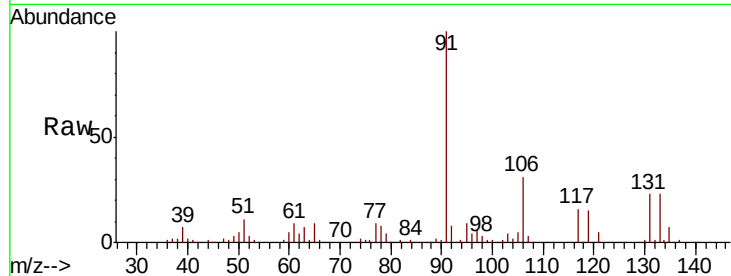




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.381 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

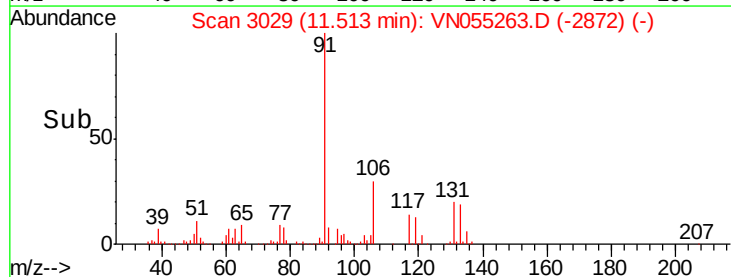
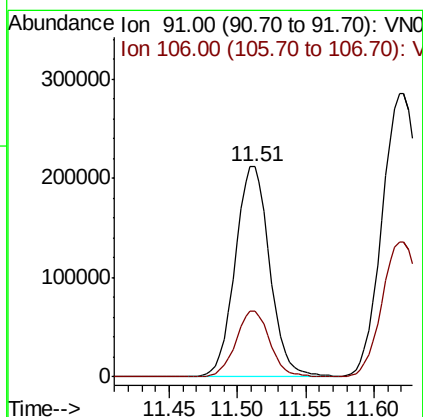
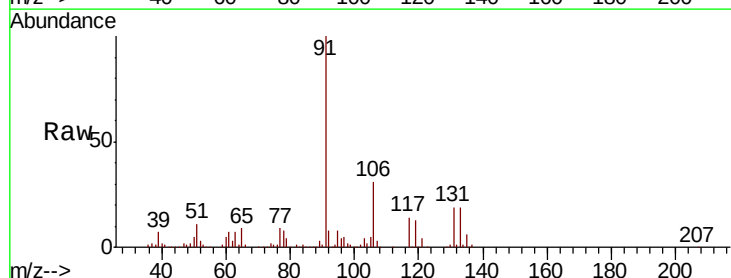
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

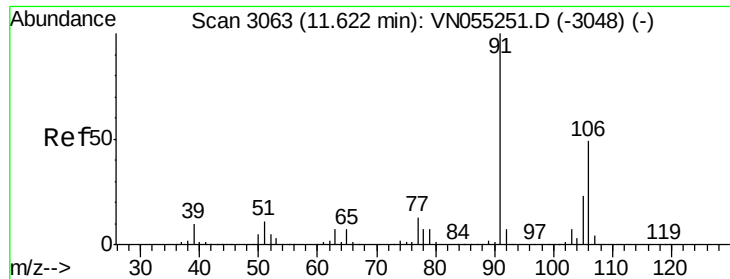
Tot Ion:131 Resp: 80015
 Ion Ratio Lower Upper
 131 100
 133 97.7 0.0 195.6
 119 67.1 0.0 135.0



#66
 Ethyl Benzene
 Concen: 19.800 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 91 Resp: 373855
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.5 36.7

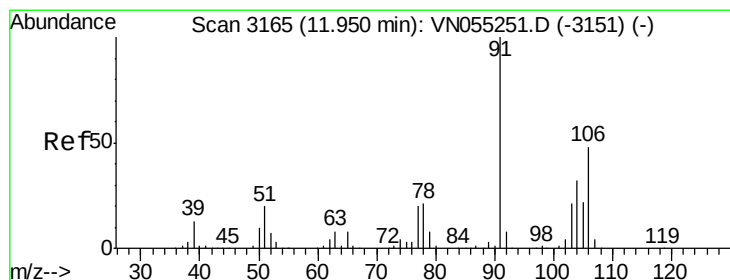
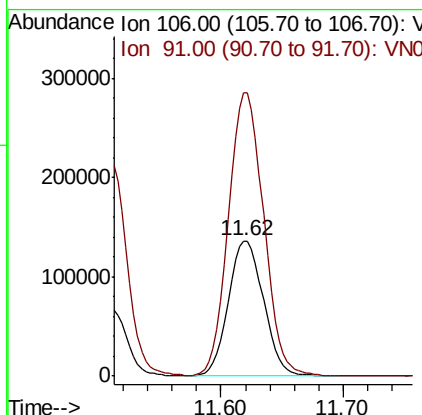
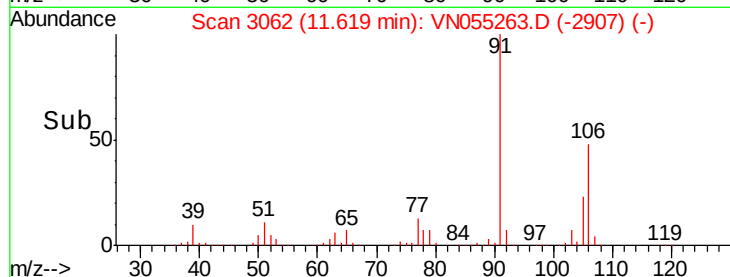
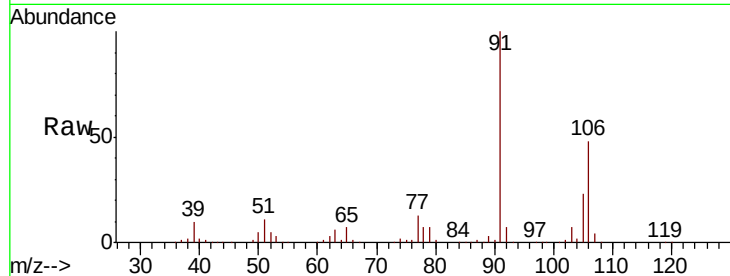




#67
m/p-Xylenes
Concen: 39.599 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

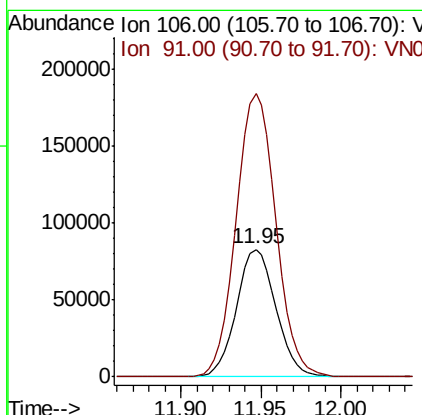
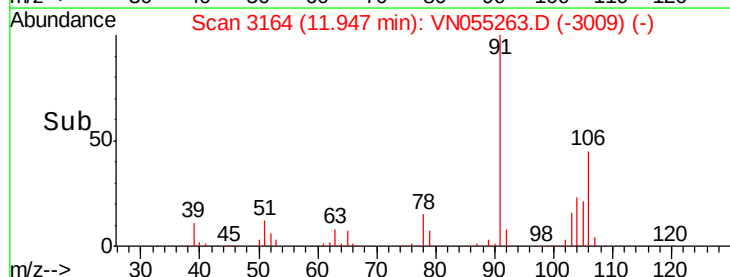
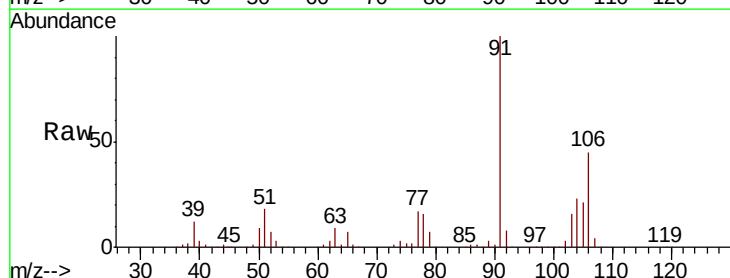
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

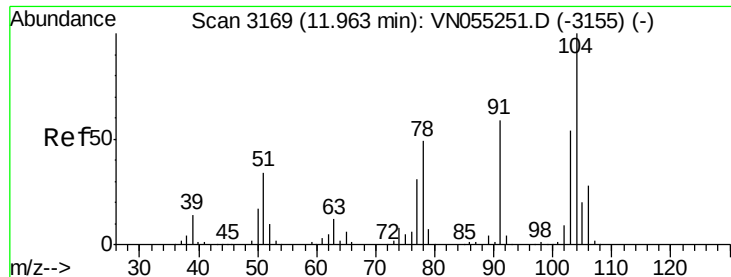
Tot Ion:106 Resp: 273798
Ion Ratio Lower Upper
106 100
91 209.8 165.4 248.2



#68
o-Xylene
Concen: 20.145 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion:106 Resp: 139015
Ion Ratio Lower Upper
106 100
91 224.3 106.8 320.4

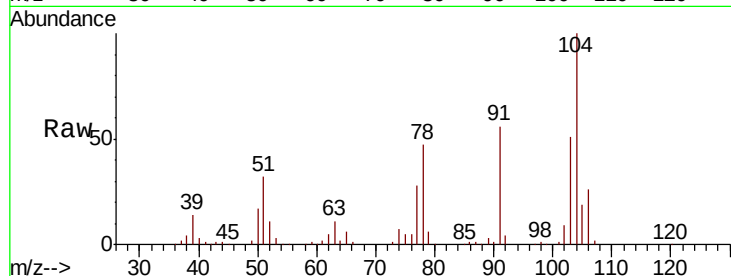




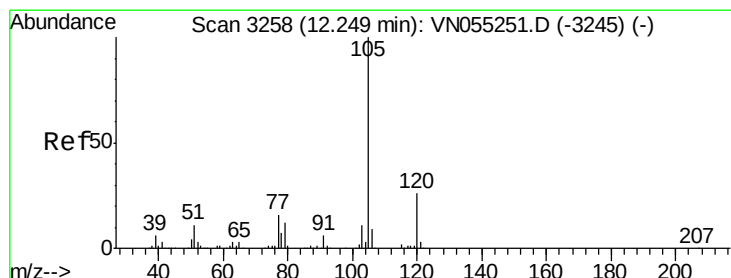
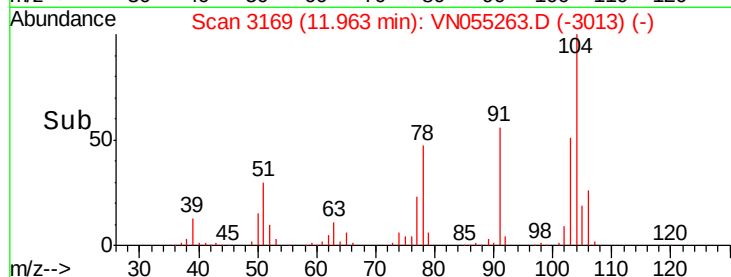
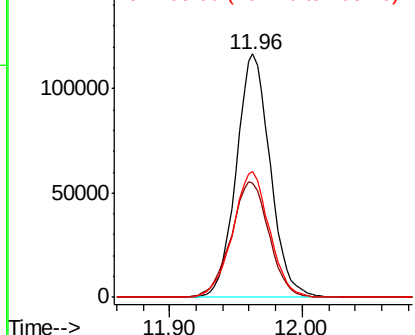
#69
Stvrene
Concen: 19.386 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:104 Resp: 207240
Ion Ratio Lower Upper
104 100
78 53.2 42.4 63.6
103 55.8 45.3 67.9

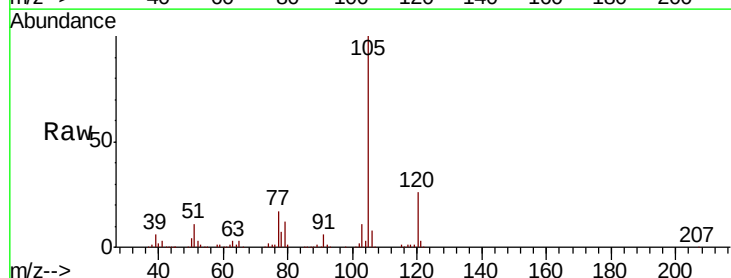


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

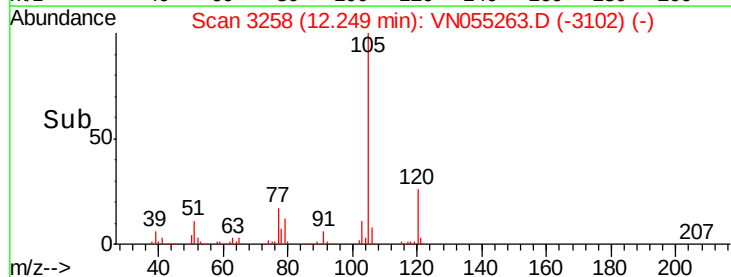
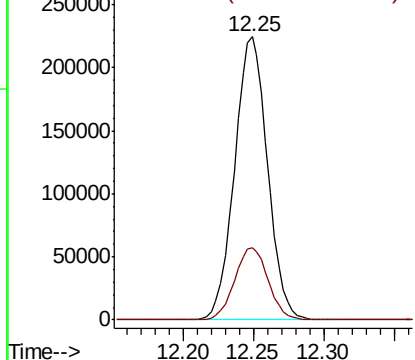


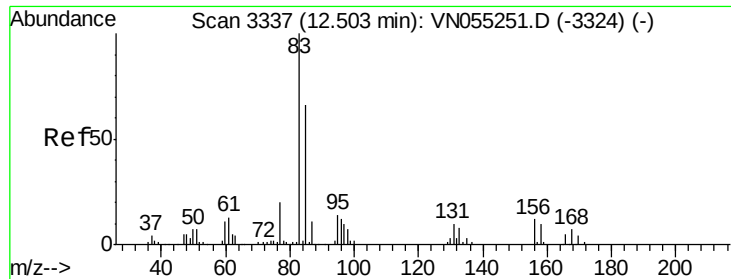
#70
Isopropylbenzene
Concen: 20.155 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion:105 Resp: 366110
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.7



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

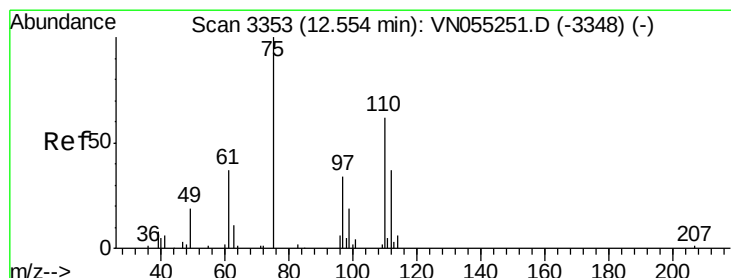
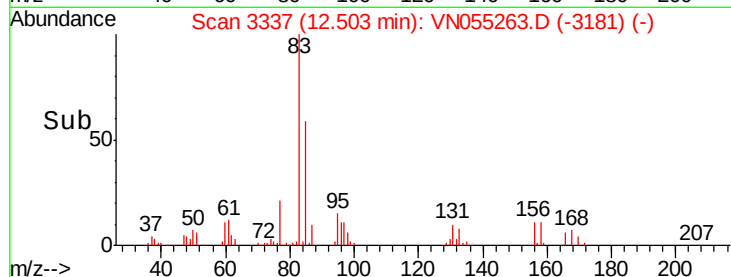
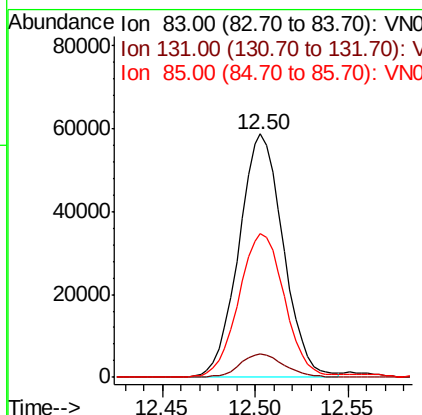
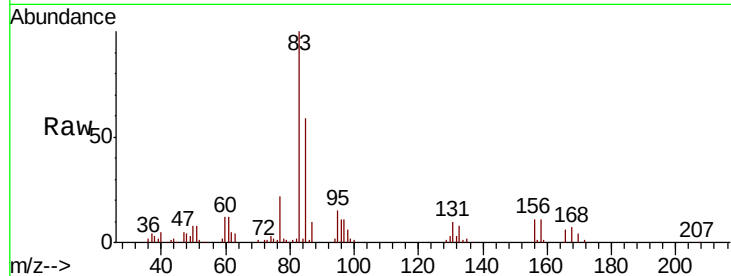




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.562 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

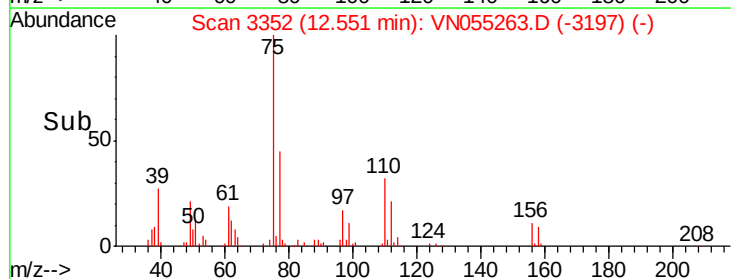
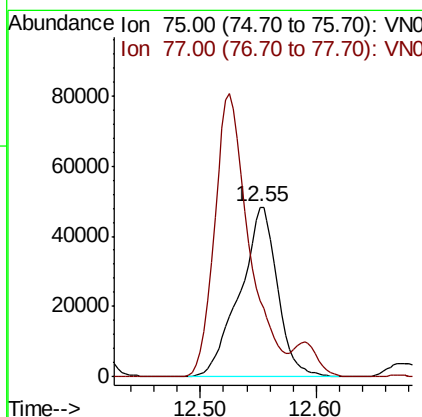
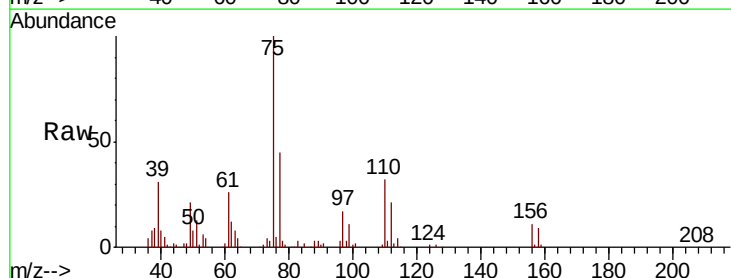
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

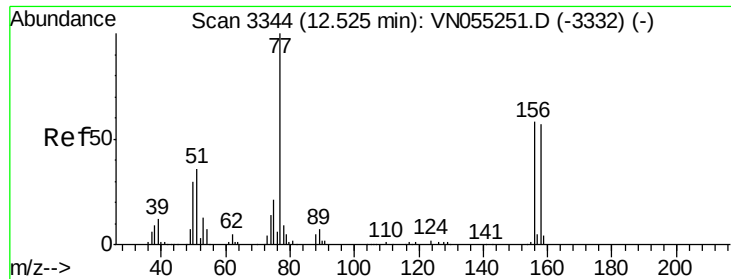
Tot Ion	83	Resp	97937
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	60.9	32.3	96.8



#72
 1,2,3-Trichloropropane
 Concen: 25.252 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion	75	Resp	109594
Ion Ratio	Lower	Upper	
75	100		
77	152.0	0.0	410.2





#73

Bromobenzene

Concen: 19.144 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

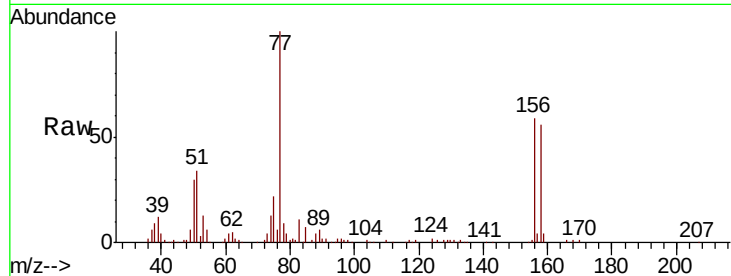
Tot Ion:156 Resp: 82664

Ion Ratio Lower Upper

156 100

77 201.5 0.0 403.2

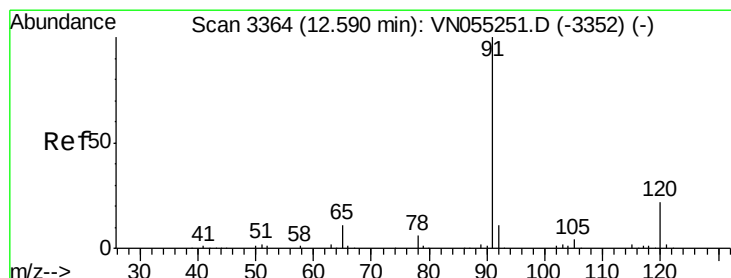
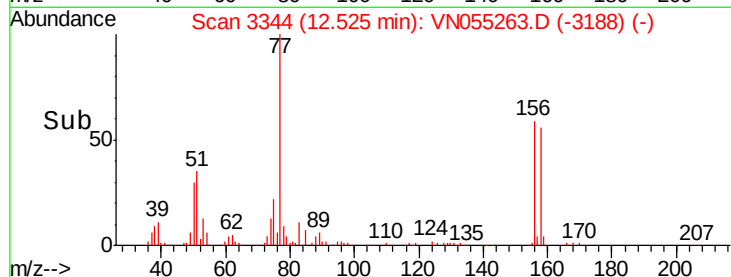
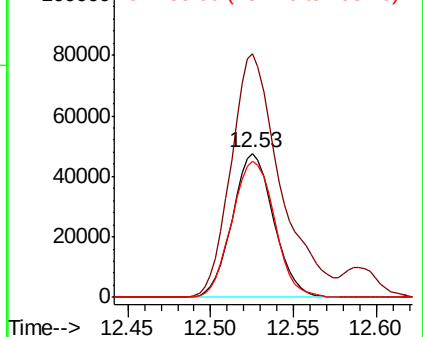
158 98.0 0.0 195.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.971 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055263.D

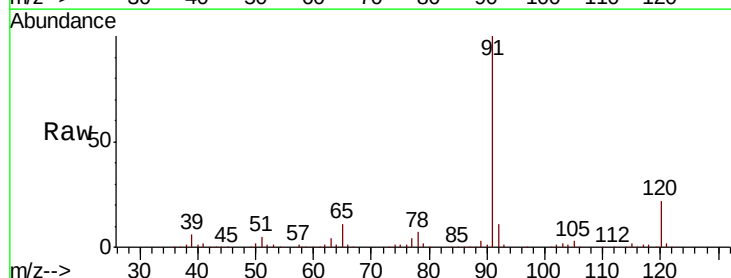
Acq: 26 Apr 2019 00:19

Tgt Ion: 91 Resp: 384580

Ion Ratio Lower Upper

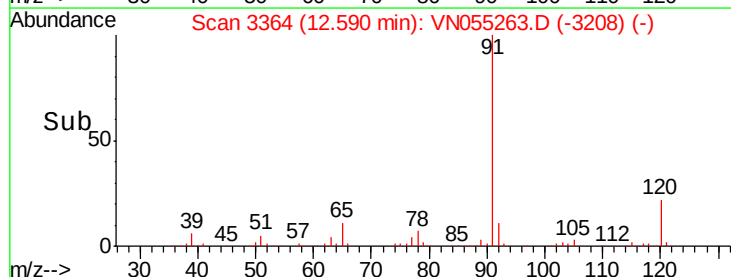
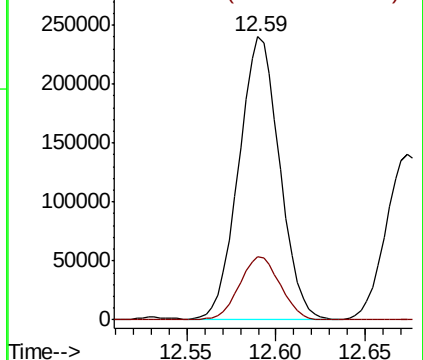
91 100

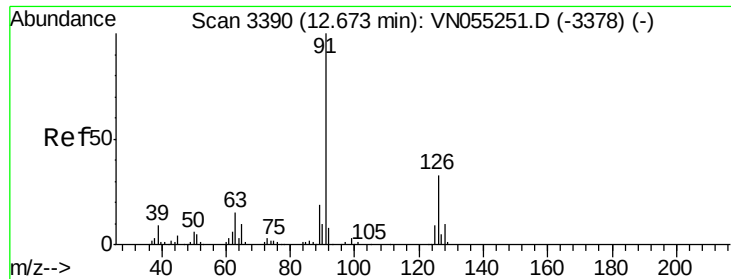
120 22.2 0.0 43.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.415 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

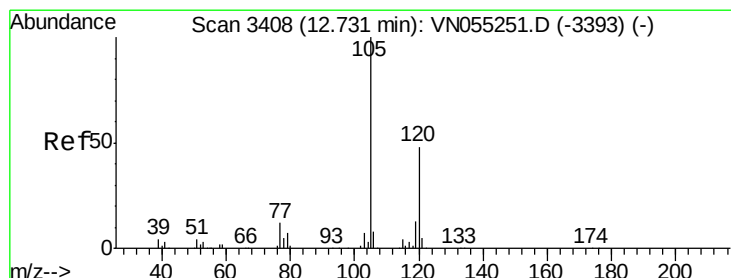
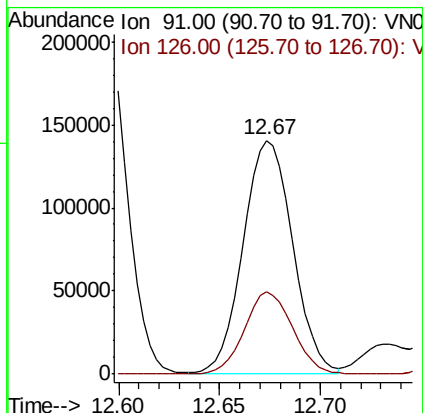
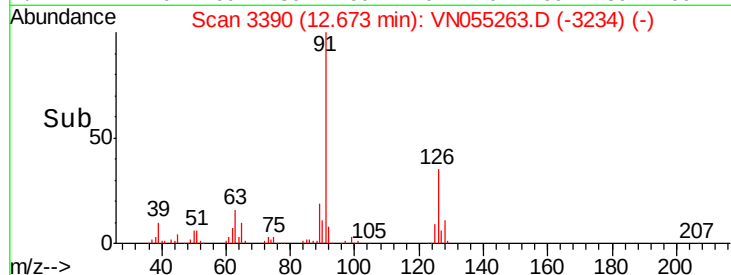
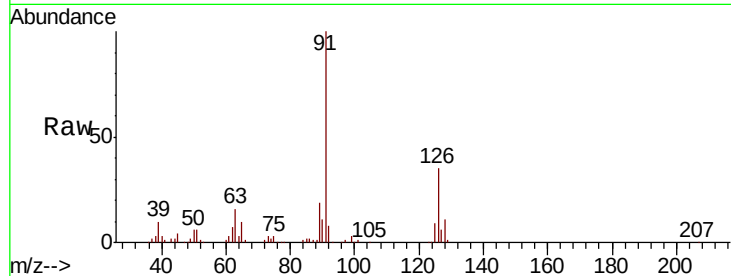
VSTDCCC020EC

Tot Ion: 91 Resp: 241421

Ion Ratio Lower Upper

91 100

126 34.3 0.0 65.8



#76

1,3,5-Trimethylbenzene

Concen: 18.802 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055263.D

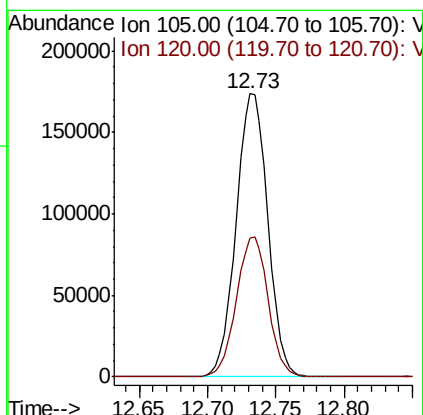
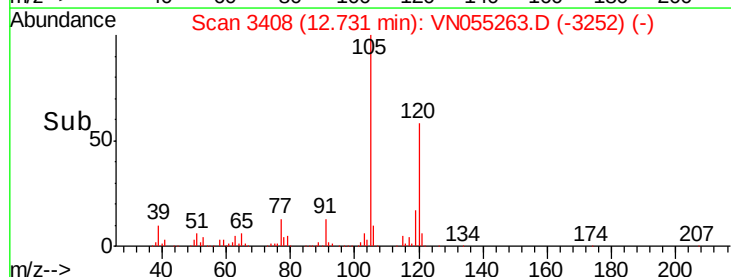
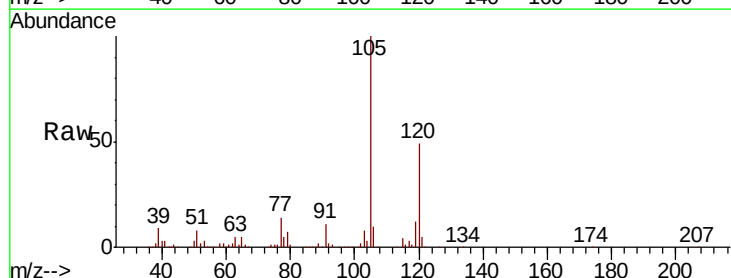
Acq: 26 Apr 2019 00:19

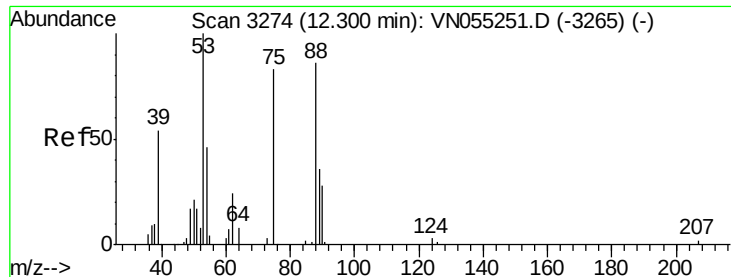
Tgt Ion: 105 Resp: 280289

Ion Ratio Lower Upper

105 100

120 49.5 0.0 94.8





#77

t-1,4-Dichloro-2-butene

Concen: 15.967 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

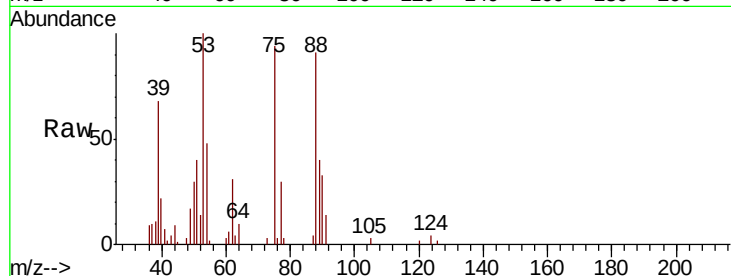
Tot Ion: 75 Resp: 18444

Ion Ratio Lower Upper

75 100

53 105.3 59.5 178.5

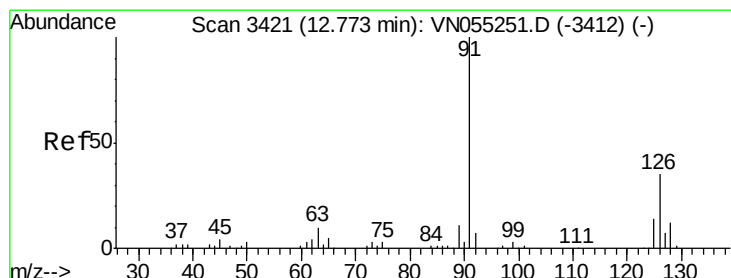
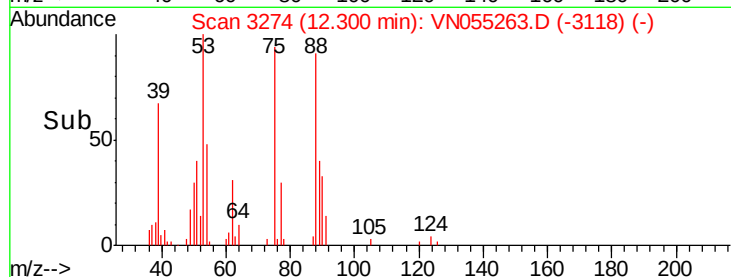
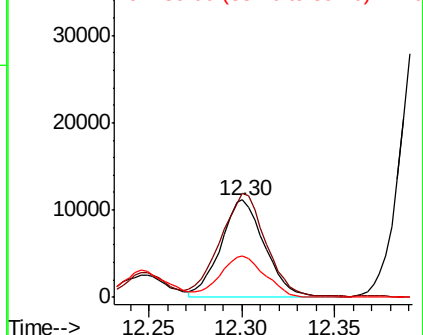
89 42.7 23.1 69.2



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: 18.595 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055263.D

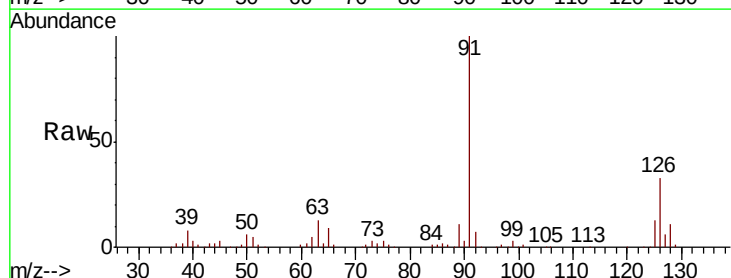
Acq: 26 Apr 2019 00:19

Tgt Ion: 91 Resp: 219812

Ion Ratio Lower Upper

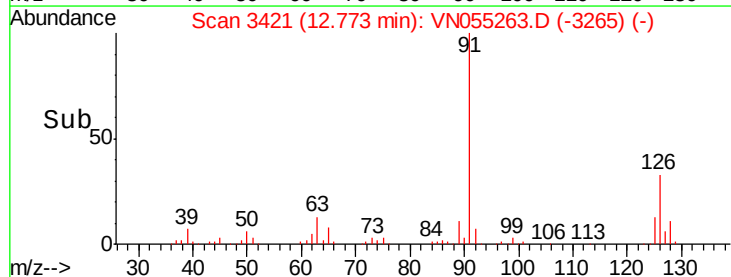
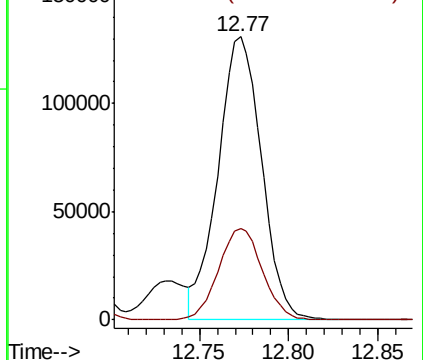
91 100

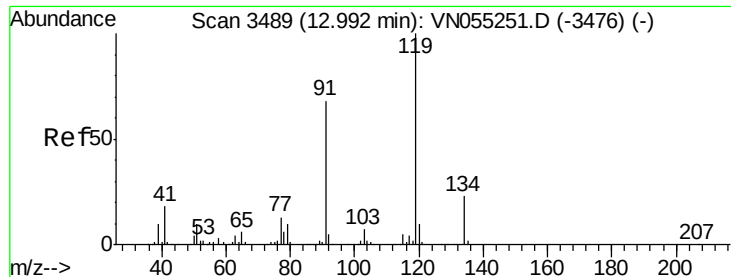
126 32.7 0.0 66.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

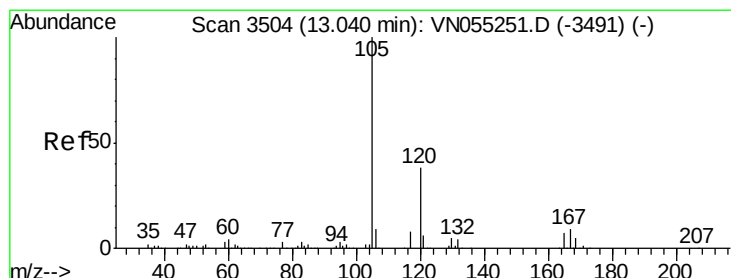
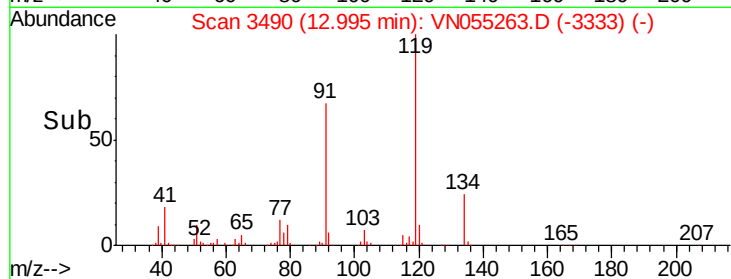
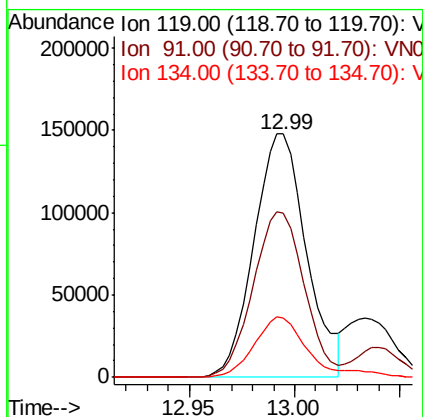
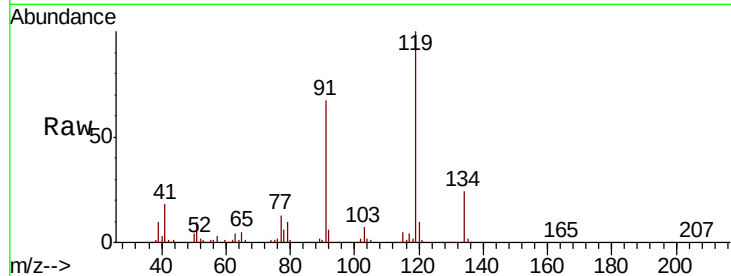




#79
tert-butylbenzene
Concen: 19.936 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

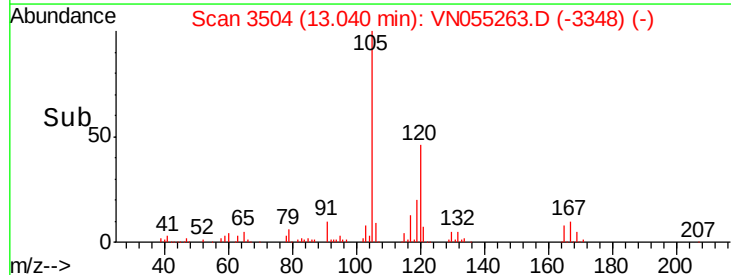
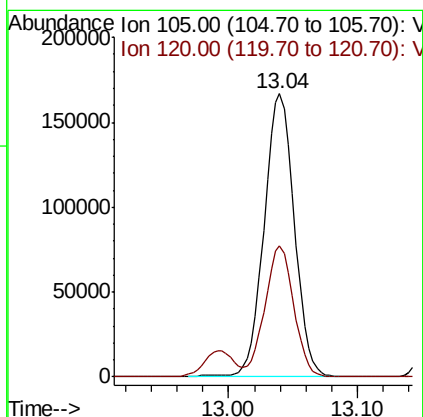
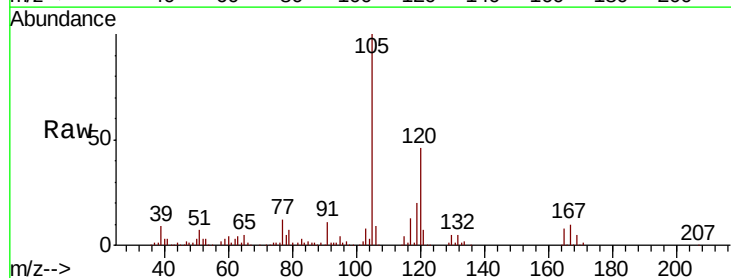
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

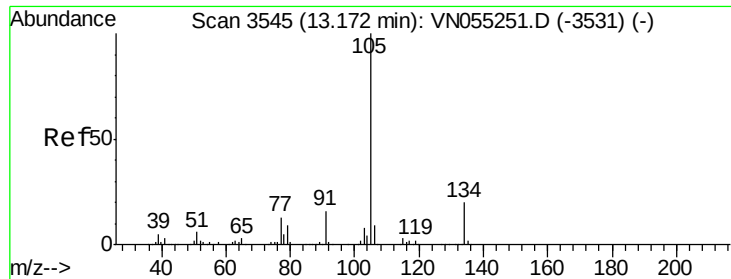
Tot Ion:119 Resp: 255983
Ion Ratio Lower Upper
119 100
91 66.4 0.0 135.6
134 25.5 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 18.963 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055263.D
Acq: 26 Apr 2019 00:19

Tgt Ion:105 Resp: 272557
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.6

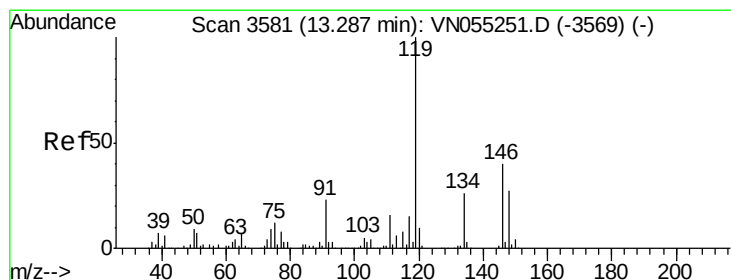
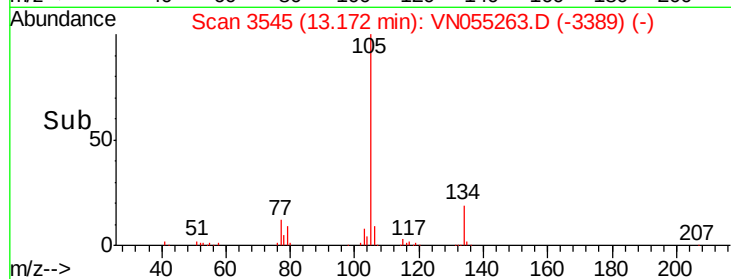
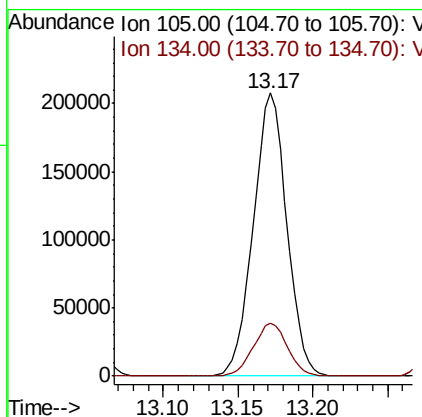
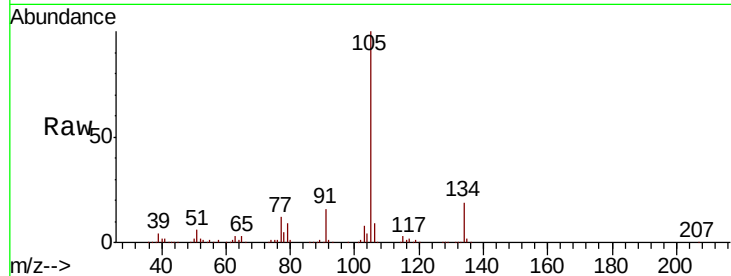




#81
 sec-Butylbenzene
 Concen: 19.071 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

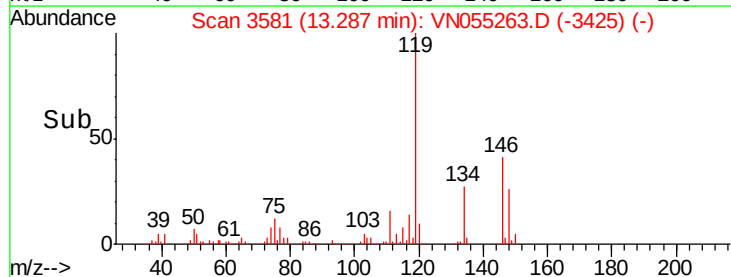
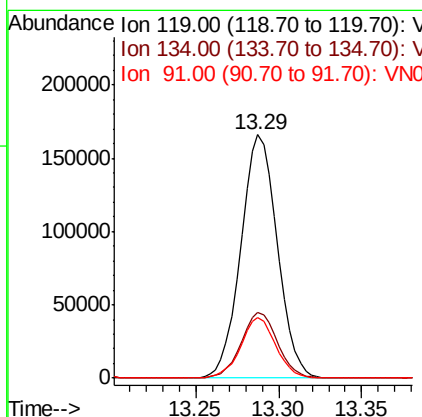
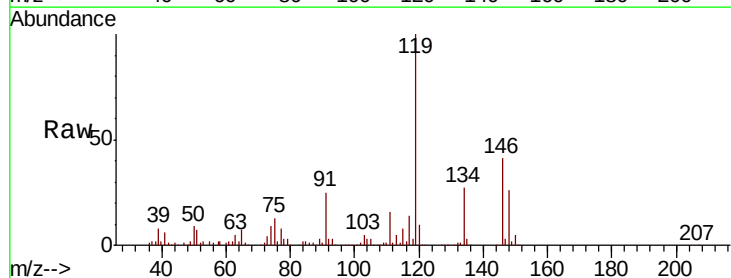
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

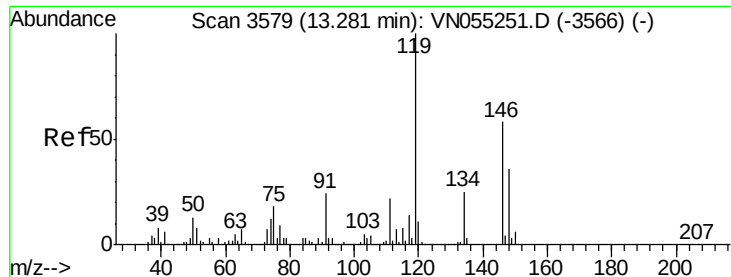
Tot Ion:105 Resp: 323716
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.8



#82
 p-Isopropyltoluene
 Concen: 18.043 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion:119 Resp: 254054
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.2
 91 23.8 0.0 47.6

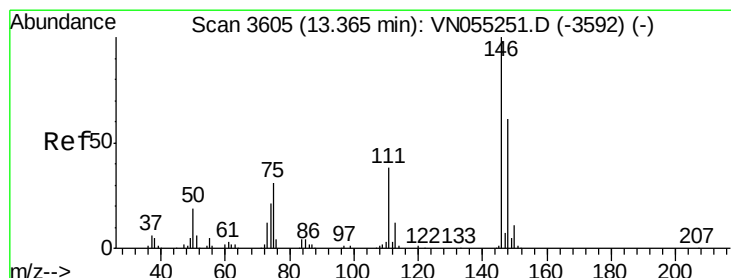
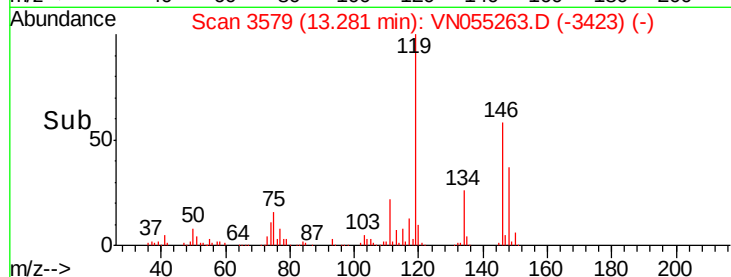
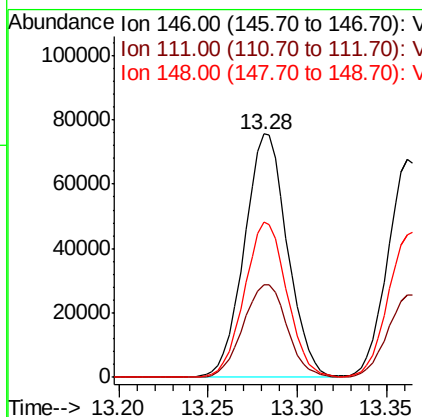
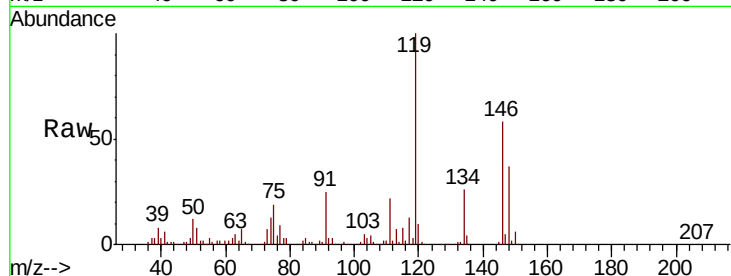




#83
 1,3-Dichlorobenzene
 Concen: 18.187 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

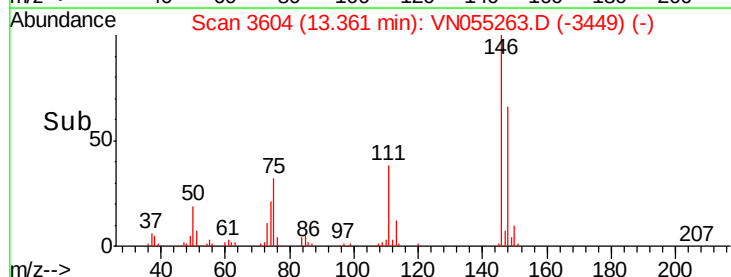
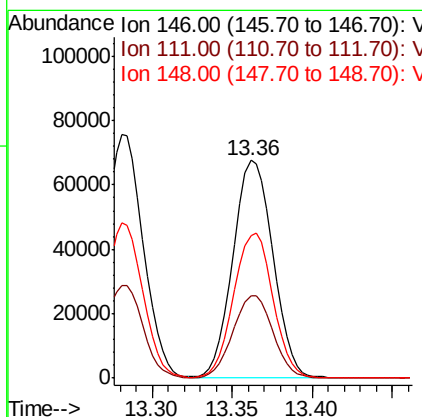
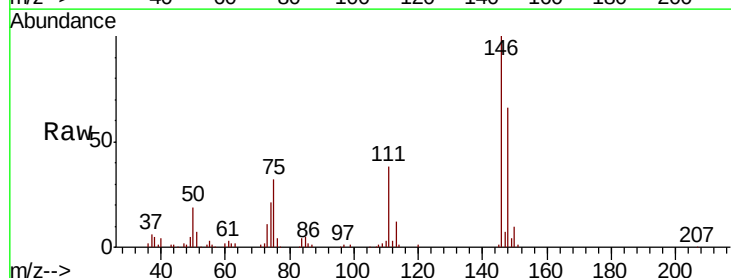
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

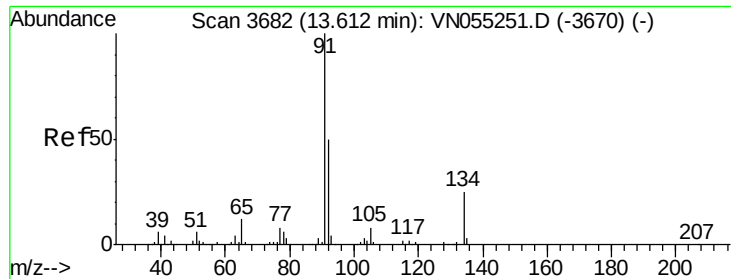
Tot Ion:146 Resp: 127392
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.9 59.7
 148 62.9 32.8 98.3



#84
 1,4-Dichlorobenzene
 Concen: 17.514 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion:146 Resp: 115789
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.5
 148 65.1 31.4 94.3





#85

n-Butylbenzene

Concen: 15.701 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

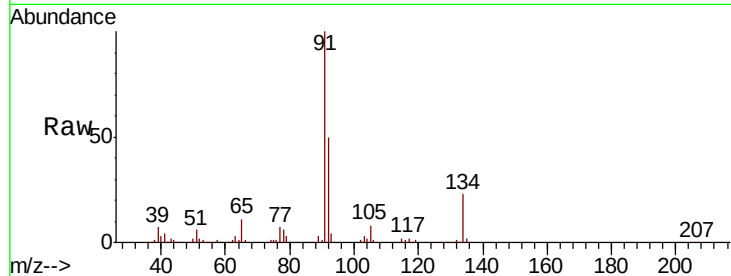
Tot Ion: 91 Resp: 168561

Ion Ratio Lower Upper

91 100

92 49.9 0.0 102.8

134 23.9 0.0 50.0



Abundance Ion 91.00 (90.70 to 91.70): VN055251.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN055251.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN055251.D (-3670) (-)

13.61

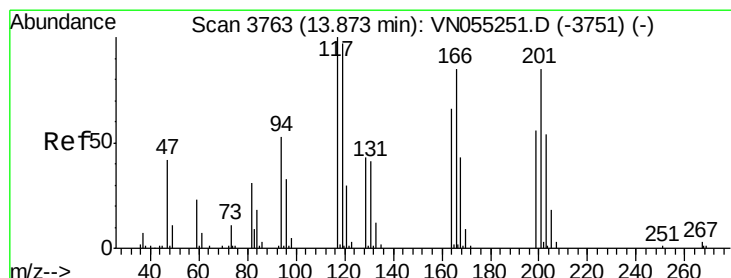
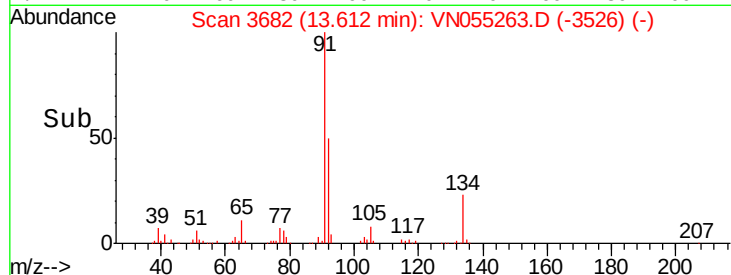
100000

50000

0

13.55 13.60 13.65 13.70

Time-->



#86

Hexachloroethane

Concen: 18.264 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN055263.D

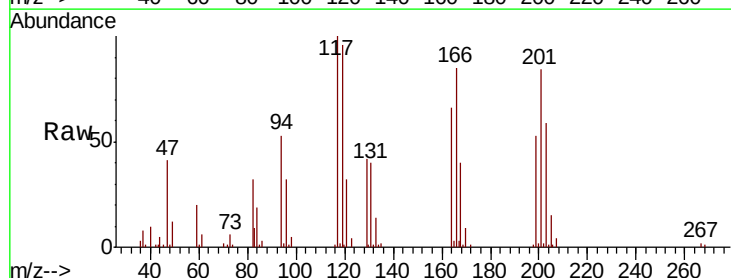
Acq: 26 Apr 2019 00:19

Tgt Ion: 117 Resp: 43869

Ion Ratio Lower Upper

117 100

201 88.3 44.5 133.7



Abundance Ion 117.00 (116.70 to 117.70): VN055251.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN055251.D (-3751) (-)

13.88

30000

25000

20000

15000

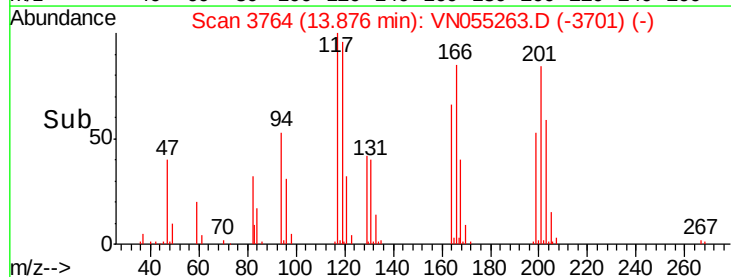
10000

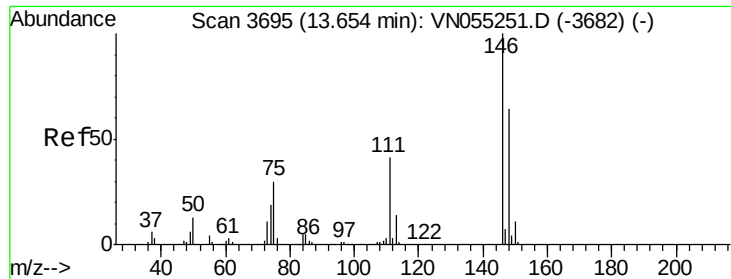
5000

0

13.80 13.85 13.90

Time-->

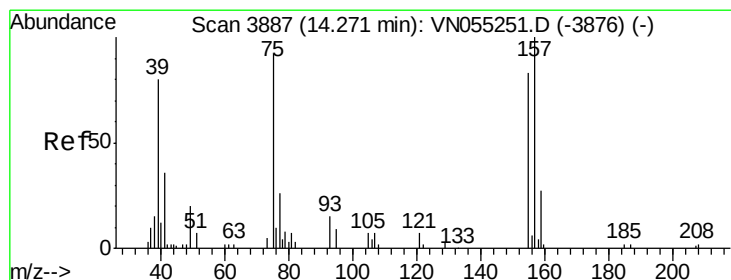
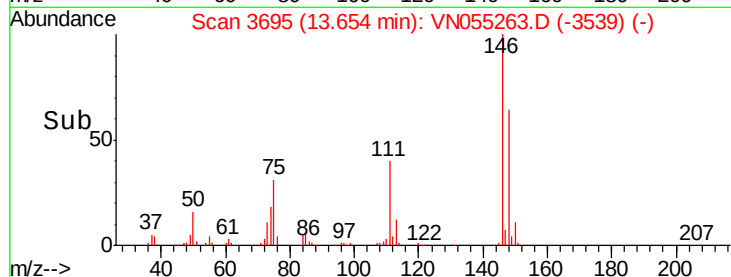
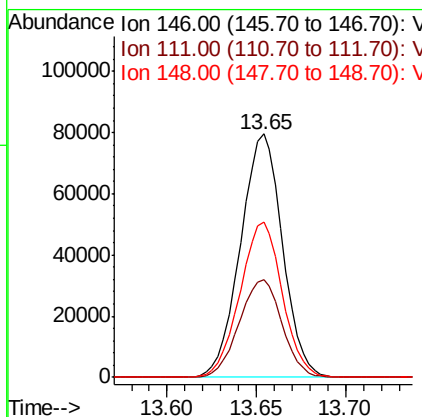
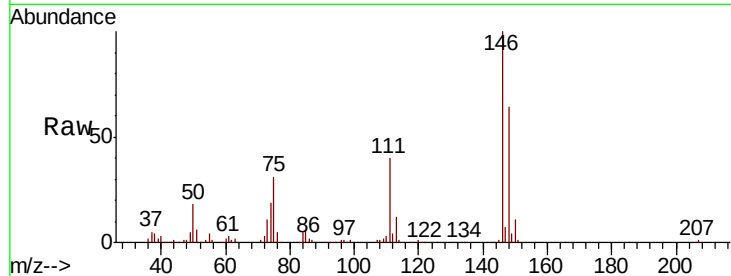




#87
 1,2-Dichlorobenzene
 Concen: 18.604 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

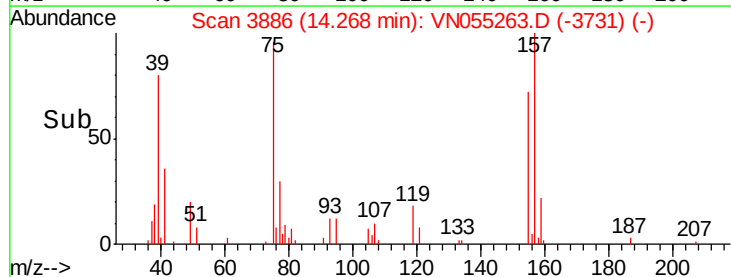
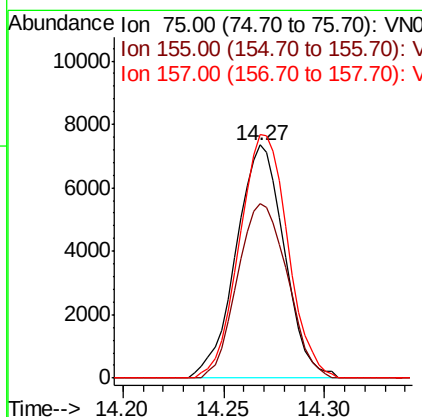
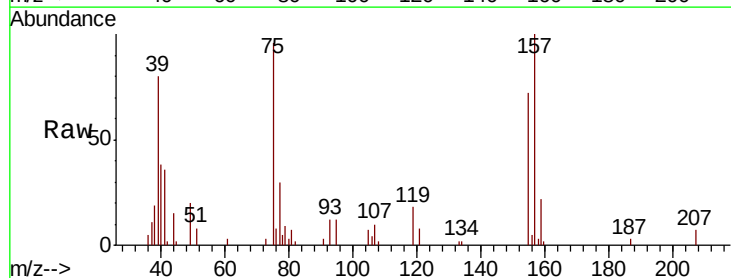
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

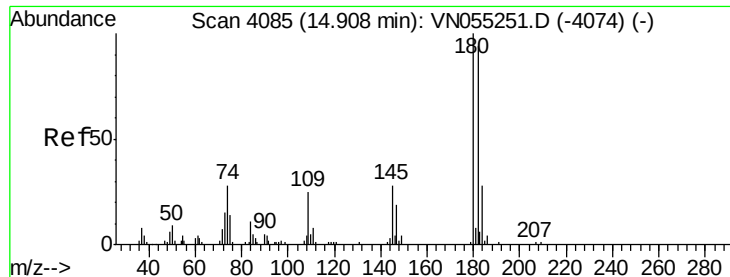
Tot Ion:146 Resp: 130395
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.8 62.2
 148 64.2 31.9 95.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.810 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion: 75 Resp: 12319
 Ion Ratio Lower Upper
 75 100
 155 77.5 70.4 105.6
 157 104.9 88.5 132.7

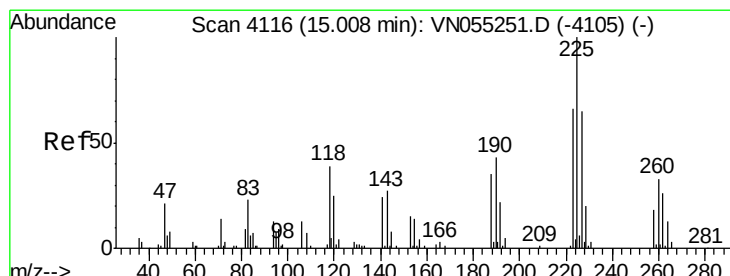
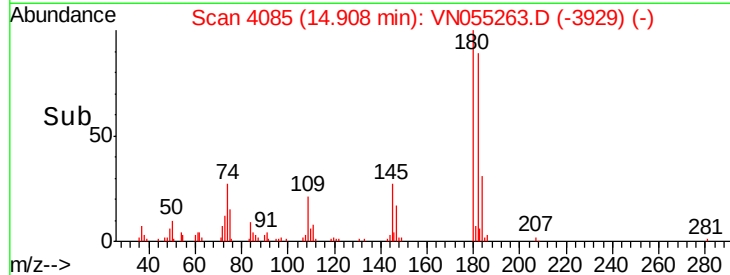
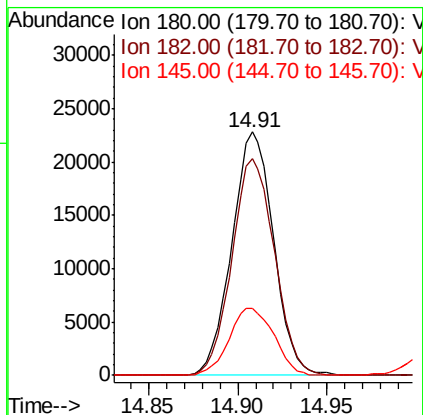
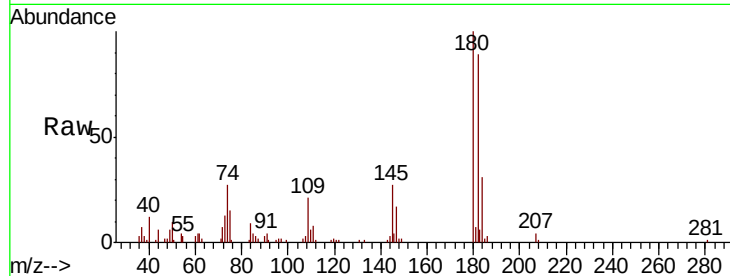




#89
 1,2,4-Trichlorobenzene
 Concen: 13.406 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

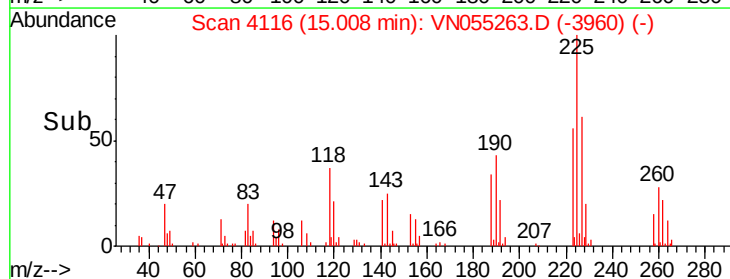
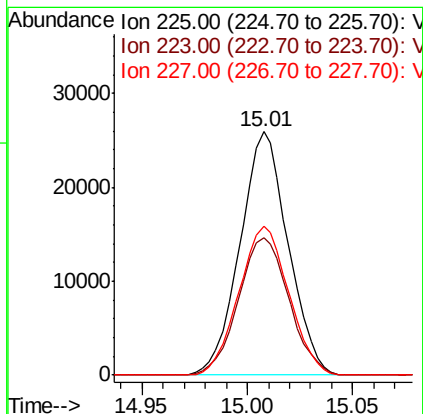
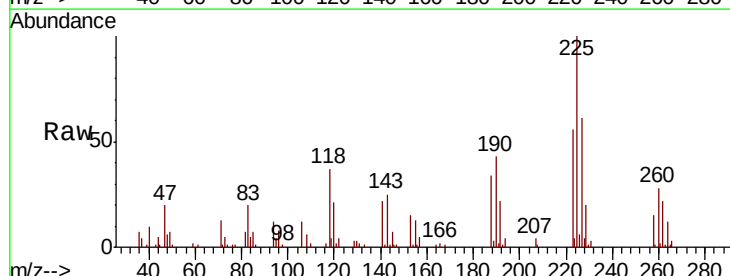
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

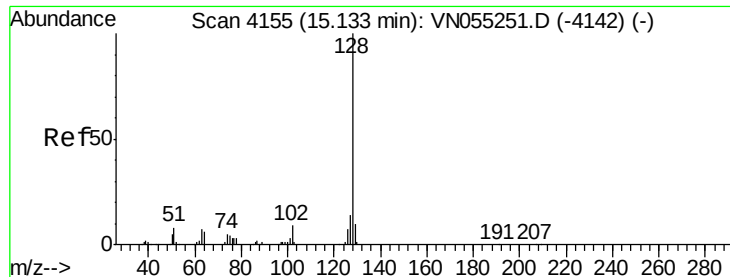
Tot Ion:180 Resp: 37178
 Ion Ratio Lower Upper
 180 100
 182 90.6 74.8 112.2
 145 29.4 23.2 34.8



#90
 Hexachlorobutadiene
 Concen: 17.477 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055263.D
 Acq: 26 Apr 2019 00:19

Tgt Ion:225 Resp: 41040
 Ion Ratio Lower Upper
 225 100
 223 59.5 0.0 125.2
 227 63.4 0.0 128.4





#91

Naphthalene

Concen: 12.923 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

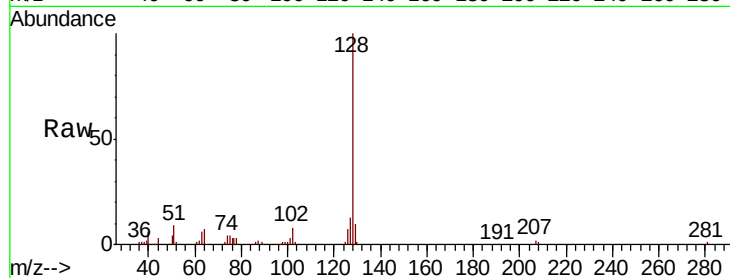
Tot Ion:128 Resp: 82817

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

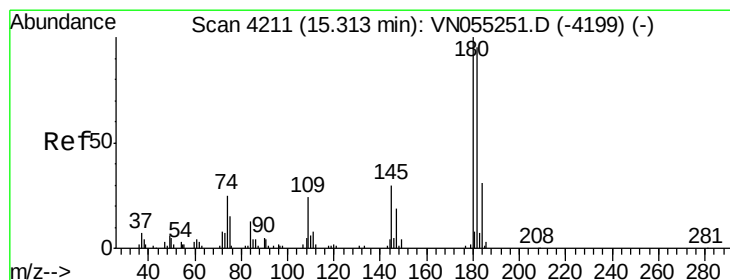
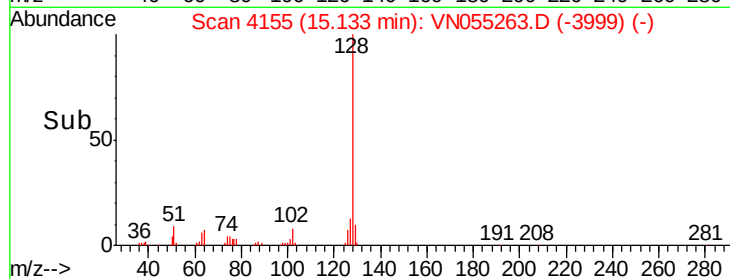
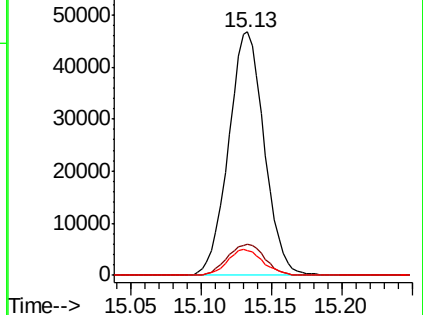
129 10.5 8.0 12.0



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: 13.848 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055263.D

Acq: 26 Apr 2019 00:19

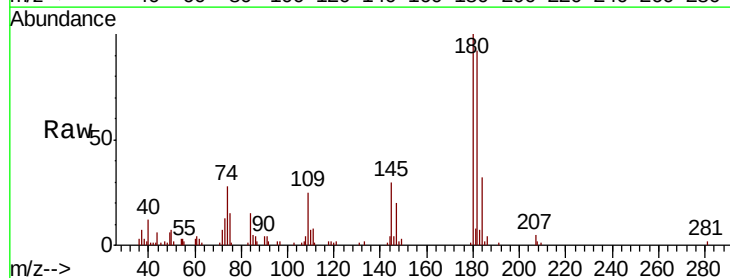
Tgt Ion:180 Resp: 40068

Ion Ratio Lower Upper

180 100

182 96.0 0.0 188.0

145 32.5 0.0 60.0



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

