

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056241.D
 Acq On : 12 Jun 2019 11:37
 Operator : JC/SP
 Sample : VN0612WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Quant Time: Jun 13 04:27:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	49104	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	245053	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	217806	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	90251	29.60	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.67%
60) 4-Bromofluorobenzene	12.40	95	95099	29.46	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.20%
63) Toluene-d8	10.09	98	300771	30.44	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	56015	20.282	ug/l 97
3) Chloromethane	2.06	50	65918	20.428	ug/l 99
4) Vinyl Chloride	2.18	62	61967	18.835	ug/l 99
5) Bromomethane	2.54	94	39805	19.251	ug/l 97
6) Chloroethane	2.69	64	36313	19.513	ug/l 99
7) Trichlorofluoromethane	3.01	101	80304	19.728	ug/l 99
8) Diethyl Ether	3.40	74	30827	17.856	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	49941	19.875	ug/l 100
10) 1,1-Dichloroethene	3.72	96	48690	18.996	ug/l 97
11) Methyl Iodide	3.94	142	73634	18.208	ug/l 96
12) Methyl Acetate	4.33	43	58935	19.134	ug/l 99
13) Acrolein	3.60	56	14794	98.542	ug/l 100
14) Acrylonitrile	4.99	53	129591	94.344	ug/l 100
15) Acetone	3.82	58	38377	85.329	ug/l 95
16) Carbon Disulfide	4.04	76	117126	19.205	ug/l 99
17) Allyl chloride	4.31	41	74990	18.882	ug/l 99
18) Methylene Chloride	4.54	84	58298	19.646	ug/l 97
19) trans-1,2-Dichloroethene	5.03	96	53294	19.478	ug/l 97
20) Diisopropyl ether	5.96	45	155820	18.937	ug/l 99
21) 1,1-Dichloroethane	5.84	63	91484	19.131	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	60085	18.815	ug/l 98
23) tert-Butyl Alcohol	4.81	59	37511	70.159	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	148777	18.213	ug/l 100
25) Chloroform	7.37	83	95287	19.956	ug/l 97
26) Cyclohexane	7.65	56	83129	18.738	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	68272	20.596	ug/l 98
30) 2-Butanone	6.84	43	173664	99.518	ug/l 99
31) 2,2-Dichloropropane	6.82	77	59088	19.162	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	77248	21.093	ug/l 98
33) Carbon Tetrachloride	7.77	117	67446	21.737	ug/l 98
34) Benzene	8.04	78	218263	20.666	ug/l 99
35) Methacrylonitrile	7.17	41	33426	22.683	ug/l 97
36) 1,2-Dichloroethane	8.12	62	70426	21.288	ug/l 98
37) Trichloroethene	8.83	130	61237	20.720	ug/l 98
38) Methylcyclohexane	9.08	83	83173	19.792	ug/l 99
39) 1,2-Dichloropropane	9.12	63	55763	20.615	ug/l 97
40) Dibromomethane	9.21	93	38032	21.205	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	69900	21.765	ug/l	97
42) Vinyl Acetate	5.90	43	628333	100.996	ug/l	99
43) Ethyl Acetate	6.93	43	68277	20.444	ug/l	93
44) Isopropyl Acetate	8.17	43	99691	19.225	ug/l	98
45) 1,4-Dioxane	9.20	88	22692	409.077	ug/l	97
46) Methyl methacrylate	9.20	41	49601	19.255	ug/l	95
47) n-amyl Acetate	12.07	43	81063	18.903	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	63084	18.665	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	78086	19.731	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	55320	20.767	ug/l	97
51) Ethyl methacrylate	10.43	69	76123	18.888	ug/l	97
52) 1,3-Dichloropropane	10.71	76	90002	20.840	ug/l	99
53) Dibromochloromethane	10.90	129	58417	22.402	ug/l	98
54) 1,2-Dibromoethane	11.01	107	57190	20.573	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	126110	89.336	ug/l	99
56) Bromoform	12.13	173	41703	22.106	ug/l #	98
58) 4-Methyl-2-Pentanone	9.99	43	334844	101.526	ug/l	99
59) 2-Hexanone	10.75	43	236027	100.125	ug/l	99
61) Tetrachloroethene	10.63	164	64260	21.169	ug/l	94
62) Toluene	10.16	91	239164	20.340	ug/l	100
64) Chlorobenzene	11.43	112	146070	20.481	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	54986	21.381	ug/l	99
66) Ethyl Benzene	11.51	91	249542	19.926	ug/l	99
67) m/p-Xylenes	11.62	106	192838	40.229	ug/l	99
68) o-Xylene	11.95	106	94738	20.188	ug/l	99
69) Styrene	11.96	104	150809	19.780	ug/l	98
70) Isopropylbenzene	12.25	105	249308	20.333	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	76706	20.750	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	84701	26.468	ug/l	71
73) Bromobenzene	12.53	156	66535	20.444	ug/l	98
74) n-propylbenzene	12.59	91	257388	19.892	ug/l	99
75) 2-Chlorotoluene	12.67	91	164113	20.448	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	204459	20.272	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	15775	17.276	ug/l	96
78) 4-Chlorotoluene	12.77	91	146042	19.484	ug/l	100
79) tert-butylbenzene	12.99	119	183472	20.533	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	195101	19.886	ug/l	99
81) sec-Butylbenzene	13.17	105	231453	20.476	ug/l	100
82) p-Isopropyltoluene	13.29	119	202016	19.767	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	99375	19.593	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	88479	18.314	ug/l	99
85) n-Butylbenzene	13.61	91	129614	16.993	ug/l	99
86) Hexachloroethane	13.87	117	33538	21.050	ug/l	93
87) 1,2-Dichlorobenzene	13.65	146	101223	19.634	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	10901	18.786	ug/l	96
89) 1,2,4-Trichlorobenzene	14.91	180	36082	18.533	ug/l	98
90) Hexachlorobutadiene	15.01	225	42151	22.397	ug/l	98
91) Naphthalene	15.13	128	91241	13.326	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	42845	15.877	ug/l	99

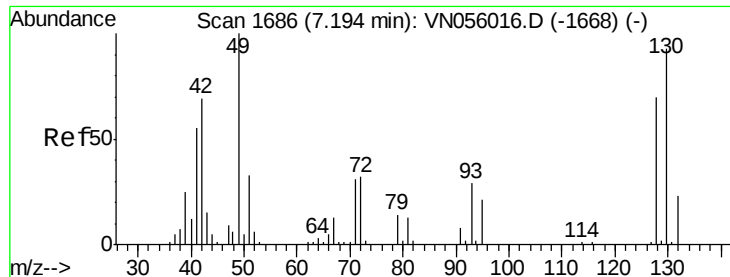
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

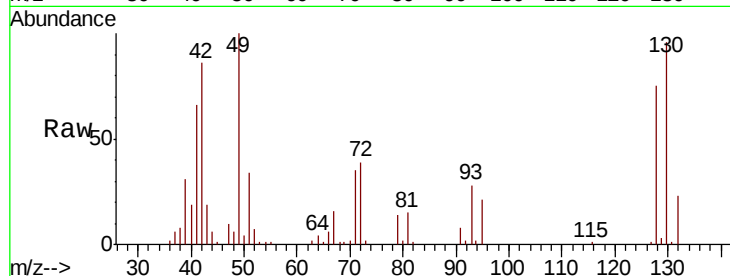
Tot Ion:128 Resp: 49104

Ion Ratio Lower Upper

128 100

49 138.1 0.0 355.8

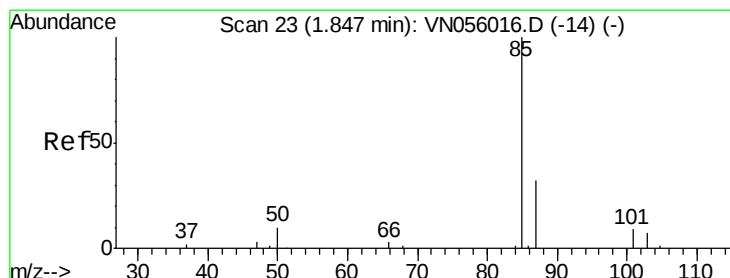
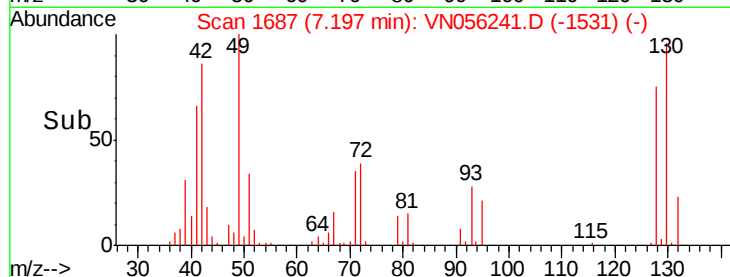
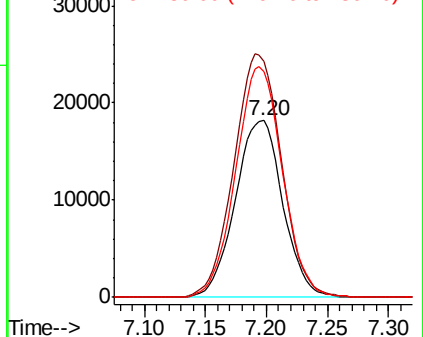
130 128.2 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.282 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056241.D

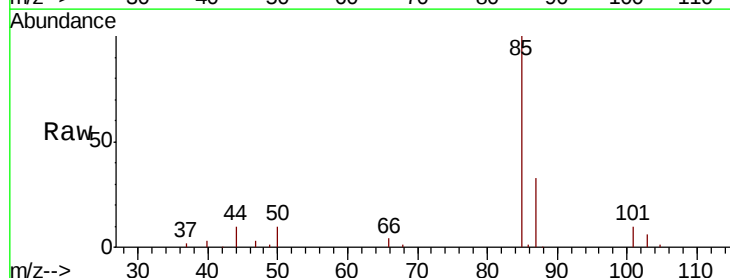
Acq: 12 Jun 2019 11:37

Tgt Ion: 85 Resp: 56015

Ion Ratio Lower Upper

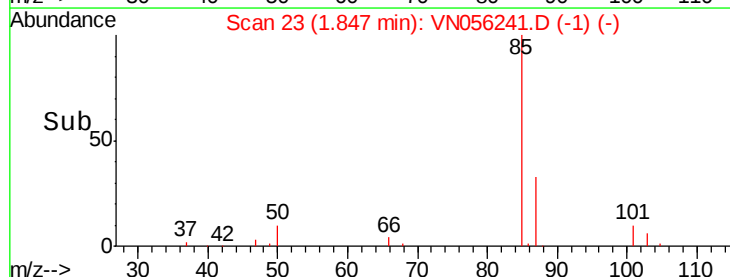
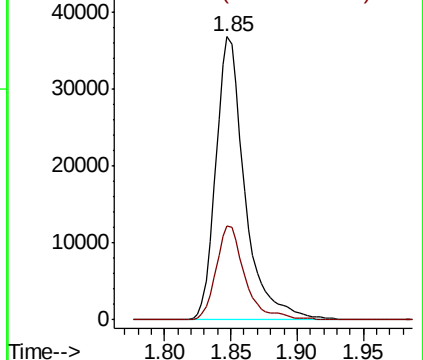
85 100

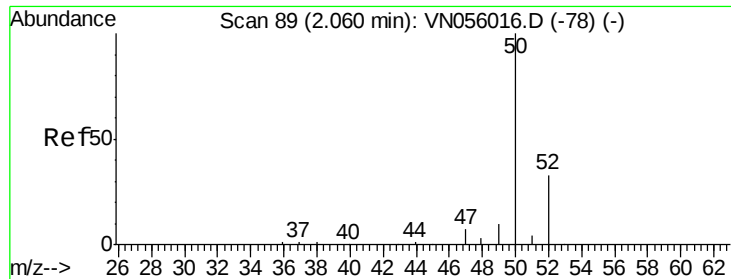
87 33.4 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.428 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

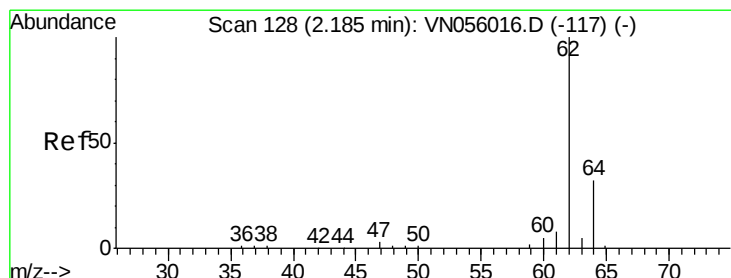
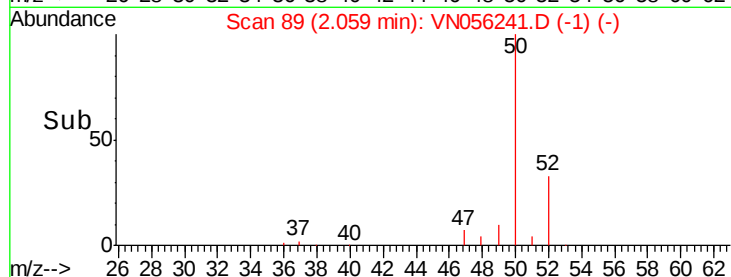
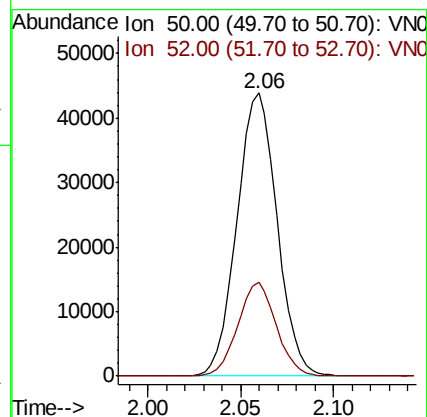
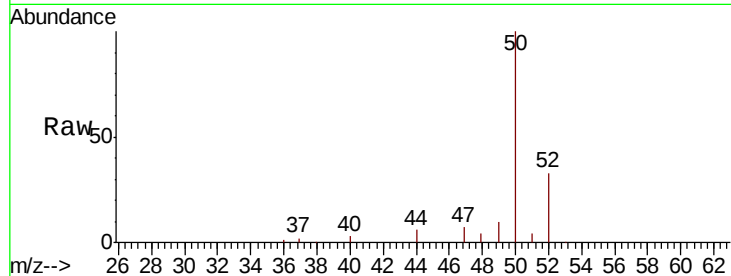
VN0612WBSD01

Tot Ion: 50 Resp: 65918

Ion Ratio Lower Upper

50 100

52 33.1 26.7 40.1



#4

Vinyl Chloride

Concen: 18.835 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056241.D

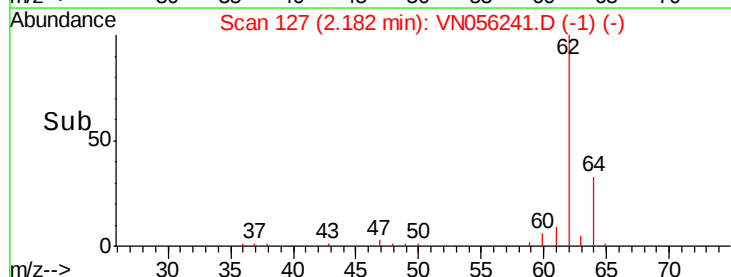
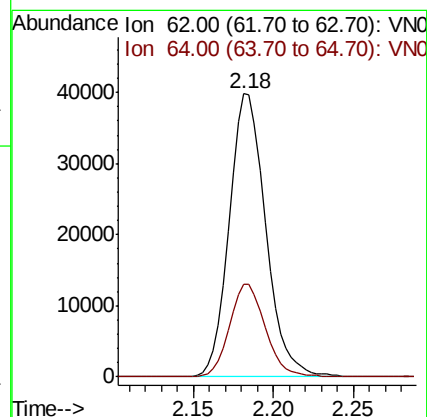
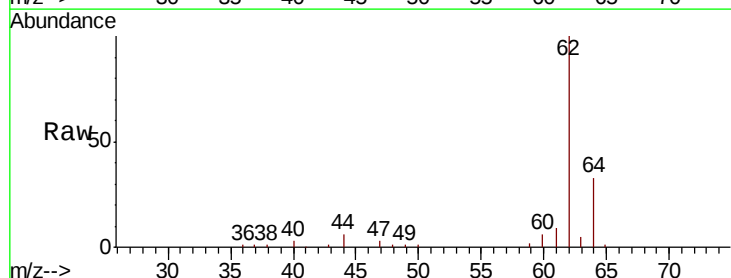
Acq: 12 Jun 2019 11:37

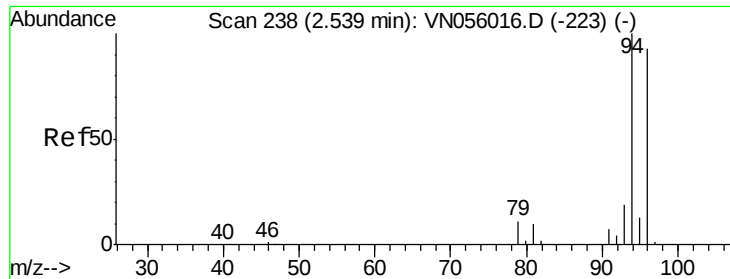
Tgt Ion: 62 Resp: 61967

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8

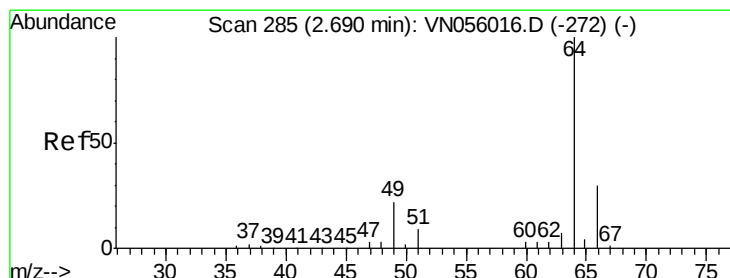
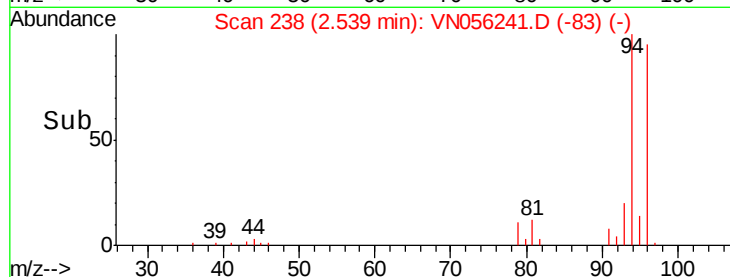
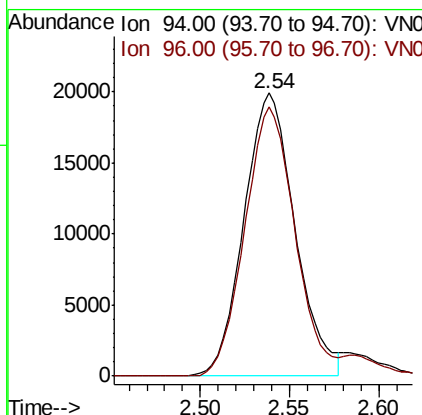
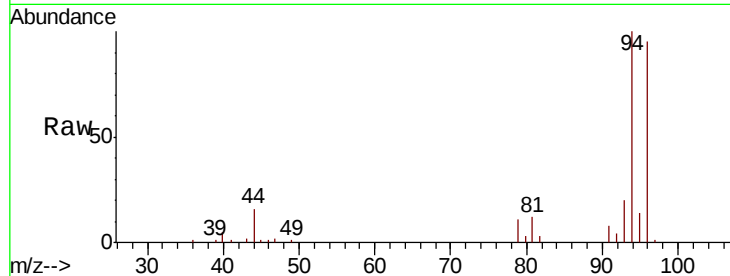




#5
Bromomethane
Concen: 19.251 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

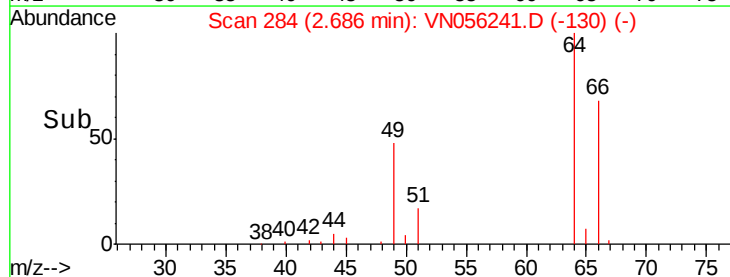
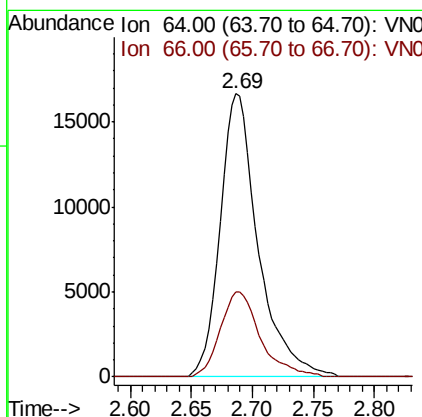
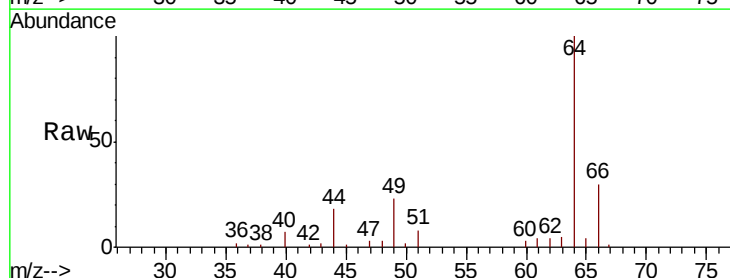
Instrument :
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ClientSampleId :
VN0612WBSD01

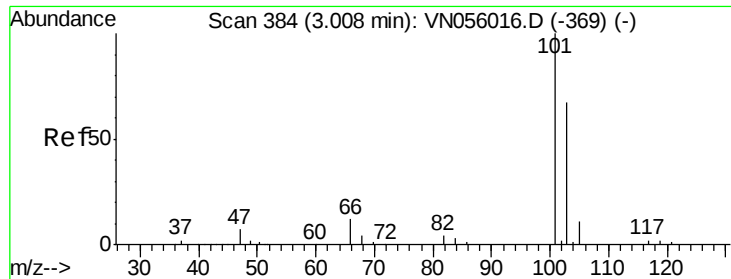
Tot Ion: 94 Resp: 39805
Ion Ratio Lower Upper
94 100
96 95.3 74.1 111.1



#6
Chloroethane
Concen: 19.513 ug/l
RT: 2.69 min Scan# 284
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 64 Resp: 36313
Ion Ratio Lower Upper
64 100
66 30.2 23.7 35.5



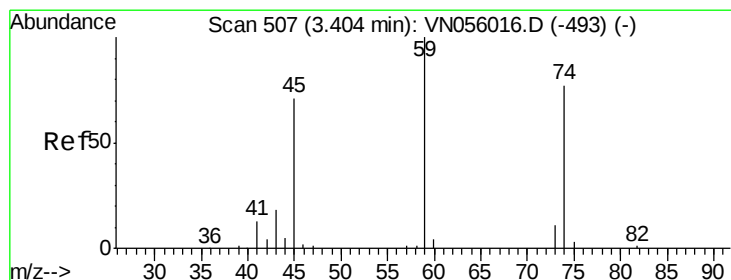
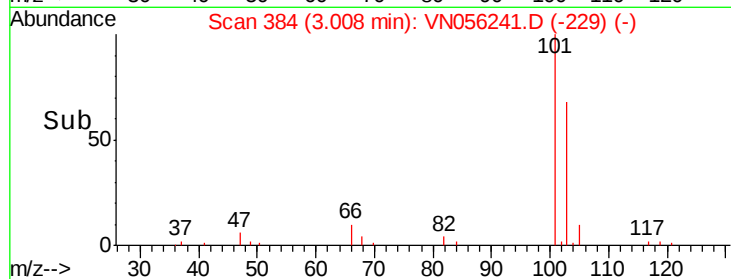
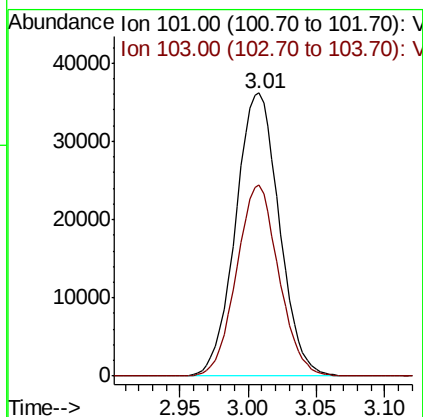
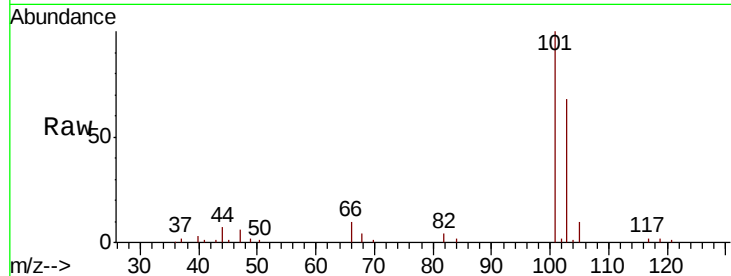


#7

Trichlorofluoromethane
 Concen: 19.728 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Instrument :
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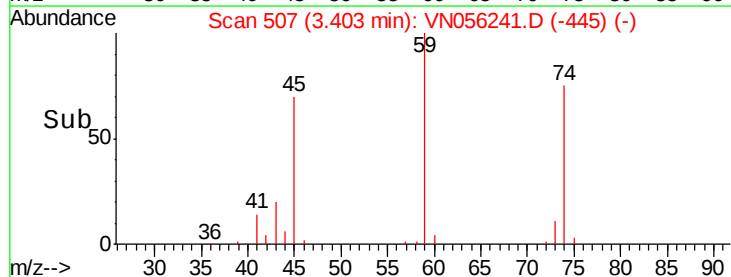
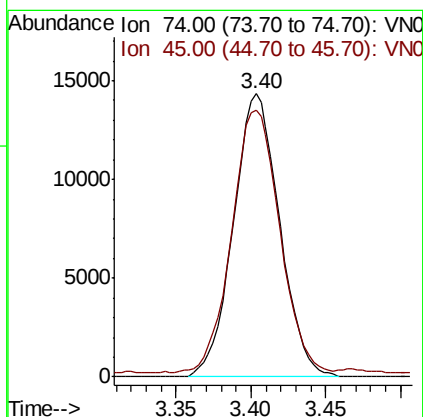
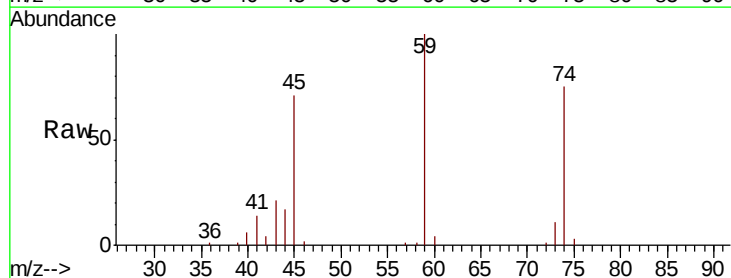
Tot Ion:101 Resp: 80304
 Ion Ratio Lower Upper
 101 100
 103 67.5 53.4 80.0

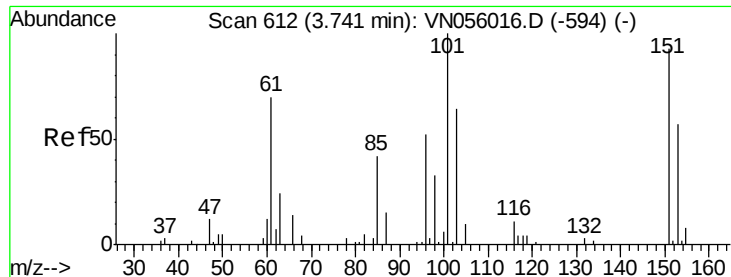


#8

Diethyl Ether
 Concen: 17.856 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Tgt Ion: 74 Resp: 30827
 Ion Ratio Lower Upper
 74 100
 45 94.6 18.8 169.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.875 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

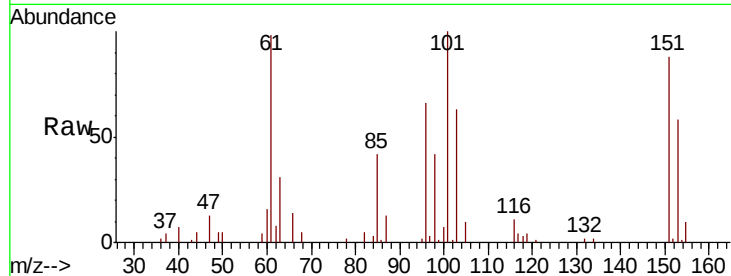
Tot Ion:101 Resp: 49941

Ion Ratio Lower Upper

101 100

85 41.7 0.0 82.0

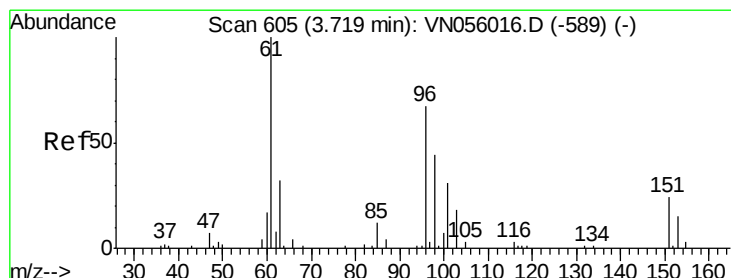
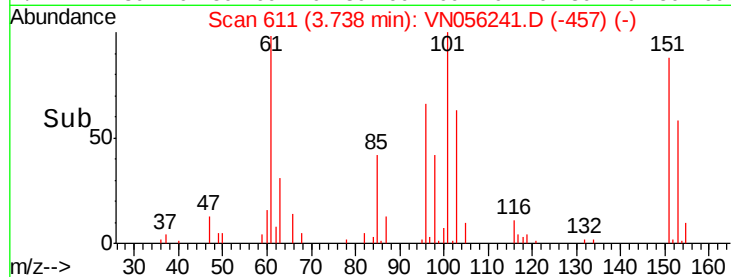
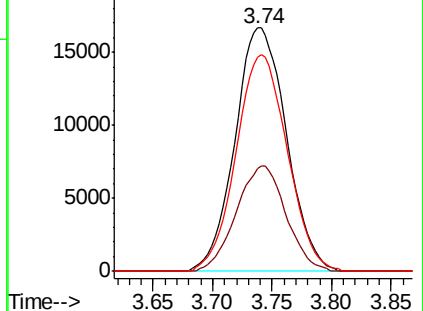
151 88.4 0.0 177.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.996 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

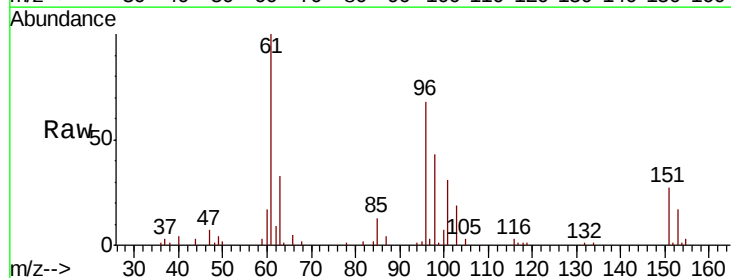
Tgt Ion: 96 Resp: 48690

Ion Ratio Lower Upper

96 100

61 145.6 119.7 179.5

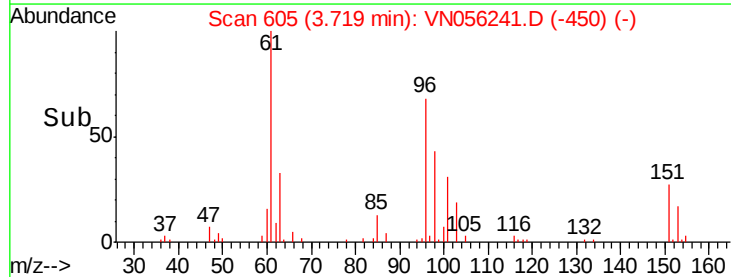
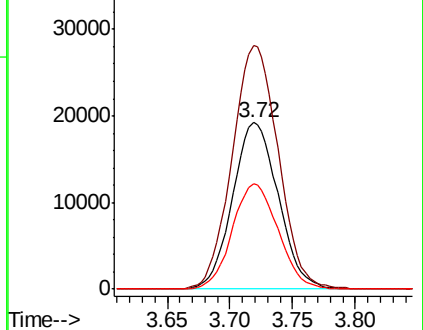
98 63.2 52.3 78.5

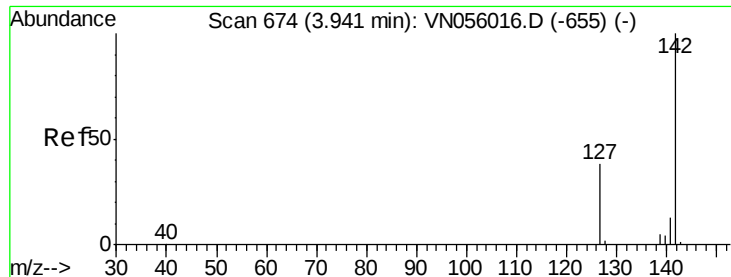


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

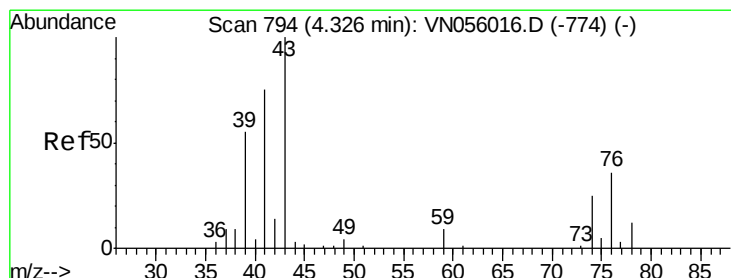
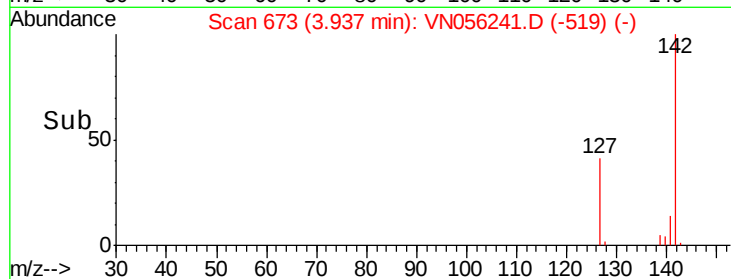
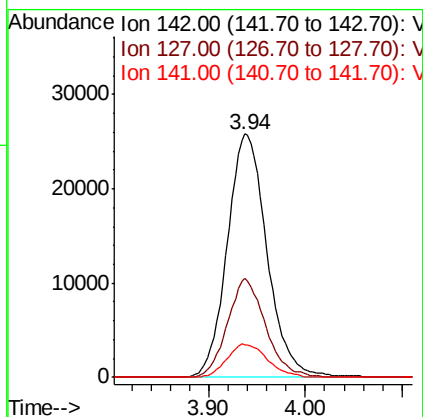
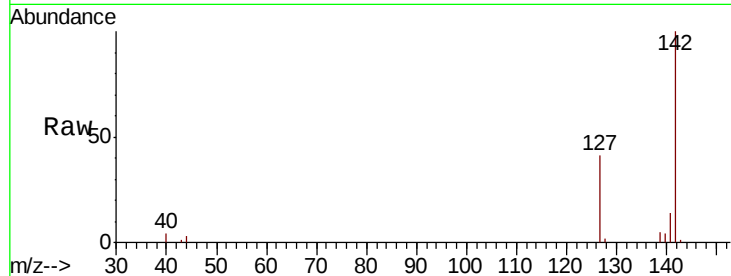




#11
Methvl Iodide
Concen: 18.208 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

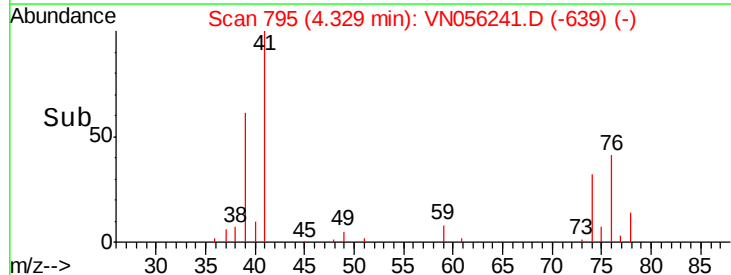
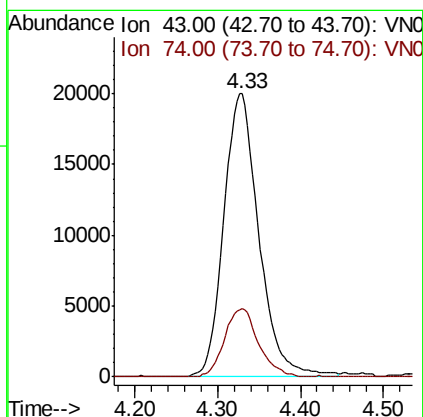
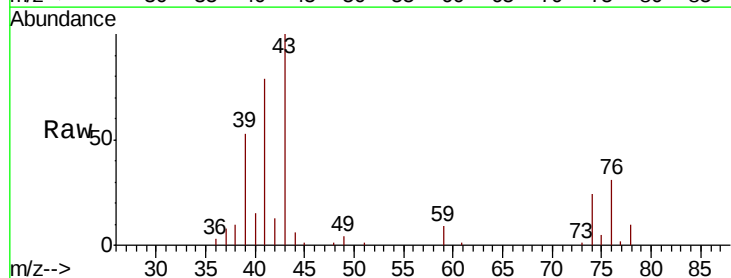
Instrument :
MSVOA_N
ClientSampled :
VN0612WBSD01

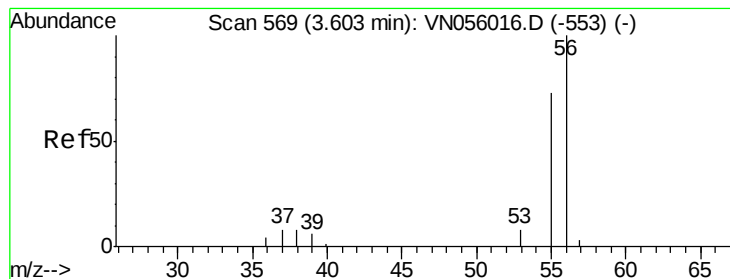
Tot Ion:142 Resp: 73634
Ion Ratio Lower Upper
142 100
127 41.0 19.0 57.0
141 13.6 6.7 20.0



#12
Methyl Acetate
Concen: 19.134 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 43 Resp: 58935
Ion Ratio Lower Upper
43 100
74 24.2 19.9 29.9





#13

Acrolein

Concen: 98.542 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

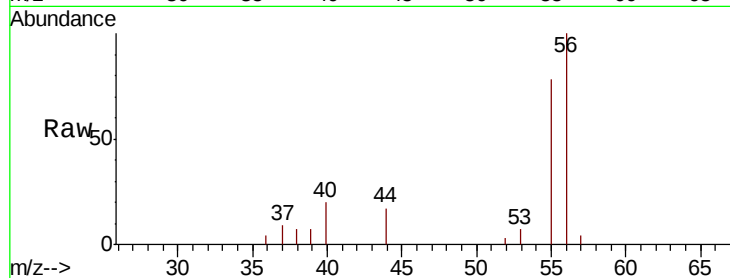
VN0612WBSD01

Tot Ion: 56 Resp: 14794

Ion Ratio Lower Upper

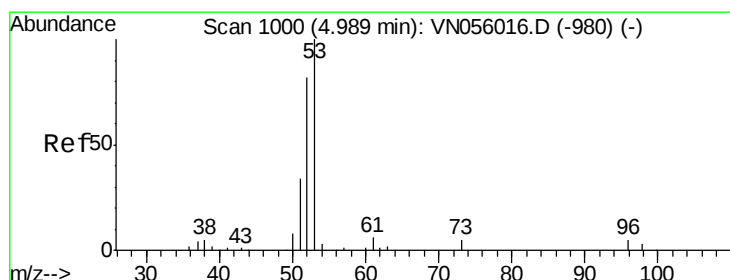
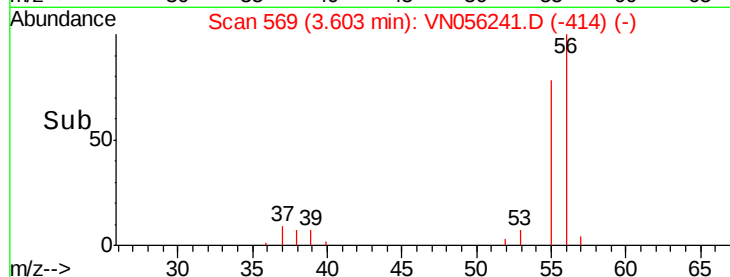
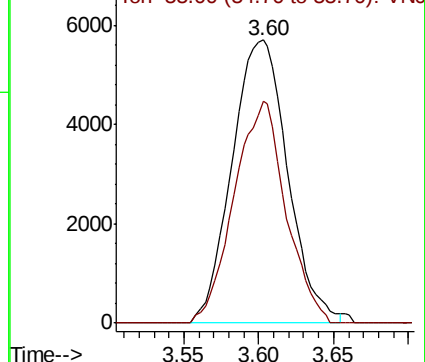
56 100

55 72.7 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 94.344 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

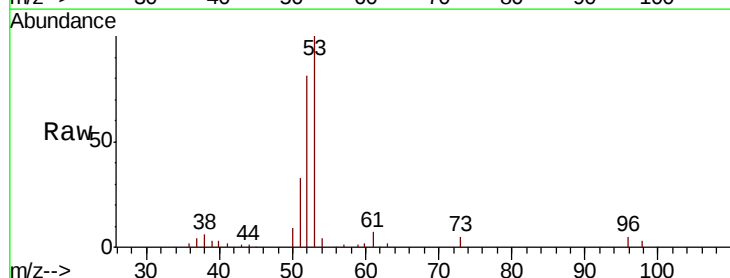
Tgt Ion: 53 Resp: 129591

Ion Ratio Lower Upper

53 100

52 81.8 40.8 122.2

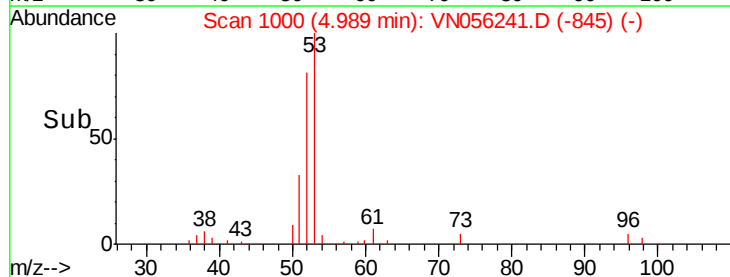
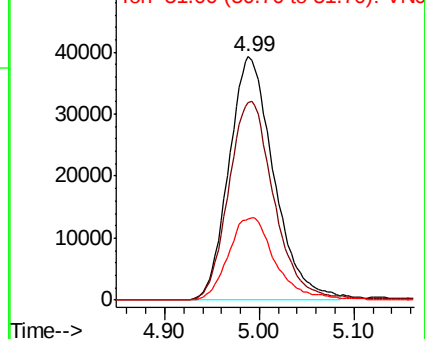
51 35.2 17.3 52.0

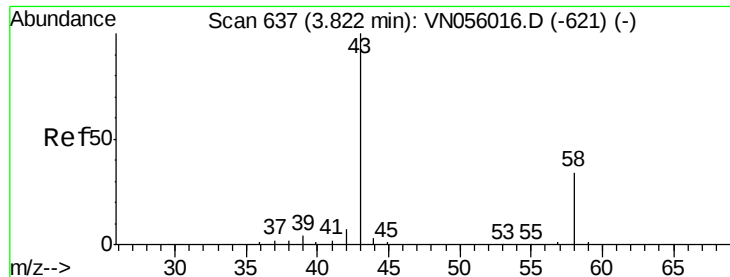


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 85.329 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

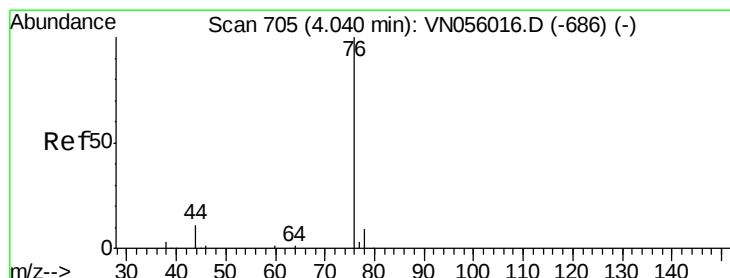
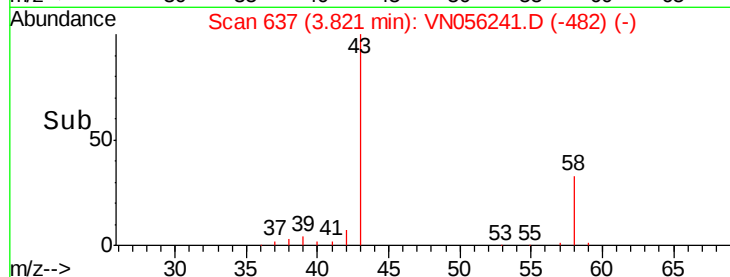
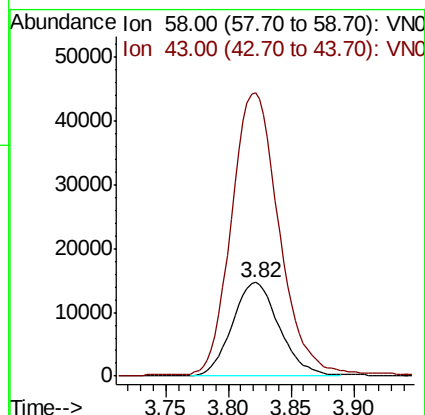
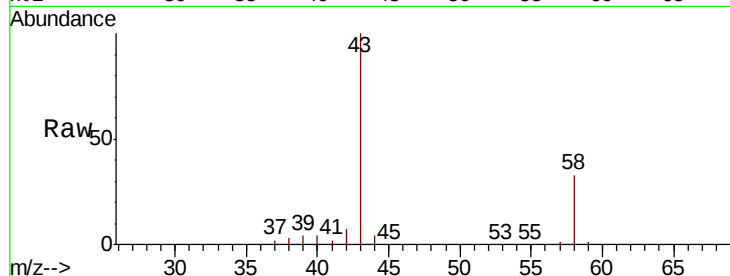
VN0612WBSD01

Tot Ion: 58 Resp: 38377

Ion Ratio Lower Upper

58 100

43 299.8 232.5 348.7



#16

Carbon Disulfide

Concen: 19.205 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056241.D

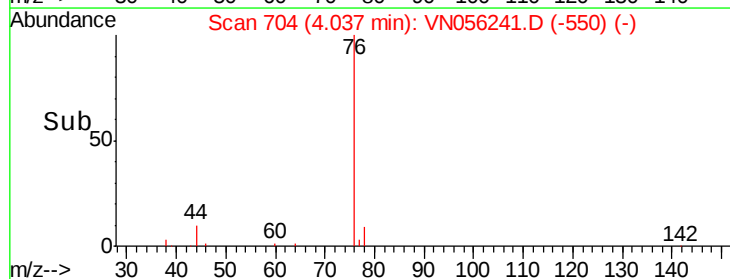
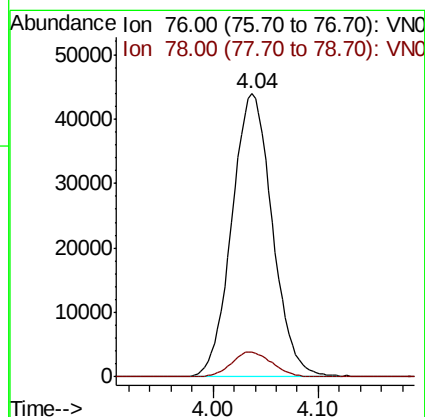
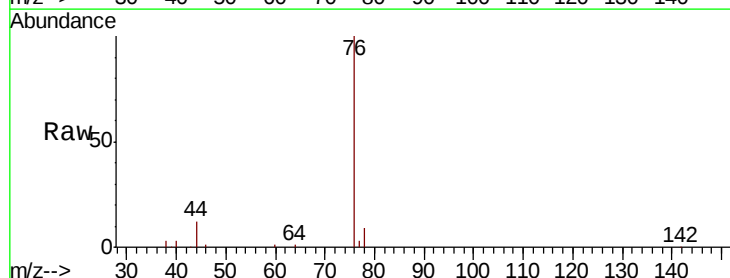
Acq: 12 Jun 2019 11:37

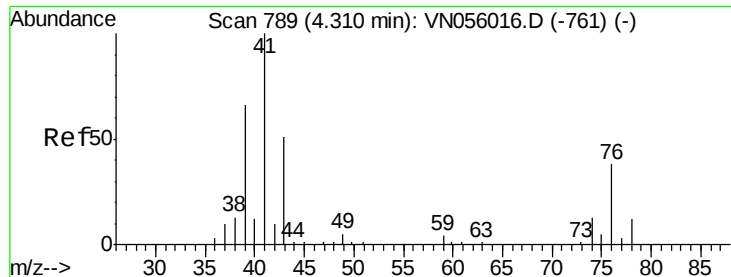
Tgt Ion: 76 Resp: 117126

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

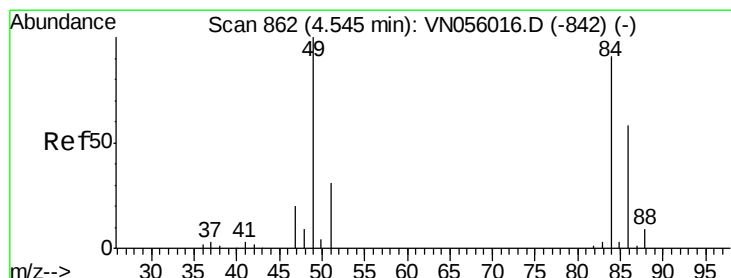
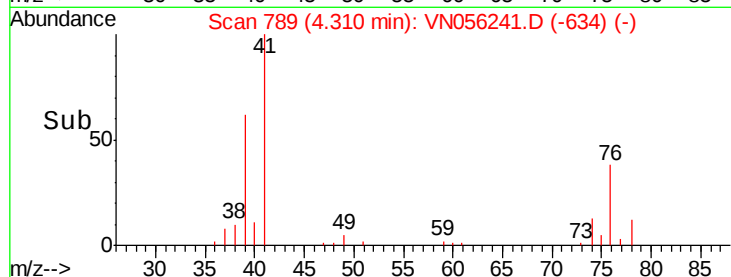
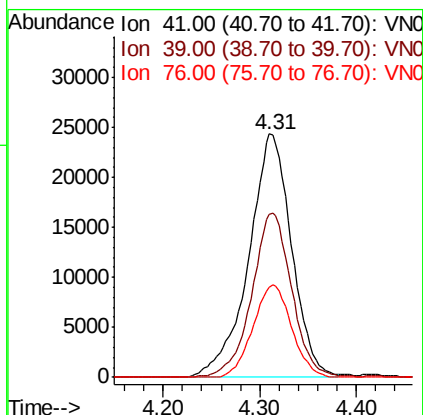
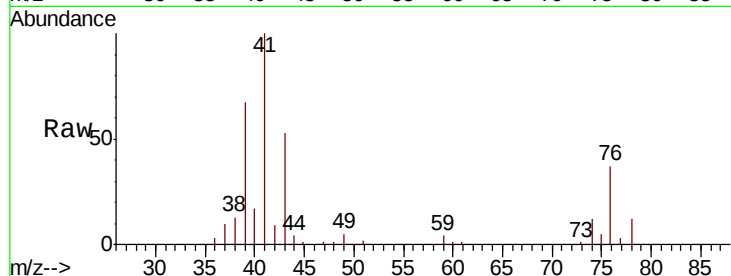




#17
Allvl chloride
Concen: 18.882 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

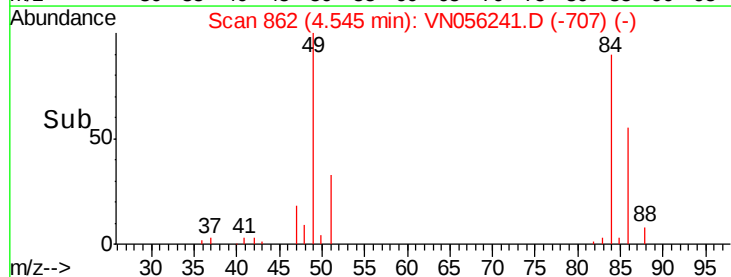
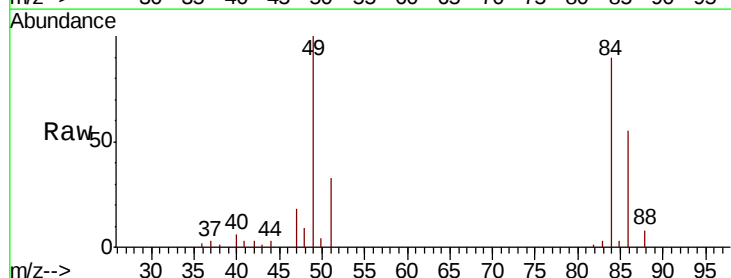
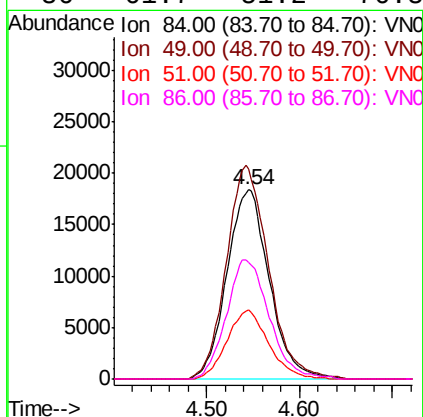
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

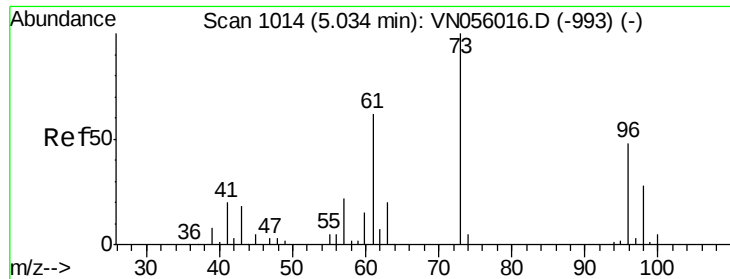
Tot Ion: 41 Resp: 74990
Ion Ratio Lower Upper
41 100
39 66.9 33.0 99.0
76 36.9 18.9 56.9



#18
Methylene Chloride
Concen: 19.646 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 84 Resp: 58298
Ion Ratio Lower Upper
84 100
49 111.2 87.6 131.4
51 36.4 27.0 40.4
86 61.7 51.2 76.8

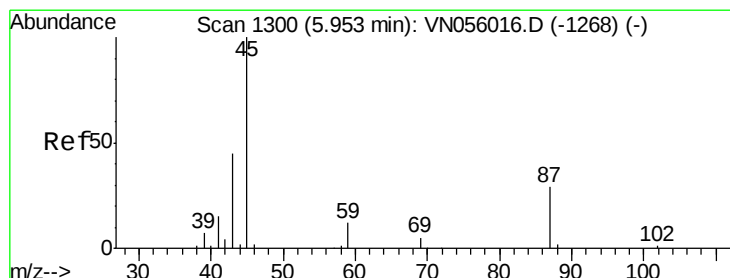
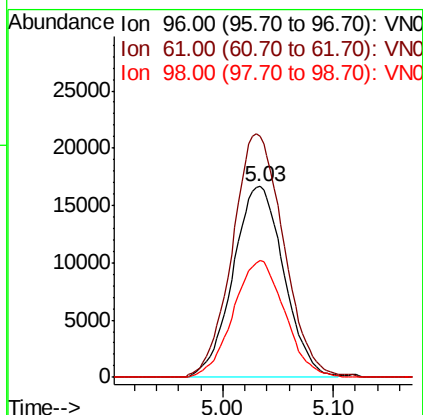
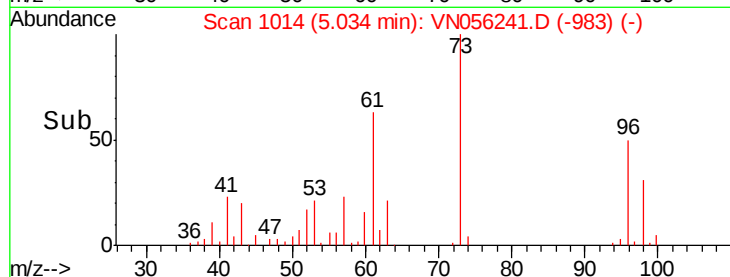
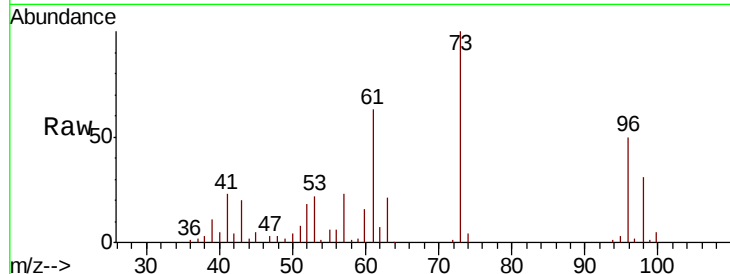




#19
trans-1,2-Dichloroethene
Concen: 19.478 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

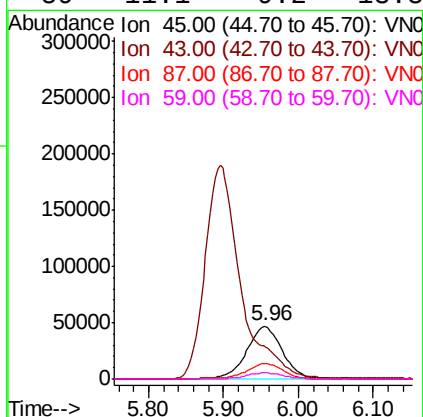
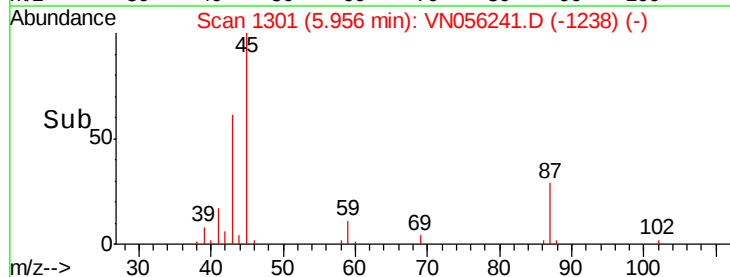
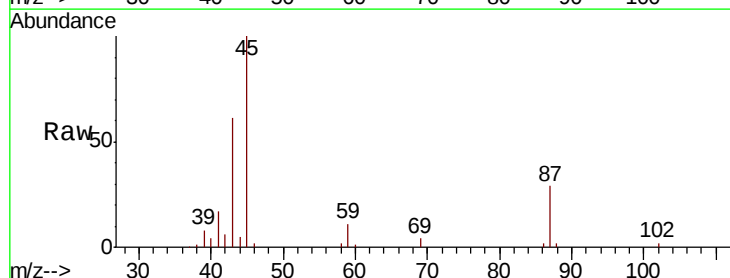
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

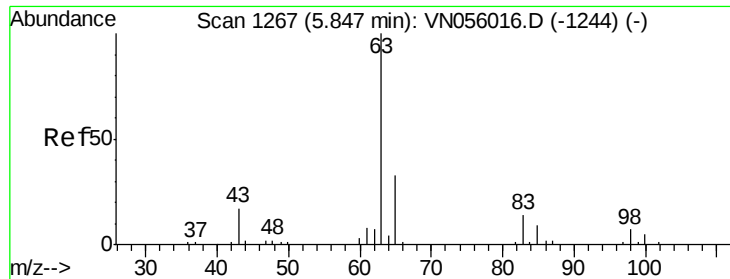
Tot Ion: 96 Resp: 53294
Ion Ratio Lower Upper
96 100
61 124.7 102.5 153.7
98 61.5 46.9 70.3



#20
Diisopropyl ether
Concen: 18.937 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 45 Resp: 155820
Ion Ratio Lower Upper
45 100
43 58.7 48.0 72.0
87 28.7 23.4 35.2
59 11.1 9.2 13.8

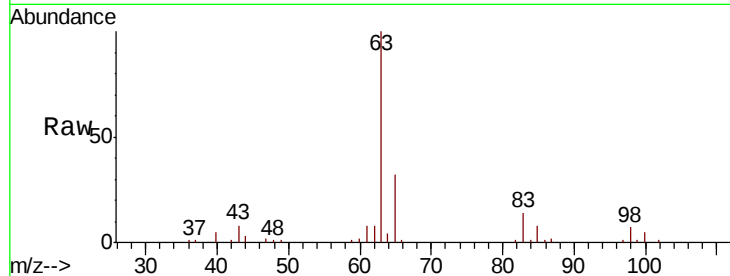




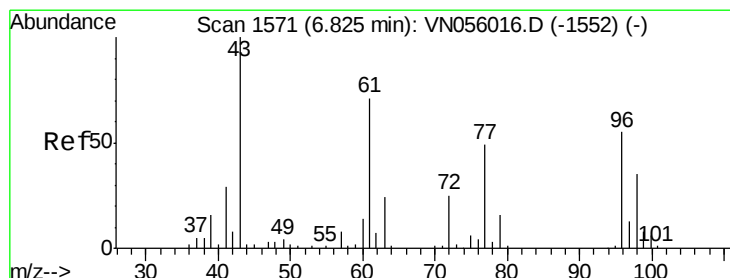
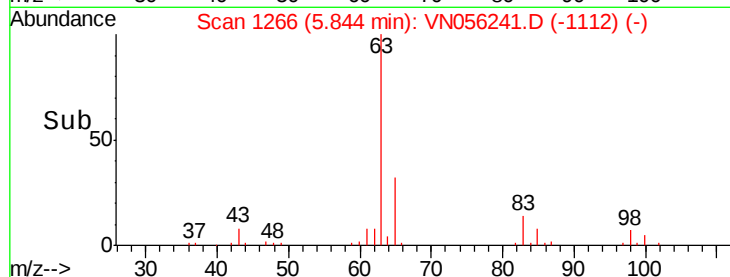
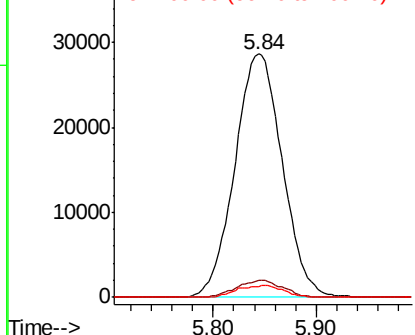
#21
 1,1-Dichloroethane
 Concen: 19.131 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion: 63 Resp: 91484
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.6 2.3 6.9

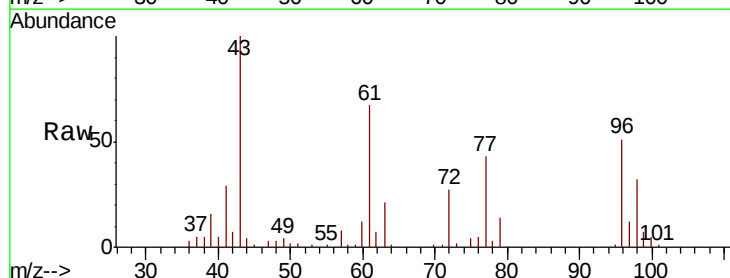


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

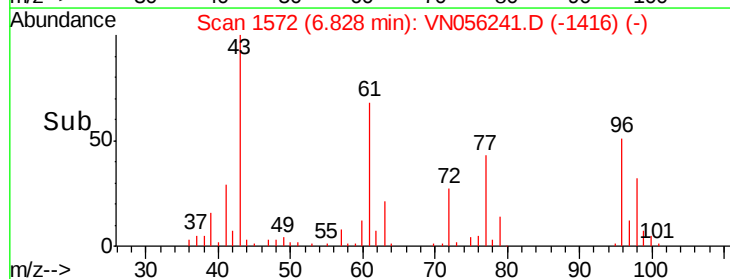
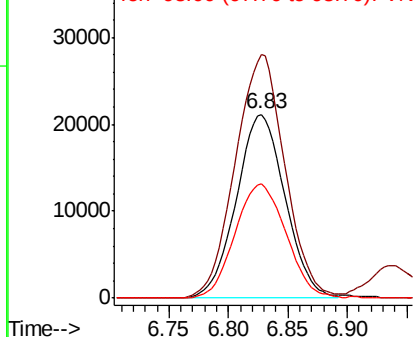


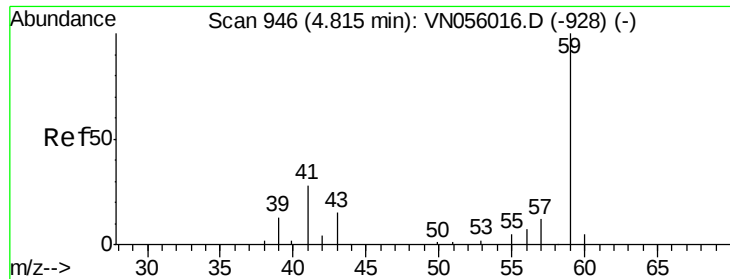
#22
 cis-1,2-Dichloroethene
 Concen: 18.815 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Tgt Ion: 96 Resp: 60085
 Ion Ratio Lower Upper
 96 100
 61 134.7 105.7 158.5
 98 64.9 52.0 78.0



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

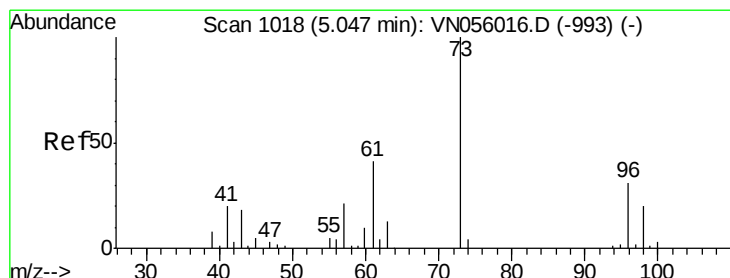
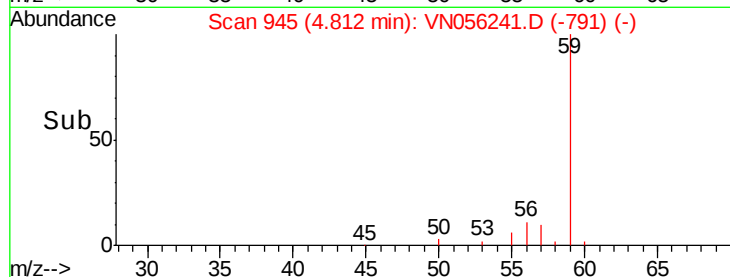
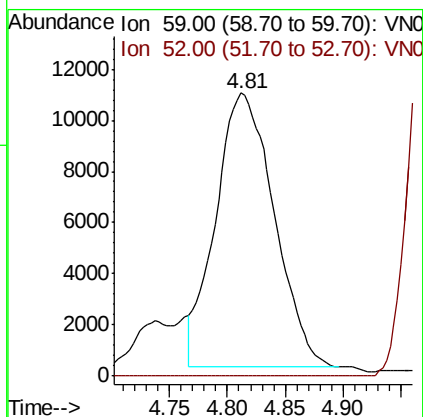
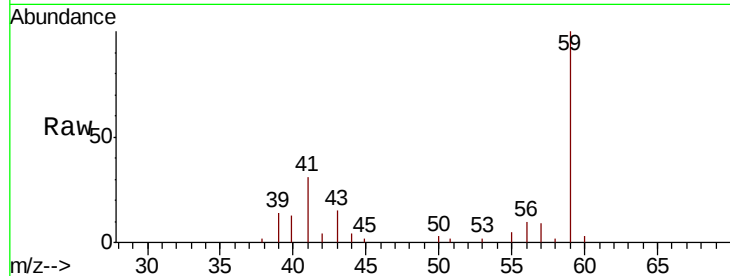




#23
tert-Butyl Alcohol
Concen: 70.159 ug/l
RT: 4.81 min Scan# 945
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

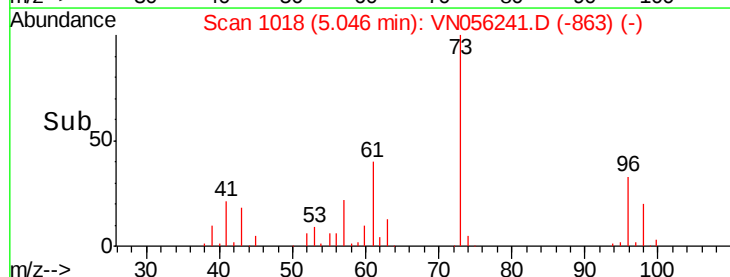
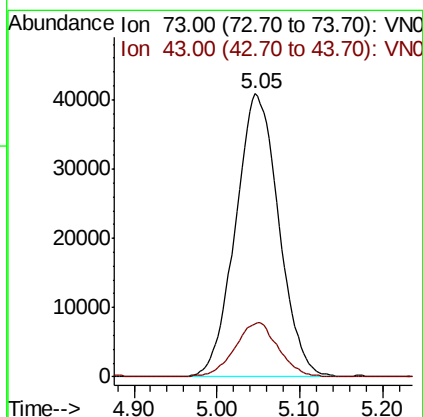
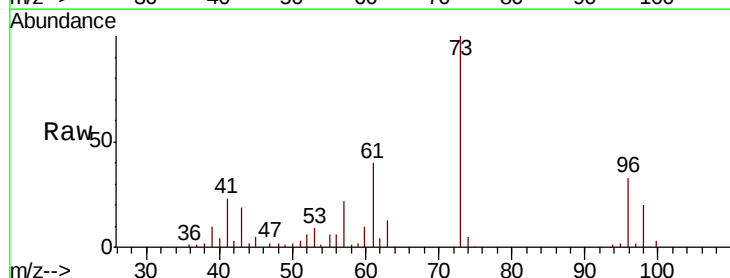
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

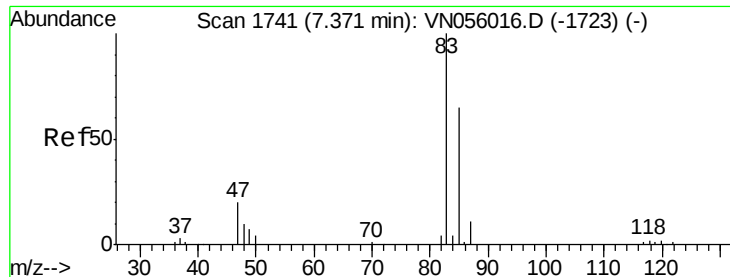
Tot Ion: 59 Resp: 37511
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.213 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 73 Resp: 148777
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.0

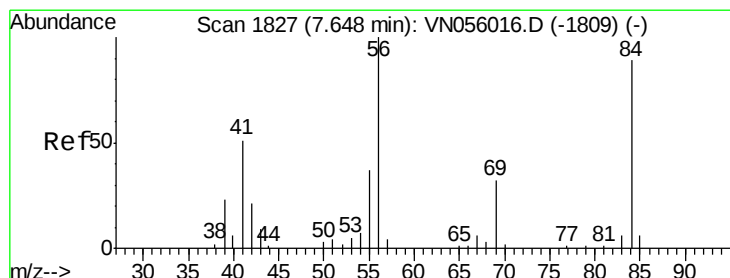
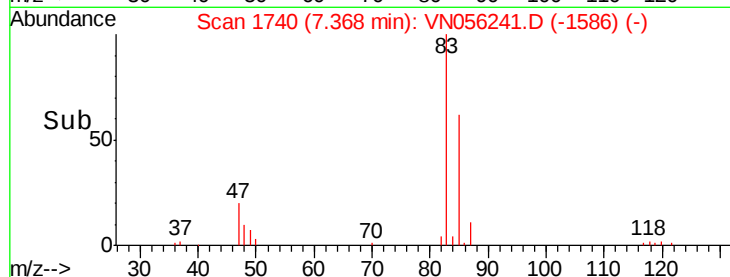
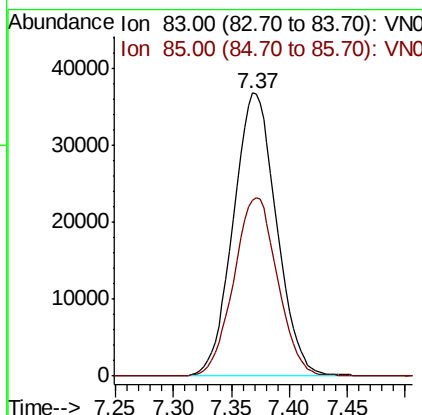
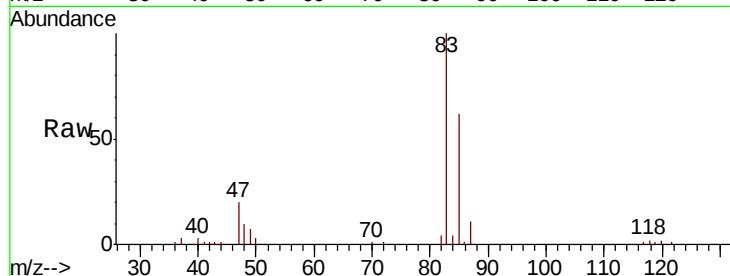




#25
Chloroform
Concen: 19.956 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

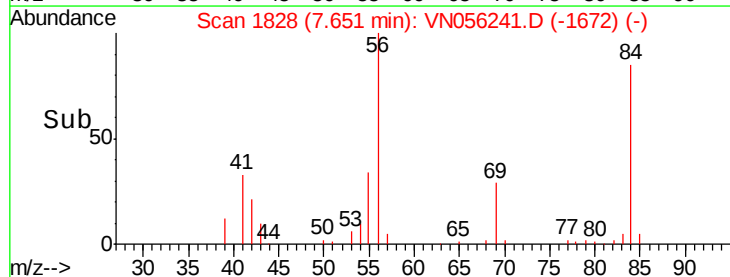
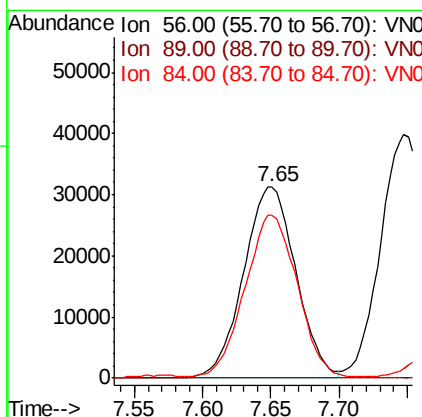
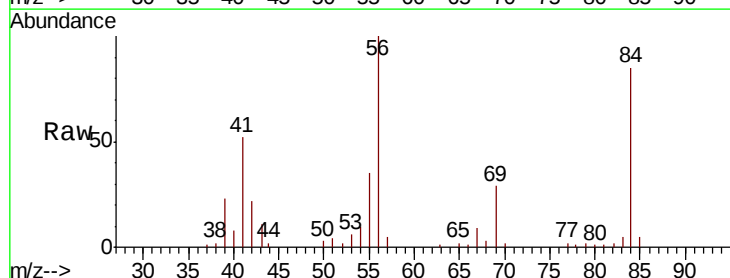
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

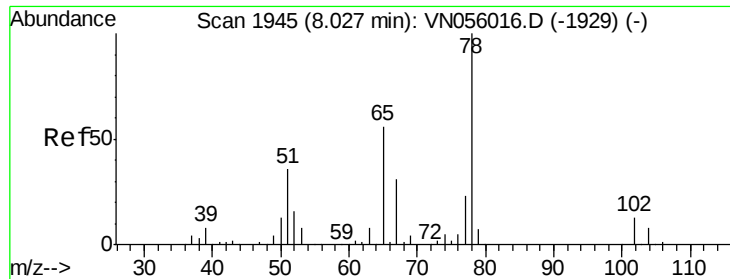
Tot Ion: 83 Resp: 95287
Ion Ratio Lower Upper
83 100
85 62.3 52.0 78.0



#26
Cyclohexane
Concen: 18.738 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 56 Resp: 83129
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 70.1 105.1

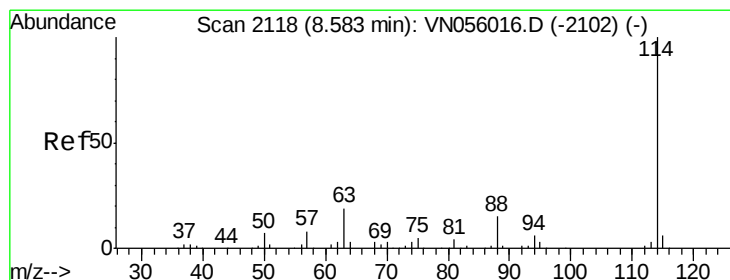
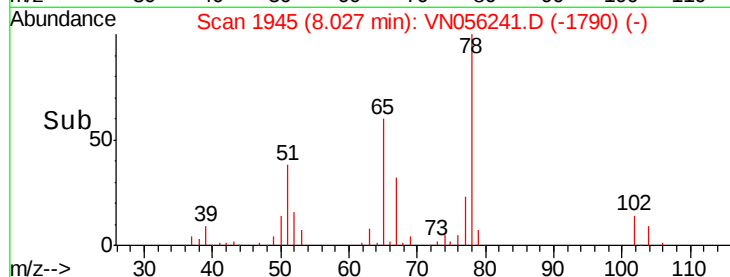
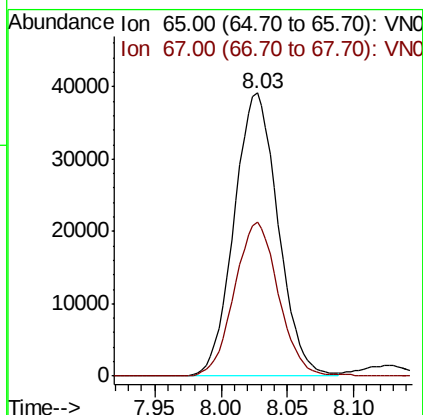
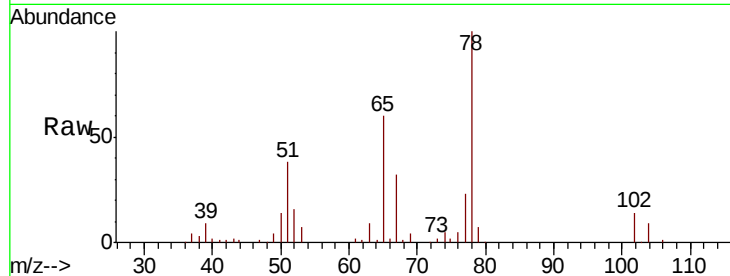




#27
 1,2-Dichloroethane-d4
 Concen: 29.597 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

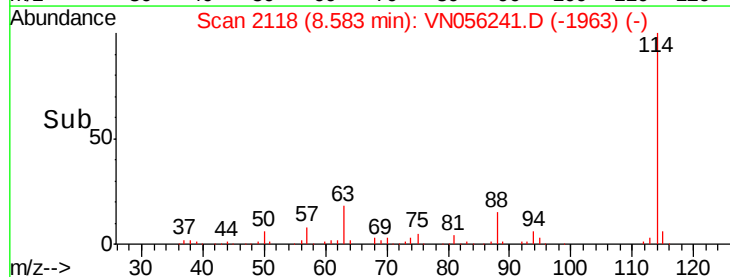
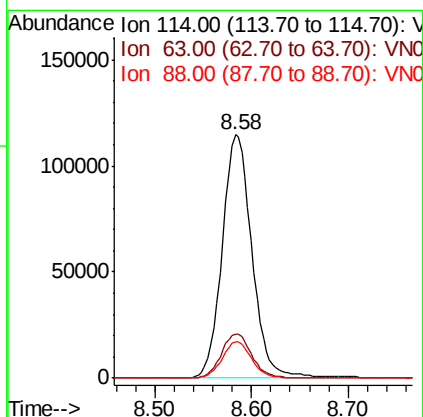
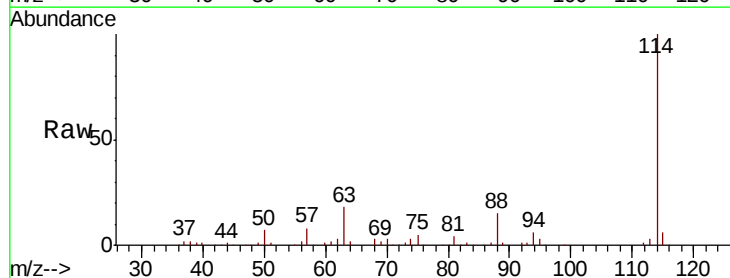
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

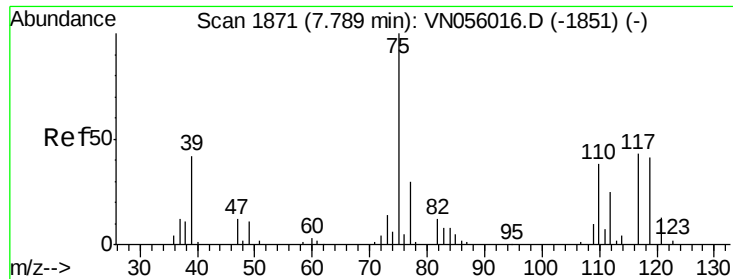
Tot Ion: 65 Resp: 90251
 Ion Ratio Lower Upper
 65 100
 67 54.4 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Tgt Ion: 114 Resp: 245053
 Ion Ratio Lower Upper
 114 100
 63 18.4 14.7 22.1
 88 14.7 11.9 17.9

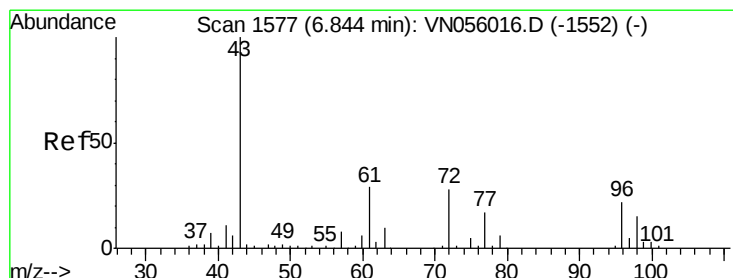
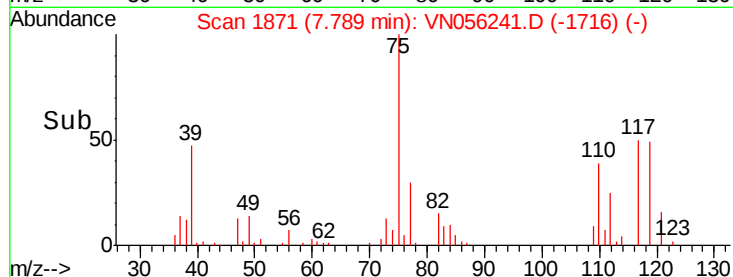
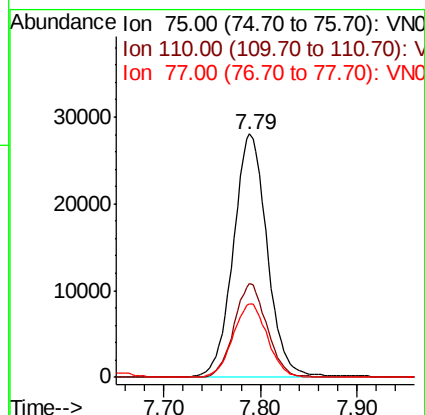
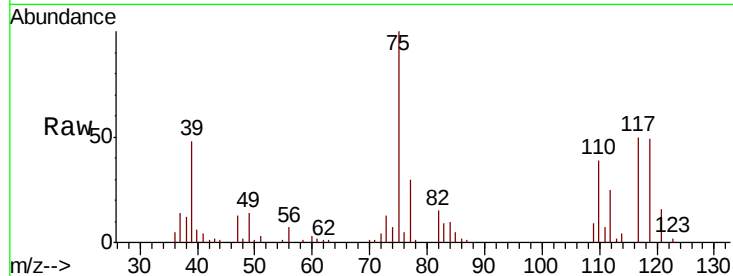




#29
 1,1-Dichloropropene
 Concen: 20.596 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

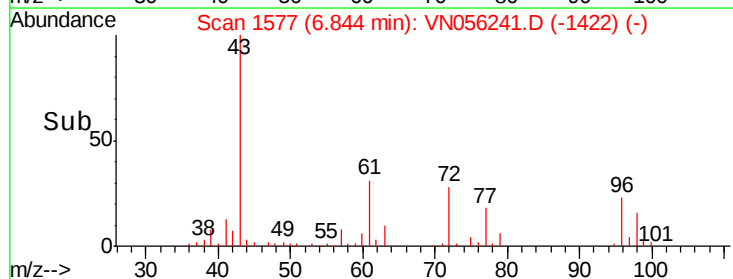
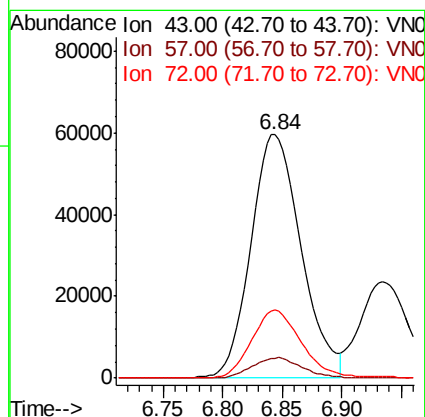
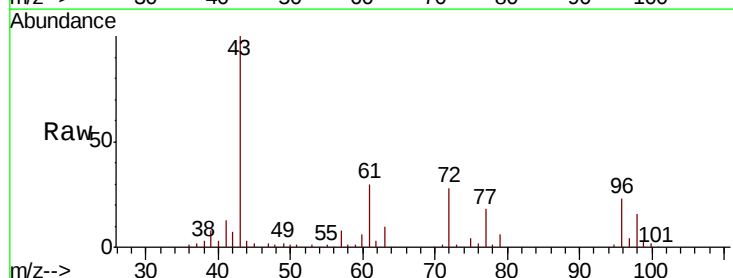
Instrument :
 MSVOA_N
 ClientSampled :
 VN0612WBSD01

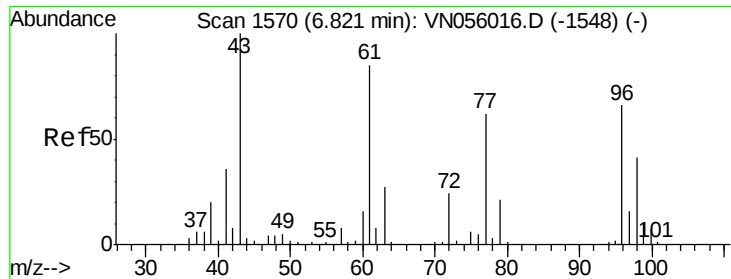
Tot Ion: 75 Resp: 68272
 Ion Ratio Lower Upper
 75 100
 110 37.2 0.0 77.0
 77 30.5 0.0 62.4



#30
 2-Butanone
 Concen: 99.518 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Tgt Ion: 43 Resp: 173664
 Ion Ratio Lower Upper
 43 100
 57 8.4 6.7 10.1
 72 27.6 22.4 33.6





#31

2,2-Dichloropropane

Concen: 19.162 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

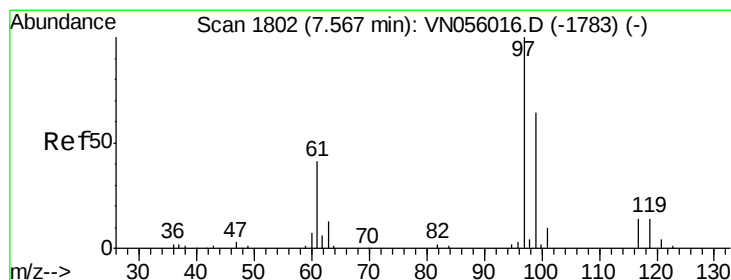
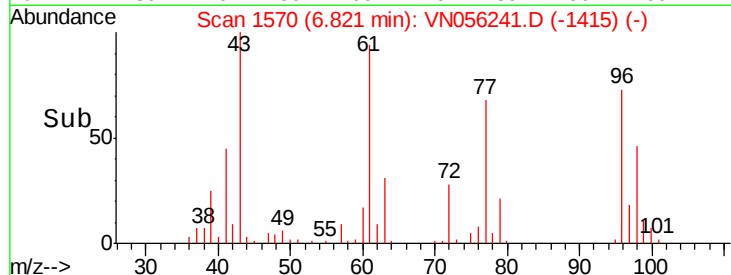
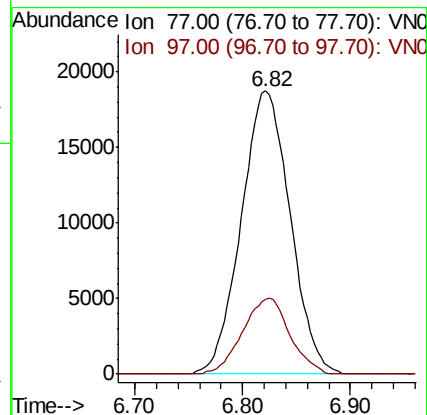
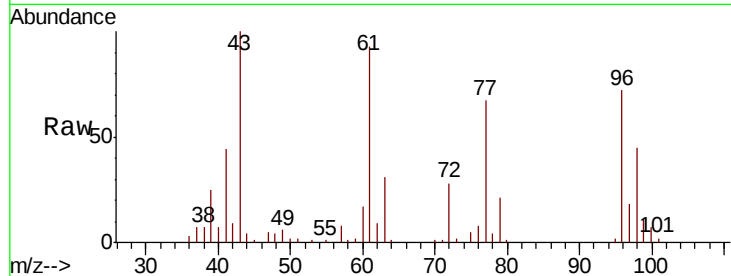
VN0612WBSD01

Tot Ion: 77 Resp: 59088

Ion Ratio Lower Upper

77 100

97 25.9 20.8 31.2



#32

1,1,1-Trichloroethane

Concen: 21.093 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

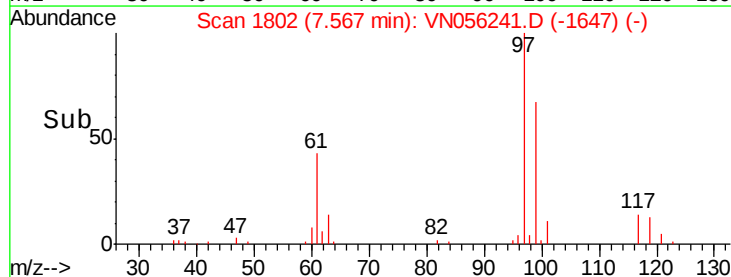
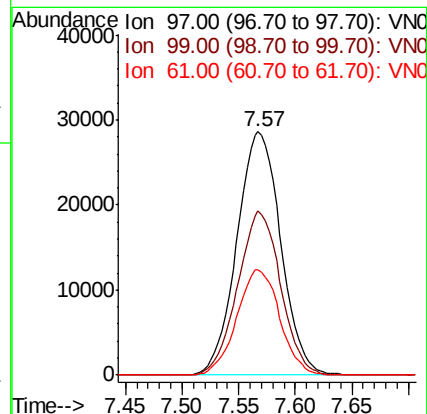
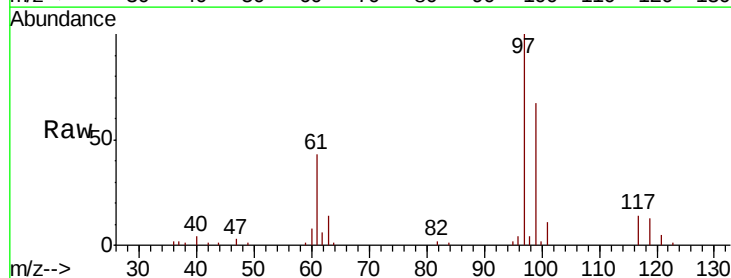
Tgt Ion: 97 Resp: 77248

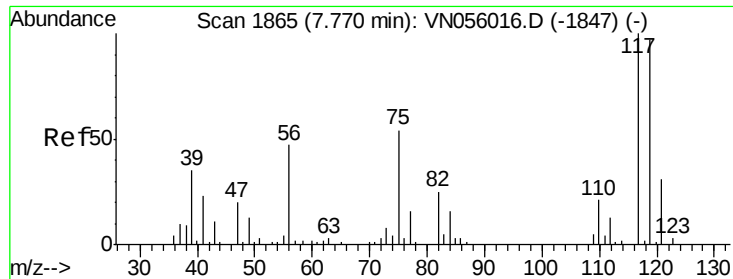
Ion Ratio Lower Upper

97 100

99 65.9 51.5 77.3

61 42.4 32.9 49.3

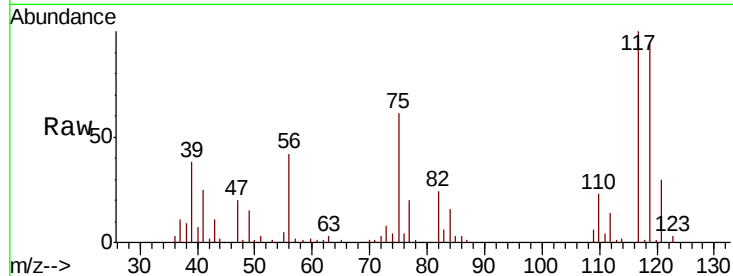




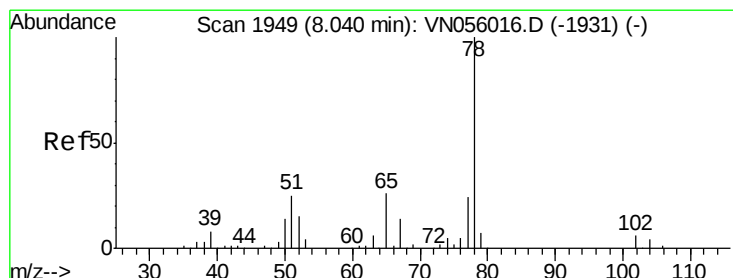
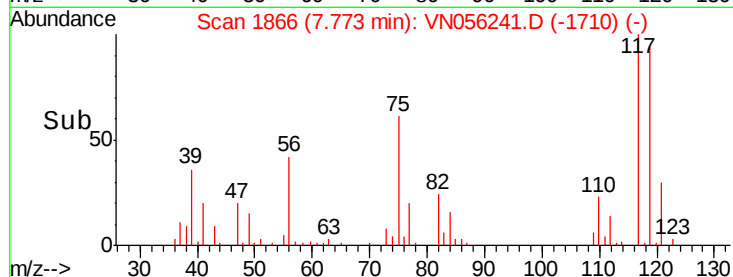
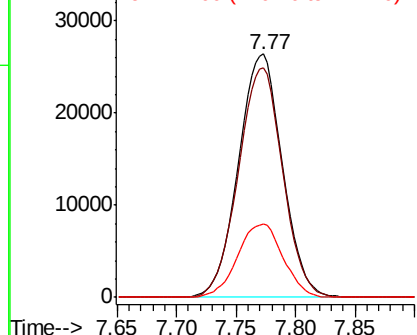
#33
Carbon Tetrachloride
Concen: 21.737 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Instrument :
MSVOA_N
ClientSampled :
VN0612WBSD01

Tot Ion:117 Resp: 67446
Ion Ratio Lower Upper
117 100
119 94.4 77.3 115.9
121 29.9 25.0 37.4

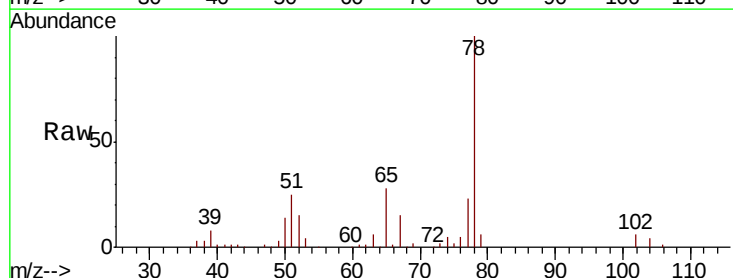


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

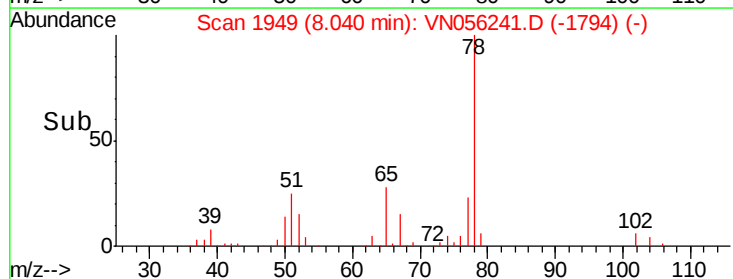
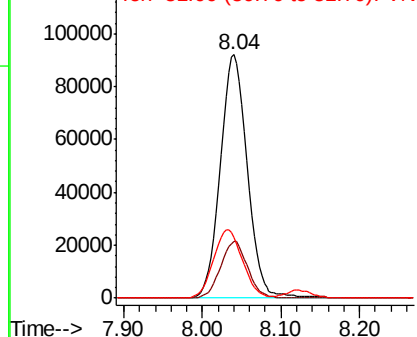


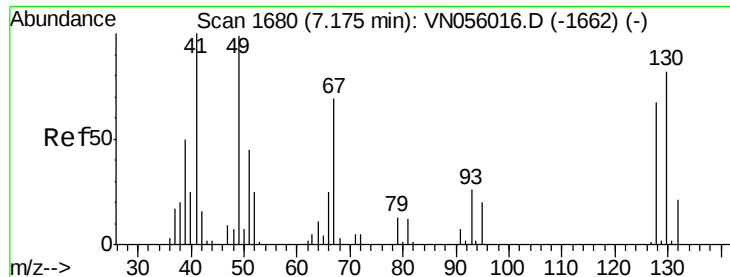
#34
Benzene
Concen: 20.666 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 78 Resp: 218263
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9
51 24.9 19.8 29.8



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

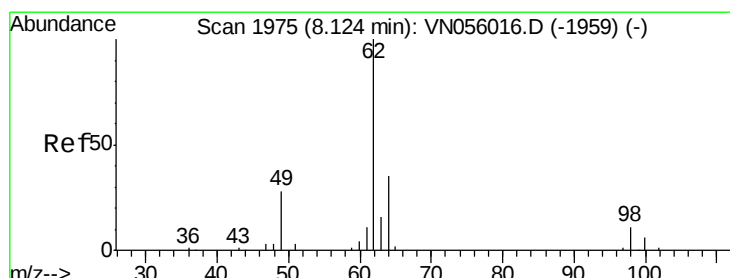
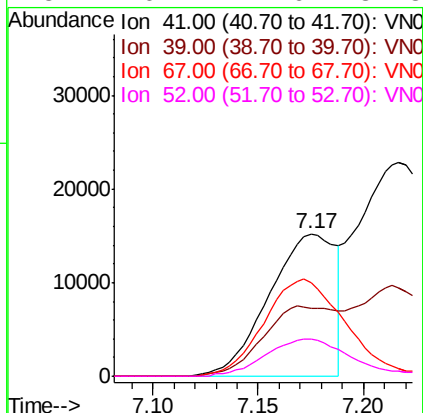
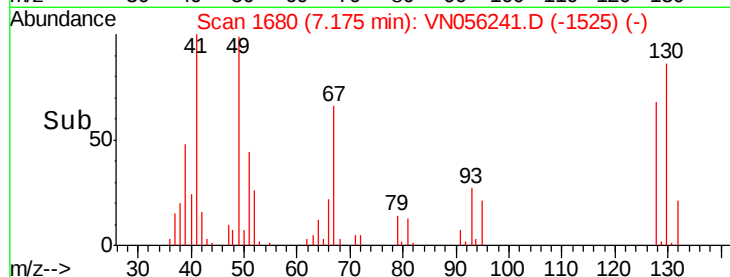
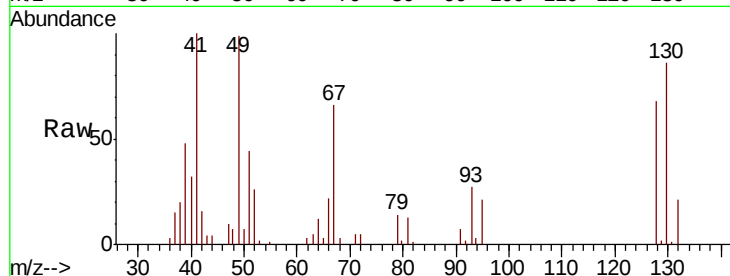




#35
Methacrylonitrile
Concen: 22.683 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

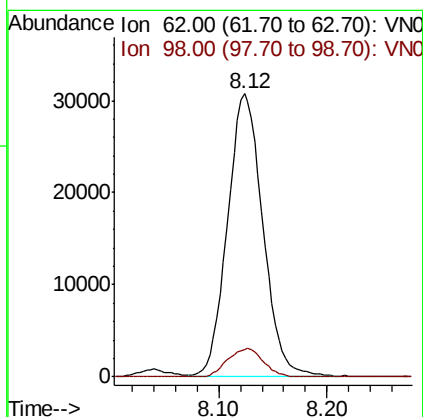
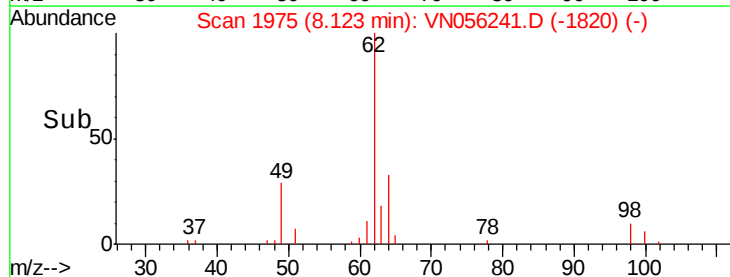
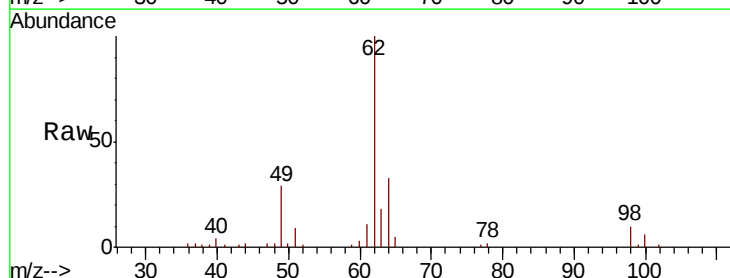
Instrument :
MSVOA_N
ClientSampled :
VN0612WBSD01

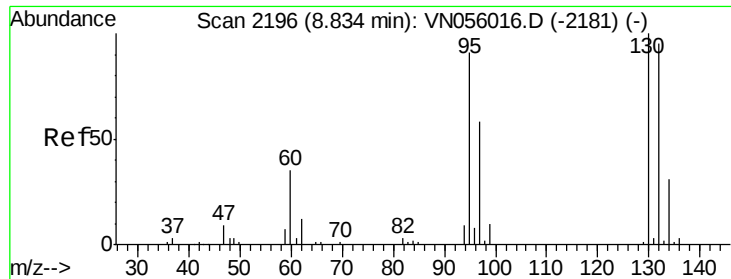
Tot Ion:	41	Resp:	33426
Ion	Ratio	Lower	Upper
41	100		
39	47.6	24.8	74.3
67	66.0	34.3	102.9
52	26.4	12.6	37.8



#36
1,2-Dichloroethane
Concen: 21.288 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion:	62	Resp:	70426
Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.6	13.0

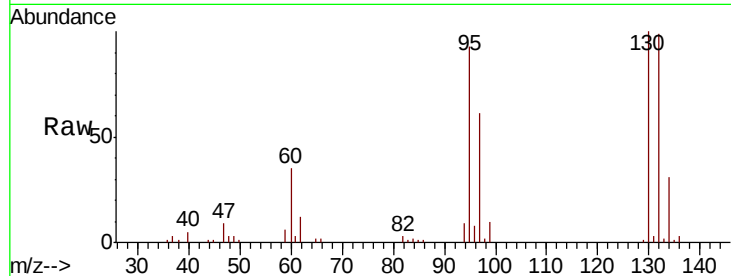




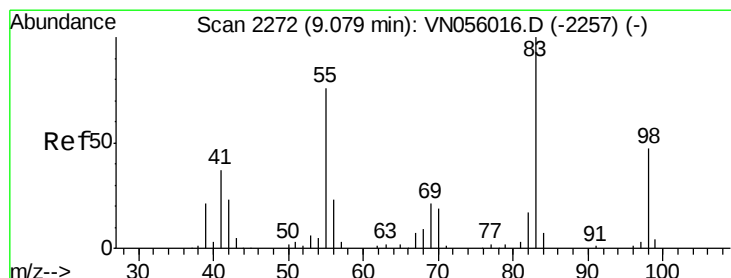
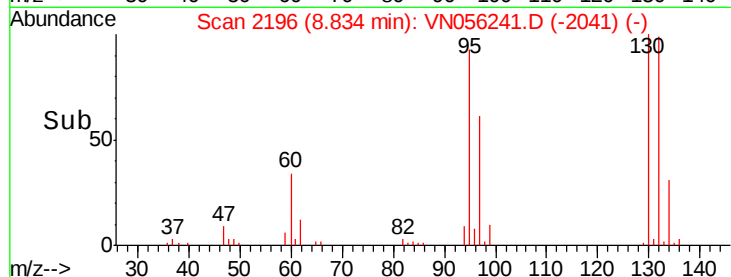
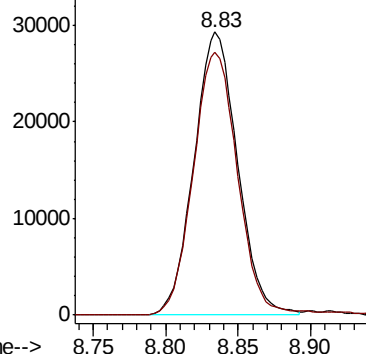
#37
 Trichloroethene
 Concen: 20.720 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion:130 Resp: 61237
 Ion Ratio Lower Upper
 130 100
 95 93.1 73.0 109.6

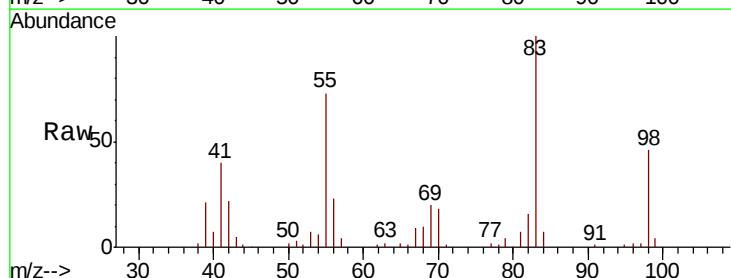


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

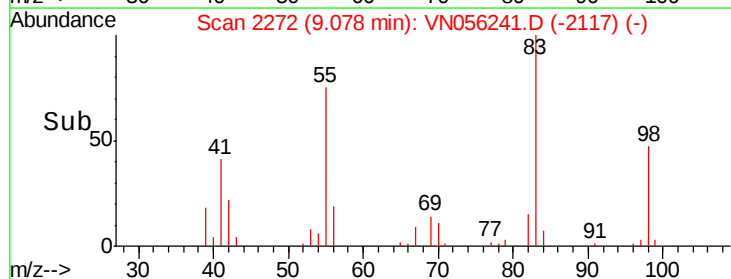
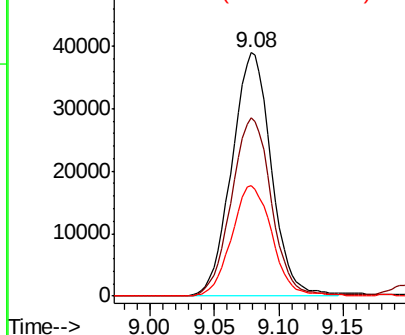


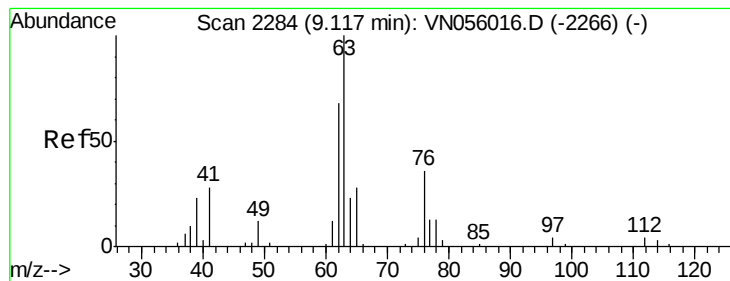
#38
 Methylcyclohexane
 Concen: 19.792 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Tgt Ion: 83 Resp: 83173
 Ion Ratio Lower Upper
 83 100
 55 73.8 37.5 112.7
 98 46.3 23.1 69.3



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





#39

1,2-Dichloropropane

Concen: 20.615 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

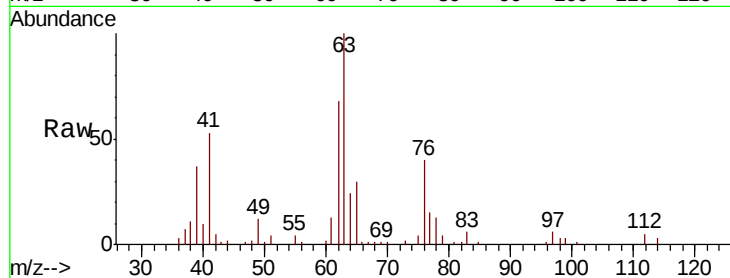
VN0612WBSD01

Tot Ion: 63 Resp: 55763

Ion Ratio Lower Upper

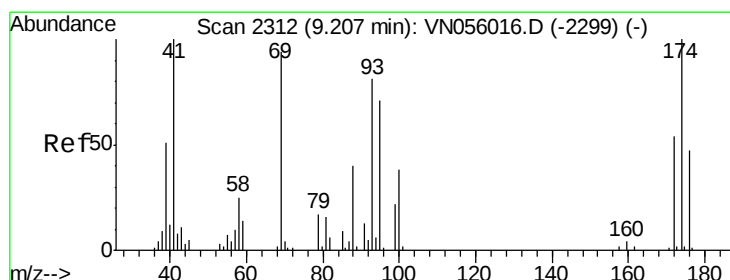
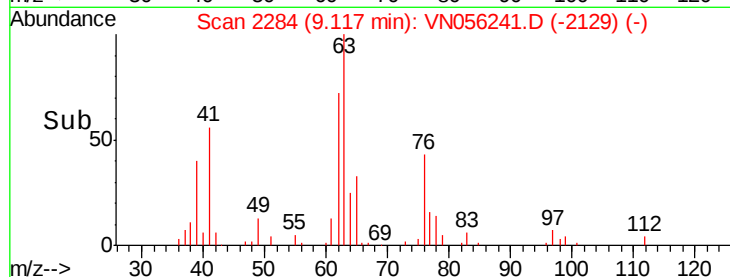
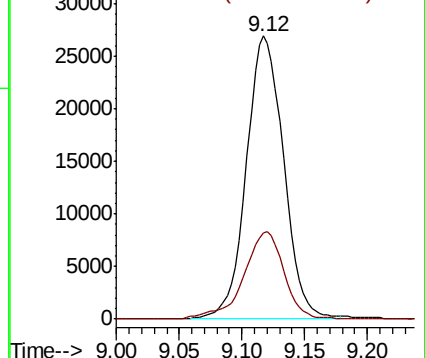
63 100

65 30.4 23.1 34.7



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 21.205 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

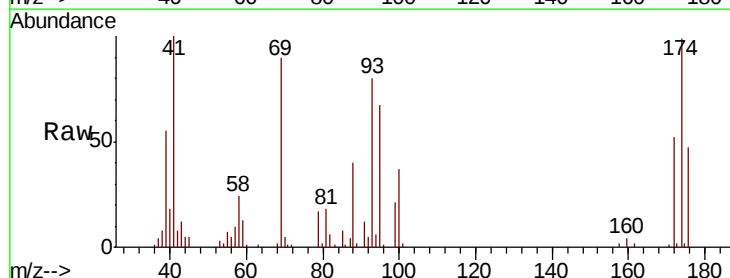
Tgt Ion: 93 Resp: 38032

Ion Ratio Lower Upper

93 100

95 84.0 0.0 169.0

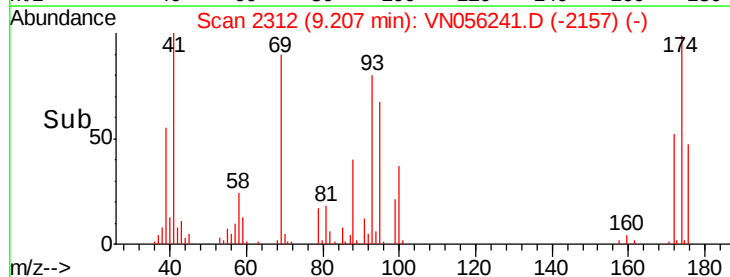
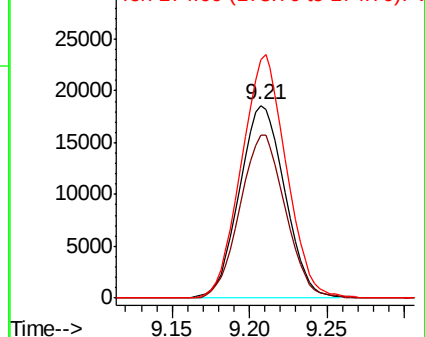
174 124.8 0.0 246.4

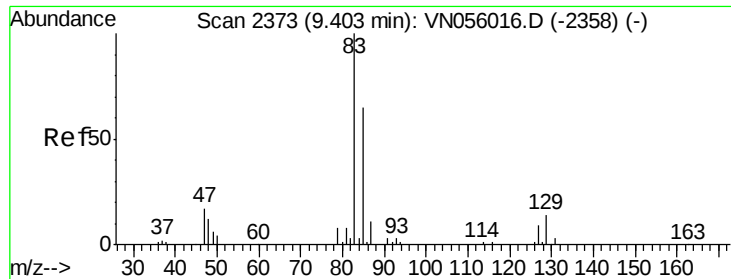


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 21.765 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

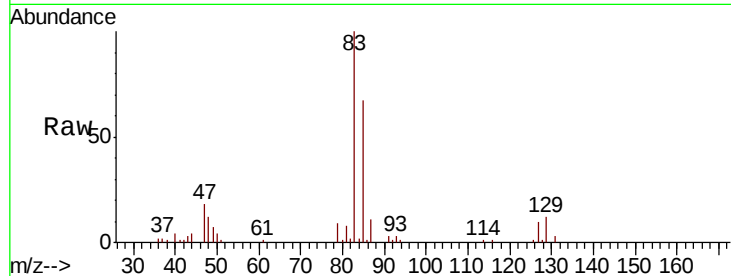
Tot Ion: 83 Resp: 69900

Ion Ratio Lower Upper

83 100

85 67.1 51.8 77.6

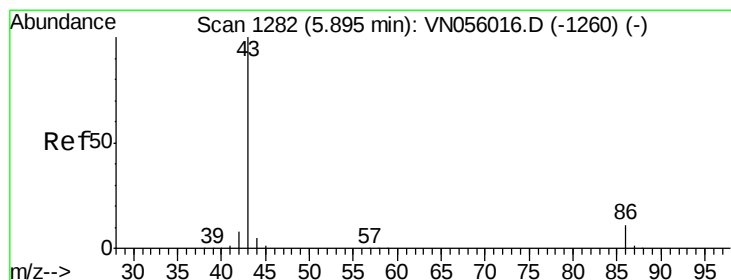
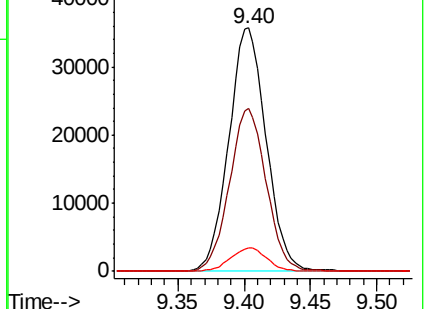
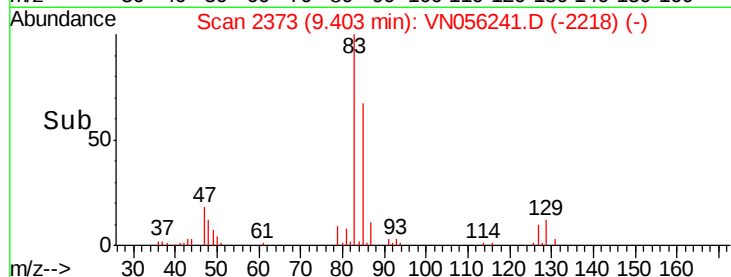
127 9.7 7.3 10.9



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: 100.996 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056241.D

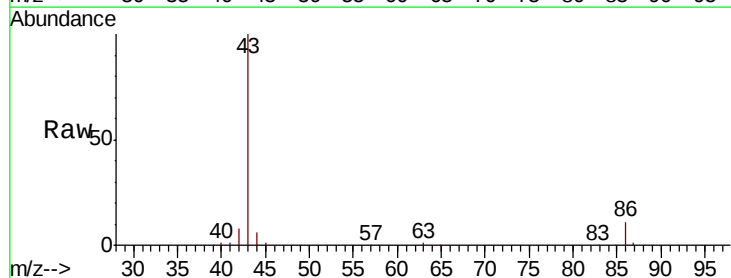
Acq: 12 Jun 2019 11:37

Tgt Ion: 43 Resp: 628333

Ion Ratio Lower Upper

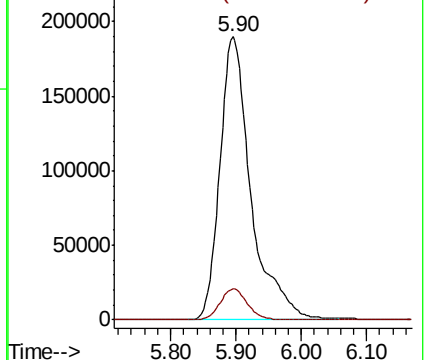
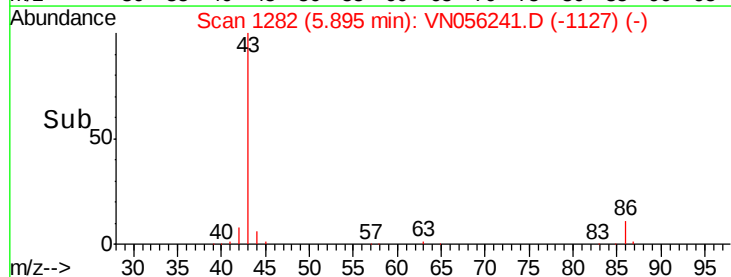
43 100

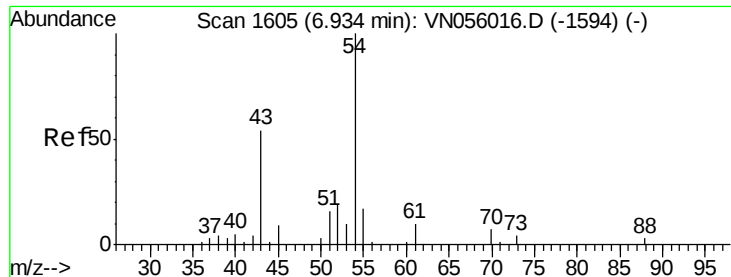
86 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 20.444 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleID :

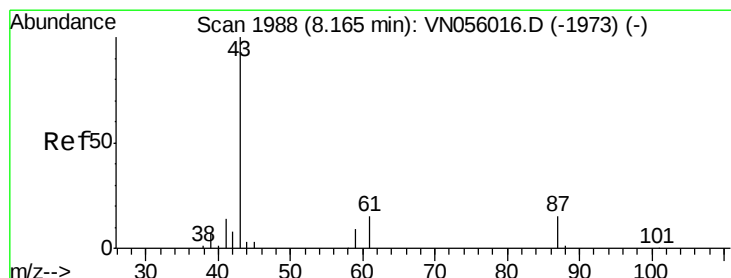
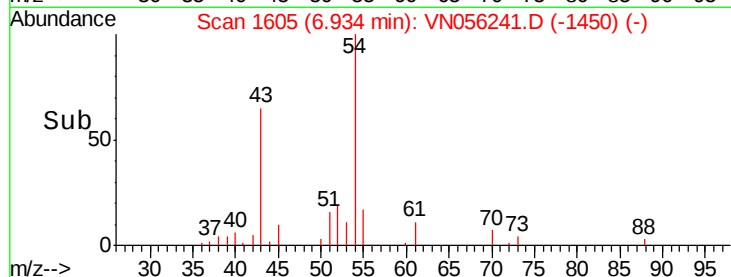
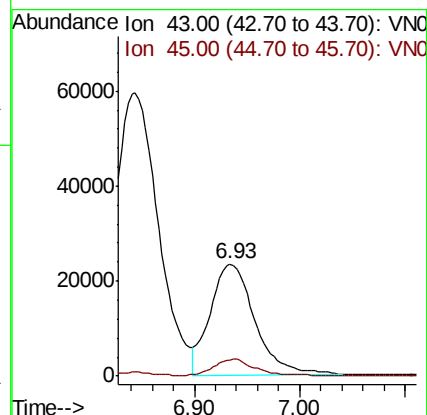
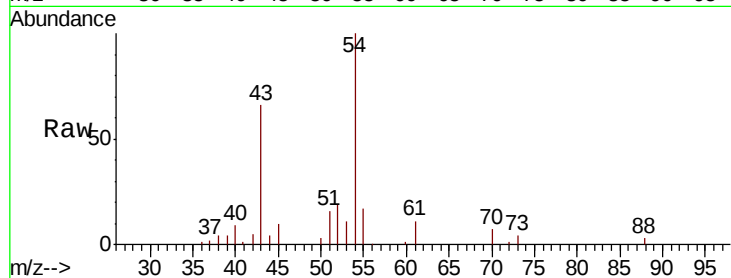
VN0612WBSD01

Tot Ion: 43 Resp: 68277

Ion Ratio Lower Upper

43 100

45 12.5 12.3 18.5



#44

Isopropyl Acetate

Concen: 19.225 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056241.D

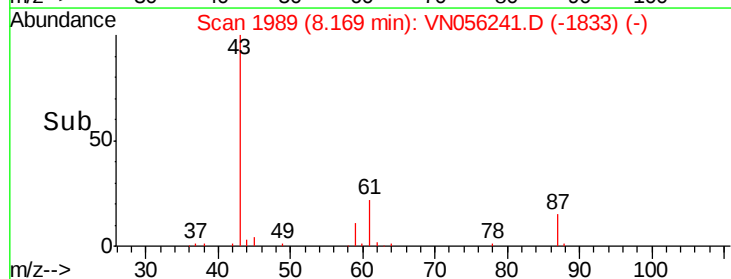
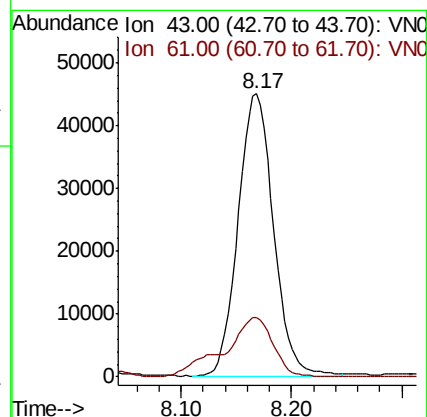
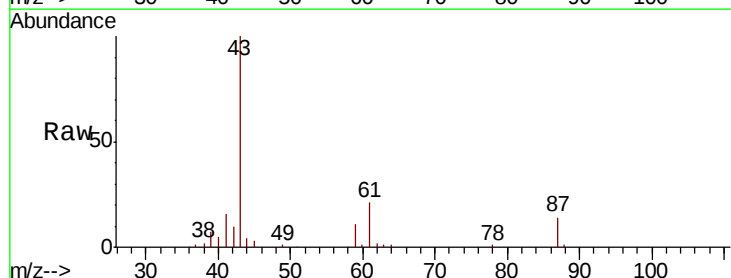
Acq: 12 Jun 2019 11:37

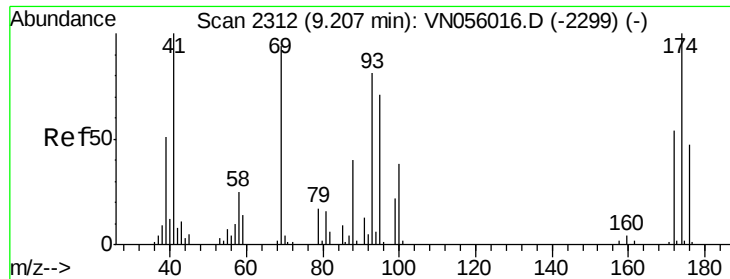
Tgt Ion: 43 Resp: 99691

Ion Ratio Lower Upper

43 100

61 21.9 16.9 25.3





#45

1,4-Dioxane

Concen: 409.077 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

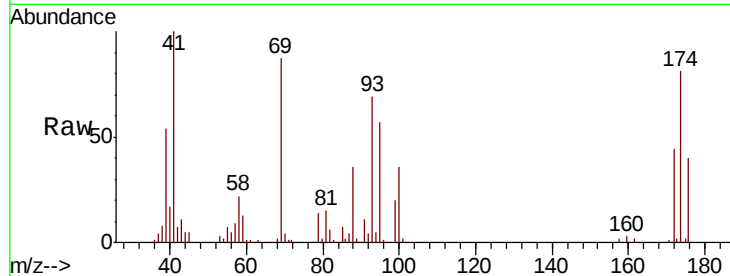
Tot Ion: 88 Resp: 22692

Ion Ratio Lower Upper

88 100

43 27.7 19.8 29.6

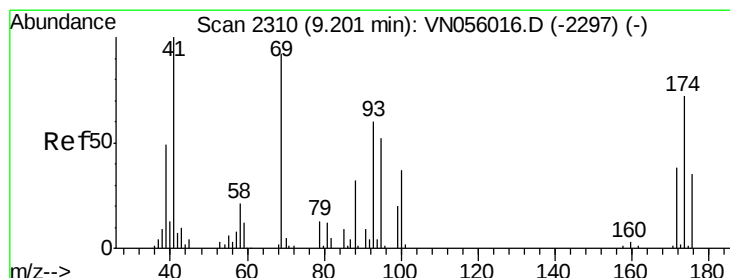
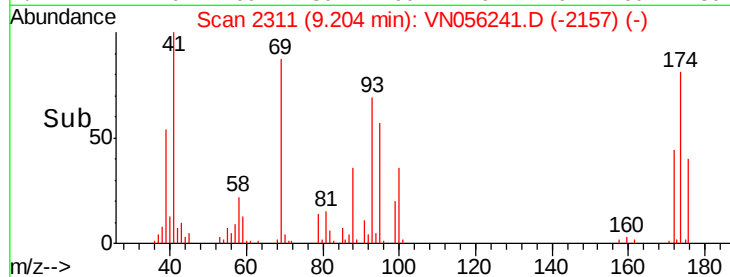
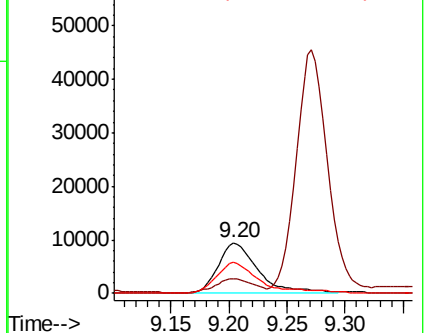
58 59.7 48.5 72.7



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: 19.255 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

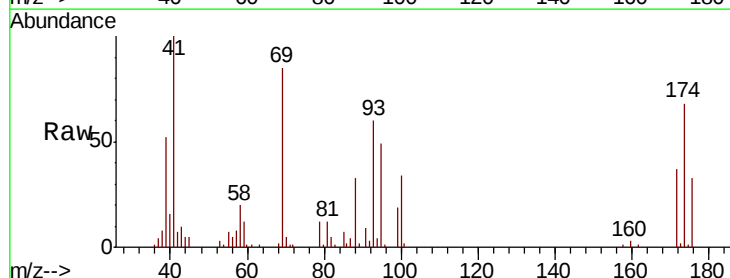
Tgt Ion: 41 Resp: 49601

Ion Ratio Lower Upper

41 100

69 86.3 46.0 137.8

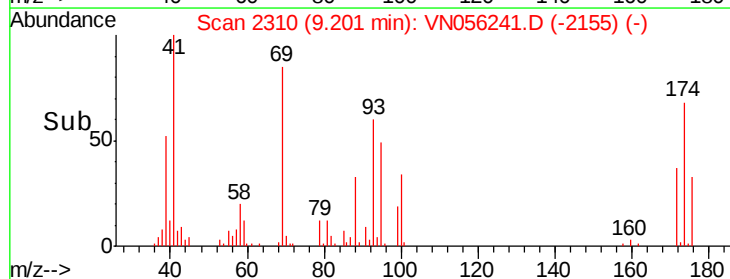
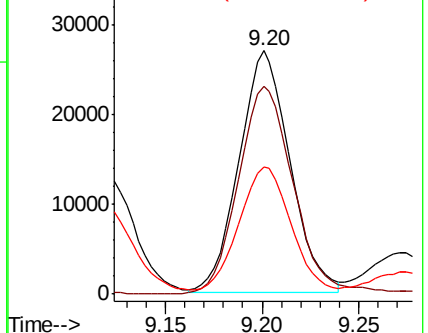
39 51.6 24.6 73.8

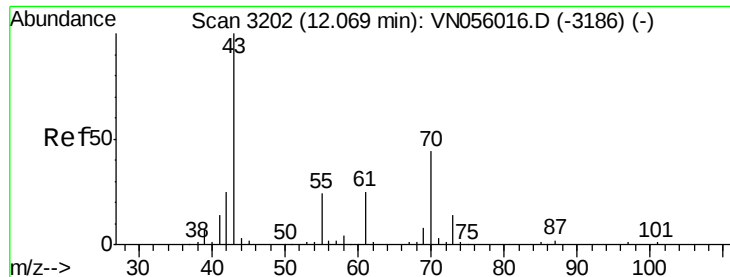


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

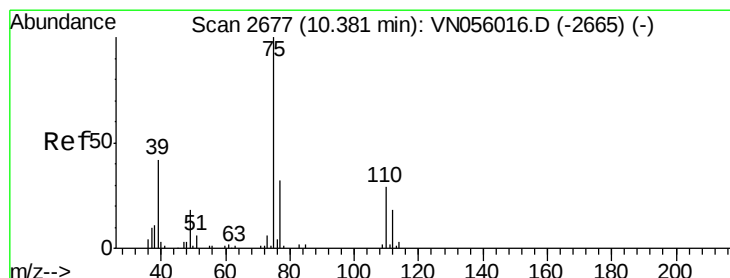
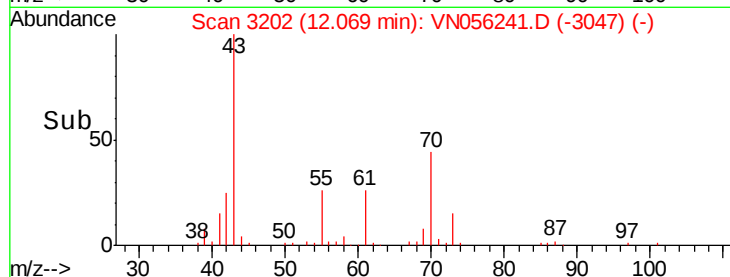
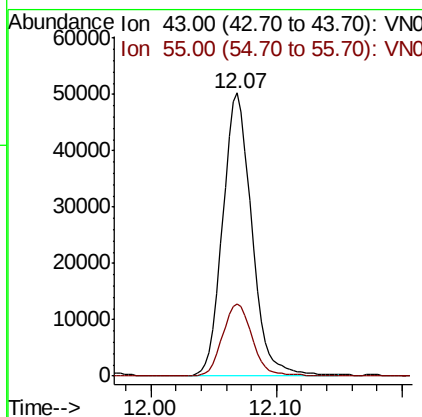
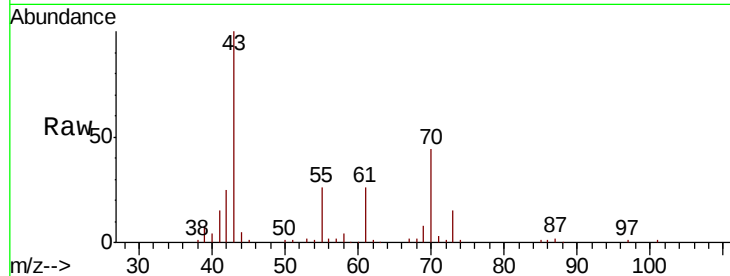




#47
n-amvl Acetate
Concen: 18.903 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

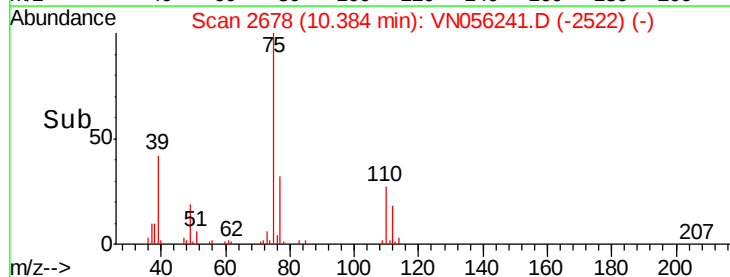
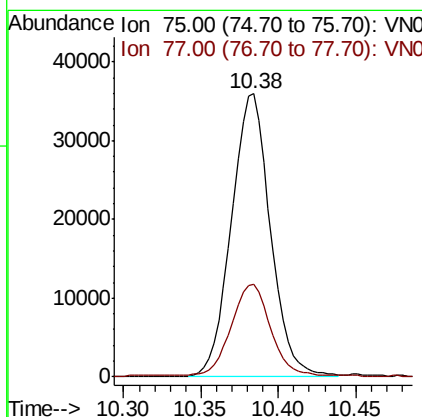
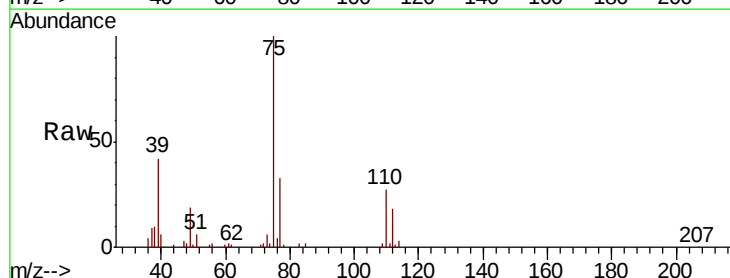
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

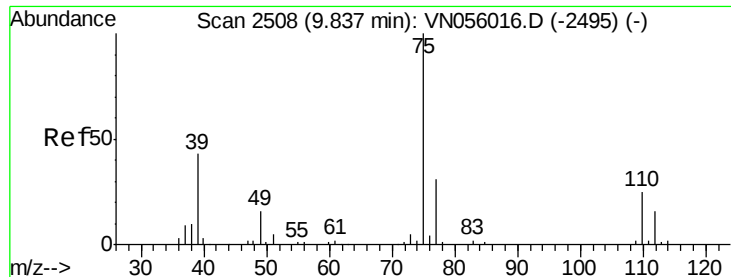
Tot Ion: 43 Resp: 81063
Ion Ratio Lower Upper
43 100
55 26.0 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 18.665 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 75 Resp: 63084
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0



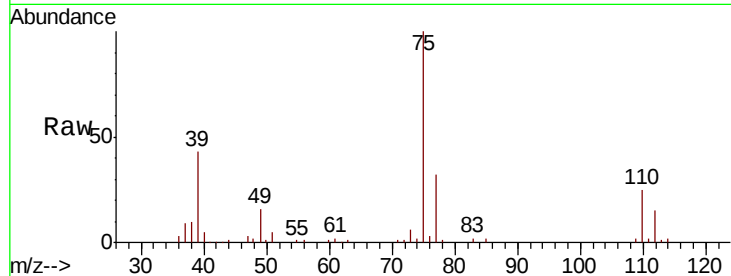


#49

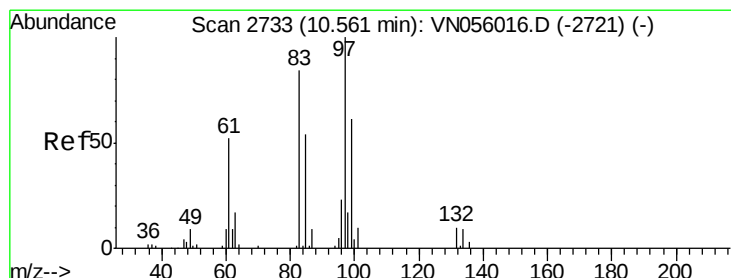
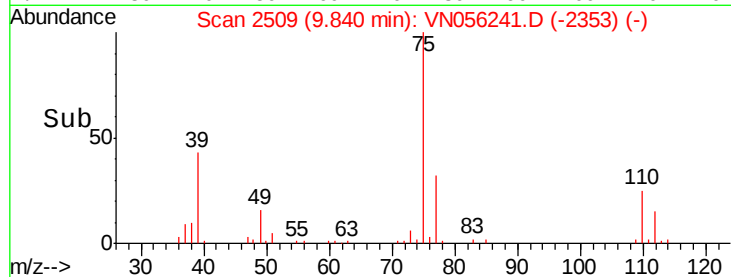
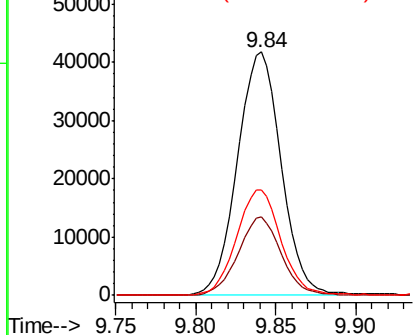
cis-1,3-Dichloropropene
 Concen: 19.731 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

Tot Ion: 75 Resp: 78086
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7
 39 43.2 34.3 51.5



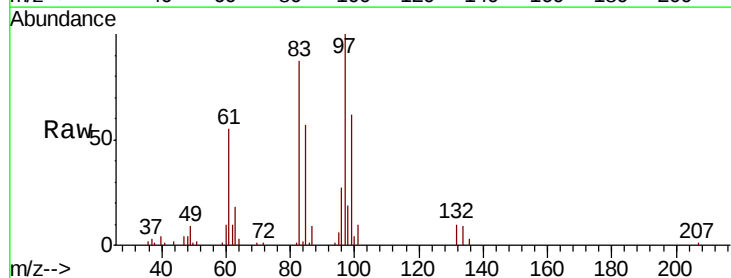
Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO



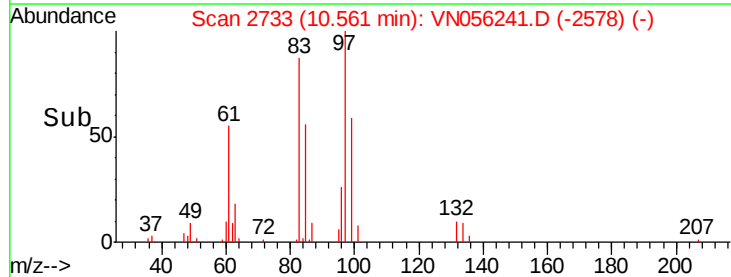
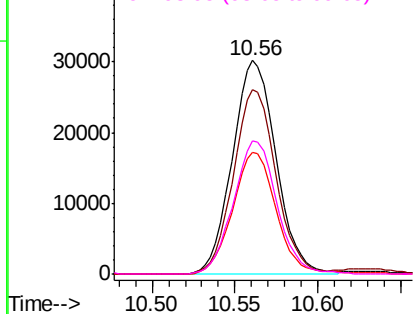
#50

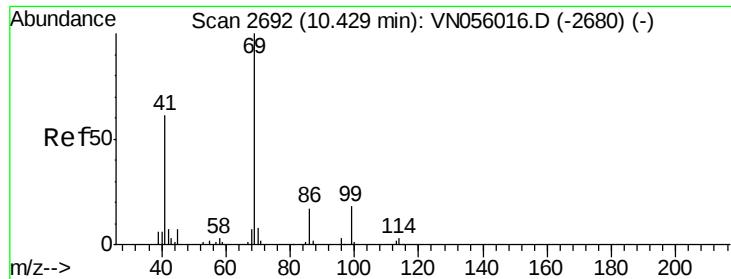
1,1,2-Trichloroethane
 Concen: 20.767 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Tgt Ion: 97 Resp: 55320
 Ion Ratio Lower Upper
 97 100
 83 86.6 66.9 100.3
 85 57.0 43.3 64.9
 99 62.1 48.6 73.0



Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 18.888 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampled :

VN0612WBSD01

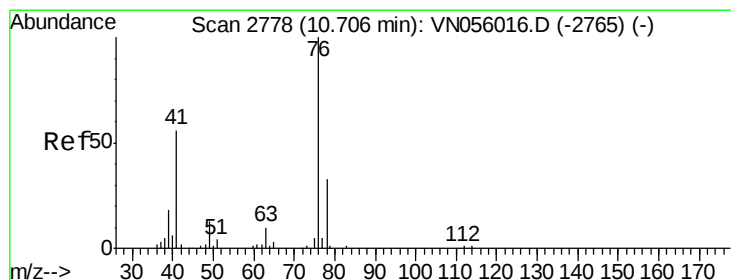
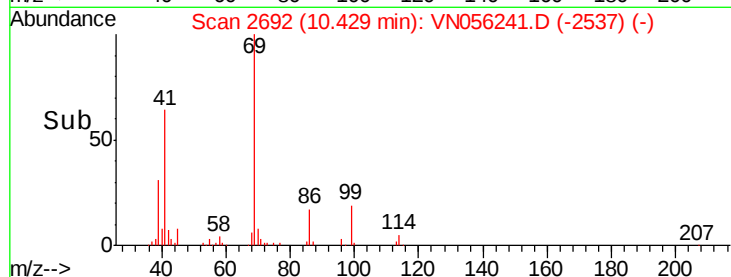
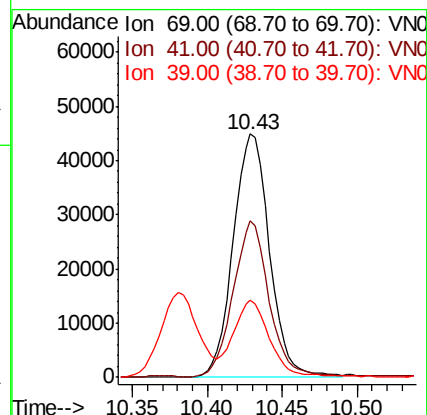
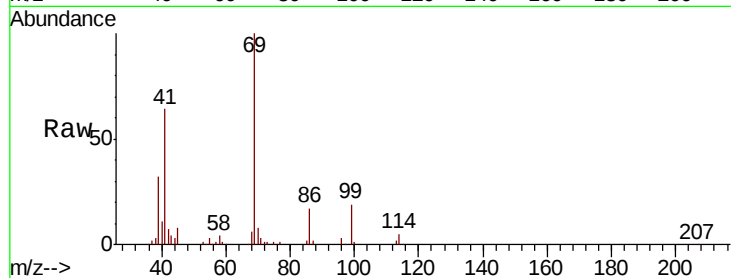
Tot Ion: 69 Resp: 76123

Ion Ratio Lower Upper

69 100

41 63.7 30.8 92.3

39 31.0 14.5 43.6



#52

1,3-Dichloropropane

Concen: 20.840 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056241.D

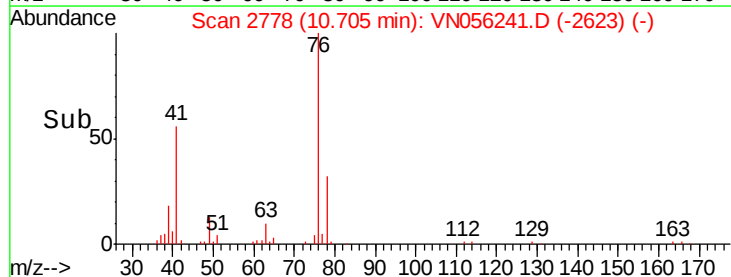
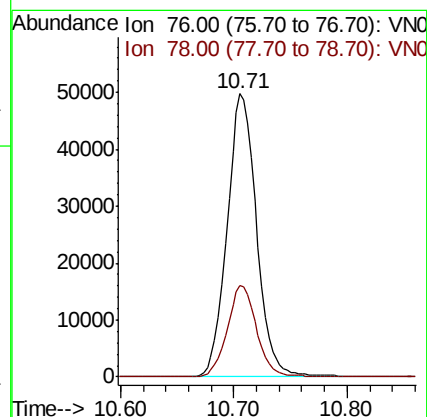
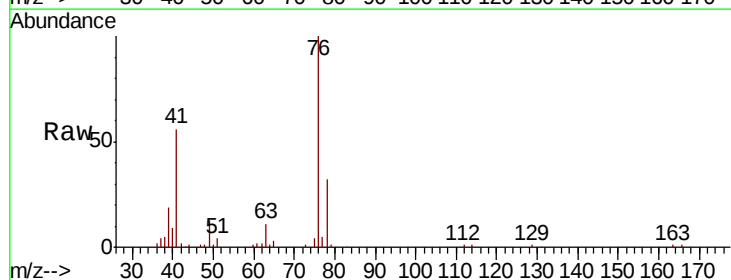
Acq: 12 Jun 2019 11:37

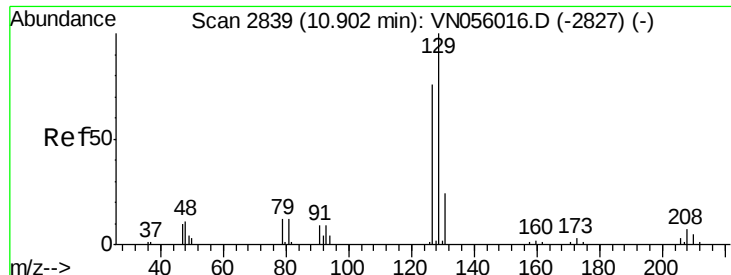
Tgt Ion: 76 Resp: 90002

Ion Ratio Lower Upper

76 100

78 32.2 0.0 63.4

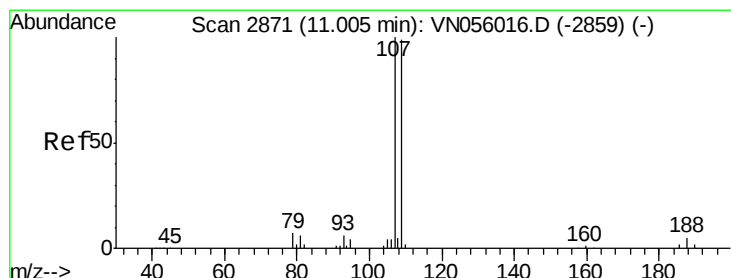
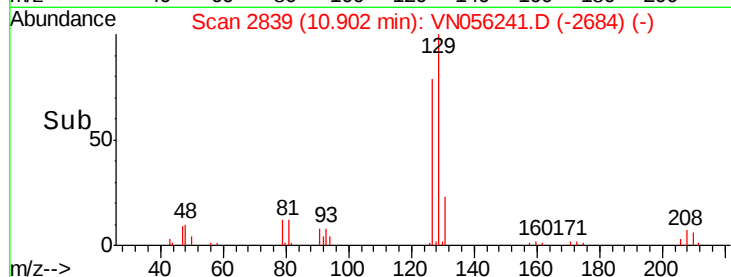
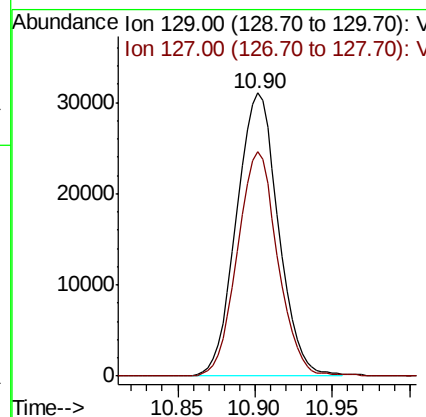
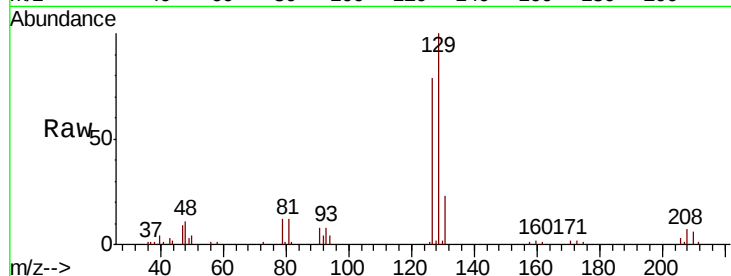




#53
Dibromochloromethane
Concen: 22.402 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

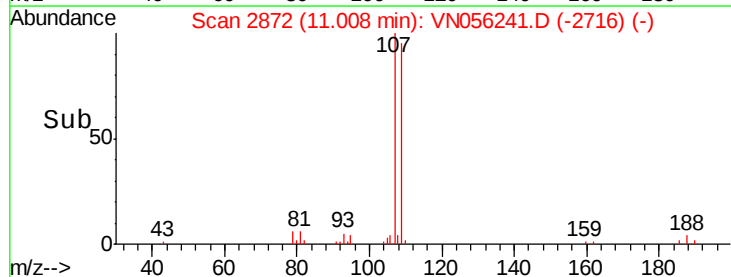
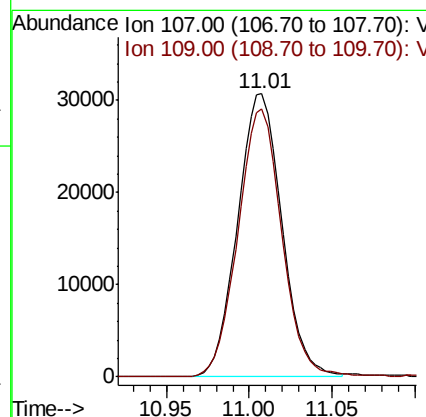
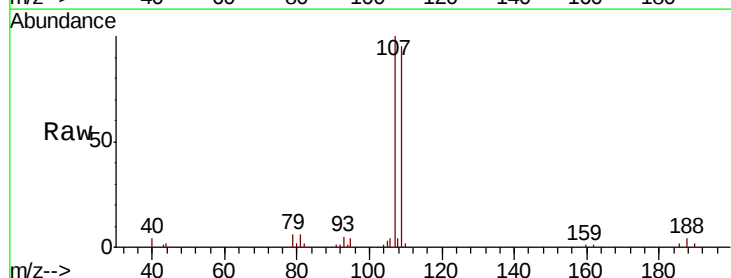
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

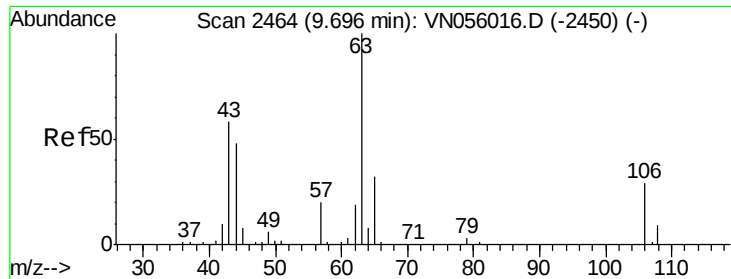
Tot Ion:129 Resp: 58417
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.5



#54
1,2-Dibromoethane
Concen: 20.573 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion:107 Resp: 57190
Ion Ratio Lower Upper
107 100
109 93.7 76.8 115.2

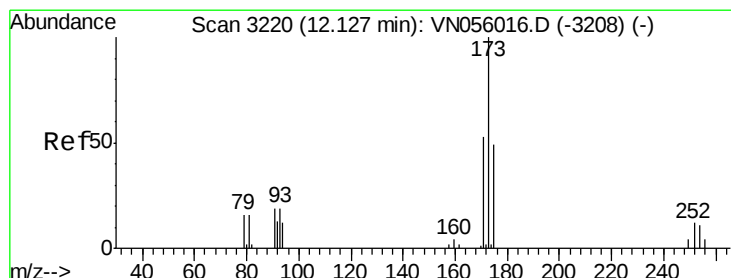
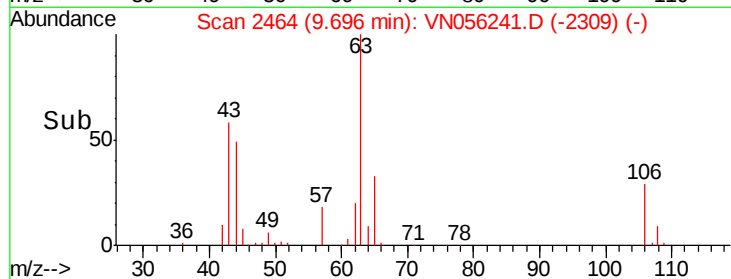
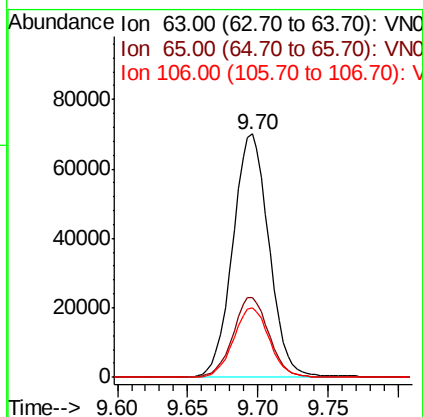
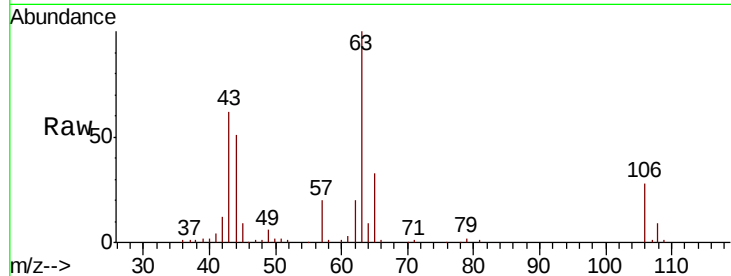




#55
2-Chloroethyl vinyl ether
Concen: 89.336 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

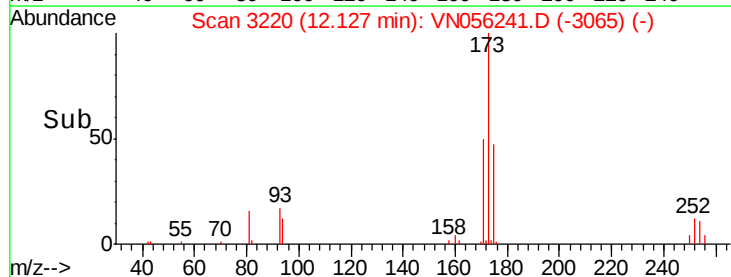
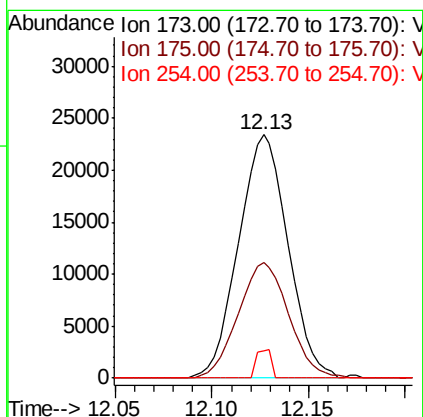
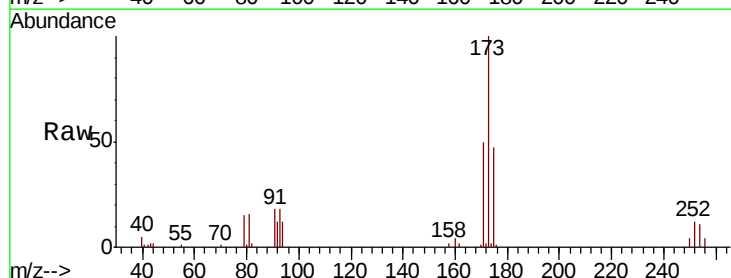
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

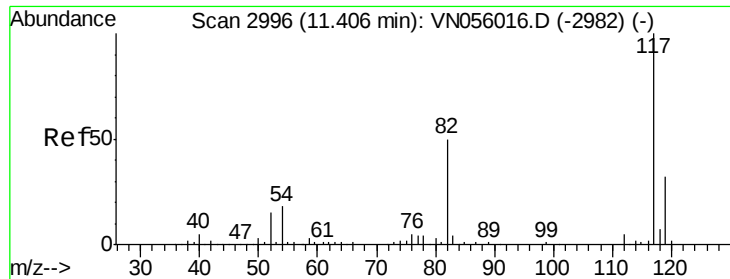
Tot Ion: 63 Resp: 126110
Ion Ratio Lower Upper
63 100
65 32.5 25.5 38.3
106 28.2 23.0 34.4



#56
Bromoform
Concen: 22.106 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion:173 Resp: 41703
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 3.6 6.6 9.8#

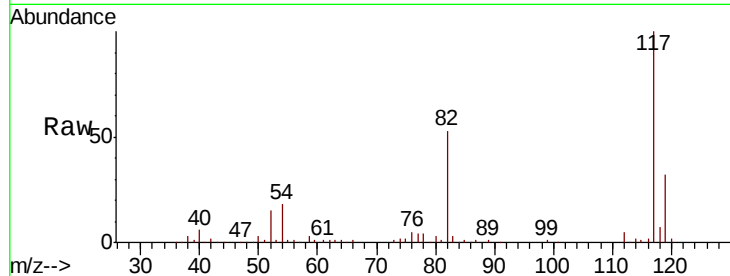




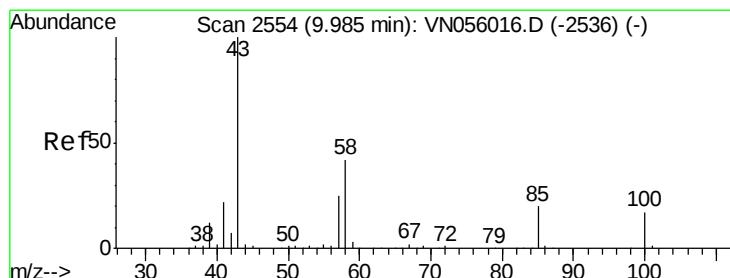
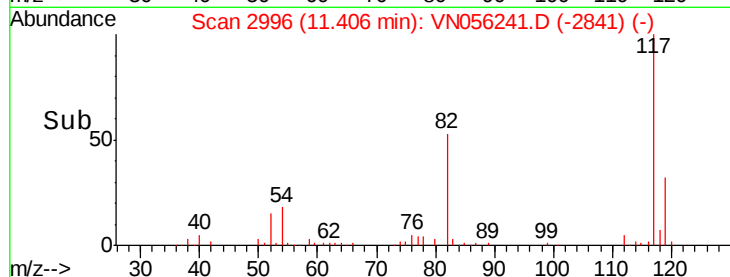
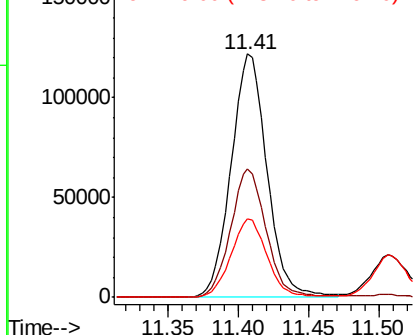
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion:117 Resp: 217806
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 32.5 26.2 39.2

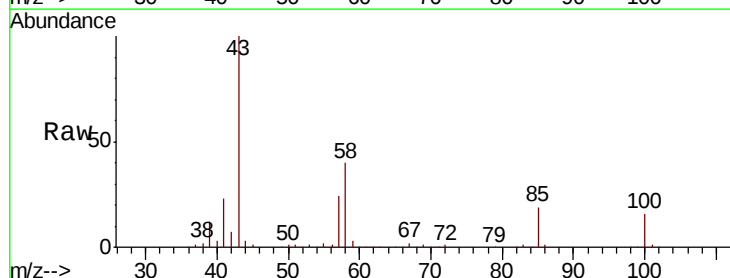


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

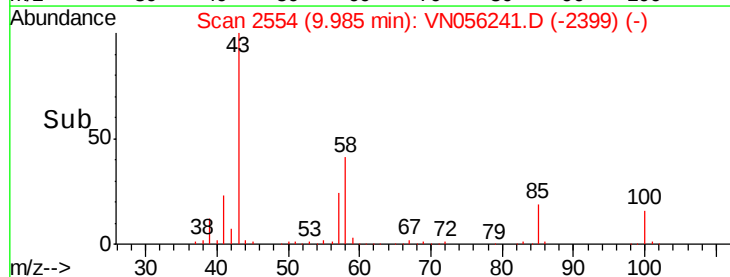
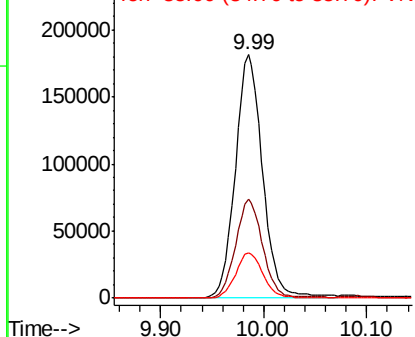


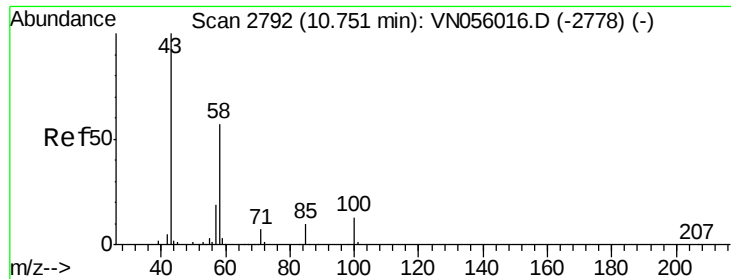
#58
4-Methyl-2-Pentanone
Concen: 101.526 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 43 Resp: 334844
Ion Ratio Lower Upper
43 100
58 40.5 33.1 49.7
85 18.8 15.5 23.3



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

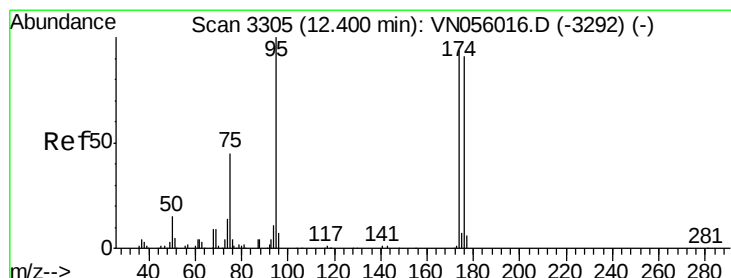
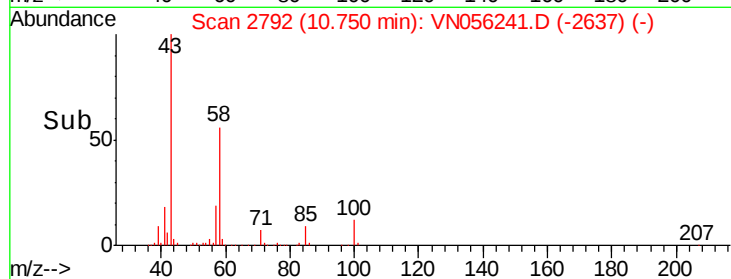
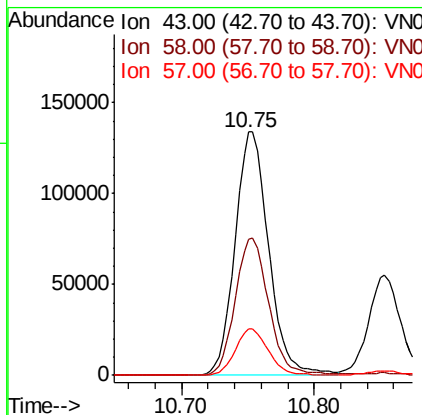
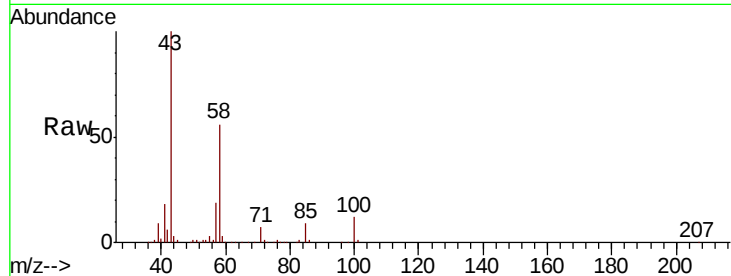




#59
2-Hexanone
Concen: 100.125 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

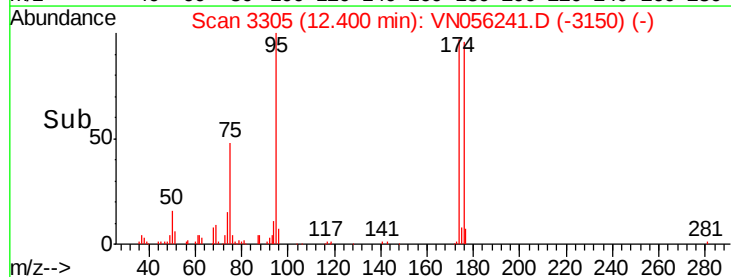
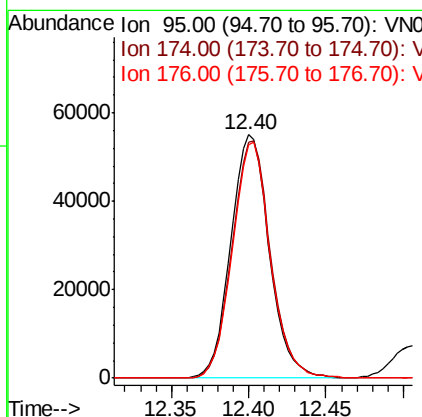
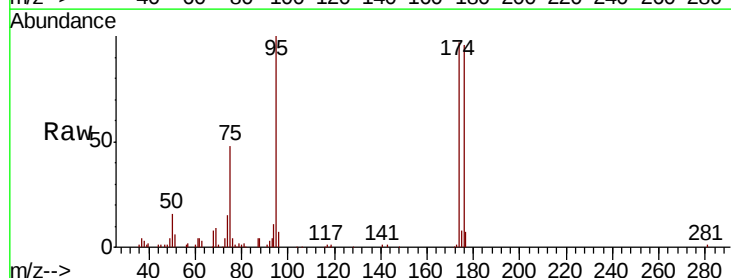
Instrument :
MSVOA_N
ClientSampled :
VN0612WBSD01

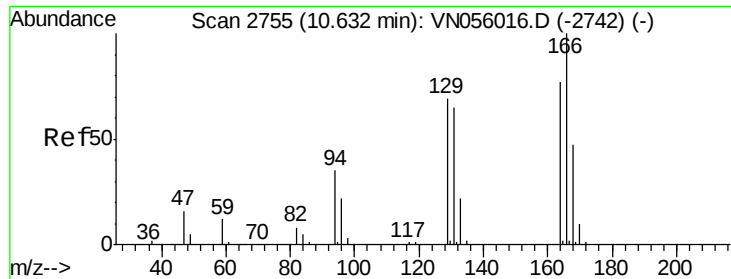
Tot Ion	43	Resp	236027
Ion Ratio	Lower	Upper	
43	100		
58	56.2	45.3	67.9
57	19.0	15.6	23.4



#60
4-Bromofluorobenzene
Concen: 29.458 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion	95	Resp	95099
Ion Ratio	Lower	Upper	
95	100		
174	97.7	75.4	113.0
176	95.2	73.9	110.9





#61

Tetrachloroethene

Concen: 21.169 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

Tot Ion:164 Resp: 64260

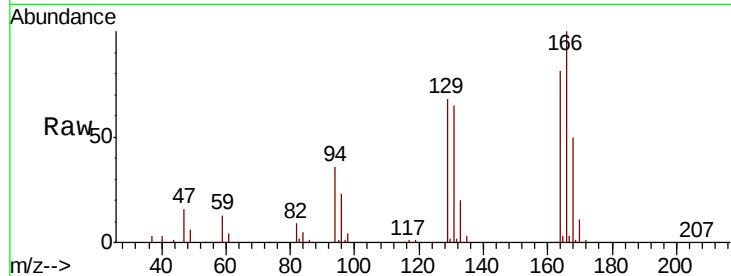
Ion Ratio Lower Upper

164 100

166 123.3 104.3 156.5

129 83.8 71.5 107.3

131 80.5 67.7 101.5

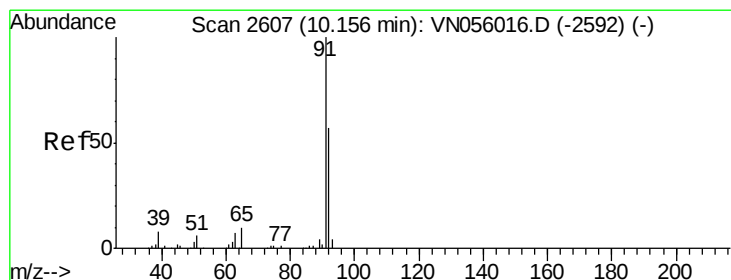
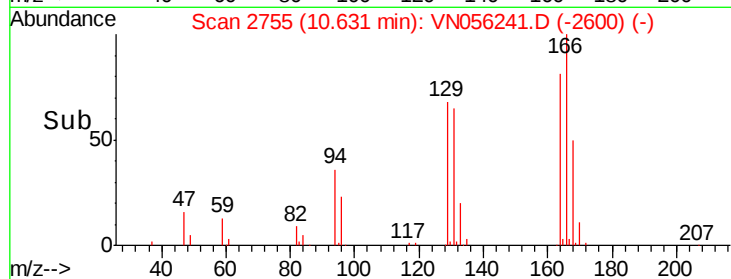
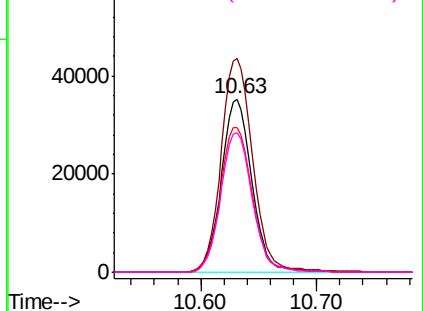


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.340 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056241.D

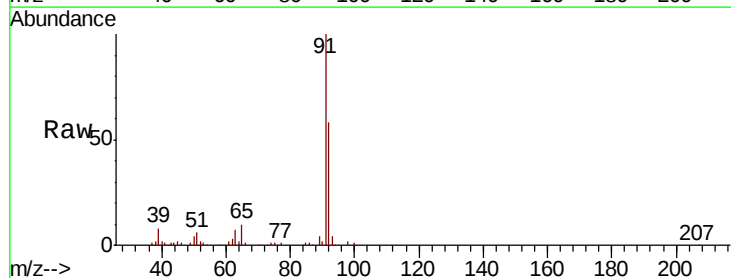
Acq: 12 Jun 2019 11:37

Tgt Ion: 91 Resp: 239164

Ion Ratio Lower Upper

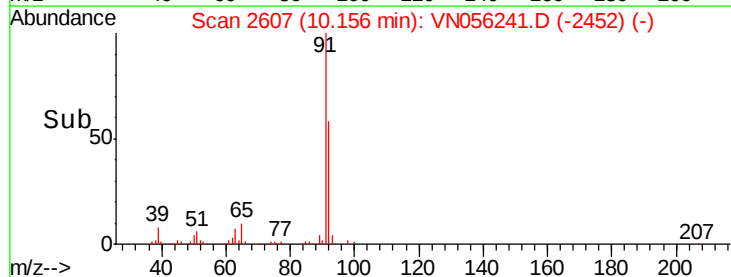
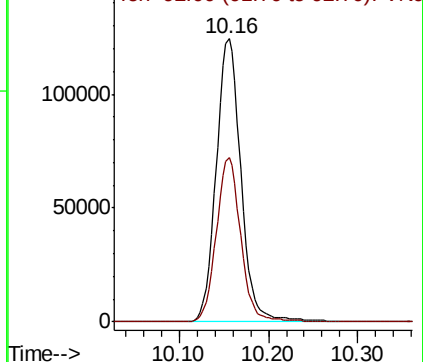
91 100

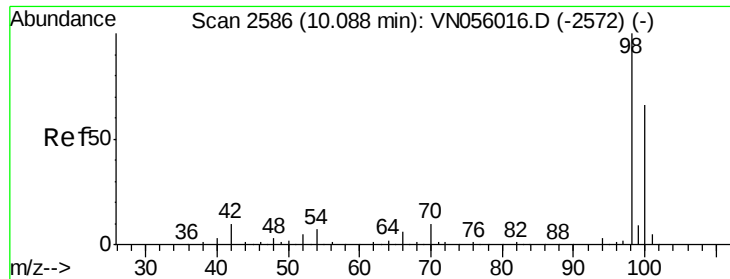
92 57.2 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.441 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

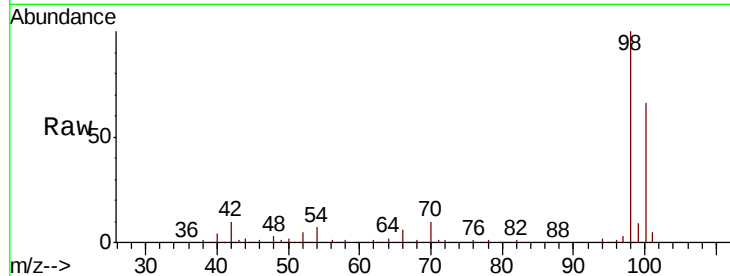
VN0612WBSD01

Tot Ion: 98 Resp: 300771

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.4



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

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

10.09

150000

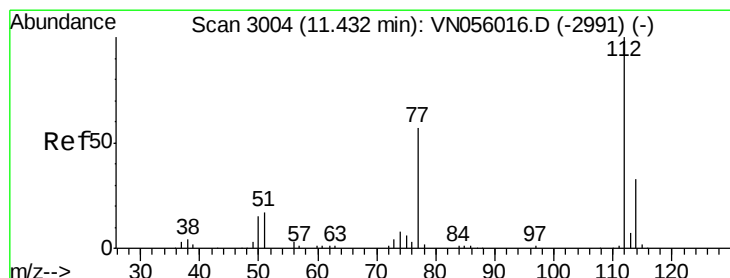
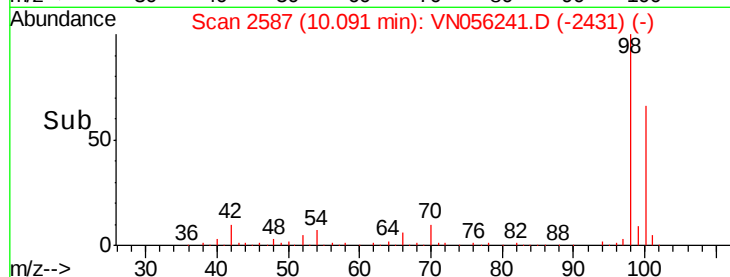
100000

50000

0

10.00 10.10 10.20

Time-->



#64

Chlorobenzene

Concen: 20.481 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056241.D

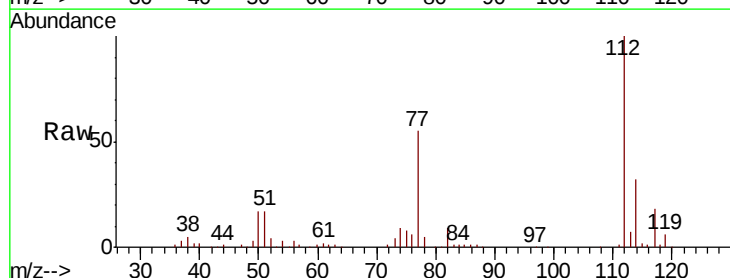
Acq: 12 Jun 2019 11:37

Tgt Ion: 112 Resp: 146070

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



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

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

11.43

80000

60000

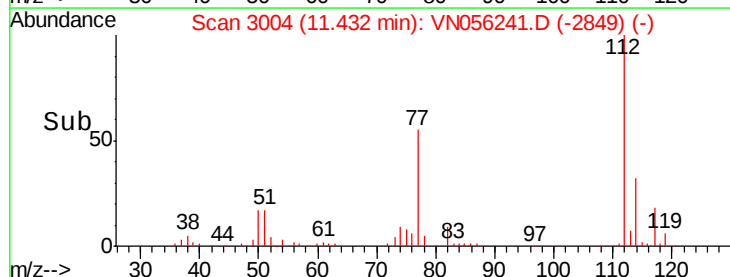
40000

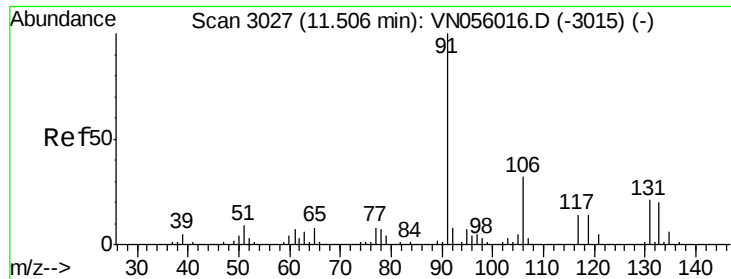
20000

0

11.40 11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 21.381 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

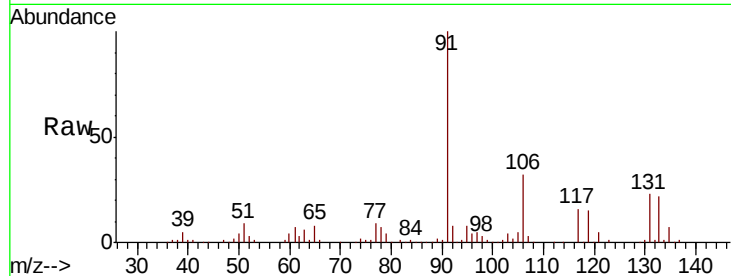
Tot Ion:131 Resp: 54986

Ion Ratio Lower Upper

131 100

133 95.0 0.0 193.8

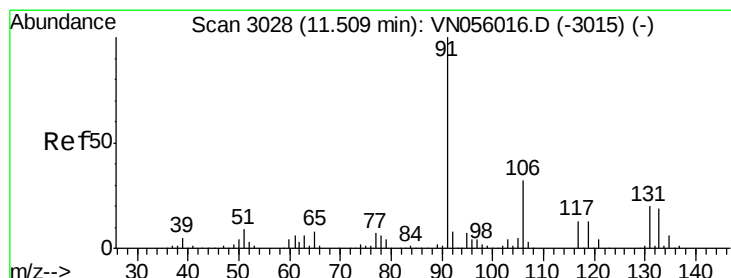
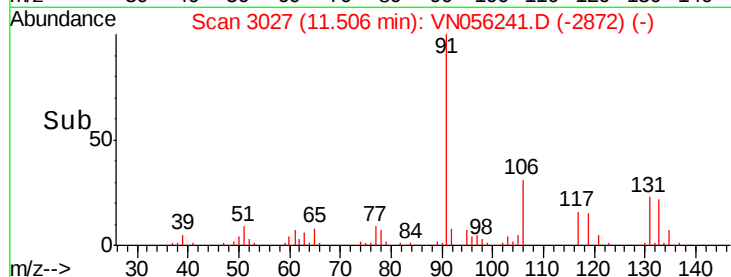
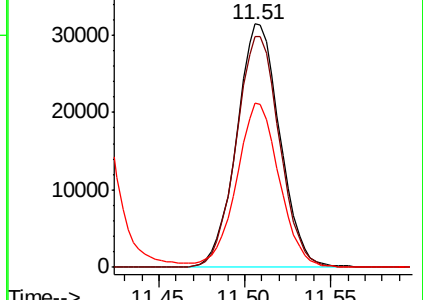
119 66.6 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.926 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056241.D

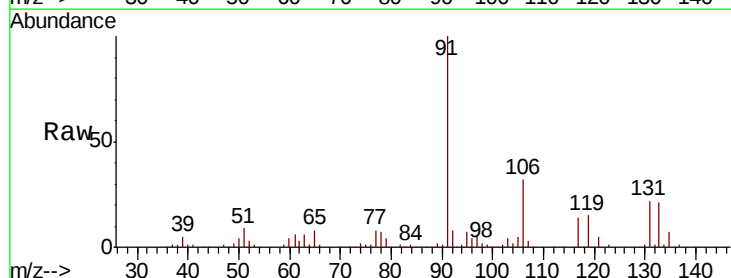
Acq: 12 Jun 2019 11:37

Tgt Ion: 91 Resp: 249542

Ion Ratio Lower Upper

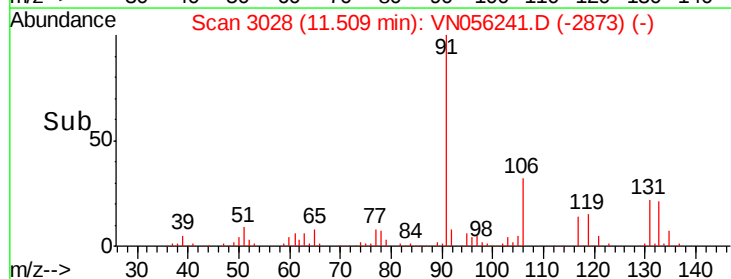
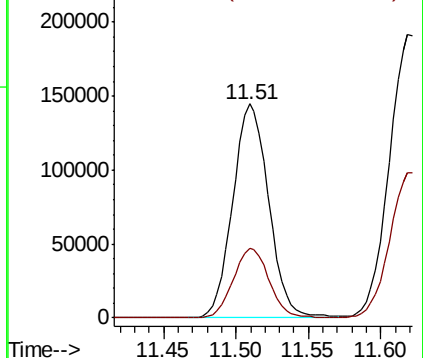
91 100

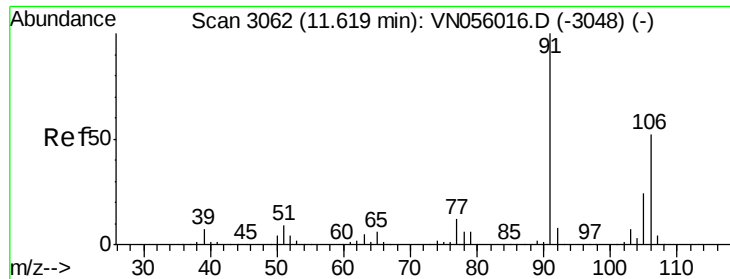
106 32.4 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

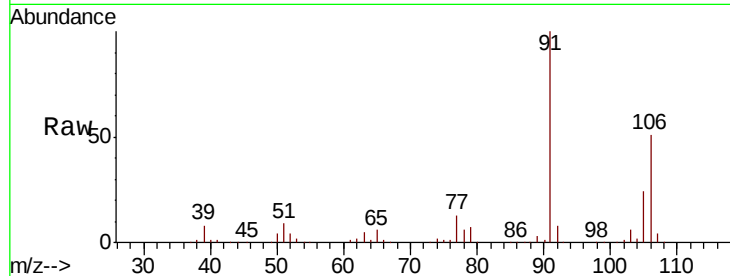




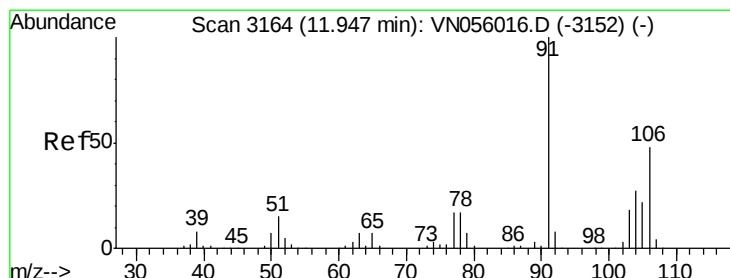
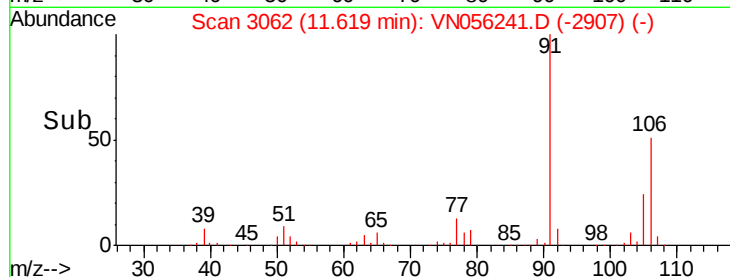
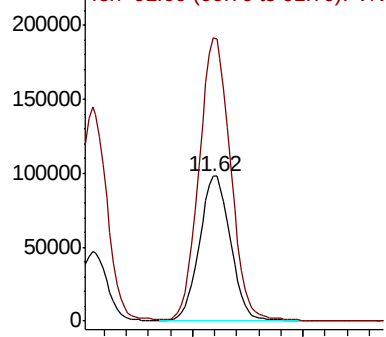
#67
m/p-Xylenes
Concen: 40.229 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Instrument :
MSVOA_N
ClientSampled :
VN0612WBSD01

Tot Ion:106 Resp: 192838
Ion Ratio Lower Upper
106 100
91 196.7 155.7 233.5

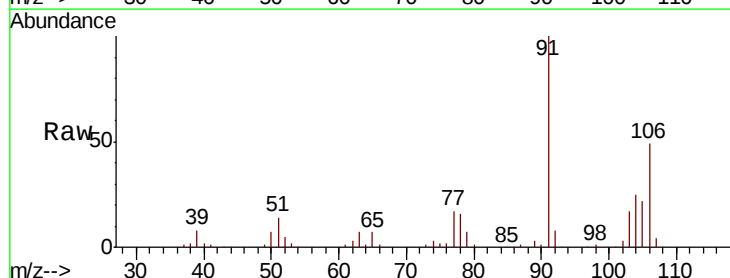


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

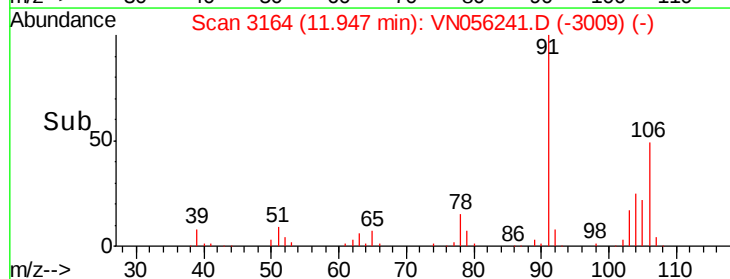
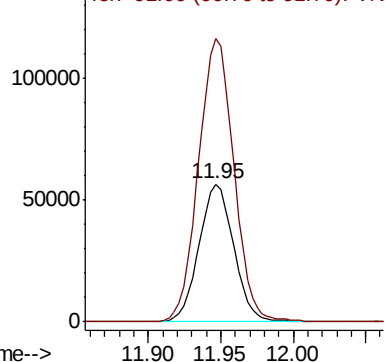


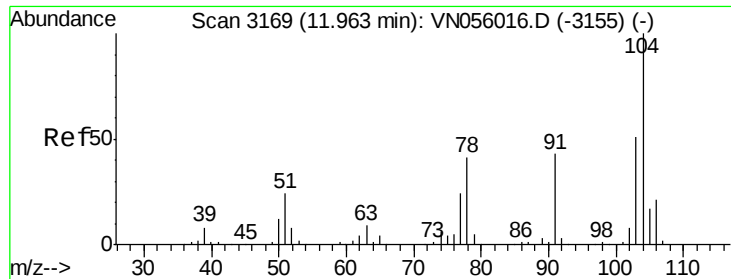
#68
o-Xylene
Concen: 20.188 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion:106 Resp: 94738
Ion Ratio Lower Upper
106 100
91 209.0 103.9 311.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

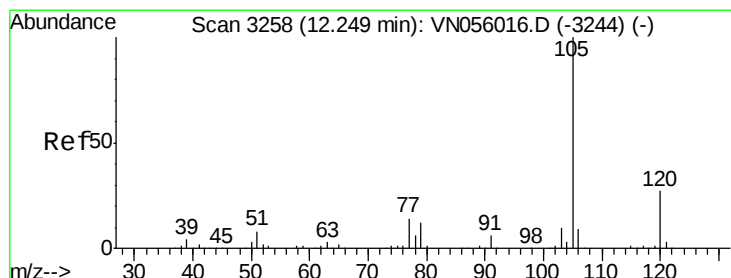
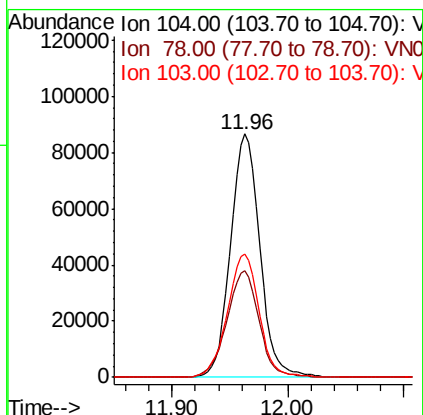
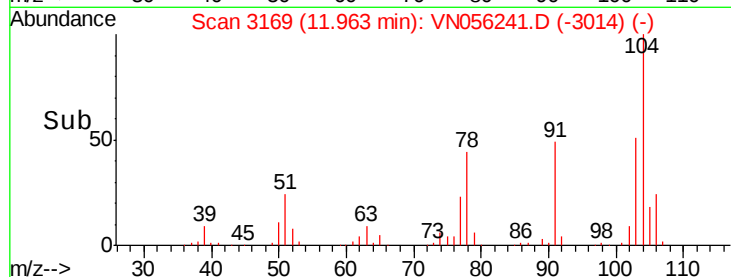
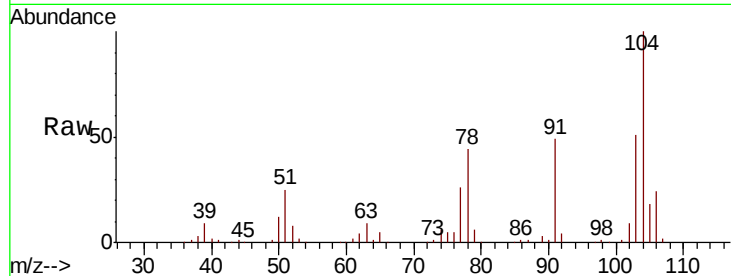




#69
Stvrene
Concen: 19.780 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

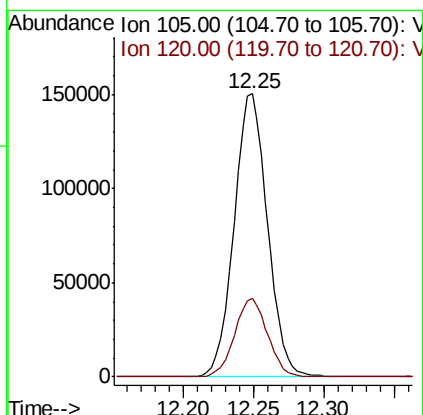
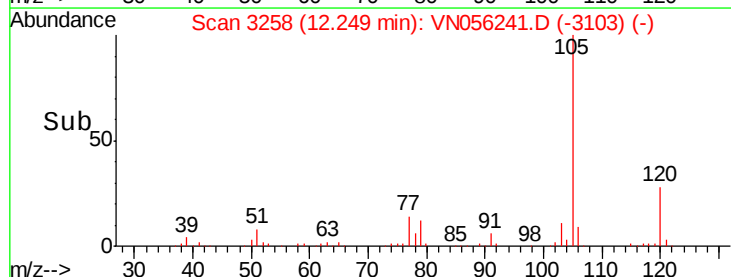
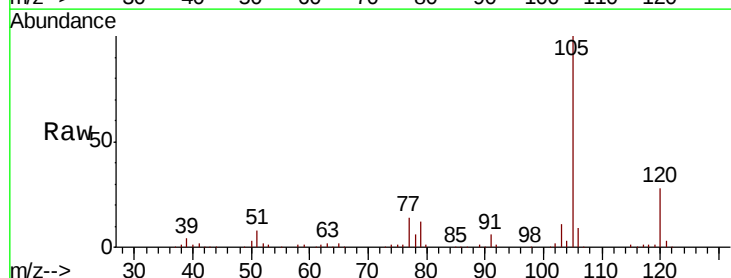
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

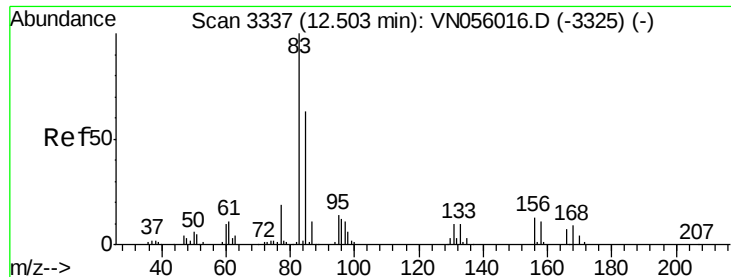
Tot Ion:104 Resp: 150809
Ion Ratio Lower Upper
104 100
78 48.2 37.0 55.6
103 54.8 44.4 66.6



#70
Isopropylbenzene
Concen: 20.333 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion:105 Resp: 249308
Ion Ratio Lower Upper
105 100
120 27.3 19.3 35.8

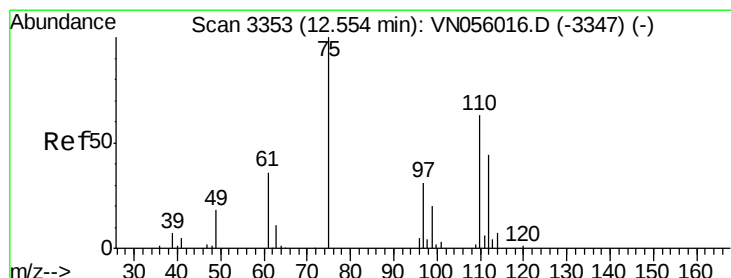
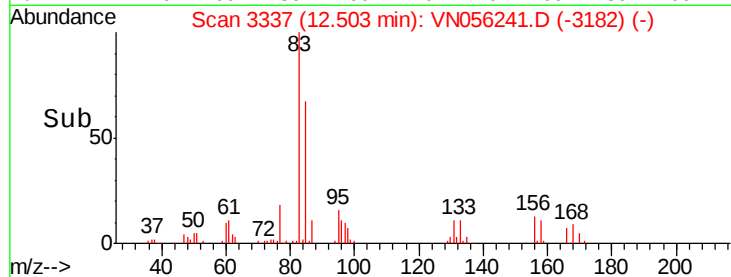
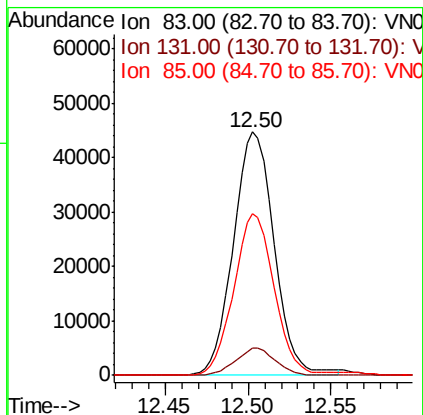
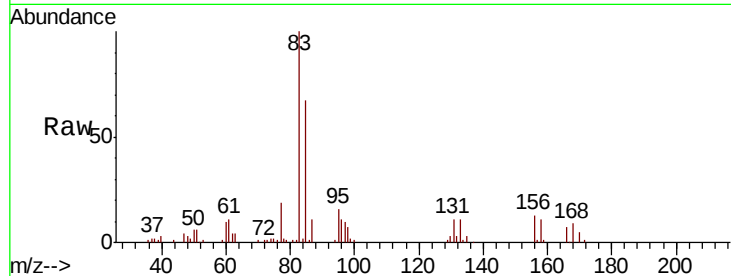




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.750 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

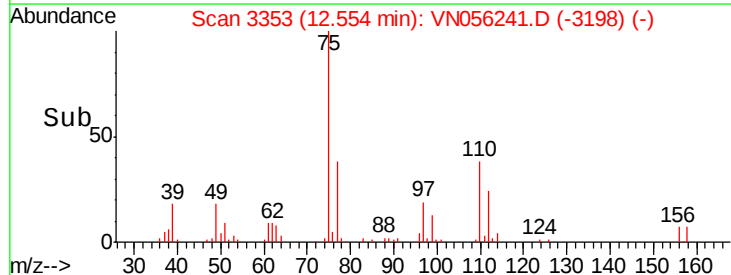
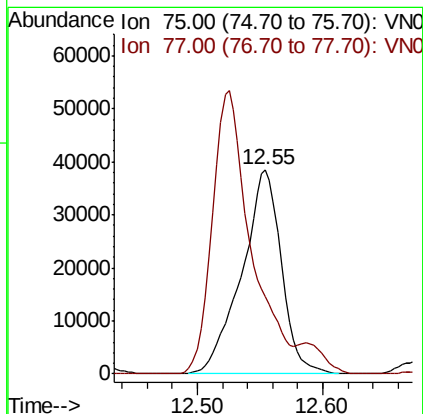
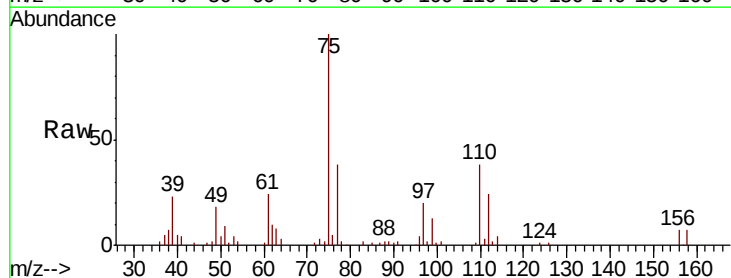
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

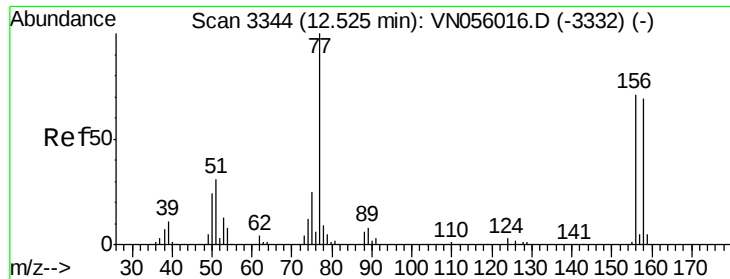
Tot Ion	83	Resp	76706
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	65.2	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 26.468 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Tgt Ion	75	Resp	84701
Ion Ratio	Lower	Upper	
75	100		
77	134.6	0.0	350.0





#73

Bromobenzene

Concen: 20.444 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampled :

VN0612WBSD01

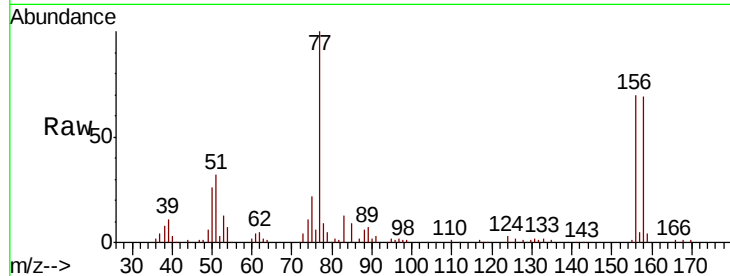
Tot Ion:156 Resp: 66535

Ion Ratio Lower Upper

156 100

77 171.3 0.0 350.8

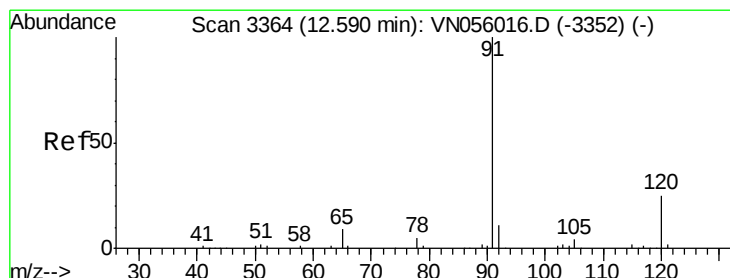
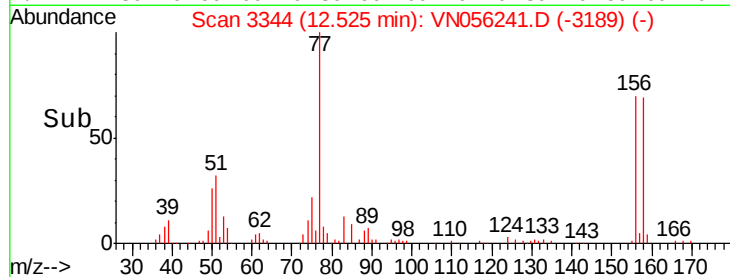
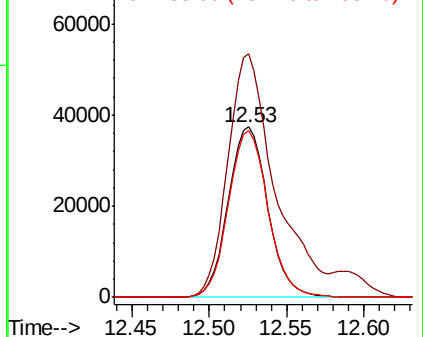
158 97.7 0.0 193.2



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: 19.892 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056241.D

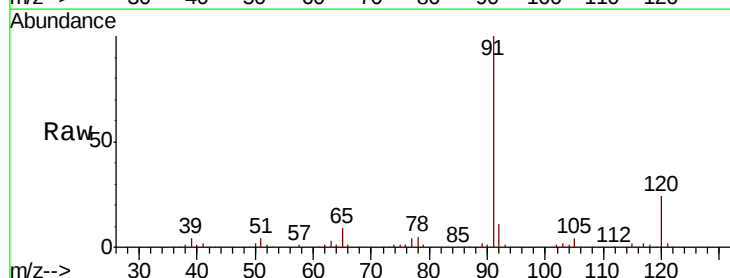
Acq: 12 Jun 2019 11:37

Tgt Ion: 91 Resp: 257388

Ion Ratio Lower Upper

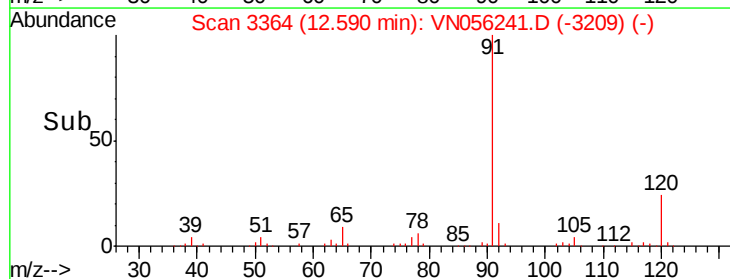
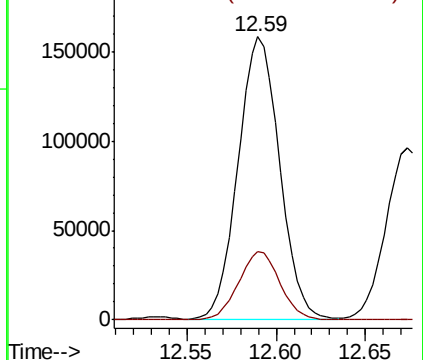
91 100

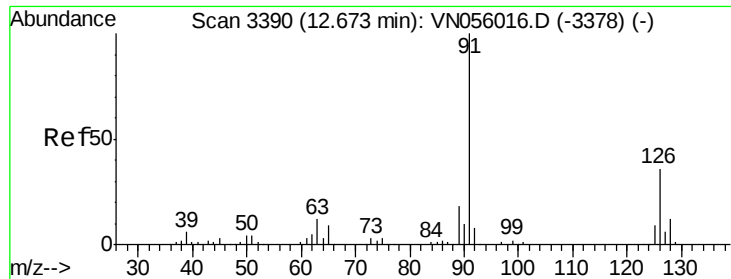
120 23.9 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.448 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampled :

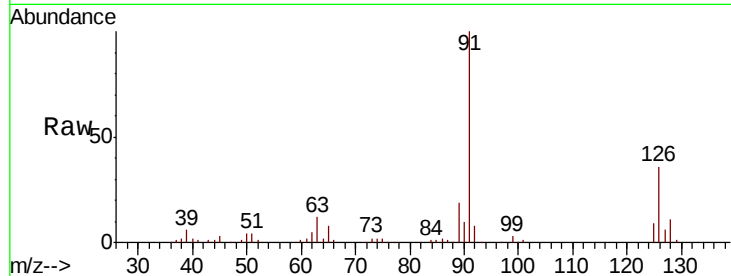
VN0612WBSD01

Tot Ion: 91 Resp: 164113

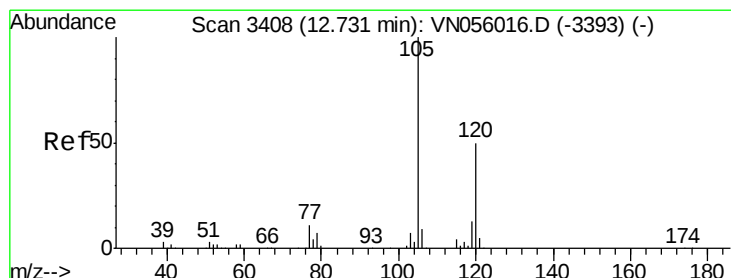
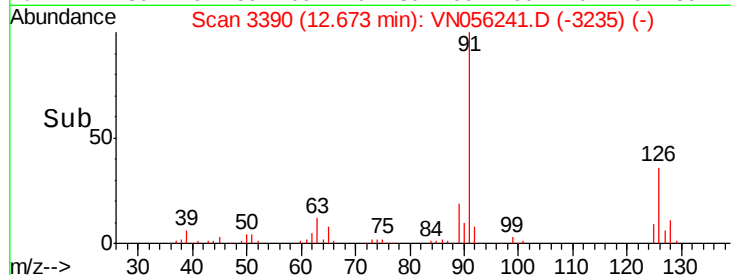
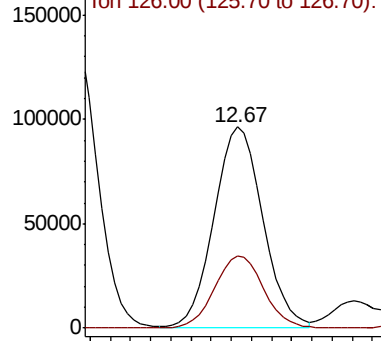
Ion Ratio Lower Upper

91 100

126 35.9 0.0 72.4



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



#76

1,3,5-Trimethylbenzene

Concen: 20.272 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056241.D

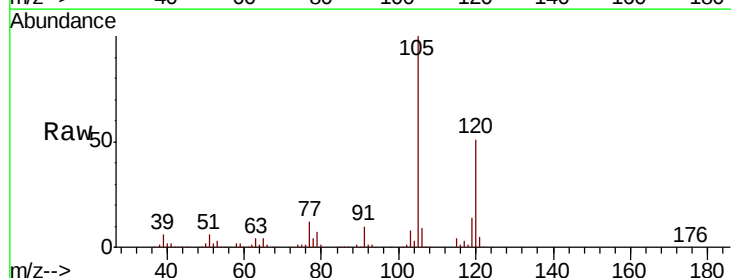
Acq: 12 Jun 2019 11:37

Tgt Ion: 105 Resp: 204459

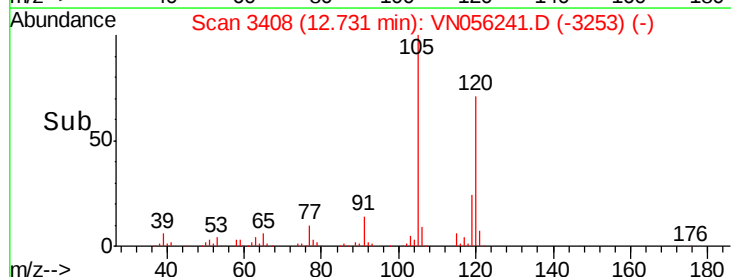
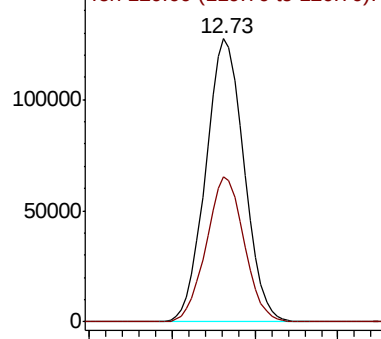
Ion Ratio Lower Upper

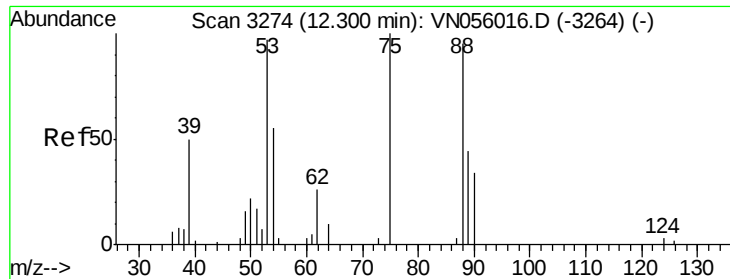
105 100

120 50.7 0.0 100.6



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





#77

t-1,4-Dichloro-2-butene

Concen: 17.276 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

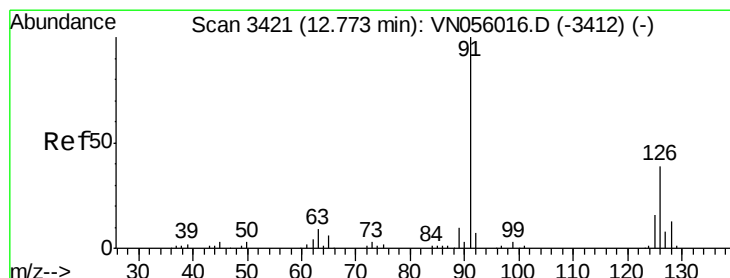
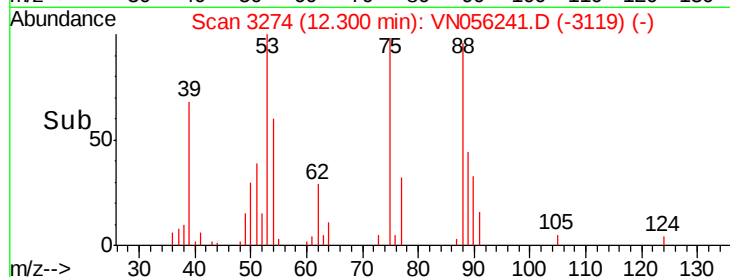
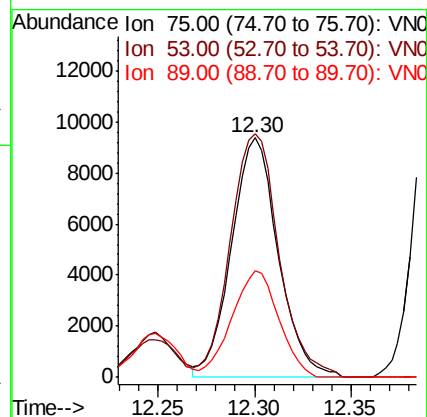
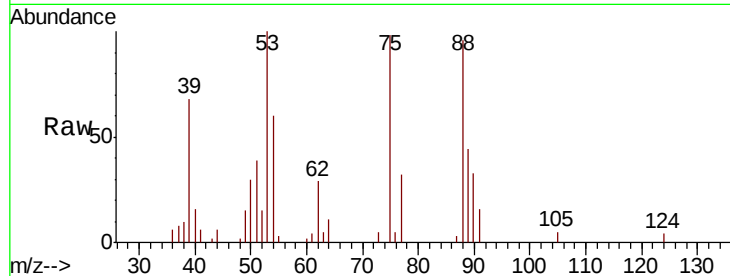
Tot Ion: 75 Resp: 15775

Ion Ratio Lower Upper

75 100

53 101.6 48.0 144.0

89 44.3 22.5 67.5



#78

4-Chlorotoluene

Concen: 19.484 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056241.D

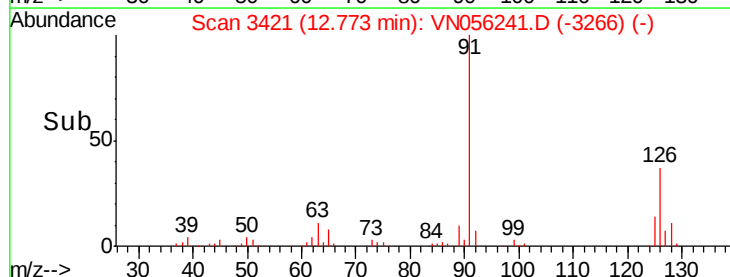
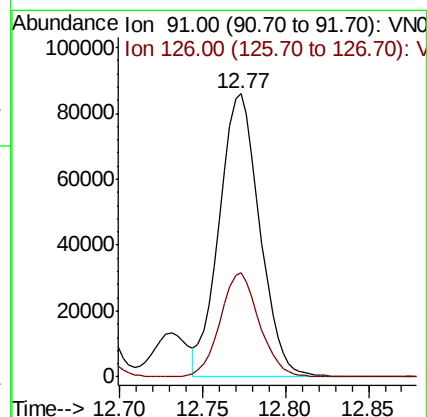
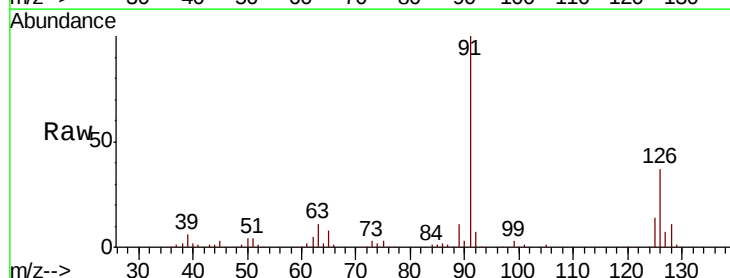
Acq: 12 Jun 2019 11:37

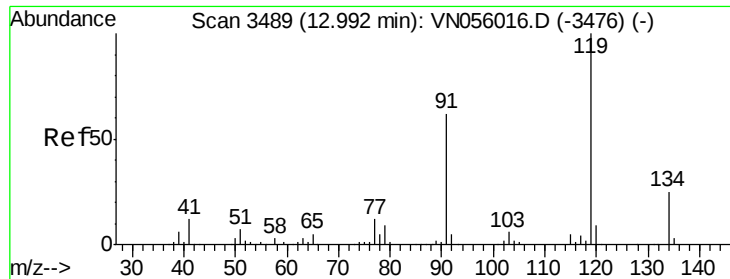
Tgt Ion: 91 Resp: 146042

Ion Ratio Lower Upper

91 100

126 35.6 0.0 71.8

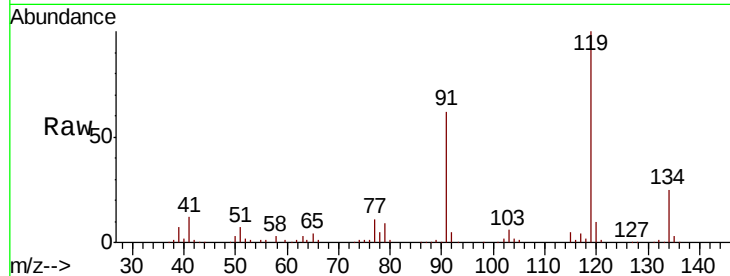




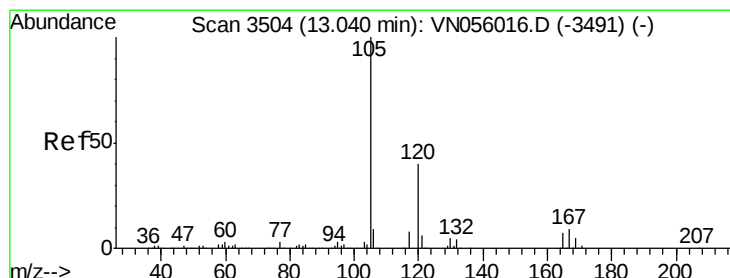
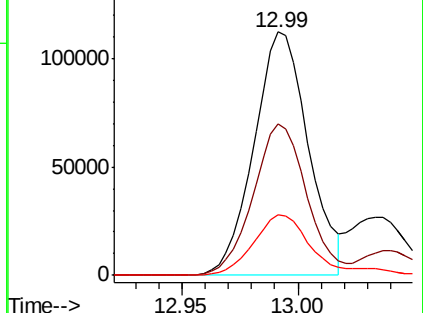
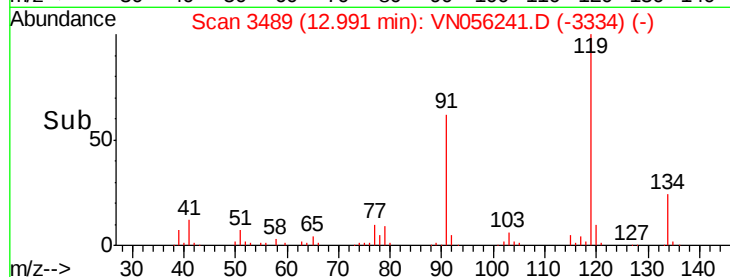
#79
tert-butylbenzene
Concen: 20.533 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Instrument :
MSVOA_N
ClientSampled :
VN0612WBSD01

Tot Ion:119 Resp: 183472
Ion Ratio Lower Upper
119 100
91 61.0 0.0 122.8
134 25.5 0.0 50.2

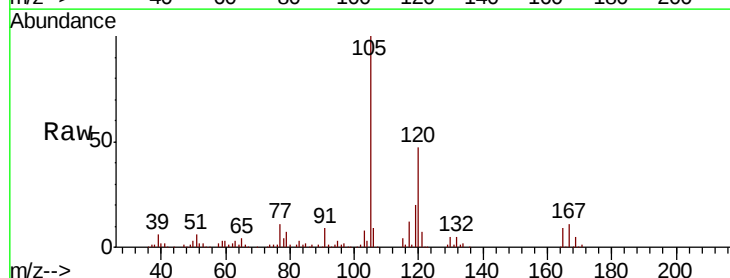


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

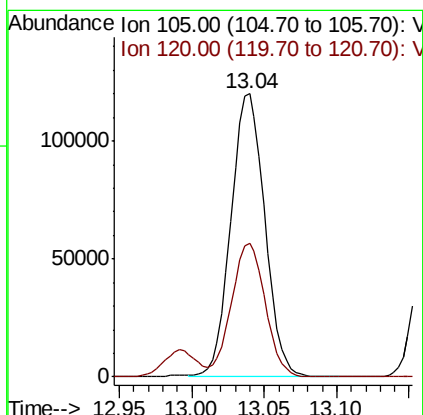
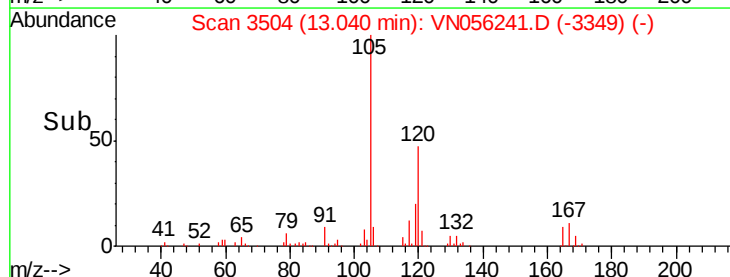


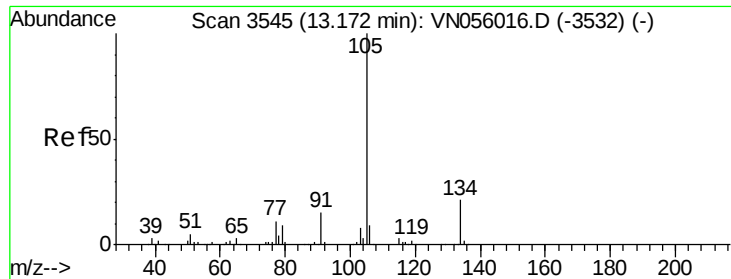
#80
1,2,4-Trimethylbenzene
Concen: 19.886 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion:105 Resp: 195101
Ion Ratio Lower Upper
105 100
120 47.2 0.0 93.4



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

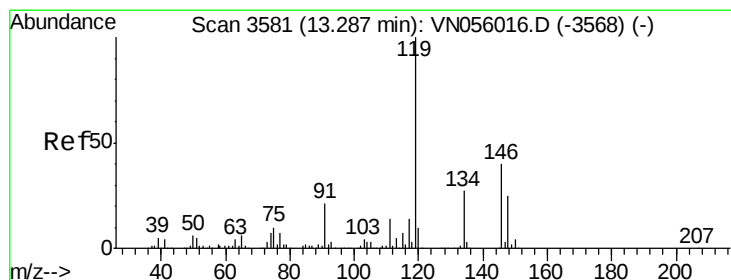
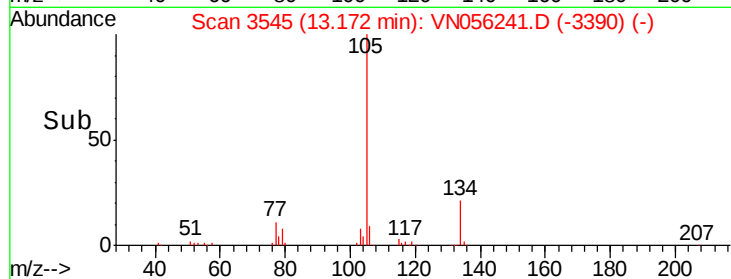
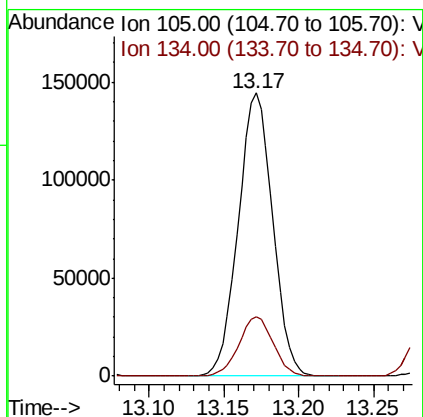
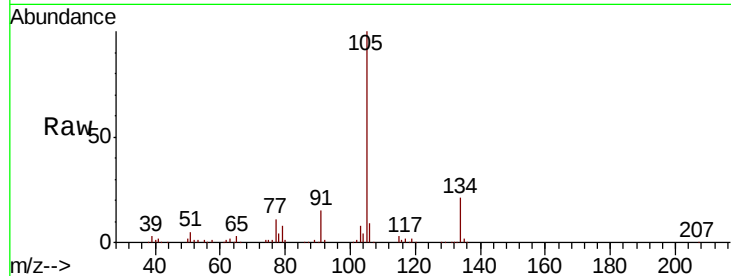




#81
 sec-Butylbenzene
 Concen: 20.476 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

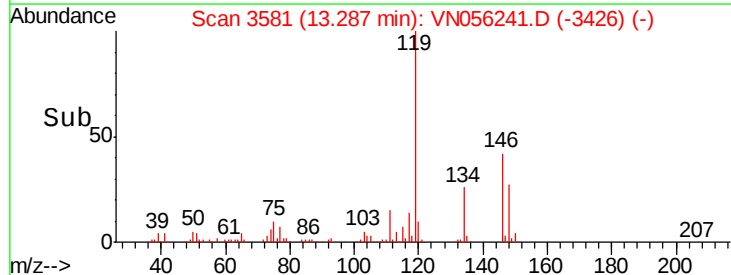
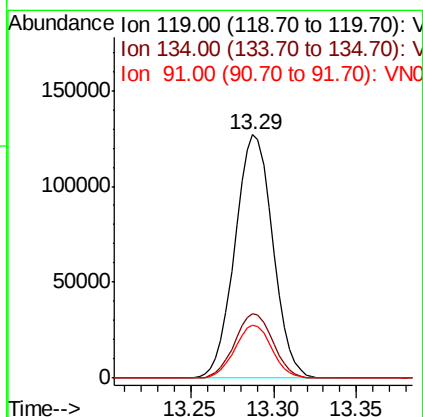
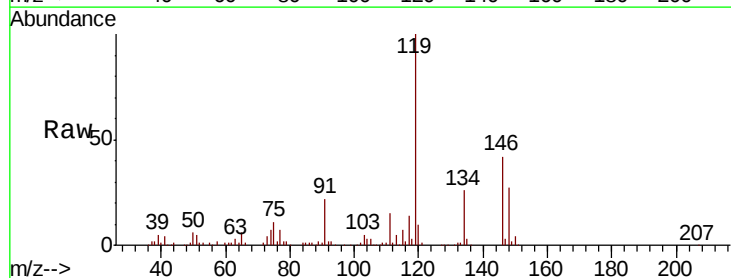
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

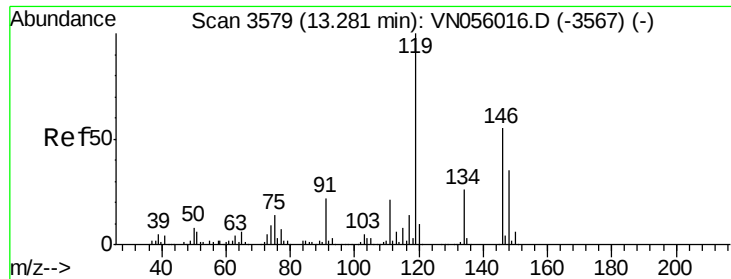
Tot Ion:105 Resp: 231453
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.767 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Tgt Ion:119 Resp: 202016
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 53.4
 91 21.2 0.0 43.0

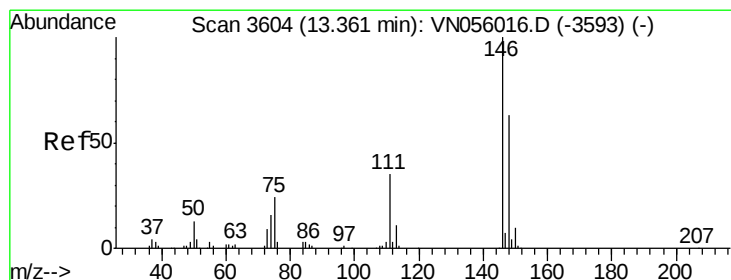
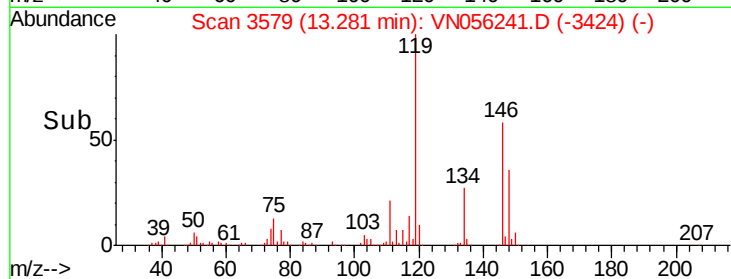
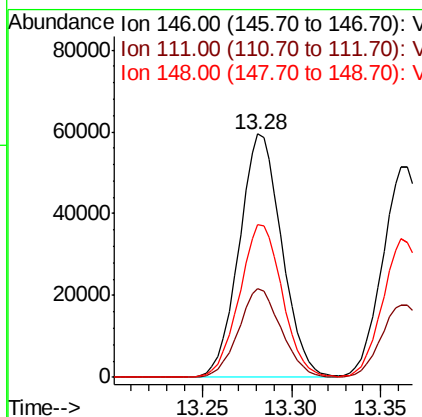
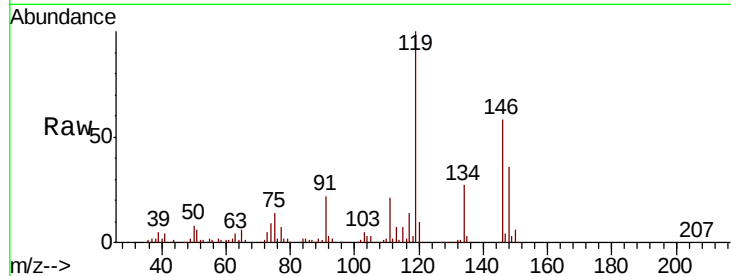




#83
 1,3-Dichlorobenzene
 Concen: 19.593 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

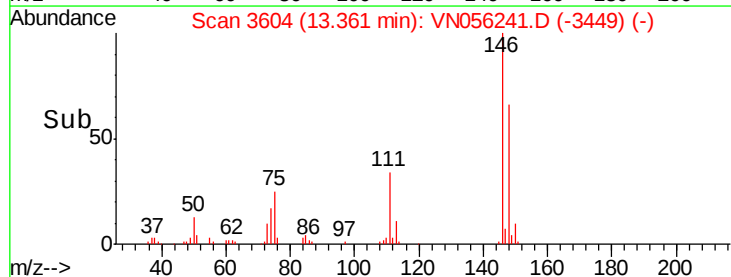
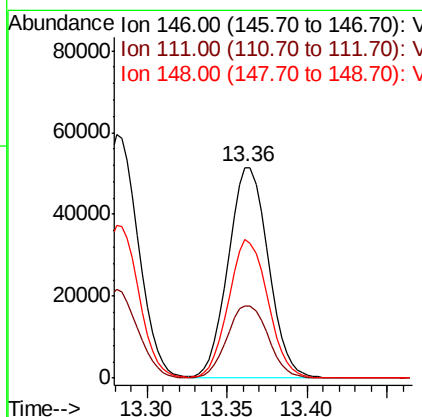
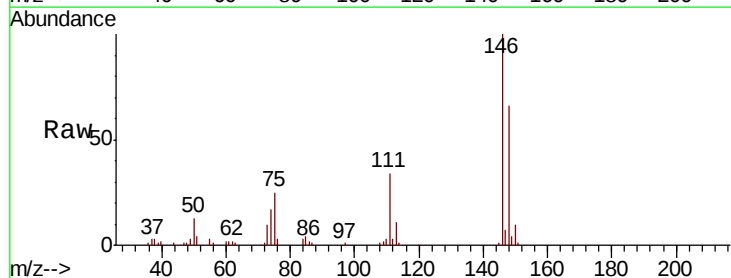
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBSD01

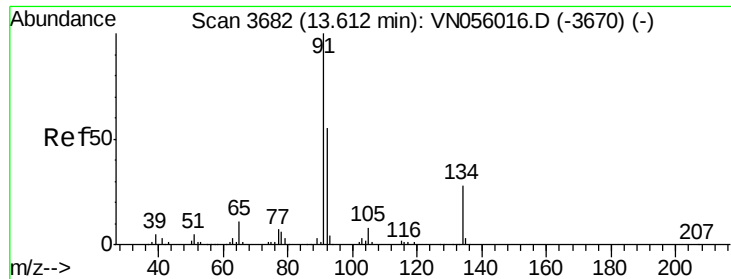
Tot Ion:146 Resp: 99375
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.2 54.6
 148 63.1 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.314 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056241.D
 Acq: 12 Jun 2019 11:37

Tgt Ion:146 Resp: 88479
 Ion Ratio Lower Upper
 146 100
 111 35.1 17.6 52.9
 148 63.7 32.1 96.3

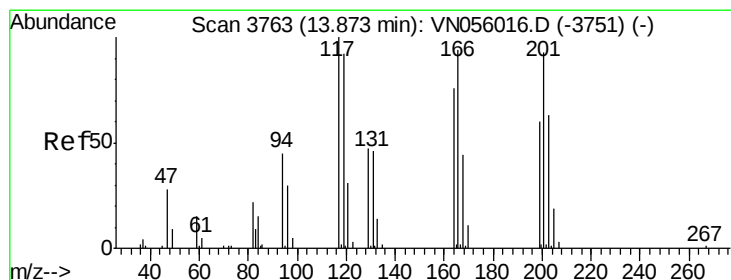
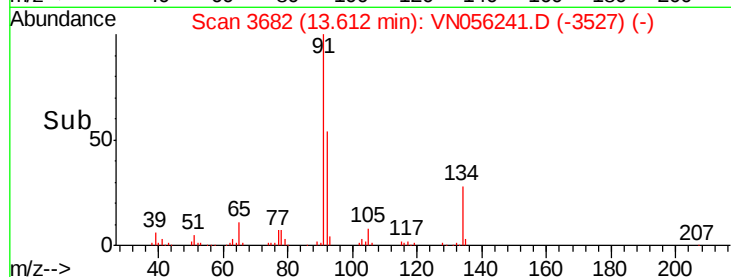
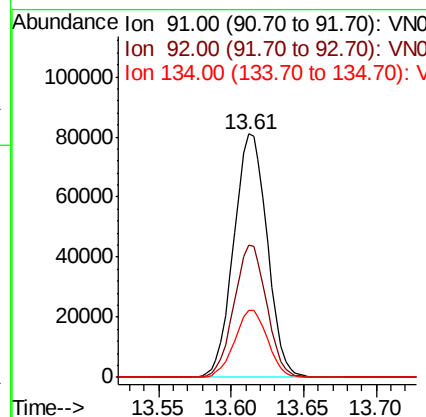
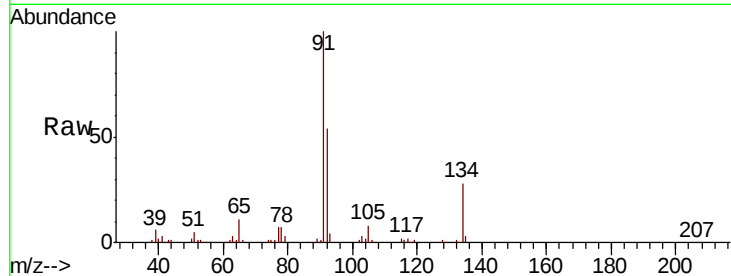




#85
n-Butylbenzene
Concen: 16.993 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

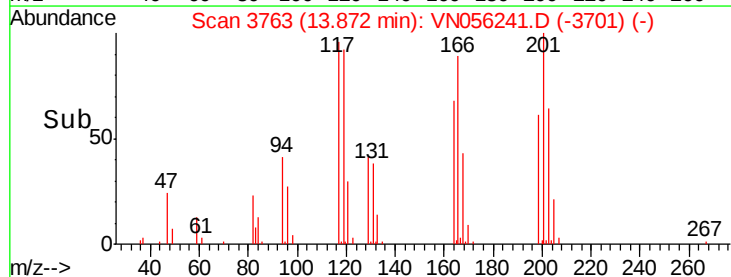
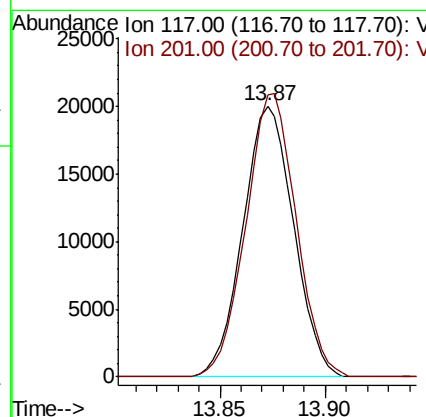
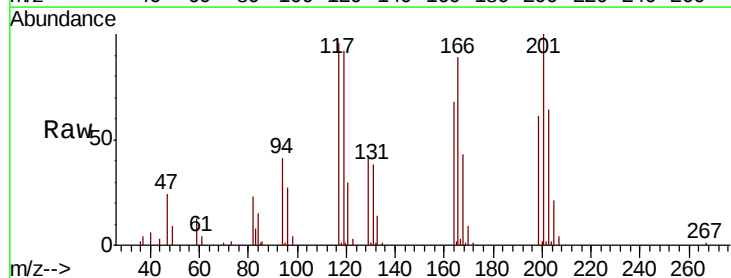
Instrument :
MSVOA_N
ClientSampleID :
VN0612WBSD01

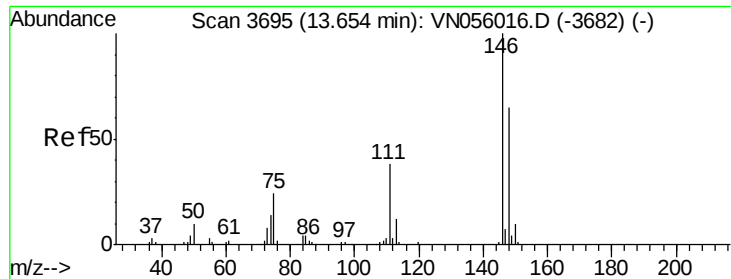
Tot Ion: 91 Resp: 129614
Ion Ratio Lower Upper
91 100
92 52.7 0.0 107.2
134 27.2 0.0 55.8



#86
Hexachloroethane
Concen: 21.050 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 117 Resp: 33538
Ion Ratio Lower Upper
117 100
201 103.6 48.1 144.4





#87

1,2-Dichlorobenzene

Concen: 19.634 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBSD01

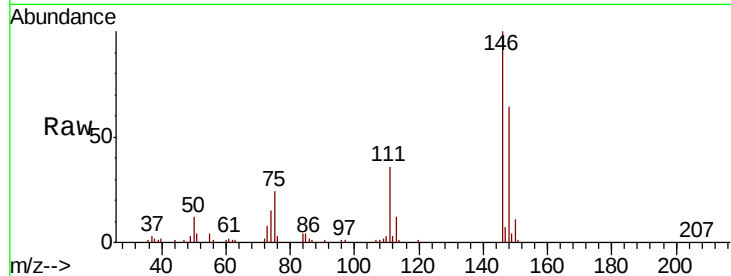
Tot Ion:146 Resp: 101223

Ion Ratio Lower Upper

146 100

111 37.1 19.3 57.9

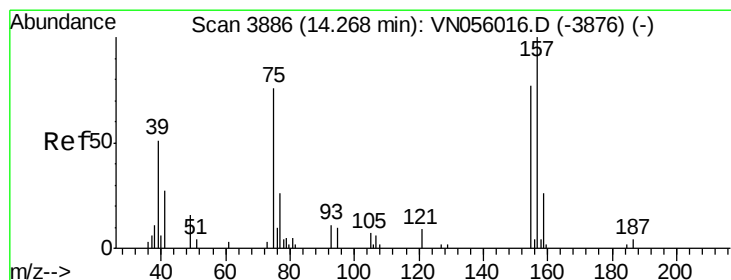
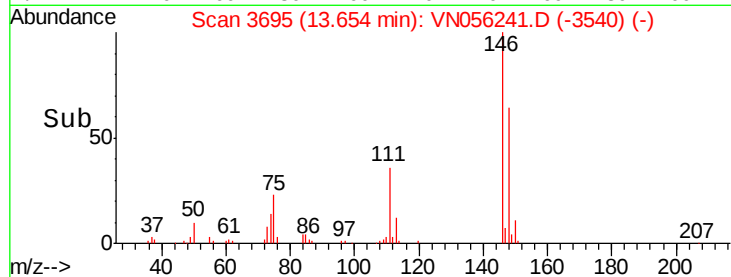
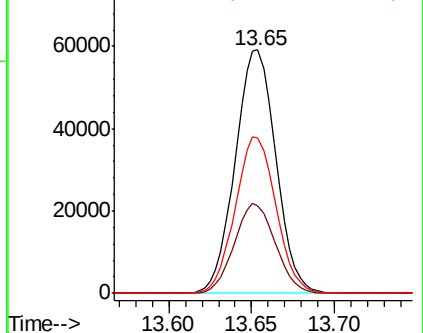
148 64.2 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.786 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056241.D

Acq: 12 Jun 2019 11:37

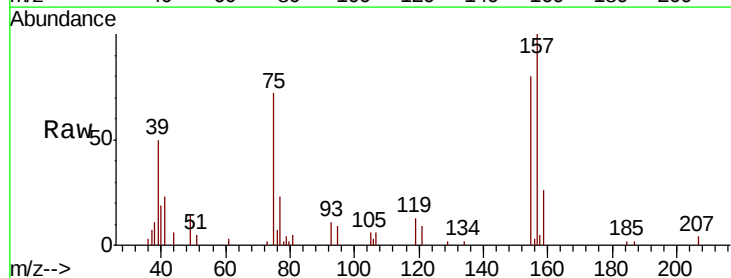
Tgt Ion: 75 Resp: 10901

Ion Ratio Lower Upper

75 100

155 109.0 82.5 123.7

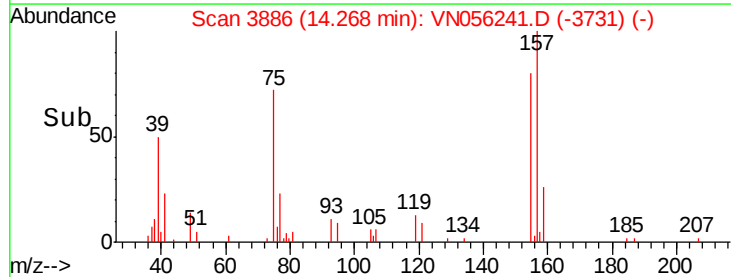
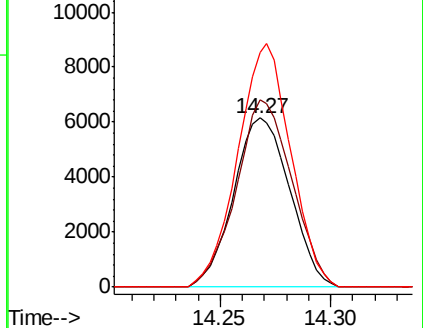
157 134.8 105.1 157.7

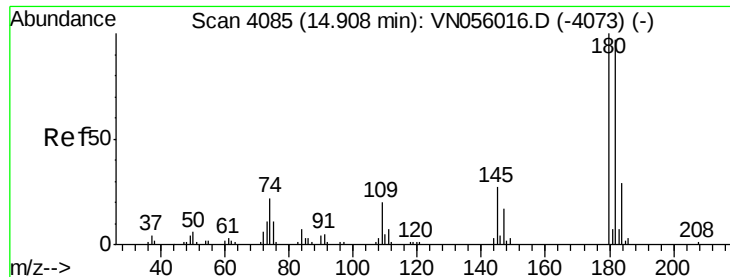


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

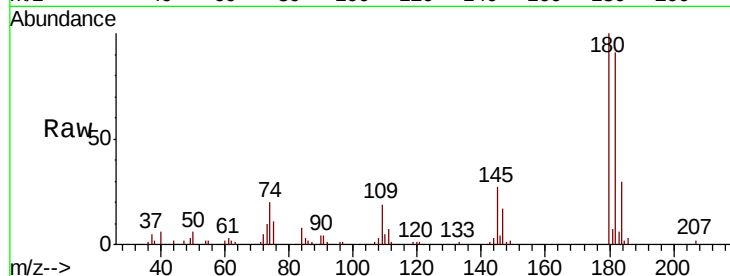




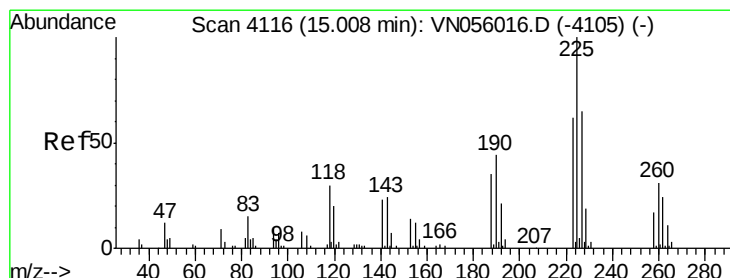
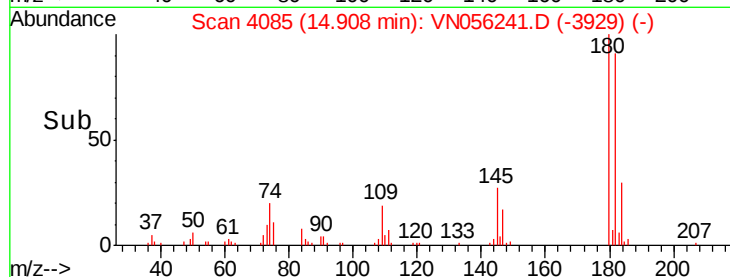
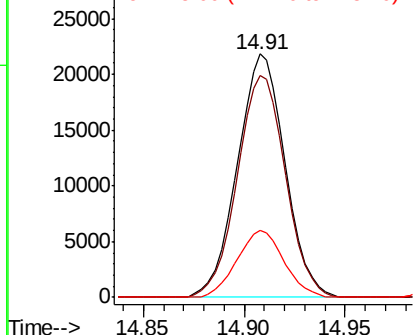
#89
1,2,4-Trichlorobenzene
Concen: 18.533 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion:180 Resp: 36082
Ion Ratio Lower Upper
180 100
182 92.2 75.0 112.6
145 27.0 22.1 33.1

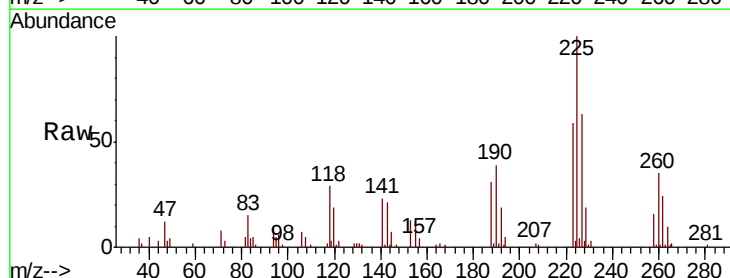


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

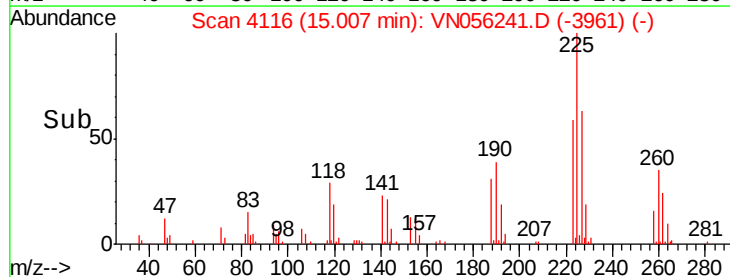
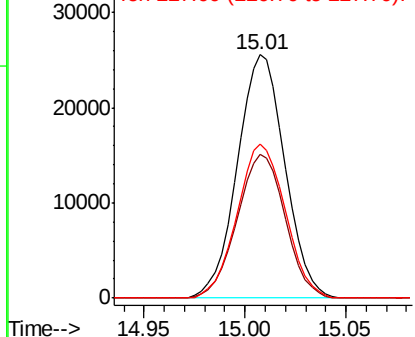


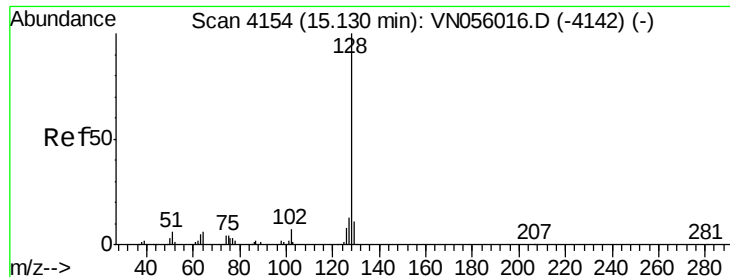
#90
Hexachlorobutadiene
Concen: 22.397 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion:225 Resp: 42151
Ion Ratio Lower Upper
225 100
223 59.7 0.0 125.6
227 64.0 0.0 128.6



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

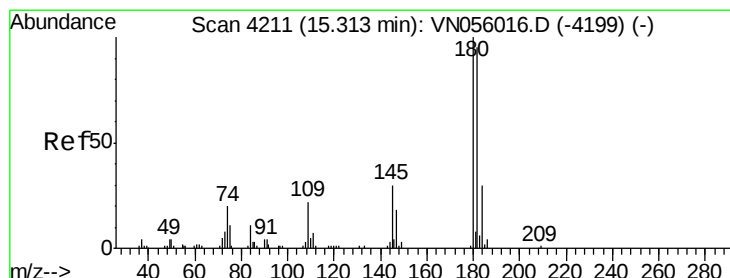
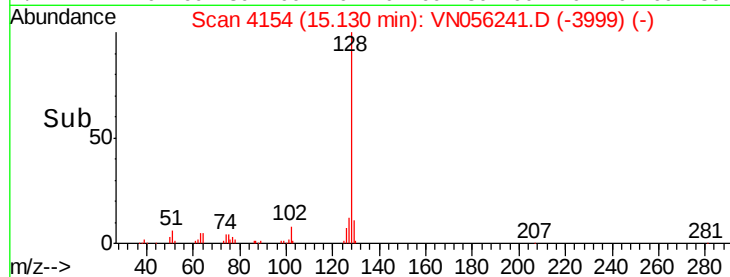
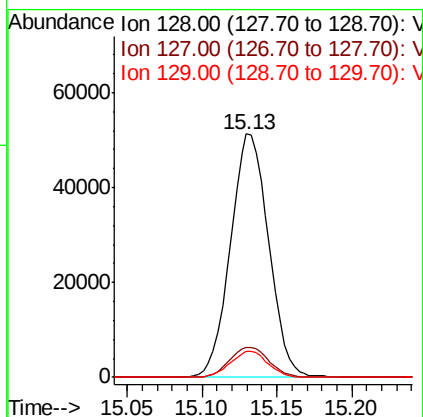
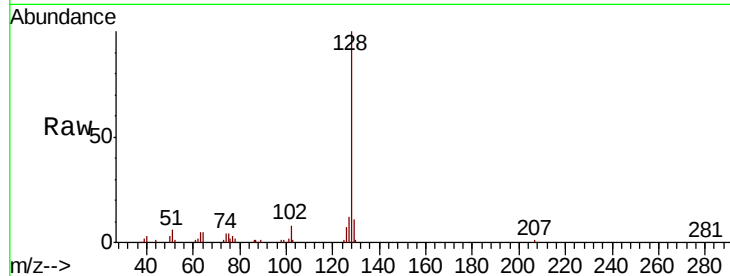




#91
Naphthalene
Concen: 13.326 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBSD01

Tot Ion:128 Resp: 91241
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.6 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 15.877 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN056241.D
Acq: 12 Jun 2019 11:37

Tgt Ion:180 Resp: 42845
Ion Ratio Lower Upper
180 100
182 96.3 0.0 193.4
145 28.0 0.0 59.8

