

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056420.D
 Acq On : 21 Jun 2019 12:55
 Operator : JC/SP
 Sample : VN0621WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Quant Time: Jun 24 09:36:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	63957	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	344611	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	303884	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	128704	32.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.03%
60) 4-Bromofluorobenzene	12.40	95	133017	29.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.43%
63) Toluene-d8	10.09	98	424089	30.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	78227	21.746	ug/l 100
3) Chloromethane	2.06	50	90891	21.626	ug/l 100
4) Vinyl Chloride	2.18	62	90433	21.104	ug/l 99
5) Bromomethane	2.54	94	49998m	18.565	ug/l
6) Chloroethane	2.69	64	50948	21.020	ug/l 96
7) Trichlorofluoromethane	3.00	101	113418	21.392	ug/l 99
8) Diethyl Ether	3.41	74	46420	20.644	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	70124	21.426	ug/l 96
10) 1,1-Dichloroethene	3.73	96	67337	20.170	ug/l 98
11) Methyl Iodide	3.95	142	96040	18.233	ug/l 99
12) Methyl Acetate	4.33	43	101129	25.208	ug/l 97
13) Acrolein	3.61	56	19737m	100.936	ug/l
14) Acrylonitrile	4.99	53	200187	111.894	ug/l 99
15) Acetone	3.82	58	59154	100.980	ug/l 93
16) Carbon Disulfide	4.05	76	145026	18.257	ug/l 100
17) Allyl chloride	4.32	41	110946	21.448	ug/l 99
18) Methylene Chloride	4.55	84	82810	21.426	ug/l 93
19) trans-1,2-Dichloroethene	5.04	96	71470	20.055	ug/l 91
20) Diisopropyl ether	5.95	45	239164	22.316	ug/l 99
21) 1,1-Dichloroethane	5.85	63	137845	22.132	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	85979	20.671	ug/l 94
23) tert-Butyl Alcohol	4.79	59	66555	95.573	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	226051	21.246	ug/l # 81
25) Chloroform	7.37	83	134854	21.683	ug/l 98
26) Cyclohexane	7.65	56	124688	21.579	ug/l # 97
29) 1,1-Dichloropropene	7.79	75	98311	21.090	ug/l 99
30) 2-Butanone	6.84	43	273278	111.359	ug/l 98
31) 2,2-Dichloropropane	6.82	77	88336	20.371	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	105468	20.478	ug/l 99
33) Carbon Tetrachloride	7.77	117	86304	19.779	ug/l 97
34) Benzene	8.04	78	310866	20.930	ug/l 99
35) Methacrylonitrile	7.18	41	46741m	22.556	ug/l
36) 1,2-Dichloroethane	8.12	62	106316	22.853	ug/l 96
37) Trichloroethene	8.83	130	82950	19.959	ug/l 91
38) Methylcyclohexane	9.08	83	121299	20.526	ug/l 99
39) 1,2-Dichloropropane	9.12	63	83775	22.023	ug/l 99
40) Dibromomethane	9.21	93	53079	21.045	ug/l 95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	93638	20.733	ug/l	98
42) Vinyl Acetate	5.90	43	956439	109.321	ug/l	98
43) Ethyl Acetate	6.93	43	108892	23.185	ug/l	94
44) Isopropyl Acetate	8.17	43	156721	21.492	ug/l #	85
45) 1,4-Dioxane	9.20	88	30377	389.411	ug/l	92
46) Methyl methacrylate	9.20	41	77563	21.411	ug/l	96
47) n-amyl Acetate	12.07	43	123980	20.559	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	93485	19.669	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	113286	20.355	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	79569	21.240	ug/l	99
51) Ethyl methacrylate	10.43	69	119079	21.011	ug/l	100
52) 1,3-Dichloropropane	10.71	76	131523	21.656	ug/l	98
53) Dibromochloromethane	10.90	129	70401	19.198	ug/l	98
54) 1,2-Dibromoethane	11.00	107	81524	20.855	ug/l	98
55) 2-Chloroethyl vinyl ether	9.69	63	267662	134.832	ug/l	98
56) Bromoform	12.13	173	47314	17.835	ug/l #	99
58) 4-Methyl-2-Pentanone	9.99	43	518004	112.571	ug/l	97
59) 2-Hexanone	10.75	43	366783	111.520	ug/l	99
61) Tetrachloroethene	10.63	164	89374	21.102	ug/l	98
62) Toluene	10.16	91	336670	20.523	ug/l	100
64) Chlorobenzene	11.43	112	200575	20.157	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	70843	19.744	ug/l	98
66) Ethyl Benzene	11.51	91	356559	20.407	ug/l	99
67) m/p-Xylenes	11.62	106	263182	39.352	ug/l	95
68) o-Xylene	11.95	106	129128	19.722	ug/l	95
69) Styrene	11.96	104	204270	19.202	ug/l	97
70) Isopropylbenzene	12.25	105	351833	20.567	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.50	83	105966	20.546	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	95669m	21.427	ug/l	
73) Bromobenzene	12.53	156	88270	19.440	ug/l	95
74) n-propylbenzene	12.59	91	363599	20.141	ug/l	97
75) 2-Chlorotoluene	12.67	91	225732	20.159	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	278689	19.805	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	22180	17.410	ug/l	92
78) 4-Chlorotoluene	12.77	91	203408	19.451	ug/l	98
79) tert-butylbenzene	12.99	119	252814	20.279	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	263931	19.281	ug/l	100
81) sec-Butylbenzene	13.17	105	315774	20.023	ug/l	98
82) p-Isopropyltoluene	13.29	119	269989	18.935	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	127952	18.082	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	117077	17.369	ug/l	98
85) n-Butylbenzene	13.61	91	186285	17.505	ug/l	98
86) Hexachloroethane	13.87	117	40545	18.240	ug/l	93
87) 1,2-Dichlorobenzene	13.65	146	130377	18.126	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	15215	18.793	ug/l	88
89) 1,2,4-Trichlorobenzene	14.91	180	44592	17.393	ug/l	97
90) Hexachlorobutadiene	15.01	225	47108	17.941	ug/l	99
91) Naphthalene	15.13	128	126854	13.279	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	52295	13.889	ug/l	99

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

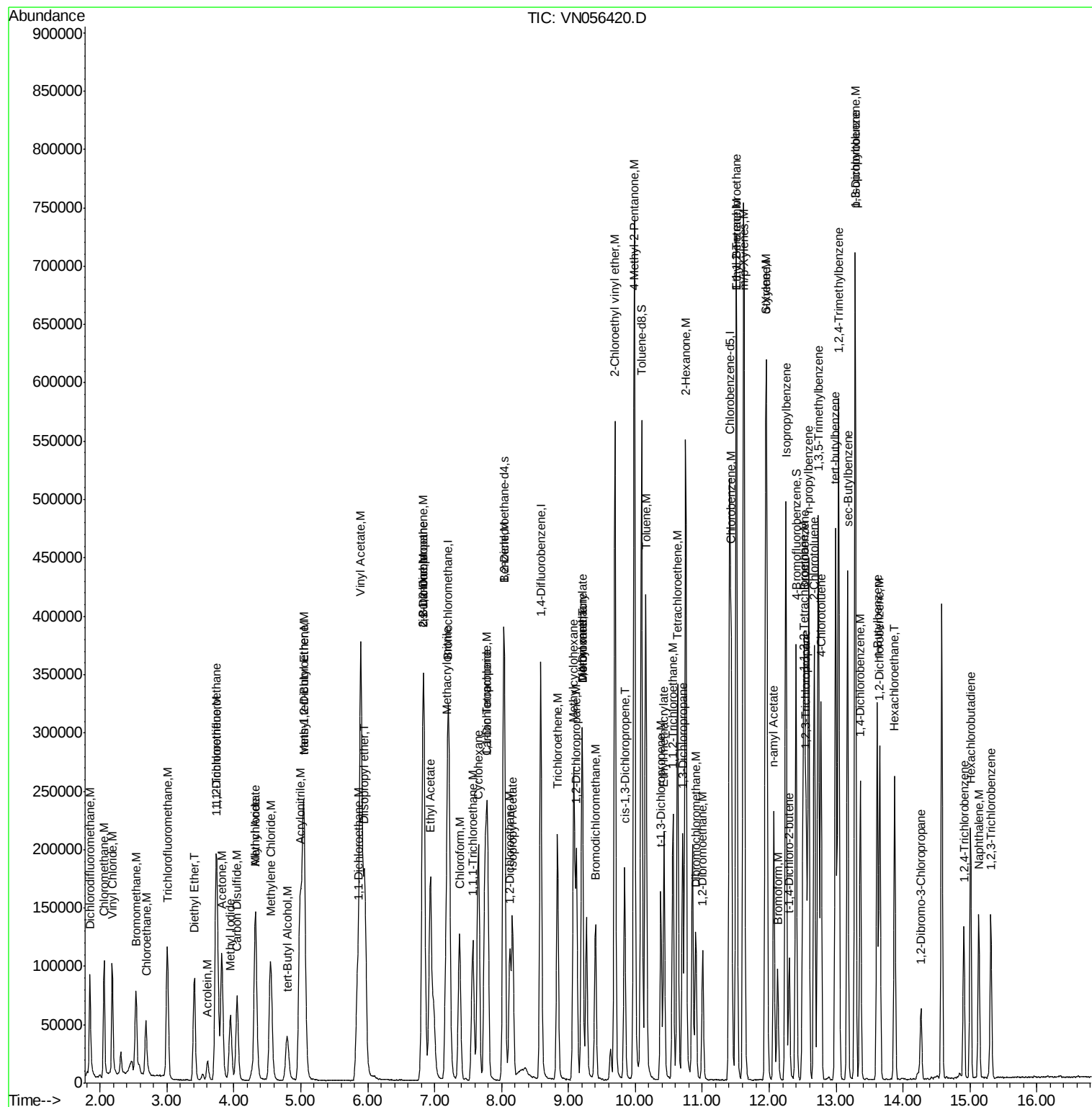
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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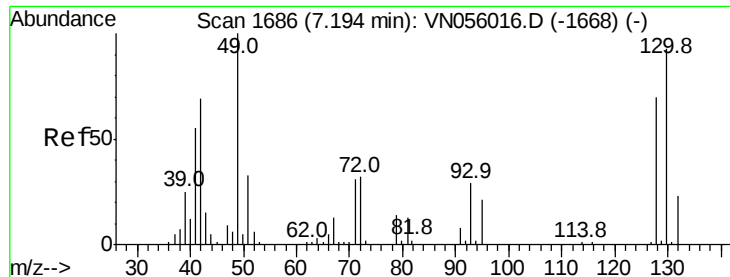
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VN056420.D
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 Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Quant Time: Jun 24 09:36:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

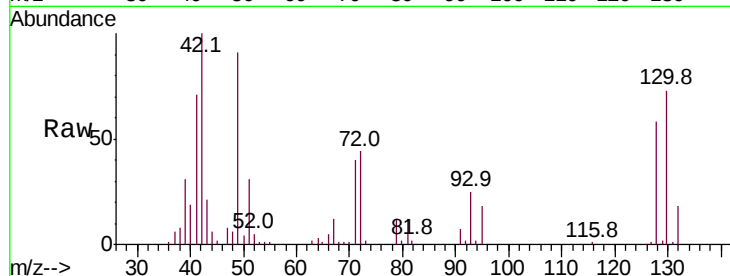
Tot Ion:128 Resp: 63957

Ion Ratio Lower Upper

128 100

49 155.8 0.0 355.8

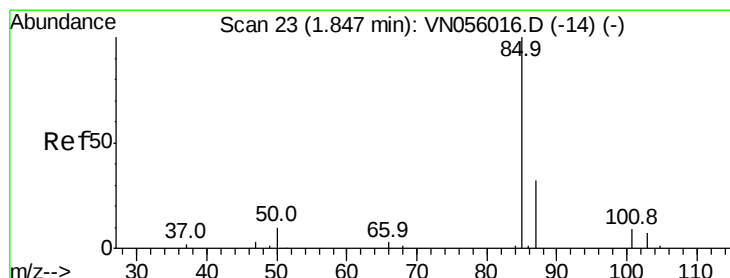
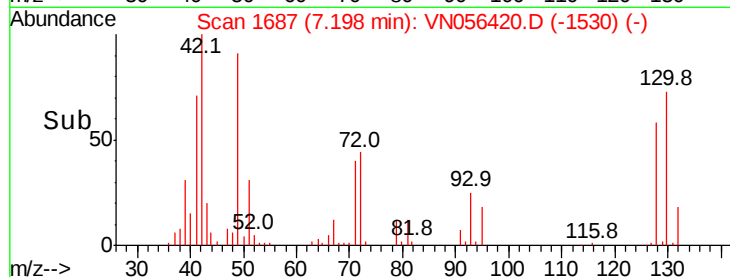
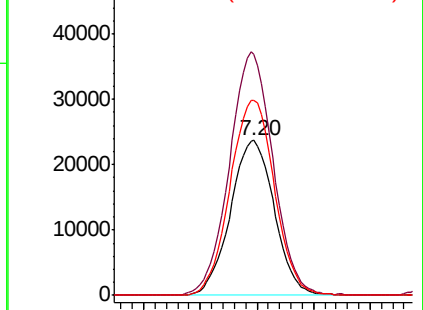
130 127.4 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.746 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056420.D

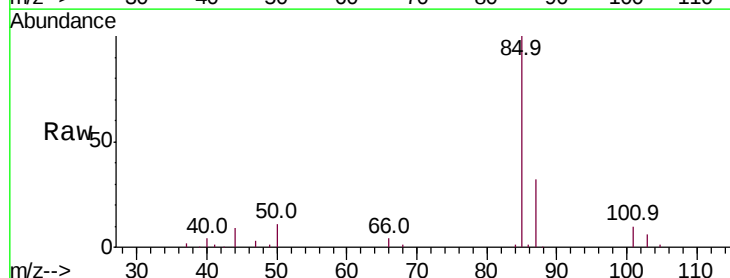
Acq: 21 Jun 2019 12:55

Tgt Ion: 85 Resp: 78227

Ion Ratio Lower Upper

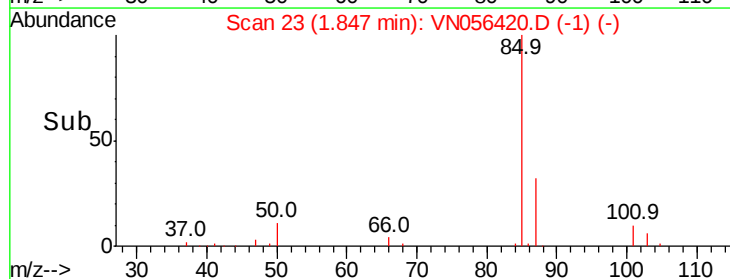
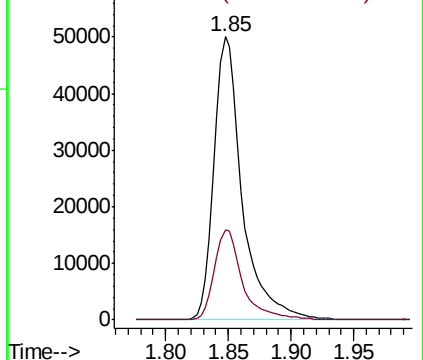
85 100

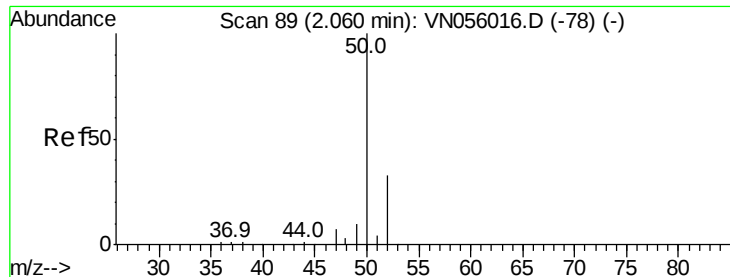
87 31.9 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 21.626 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

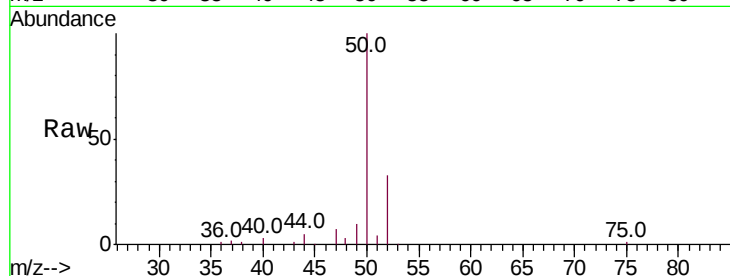
VN0621WBSD01

Tot Ion: 50 Resp: 90891

Ion Ratio Lower Upper

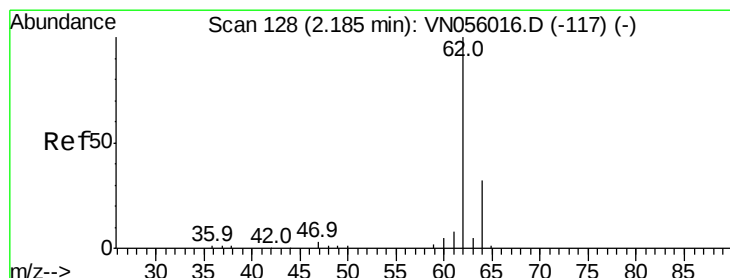
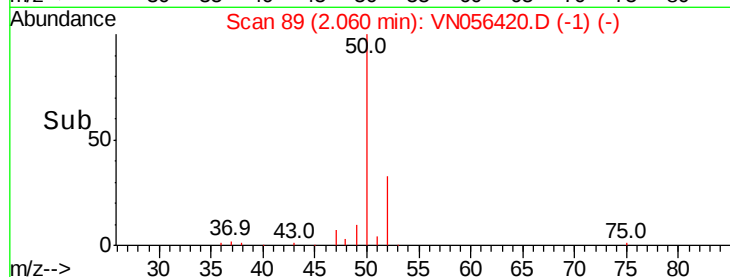
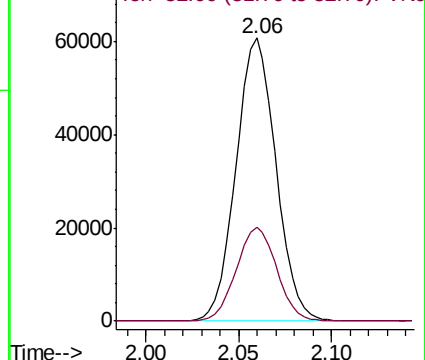
50 100

52 33.1 26.7 40.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 21.104 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056420.D

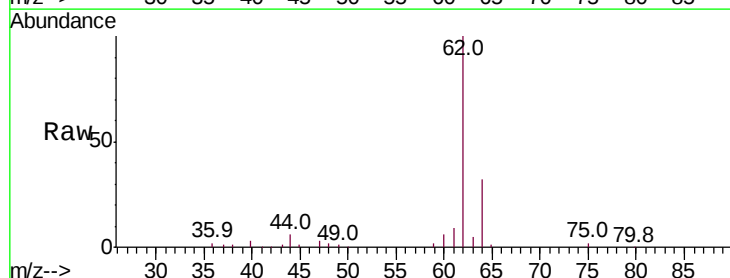
Acq: 21 Jun 2019 12:55

Tgt Ion: 62 Resp: 90433

Ion Ratio Lower Upper

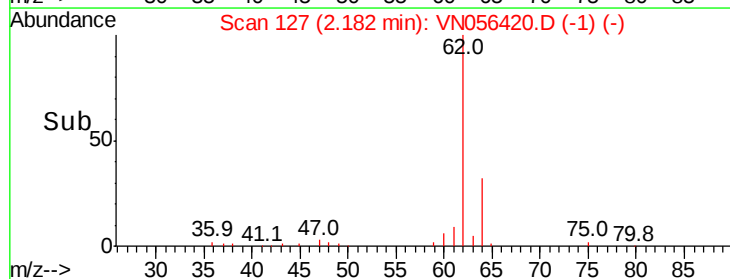
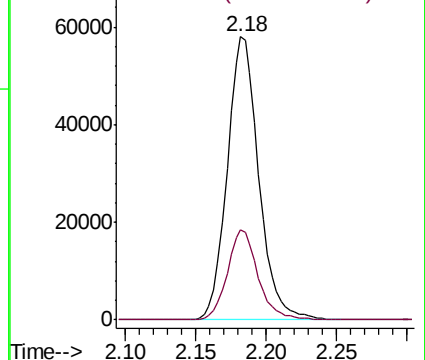
62 100

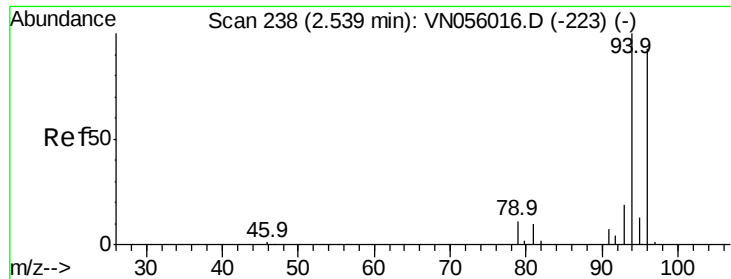
64 31.8 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

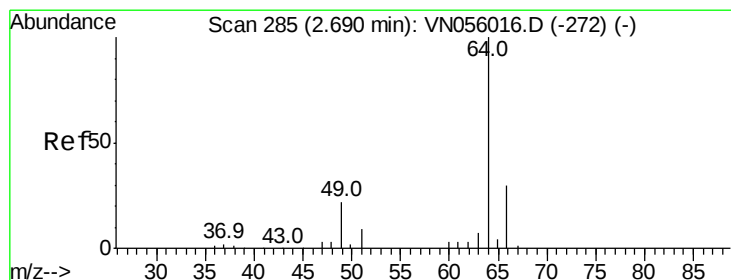
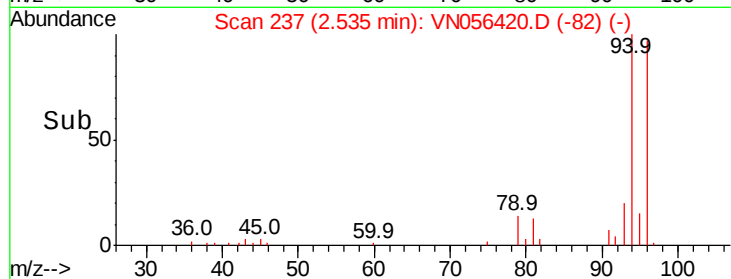
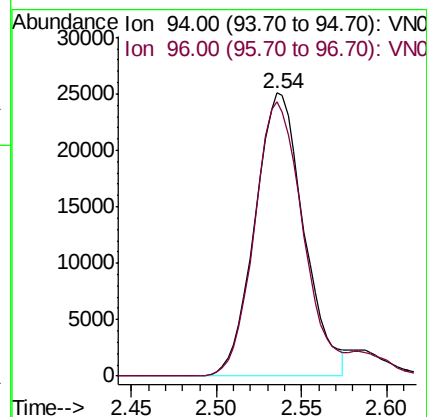
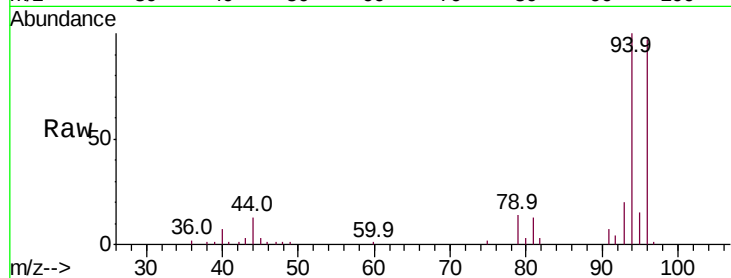




#5
Bromomethane
Concen: 18.565 ug/l m
RT: 2.54 min Scan# 237
Delta R.T. -0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

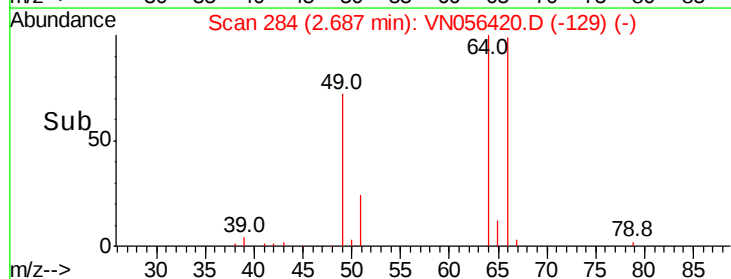
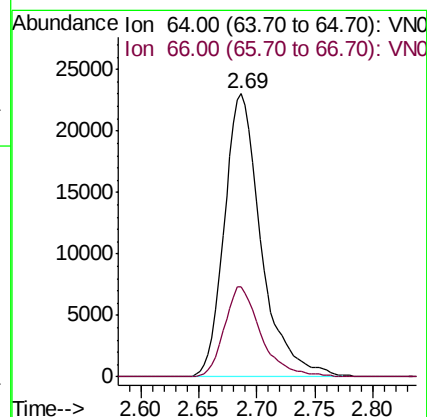
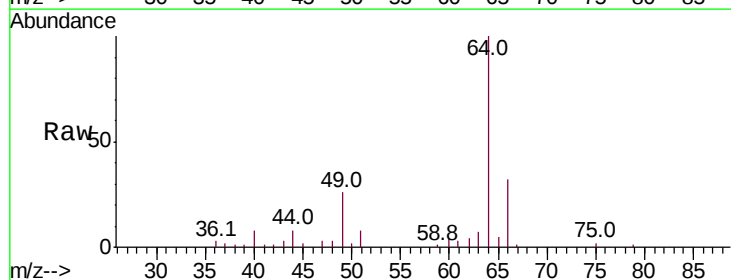
Instrument :
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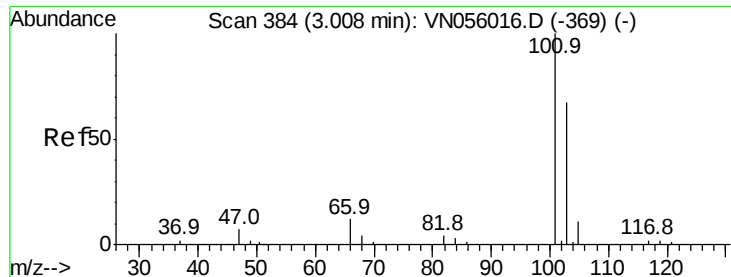
Tot Ion: 94 Resp: 49998
Ion Ratio Lower Upper
94 100
96 97.0 74.1 111.1



#6
Chloroethane
Concen: 21.020 ug/l
RT: 2.69 min Scan# 284
Delta R.T. -0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 64 Resp: 50948
Ion Ratio Lower Upper
64 100
66 31.9 23.7 35.5



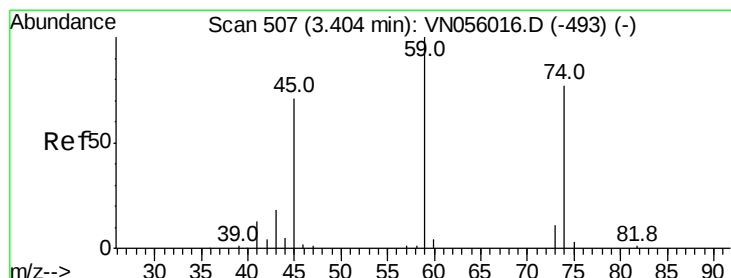
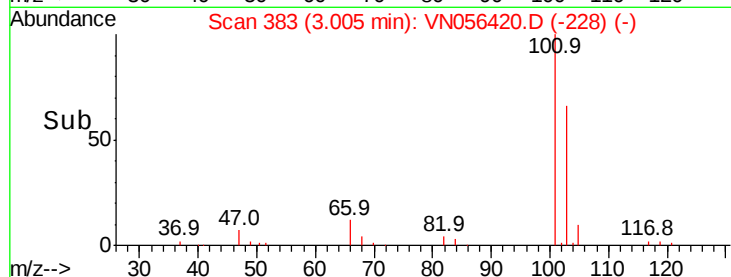
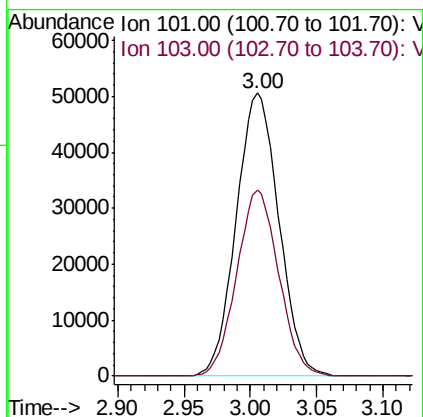
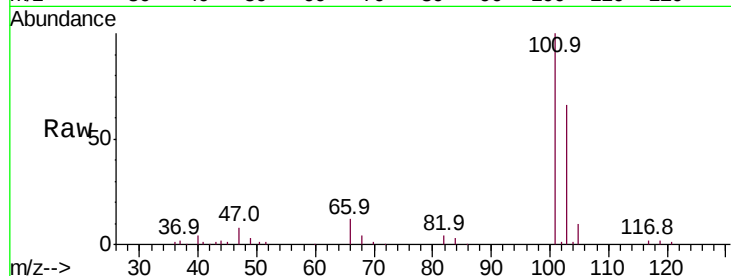


#7

Trichlorofluoromethane
 Concen: 21.392 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Instrument :
 MSVOA_N
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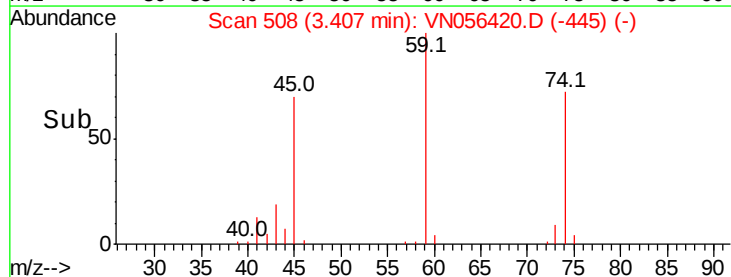
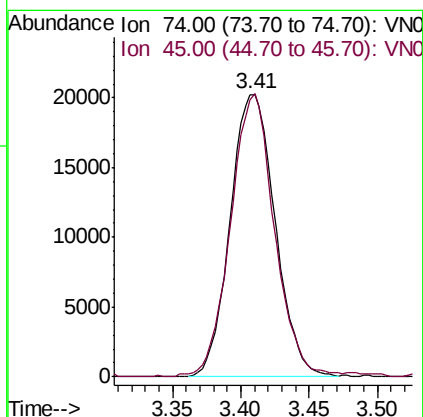
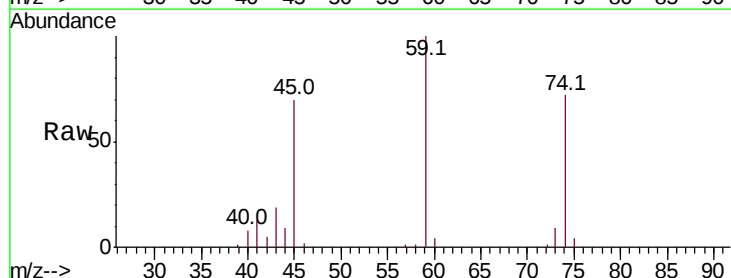
Tot Ion:101 Resp: 113418
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.4 80.0

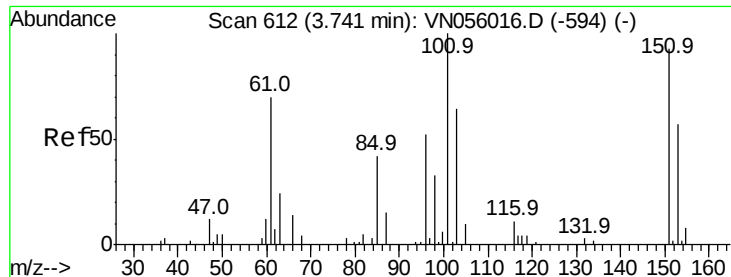


#8

Diethyl Ether
 Concen: 20.644 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Tgt Ion: 74 Resp: 46420
 Ion Ratio Lower Upper
 74 100
 45 97.8 18.8 169.6

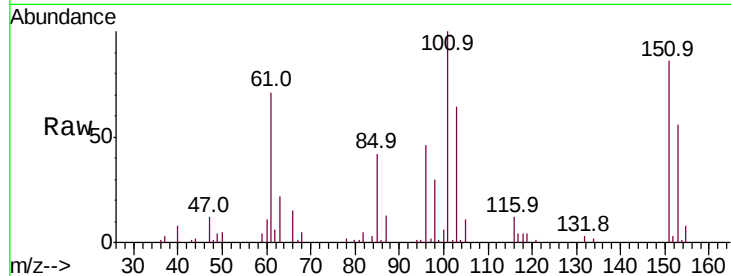




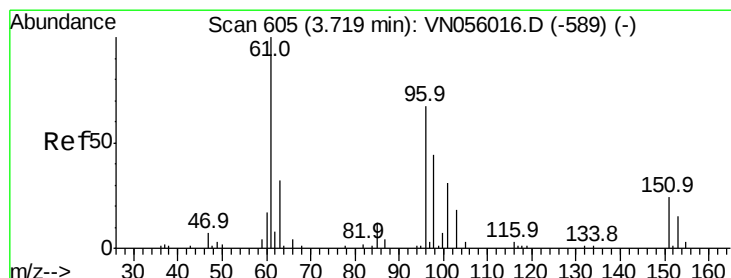
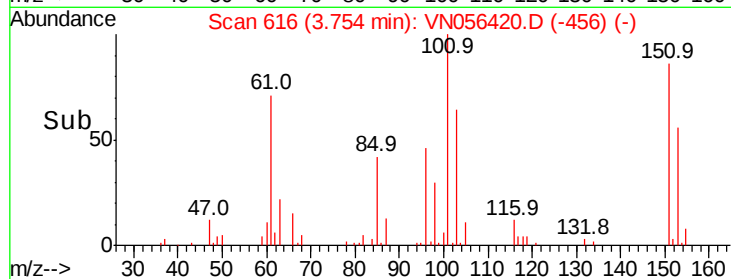
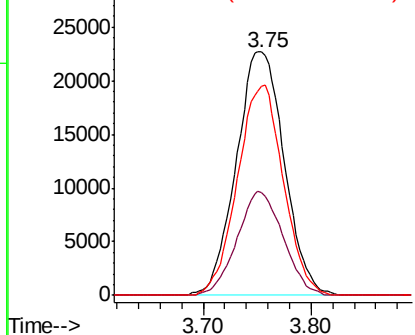
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.426 ug/l
 RT: 3.75 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Tot Ion:101 Resp: 70124
 Ion Ratio Lower Upper
 101 100
 85 40.8 0.0 82.0
 151 82.6 0.0 177.0

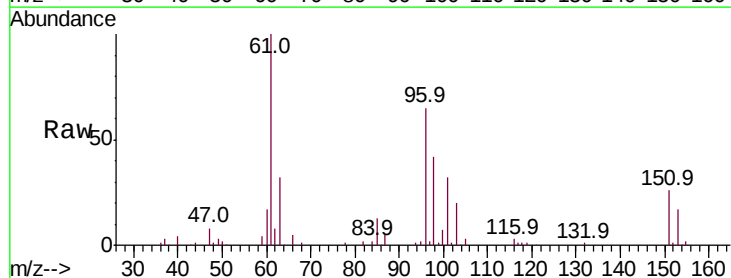


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VN
 Ion 151.00 (150.70 to 151.70): V

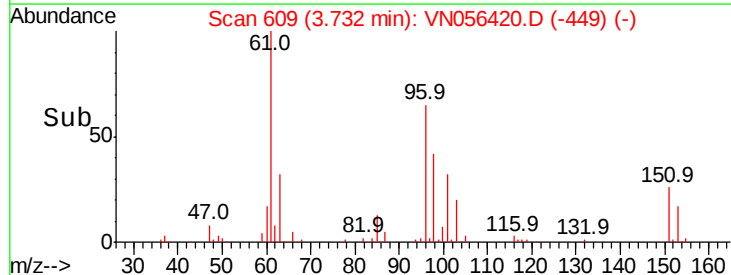
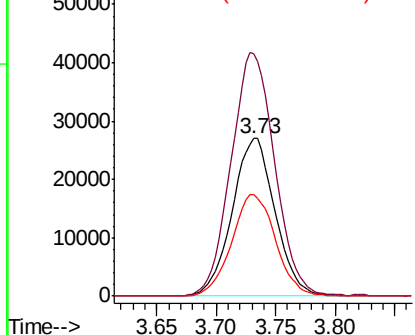


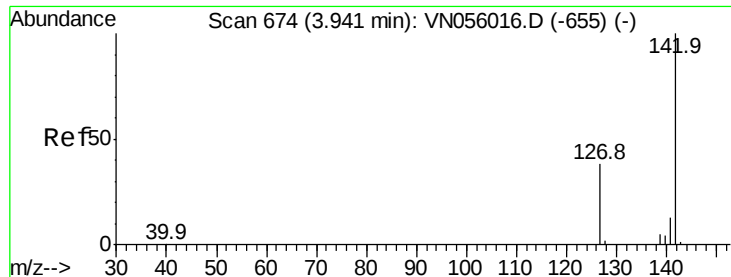
#10
 1,1-Dichloroethene
 Concen: 20.170 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Tgt Ion: 96 Resp: 67337
 Ion Ratio Lower Upper
 96 100
 61 153.1 119.7 179.5
 98 64.7 52.3 78.5



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

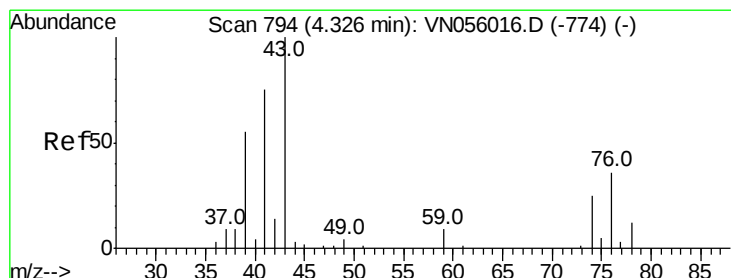
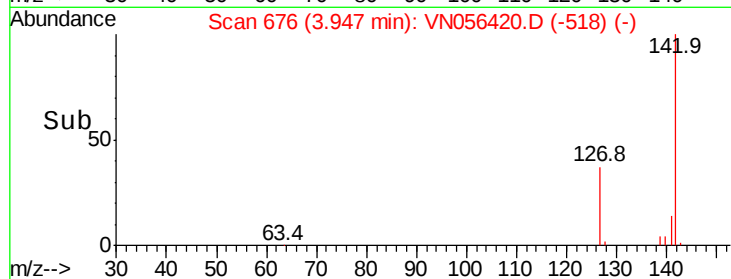
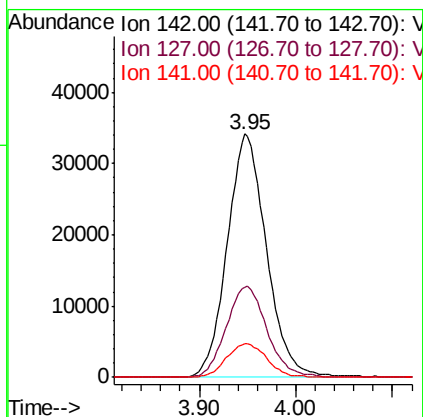
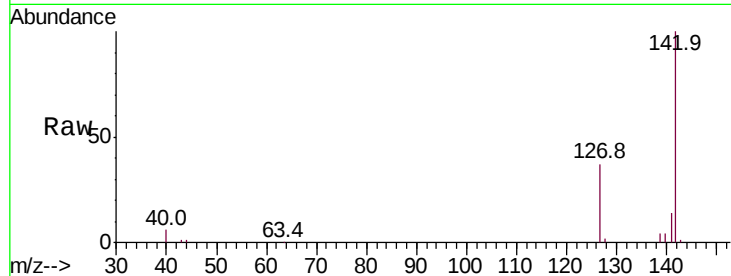




#11
Methyl Iodide
Concen: 18.233 ug/l
RT: 3.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

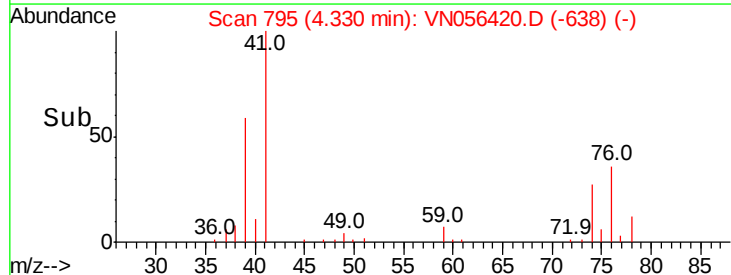
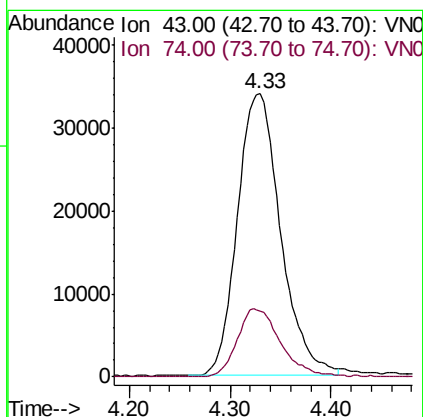
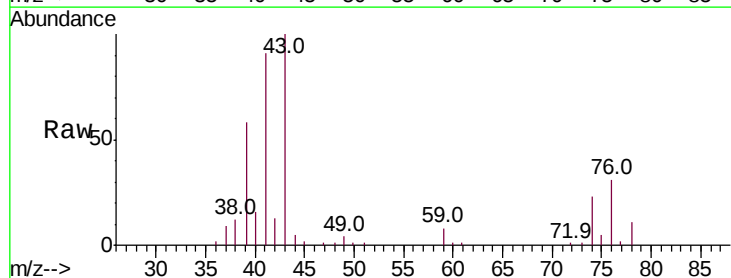
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

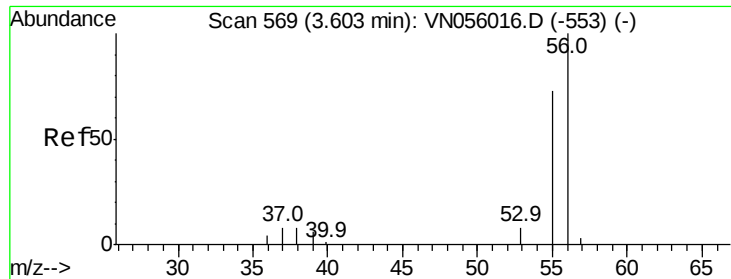
Tot Ion:142 Resp: 96040
Ion Ratio Lower Upper
142 100
127 37.3 19.0 57.0
141 14.0 6.7 20.0



#12
Methyl Acetate
Concen: 25.208 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 43 Resp: 101129
Ion Ratio Lower Upper
43 100
74 23.4 19.9 29.9





#13

Acrolein

Concen: 100.936 ug/l m

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

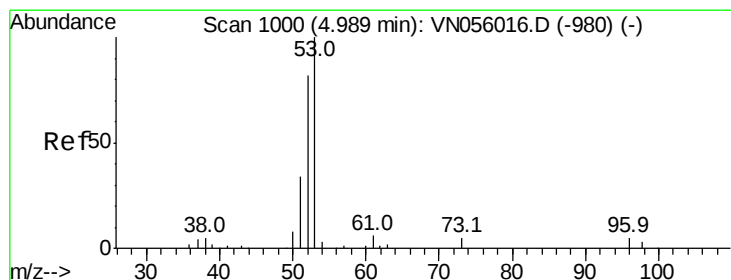
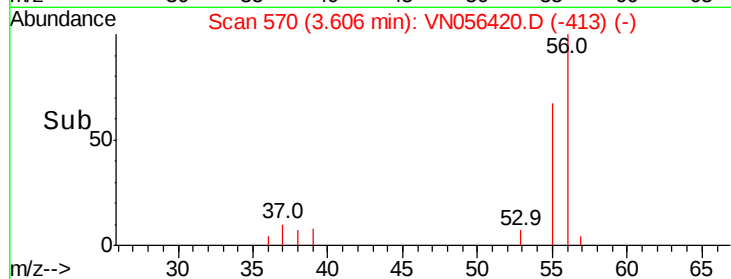
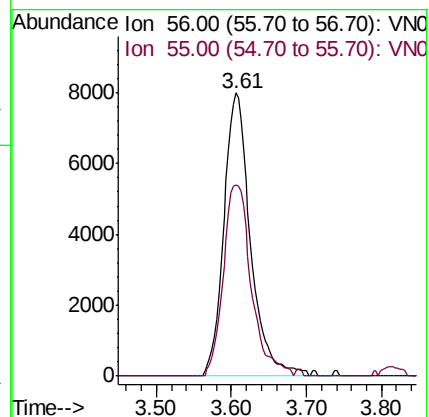
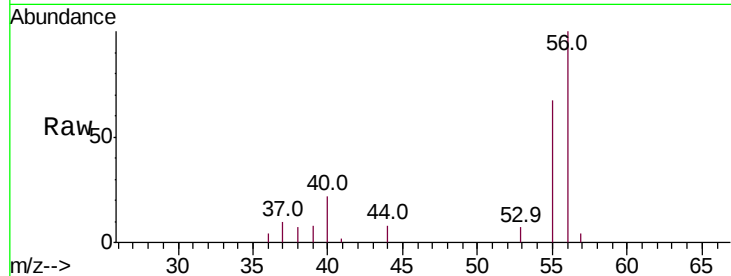
VN0621WBSD01

Tot Ion: 56 Resp: 19737

Ion Ratio Lower Upper

56 100

55 70.7 57.9 86.9



#14

Acrylonitrile

Concen: 111.894 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

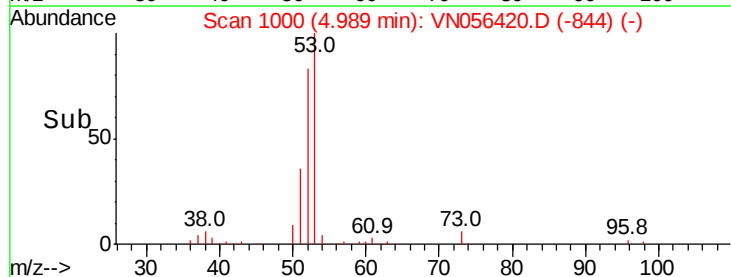
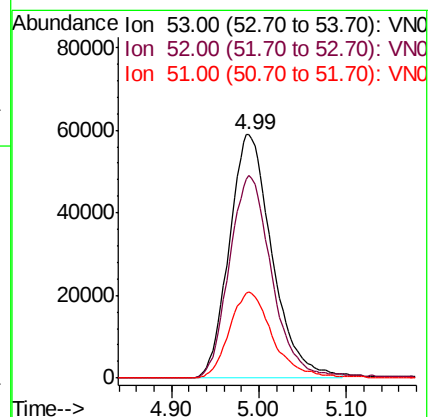
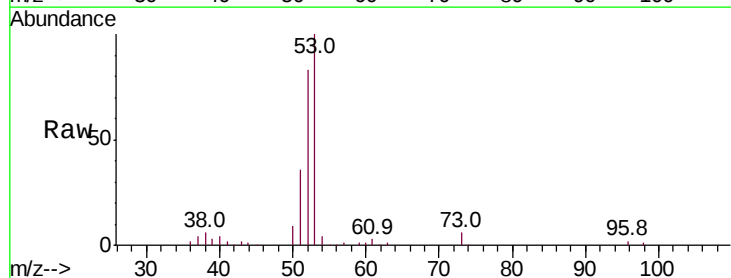
Tgt Ion: 53 Resp: 200187

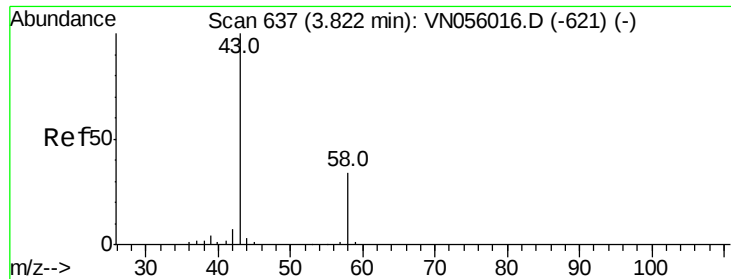
Ion Ratio Lower Upper

53 100

52 81.8 40.8 122.2

51 35.3 17.3 52.0





#15

Acetone

Concen: 100.980 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

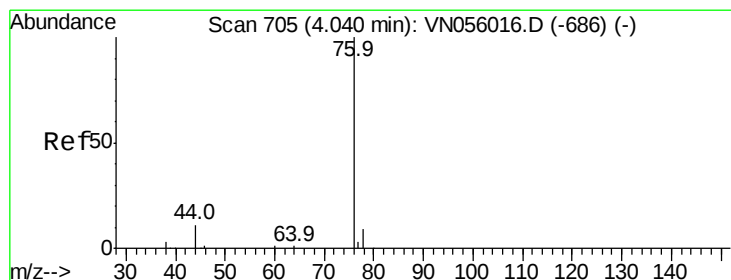
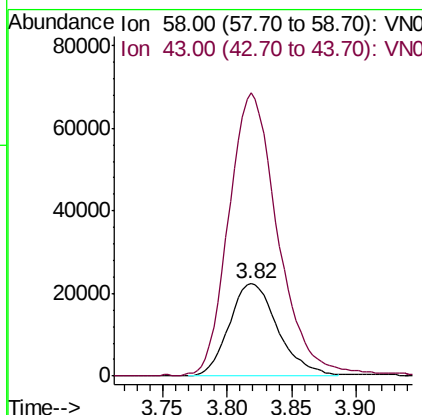
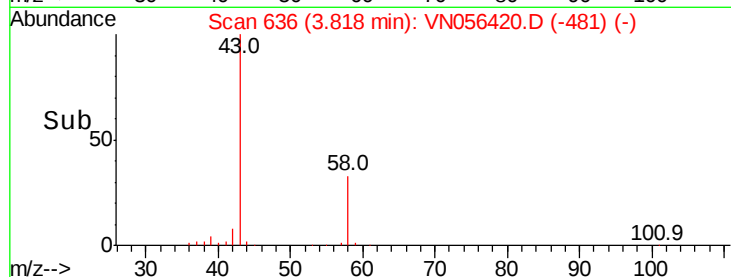
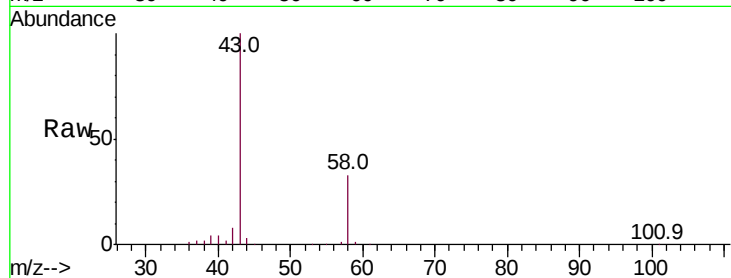
VN0621WBSD01

Tot Ion: 58 Resp: 59154

Ion Ratio Lower Upper

58 100

43 303.4 232.5 348.7



#16

Carbon Disulfide

Concen: 18.257 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN056420.D

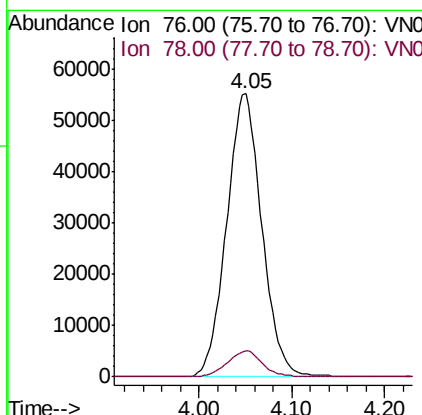
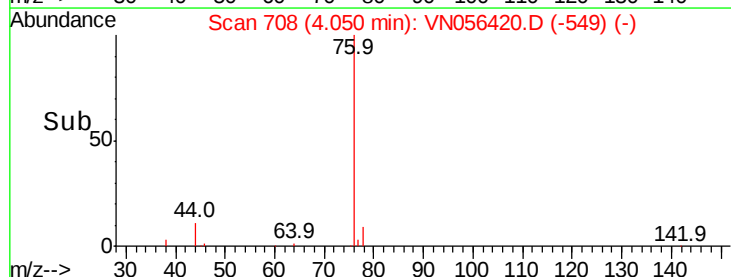
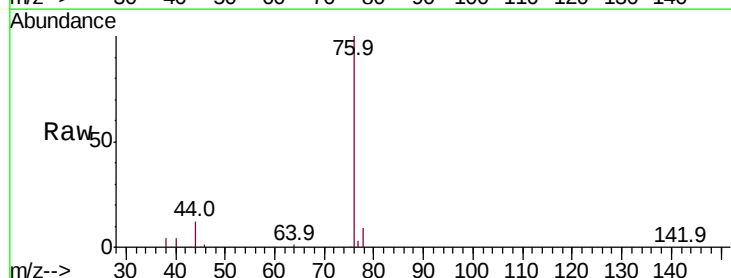
Acq: 21 Jun 2019 12:55

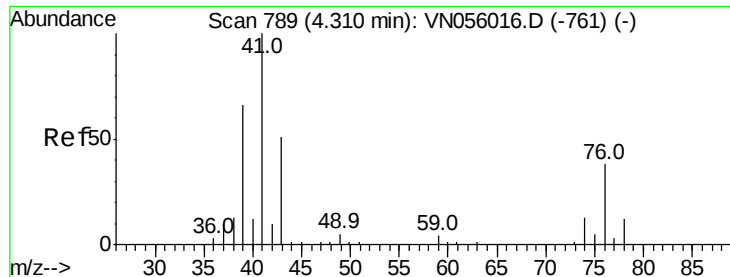
Tgt Ion: 76 Resp: 145026

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

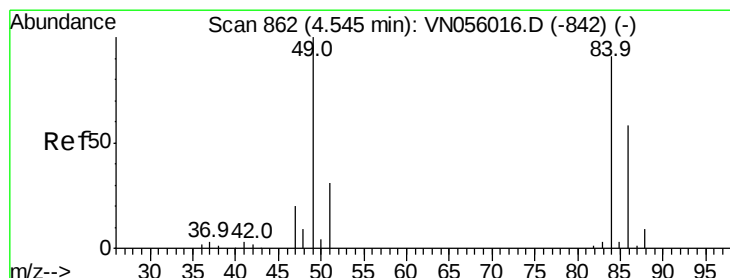
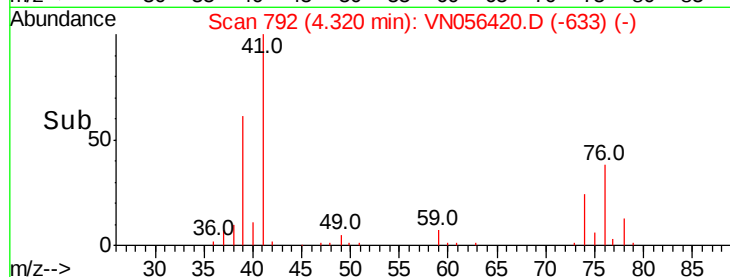
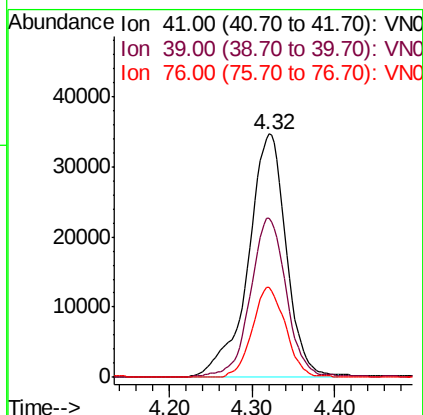
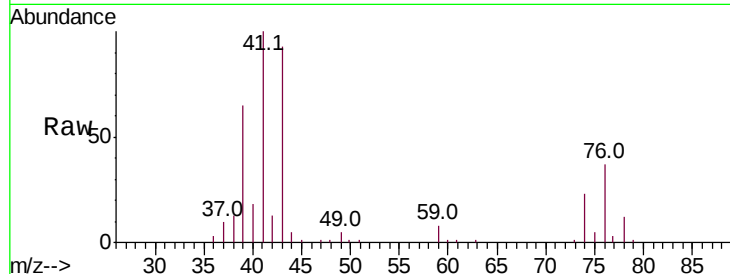




#17
Allvl chloride
Concen: 21.448 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

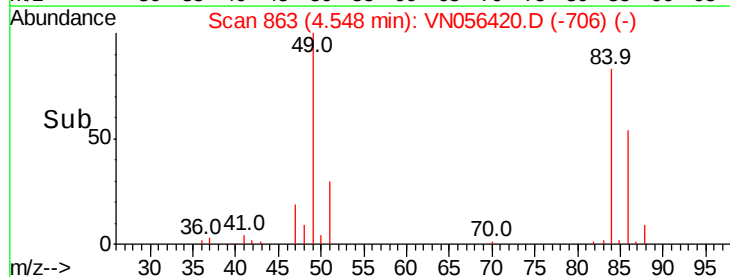
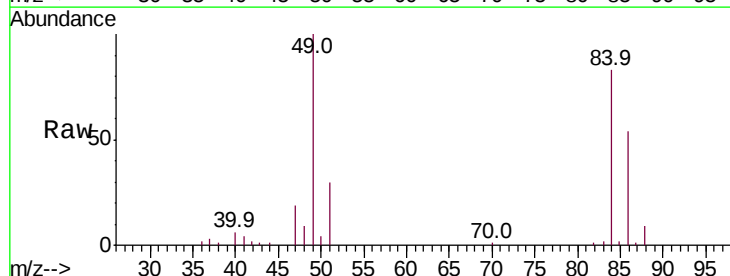
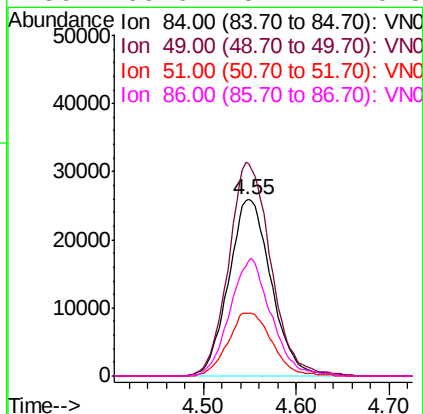
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

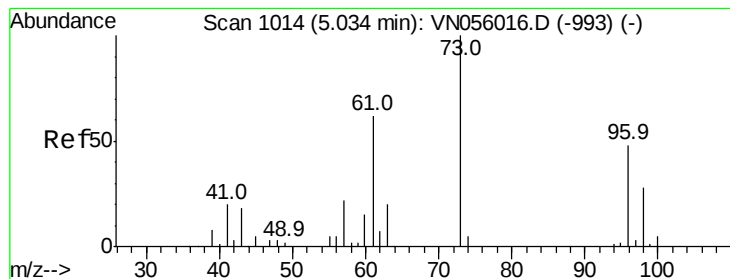
Tot Ion: 41 Resp: 110946
Ion Ratio Lower Upper
41 100
39 65.5 33.0 99.0
76 36.8 18.9 56.9



#18
Methylene Chloride
Concen: 21.426 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 84 Resp: 82810
Ion Ratio Lower Upper
84 100
49 120.3 87.6 131.4
51 35.7 27.0 40.4
86 65.6 51.2 76.8





#19

trans-1,2-Dichloroethene

Concen: 20.055 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

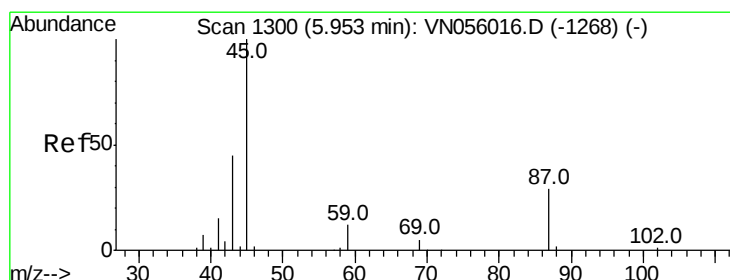
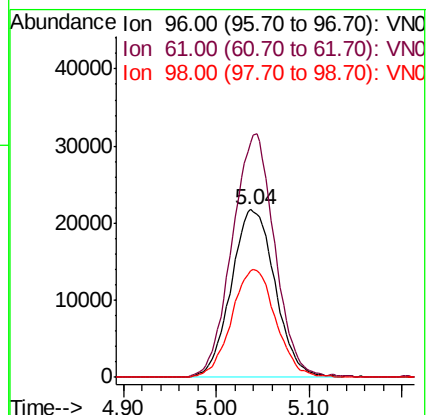
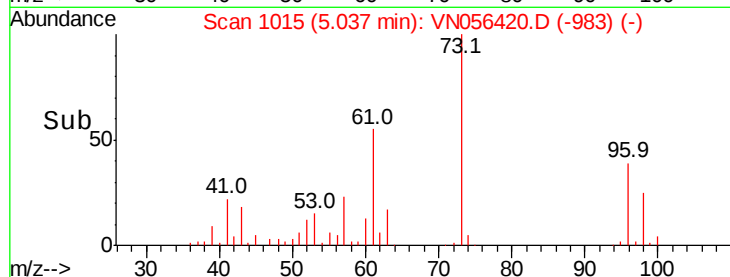
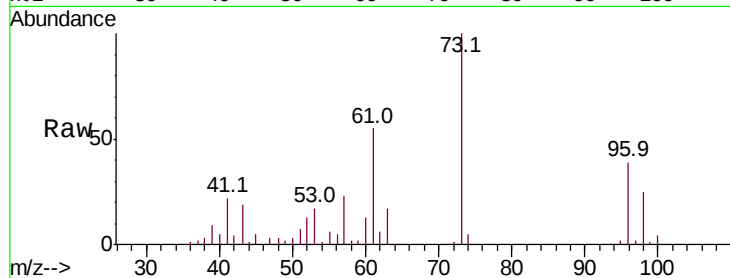
Tot Ion: 96 Resp: 71470

Ion Ratio Lower Upper

96 100

61 139.3 102.5 153.7

98 63.4 46.9 70.3



#20

Diisopropyl ether

Concen: 22.316 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Tgt Ion: 45 Resp: 239164

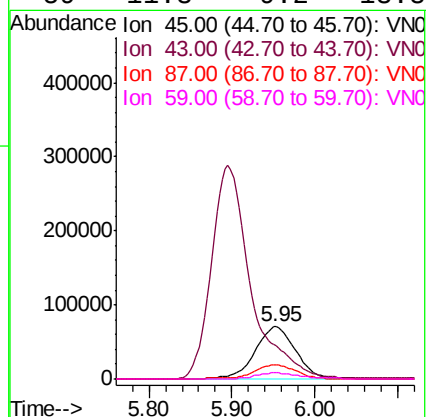
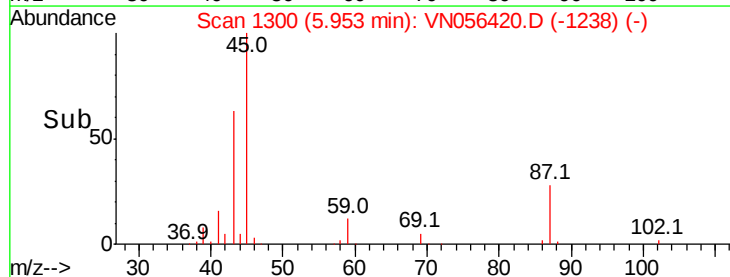
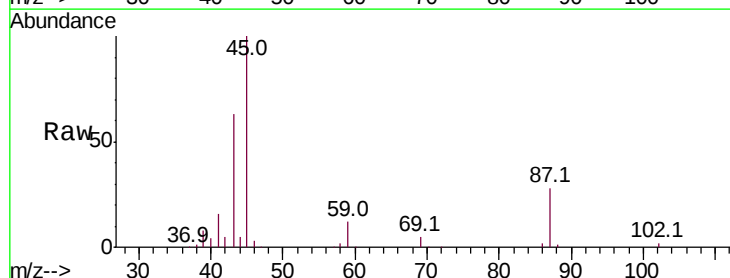
Ion Ratio Lower Upper

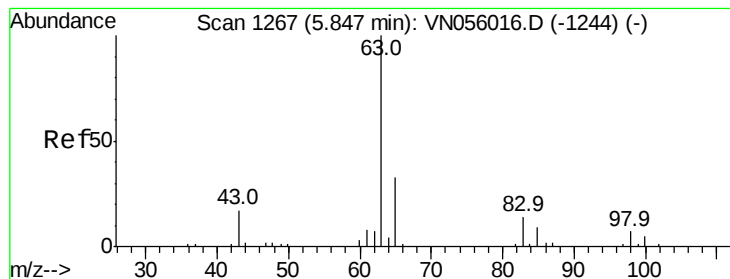
45 100

43 59.8 48.0 72.0

87 27.2 23.4 35.2

59 11.3 9.2 13.8





#21

1,1-Dichloroethane

Concen: 22.132 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

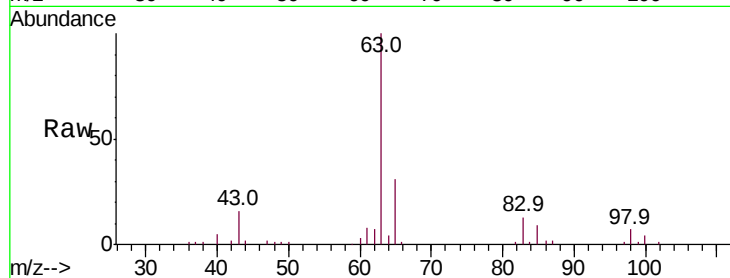
Tot Ion: 63 Resp: 137845

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

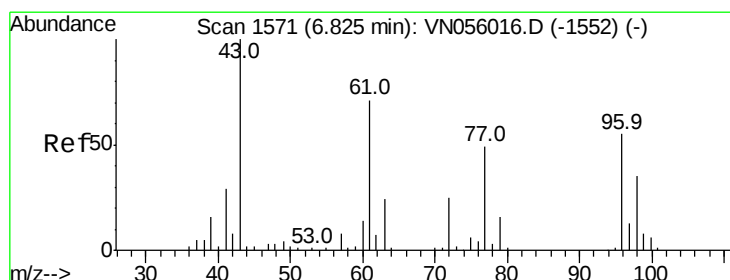
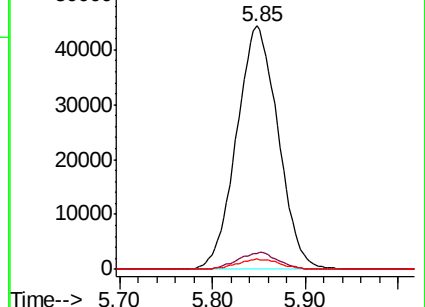
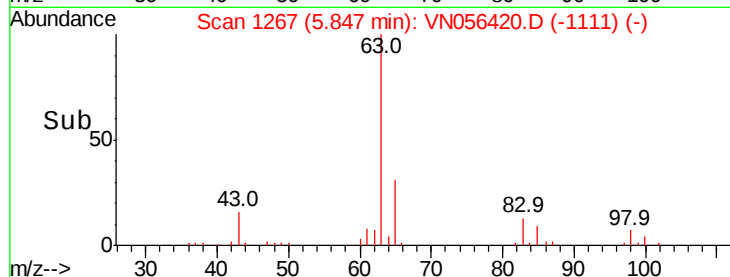
100 4.1 2.3 6.9



Abundance Ion 63.00 (62.70 to 63.70): VN056420.D (-1111) (-)

Ion 98.00 (97.70 to 98.70): VN056420.D (-1111) (-)

Ion 100.00 (99.70 to 100.70): VN056420.D (-1111) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.671 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

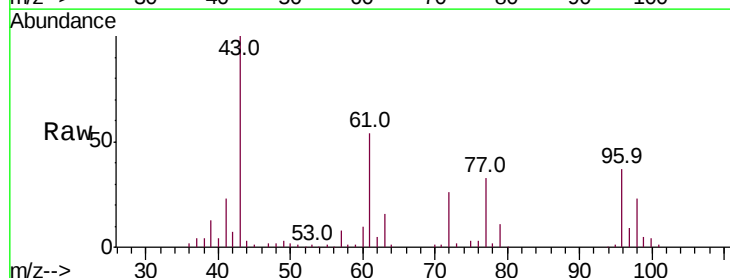
Tgt Ion: 96 Resp: 85979

Ion Ratio Lower Upper

96 100

61 142.4 105.7 158.5

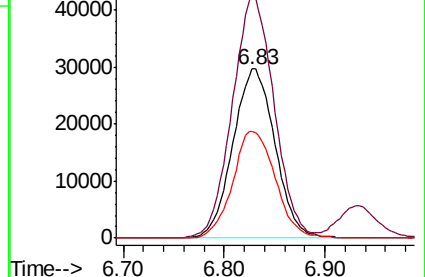
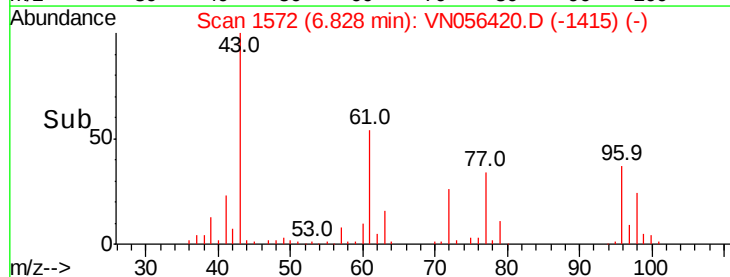
98 63.9 52.0 78.0

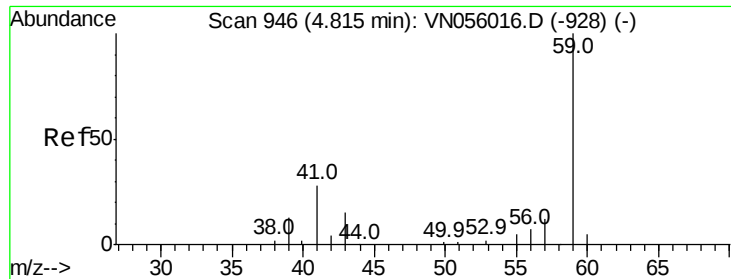


Abundance Ion 96.00 (95.70 to 96.70): VN056420.D (-1415) (-)

Ion 61.00 (60.70 to 61.70): VN056420.D (-1415) (-)

Ion 98.00 (97.70 to 98.70): VN056420.D (-1415) (-)



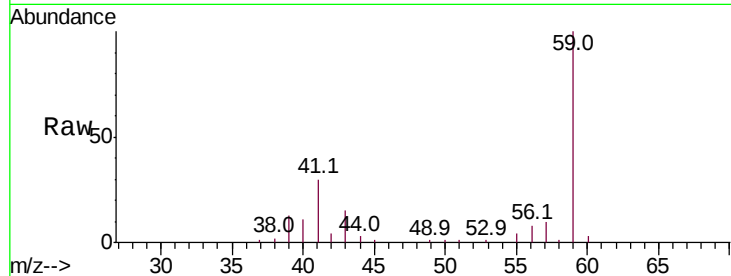


#23

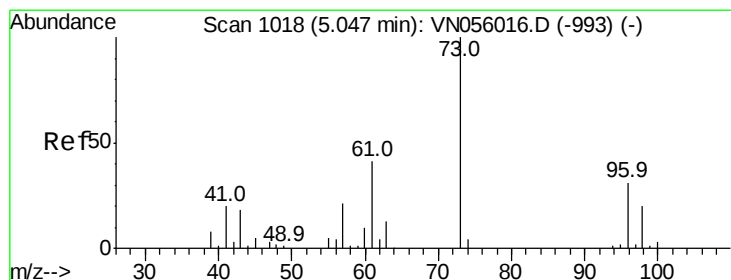
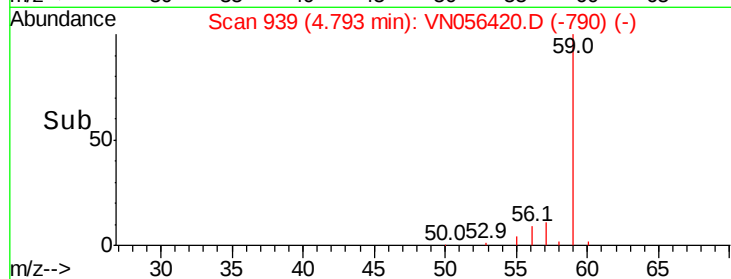
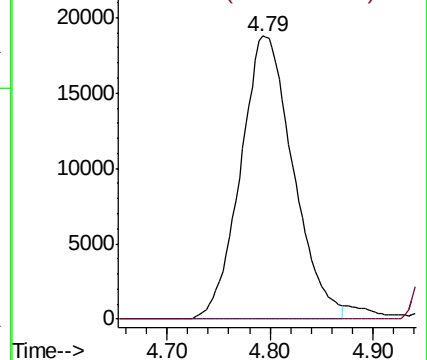
tert-Butyl Alcohol
 Concen: 95.573 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. -0.02 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Tot Ion: 59 Resp: 66555
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



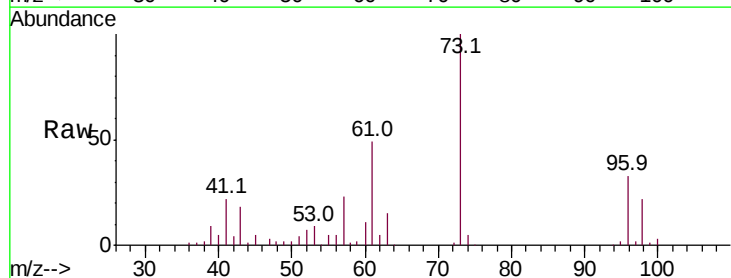
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0



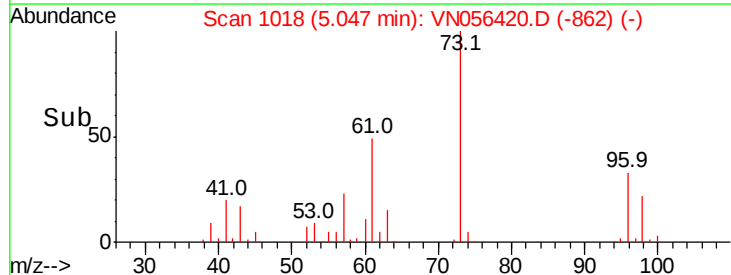
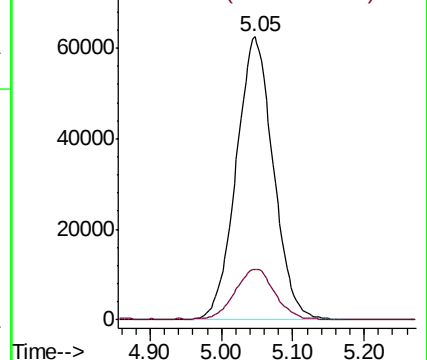
#24

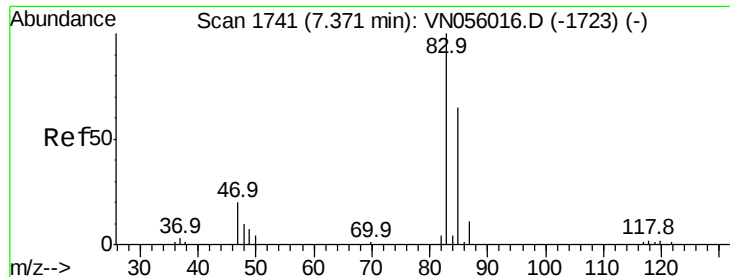
Methyl tert-Butyl Ether
 Concen: 21.246 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Tgt Ion: 73 Resp: 226051
 Ion Ratio Lower Upper
 73 100
 43 10.6 15.4 23.0#



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

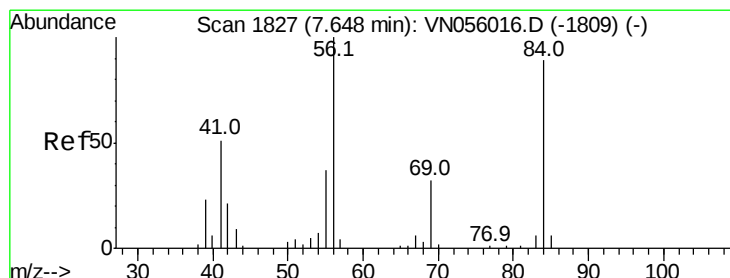
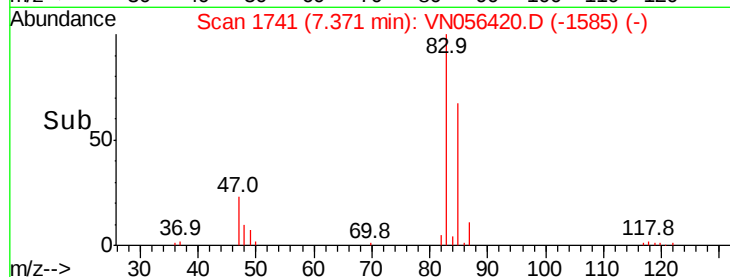
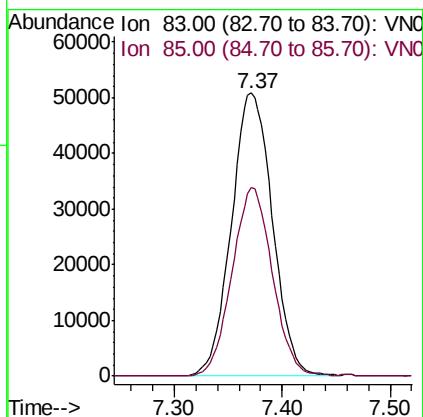
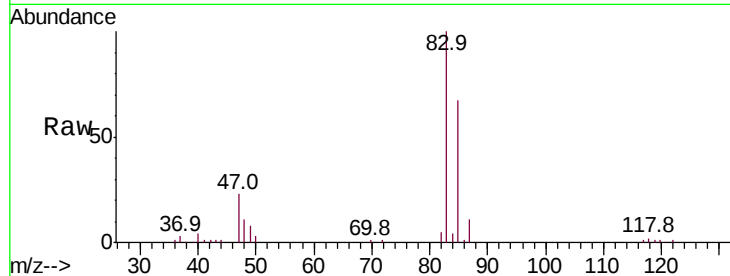




#25
Chloroform
Concen: 21.683 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

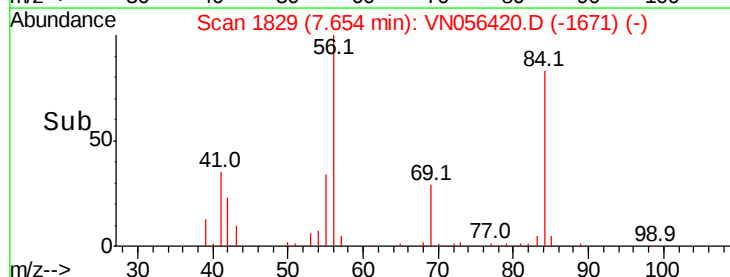
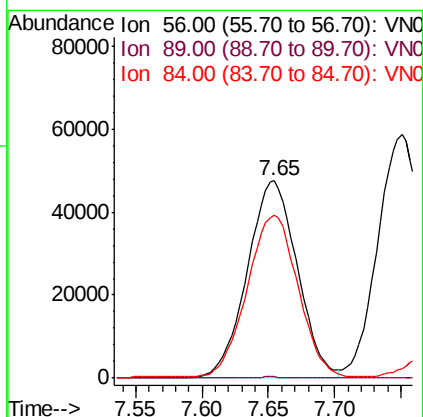
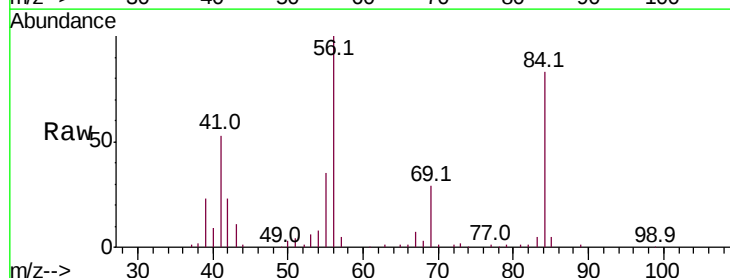
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

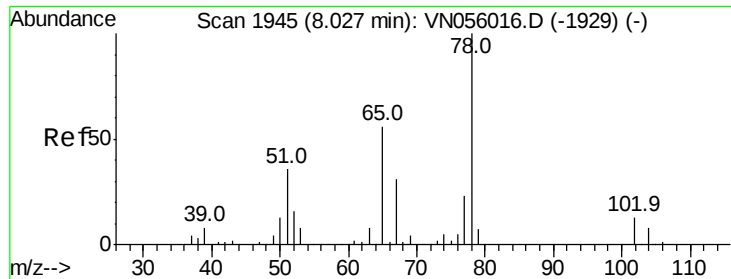
Tot Ion: 83 Resp: 134854
Ion Ratio Lower Upper
83 100
85 66.7 52.0 78.0



#26
Cyclohexane
Concen: 21.579 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 56 Resp: 124688
Ion Ratio Lower Upper
56 100
89 0.3 0.0 0.0#
84 84.6 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 32.405 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

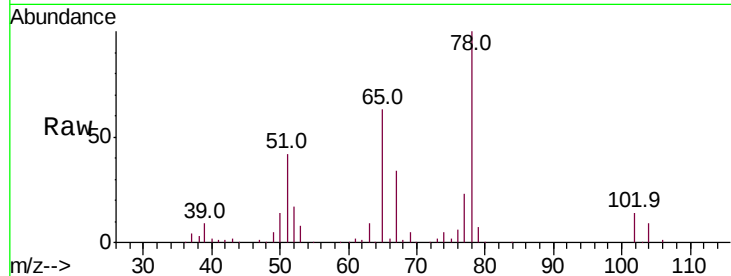
VN0621WBSD01

Tot Ion: 65 Resp: 128704

Ion Ratio Lower Upper

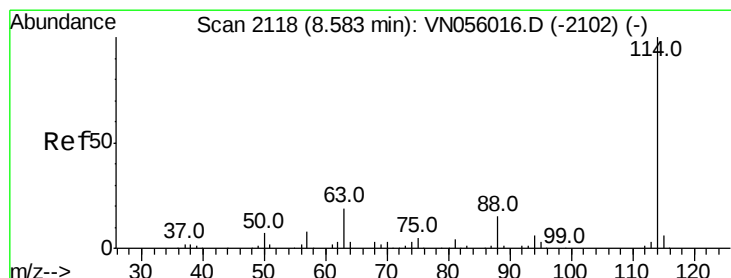
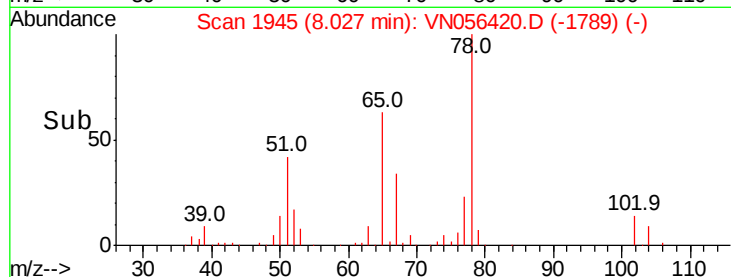
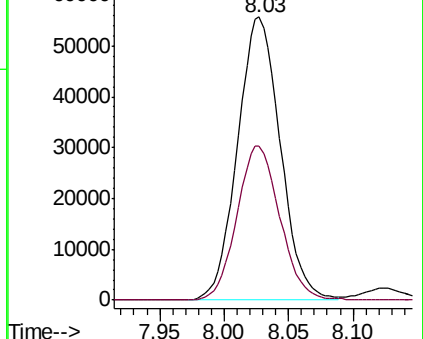
65 100

67 54.7 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

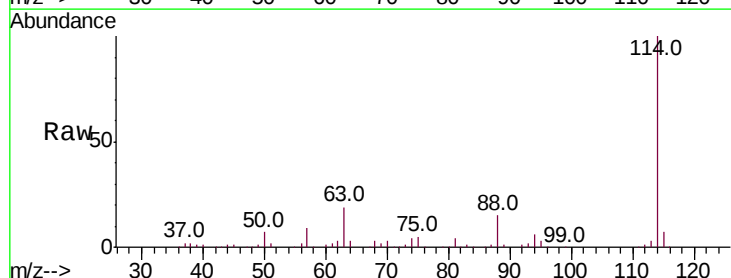
Tgt Ion: 114 Resp: 344611

Ion Ratio Lower Upper

114 100

63 19.5 14.7 22.1

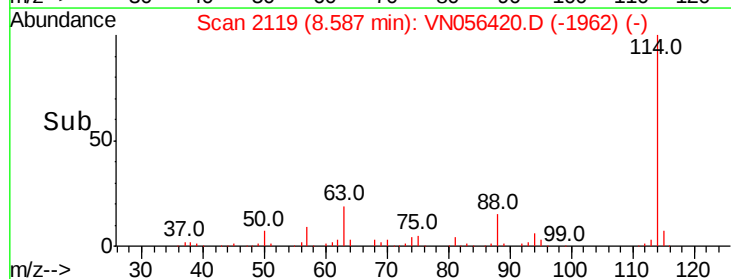
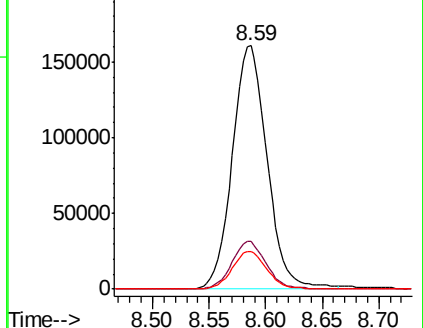
88 15.3 11.9 17.9

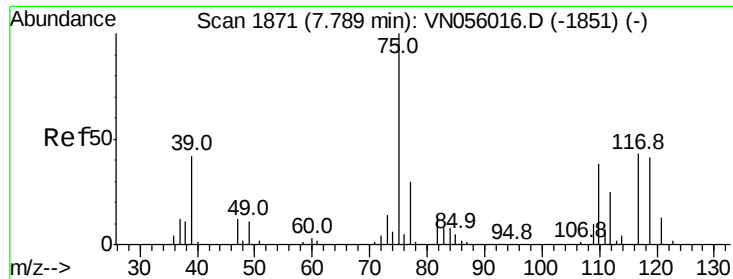


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

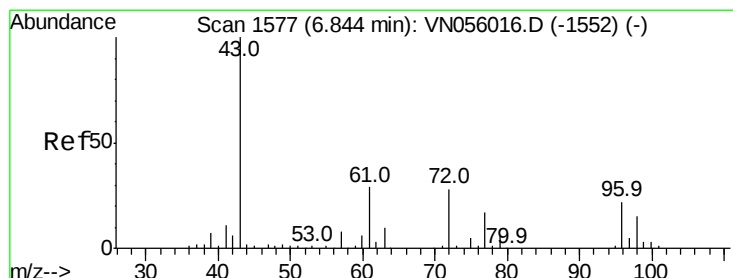
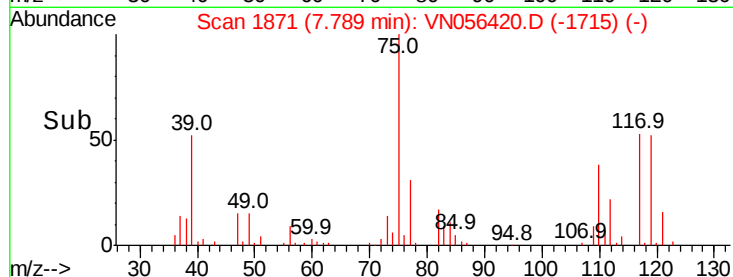
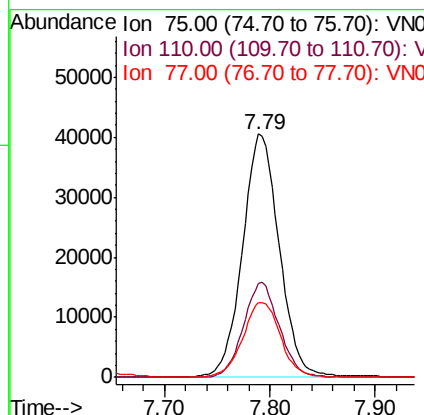
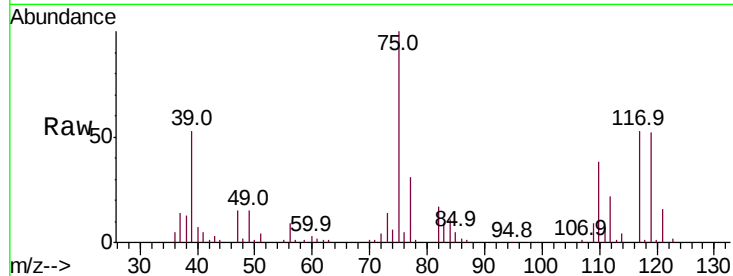




#29
 1,1-Dichloropropene
 Concen: 21.090 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

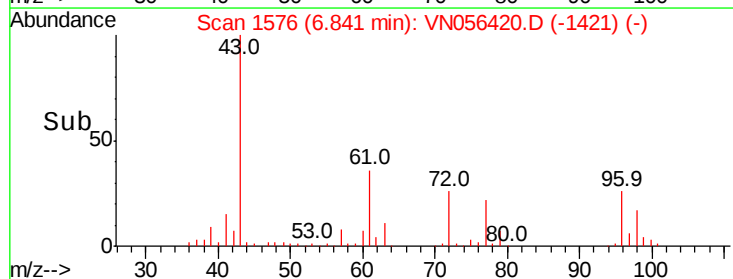
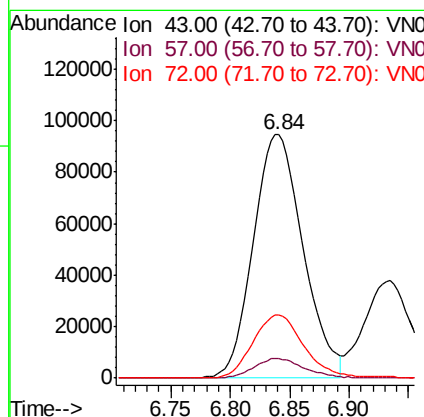
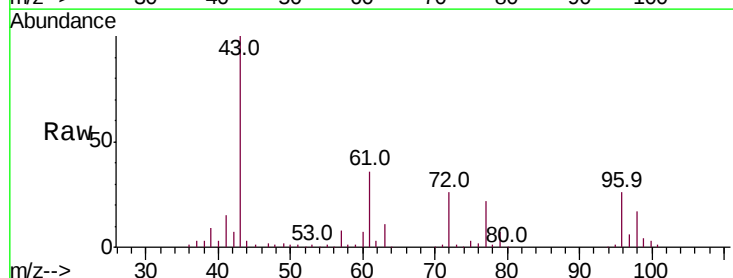
Instrument :
 MSVOA_N
 ClientSampled :
 VN0621WBSD01

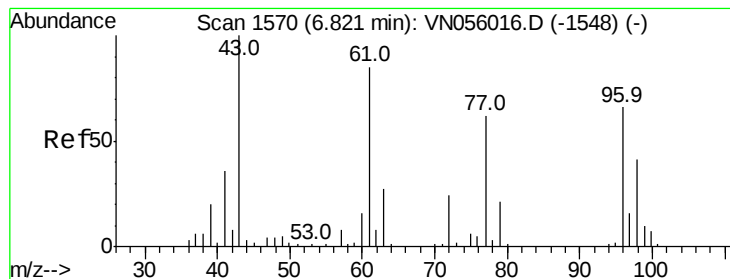
Tot Ion: 75 Resp: 98311
 Ion Ratio Lower Upper
 75 100
 110 37.7 0.0 77.0
 77 31.6 0.0 62.4



#30
 2-Butanone
 Concen: 111.359 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Tgt Ion: 43 Resp: 273278
 Ion Ratio Lower Upper
 43 100
 57 8.2 6.7 10.1
 72 26.6 22.4 33.6





#31

2,2-Dichloropropane

Concen: 20.371 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

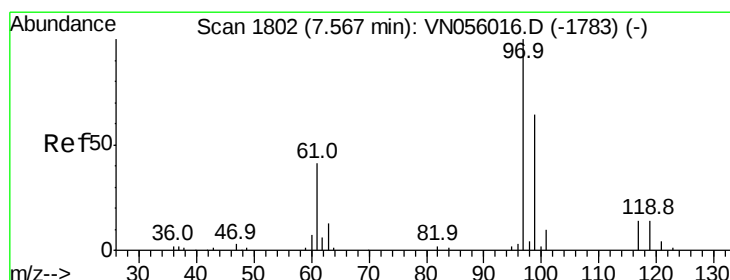
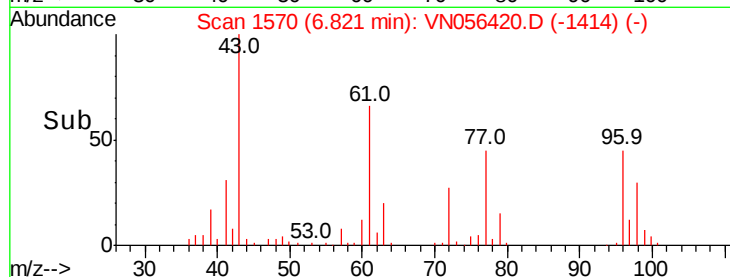
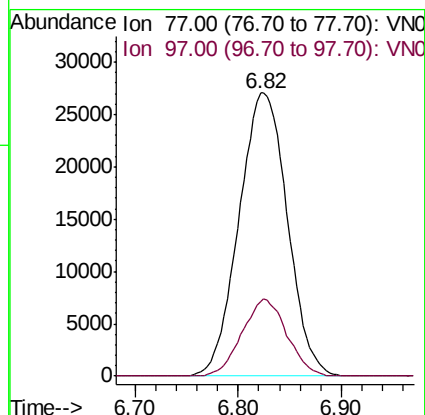
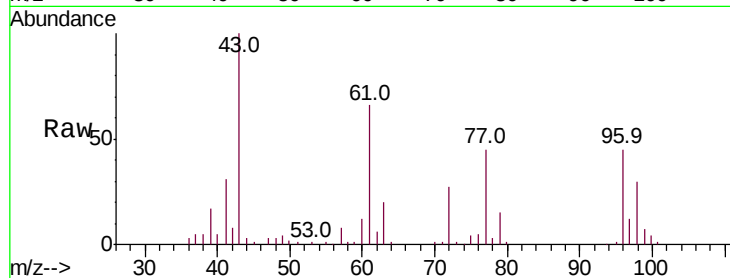
VN0621WBSD01

Tot Ion: 77 Resp: 88336

Ion Ratio Lower Upper

77 100

97 25.1 20.8 31.2



#32

1,1,1-Trichloroethane

Concen: 20.478 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

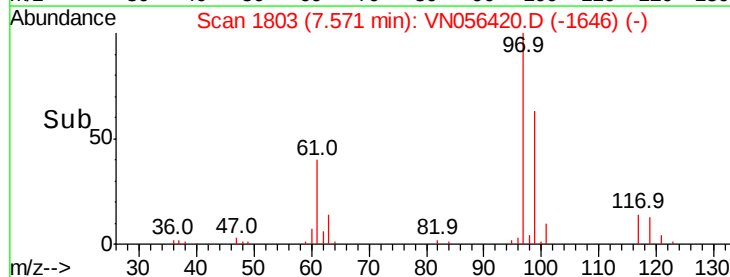
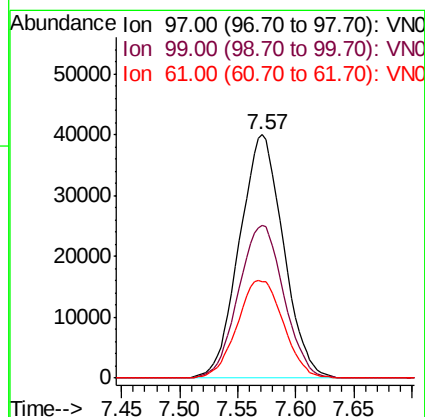
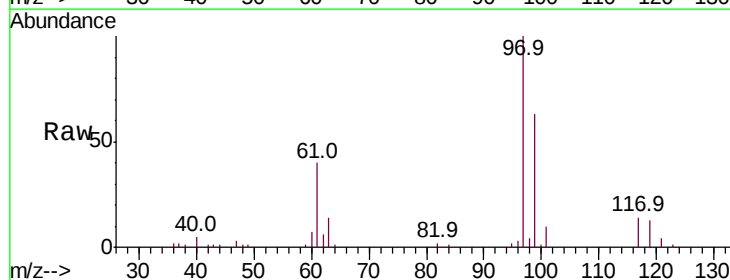
Tgt Ion: 97 Resp: 105468

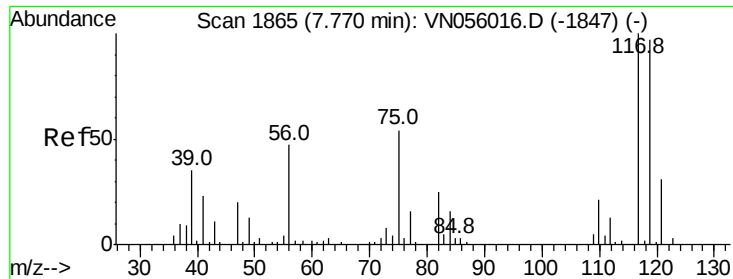
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 42.1 32.9 49.3

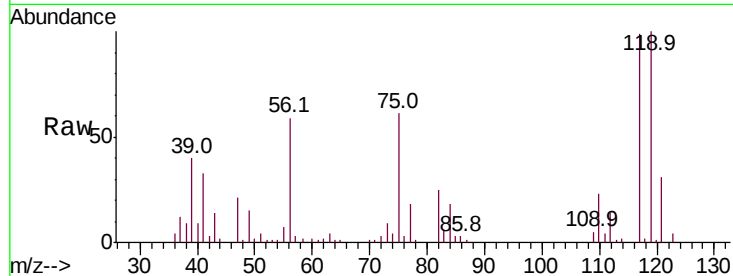




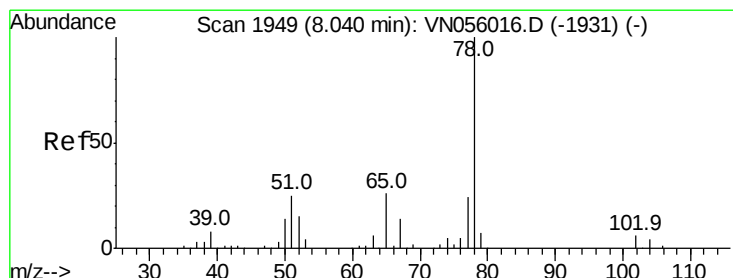
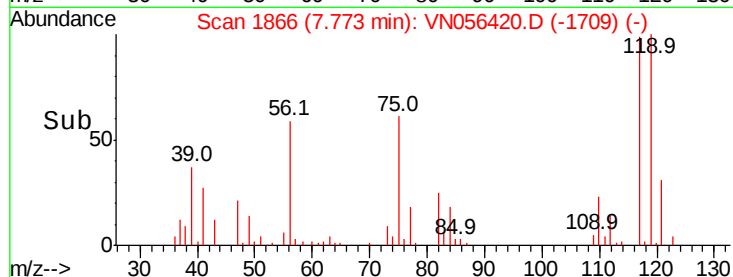
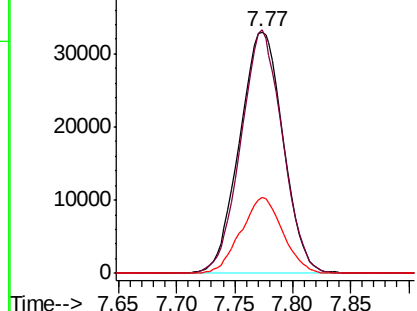
#33
Carbon Tetrachloride
Concen: 19.779 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tot Ion:117 Resp: 86304
Ion Ratio Lower Upper
117 100
119 100.8 77.3 115.9
121 31.3 25.0 37.4

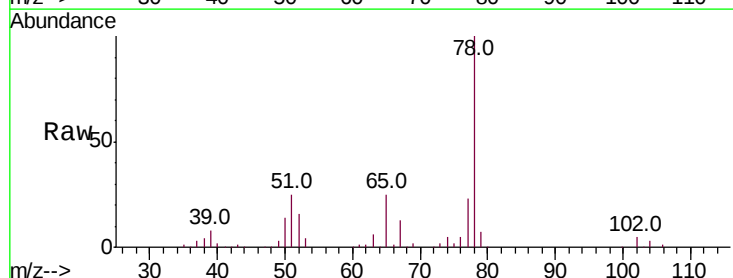


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

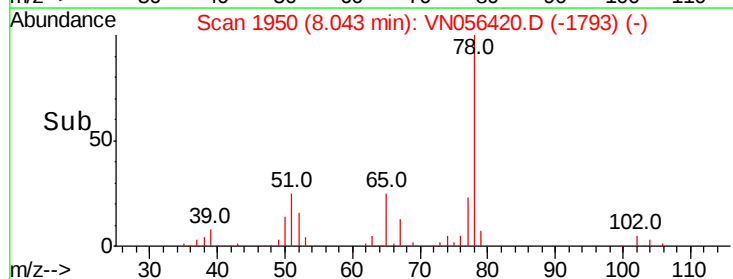
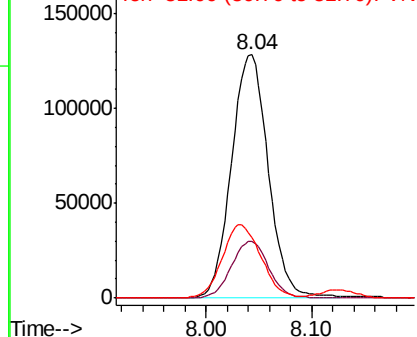


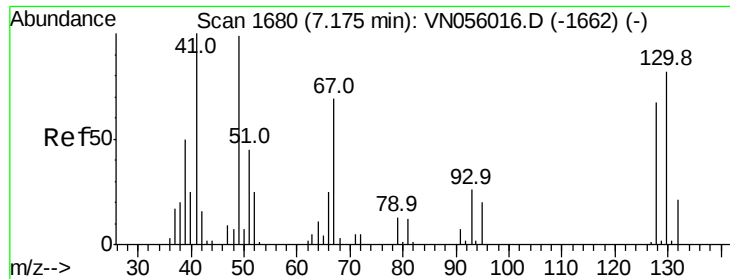
#34
Benzene
Concen: 20.930 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 78 Resp: 310866
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9
51 24.6 19.8 29.8



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

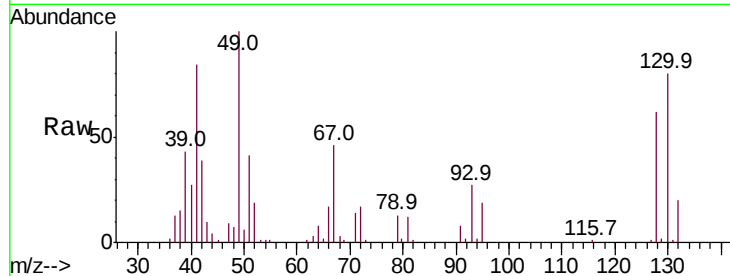




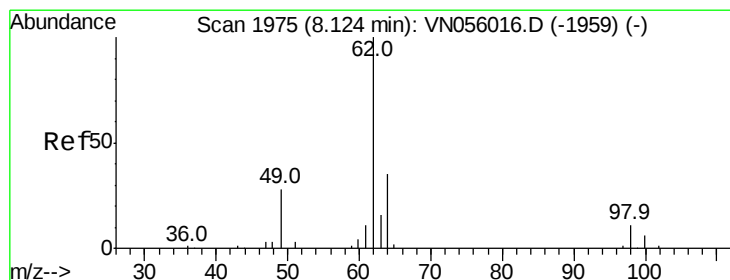
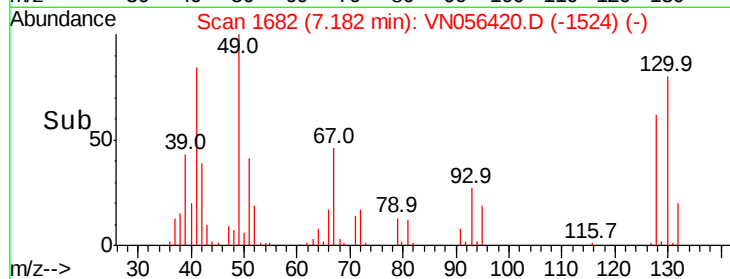
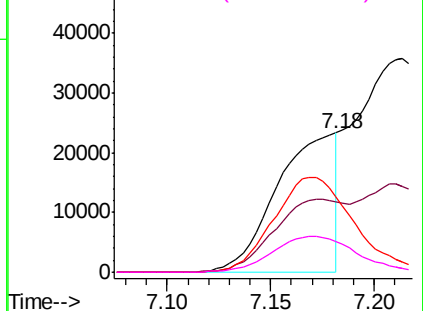
#35
Methacrylonitrile
Concen: 22.556 ug/l m
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Instrument :
MSVOA_N
ClientSampleID :
VN0621WBSD01

Tot Ion: 41 Resp: 46741
Ion Ratio Lower Upper
41 100
39 50.8 24.8 74.3
67 54.3 34.3 102.9
52 22.4 12.6 37.8

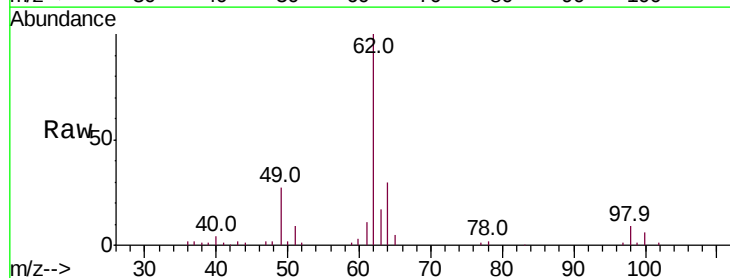


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

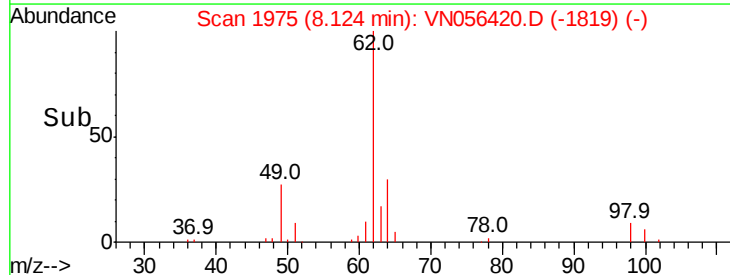
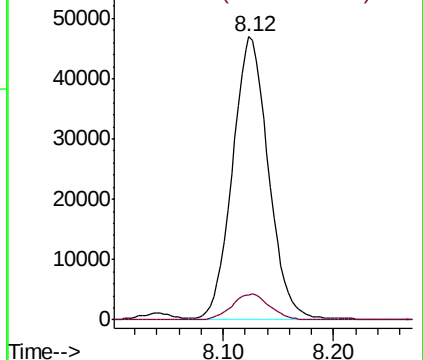


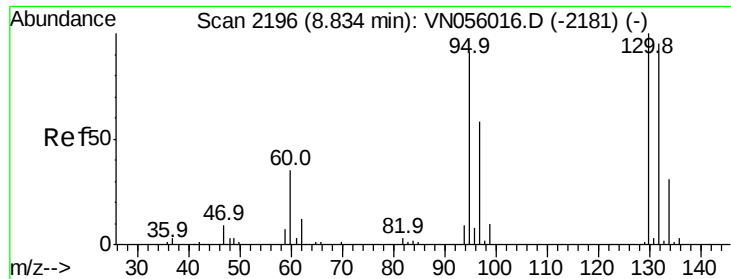
#36
1,2-Dichloroethane
Concen: 22.853 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 62 Resp: 106316
Ion Ratio Lower Upper
62 100
98 9.4 8.6 13.0



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

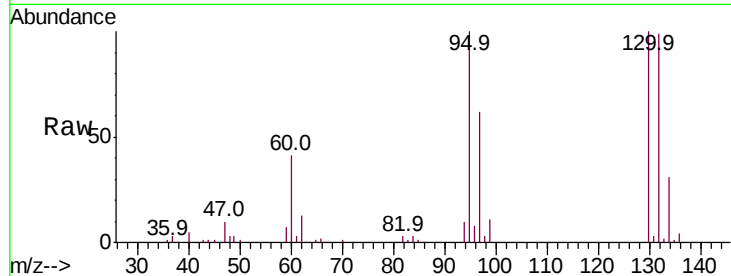




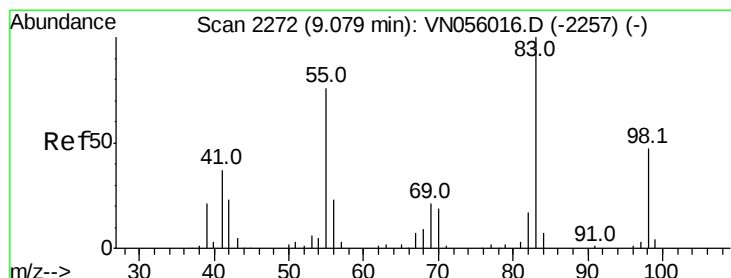
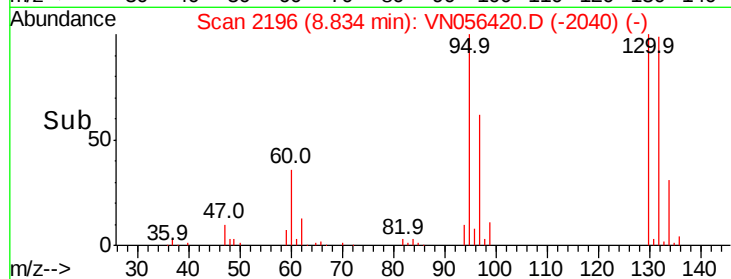
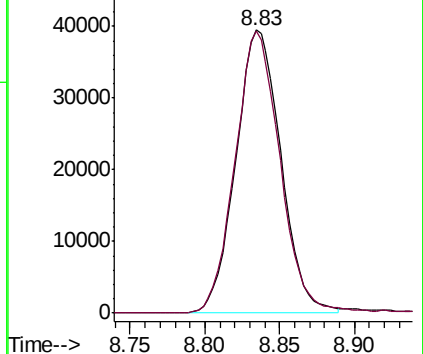
#37
 Trichloroethene
 Concen: 19.959 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Tot Ion:130 Resp: 82950
 Ion Ratio Lower Upper
 130 100
 95 99.6 73.0 109.6

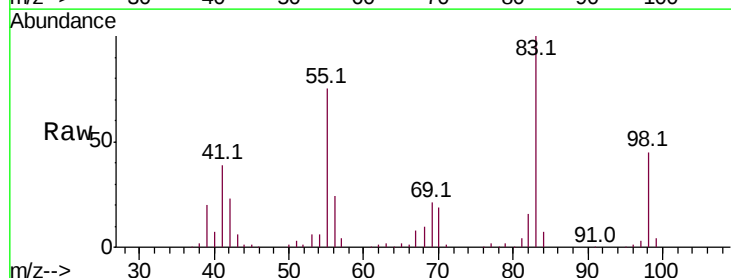


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

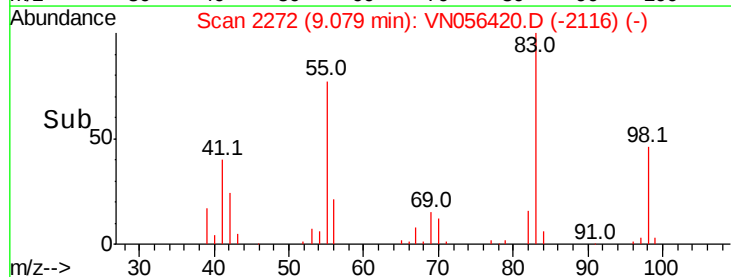
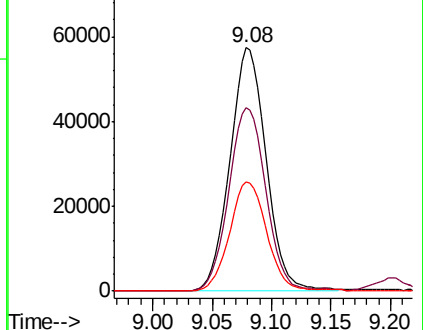


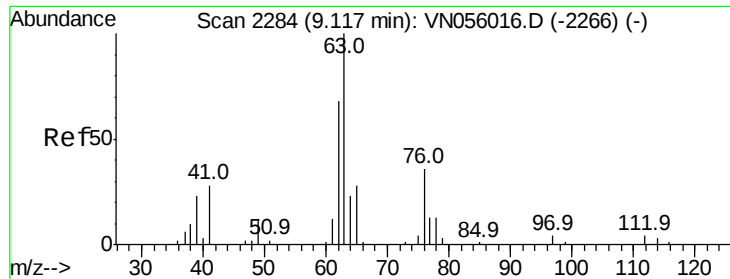
#38
 Methylcyclohexane
 Concen: 20.526 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Tgt Ion: 83 Resp: 121299
 Ion Ratio Lower Upper
 83 100
 55 76.8 37.5 112.7
 98 45.8 23.1 69.3



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





#39

1,2-Dichloropropane

Concen: 22.023 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

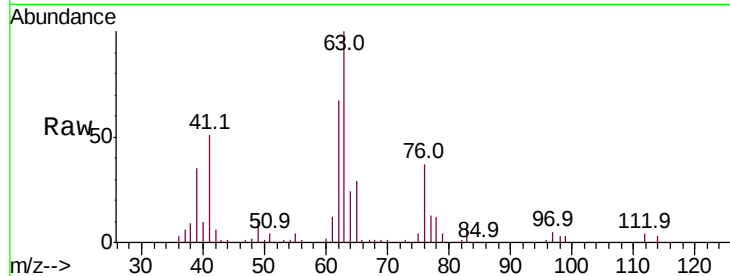
VN0621WBSD01

Tot Ion: 63 Resp: 83775

Ion Ratio Lower Upper

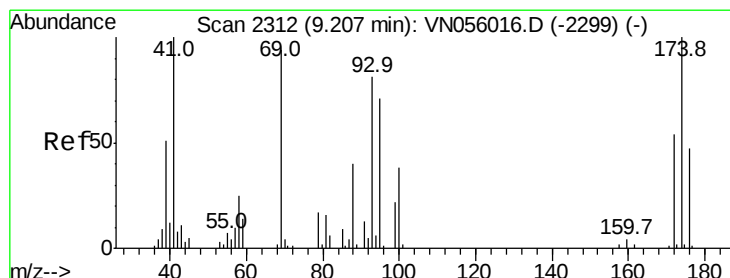
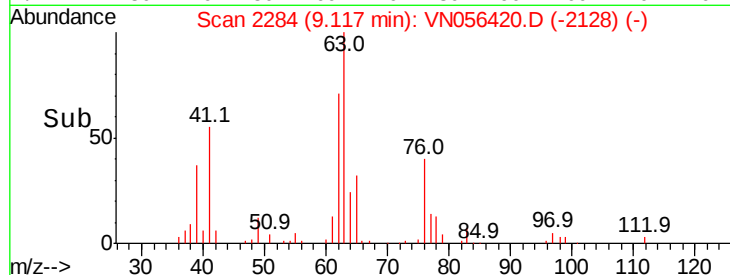
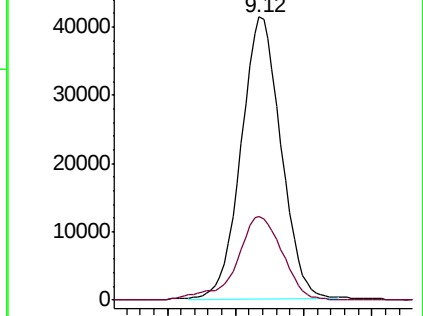
63 100

65 29.6 23.1 34.7



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 21.045 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

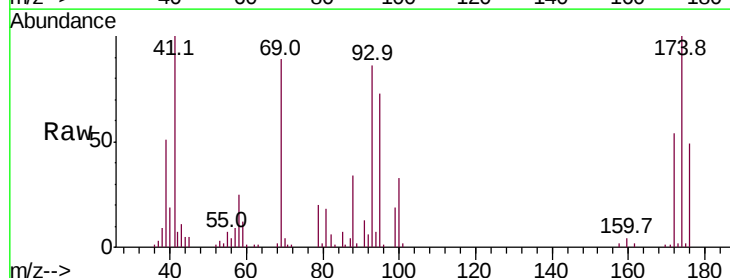
Tgt Ion: 93 Resp: 53079

Ion Ratio Lower Upper

93 100

95 85.6 0.0 169.0

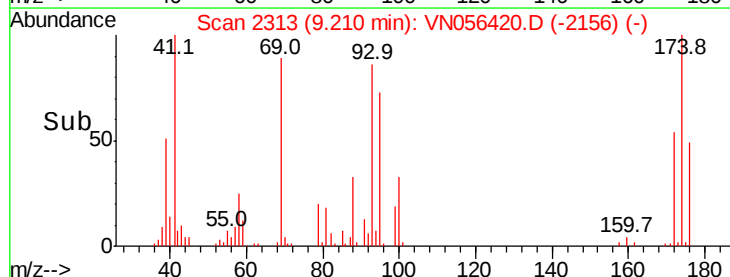
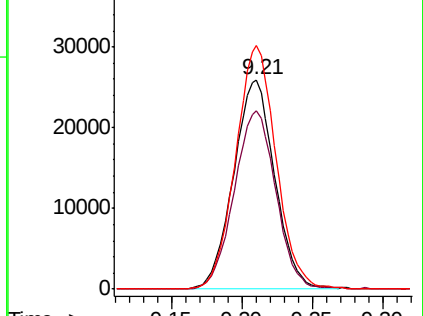
174 114.3 0.0 246.4

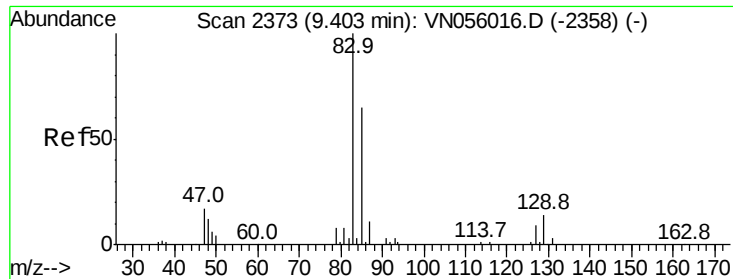


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.733 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

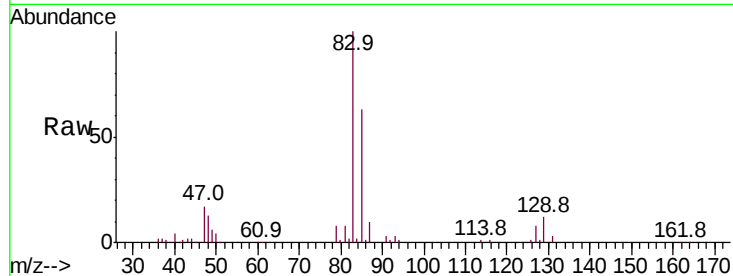
Tot Ion: 83 Resp: 93638

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

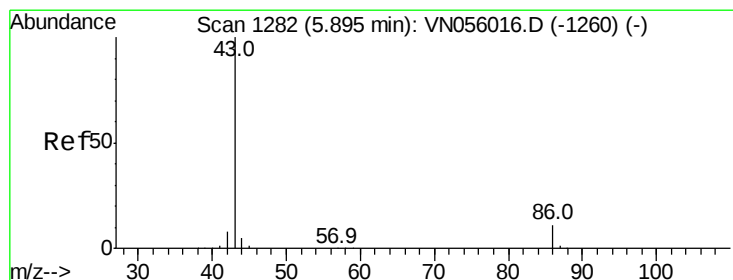
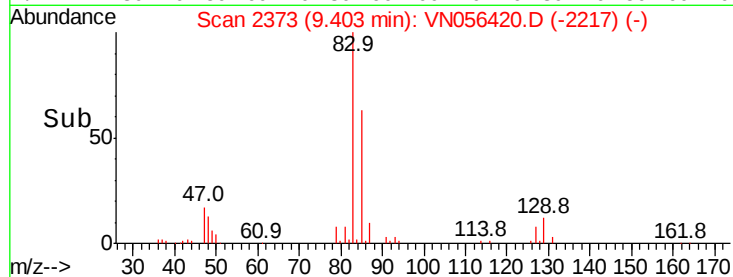
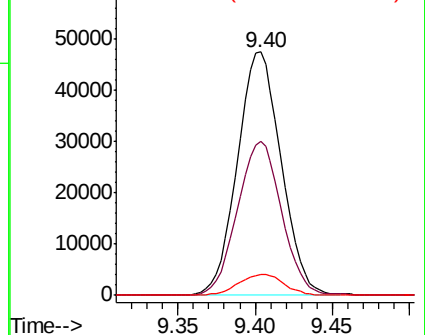
127 8.4 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 109.321 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056420.D

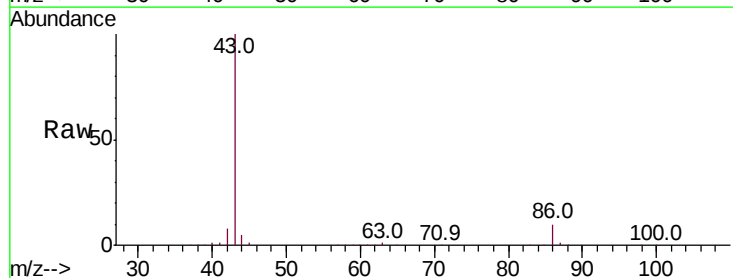
Acq: 21 Jun 2019 12:55

Tgt Ion: 43 Resp: 956439

Ion Ratio Lower Upper

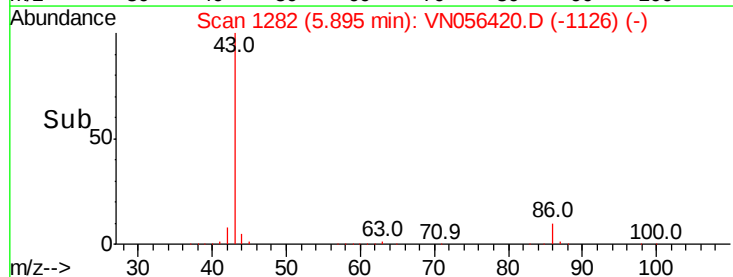
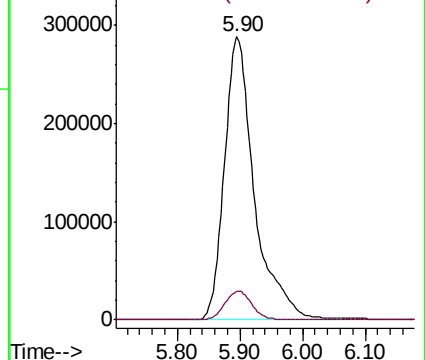
43 100

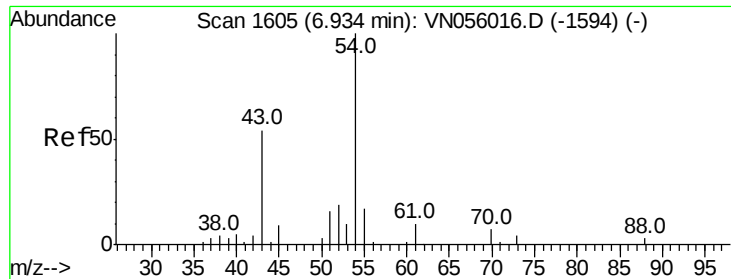
86 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

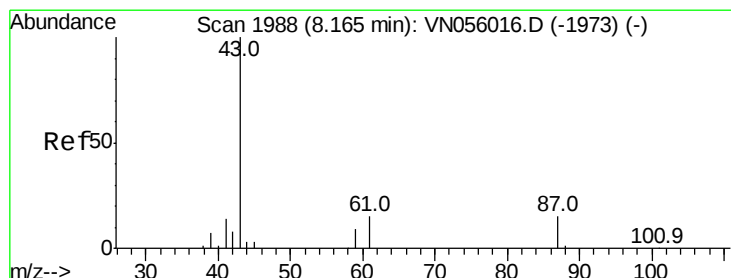
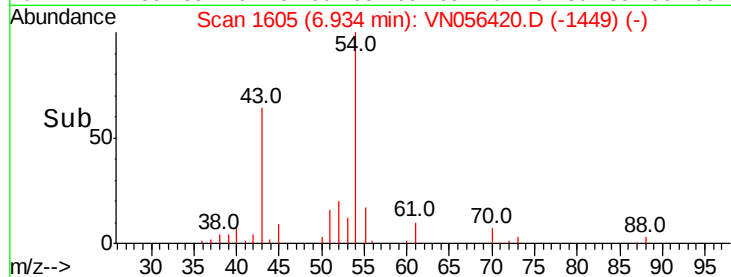
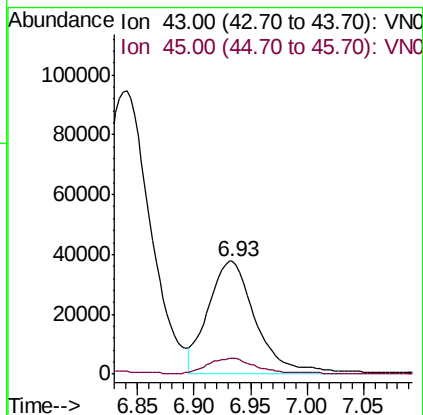
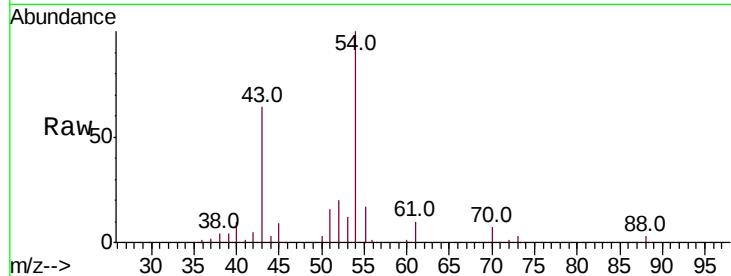




#43
Ethyl Acetate
Concen: 23.185 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

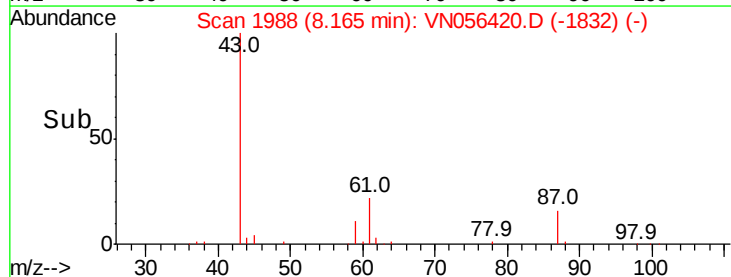
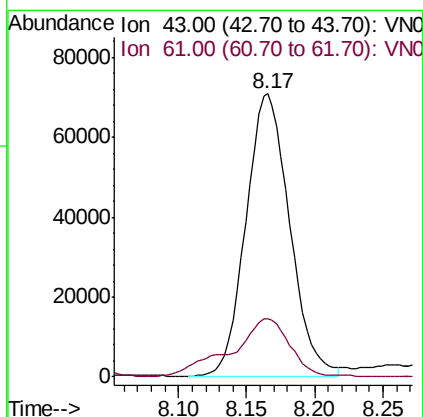
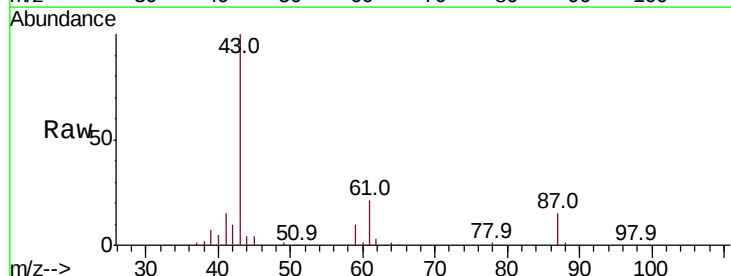
Instrument :
MSVOA_N
ClientSampled :
VN0621WBSD01

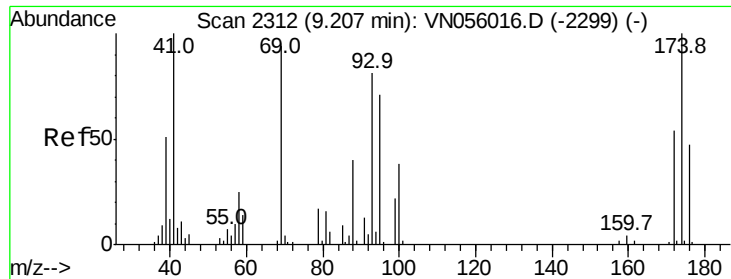
Tot Ion: 43 Resp: 108892
Ion Ratio Lower Upper
43 100
45 13.1 12.3 18.5



#44
Isopropyl Acetate
Concen: 21.492 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 43 Resp: 156721
Ion Ratio Lower Upper
43 100
61 28.0 16.9 25.3#

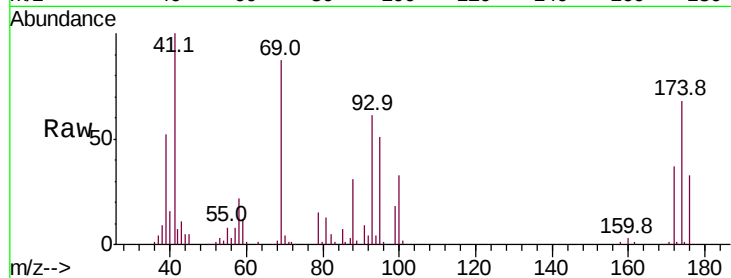




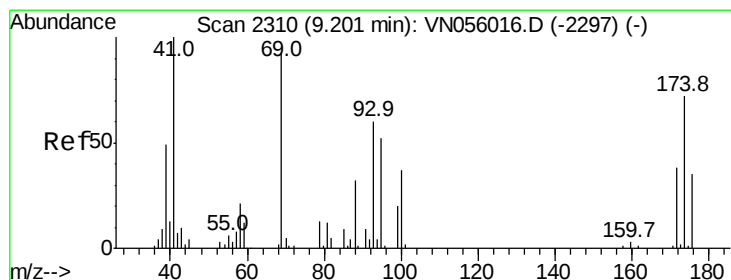
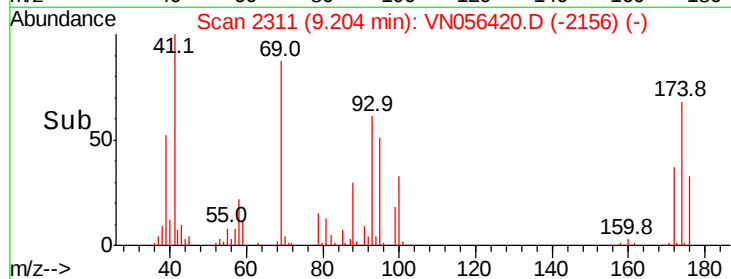
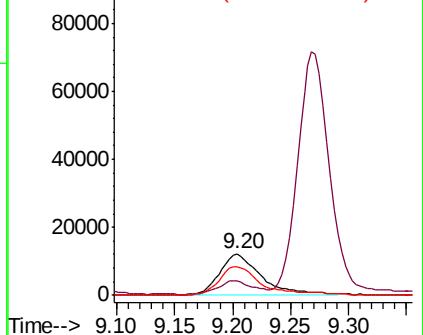
#45
 1,4-Dioxane
 Concen: 389.411 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Tot Ion: 88 Resp: 30377
 Ion Ratio Lower Upper
 88 100
 43 27.8 19.8 29.6
 58 67.4 48.5 72.7

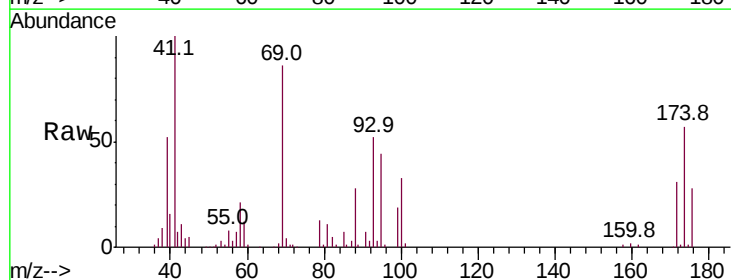


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

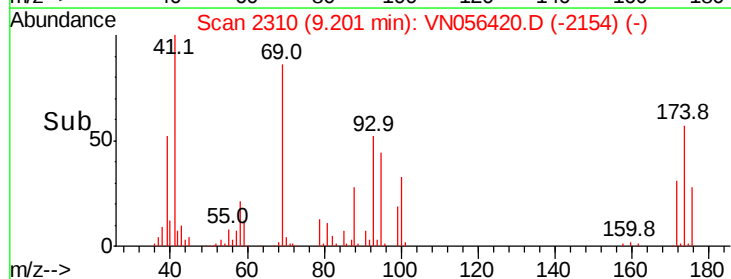
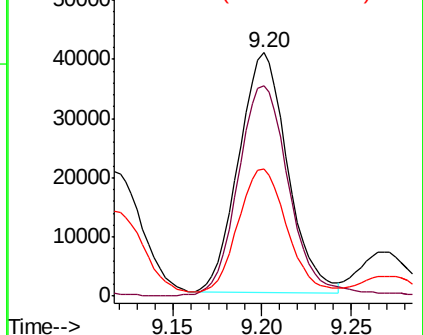


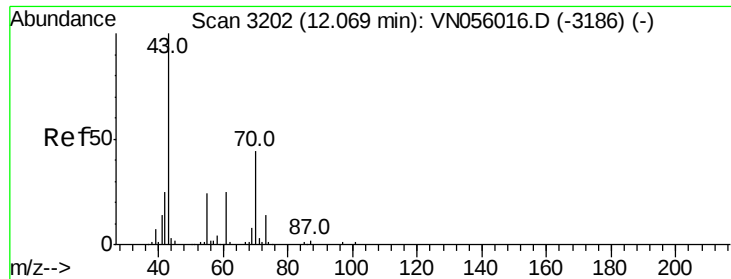
#46
 Methyl methacrylate
 Concen: 21.411 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Tgt Ion: 41 Resp: 77563
 Ion Ratio Lower Upper
 41 100
 69 87.5 46.0 137.8
 39 51.3 24.6 73.8



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





#47

n-amvl Acetate

Concen: 20.559 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

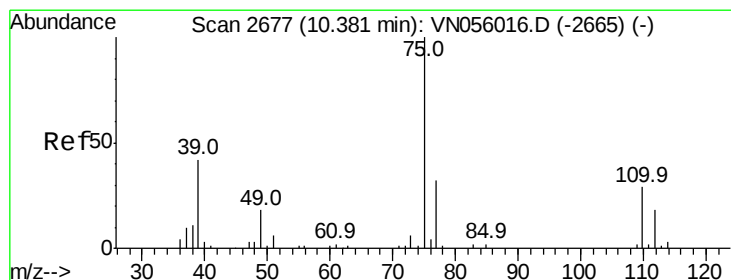
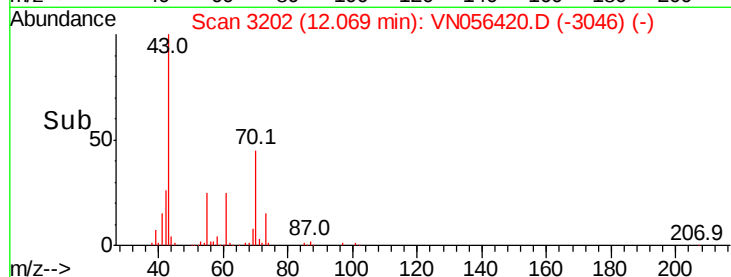
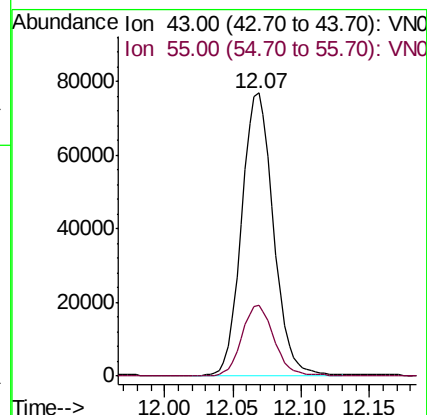
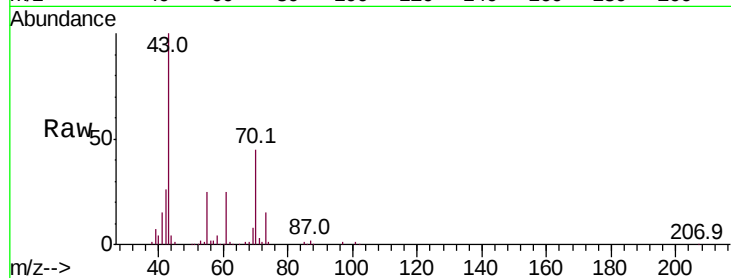
VN0621WBSD01

Tot Ion: 43 Resp: 123980

Ion Ratio Lower Upper

43 100

55 25.9 19.0 28.6



#48

t-1,3-Dichloropropene

Concen: 19.669 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056420.D

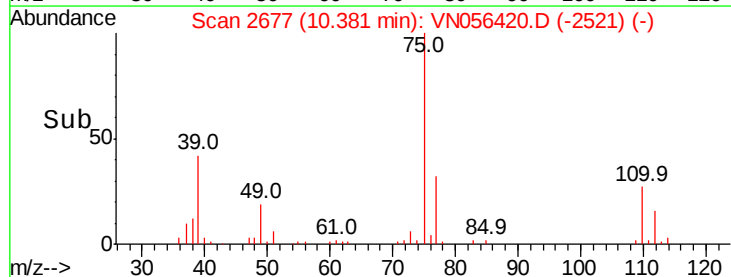
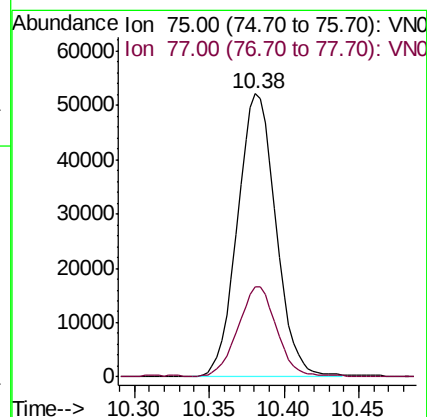
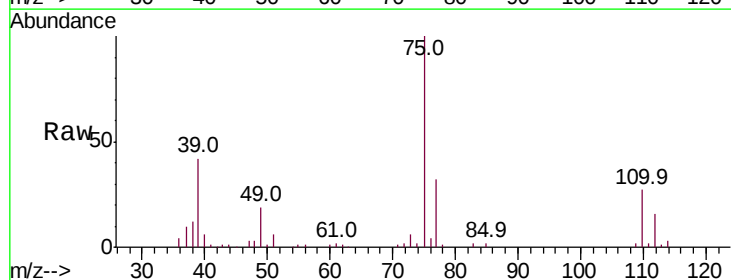
Acq: 21 Jun 2019 12:55

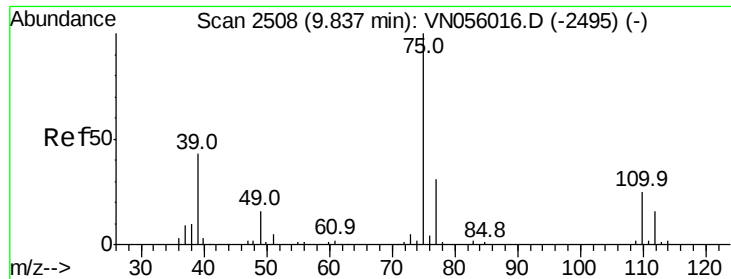
Tgt Ion: 75 Resp: 93485

Ion Ratio Lower Upper

75 100

77 31.5 26.0 39.0

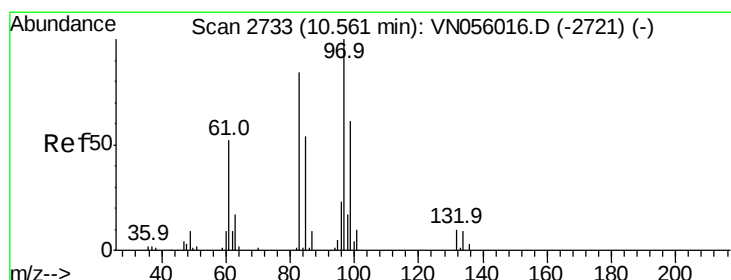
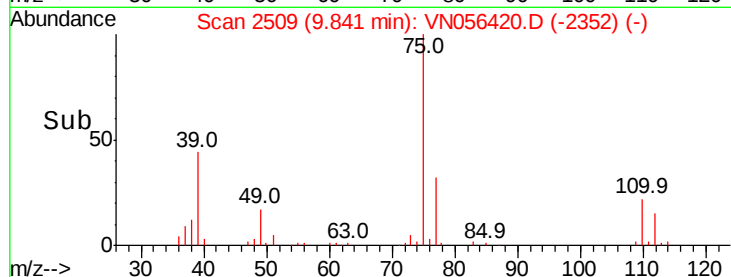
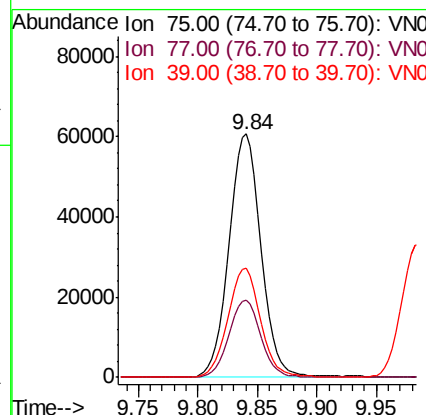
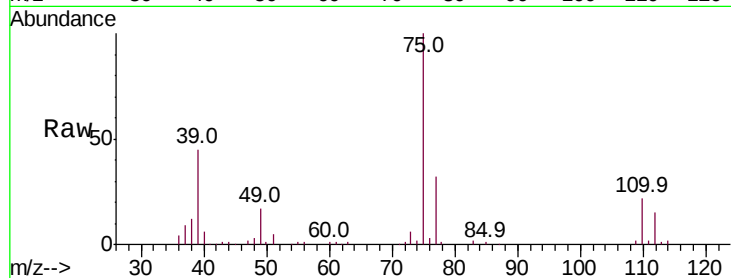




#49
 cis-1,3-Dichloropropene
 Concen: 20.355 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

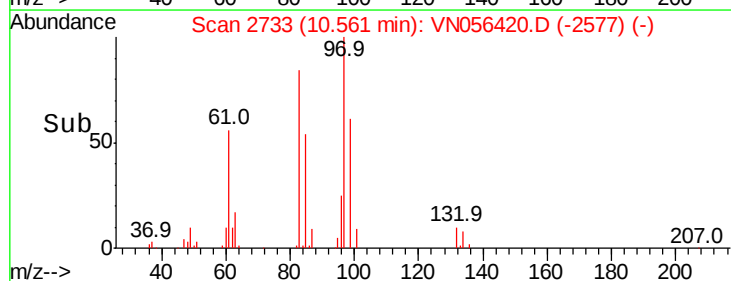
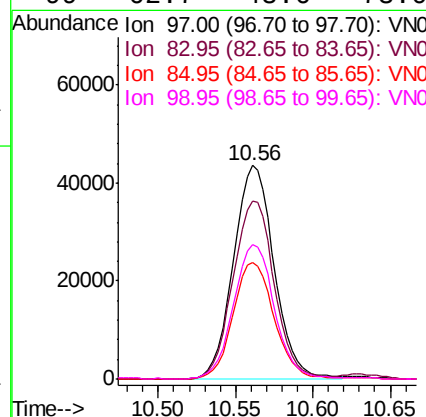
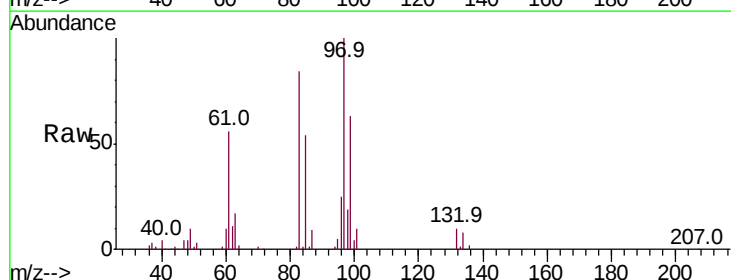
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

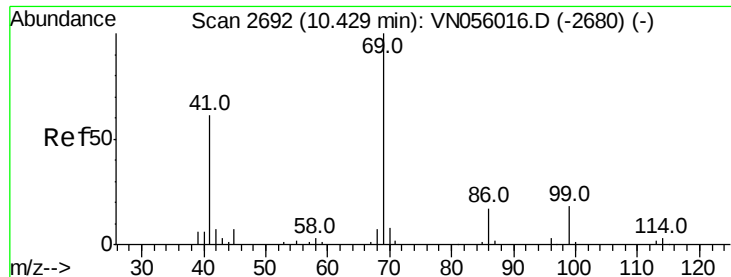
Tot Ion: 75 Resp: 113286
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7
 39 44.7 34.3 51.5



#50
 1,1,2-Trichloroethane
 Concen: 21.240 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Tgt Ion: 97 Resp: 79569
 Ion Ratio Lower Upper
 97 100
 83 83.1 66.9 100.3
 85 54.5 43.3 64.9
 99 62.7 48.6 73.0





#51

Ethyl methacrylate

Concen: 21.011 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

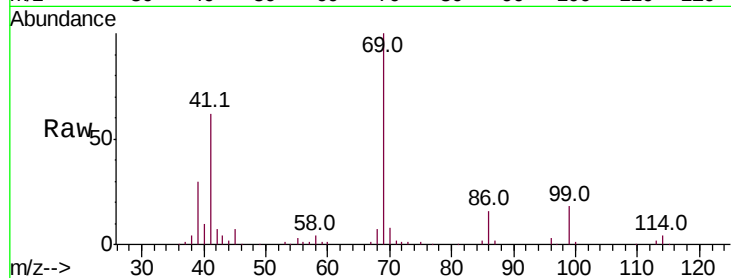
Tot Ion: 69 Resp: 119079

Ion Ratio Lower Upper

69 100

41 61.5 30.8 92.3

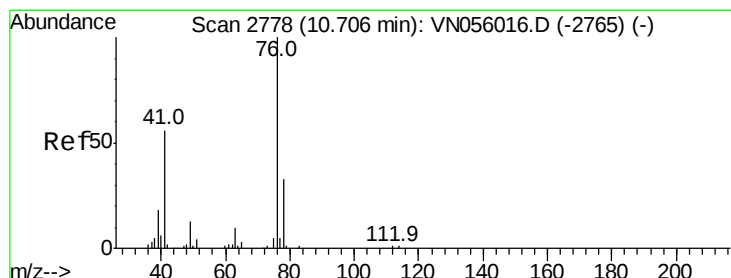
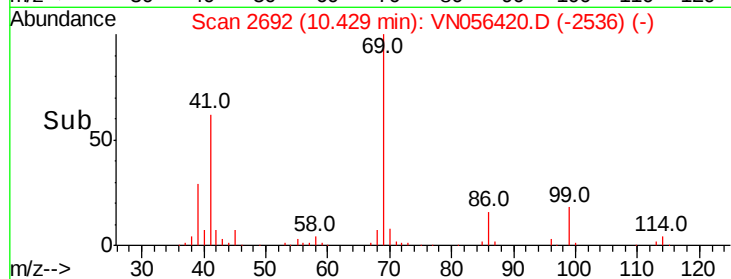
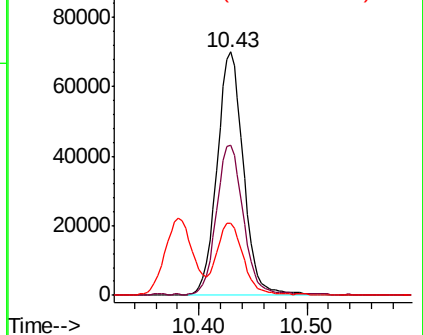
39 29.3 14.5 43.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 21.656 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056420.D

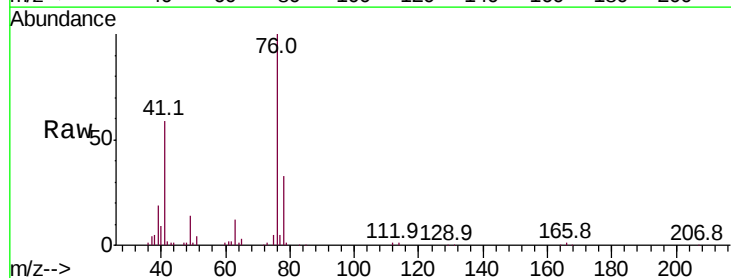
Acq: 21 Jun 2019 12:55

Tgt Ion: 76 Resp: 131523

Ion Ratio Lower Upper

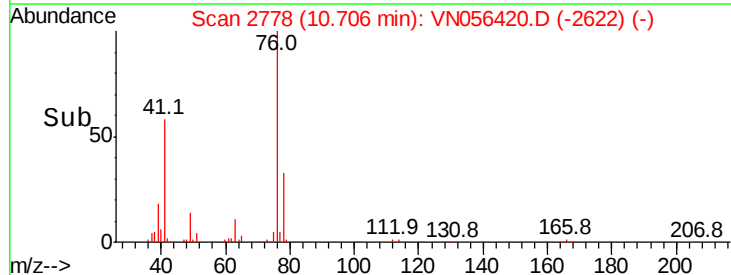
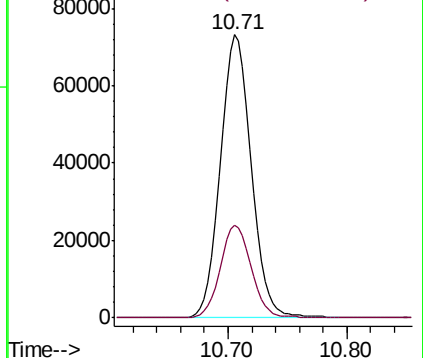
76 100

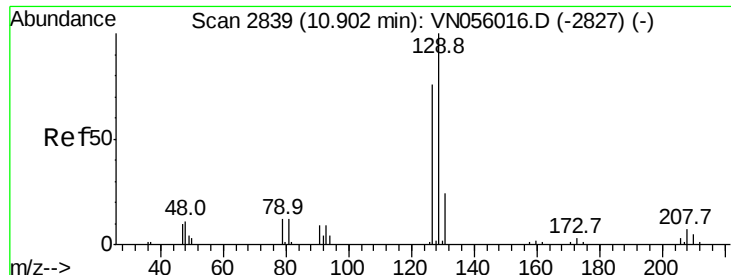
78 32.9 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.198 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

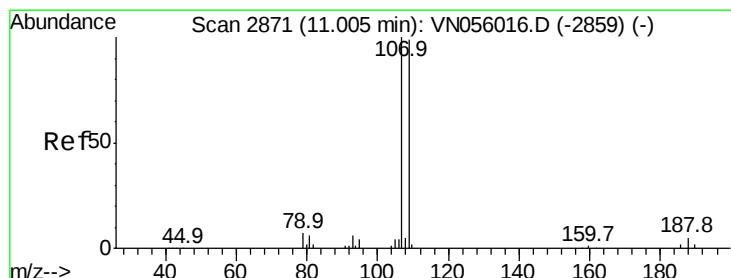
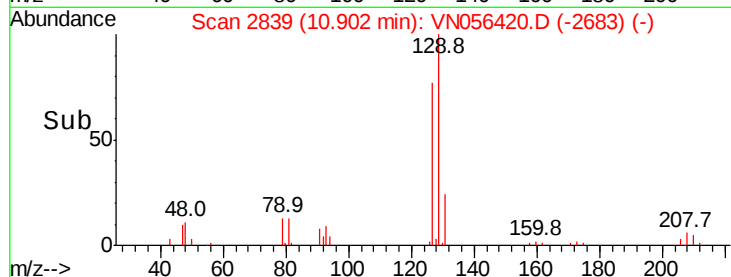
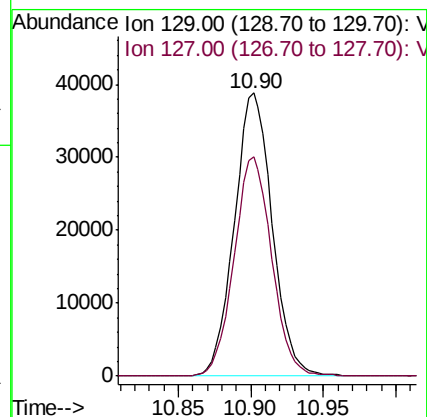
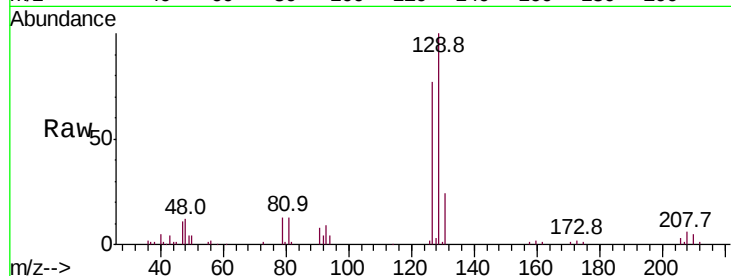
VN0621WBSD01

Tot Ion:129 Resp: 70401

Ion Ratio Lower Upper

129 100

127 76.8 39.1 117.5



#54

1,2-Dibromoethane

Concen: 20.855 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056420.D

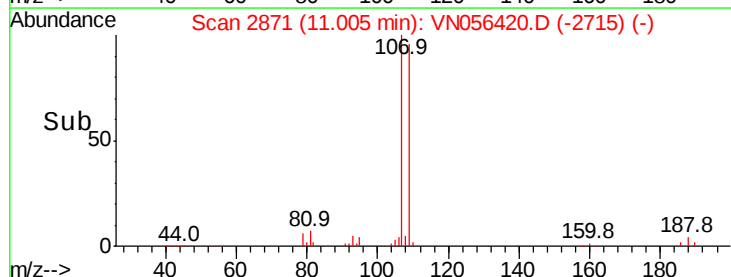
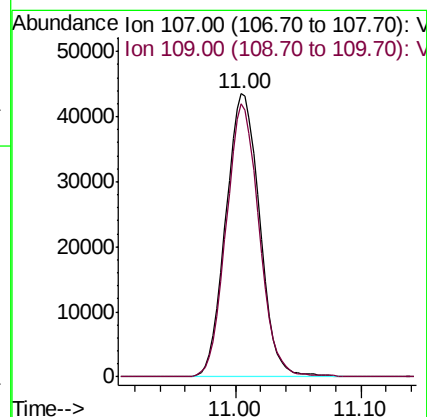
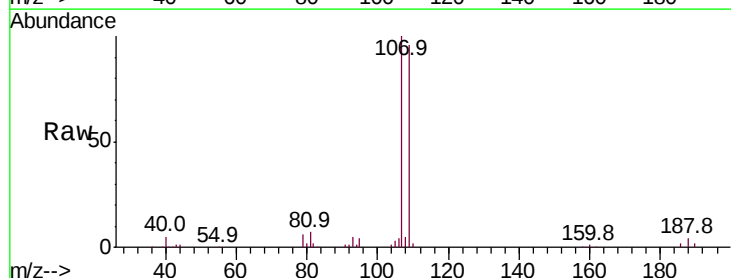
Acq: 21 Jun 2019 12:55

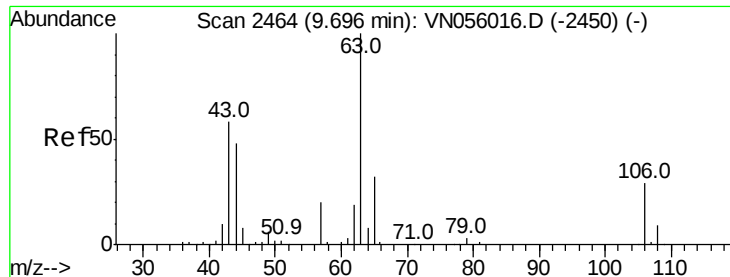
Tgt Ion:107 Resp: 81524

Ion Ratio Lower Upper

107 100

109 93.8 76.8 115.2

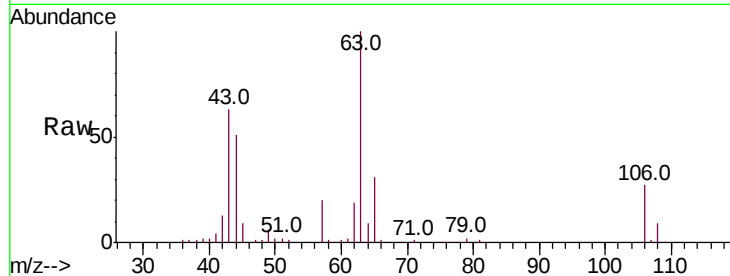




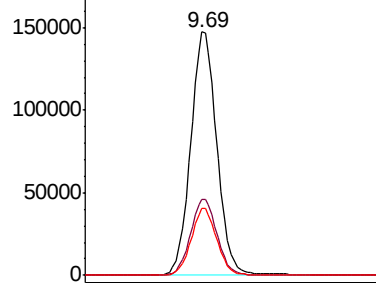
#55
 2-Chloroethyl vinyl ether
 Concen: 134.832 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

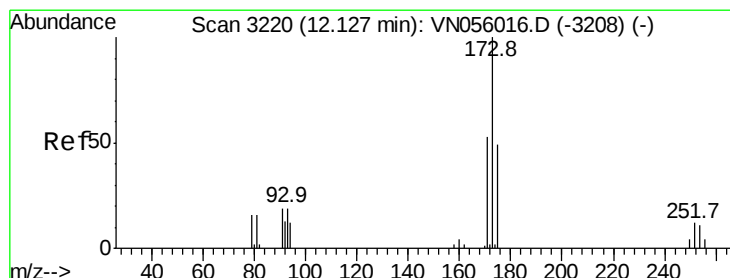
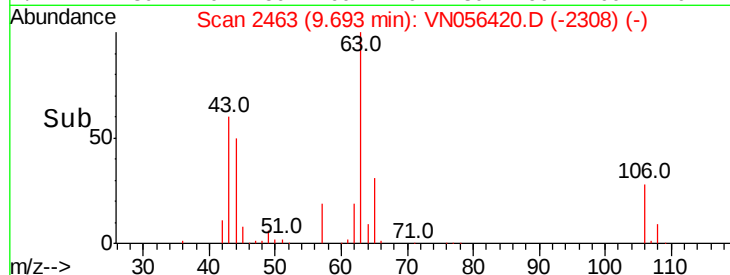
Tot Ion: 63 Resp: 267662
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.5 38.3
 106 26.9 23.0 34.4



Abundance Ion 63.00 (62.70 to 63.70): VN056016.D (-2450) (-)
 Ion 65.00 (64.70 to 65.70): VN056016.D (-2450) (-)
 Ion 106.00 (105.70 to 106.70): VN056016.D (-2450) (-)

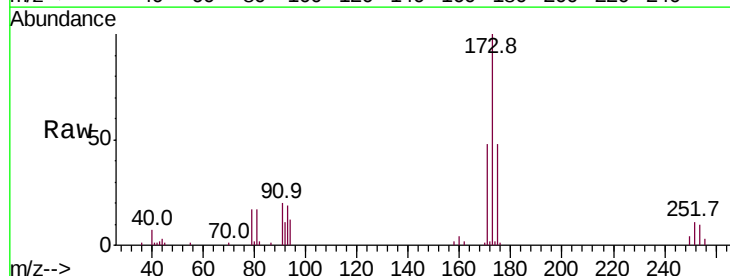


Time-->

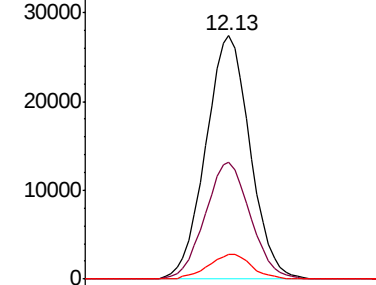


#56
 Bromoform
 Concen: 17.835 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

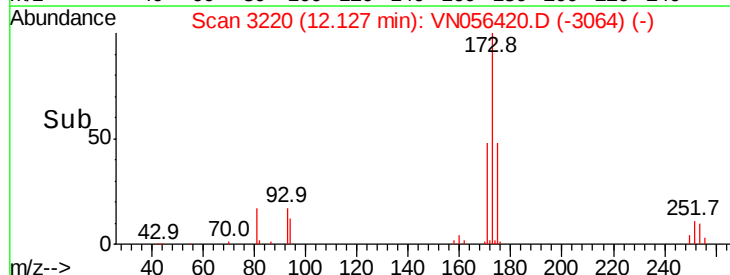
Tgt Ion: 173 Resp: 47314
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.7 58.1
 254 10.0 6.6 9.8#

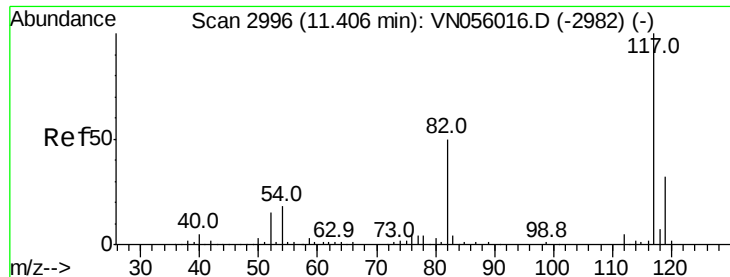


Abundance Ion 173.00 (172.70 to 173.70): VN056016.D (-3208) (-)
 Ion 175.00 (174.70 to 175.70): VN056016.D (-3208) (-)
 Ion 254.00 (253.70 to 254.70): VN056016.D (-3208) (-)



Time-->

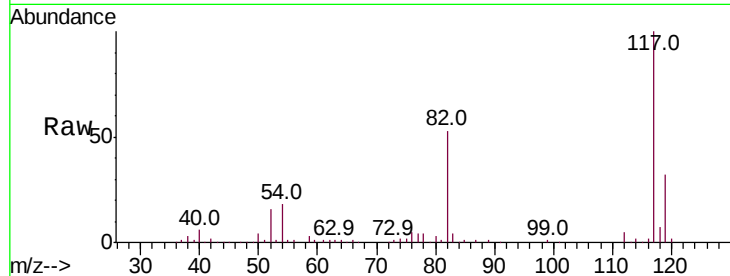




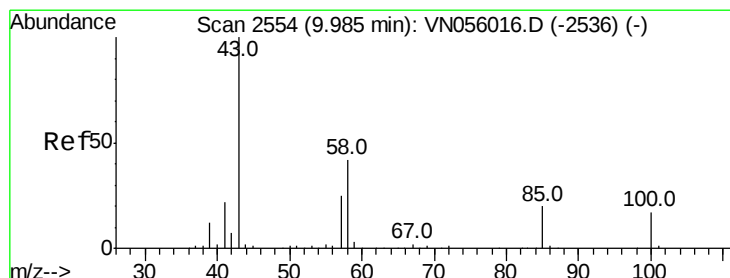
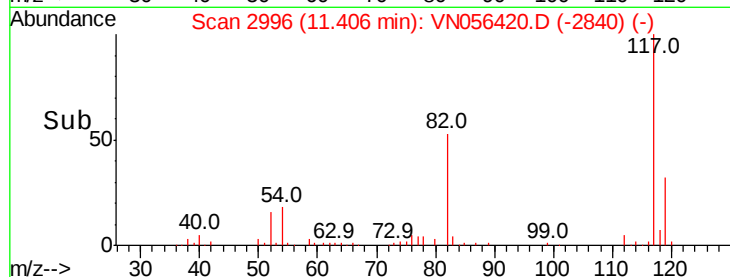
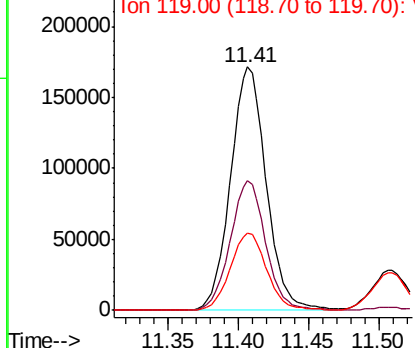
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Instrument :
MSVOA_N
ClientSampled :
VN0621WBSD01

Tot Ion:117 Resp: 303884
Ion Ratio Lower Upper
117 100
82 52.9 41.2 61.8
119 32.4 26.2 39.2

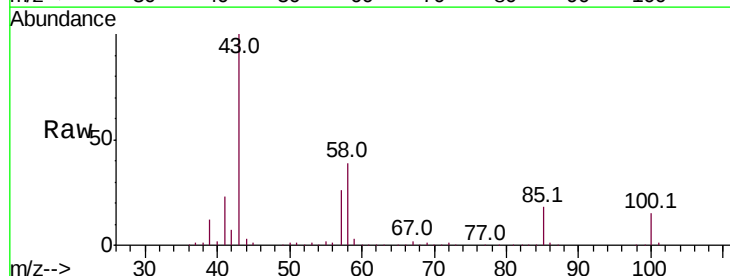


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

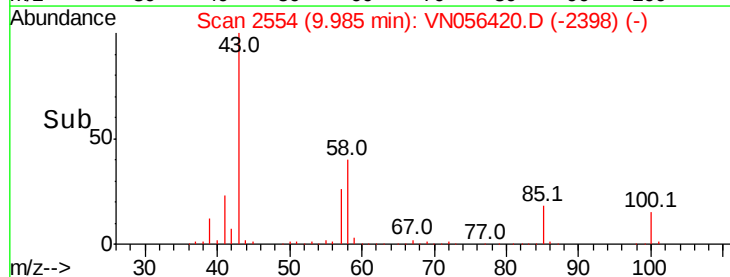
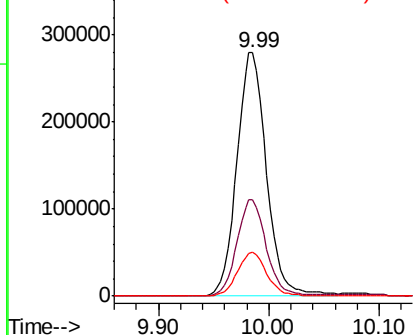


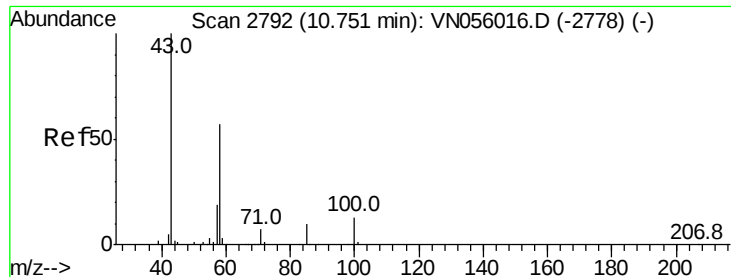
#58
4-Methyl-2-Pentanone
Concen: 112.571 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 43 Resp: 518004
Ion Ratio Lower Upper
43 100
58 39.7 33.1 49.7
85 18.0 15.5 23.3



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





#59

2-Hexanone

Concen: 111.520 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampled :

VN0621WBSD01

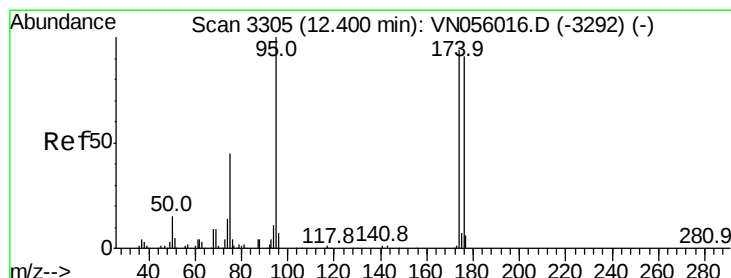
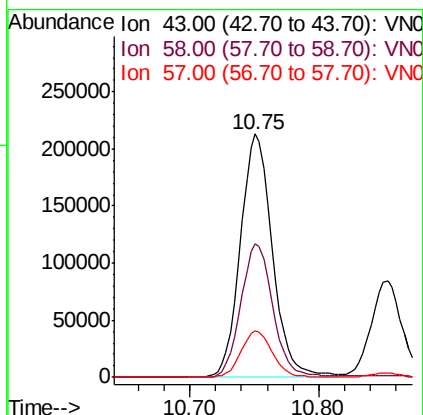
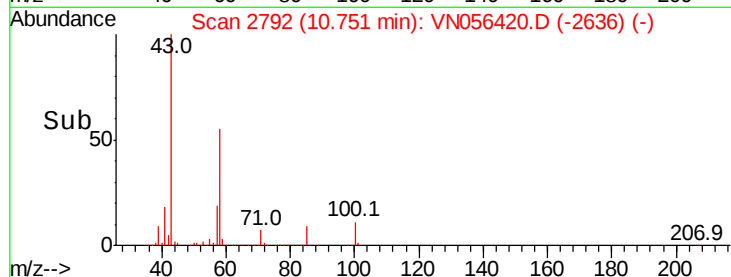
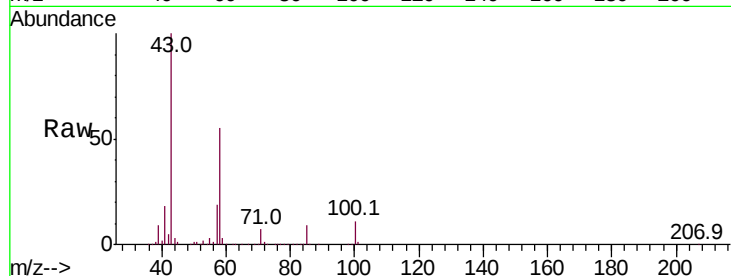
Tot Ion: 43 Resp: 366783

Ion Ratio Lower Upper

43 100

58 55.7 45.3 67.9

57 18.8 15.6 23.4



#60

4-Bromofluorobenzene

Concen: 29.532 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

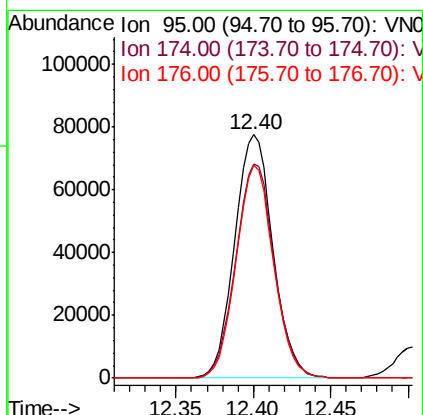
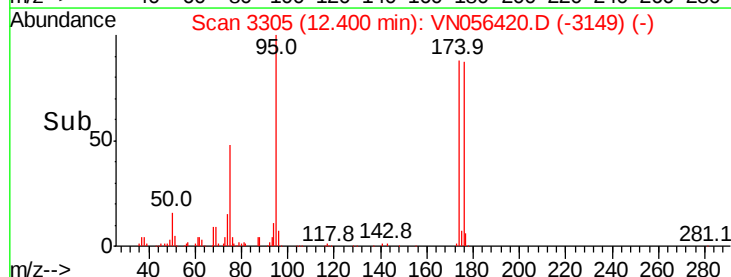
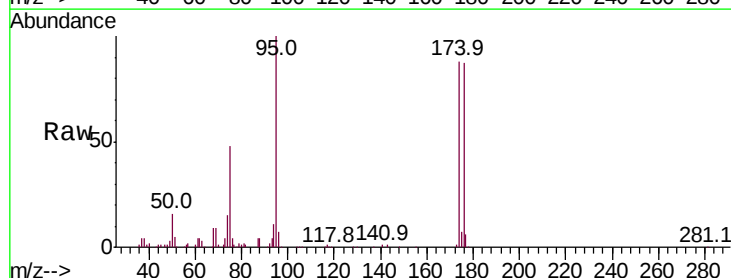
Tgt Ion: 95 Resp: 133017

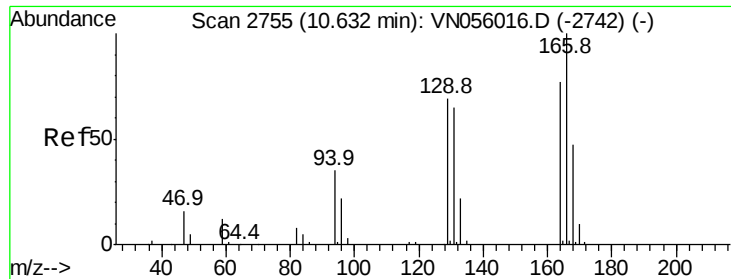
Ion Ratio Lower Upper

95 100

174 88.9 75.4 113.0

176 85.9 73.9 110.9





#61

Tetrachloroethene

Concen: 21.102 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tot Ion:164 Resp: 89374

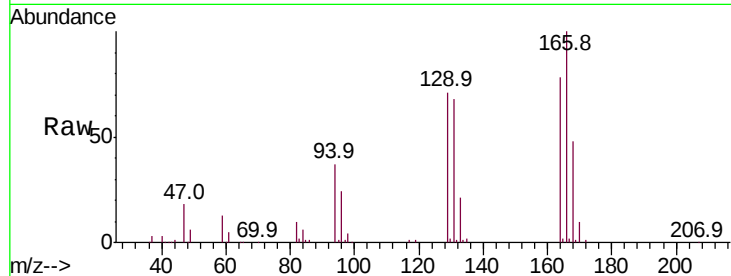
Ion Ratio Lower Upper

164 100

166 128.4 104.3 156.5

129 90.6 71.5 107.3

131 87.2 67.7 101.5

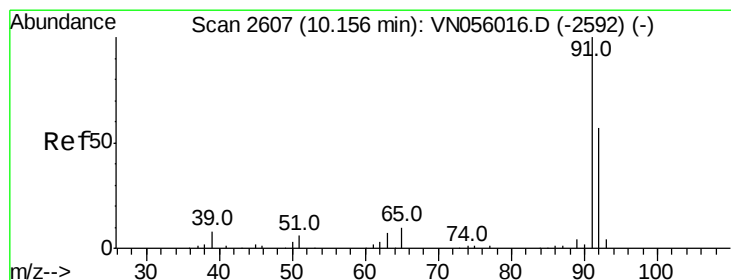
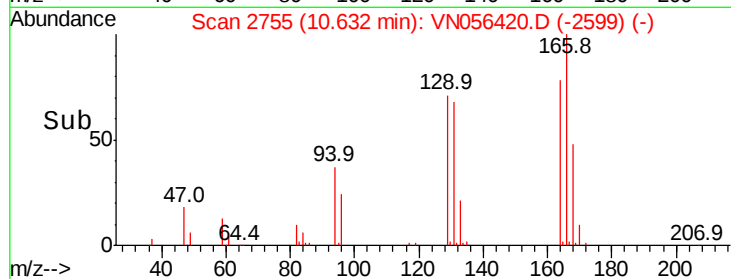
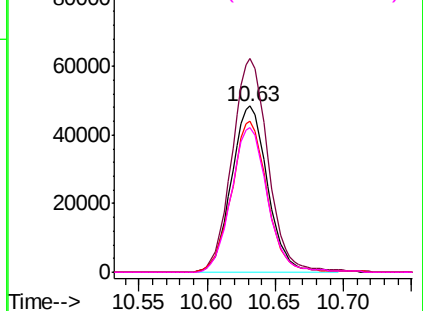


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.523 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056420.D

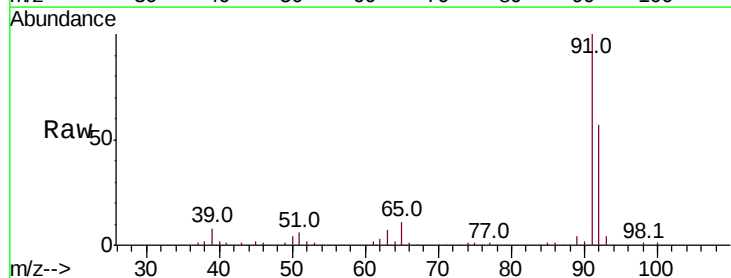
Acq: 21 Jun 2019 12:55

Tgt Ion: 91 Resp: 336670

Ion Ratio Lower Upper

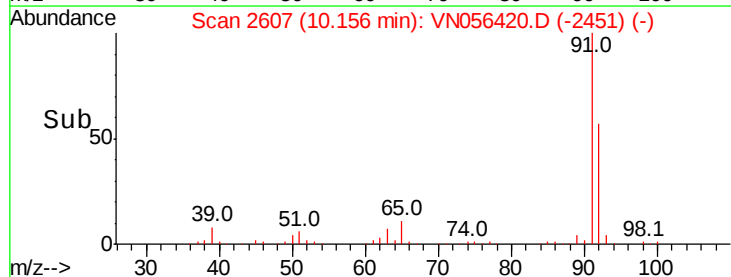
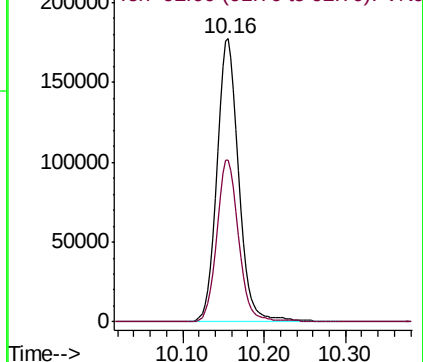
91 100

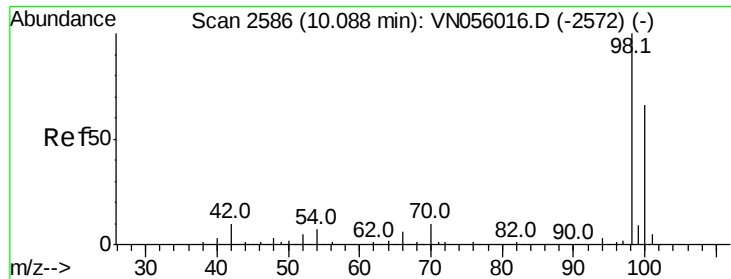
92 57.0 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.764 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

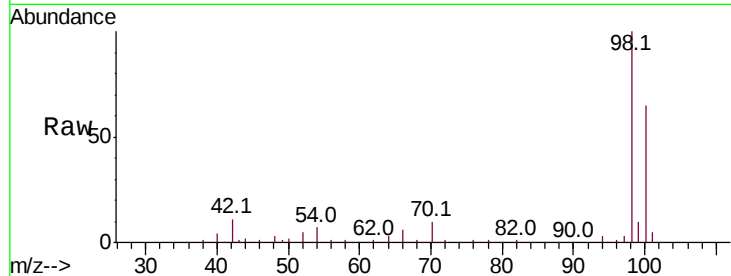
VN0621WBSD01

Tot Ion: 98 Resp: 424089

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



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

Ion 100.00 (99.70 to 100.70): VN056016.D (-2572) (-)

10.09

250000

200000

150000

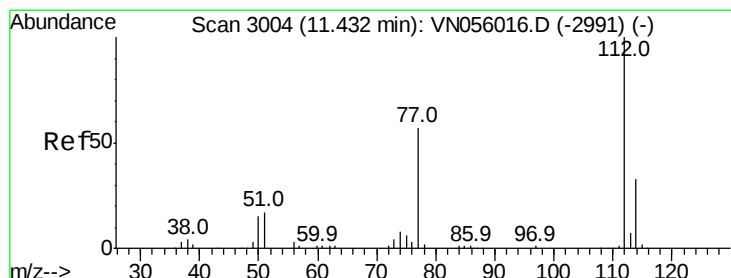
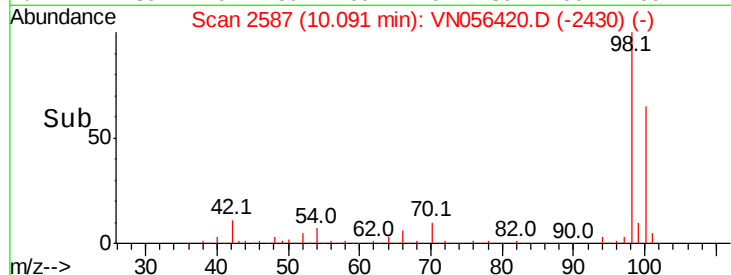
100000

50000

0

10.00 10.10 10.20

Time-->



#64

Chlorobenzene

Concen: 20.157 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056420.D

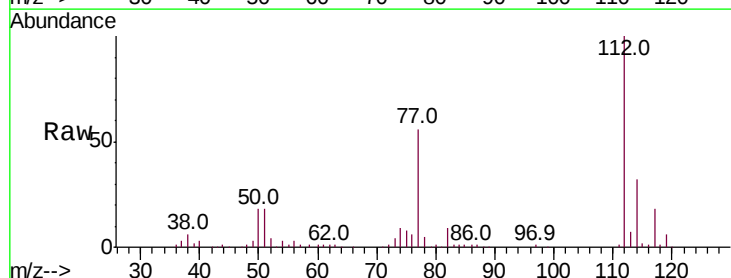
Acq: 21 Jun 2019 12:55

Tgt Ion: 112 Resp: 200575

Ion Ratio Lower Upper

112 100

114 32.0 26.1 39.1



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

Ion 114.00 (113.70 to 114.70): VN056016.D (-2991) (-)

11.43

120000

100000

80000

60000

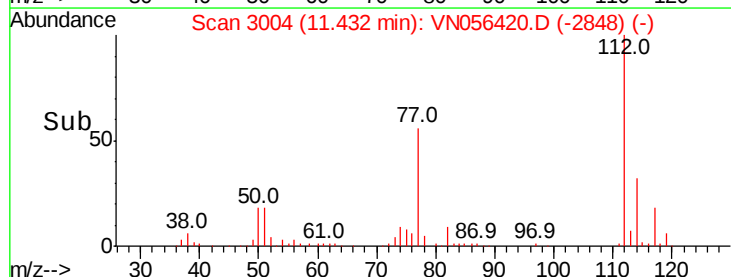
40000

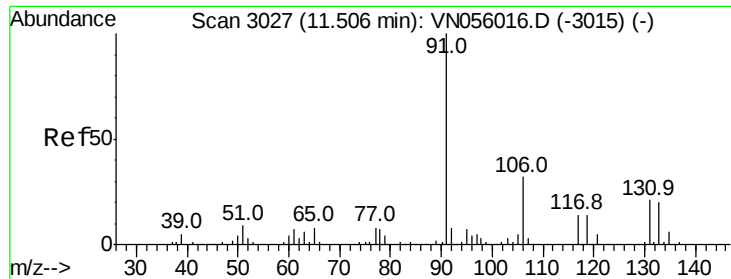
20000

0

11.40 11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.744 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

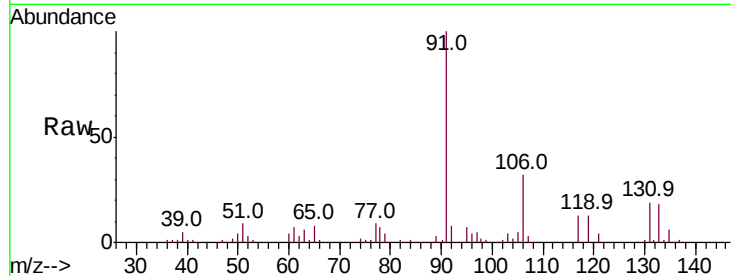
Tot Ion:131 Resp: 70843

Ion Ratio Lower Upper

131 100

133 94.6 0.0 193.8

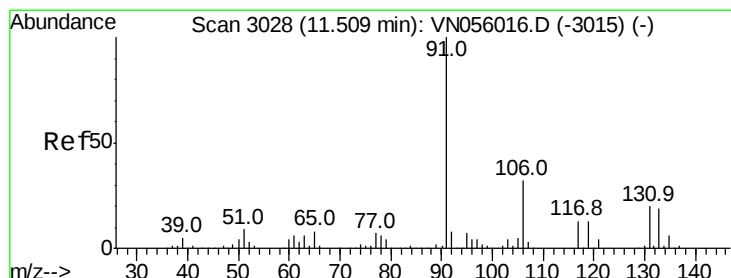
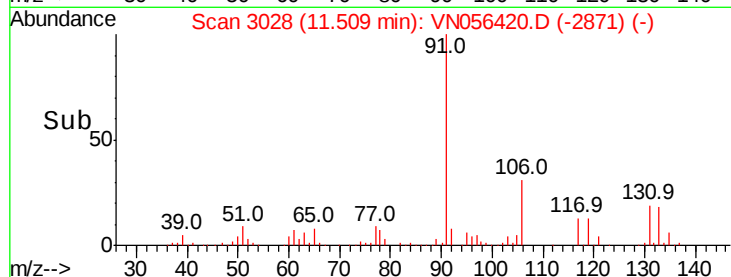
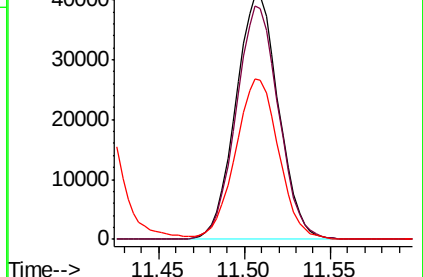
119 66.0 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.407 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056420.D

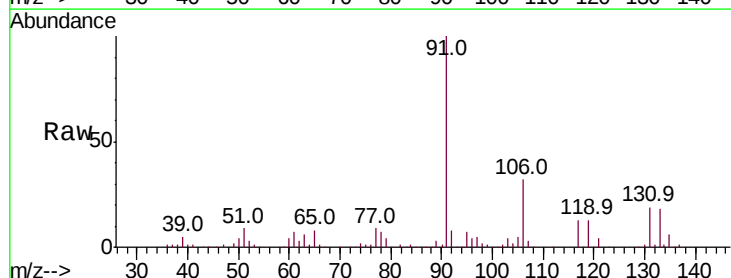
Acq: 21 Jun 2019 12:55

Tgt Ion: 91 Resp: 356559

Ion Ratio Lower Upper

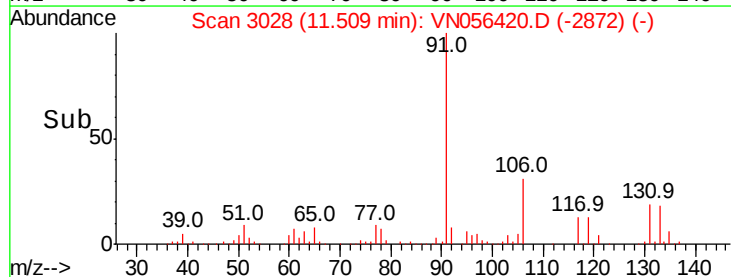
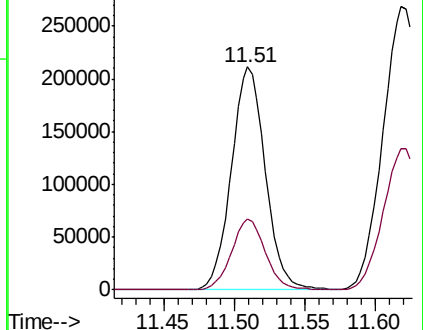
91 100

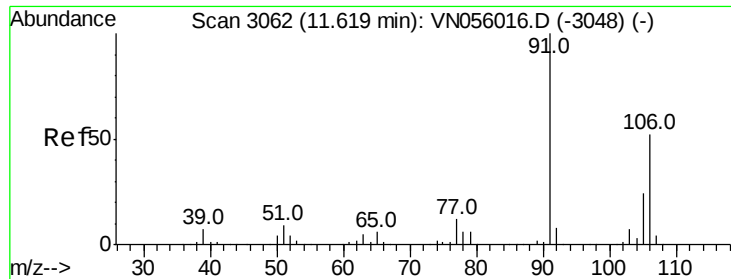
106 31.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

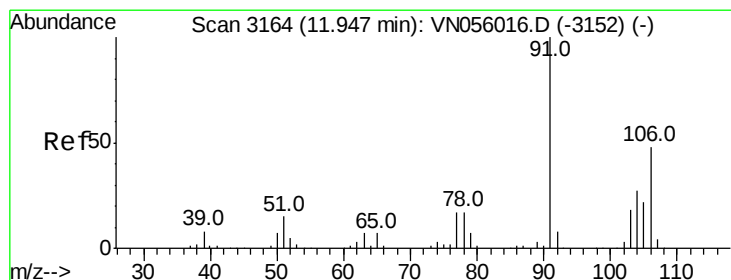
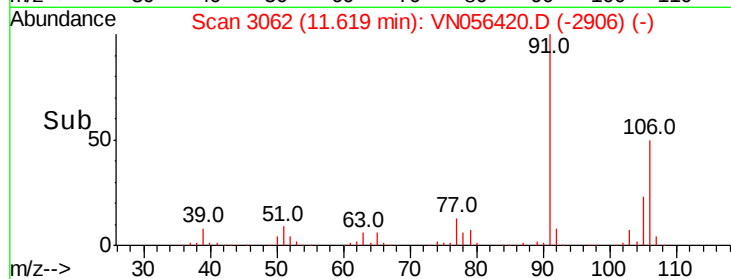
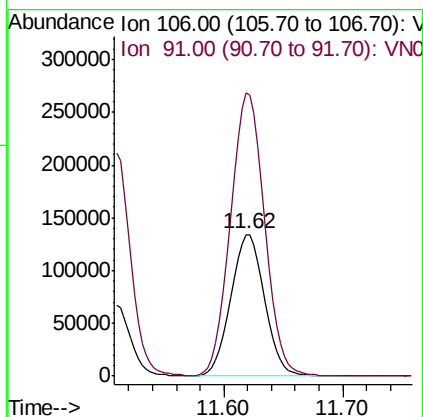
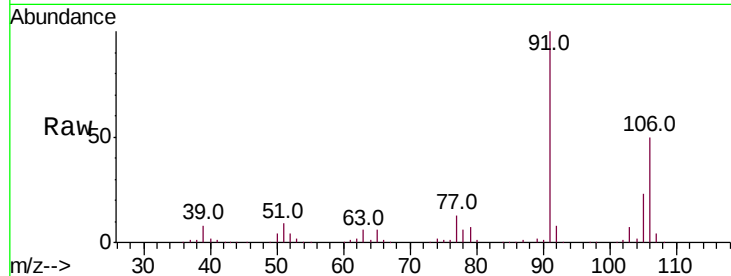




#67
m/p-Xylenes
Concen: 39.352 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

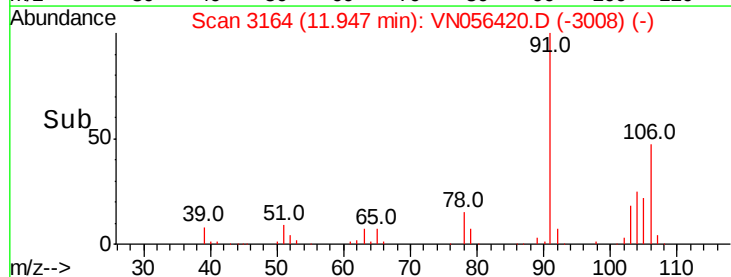
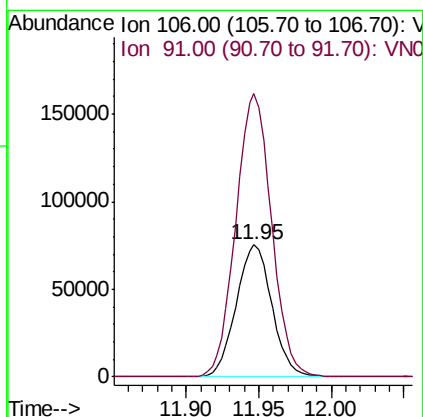
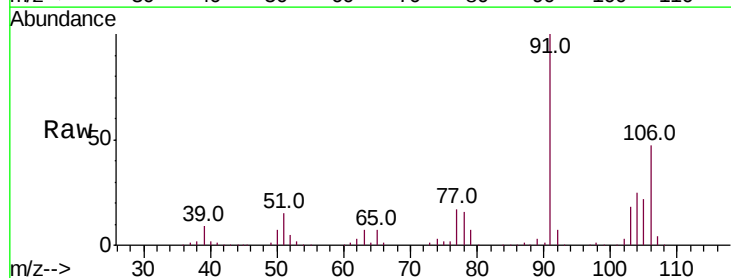
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

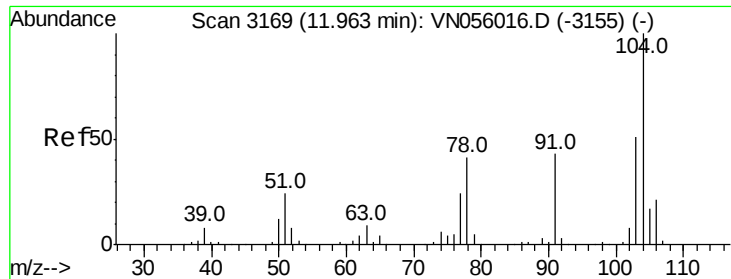
Tot Ion:106 Resp: 263182
Ion Ratio Lower Upper
106 100
91 202.3 155.7 233.5



#68
o-Xylene
Concen: 19.722 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion:106 Resp: 129128
Ion Ratio Lower Upper
106 100
91 214.8 103.9 311.7

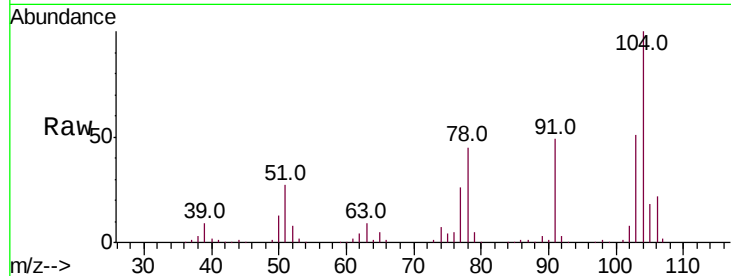




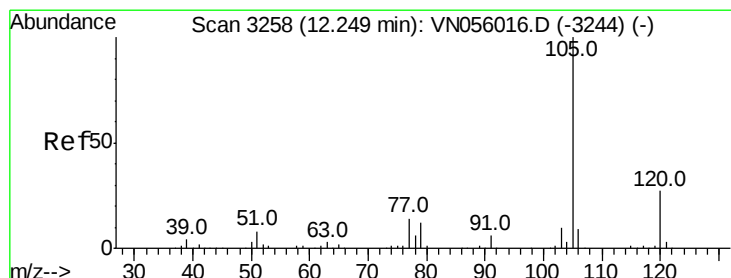
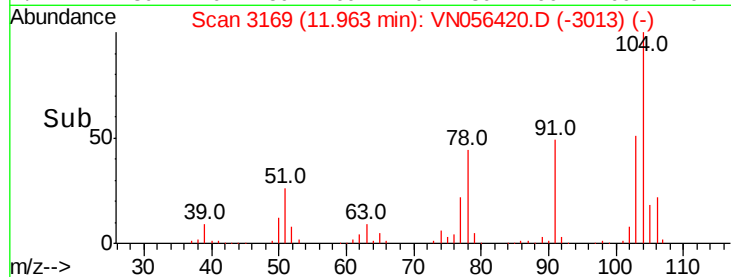
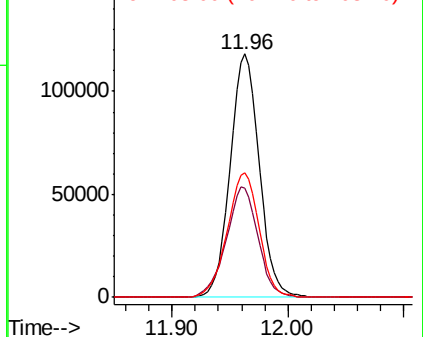
#69
Stvrene
Concen: 19.202 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tot Ion:104 Resp: 204270
Ion Ratio Lower Upper
104 100
78 49.4 37.0 55.6
103 56.1 44.4 66.6

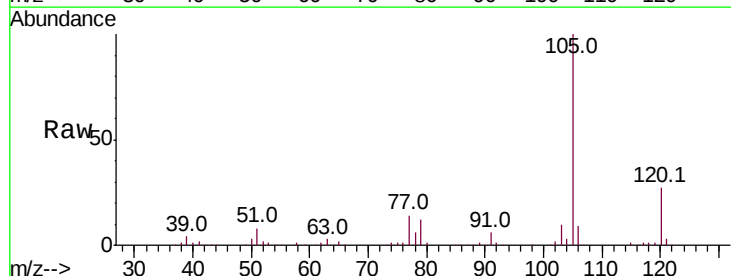


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

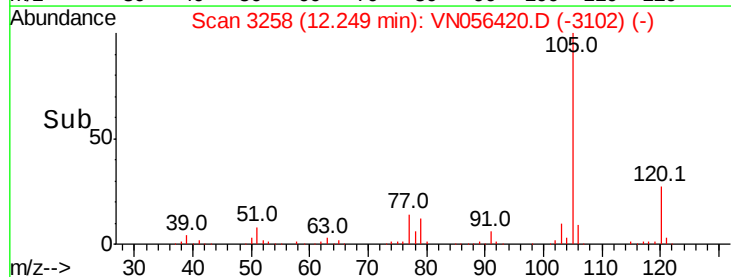
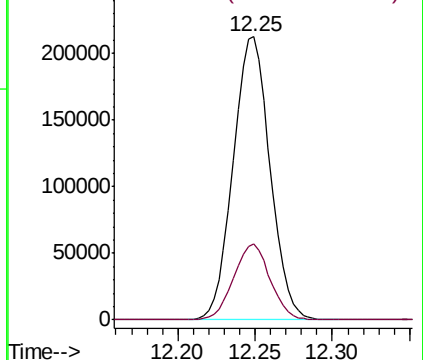


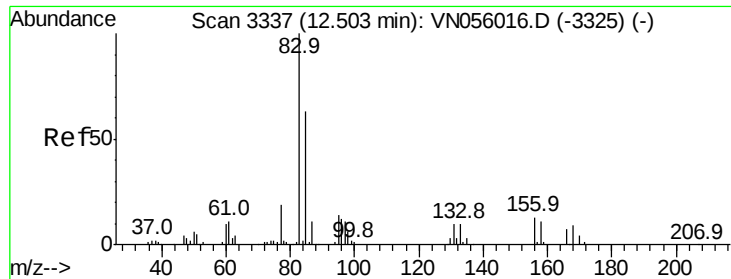
#70
Isopropylbenzene
Concen: 20.567 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion:105 Resp: 351833
Ion Ratio Lower Upper
105 100
120 26.4 19.3 35.8



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





#71

1,1,2,2-Tetrachloroethane

Concen: 20.546 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

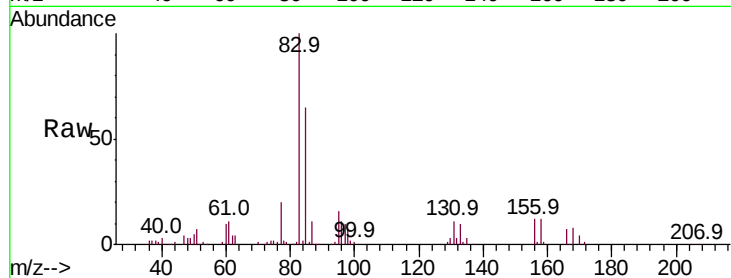
Tot Ion: 83 Resp: 105966

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

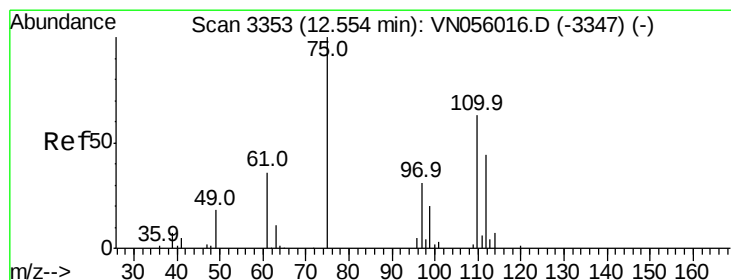
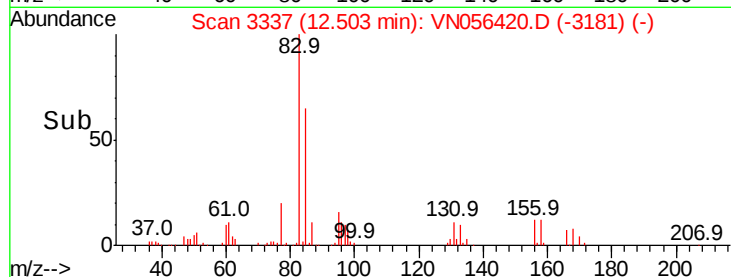
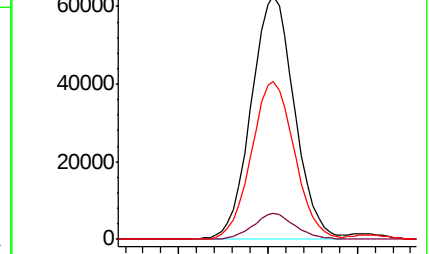
85 65.0 31.6 94.7



Abundance Ion 83.00 (82.70 to 83.70): VN056016.D (-3325) (-)

Ion 131.00 (130.70 to 131.70): VN056016.D (-3325) (-)

Ion 85.00 (84.70 to 85.70): VN056016.D (-3325) (-)



#72

1,2,3-Trichloropropane

Concen: 21.427 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056420.D

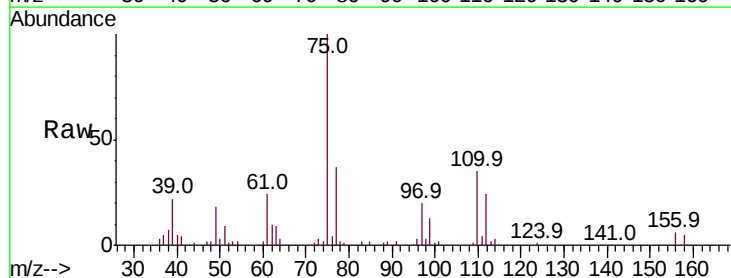
Acq: 21 Jun 2019 12:55

Tgt Ion: 75 Resp: 95669

Ion Ratio Lower Upper

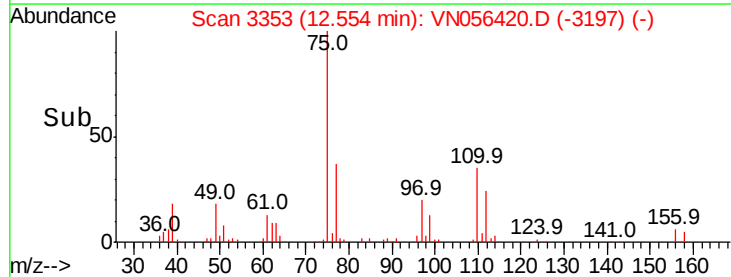
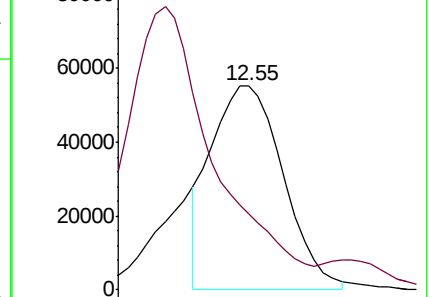
75 100

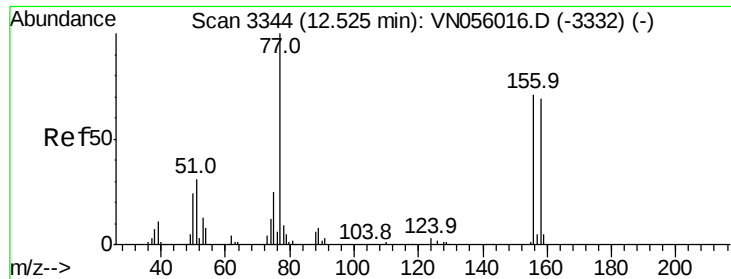
77 171.1 0.0 350.0



Abundance Ion 75.00 (74.70 to 75.70): VN056016.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN056016.D (-3347) (-)





#73

Bromobenzene

Concen: 19.440 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampled :

VN0621WBSD01

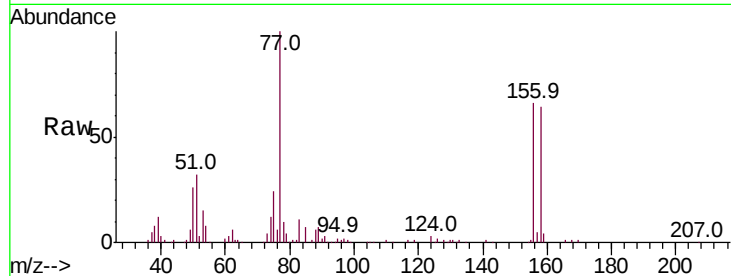
Tot Ion:156 Resp: 88270

Ion Ratio Lower Upper

156 100

77 185.5 0.0 350.8

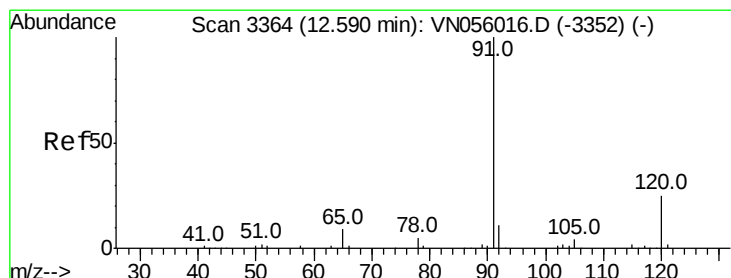
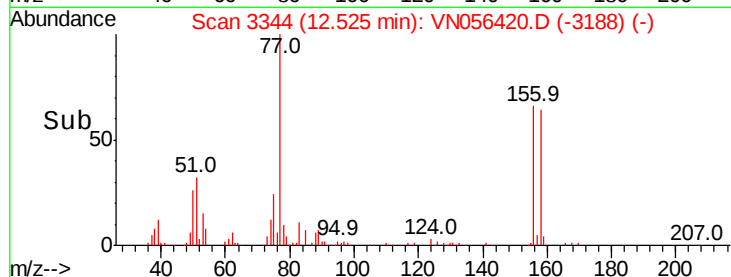
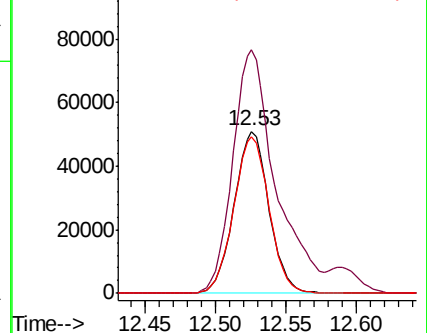
158 97.6 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.141 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056420.D

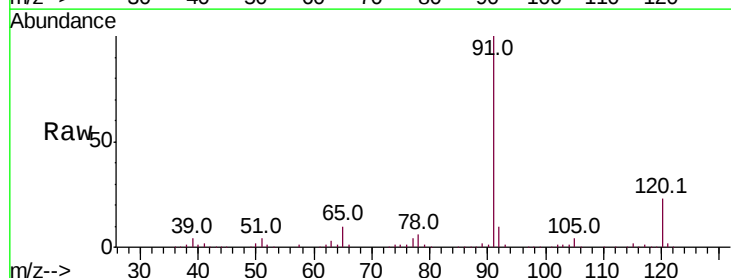
Acq: 21 Jun 2019 12:55

Tgt Ion: 91 Resp: 363599

Ion Ratio Lower Upper

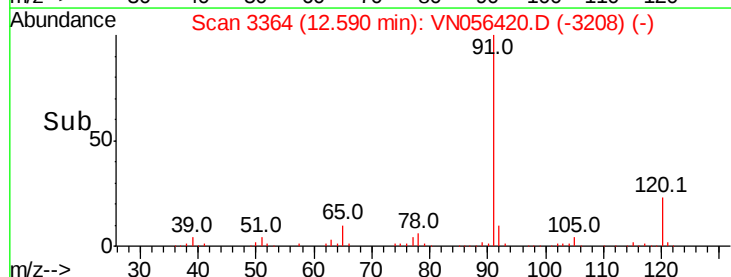
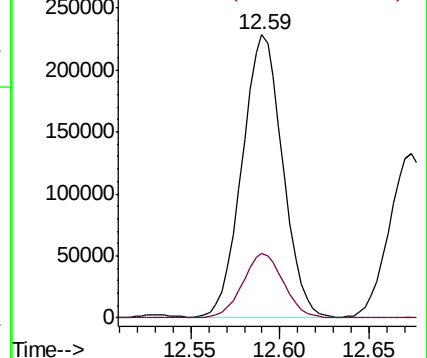
91 100

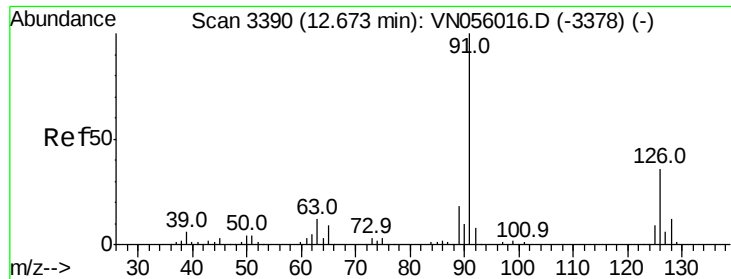
120 22.9 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

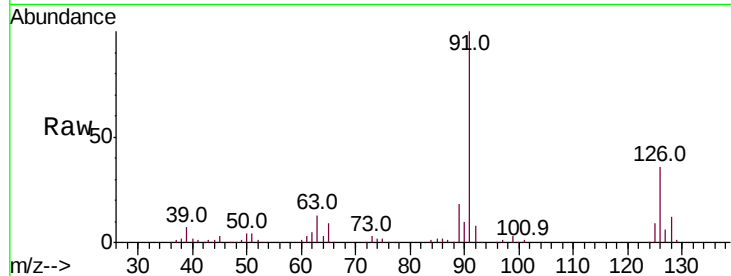




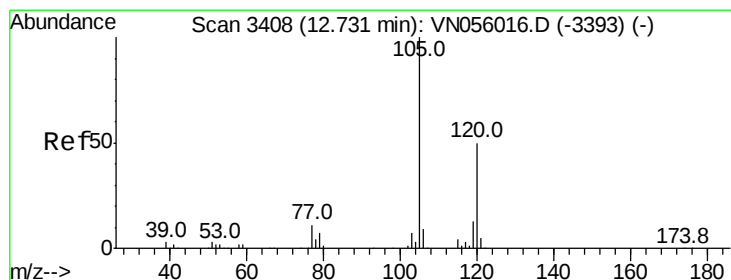
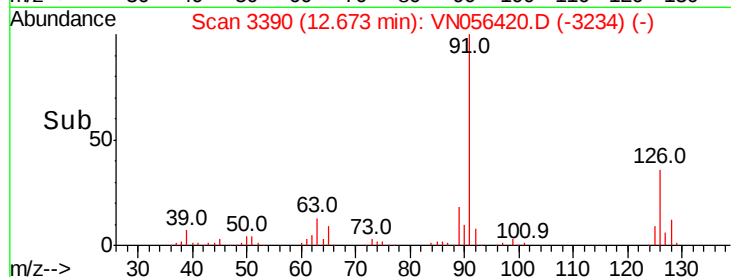
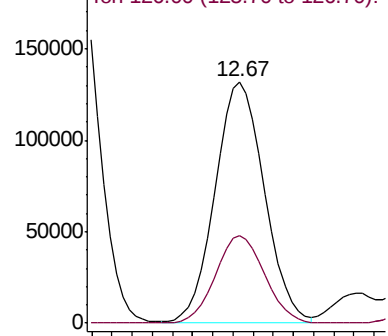
#75
2-Chlorotoluene
Concen: 20.159 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tot Ion: 91 Resp: 225732
Ion Ratio Lower Upper
91 100
126 36.2 0.0 72.4

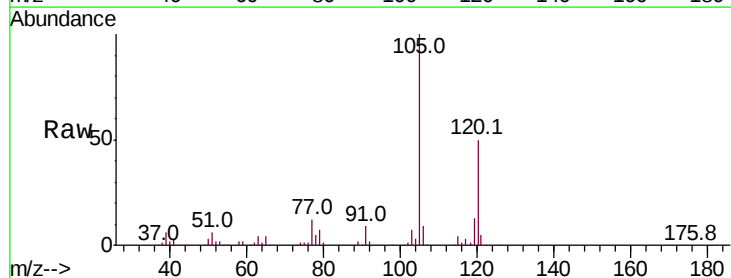


Abundance Ion 91.00 (90.70 to 91.70): VN056016.D (-3378) (-)
Ion 126.00 (125.70 to 126.70): VN056016.D (-3378) (-)

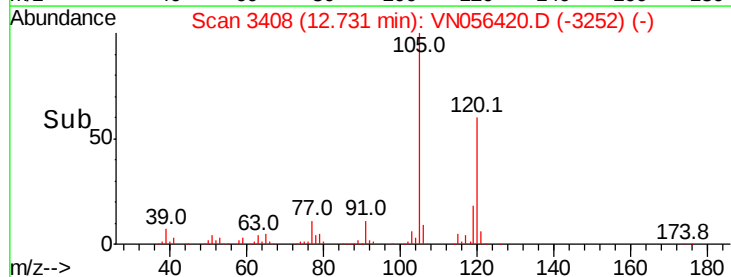
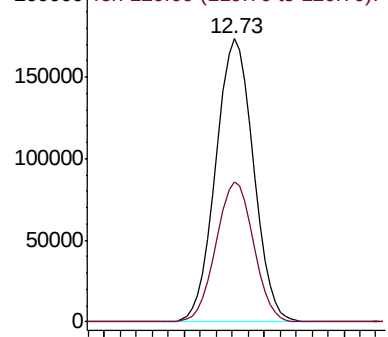


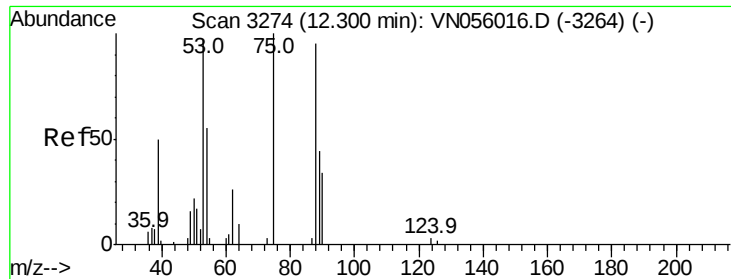
#76
1,3,5-Trimethylbenzene
Concen: 19.805 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion:105 Resp: 278689
Ion Ratio Lower Upper
105 100
120 49.3 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056016.D (-3393) (-)
Ion 120.00 (119.70 to 120.70): VN056016.D (-3393) (-)

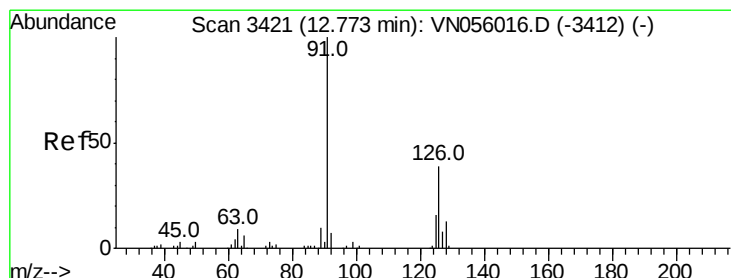
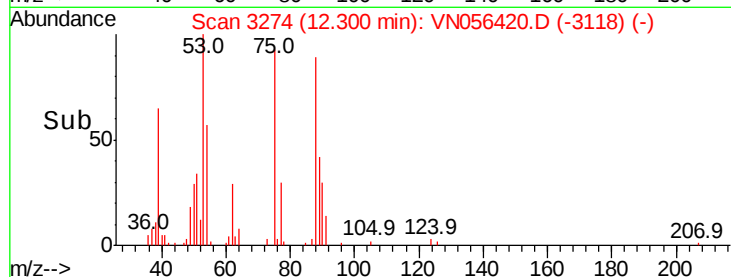
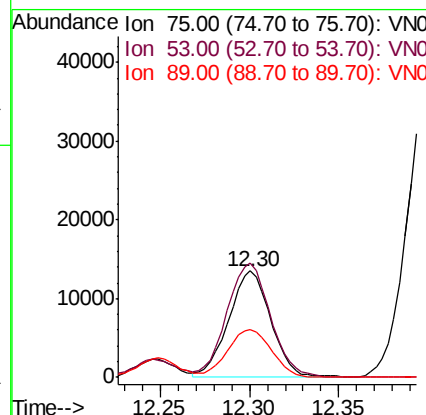
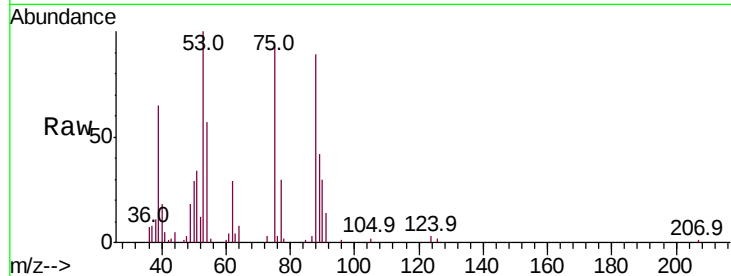




#77
t-1,4-Dichloro-2-butene
Concen: 17.410 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

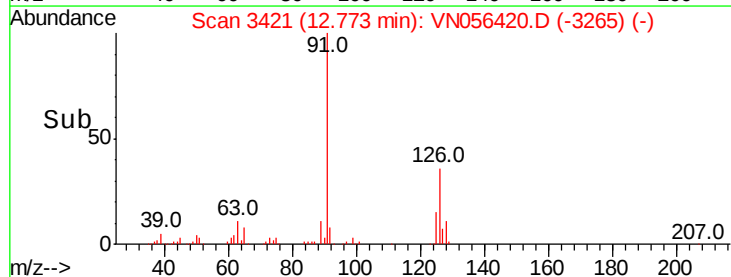
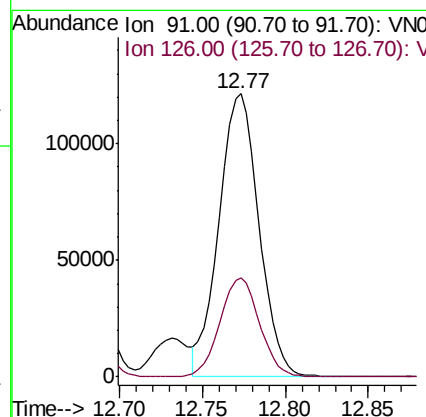
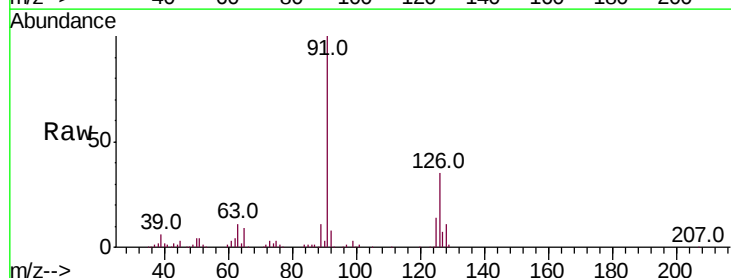
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

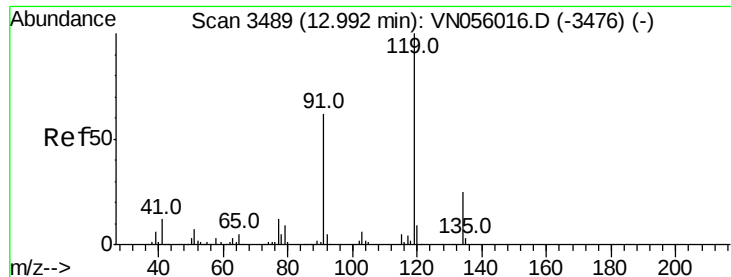
Tot Ion: 75 Resp: 22180
Ion Ratio Lower Upper
75 100
53 107.0 48.0 144.0
89 45.0 22.5 67.5



#78
4-Chlorotoluene
Concen: 19.451 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 91 Resp: 203408
Ion Ratio Lower Upper
91 100
126 34.8 0.0 71.8

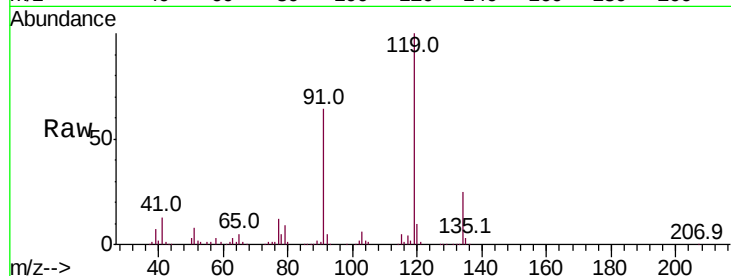




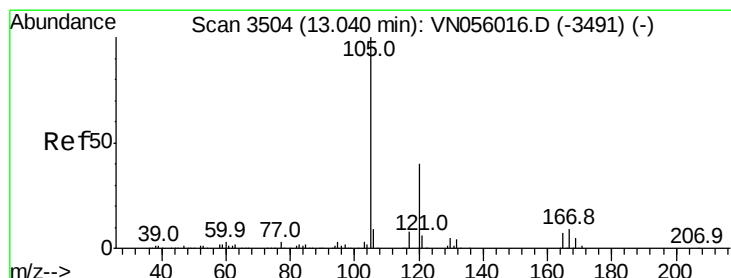
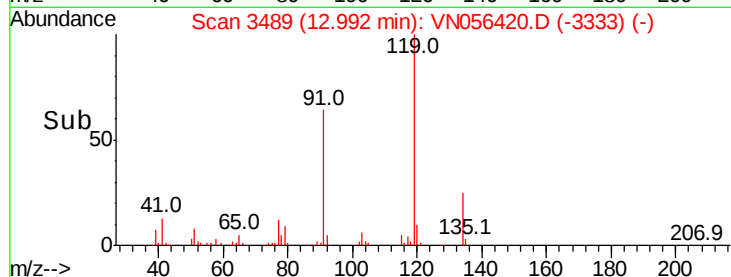
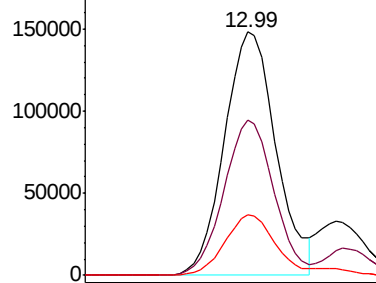
#79
tert-butylbenzene
Concen: 20.279 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	0.0	122.8
134	24.0	0.0	50.2

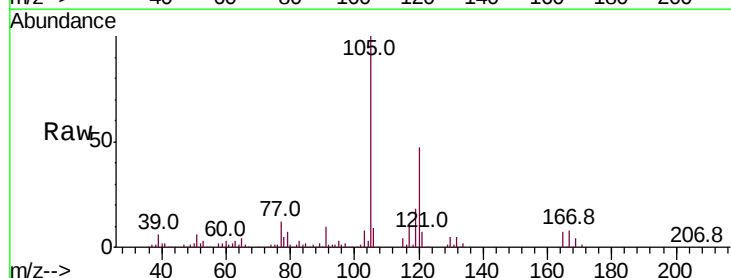


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

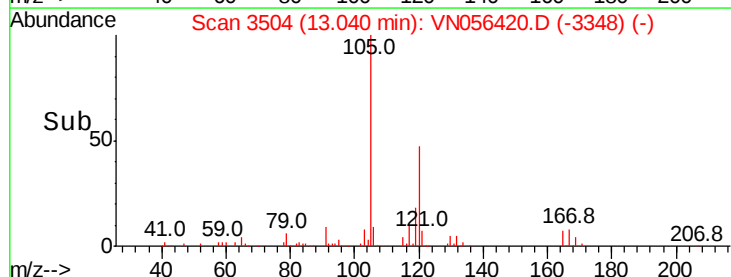
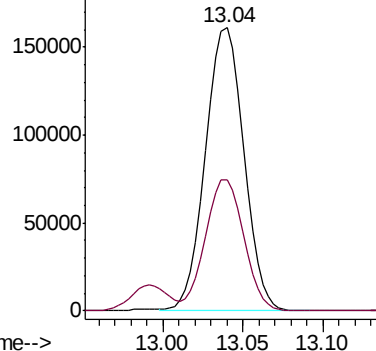


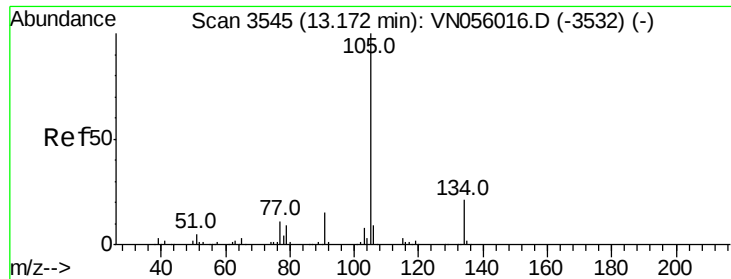
#80
1,2,4-Trimethylbenzene
Concen: 19.281 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	0.0	93.4



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





#81

sec-Butylbenzene

Concen: 20.023 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

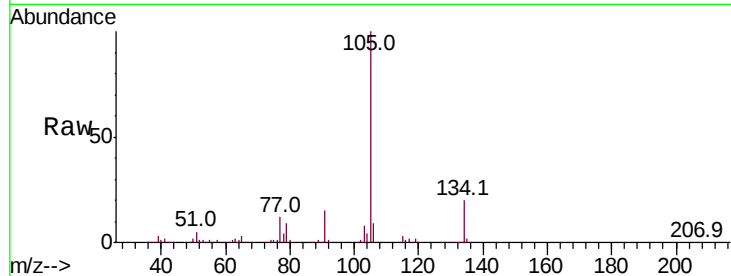
VN0621WBSD01

Tot Ion:105 Resp: 315774

Ion Ratio Lower Upper

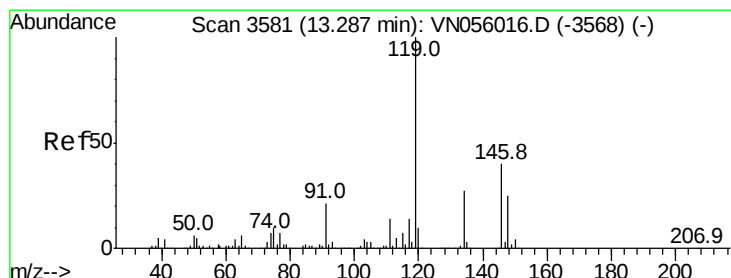
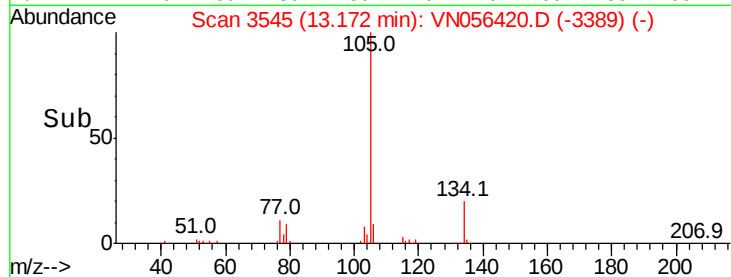
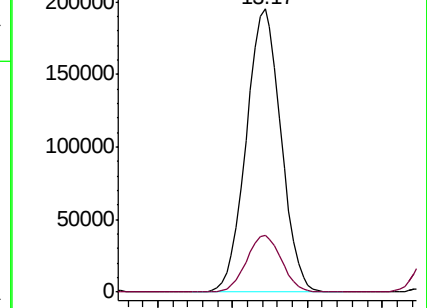
105 100

134 20.1 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.935 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

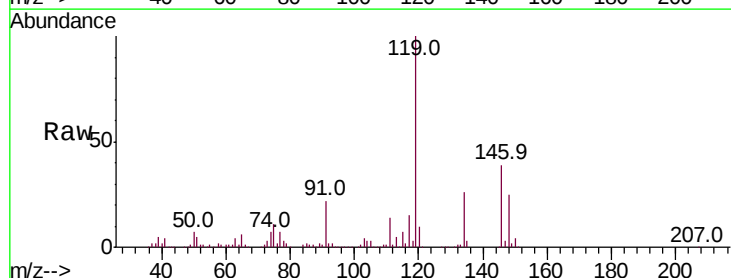
Tgt Ion:119 Resp: 269989

Ion Ratio Lower Upper

119 100

134 26.5 0.0 53.4

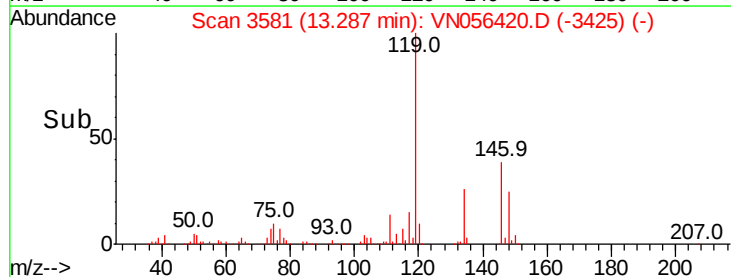
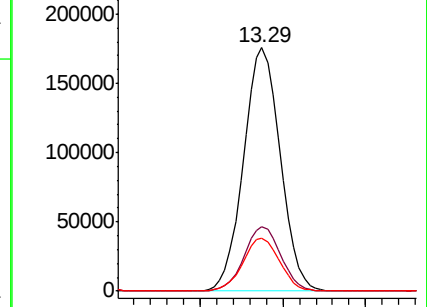
91 21.9 0.0 43.0

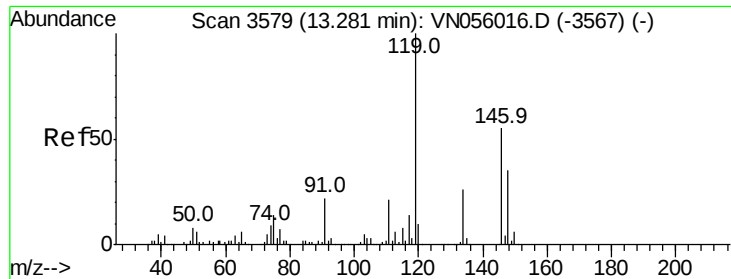


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

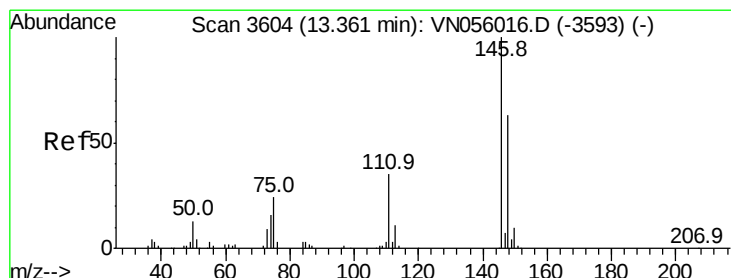
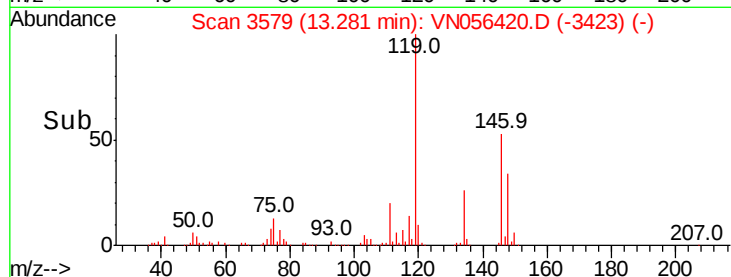
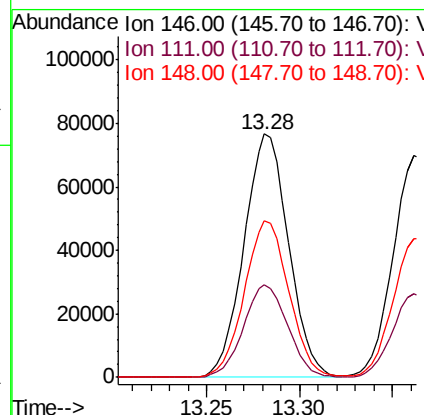
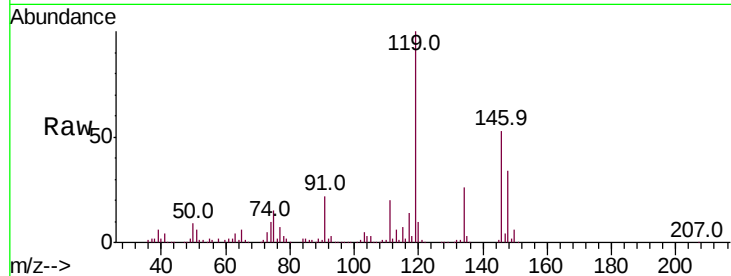




#83
 1,3-Dichlorobenzene
 Concen: 18.082 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

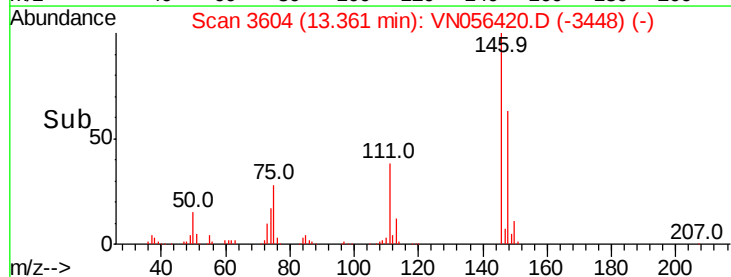
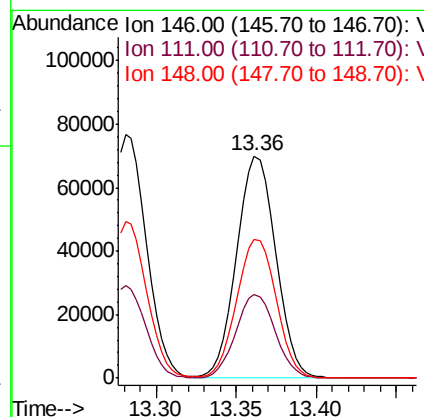
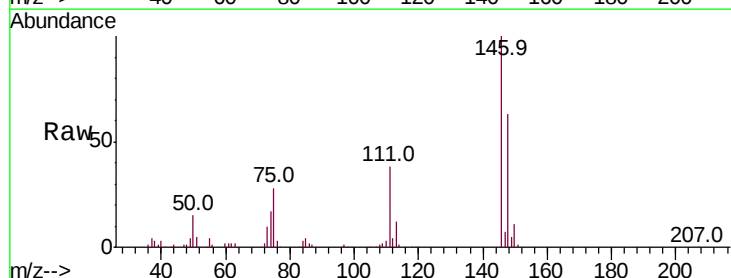
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

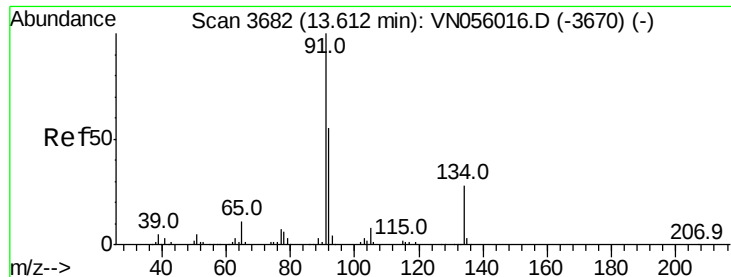
Tot Ion:146 Resp: 127952
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.2 54.6
 148 64.2 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 17.369 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Tgt Ion:146 Resp: 117077
 Ion Ratio Lower Upper
 146 100
 111 37.8 17.6 52.9
 148 63.2 32.1 96.3

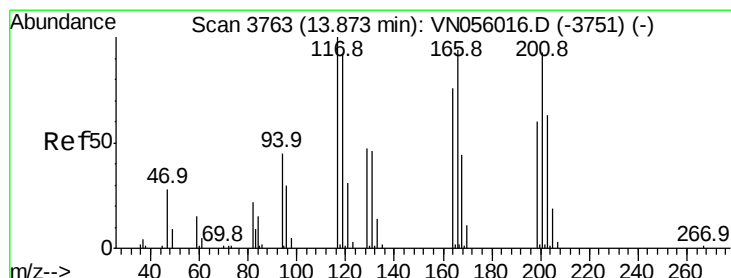
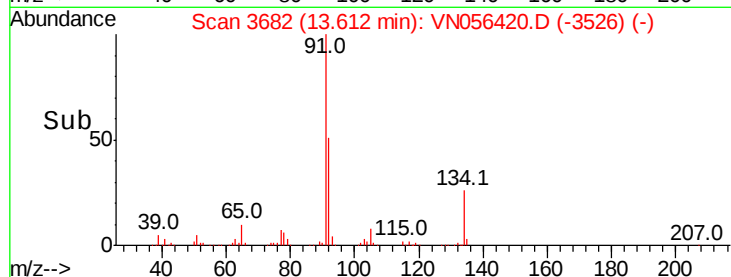
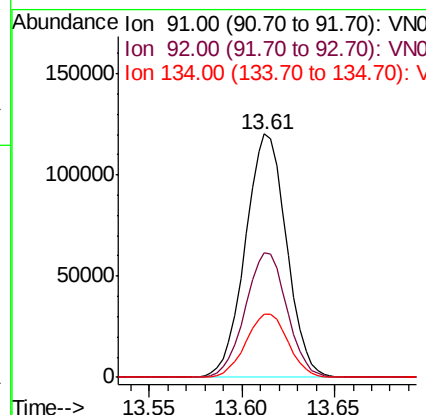
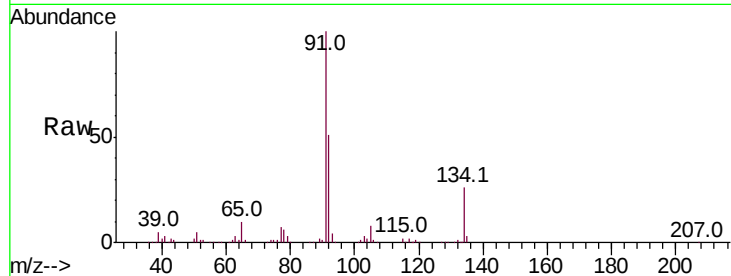




#85
n-Butylbenzene
Concen: 17.505 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

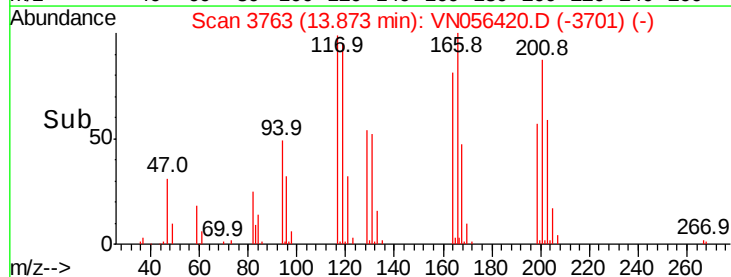
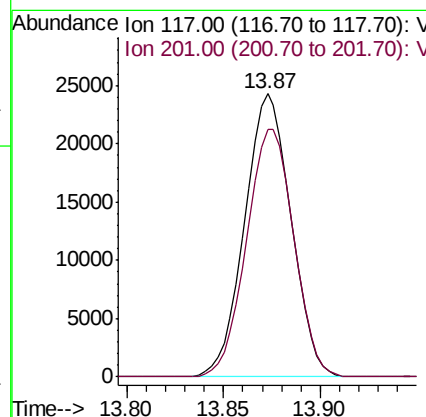
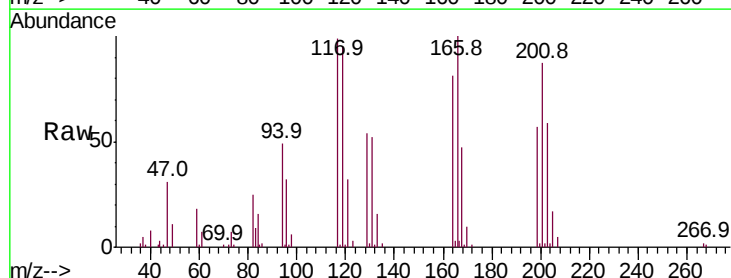
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

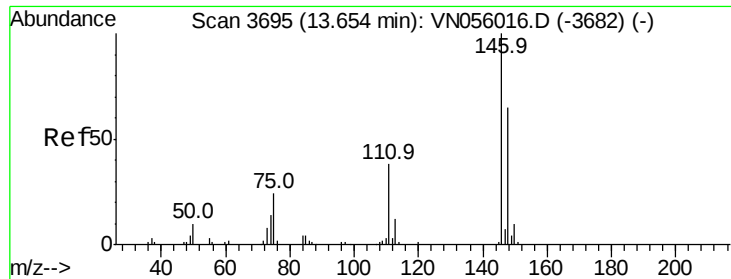
Tot Ion: 91 Resp: 186285
Ion Ratio Lower Upper
91 100
92 51.8 0.0 107.2
134 26.6 0.0 55.8



#86
Hexachloroethane
Concen: 18.240 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056420.D
Acq: 21 Jun 2019 12:55

Tgt Ion: 117 Resp: 40545
Ion Ratio Lower Upper
117 100
201 89.2 48.1 144.4





#87

1,2-Dichlorobenzene

Concen: 18.126 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

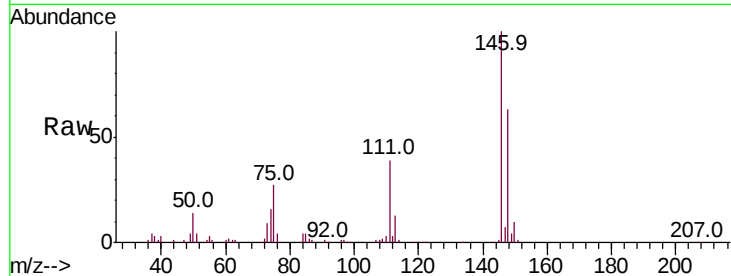
Tot Ion:146 Resp: 130377

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

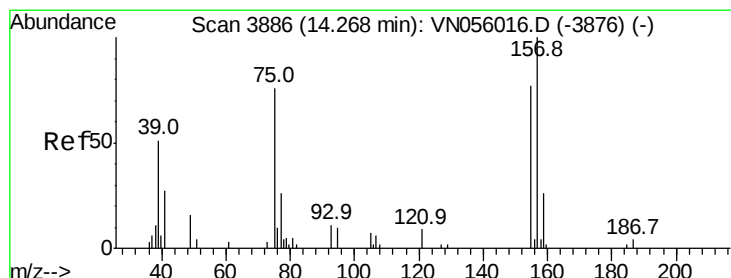
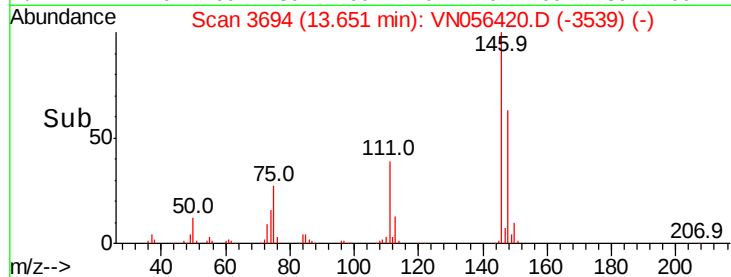
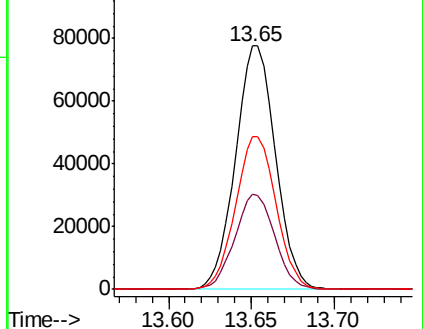
148 63.5 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.793 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

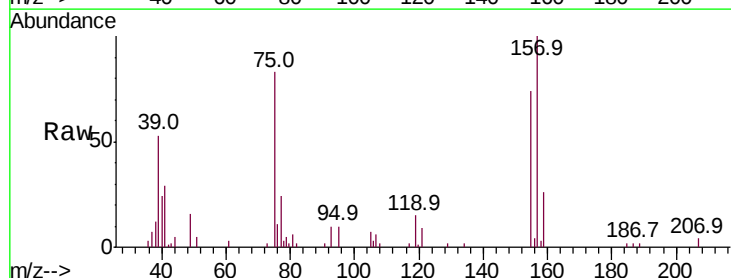
Tgt Ion: 75 Resp: 15215

Ion Ratio Lower Upper

75 100

155 90.1 82.5 123.7

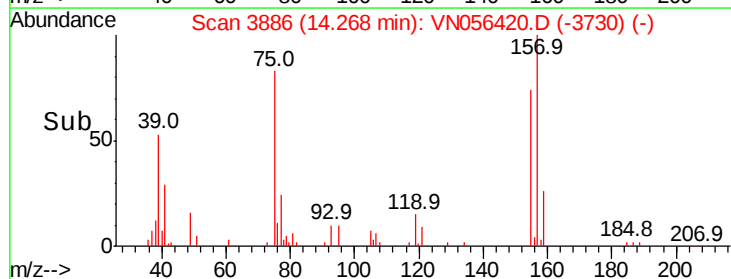
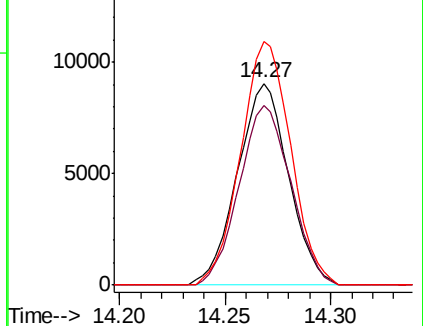
157 118.4 105.1 157.7

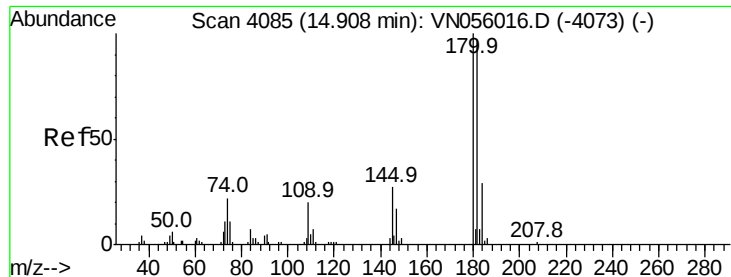


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

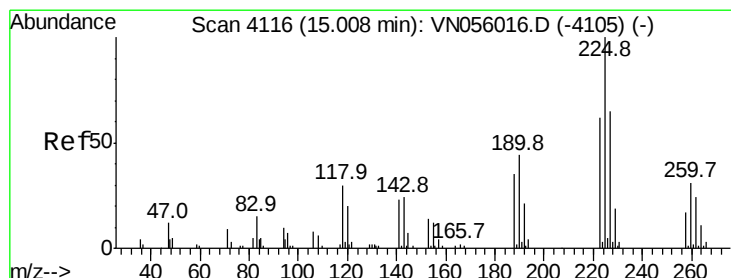
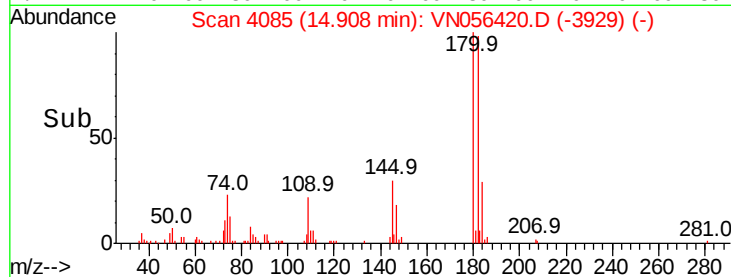
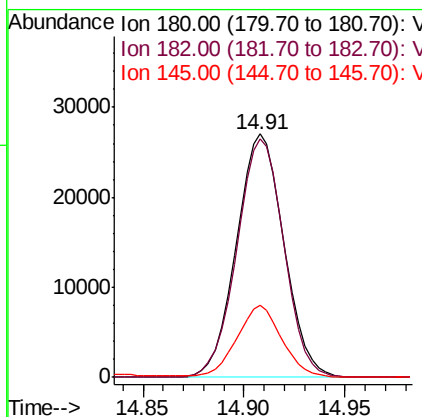
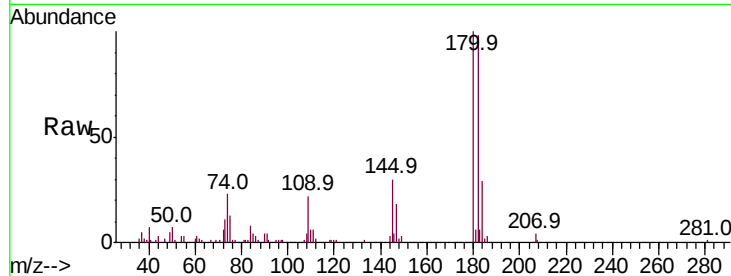




#89
 1,2,4-Trichlorobenzene
 Concen: 17.393 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

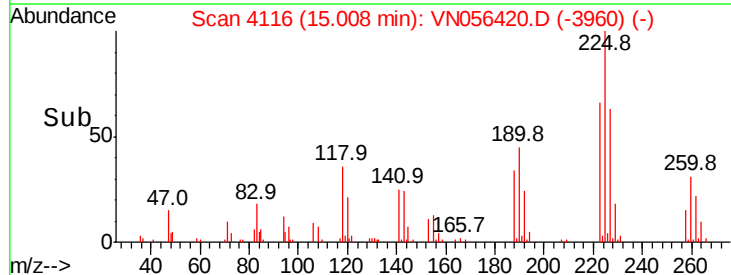
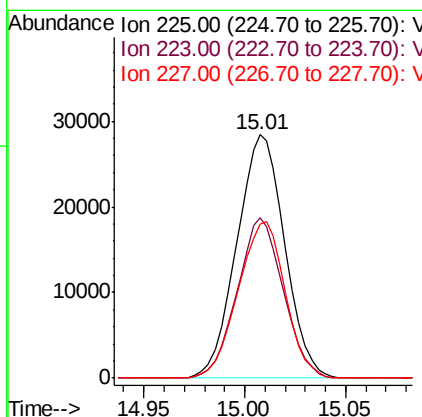
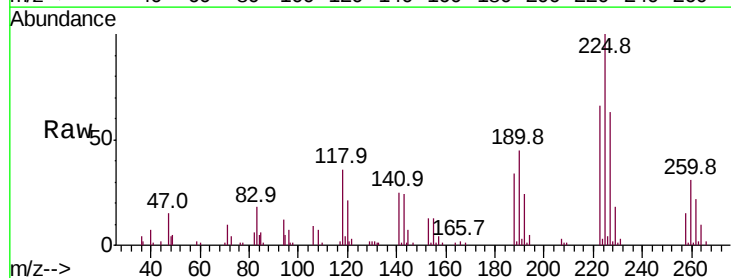
Instrument :
 MSVOA_N
 ClientSampled :
 VN0621WBSD01

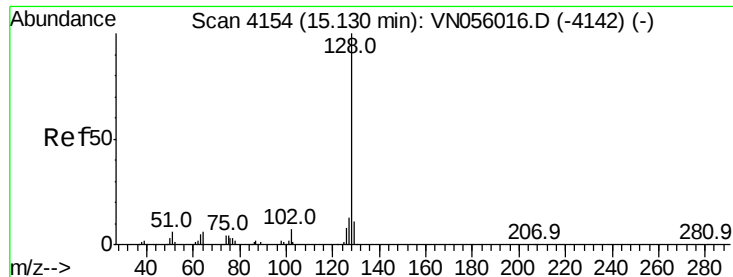
Tot Ion:180 Resp: 44592
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.0 112.6
 145 28.1 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 17.941 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056420.D
 Acq: 21 Jun 2019 12:55

Tgt Ion:225 Resp: 47108
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 125.6
 227 63.4 0.0 128.6





#91

Naphthalene

Concen: 13.279 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

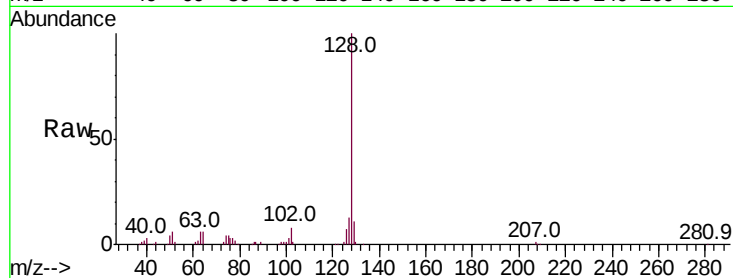
Tot Ion:128 Resp: 126854

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

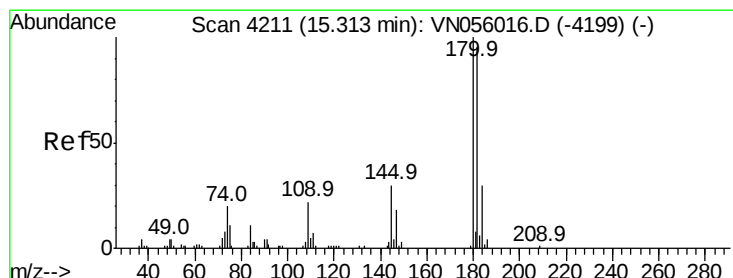
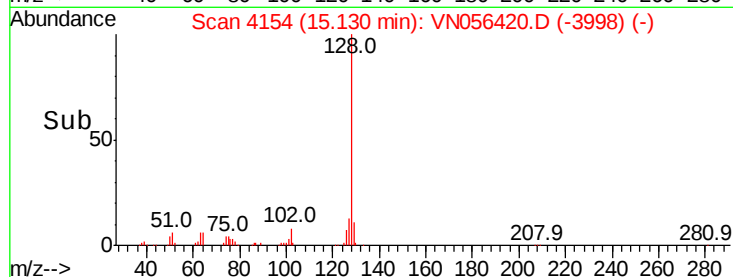
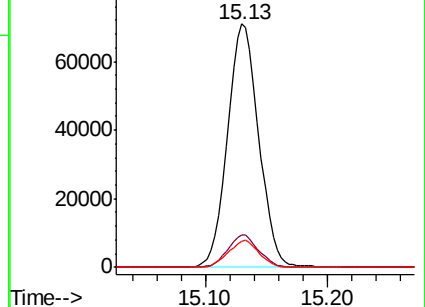
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 13.889 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056420.D

Acq: 21 Jun 2019 12:55

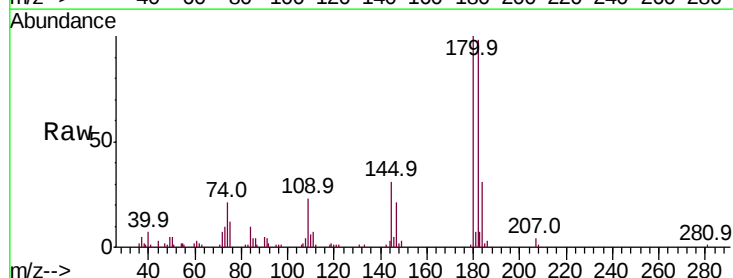
Tgt Ion:180 Resp: 52295

Ion Ratio Lower Upper

180 100

182 95.5 0.0 193.4

145 30.9 0.0 59.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

