

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056874.D
 Acq On : 23 Jul 2019 13:23
 Operator : JC/SP
 Sample : VN0723WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Quant Time: Jul 24 01:13:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	339713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	517986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	454663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181259	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	187618	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
35) Dibromofluoromethane	7.59	113	167127	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	10.09	98	636340	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.40	95	202750	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	86266	20.509	ug/l	100
3) Chloromethane	2.06	50	99872	21.065	ug/l	99
4) Vinyl Chloride	2.19	62	94110	21.607	ug/l	100
5) Bromomethane	2.55	94	54828	20.696	ug/l	99
6) Chloroethane	2.70	64	49578	20.771	ug/l	100
7) Trichlorofluoromethane	3.01	101	110965	20.854	ug/l	99
8) Diethyl Ether	3.40	74	41169	20.765	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	68868	20.928	ug/l	98
10) Methyl Iodide	3.94	142	91769	19.914	ug/l	99
11) Tert butyl alcohol	4.81	59	59928	116.423	ug/l	97
12) 1,1-Dichloroethene	3.73	96	68444	20.761	ug/l	97
13) Acrolein	3.60	56	37877	88.437	ug/l	100
14) Allyl chloride	4.32	41	111229	20.522	ug/l	100
15) Acrylonitrile	4.99	53	167922	108.415	ug/l	100
16) Acetone	3.82	43	139572	106.963	ug/l	96
17) Carbon Disulfide	4.04	76	177638	19.742	ug/l	100
18) Methyl Acetate	4.33	43	95932	21.378	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	203897	20.934	ug/l	97
20) Methylene Chloride	4.55	84	79999	20.503	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	71335	20.715	ug/l	93
22) Diisopropyl ether	5.96	45	237062	21.635	ug/l	98
23) Vinyl Acetate	5.90	43	836667	105.707	ug/l	100
24) 1,1-Dichloroethane	5.84	63	134443	21.178	ug/l	99
25) 2-Butanone	6.84	43	210669	109.838	ug/l	99
26) 2,2-Dichloropropane	6.82	77	95369	21.469	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	81694	20.693	ug/l	98
28) Bromochloromethane	7.19	49	59533	20.659	ug/l	100
29) Tetrahydrofuran	7.22	42	144096	109.271	ug/l	99
30) Chloroform	7.37	83	132854	20.876	ug/l	97
31) Cyclohexane	7.65	56	124913	20.281	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	108166	21.010	ug/l	99
36) 1,1-Dichloropropene	7.79	75	97567	20.425	ug/l	99
37) Ethyl Acetate	6.93	43	85256	22.132	ug/l	99
38) Carbon Tetrachloride	7.77	117	92182	20.271	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 VN0723WBSD01

Quant Time: Jul 24 01:13:54 2019
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 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	122024	20.414	ug/l	99
40) Benzene	8.04	78	308894	20.818	ug/l	100
41) Methacrylonitrile	7.17	41	41813	21.861	ug/l	94
42) 1,2-Dichloroethane	8.12	62	98621	21.272	ug/l	99
43) Isopropyl Acetate	8.17	43	138609	20.931	ug/l	99
44) Trichloroethene	8.83	130	82878	20.855	ug/l	99
45) 1,2-Dichloropropane	9.12	63	82420	20.619	ug/l	98
46) Dibromomethane	9.21	93	51309	20.796	ug/l	99
47) Bromodichloromethane	9.40	83	97883	21.096	ug/l	96
48) Methyl methacrylate	9.20	41	70772	21.363	ug/l	98
49) 1,4-Dioxane	9.20	88	28010	431.044	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	426890	108.099	ug/l	100
52) Toluene	10.15	92	188460	21.107	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	98998	20.789	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	115755	20.619	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	74659	21.067	ug/l	99
56) Ethyl methacrylate	10.43	69	105283	21.400	ug/l	99
57) 1,3-Dichloropropane	10.71	76	121993	20.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	203796	91.674	ug/l	100
59) 2-Hexanone	10.75	43	293585	107.403	ug/l	99
60) Dibromochloromethane	10.90	129	75800	21.315	ug/l	98
61) 1,2-Dibromoethane	11.00	107	74932	21.290	ug/l	98
64) Tetrachloroethene	10.63	164	85155	21.832	ug/l	98
65) Chlorobenzene	11.43	112	198541	21.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	73998	20.774	ug/l	99
67) Ethyl Benzene	11.51	91	342961	21.027	ug/l	99
68) m/p-Xylenes	11.62	106	257923	42.239	ug/l	100
69) o-Xylene	11.94	106	124297	20.852	ug/l	97
70) Styrene	11.96	104	203898	19.809	ug/l	99
71) Bromoform	12.12	173	51312	20.787	ug/l #	100
73) Isopropylbenzene	12.25	105	331135	21.975	ug/l	100
74) N-amyl acetate	12.07	43	107950	20.284	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	99558	23.386	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	114994	30.612	ug/l #	100
77) Bromobenzene	12.53	156	87013	22.008	ug/l	99
78) n-propylbenzene	12.59	91	357703	21.470	ug/l	99
79) 2-Chlorotoluene	12.67	91	218957	22.136	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	278330	21.969	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	25284	21.558	ug/l	97
82) 4-Chlorotoluene	12.77	91	204647	20.646	ug/l	99
83) tert-Butylbenzene	12.99	119	241988	22.130	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	270985	21.580	ug/l	99
85) sec-Butylbenzene	13.17	105	310028	21.009	ug/l	100
86) p-Isopropyltoluene	13.29	119	275730	20.974	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	132324	20.879	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	124840	20.276	ug/l	99
89) n-Butylbenzene	13.61	91	210532	20.829	ug/l	100
90) Hexachloroethane	13.87	117	47558	20.721	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	135250	21.232	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	14134	20.379	ug/l	97

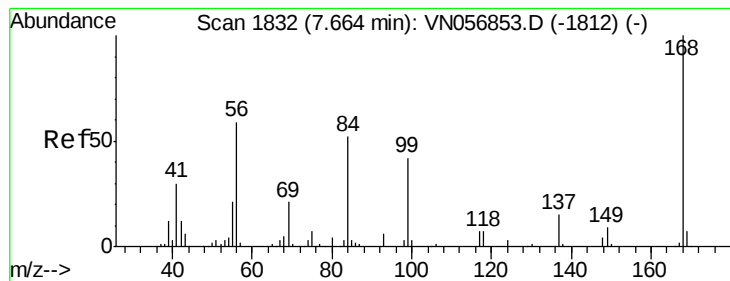
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
Data File : VN056874.D
Acq On : 23 Jul 2019 13:23
Operator : JC/SP
Sample : VN0723WBSD01
Misc : 5.00mL/MSVOA N/WATER
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	52668	18.242	ug/l	98
94) Hexachlorobutadiene	15.00	225	49381	21.773	ug/l	99
95) Naphthalene	15.13	128	137904	18.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	60621	18.953	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

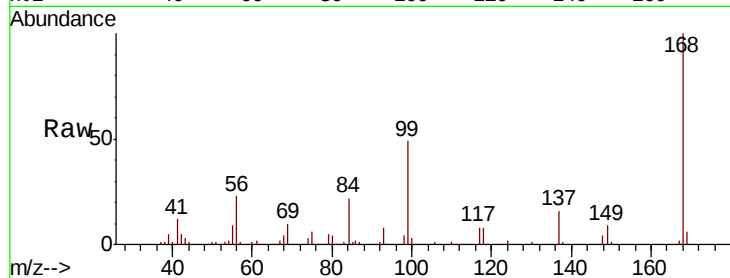
VN0723WBSD01

Tot Ion:168 Resp: 339713

Ion Ratio Lower Upper

168 100

99 49.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

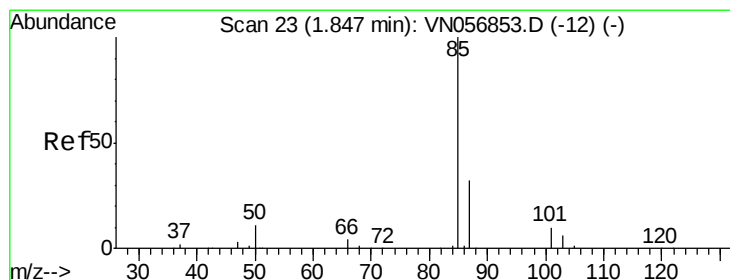
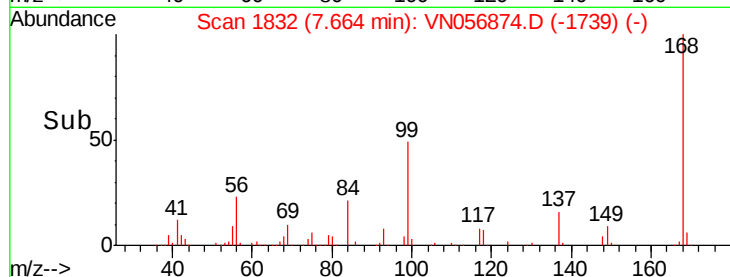
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.509 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056874.D

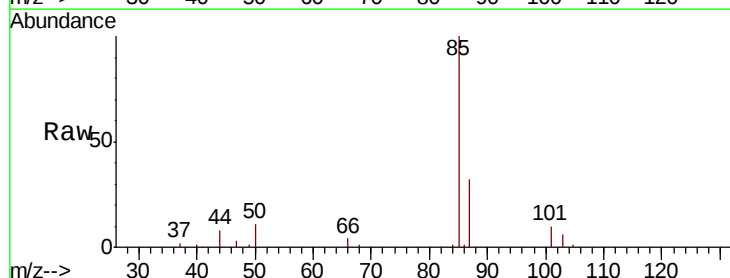
Acq: 23 Jul 2019 13:23

Tgt Ion: 85 Resp: 86266

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

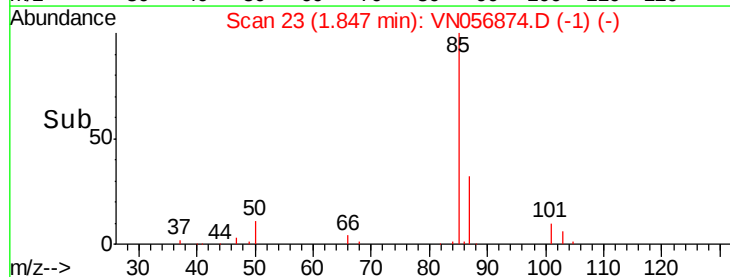
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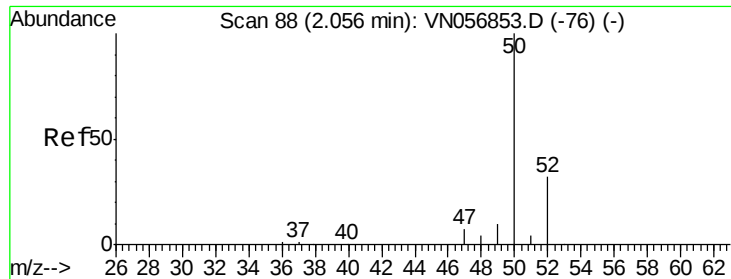
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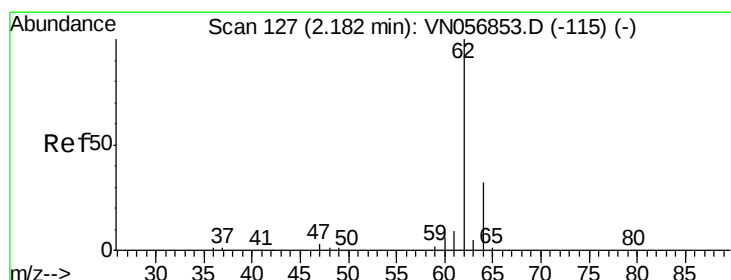
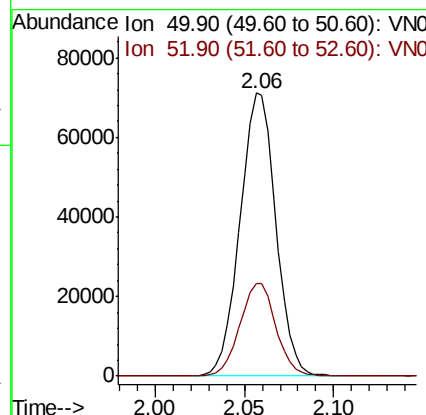
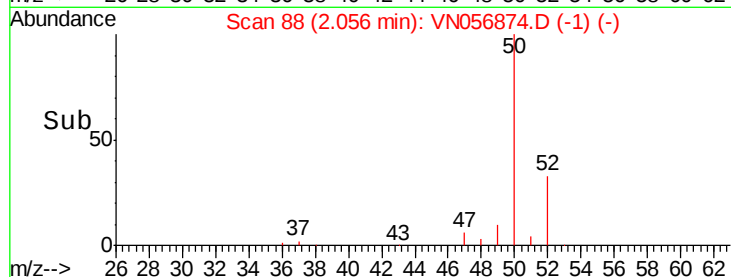
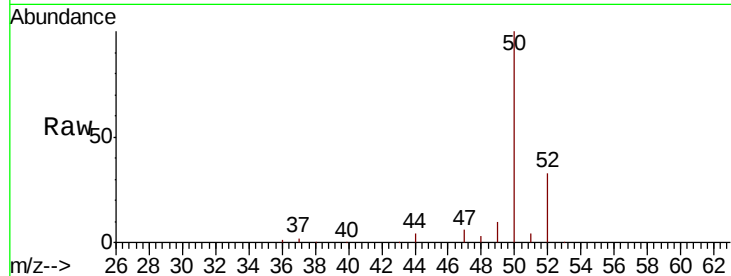




#3
 Chloromethane
 Concen: 21.065 ug/l
 RT: 2.06 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

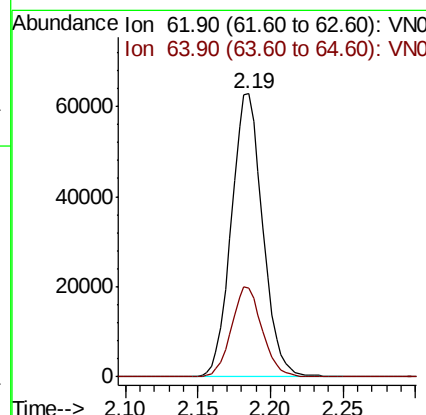
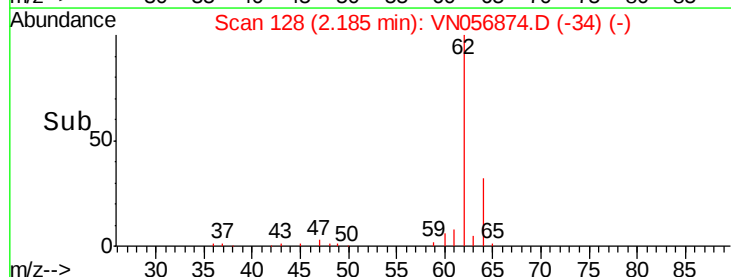
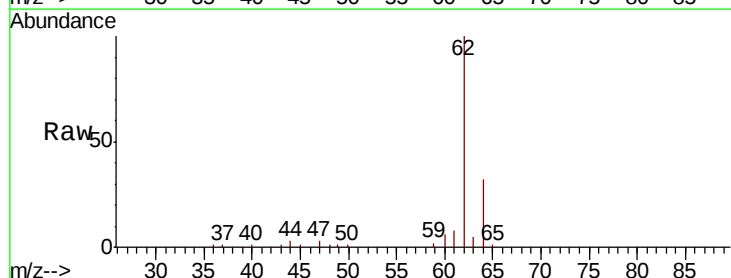
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

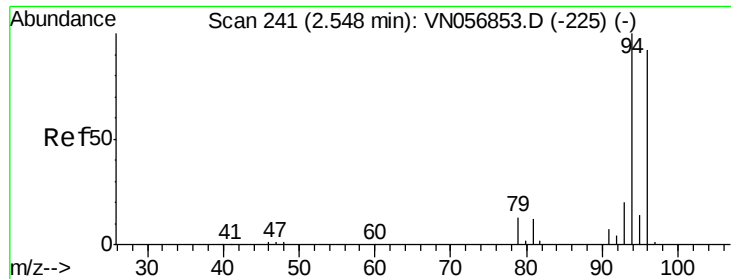
Tot Ion: 50 Resp: 99872
 Ion Ratio Lower Upper
 50 100
 52 32.9 25.9 38.9



#4
 Vinyl Chloride
 Concen: 21.607 ug/l
 RT: 2.19 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 62 Resp: 94110
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.4 38.2

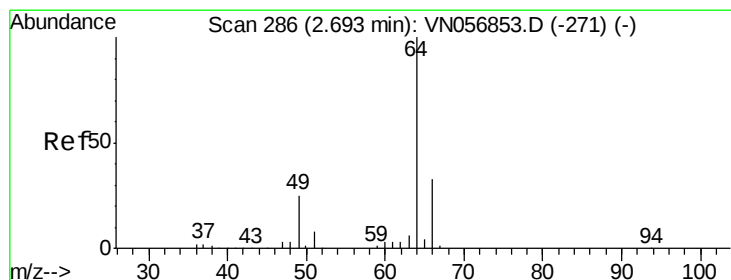
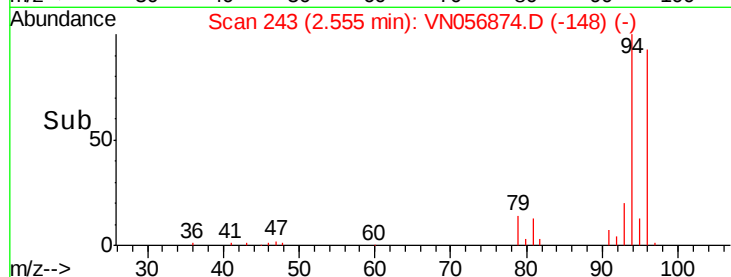
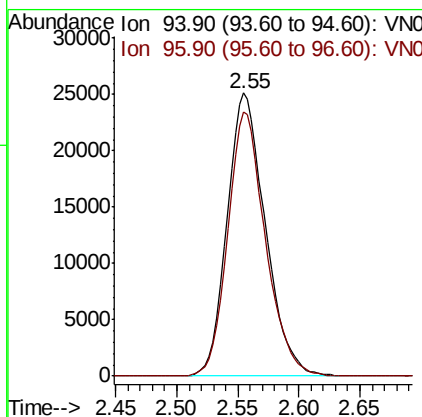
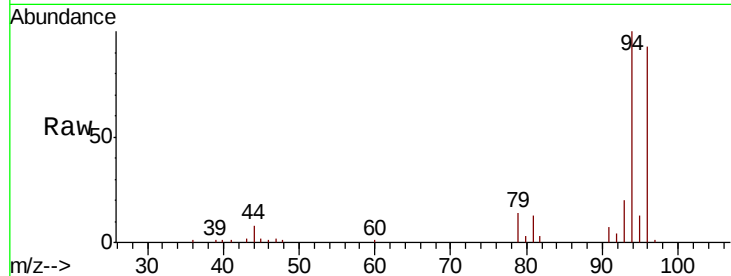




#5
Bromomethane
Concen: 20.696 ug/l
RT: 2.55 min Scan# 243
Delta R.T. 0.01 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

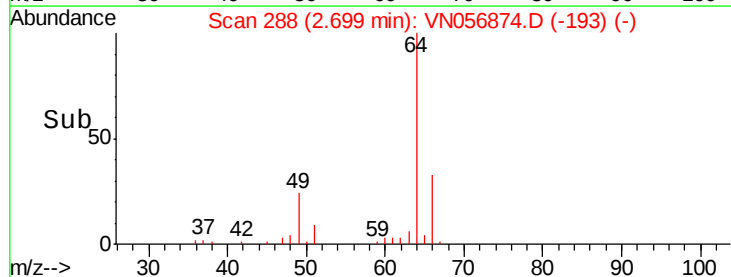
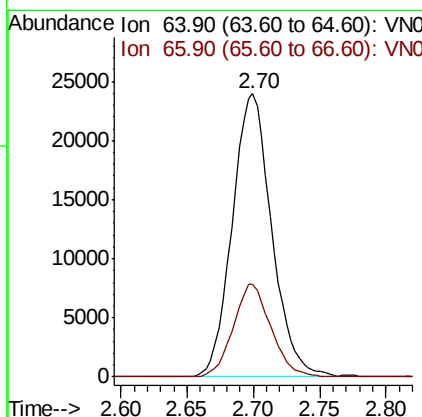
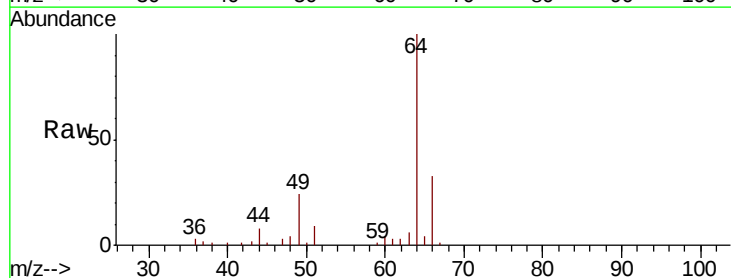
Instrument :
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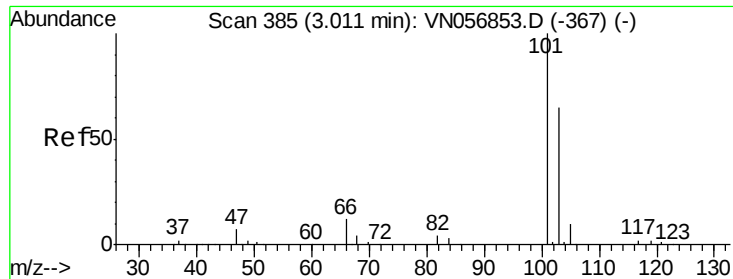
Tot Ion: 94 Resp: 54828
Ion Ratio Lower Upper
94 100
96 93.3 73.6 110.4



#6
Chloroethane
Concen: 20.771 ug/l
RT: 2.70 min Scan# 288
Delta R.T. 0.01 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion: 64 Resp: 49578
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6



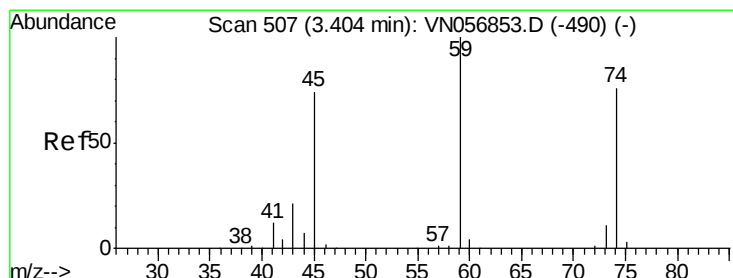
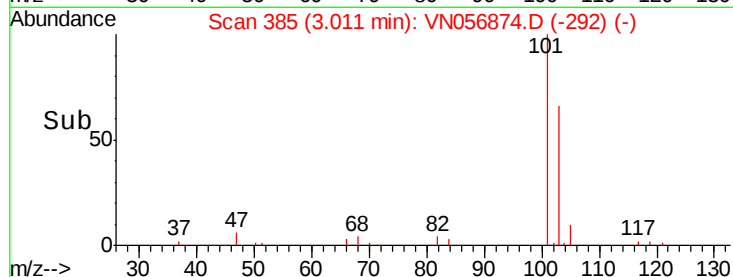
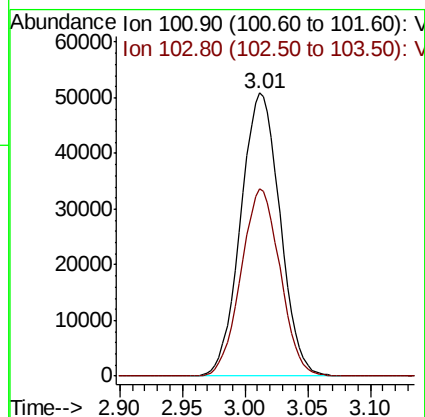
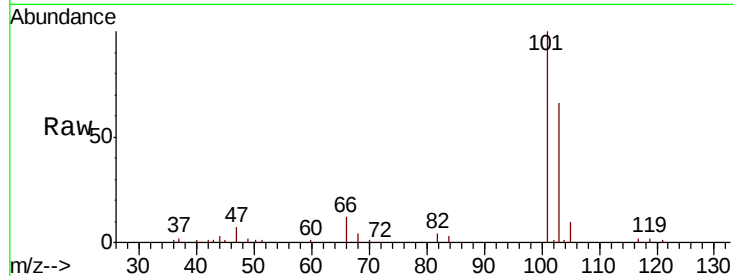


#7

Trichlorofluoromethane
 Concen: 20.854 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

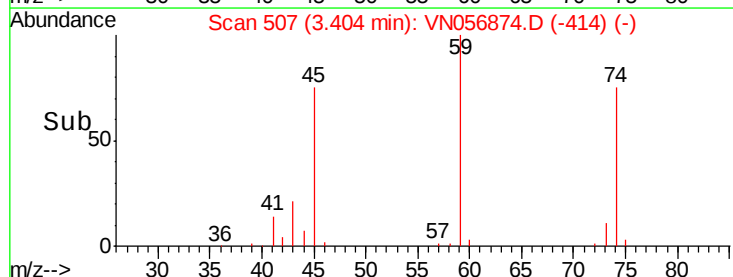
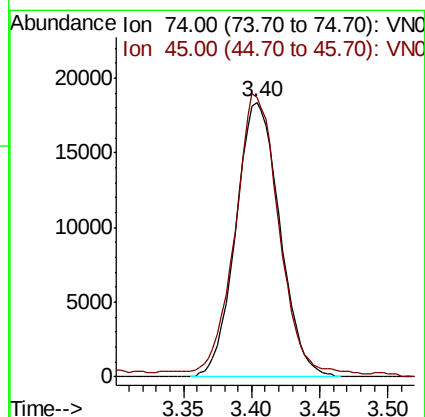
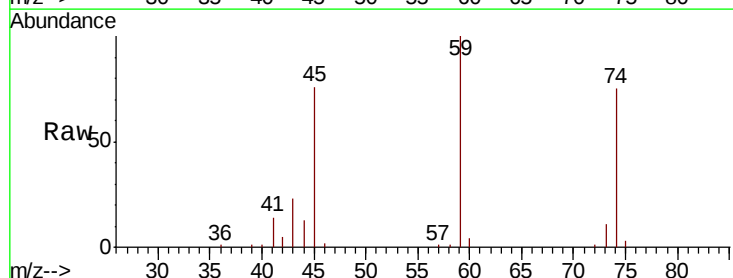
Tot Ion:101 Resp: 110965
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.3 78.5

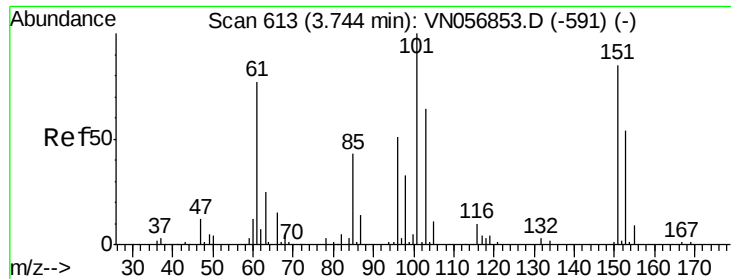


#8

Diethyl Ether
 Concen: 20.765 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 74 Resp: 41169
 Ion Ratio Lower Upper
 74 100
 45 100.2 49.2 147.6

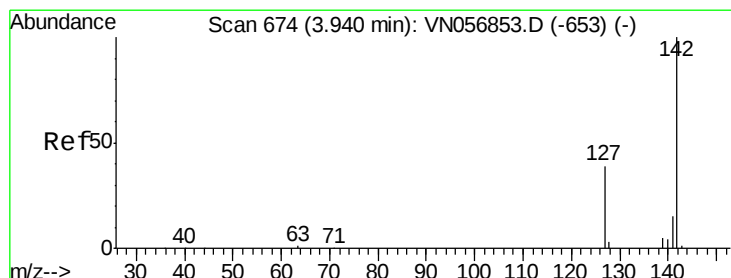
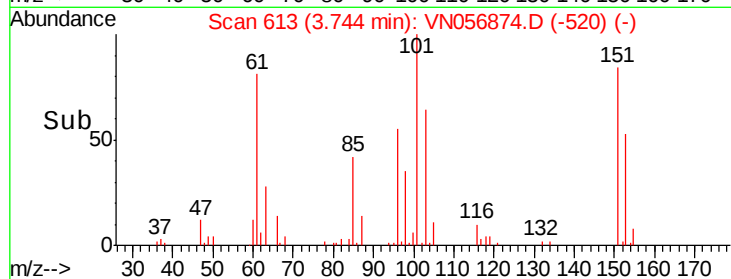
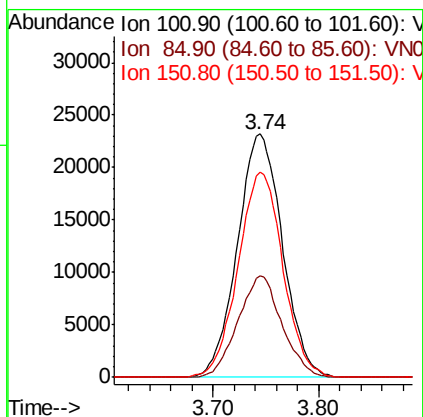
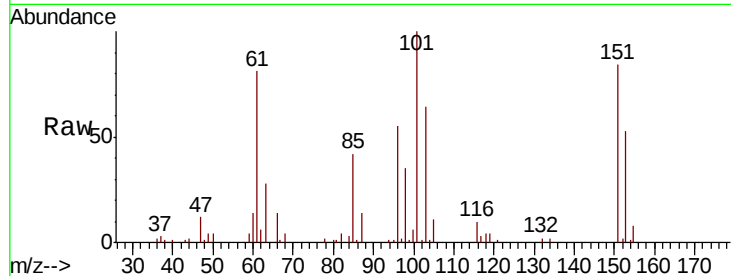




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.928 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

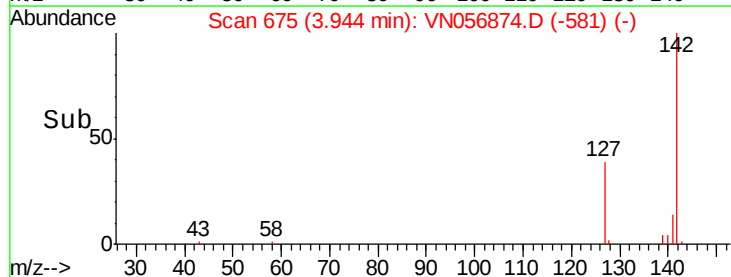
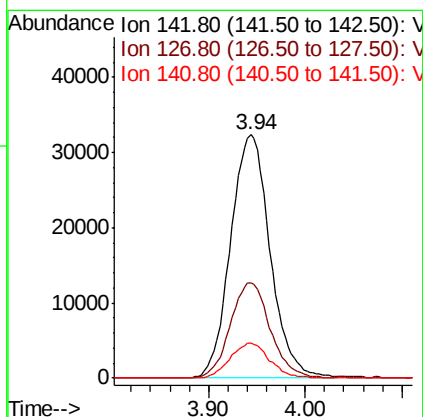
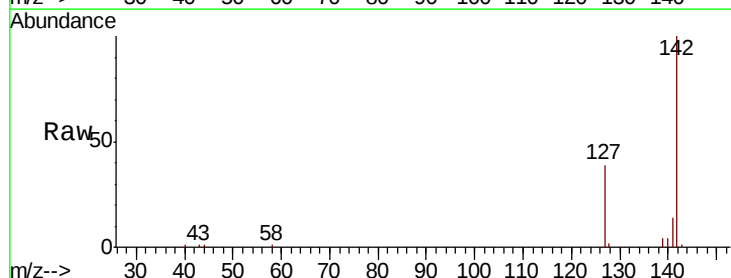
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

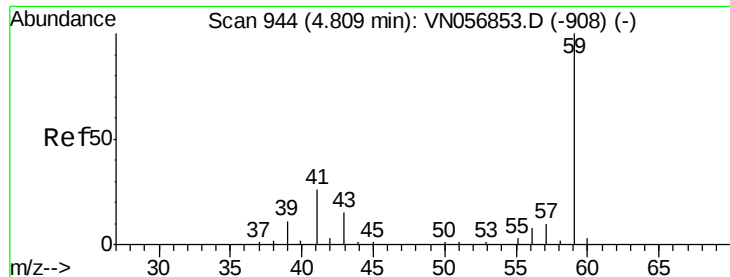
Tot Ion:101 Resp: 68868
 Ion Ratio Lower Upper
 101 100
 85 40.6 33.7 50.5
 151 83.9 68.1 102.1



#10
 Methyl Iodide
 Concen: 19.914 ug/l
 RT: 3.94 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion:142 Resp: 91769
 Ion Ratio Lower Upper
 142 100
 127 39.6 31.2 46.8
 141 14.3 11.4 17.2

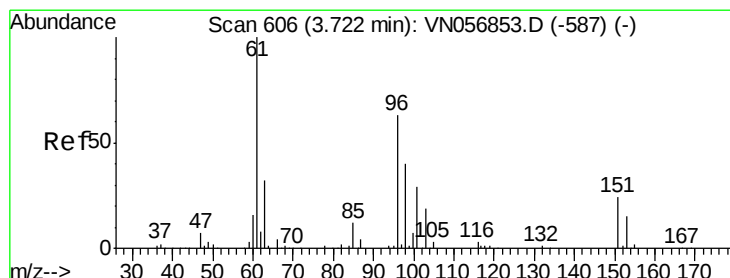
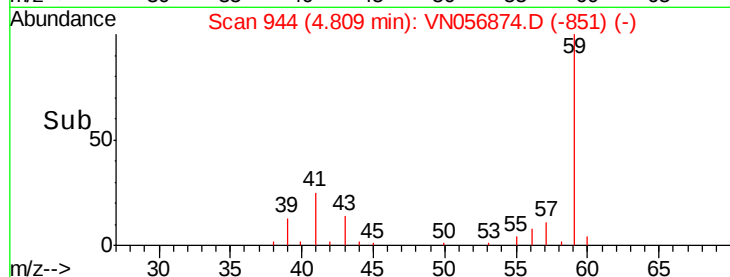
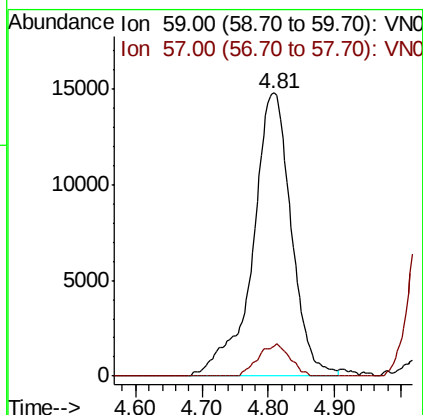
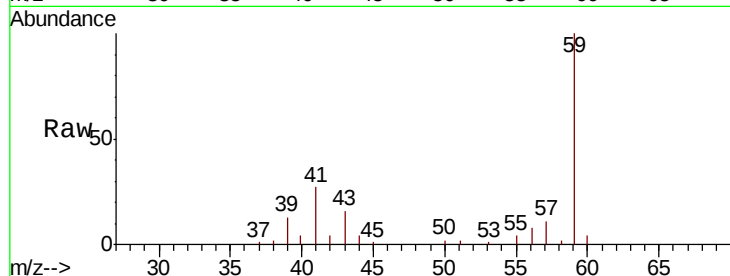




#11
Tert butyl alcohol
Concen: 116.423 ug/l
RT: 4.81 min Scan# 944
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

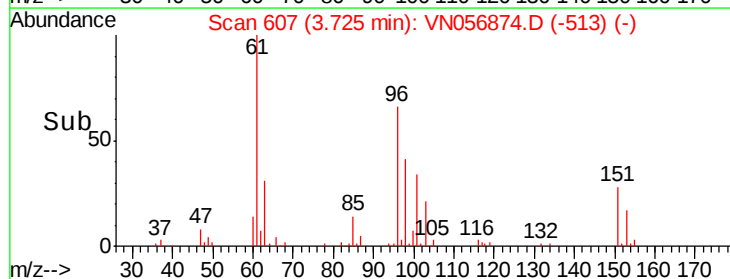
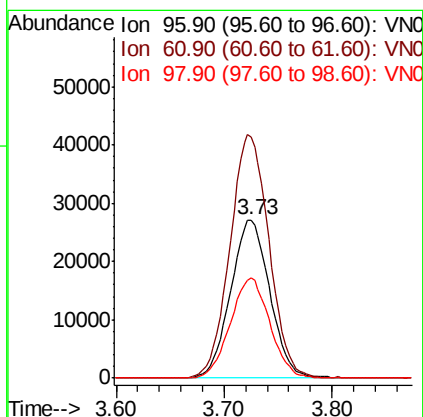
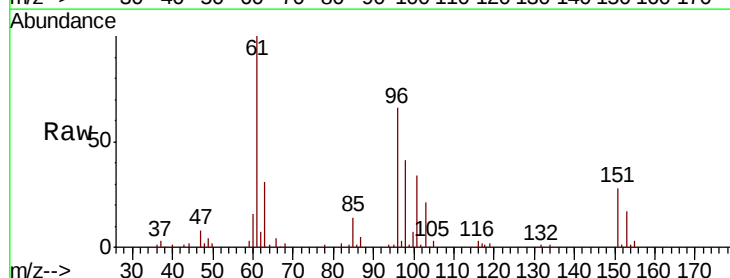
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

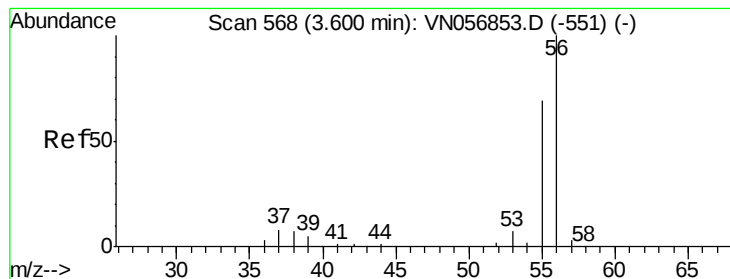
Tot Ion: 59 Resp: 59928
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.761 ug/l
RT: 3.73 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion: 96 Resp: 68444
Ion Ratio Lower Upper
96 100
61 152.5 126.3 189.5
98 63.3 51.0 76.4





#13

Acrolein

Concen: 88.437 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

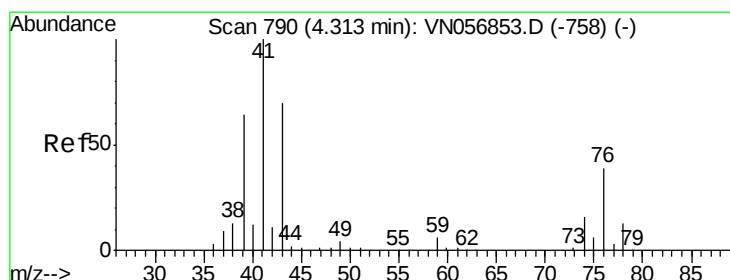
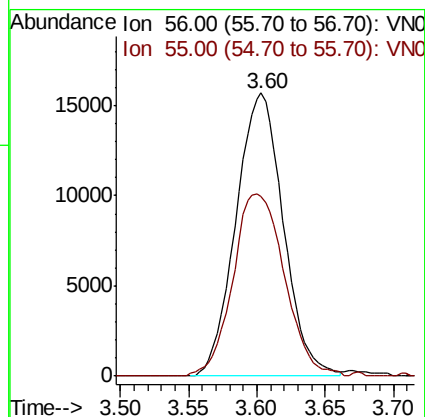
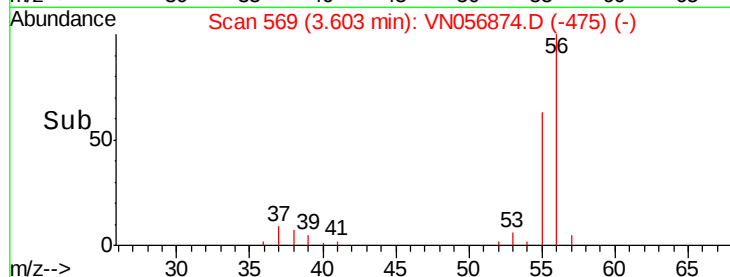
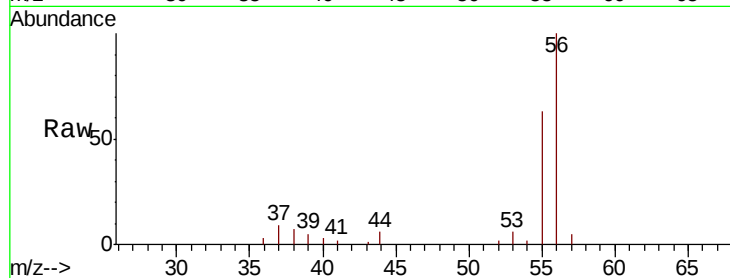
VN0723WBSD01

Tot Ion: 56 Resp: 37877

Ion Ratio Lower Upper

56 100

55 70.0 56.2 84.4



#14

Allyl chloride

Concen: 20.522 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

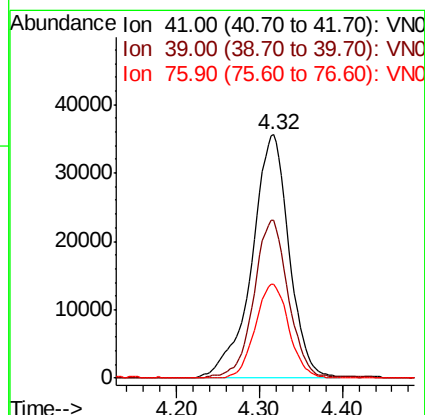
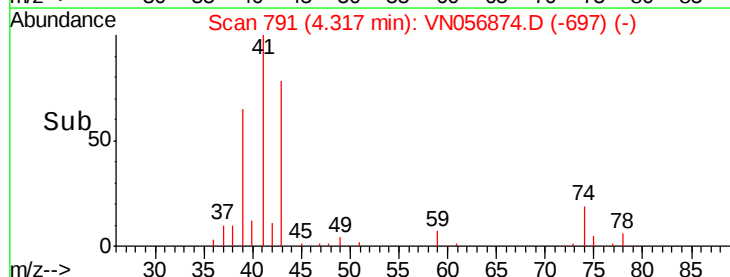
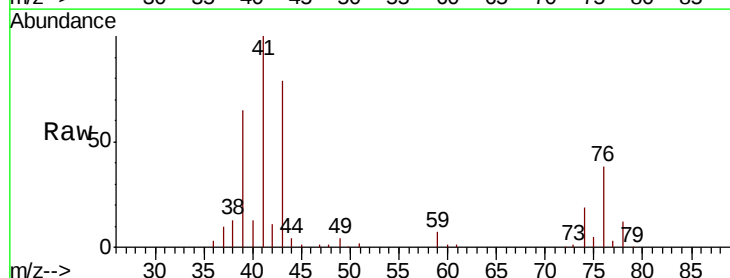
Tgt Ion: 41 Resp: 111229

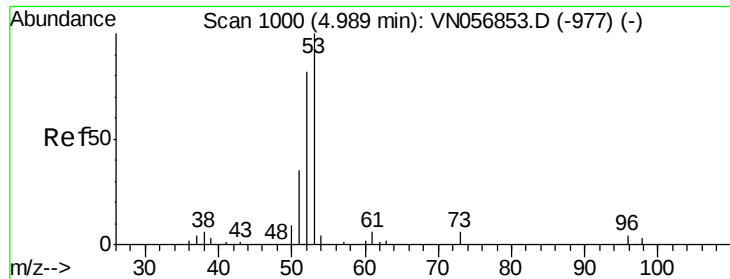
Ion Ratio Lower Upper

41 100

39 60.1 47.8 71.6

76 34.7 27.9 41.9



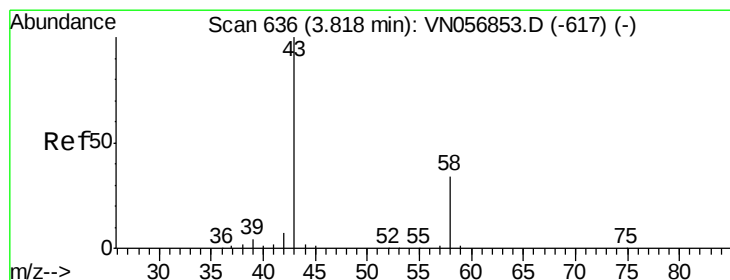
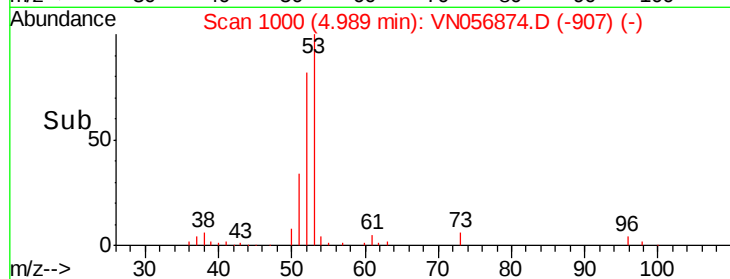
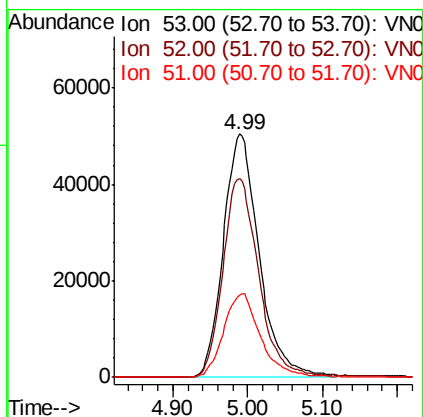
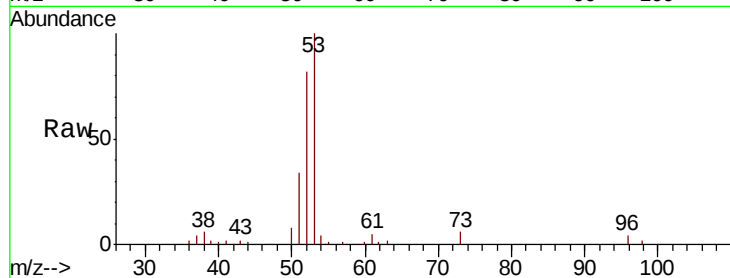


#15
 Acrylonitrile
 Concen: 108.415 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Tot Ion: 53 Resp: 167922

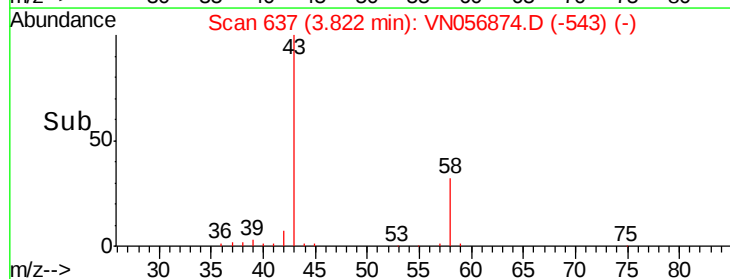
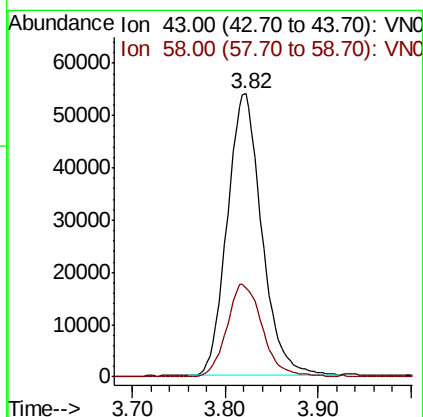
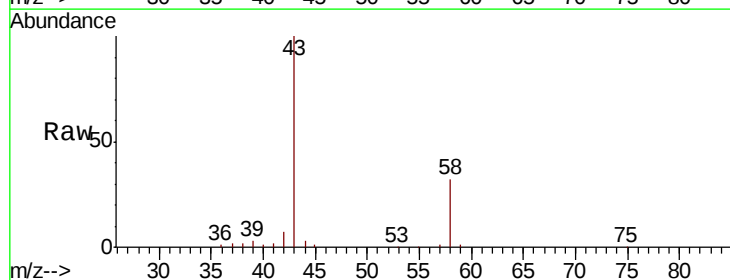
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.0	97.6
51	35.4	28.2	42.2

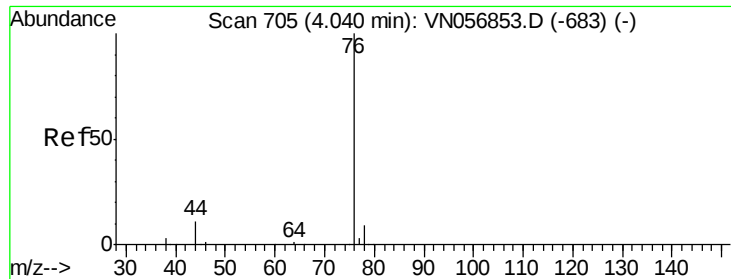


#16
 Acetone
 Concen: 106.963 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 43 Resp: 139572

Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.3	40.9

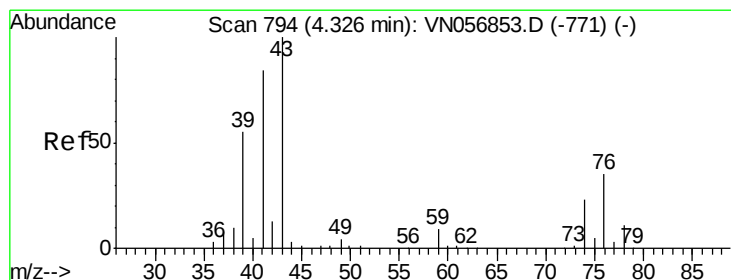
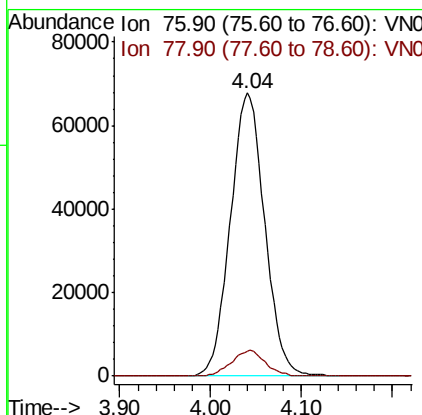
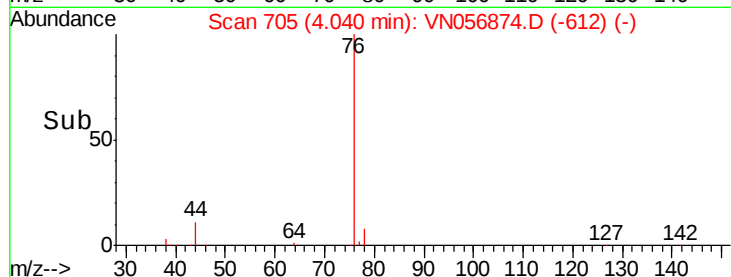
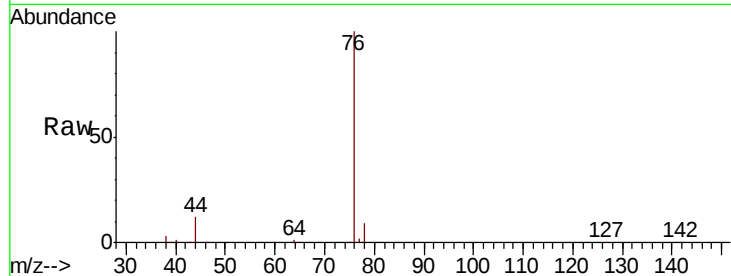




#17
Carbon Disulfide
Concen: 19.742 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

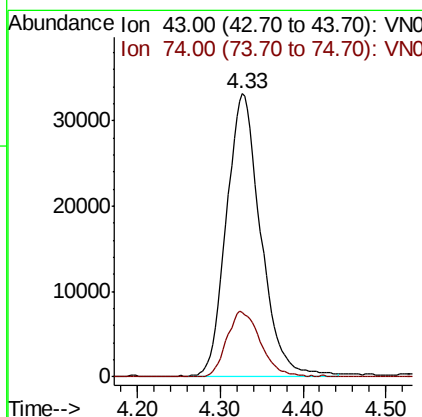
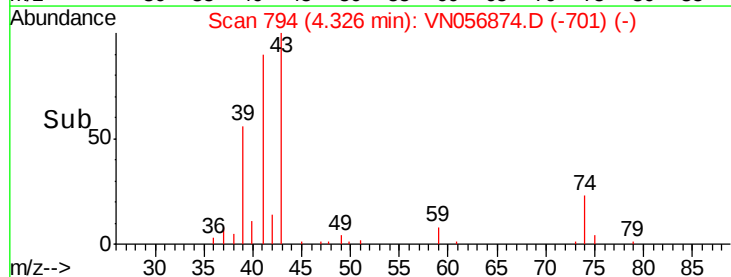
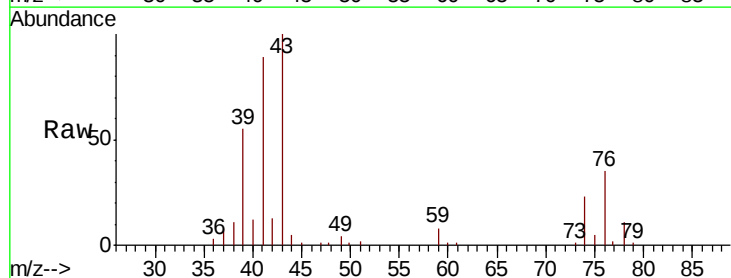
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

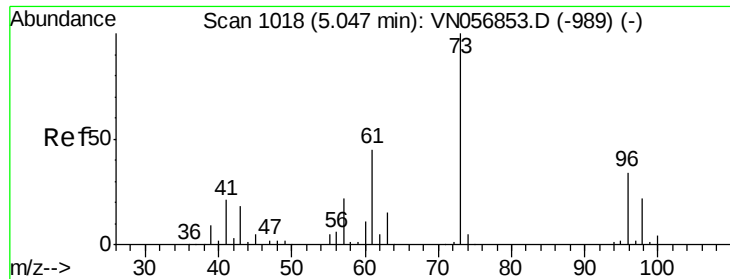
Tot Ion: 76 Resp: 177638
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 21.378 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion: 43 Resp: 95932
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.4

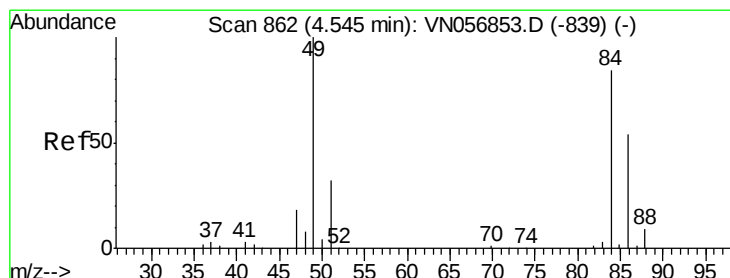
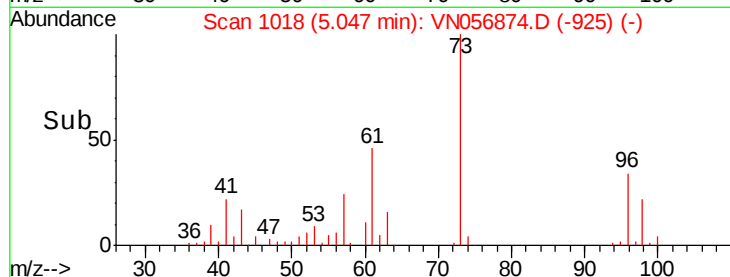
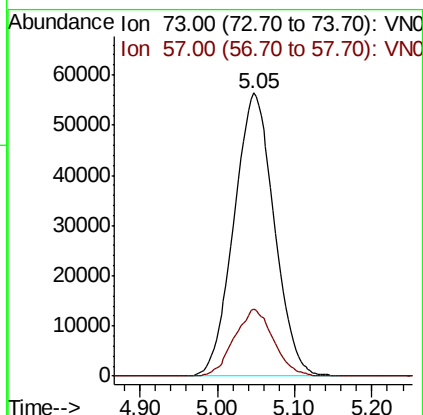
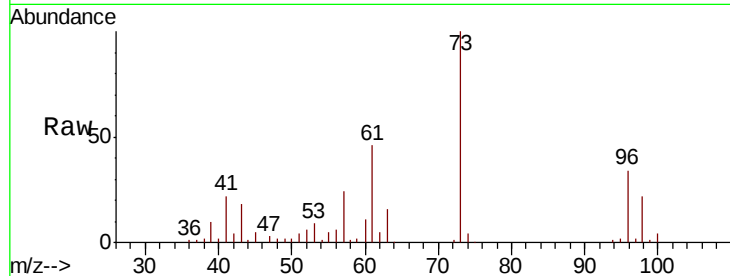




#19
Methyl tert-butyl Ether
Concen: 20.934 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

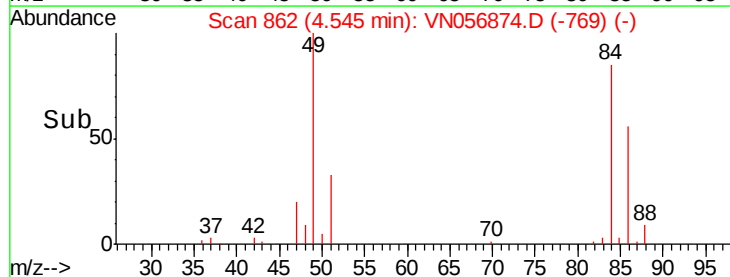
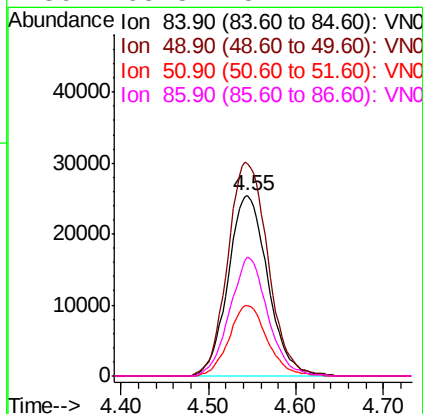
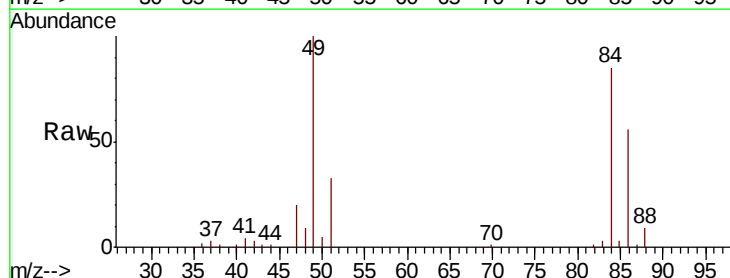
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

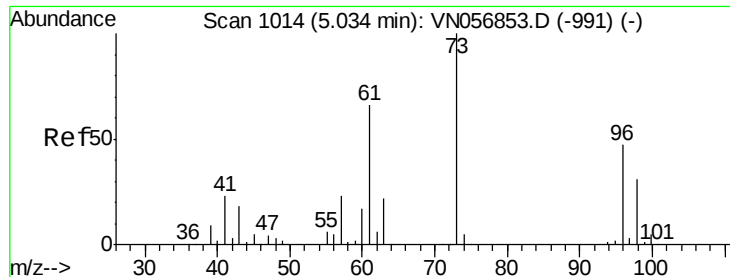
Tot Ion: 73 Resp: 203897
Ion Ratio Lower Upper
73 100
57 23.9 18.0 27.0



#20
Methylene Chloride
Concen: 20.503 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion: 84 Resp: 79999
Ion Ratio Lower Upper
84 100
49 117.7 94.9 142.3
51 39.0 29.9 44.9
86 65.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.715 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampled :

VN0723WBSD01

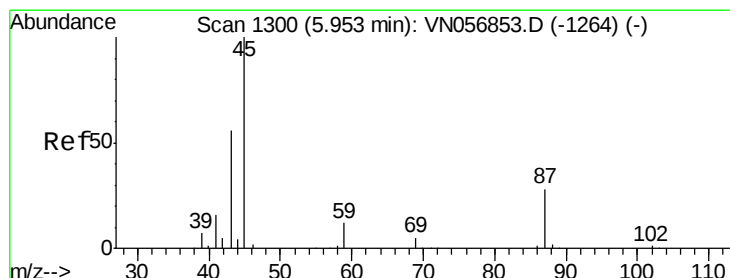
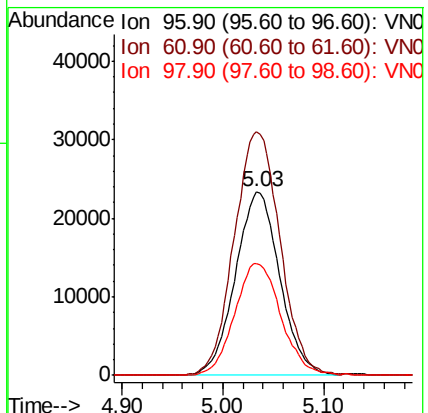
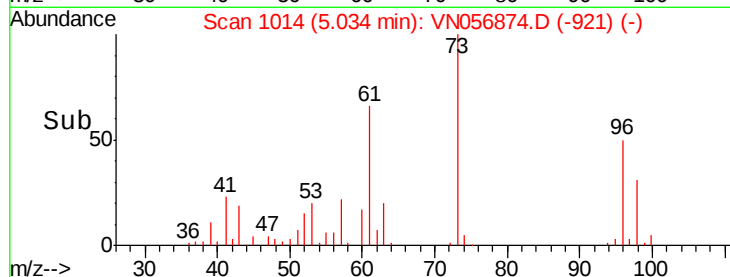
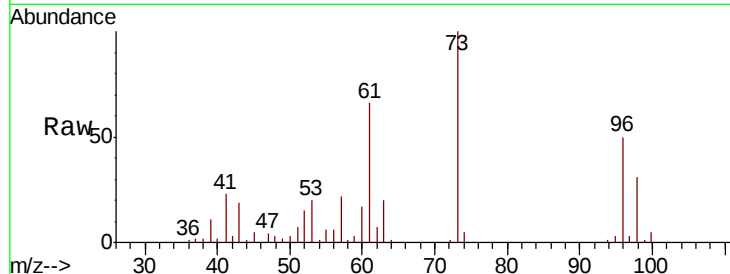
Tot Ion: 96 Resp: 71335

Ion Ratio Lower Upper

96 100

61 132.0 112.8 169.2

98 61.3 53.3 79.9



#22

Diisopropyl ether

Concen: 21.635 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Tgt Ion: 45 Resp: 237062

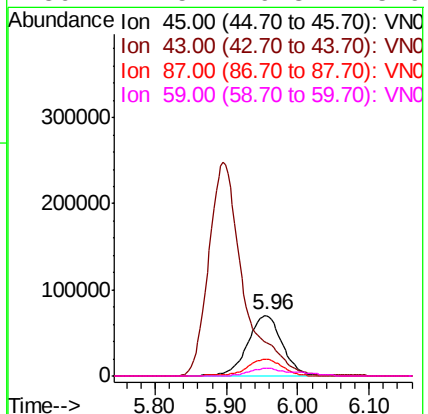
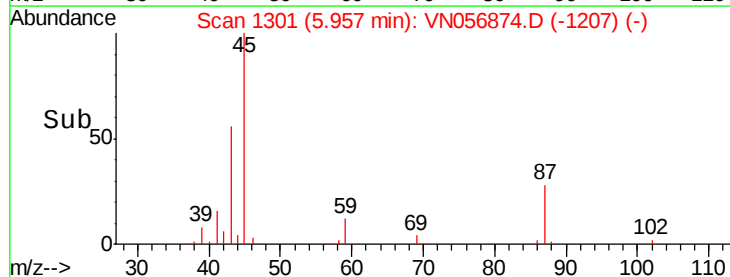
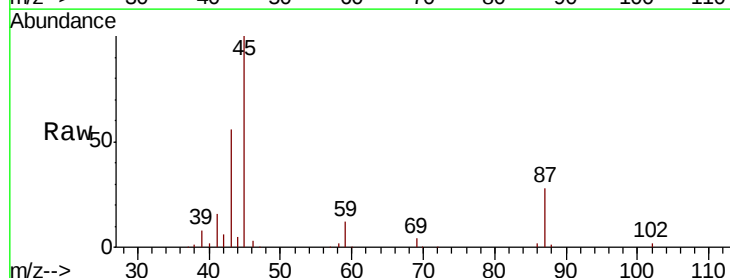
Ion Ratio Lower Upper

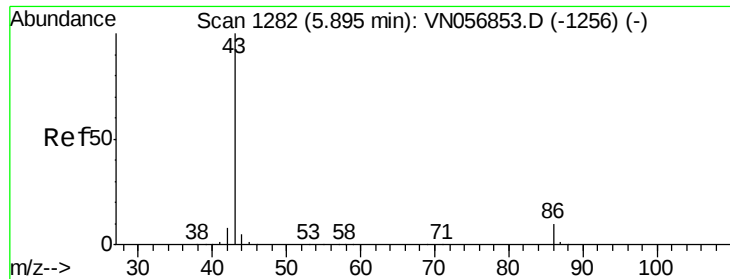
45 100

43 54.3 45.5 68.3

87 28.2 22.7 34.1

59 11.5 9.3 13.9

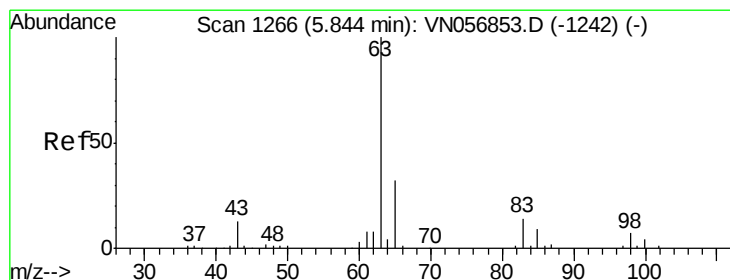
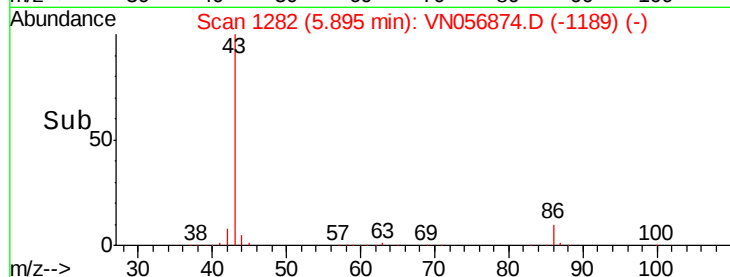
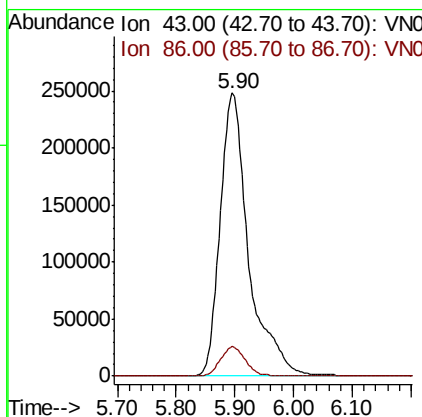
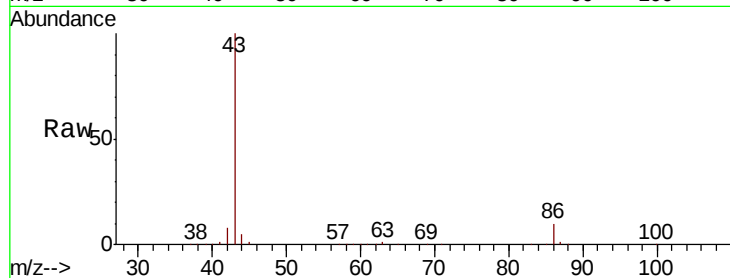




#23
 Vinyl Acetate
 Concen: 105.707 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

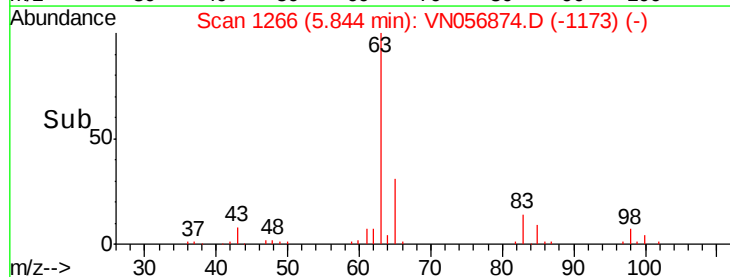
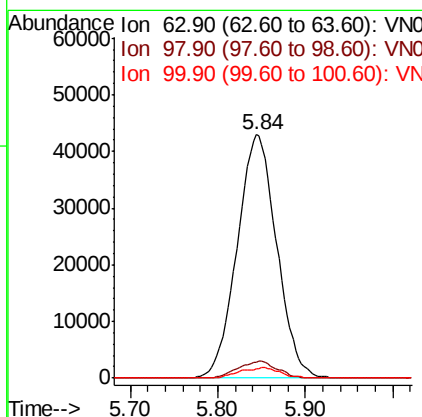
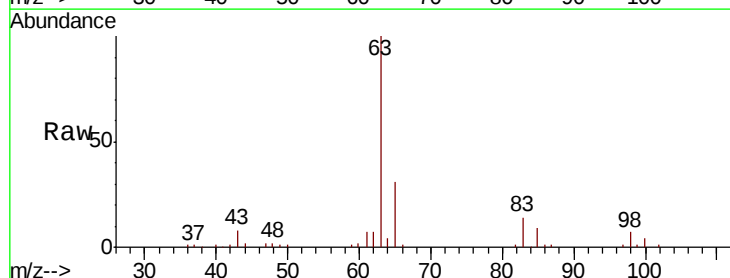
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

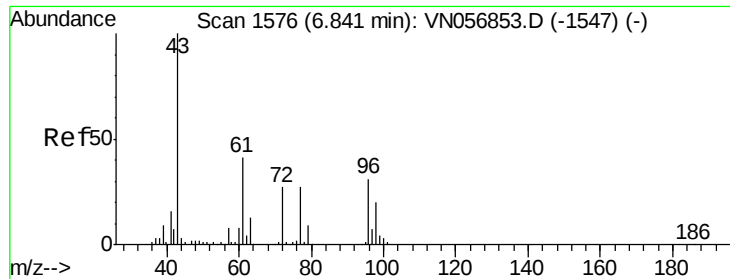
Tot Ion: 43 Resp: 836667
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 21.178 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 63 Resp: 134443
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 3.7 2.2 6.6

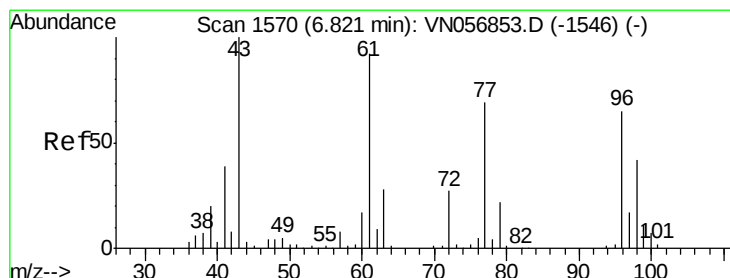
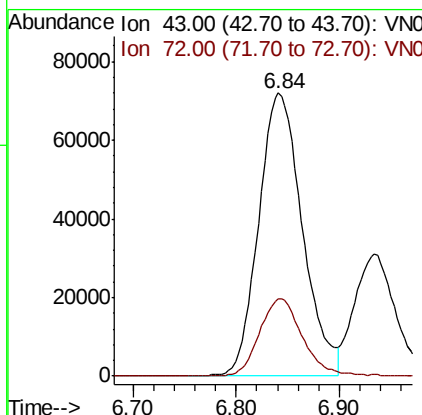
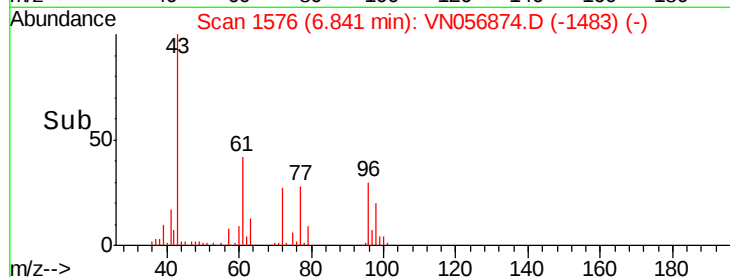
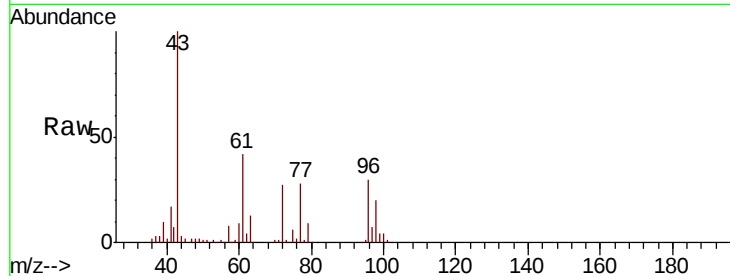




#25
2-Butanone
Concen: 109.838 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

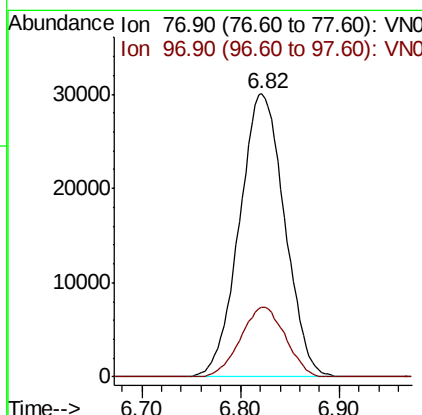
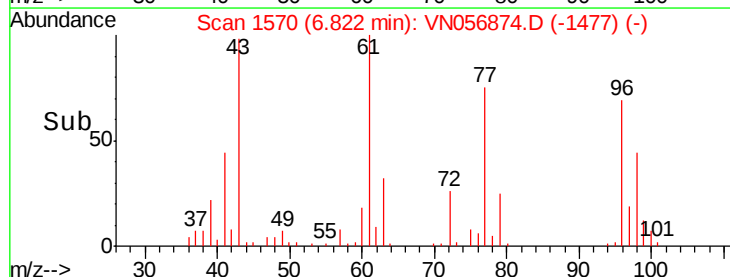
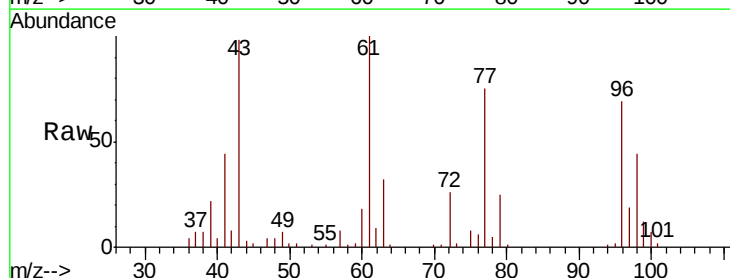
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

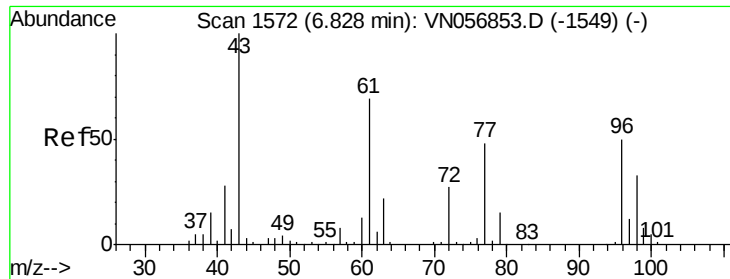
Tot Ion: 43 Resp: 210669
Ion Ratio Lower Upper
43 100
72 27.2 21.5 32.3



#26
2,2-Dichloropropane
Concen: 21.469 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion: 77 Resp: 95369
Ion Ratio Lower Upper
77 100
97 24.4 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 20.693 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

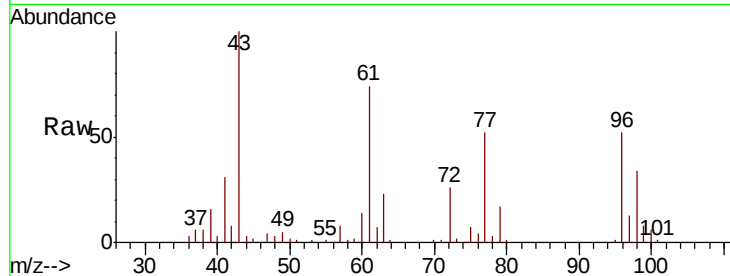
Tot Ion: 96 Resp: 81694

Ion Ratio Lower Upper

96 100

61 143.7 0.0 281.6

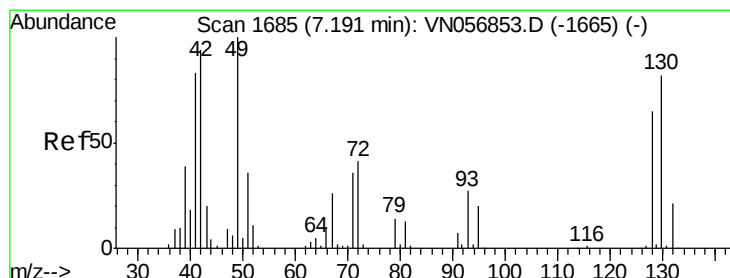
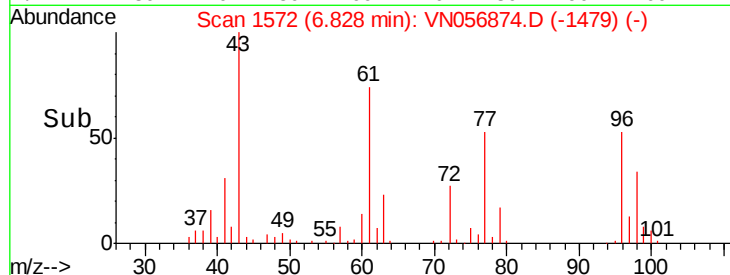
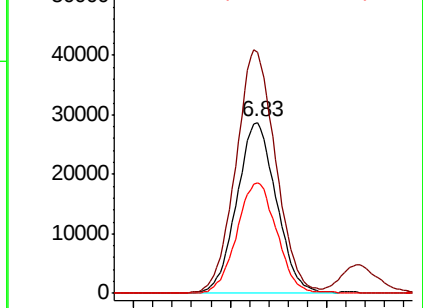
98 65.1 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.659 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

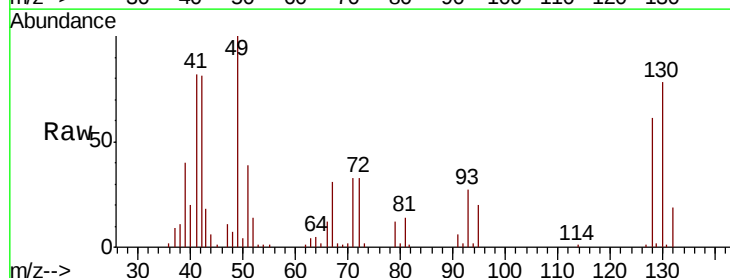
Tgt Ion: 49 Resp: 59533

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

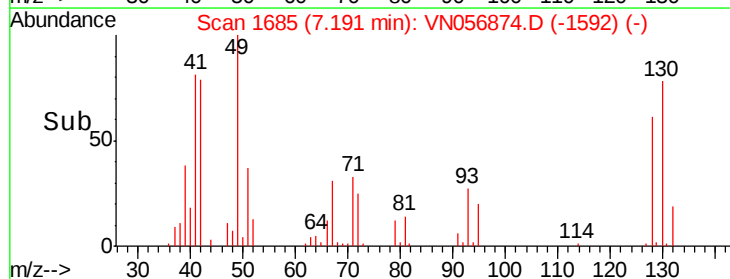
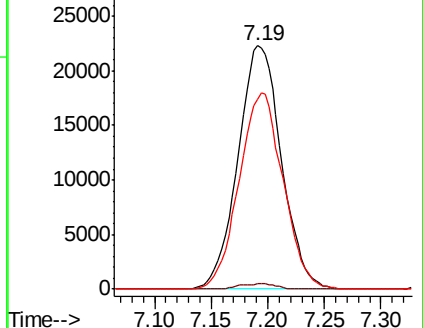
130 81.6 65.0 97.6

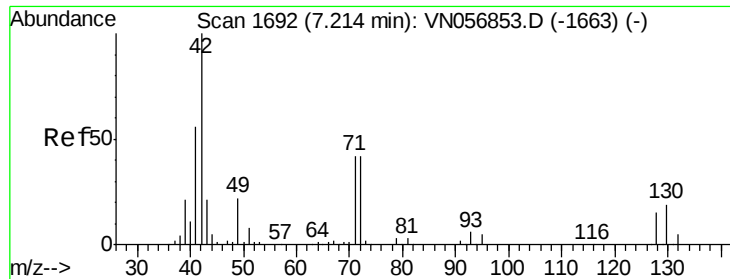


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

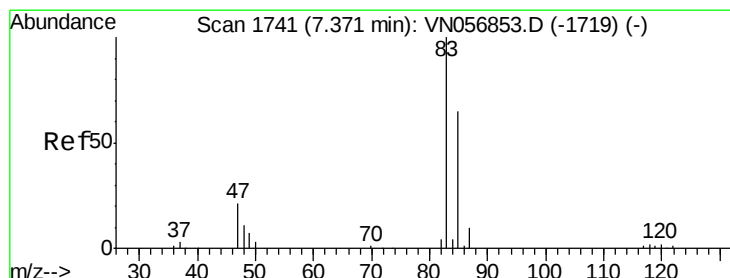
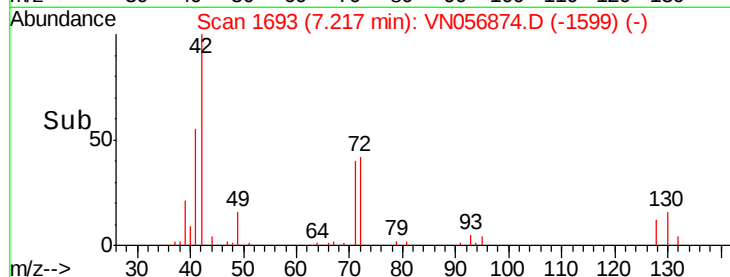
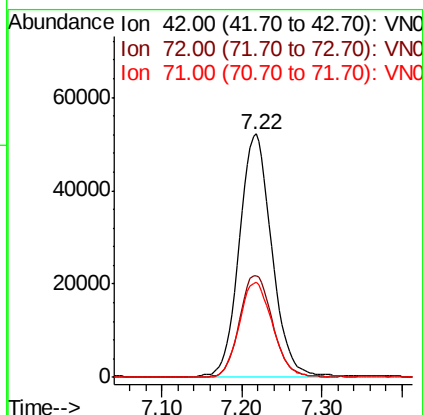
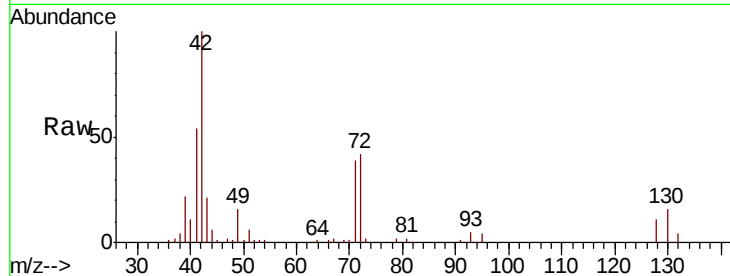




#29
Tetrahydrofuran
Concen: 109.271 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

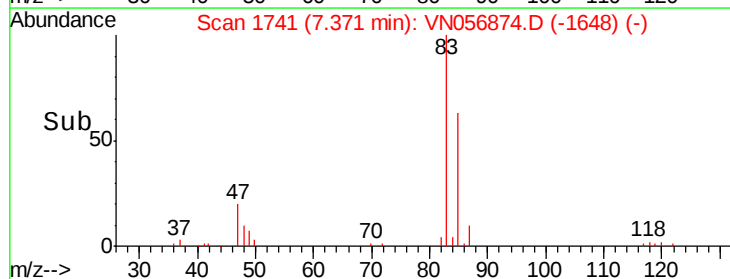
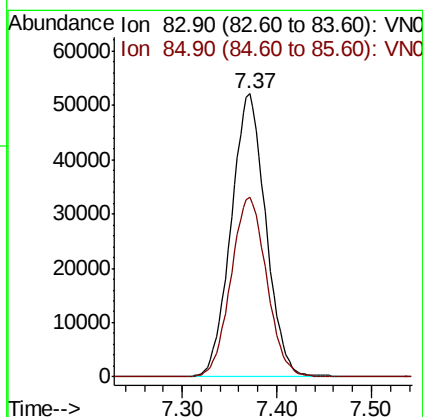
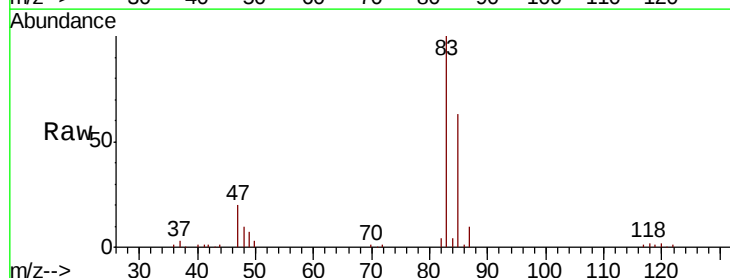
Instrument :
MSVOA_N
ClientSampled :
VN0723WBSD01

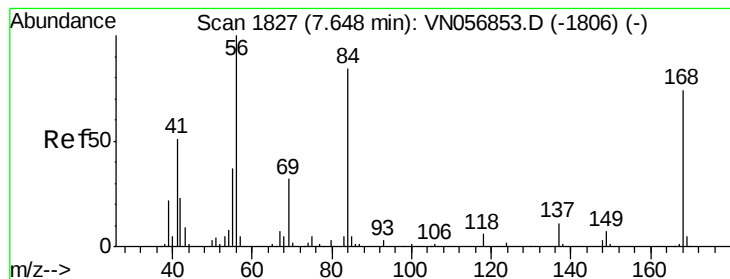
Tot Ion: 42 Resp: 144096
Ion Ratio Lower Upper
42 100
72 42.5 34.2 51.2
71 40.1 32.7 49.1



#30
Chloroform
Concen: 20.876 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion: 83 Resp: 132854
Ion Ratio Lower Upper
83 100
85 63.4 52.3 78.5





#31

Cyclohexane

Concen: 20.281 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

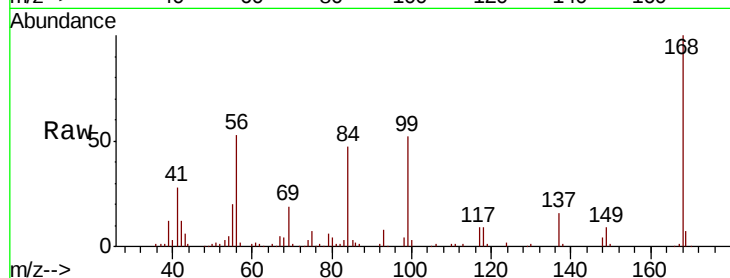
Tot Ion: 56 Resp: 124913

Ion Ratio Lower Upper

56 100

69 36.1 25.5 38.3

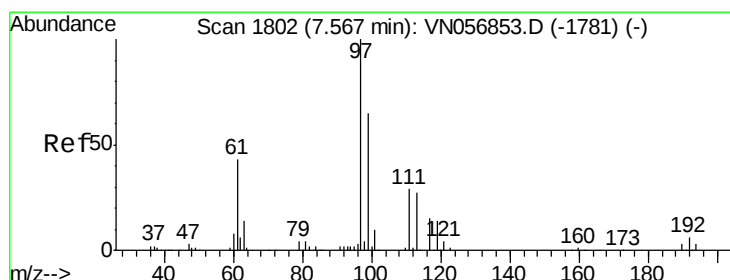
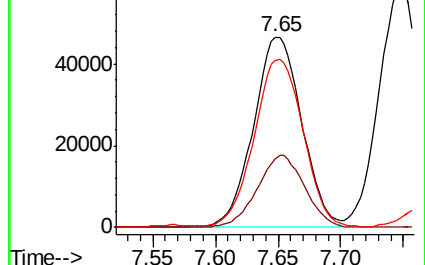
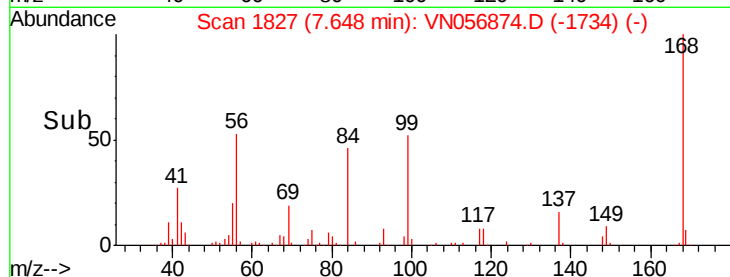
84 87.2 67.3 100.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 21.010 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

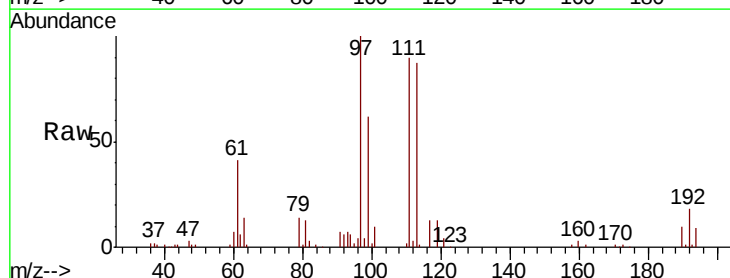
Tgt Ion: 97 Resp: 108166

Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

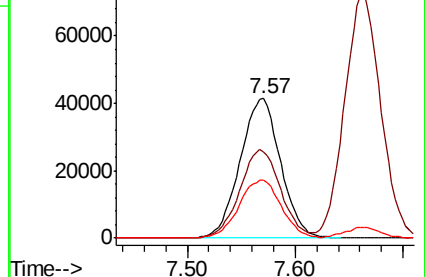
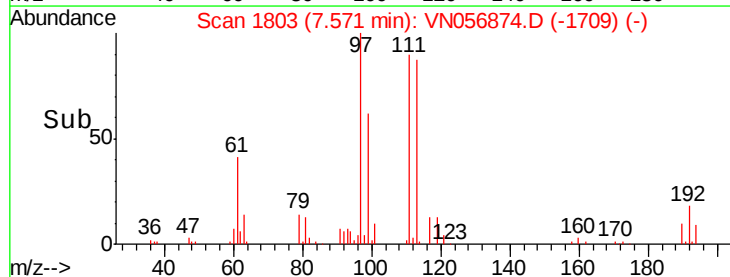
61 43.4 34.0 51.0

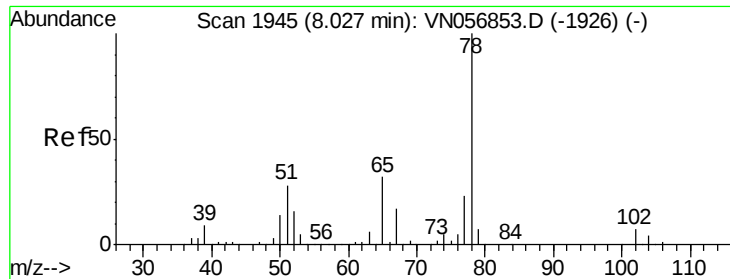


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

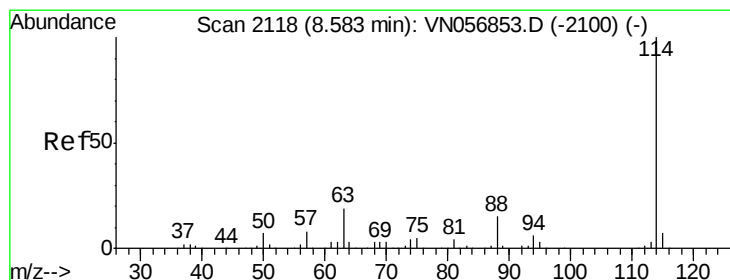
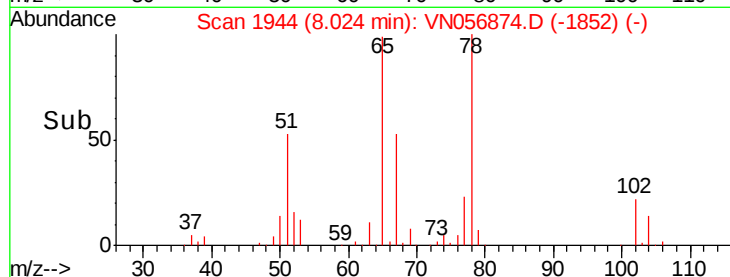
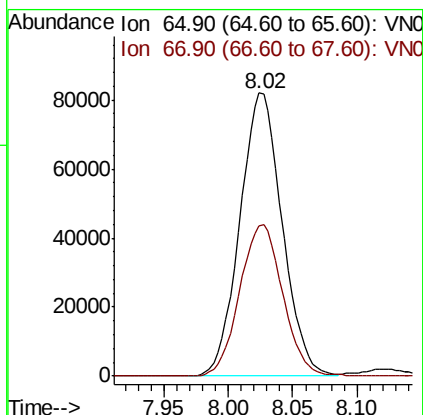
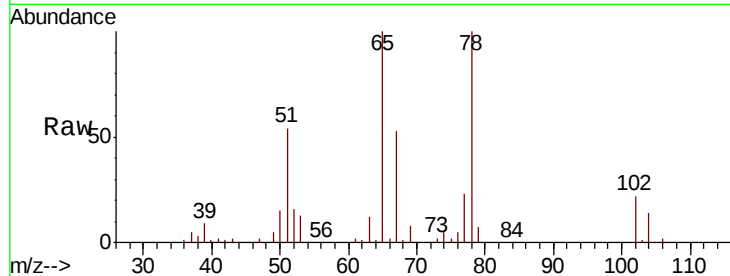




#33
 1,2-Dichloroethane-d4
 Concen: 51.777 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

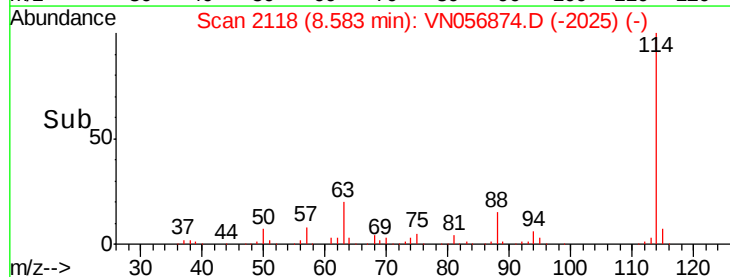
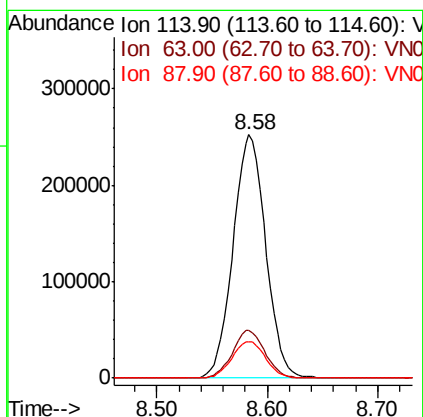
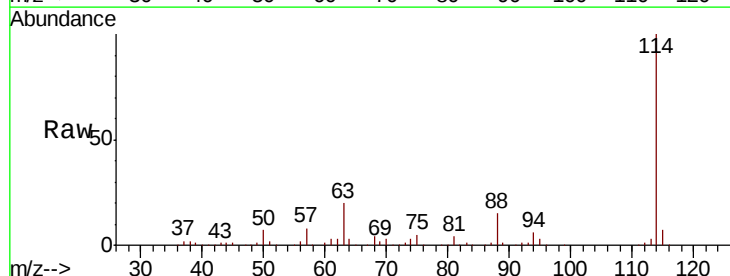
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

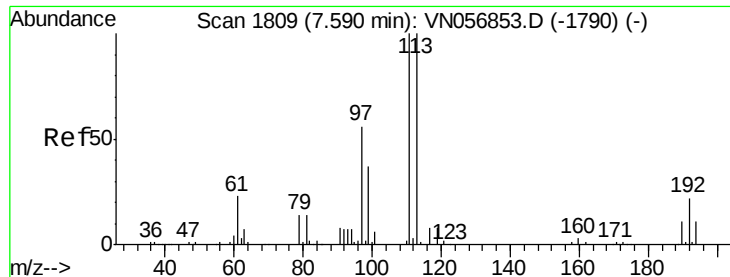
Tot Ion: 65 Resp: 187618
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 114 Resp: 517986
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.8
 88 15.1 0.0 31.0

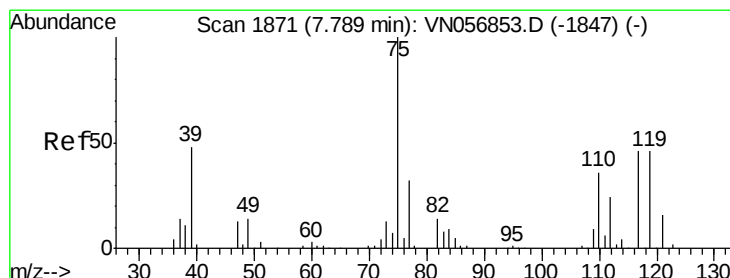
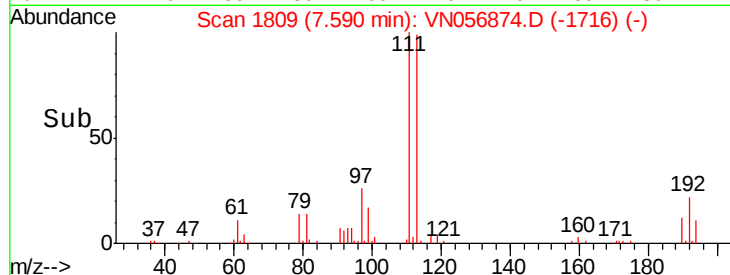
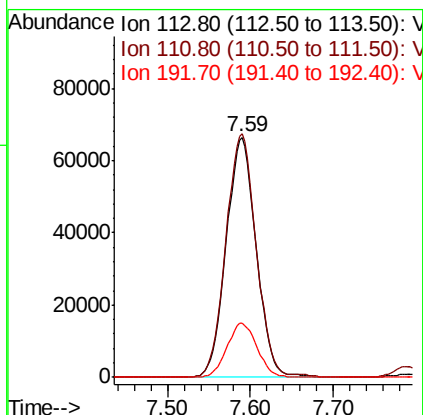
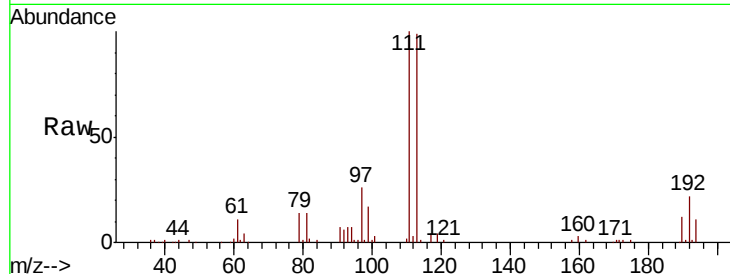




#35
 Dibromofluoromethane
 Concen: 50.904 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

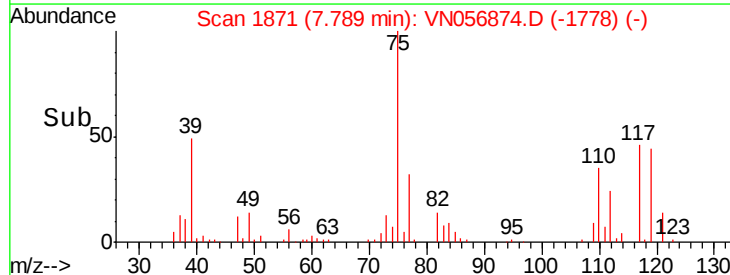
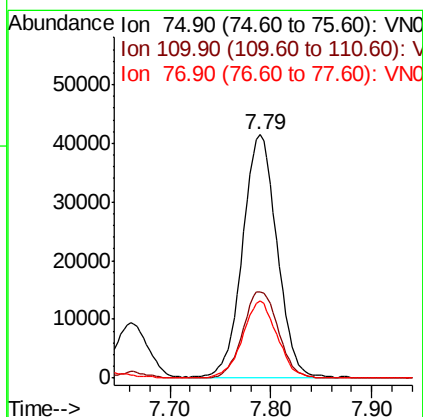
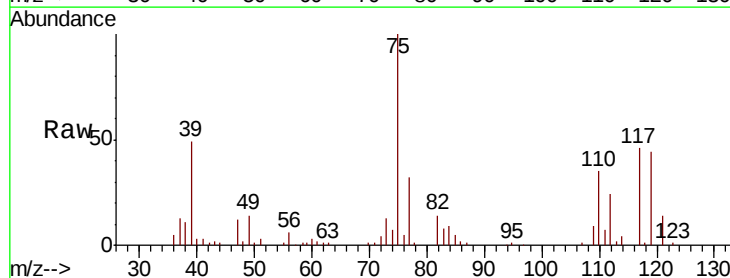
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

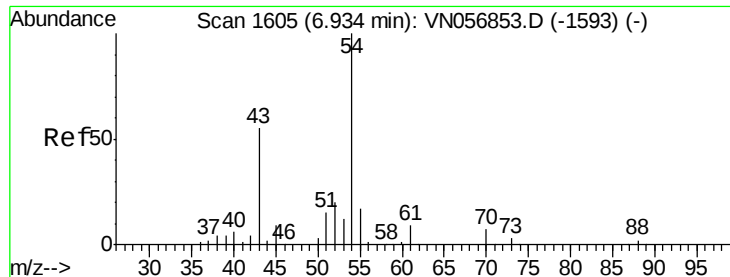
Tot Ion:113 Resp: 167127
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 22.5 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 20.425 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 75 Resp: 97567
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.9 53.7
 77 31.8 25.0 37.6

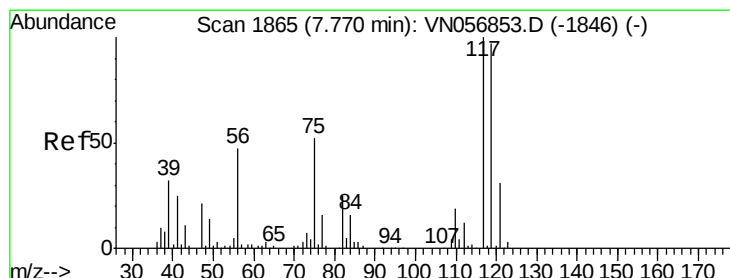
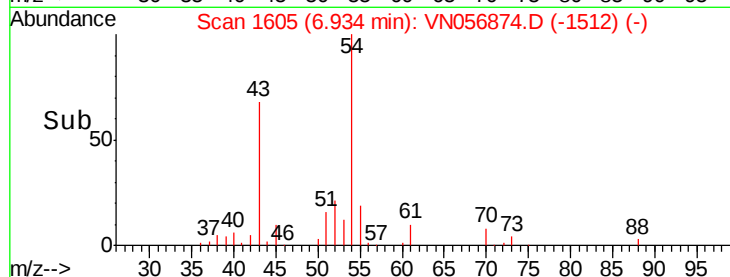
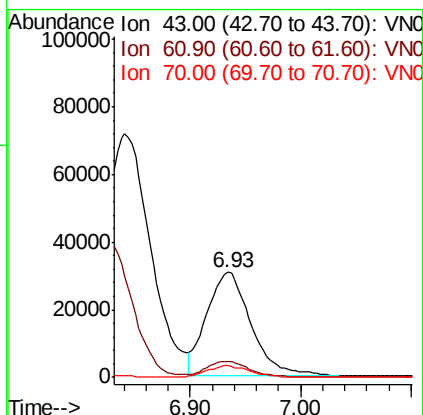
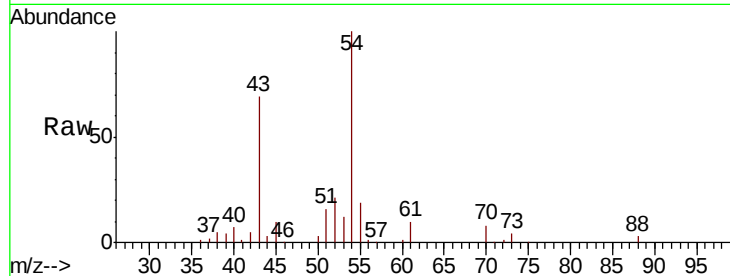




#37
Ethyl Acetate
Concen: 22.132 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

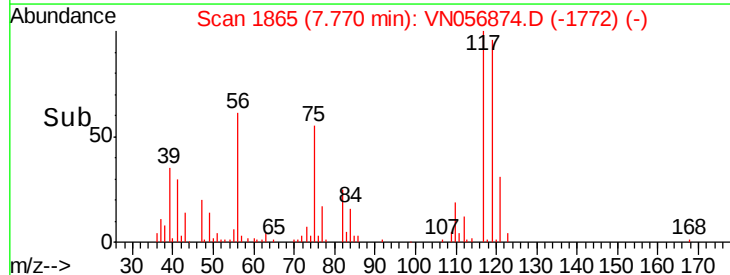
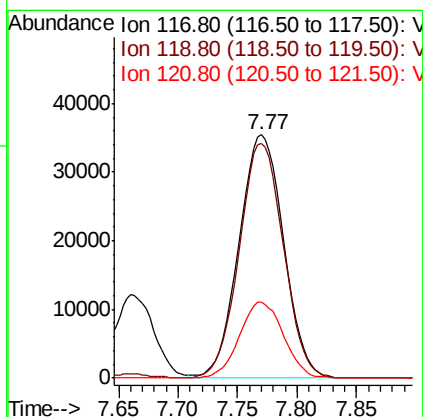
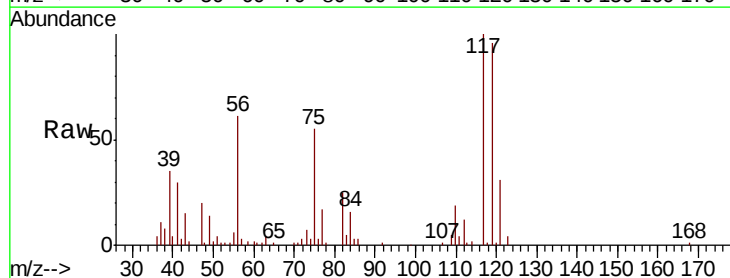
Instrument :
MSVOA_N
ClientSampleID :
VN0723WBSD01

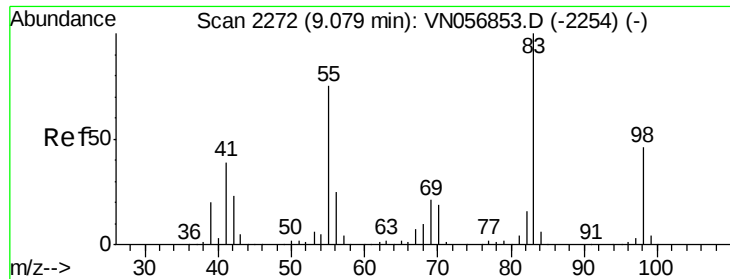
Tot Ion: 43 Resp: 85256
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.8
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.271 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion: 117 Resp: 92182
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8
121 31.3 24.5 36.7

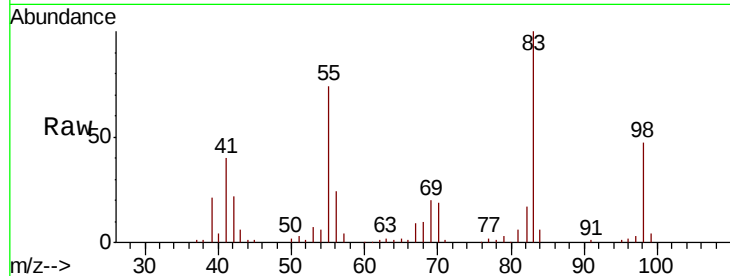




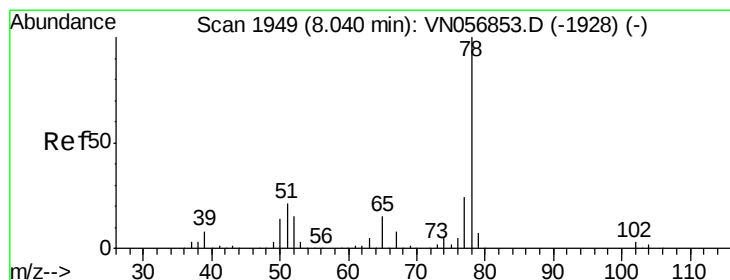
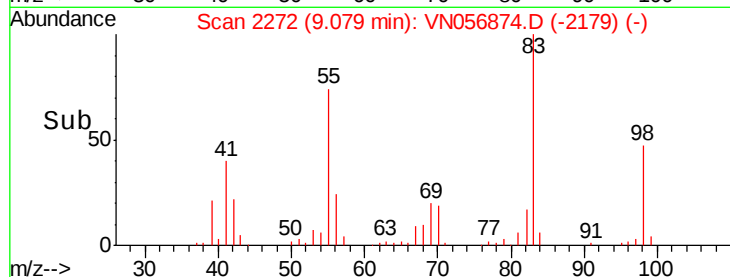
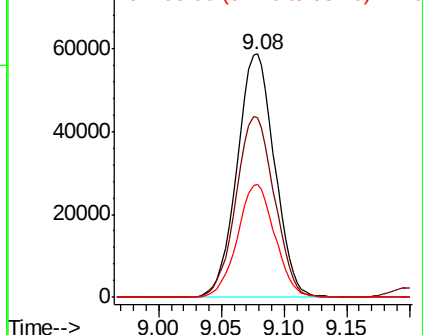
#39
Methvlcvclohexane
Concen: 20.414 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tot Ion	83	Resp	122024
Ion Ratio	Lower	Upper	
83	100		
55	73.9	59.8	89.8
98	46.7	37.1	55.7

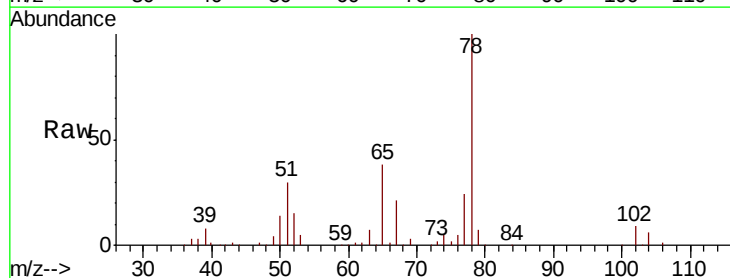


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

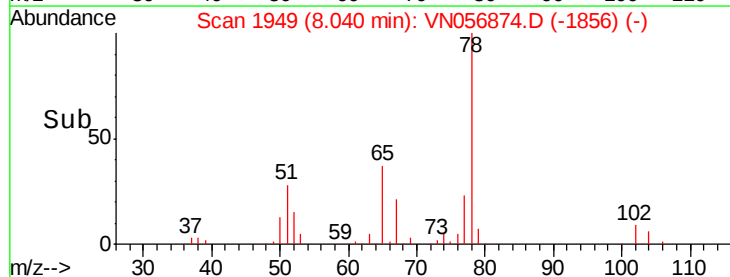
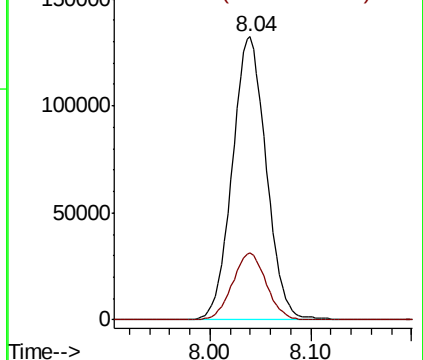


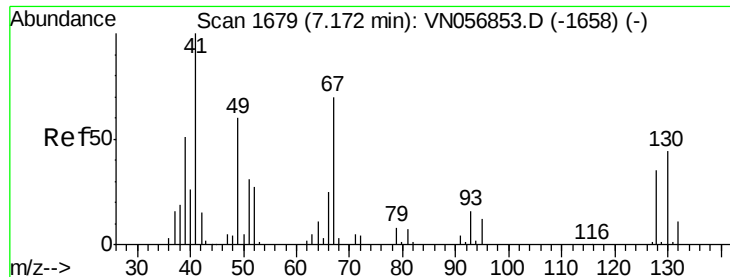
#40
Benzene
Concen: 20.818 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion	78	Resp	308894
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.1	28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

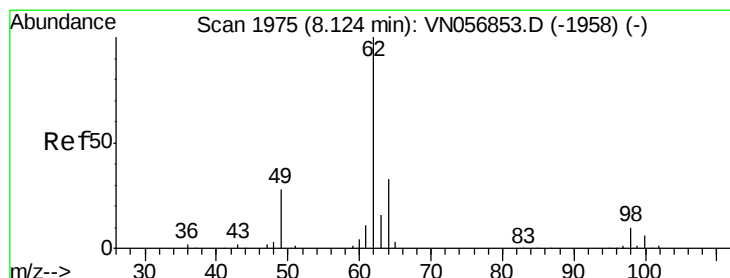
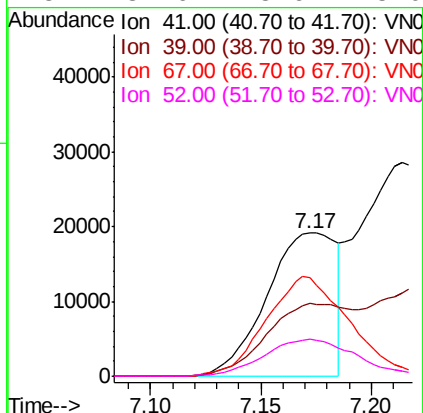
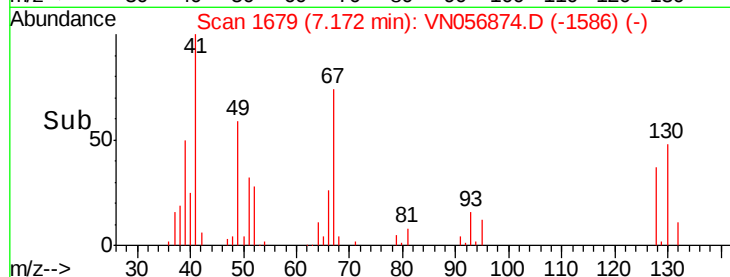
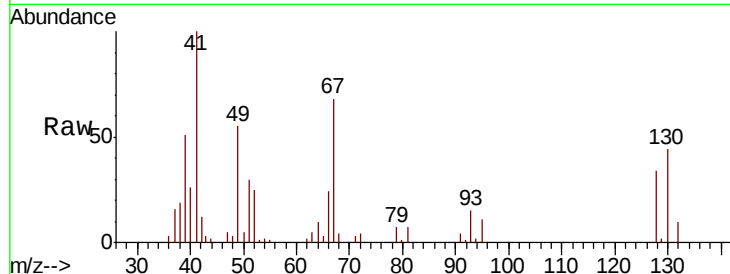




#41
Methacrylonitrile
Concen: 21.861 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

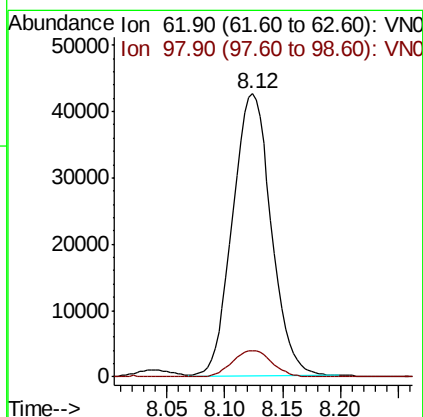
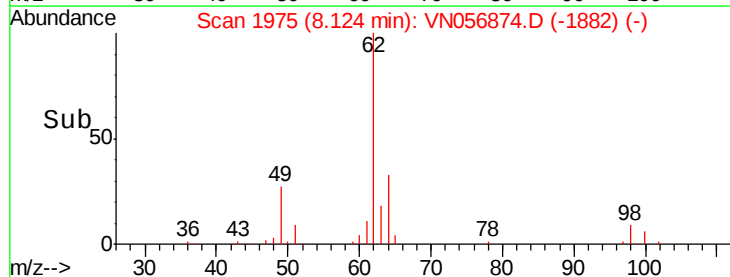
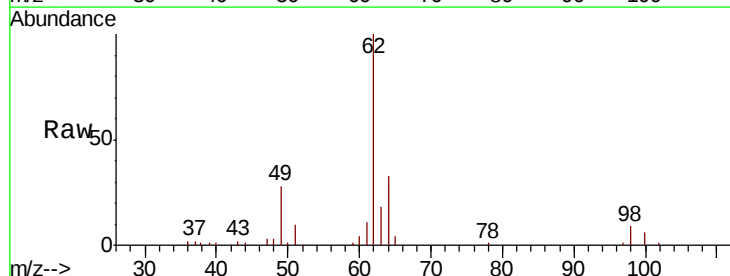
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

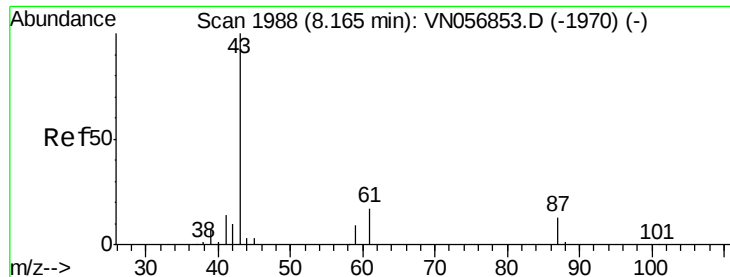
Tot Ion:	41	Resp:	41813
Ion	Ratio	Lower	Upper
41	100		
39	59.4	44.0	66.0
67	84.4	73.5	110.3
52	34.6	28.6	43.0



#42
1,2-Dichloroethane
Concen: 21.272 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion:	62	Resp:	98621
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 20.931 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

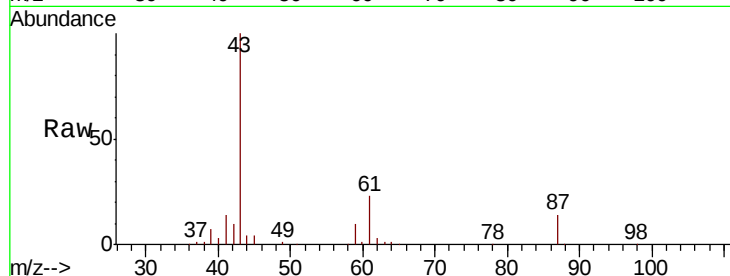
Tot Ion: 43 Resp: 138609

Ion Ratio Lower Upper

43 100

61 21.9 17.8 26.6

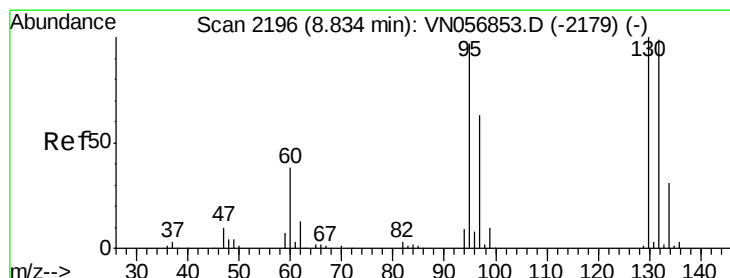
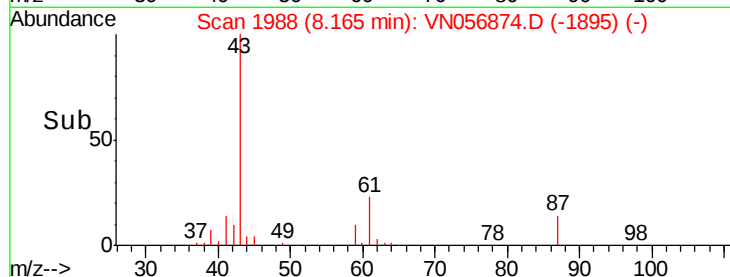
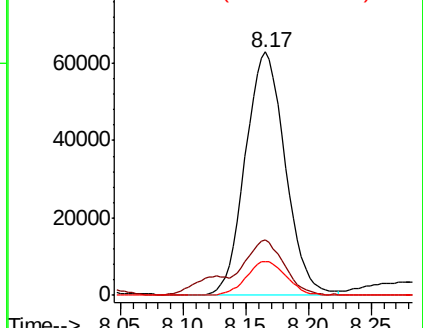
87 14.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056853.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056853.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056853.D (-1970) (-)



#44

Trichloroethene

Concen: 20.855 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056874.D

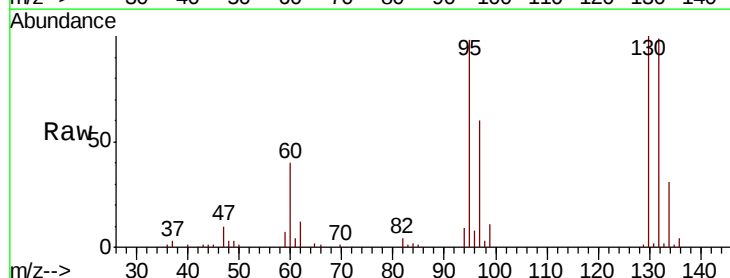
Acq: 23 Jul 2019 13:23

Tgt Ion:130 Resp: 82878

Ion Ratio Lower Upper

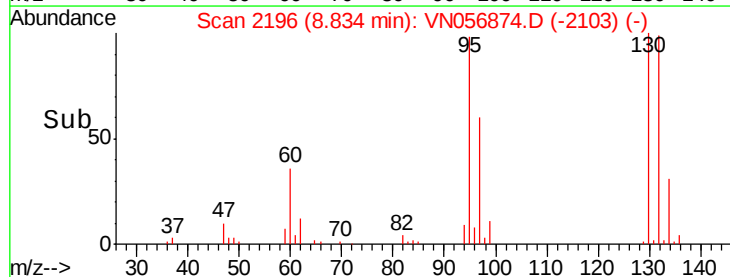
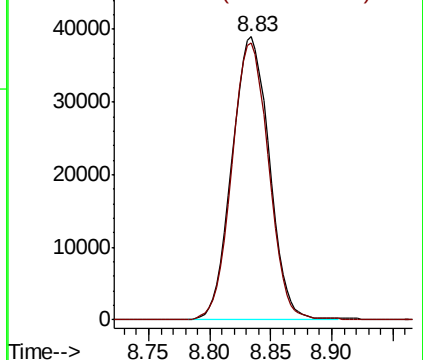
130 100

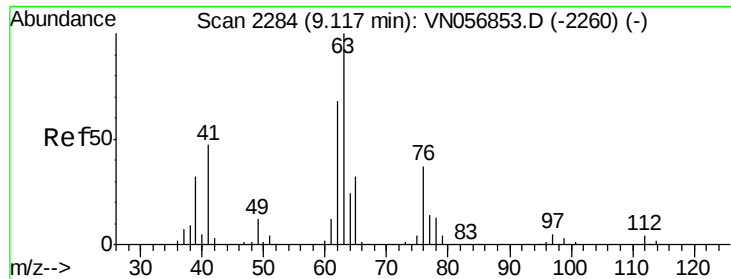
95 97.7 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): VN056853.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056853.D (-2179) (-)

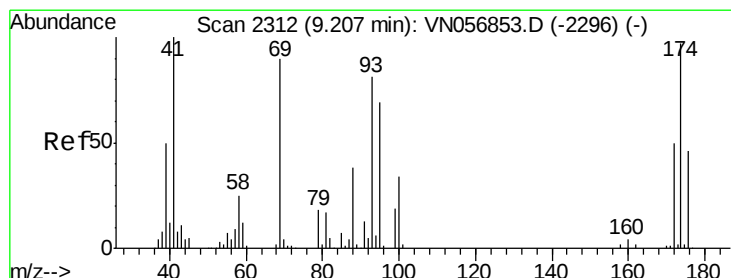
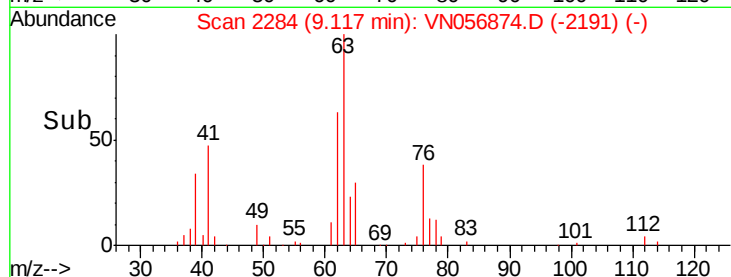
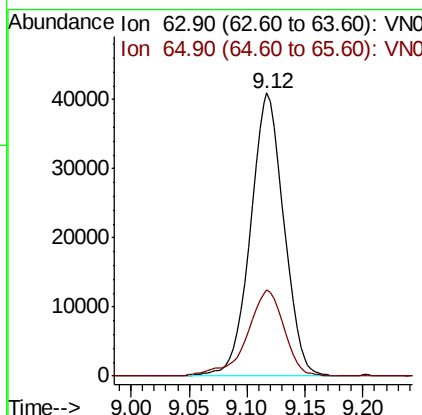
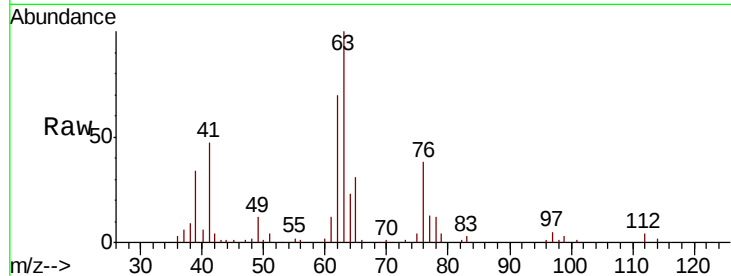




#45
 1,2-Dichloropropane
 Concen: 20.619 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

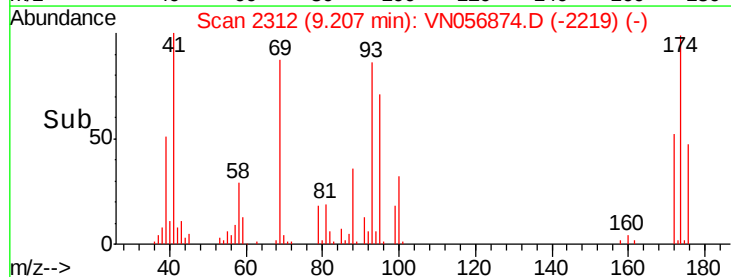
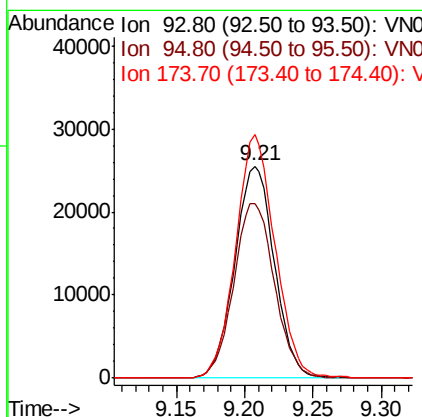
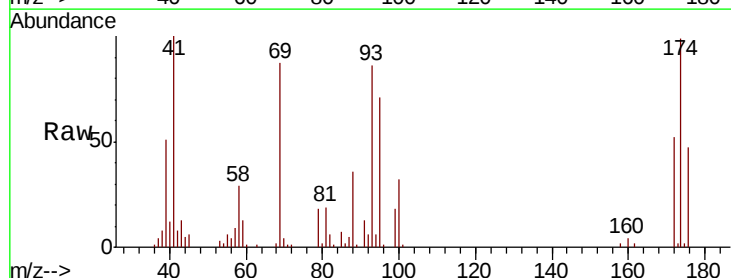
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

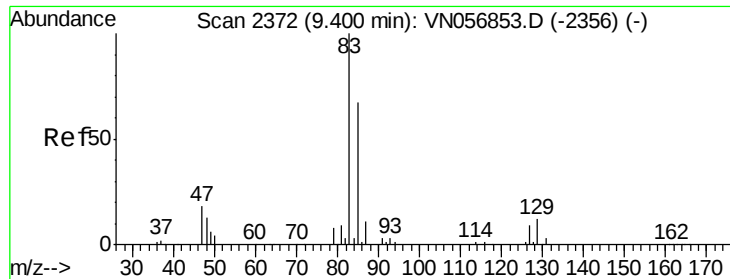
Tot Ion: 63 Resp: 82420
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.0



#46
 Dibromomethane
 Concen: 20.796 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 93 Resp: 51309
 Ion Ratio Lower Upper
 93 100
 95 85.0 67.4 101.0
 174 114.4 92.9 139.3





#47

Bromodichloromethane

Concen: 21.096 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

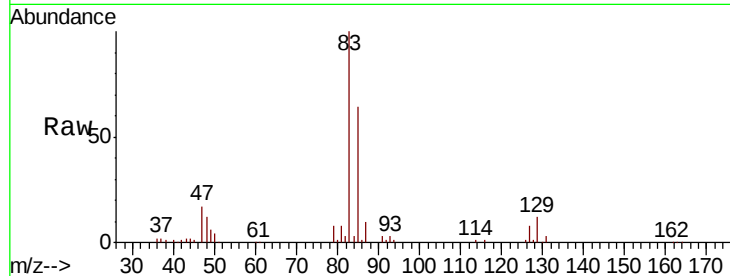
Tot Ion: 83 Resp: 97883

Ion Ratio Lower Upper

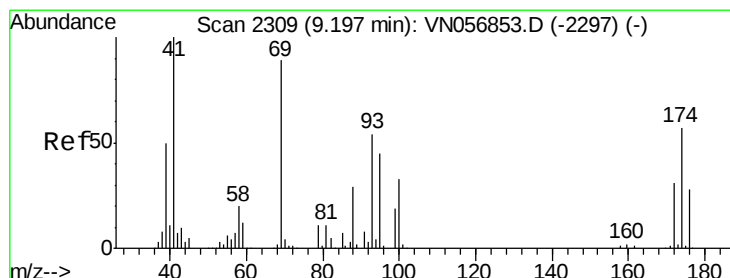
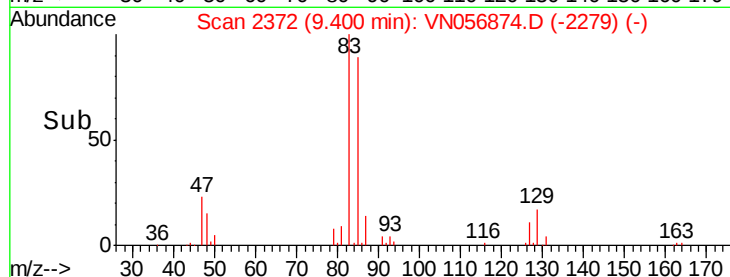
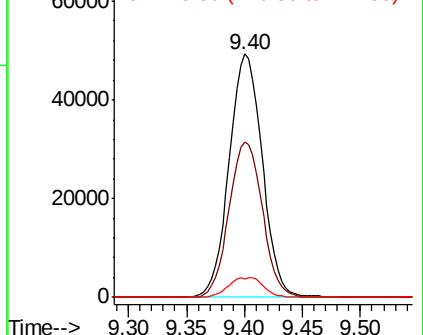
83 100

85 63.8 53.4 80.2

127 7.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 21.363 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

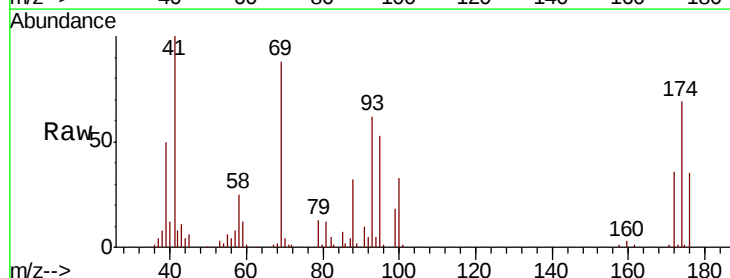
Tgt Ion: 41 Resp: 70772

Ion Ratio Lower Upper

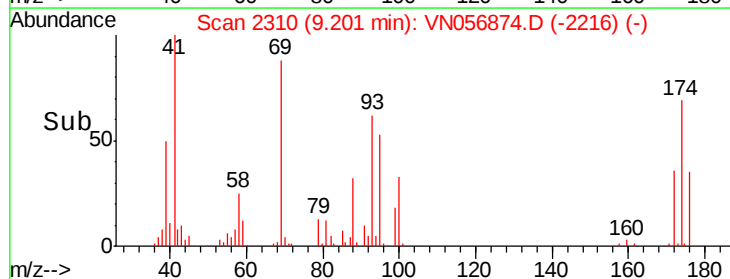
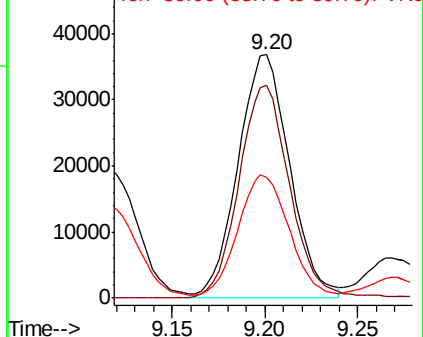
41 100

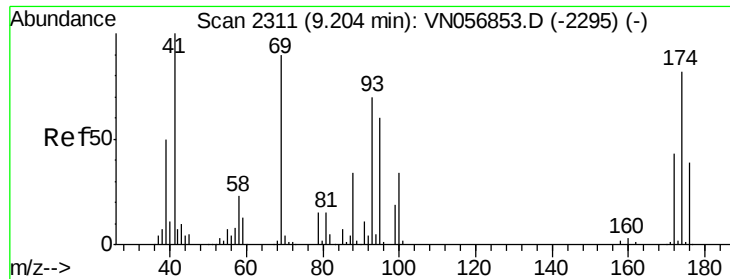
69 86.2 71.1 106.7

39 50.4 40.6 60.8



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





#49

1,4-Dioxane

Concen: 431.044 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

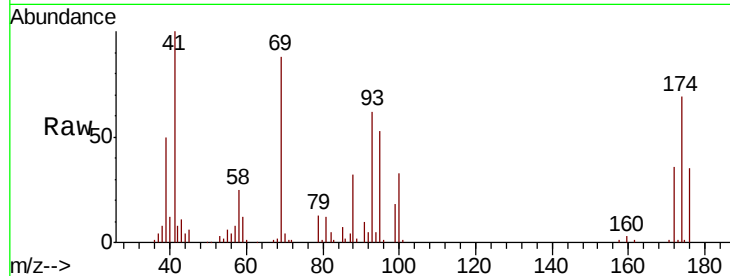
Tot Ion: 88 Resp: 28010

Ion Ratio Lower Upper

88 100

43 27.8 21.4 32.2

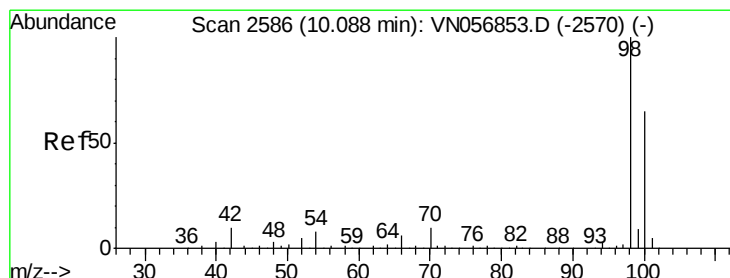
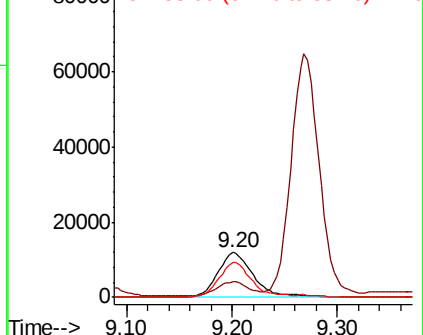
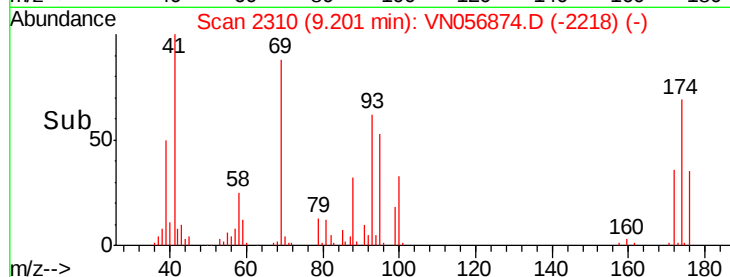
58 71.6 55.7 83.5



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



#50

Toluene-d8

Concen: 50.661 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056874.D

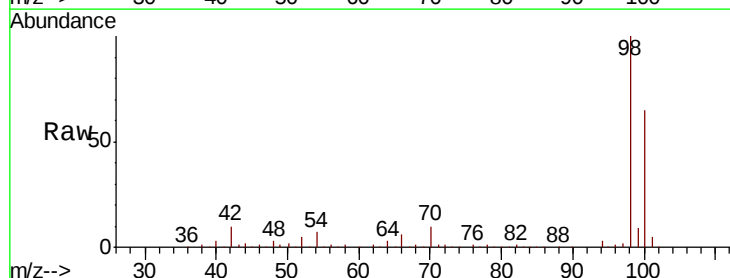
Acq: 23 Jul 2019 13:23

Tgt Ion: 98 Resp: 636340

Ion Ratio Lower Upper

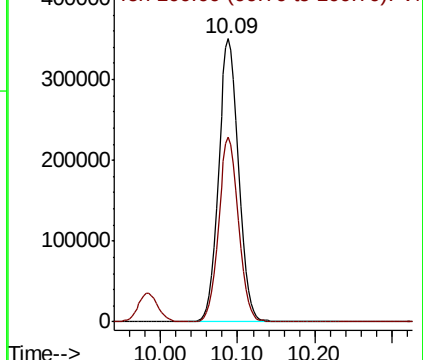
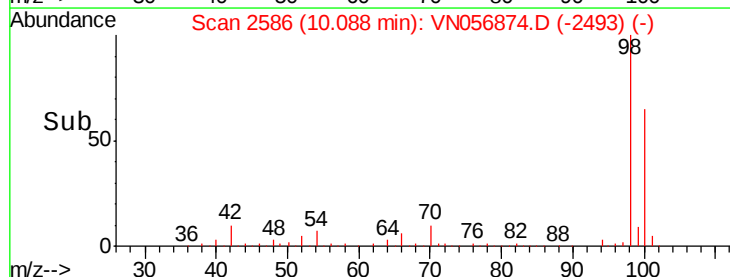
98 100

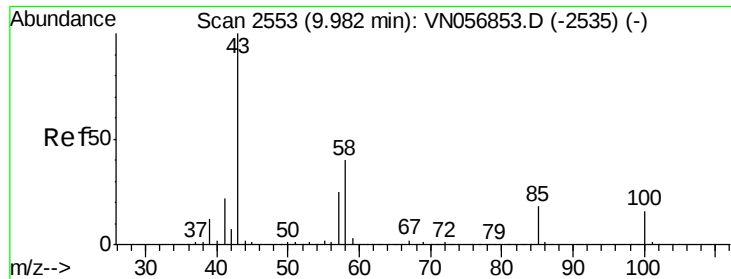
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 108.099 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleID :

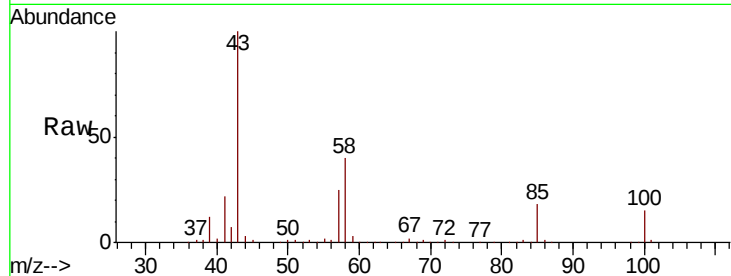
VN0723WBSD01

Tot Ion: 43 Resp: 426890

Ion Ratio Lower Upper

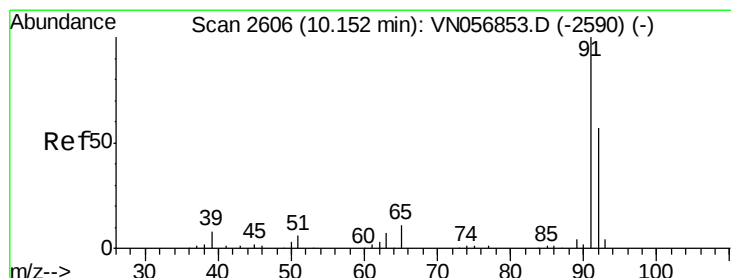
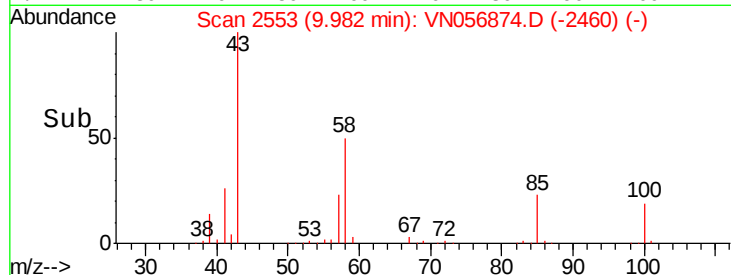
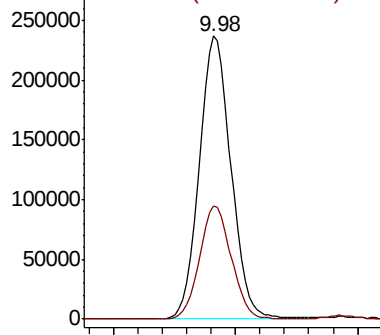
43 100

58 40.4 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 21.107 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056874.D

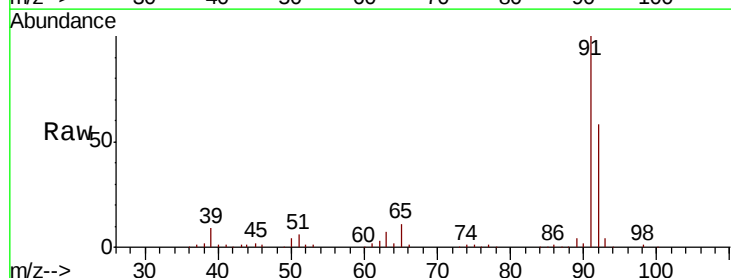
Acq: 23 Jul 2019 13:23

Tgt Ion: 92 Resp: 188460

Ion Ratio Lower Upper

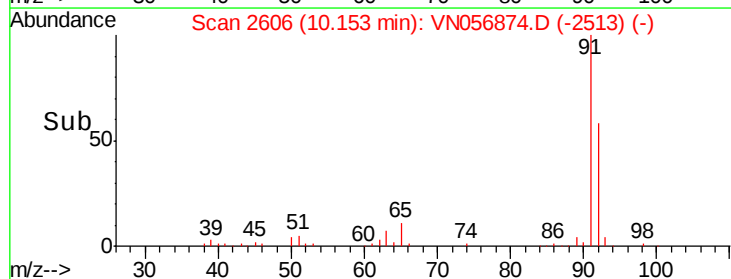
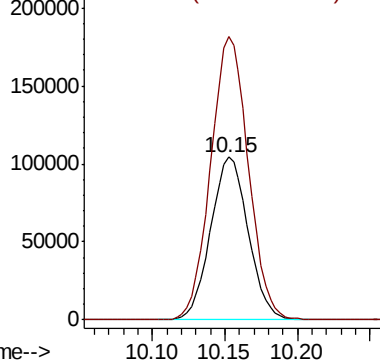
92 100

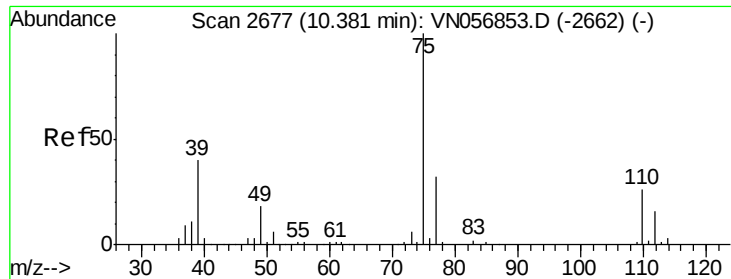
91 174.5 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.789 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

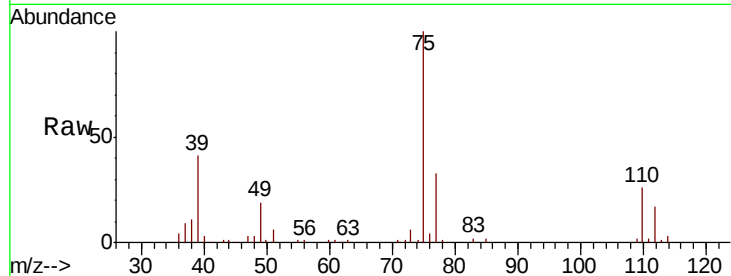
VN0723WBSD01

Tot Ion: 75 Resp: 98998

Ion Ratio Lower Upper

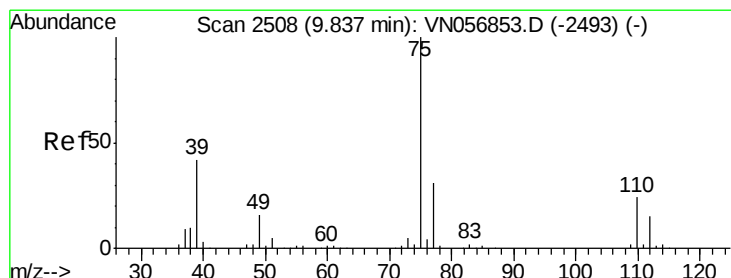
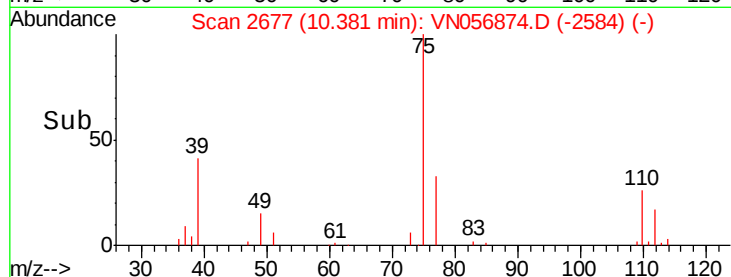
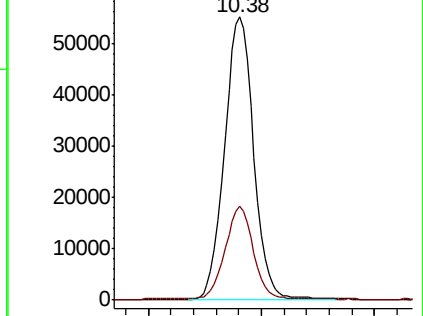
75 100

77 32.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.619 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

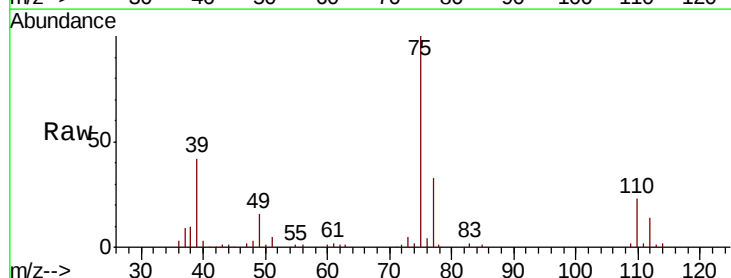
Tgt Ion: 75 Resp: 115755

Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7

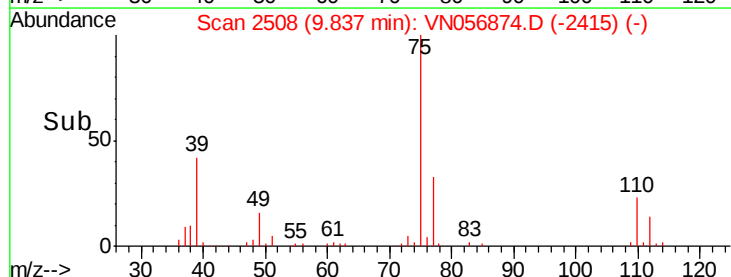
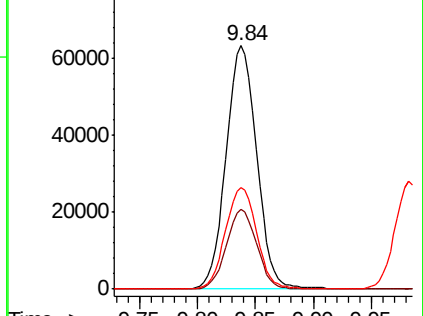
39 41.8 33.4 50.2

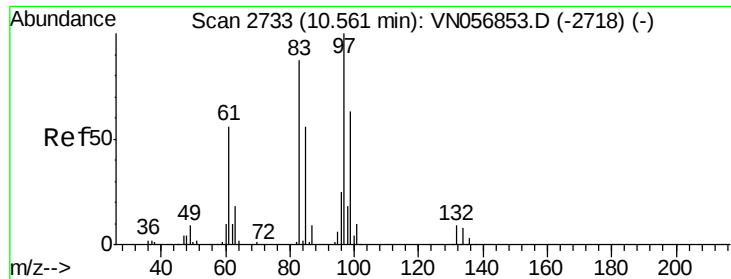


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

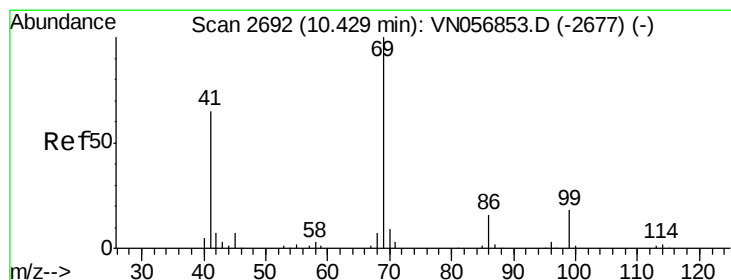
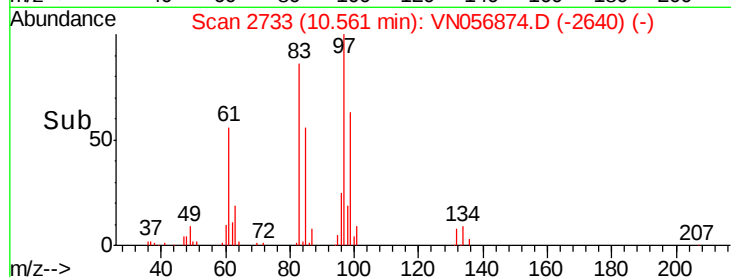
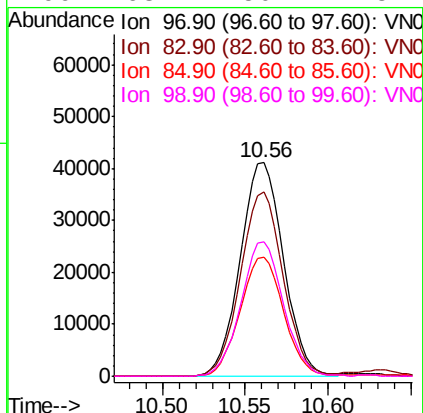
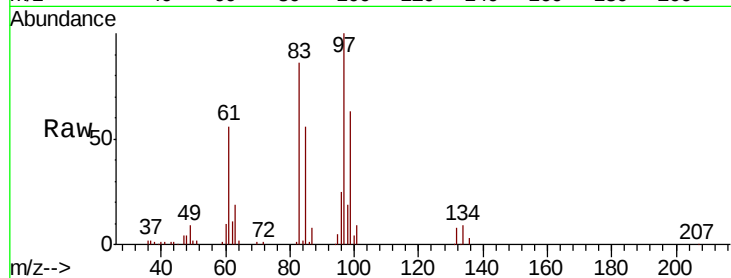




#55
 1,1,2-Trichloroethane
 Concen: 21.067 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

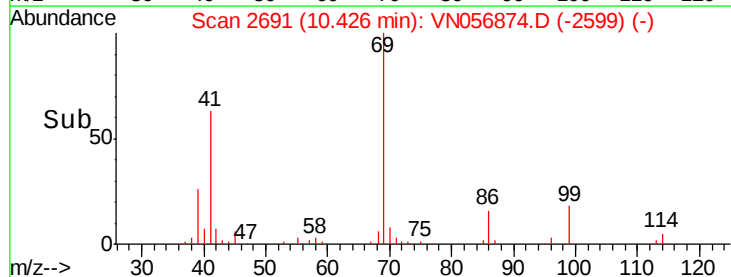
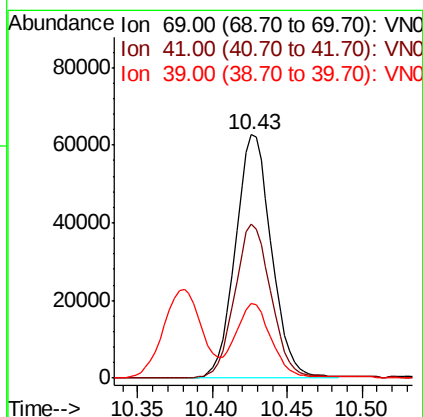
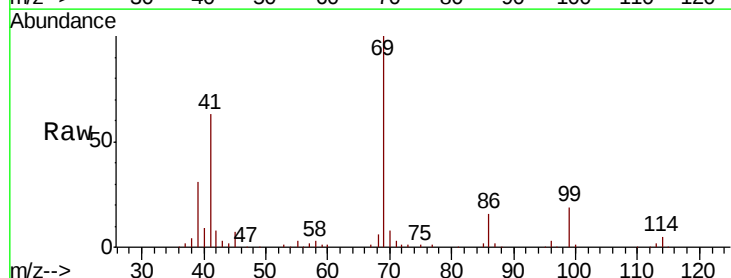
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

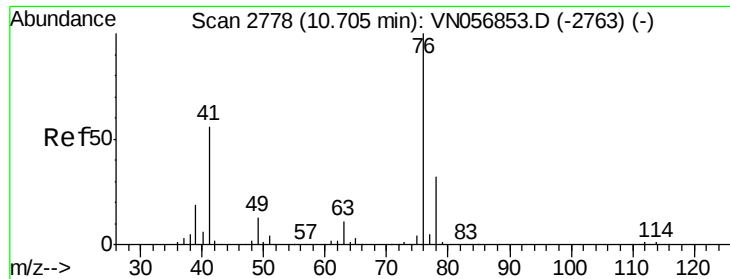
Tot Ion: 97 Resp: 74659
 Ion Ratio Lower Upper
 97 100
 83 86.2 70.0 105.0
 85 55.9 45.1 67.7
 99 63.1 50.2 75.4



#56
 Ethyl methacrylate
 Concen: 21.400 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 69 Resp: 105283
 Ion Ratio Lower Upper
 69 100
 41 64.1 51.0 76.6
 39 30.0 24.5 36.7

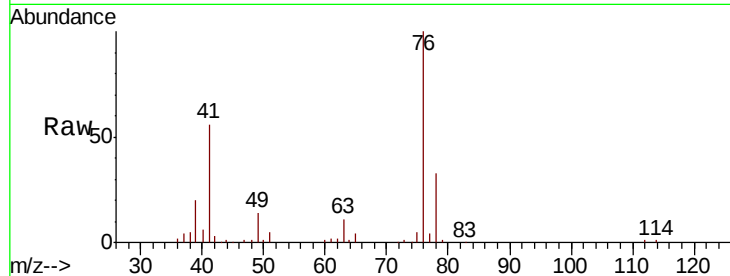




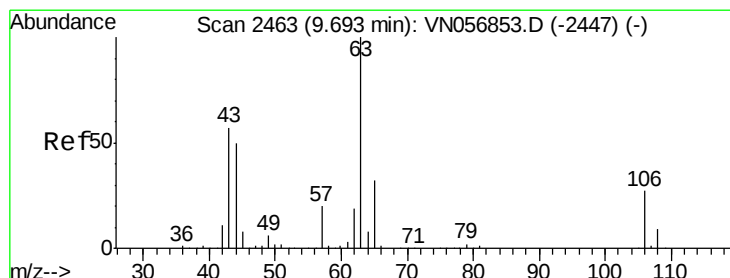
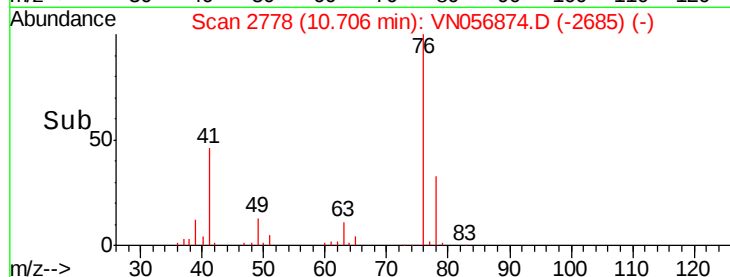
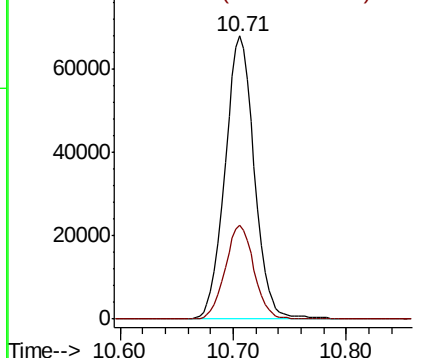
#57
 1,3-Dichloropropane
 Concen: 20.796 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Tot Ion: 76 Resp: 121993
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6

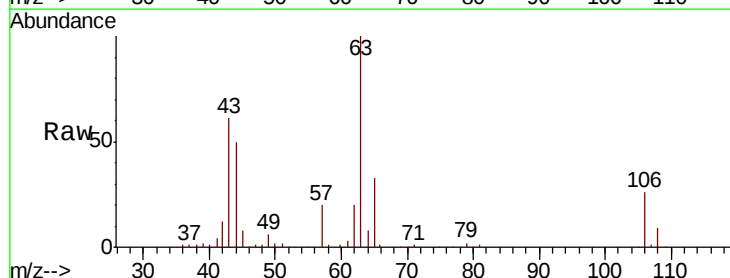


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

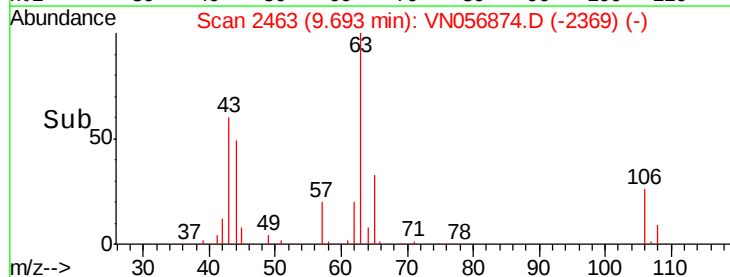
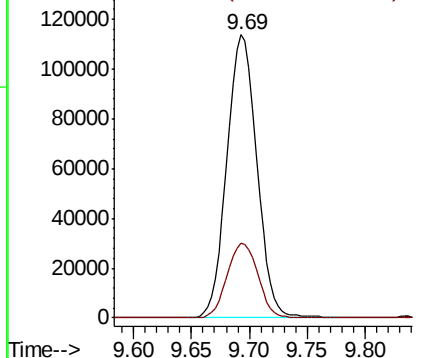


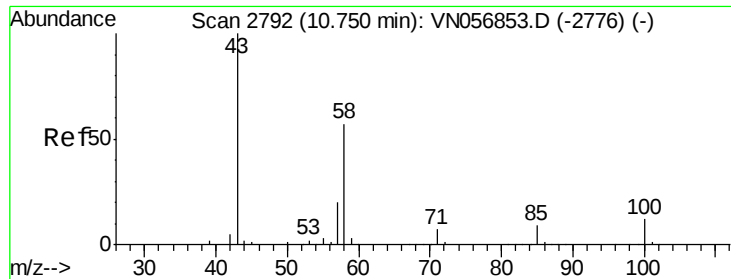
#58
 2-Chloroethyl Vinyl ether
 Concen: 91.674 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 63 Resp: 203796
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

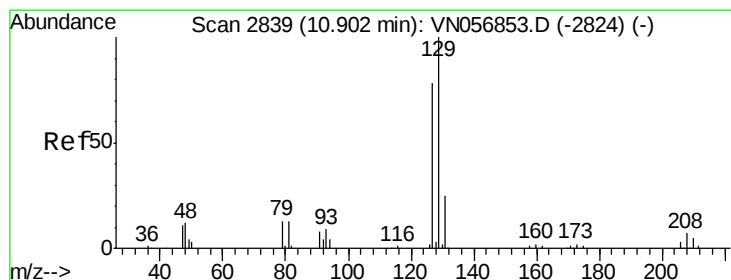
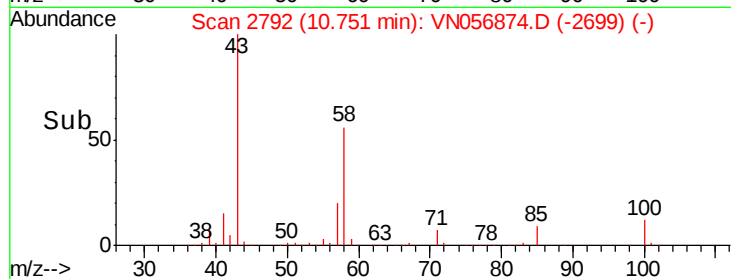
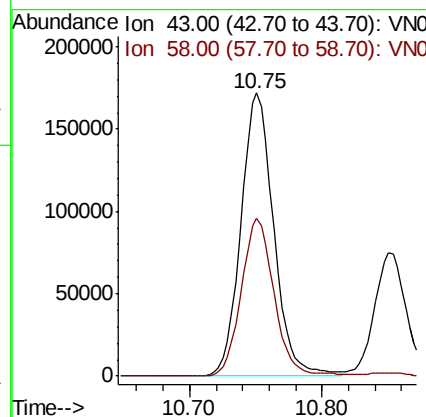
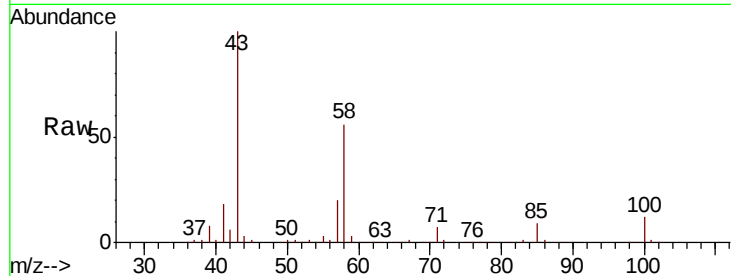




#59
2-Hexanone
Concen: 107.403 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

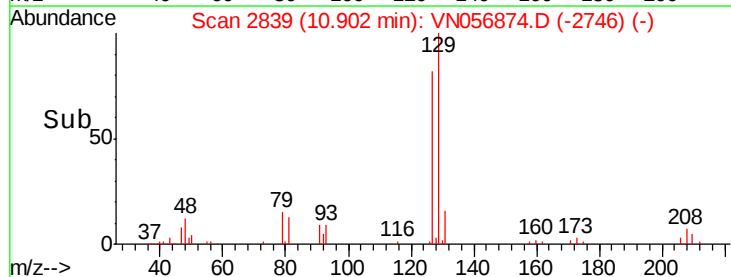
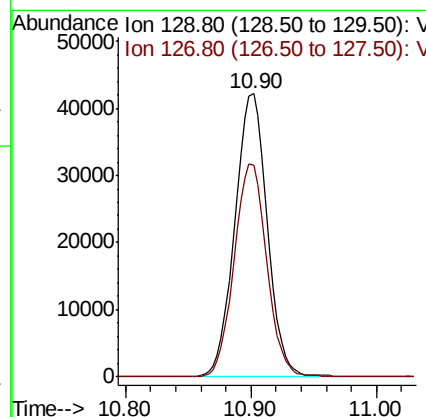
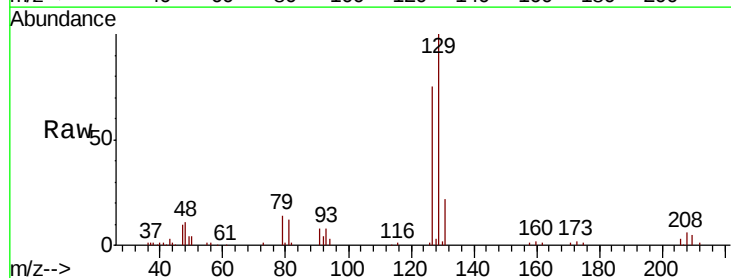
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

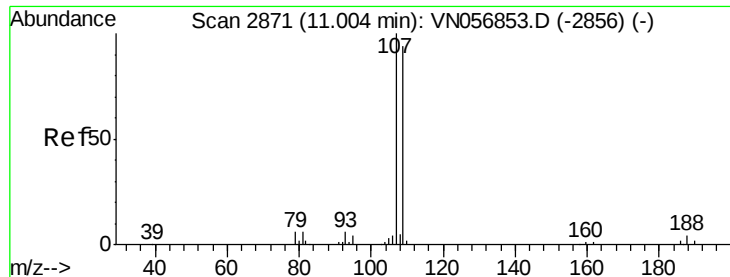
Tot Ion: 43 Resp: 293585
Ion Ratio Lower Upper
43 100
58 56.1 28.3 85.0



#60
Dibromochloromethane
Concen: 21.315 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion:129 Resp: 75800
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5

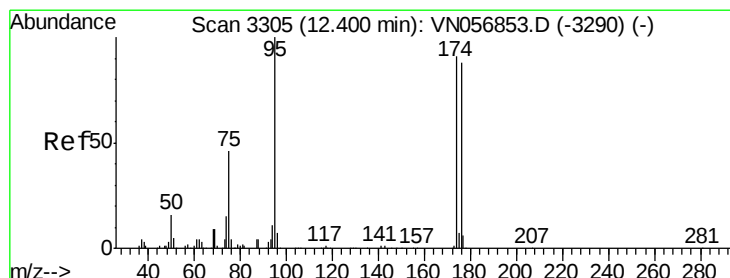
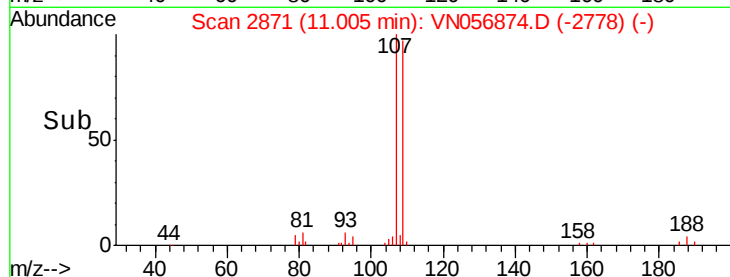
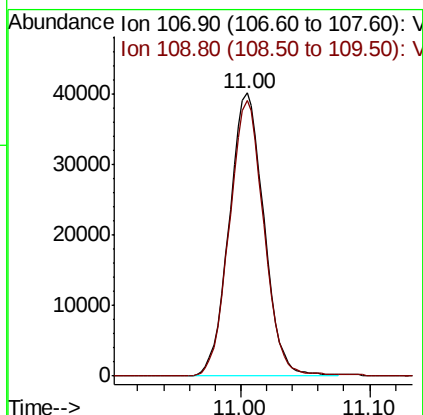
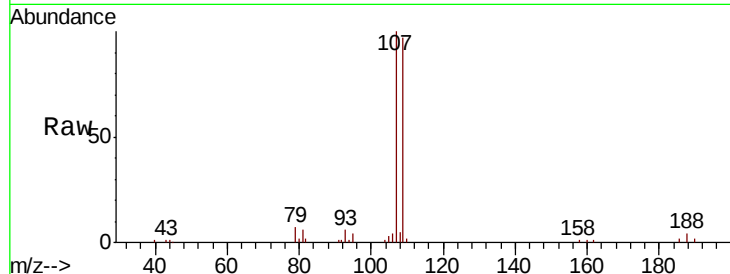




#61
 1,2-Dibromoethane
 Concen: 21.290 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

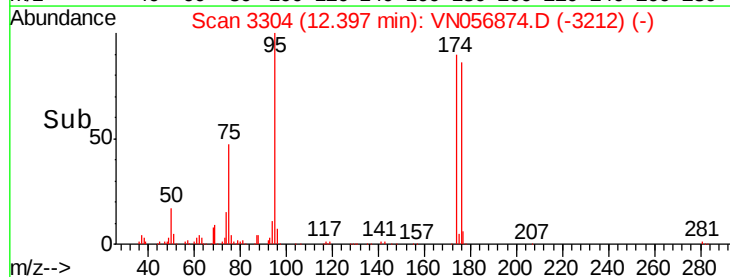
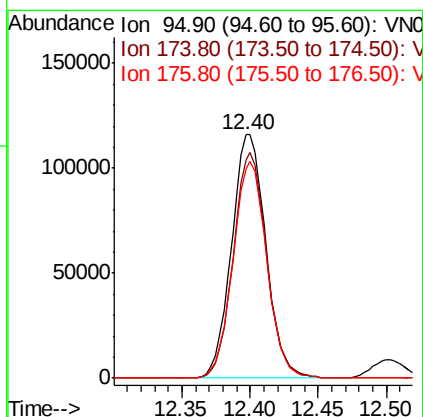
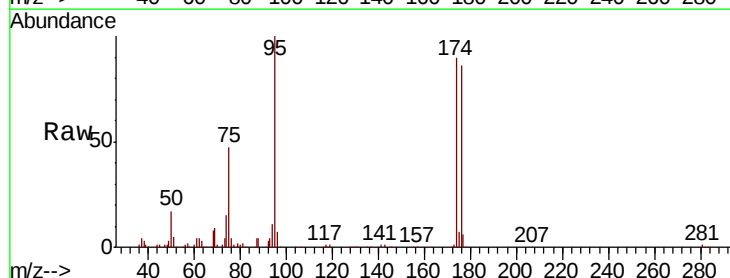
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

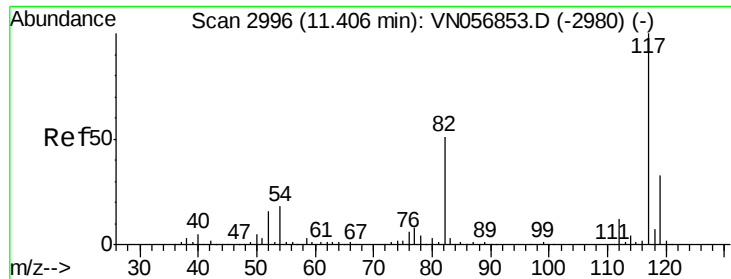
Tot Ion: 107 Resp: 74932
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 49.324 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 95 Resp: 202750
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 183.4
 176 87.5 0.0 175.8

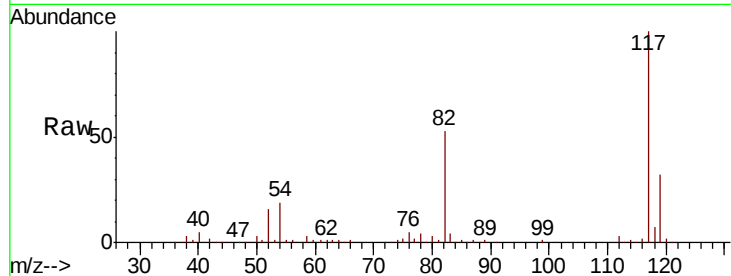




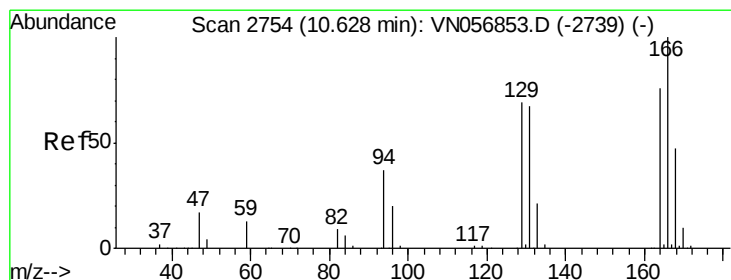
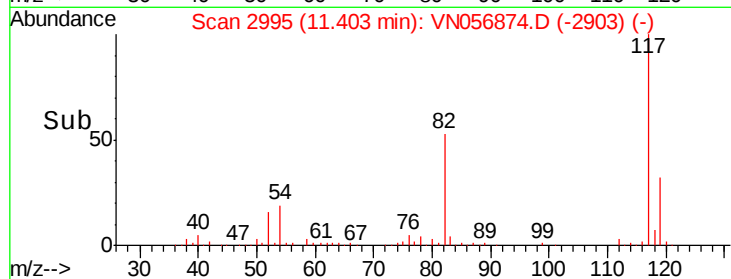
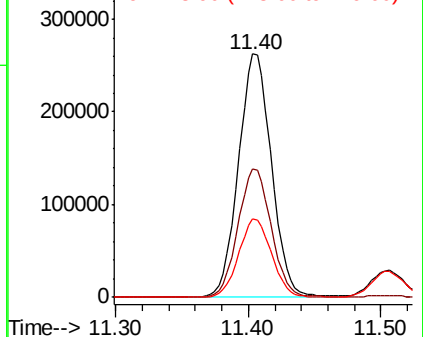
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tot Ion:117 Resp: 454663
Ion Ratio Lower Upper
117 100
82 52.8 41.2 61.8
119 32.0 26.4 39.6

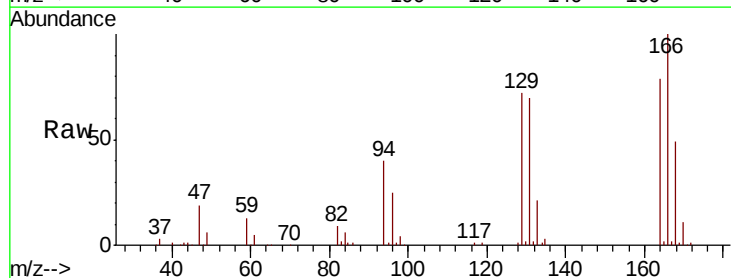


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

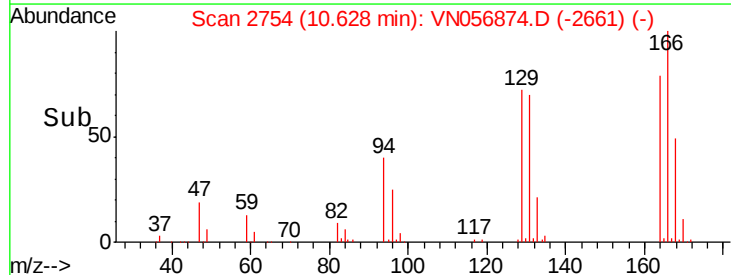
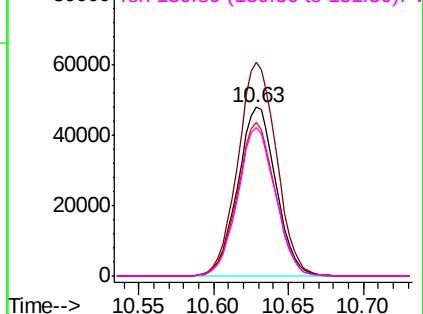


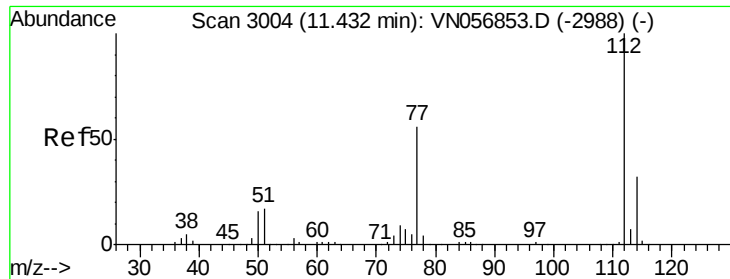
#64
Tetrachloroethene
Concen: 21.832 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion:164 Resp: 85155
Ion Ratio Lower Upper
164 100
166 126.7 104.9 157.3
129 90.8 72.8 109.2
131 88.4 70.2 105.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

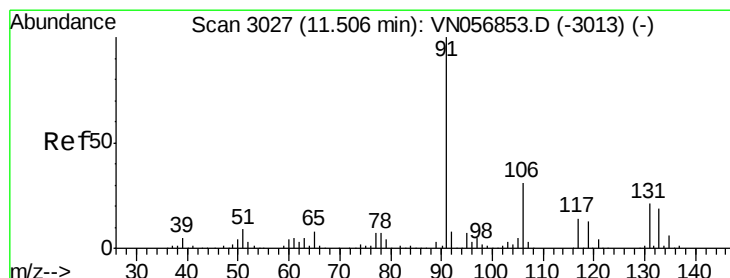
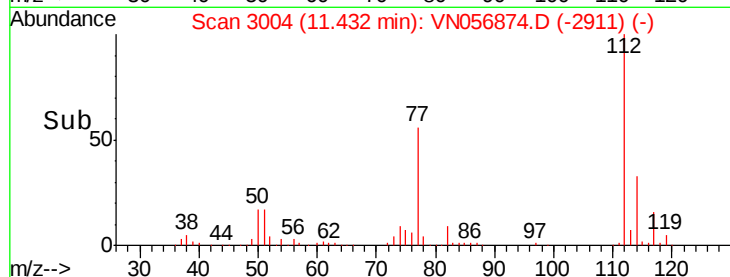
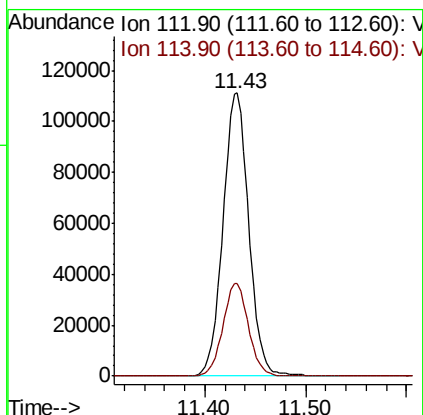
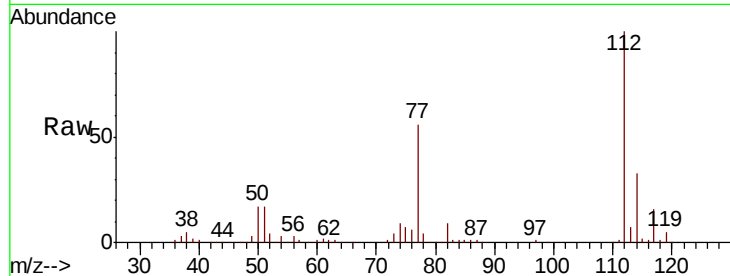




#65
Chlorobenzene
Concen: 21.013 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

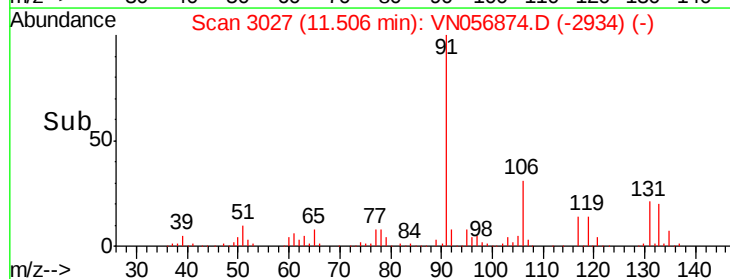
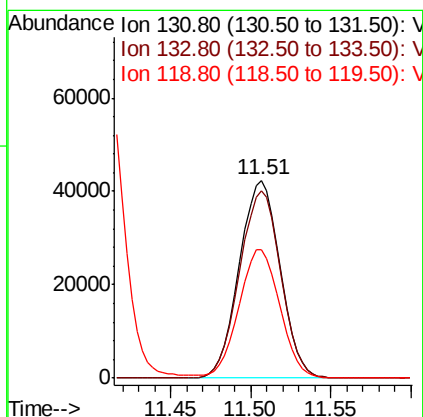
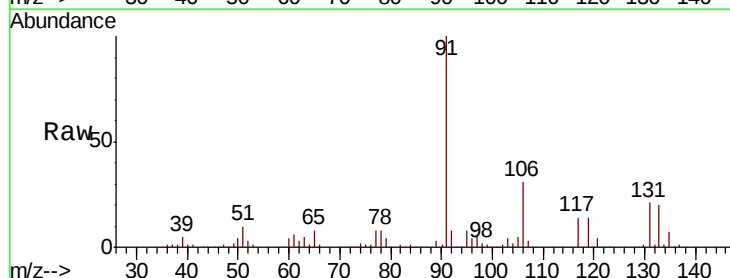
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

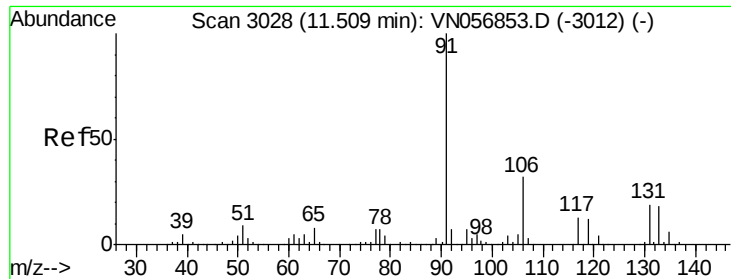
Tot Ion:112 Resp: 198541
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.774 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion:131 Resp: 73998
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.3
119 65.1 33.1 99.5

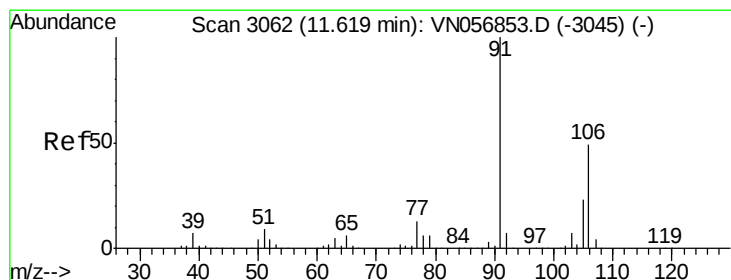
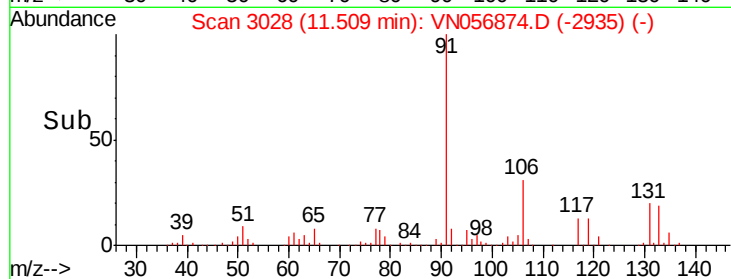
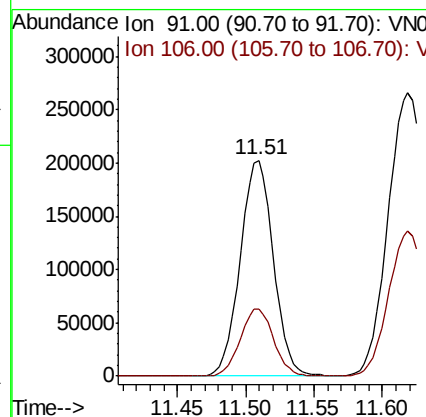
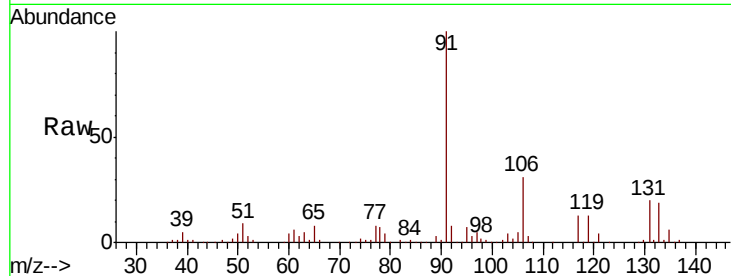




#67
Ethyl Benzene
Concen: 21.027 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

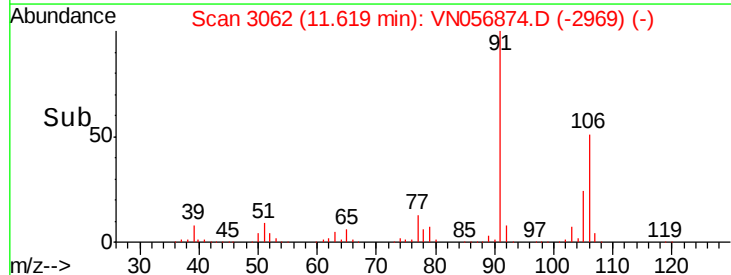
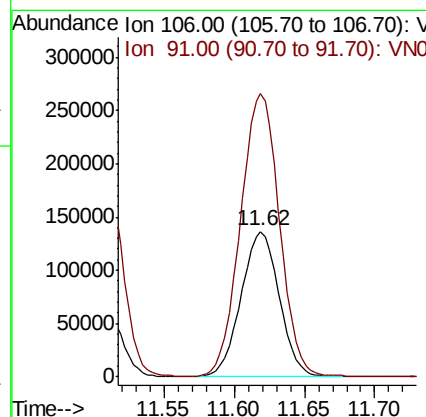
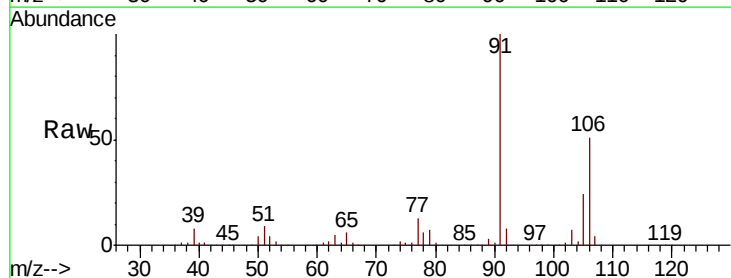
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

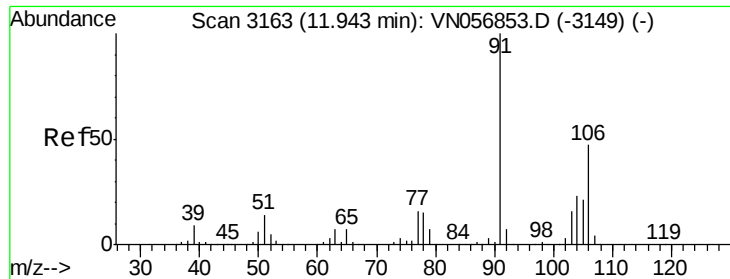
Tot Ion: 91 Resp: 342961
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 42.239 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion: 106 Resp: 257923
Ion Ratio Lower Upper
106 100
91 200.3 160.5 240.7

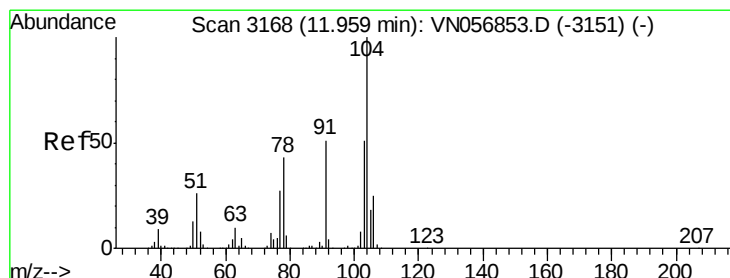
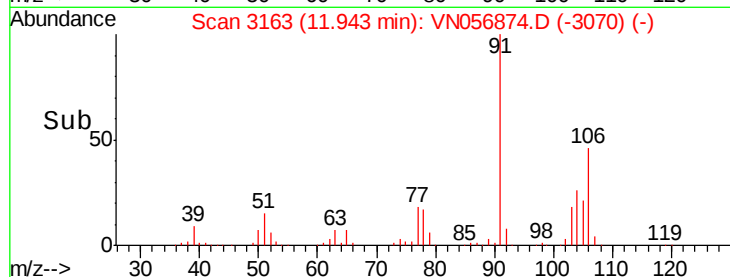
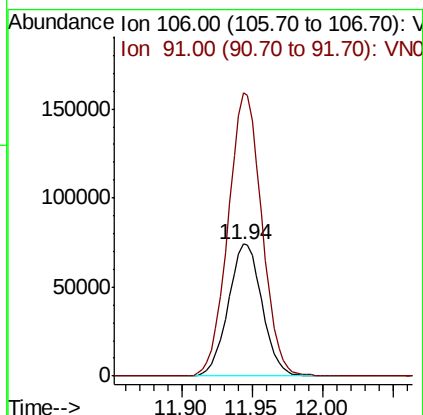
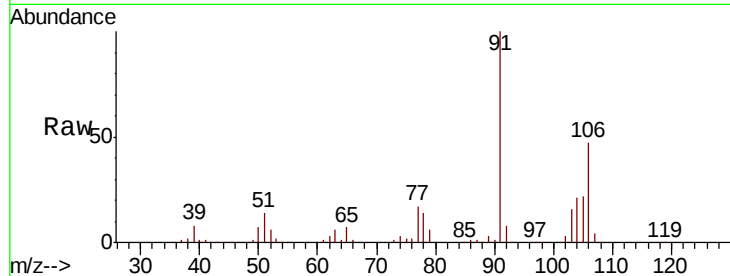




#69
o-Xylene
Concen: 20.852 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

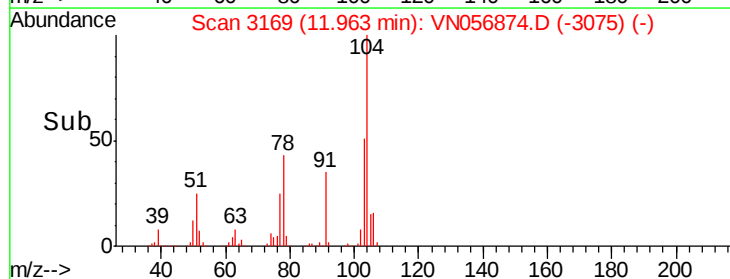
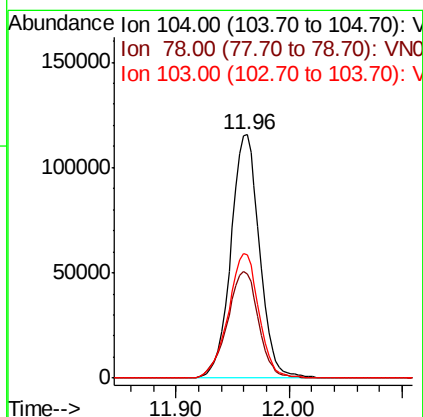
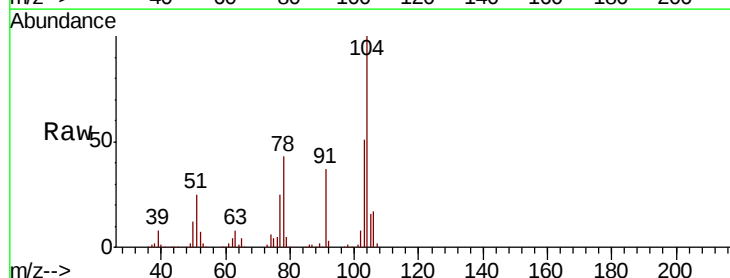
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

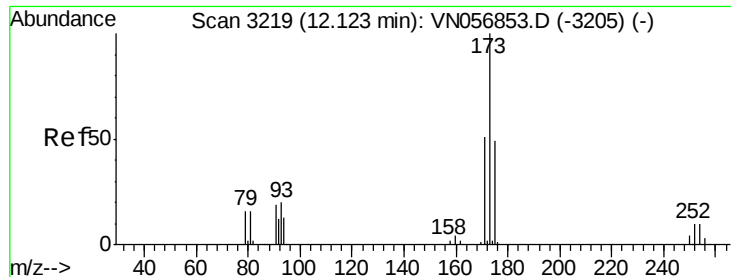
Tot Ion:106 Resp: 124297
Ion Ratio Lower Upper
106 100
91 214.4 105.1 315.3



#70
Styrene
Concen: 19.809 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion:104 Resp: 203898
Ion Ratio Lower Upper
104 100
78 48.0 38.1 57.1
103 54.9 44.2 66.4





#71

Bromoform

Concen: 20.787 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

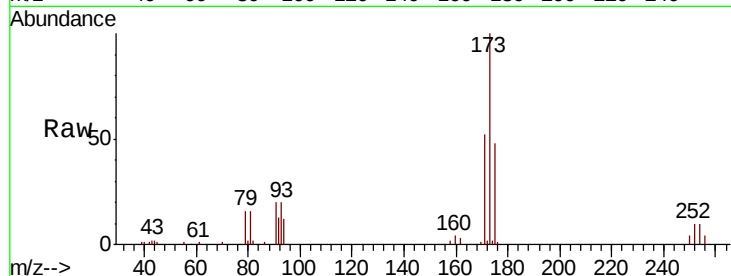
Tot Ion:173 Resp: 51312

Ion Ratio Lower Upper

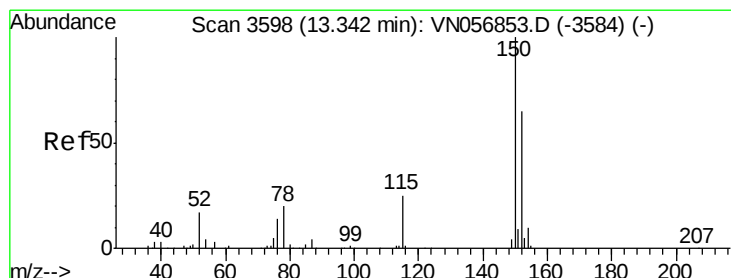
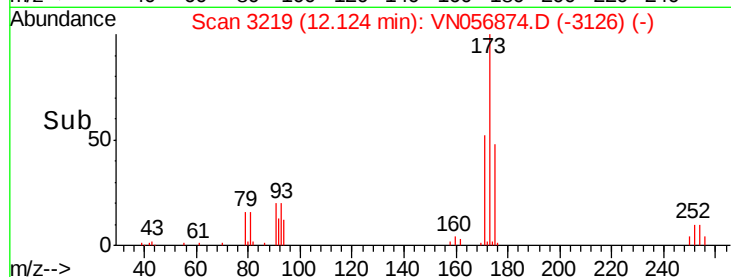
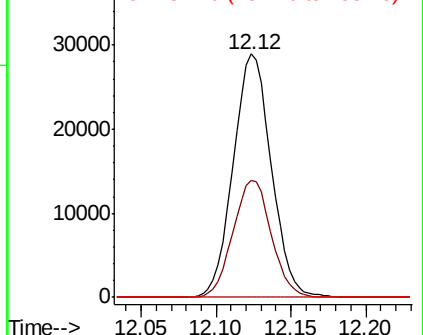
173 100

175 48.1 24.1 72.3

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

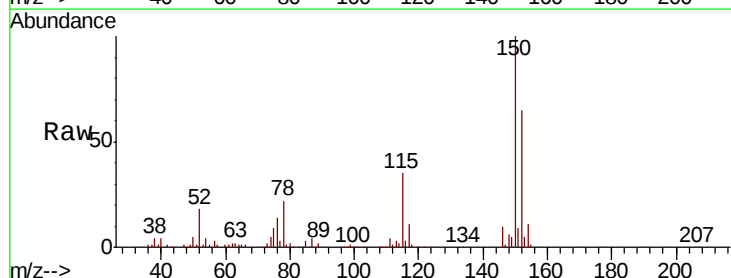
Tgt Ion:152 Resp: 181259

Ion Ratio Lower Upper

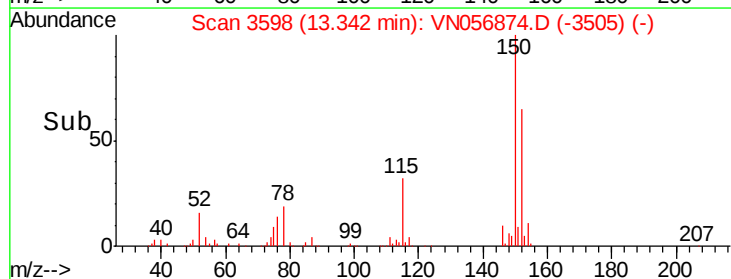
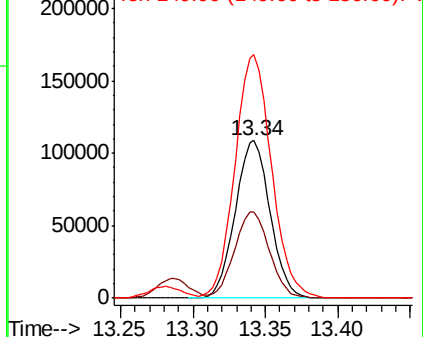
152 100

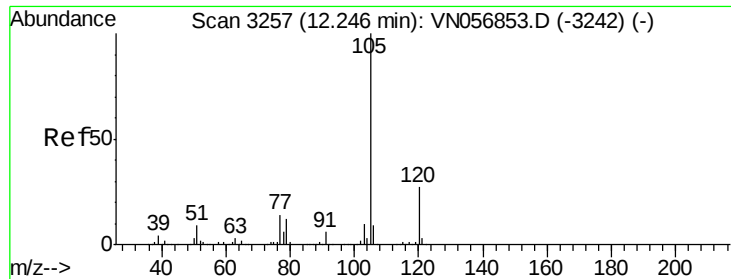
115 55.1 27.6 82.7

150 162.2 0.0 343.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.975 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

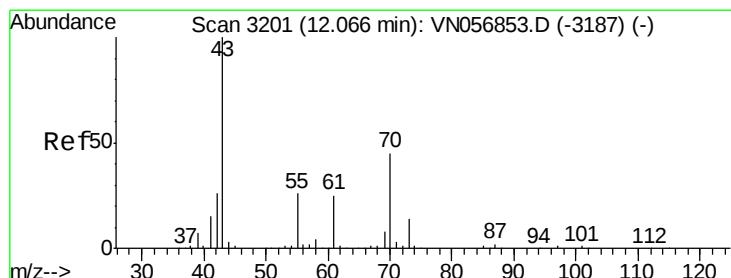
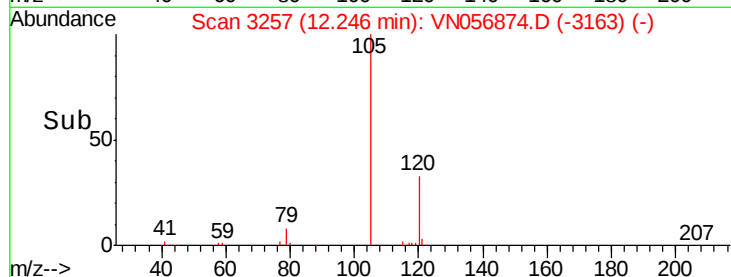
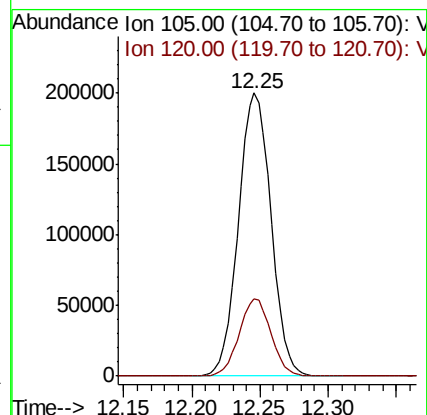
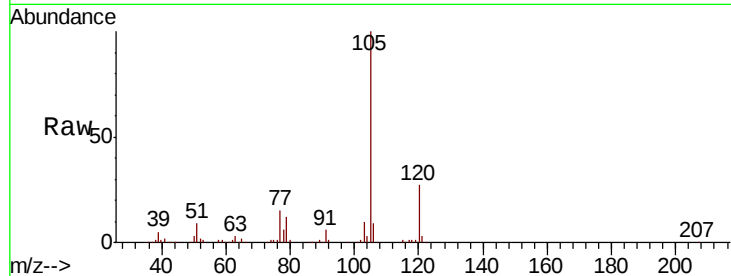
VN0723WBSD01

Tot Ion:105 Resp: 331135

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 20.284 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Tgt Ion: 43 Resp: 107950

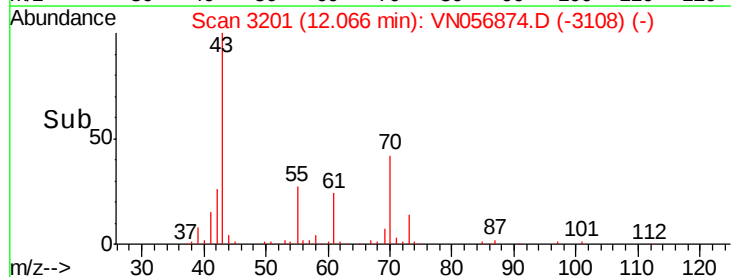
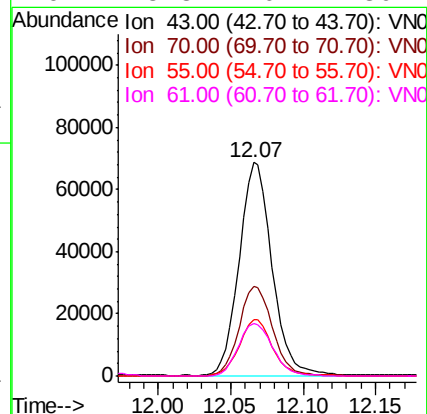
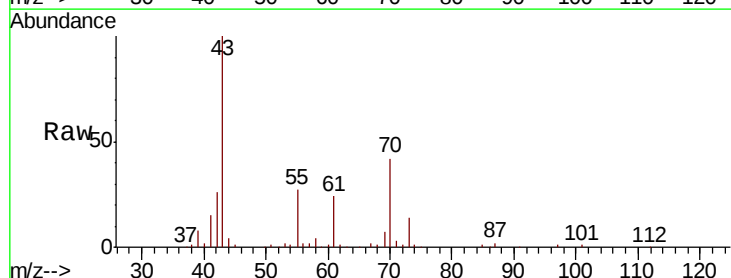
Ion Ratio Lower Upper

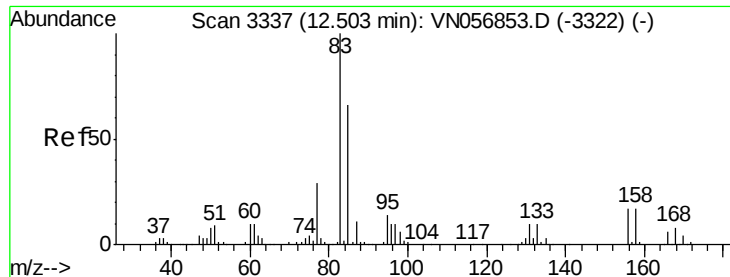
43 100

70 43.2 35.3 52.9

55 27.0 20.6 31.0

61 25.8 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 23.386 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

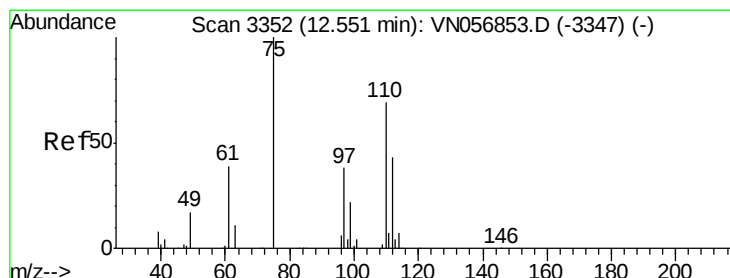
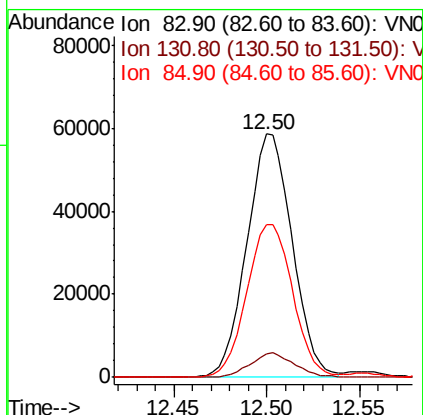
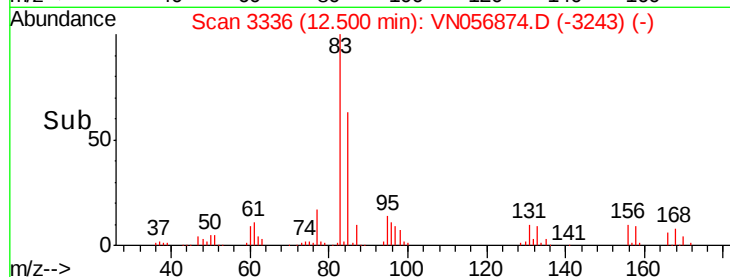
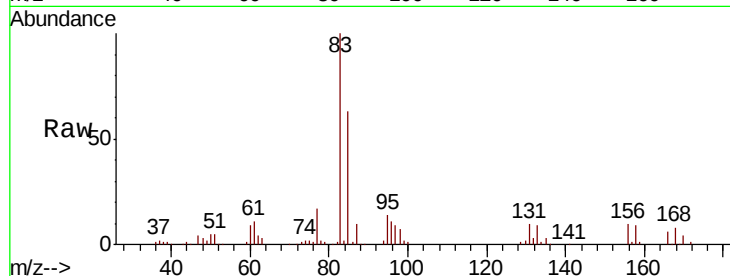
Tot Ion: 83 Resp: 99558

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.4

85 63.5 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 30.612 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN056874.D

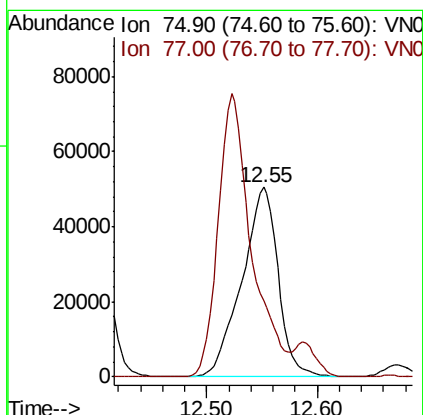
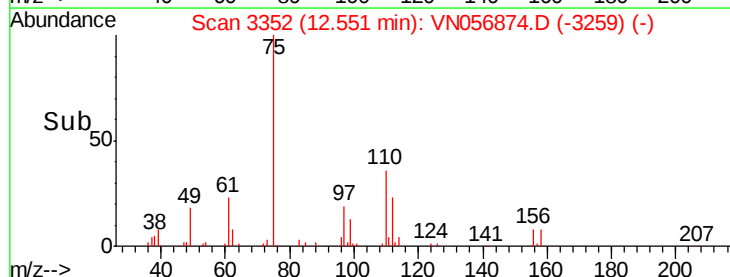
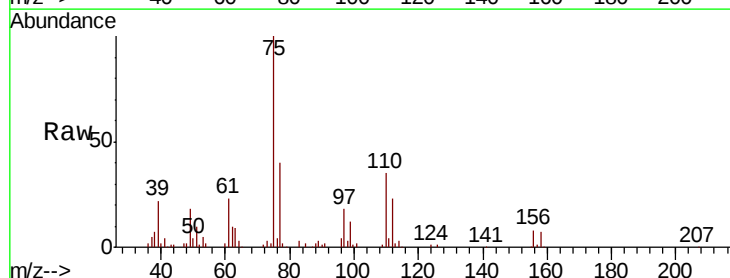
Acq: 23 Jul 2019 13:23

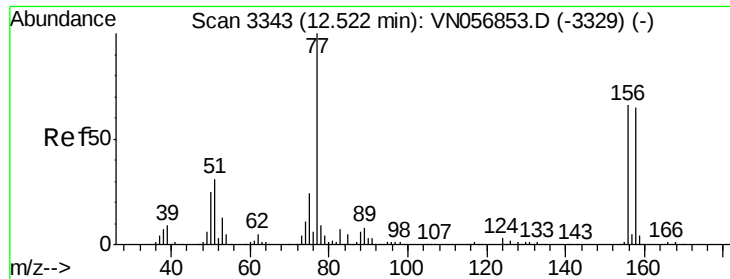
Tgt Ion: 75 Resp: 114994

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.008 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

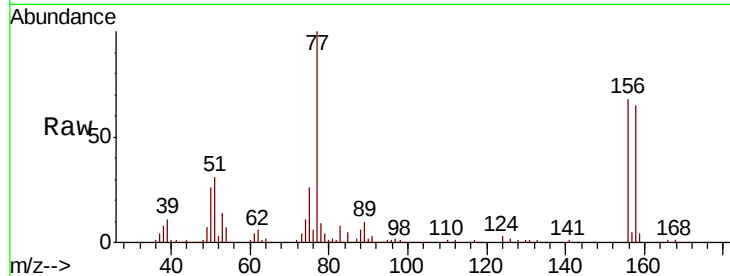
Tot Ion:156 Resp: 87013

Ion Ratio Lower Upper

156 100

77 181.1 90.7 272.1

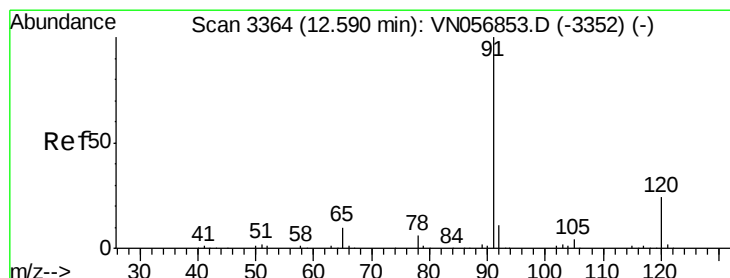
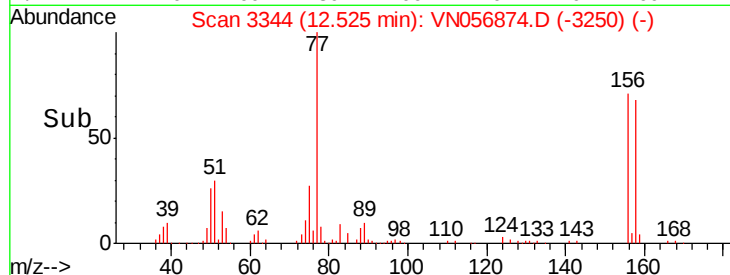
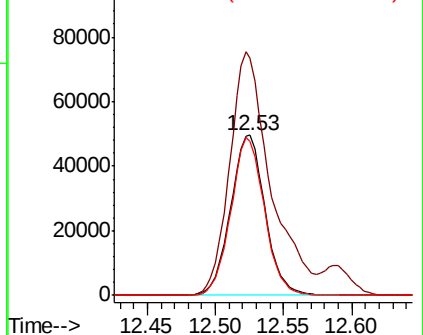
158 95.8 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.470 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056874.D

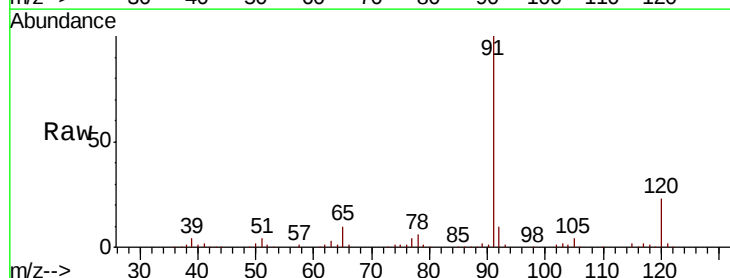
Acq: 23 Jul 2019 13:23

Tgt Ion: 91 Resp: 357703

Ion Ratio Lower Upper

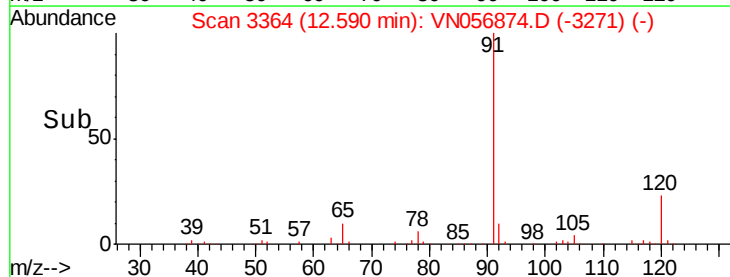
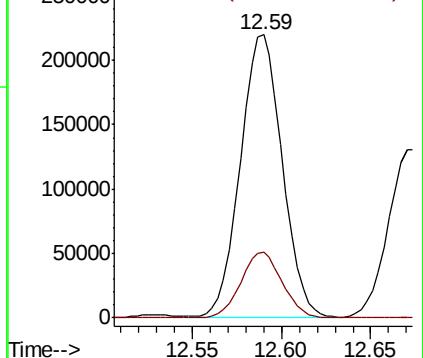
91 100

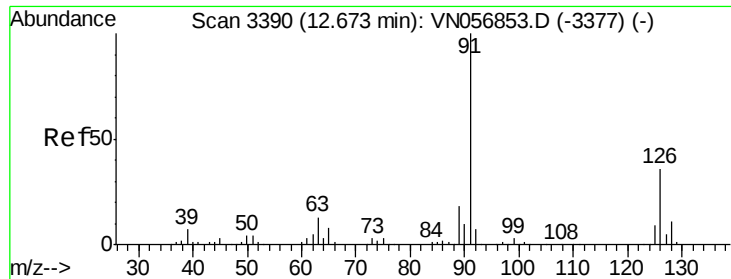
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

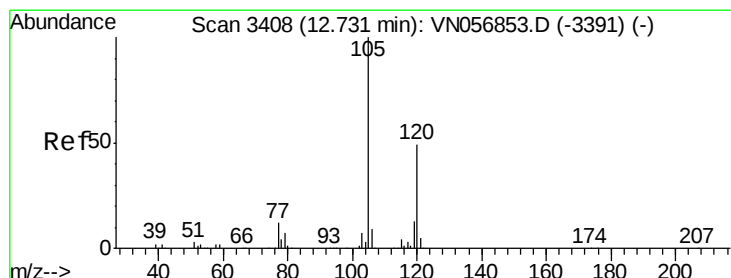
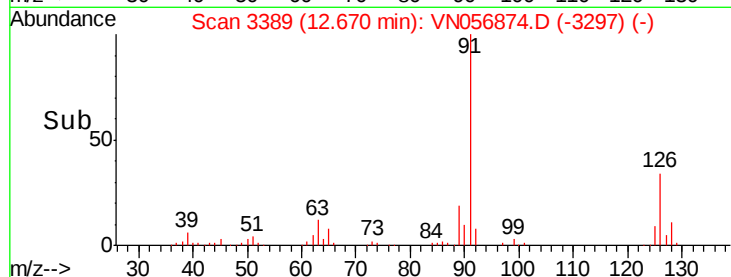
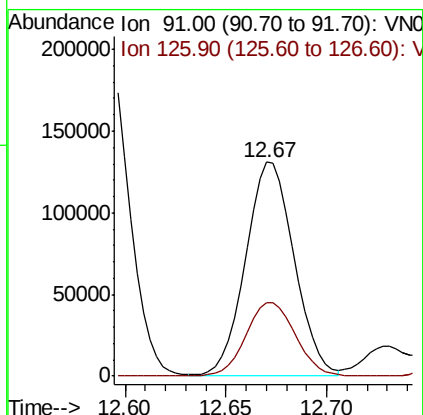
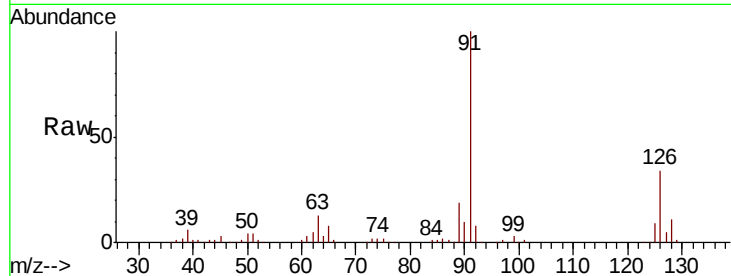




#79
 2-Chlorotoluene
 Concen: 22.136 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

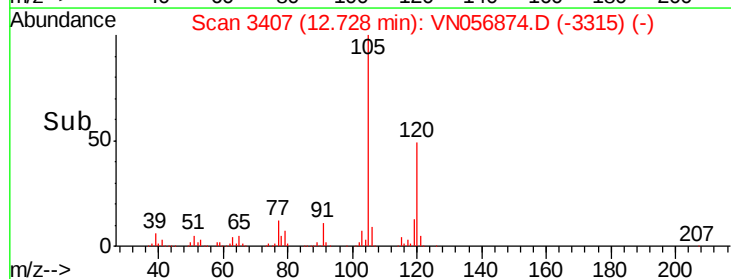
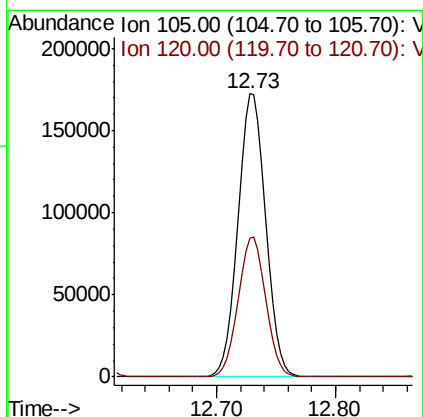
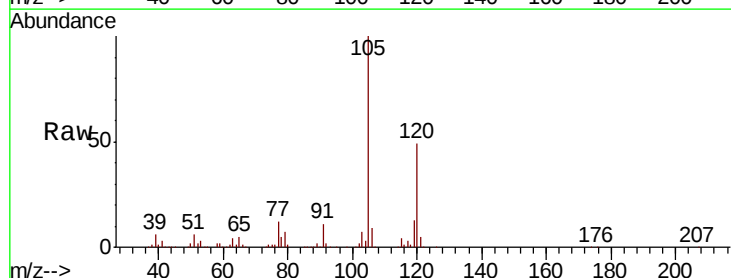
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

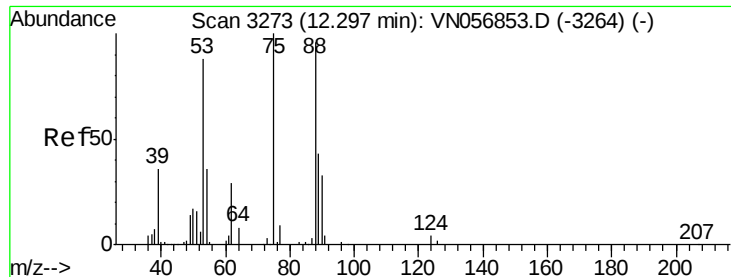
Tot Ion: 91 Resp: 218957
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.8 53.5



#80
 1,3,5-Trimethylbenzene
 Concen: 21.969 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion: 105 Resp: 278330
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 21.558 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampled :

VN0723WBSD01

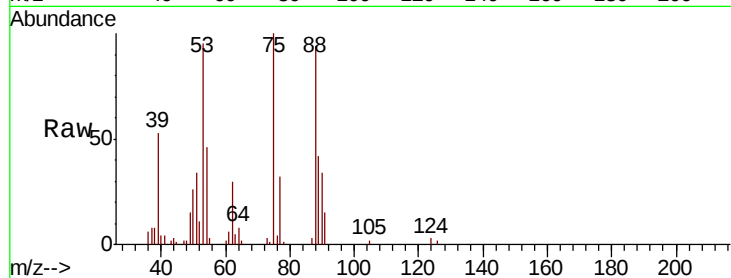
Tot Ion: 75 Resp: 25284

Ion Ratio Lower Upper

75 100

53 93.0 72.3 108.5

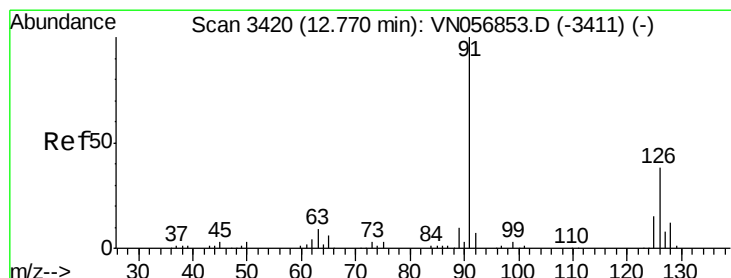
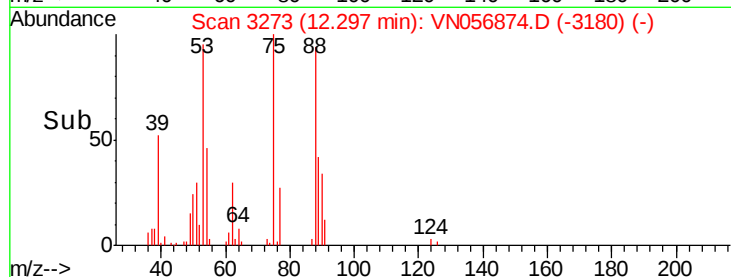
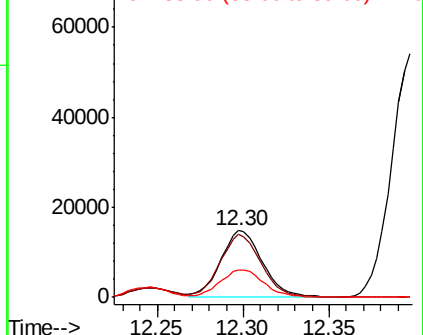
89 43.1 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.646 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056874.D

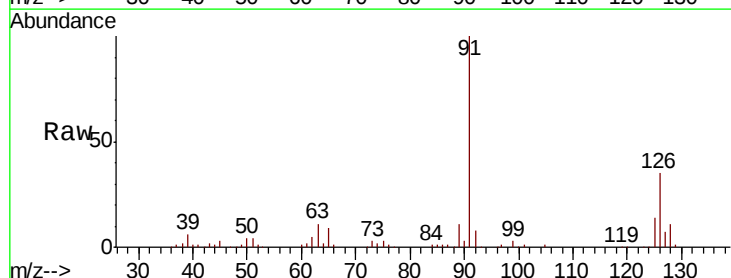
Acq: 23 Jul 2019 13:23

Tgt Ion: 91 Resp: 204647

Ion Ratio Lower Upper

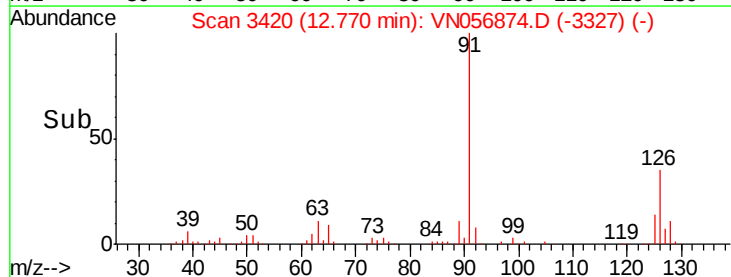
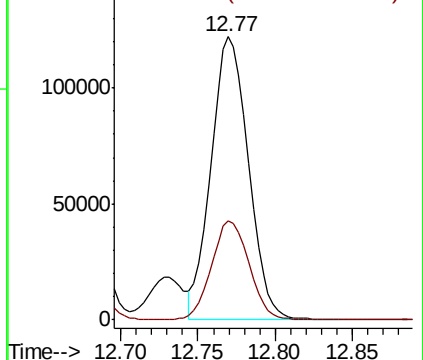
91 100

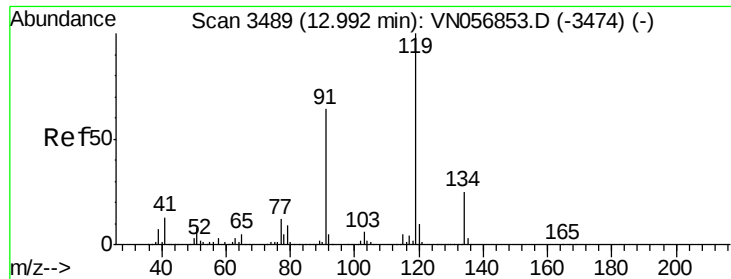
126 35.5 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

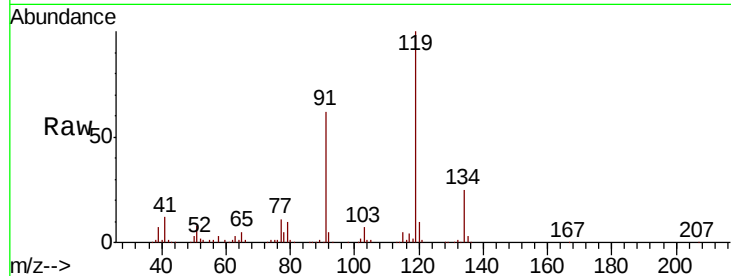




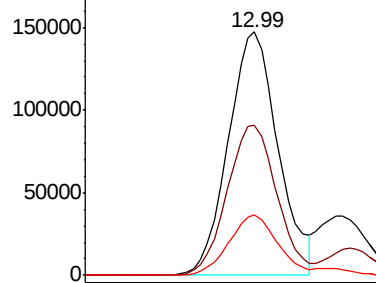
#83
 tert-Butylbenzene
 Concen: 22.130 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

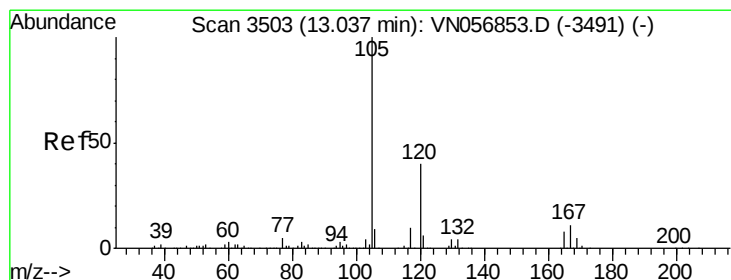
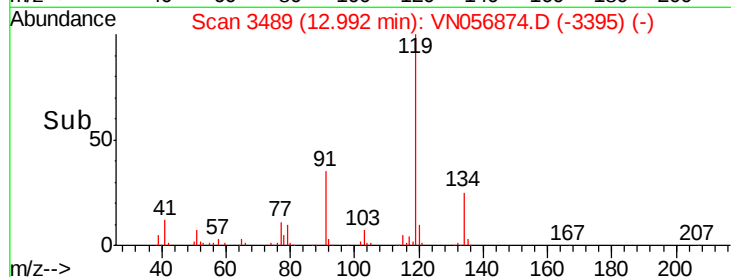
Tot Ion:119 Resp: 241988
 Ion Ratio Lower Upper
 119 100
 91 62.0 31.5 94.5
 134 24.5 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V
 200000 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

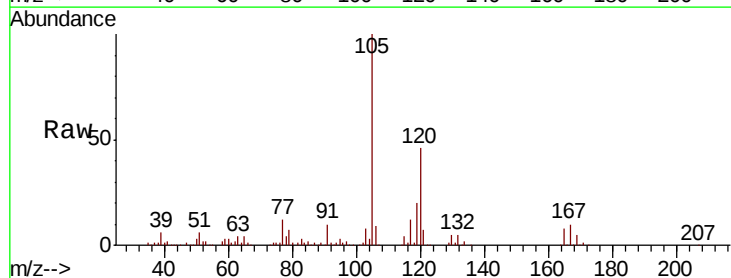


Time-->

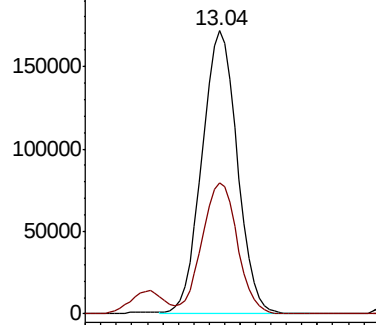


#84
 1,2,4-Trimethylbenzene
 Concen: 21.580 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

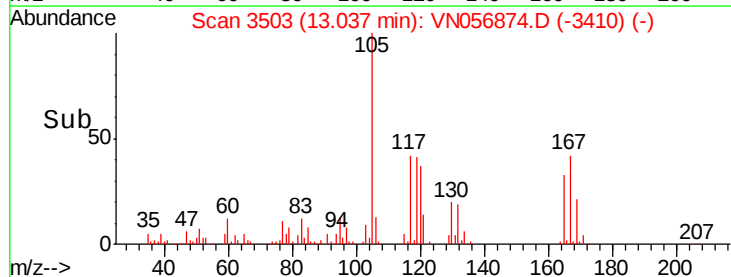
Tgt Ion:105 Resp: 270985
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.5

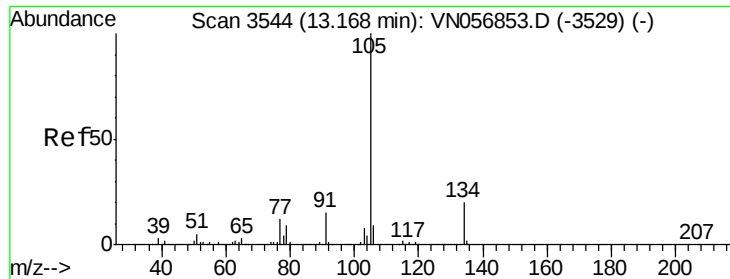


Abundance Ion 105.00 (104.70 to 105.70): V
 200000 Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 21.009 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampled :

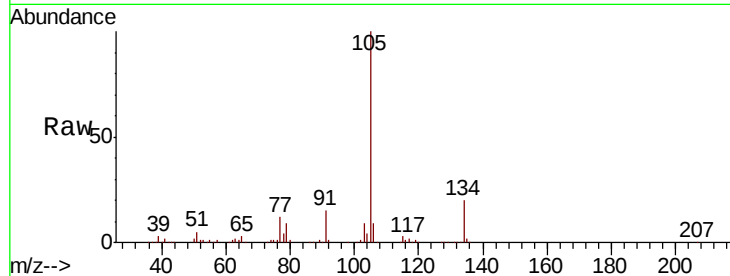
VN0723WBSD01

Tot Ion:105 Resp: 310028

Ion Ratio Lower Upper

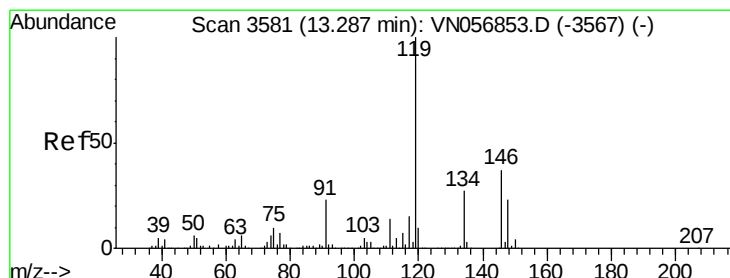
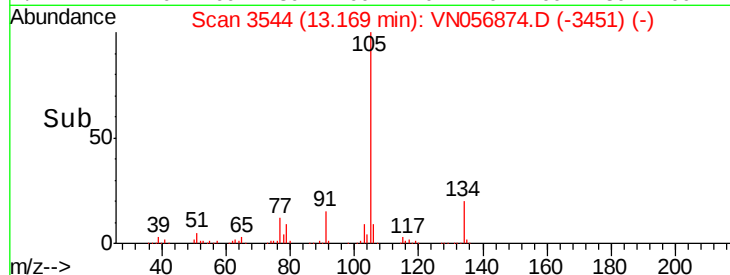
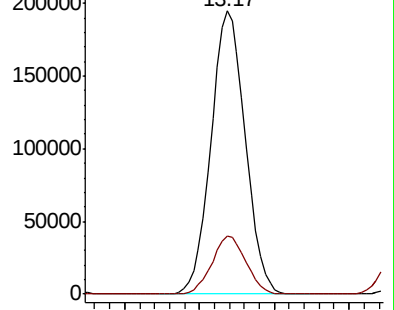
105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.974 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

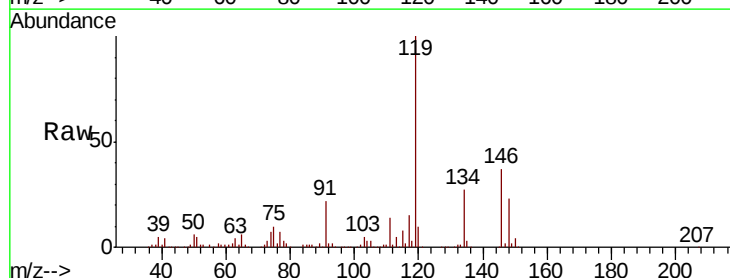
Tgt Ion:119 Resp: 275730

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

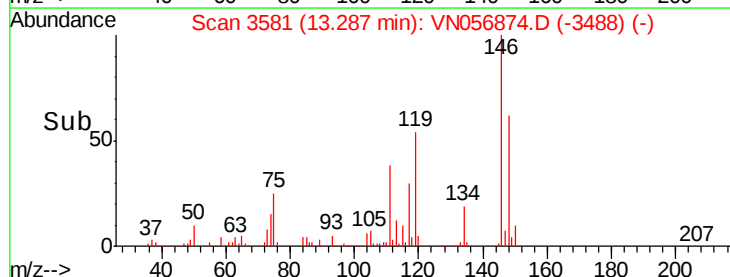
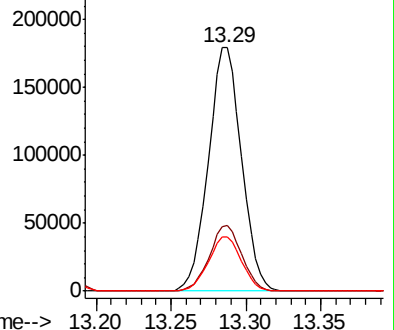
91 22.5 11.3 33.8

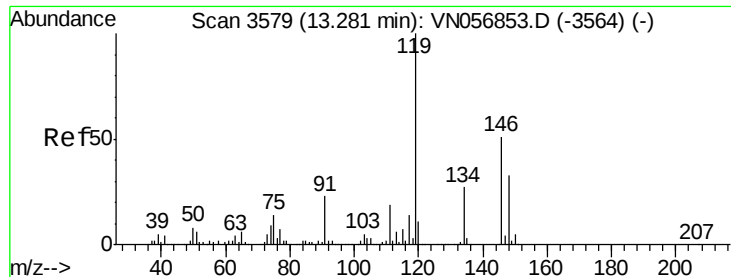


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

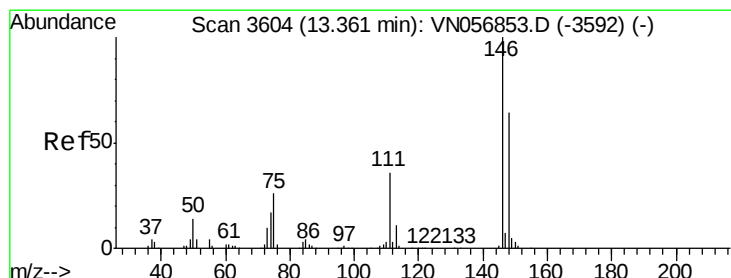
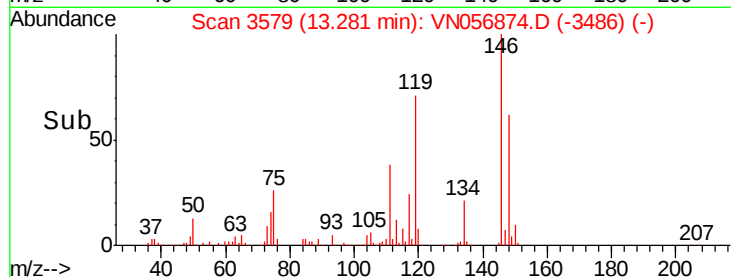
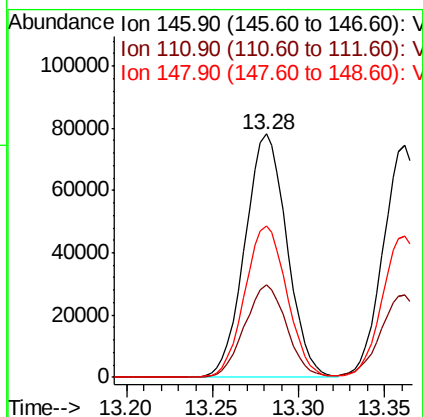
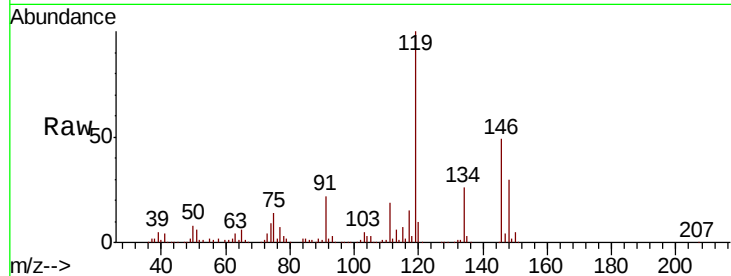




#87
 1,3-Dichlorobenzene
 Concen: 20.879 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

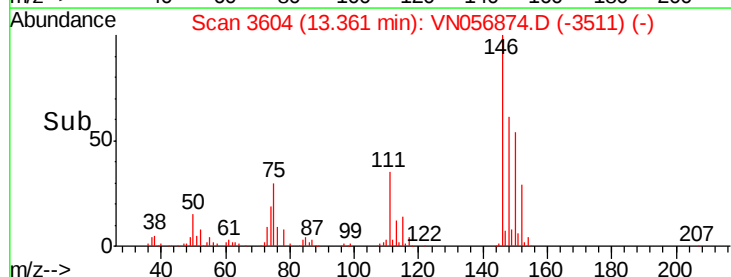
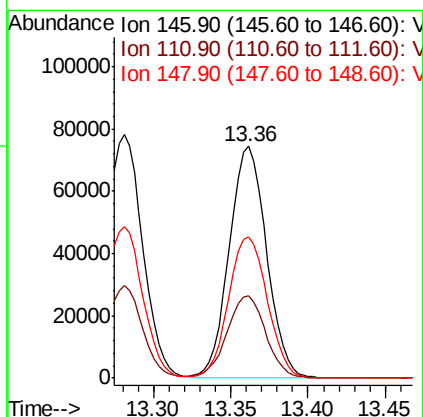
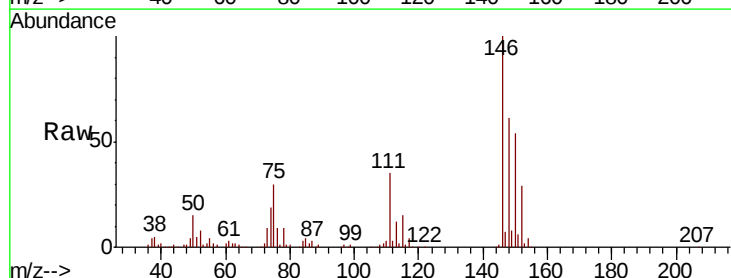
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

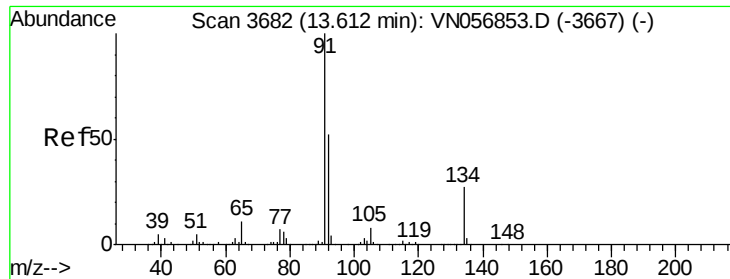
Tot Ion:146 Resp: 132324
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.5
 148 62.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.276 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion:146 Resp: 124840
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.3 54.9
 148 63.2 32.1 96.3

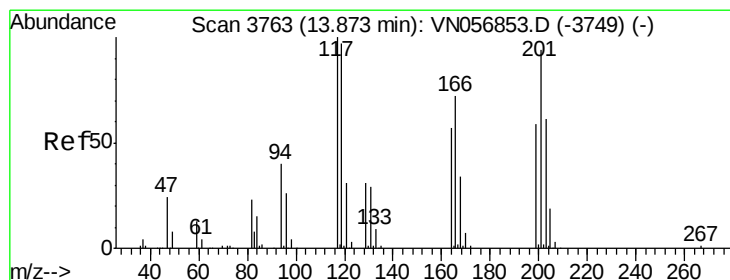
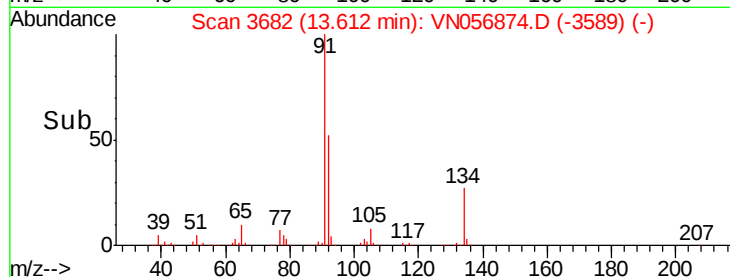
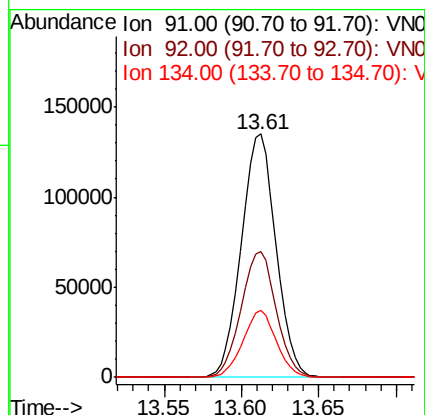
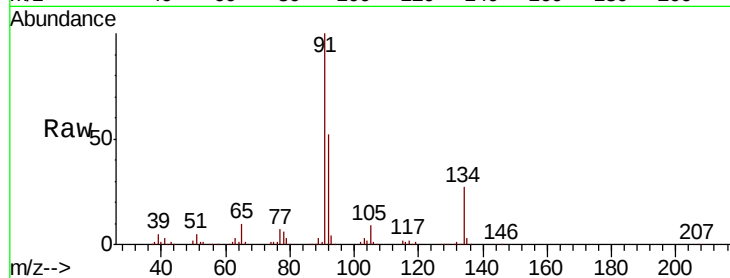




#89
n-Butylbenzene
Concen: 20.829 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

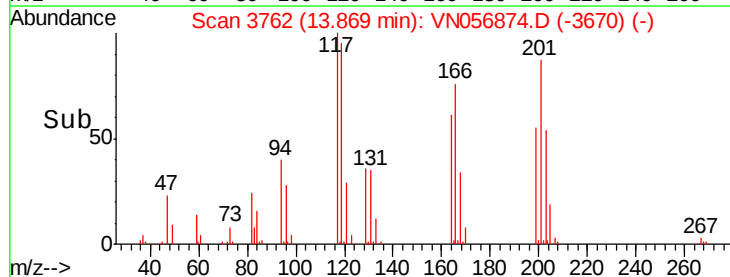
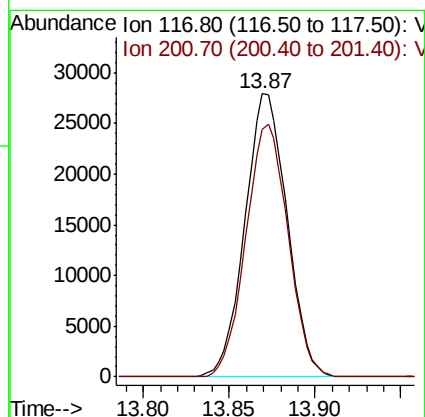
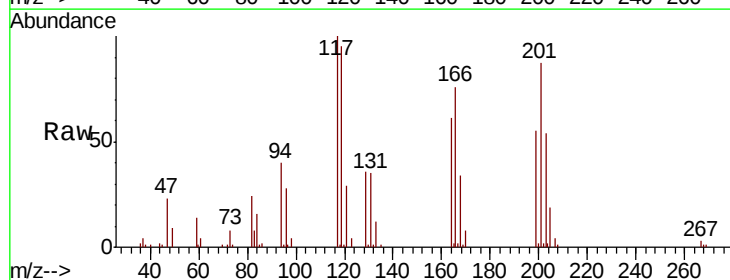
Instrument :
MSVOA_N
ClientSampled :
VN0723WBSD01

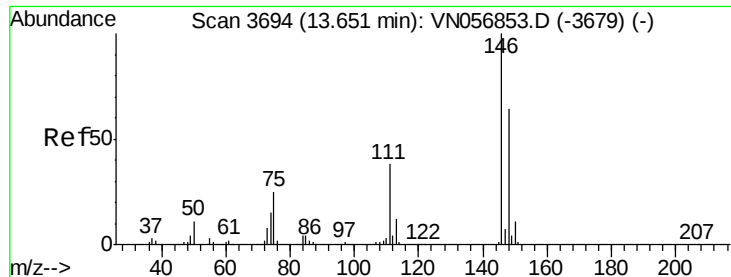
Tot Ion: 91 Resp: 210532
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 26.6 13.3 39.9



#90
Hexachloroethane
Concen: 20.721 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056874.D
Acq: 23 Jul 2019 13:23

Tgt Ion: 117 Resp: 47558
Ion Ratio Lower Upper
117 100
201 89.1 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 21.232 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

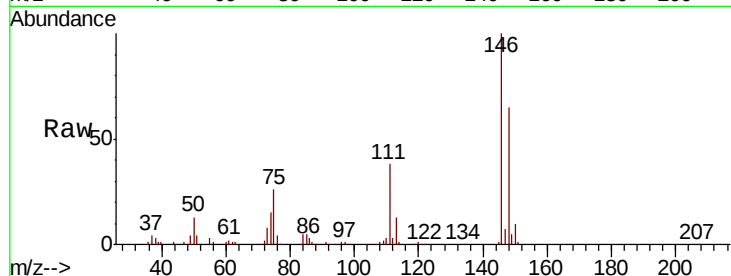
Tot Ion:146 Resp: 135250

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

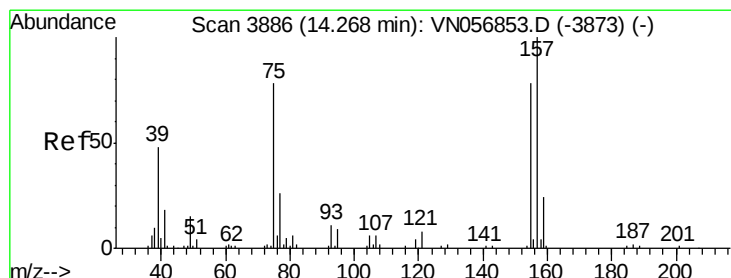
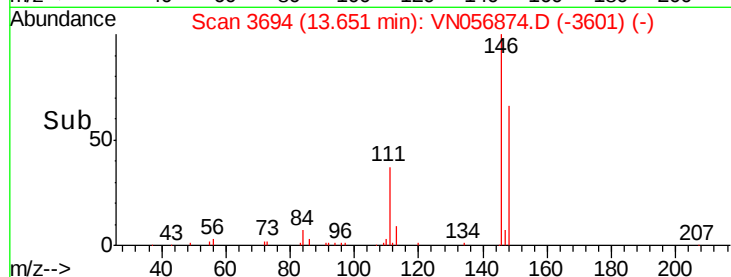
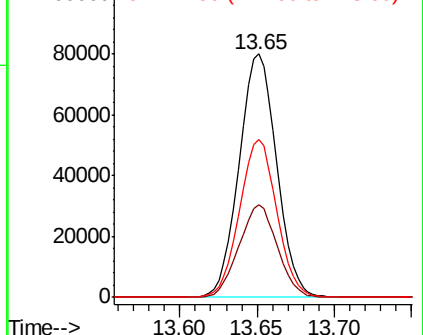
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.379 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

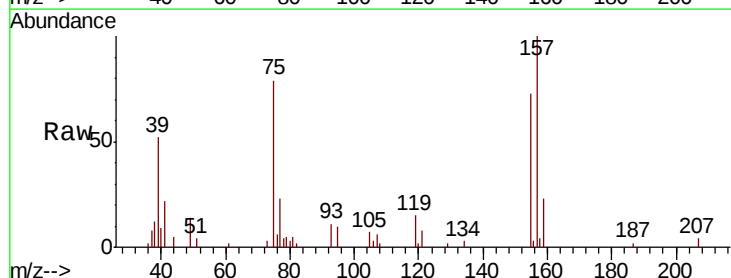
Tgt Ion: 75 Resp: 14134

Ion Ratio Lower Upper

75 100

155 95.3 49.9 149.6

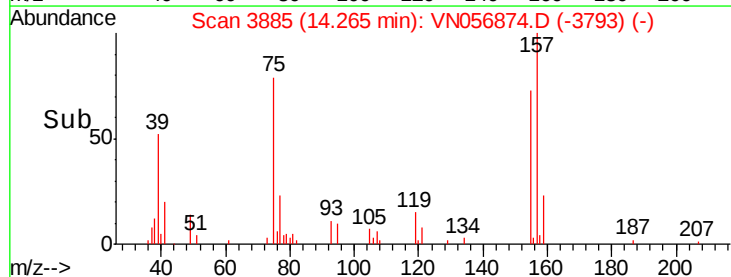
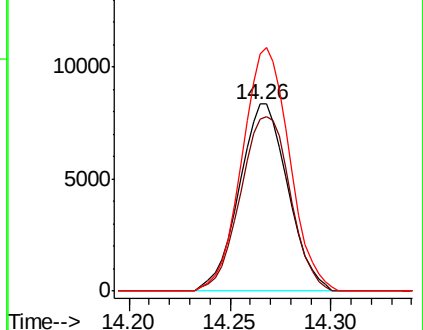
157 126.4 64.8 194.4

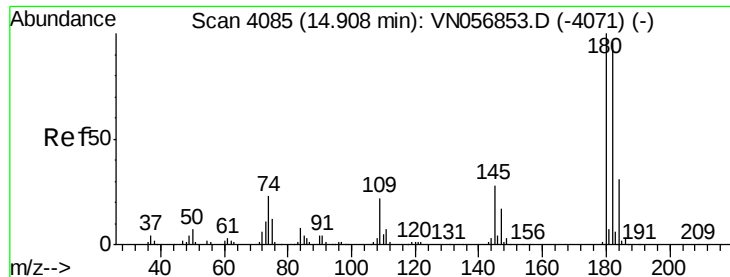


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

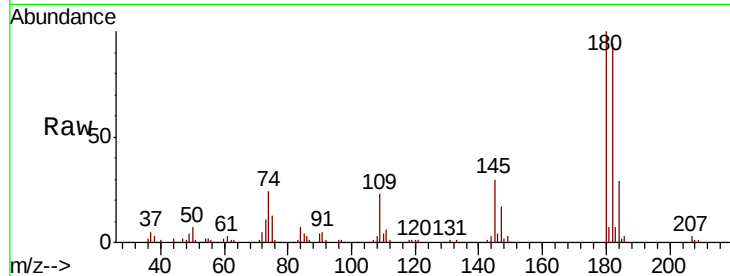




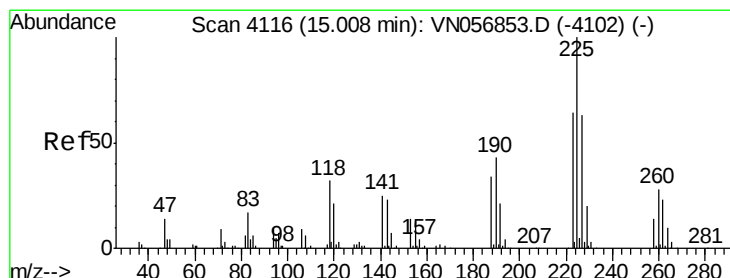
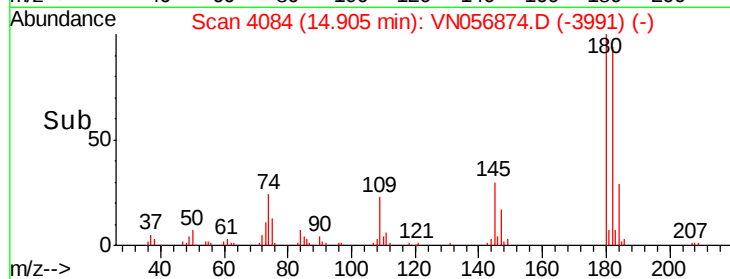
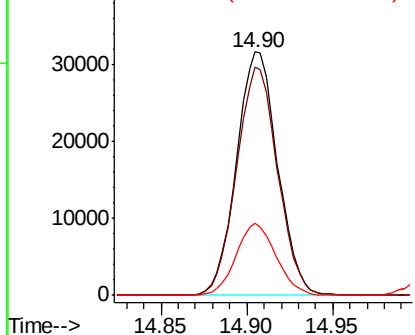
#93
 1,2,4-Trichlorobenzene
 Concen: 18.242 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Tot Ion:180 Resp: 52668
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.9 143.7
 145 28.9 14.1 42.3

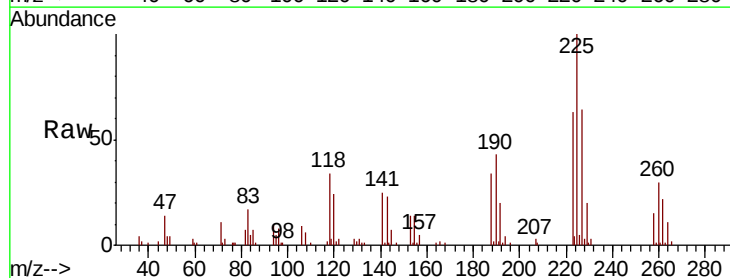


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

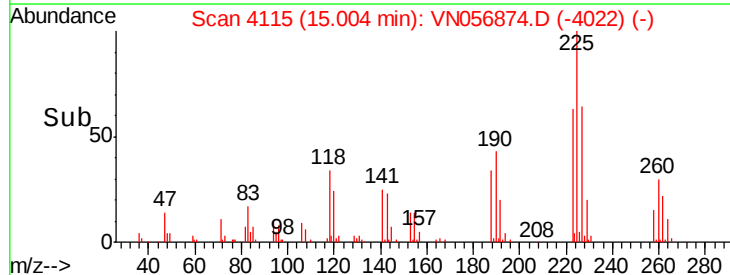
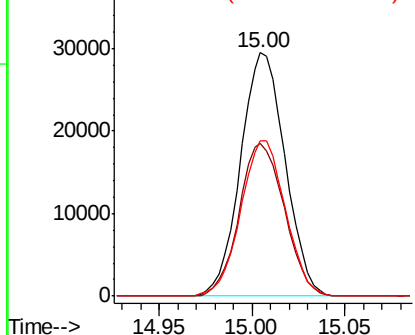


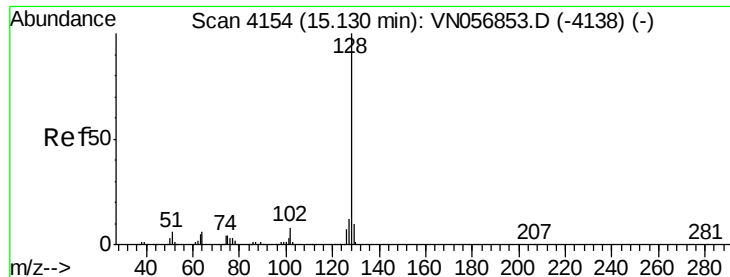
#94
 Hexachlorobutadiene
 Concen: 21.773 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN056874.D
 Acq: 23 Jul 2019 13:23

Tgt Ion:225 Resp: 49381
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.5
 227 64.2 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.126 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

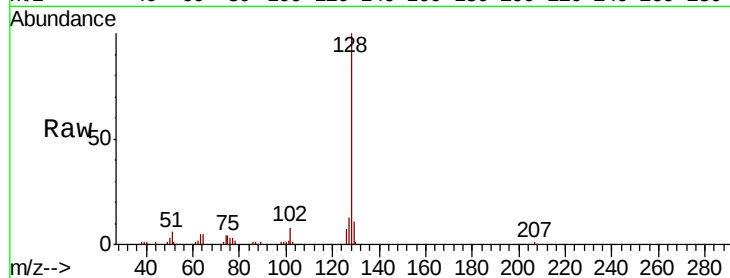
Tot Ion:128 Resp: 137904

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

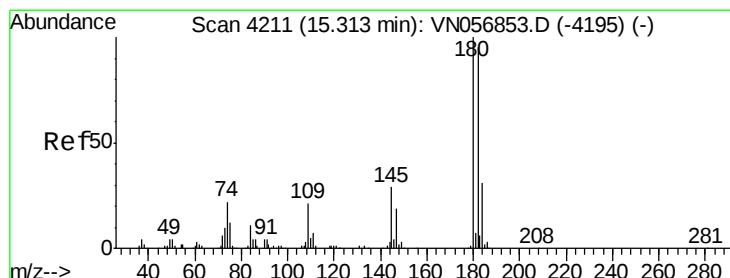
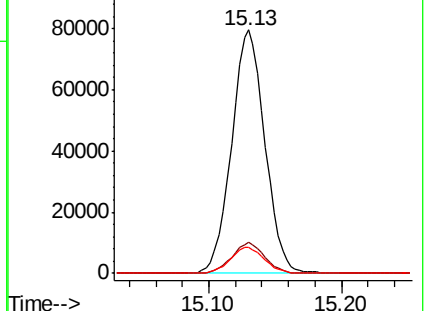
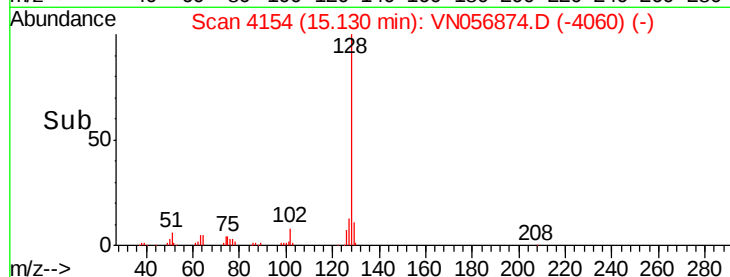
129 11.0 8.5 12.7



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



#96

1,2,3-Trichlorobenzene

Concen: 18.953 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056874.D

Acq: 23 Jul 2019 13:23

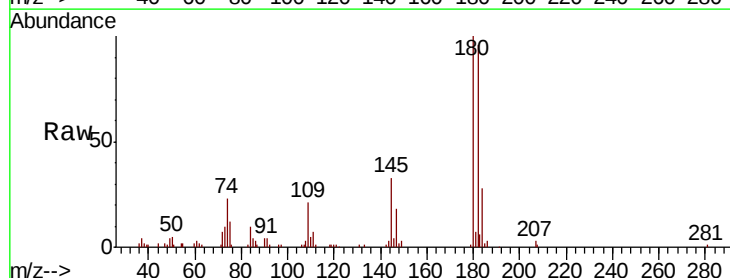
Tgt Ion:180 Resp: 60621

Ion Ratio Lower Upper

180 100

182 94.1 48.1 144.3

145 31.0 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

