

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060619\
 Data File : VN056025.D
 Acq On : 5 Jun 2019 23:53
 Operator : JC/SP
 Sample : VN0606WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

Quant Time: Jun 06 04:12:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	56414	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	301568	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	261511	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	105723	30.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.60%
60) 4-Bromofluorobenzene	12.40	95	114356	29.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.33%
63) Toluene-d8	10.09	98	366498	30.89	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	65559	20.662	ug/l 100
3) Chloromethane	2.06	50	75023	20.237	ug/l 99
4) Vinyl Chloride	2.18	62	75418	19.953	ug/l 97
5) Bromomethane	2.54	94	48403	20.376	ug/l 98
6) Chloroethane	2.69	64	45087	21.089	ug/l 94
7) Trichlorofluoromethane	3.01	101	91318	19.526	ug/l 97
8) Diethyl Ether	3.40	74	38793	19.559	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	55800	19.329	ug/l 99
10) 1,1-Dichloroethene	3.72	96	59176	20.095	ug/l 94
11) Methyl Iodide	3.94	142	70015	15.070	ug/l 99
12) Methyl Acetate	4.33	43	69461	19.629	ug/l 99
13) Acrolein	3.60	56	17913	103.856	ug/l 99
14) Acrylonitrile	4.99	53	156137	98.941	ug/l 100
15) Acetone	3.82	58	43103	83.418	ug/l 100
16) Carbon Disulfide	4.04	76	129281	18.451	ug/l 99
17) Allyl chloride	4.31	41	87775	19.238	ug/l 99
18) Methylene Chloride	4.54	84	67645	19.842	ug/l 97
19) trans-1,2-Dichloroethene	5.03	96	61446	19.548	ug/l 98
20) Diisopropyl ether	5.95	45	187212	19.804	ug/l 99
21) 1,1-Dichloroethane	5.84	63	107146	19.503	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	73333	19.988	ug/l 97
23) tert-Butyl Alcohol	4.81	59	52401	85.309	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	187109	19.937	ug/l 98
25) Chloroform	7.37	83	109388	19.940	ug/l 100
26) Cyclohexane	7.65	56	99390	19.500	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	80512	19.737	ug/l 99
30) 2-Butanone	6.84	43	201131	93.658	ug/l 99
31) 2,2-Dichloropropane	6.82	77	63974	16.858	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	89114	19.773	ug/l 99
33) Carbon Tetrachloride	7.77	117	72298	18.934	ug/l 98
34) Benzene	8.04	78	261095	20.088	ug/l 99
35) Methacrylonitrile	7.17	41	41055	22.639	ug/l 97
36) 1,2-Dichloroethane	8.12	62	80724	19.828	ug/l 100
37) Trichloroethene	8.83	130	71771	19.734	ug/l 96
38) Methylcyclohexane	9.08	83	99324	19.206	ug/l 98
39) 1,2-Dichloropropane	9.12	63	66169	19.878	ug/l 94
40) Dibromomethane	9.21	93	43811	19.850	ug/l 100

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

Quant Time: Jun 06 04:12:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	76327	19.313	ug/l	99
42) Vinyl Acetate	5.90	43	760182	99.290	ug/l	100
43) Ethyl Acetate	6.93	43	79501	19.343	ug/l	94
44) Isopropyl Acetate	8.17	43	124406	19.495	ug/l	98
45) 1,4-Dioxane	9.20	88	25761	377.372	ug/l	96
46) Methyl methacrylate	9.20	41	59692	18.829	ug/l	98
47) n-amyl Acetate	12.07	43	100729	19.087	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	76289	18.342	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	91344	18.755	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	65266	19.909	ug/l	98
51) Ethyl methacrylate	10.43	69	95094	19.174	ug/l	99
52) 1,3-Dichloropropane	10.71	76	106293	20.000	ug/l	100
53) Dibromochloromethane	10.90	129	58731	18.301	ug/l	100
54) 1,2-Dibromoethane	11.00	107	67465	19.722	ug/l	98
55) 2-Chloroethyl vinyl ether	9.69	63	156334	89.992	ug/l	100
56) Bromoform	12.13	173	39817	17.151	ug/l #	97
58) 4-Methyl-2-Pentanone	9.99	43	400115	101.041	ug/l	100
59) 2-Hexanone	10.75	43	275528	97.348	ug/l	99
61) Tetrachloroethene	10.63	164	75460	20.704	ug/l	98
62) Toluene	10.16	91	284010	20.118	ug/l	99
64) Chlorobenzene	11.43	112	169645	19.811	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	60486	19.589	ug/l	99
66) Ethyl Benzene	11.51	91	300028	19.953	ug/l	100
67) m/p-Xylenes	11.62	106	228384	39.682	ug/l	99
68) o-Xylene	11.95	106	112850	20.028	ug/l	98
69) Styrene	11.96	104	177752	19.417	ug/l	100
70) Isopropylbenzene	12.25	105	297988	20.242	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	88137	19.858	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	100230	26.086	ug/l	70
73) Bromobenzene	12.53	156	77186	19.753	ug/l	99
74) n-propylbenzene	12.59	91	304304	19.587	ug/l	99
75) 2-Chlorotoluene	12.67	91	191221	19.844	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	238970	19.734	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	17575	16.030	ug/l	90
78) 4-Chlorotoluene	12.77	91	172220	19.137	ug/l	99
79) tert-butylbenzene	12.99	119	221159	20.614	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	233482	19.821	ug/l	99
81) sec-Butylbenzene	13.17	105	268487	19.783	ug/l	99
82) p-Isopropyltoluene	13.29	119	240720	19.618	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	115777	19.012	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	104357	17.991	ug/l	100
85) n-Butylbenzene	13.61	91	165789	18.103	ug/l	98
86) Hexachloroethane	13.87	117	35334	18.471	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	116433	18.810	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12496	17.936	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	45317	18.992	ug/l	100
90) Hexachlorobutadiene	15.01	225	42588	18.847	ug/l	99
91) Naphthalene	15.13	128	125265	15.238	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	53224	16.427	ug/l	97

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ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jun 06 04:12:53 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

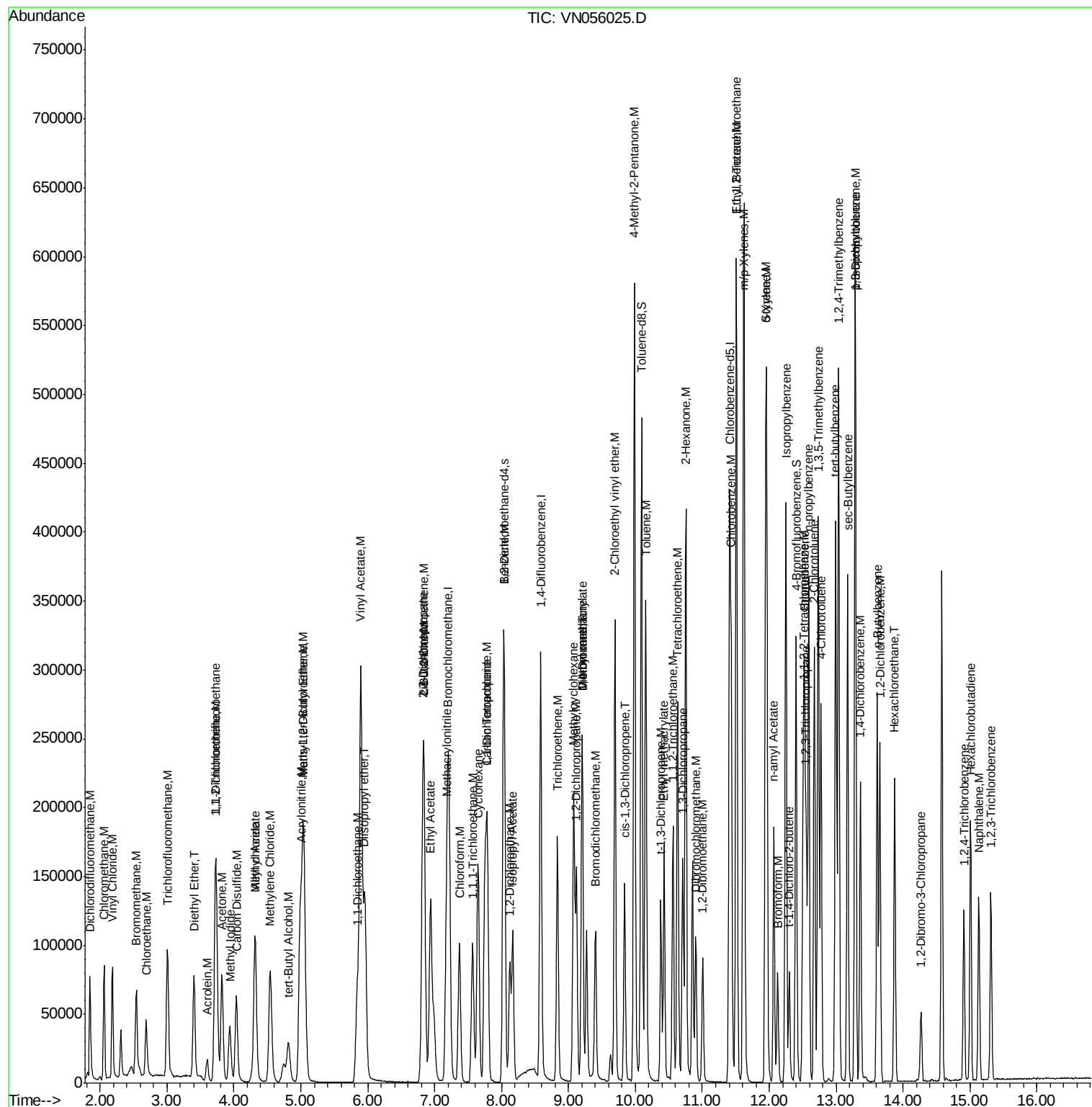
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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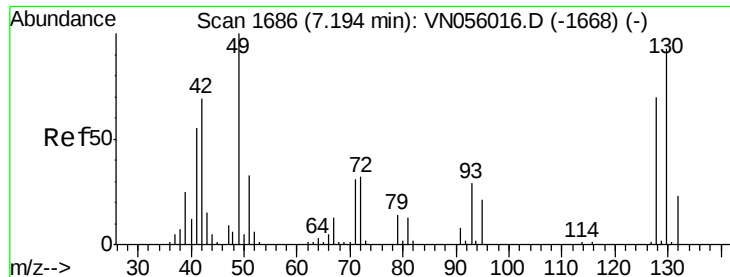
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060619\
Data File : VN056025.D
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Operator : JC/SP
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Quant Time: Jun 06 04:12:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

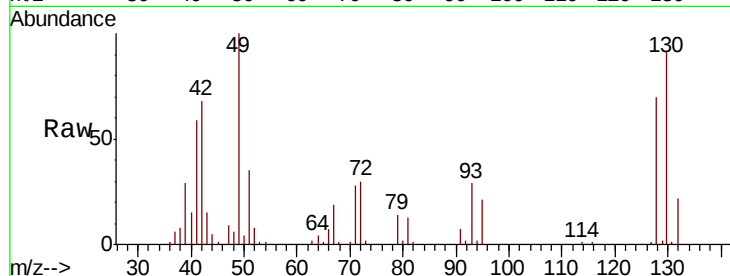
Tot Ion:128 Resp: 56414

Ion Ratio Lower Upper

128 100

49 142.6 0.0 355.8

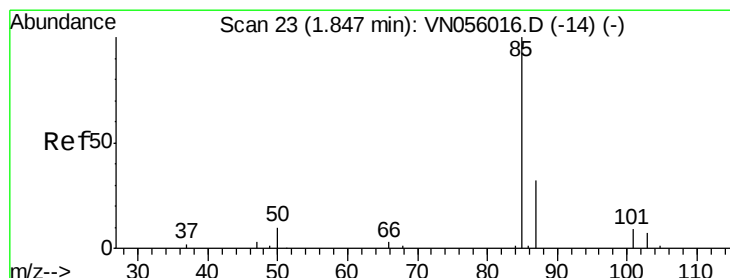
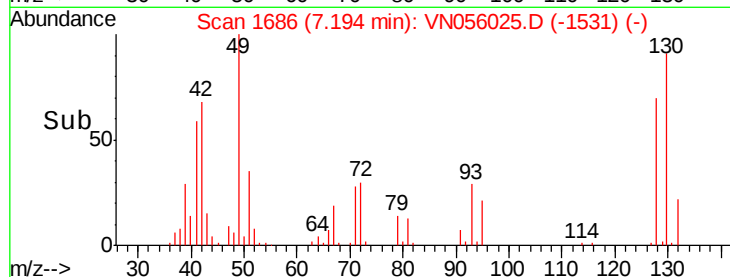
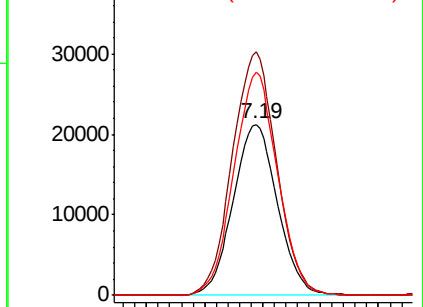
130 128.7 0.0 326.3



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: 20.662 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056025.D

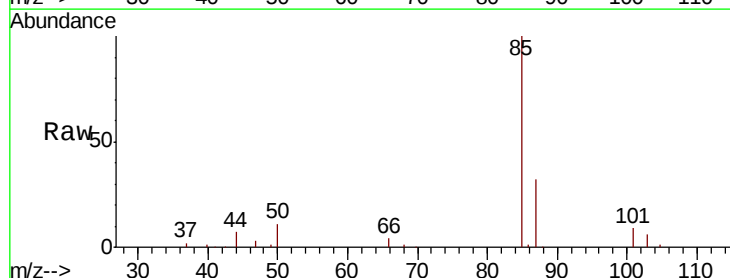
Acq: 5 Jun 2019 23:53

Tgt Ion: 85 Resp: 65559

Ion Ratio Lower Upper

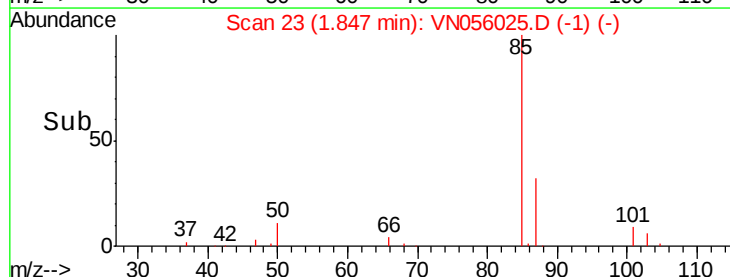
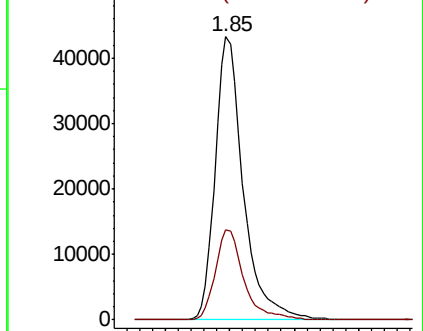
85 100

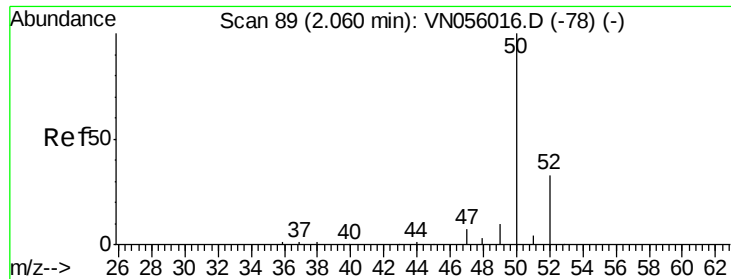
87 31.9 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.237 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampled :

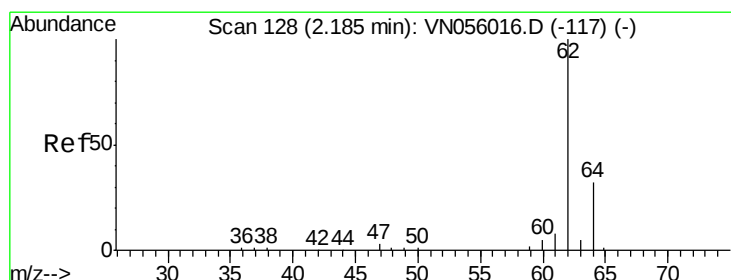
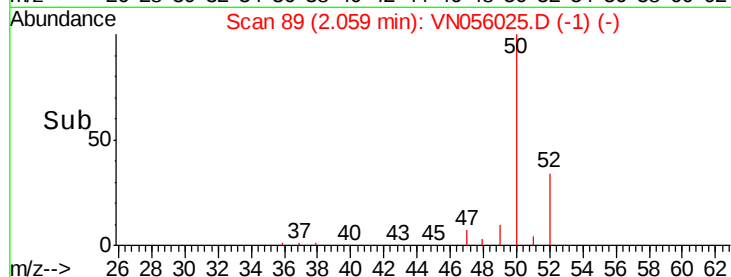
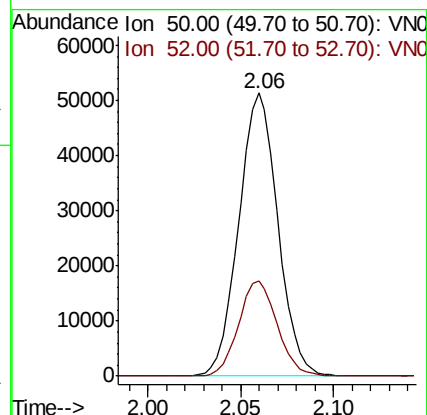
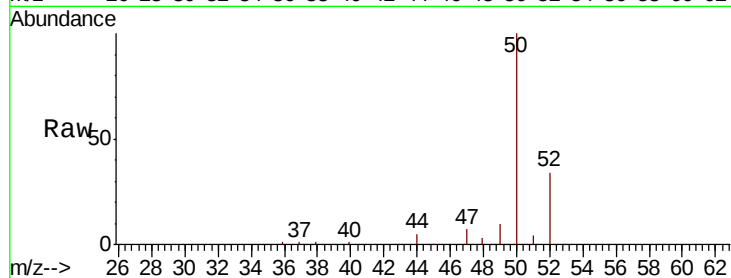
VN0606WBS01

Tot Ion: 50 Resp: 75023

Ion Ratio Lower Upper

50 100

52 33.8 26.7 40.1



#4

Vinyl Chloride

Concen: 19.953 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056025.D

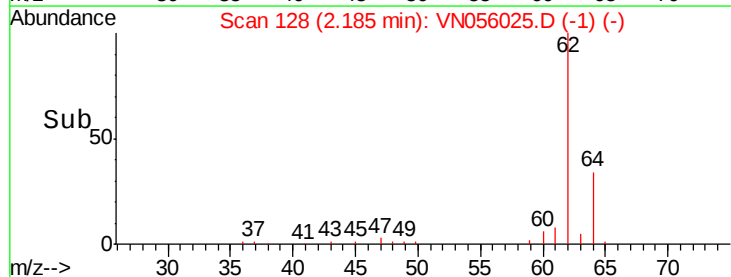
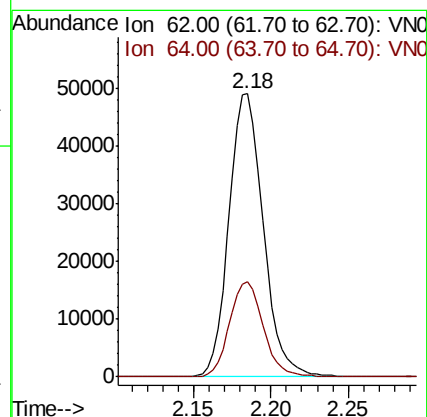
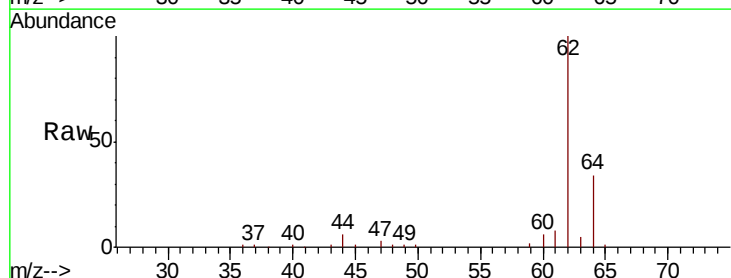
Acq: 5 Jun 2019 23:53

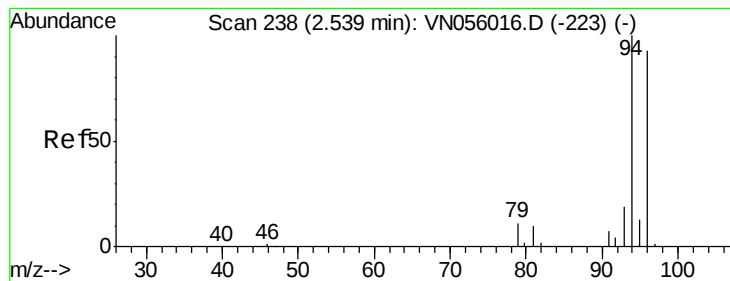
Tgt Ion: 62 Resp: 75418

Ion Ratio Lower Upper

62 100

64 33.7 25.8 38.8





#5

Bromomethane

Concen: 20.376 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampled :

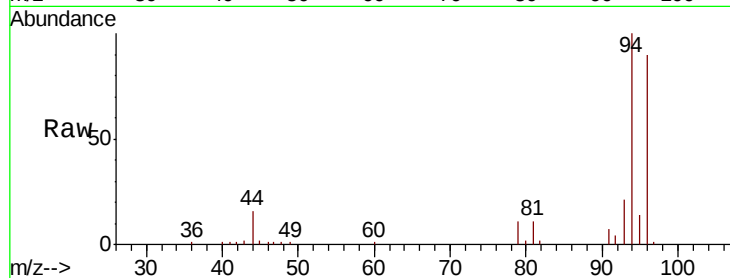
VN0606WBS01

Tot Ion: 94 Resp: 48403

Ion Ratio Lower Upper

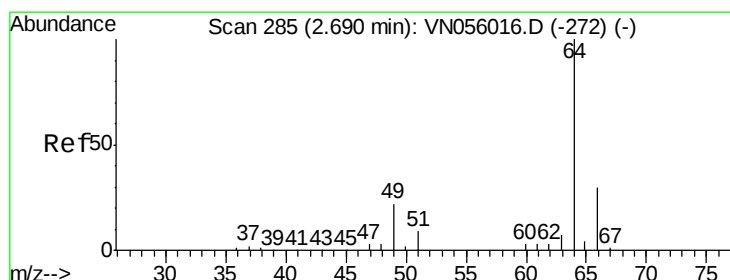
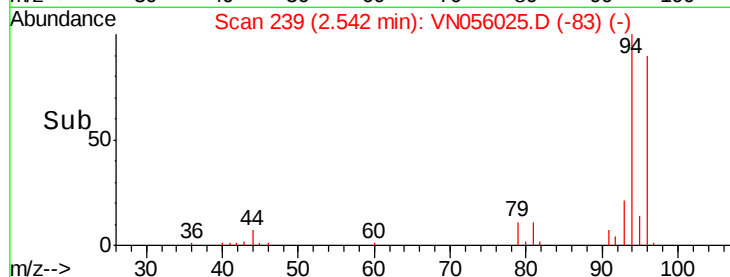
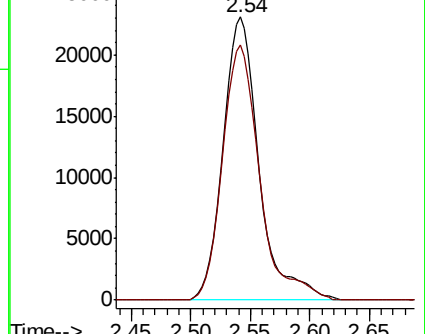
94 100

96 90.3 74.1 111.1



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.089 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.00 min

Lab File: VN056025.D

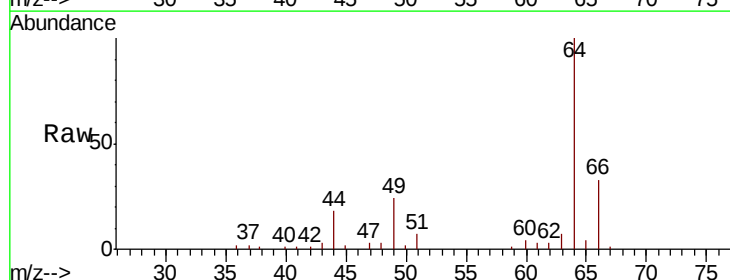
Acq: 5 Jun 2019 23:53

Tgt Ion: 64 Resp: 45087

Ion Ratio Lower Upper

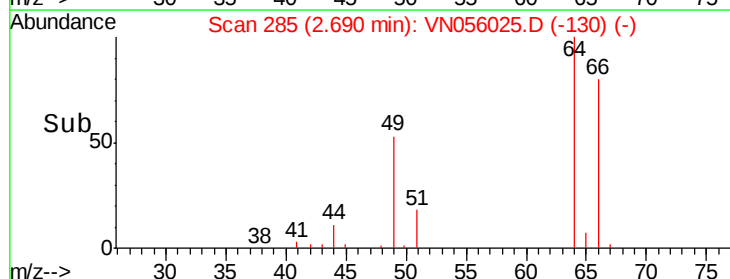
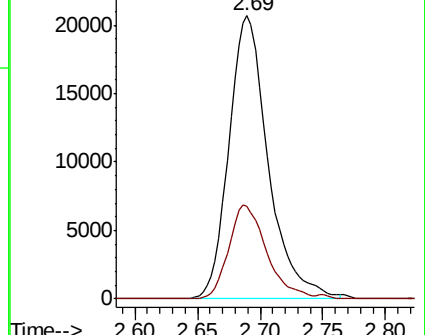
64 100

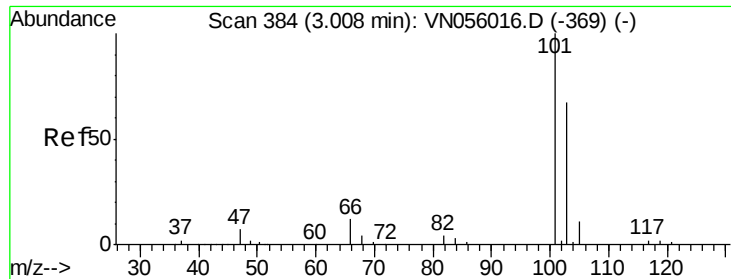
66 32.7 23.7 35.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



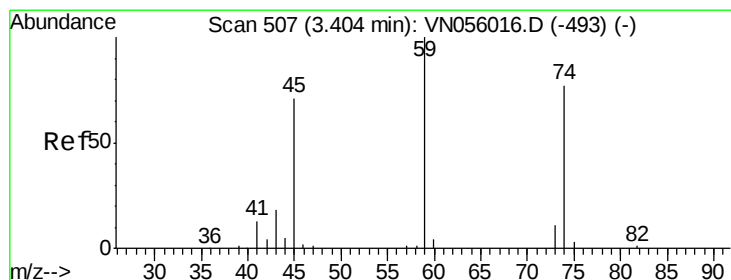
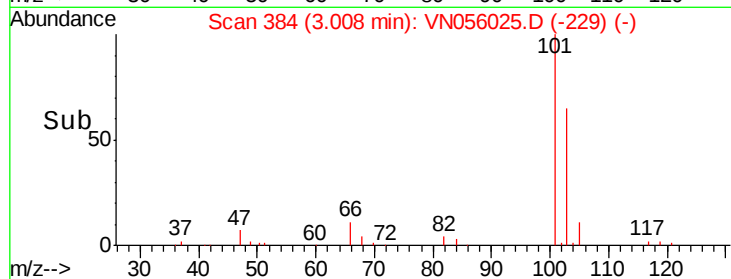
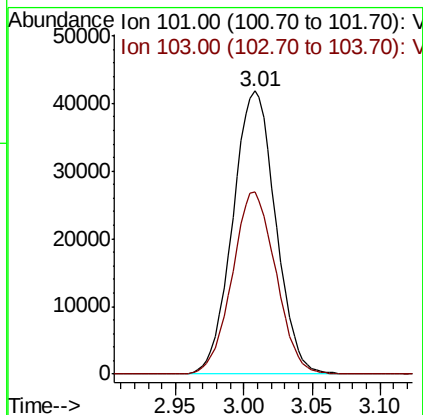
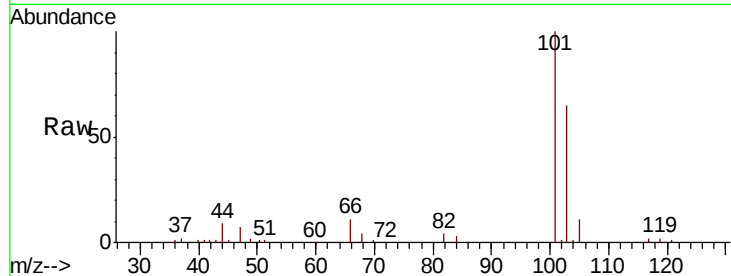


#7

Trichlorofluoromethane
 Concen: 19.526 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

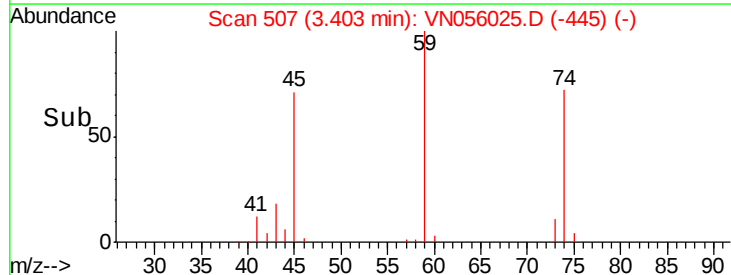
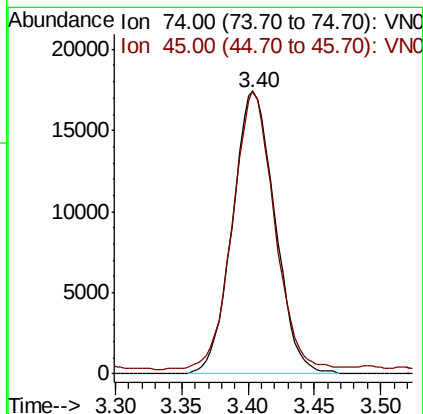
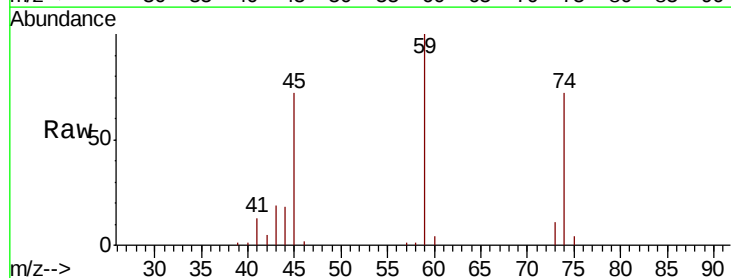
Tot Ion:101 Resp: 91318
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.4 80.0

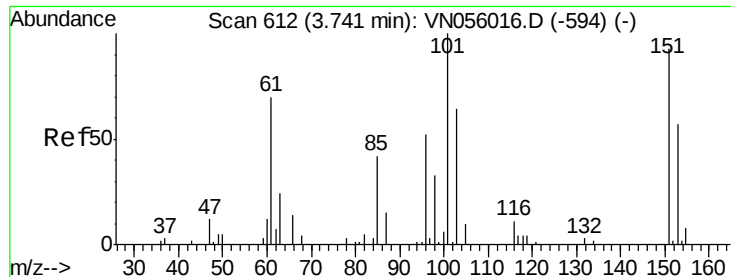


#8

Diethyl Ether
 Concen: 19.559 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion: 74 Resp: 38793
 Ion Ratio Lower Upper
 74 100
 45 96.7 18.8 169.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.329 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

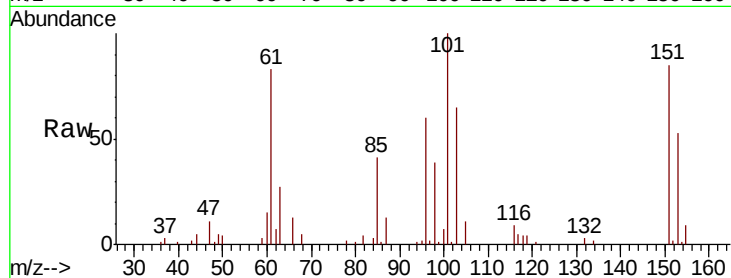
Tot Ion:101 Resp: 55800

Ion Ratio Lower Upper

101 100

85 41.3 0.0 82.0

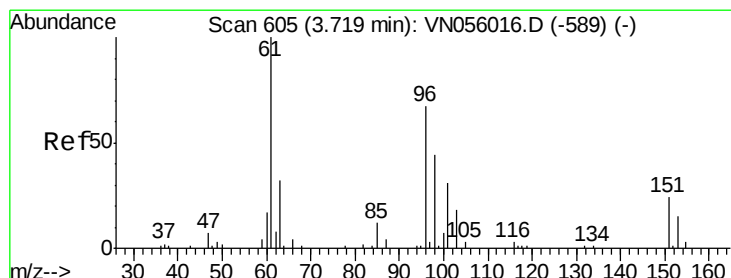
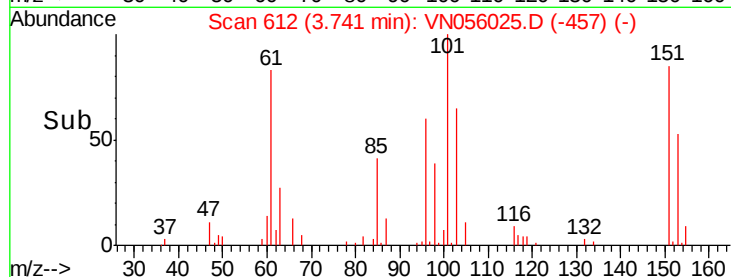
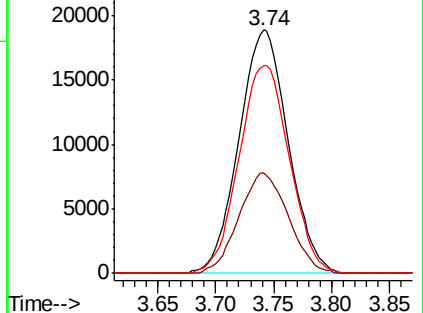
151 87.3 0.0 177.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.095 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

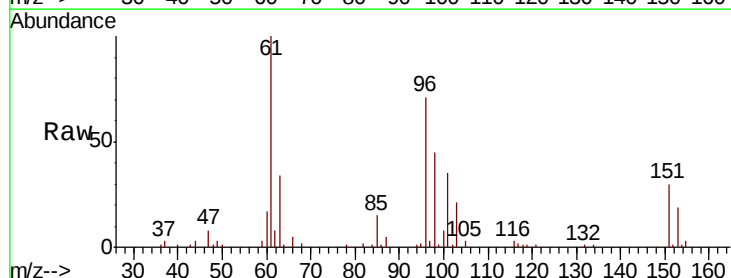
Tgt Ion: 96 Resp: 59176

Ion Ratio Lower Upper

96 100

61 139.9 119.7 179.5

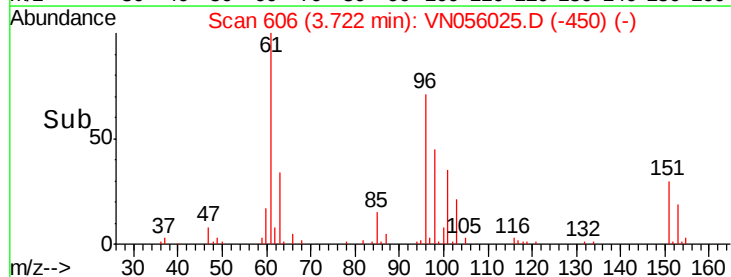
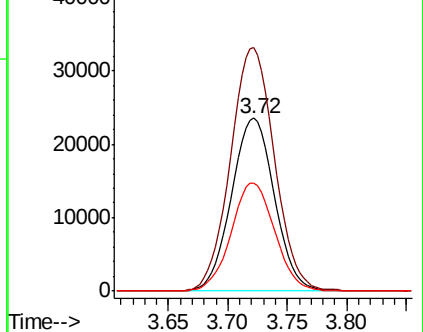
98 62.7 52.3 78.5

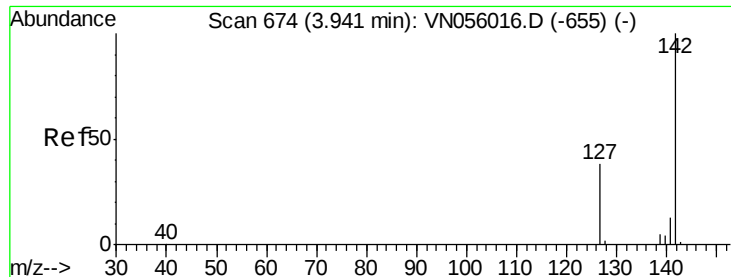


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

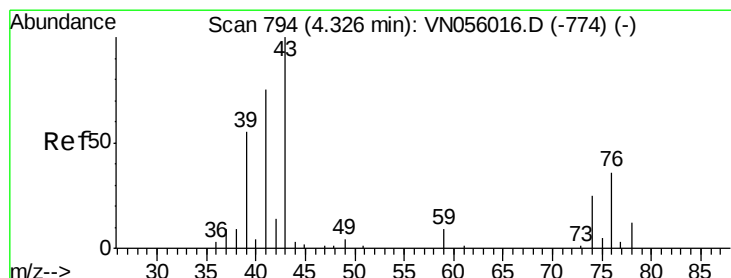
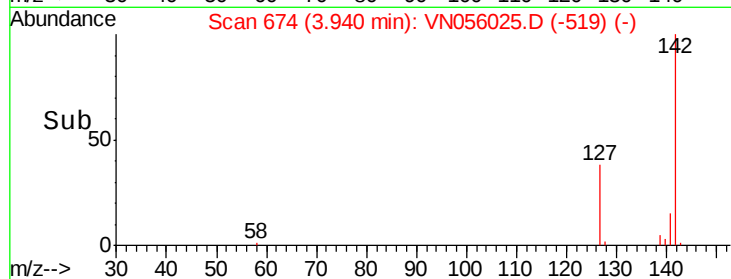
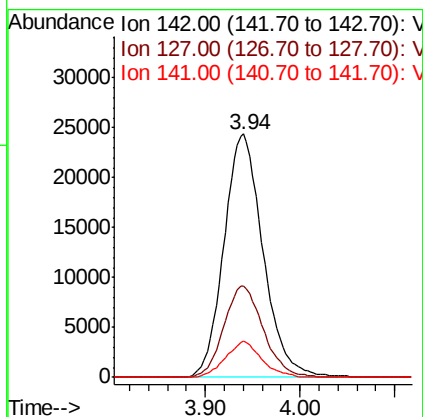
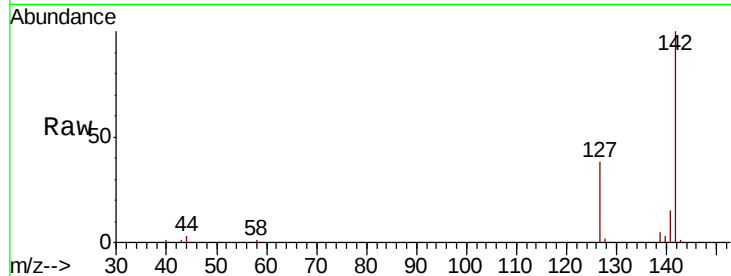




#11
Methvl Iodide
Concen: 15.070 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

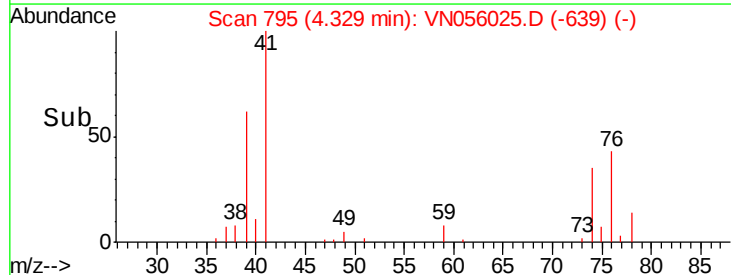
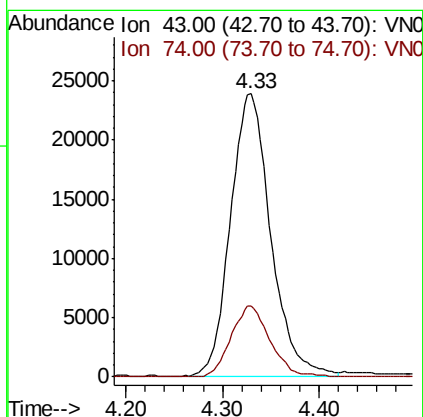
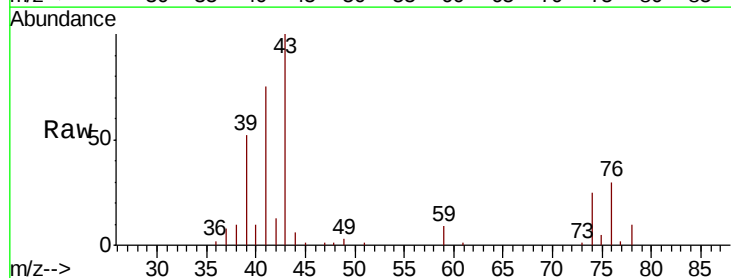
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

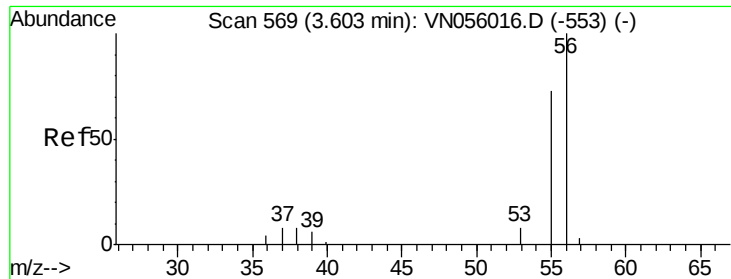
Tot Ion:142 Resp: 70015
Ion Ratio Lower Upper
142 100
127 37.7 19.0 57.0
141 14.8 6.7 20.0



#12
Methyl Acetate
Concen: 19.629 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 43 Resp: 69461
Ion Ratio Lower Upper
43 100
74 25.4 19.9 29.9

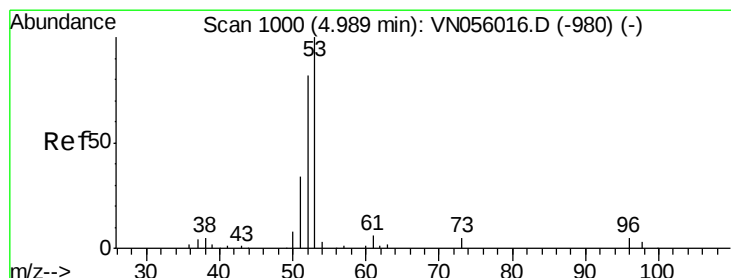
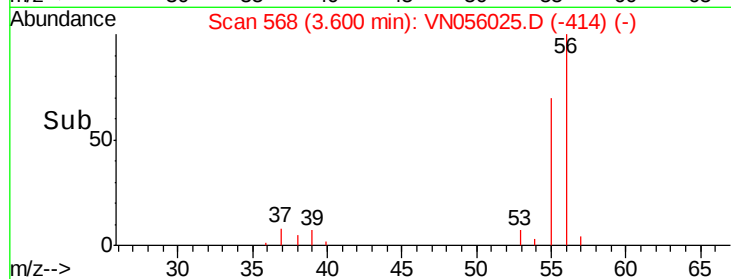
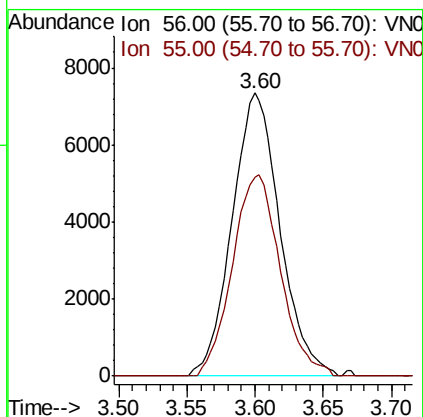
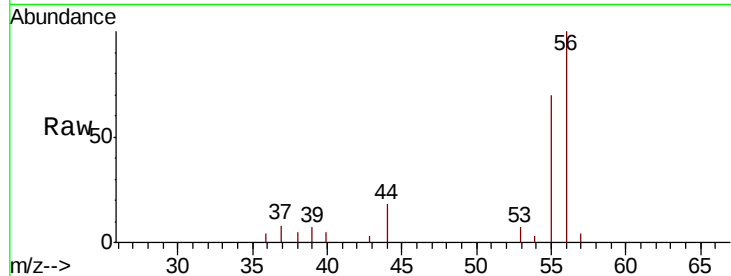




#13
Acrolein
Concen: 103.856 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

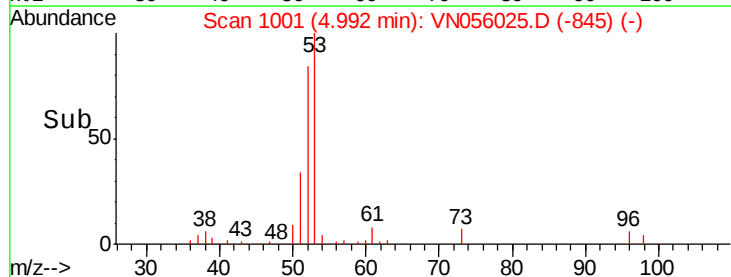
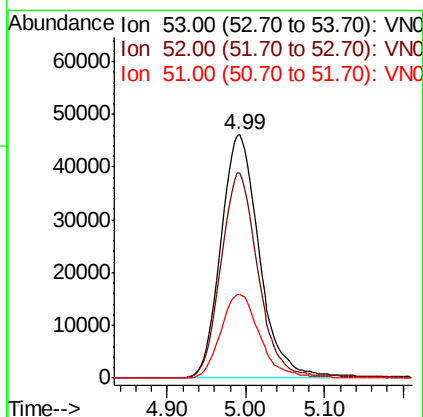
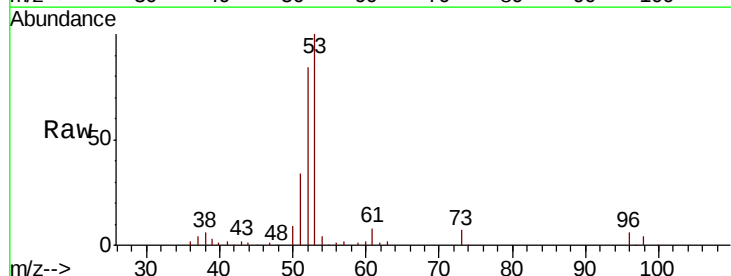
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

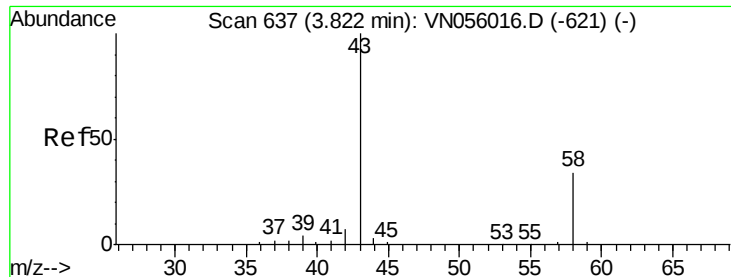
Tot Ion: 56 Resp: 17913
Ion Ratio Lower Upper
56 100
55 71.2 57.9 86.9



#14
Acrylonitrile
Concen: 98.941 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 53 Resp: 156137
Ion Ratio Lower Upper
53 100
52 81.2 40.8 122.2
51 34.8 17.3 52.0





#15

Acetone

Concen: 83.418 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampled :

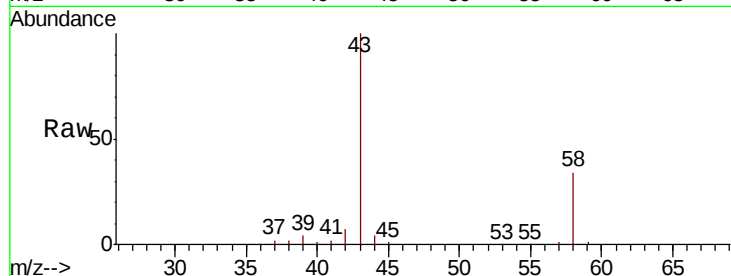
VN0606WBS01

Tot Ion: 58 Resp: 43103

Ion Ratio Lower Upper

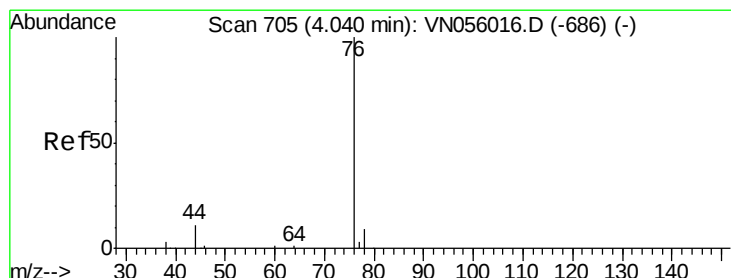
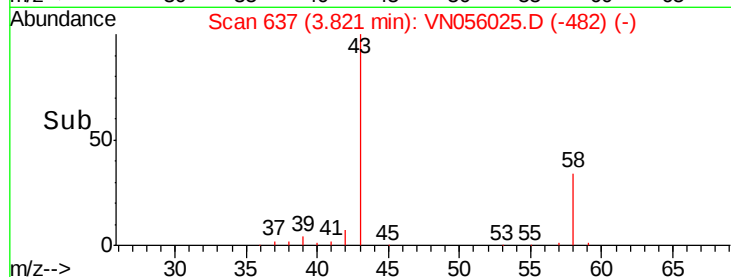
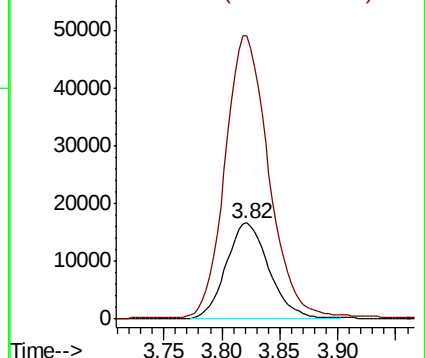
58 100

43 290.3 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 18.451 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056025.D

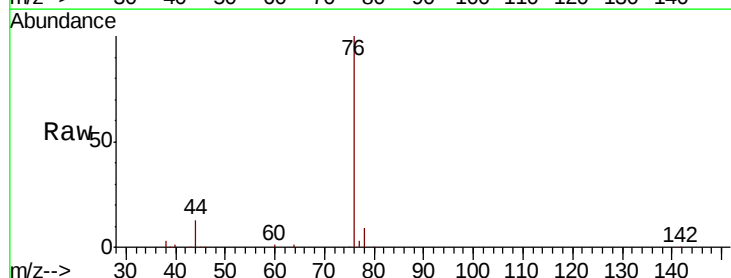
Acq: 5 Jun 2019 23:53

Tgt Ion: 76 Resp: 129281

Ion Ratio Lower Upper

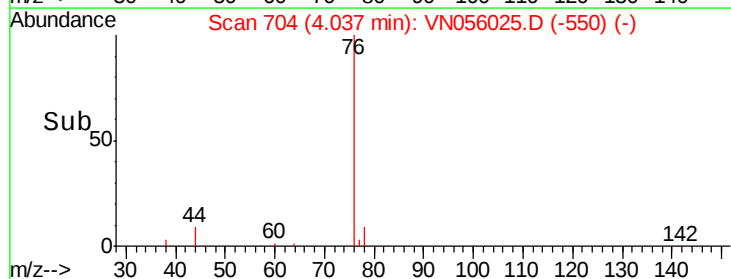
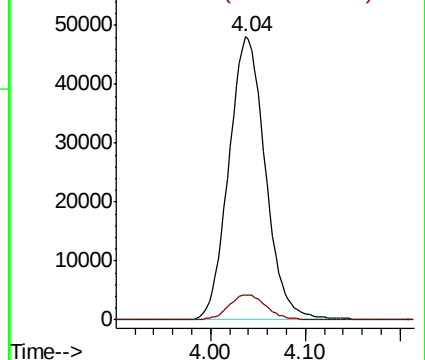
76 100

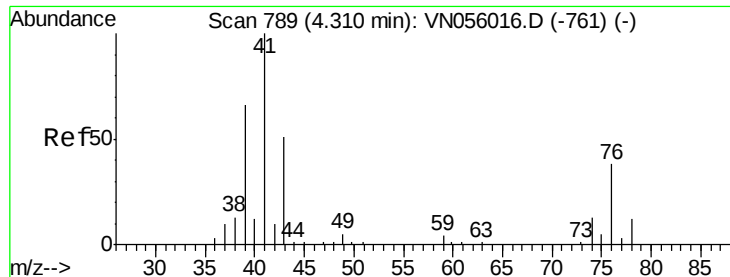
78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

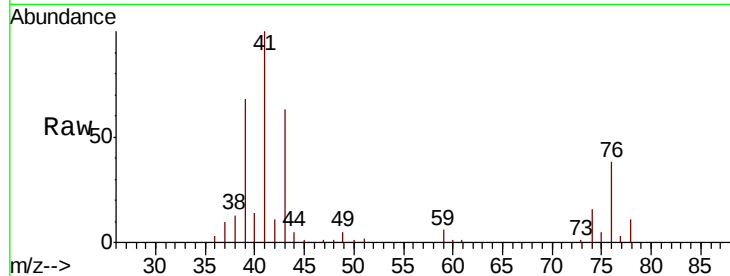




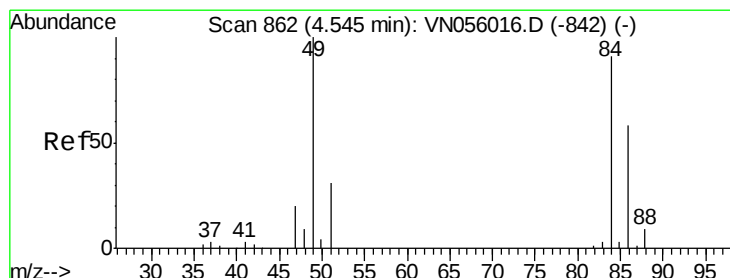
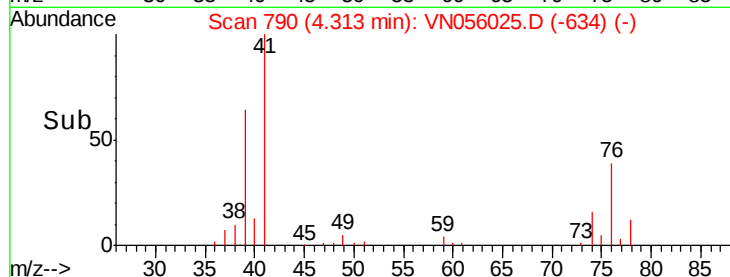
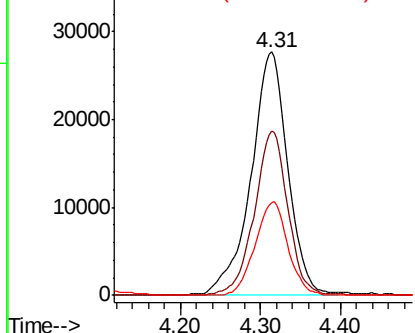
#17
Allvl chloride
Concen: 19.238 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tot Ion: 41 Resp: 87775
Ion Ratio Lower Upper
41 100
39 67.6 33.0 99.0
76 38.0 18.9 56.9



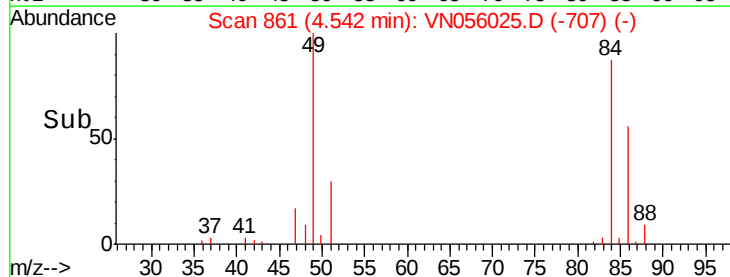
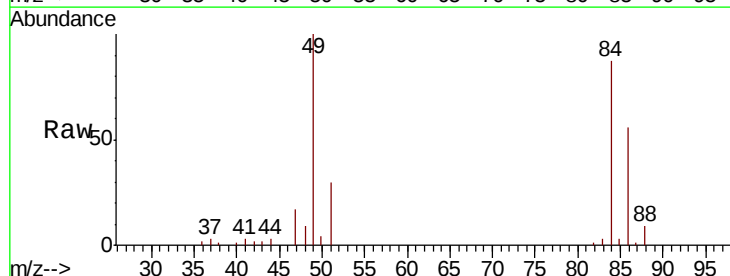
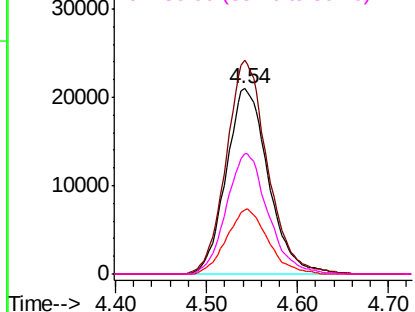
Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 76.00 (75.70 to 76.70): VN0

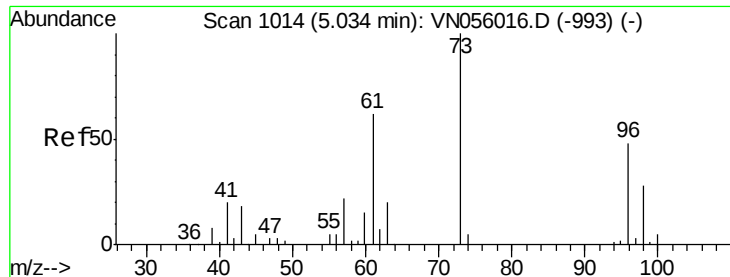


#18
Methylene Chloride
Concen: 19.842 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 84 Resp: 67645
Ion Ratio Lower Upper
84 100
49 114.2 87.6 131.4
51 34.8 27.0 40.4
86 64.8 51.2 76.8

Abundance Ion 84.00 (83.70 to 84.70): VN0
Ion 49.00 (48.70 to 49.70): VN0
Ion 51.00 (50.70 to 51.70): VN0
Ion 86.00 (85.70 to 86.70): VN0

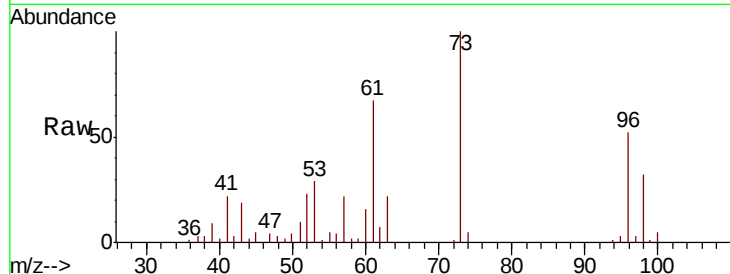




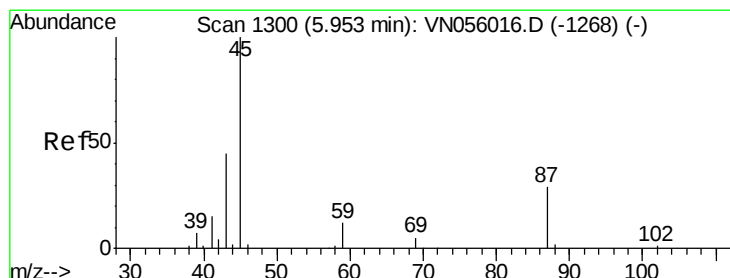
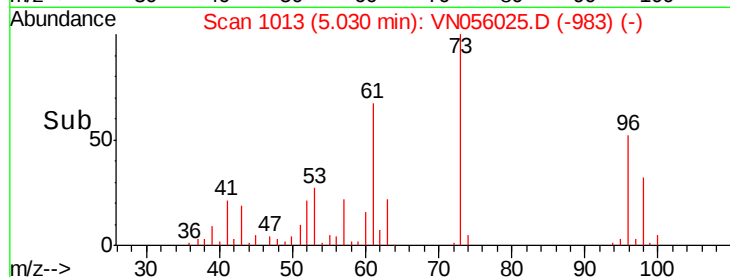
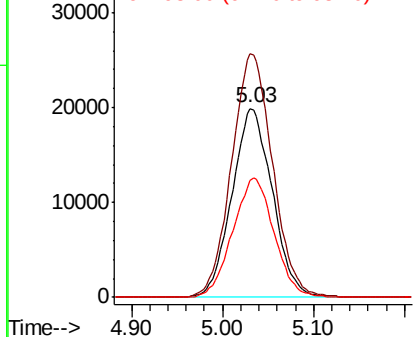
#19
trans-1,2-Dichloroethene
Concen: 19.548 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tot Ion: 96 Resp: 61446
Ion Ratio Lower Upper
96 100
61 129.1 102.5 153.7
98 61.7 46.9 70.3

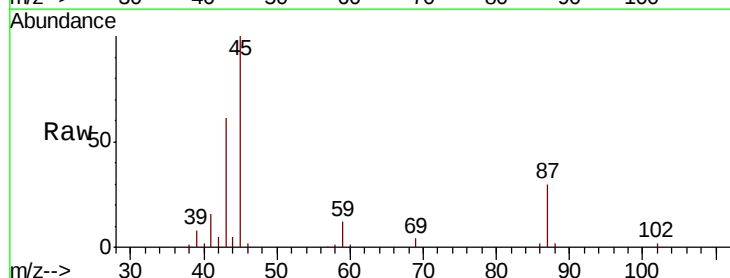


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

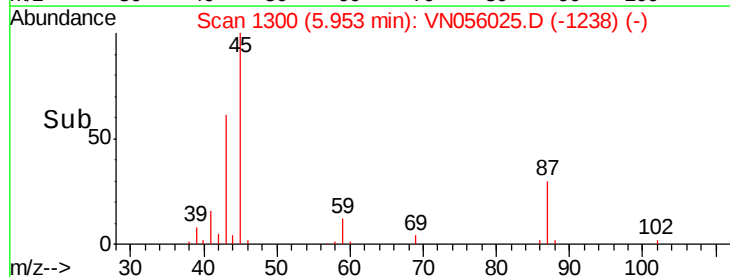
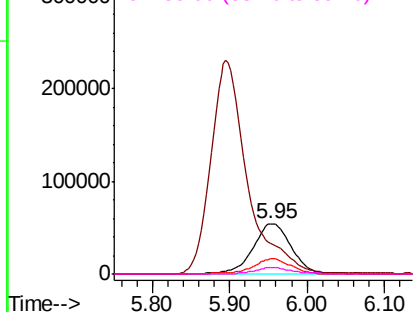


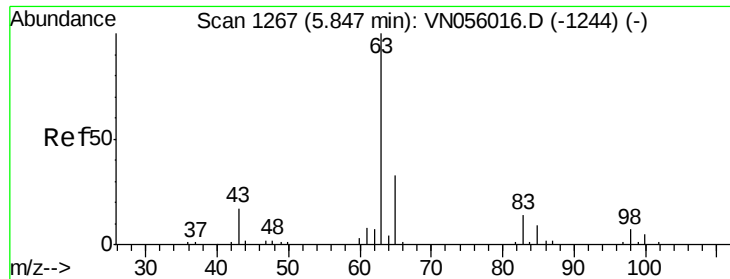
#20
Diisopropyl ether
Concen: 19.804 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 45 Resp: 187212
Ion Ratio Lower Upper
45 100
43 58.5 48.0 72.0
87 29.2 23.4 35.2
59 11.9 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

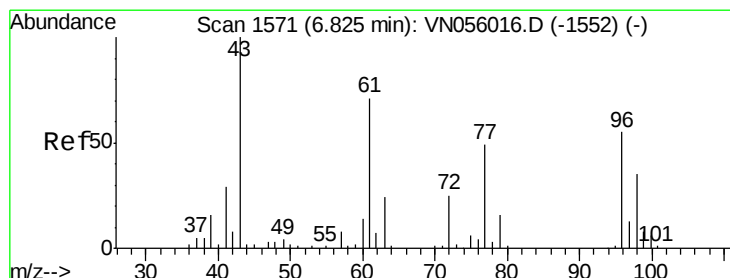
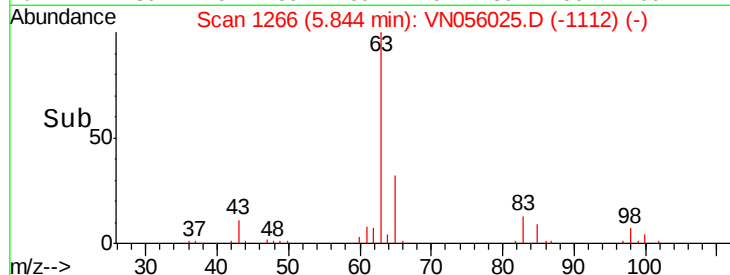
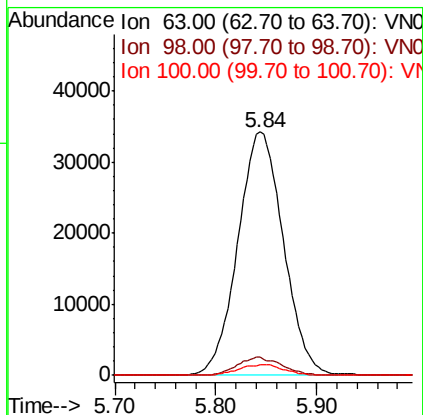
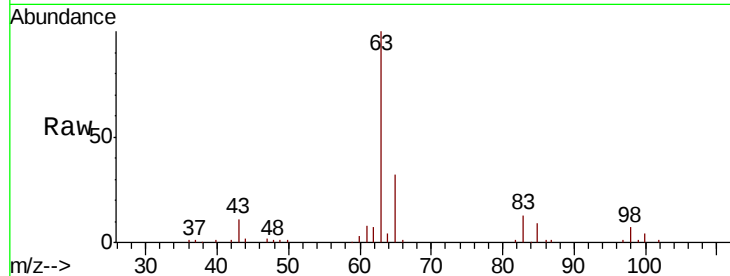




#21
 1,1-Dichloroethane
 Concen: 19.503 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

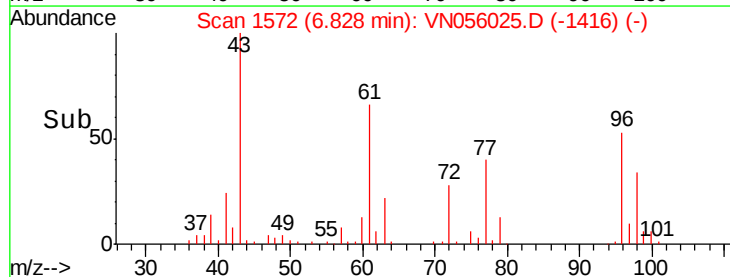
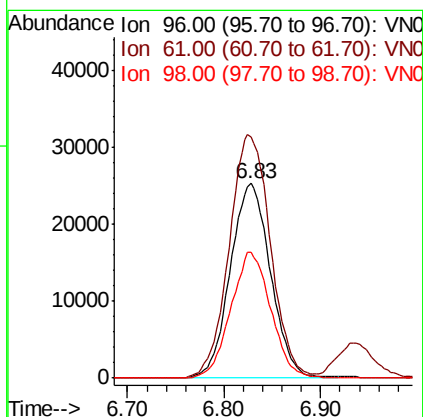
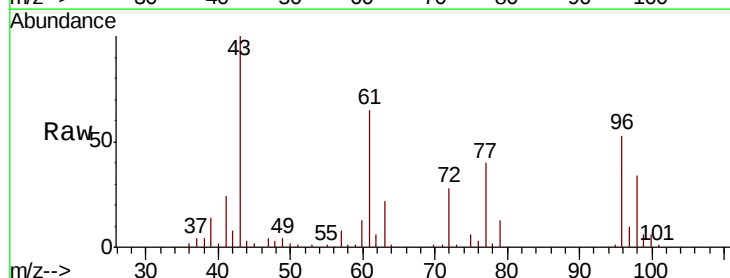
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

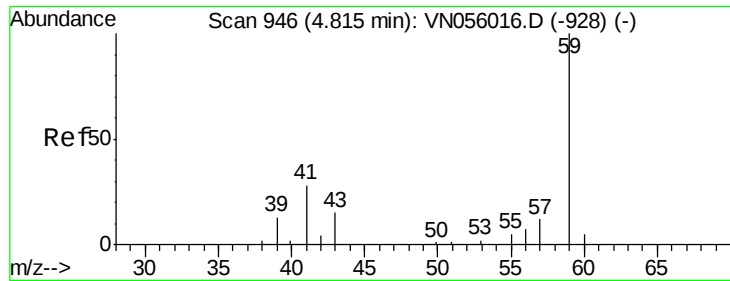
Tot Ion: 63 Resp: 107146
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.2 2.3 6.9



#22
 cis-1,2-Dichloroethene
 Concen: 19.988 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion: 96 Resp: 73333
 Ion Ratio Lower Upper
 96 100
 61 128.3 105.7 158.5
 98 64.0 52.0 78.0



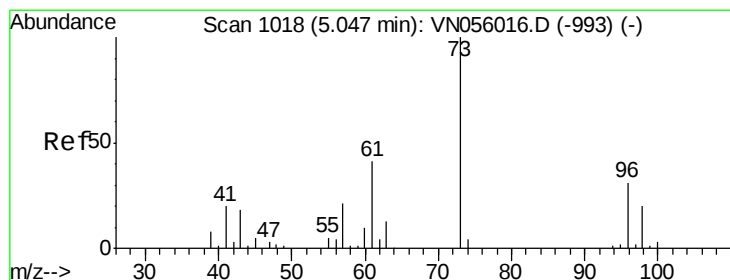
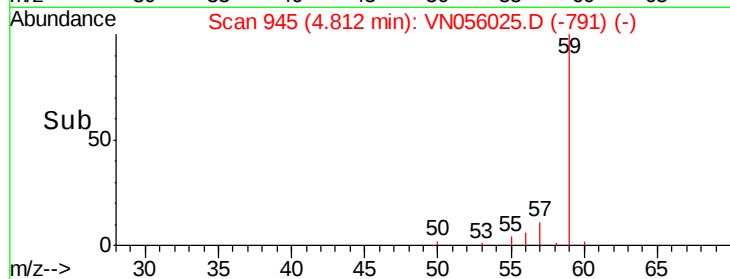
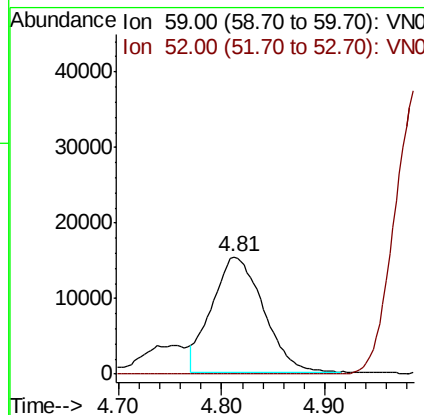
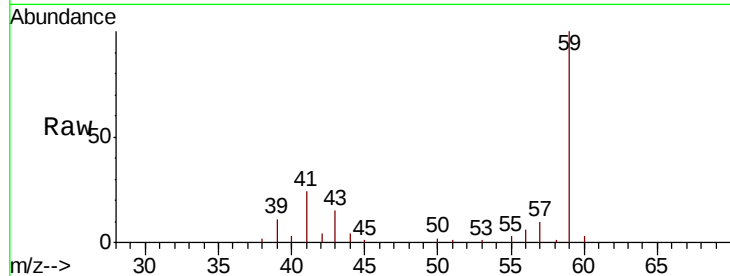


#23

tert-Butyl Alcohol
 Concen: 85.309 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

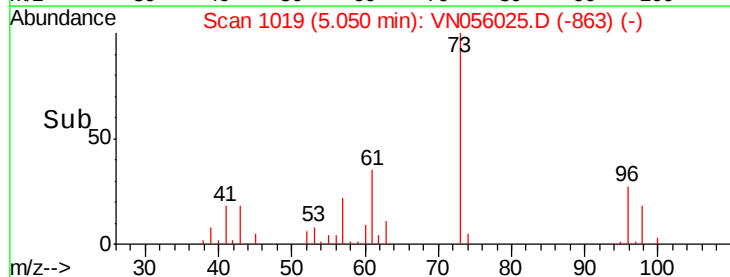
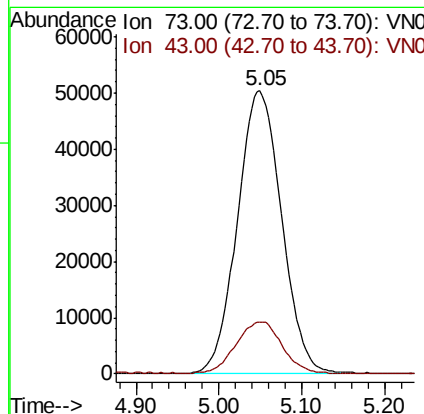
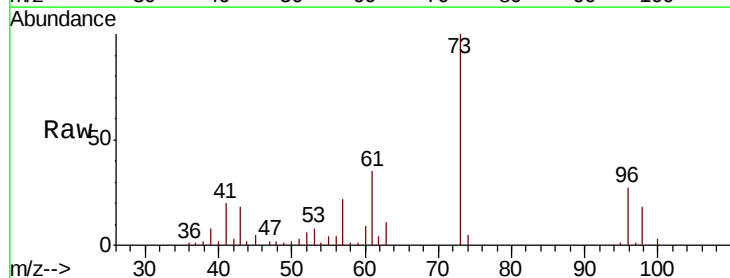
Tot Ion: 59 Resp: 52401
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

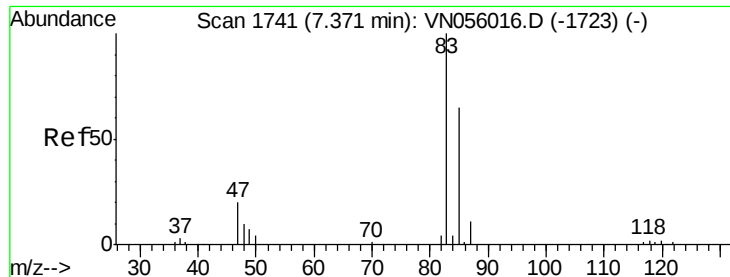


#24

Methyl tert-Butyl Ether
 Concen: 19.937 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion: 73 Resp: 187109
 Ion Ratio Lower Upper
 73 100
 43 18.4 15.4 23.0

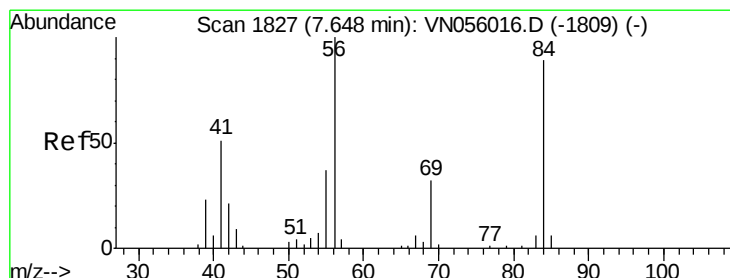
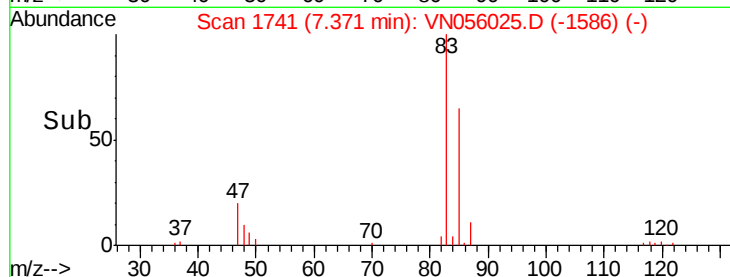
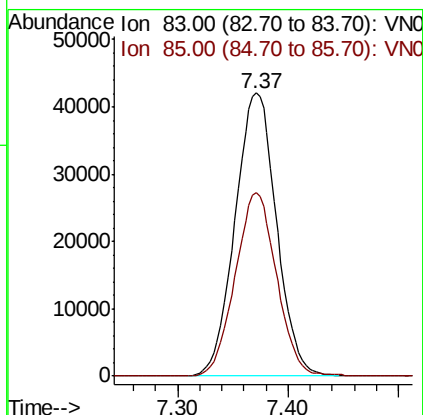
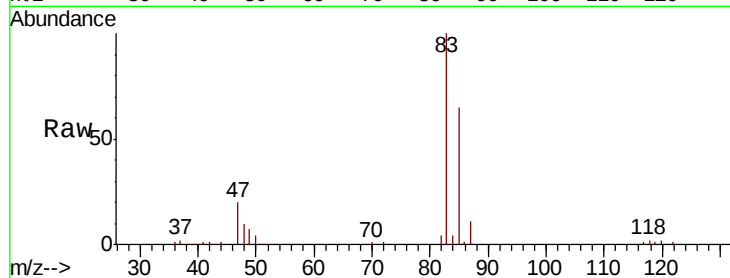




#25
Chloroform
Concen: 19.940 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

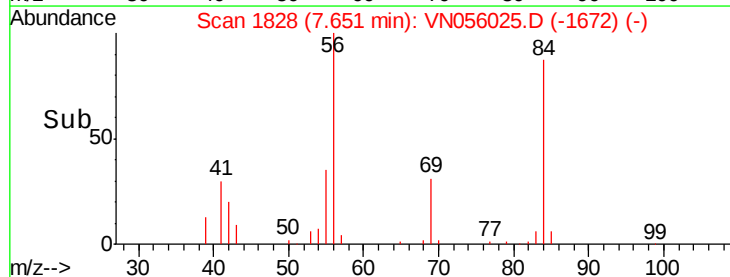
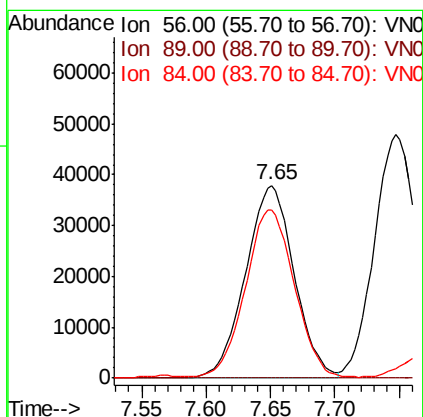
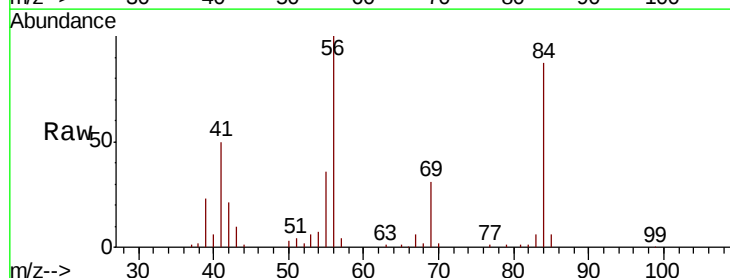
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

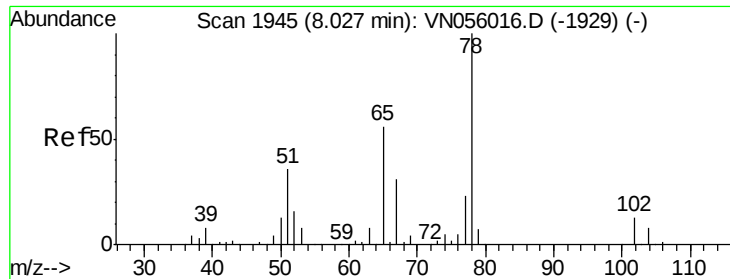
Tot Ion: 83 Resp: 109388
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0



#26
Cyclohexane
Concen: 19.500 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 56 Resp: 99390
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.3 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.178 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

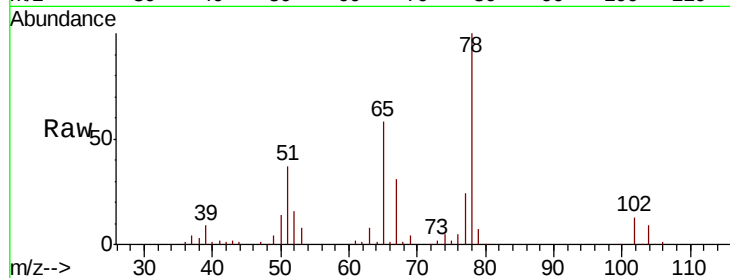
VN0606WBS01

Tot Ion: 65 Resp: 105723

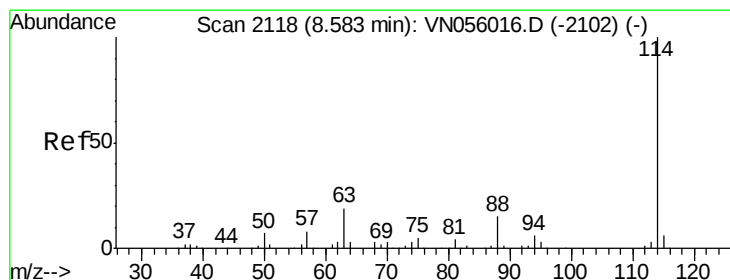
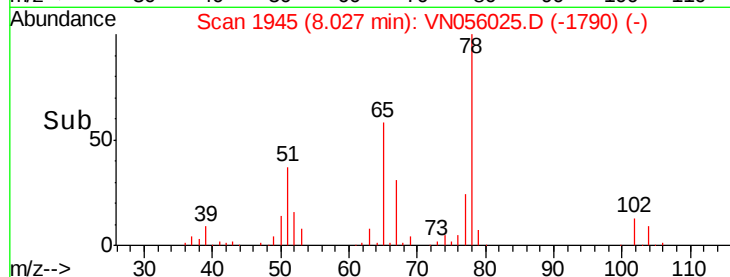
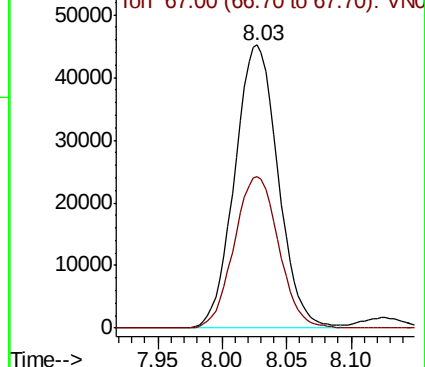
Ion Ratio Lower Upper

65 100

67 54.9 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN056025.D (-1790) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

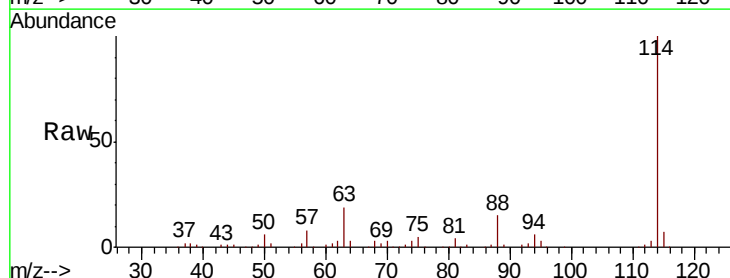
Tgt Ion: 114 Resp: 301568

Ion Ratio Lower Upper

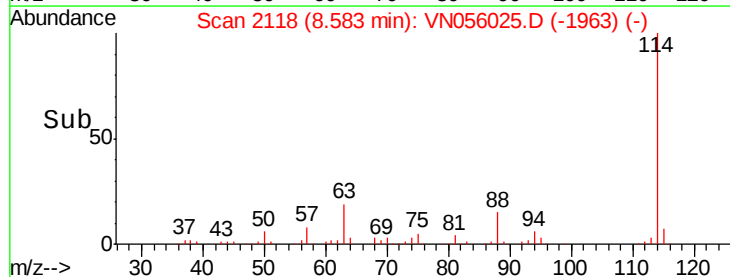
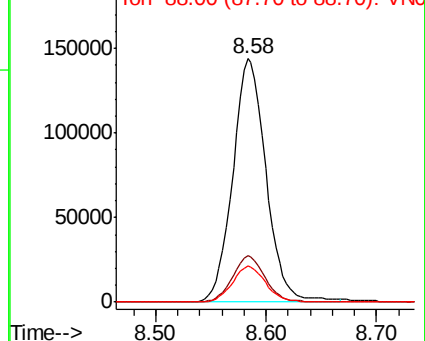
114 100

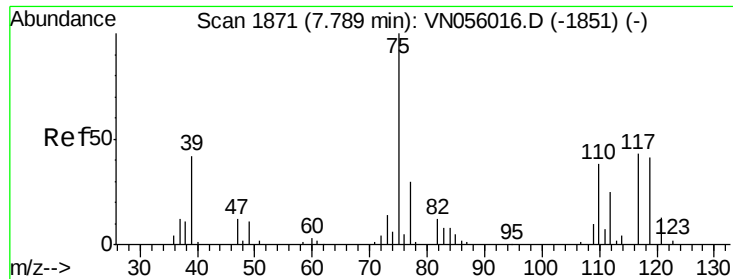
63 18.6 14.7 22.1

88 15.0 11.9 17.9



Abundance Ion 114.00 (113.70 to 114.70): VN056025.D (-1963) (-)

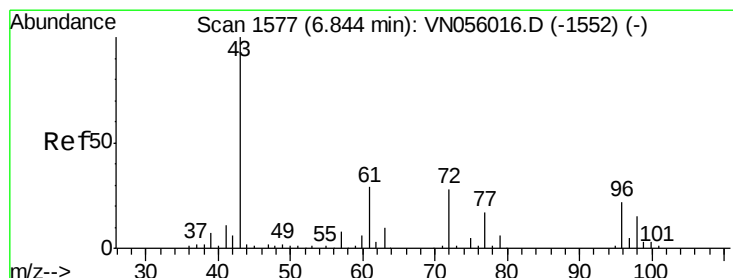
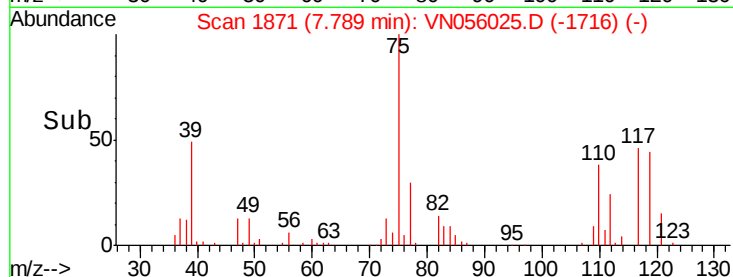
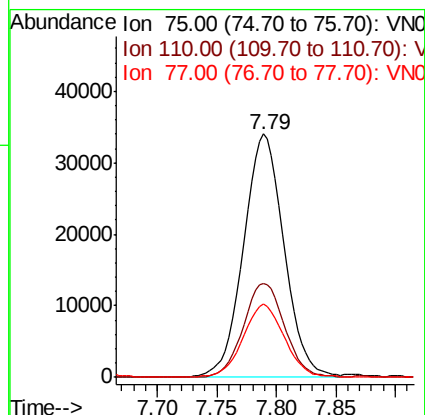
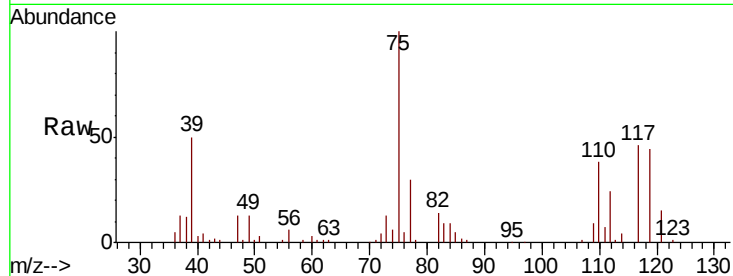




#29
 1,1-Dichloropropene
 Concen: 19.737 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

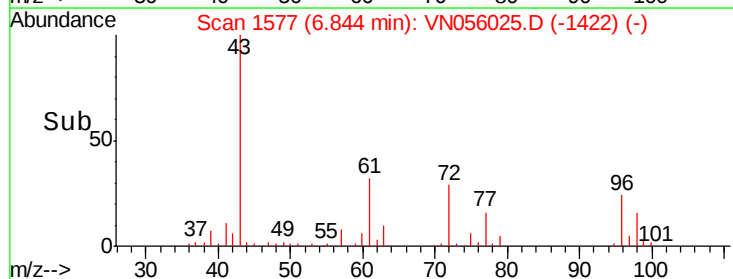
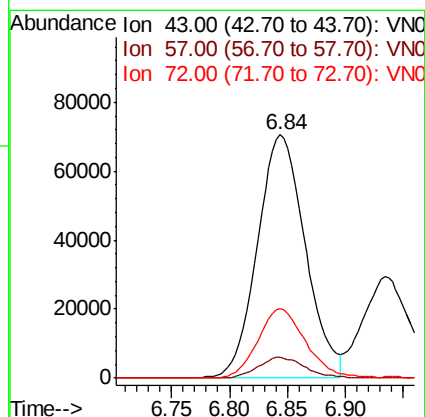
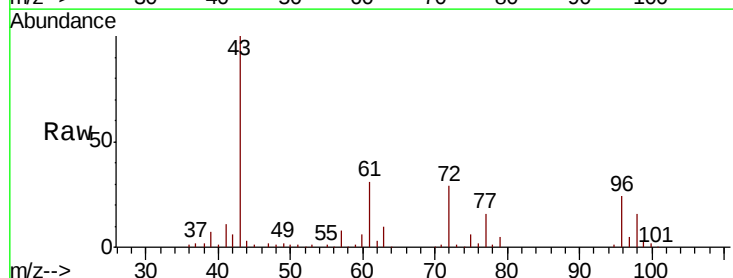
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

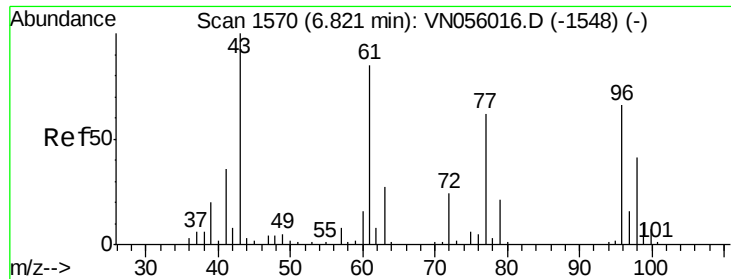
Tot Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	77.0
77	30.5	0.0	62.4



#30
 2-Butanone
 Concen: 93.658 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.7	10.1
72	28.8	22.4	33.6





#31

2,2-Dichloropropane

Concen: 16.858 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

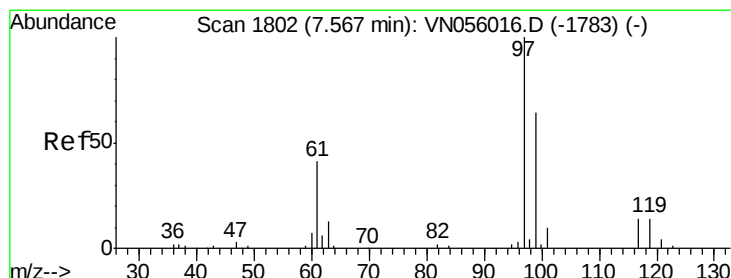
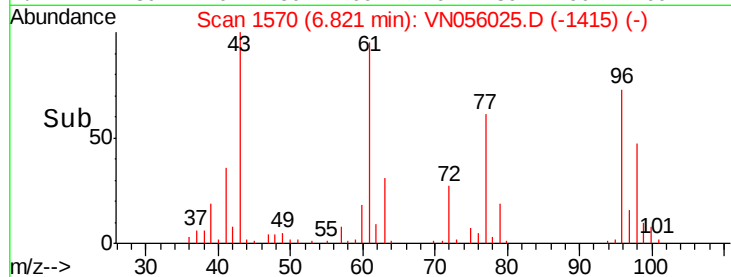
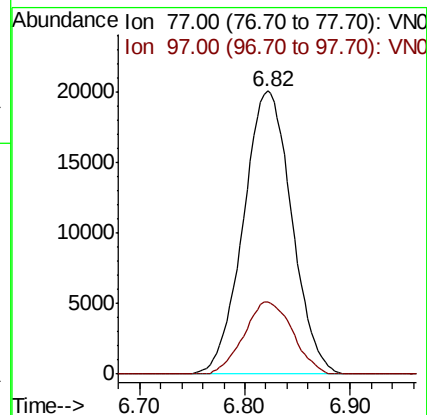
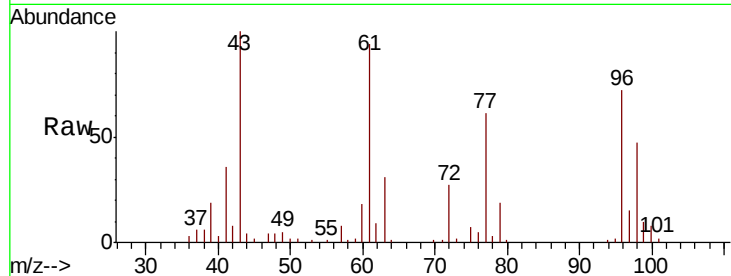
VN0606WBS01

Tot Ion: 77 Resp: 63974

Ion Ratio Lower Upper

77 100

97 25.6 20.8 31.2



#32

1,1,1-Trichloroethane

Concen: 19.773 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

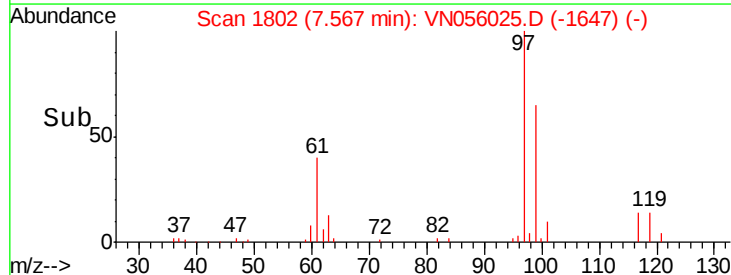
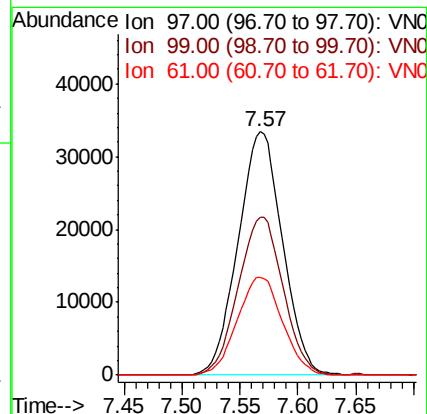
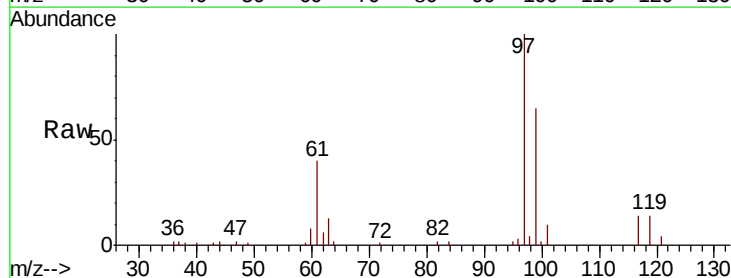
Tgt Ion: 97 Resp: 89114

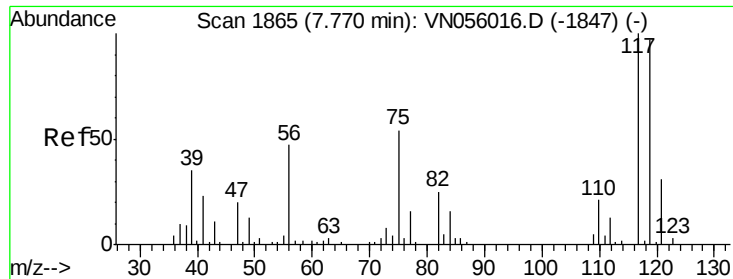
Ion Ratio Lower Upper

97 100

99 65.3 51.5 77.3

61 40.9 32.9 49.3

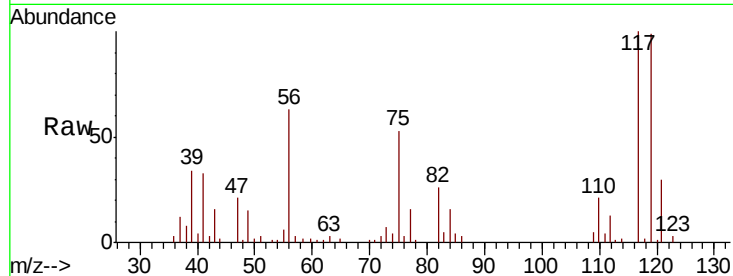




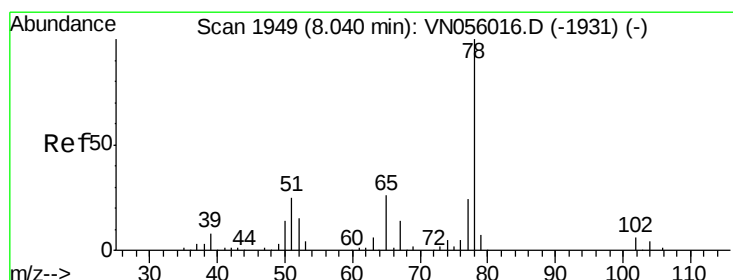
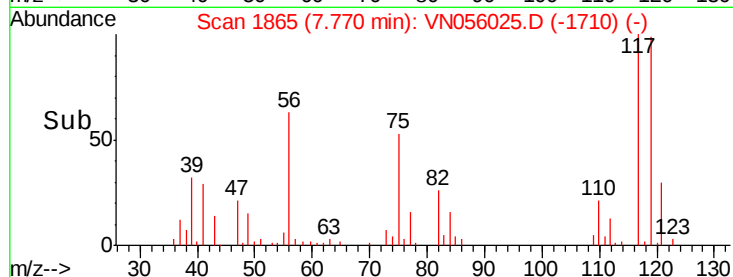
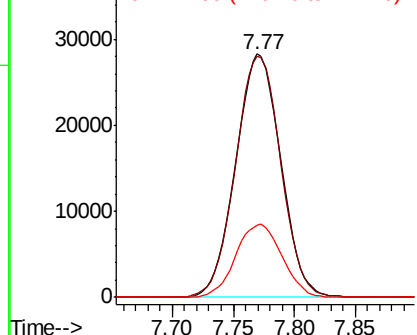
#33
Carbon Tetrachloride
Concen: 18.934 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tot Ion:117 Resp: 72298
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 29.5 25.0 37.4

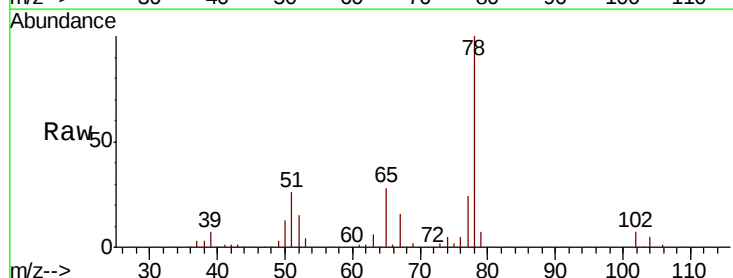


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

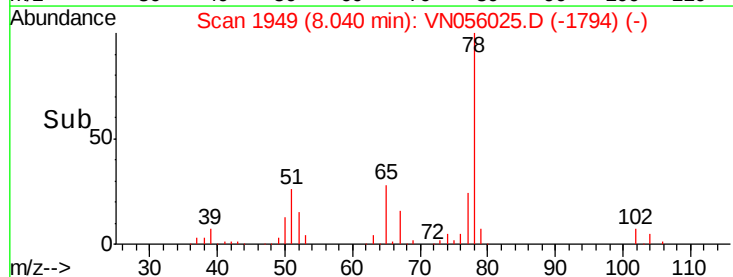
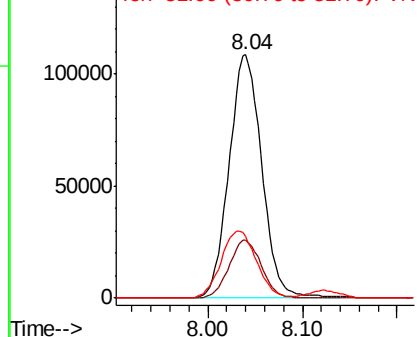


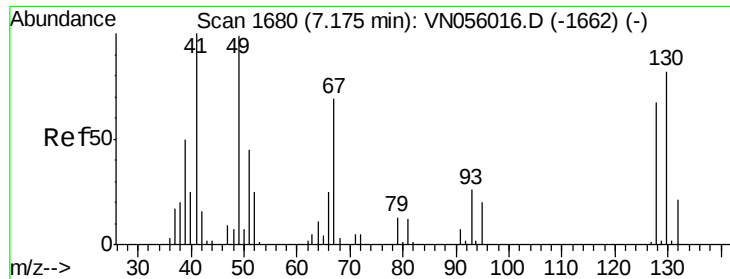
#34
Benzene
Concen: 20.088 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 78 Resp: 261095
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
51 25.3 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

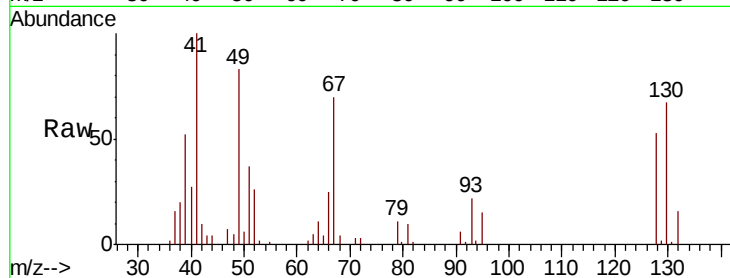




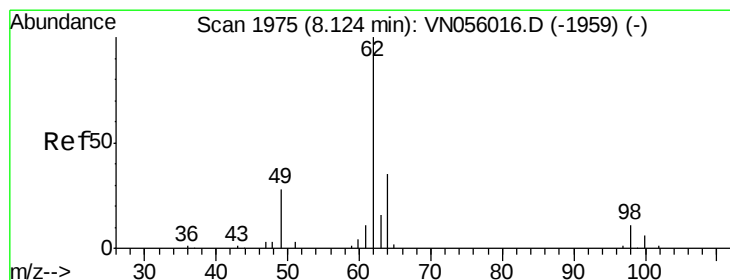
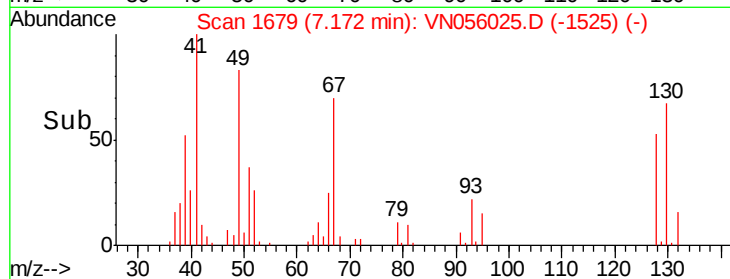
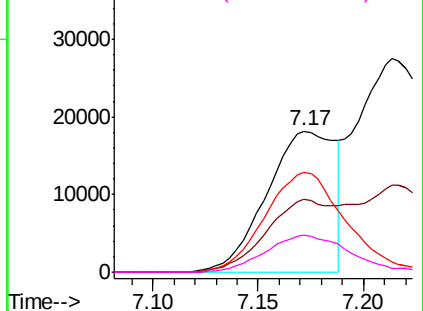
#35
Methacrylonitrile
Concen: 22.639 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tot Ion:	41	Resp:	41055
Ion	Ratio	Lower	Upper
41	100		
39	52.0	24.8	74.3
67	70.4	34.3	102.9
52	26.4	12.6	37.8

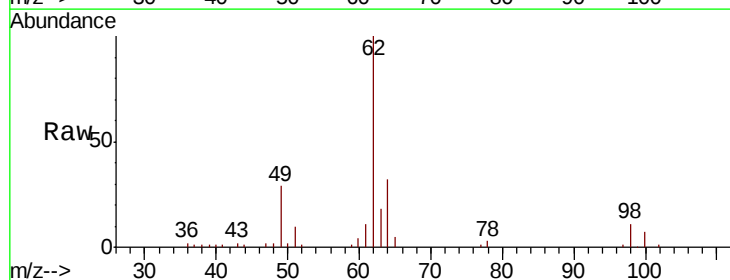


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

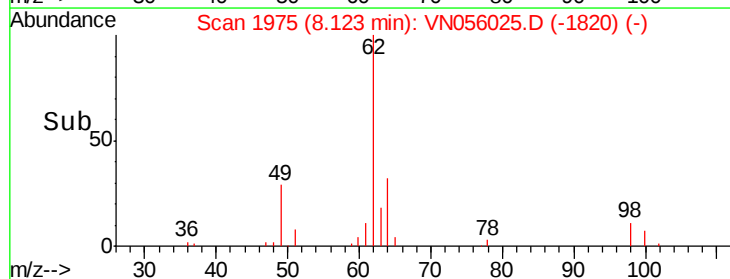
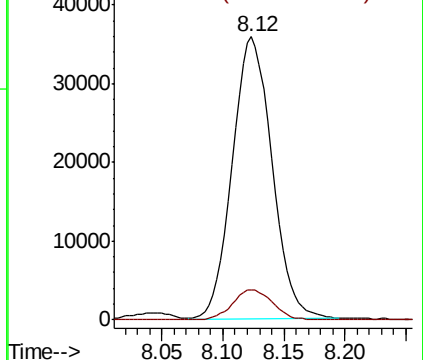


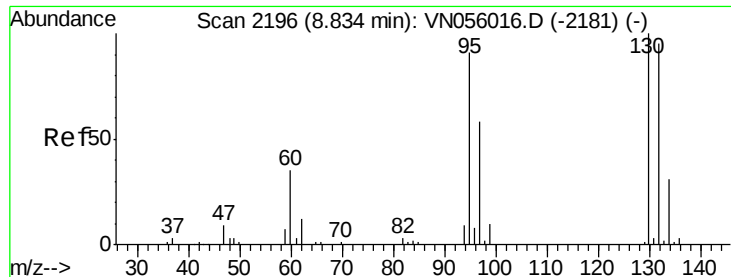
#36
1,2-Dichloroethane
Concen: 19.828 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion:	62	Resp:	80724
Ion	Ratio	Lower	Upper
62	100		
98	10.8	8.6	13.0



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

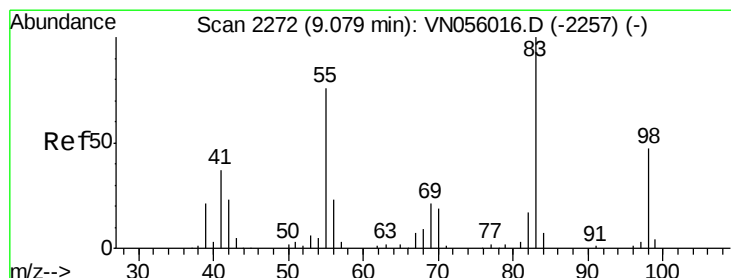
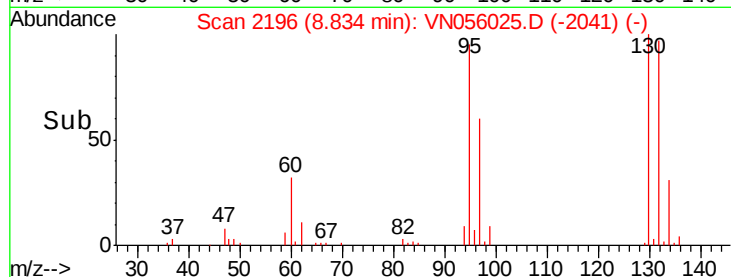
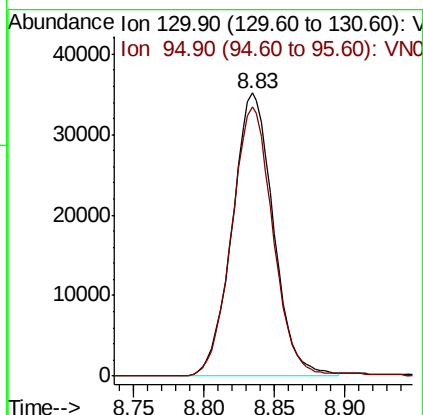
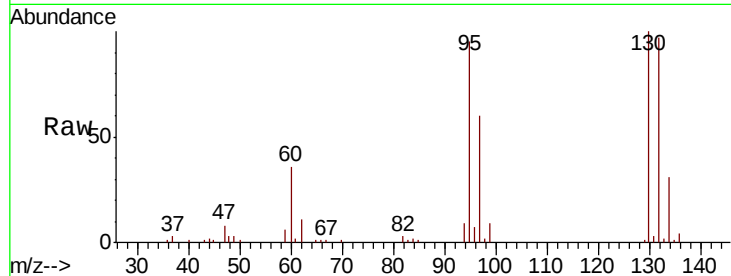




#37
 Trichloroethene
 Concen: 19.734 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

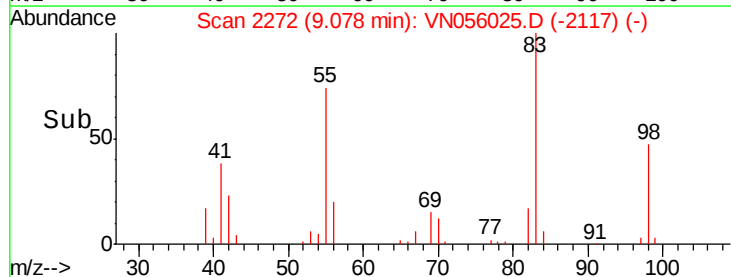
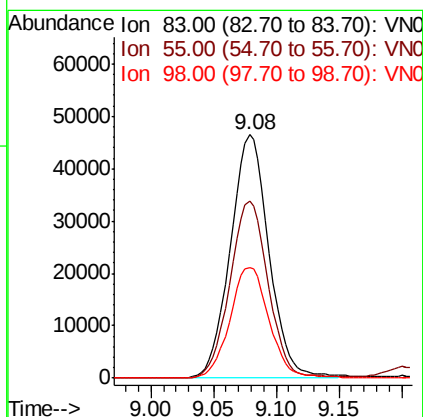
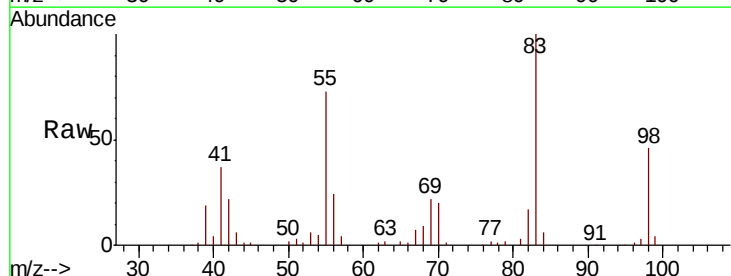
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

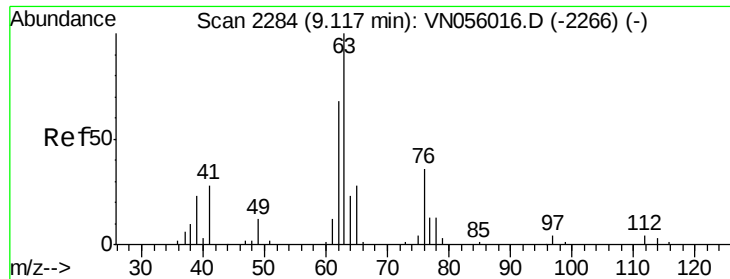
Tot Ion:130 Resp: 71771
 Ion Ratio Lower Upper
 130 100
 95 94.9 73.0 109.6



#38
 Methylcyclohexane
 Concen: 19.206 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion: 83 Resp: 99324
 Ion Ratio Lower Upper
 83 100
 55 72.0 37.5 112.7
 98 46.3 23.1 69.3

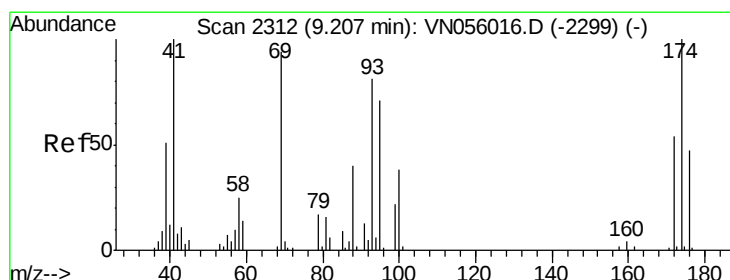
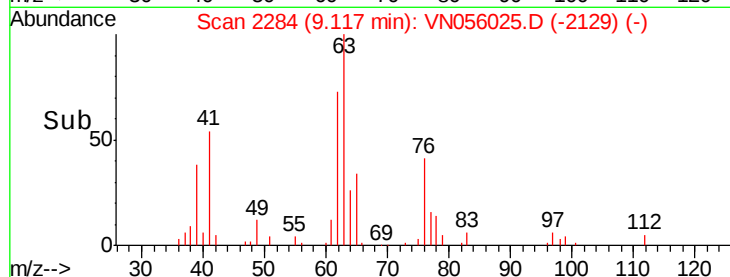
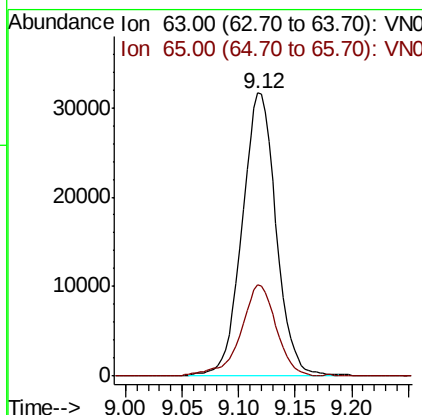
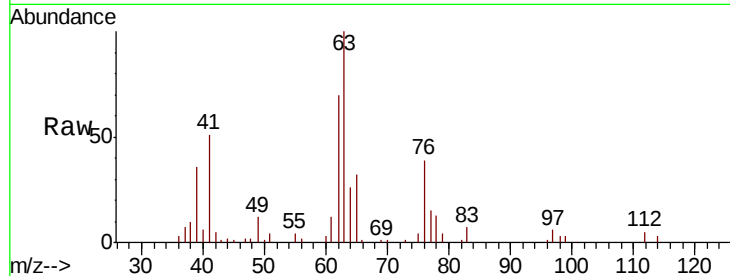




#39
 1,2-Dichloropropane
 Concen: 19.878 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

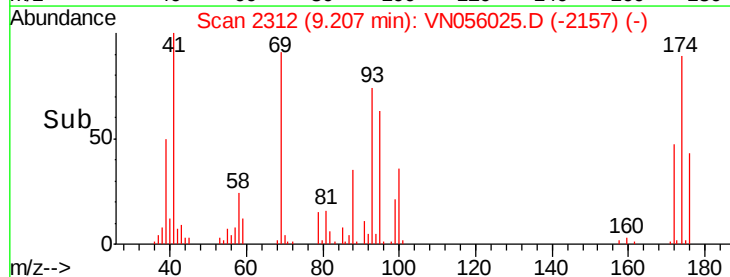
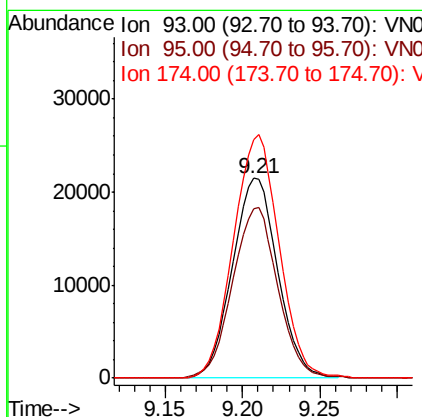
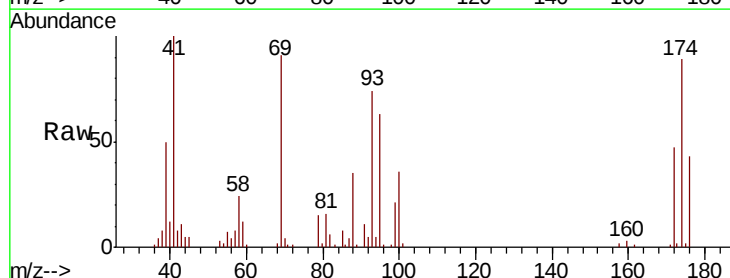
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

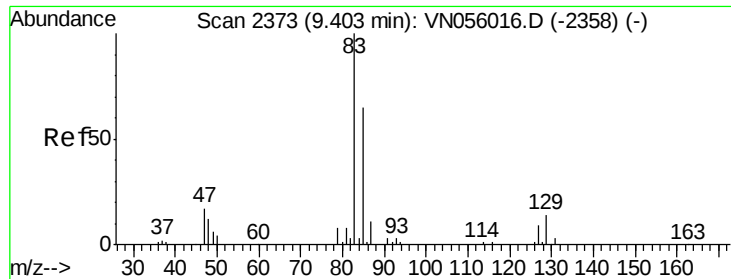
Tot Ion: 63 Resp: 66169
 Ion Ratio Lower Upper
 63 100
 65 32.1 23.1 34.7



#40
 Dibromomethane
 Concen: 19.850 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion: 93 Resp: 43811
 Ion Ratio Lower Upper
 93 100
 95 84.8 0.0 169.0
 174 122.9 0.0 246.4





#41

Bromodichloromethane

Concen: 19.313 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

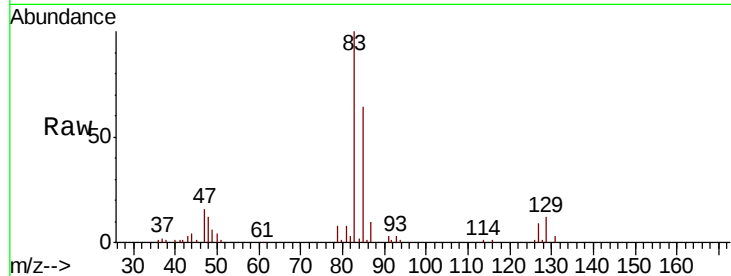
Tot Ion: 83 Resp: 76327

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

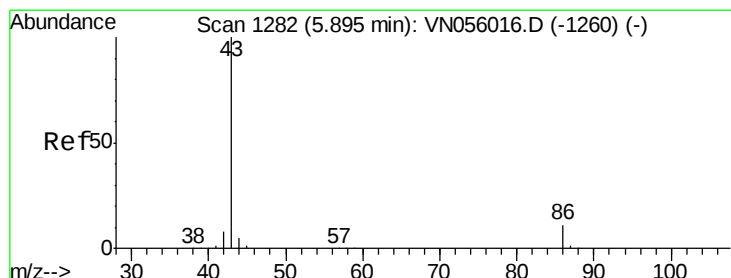
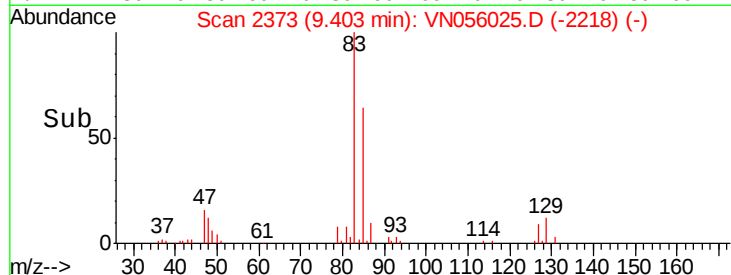
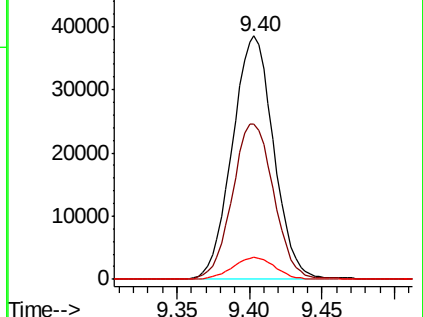
127 10.0 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 99.290 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056025.D

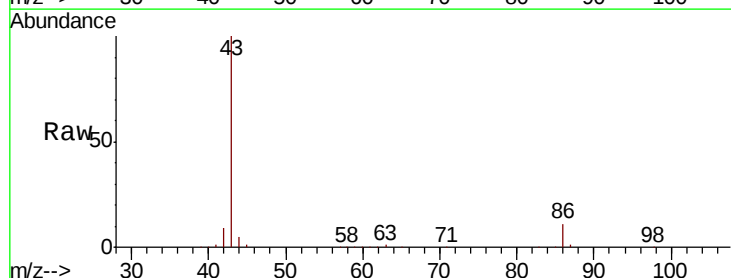
Acq: 5 Jun 2019 23:53

Tgt Ion: 43 Resp: 760182

Ion Ratio Lower Upper

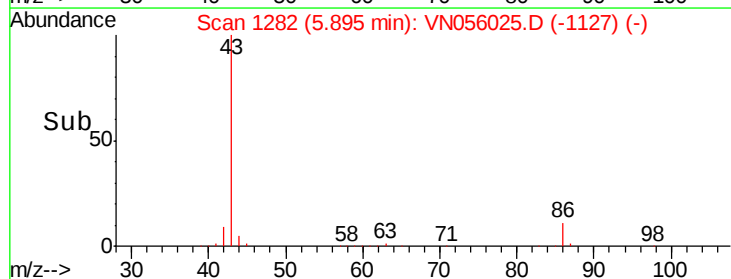
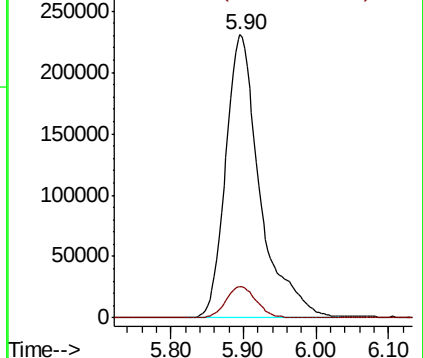
43 100

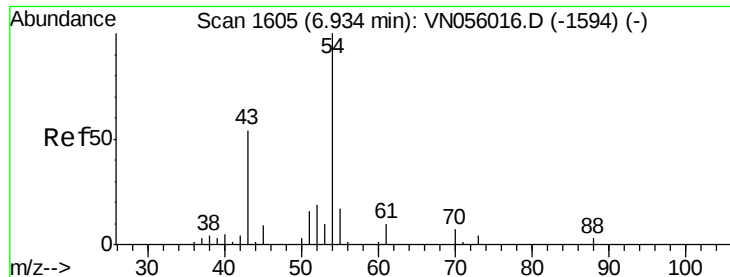
86 9.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 19.343 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

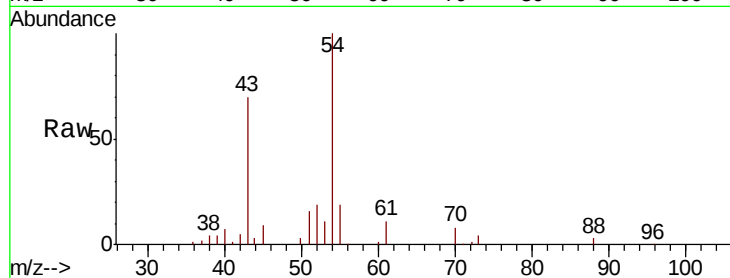
VN0606WBS01

Tot Ion: 43 Resp: 79501

Ion Ratio Lower Upper

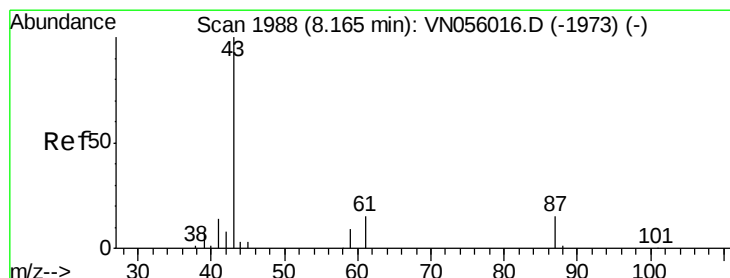
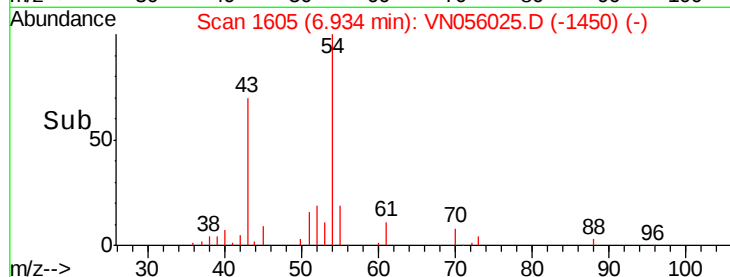
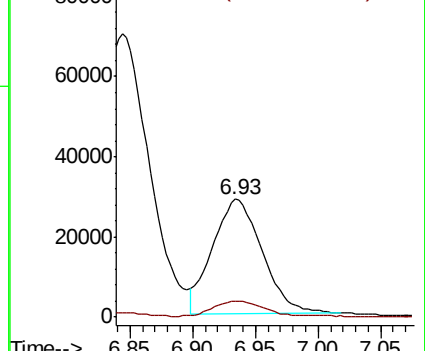
43 100

45 12.9 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 19.495 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056025.D

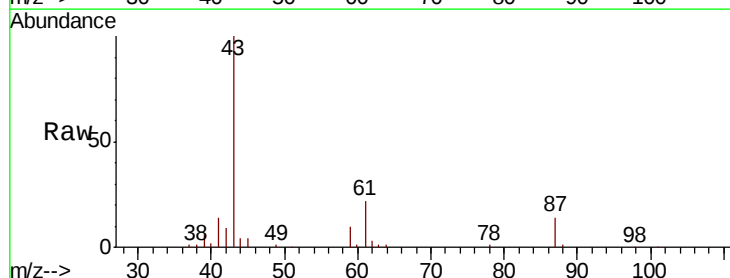
Acq: 5 Jun 2019 23:53

Tgt Ion: 43 Resp: 124406

Ion Ratio Lower Upper

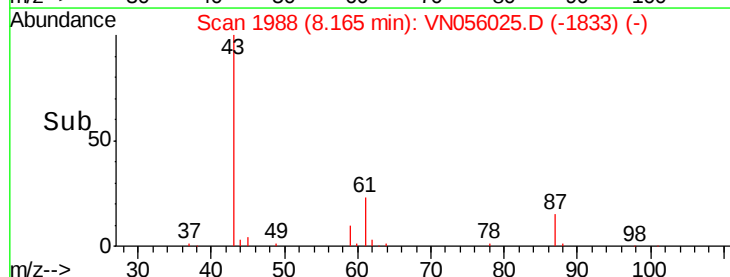
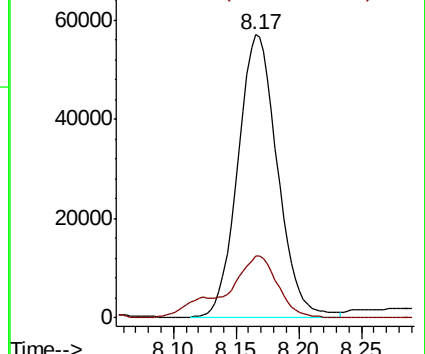
43 100

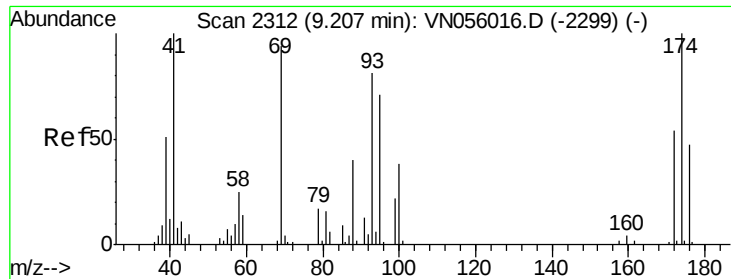
61 22.3 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

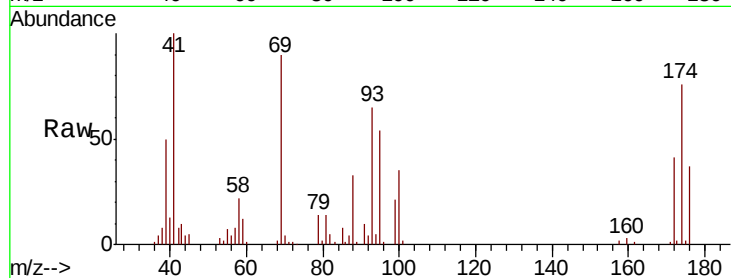




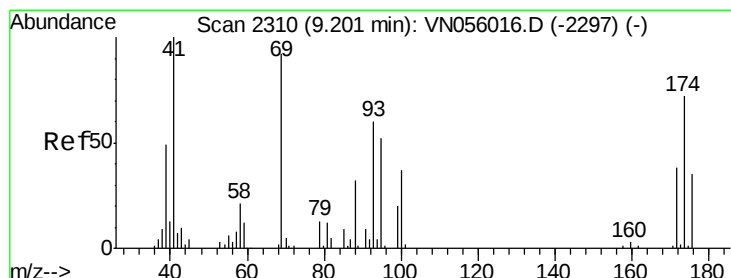
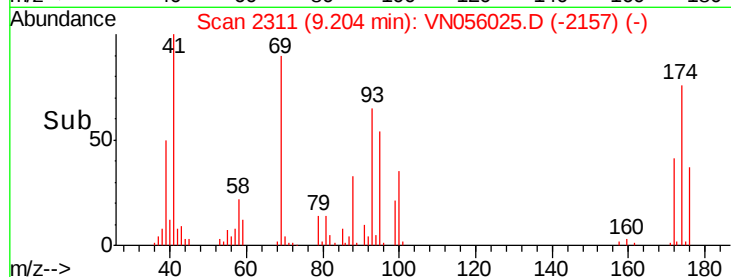
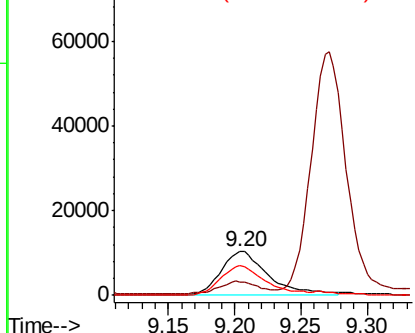
#45
 1,4-Dioxane
 Concen: 377.372 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

Tot Ion: 88 Resp: 25761
 Ion Ratio Lower Upper
 88 100
 43 24.0 19.8 29.6
 58 64.4 48.5 72.7

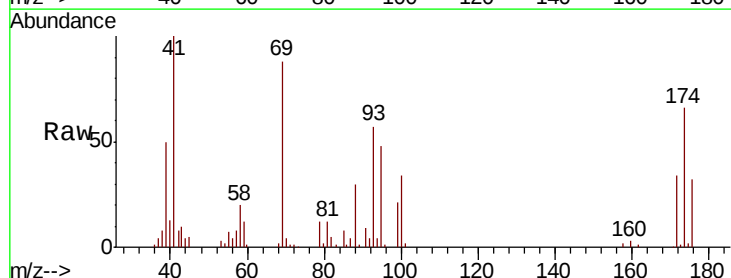


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

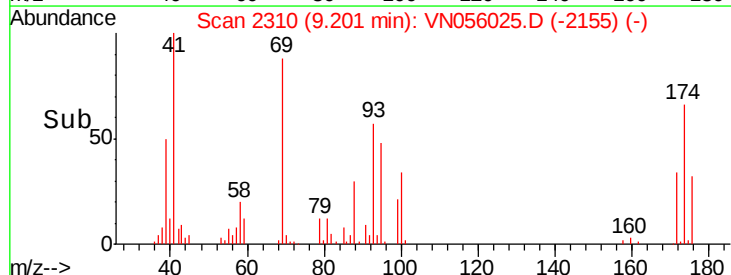
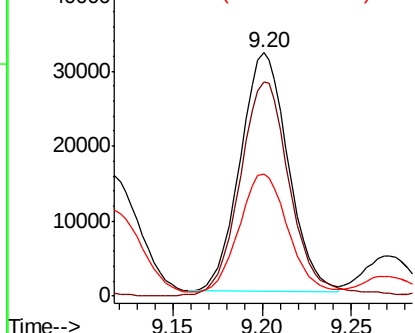


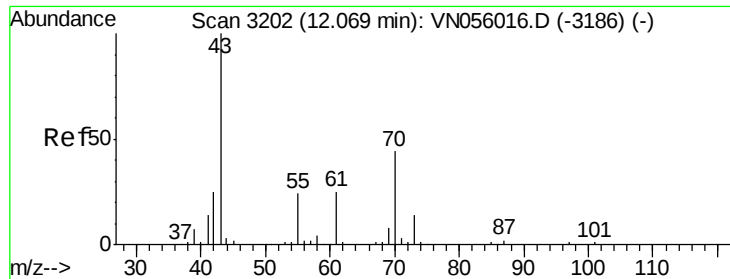
#46
 Methyl methacrylate
 Concen: 18.829 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion: 41 Resp: 59692
 Ion Ratio Lower Upper
 41 100
 69 89.3 46.0 137.8
 39 49.8 24.6 73.8



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





#47

n-amyl Acetate

Concen: 19.087 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

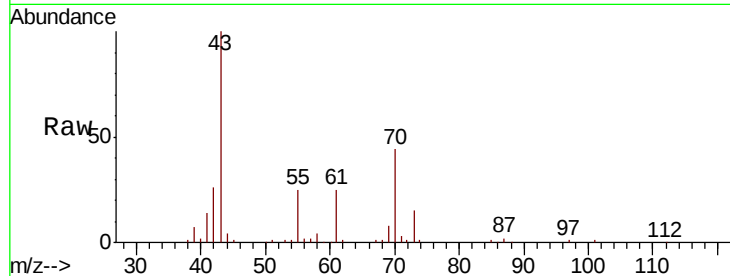
VN0606WBS01

Tot Ion: 43 Resp: 100729

Ion Ratio Lower Upper

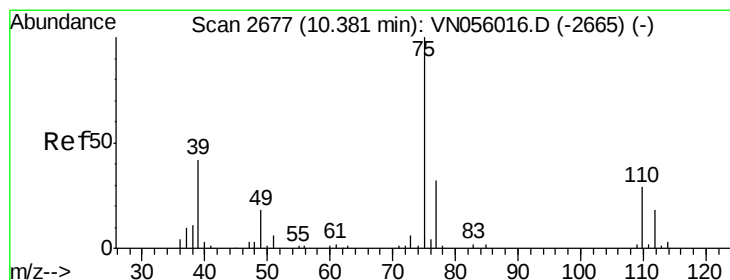
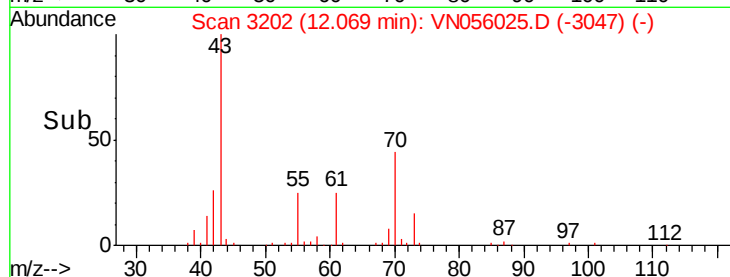
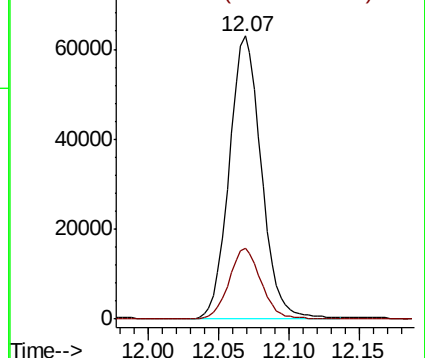
43 100

55 24.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 18.342 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056025.D

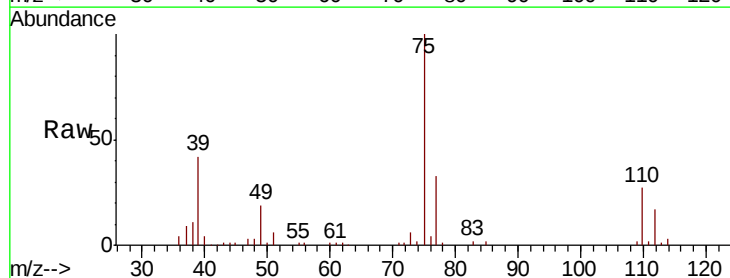
Acq: 5 Jun 2019 23:53

Tgt Ion: 75 Resp: 76289

Ion Ratio Lower Upper

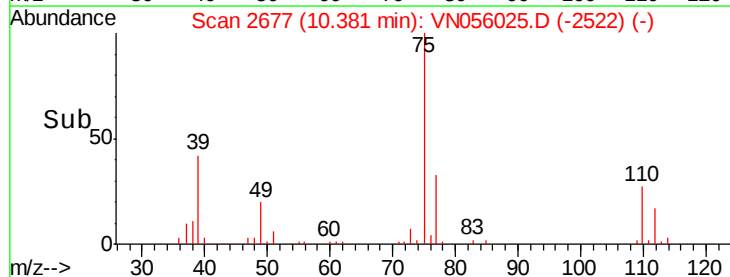
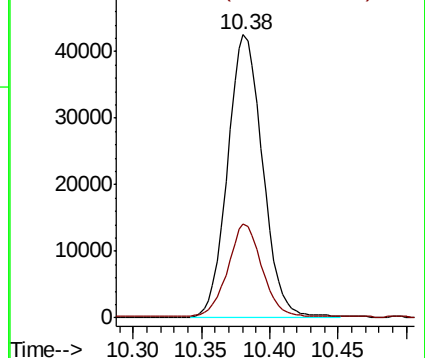
75 100

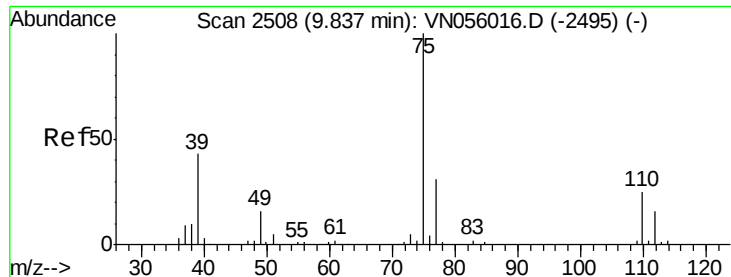
77 32.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



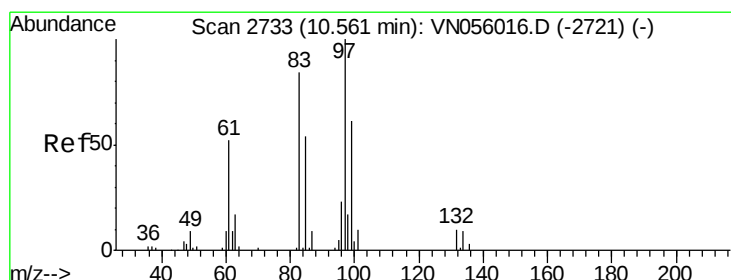
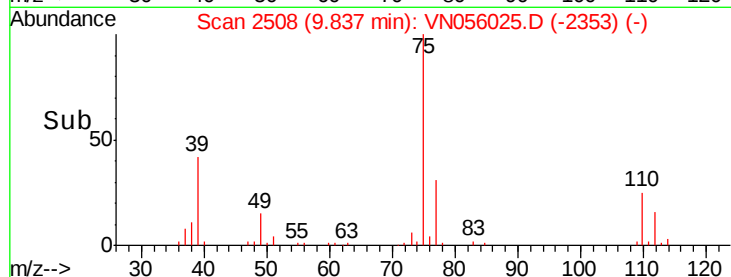
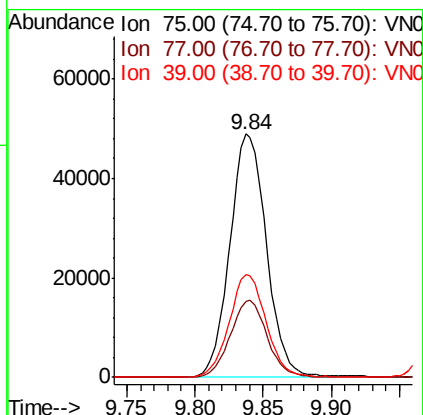
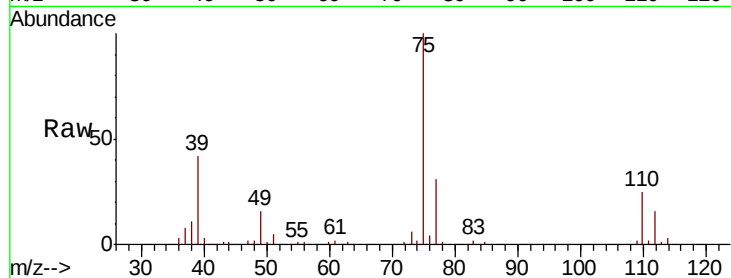


#49

cis-1,3-Dichloropropene
 Concen: 18.755 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

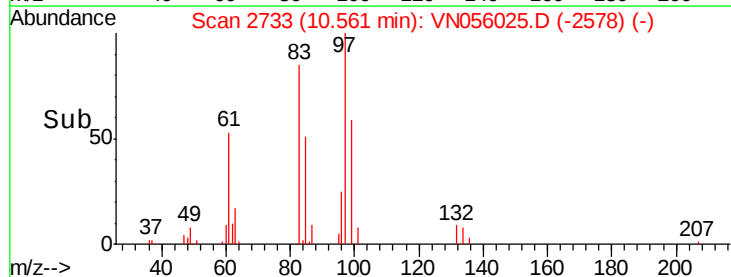
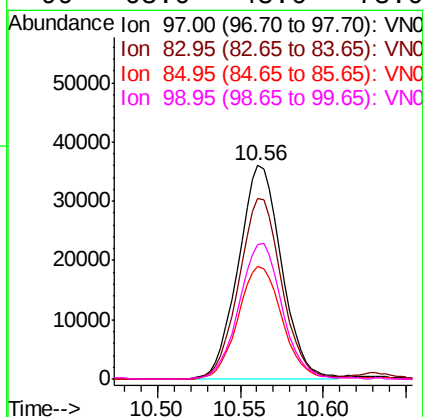
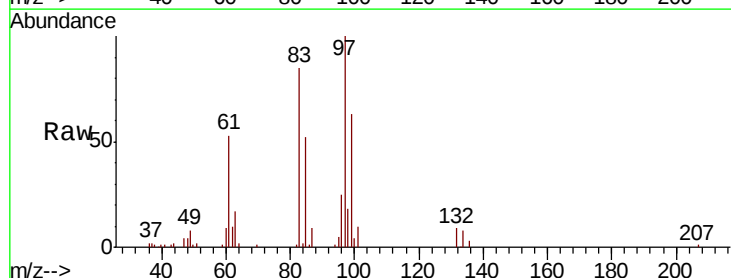
Tot Ion	75	Resp	91344
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.1	37.7
39	42.0	34.3	51.5

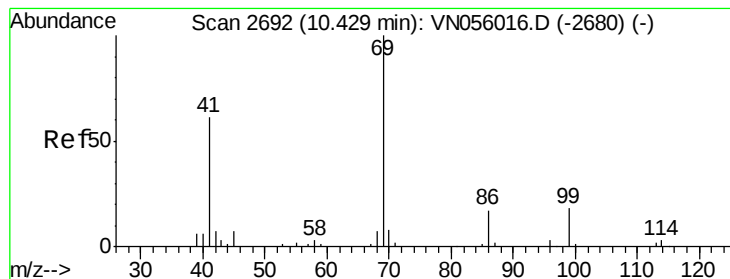


#50

1,1,2-Trichloroethane
 Concen: 19.909 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion	97	Resp	65266
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.9	100.3
85	52.5	43.3	64.9
99	63.0	48.6	73.0





#51

Ethyl methacrylate

Concen: 19.174 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampled :

VN0606WBS01

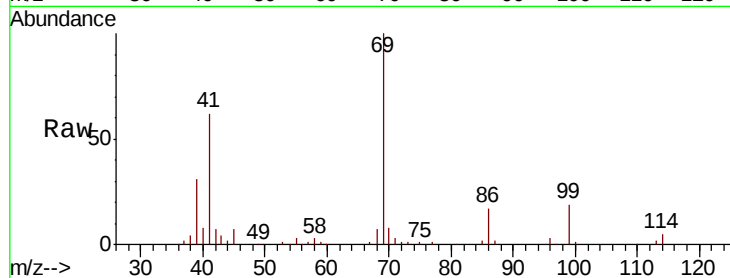
Tot Ion: 69 Resp: 95094

Ion Ratio Lower Upper

69 100

41 61.4 30.8 92.3

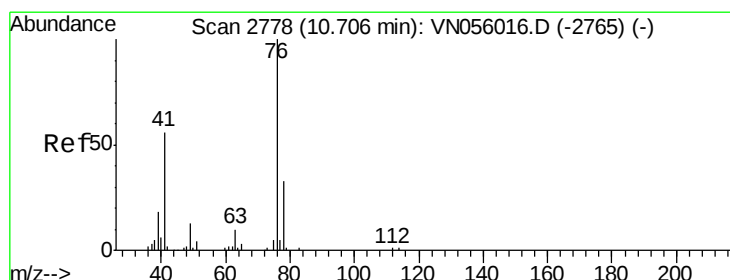
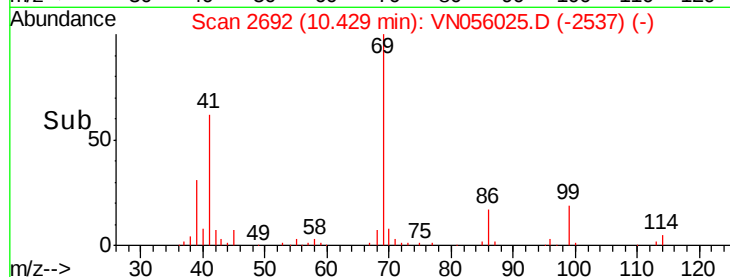
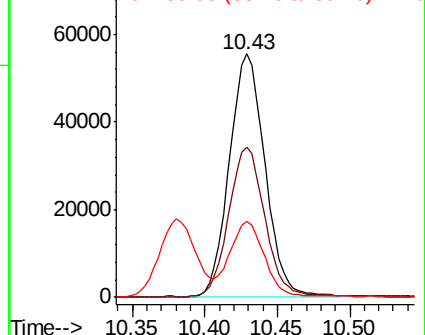
39 30.6 14.5 43.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.000 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN056025.D

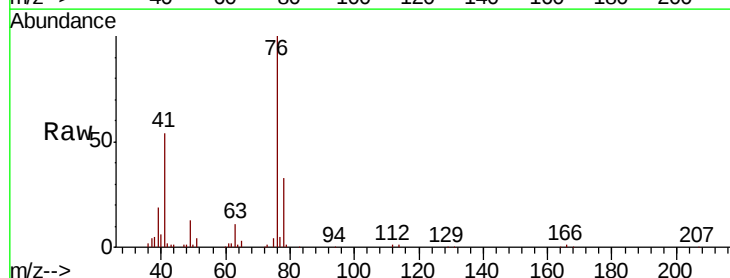
Acq: 5 Jun 2019 23:53

Tgt Ion: 76 Resp: 106293

Ion Ratio Lower Upper

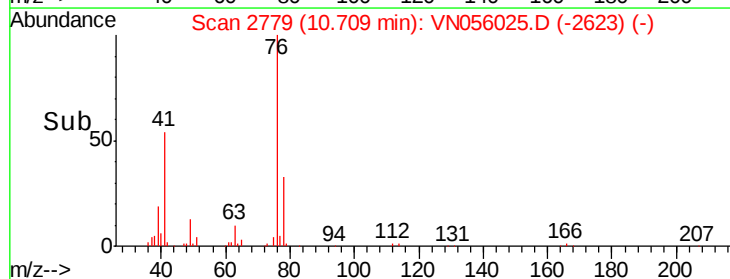
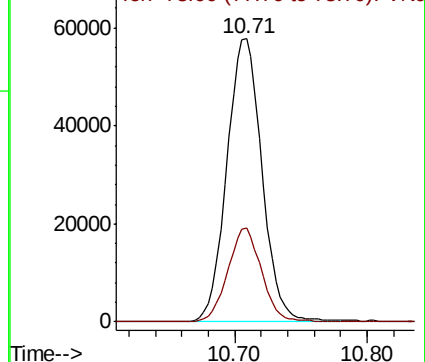
76 100

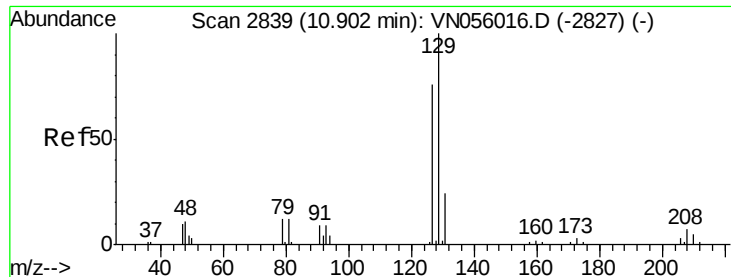
78 32.0 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

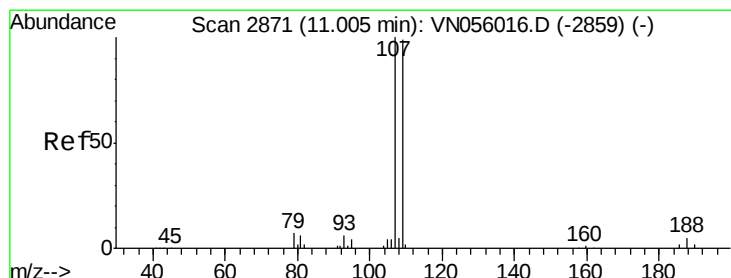
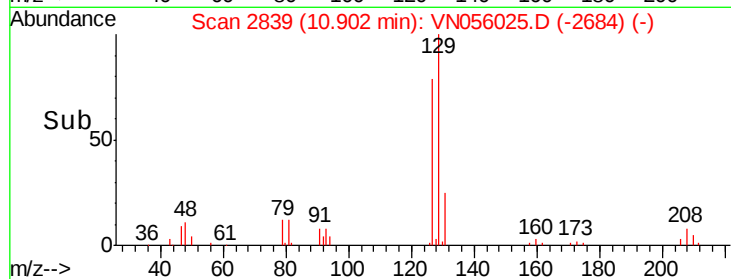
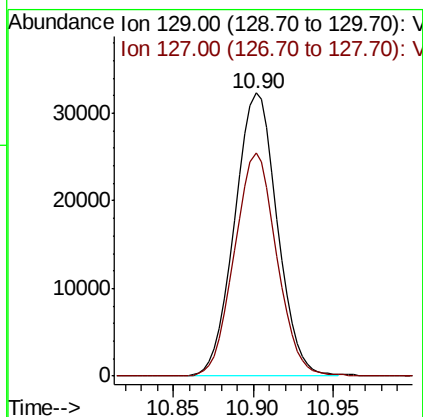
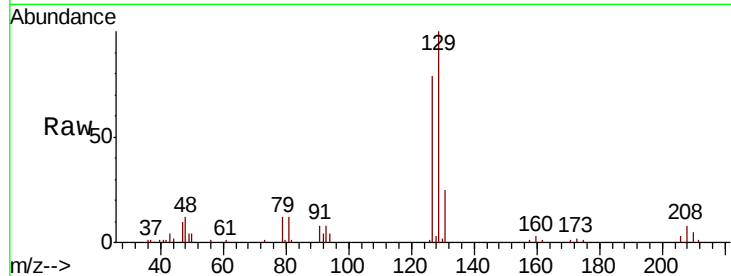




#53
Dibromochloromethane
Concen: 18.301 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

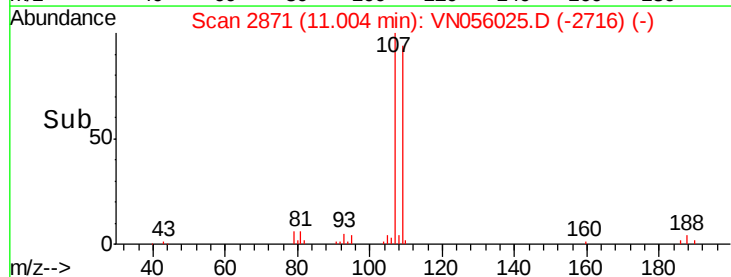
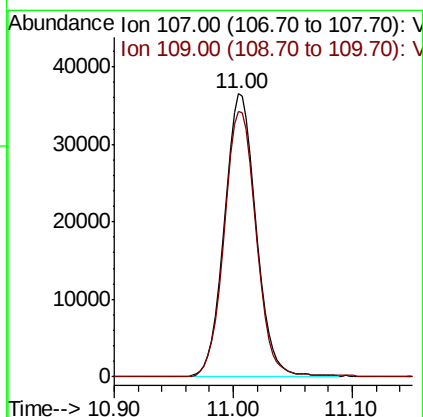
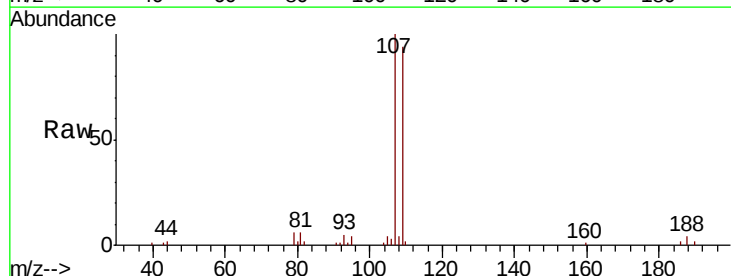
Instrument :
MSVOA_N
ClientSampled :
VN0606WBS01

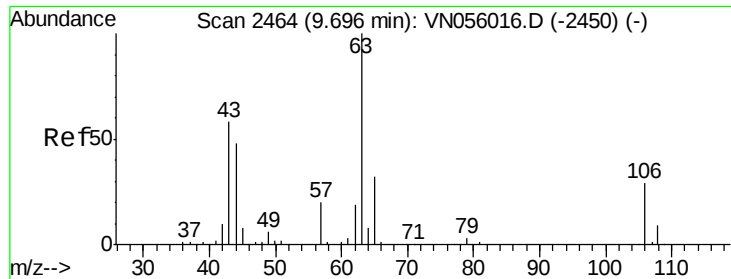
Tot Ion:129 Resp: 58731
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5



#54
1,2-Dibromoethane
Concen: 19.722 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion:107 Resp: 67465
Ion Ratio Lower Upper
107 100
109 94.5 76.8 115.2

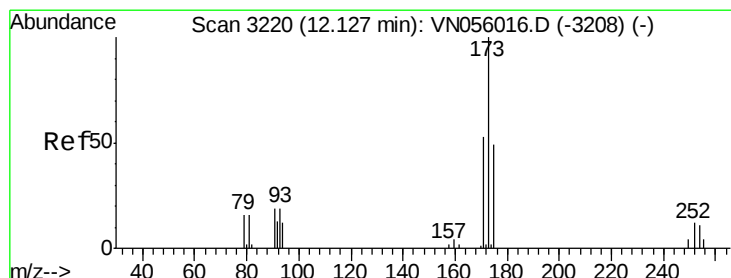
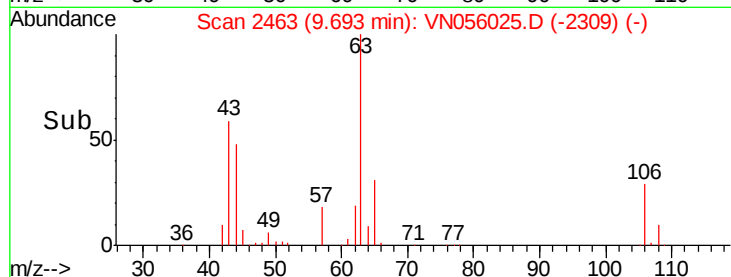
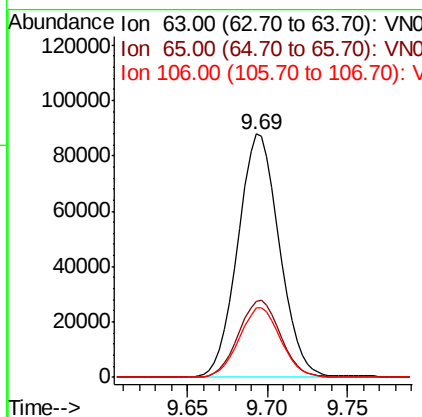
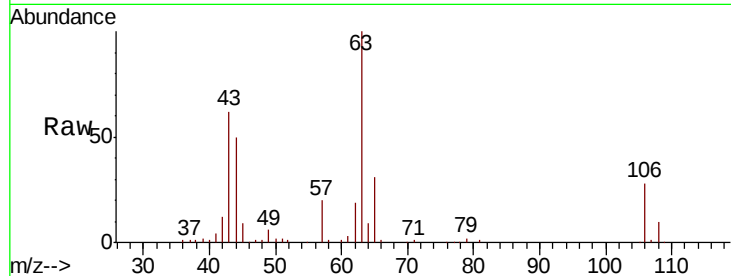




#55
 2-Chloroethyl vinyl ether
 Concen: 89.992 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

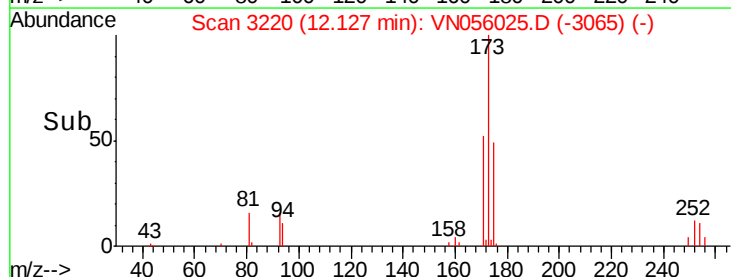
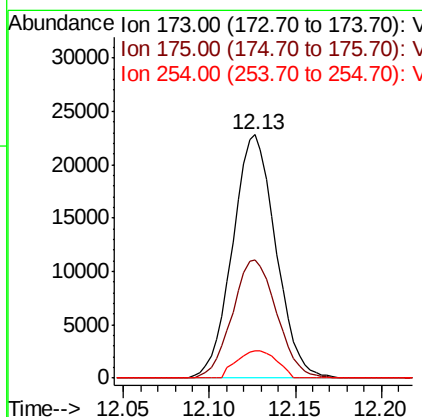
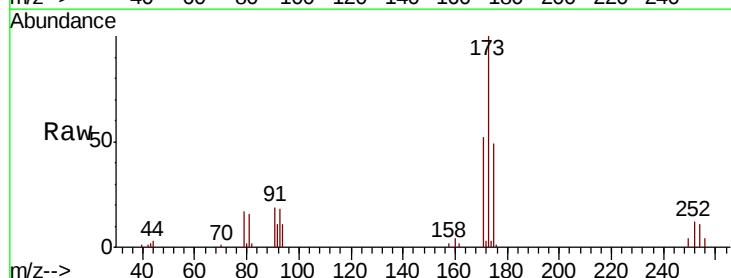
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

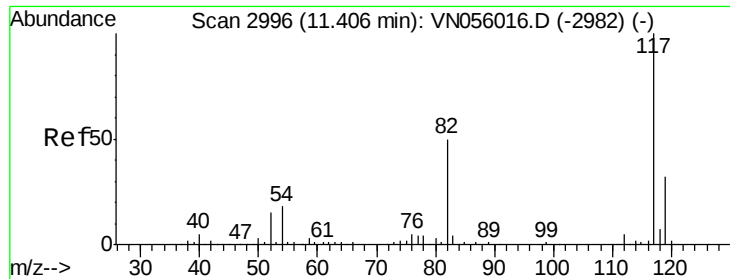
Tot Ion: 63 Resp: 156334
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3
 106 28.7 23.0 34.4



#56
 Bromoform
 Concen: 17.151 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion: 173 Resp: 39817
 Ion Ratio Lower Upper
 173 100
 175 49.7 38.7 58.1
 254 10.4 6.6 9.8#

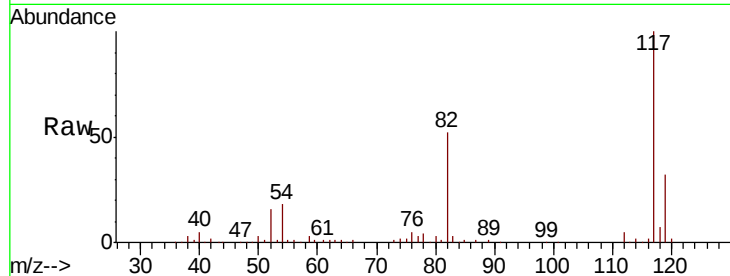




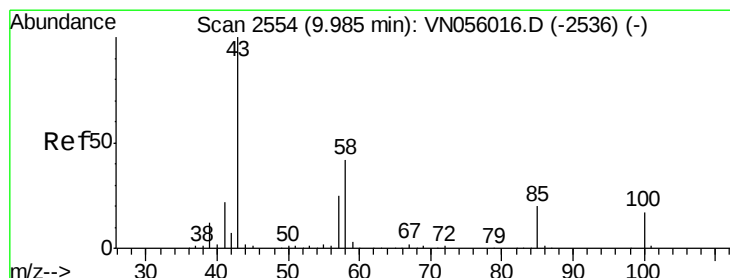
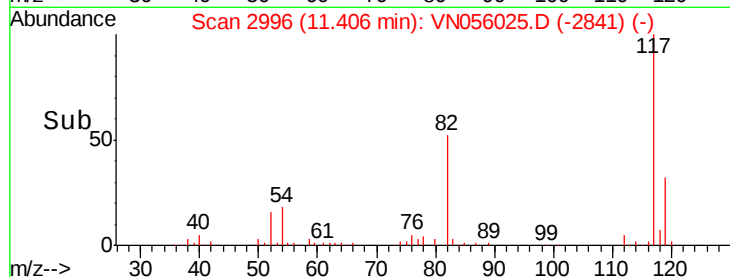
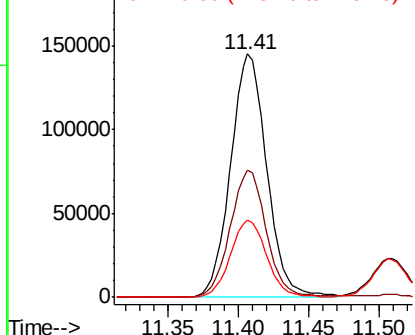
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tot Ion:117 Resp: 261511
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 31.8 26.2 39.2

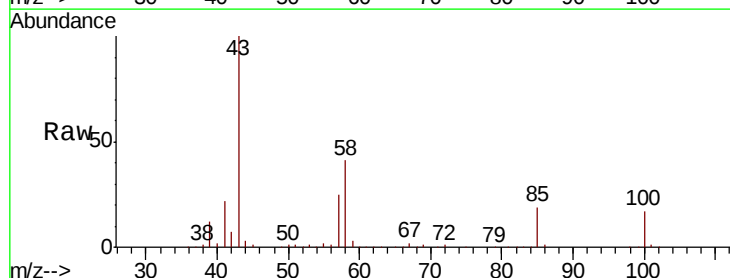


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

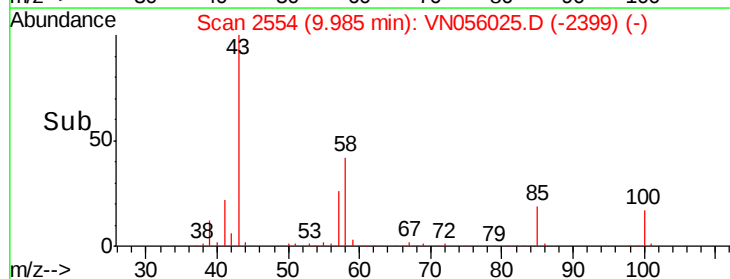
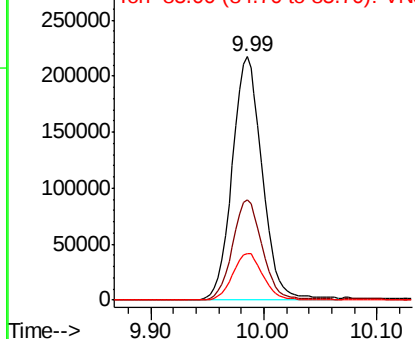


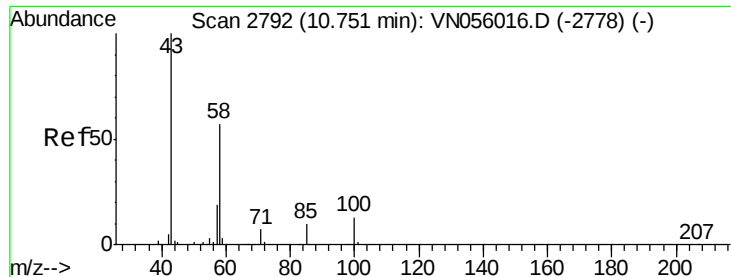
#58
4-Methyl-2-Pentanone
Concen: 101.041 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 43 Resp: 400115
Ion Ratio Lower Upper
43 100
58 41.0 33.1 49.7
85 19.4 15.5 23.3



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

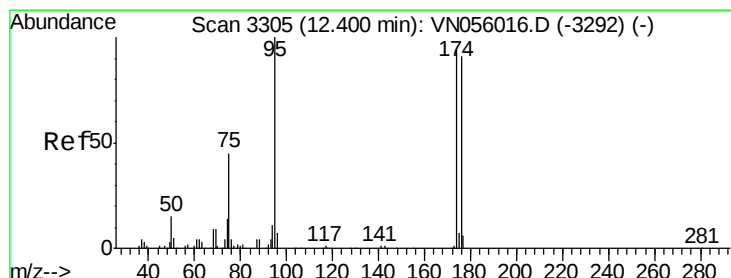
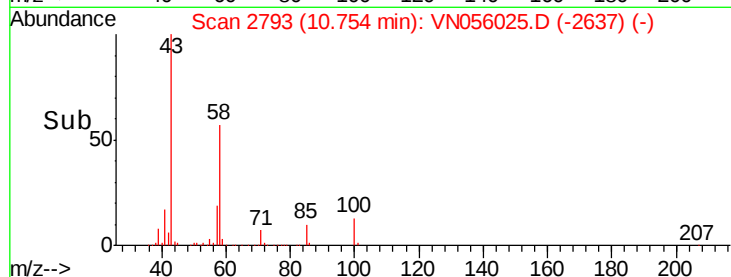
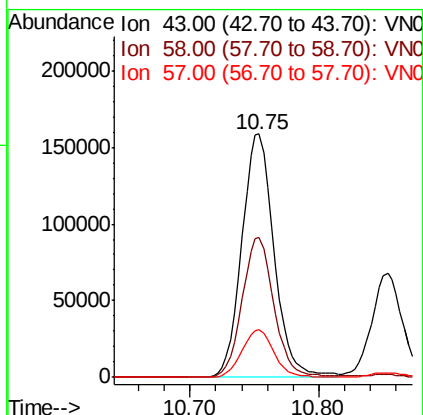
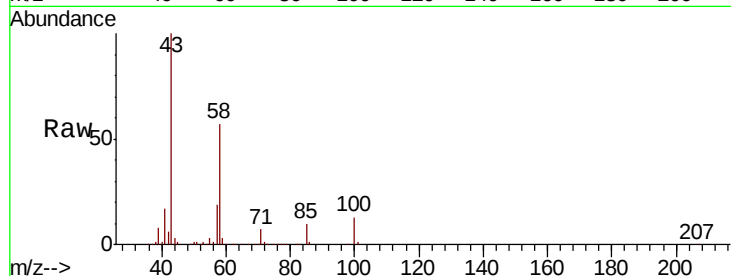




#59
2-Hexanone
Concen: 97.348 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

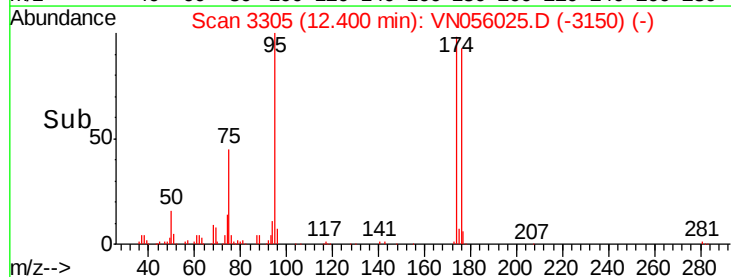
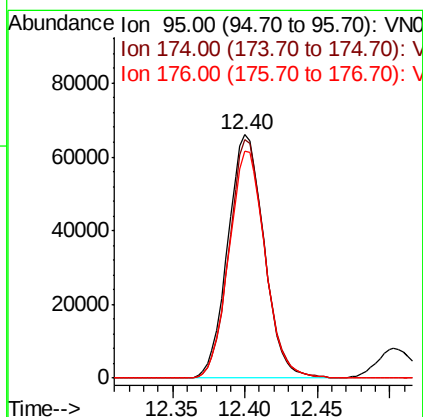
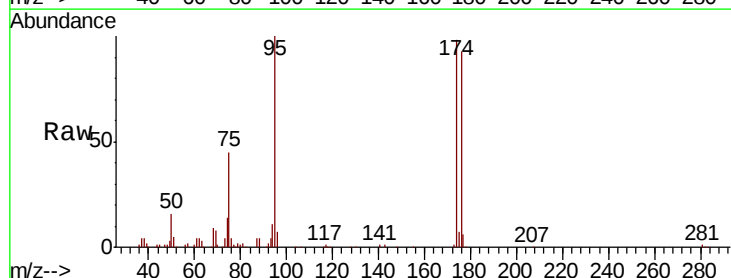
Instrument :
MSVOA_N
ClientSampled :
VN0606WBS01

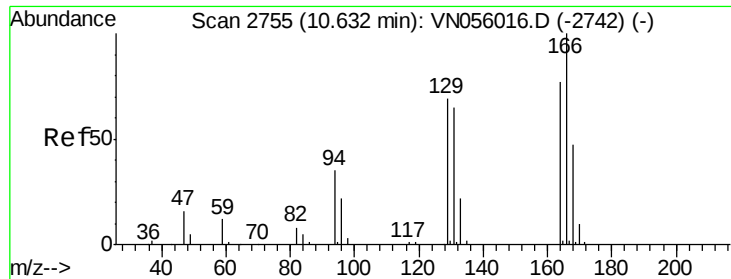
Tot Ion: 43 Resp: 275528
Ion Ratio Lower Upper
43 100
58 57.2 45.3 67.9
57 19.4 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 29.503 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 95 Resp: 114356
Ion Ratio Lower Upper
95 100
174 96.0 75.4 113.0
176 93.1 73.9 110.9

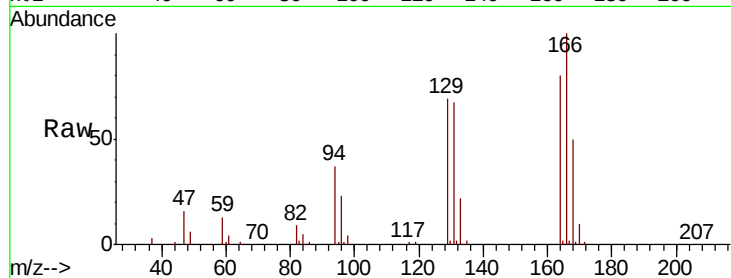




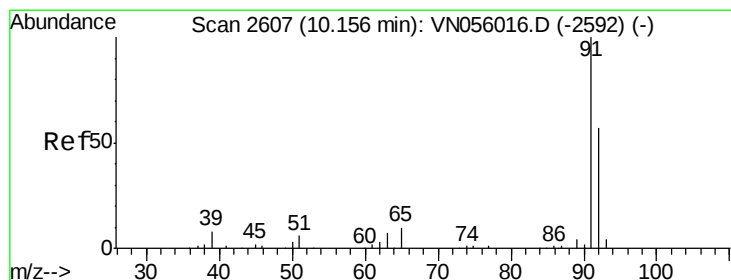
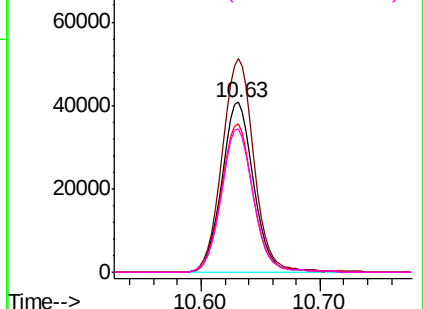
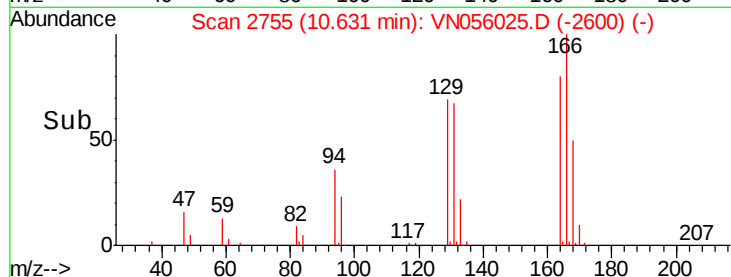
#61
Tetrachloroethene
Concen: 20.704 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tot Ion:164 Resp: 75460
Ion Ratio Lower Upper
164 100
166 125.7 104.3 156.5
129 87.3 71.5 107.3
131 84.5 67.7 101.5

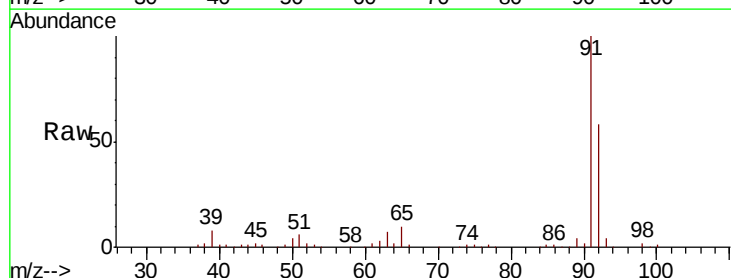


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

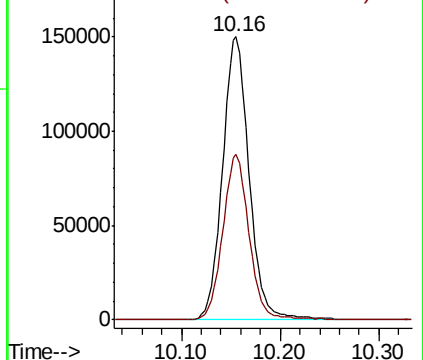
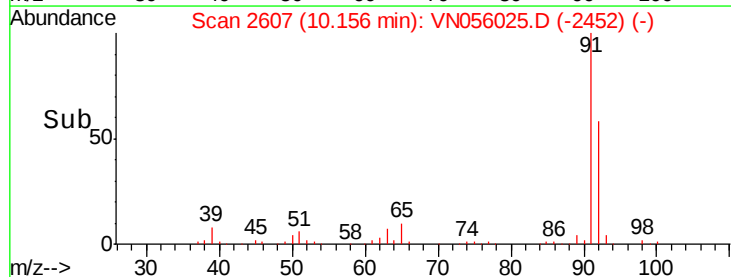


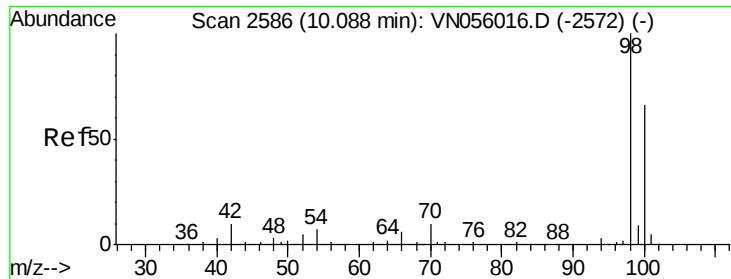
#62
Toluene
Concen: 20.118 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 91 Resp: 284010
Ion Ratio Lower Upper
91 100
92 57.8 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.894 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

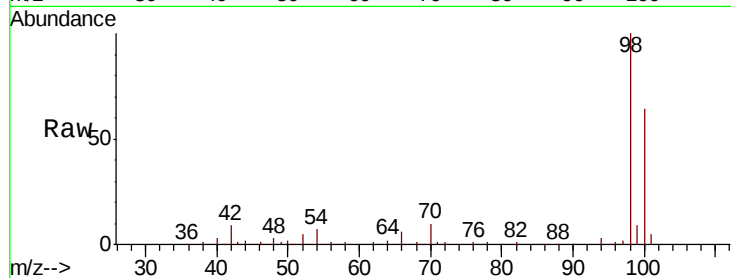
VN0606WBS01

Tot Ion: 98 Resp: 366498

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4



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

Ion 100.00 (99.70 to 100.70): VN056025.D (-2431) (-)

10.09

200000

150000

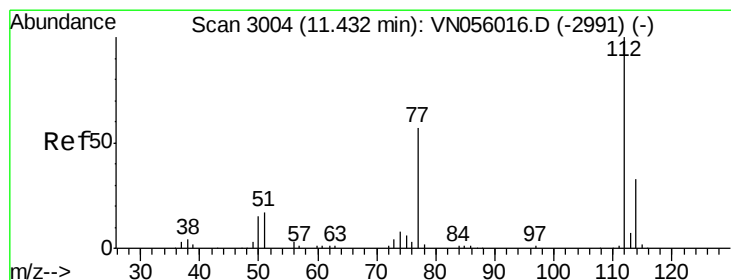
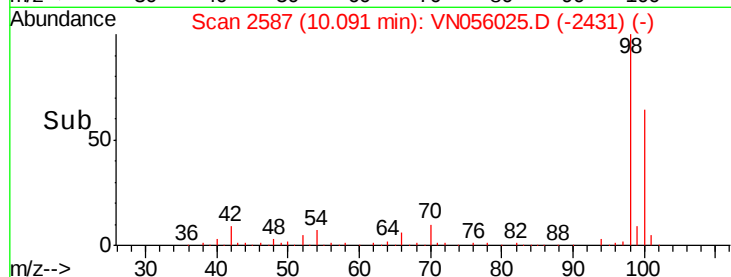
100000

50000

0

10.00 10.10 10.20

Time-->



#64

Chlorobenzene

Concen: 19.811 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056025.D

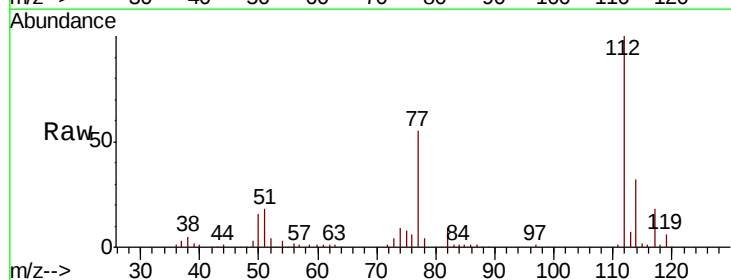
Acq: 5 Jun 2019 23:53

Tgt Ion: 112 Resp: 169645

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): VN056025.D (-2849) (-)

11.43

100000

80000

60000

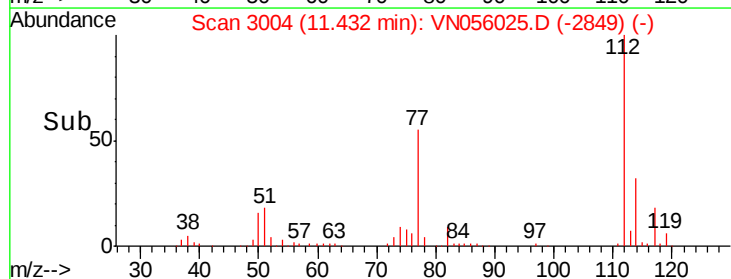
40000

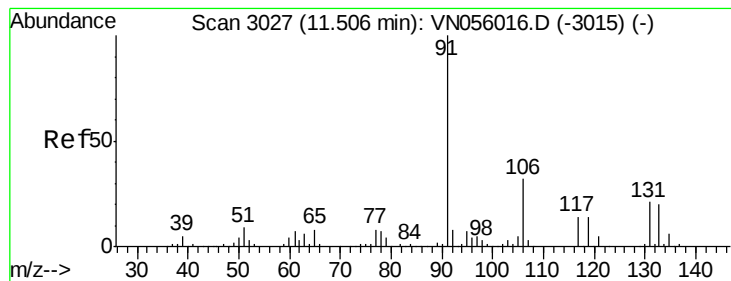
20000

0

11.40 11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.589 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampled :

VN0606WBS01

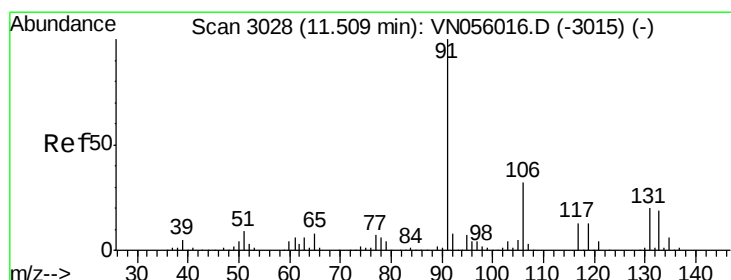
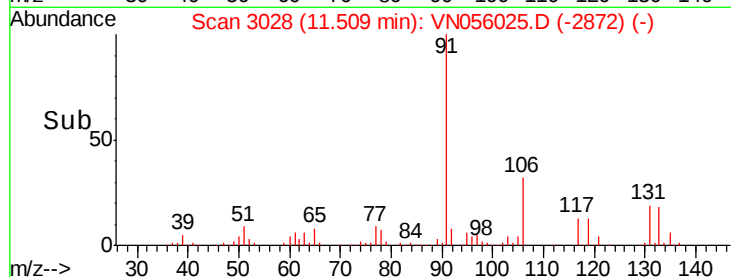
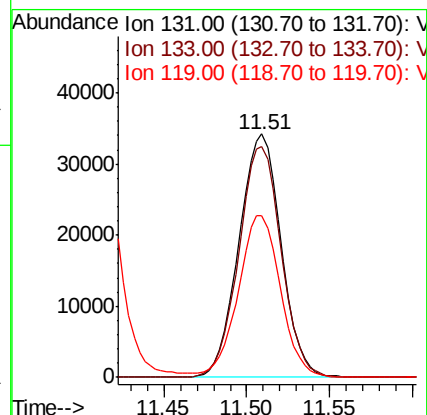
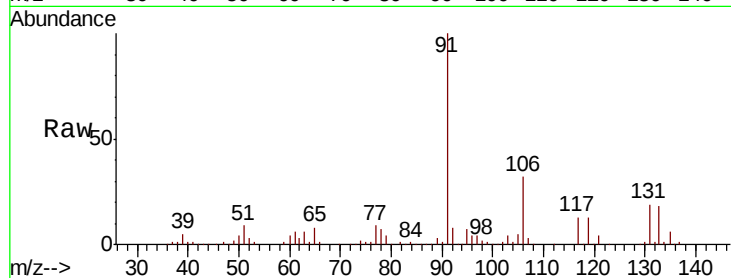
Tot Ion:131 Resp: 60486

Ion Ratio Lower Upper

131 100

133 95.4 0.0 193.8

119 66.7 0.0 134.4



#66

Ethyl Benzene

Concen: 19.953 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056025.D

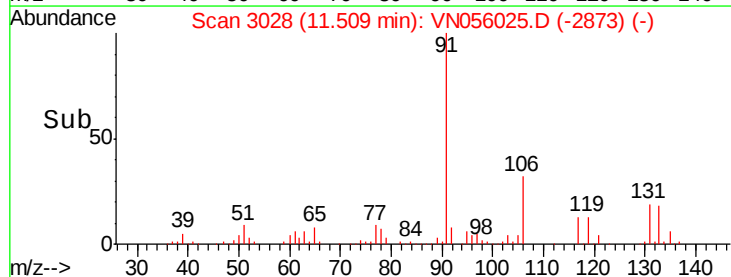
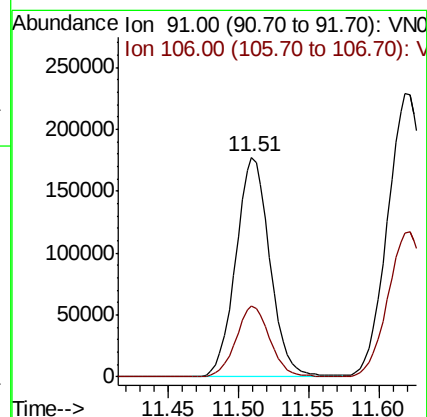
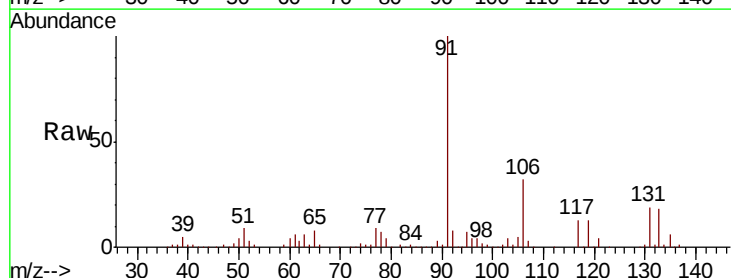
Acq: 5 Jun 2019 23:53

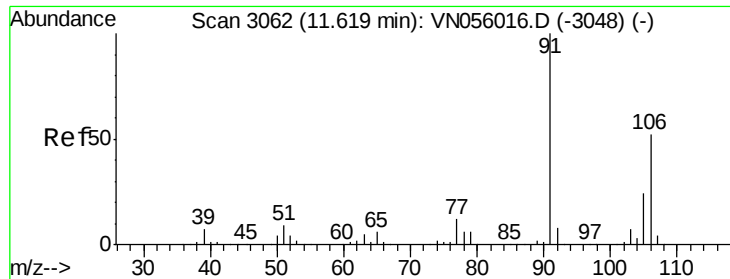
Tgt Ion: 91 Resp: 300028

Ion Ratio Lower Upper

91 100

106 32.3 25.7 38.5

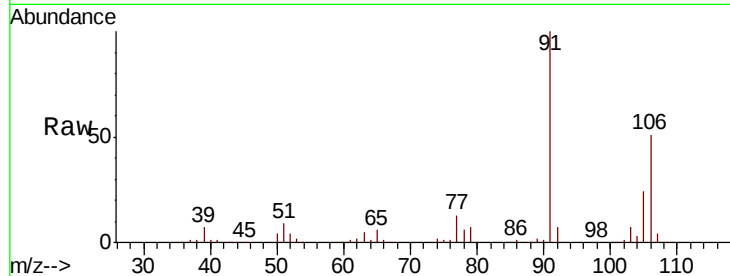




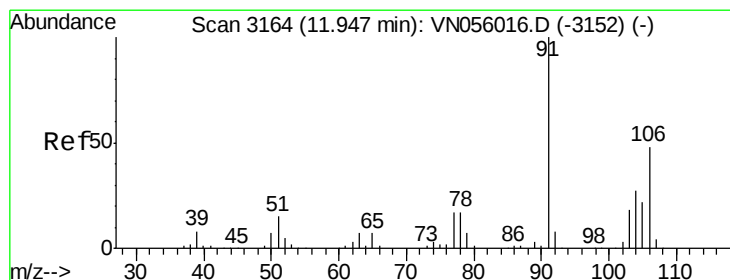
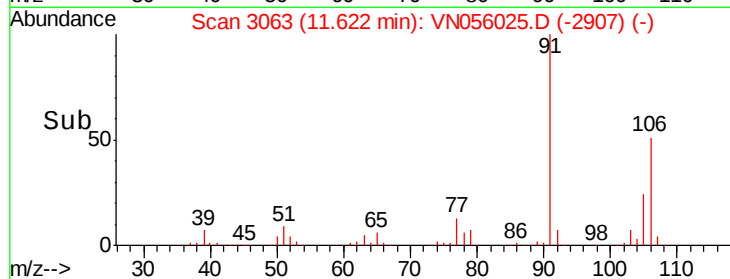
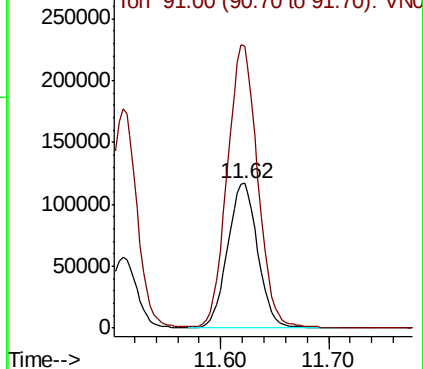
#67
m/p-Xvlenes
Concen: 39.682 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Instrument :
MSVOA_N
ClientSampled :
VN0606WBS01

Tot Ion:106 Resp: 228384
Ion Ratio Lower Upper
106 100
91 196.7 155.7 233.5

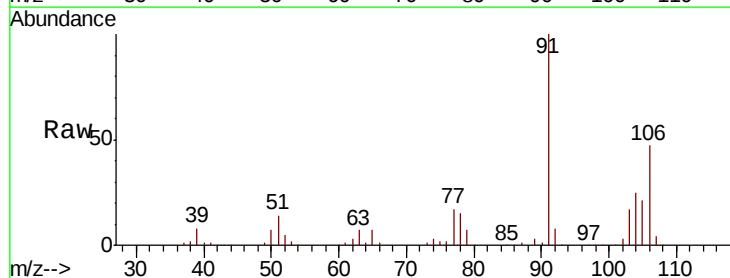


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

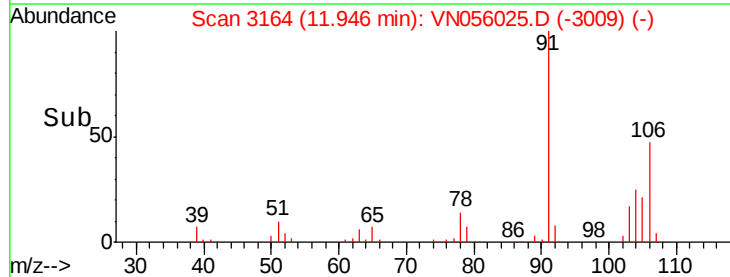
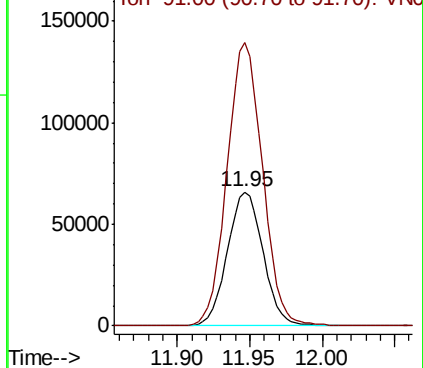


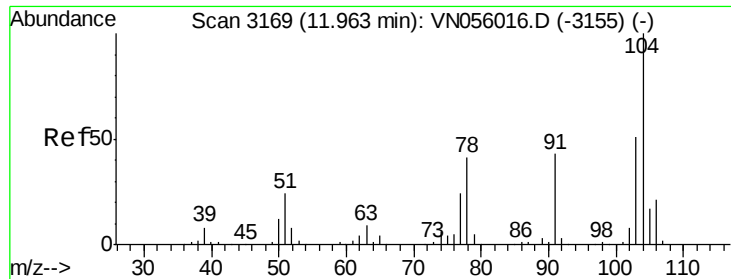
#68
o-Xylene
Concen: 20.028 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion:106 Resp: 112850
Ion Ratio Lower Upper
106 100
91 210.2 103.9 311.7



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

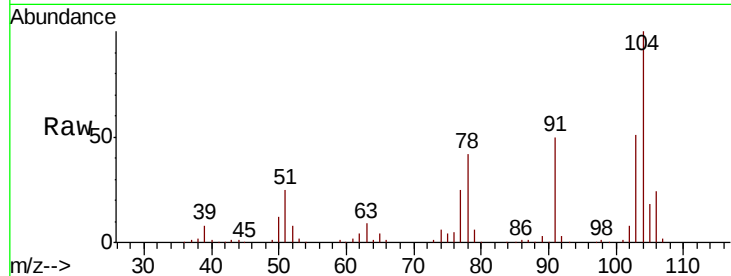




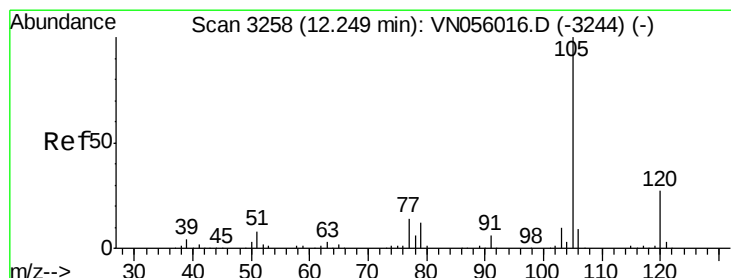
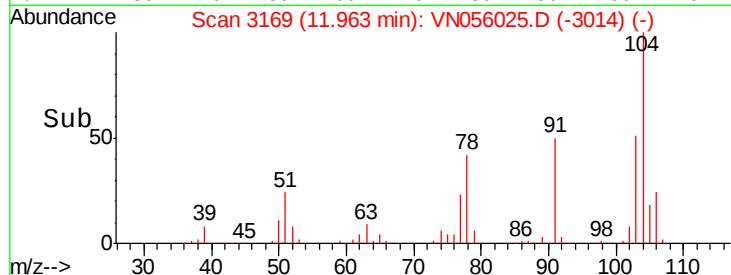
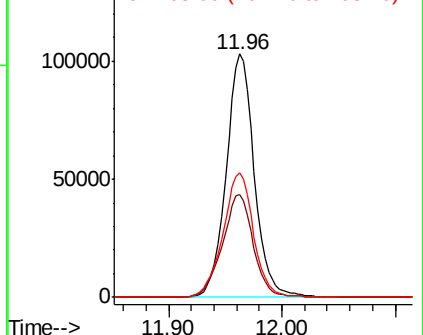
#69
Stvrene
Concen: 19.417 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Instrument :
MSVOA_N
ClientSampled :
VN0606WBS01

Tot Ion:104 Resp: 177752
Ion Ratio Lower Upper
104 100
78 46.5 37.0 55.6
103 55.8 44.4 66.6

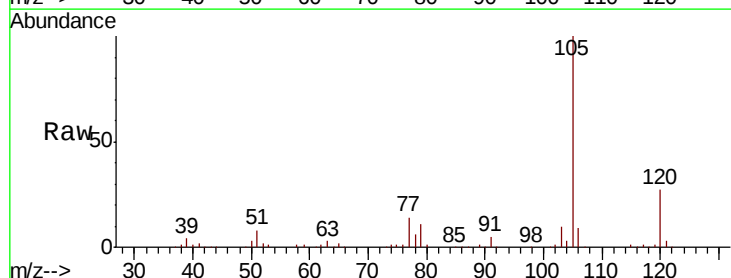


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

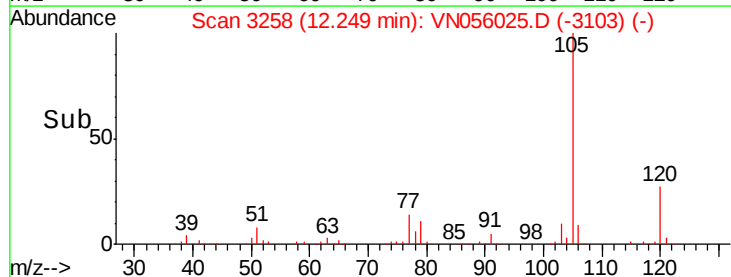
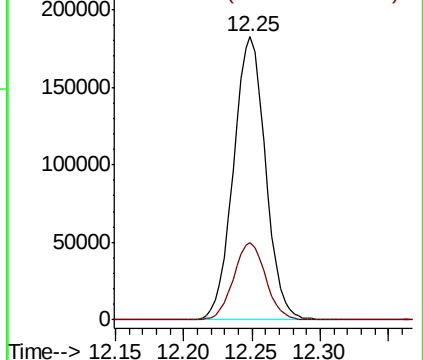


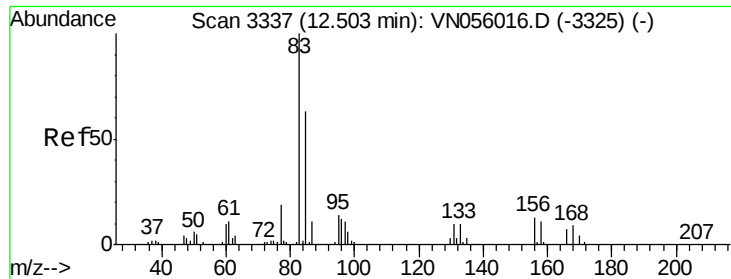
#70
Isopropylbenzene
Concen: 20.242 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion:105 Resp: 297988
Ion Ratio Lower Upper
105 100
120 27.3 19.3 35.8



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

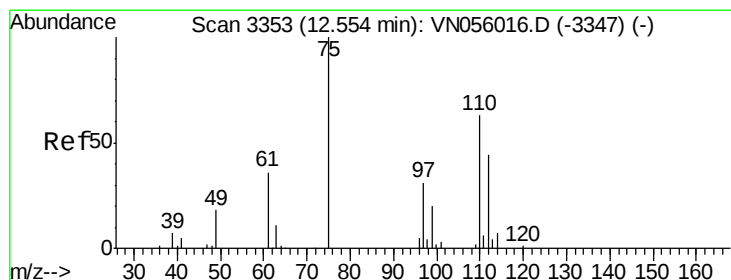
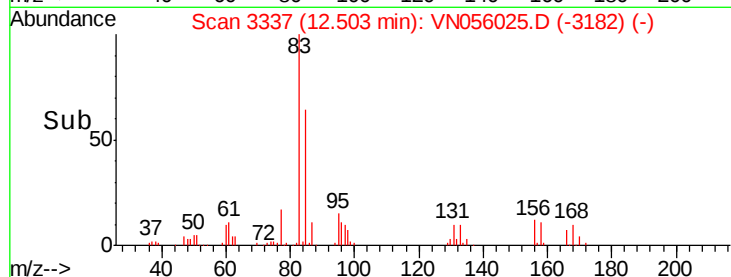
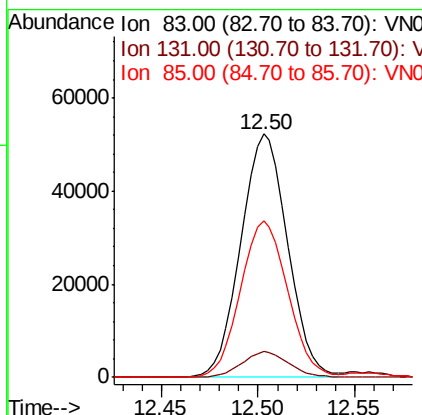
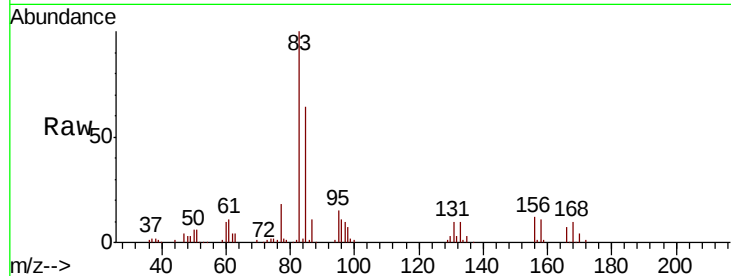




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.858 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

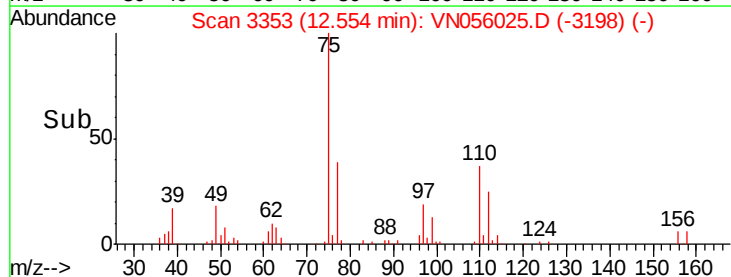
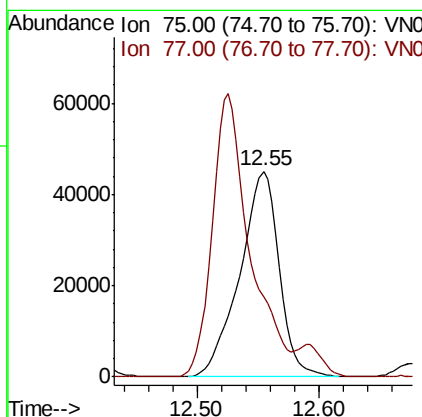
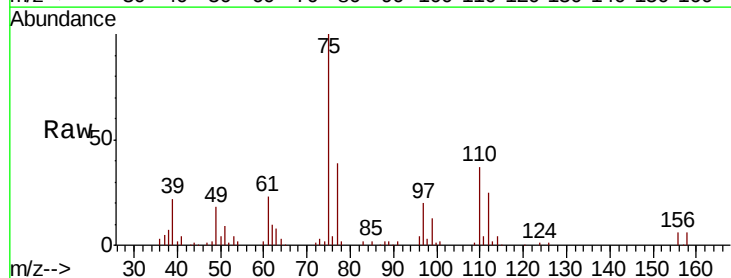
Instrument :
 MSVOA_N
 ClientSampled :
 VN0606WBS01

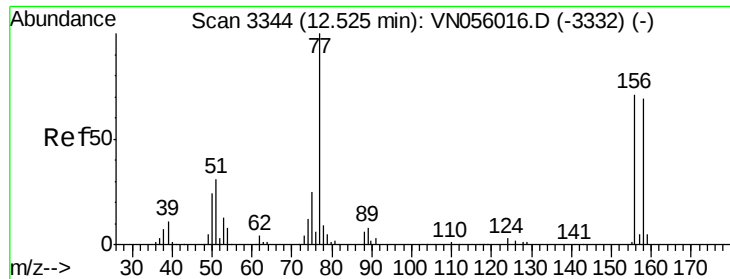
Tot Ion	83	Resp	88137
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	64.9	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 26.086 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion	75	Resp	100230
Ion Ratio	Lower	Upper	
75	100		
77	132.8	0.0	350.0





#73

Bromobenzene

Concen: 19.753 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

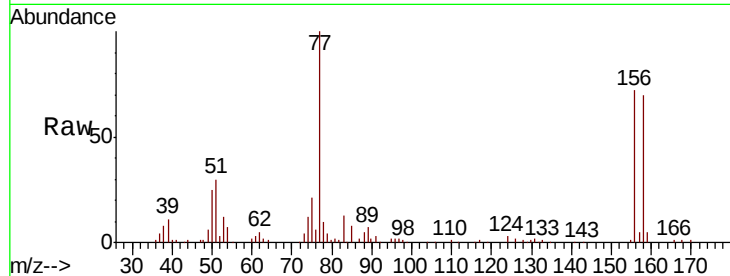
Tot Ion:156 Resp: 77186

Ion Ratio Lower Upper

156 100

77 172.4 0.0 350.8

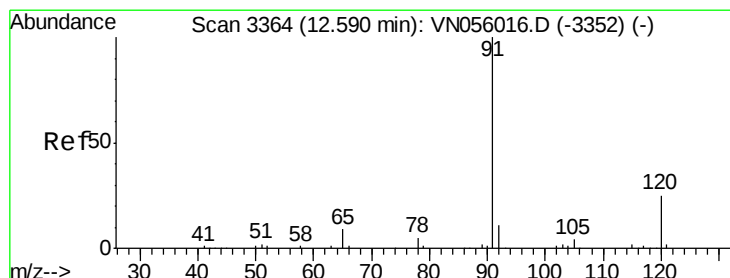
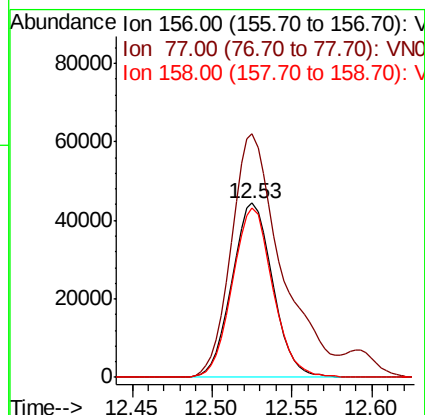
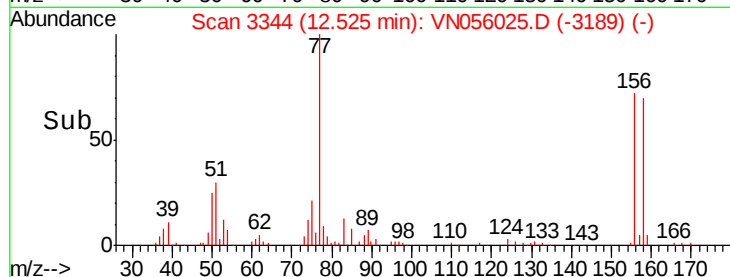
158 96.2 0.0 193.2



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: 19.587 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056025.D

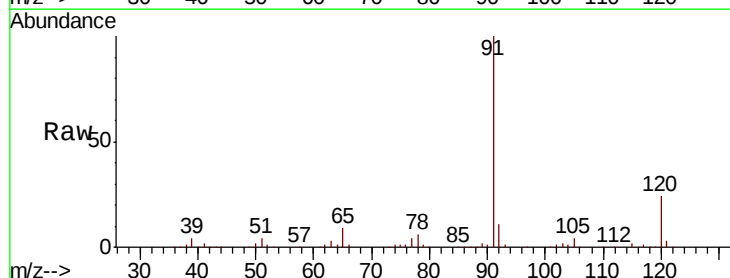
Acq: 5 Jun 2019 23:53

Tgt Ion: 91 Resp: 304304

Ion Ratio Lower Upper

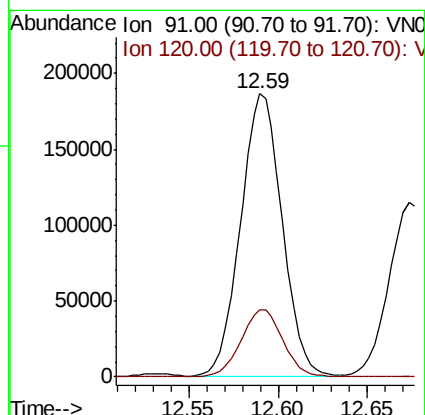
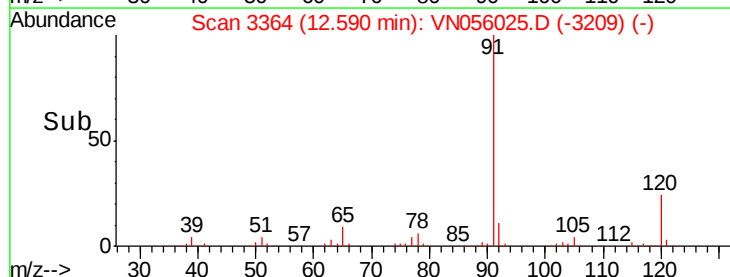
91 100

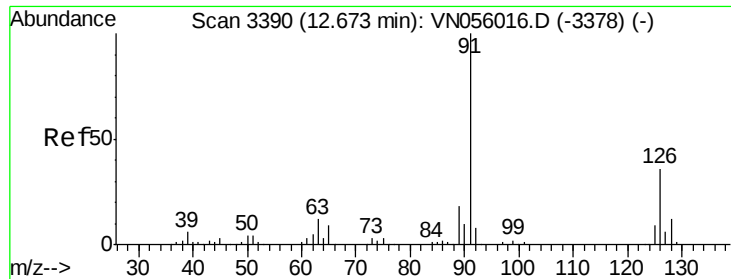
120 23.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.844 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampled :

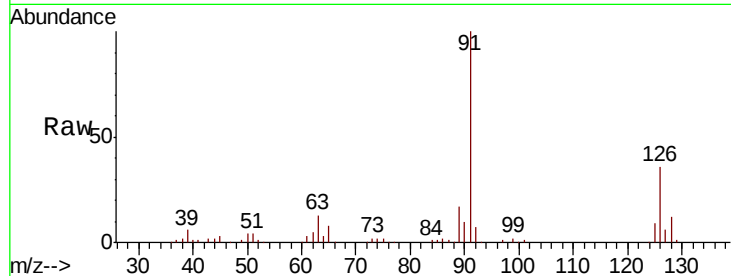
VN0606WBS01

Tot Ion: 91 Resp: 191221

Ion Ratio Lower Upper

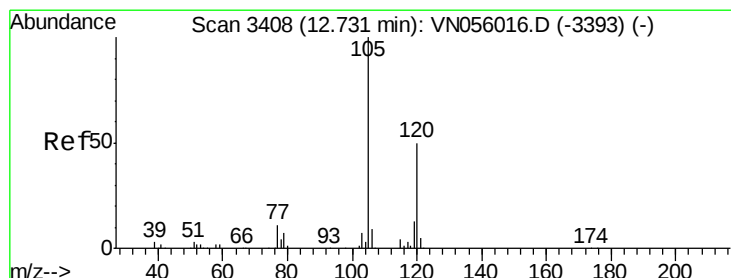
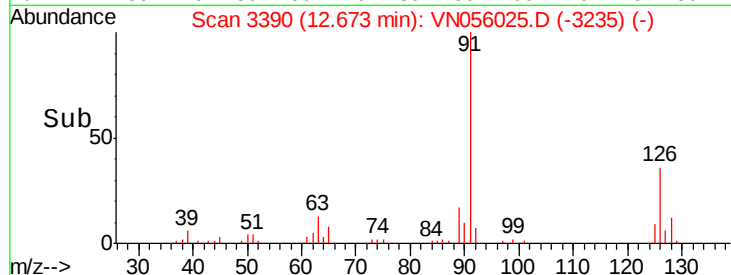
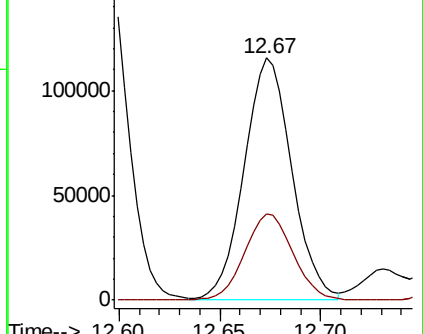
91 100

126 36.2 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.734 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056025.D

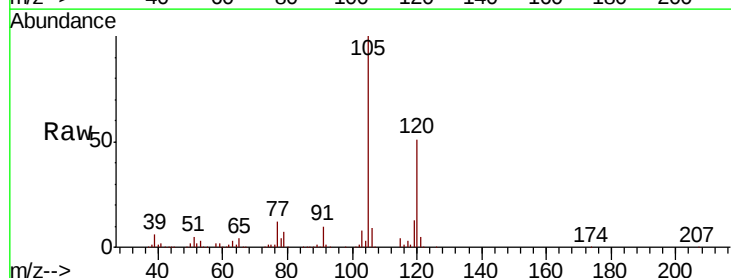
Acq: 5 Jun 2019 23:53

Tgt Ion:105 Resp: 238970

Ion Ratio Lower Upper

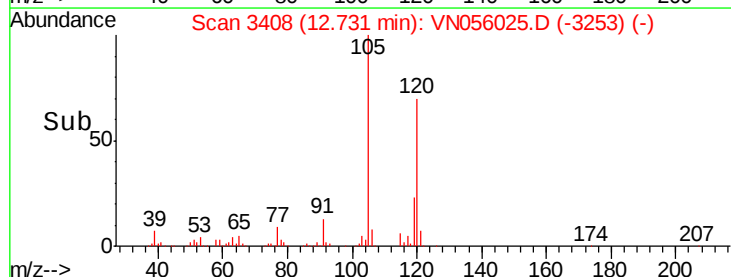
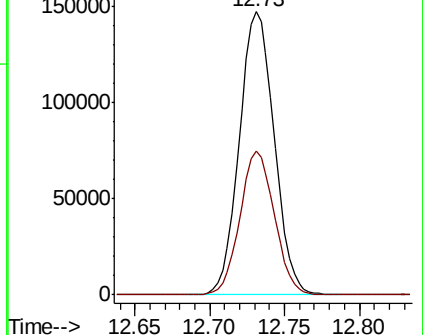
105 100

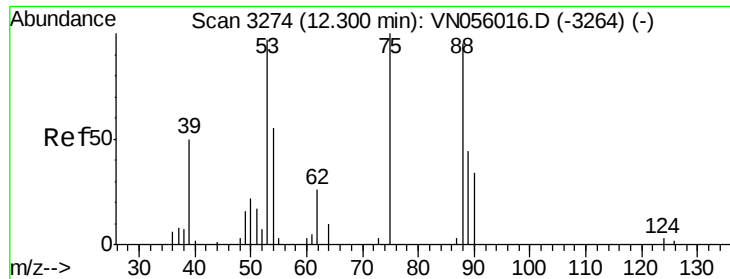
120 50.1 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

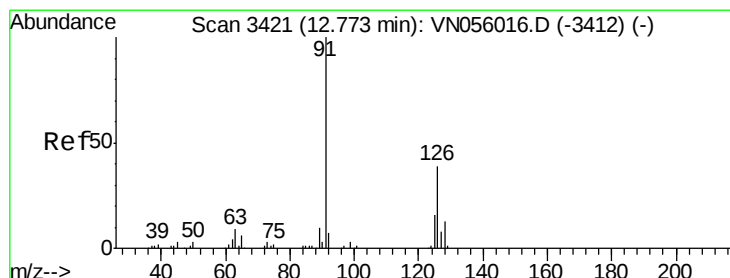
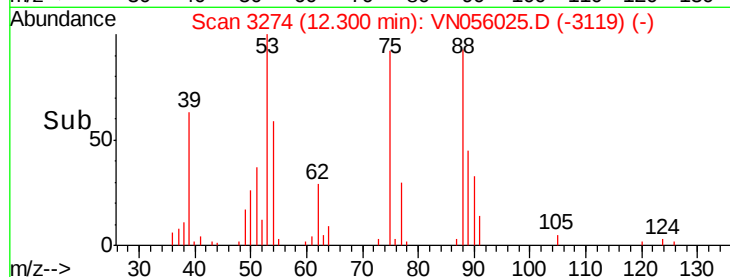
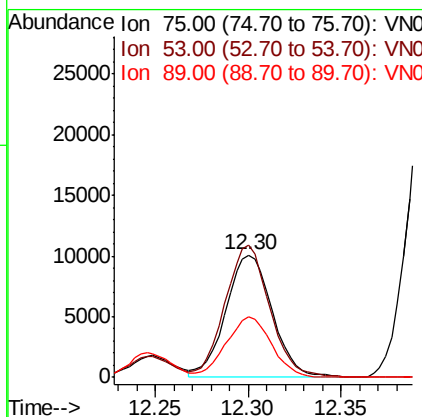
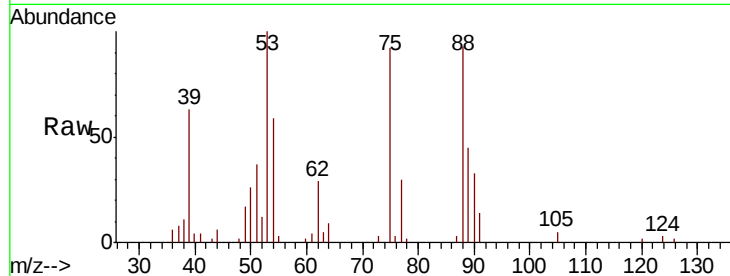




#77
t-1,4-Dichloro-2-butene
Concen: 16.030 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

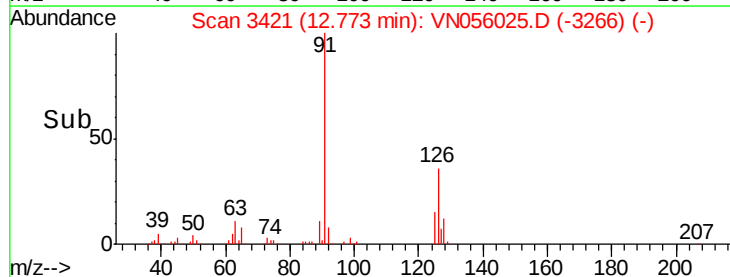
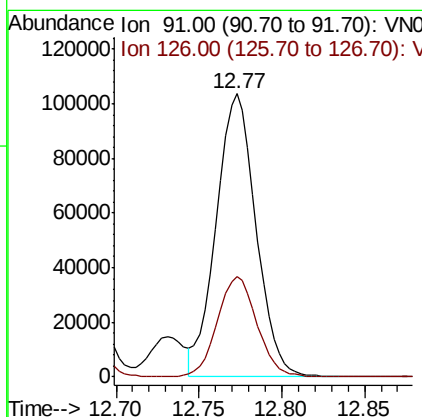
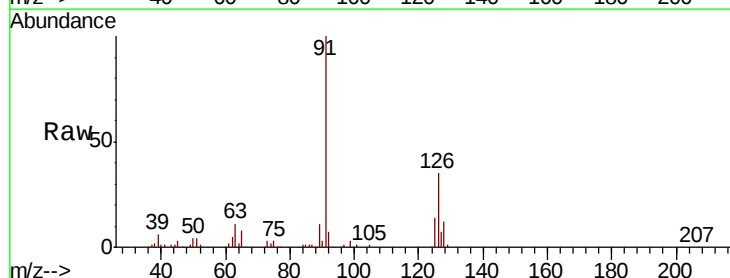
Instrument :
MSVOA_N
ClientSampled :
VN0606WBS01

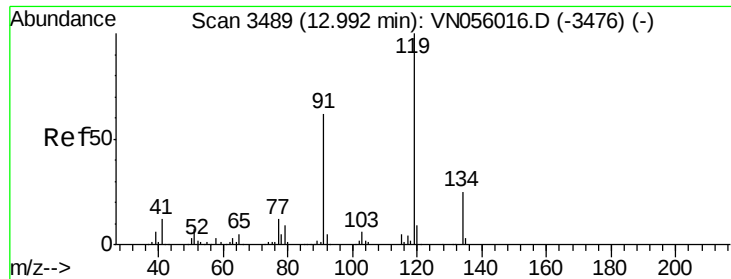
Tot Ion: 75 Resp: 17575
Ion Ratio Lower Upper
75 100
53 106.9 48.0 144.0
89 49.2 22.5 67.5



#78
4-Chlorotoluene
Concen: 19.137 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion: 91 Resp: 172220
Ion Ratio Lower Upper
91 100
126 35.3 0.0 71.8

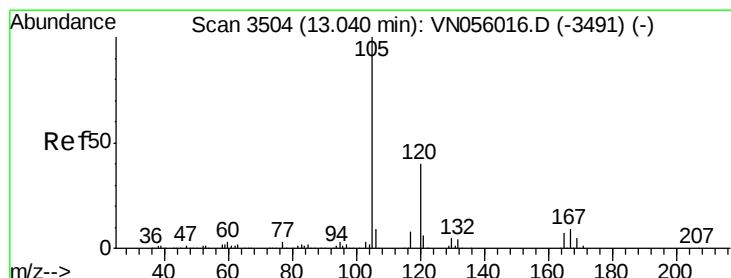
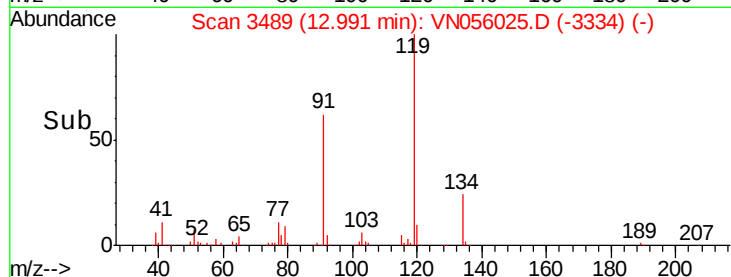
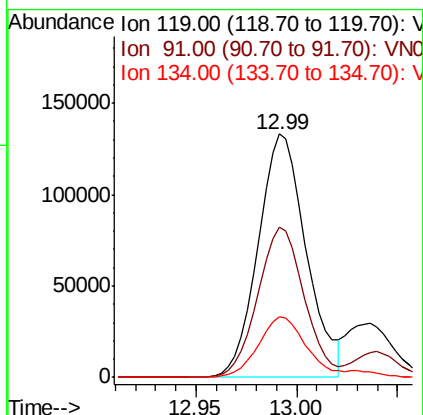
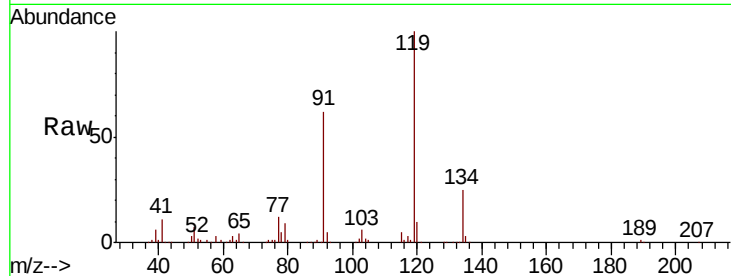




#79
tert-butylbenzene
Concen: 20.614 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

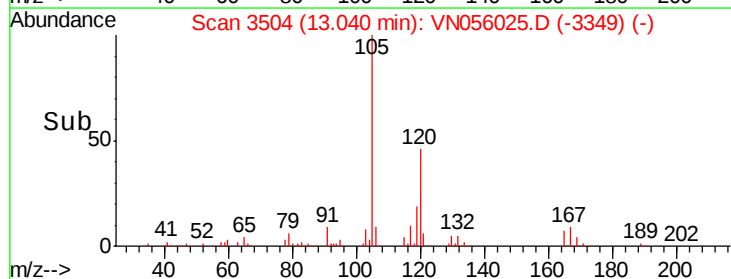
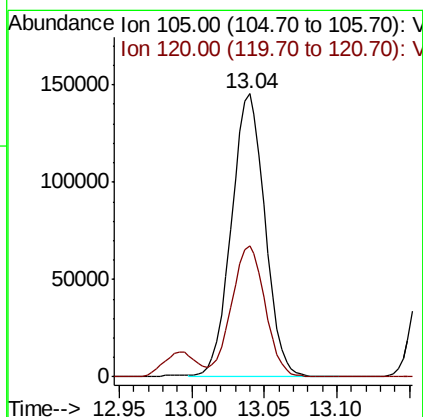
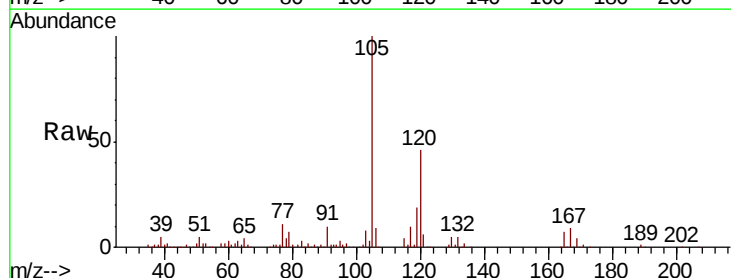
Instrument :
MSVOA_N
ClientSampled :
VN0606WBS01

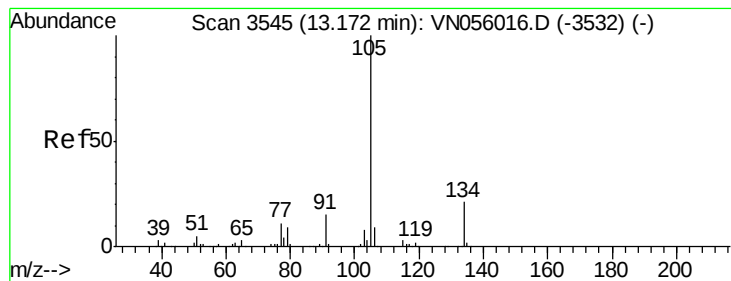
Tot Ion:119 Resp: 221159
Ion Ratio Lower Upper
119 100
91 59.6 0.0 122.8
134 24.6 0.0 50.2



#80
1,2,4-Trimethylbenzene
Concen: 19.821 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN056025.D
Acq: 5 Jun 2019 23:53

Tgt Ion:105 Resp: 233482
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.4





#81

sec-Butylbenzene

Concen: 19.783 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

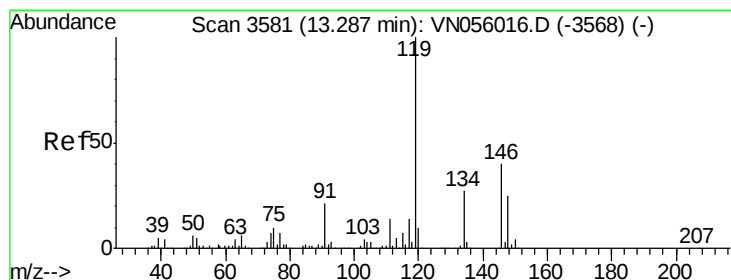
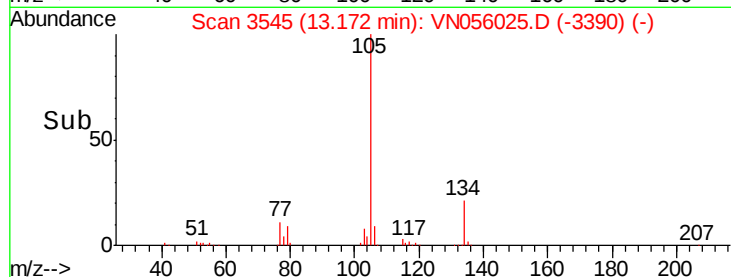
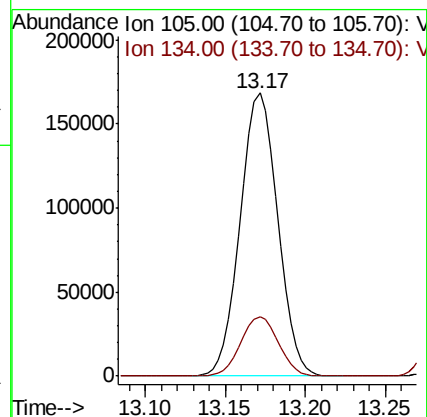
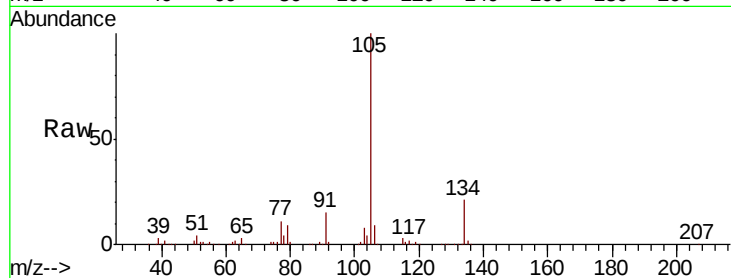
VN0606WBS01

Tot Ion:105 Resp: 268487

Ion Ratio Lower Upper

105 100

134 21.2 0.0 41.8



#82

p-Isopropyltoluene

Concen: 19.618 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

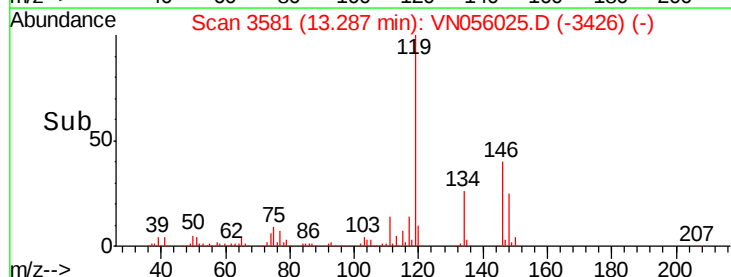
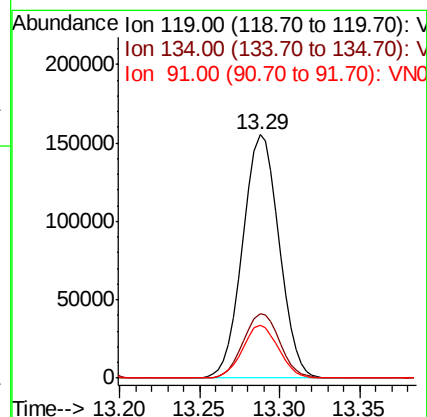
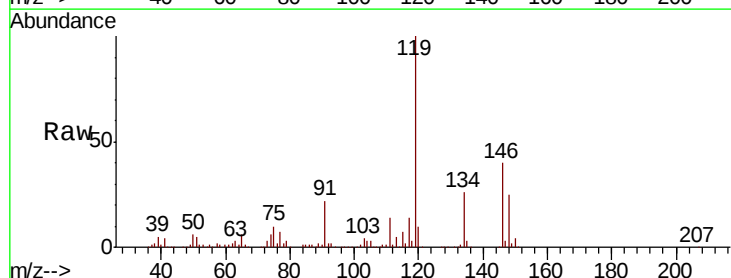
Tgt Ion:119 Resp: 240720

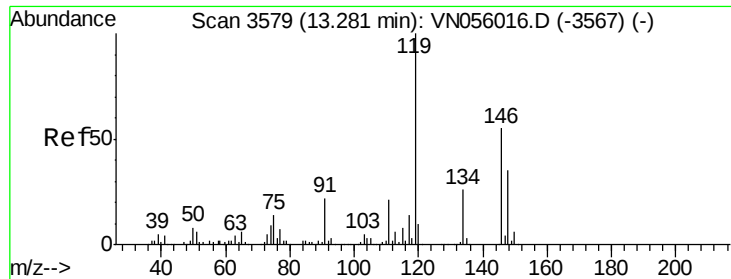
Ion Ratio Lower Upper

119 100

134 26.4 0.0 53.4

91 21.4 0.0 43.0

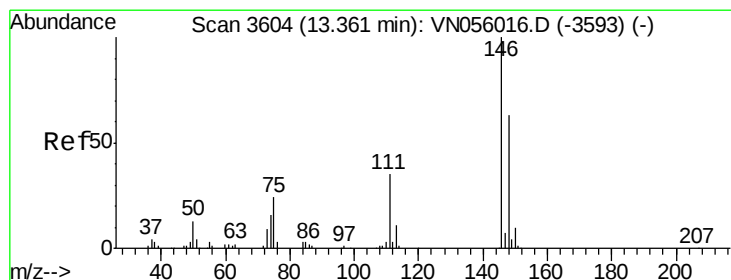
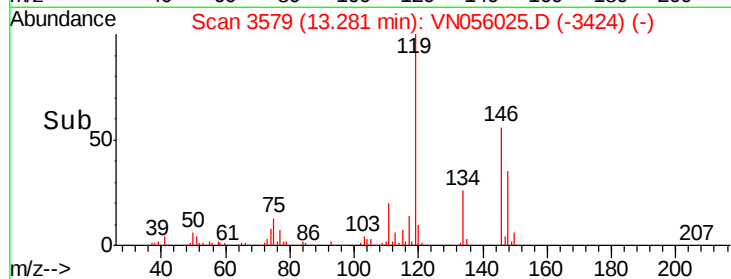
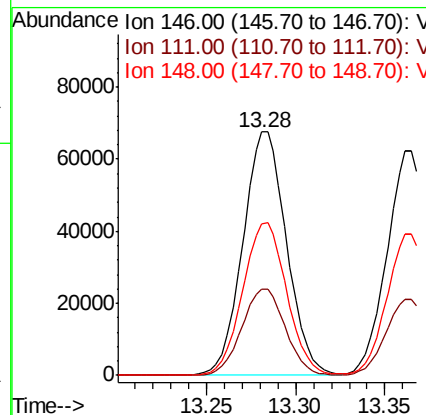
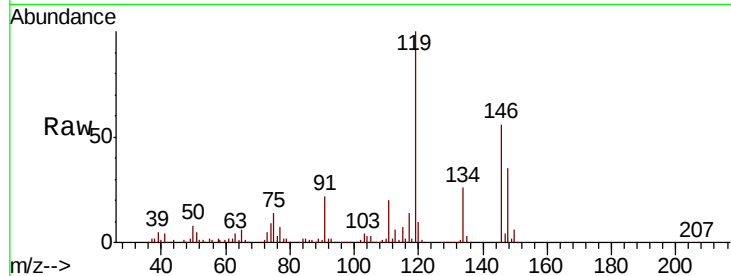




#83
 1,3-Dichlorobenzene
 Concen: 19.012 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

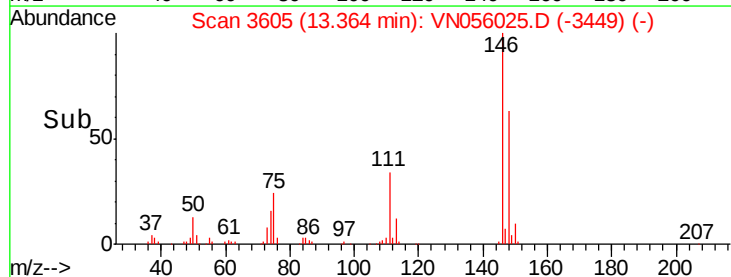
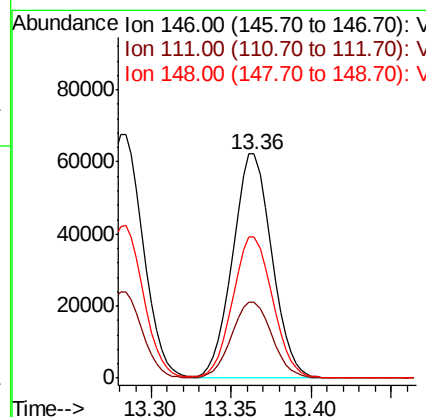
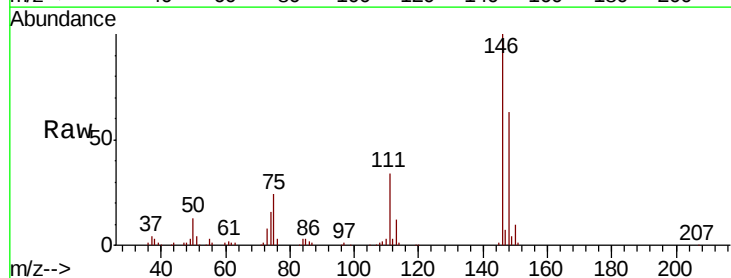
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

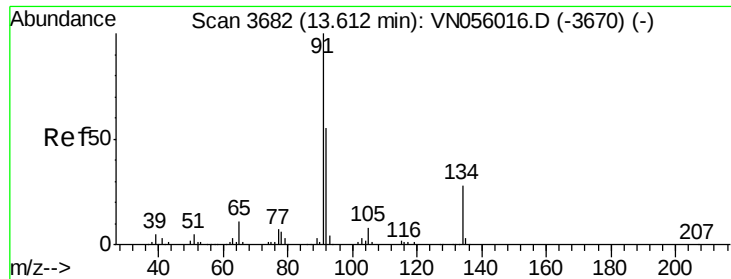
Tot Ion:146 Resp: 115777
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.2 54.6
 148 63.2 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 17.991 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion:146 Resp: 104357
 Ion Ratio Lower Upper
 146 100
 111 34.8 17.6 52.9
 148 64.2 32.1 96.3





#85

n-Butylbenzene

Concen: 18.103 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampled :

VN0606WBS01

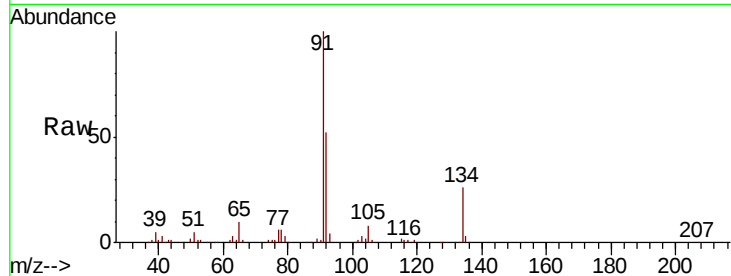
Tot Ion: 91 Resp: 165789

Ion Ratio Lower Upper

91 100

92 52.2 0.0 107.2

134 27.0 0.0 55.8



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

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

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

13.61

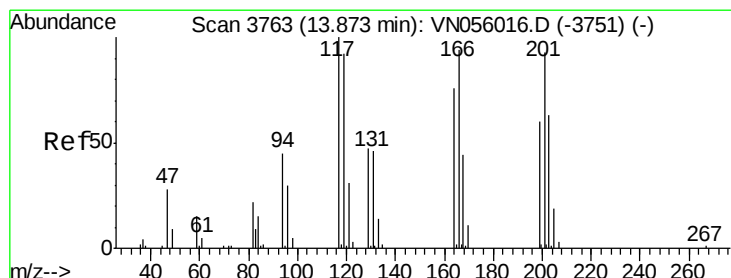
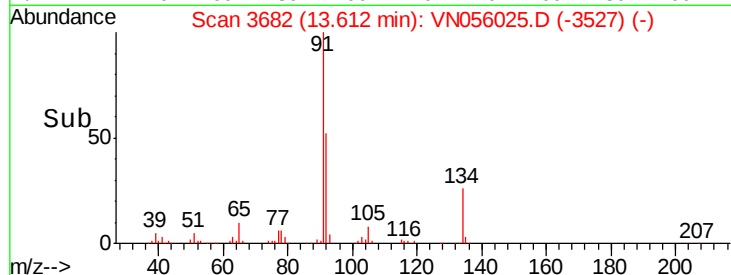
100000

50000

0

13.55 13.60 13.65

Time-->



#86

Hexachloroethane

Concen: 18.471 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056025.D

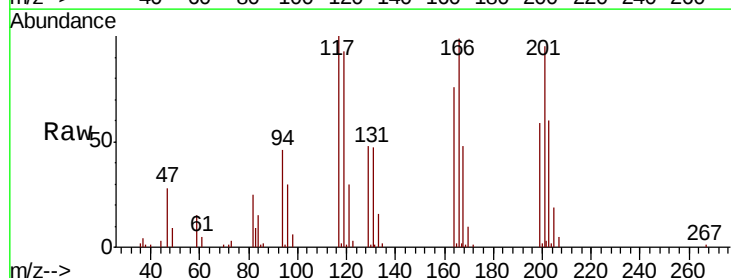
Acq: 5 Jun 2019 23:53

Tgt Ion: 117 Resp: 35334

Ion Ratio Lower Upper

117 100

201 95.8 48.1 144.4



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

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

25000

20000

15000

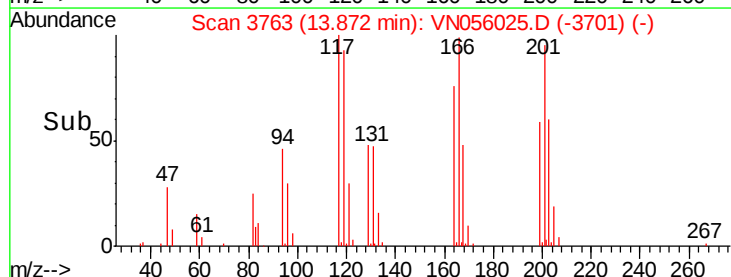
10000

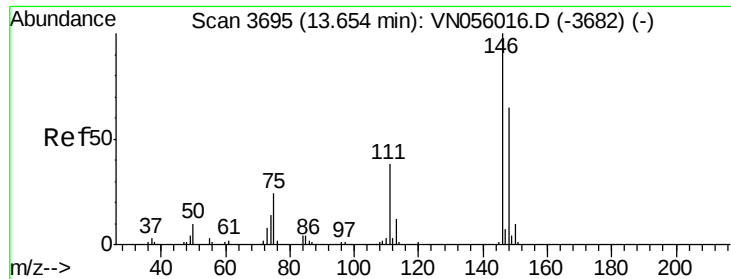
5000

0

13.85 13.90

Time-->





#87

1,2-Dichlorobenzene

Concen: 18.810 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampled :

VN0606WBS01

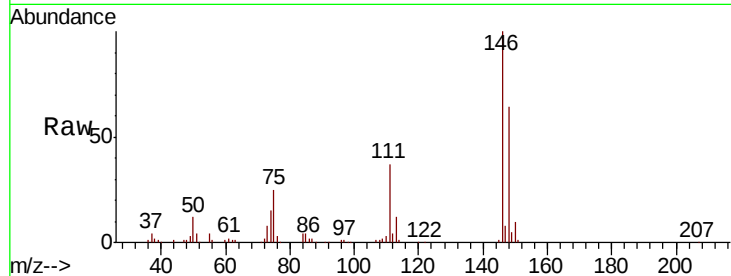
Tot Ion:146 Resp: 116433

Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.9

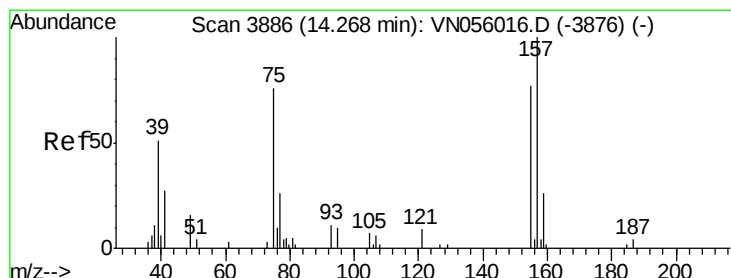
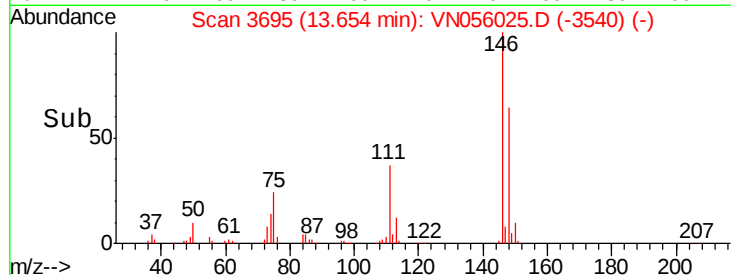
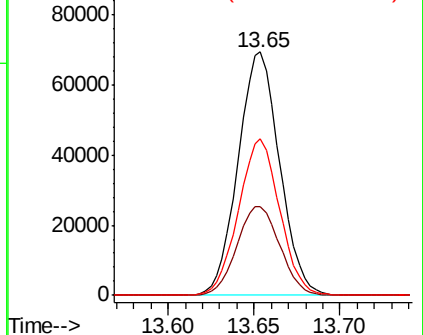
148 63.7 32.6 97.8



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: 17.936 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

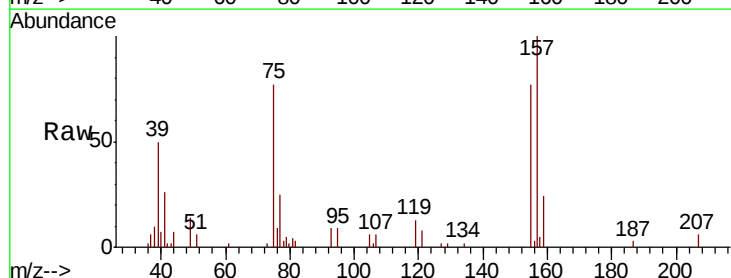
Tgt Ion: 75 Resp: 12496

Ion Ratio Lower Upper

75 100

155 99.6 82.5 123.7

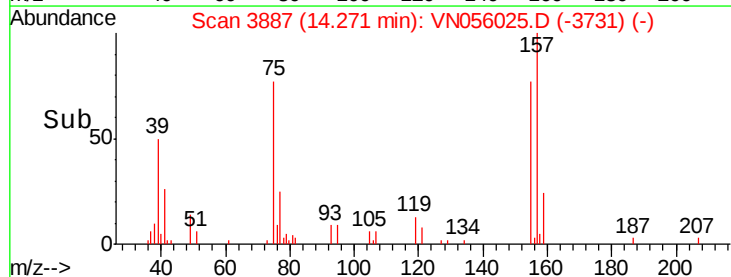
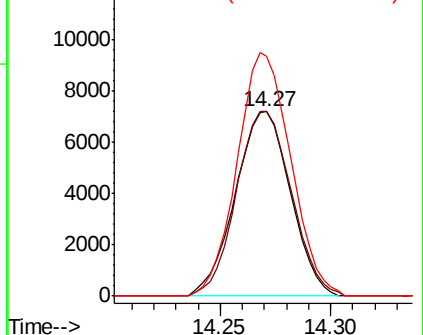
157 128.6 105.1 157.7

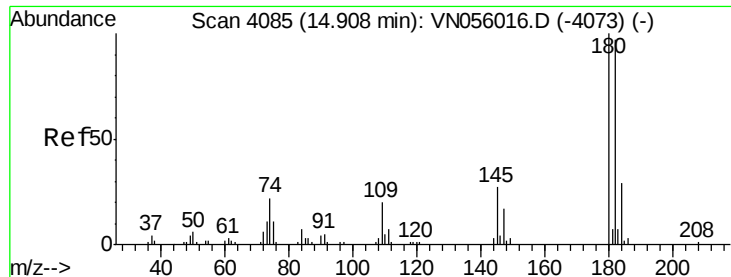


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

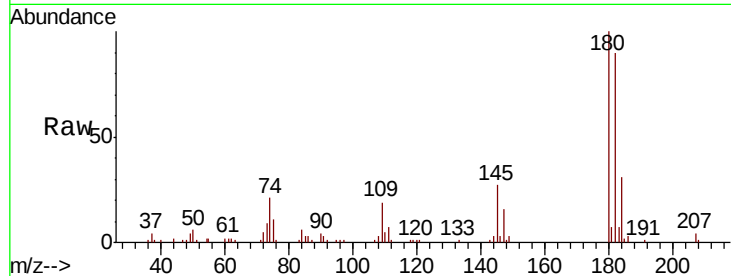




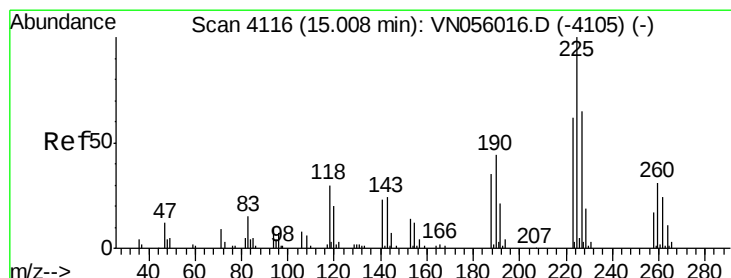
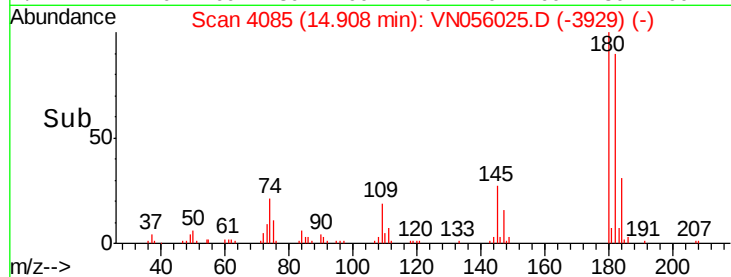
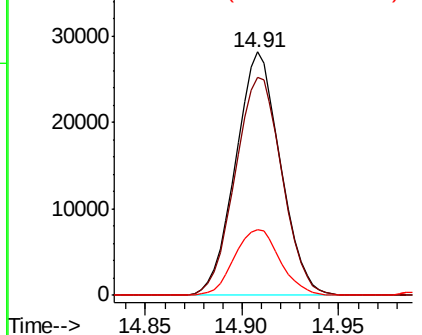
#89
 1,2,4-Trichlorobenzene
 Concen: 18.992 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

Tot Ion:180 Resp: 45317
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.0 112.6
 145 27.5 22.1 33.1

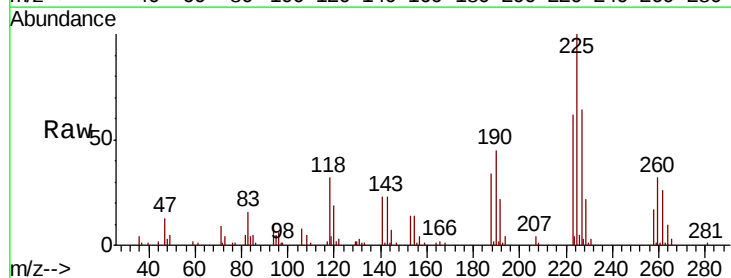


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

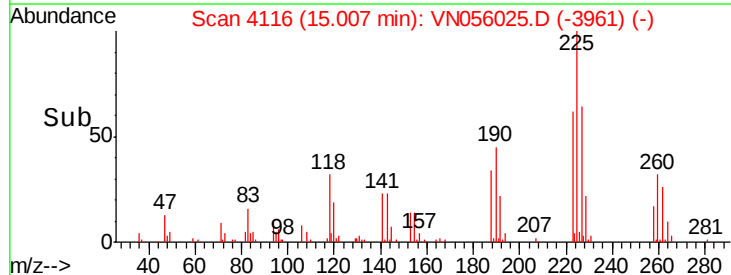
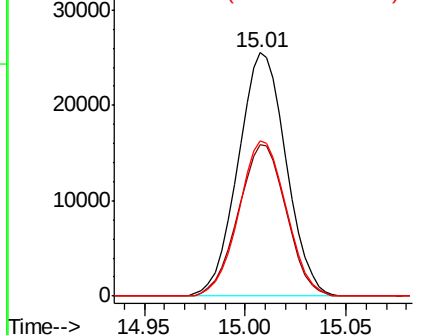


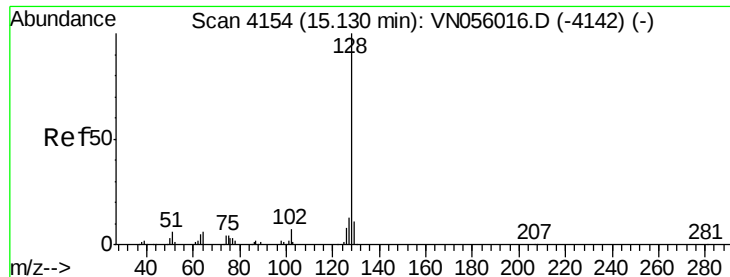
#90
 Hexachlorobutadiene
 Concen: 18.847 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN056025.D
 Acq: 5 Jun 2019 23:53

Tgt Ion:225 Resp: 42588
 Ion Ratio Lower Upper
 225 100
 223 61.9 0.0 125.6
 227 63.0 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: 15.238 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

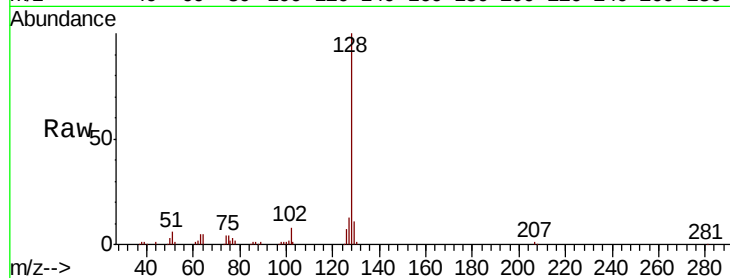
Tot Ion:128 Resp: 125265

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

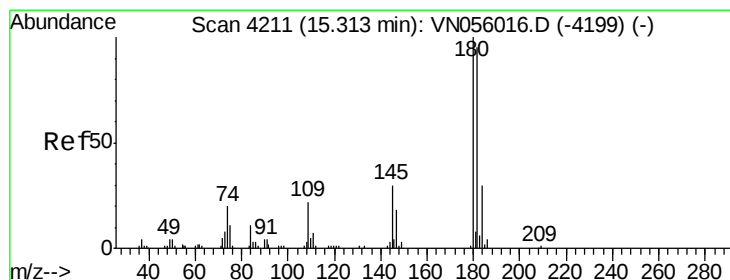
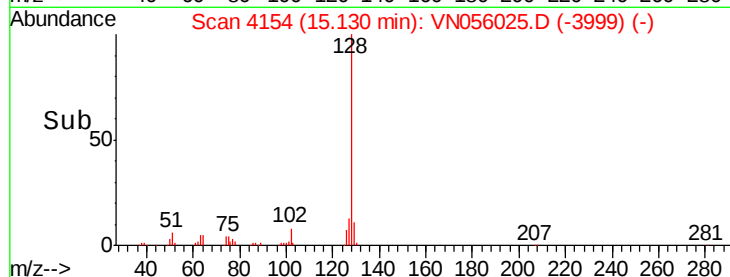
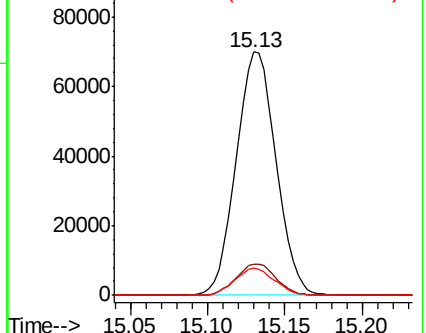
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.427 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN056025.D

Acq: 5 Jun 2019 23:53

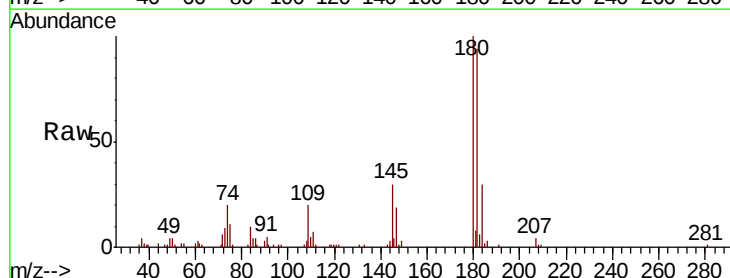
Tgt Ion:180 Resp: 53224

Ion Ratio Lower Upper

180 100

182 93.0 0.0 193.4

145 29.7 0.0 59.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

