

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056090.D
 Acq On : 7 Jun 2019 11:00
 Operator : JC/SP
 Sample : VN0608WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Quant Time: Jun 08 05:06:29 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	7.19	128	50931	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	270231	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	235137	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	95208	30.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.33%
60) 4-Bromofluorobenzene	12.40	95	100028	28.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.67%
63) Toluene-d8	10.09	98	323066	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	61851	21.592 ug/l	98
3) Chloromethane	2.06	50	69945	20.898 ug/l	99
4) Vinyl Chloride	2.18	62	68692	20.130 ug/l	98
5) Bromomethane	2.55	94	46245	21.564 ug/l	100
6) Chloroethane	2.69	64	39991	20.719 ug/l	94
7) Trichlorofluoromethane	3.01	101	84590	20.035 ug/l	97
8) Diethyl Ether	3.41	74	33782	18.866 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	52808	20.262 ug/l	98
10) 1,1-Dichloroethene	3.72	96	52879	19.890 ug/l	100
11) Methyl Iodide	3.94	142	72528	17.291 ug/l	99
12) Methyl Acetate	4.33	43	62206	19.471 ug/l	99
13) Acrolein	3.60	56	17191	110.400 ug/l	98
14) Acrylonitrile	4.99	53	142745	100.193 ug/l	99
15) Acetone	3.82	58	43849	93.998 ug/l	97
16) Carbon Disulfide	4.04	76	110902	17.532 ug/l	100
17) Allyl chloride	4.31	41	79042	19.189 ug/l	99
18) Methylene Chloride	4.54	84	61934	20.123 ug/l	98
19) trans-1,2-Dichloroethene	5.03	96	55733	19.639 ug/l	95
20) Diisopropyl ether	5.95	45	170778	20.010 ug/l	98
21) 1,1-Dichloroethane	5.84	63	97617	19.682 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	66082	19.951 ug/l	99
23) tert-Butyl Alcohol	4.82	59	51684	93.200 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	164514	19.417 ug/l	99
25) Chloroform	7.37	83	99122	20.014 ug/l	100
26) Cyclohexane	7.65	56	90730	19.718 ug/l	# 100
29) 1,1-Dichloropropene	7.79	75	72484	19.830 ug/l	99
30) 2-Butanone	6.84	43	190862	99.183 ug/l	99
31) 2,2-Dichloropropane	6.82	77	66416	19.531 ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	80441	19.918 ug/l	99
33) Carbon Tetrachloride	7.77	117	64846	18.952 ug/l	96
34) Benzene	8.04	78	236777	20.330 ug/l	100
35) Methacrylonitrile	7.17	41	31418	19.334 ug/l	98
36) 1,2-Dichloroethane	8.12	62	75938	20.816 ug/l	98
37) Trichloroethene	8.83	130	65597	20.128 ug/l	98
38) Methylcyclohexane	9.08	83	92052	19.864 ug/l	97
39) 1,2-Dichloropropane	9.12	63	61432	20.595 ug/l	98
40) Dibromomethane	9.21	93	39376	19.909 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056090.D
 Acq On : 7 Jun 2019 11:00
 Operator : JC/SP
 Sample : VN0608WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Quant Time: Jun 08 05:06:29 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)
41) Bromodichloromethane	9.40	83	67541	19.071	ug/l	99
42) Vinyl Acetate	5.90	43	684710	99.803	ug/l	99
43) Ethyl Acetate	6.93	43	72718	19.745	ug/l	94
44) Isopropyl Acetate	8.17	43	111083	19.426	ug/l	100
45) 1,4-Dioxane	9.20	88	26032	425.564	ug/l	97
46) Methyl methacrylate	9.20	41	54014	19.014	ug/l	98
47) n-amyl Acetate	12.07	43	86860	18.368	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	66191	17.760	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	81103	18.584	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	58182	19.806	ug/l	98
51) Ethyl methacrylate	10.43	69	84821	19.086	ug/l	99
52) 1,3-Dichloropropane	10.71	76	95507	20.054	ug/l	99
53) Dibromochloromethane	10.90	129	52532	18.268	ug/l	97
54) 1,2-Dibromoethane	11.00	107	59926	19.549	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	142624	91.621	ug/l	99
56) Bromoform	12.13	173	34591	16.628	ug/l #	97
58) 4-Methyl-2-Pentanone	9.99	43	361066	101.407	ug/l	99
59) 2-Hexanone	10.75	43	254046	99.826	ug/l	99
61) Tetrachloroethene	10.63	164	66365	20.251	ug/l	97
62) Toluene	10.16	91	254584	20.056	ug/l	99
64) Chlorobenzene	11.43	112	154666	20.088	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	52704	18.983	ug/l	99
66) Ethyl Benzene	11.51	91	269871	19.961	ug/l	100
67) m/p-Xylenes	11.62	106	204657	39.548	ug/l	98
68) o-Xylene	11.95	106	102129	20.159	ug/l	99
69) Styrene	11.96	104	157260	19.105	ug/l	98
70) Isopropylbenzene	12.25	105	265939	20.091	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	82019	20.552	ug/l	97
72) 1,2,3-Trichloropropane	12.55	75	89241	25.831	ug/l	72
73) Bromobenzene	12.53	156	68243	19.423	ug/l	99
74) n-propylbenzene	12.59	91	273925	19.610	ug/l	99
75) 2-Chlorotoluene	12.67	91	173695	20.047	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	218227	20.043	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	15194	15.413	ug/l	91
78) 4-Chlorotoluene	12.77	91	155658	19.237	ug/l	99
79) tert-butylbenzene	12.99	119	191863	19.890	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	207732	19.613	ug/l	100
81) sec-Butylbenzene	13.17	105	243986	19.994	ug/l	100
82) p-Isopropyltoluene	13.29	119	215279	19.512	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	103227	18.853	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	94810	18.178	ug/l	99
85) n-Butylbenzene	13.61	91	143269	17.399	ug/l	99
86) Hexachloroethane	13.87	117	29436	17.114	ug/l	94
87) 1,2-Dichlorobenzene	13.65	146	107404	19.298	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	10582	16.892	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	39203	18.597	ug/l	98
90) Hexachlorobutadiene	15.01	225	39744	19.561	ug/l	98
91) Naphthalene	15.13	128	104980	14.202	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	46332	15.903	ug/l	99

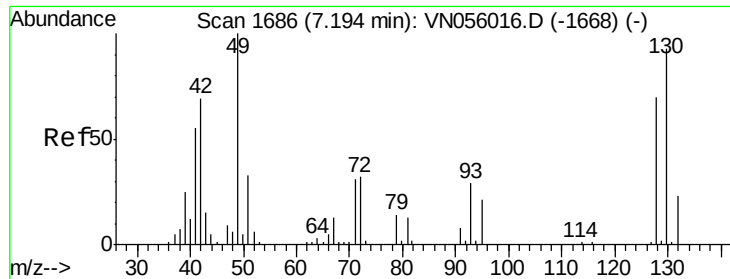
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
Data File : VN056090.D
Acq On : 7 Jun 2019 11:00
Operator : JC/SP
Sample : VN0608WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Quant Time: Jun 08 05:06:29 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)
--------------------	------	------	----------	------	-------	----------

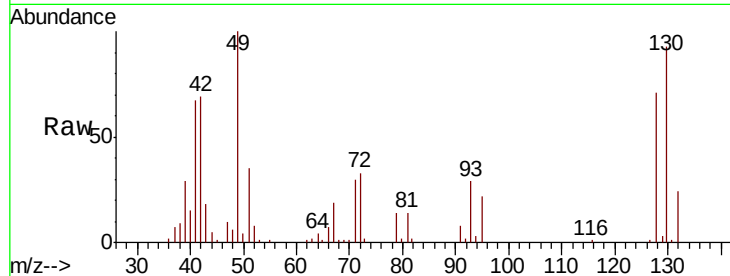
(#) = qualifier out of range (m) = manual integration (+) = signals summed



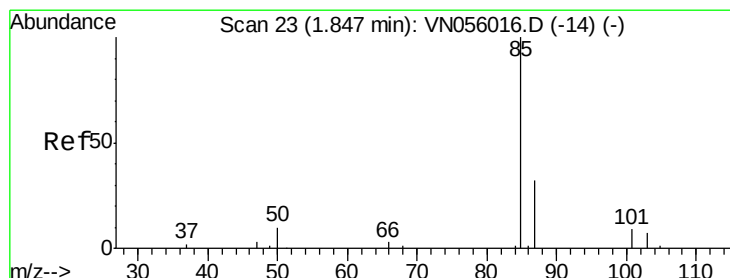
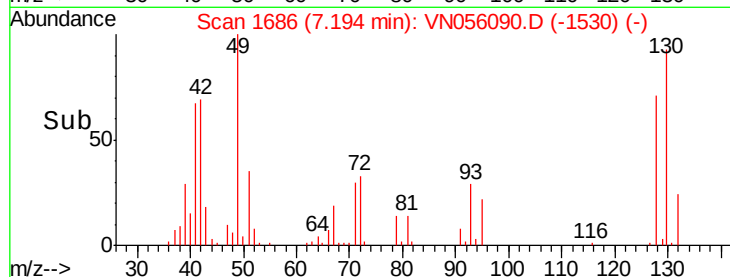
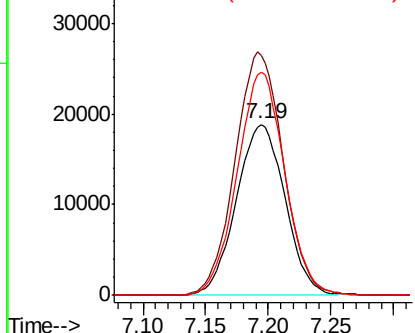
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0608WBSD01

Tot Ion:128 Resp: 50931
 Ion Ratio Lower Upper
 128 100
 49 141.1 0.0 355.8
 130 127.9 0.0 326.3

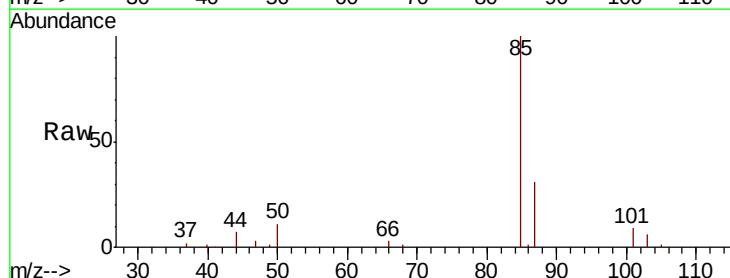


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

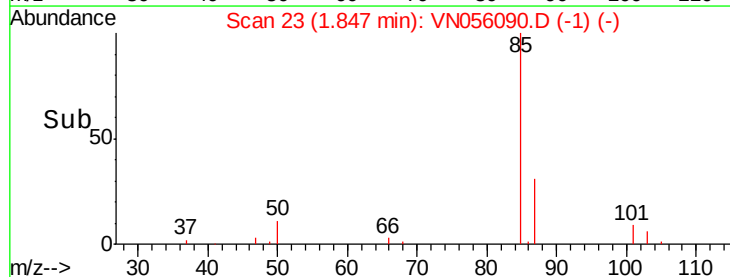
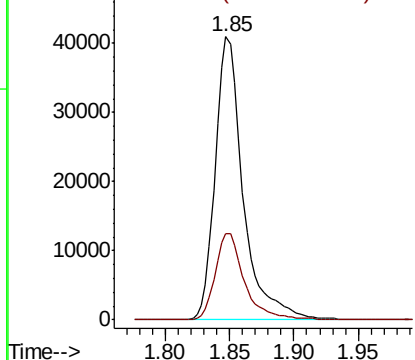


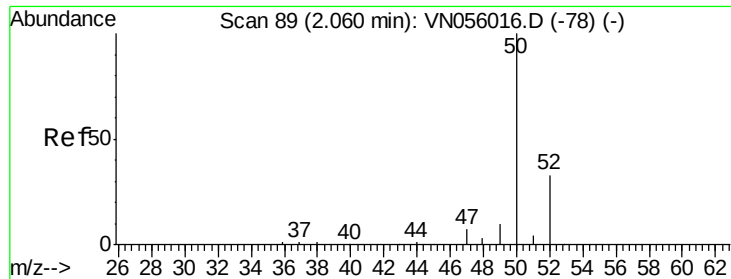
#2
 Dichlorodifluoromethane
 Concen: 21.592 ug/l
 RT: 1.85 min Scan# 23
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 85 Resp: 61851
 Ion Ratio Lower Upper
 85 100
 87 30.7 15.9 47.7



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





#3

Chloromethane

Concen: 20.898 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

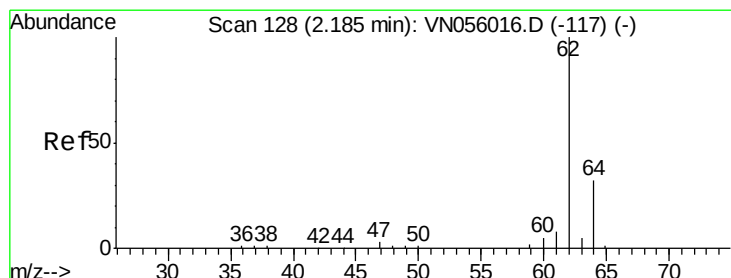
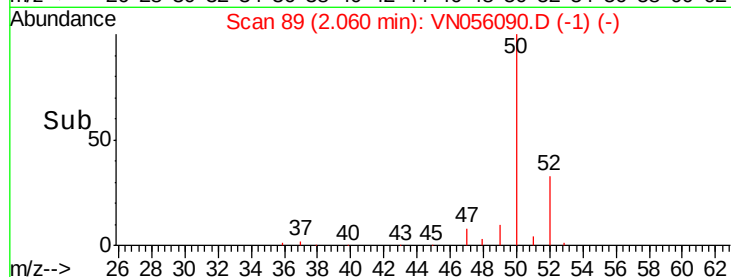
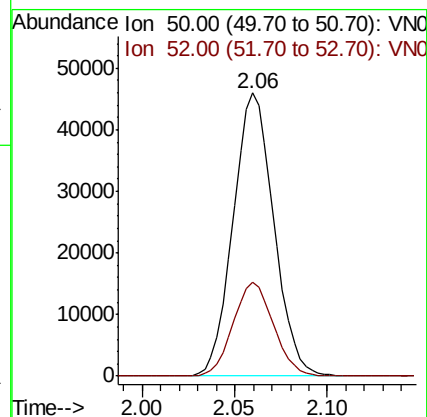
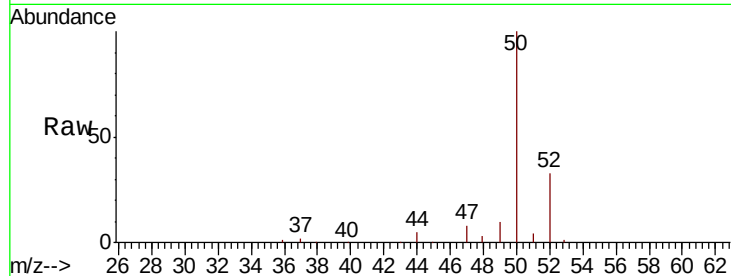
VN0608WBSD01

Tot Ion: 50 Resp: 69945

Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1



#4

Vinyl Chloride

Concen: 20.130 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056090.D

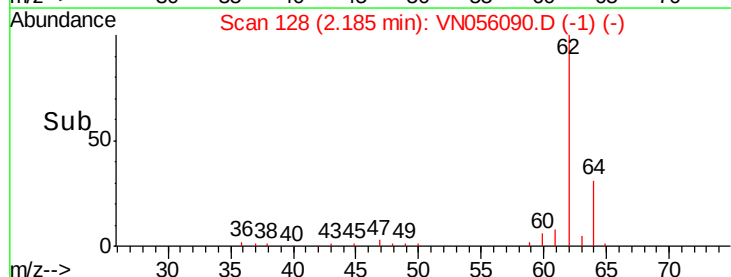
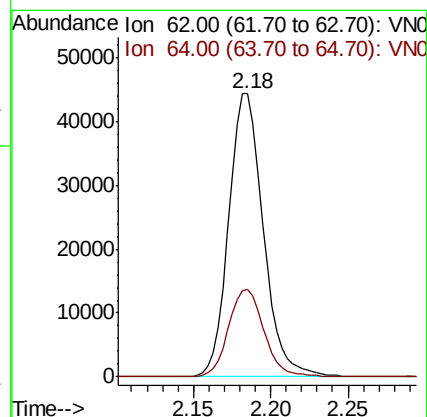
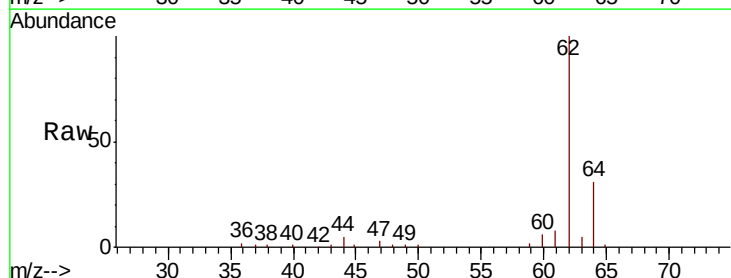
Acq: 7 Jun 2019 11:00

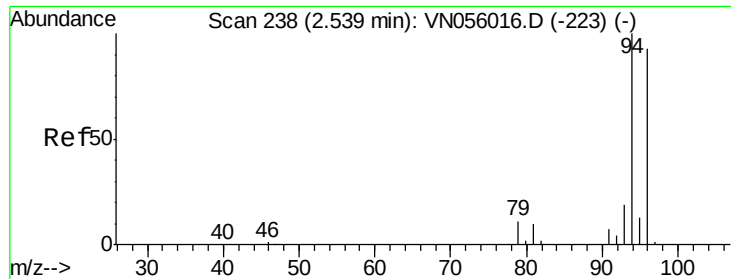
Tgt Ion: 62 Resp: 68692

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.8





#5

Bromomethane

Concen: 21.564 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

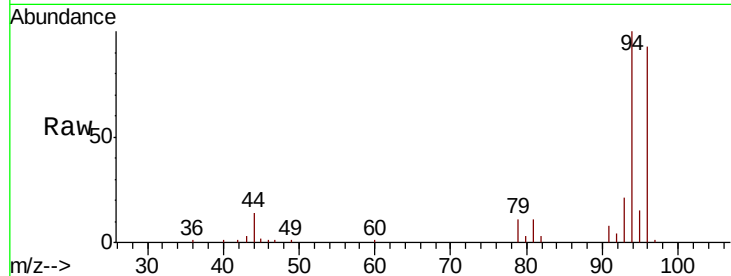
VN0608WBSD01

Tot Ion: 94 Resp: 46245

Ion Ratio Lower Upper

94 100

96 92.7 74.1 111.1



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

25000

20000

15000

10000

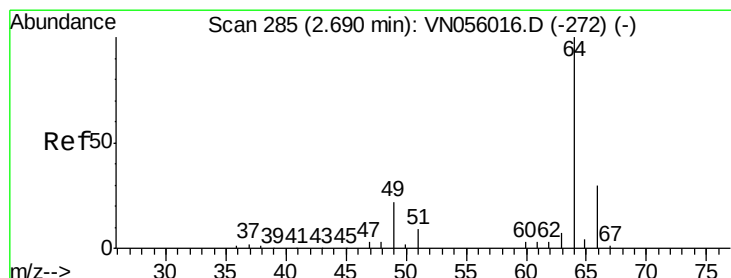
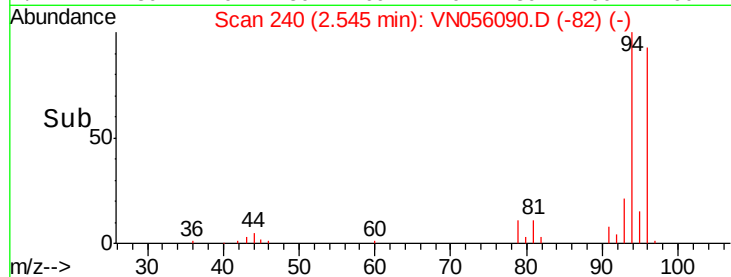
5000

0

2.55

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 20.719 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN056090.D

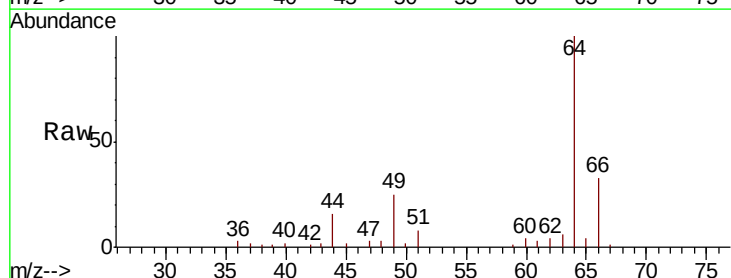
Acq: 7 Jun 2019 11:00

Tgt Ion: 64 Resp: 39991

Ion Ratio Lower Upper

64 100

66 32.9 23.7 35.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

20000

15000

10000

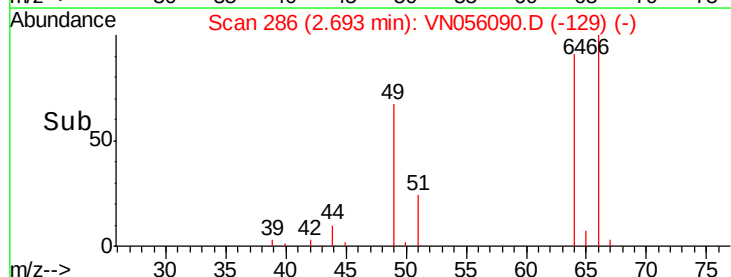
5000

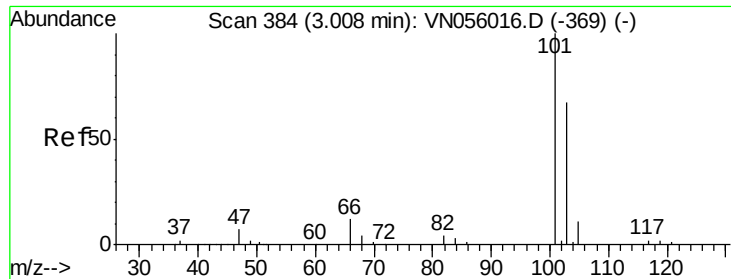
0

2.69

2.60 2.65 2.70 2.75 2.80

Time-->



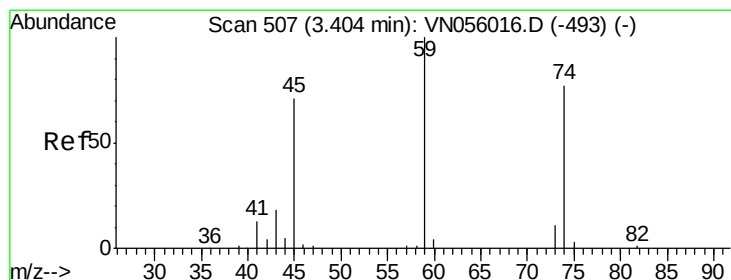
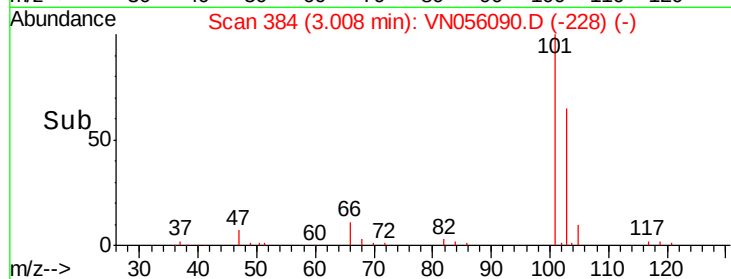
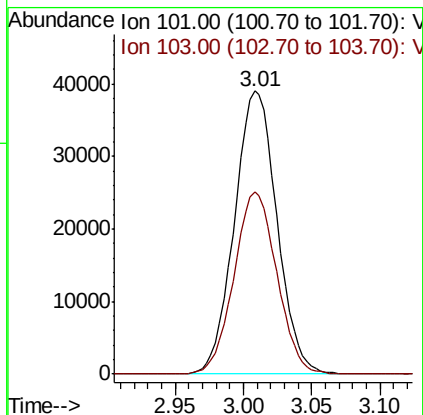
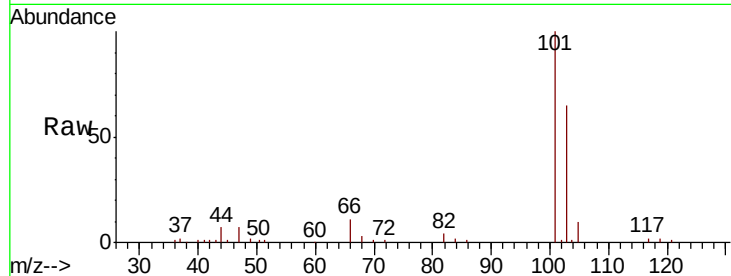


#7

Trichlorofluoromethane
Concen: 20.035 ug/l
RT: 3.01 min Scan# 384
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

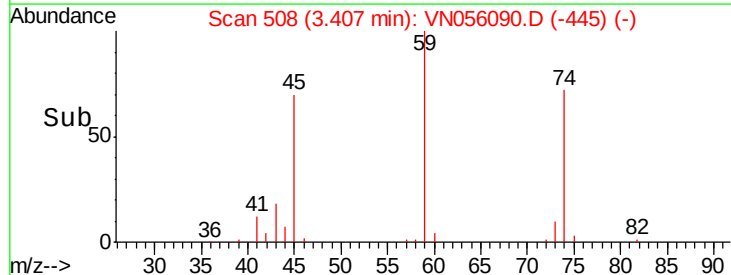
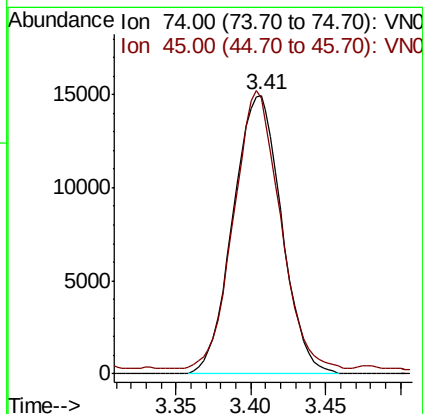
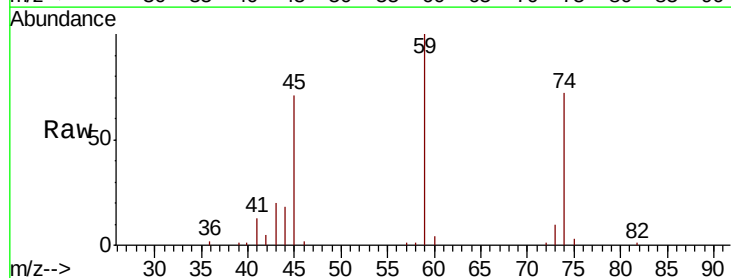
Tot Ion:101 Resp: 84590
Ion Ratio Lower Upper
101 100
103 64.6 53.4 80.0

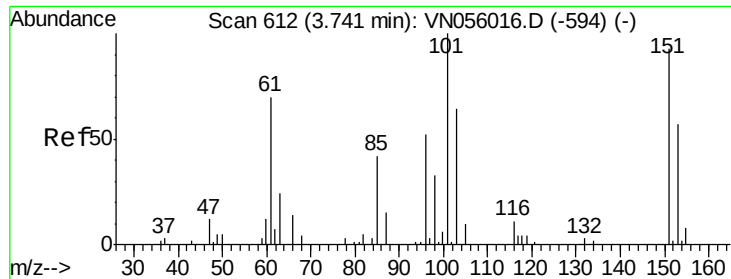


#8

Diethyl Ether
Concen: 18.866 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion: 74 Resp: 33782
Ion Ratio Lower Upper
74 100
45 94.6 18.8 169.6

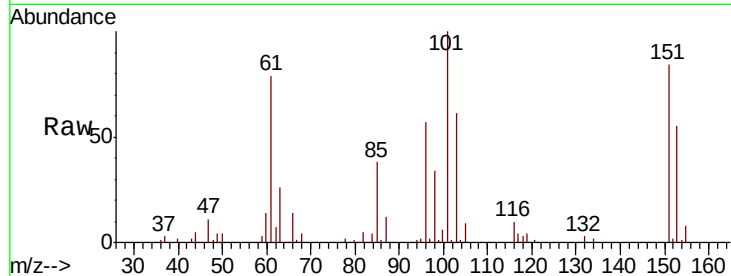




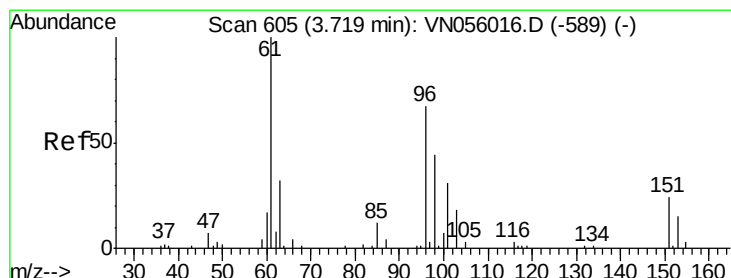
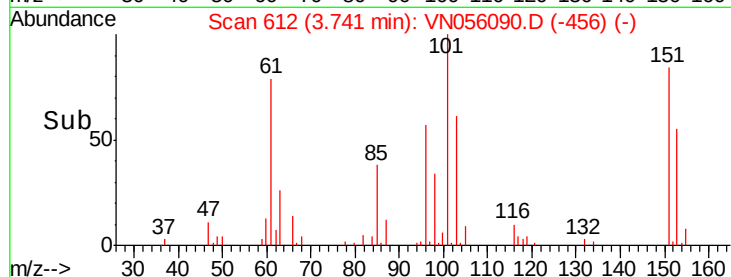
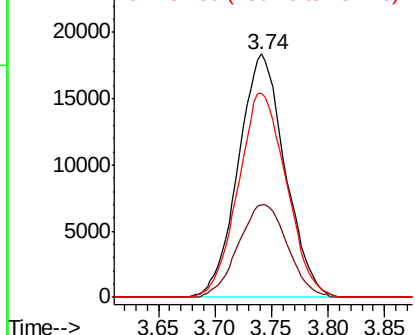
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.262 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Tot Ion:101 Resp: 52808
 Ion Ratio Lower Upper
 101 100
 85 40.1 0.0 82.0
 151 86.4 0.0 177.0

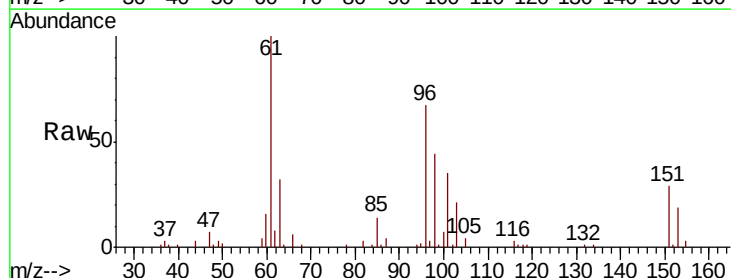


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VN
 Ion 151.00 (150.70 to 151.70): V

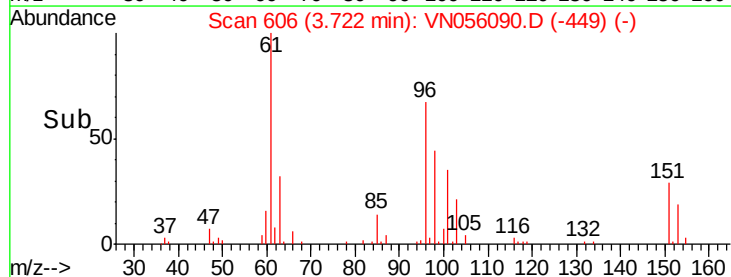
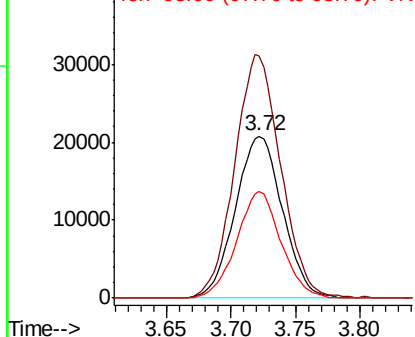


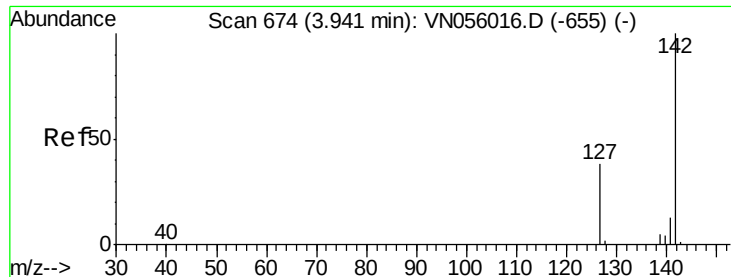
#10
 1,1-Dichloroethene
 Concen: 19.890 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 96 Resp: 52879
 Ion Ratio Lower Upper
 96 100
 61 149.8 119.7 179.5
 98 65.9 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

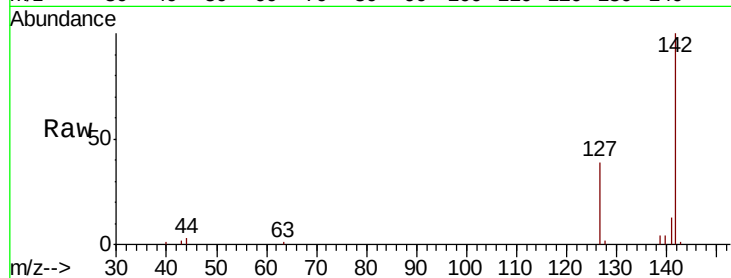




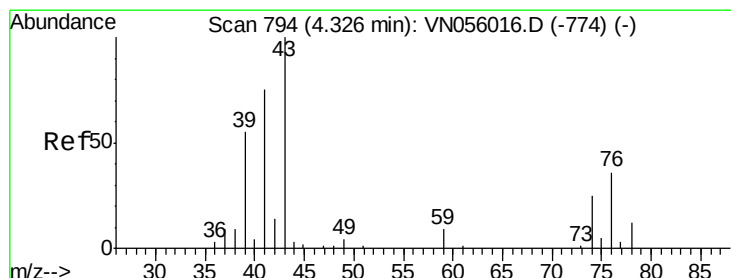
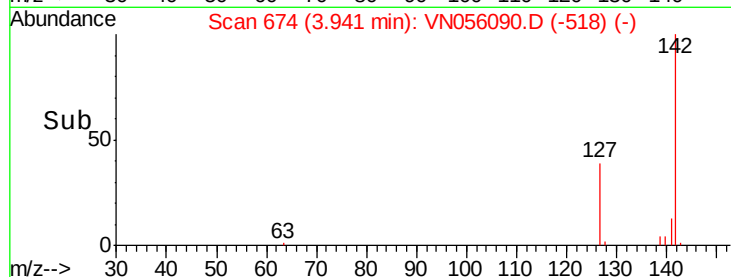
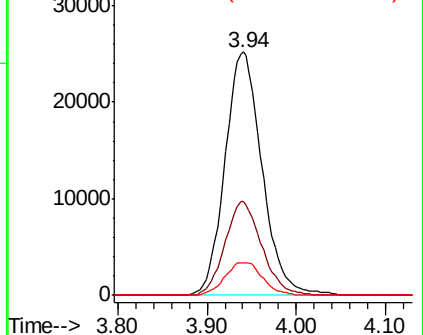
#11
Methyl Iodide
Concen: 17.291 ug/l
RT: 3.94 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0608WBSD01

Tot Ion:142 Resp: 72528
Ion Ratio Lower Upper
142 100
127 38.7 19.0 57.0
141 13.3 6.7 20.0

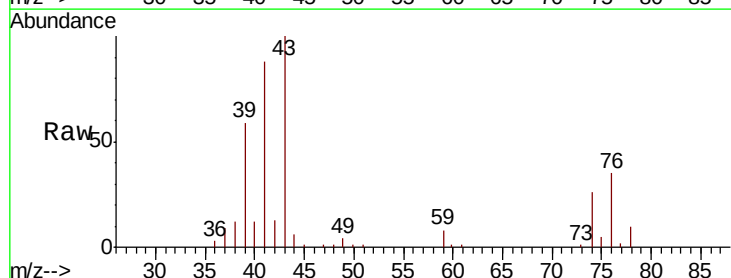


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

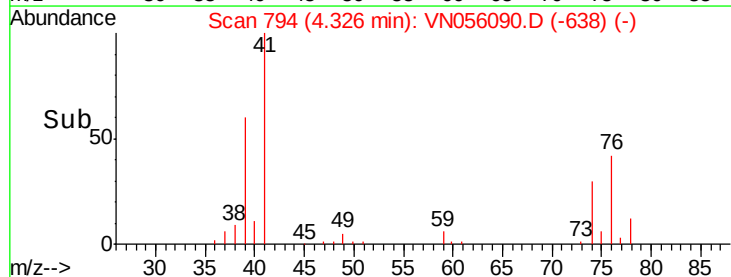
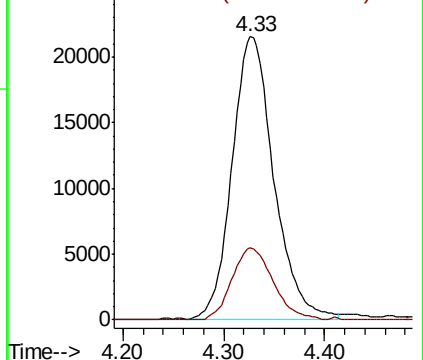


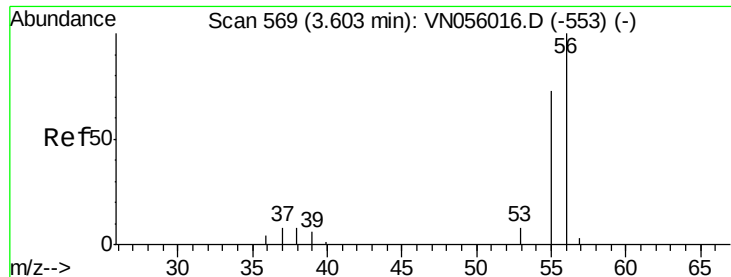
#12
Methyl Acetate
Concen: 19.471 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion: 43 Resp: 62206
Ion Ratio Lower Upper
43 100
74 25.4 19.9 29.9



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





#13

Acrolein

Concen: 110.400 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

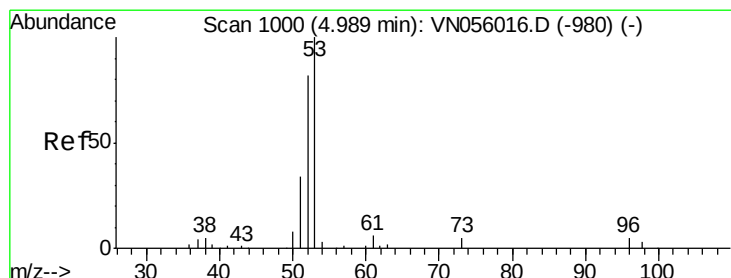
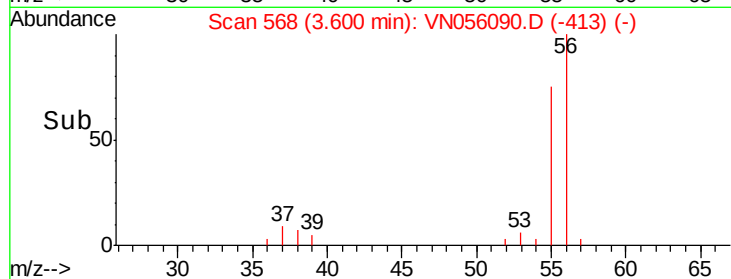
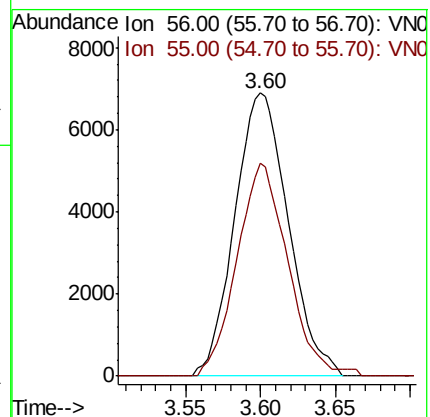
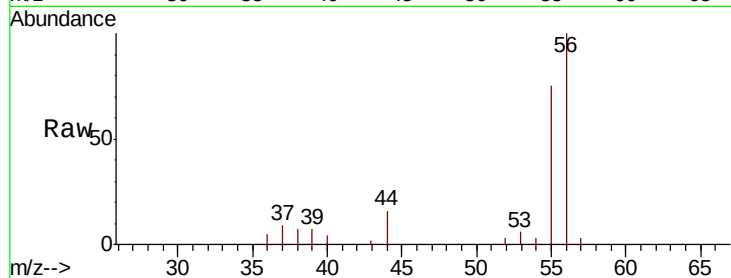
VN0608WBSD01

Tot Ion: 56 Resp: 17191

Ion Ratio Lower Upper

56 100

55 70.7 57.9 86.9



#14

Acrylonitrile

Concen: 100.193 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

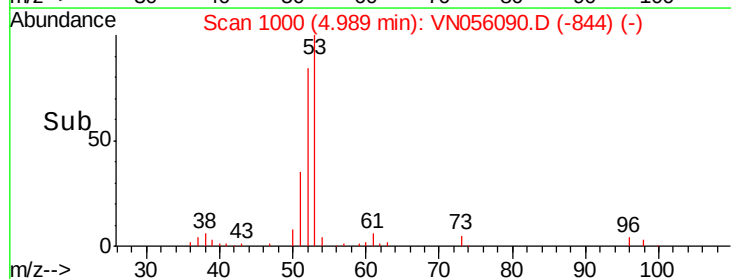
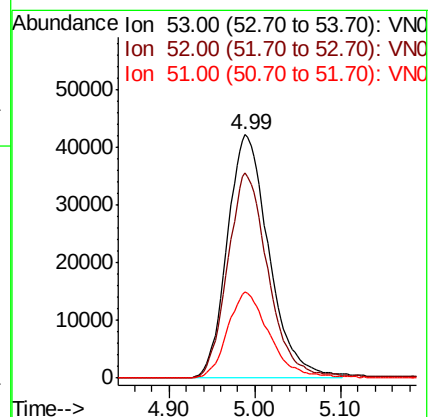
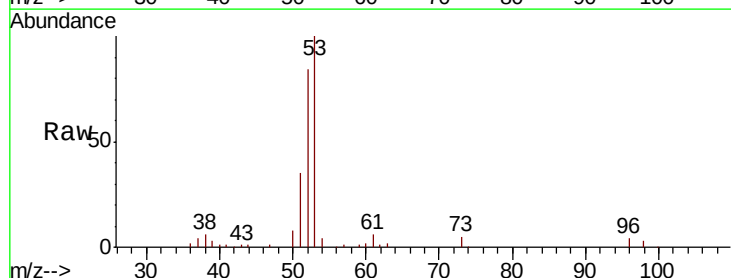
Tgt Ion: 53 Resp: 142745

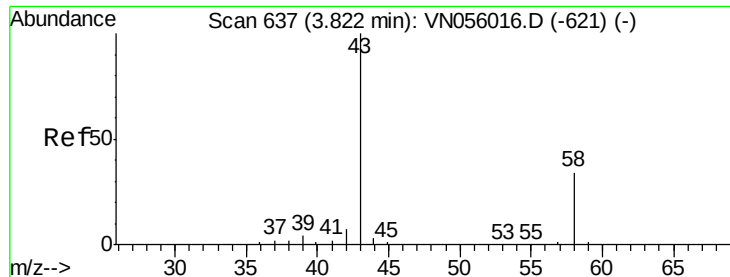
Ion Ratio Lower Upper

53 100

52 81.8 40.8 122.2

51 35.5 17.3 52.0





#15

Acetone

Concen: 93.998 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

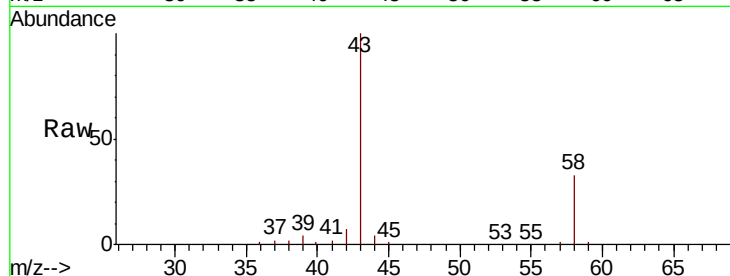
VN0608WBSD01

Tot Ion: 58 Resp: 43849

Ion Ratio Lower Upper

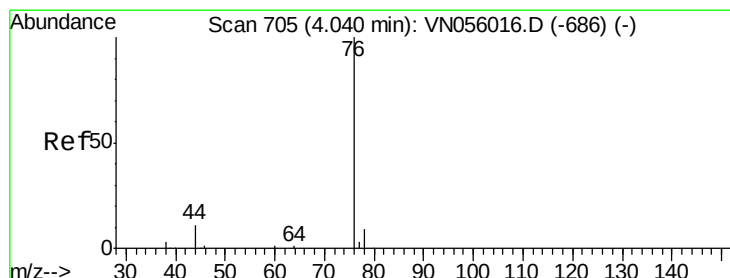
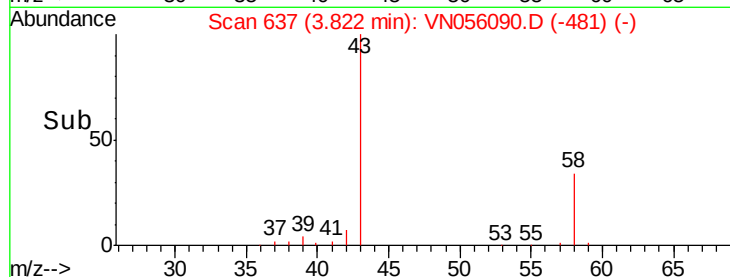
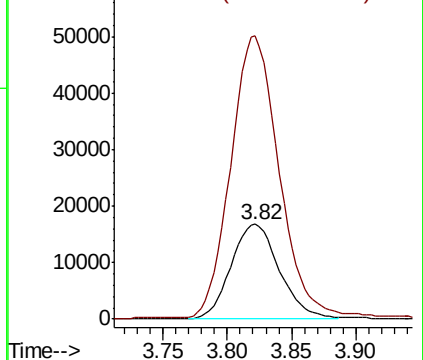
58 100

43 296.3 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 17.532 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056090.D

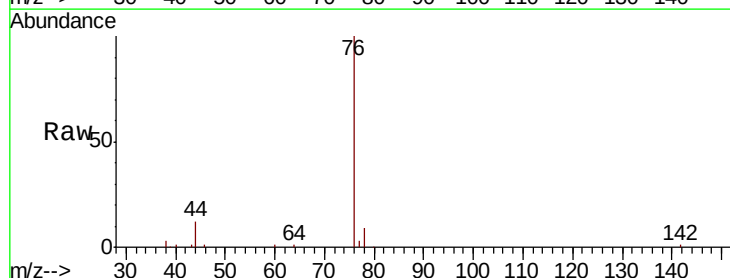
Acq: 7 Jun 2019 11:00

Tgt Ion: 76 Resp: 110902

Ion Ratio Lower Upper

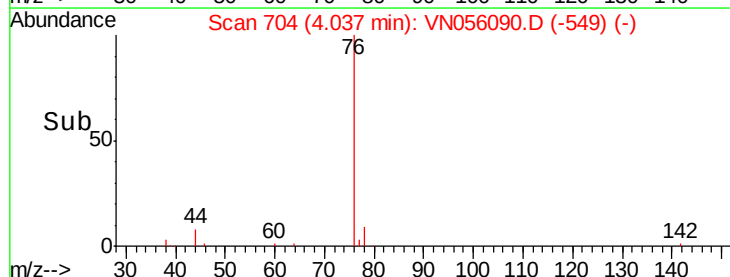
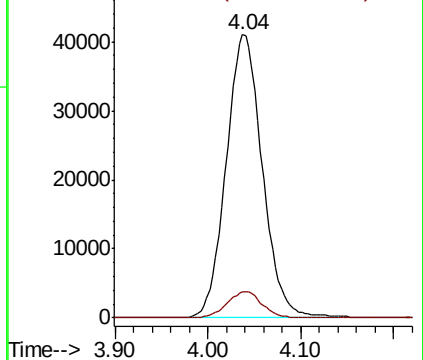
76 100

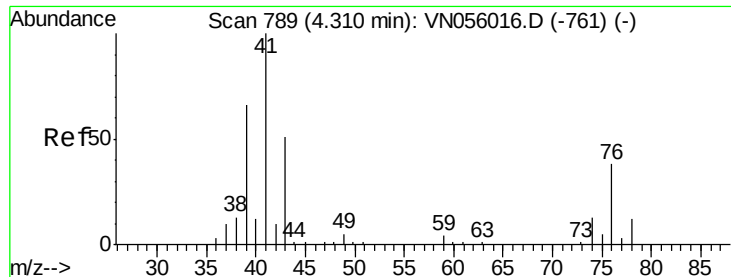
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

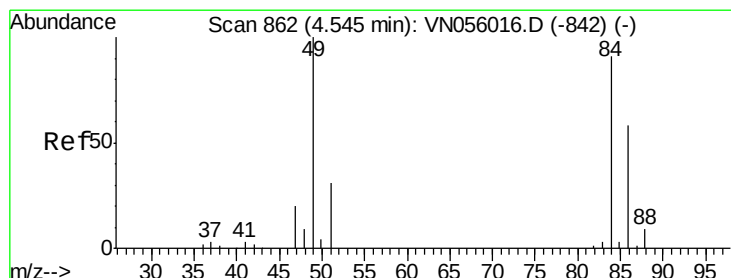
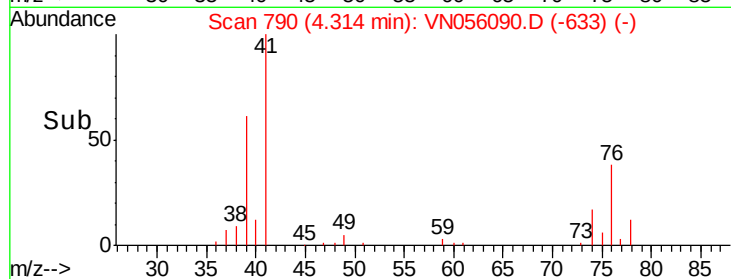
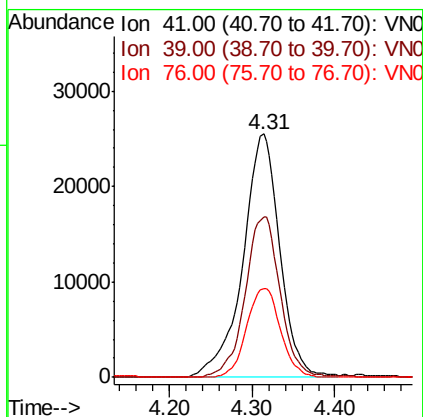
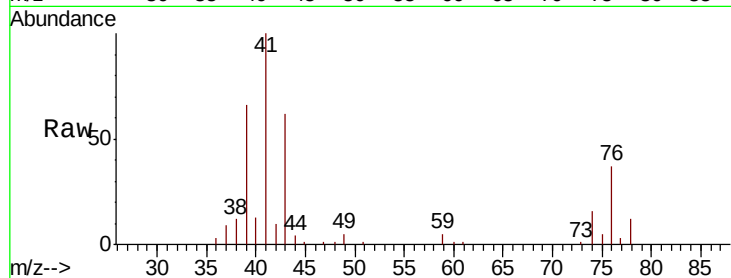




#17
Allvl chloride
Concen: 19.189 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

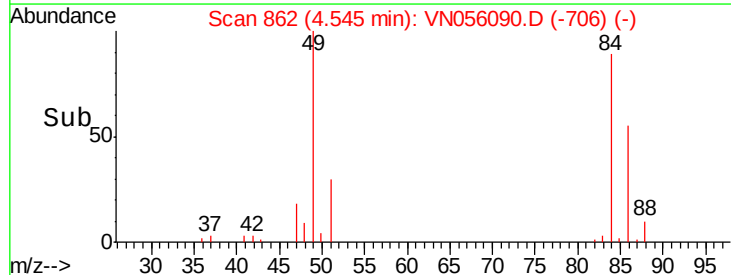
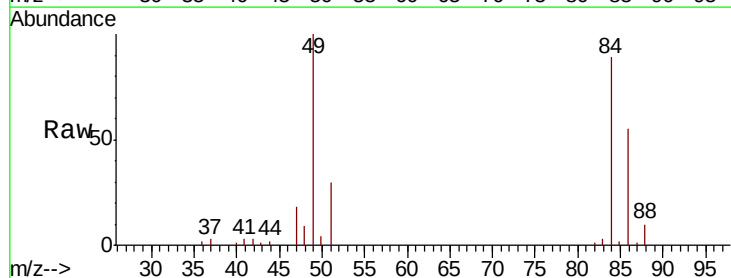
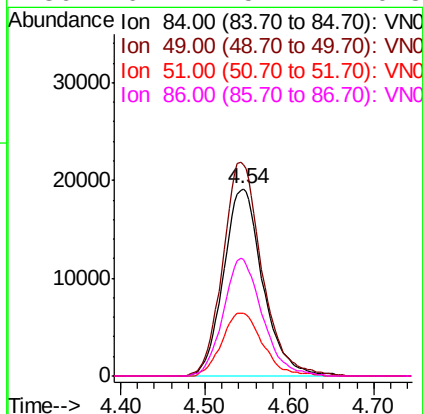
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

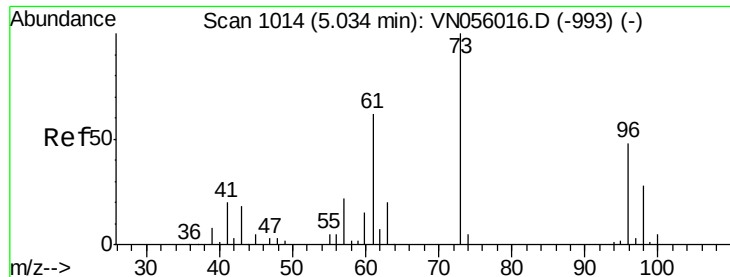
Tot Ion: 41 Resp: 79042
Ion Ratio Lower Upper
41 100
39 65.7 33.0 99.0
76 36.6 18.9 56.9



#18
Methylene Chloride
Concen: 20.123 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion: 84 Resp: 61934
Ion Ratio Lower Upper
84 100
49 112.1 87.6 131.4
51 33.8 27.0 40.4
86 62.2 51.2 76.8

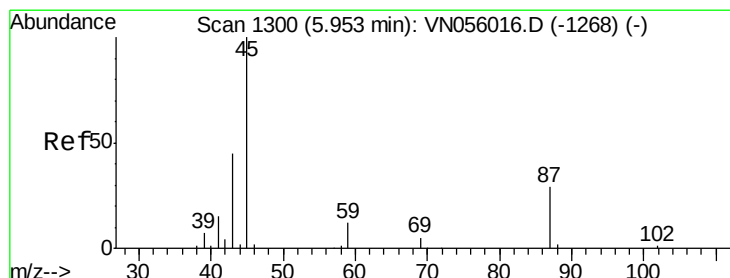
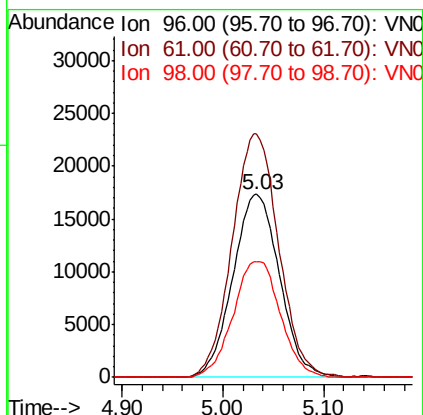
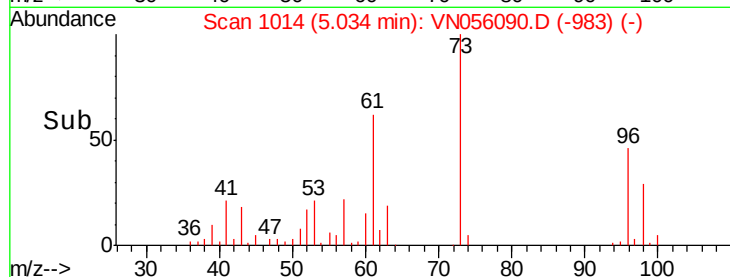
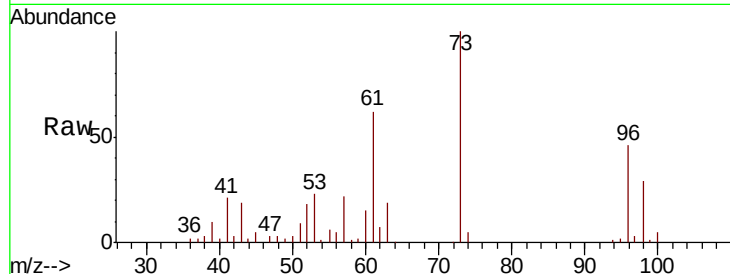




#19
trans-1,2-Dichloroethene
Concen: 19.639 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

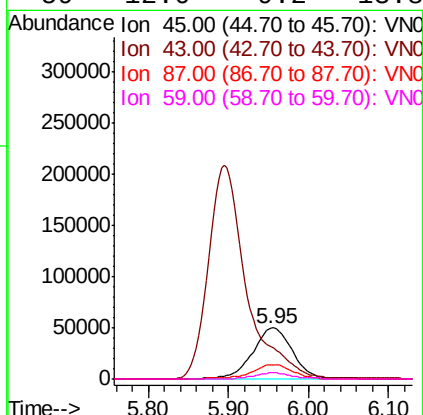
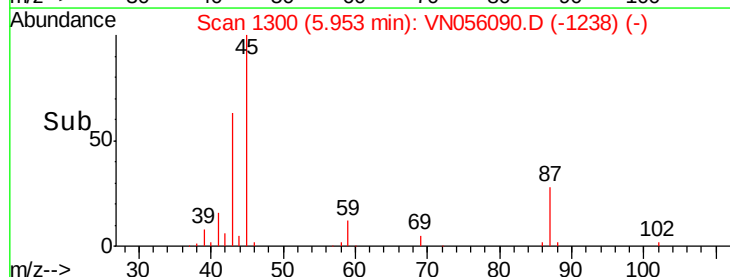
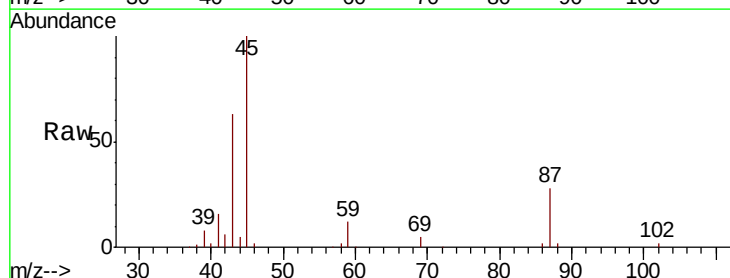
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

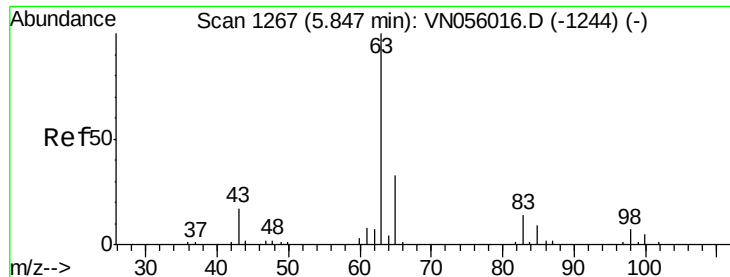
Tot Ion: 96 Resp: 55733
Ion Ratio Lower Upper
96 100
61 132.9 102.5 153.7
98 62.9 46.9 70.3



#20
Diisopropyl ether
Concen: 20.010 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion: 45 Resp: 170778
Ion Ratio Lower Upper
45 100
43 59.6 48.0 72.0
87 27.3 23.4 35.2
59 12.0 9.2 13.8

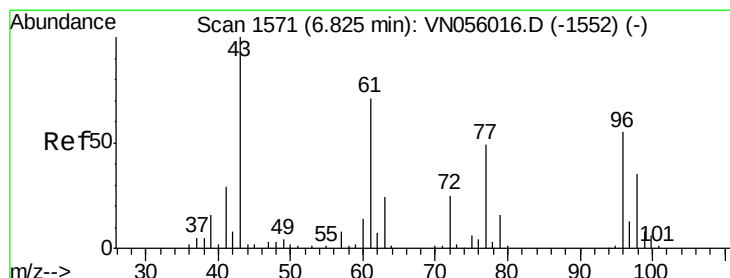
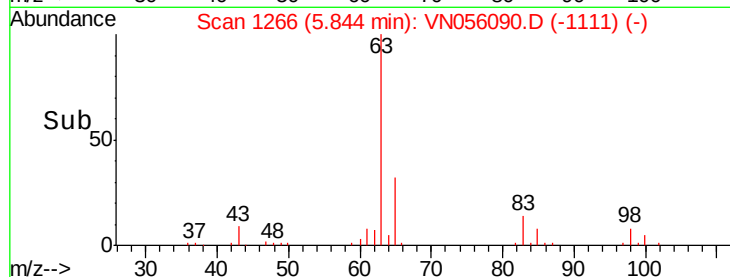
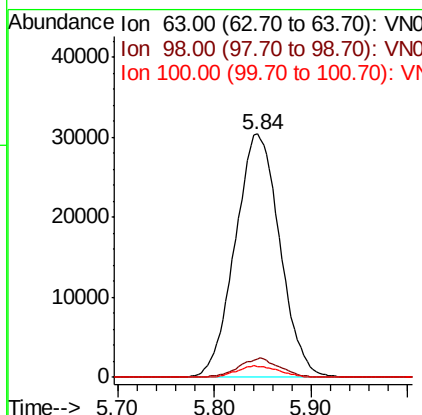
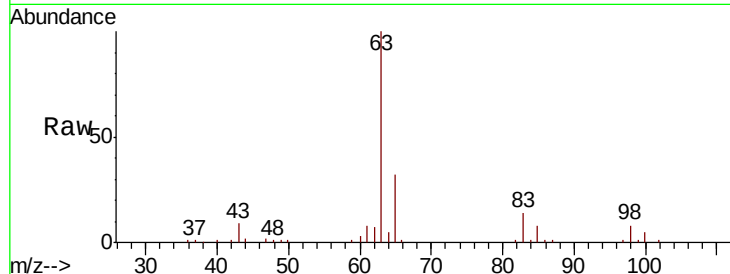




#21
 1,1-Dichloroethane
 Concen: 19.682 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

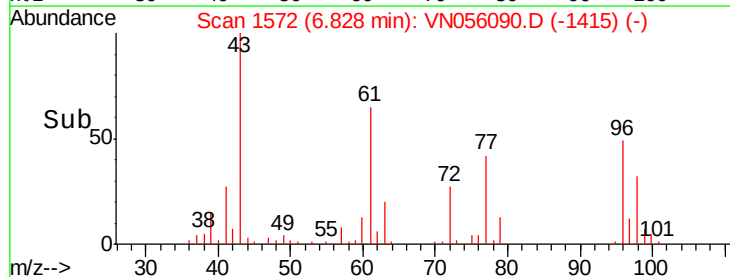
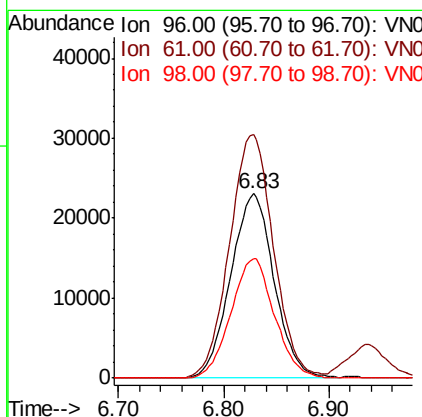
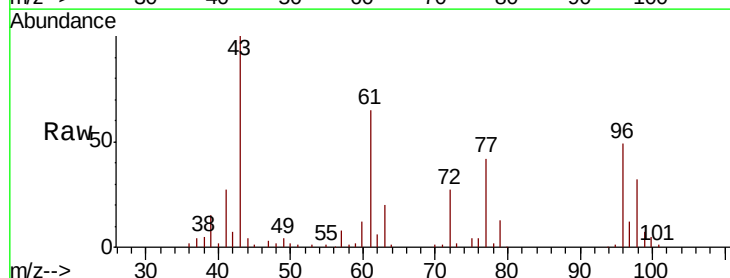
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

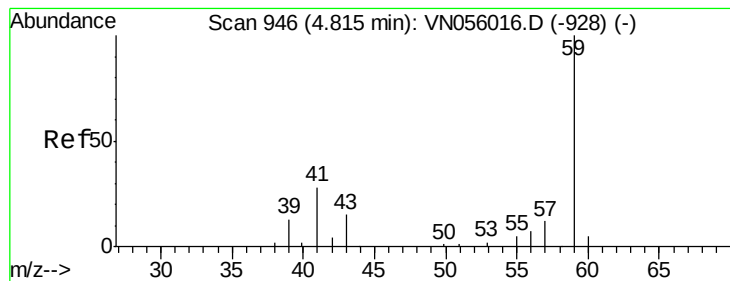
Tot Ion: 63 Resp: 97617
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 4.5 2.3 6.9



#22
 cis-1,2-Dichloroethene
 Concen: 19.951 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 96 Resp: 66082
 Ion Ratio Lower Upper
 96 100
 61 133.6 105.7 158.5
 98 64.7 52.0 78.0





#23

tert-Butyl Alcohol

Concen: 93.200 ug/l

RT: 4.82 min Scan# 946

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

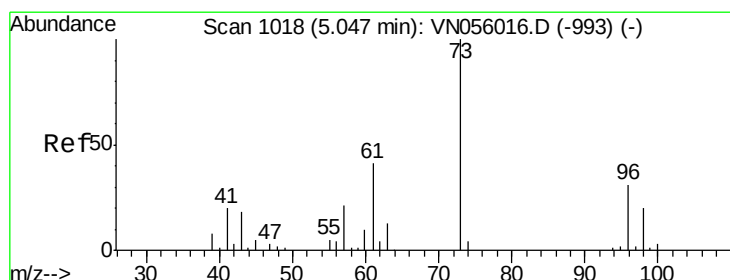
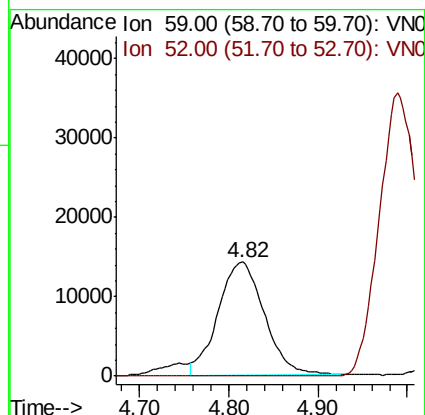
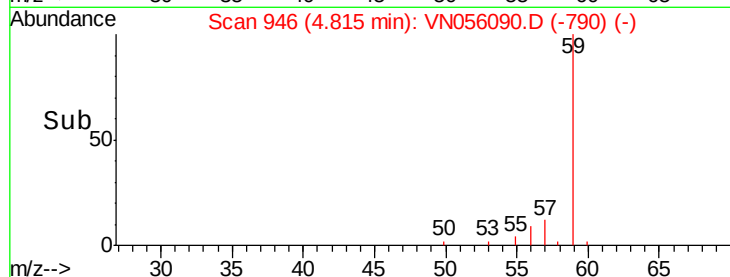
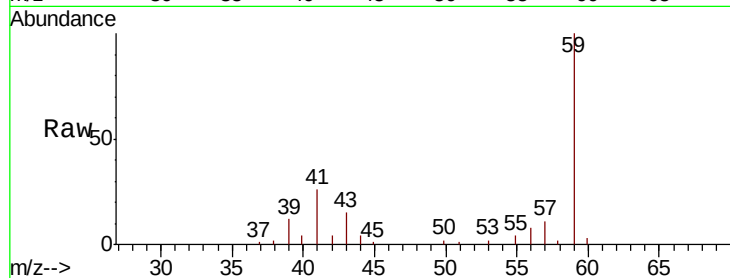
VN0608WBSD01

Tot Ion: 59 Resp: 51684

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.417 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN056090.D

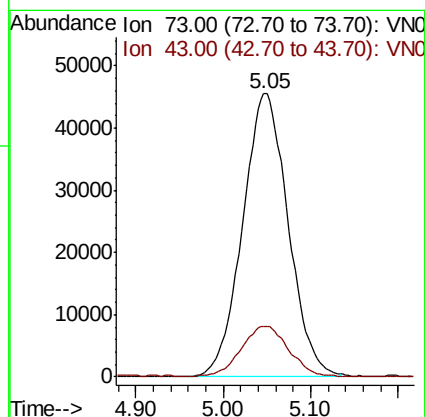
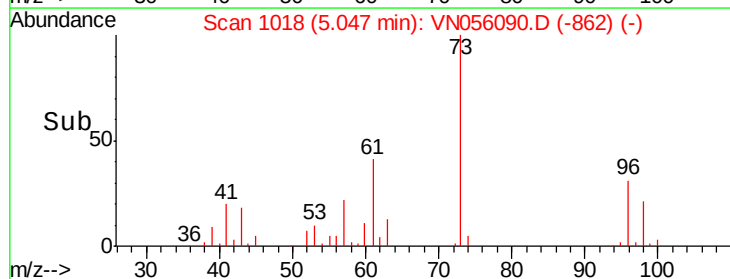
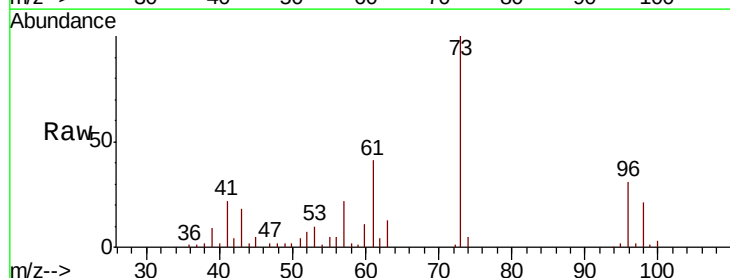
Acq: 7 Jun 2019 11:00

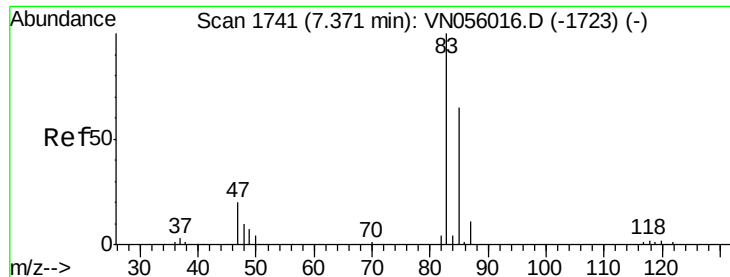
Tgt Ion: 73 Resp: 164514

Ion Ratio Lower Upper

73 100

43 18.9 15.4 23.0

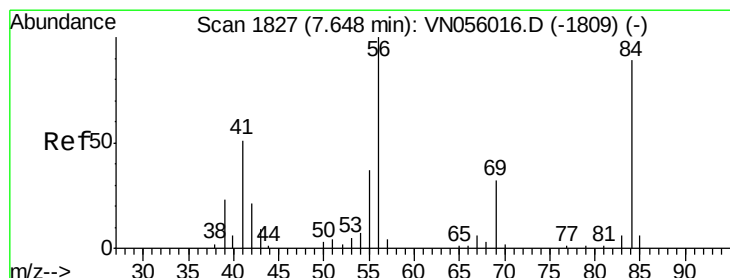
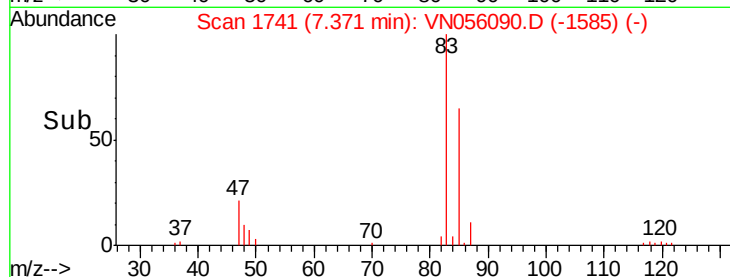
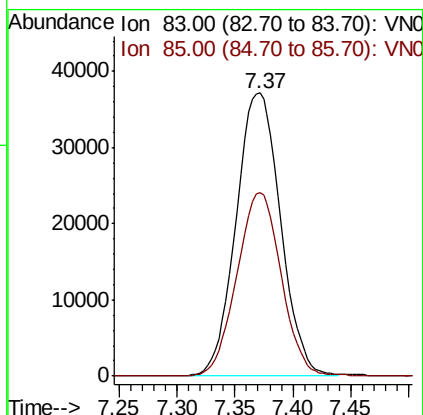
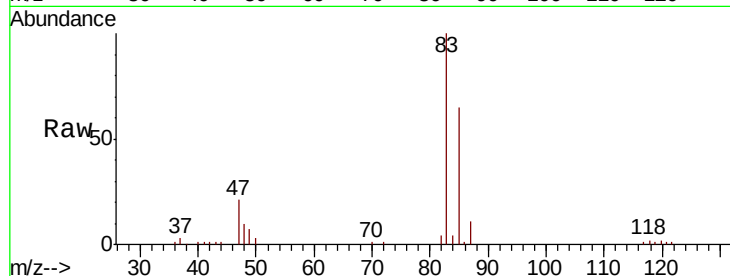




#25
Chloroform
Concen: 20.014 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

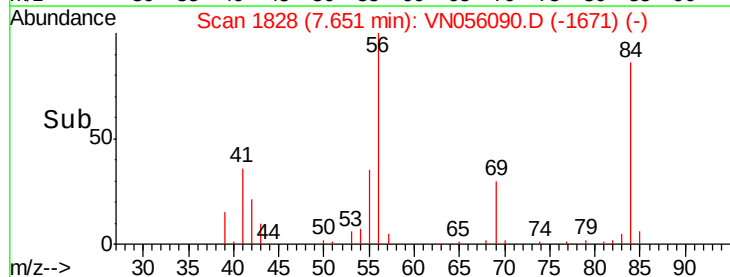
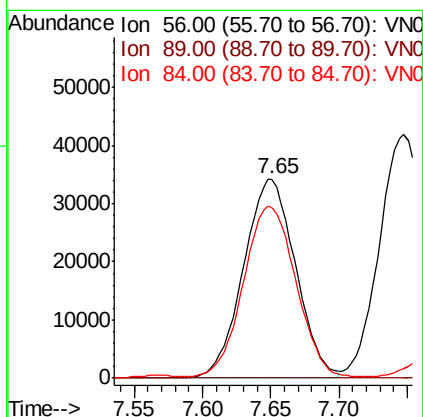
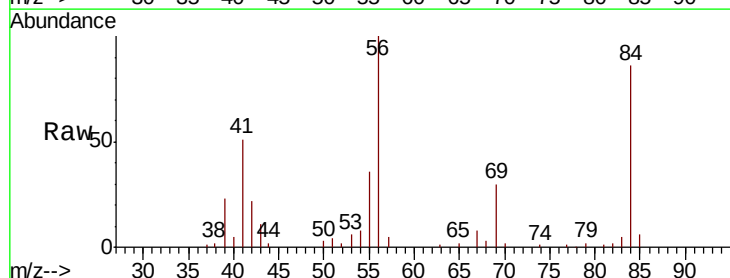
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

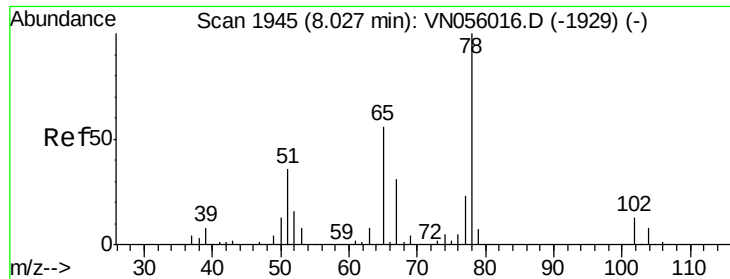
Tot Ion: 83 Resp: 99122
Ion Ratio Lower Upper
83 100
85 64.6 52.0 78.0



#26
Cyclohexane
Concen: 19.718 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion: 56 Resp: 90730
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.6 70.1 105.1

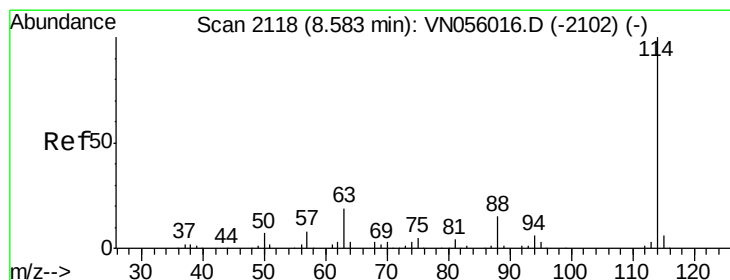
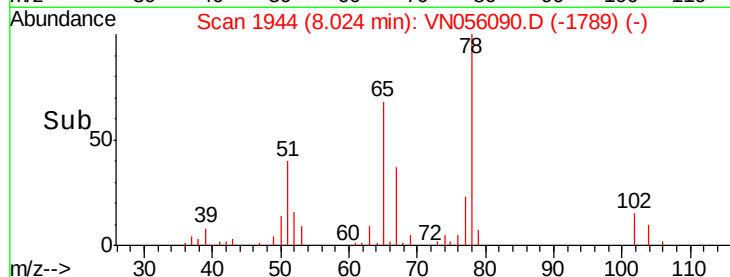
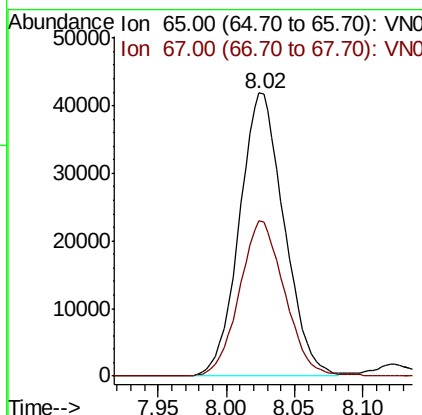
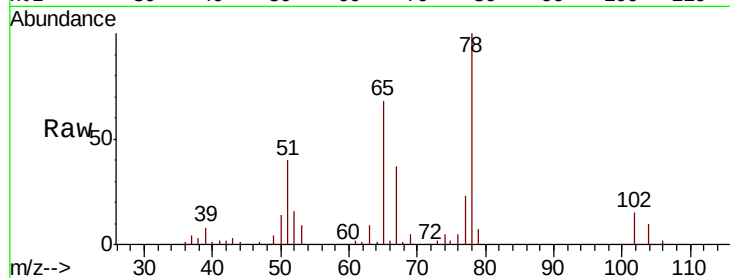




#27
 1,2-Dichloroethane-d4
 Concen: 30.103 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

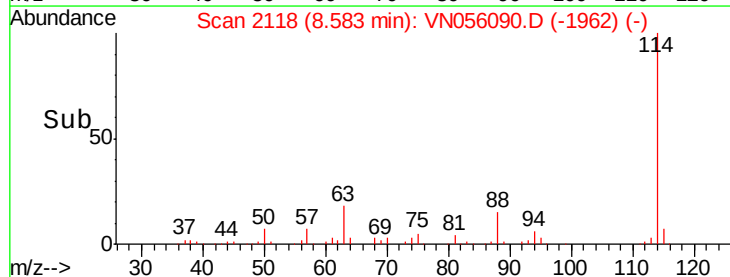
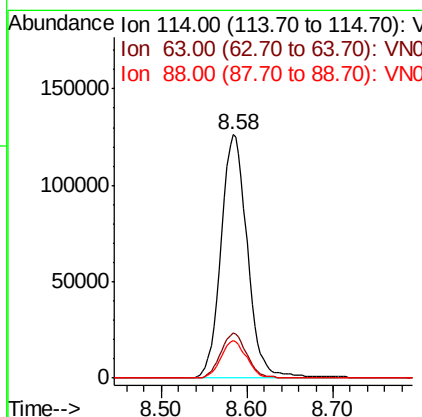
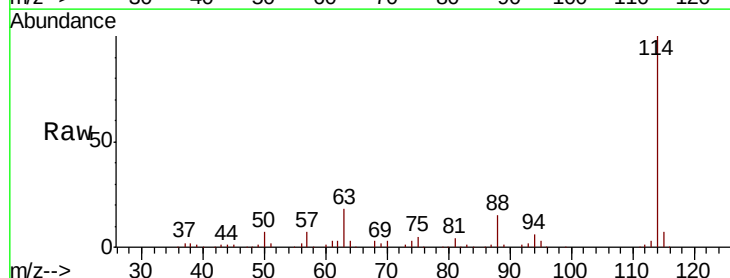
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

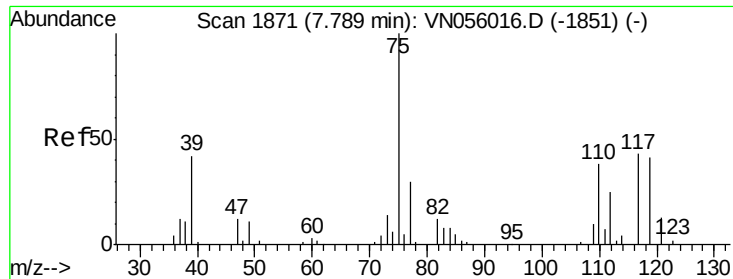
Tot Ion: 65 Resp: 95208
 Ion Ratio Lower Upper
 65 100
 67 55.4 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 114 Resp: 270231
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.7 22.1
 88 15.0 11.9 17.9

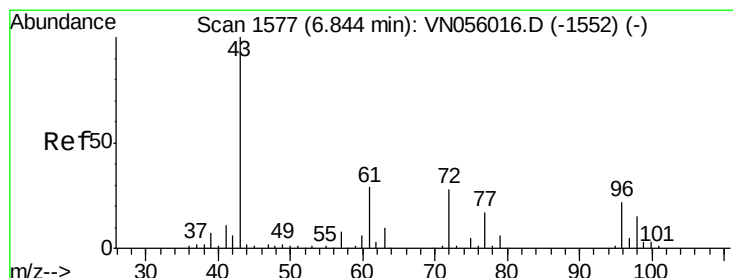
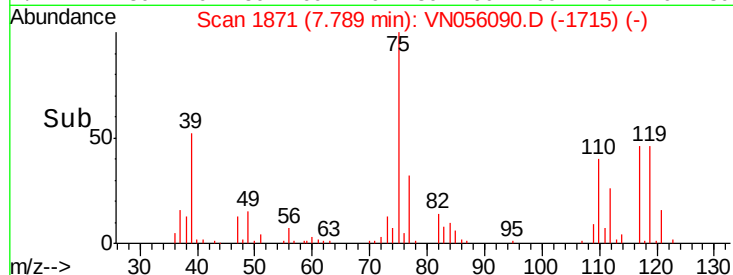
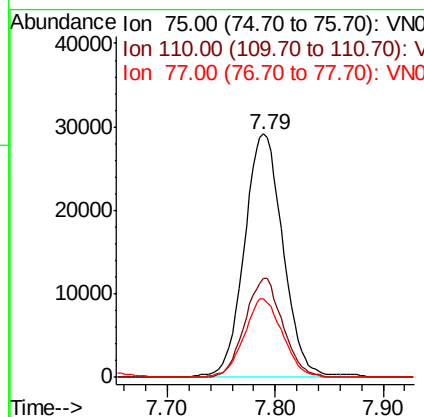
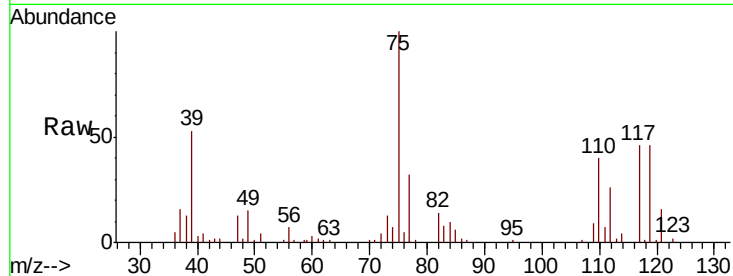




#29
 1,1-Dichloropropene
 Concen: 19.830 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

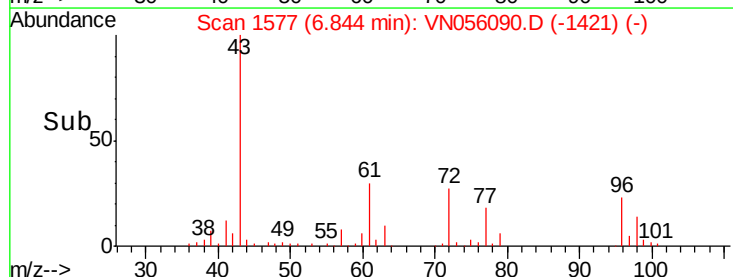
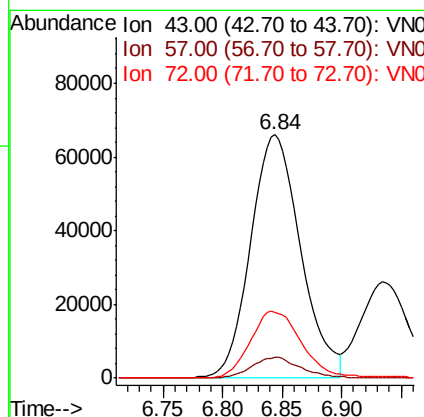
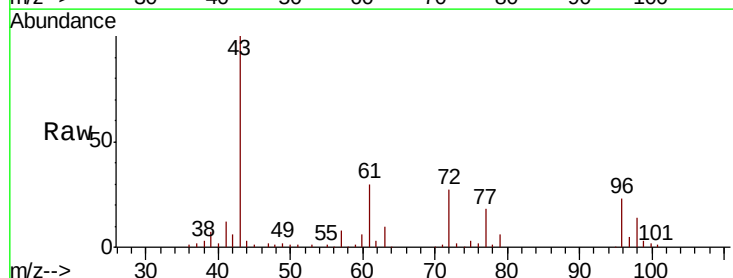
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

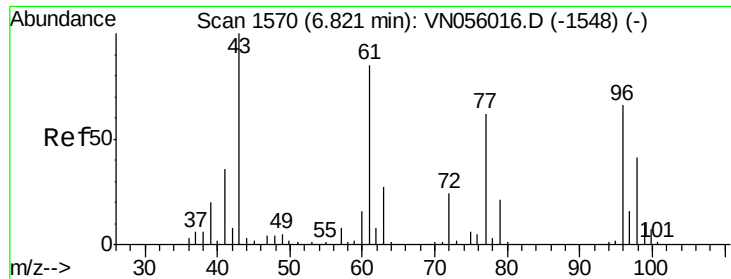
Tot Ion: 75 Resp: 72484
 Ion Ratio Lower Upper
 75 100
 110 39.4 0.0 77.0
 77 31.9 0.0 62.4



#30
 2-Butanone
 Concen: 99.183 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 43 Resp: 190862
 Ion Ratio Lower Upper
 43 100
 57 8.5 6.7 10.1
 72 28.5 22.4 33.6

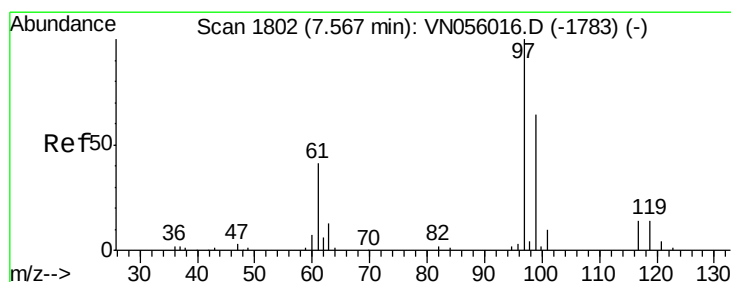
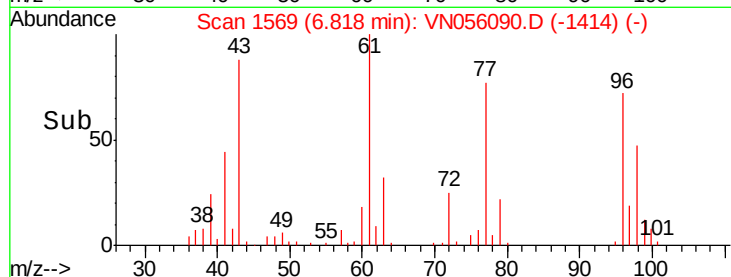
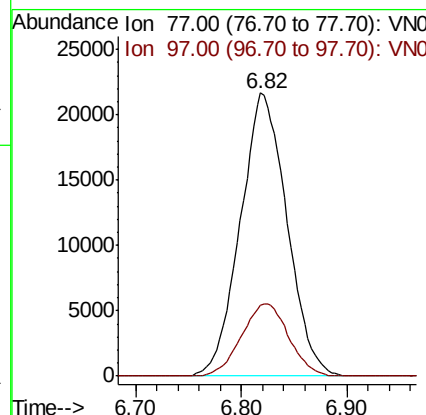
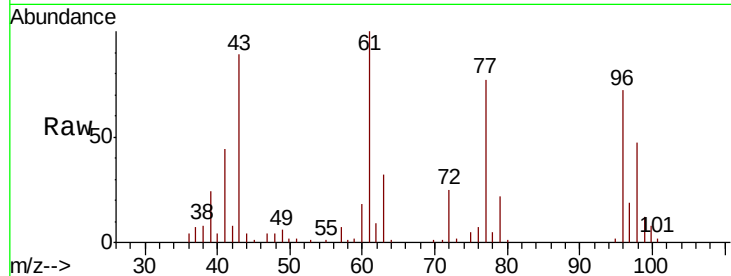




#31
 2,2-Dichloropropane
 Concen: 19.531 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

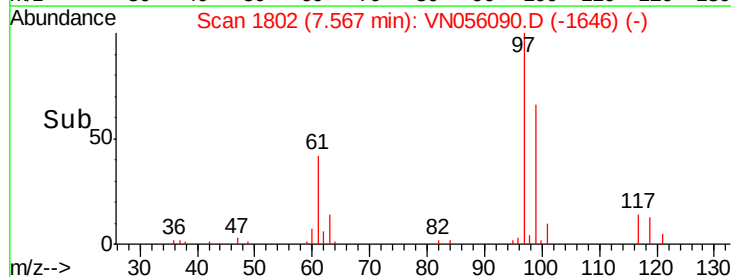
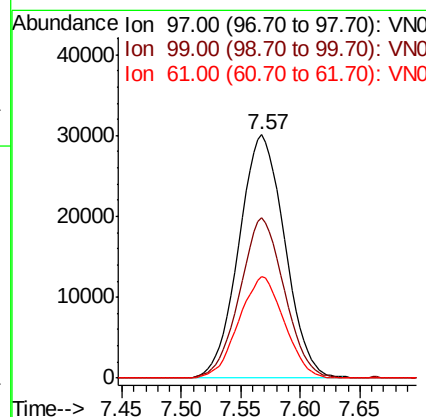
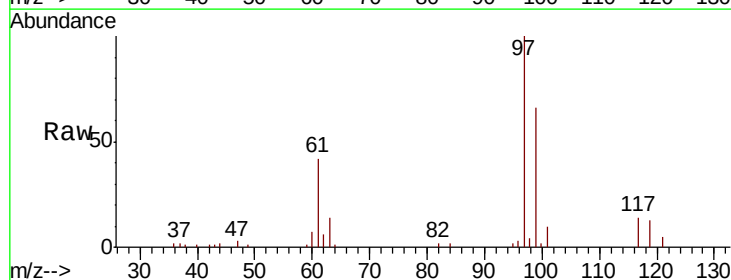
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

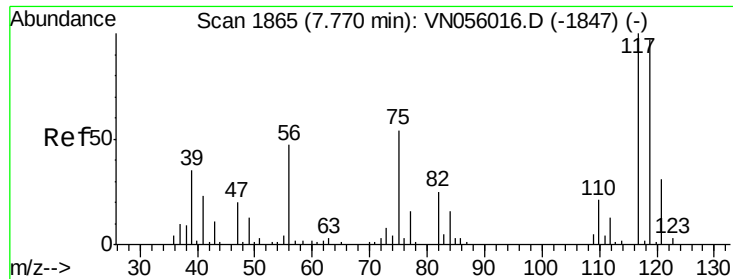
Tot Ion: 77 Resp: 66416
 Ion Ratio Lower Upper
 77 100
 97 25.8 20.8 31.2



#32
 1,1,1-Trichloroethane
 Concen: 19.918 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 97 Resp: 80441
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.5 77.3
 61 41.2 32.9 49.3

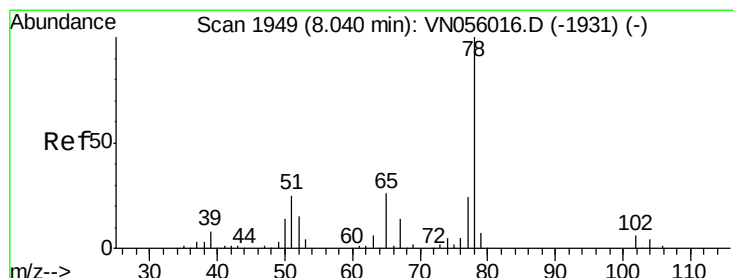
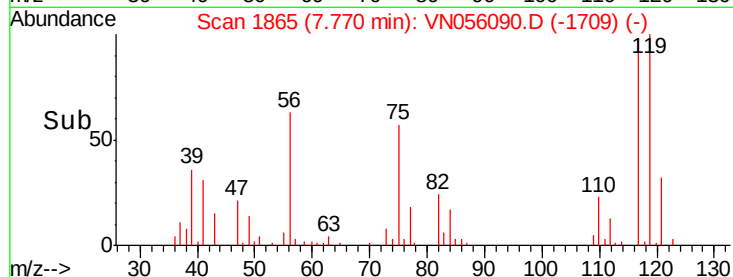
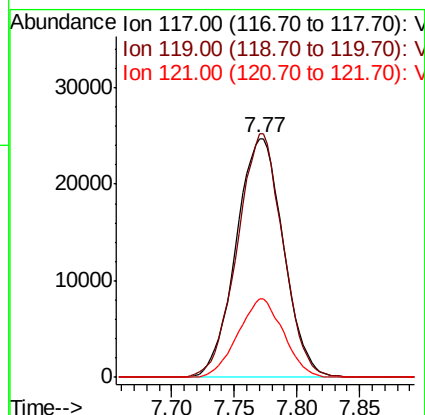
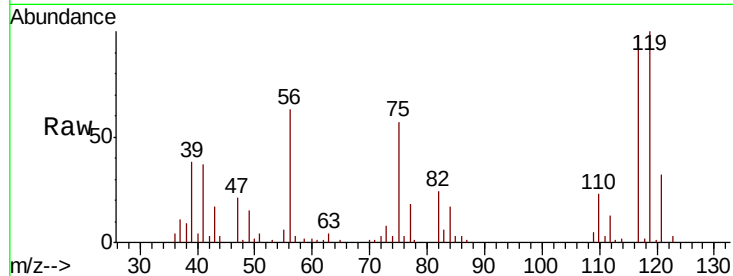




#33
Carbon Tetrachloride
Concen: 18.952 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

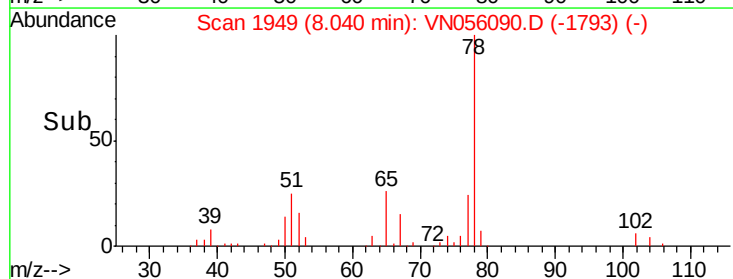
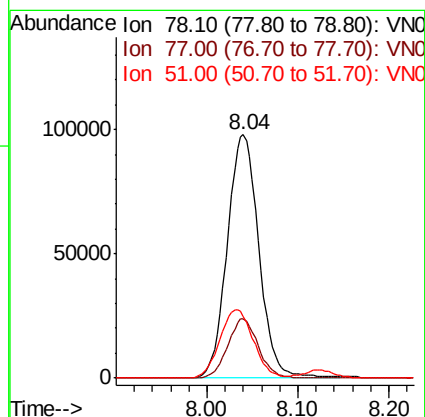
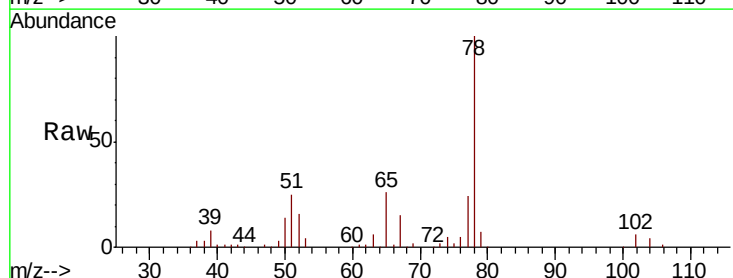
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

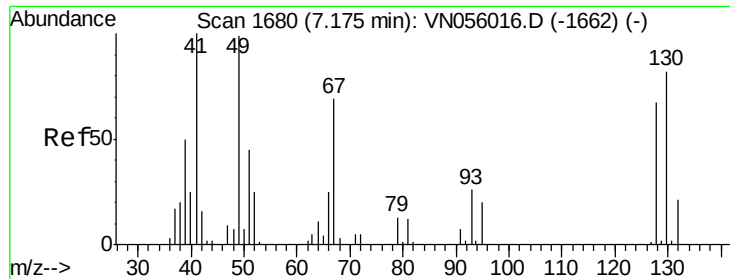
Tot Ion:117 Resp: 64846
Ion Ratio Lower Upper
117 100
119 101.1 77.3 115.9
121 32.7 25.0 37.4



#34
Benzene
Concen: 20.330 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion: 78 Resp: 236777
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9
51 25.2 19.8 29.8

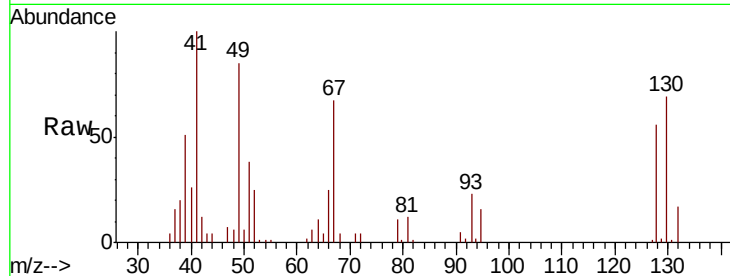




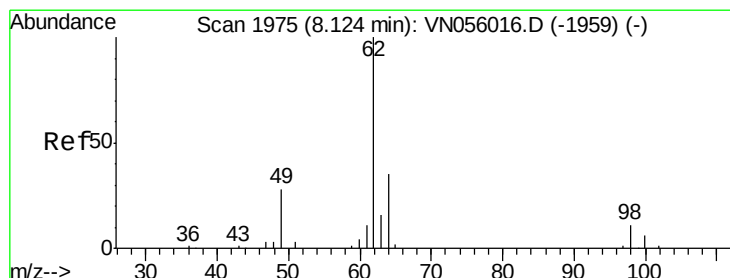
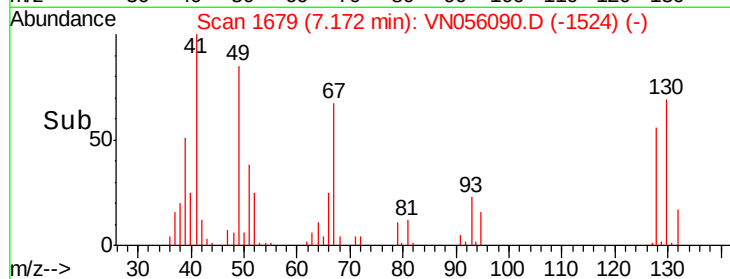
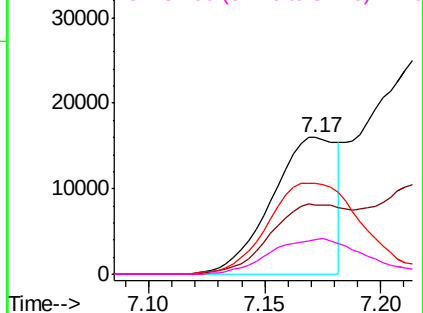
#35
Methacrylonitrile
Concen: 19.334 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0608WBSD01

Tot Ion:	41	Resp:	31418
Ion	Ratio	Lower	Upper
41	100		
39	50.8	24.8	74.3
67	66.9	34.3	102.9
52	25.3	12.6	37.8

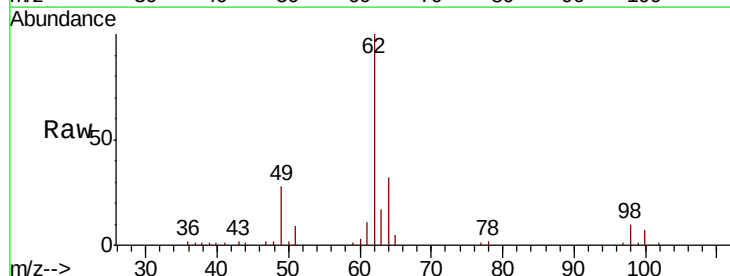


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

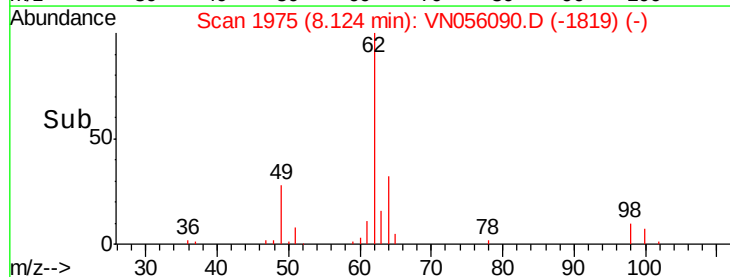
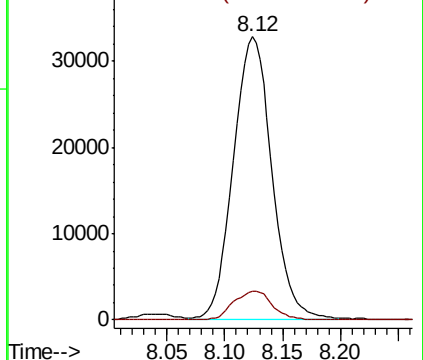


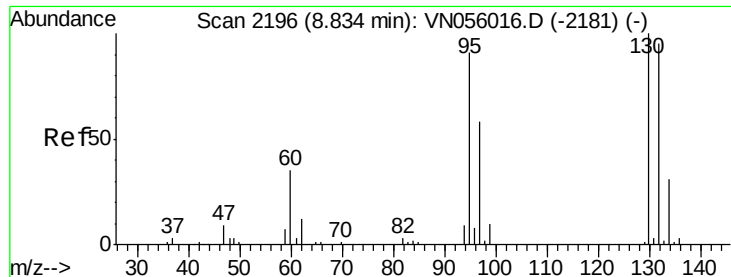
#36
1,2-Dichloroethane
Concen: 20.816 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion:	62	Resp:	75938
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.6	13.0



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

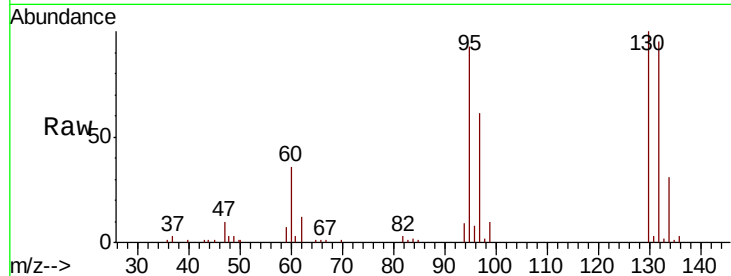




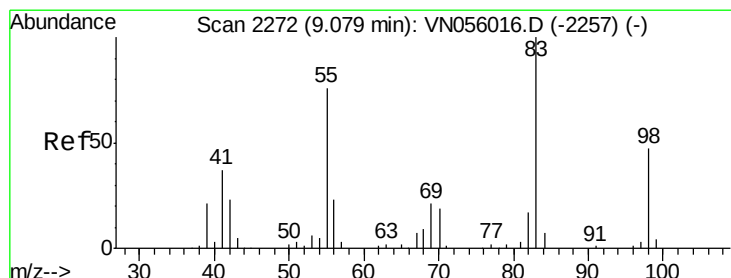
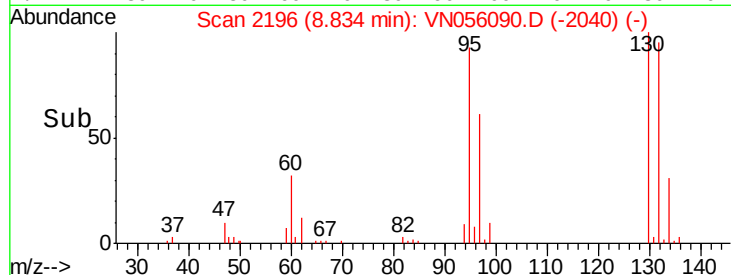
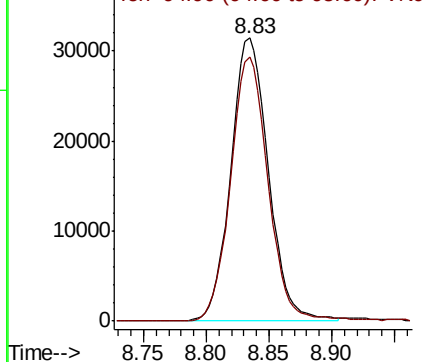
#37
 Trichloroethene
 Concen: 20.128 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Tot Ion:130 Resp: 65597
 Ion Ratio Lower Upper
 130 100
 95 93.3 73.0 109.6

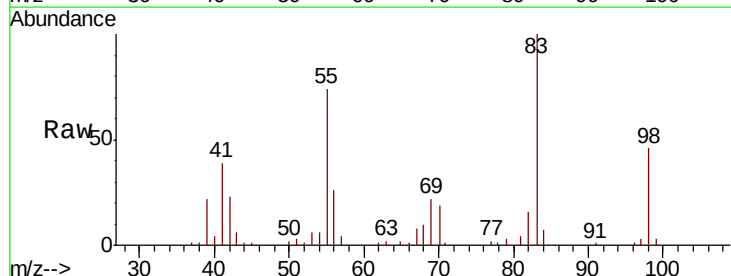


Abundance Ion 129.90 (129.60 to 130.60): VN056016.D (-2181) (-)
 Ion 94.90 (94.60 to 95.60): VN056016.D (-2181) (-)

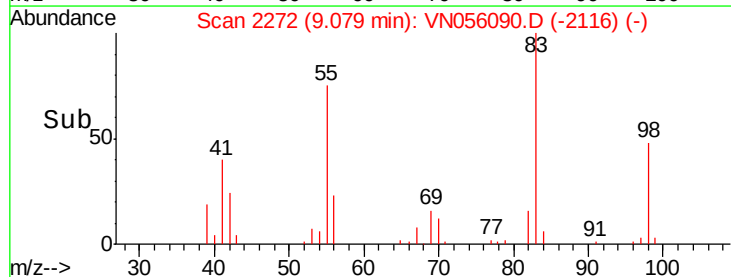
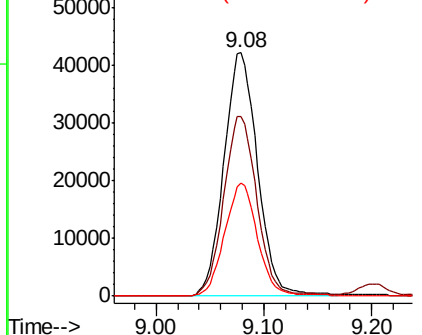


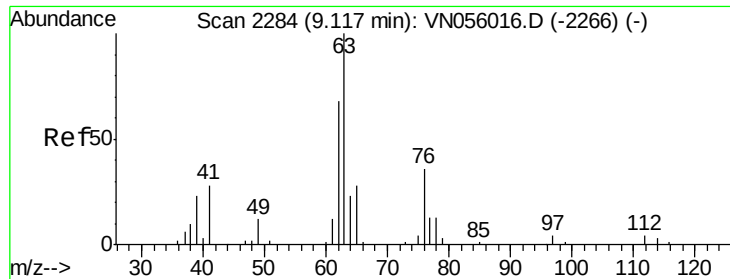
#38
 Methylcyclohexane
 Concen: 19.864 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 83 Resp: 92052
 Ion Ratio Lower Upper
 83 100
 55 72.3 37.5 112.7
 98 44.9 23.1 69.3



Abundance Ion 83.00 (82.70 to 83.70): VN056016.D (-2257) (-)
 Ion 55.00 (54.70 to 55.70): VN056016.D (-2257) (-)
 Ion 98.00 (97.70 to 98.70): VN056016.D (-2257) (-)

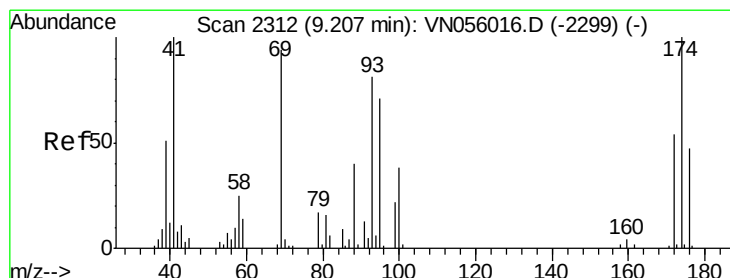
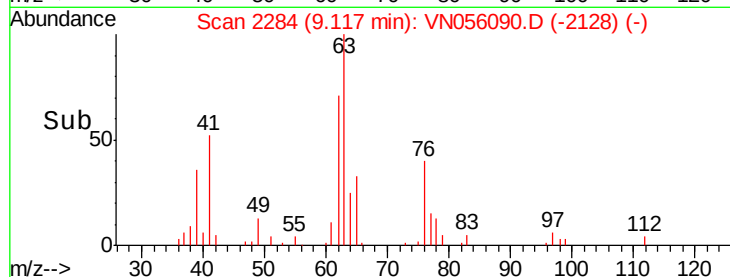
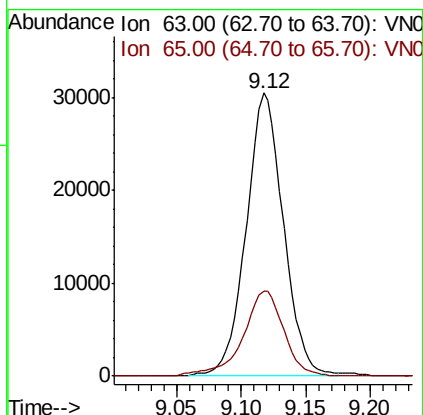
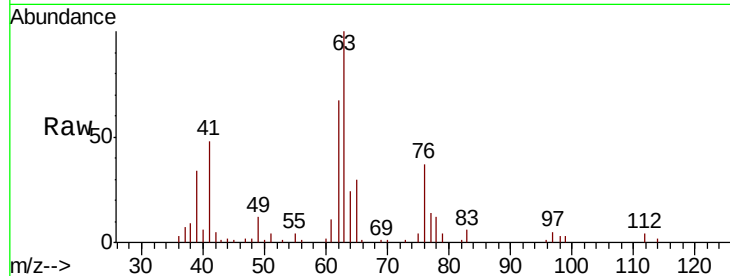




#39
 1,2-Dichloropropane
 Concen: 20.595 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

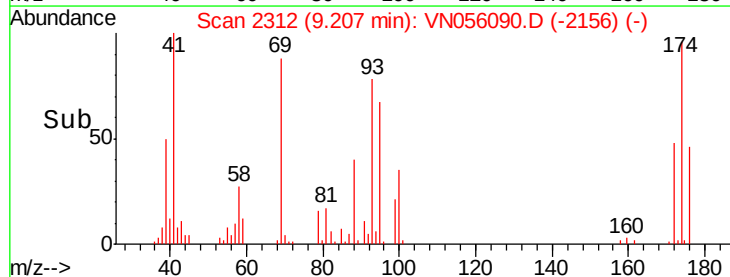
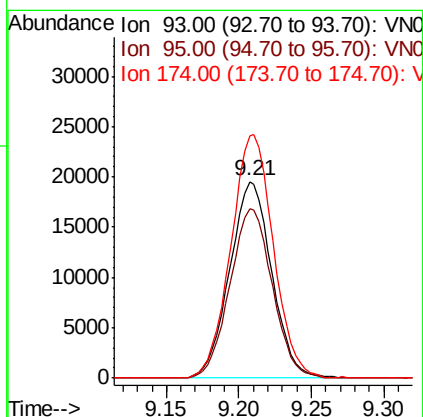
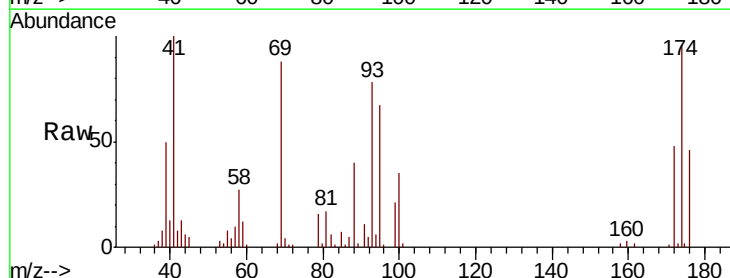
Instrument :
 MSVOA_N
 ClientSampled :
 VN0608WBSD01

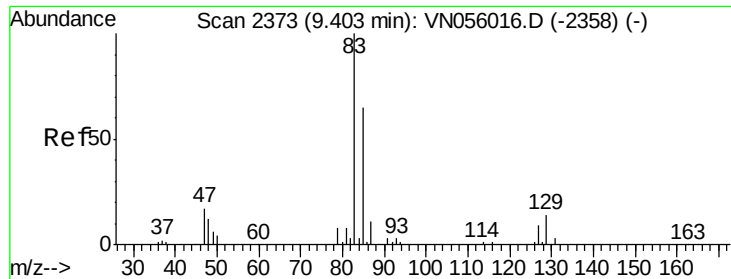
Tot Ion: 63 Resp: 61432
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.1 34.7



#40
 Dibromomethane
 Concen: 19.909 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 93 Resp: 39376
 Ion Ratio Lower Upper
 93 100
 95 86.5 0.0 169.0
 174 124.9 0.0 246.4





#41

Bromodichloromethane

Concen: 19.071 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

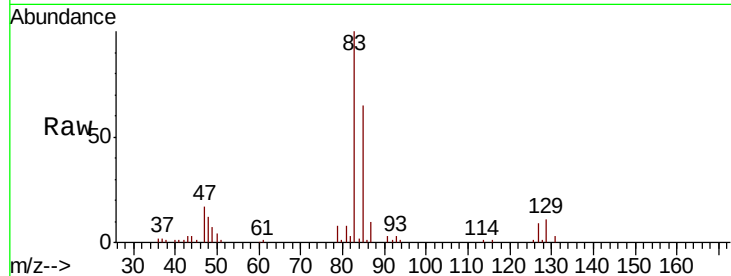
Tot Ion: 83 Resp: 67541

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6

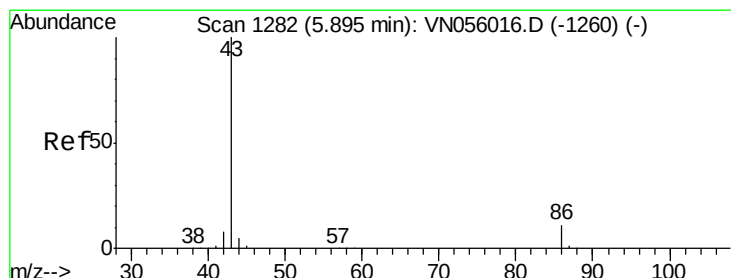
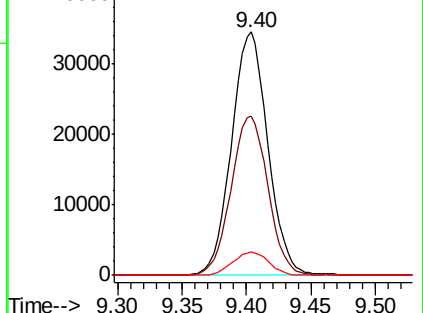
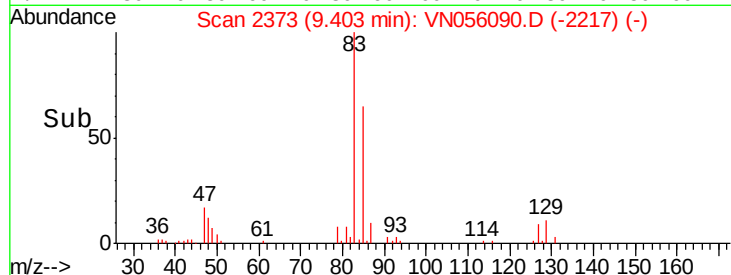
127 9.4 7.3 10.9



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: 99.803 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056090.D

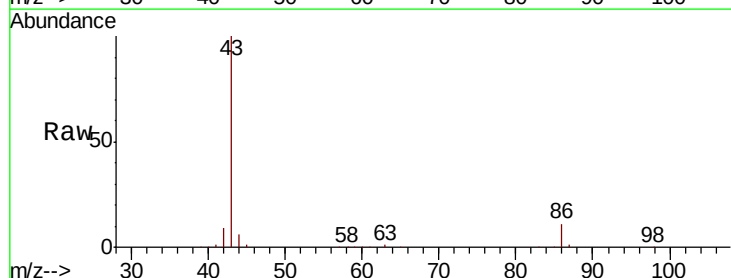
Acq: 7 Jun 2019 11:00

Tgt Ion: 43 Resp: 684710

Ion Ratio Lower Upper

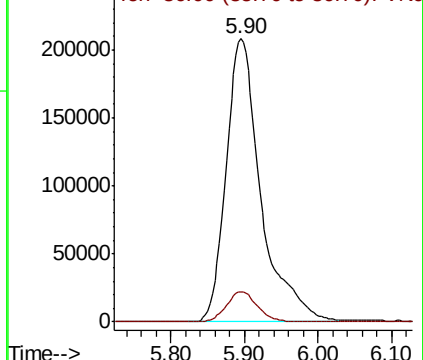
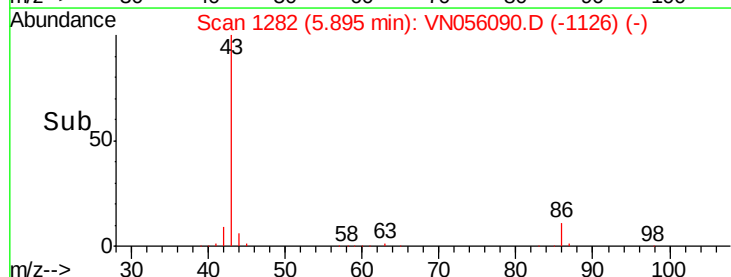
43 100

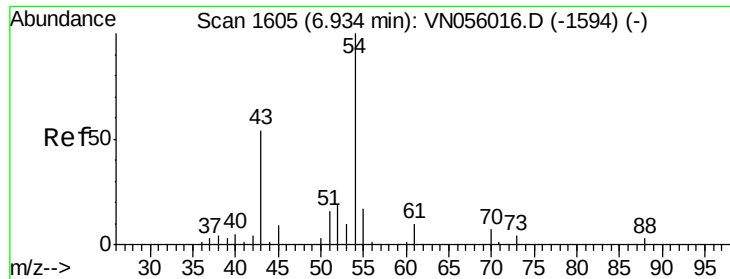
86 9.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

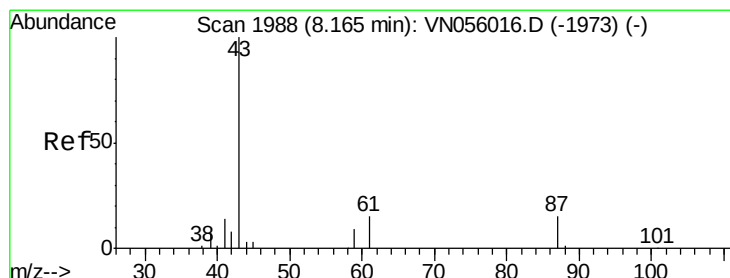
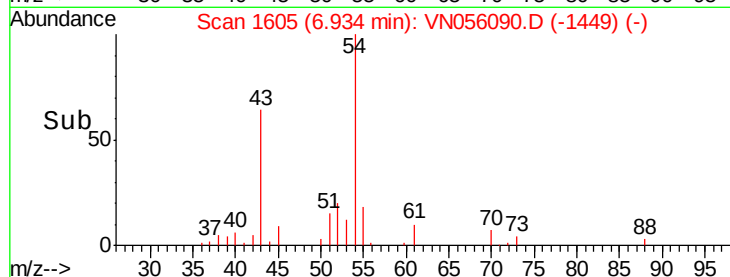
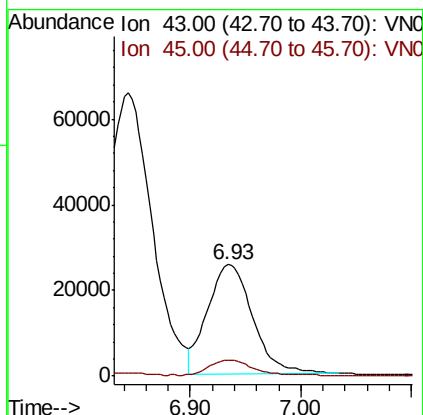
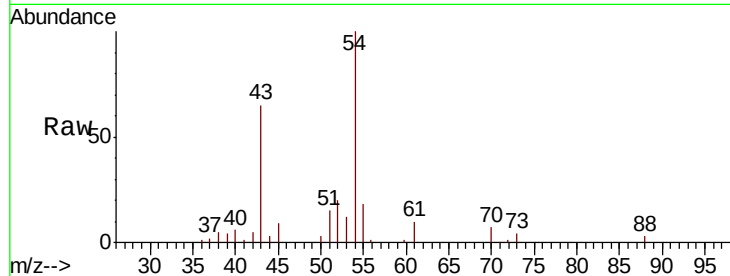




#43
Ethyl Acetate
Concen: 19.745 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

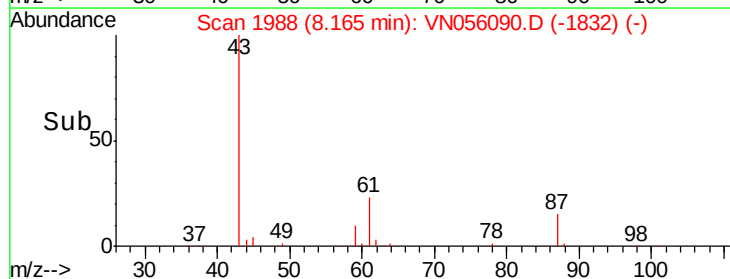
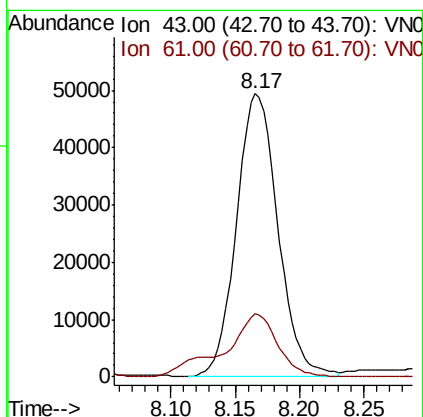
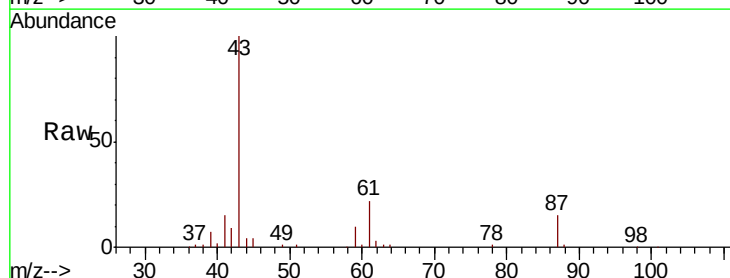
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

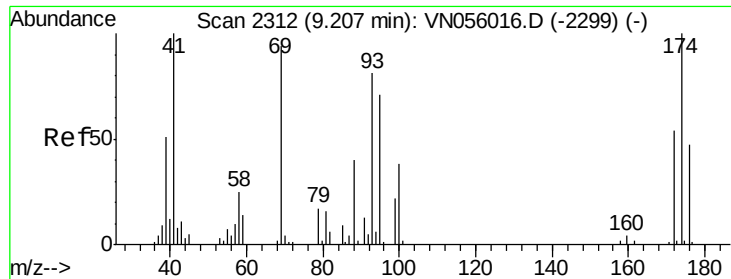
Tot Ion: 43 Resp: 72718
Ion Ratio Lower Upper
43 100
45 12.7 12.3 18.5



#44
Isopropyl Acetate
Concen: 19.426 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion: 43 Resp: 111083
Ion Ratio Lower Upper
43 100
61 21.1 16.9 25.3

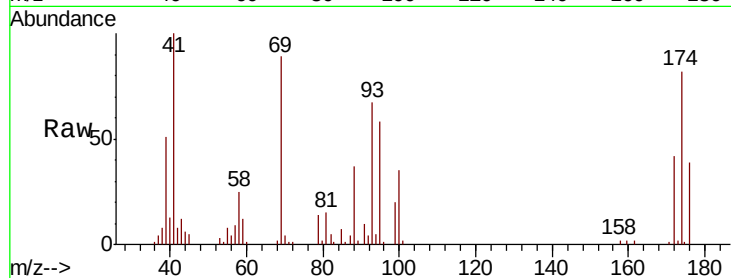




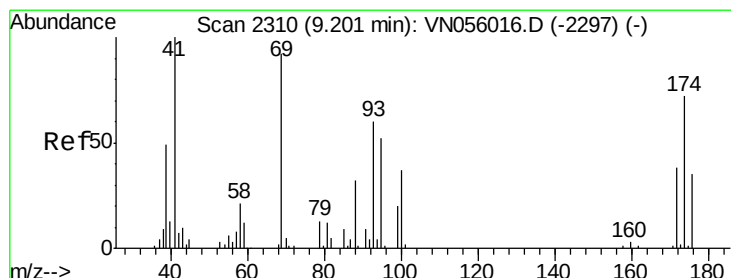
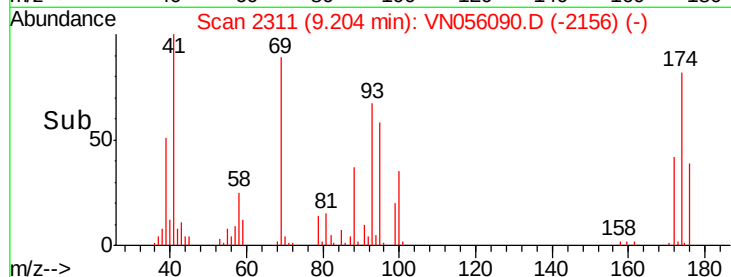
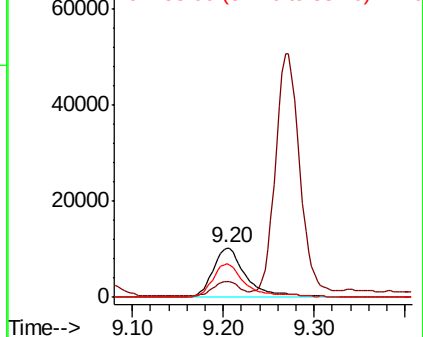
#45
 1,4-Dioxane
 Concen: 425.564 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Tot Ion: 88 Resp: 26032
 Ion Ratio Lower Upper
 88 100
 43 23.4 19.8 29.6
 58 62.6 48.5 72.7

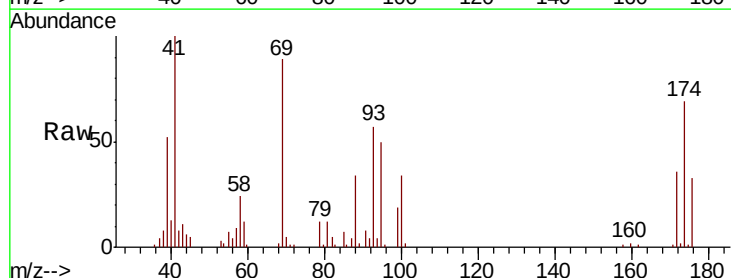


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

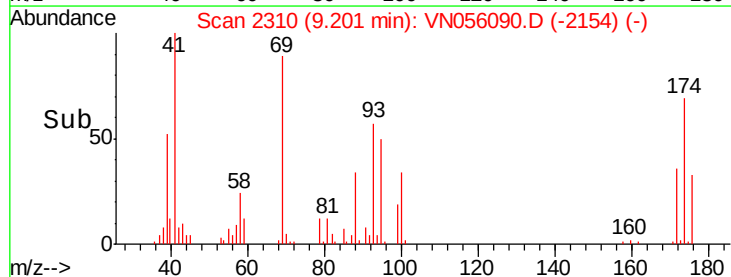
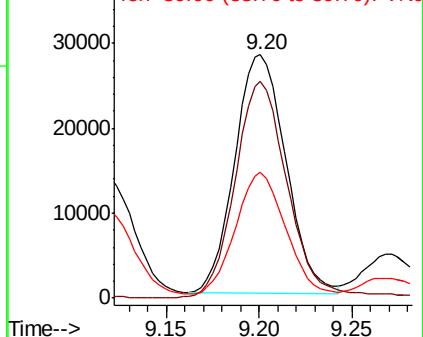


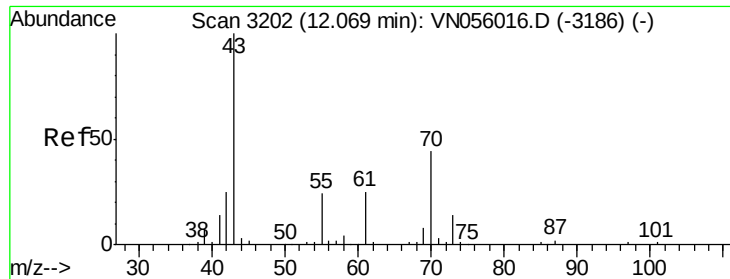
#46
 Methyl methacrylate
 Concen: 19.014 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 41 Resp: 54014
 Ion Ratio Lower Upper
 41 100
 69 90.2 46.0 137.8
 39 51.4 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-amyl Acetate

Concen: 18.368 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

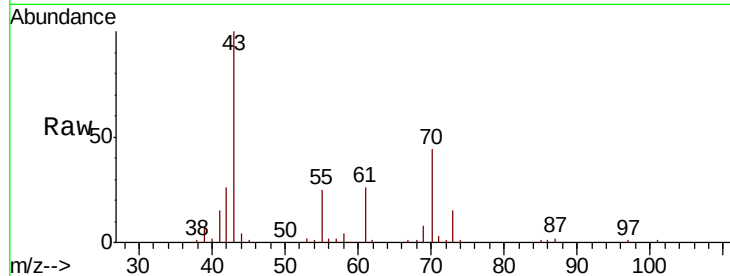
VN0608WBSD01

Tot Ion: 43 Resp: 86860

Ion Ratio Lower Upper

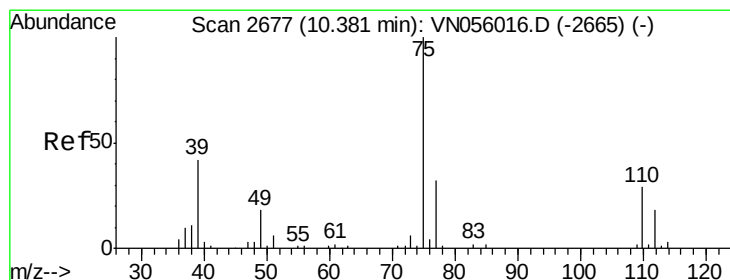
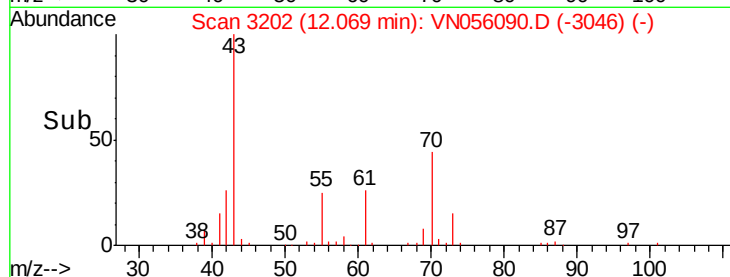
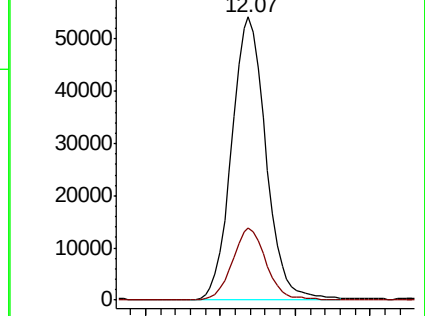
43 100

55 25.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 17.760 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056090.D

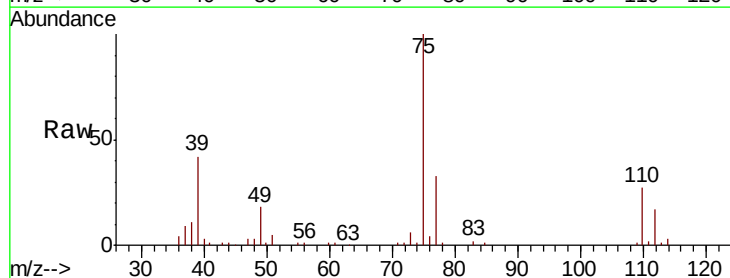
Acq: 7 Jun 2019 11:00

Tgt Ion: 75 Resp: 66191

Ion Ratio Lower Upper

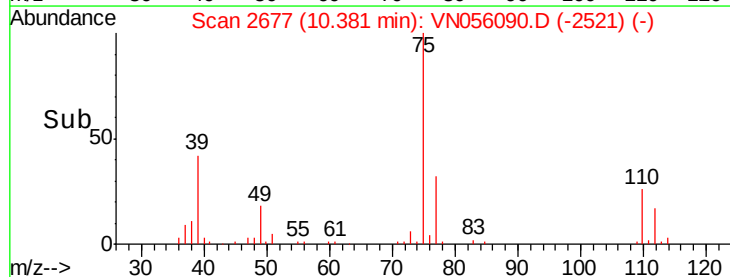
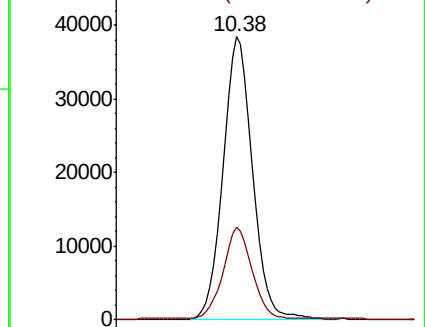
75 100

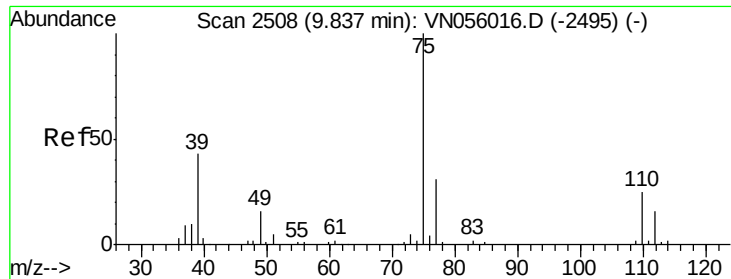
77 32.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

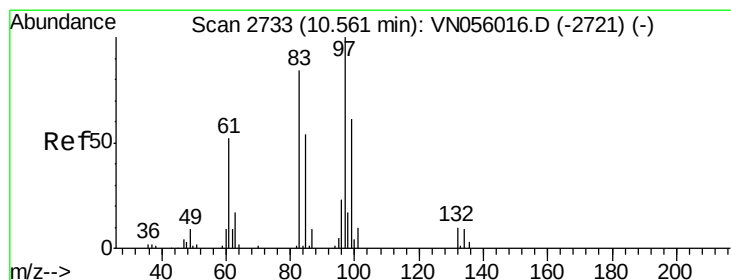
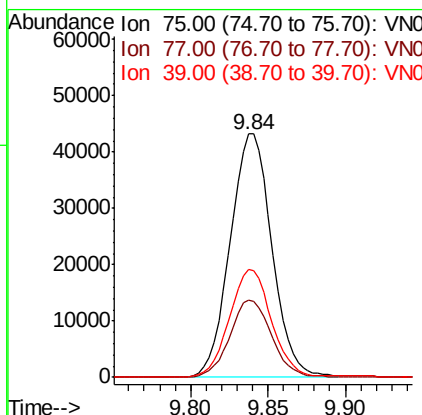
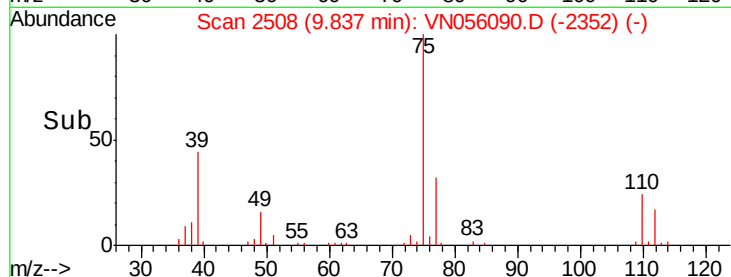
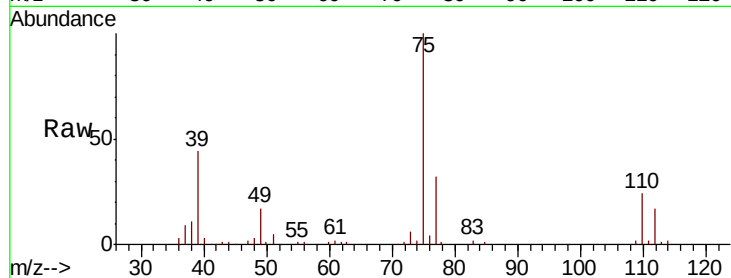




#49
 cis-1,3-Dichloropropene
 Concen: 18.584 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

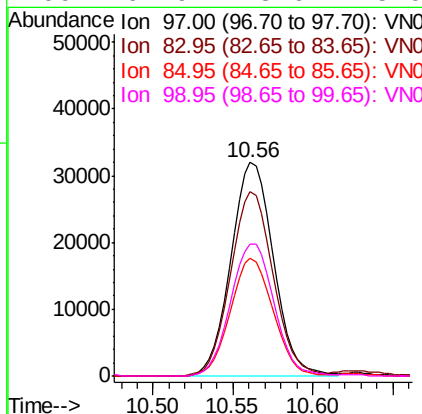
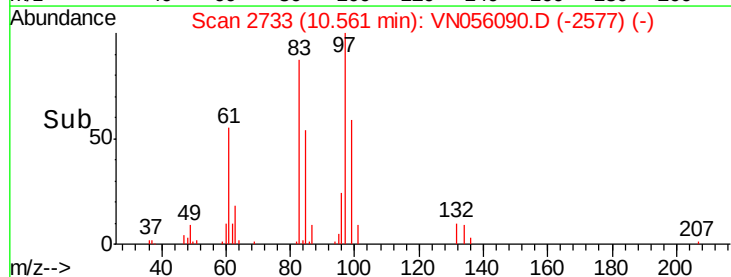
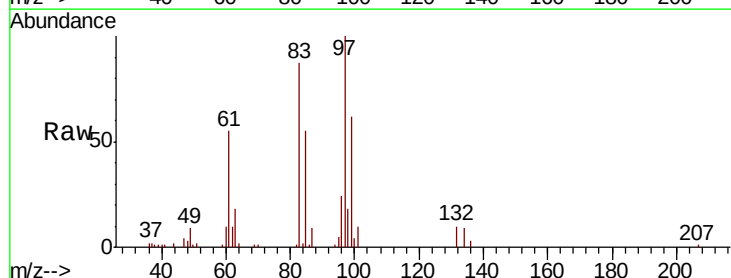
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

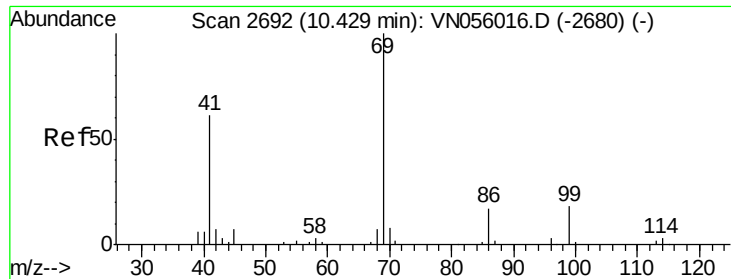
Tot Ion: 75 Resp: 81103
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7
 39 44.1 34.3 51.5



#50
 1,1,2-Trichloroethane
 Concen: 19.806 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 97 Resp: 58182
 Ion Ratio Lower Upper
 97 100
 83 86.1 66.9 100.3
 85 55.3 43.3 64.9
 99 61.9 48.6 73.0





#51

Ethyl methacrylate

Concen: 19.086 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

VN0608WBSD01

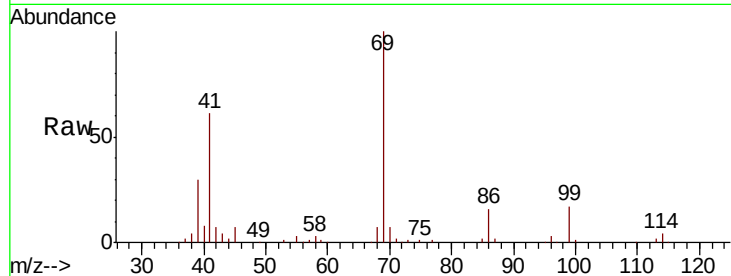
Tot Ion: 69 Resp: 84821

Ion Ratio Lower Upper

69 100

41 60.9 30.8 92.3

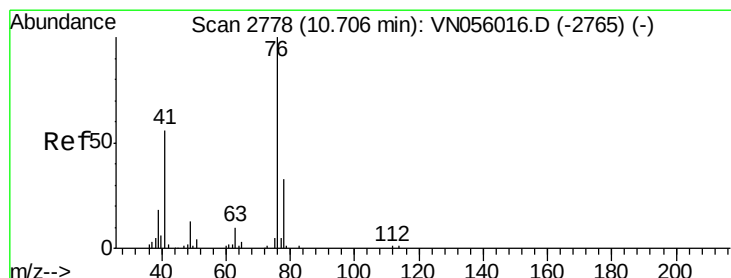
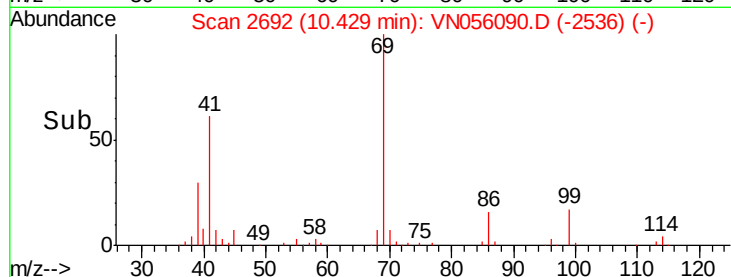
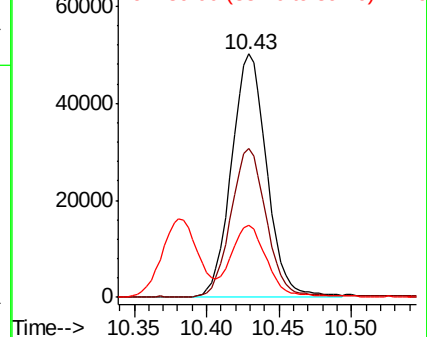
39 29.0 14.5 43.6



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: 20.054 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056090.D

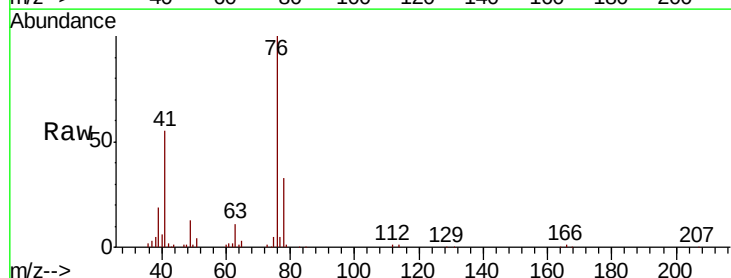
Acq: 7 Jun 2019 11:00

Tgt Ion: 76 Resp: 95507

Ion Ratio Lower Upper

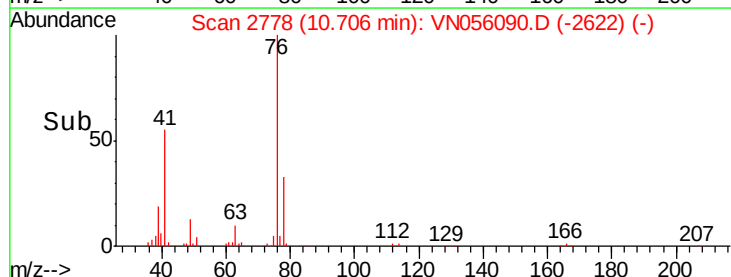
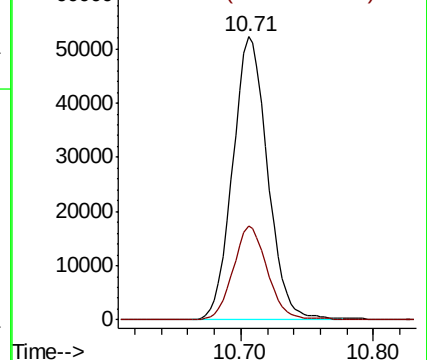
76 100

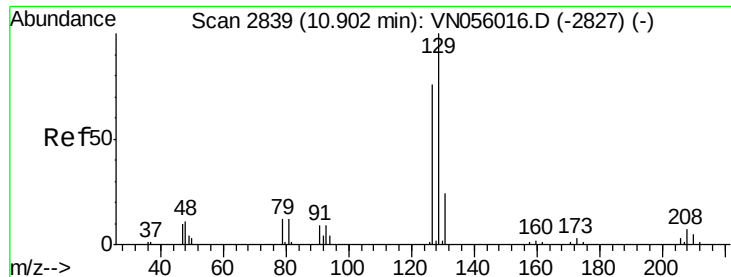
78 32.5 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 18.268 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

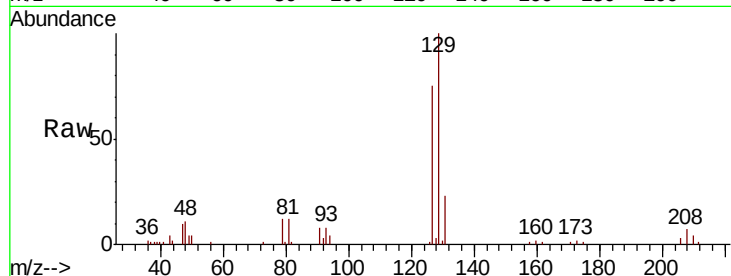
VN0608WBSD01

Tot Ion:129 Resp: 52532

Ion Ratio Lower Upper

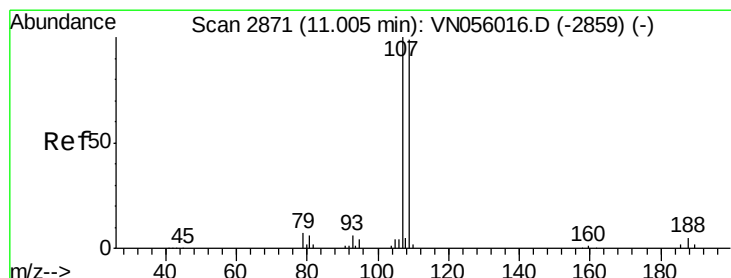
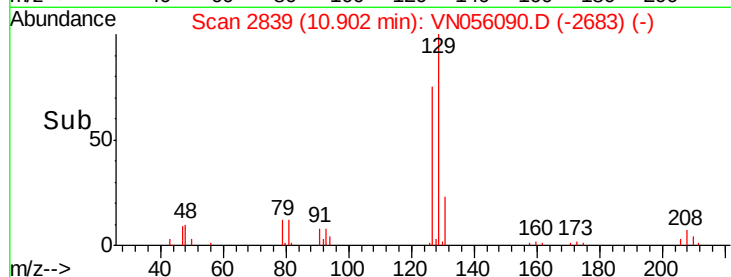
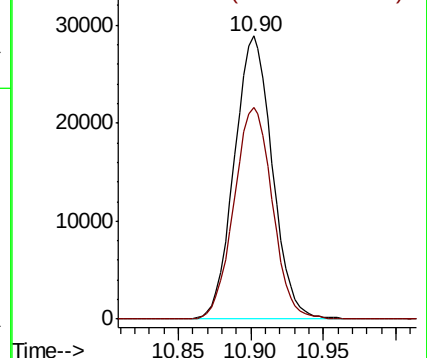
129 100

127 75.3 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.549 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056090.D

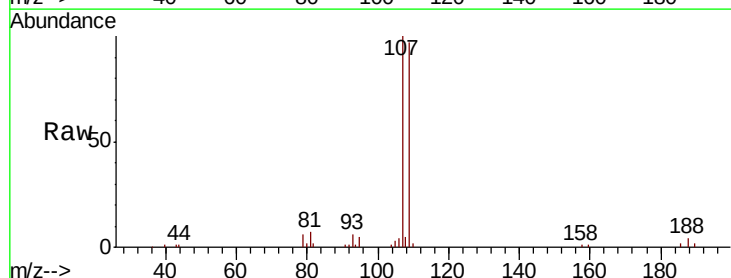
Acq: 7 Jun 2019 11:00

Tgt Ion:107 Resp: 59926

Ion Ratio Lower Upper

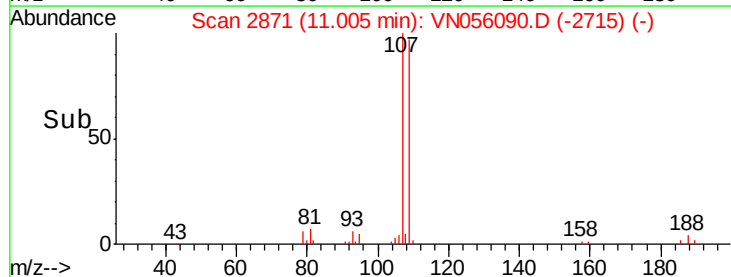
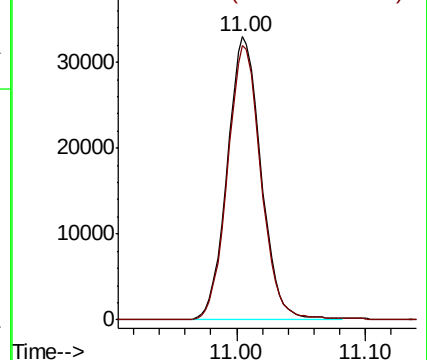
107 100

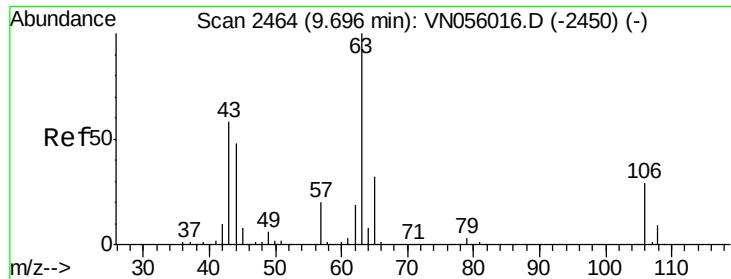
109 95.8 76.8 115.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

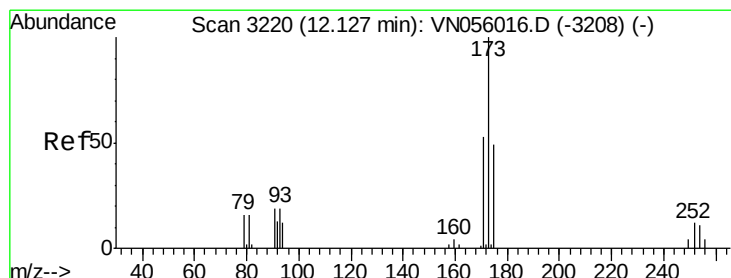
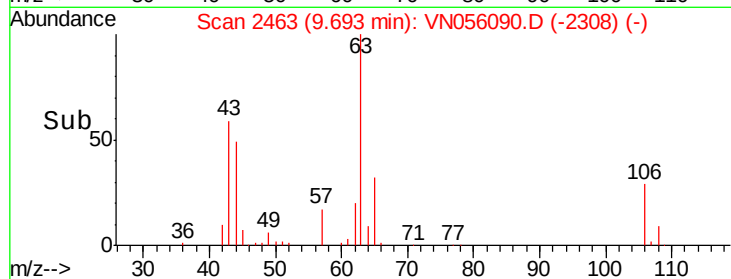
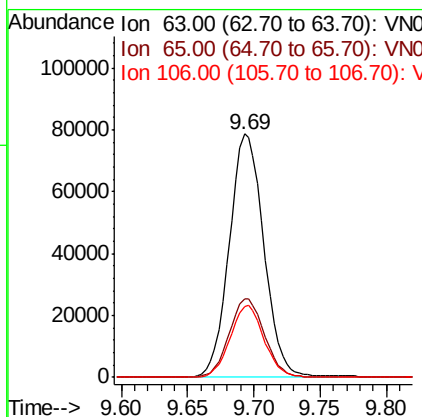
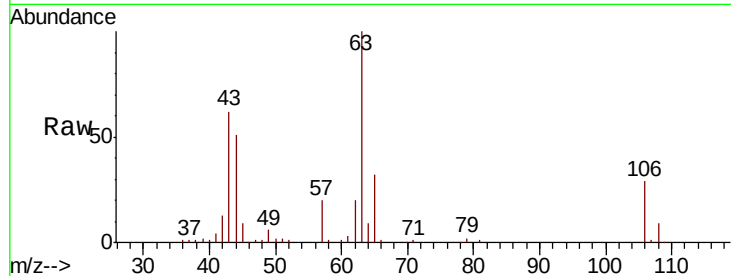




#55
2-Chloroethyl vinyl ether
Concen: 91.621 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

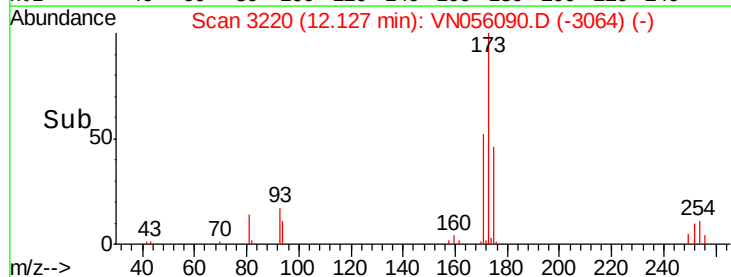
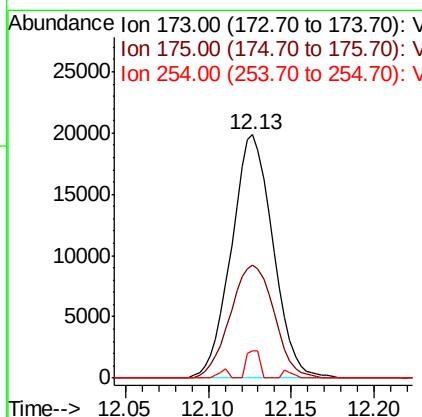
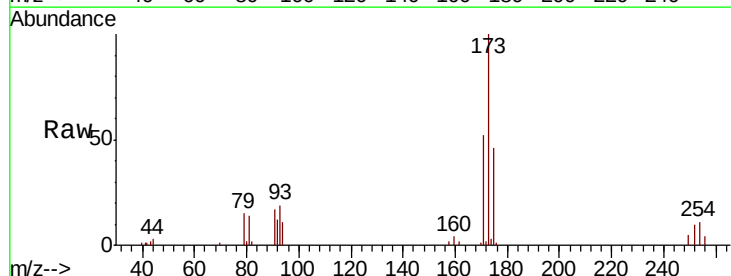
Instrument :
MSVOA_N
ClientSampled :
VN0608WBSD01

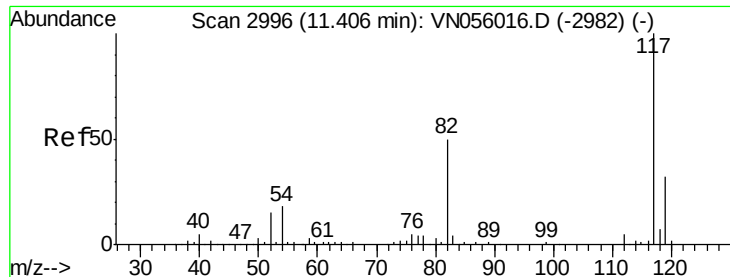
Tot Ion: 63 Resp: 142624
Ion Ratio Lower Upper
63 100
65 32.8 25.5 38.3
106 29.0 23.0 34.4



#56
Bromoform
Concen: 16.628 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion: 173 Resp: 34591
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 3.6 6.6 9.8#

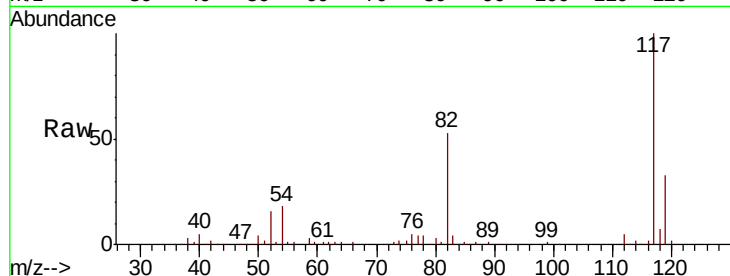




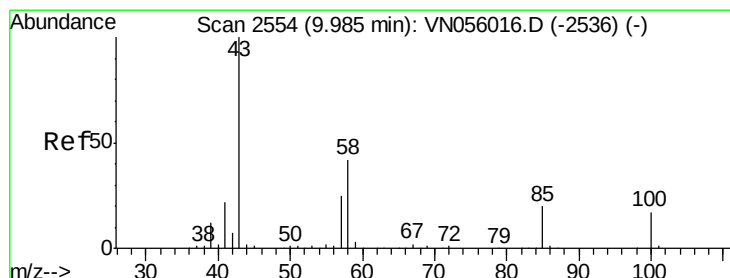
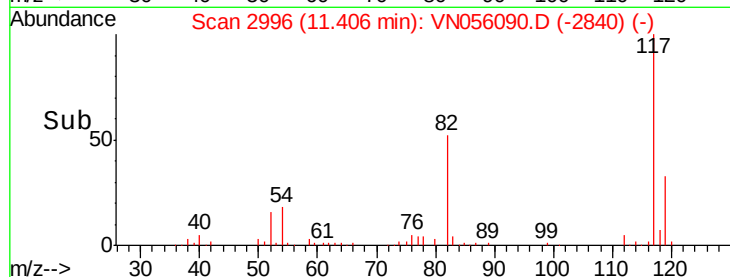
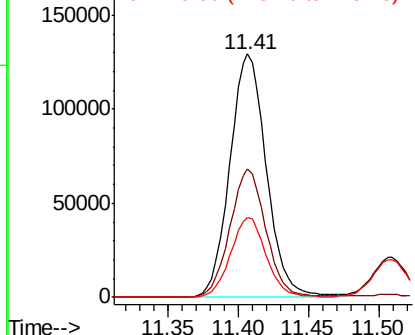
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0608WBSD01

Tot Ion:117 Resp: 235137
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 32.1 26.2 39.2

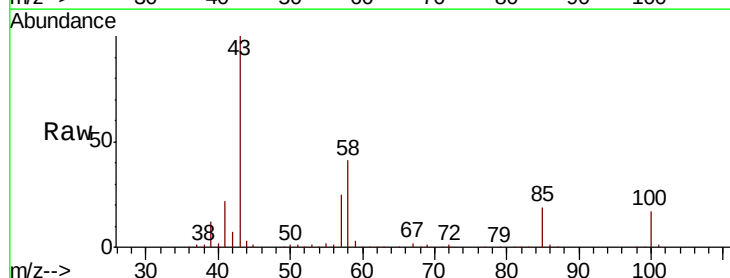


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

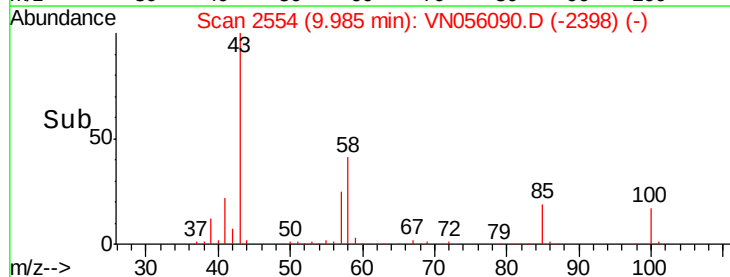
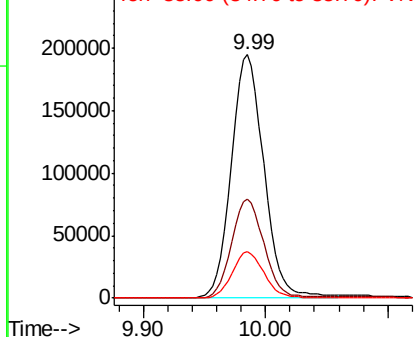


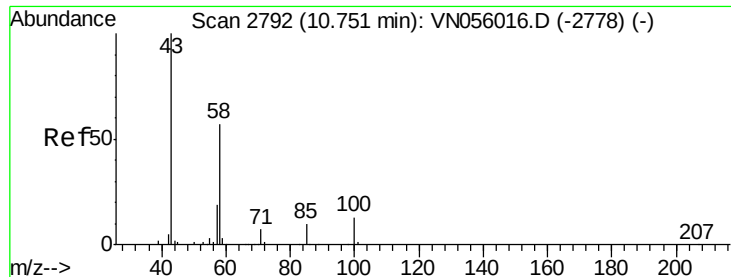
#58
4-Methyl-2-Pentanone
Concen: 101.407 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion: 43 Resp: 361066
Ion Ratio Lower Upper
43 100
58 40.9 33.1 49.7
85 18.7 15.5 23.3



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

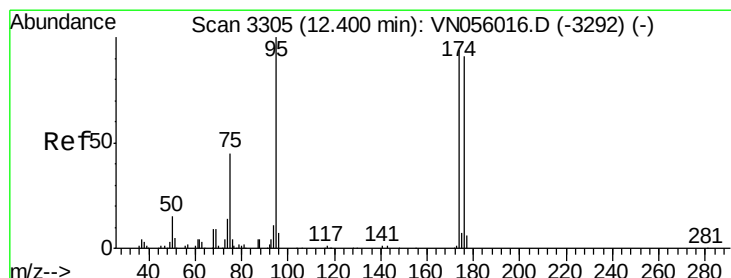
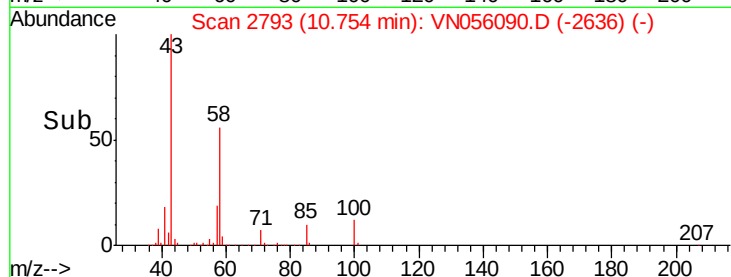
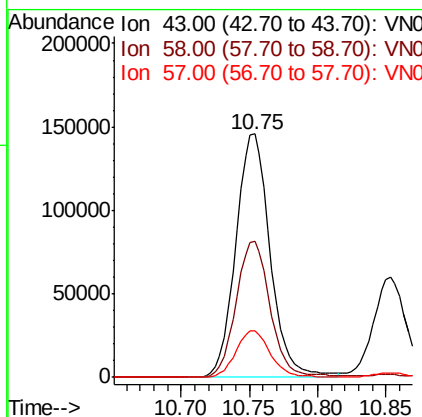
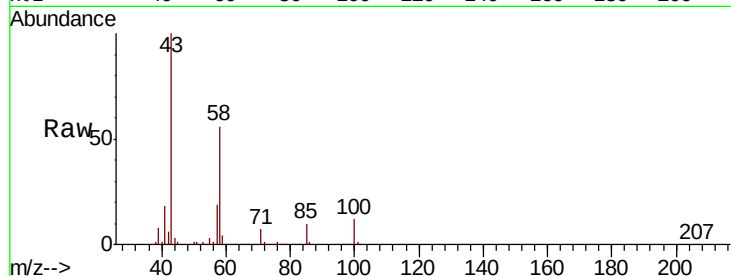




#59
2-Hexanone
Concen: 99.826 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

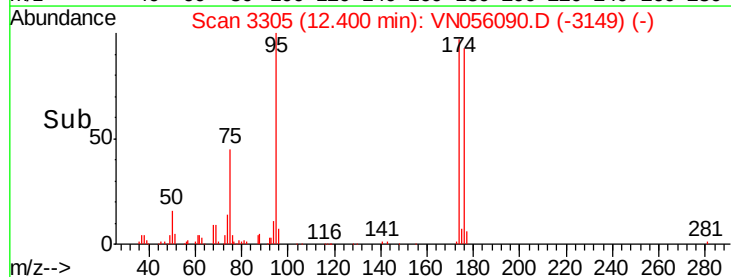
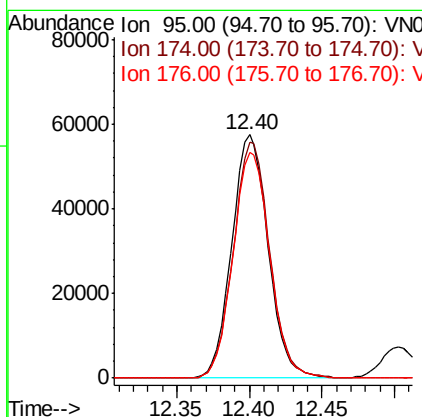
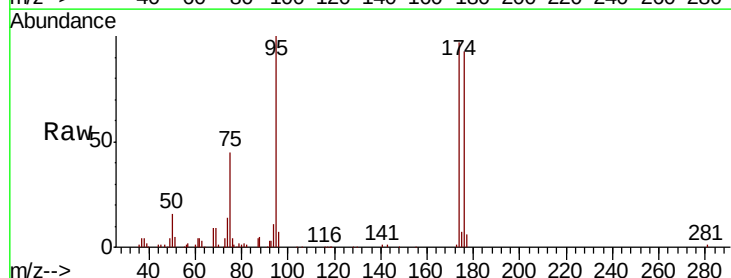
Instrument :
MSVOA_N
ClientSampled :
VN0608WBSD01

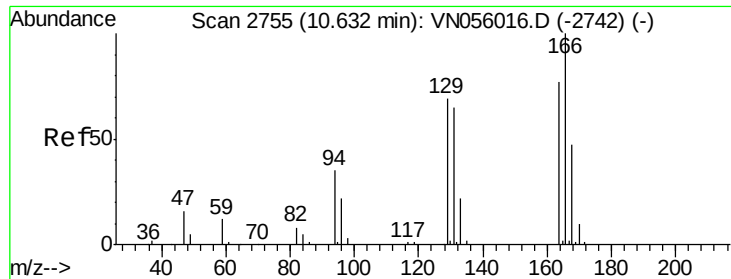
Tot Ion	Ratio	Lower	Upper
43	100		
58	56.1	45.3	67.9
57	19.5	15.6	23.4



#60
4-Bromofluorobenzene
Concen: 28.701 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.1	75.4	113.0
176	94.1	73.9	110.9





#61

Tetrachloroethene

Concen: 20.251 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

VN0608WBSD01

Tot Ion:164 Resp: 66365

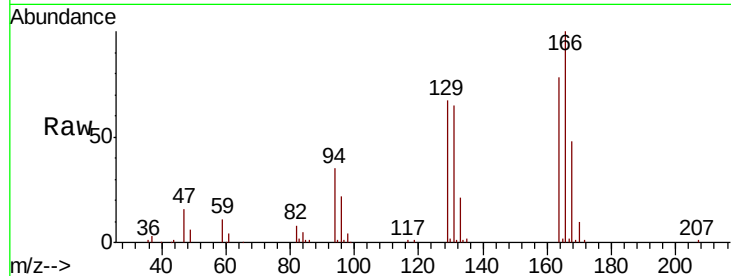
Ion Ratio Lower Upper

164 100

166 127.7 104.3 156.5

129 85.7 71.5 107.3

131 83.0 67.7 101.5

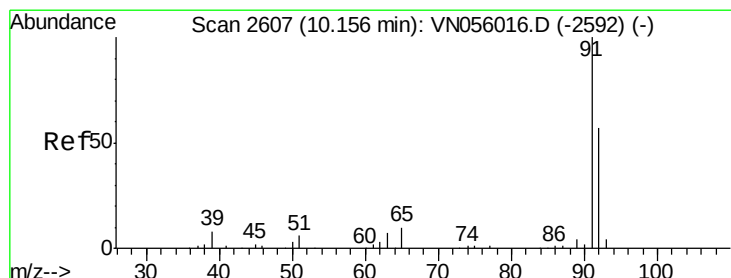
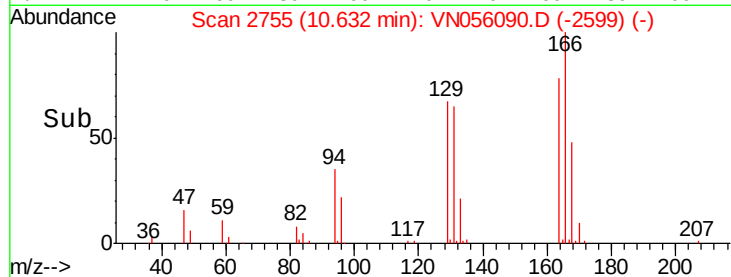
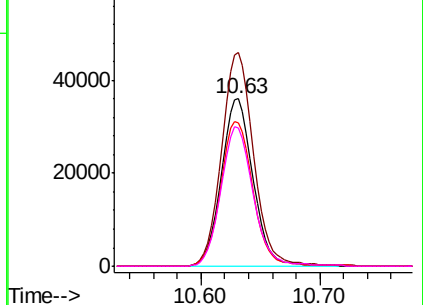


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.056 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056090.D

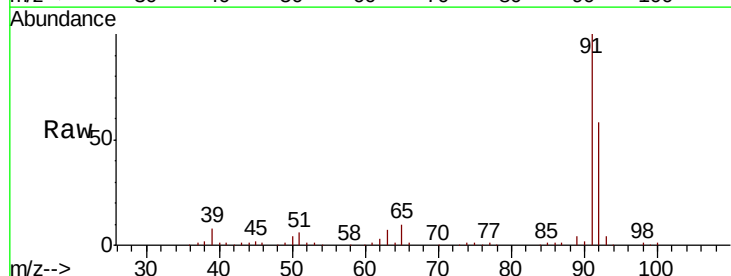
Acq: 7 Jun 2019 11:00

Tgt Ion: 91 Resp: 254584

Ion Ratio Lower Upper

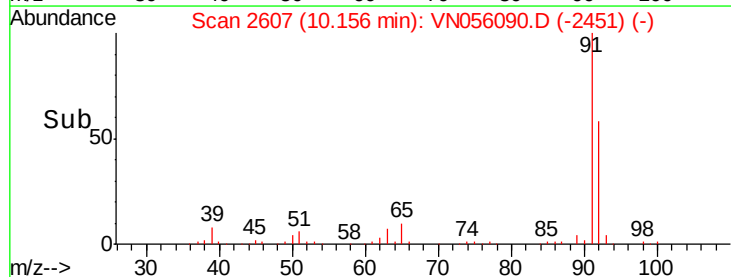
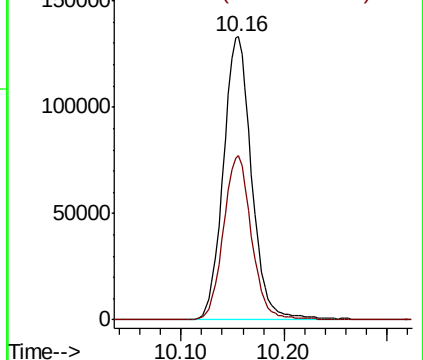
91 100

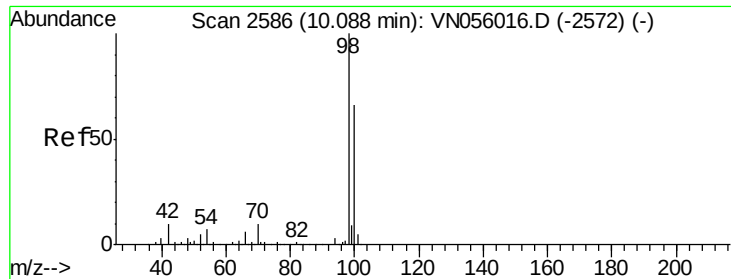
92 57.8 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.288 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

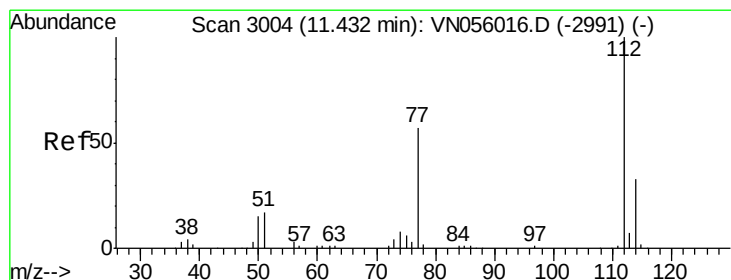
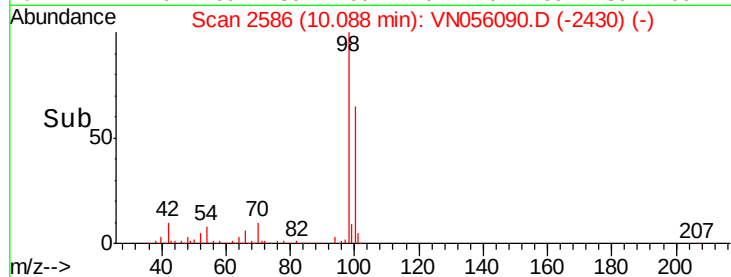
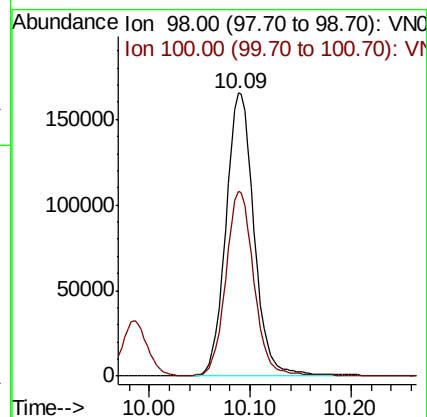
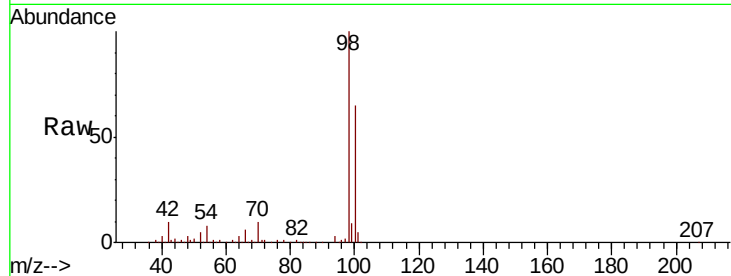
VN0608WBSD01

Tot Ion: 98 Resp: 323066

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4



#64

Chlorobenzene

Concen: 20.088 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056090.D

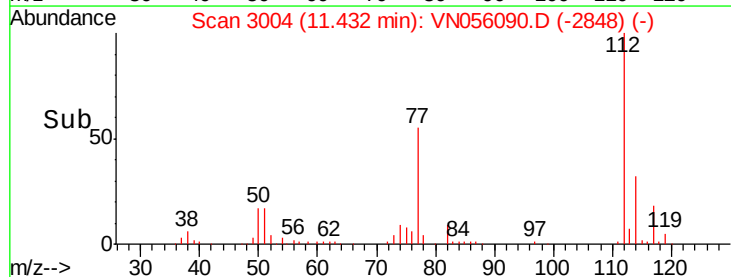
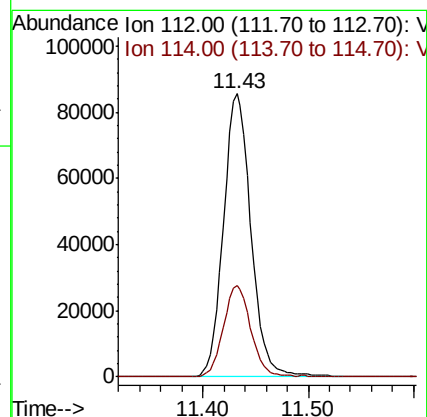
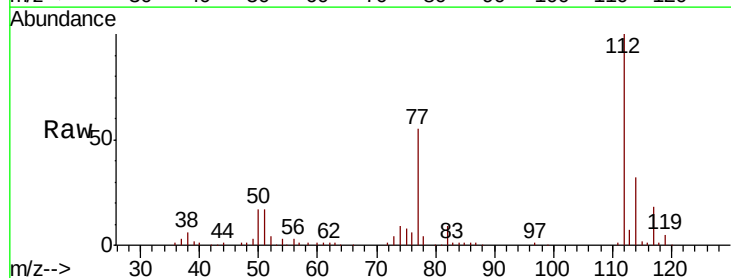
Acq: 7 Jun 2019 11:00

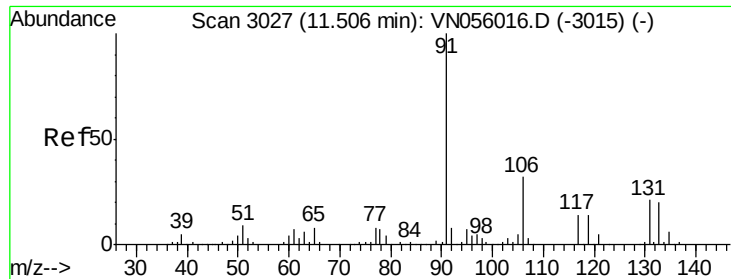
Tgt Ion: 112 Resp: 154666

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1





#65

1,1,1,2-Tetrachloroethane

Concen: 18.983 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

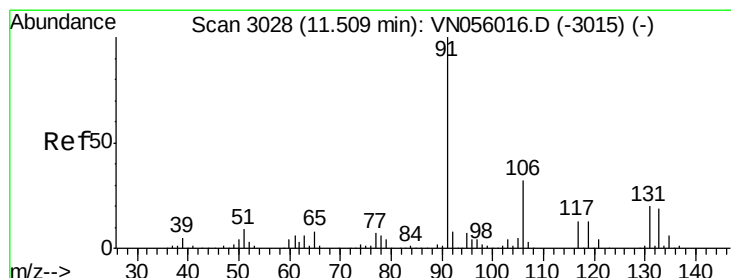
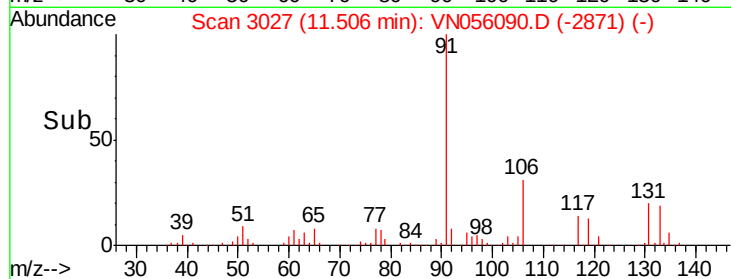
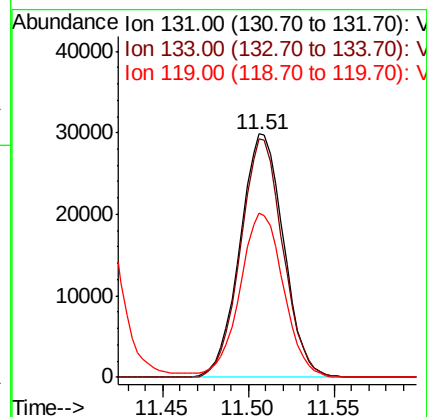
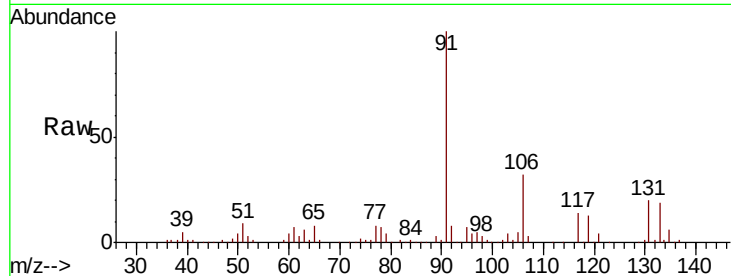
Tot Ion:131 Resp: 52704

Ion Ratio Lower Upper

131 100

133 95.2 0.0 193.8

119 67.4 0.0 134.4



#66

Ethyl Benzene

Concen: 19.961 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056090.D

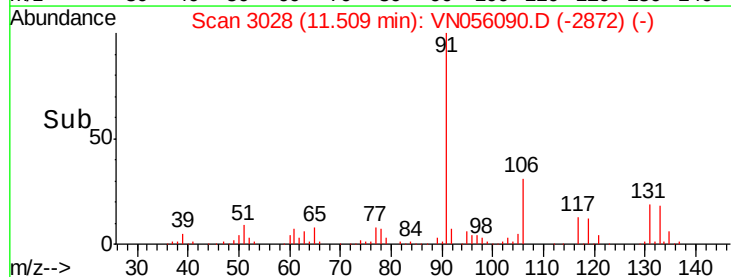
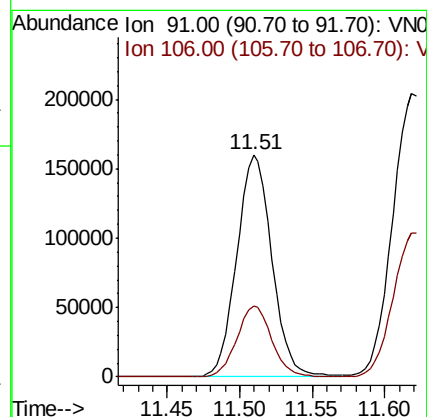
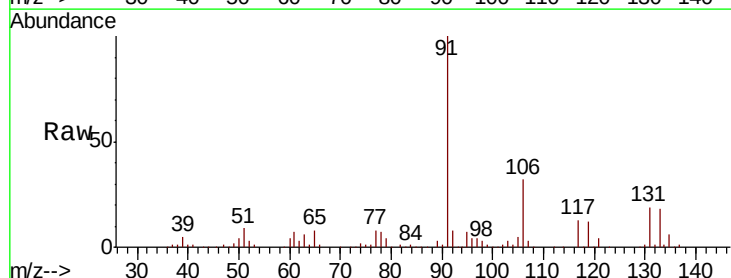
Acq: 7 Jun 2019 11:00

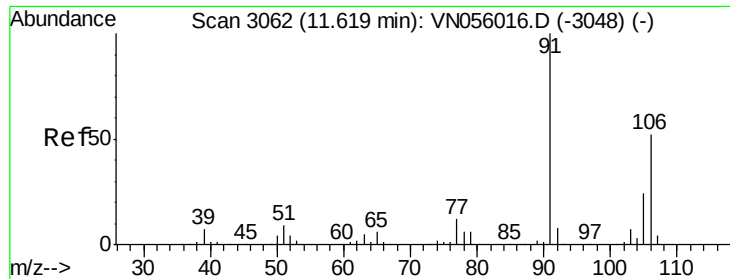
Tgt Ion: 91 Resp: 269871

Ion Ratio Lower Upper

91 100

106 32.1 25.7 38.5

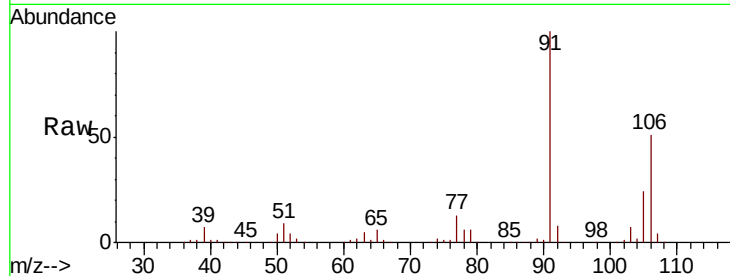




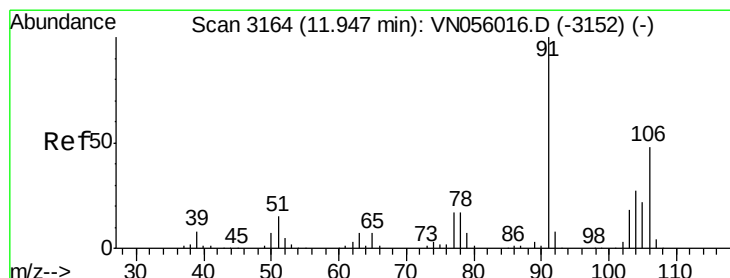
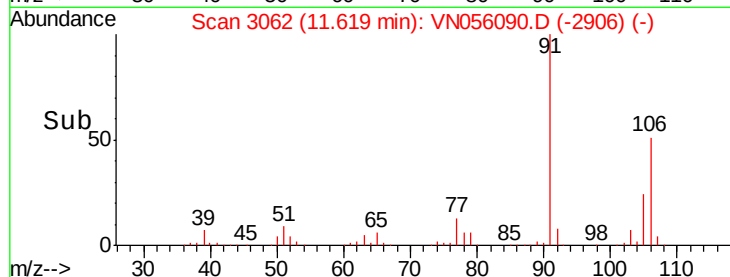
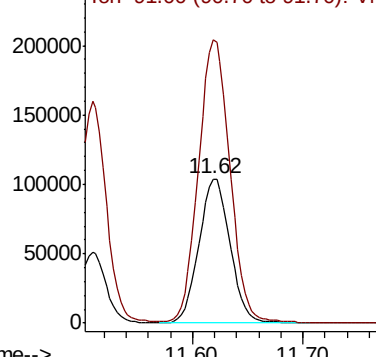
#67
m/p-Xylenes
Concen: 39.548 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0608WBSD01

Tot Ion:106 Resp: 204657
Ion Ratio Lower Upper
106 100
91 198.1 155.7 233.5

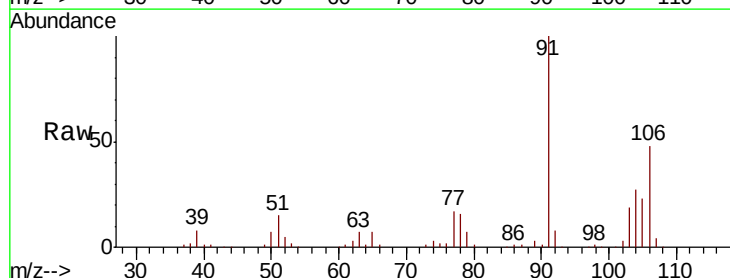


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

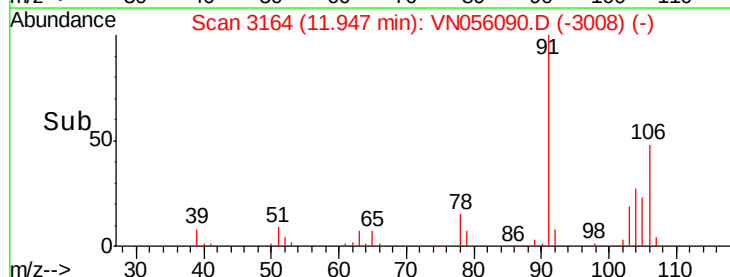
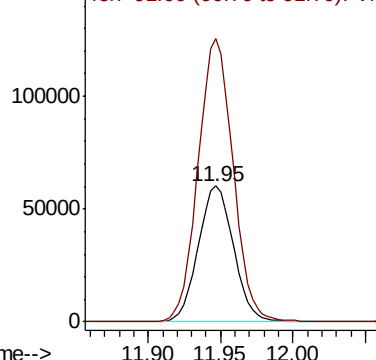


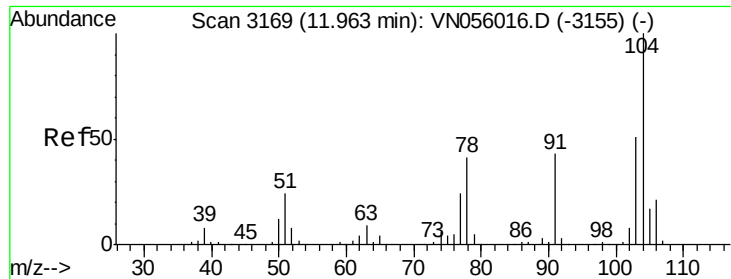
#68
o-Xylene
Concen: 20.159 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion:106 Resp: 102129
Ion Ratio Lower Upper
106 100
91 206.3 103.9 311.7



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

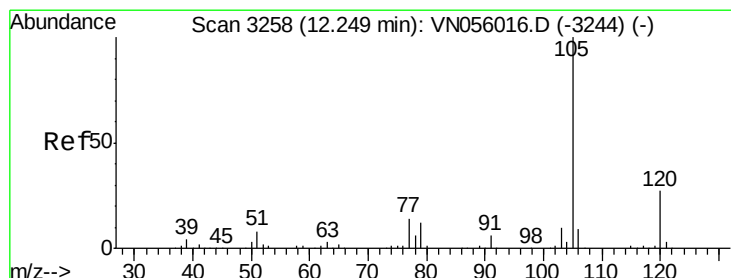
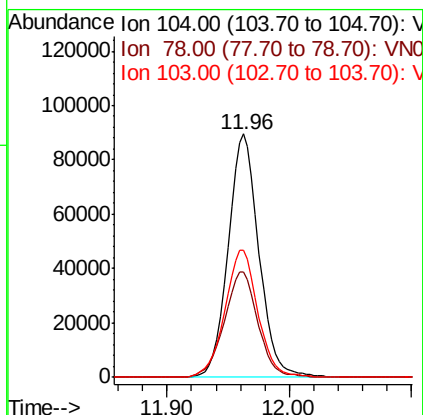
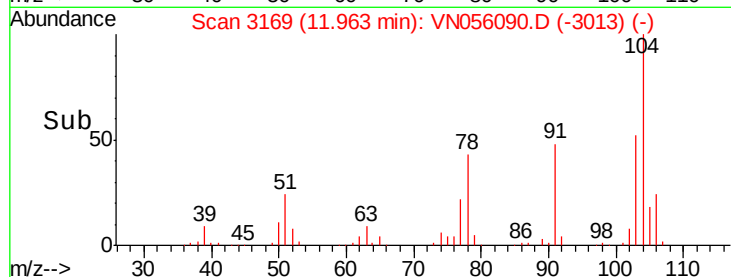
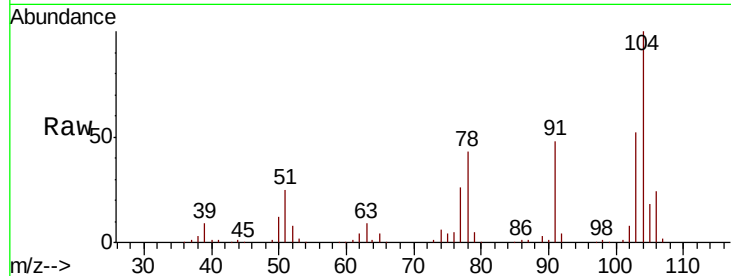




#69
Stvrene
Concen: 19.105 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

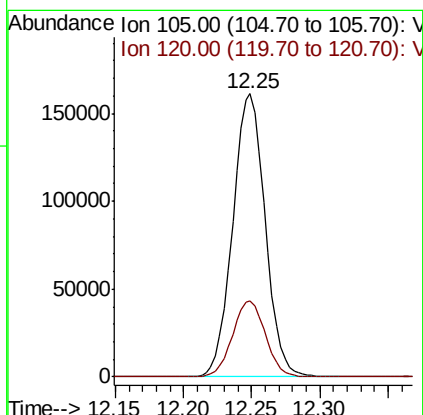
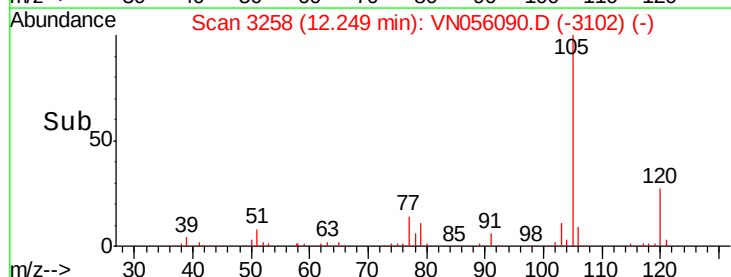
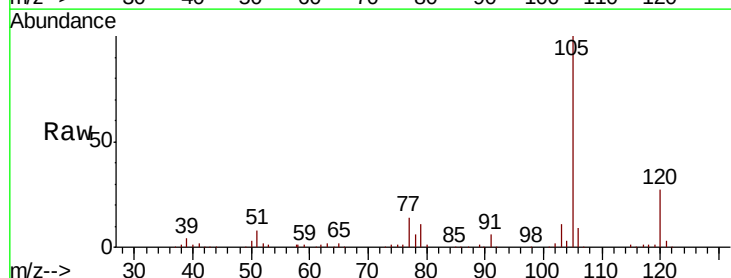
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

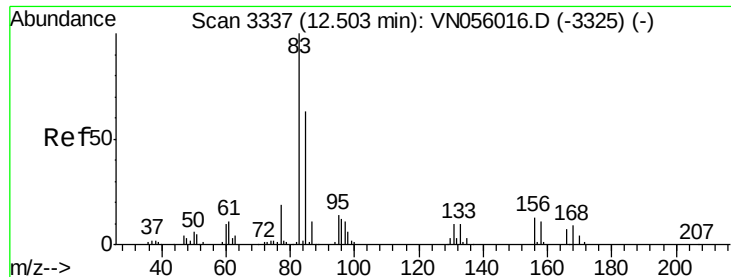
Tot Ion:104 Resp: 157260
Ion Ratio Lower Upper
104 100
78 47.6 37.0 55.6
103 56.5 44.4 66.6



#70
Isopropylbenzene
Concen: 20.091 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Tgt Ion:105 Resp: 265939
Ion Ratio Lower Upper
105 100
120 27.3 19.3 35.8

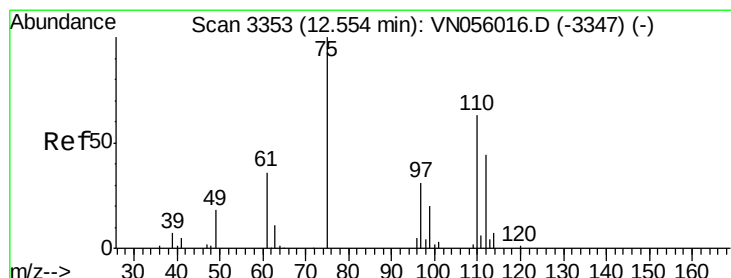
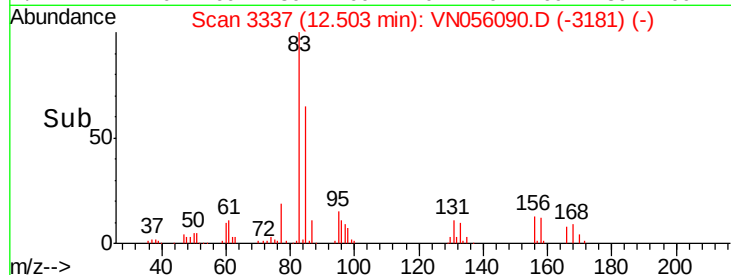
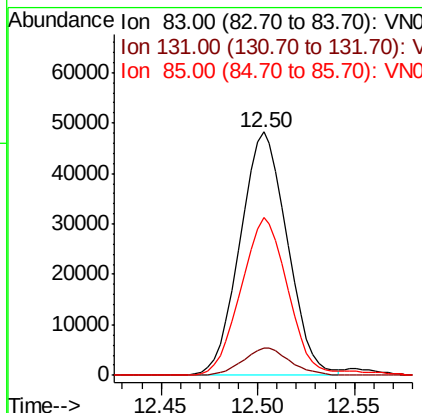
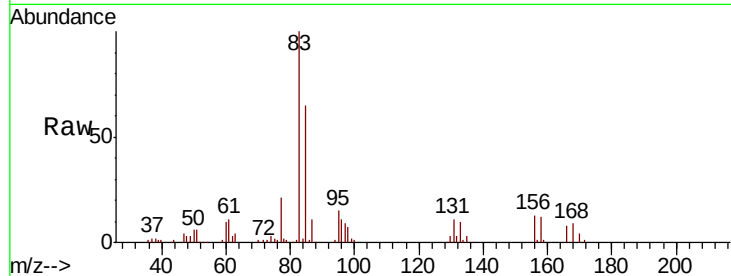




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.552 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

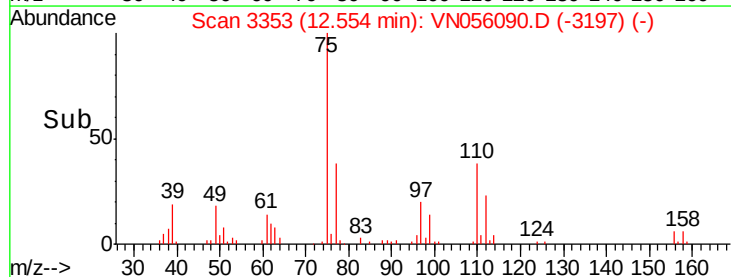
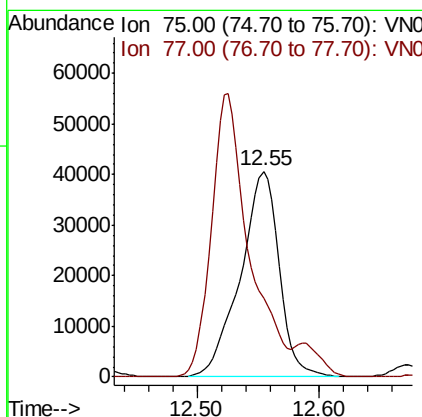
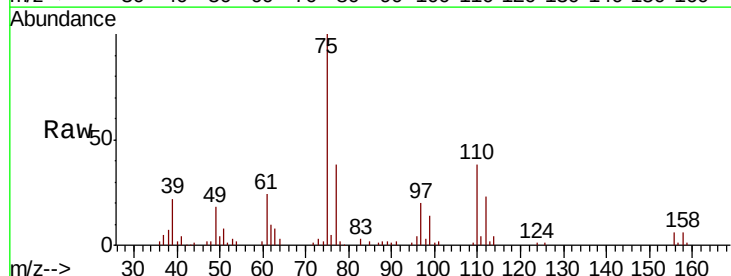
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

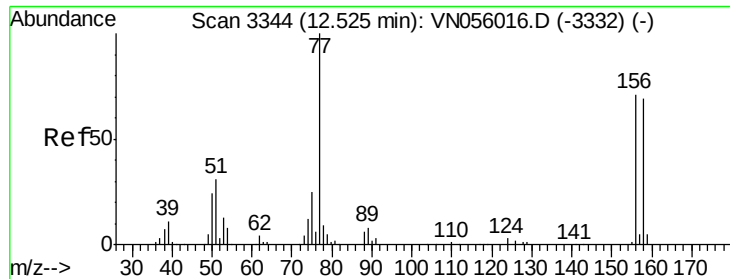
Tot Ion: 83 Resp: 82019
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.2 15.6
 85 65.2 31.6 94.7



#72
 1,2,3-Trichloropropane
 Concen: 25.831 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 75 Resp: 89241
 Ion Ratio Lower Upper
 75 100
 77 135.3 0.0 350.0





#73

Bromobenzene

Concen: 19.423 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

VN0608WBSD01

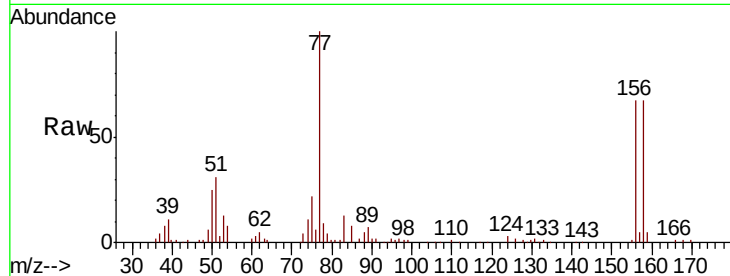
Tot Ion:156 Resp: 68243

Ion Ratio Lower Upper

156 100

77 176.9 0.0 350.8

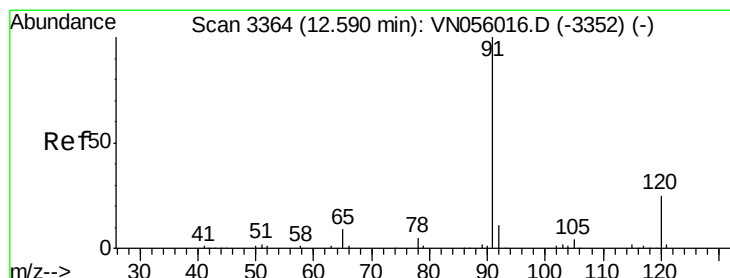
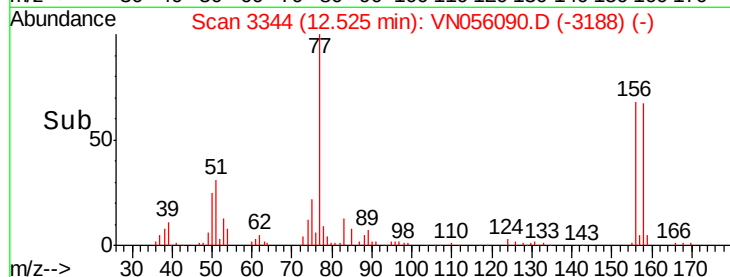
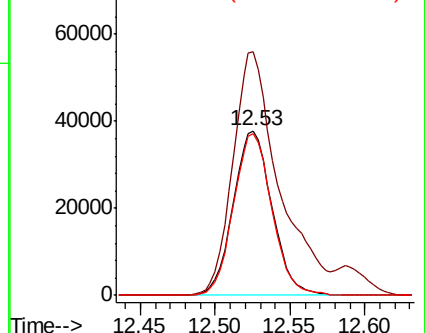
158 97.3 0.0 193.2



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: 19.610 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056090.D

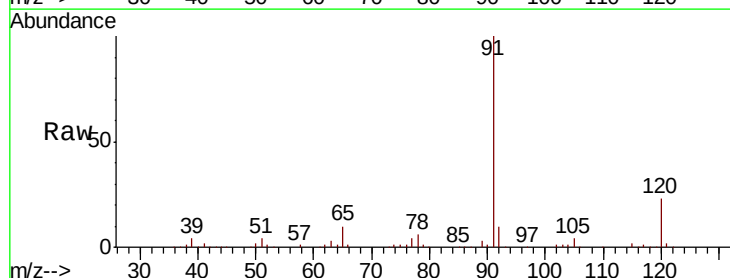
Acq: 7 Jun 2019 11:00

Tgt Ion: 91 Resp: 273925

Ion Ratio Lower Upper

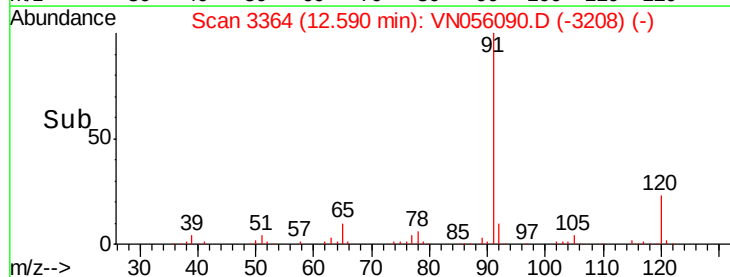
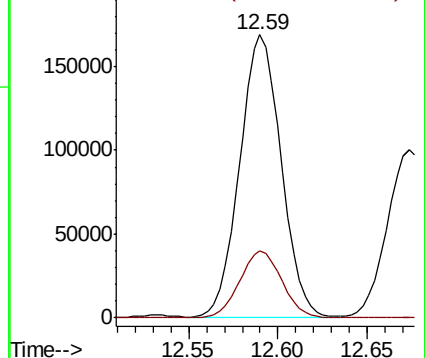
91 100

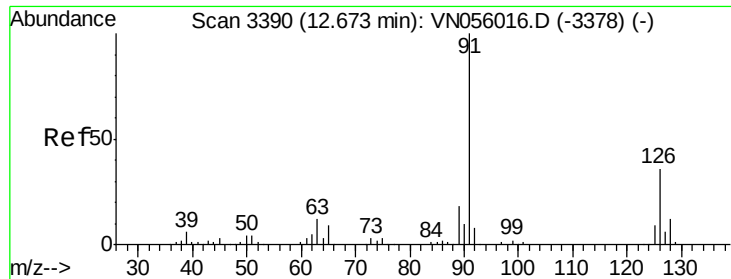
120 23.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.047 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

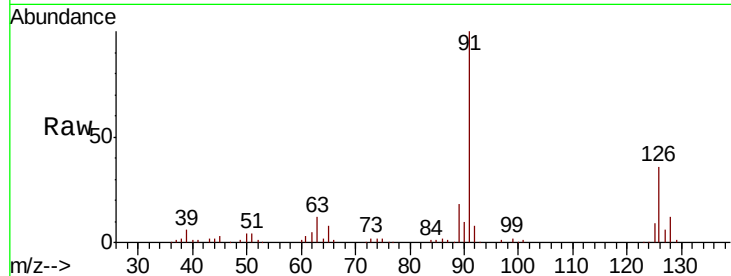
VN0608WBSD01

Tot Ion: 91 Resp: 173695

Ion Ratio Lower Upper

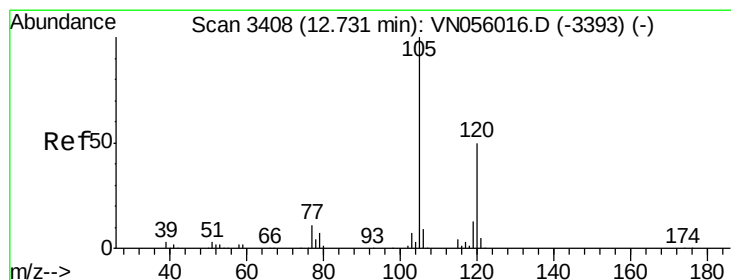
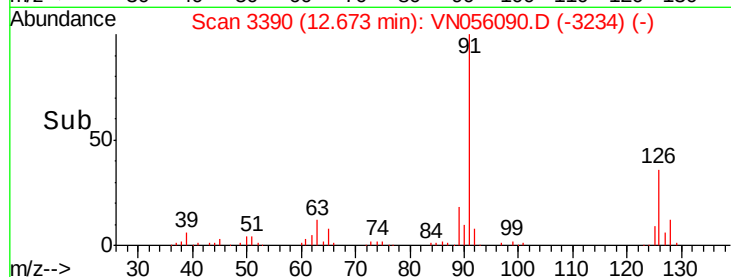
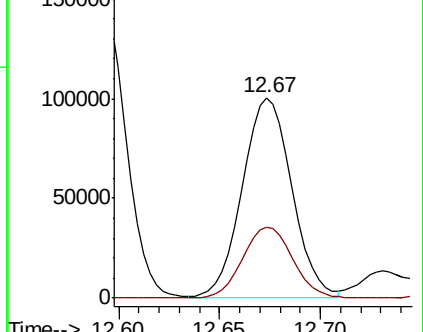
91 100

126 35.8 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: 20.043 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056090.D

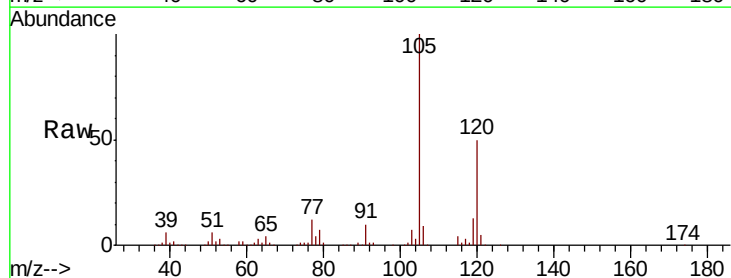
Acq: 7 Jun 2019 11:00

Tgt Ion: 105 Resp: 218227

Ion Ratio Lower Upper

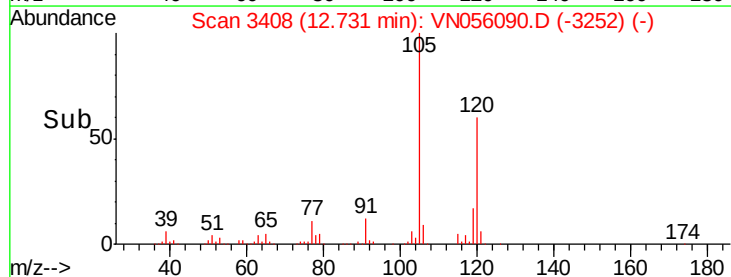
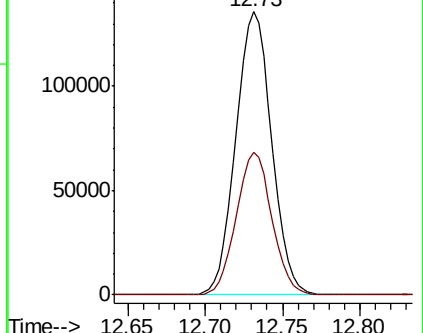
105 100

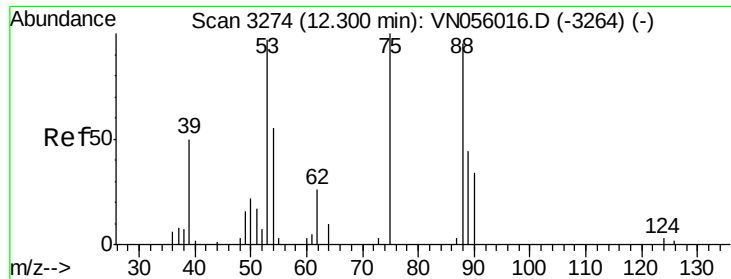
120 50.1 0.0 100.6



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: 15.413 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

VN0608WBSD01

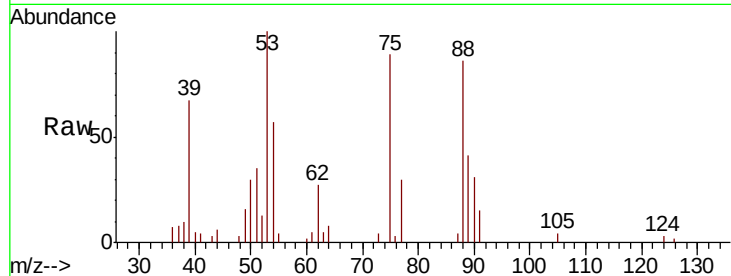
Tot Ion: 75 Resp: 15194

Ion Ratio Lower Upper

75 100

53 109.1 48.0 144.0

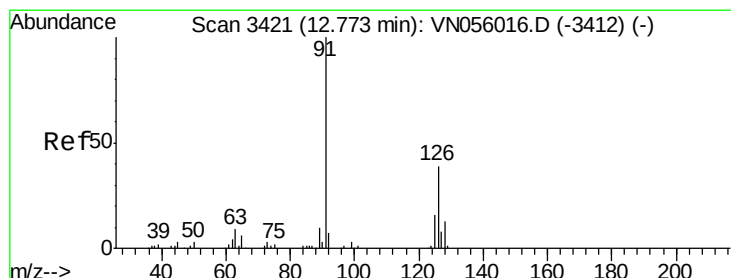
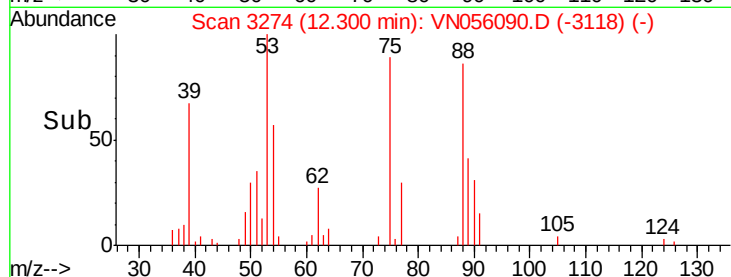
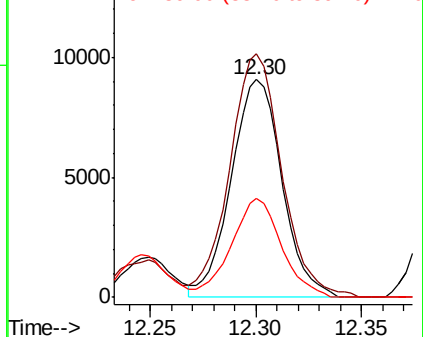
89 45.6 22.5 67.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.237 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056090.D

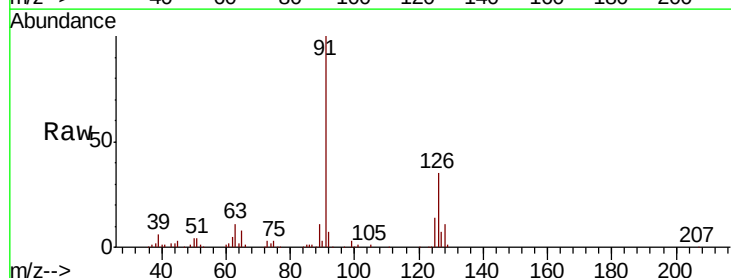
Acq: 7 Jun 2019 11:00

Tgt Ion: 91 Resp: 155658

Ion Ratio Lower Upper

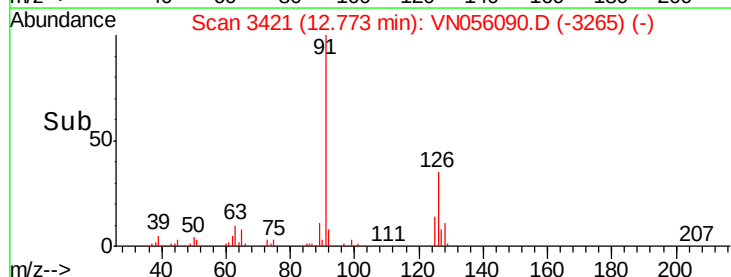
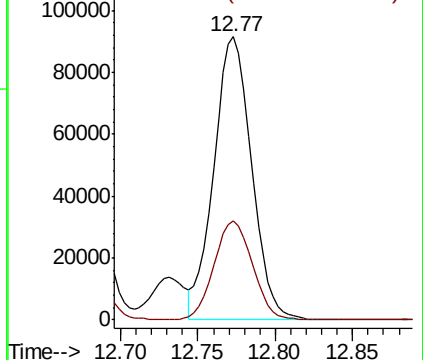
91 100

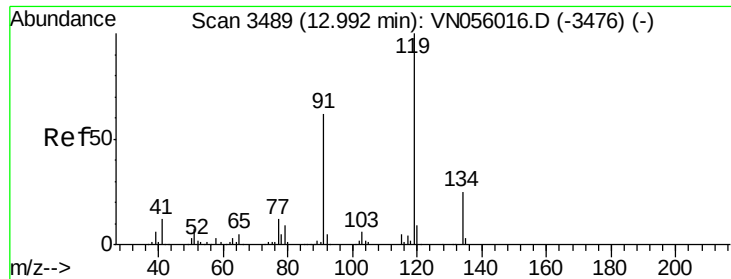
126 35.2 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

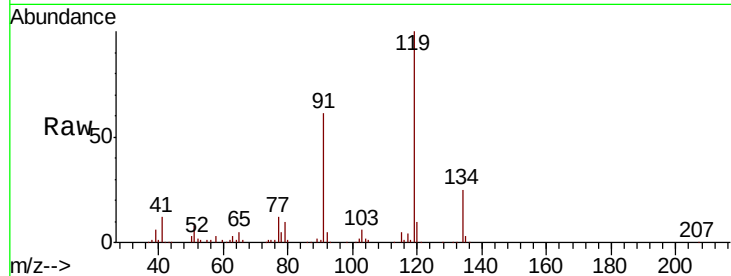




#79
tert-butylbenzene
Concen: 19.890 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	0.0	122.8
134	25.3	0.0	50.2

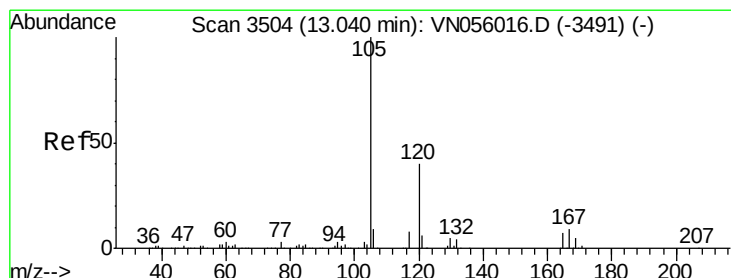
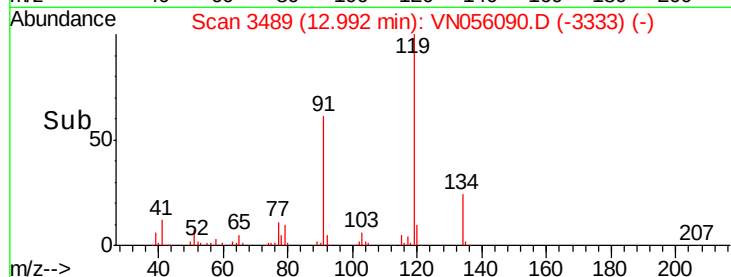
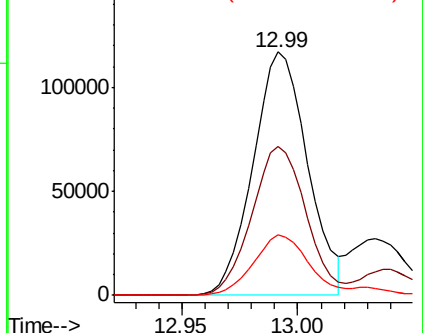


Abundance

Ion 119.00 (118.70 to 119.70): V

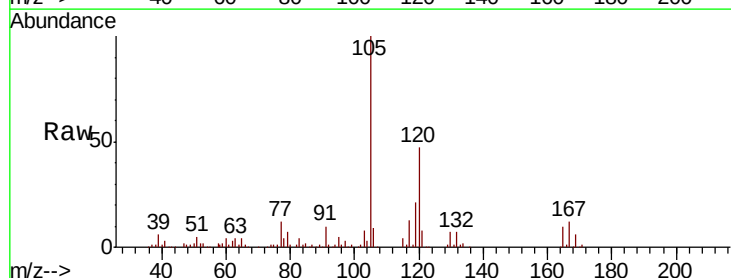
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80
1,2,4-Trimethylbenzene
Concen: 19.613 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056090.D
Acq: 7 Jun 2019 11:00

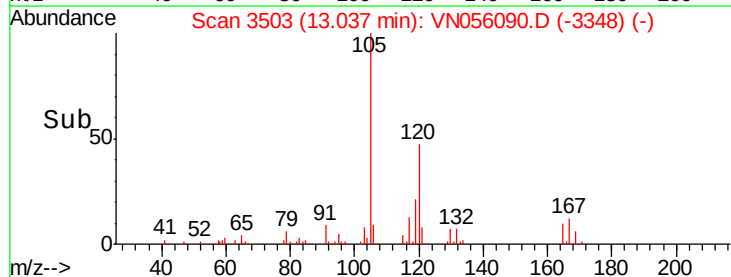
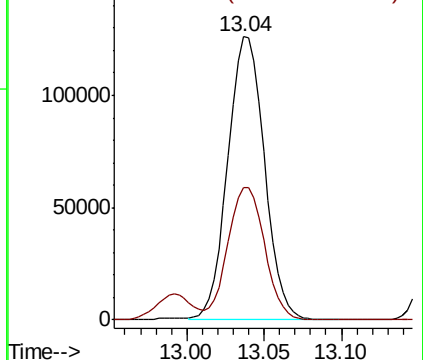
Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	0.0	93.4

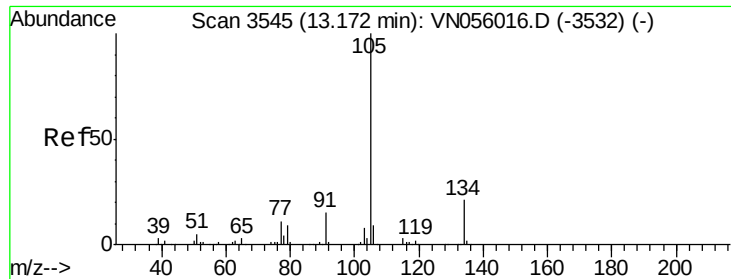


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.994 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

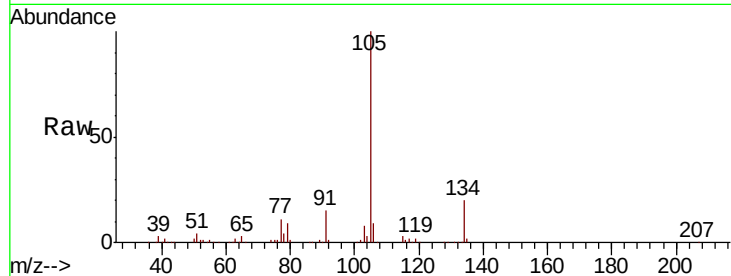
VN0608WBSD01

Tot Ion:105 Resp: 243986

Ion Ratio Lower Upper

105 100

134 20.9 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

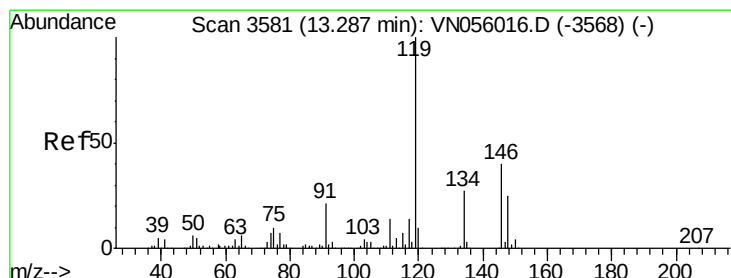
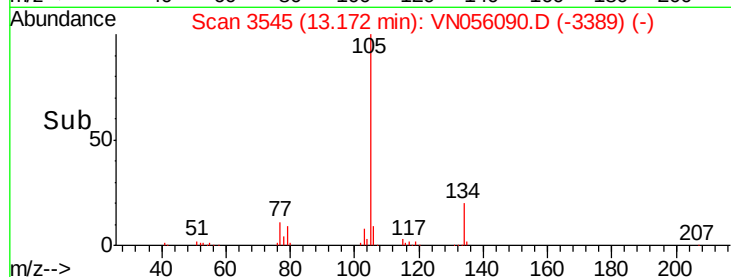
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 19.512 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

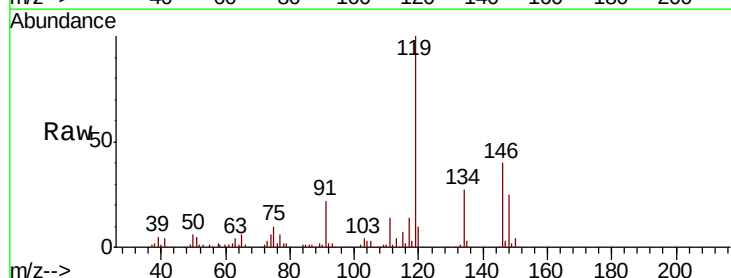
Tgt Ion:119 Resp: 215279

Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.4

91 22.2 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

13.29

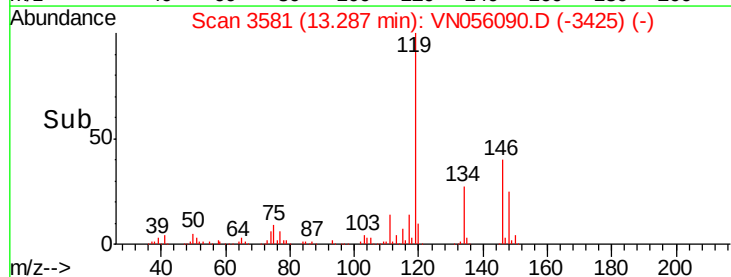
150000

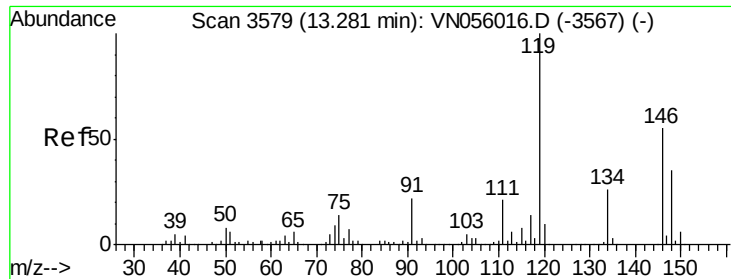
100000

50000

0

Time-->

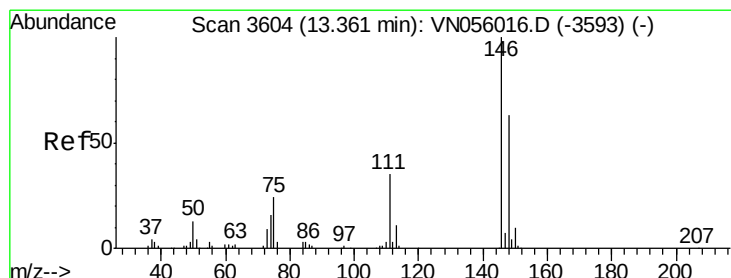
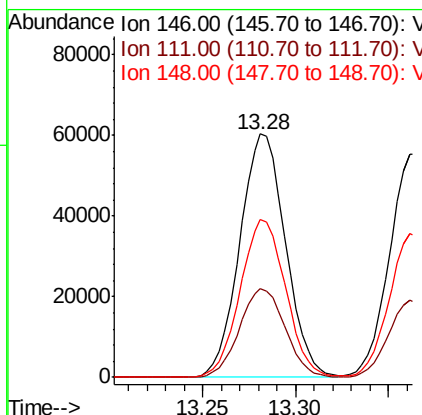
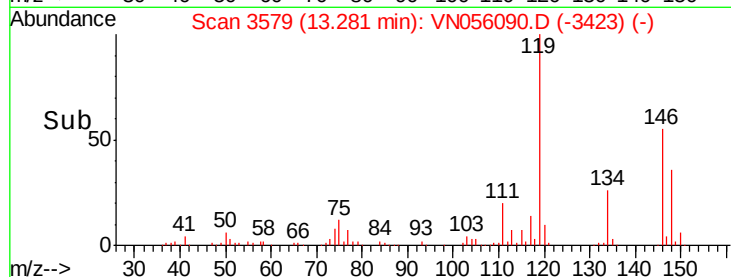
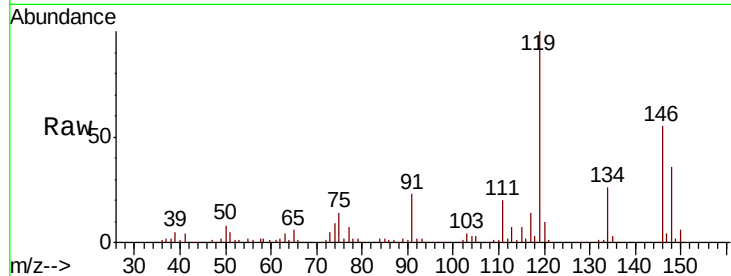




#83
 1,3-Dichlorobenzene
 Concen: 18.853 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

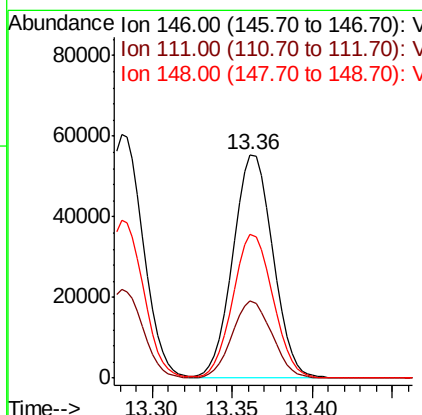
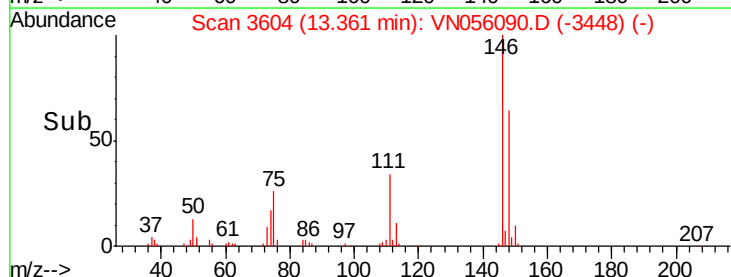
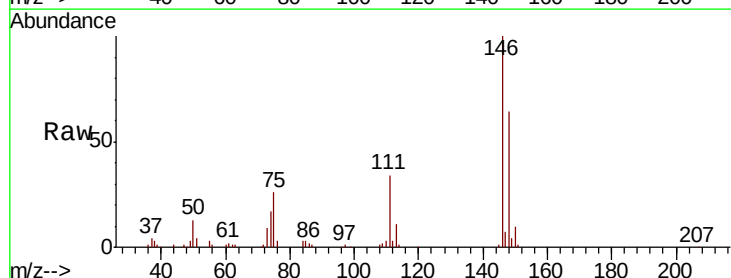
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

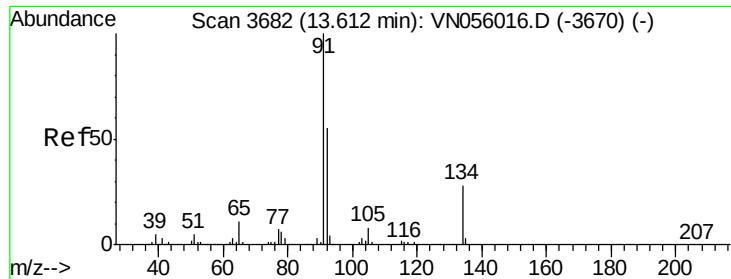
Tot Ion:146 Resp: 103227
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.2 54.6
 148 64.4 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.178 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion:146 Resp: 94810
 Ion Ratio Lower Upper
 146 100
 111 34.3 17.6 52.9
 148 64.0 32.1 96.3





#85

n-Butylbenzene

Concen: 17.399 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

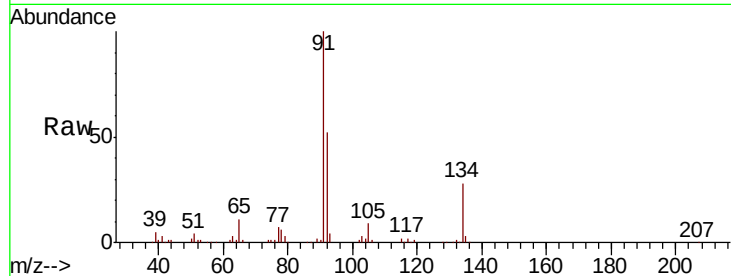
Tot Ion: 91 Resp: 143269

Ion Ratio Lower Upper

91 100

92 52.5 0.0 107.2

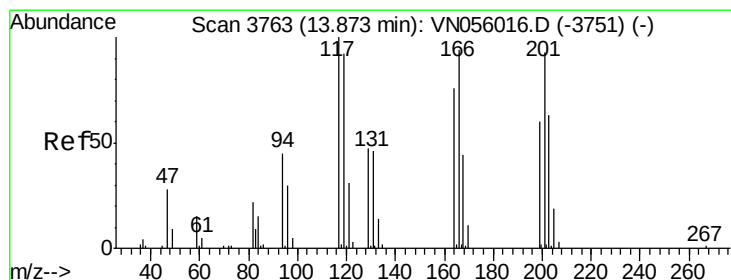
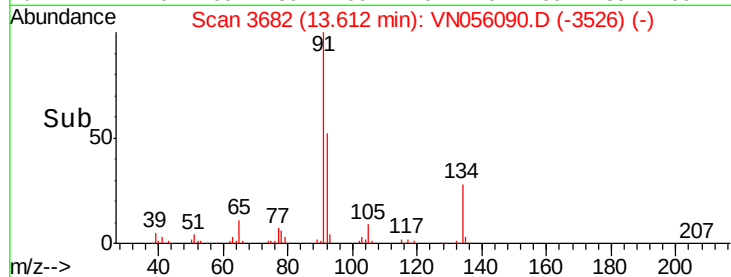
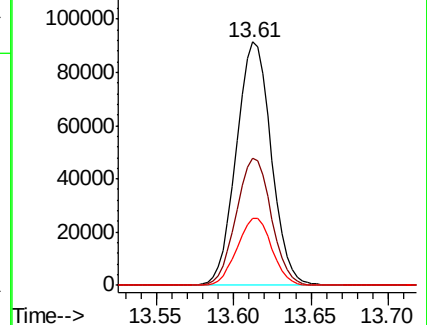
134 27.5 0.0 55.8



Abundance Ion 91.00 (90.70 to 91.70): VN056016.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN056016.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN056016.D (-3670) (-)



#86

Hexachloroethane

Concen: 17.114 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056090.D

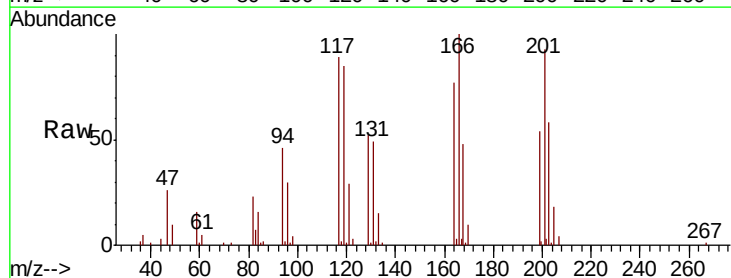
Acq: 7 Jun 2019 11:00

Tgt Ion: 117 Resp: 29436

Ion Ratio Lower Upper

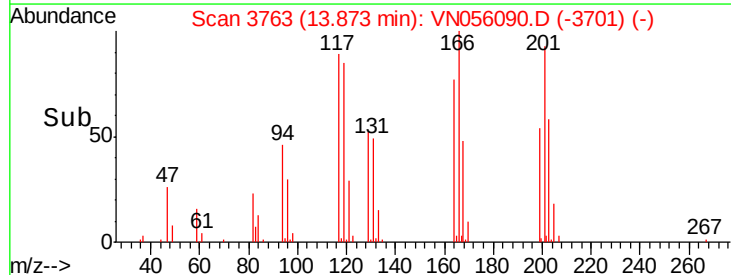
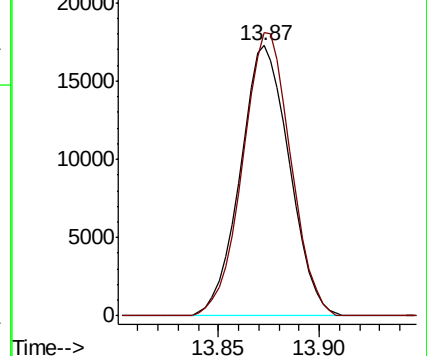
117 100

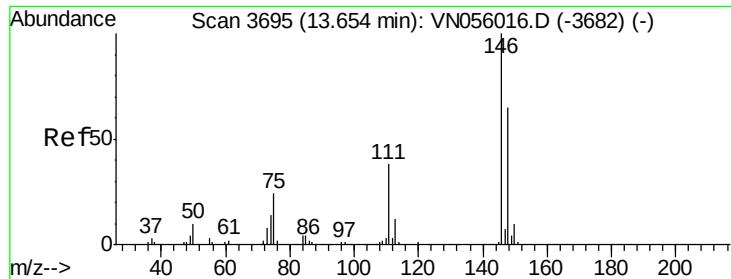
201 102.5 48.1 144.4



Abundance Ion 117.00 (116.70 to 117.70): VN056016.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056016.D (-3751) (-)

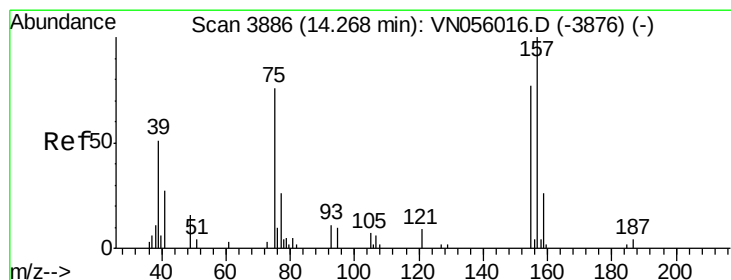
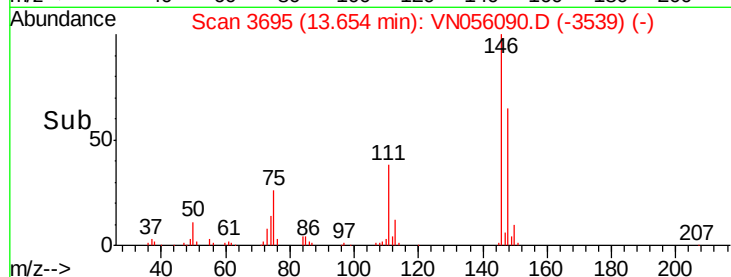
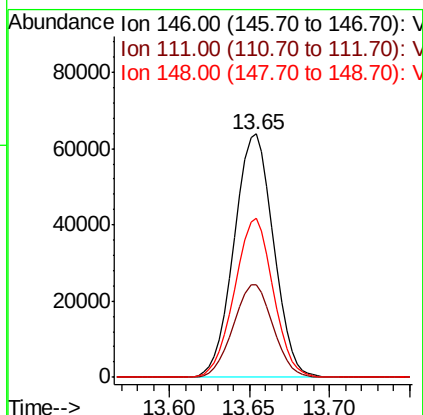
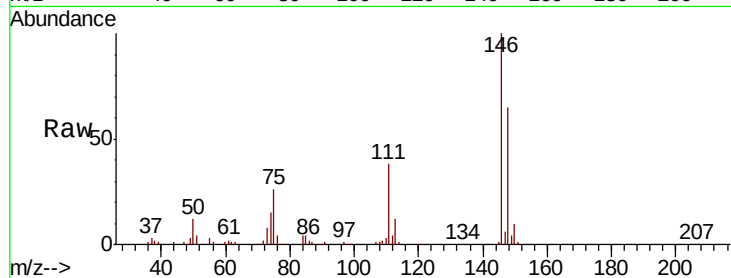




#87
 1,2-Dichlorobenzene
 Concen: 19.298 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

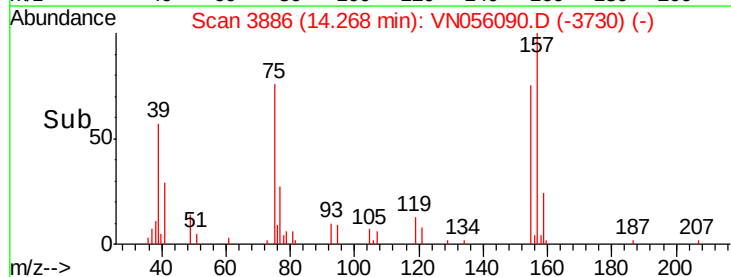
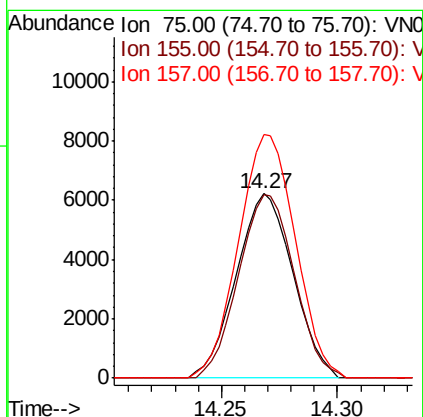
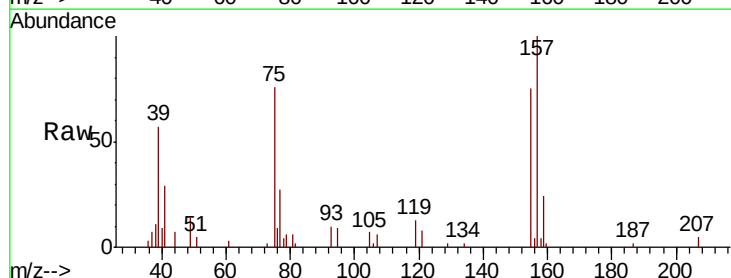
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

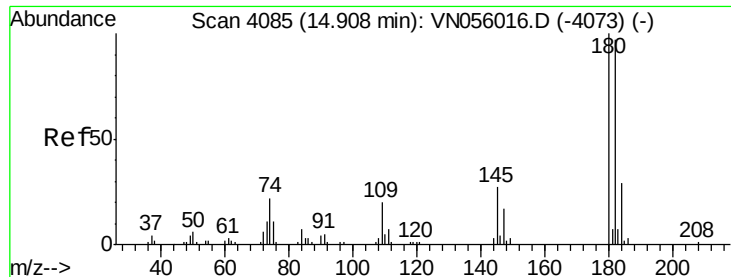
Tot Ion:146 Resp: 107404
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.9
 148 63.8 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.892 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion: 75 Resp: 10582
 Ion Ratio Lower Upper
 75 100
 155 97.7 82.5 123.7
 157 132.2 105.1 157.7

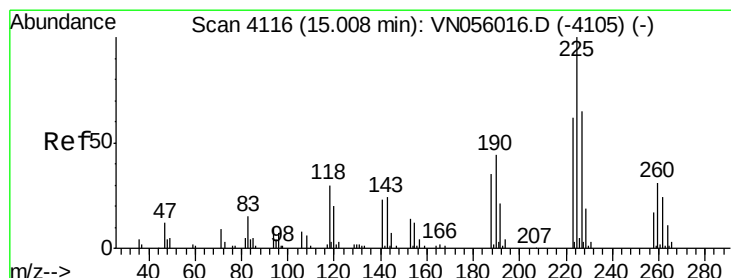
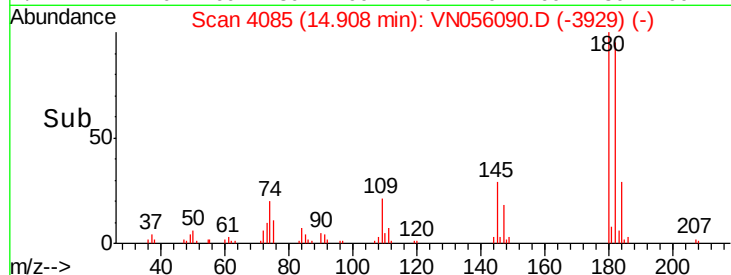
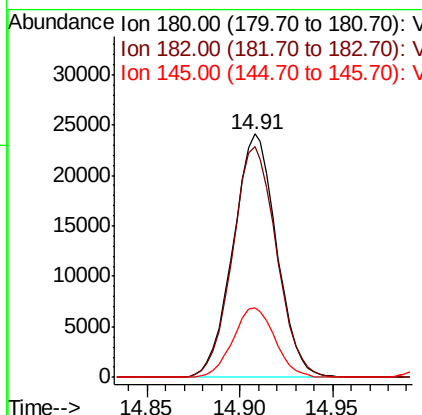
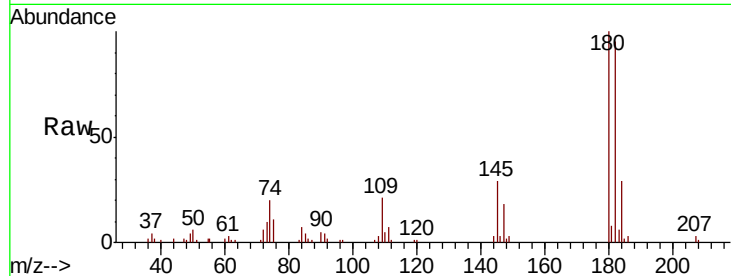




#89
 1,2,4-Trichlorobenzene
 Concen: 18.597 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

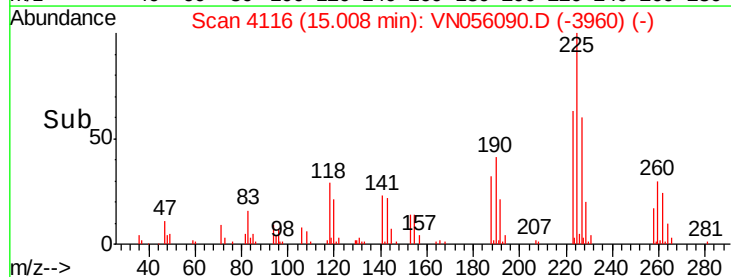
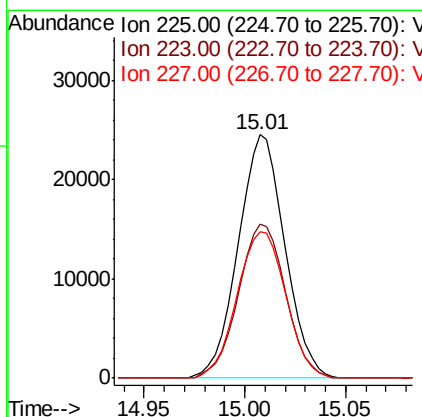
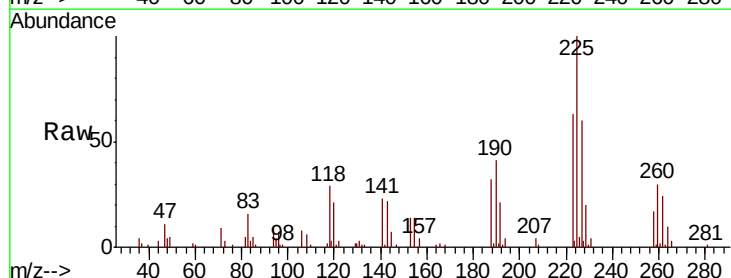
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

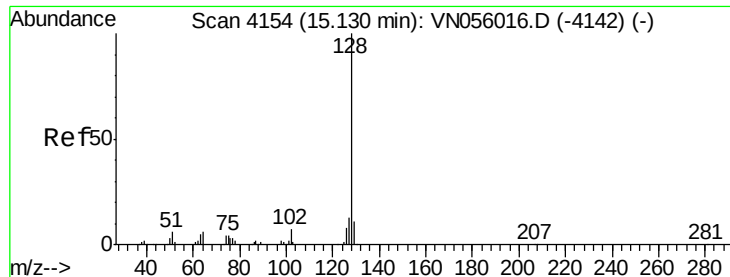
Tot Ion:180 Resp: 39203
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.0 112.6
 145 27.7 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 19.561 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056090.D
 Acq: 7 Jun 2019 11:00

Tgt Ion:225 Resp: 39744
 Ion Ratio Lower Upper
 225 100
 223 63.8 0.0 125.6
 227 62.8 0.0 128.6





#91

Naphthalene

Concen: 14.202 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD01

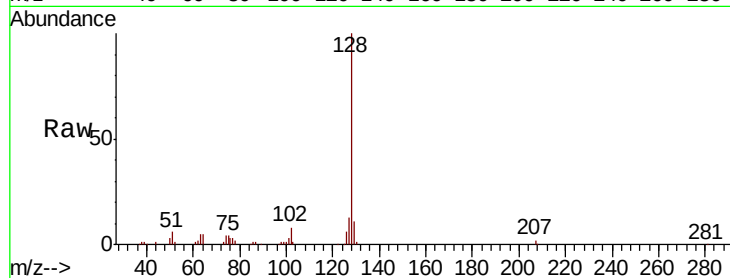
Tot Ion:128 Resp: 104980

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

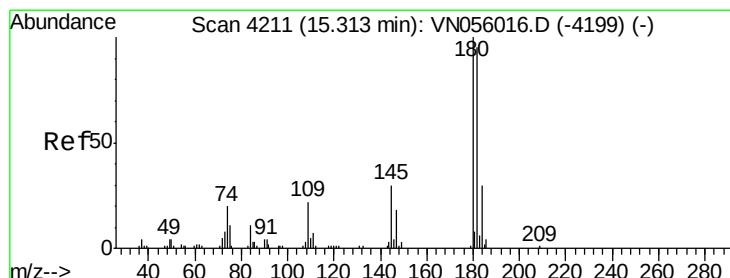
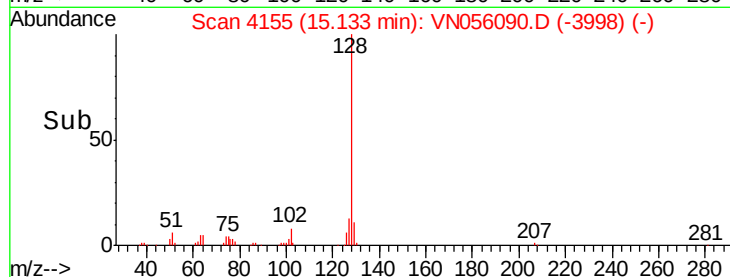
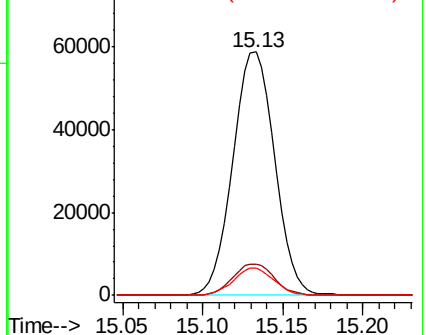
129 10.7 8.7 13.1



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: 15.903 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056090.D

Acq: 7 Jun 2019 11:00

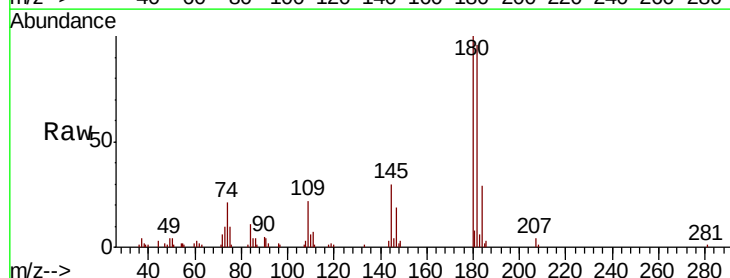
Tgt Ion:180 Resp: 46332

Ion Ratio Lower Upper

180 100

182 95.4 0.0 193.4

145 28.9 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

