

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054870.D
 Acq On : 1 Apr 2019 13:18
 Operator : JC/SP
 Sample : VN0401WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

Quant Time: Apr 02 04:21:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	389497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	641666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239050	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	266774	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
35) Dibromofluoromethane	7.59	113	208099	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	10.09	98	769682	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	254575	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	73061	18.544	ug/l	97
3) Chloromethane	2.06	50	105866	19.434	ug/l	98
4) Vinyl Chloride	2.19	62	93942	19.203	ug/l	99
5) Bromomethane	2.58	94	53306	19.409	ug/l	97
6) Chloroethane	2.71	64	53160	19.461	ug/l	97
7) Trichlorofluoromethane	3.02	101	118049	19.628	ug/l	99
8) Diethyl Ether	3.41	74	39673	20.486	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.75	101	60421	19.084	ug/l #	94
10) Methyl Iodide	3.95	142	77445	17.868	ug/l #	91
11) Tert butyl alcohol	4.82	59	30334	110.885	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	61872	20.208	ug/l #	77
13) Acrolein	3.61	56	34537	141.221	ug/l	99
14) Allyl chloride	4.32	41	144448	19.154	ug/l #	90
15) Acrylonitrile	5.00	53	165802	109.041	ug/l	99
16) Acetone	3.82	43	141997	113.410	ug/l #	80
17) Carbon Disulfide	4.04	76	171380	17.258	ug/l	99
18) Methyl Acetate	4.33	43	76546	22.975	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	223798	20.897	ug/l	96
20) Methylene Chloride	4.55	84	88685	20.080	ug/l #	86
21) trans-1,2-Dichloroethene	5.04	96	77591	19.294	ug/l	84
22) Diisopropyl ether	5.96	45	302142	20.257	ug/l #	94
23) Vinyl Acetate	5.90	43	1079779	104.028	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	160796	20.209	ug/l	97
25) 2-Butanone	6.85	43	211477	114.263	ug/l	90
26) 2,2-Dichloropropane	6.82	77	105731	18.960	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	90656	19.955	ug/l	88
28) Bromochloromethane	7.20	49	79560	19.997	ug/l #	70
29) Tetrahydrofuran	7.22	42	138531	107.767	ug/l #	85
30) Chloroform	7.37	83	155113	20.445	ug/l	99
31) Cyclohexane	7.65	56	150089	19.443	ug/l	88
32) 1,1,1-Trichloroethane	7.57	97	125400	19.945	ug/l	95
36) 1,1-Dichloropropene	7.79	75	110060	18.407	ug/l	96
37) Ethyl Acetate	6.94	43	91997	20.982	ug/l #	93
38) Carbon Tetrachloride	7.77	117	107112	18.444	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	121335	18.459	ug/l	90
40) Benzene	8.04	78	342017	19.991	ug/l	97
41) Methacrylonitrile	7.18	41	51130	20.759	ug/l	89
42) 1,2-Dichloroethane	8.12	62	125741	20.584	ug/l	98
43) Isopropyl Acetate	8.17	43	153032	21.480	ug/l #	92
44) Trichloroethene	8.83	130	87451	19.691	ug/l	92
45) 1,2-Dichloropropane	9.12	63	97121	19.909	ug/l	98
46) Dibromomethane	9.21	93	55579	20.253	ug/l	89
47) Bromodichloromethane	9.40	83	113220	19.852	ug/l	99
48) Methyl methacrylate	9.20	41	74961	19.410	ug/l	90
49) 1,4-Dioxane	9.21	88	17148	447.505	ug/l #	72
51) 4-Methyl-2-Pentanone	9.99	43	440079	109.869	ug/l	92
52) Toluene	10.16	92	203485	19.988	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	99760	18.595	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	126055	19.669	ug/l #	91
55) 1,1,2-Trichloroethane	10.56	97	77138	20.378	ug/l	97
56) Ethyl methacrylate	10.43	69	96336	19.401	ug/l #	81
57) 1,3-Dichloropropane	10.71	76	135460	20.815	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	191046	95.971	ug/l #	88
59) 2-Hexanone	10.75	43	275185	107.319	ug/l	91
60) Dibromochloromethane	10.90	129	76070	19.838	ug/l	100
61) 1,2-Dibromoethane	11.01	107	73357	20.278	ug/l	100
64) Tetrachloroethene	10.63	164	84886	19.646	ug/l	97
65) Chlorobenzene	11.43	112	211892	19.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	78574	19.042	ug/l	98
67) Ethyl Benzene	11.51	91	380298	19.116	ug/l	98
68) m/p-Xylenes	11.62	106	282230	38.336	ug/l	93
69) o-Xylene	11.95	106	139476	19.320	ug/l	97
70) Styrene	11.96	104	225490	19.535	ug/l	96
71) Bromoform	12.13	173	46295	19.151	ug/l #	97
73) Isopropylbenzene	12.25	105	364116	18.635	ug/l	99
74) N-amyl acetate	12.07	43	116782	19.185	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	95778	21.252	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	111283	26.797	ug/l #	100
77) Bromobenzene	12.53	156	91388	19.380	ug/l	86
78) n-propylbenzene	12.59	91	403710	18.799	ug/l	96
79) 2-Chlorotoluene	12.67	91	248434	18.699	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	306599	19.124	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	17318	16.221	ug/l #	73
82) 4-Chlorotoluene	12.77	91	238209	18.459	ug/l	95
83) tert-Butylbenzene	12.99	119	258411	19.531	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	295306	19.334	ug/l	98
85) sec-Butylbenzene	13.17	105	332473	19.090	ug/l	98
86) p-Isopropyltoluene	13.29	119	290744	18.928	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	149202	18.898	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	138655	17.906	ug/l	96
89) n-Butylbenzene	13.62	91	219961	17.551	ug/l	98
90) Hexachloroethane	13.87	117	45926	17.609	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	150258	18.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13524	20.247	ug/l	83

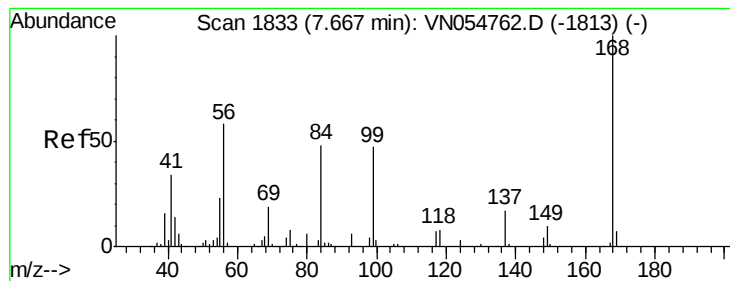
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
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QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	62564	16.287	ug/l	98
94) Hexachlorobutadiene	15.01	225	48399	20.013	ug/l	98
95) Naphthalene	15.13	128	146606	17.016	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	69917	18.022	ug/l	99

(#) = 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: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

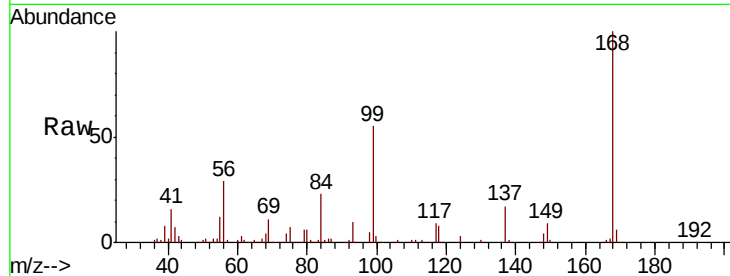
VN0401WBS01

Tot Ion:168 Resp: 389497

Ion Ratio Lower Upper

168 100

99 54.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054870.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054870.D (-1740) (-)

7.66

150000

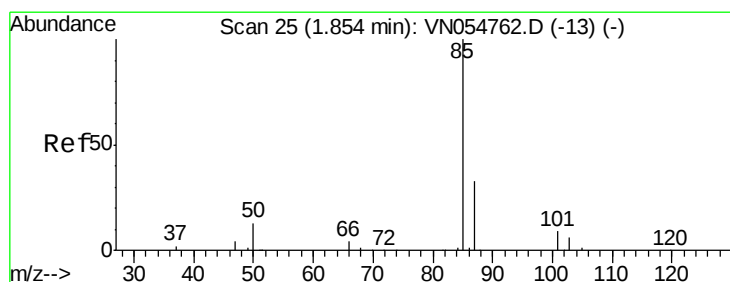
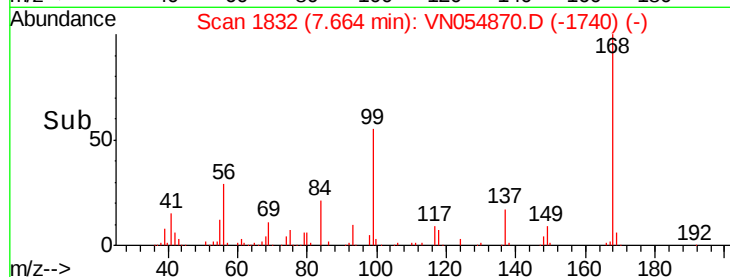
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.544 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054870.D

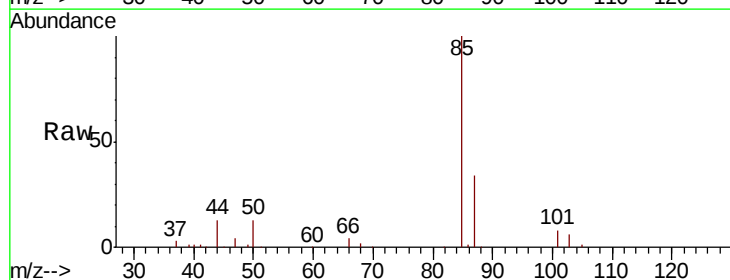
Acq: 1 Apr 2019 13:18

Tgt Ion: 85 Resp: 73061

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN054870.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN054870.D (-1) (-)

1.85

60000

50000

40000

30000

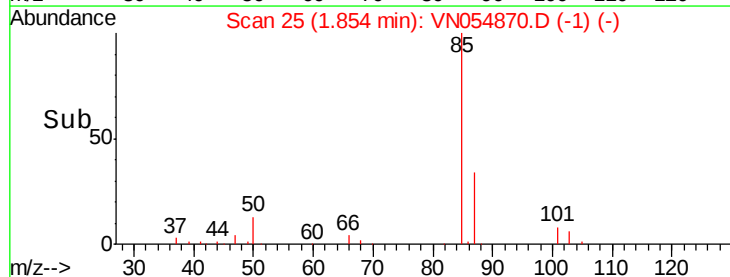
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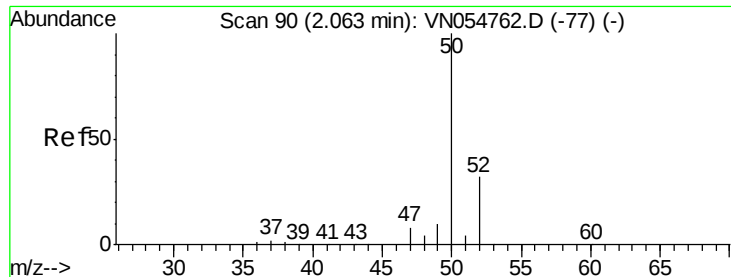
10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.434 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

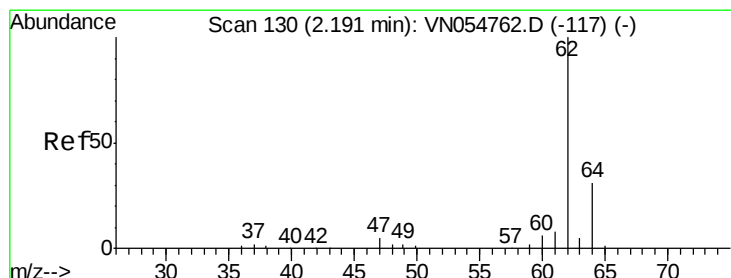
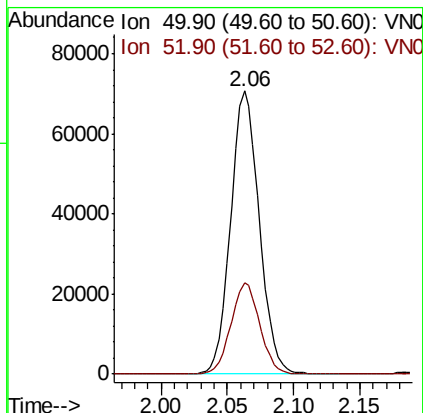
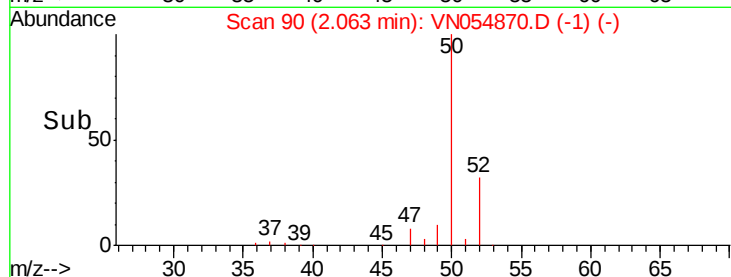
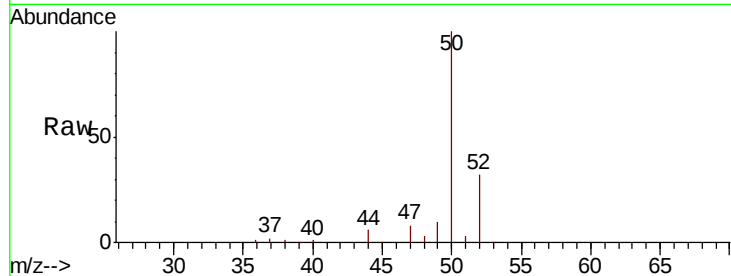
VN0401WBS01

Tot Ion: 50 Resp: 105866

Ion Ratio Lower Upper

50 100

52 32.1 26.4 39.6



#4

Vinyl Chloride

Concen: 19.203 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN054870.D

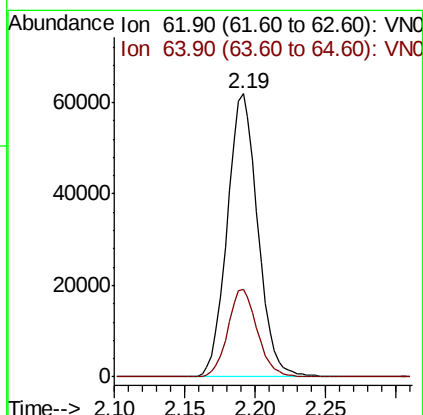
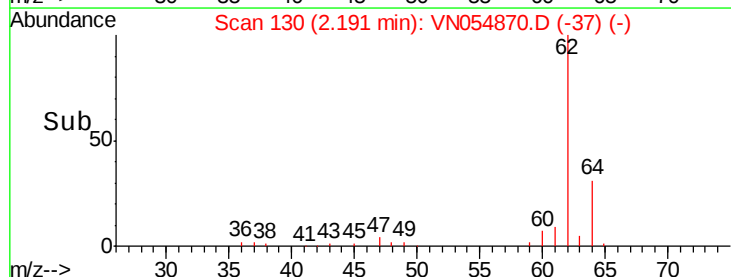
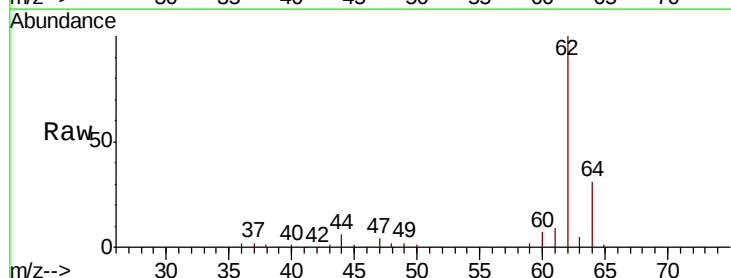
Acq: 1 Apr 2019 13:18

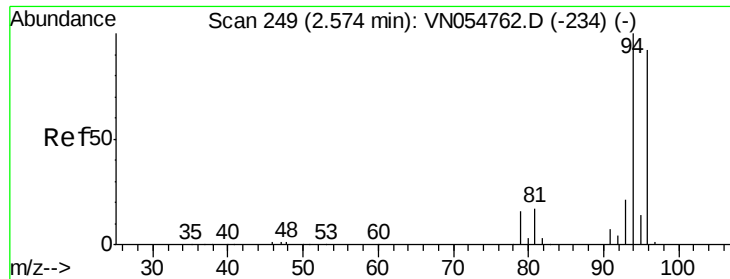
Tgt Ion: 62 Resp: 93942

Ion Ratio Lower Upper

62 100

64 31.1 25.5 38.3





#5

Bromomethane

Concen: 19.409 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

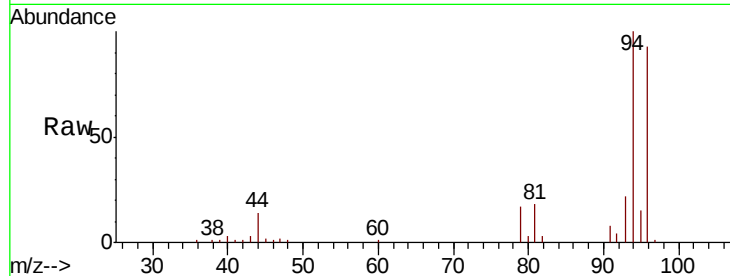
VN0401WBS01

Tot Ion: 94 Resp: 53306

Ion Ratio Lower Upper

94 100

96 93.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.58

30000

25000

20000

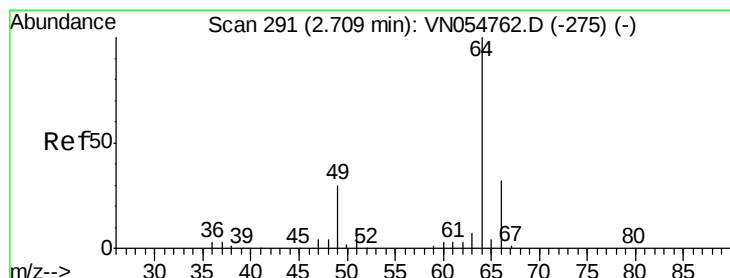
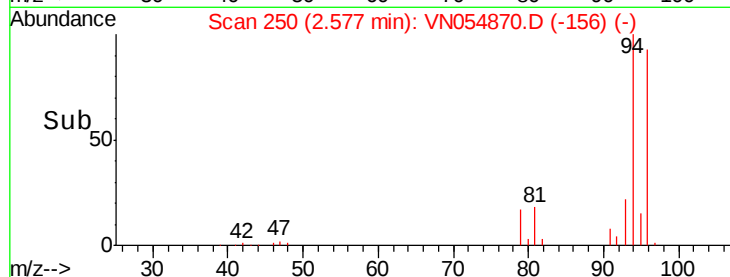
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.461 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054870.D

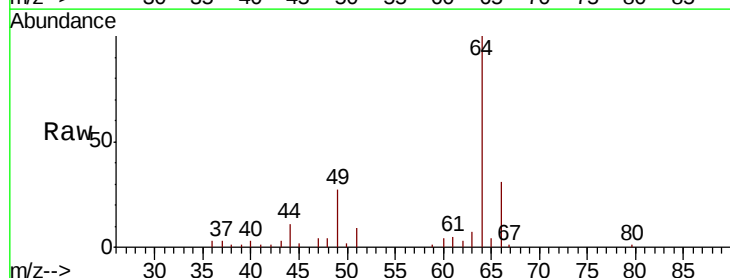
Acq: 1 Apr 2019 13:18

Tgt Ion: 64 Resp: 53160

Ion Ratio Lower Upper

64 100

66 30.6 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

30000

25000

20000

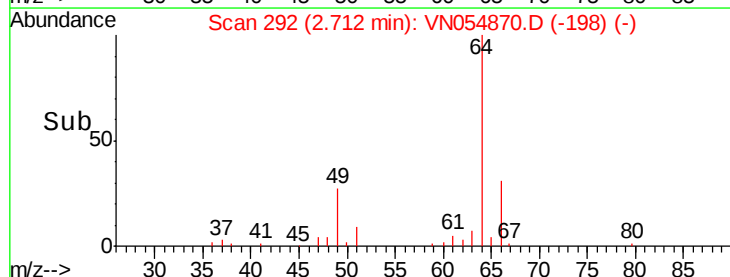
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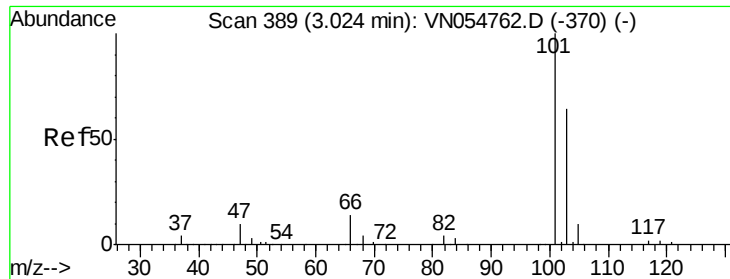
10000

5000

0

Time-->



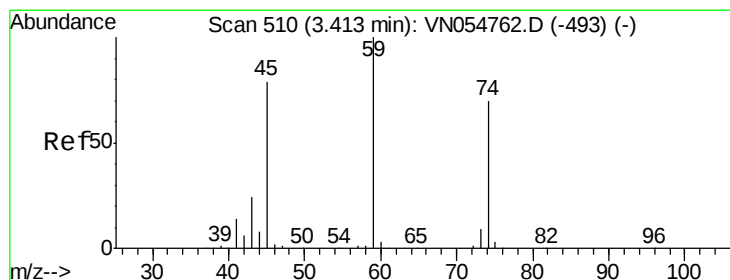
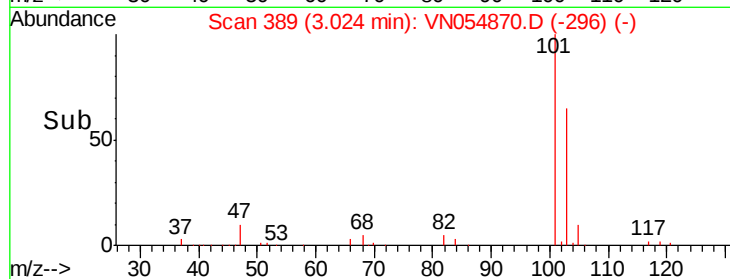
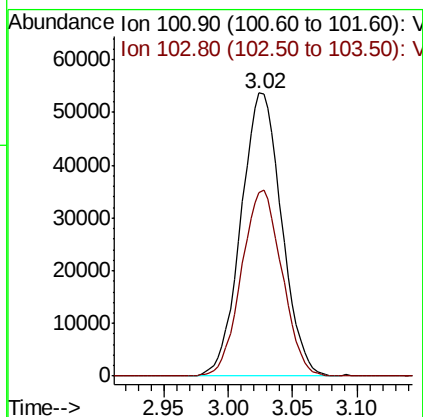
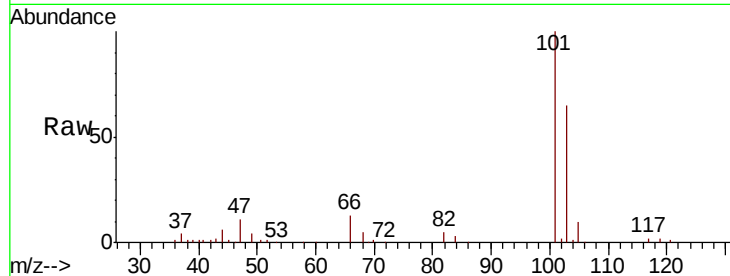


#7

Trichlorofluoromethane
 Concen: 19.628 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

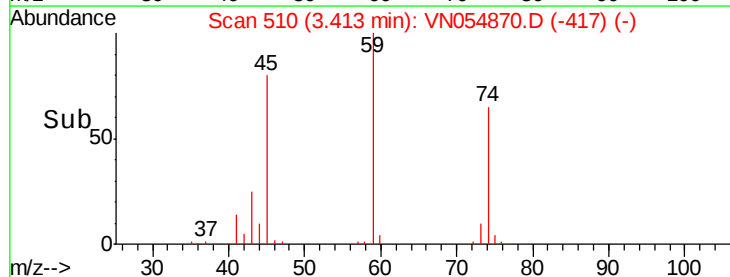
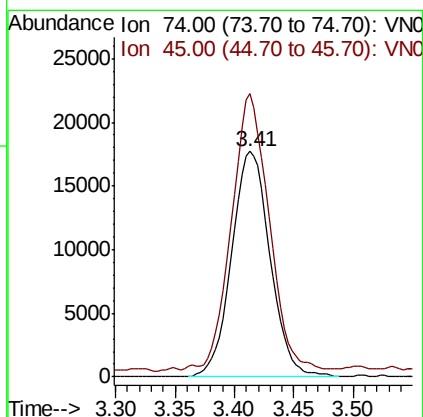
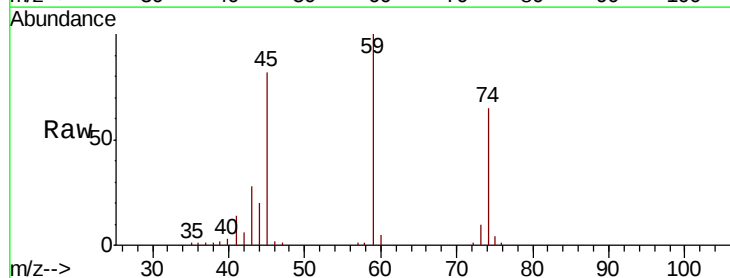
Tot Ion:101 Resp: 118049
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2

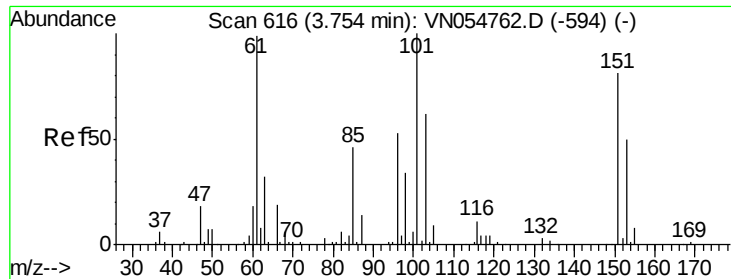


#8

Diethyl Ether
 Concen: 20.486 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion: 74 Resp: 39673
 Ion Ratio Lower Upper
 74 100
 45 117.7 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.084 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampled :

VN0401WBS01

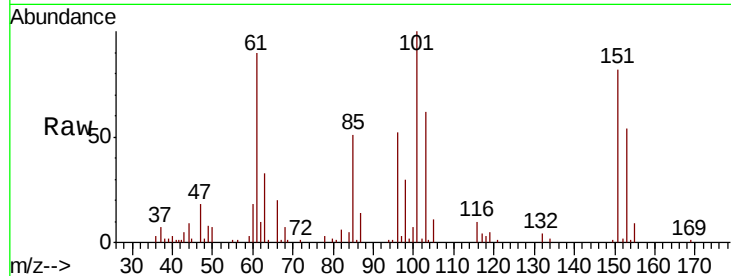
Tot Ion:101 Resp: 60421

Ion Ratio Lower Upper

101 100

85 49.0 32.4 48.6#

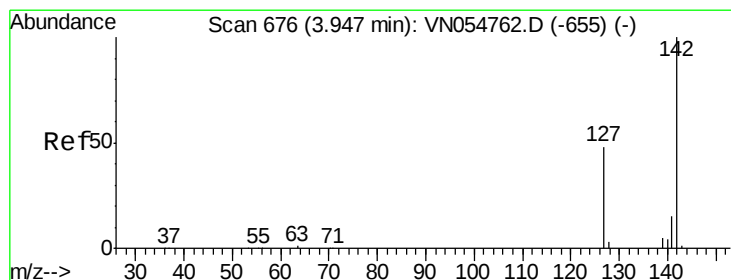
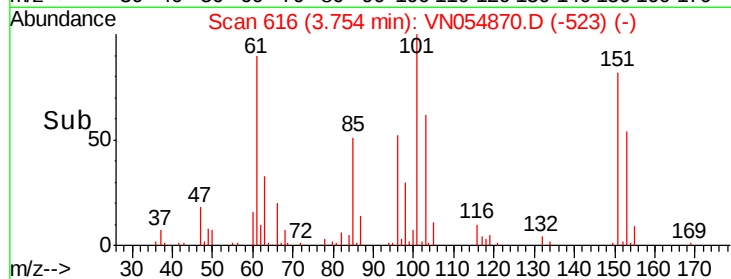
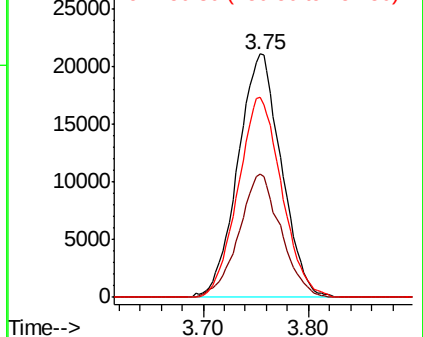
151 82.4 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.868 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

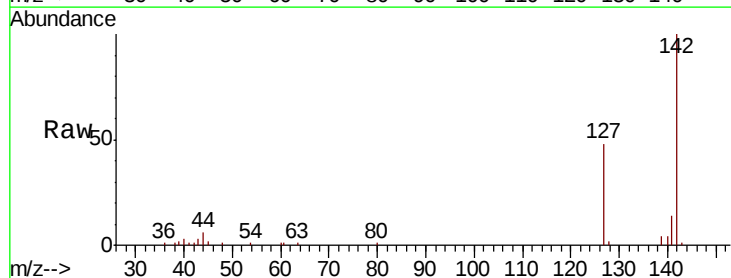
Tgt Ion:142 Resp: 77445

Ion Ratio Lower Upper

142 100

127 45.6 30.3 45.5#

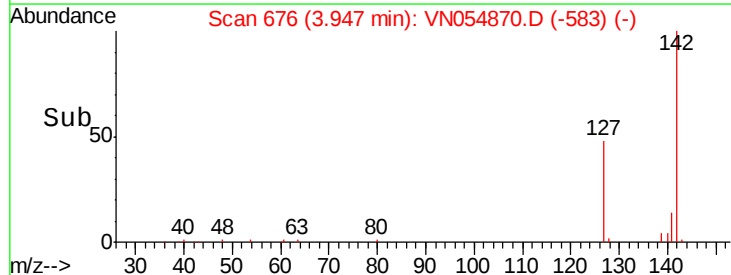
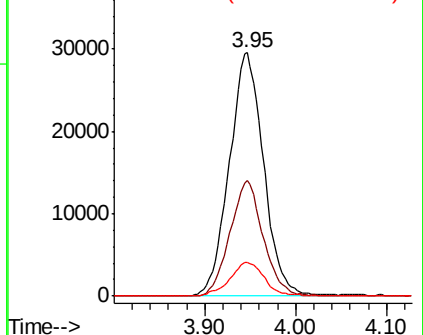
141 13.9 11.2 16.8

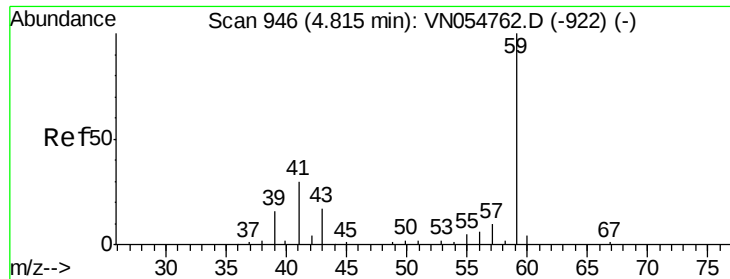


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



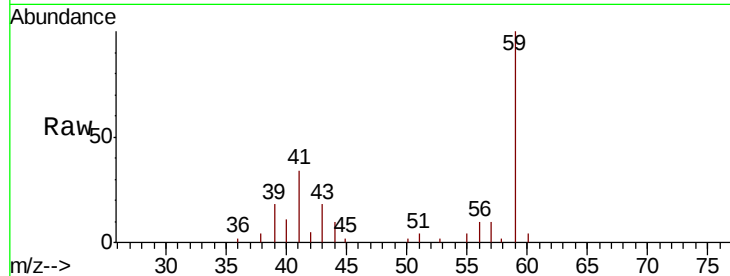


#11

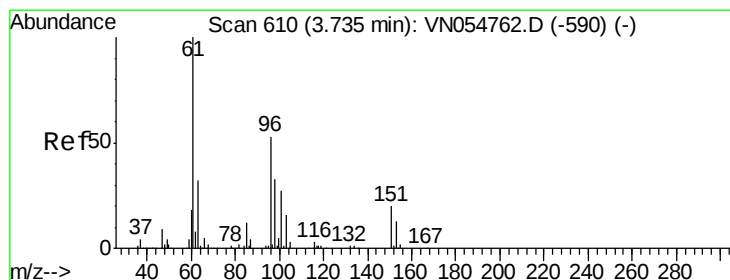
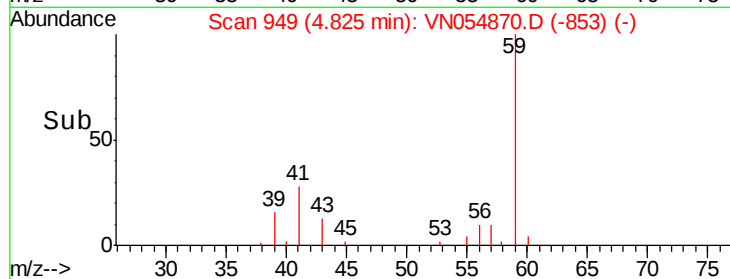
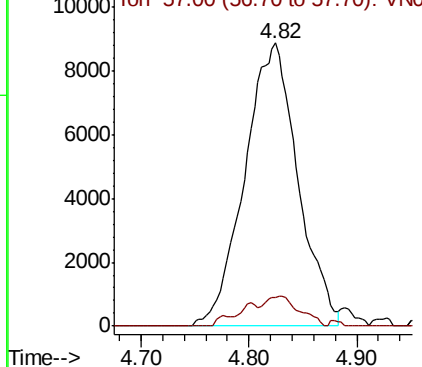
Tert butyl alcohol
Concen: 110.885 ug/l
RT: 4.82 min Scan# 949
Delta R.T. 0.01 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

Tot Ion: 59 Resp: 30334
Ion Ratio Lower Upper
59 100
57 6.6 9.0 13.6#



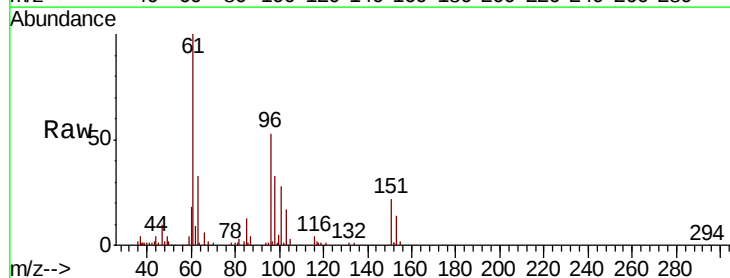
Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0



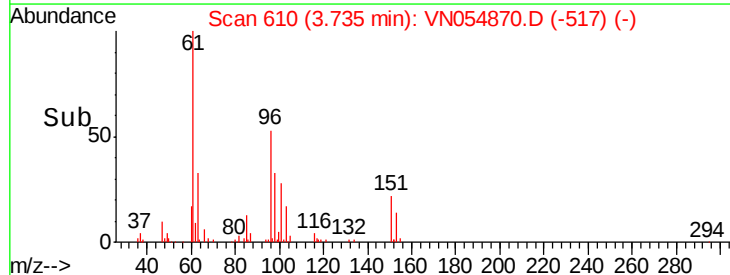
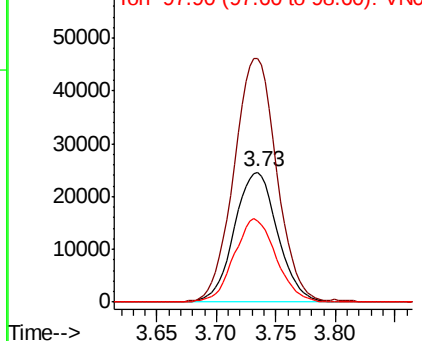
#12

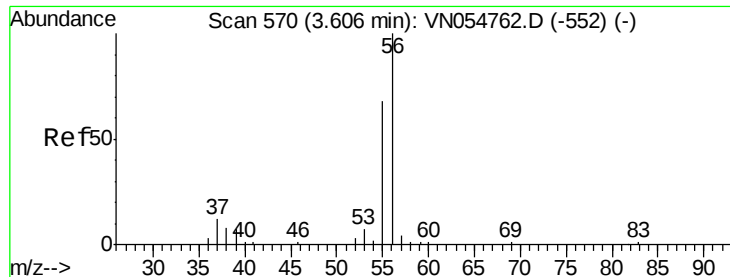
1,1-Dichloroethene
Concen: 20.208 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 96 Resp: 61872
Ion Ratio Lower Upper
96 100
61 186.7 116.5 174.7#
98 62.8 51.0 76.4



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





#13

Acrolein

Concen: 141.221 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

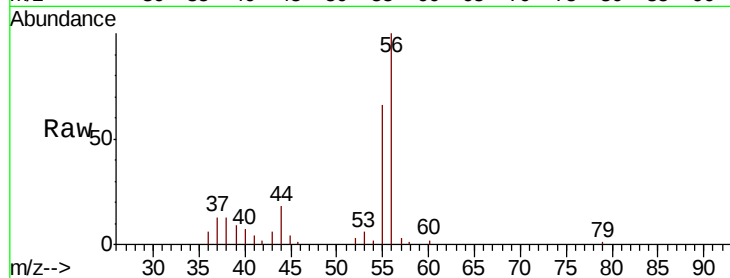
VN0401WBS01

Tot Ion: 56 Resp: 34537

Ion Ratio Lower Upper

56 100

55 69.8 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

15000

10000

5000

0

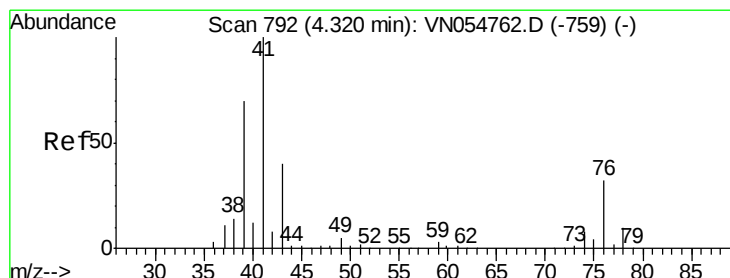
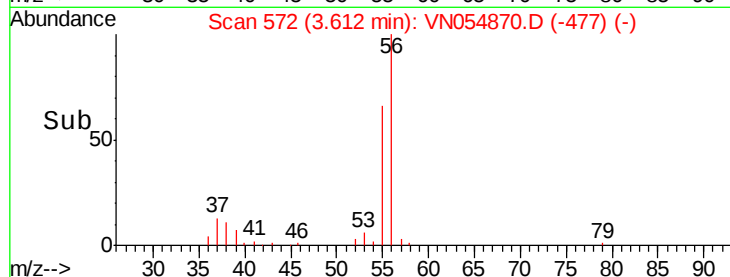
3.61

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 19.154 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

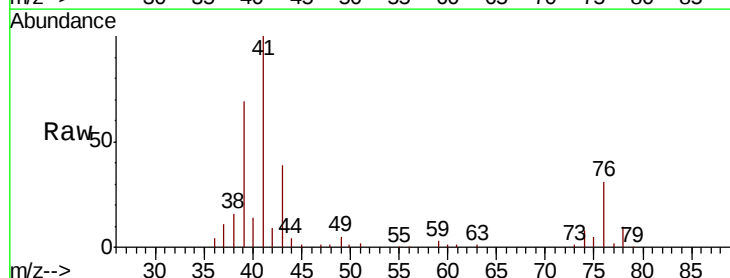
Tgt Ion: 41 Resp: 144448

Ion Ratio Lower Upper

41 100

39 67.3 58.2 87.4

76 29.2 31.7 47.5#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

60000

50000

40000

30000

20000

10000

0

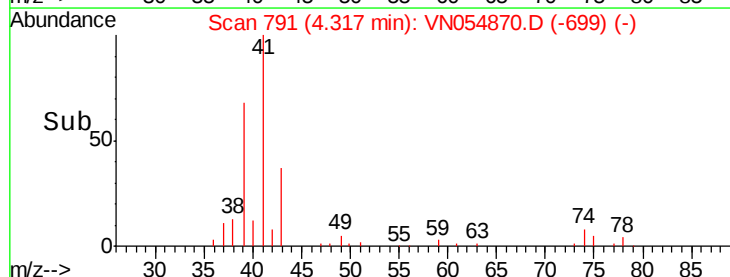
4.32

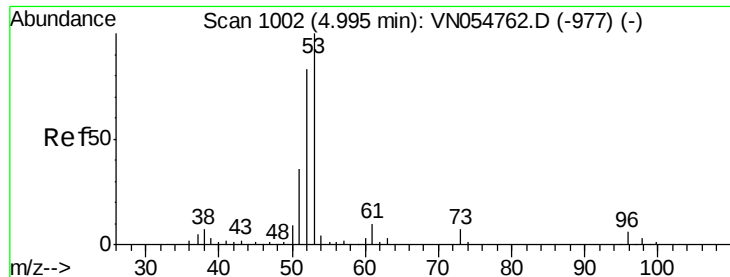
4.20

4.30

4.40

Time-->

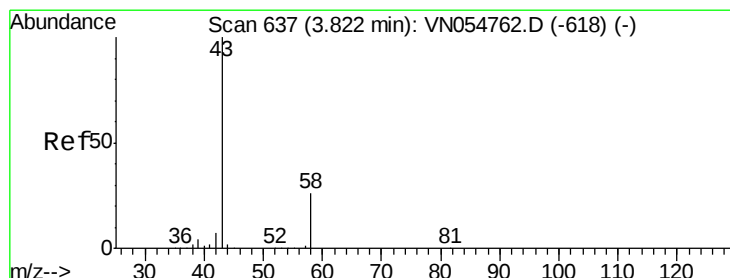
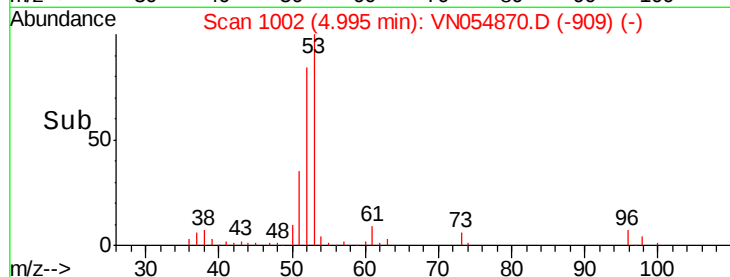
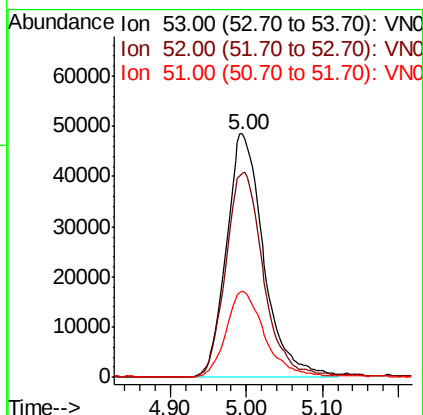
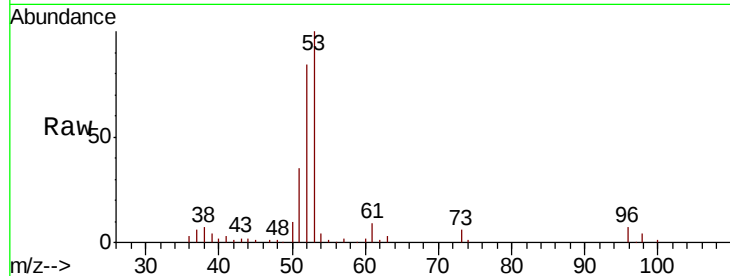




#15
 Acrylonitrile
 Concen: 109.041 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

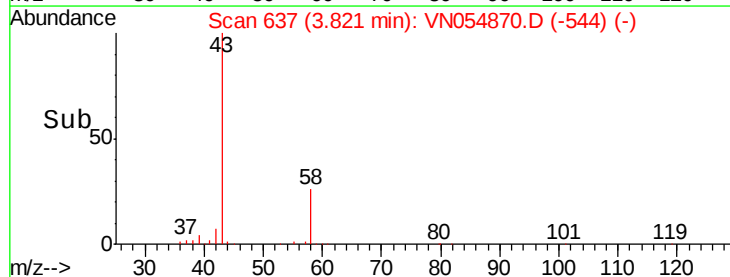
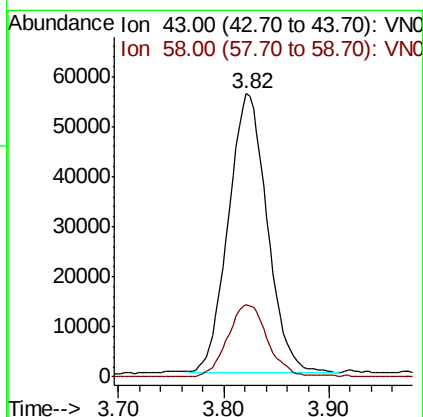
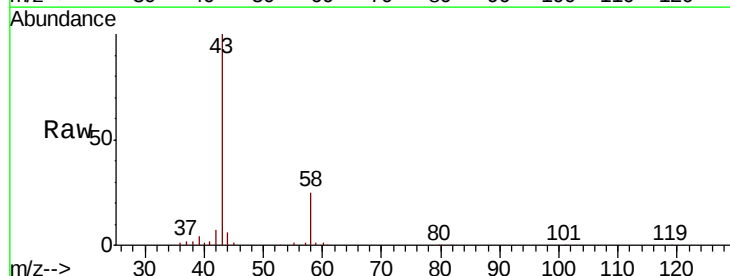
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

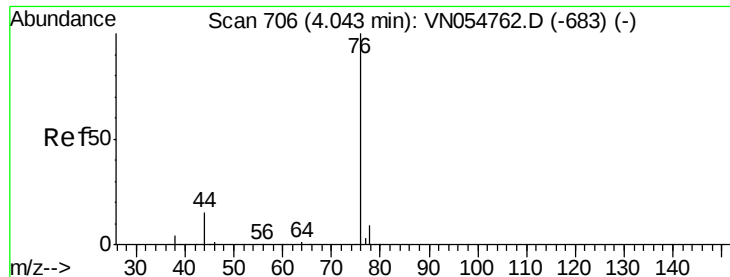
Tot Ion: 53 Resp: 165802
 Ion Ratio Lower Upper
 53 100
 52 84.6 66.4 99.6
 51 36.7 29.6 44.4



#16
 Acetone
 Concen: 113.410 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion: 43 Resp: 141997
 Ion Ratio Lower Upper
 43 100
 58 25.5 29.9 44.9#

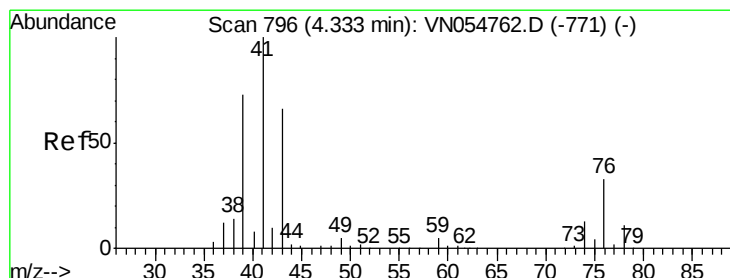
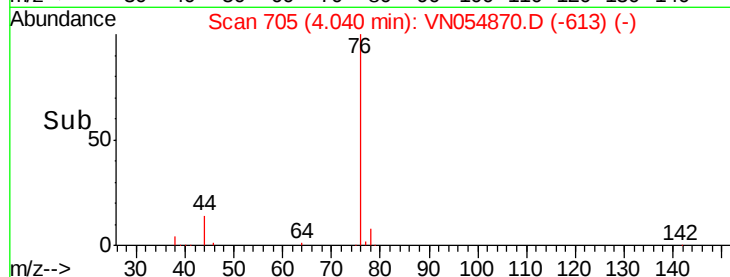
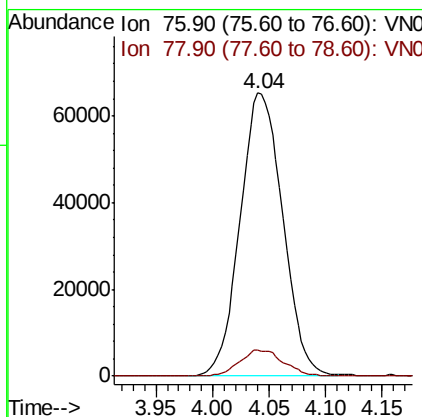
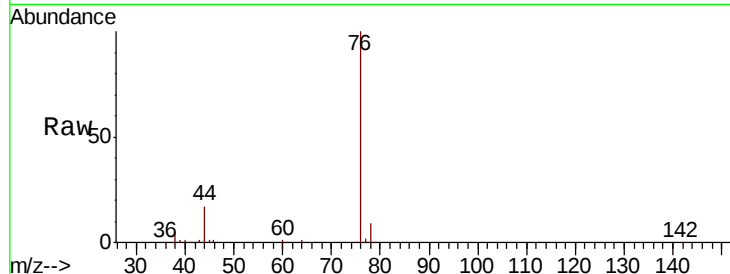




#17
Carbon Disulfide
Concen: 17.258 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

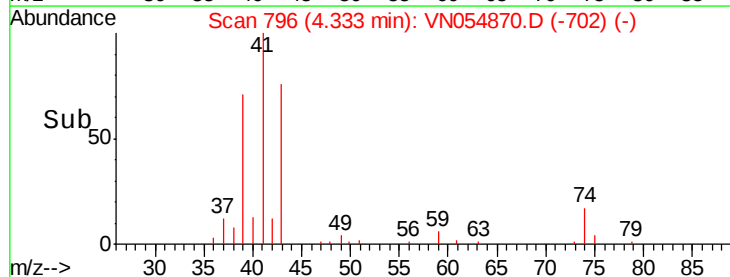
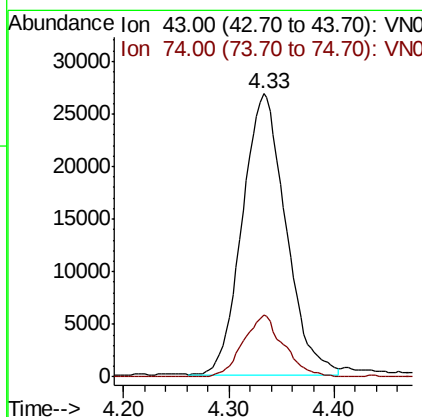
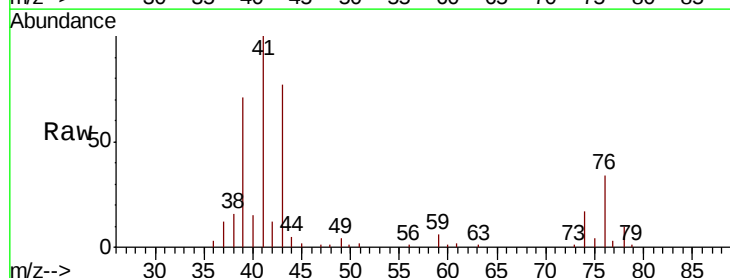
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

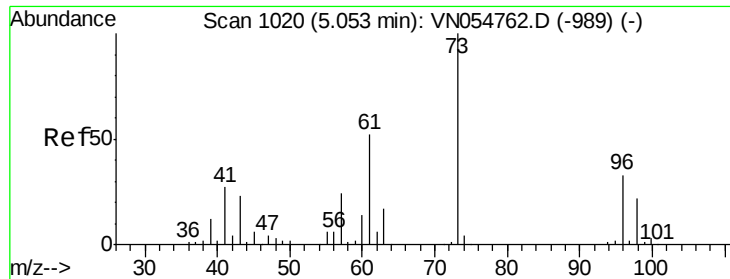
Tot Ion: 76 Resp: 171380
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 22.975 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 43 Resp: 76546
Ion Ratio Lower Upper
43 100
74 20.5 20.8 31.2#

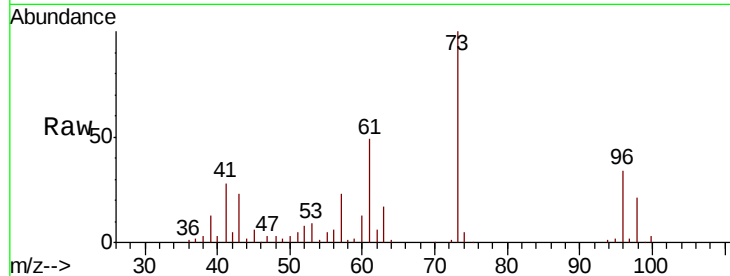




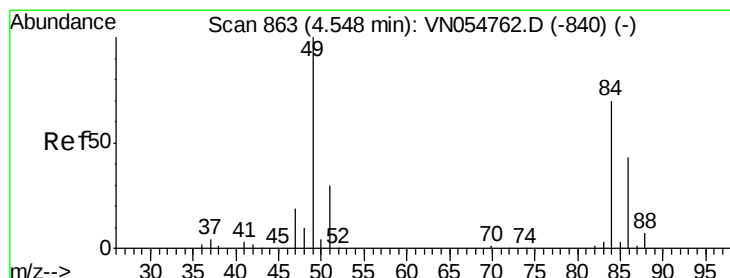
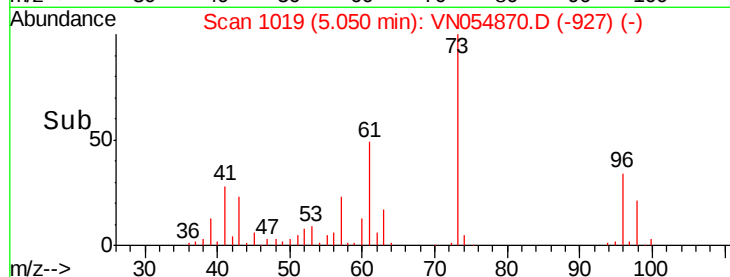
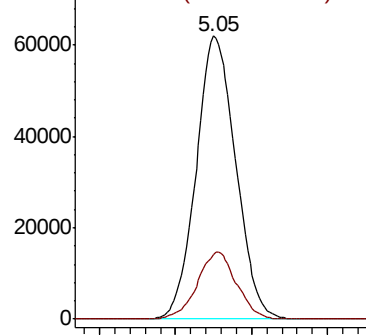
#19
Methvl tert-butvl Ether
Concen: 20.897 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

Tot Ion: 73 Resp: 223798
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

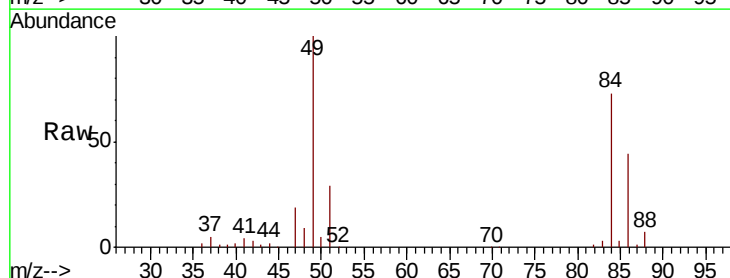


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

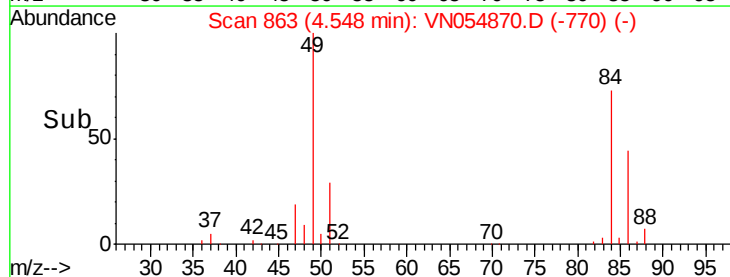
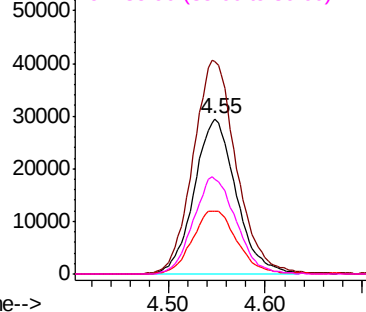


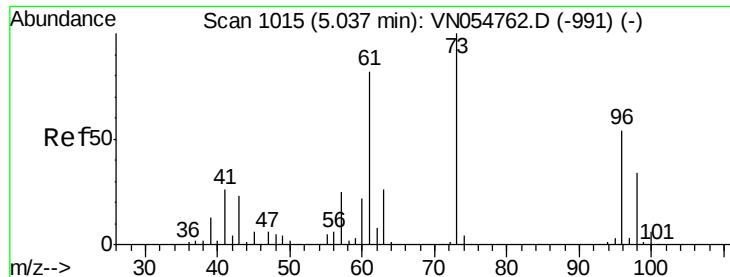
#20
Methylene Chloride
Concen: 20.080 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 84 Resp: 88685
Ion Ratio Lower Upper
84 100
49 136.4 89.7 134.5#
51 40.3 28.2 42.4
86 61.0 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 19.294 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

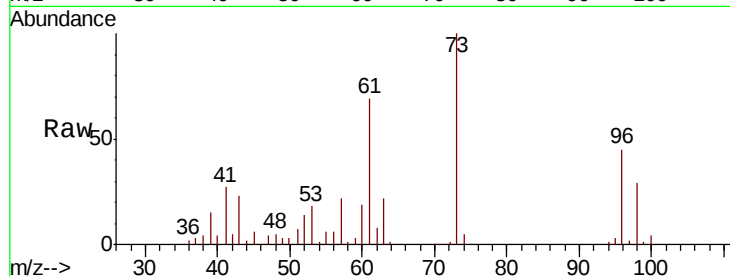
Tot Ion: 96 Resp: 77591

Ion Ratio Lower Upper

96 100

61 153.5 102.8 154.2

98 65.1 50.0 75.0

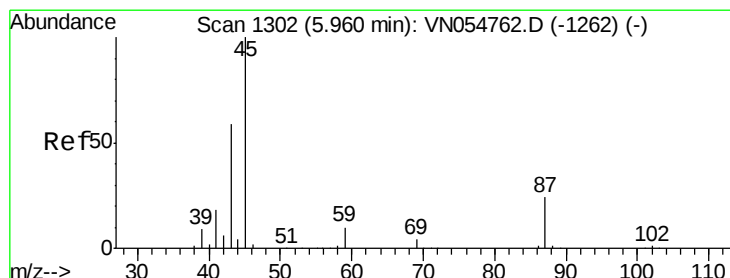
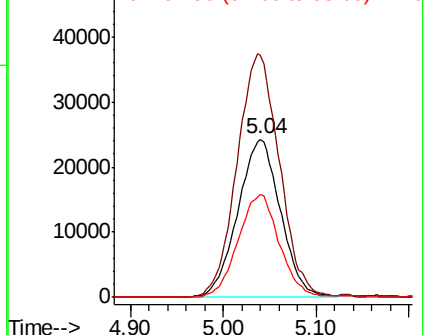
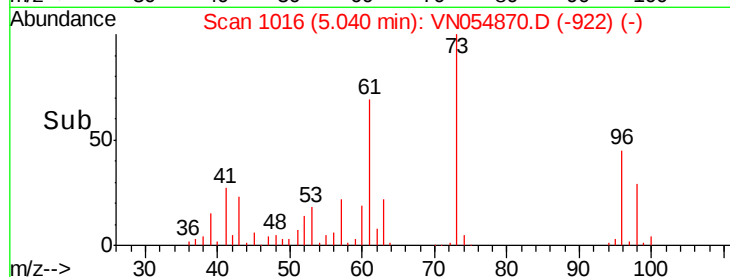


Abundance

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



#22

Diisopropyl ether

Concen: 20.257 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Tgt Ion: 45 Resp: 302142

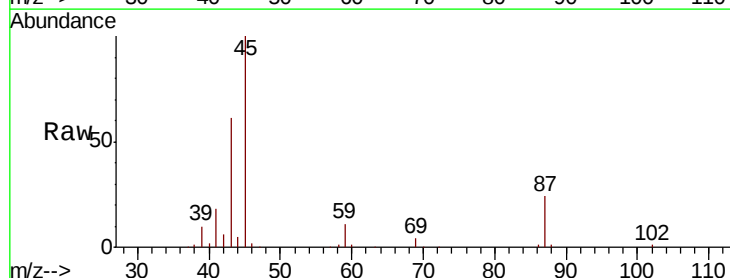
Ion Ratio Lower Upper

45 100

43 58.8 48.2 72.2

87 23.8 24.9 37.3#

59 10.3 9.5 14.3



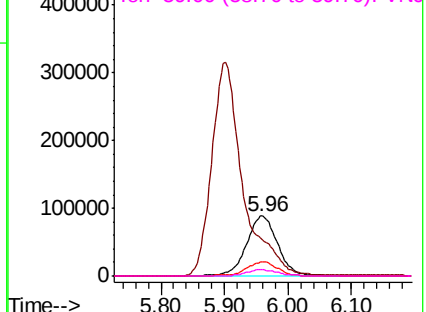
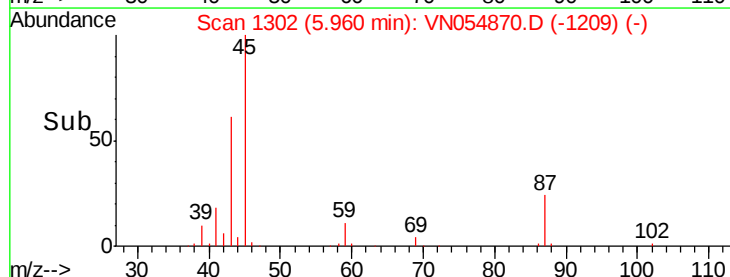
Abundance

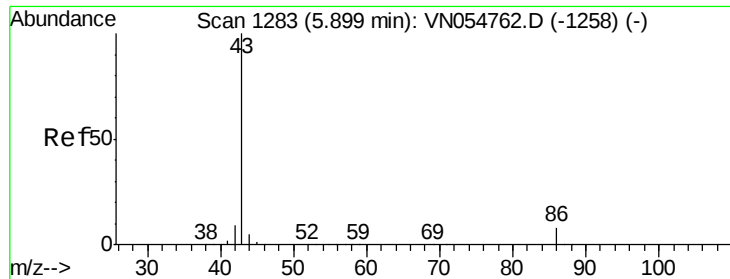
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

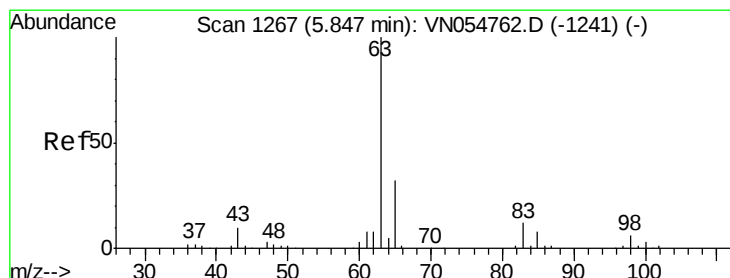
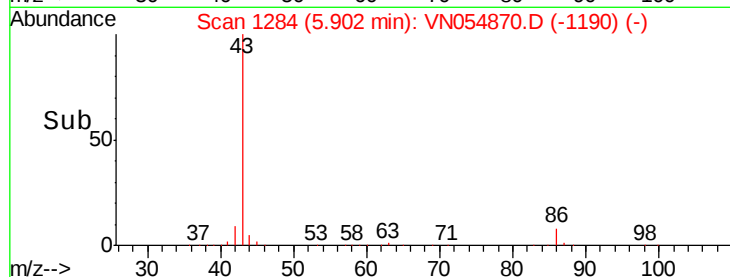
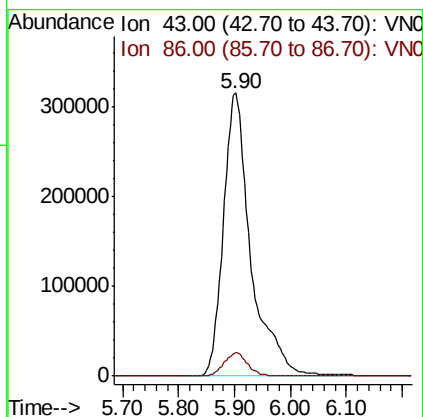
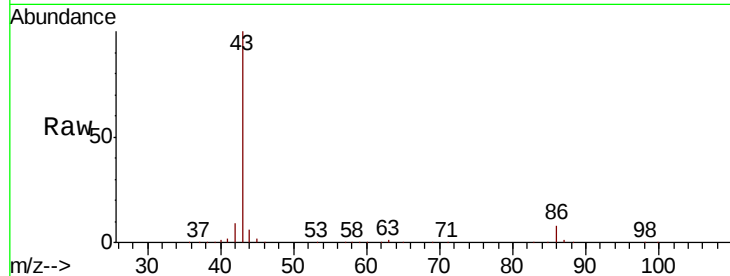




#23
 Vinyl Acetate
 Concen: 104.028 ug/l
 RT: 5.90 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

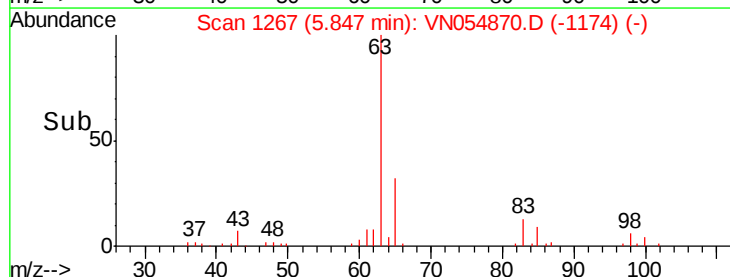
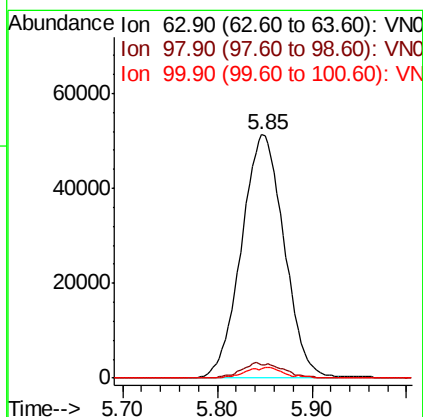
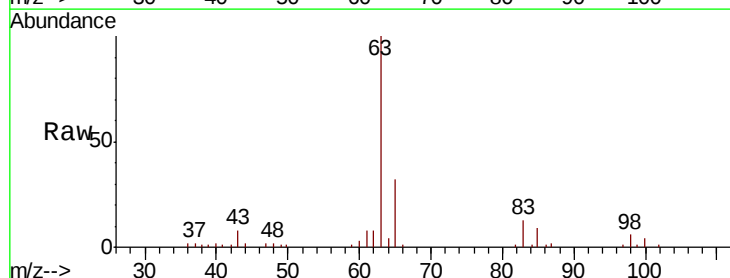
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

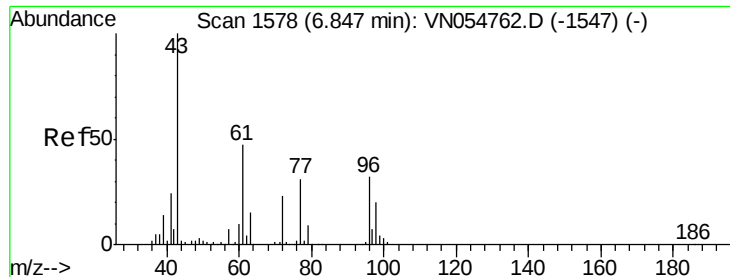
Tot Ion: 43 Resp: 1079779
 Ion Ratio Lower Upper
 43 100
 86 8.3 9.1 13.7#



#24
 1,1-Dichloroethane
 Concen: 20.209 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion: 63 Resp: 160796
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.5 10.5
 100 3.8 2.0 6.0

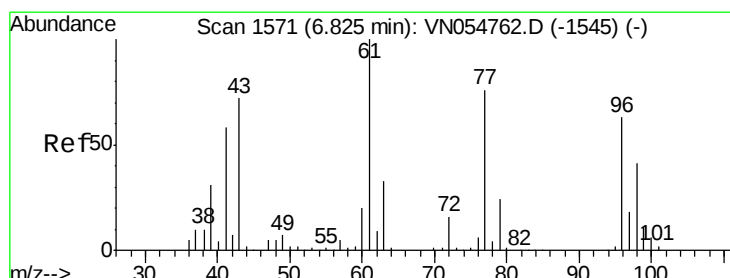
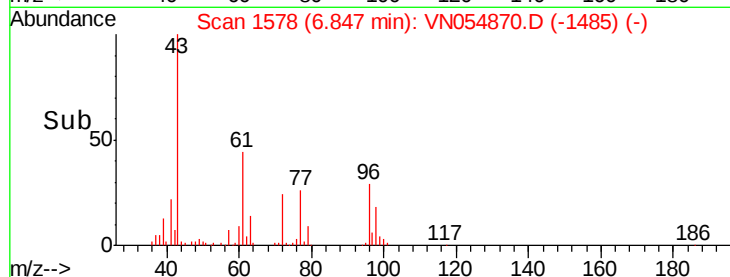
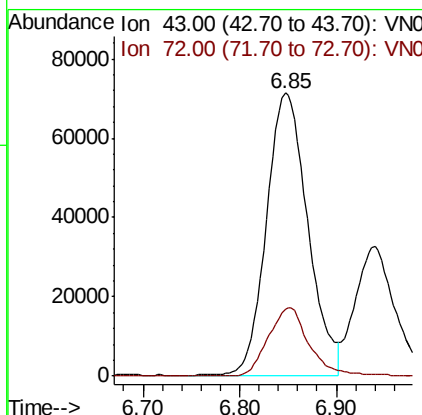
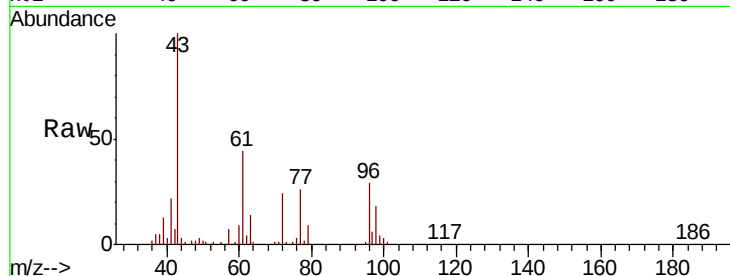




#25
 2-Butanone
 Concen: 114.263 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

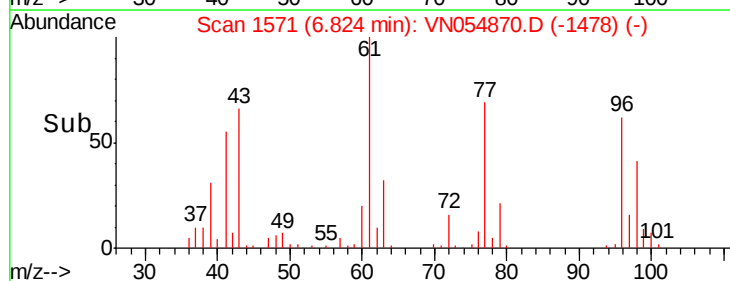
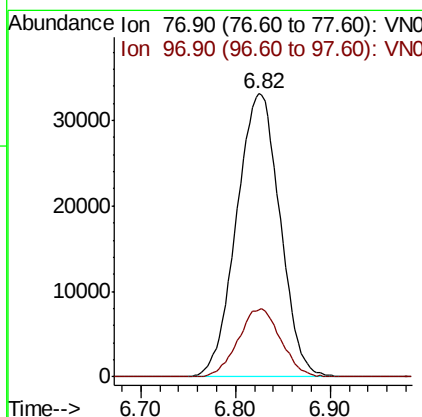
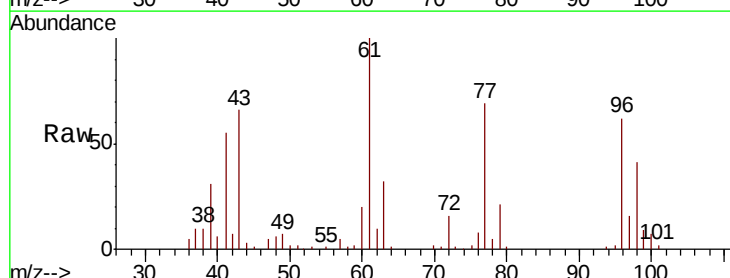
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

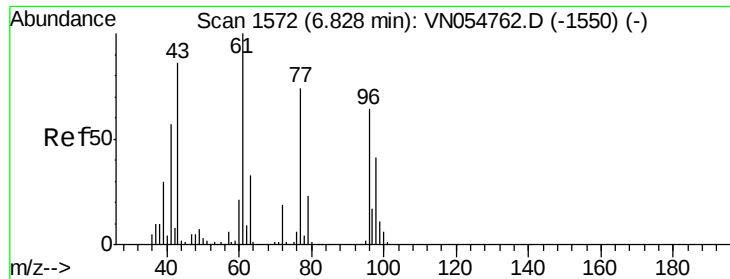
Tot Ion: 43 Resp: 211477
 Ion Ratio Lower Upper
 43 100
 72 23.6 23.0 34.6



#26
 2,2-Dichloropropane
 Concen: 18.960 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion: 77 Resp: 105731
 Ion Ratio Lower Upper
 77 100
 97 23.4 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 19.955 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

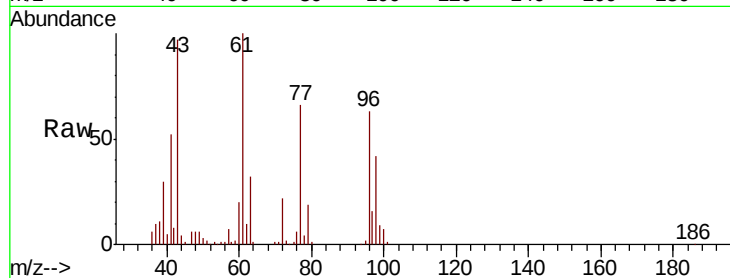
Tot Ion: 96 Resp: 90656

Ion Ratio Lower Upper

96 100

61 157.9 0.0 273.0

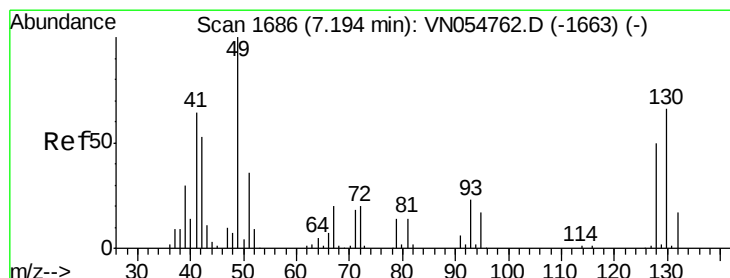
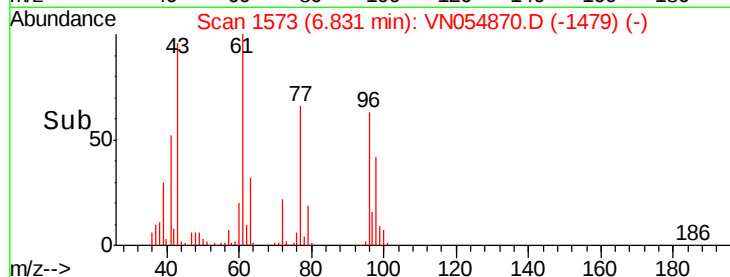
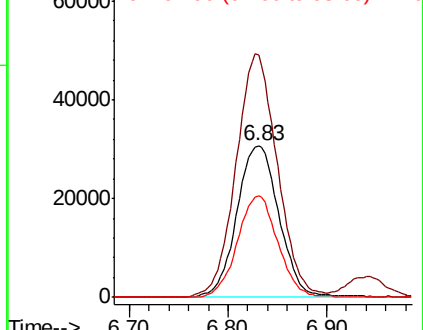
98 64.6 0.0 130.6



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: 19.997 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

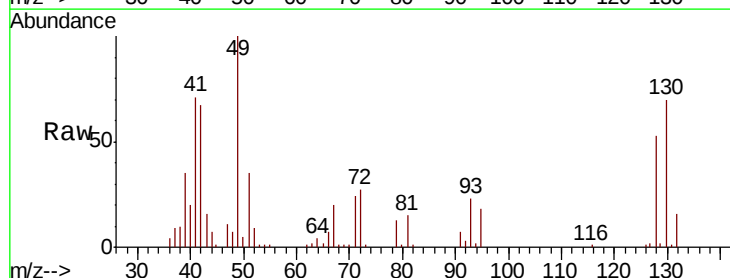
Tgt Ion: 49 Resp: 79560

Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.6

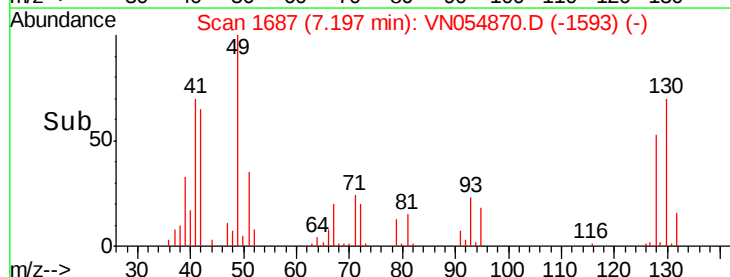
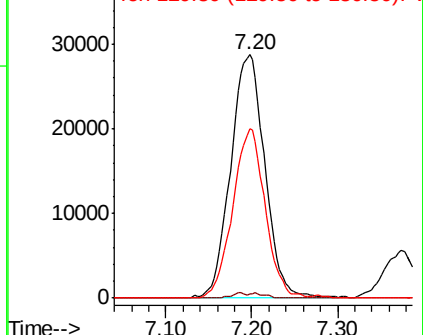
130 65.8 76.7 115.1#

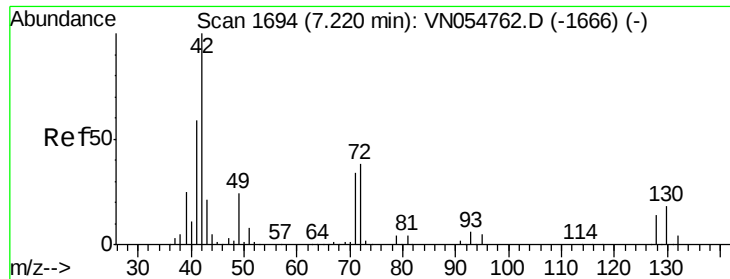


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

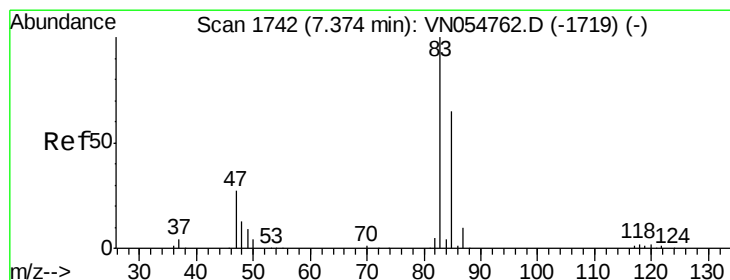
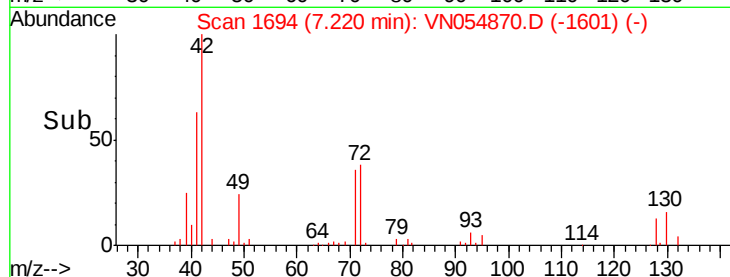
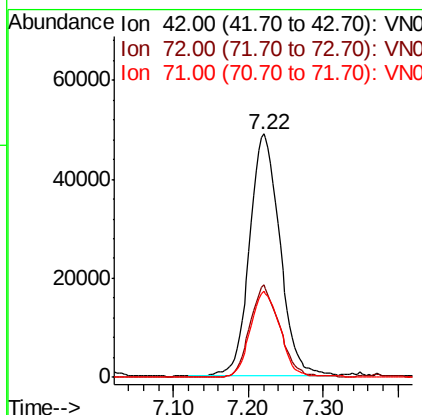
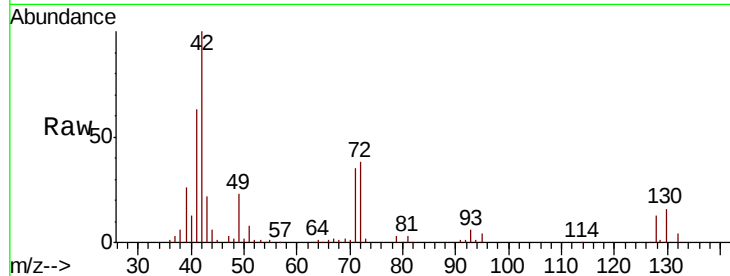




#29
Tetrahydrofuran
Concen: 107.767 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

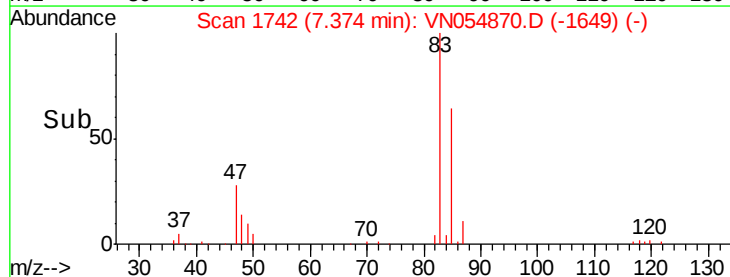
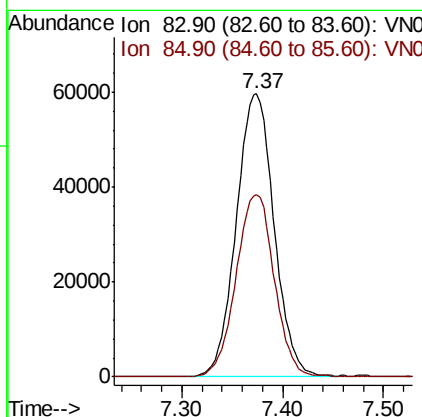
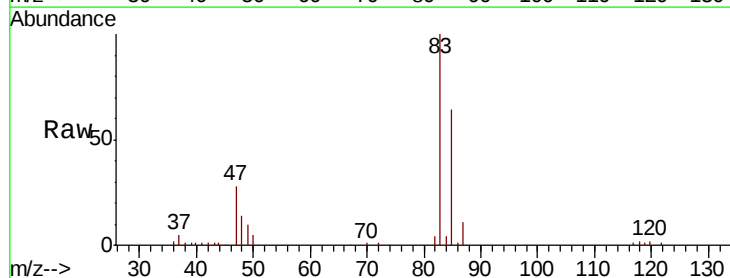
Instrument :
MSVOA_N
ClientSampled :
VN0401WBS01

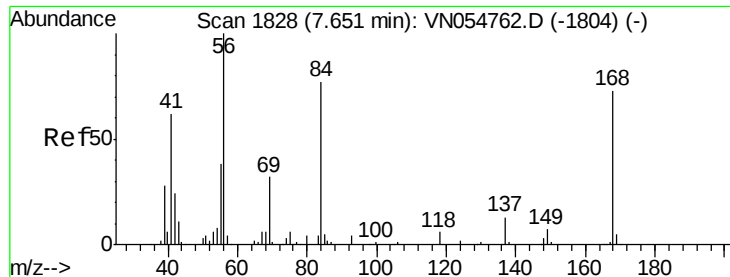
Tot Ion: 42 Resp: 138531
Ion Ratio Lower Upper
42 100
72 37.3 37.8 56.6#
71 34.7 36.2 54.2#



#30
Chloroform
Concen: 20.445 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 83 Resp: 155113
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.4

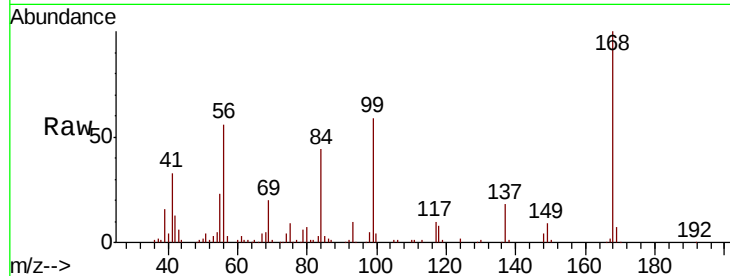




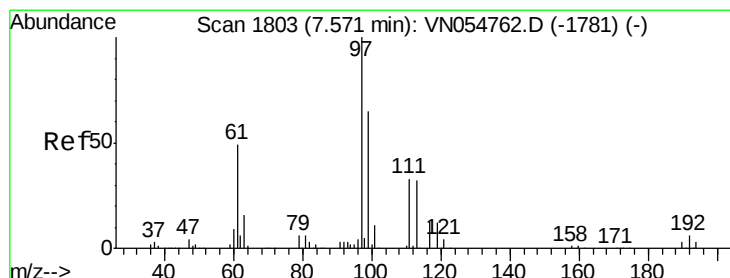
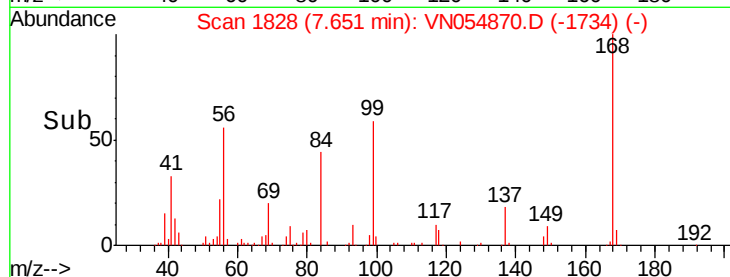
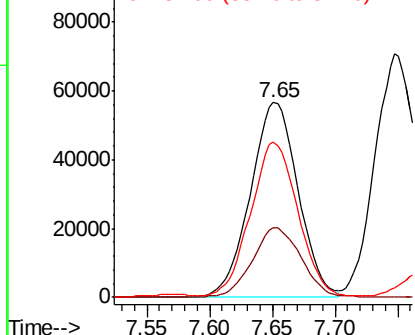
#31
Cyclohexane
Concen: 19.443 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

Tot Ion: 56 Resp: 150089
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 78.8 74.6 111.8

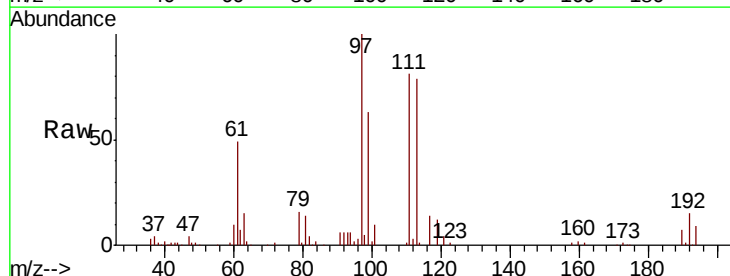


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

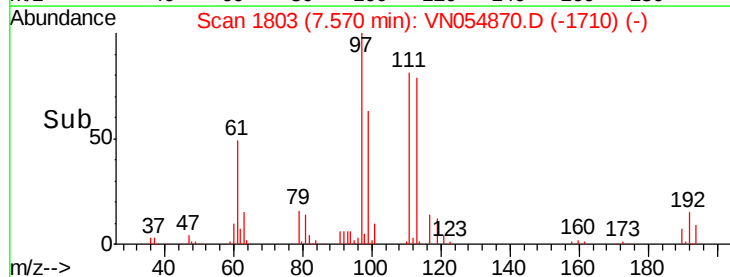
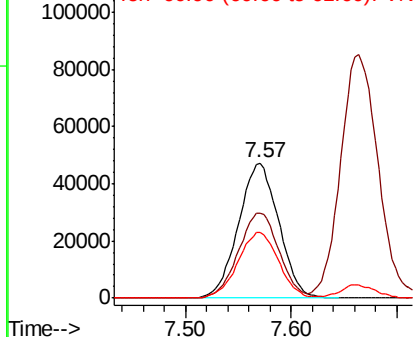


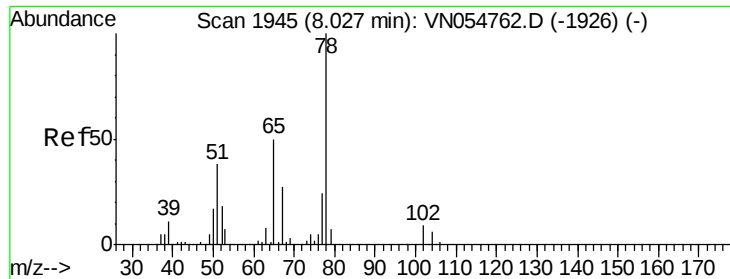
#32
1,1,1-Trichloroethane
Concen: 19.945 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 97 Resp: 125400
Ion Ratio Lower Upper
97 100
99 63.4 51.5 77.3
61 49.1 33.6 50.4



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

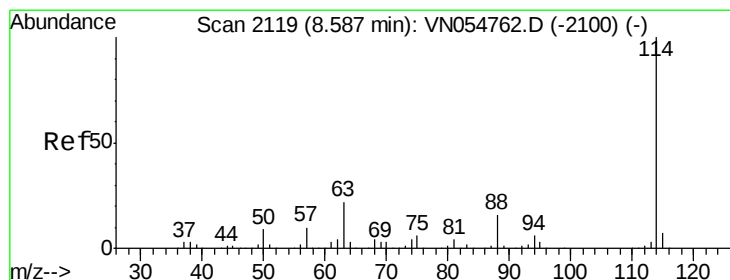
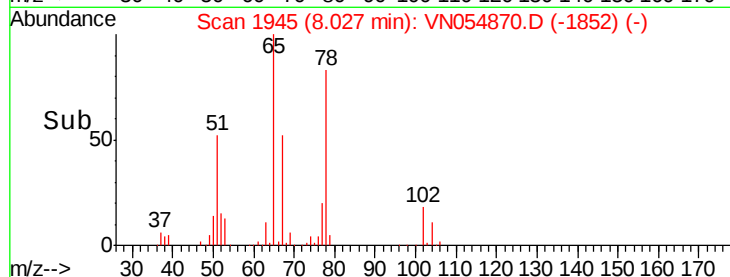
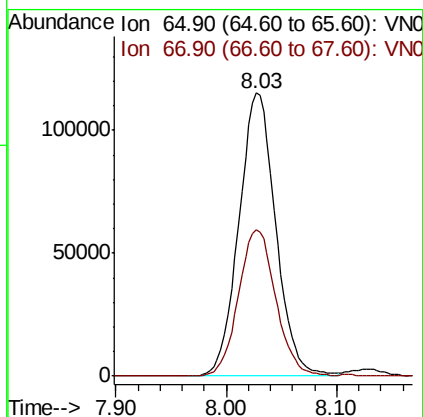
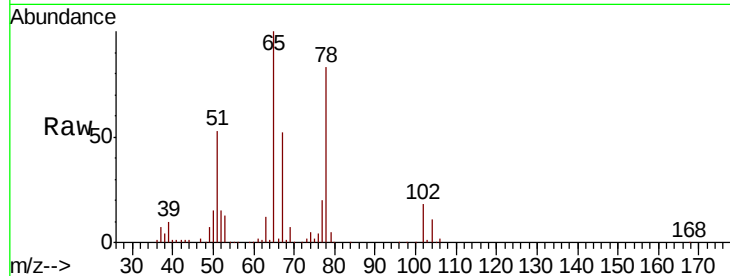




#33
 1,2-Dichloroethane-d4
 Concen: 50.809 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

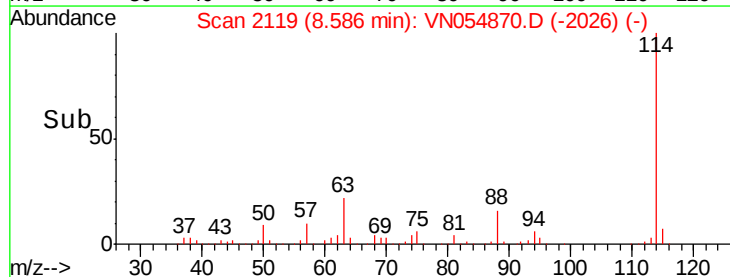
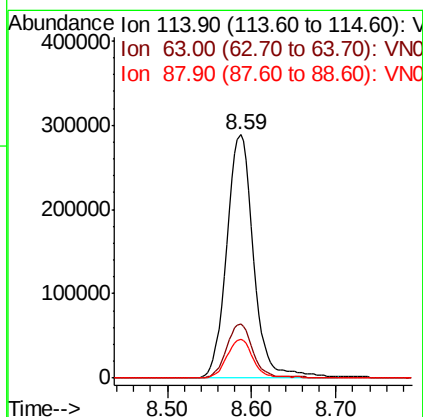
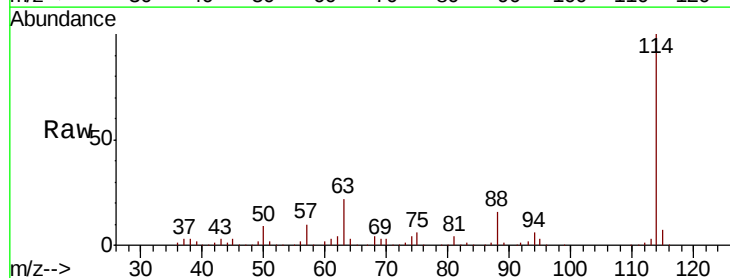
Instrument :
 MSVOA_N
 ClientSampled :
 VN0401WBS01

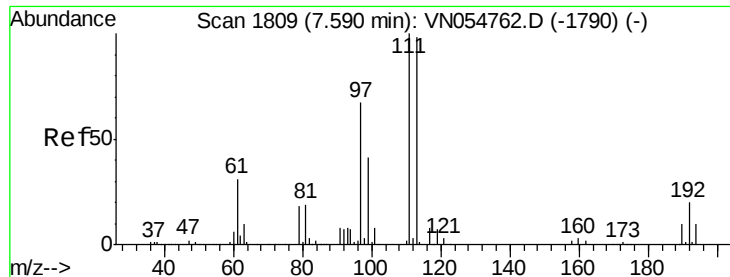
Tot Ion: 65 Resp: 266774
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion: 114 Resp: 641666
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 16.0 0.0 30.2

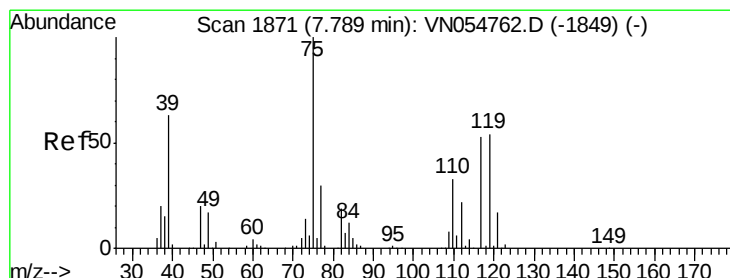
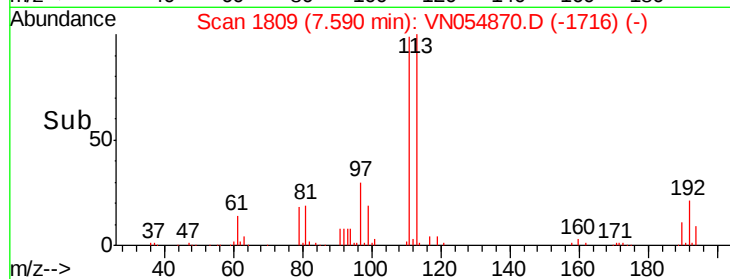
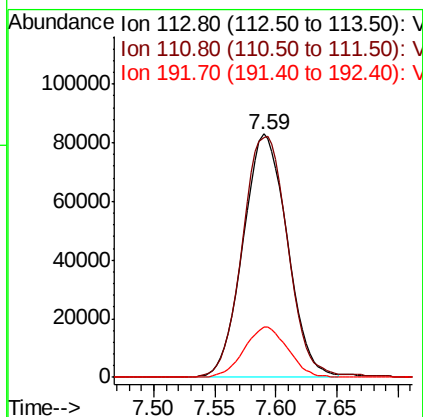
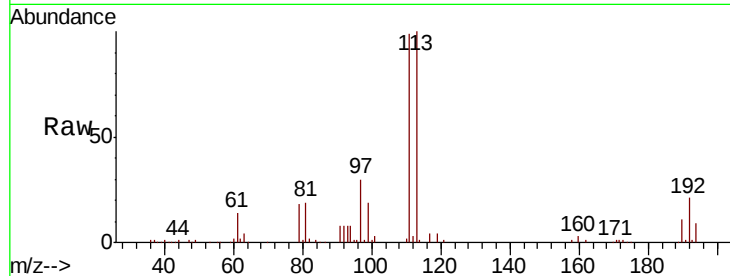




#35
Dibromofluoromethane
Concen: 48.645 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

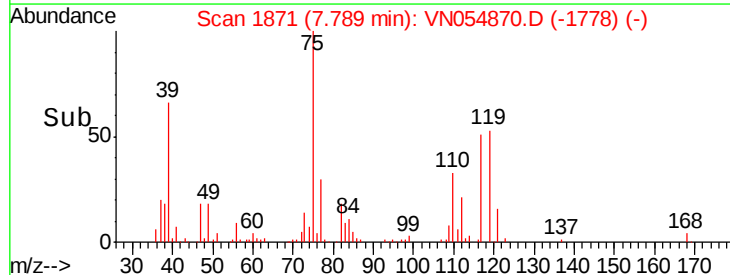
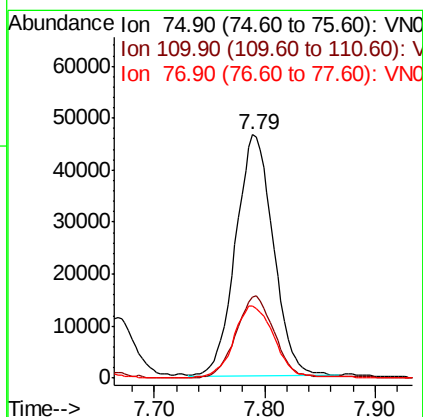
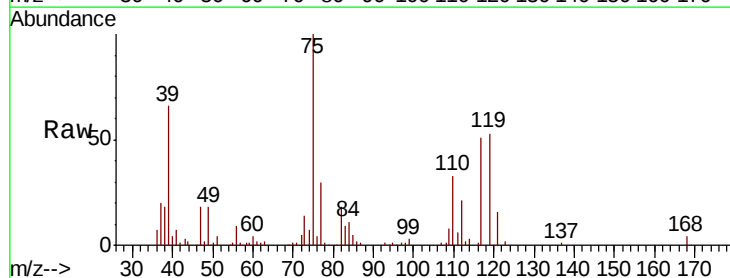
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

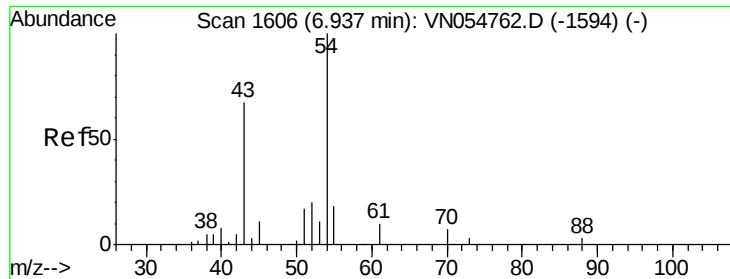
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	20.3	19.2	28.8



#36
1,1-Dichloropropene
Concen: 18.407 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	19.1	57.5
77	32.3	25.0	37.4

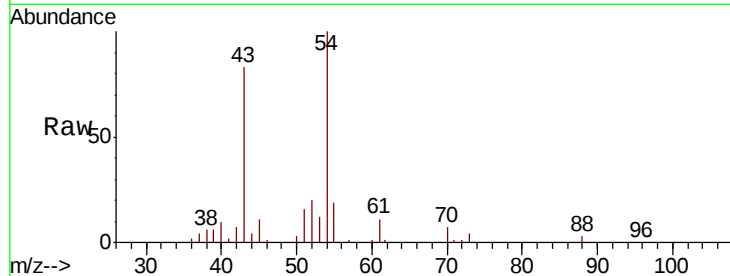




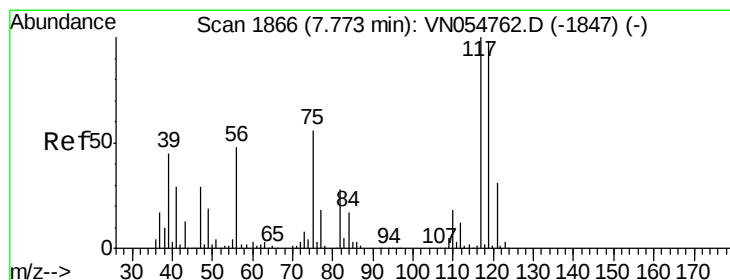
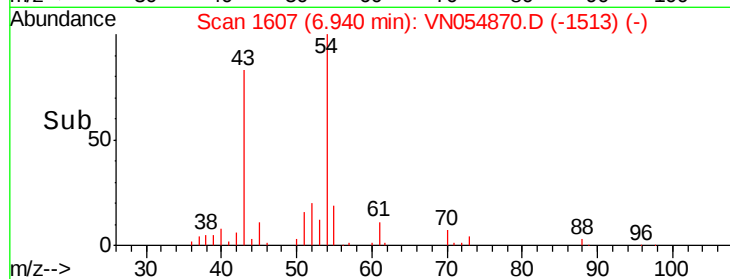
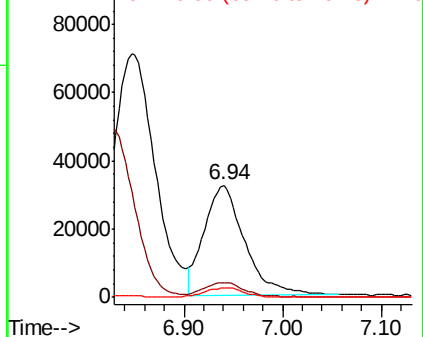
#37
Ethyl Acetate
Concen: 20.982 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Instrument :
MSVOA_N
ClientSampled :
VN0401WBS01

Tot Ion: 43 Resp: 91997
Ion Ratio Lower Upper
43 100
61 11.4 11.8 17.6#
70 8.7 8.4 12.6

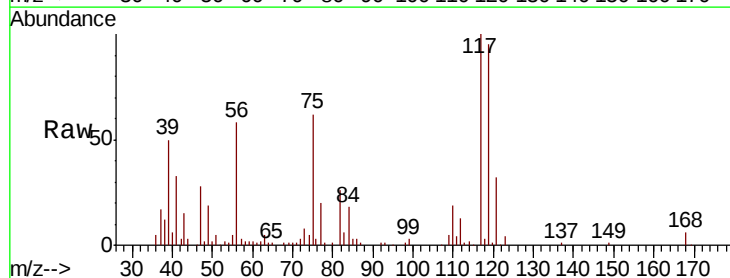


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

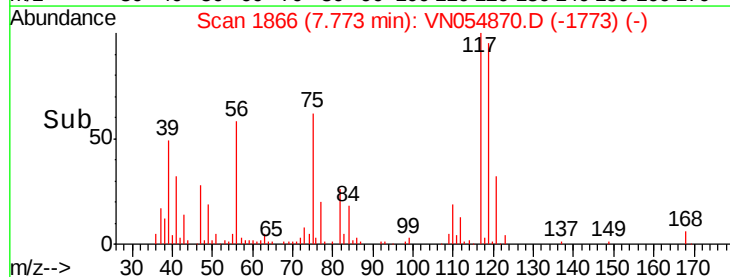
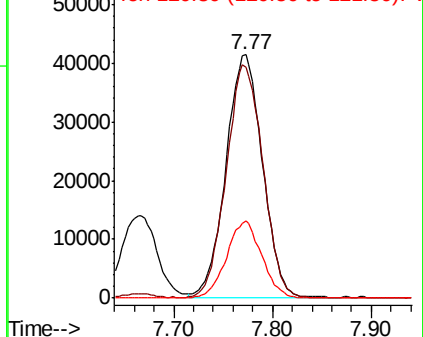


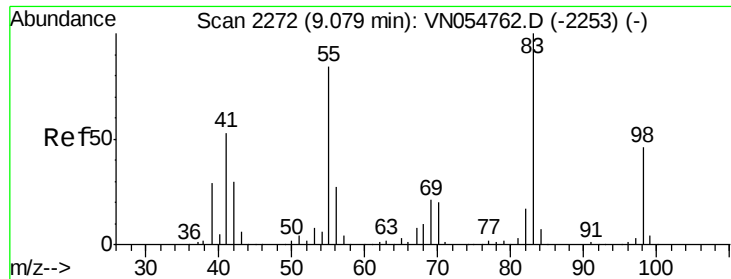
#38
Carbon Tetrachloride
Concen: 18.444 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 117 Resp: 107112
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5
121 31.7 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

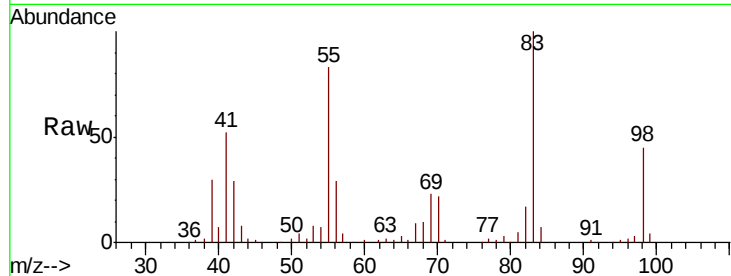




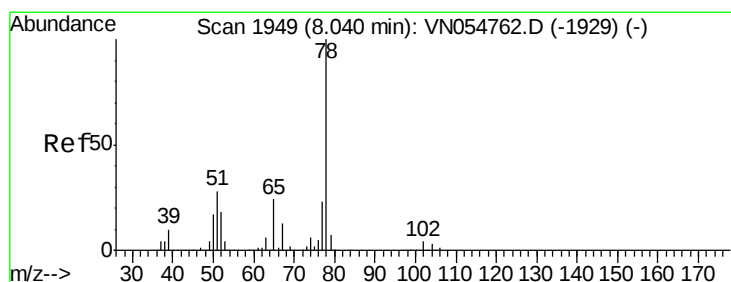
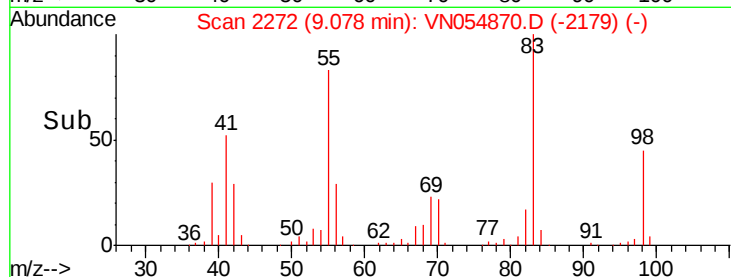
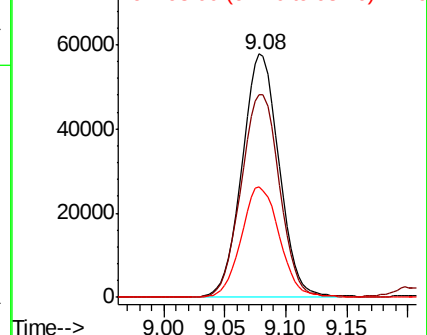
#39
Methvlcvclohexane
Concen: 18.459 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

Tot Ion: 83 Resp: 121335
Ion Ratio Lower Upper
83 100
55 83.1 56.6 84.8
98 45.5 38.4 57.6

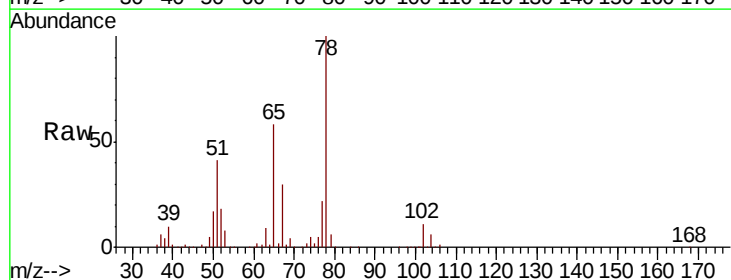


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

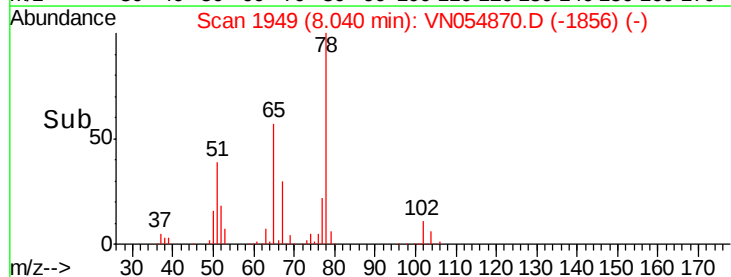
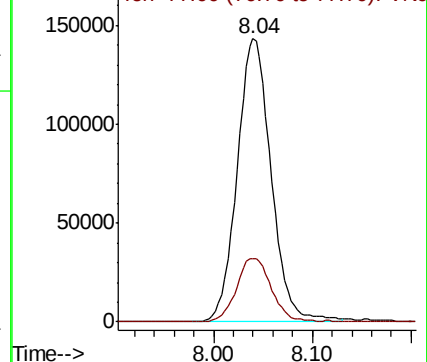


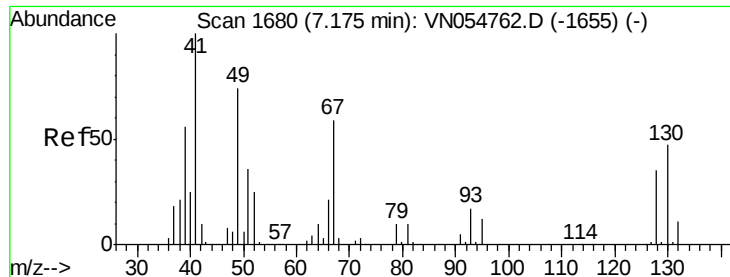
#40
Benzene
Concen: 19.991 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 78 Resp: 342017
Ion Ratio Lower Upper
78 100
77 22.3 19.1 28.7



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

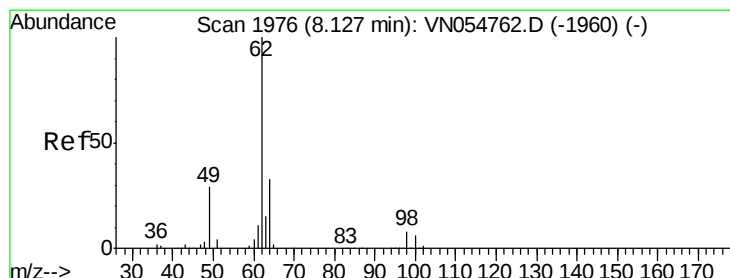
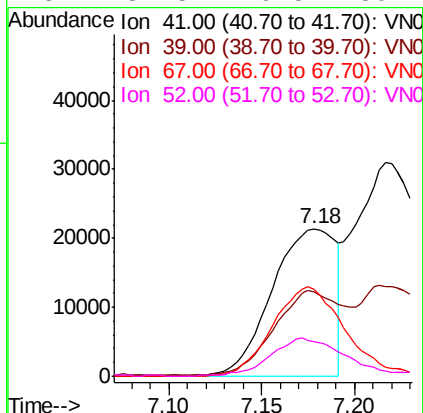
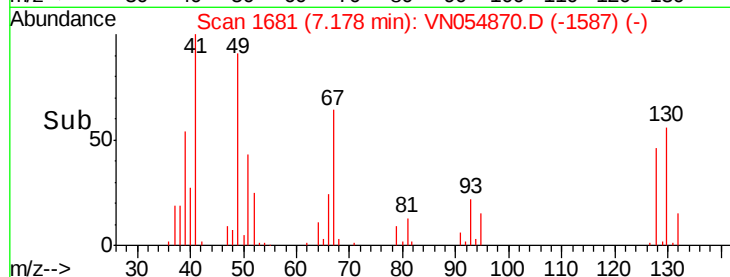
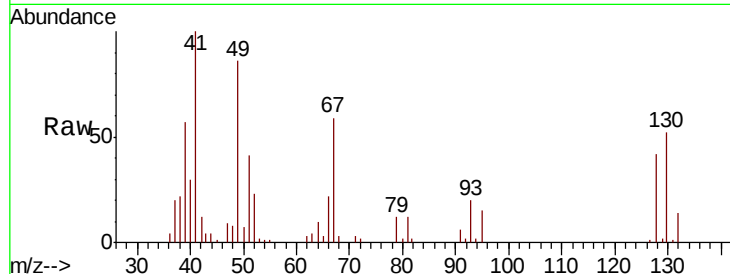




#41
Methacrylonitrile
Concen: 20.759 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

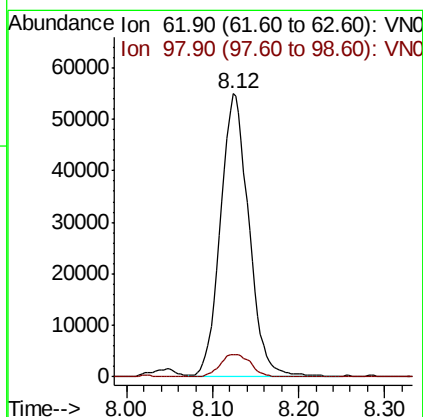
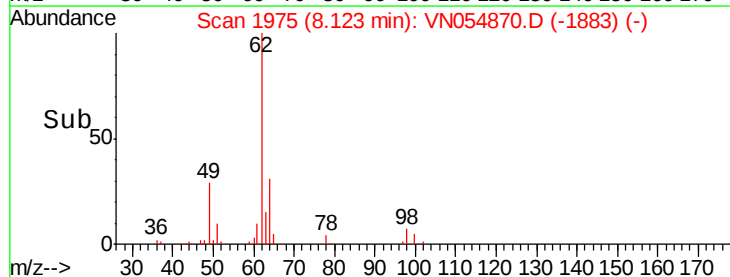
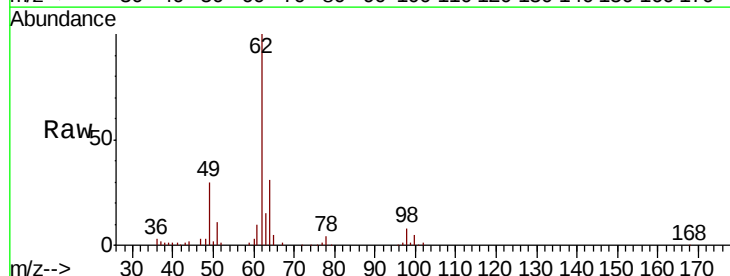
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

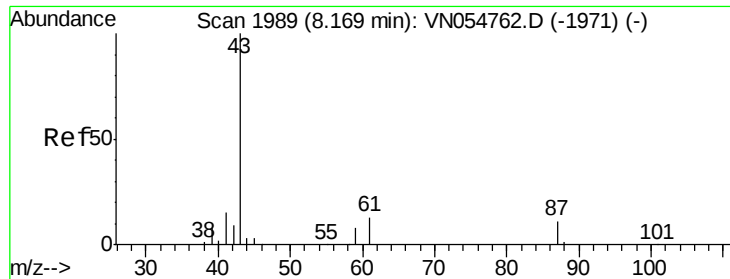
Tot Ion: 41 Resp: 51130
Ion Ratio Lower Upper
41 100
39 64.3 46.8 70.2
67 69.7 67.0 100.4
52 31.5 26.5 39.7



#42
1,2-Dichloroethane
Concen: 20.584 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 62 Resp: 125741
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.4





#43

Isopropyl Acetate

Concen: 21.480 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

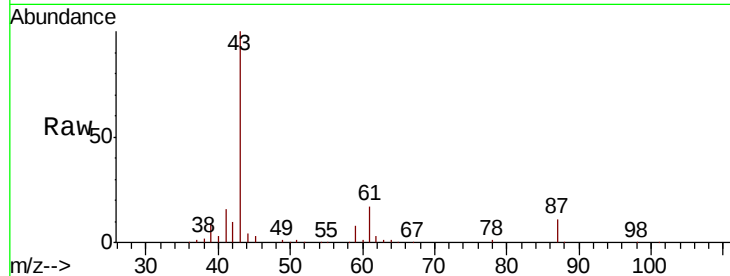
Tot Ion: 43 Resp: 153032

Ion Ratio Lower Upper

43 100

61 16.7 15.8 23.8

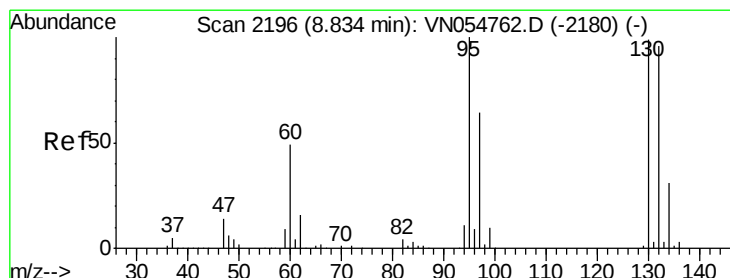
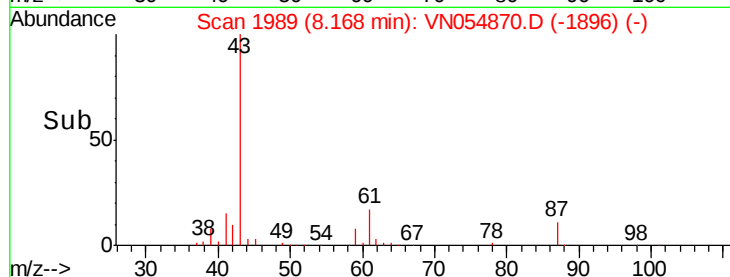
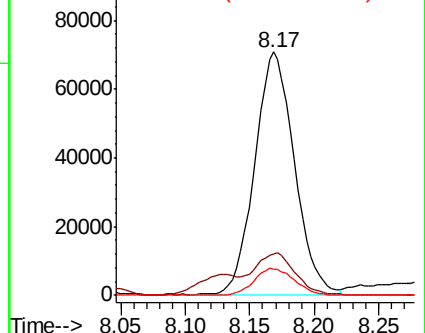
87 11.3 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054870.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054870.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054870.D (-1896) (-)



#44

Trichloroethene

Concen: 19.691 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054870.D

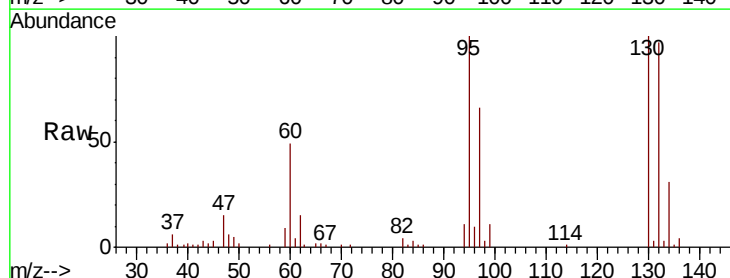
Acq: 1 Apr 2019 13:18

Tgt Ion:130 Resp: 87451

Ion Ratio Lower Upper

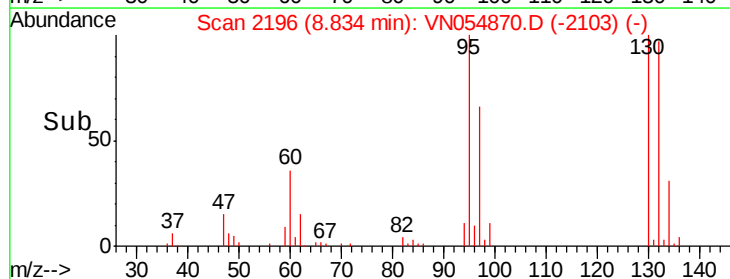
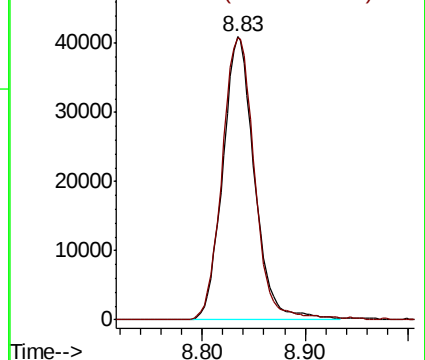
130 100

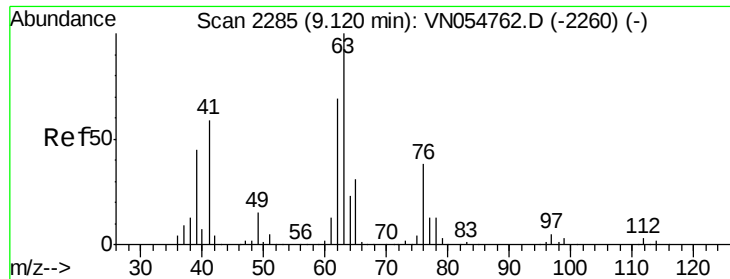
95 99.8 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054870.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054870.D (-2103) (-)

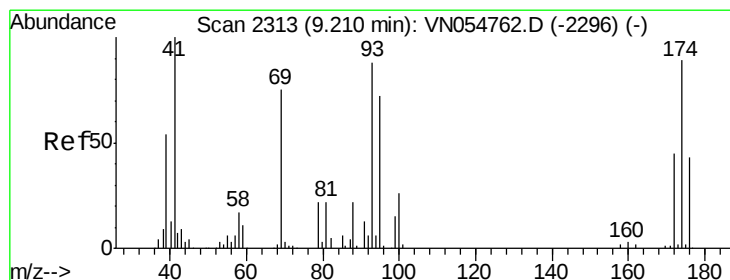
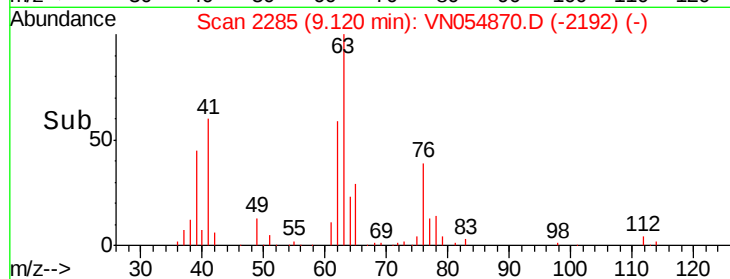
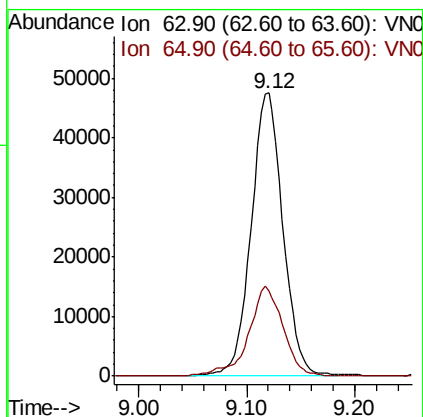
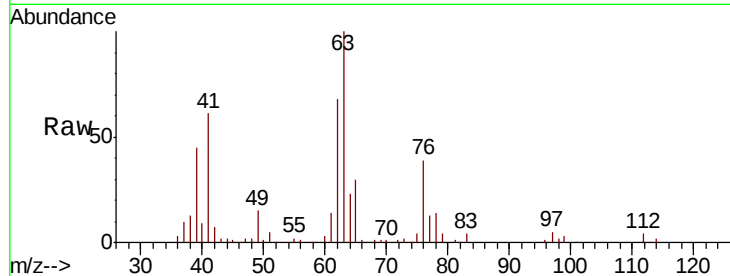




#45
 1,2-Dichloropropane
 Concen: 19.909 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

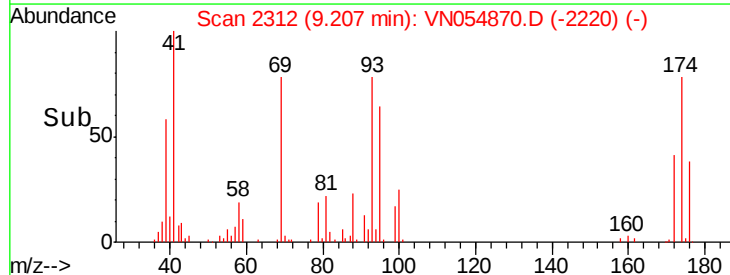
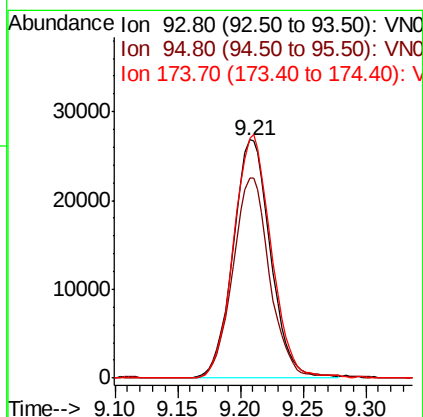
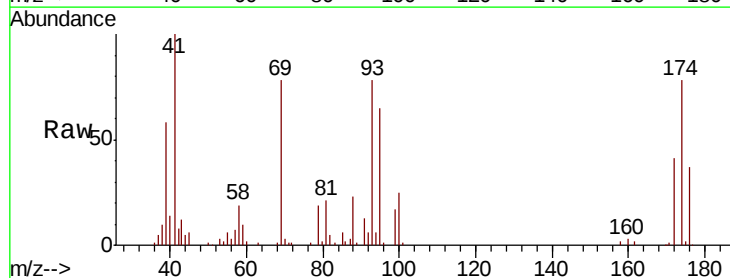
Instrument :
 MSVOA_N
 ClientSampled :
 VN0401WBS01

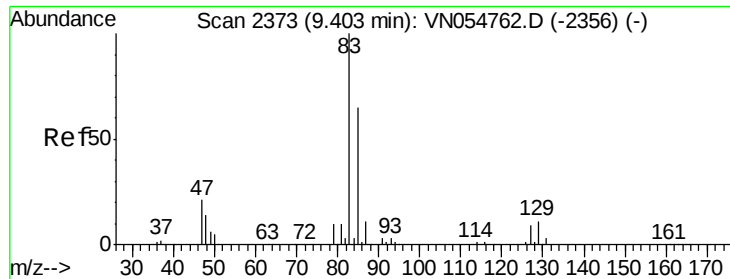
Tot Ion: 63 Resp: 97121
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6



#46
 Dibromomethane
 Concen: 20.253 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion: 93 Resp: 55579
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.7 100.1
 174 102.0 98.5 147.7





#47

Bromodichloromethane

Concen: 19.852 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

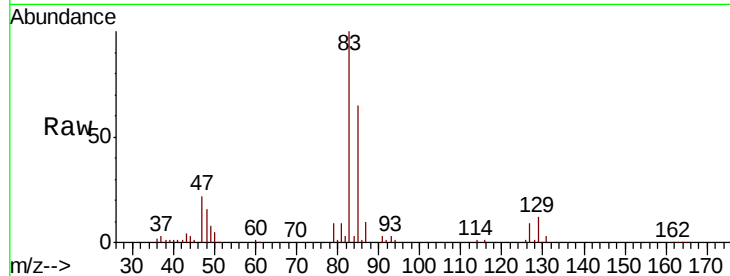
Tot Ion: 83 Resp: 113220

Ion Ratio Lower Upper

83 100

85 64.9 52.8 79.2

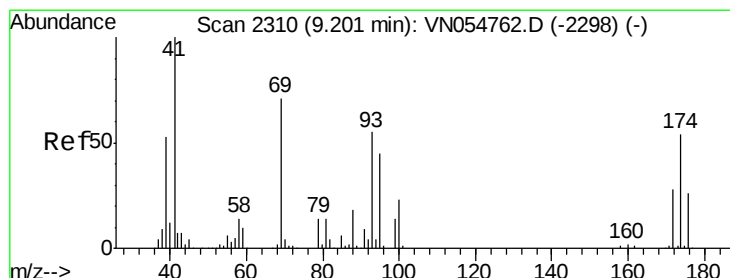
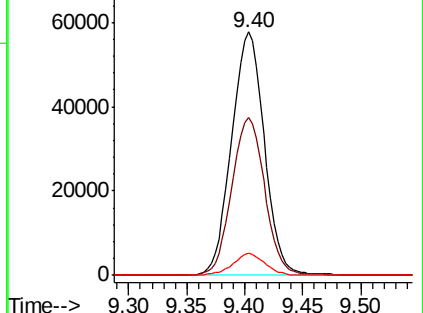
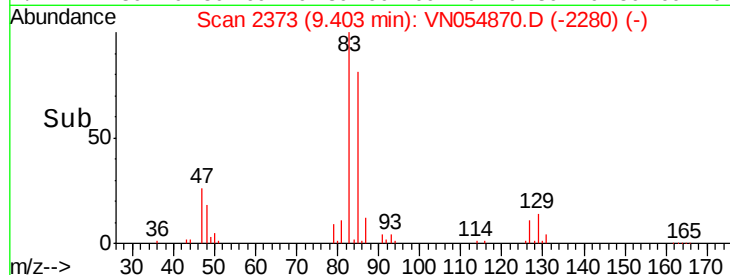
127 8.9 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054870.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054870.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054870.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.410 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

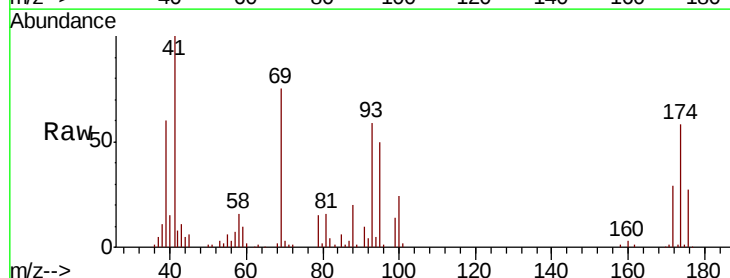
Tgt Ion: 41 Resp: 74961

Ion Ratio Lower Upper

41 100

69 76.8 72.6 108.8

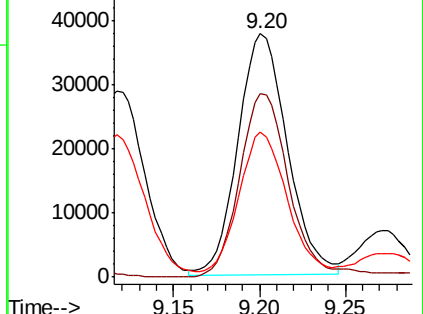
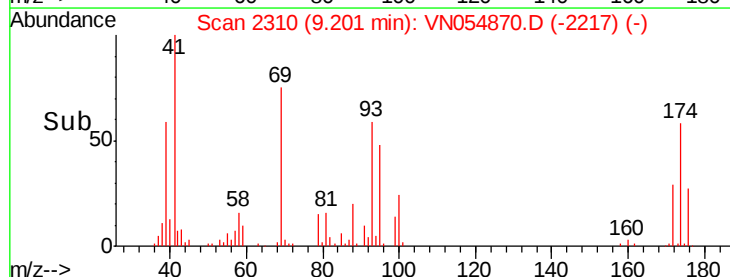
39 58.1 47.5 71.3

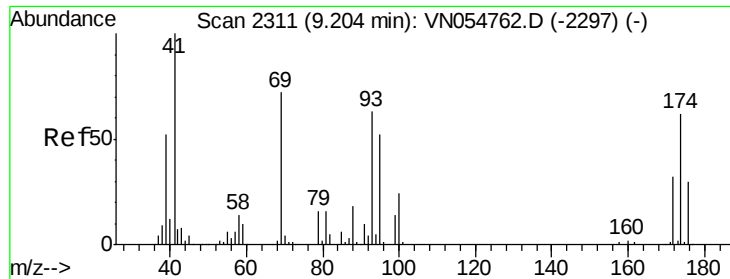


Abundance Ion 41.00 (40.70 to 41.70): VN054870.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054870.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054870.D (-2217) (-)





#49

1,4-Dioxane

Concen: 447.505 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

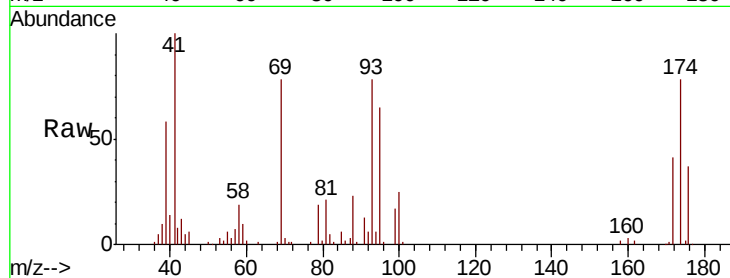
Tot Ion: 88 Resp: 17148

Ion Ratio Lower Upper

88 100

43 48.4 24.1 36.1#

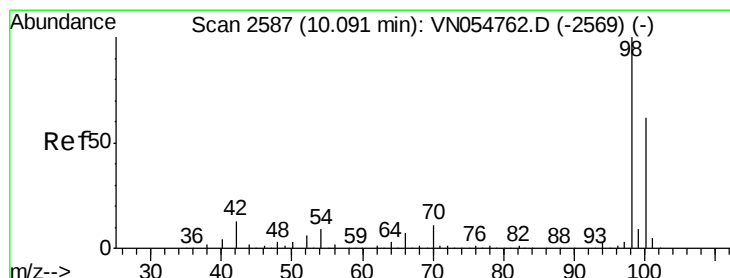
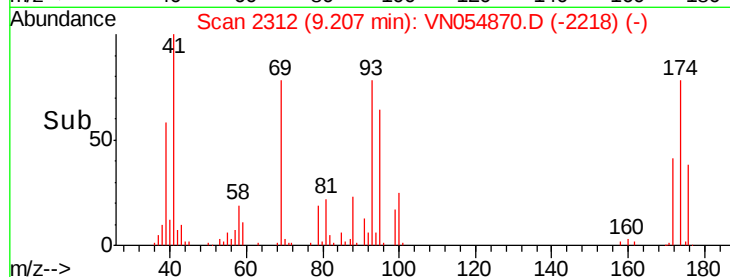
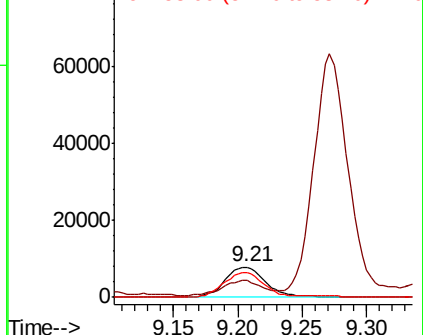
58 82.7 50.8 76.2#



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: 48.394 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054870.D

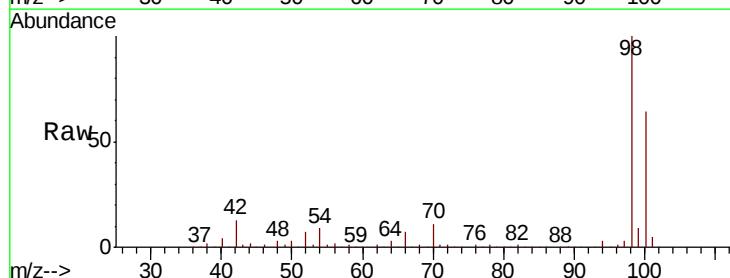
Acq: 1 Apr 2019 13:18

Tgt Ion: 98 Resp: 769682

Ion Ratio Lower Upper

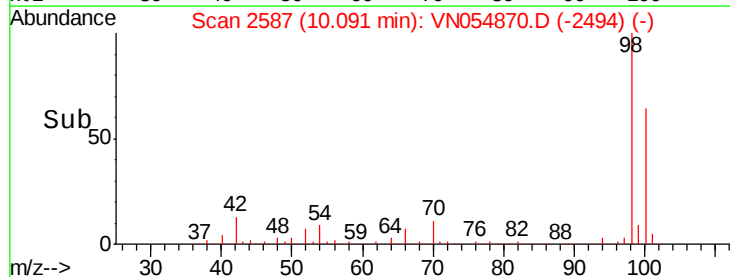
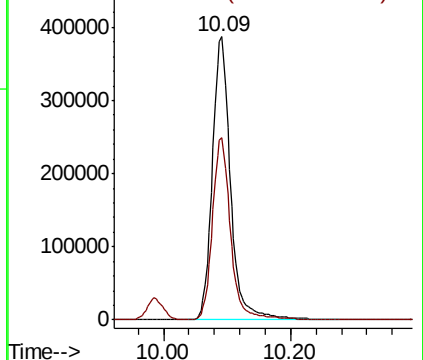
98 100

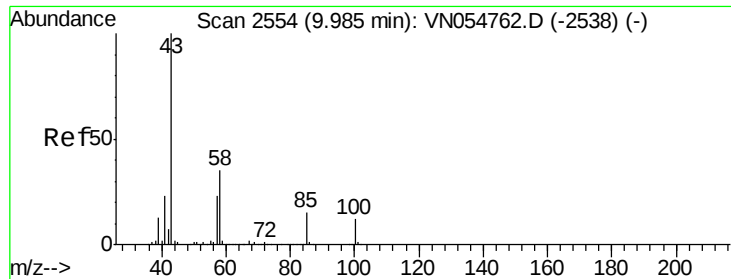
100 63.7 51.2 76.8



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: 109.869 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampled :

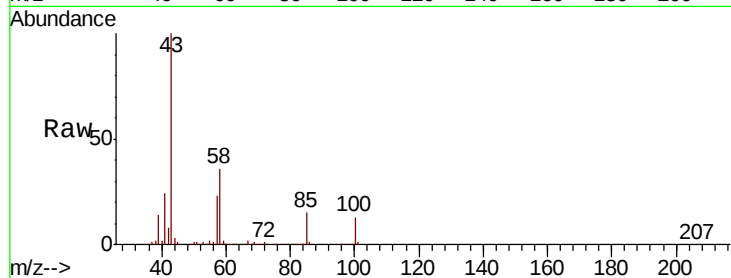
VN0401WBS01

Tot Ion: 43 Resp: 440079

Ion Ratio Lower Upper

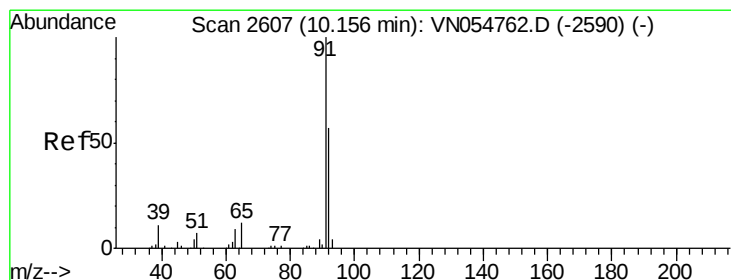
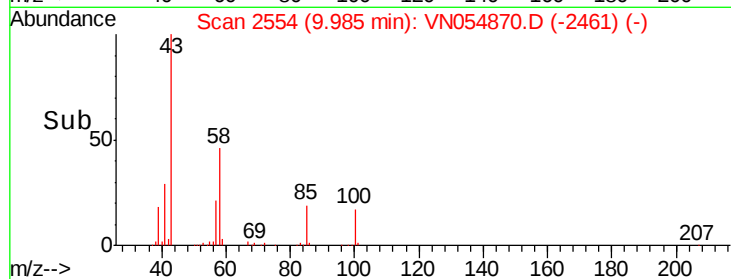
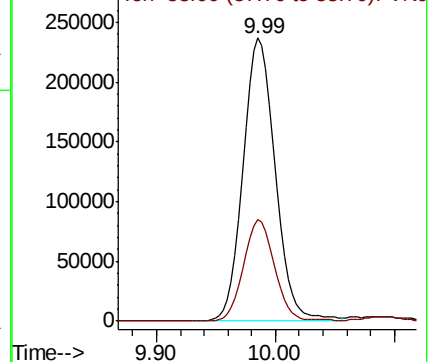
43 100

58 35.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.988 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054870.D

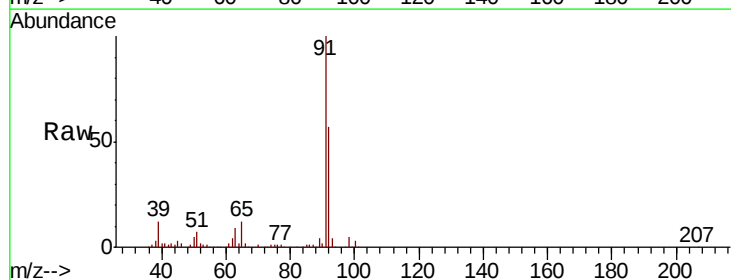
Acq: 1 Apr 2019 13:18

Tgt Ion: 92 Resp: 203485

Ion Ratio Lower Upper

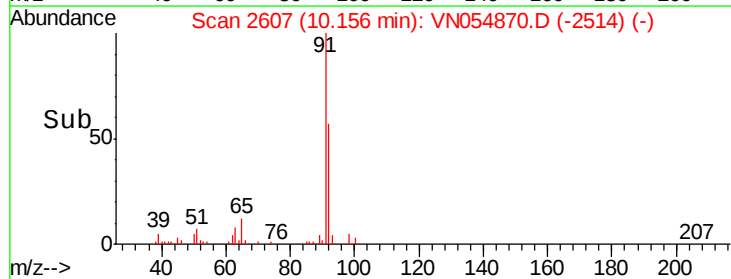
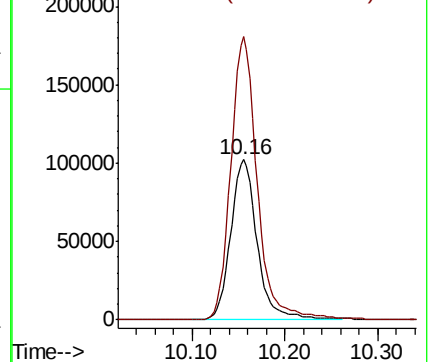
92 100

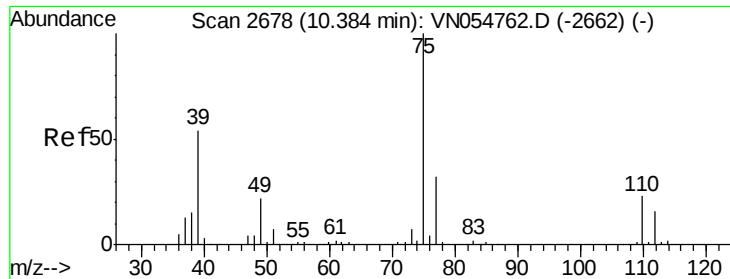
91 175.8 140.7 211.1



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: 18.595 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

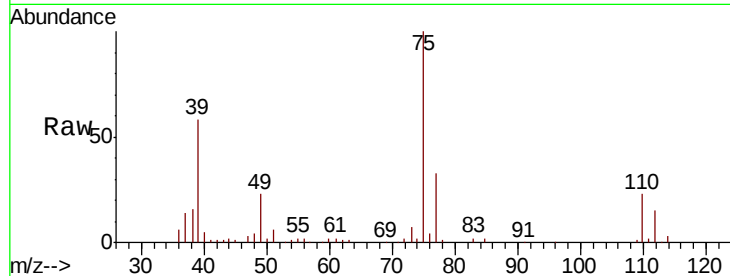
VN0401WBS01

Tot Ion: 75 Resp: 99760

Ion Ratio Lower Upper

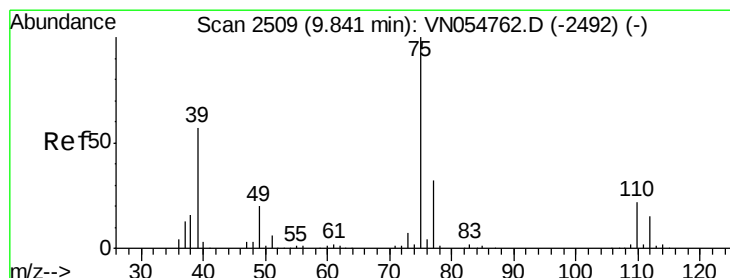
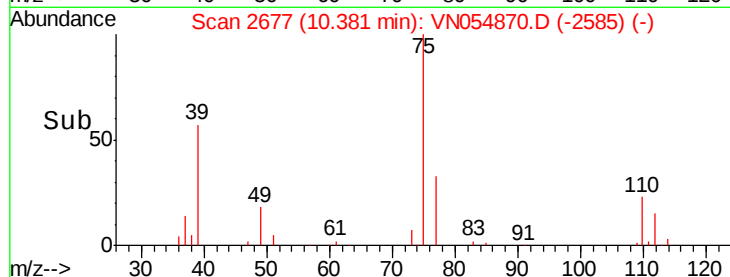
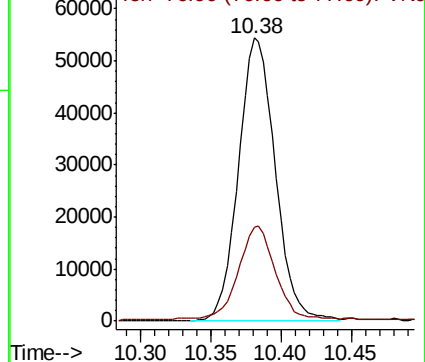
75 100

77 32.4 25.8 38.8



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: 19.669 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

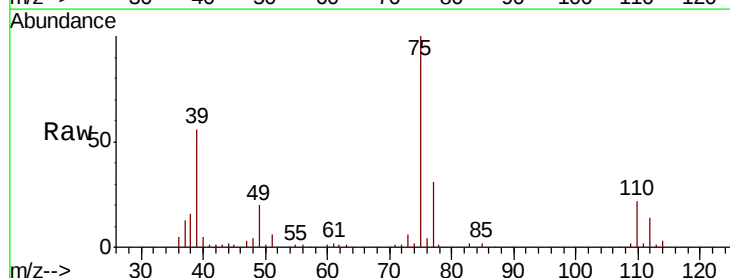
Tgt Ion: 75 Resp: 126055

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

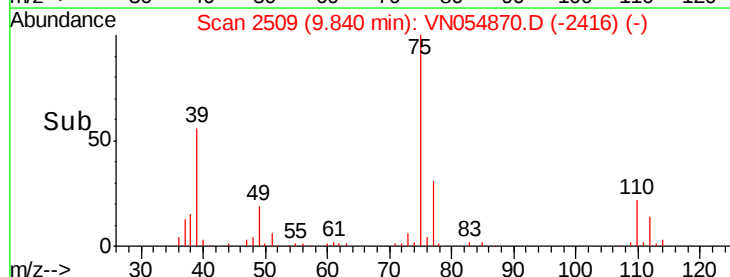
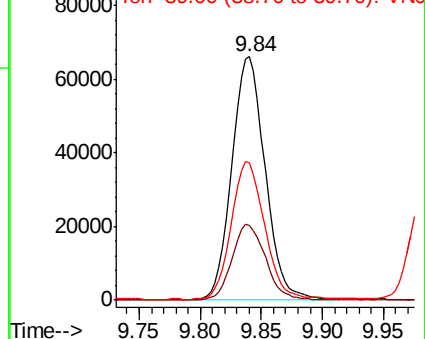
39 55.9 37.2 55.8#



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: 20.378 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

Tot Ion: 97 Resp: 77138

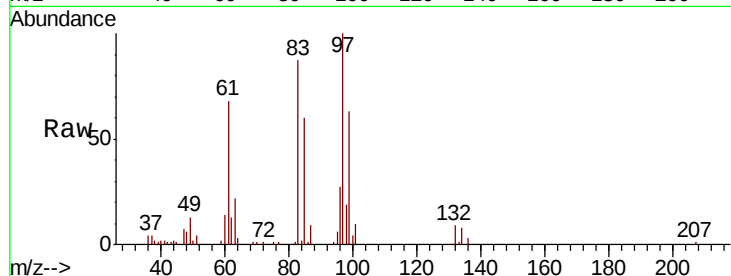
Ion Ratio Lower Upper

97 100

83 86.5 66.6 100.0

85 59.8 44.4 66.6

99 62.8 50.8 76.2

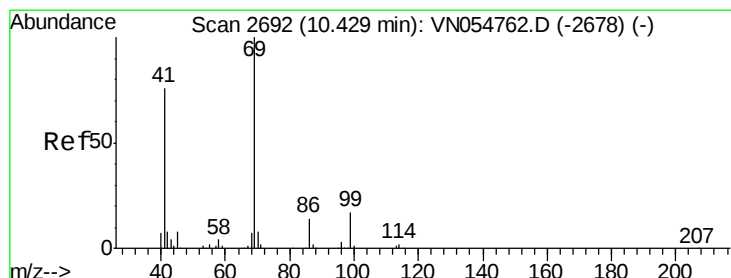
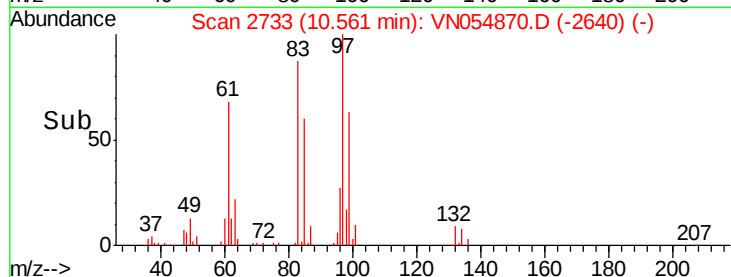
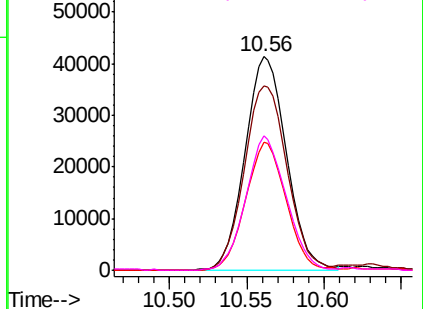


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.401 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

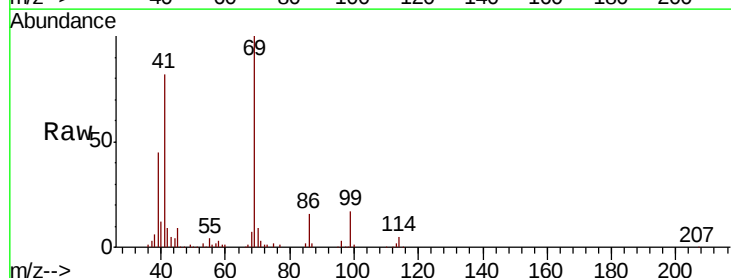
Tgt Ion: 69 Resp: 96336

Ion Ratio Lower Upper

69 100

41 80.6 49.4 74.2#

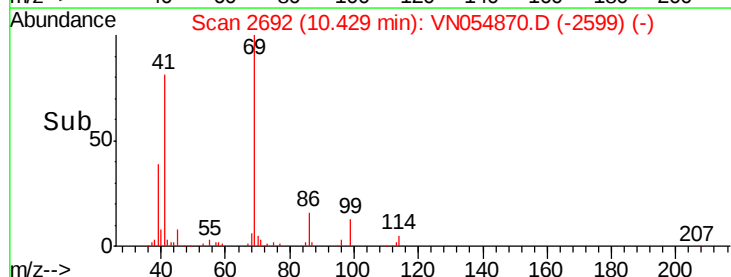
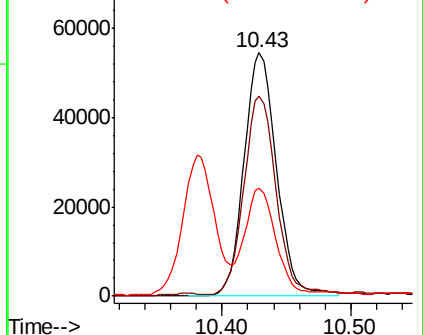
39 41.6 28.3 42.5

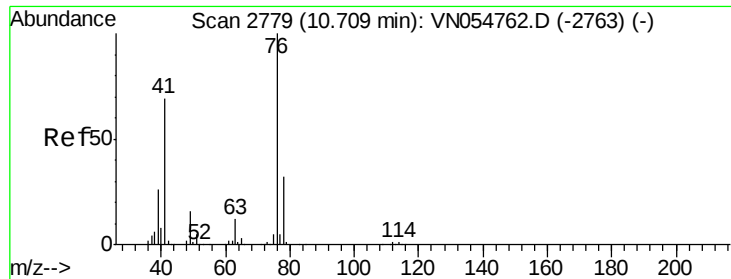


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

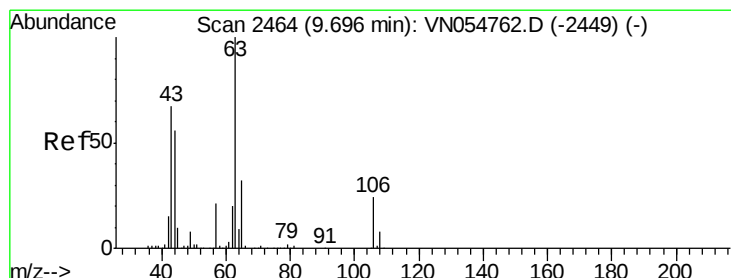
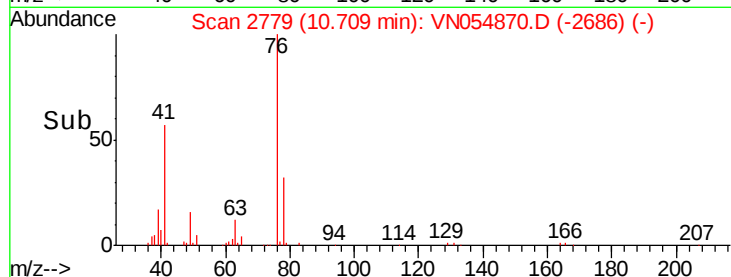
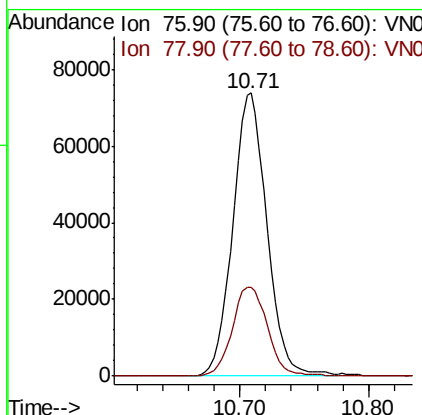
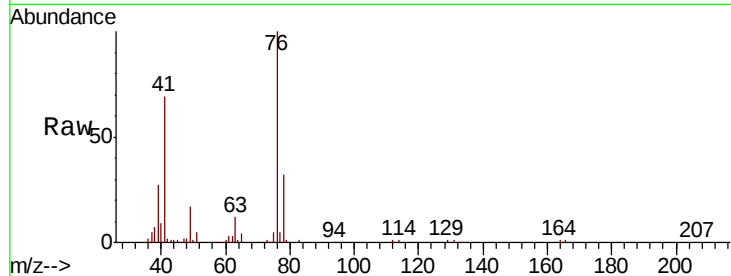




#57
 1,3-Dichloropropane
 Concen: 20.815 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

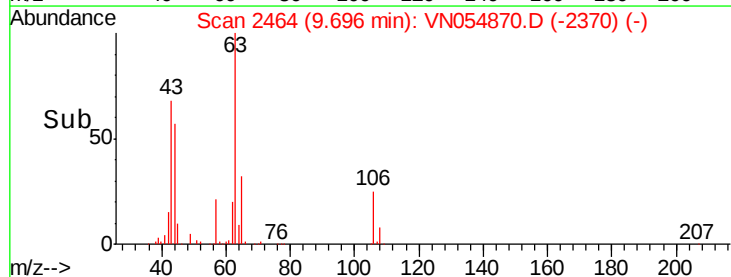
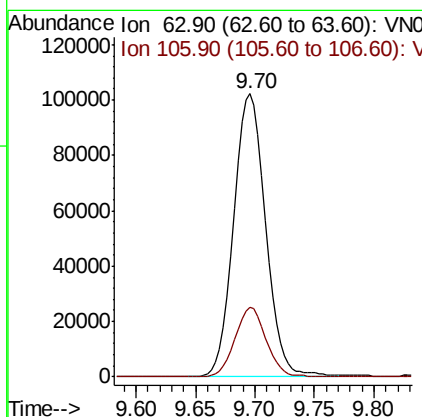
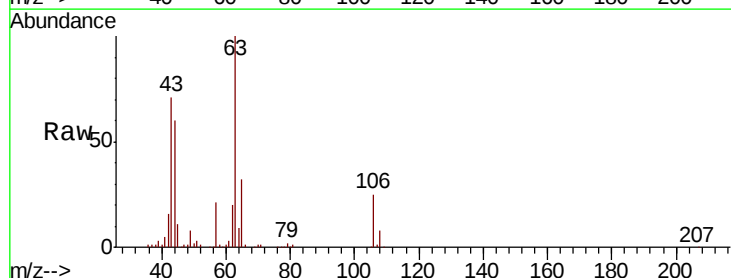
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

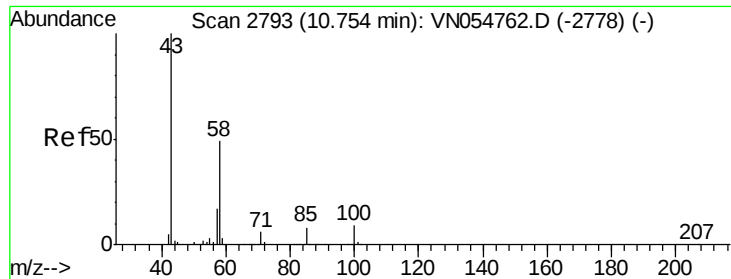
Tot Ion: 76 Resp: 135460
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.971 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion: 63 Resp: 191046
 Ion Ratio Lower Upper
 63 100
 106 24.0 24.4 36.6#

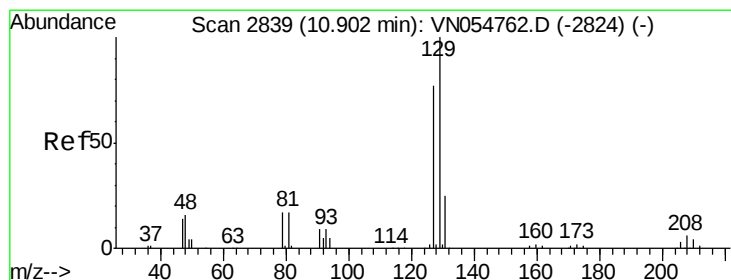
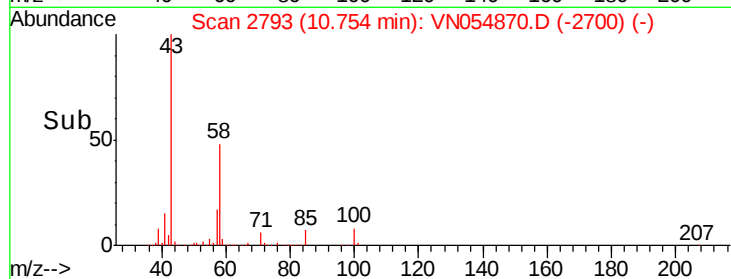
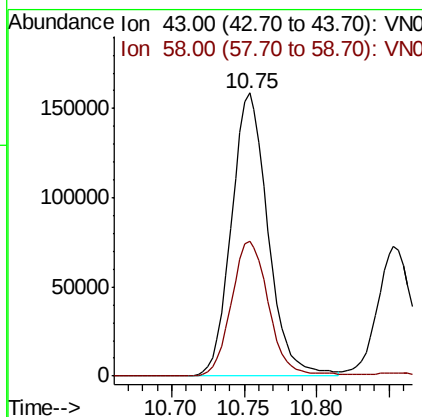
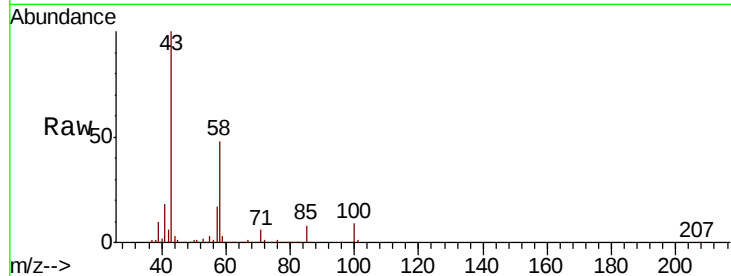




#59
2-Hexanone
Concen: 107.319 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

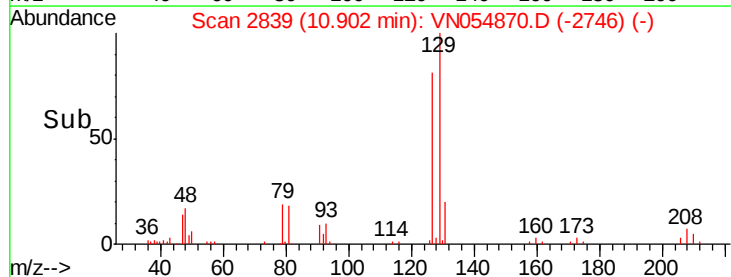
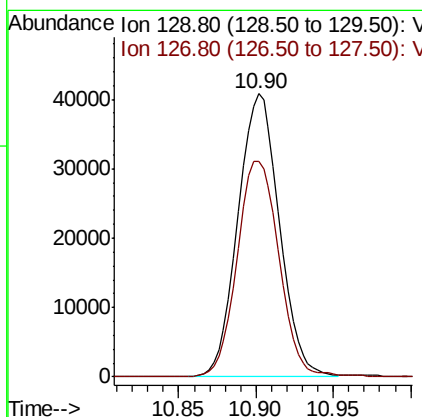
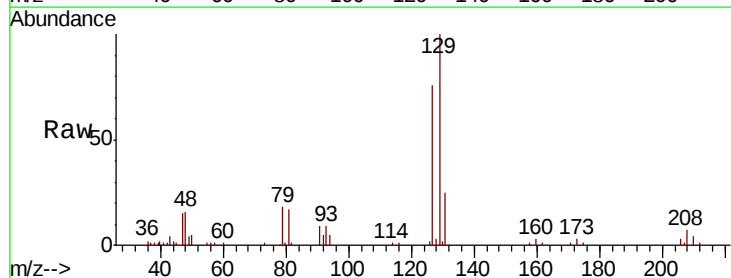
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

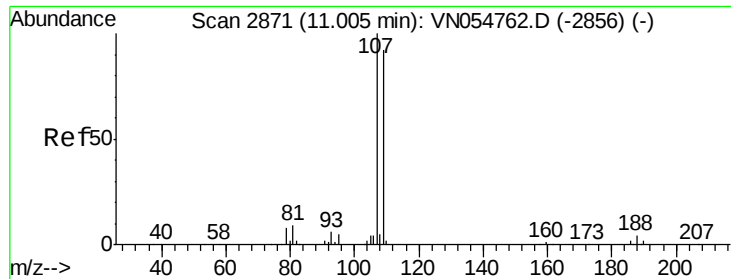
Tot Ion: 43 Resp: 275185
Ion Ratio Lower Upper
43 100
58 49.4 28.0 83.9



#60
Dibromochloromethane
Concen: 19.838 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 129 Resp: 76070
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8

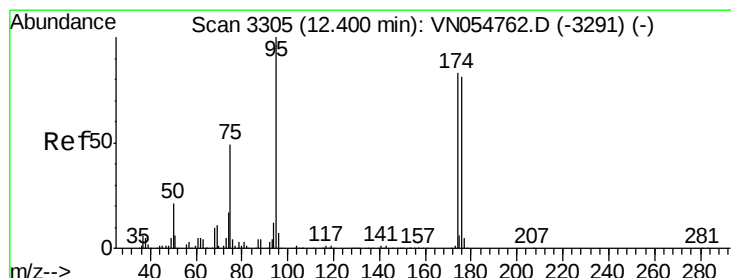
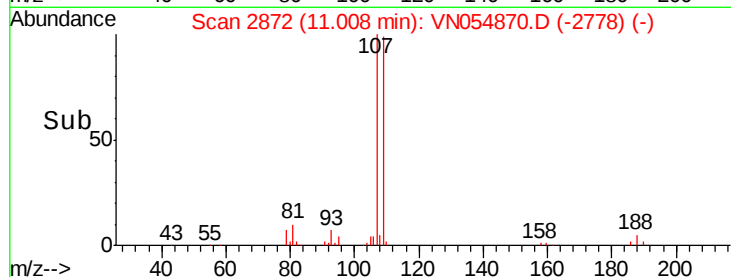
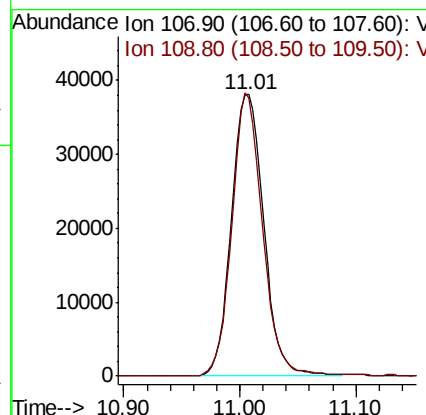
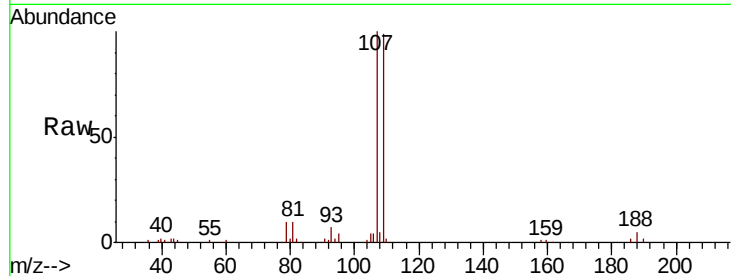




#61
 1,2-Dibromoethane
 Concen: 20.278 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

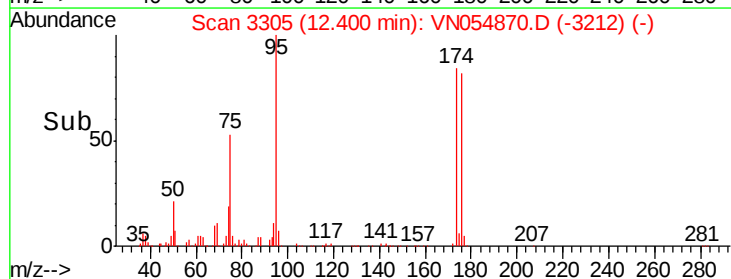
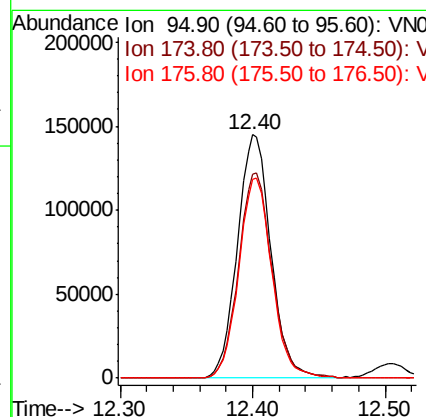
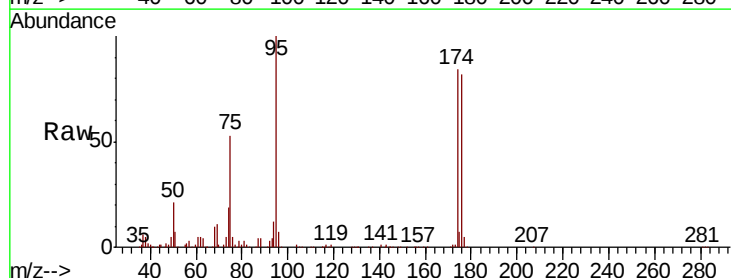
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

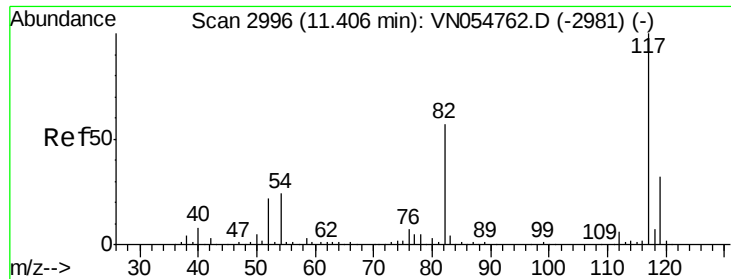
Tot Ion:107 Resp: 73357
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.129 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion: 95 Resp: 254575
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 191.0
 176 81.1 0.0 187.4

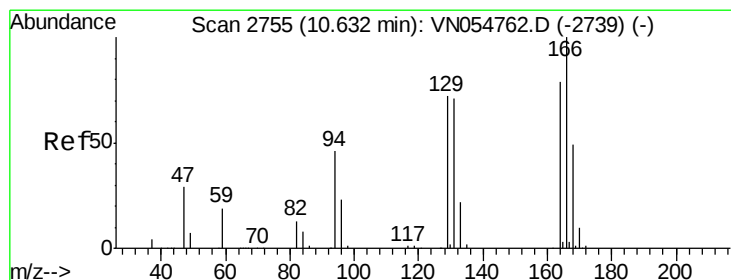
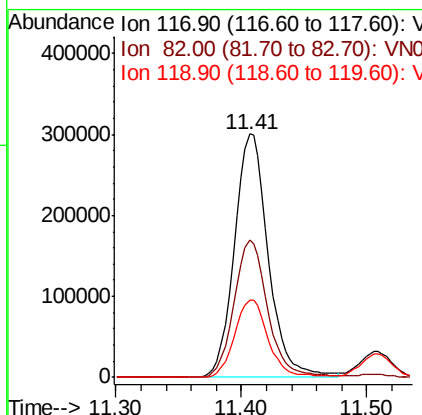
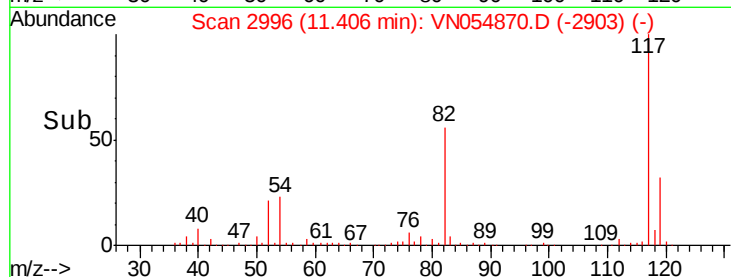
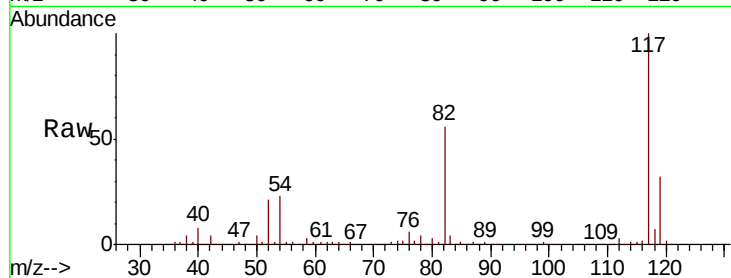




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

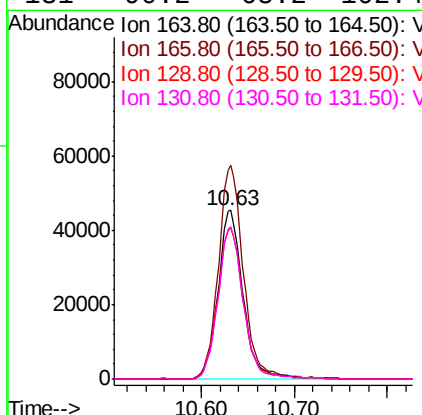
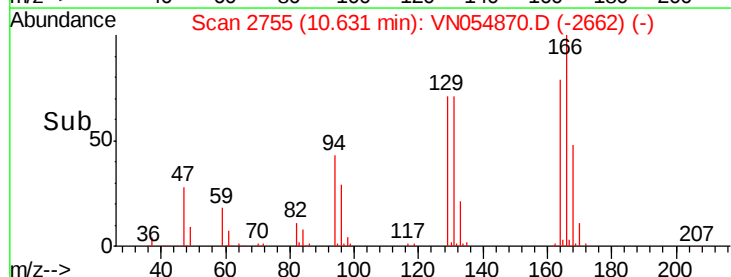
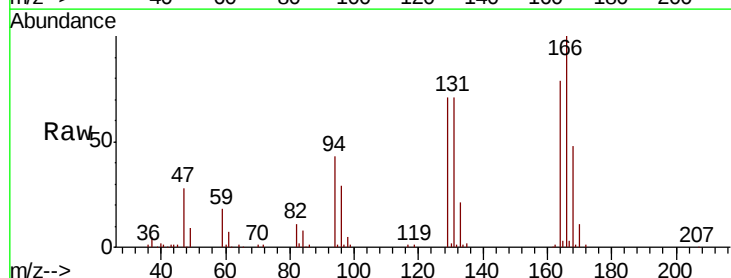
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

Tot Ion:117 Resp: 563073
Ion Ratio Lower Upper
117 100
82 56.5 40.0 60.0
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 19.646 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion:164 Resp: 84886
Ion Ratio Lower Upper
164 100
166 126.4 103.9 155.9
129 89.7 71.1 106.7
131 90.2 68.2 102.4

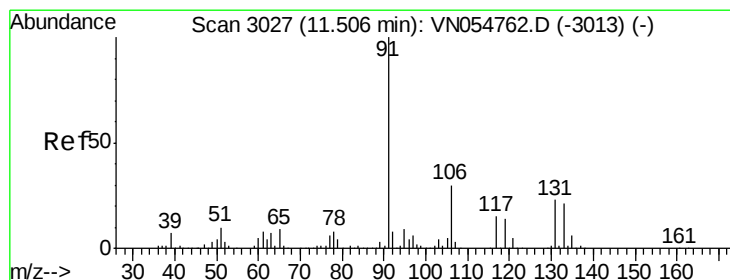
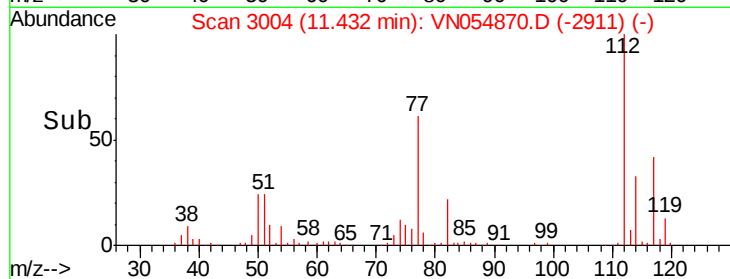
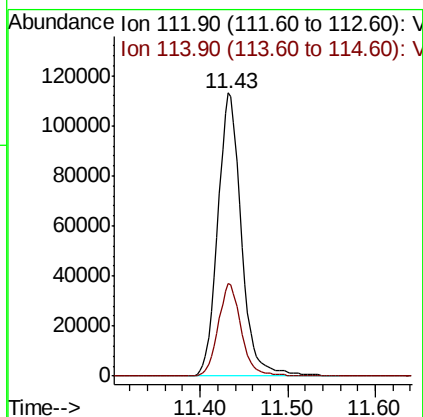
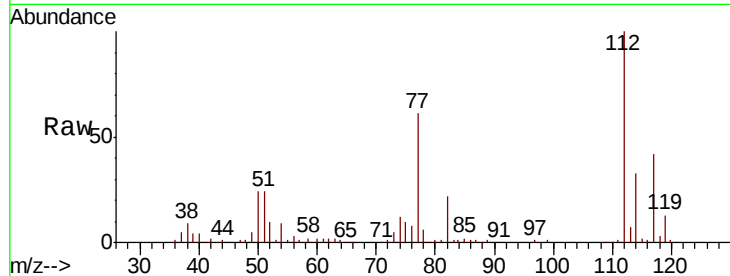




#65
Chlorobenzene
Concen: 19.220 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

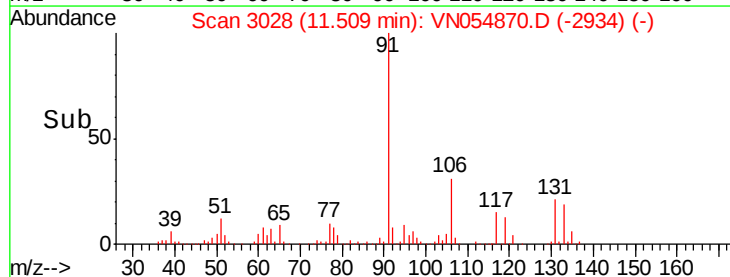
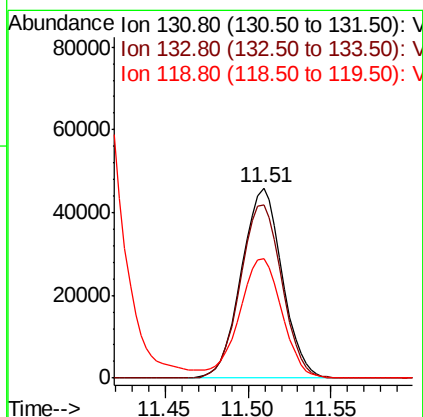
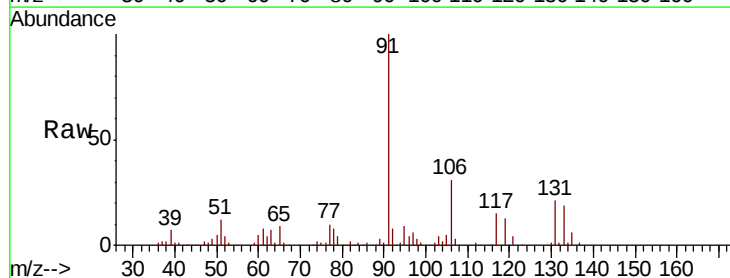
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

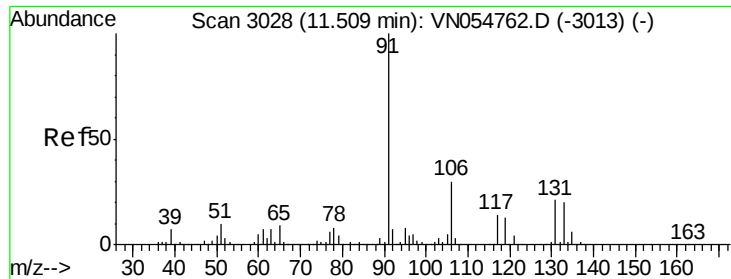
Tot Ion:112 Resp: 211892
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.042 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion:131 Resp: 78574
Ion Ratio Lower Upper
131 100
133 93.1 47.6 142.9
119 66.2 32.4 97.0

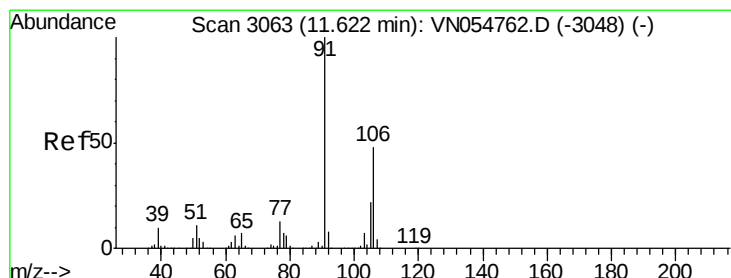
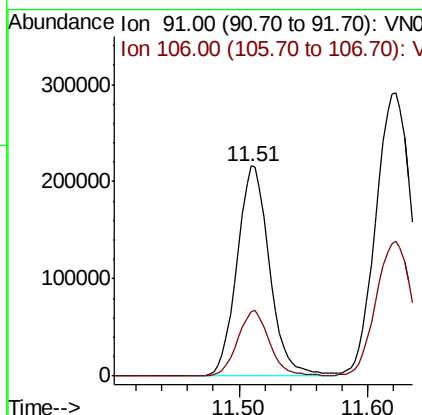
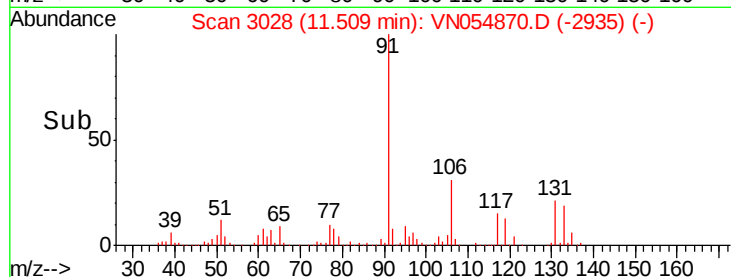
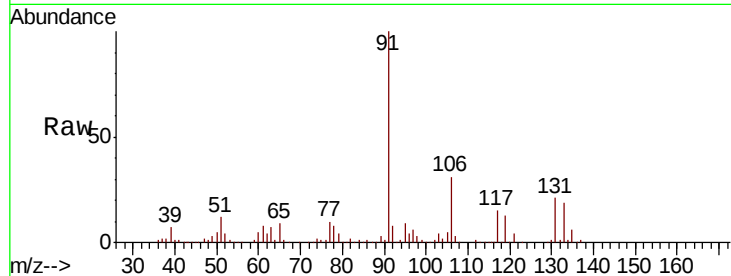




#67
Ethyl Benzene
Concen: 19.116 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

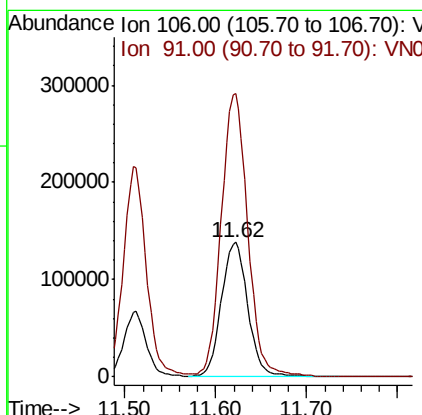
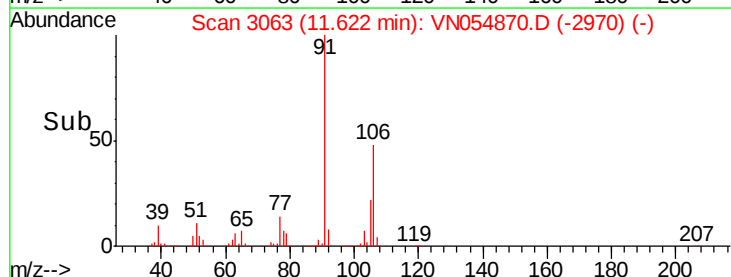
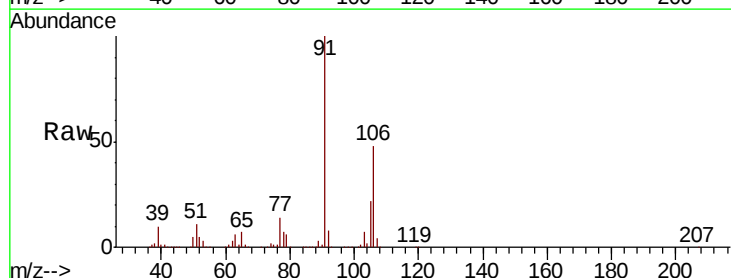
Instrument :
MSVOA_N
ClientSampled :
VN0401WBS01

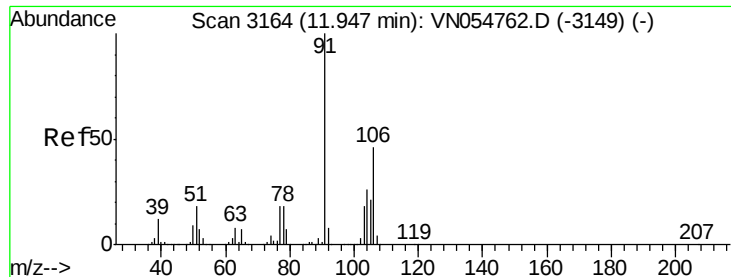
Tot Ion: 91 Resp: 380298
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3



#68
m/p-Xylenes
Concen: 38.336 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion: 106 Resp: 282230
Ion Ratio Lower Upper
106 100
91 209.3 159.4 239.2

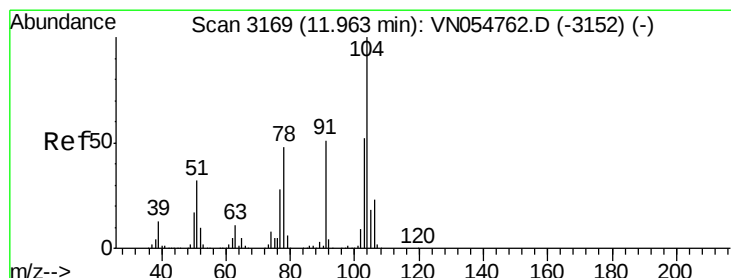
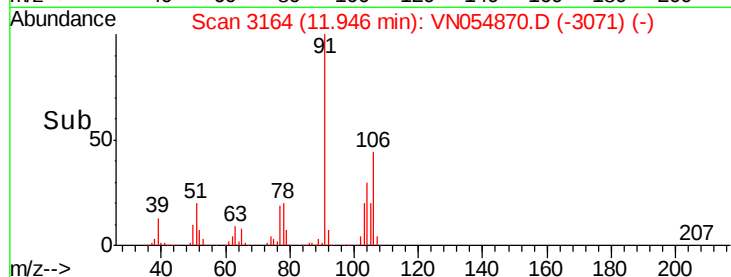
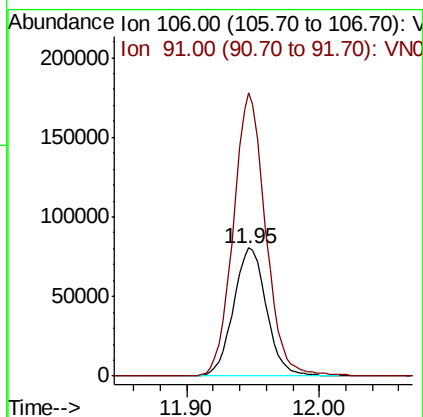
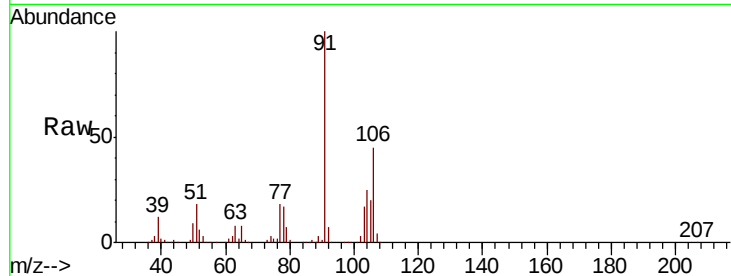




#69
o-Xylene
Concen: 19.320 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

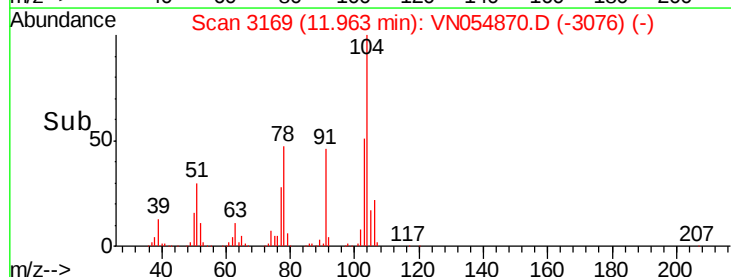
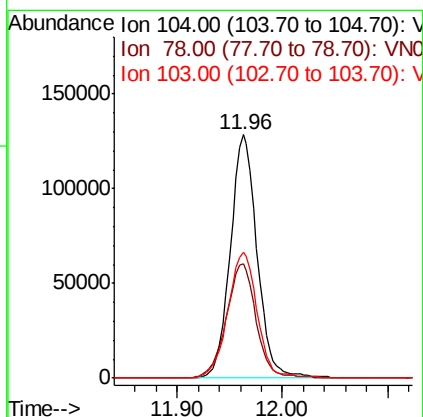
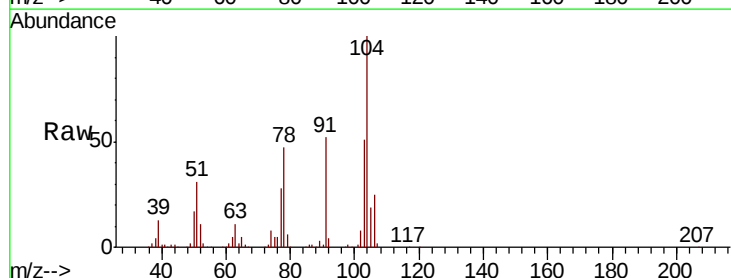
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

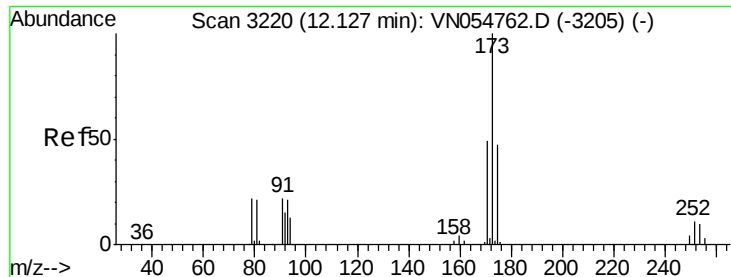
Tot Ion:106 Resp: 139476
Ion Ratio Lower Upper
106 100
91 215.7 105.7 317.1



#70
Styrene
Concen: 19.535 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion:104 Resp: 225490
Ion Ratio Lower Upper
104 100
78 52.4 38.2 57.2
103 56.9 44.4 66.6

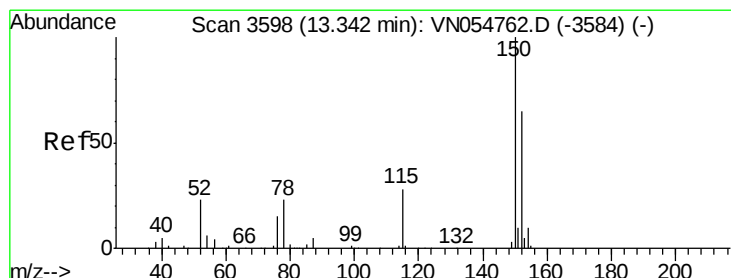
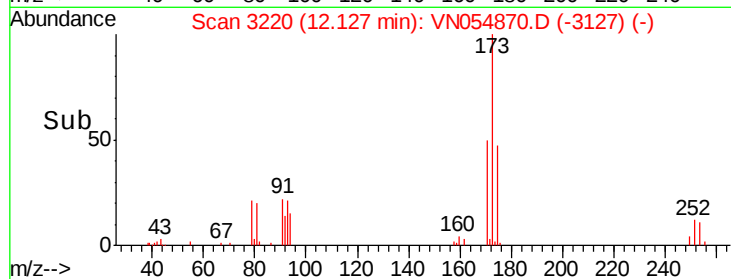
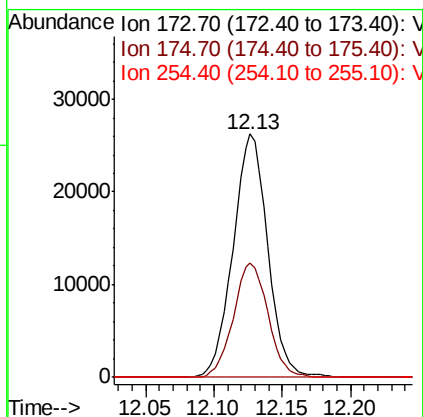
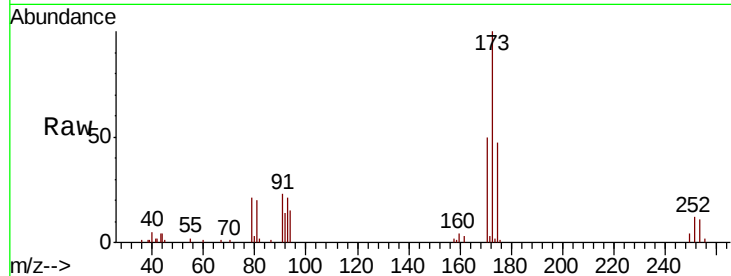




#71
Bromoform
Concen: 19.151 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

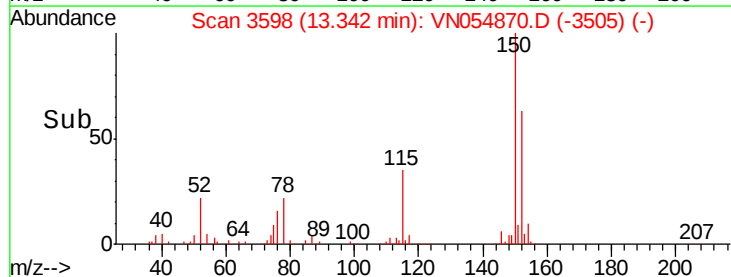
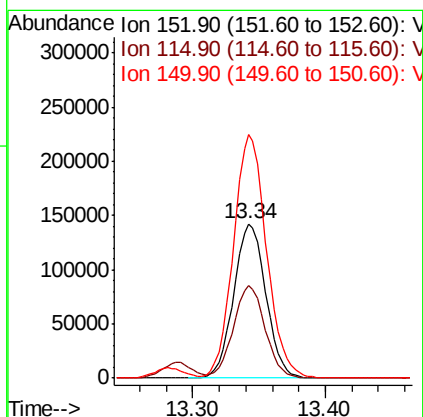
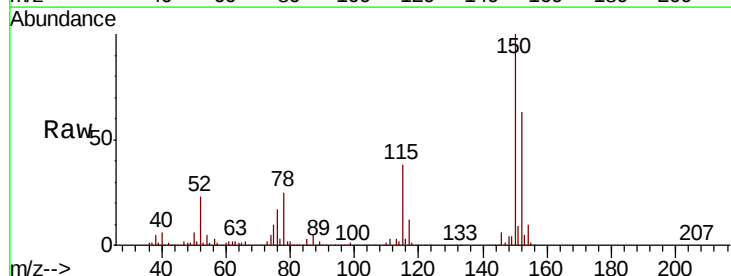
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

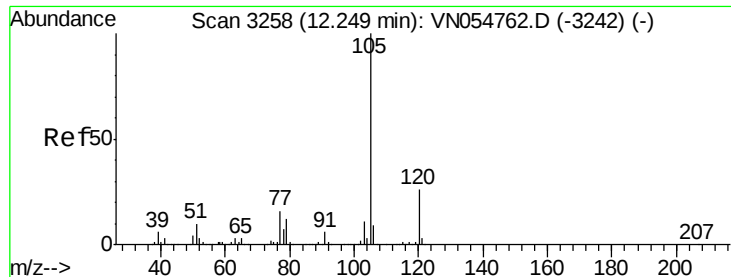
Tot Ion:173 Resp: 46295
Ion Ratio Lower Upper
173 100
175 46.8 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion:152 Resp: 239050
Ion Ratio Lower Upper
152 100
115 59.3 27.2 81.6
150 162.0 0.0 349.2





#73

Isopropylbenzene

Concen: 18.635 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

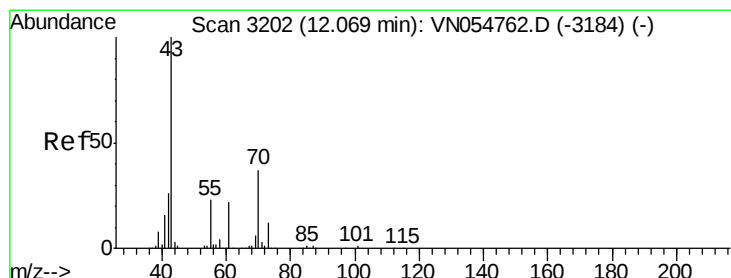
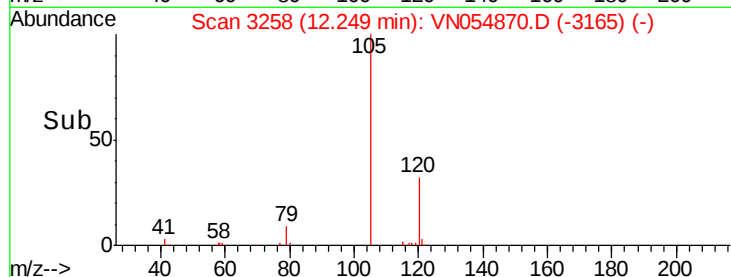
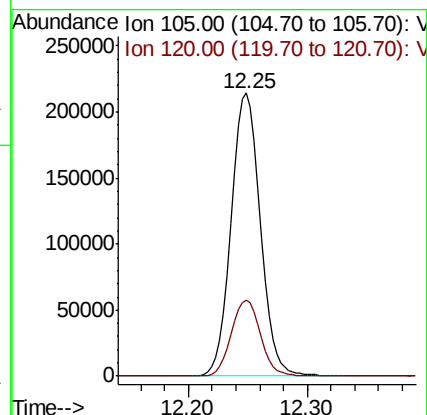
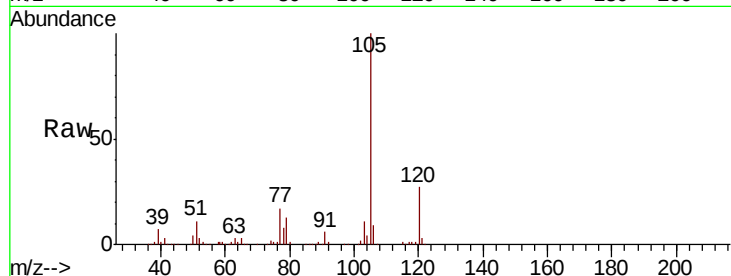
VN0401WBS01

Tot Ion:105 Resp: 364116

Ion Ratio Lower Upper

105 100

120 27.0 13.8 41.3



#74

N-ethyl acetate

Concen: 19.185 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Tgt Ion: 43 Resp: 116782

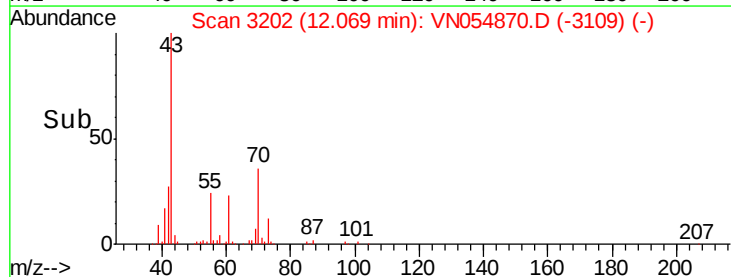
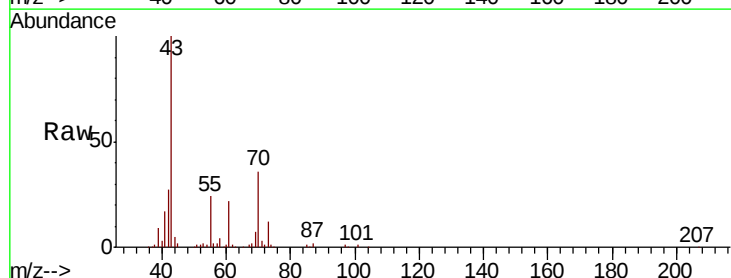
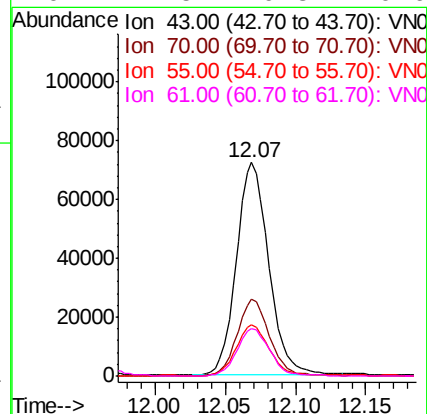
Ion Ratio Lower Upper

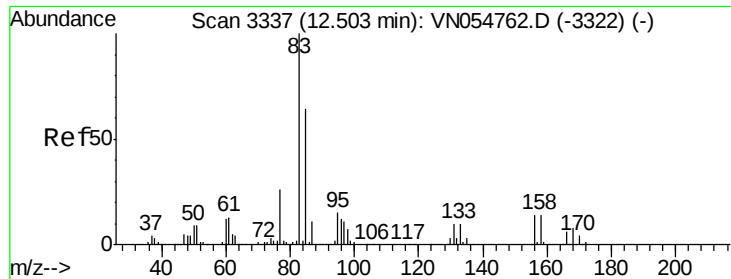
43 100

70 36.3 35.4 53.0

55 25.1 19.8 29.6

61 22.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.252 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

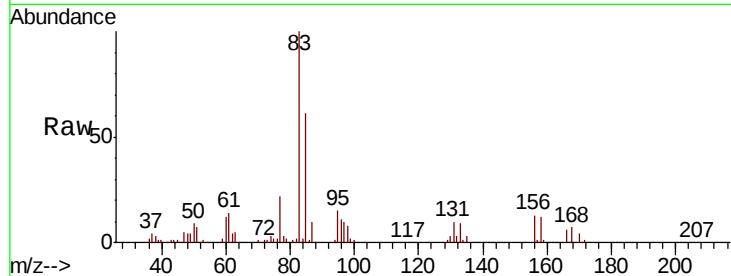
Tot Ion: 83 Resp: 95778

Ion Ratio Lower Upper

83 100

131 10.4 5.8 17.4

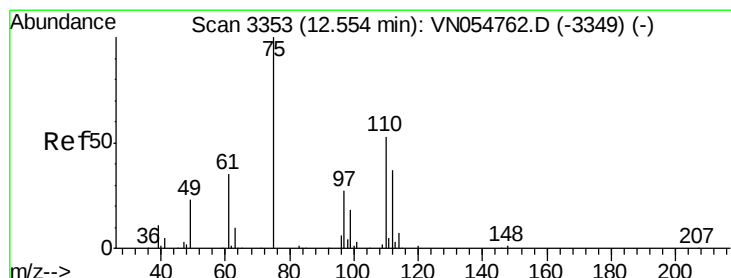
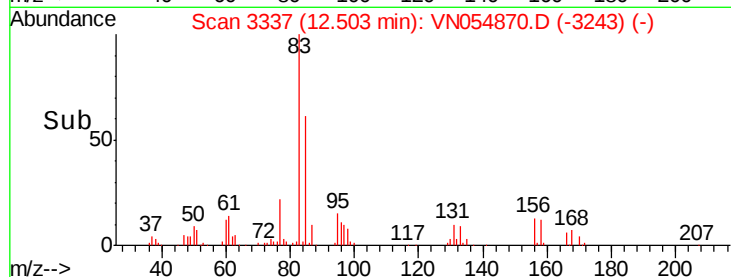
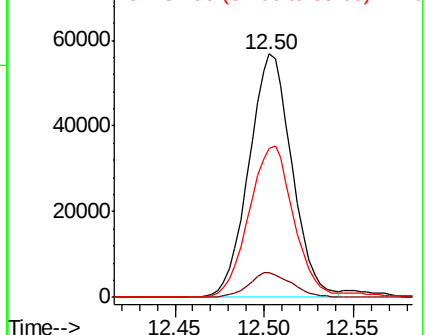
85 64.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.797 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054870.D

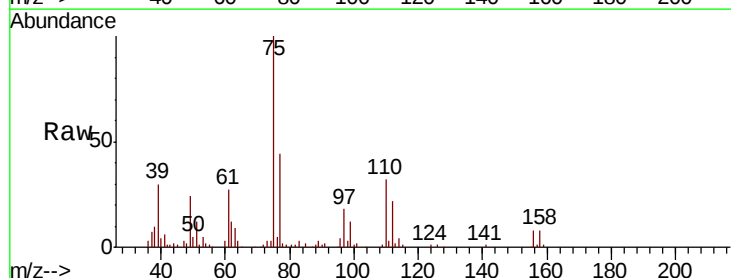
Acq: 1 Apr 2019 13:18

Tgt Ion: 75 Resp: 111283

Ion Ratio Lower Upper

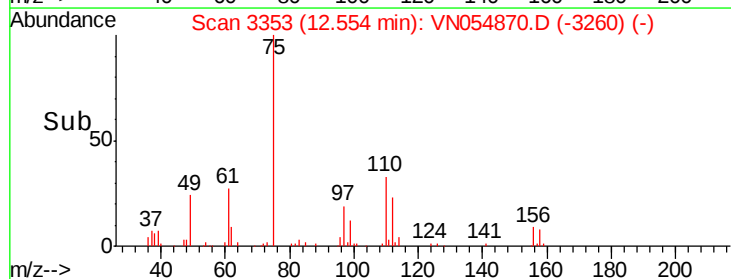
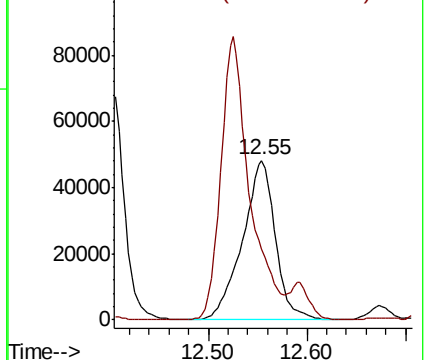
75 100

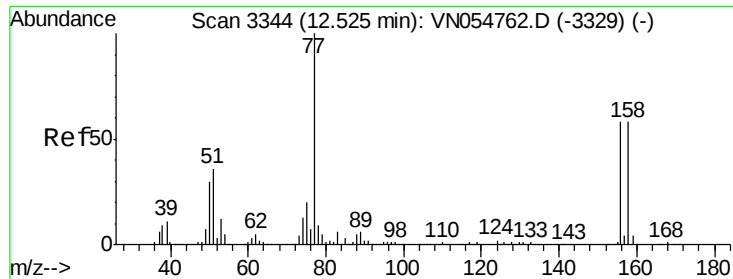
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.380 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampled :

VN0401WBS01

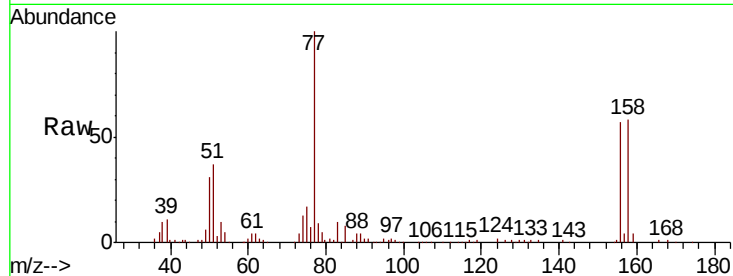
Tot Ion:156 Resp: 91388

Ion Ratio Lower Upper

156 100

77 191.9 81.5 244.4

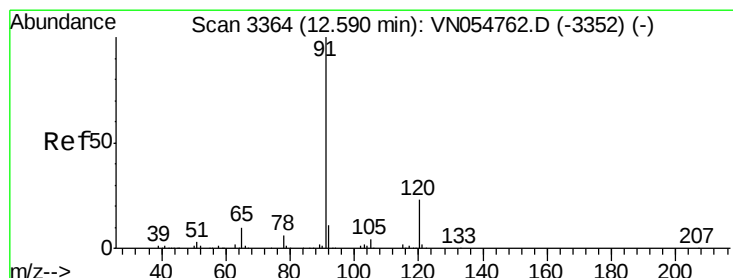
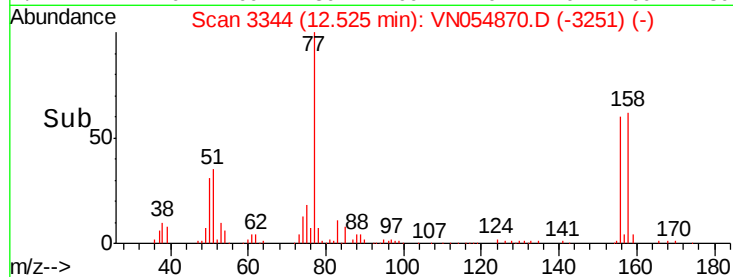
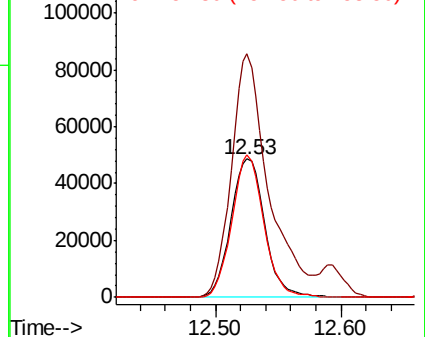
158 96.8 49.0 147.2



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: 18.799 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054870.D

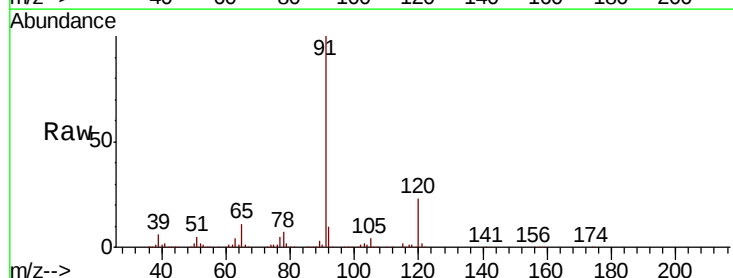
Acq: 1 Apr 2019 13:18

Tgt Ion: 91 Resp: 403710

Ion Ratio Lower Upper

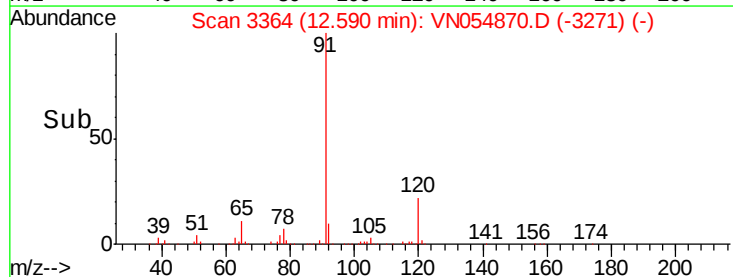
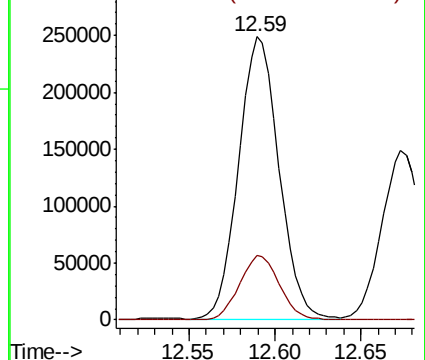
91 100

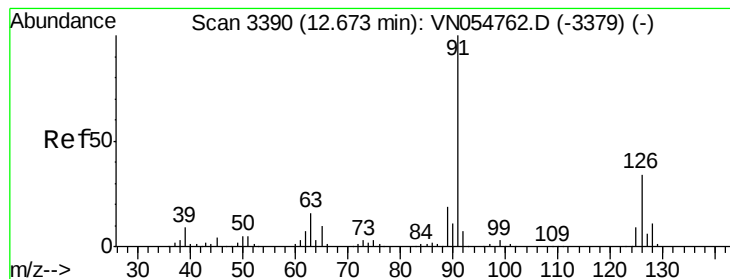
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.699 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

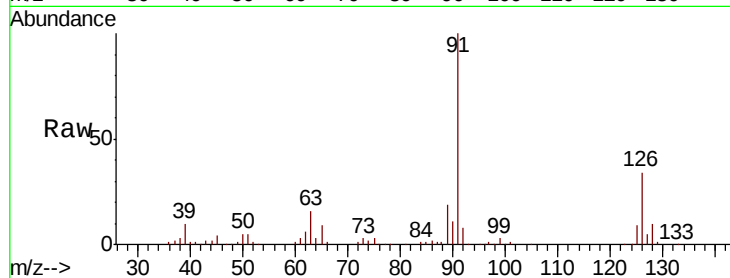
VN0401WBS01

Tot Ion: 91 Resp: 248434

Ion Ratio Lower Upper

91 100

126 34.7 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054870.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN054870.D (-3297) (-)

12.67

150000

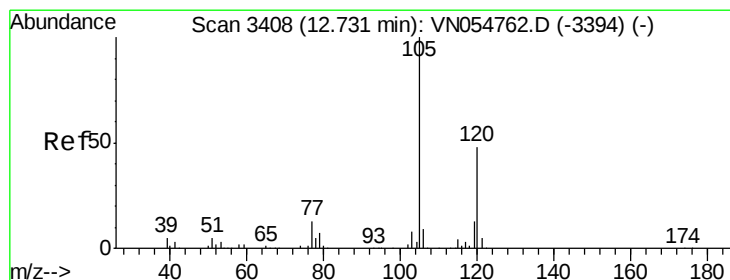
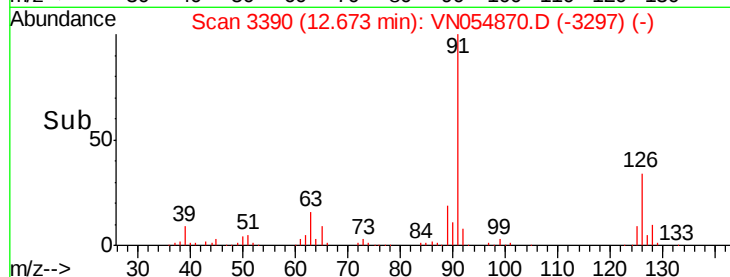
100000

50000

0

12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.124 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054870.D

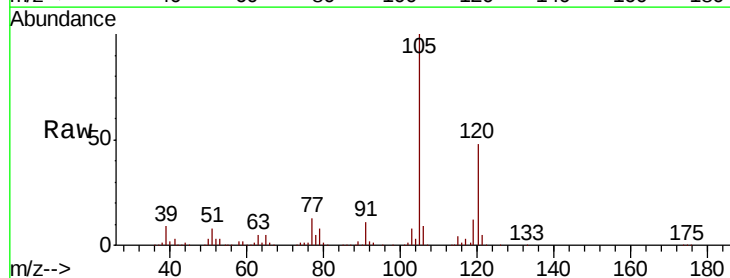
Acq: 1 Apr 2019 13:18

Tgt Ion:105 Resp: 306599

Ion Ratio Lower Upper

105 100

120 47.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054870.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN054870.D (-3315) (-)

12.73

200000

150000

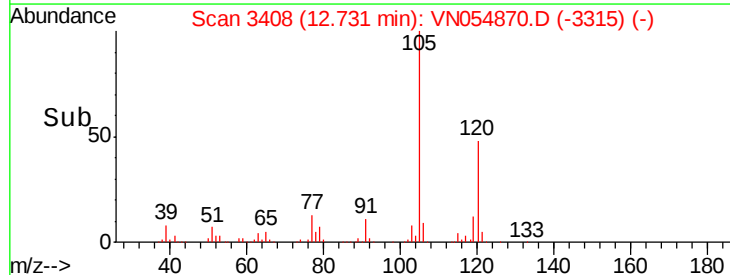
100000

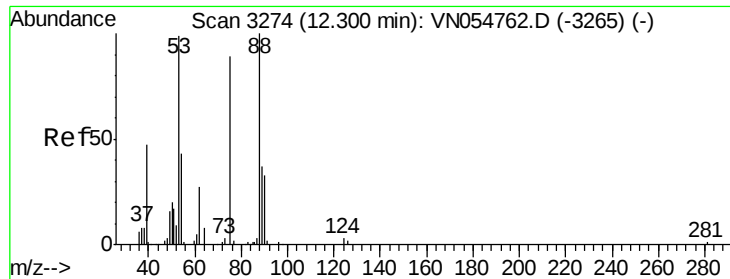
50000

0

12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.221 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

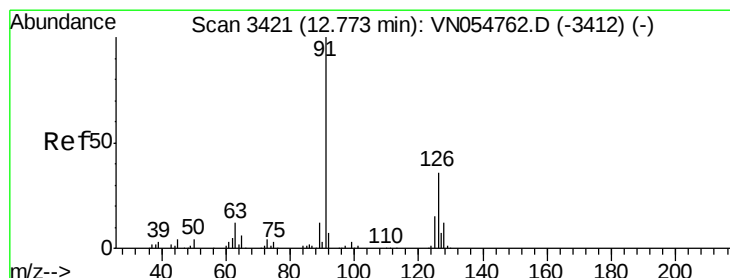
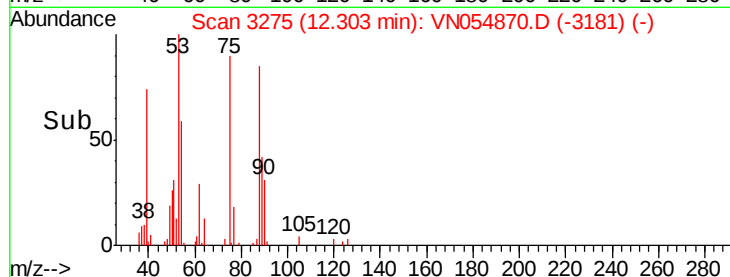
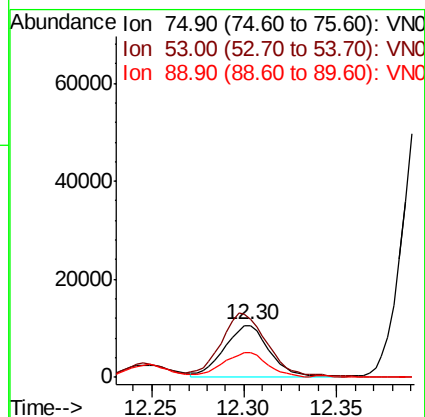
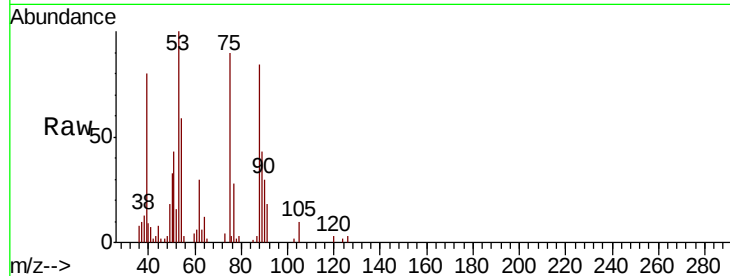
Tot Ion: 75 Resp: 17318

Ion Ratio Lower Upper

75 100

53 133.4 76.2 114.2#

89 46.7 39.2 58.8



#82

4-Chlorotoluene

Concen: 18.459 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054870.D

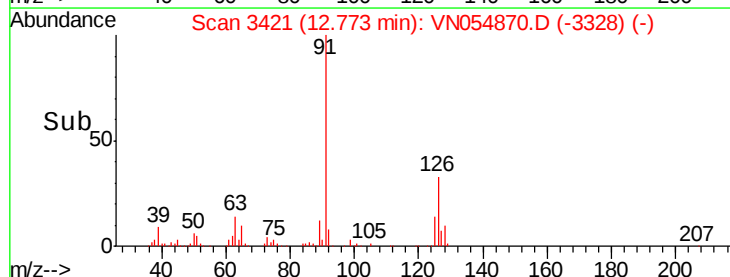
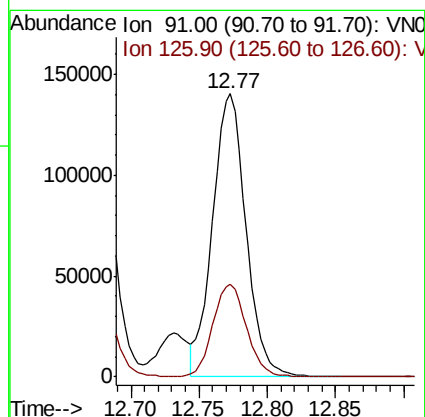
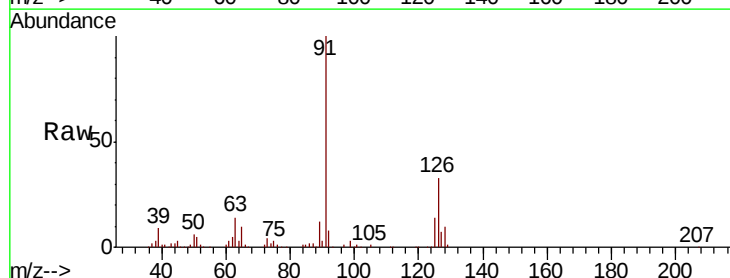
Acq: 1 Apr 2019 13:18

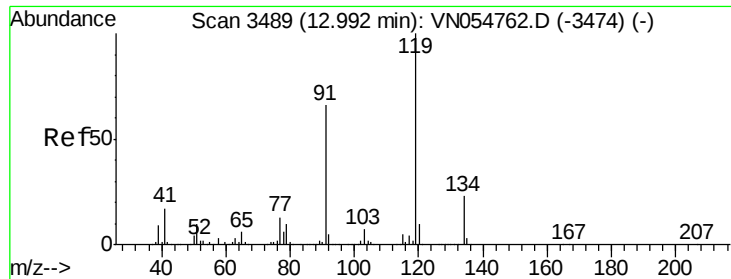
Tgt Ion: 91 Resp: 238209

Ion Ratio Lower Upper

91 100

126 33.2 18.1 54.1

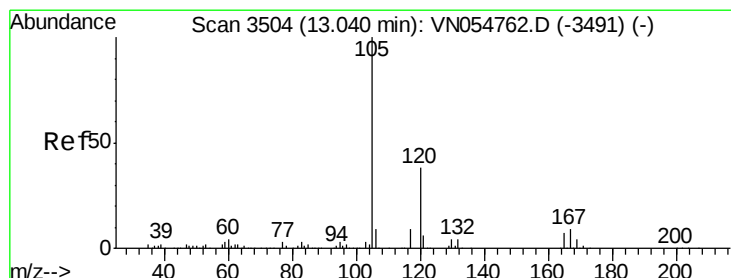
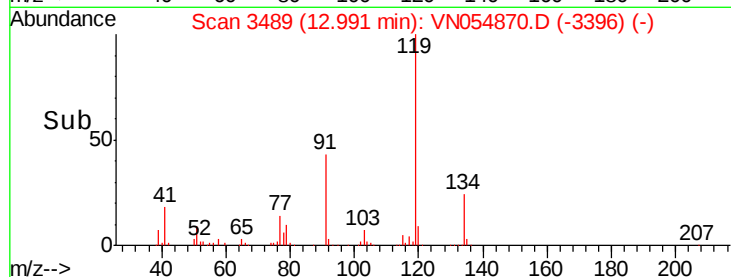
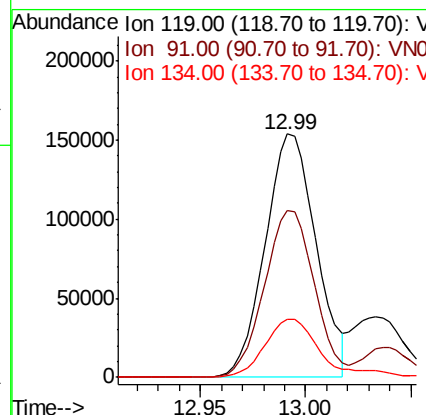
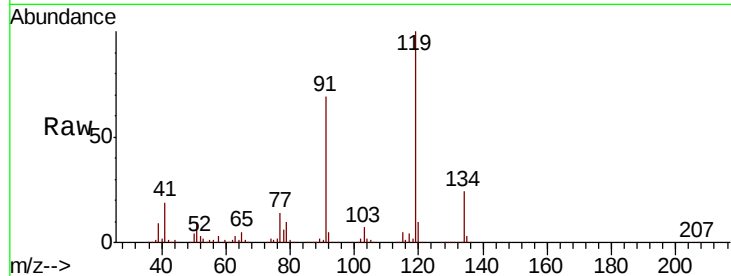




#83
tert-Butylbenzene
Concen: 19.531 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

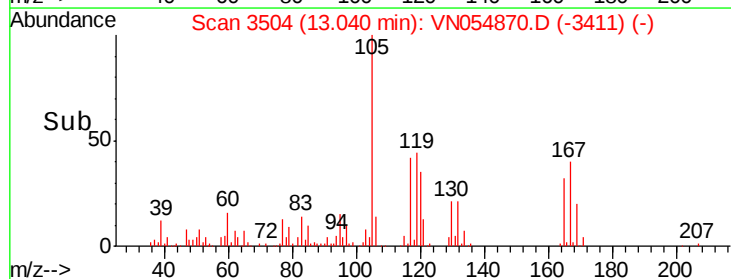
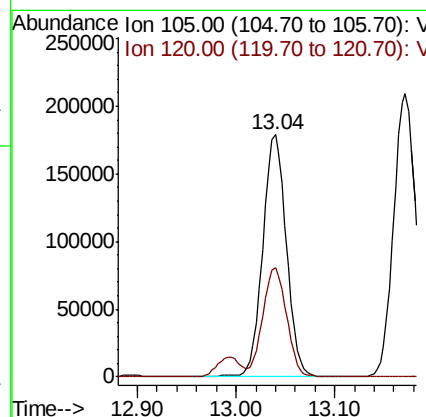
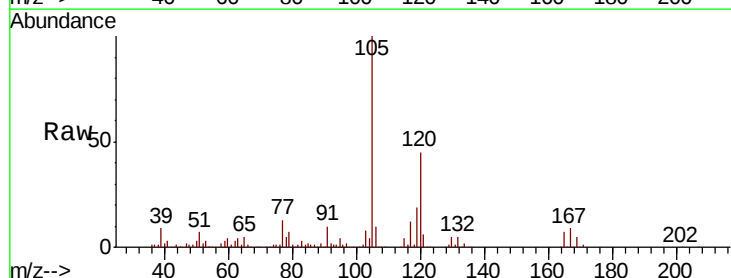
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBS01

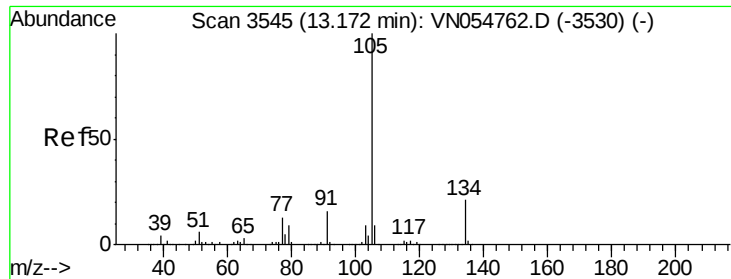
Tot Ion:119 Resp: 258411
Ion Ratio Lower Upper
119 100
91 67.4 30.9 92.8
134 26.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.334 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054870.D
Acq: 1 Apr 2019 13:18

Tgt Ion:105 Resp: 295306
Ion Ratio Lower Upper
105 100
120 45.6 23.4 70.3





#85

sec-Butylbenzene

Concen: 19.090 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

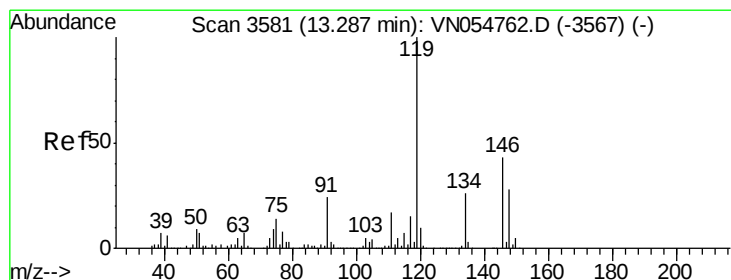
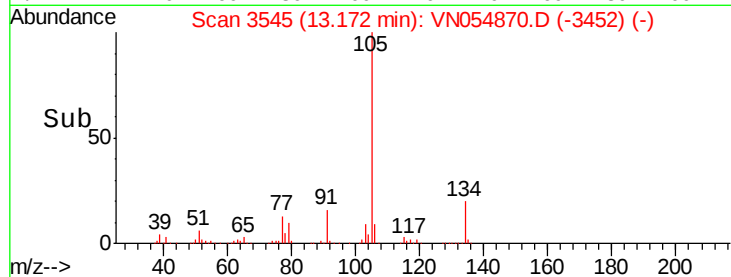
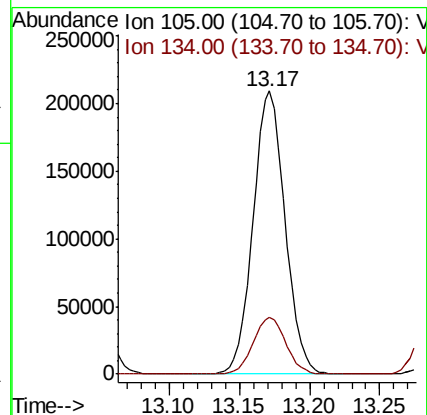
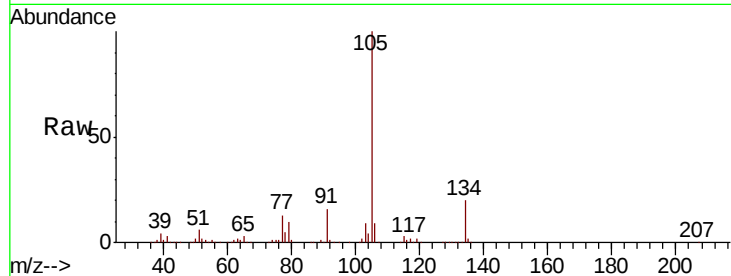
VN0401WBS01

Tot Ion:105 Resp: 332473

Ion Ratio Lower Upper

105 100

134 20.4 10.7 32.1



#86

p-Isopropyltoluene

Concen: 18.928 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

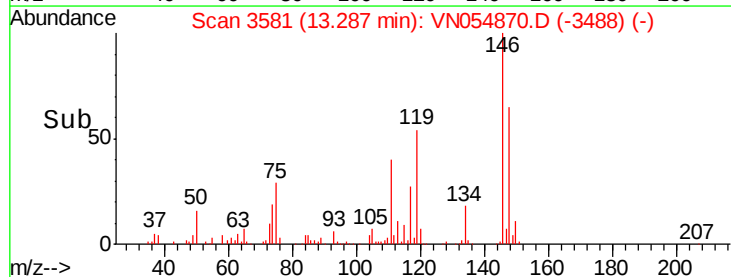
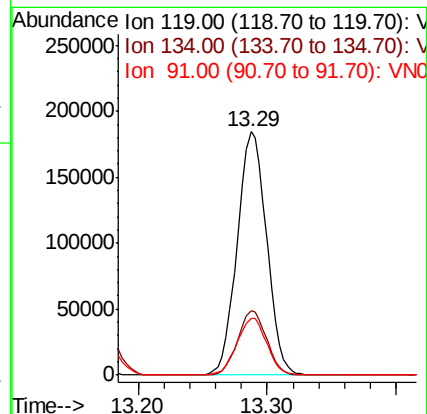
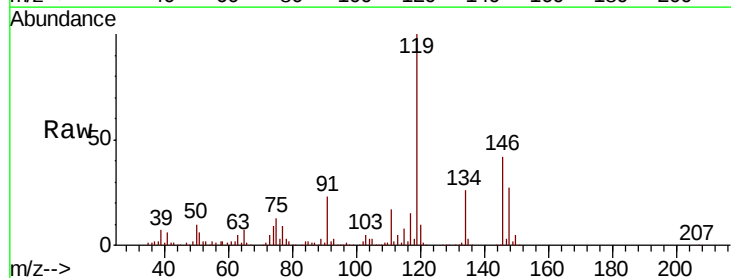
Tgt Ion:119 Resp: 290744

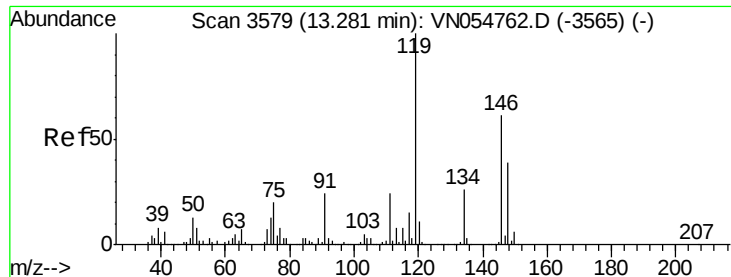
Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.8

91 23.6 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.898 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

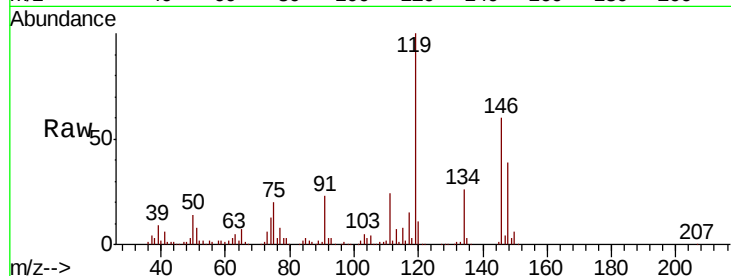
Tot Ion:146 Resp: 149202

Ion Ratio Lower Upper

146 100

111 40.2 18.8 56.3

148 64.1 32.2 96.6

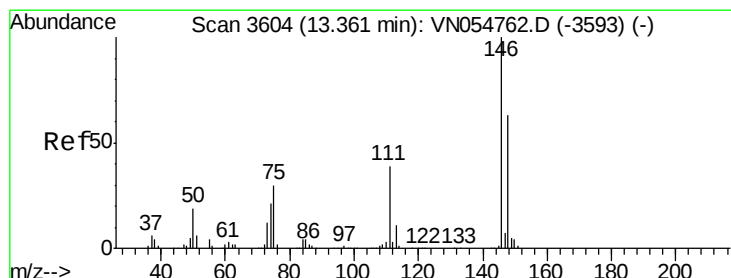
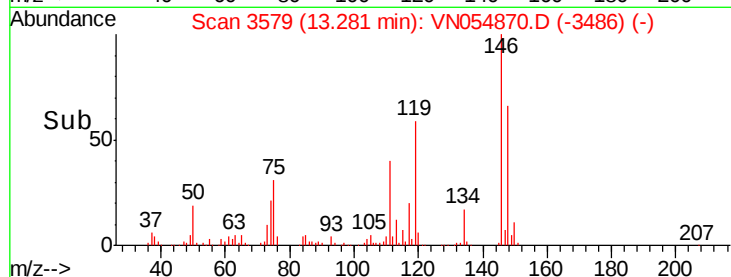
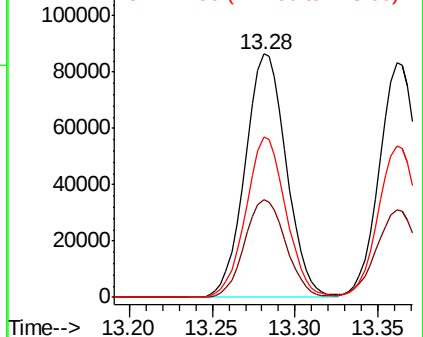


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 17.906 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

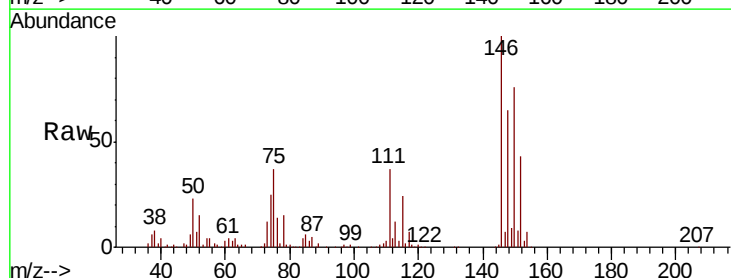
Tgt Ion:146 Resp: 138655

Ion Ratio Lower Upper

146 100

111 39.6 18.1 54.1

148 66.5 32.0 96.0

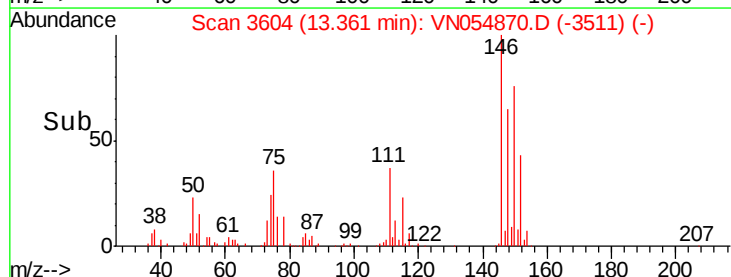
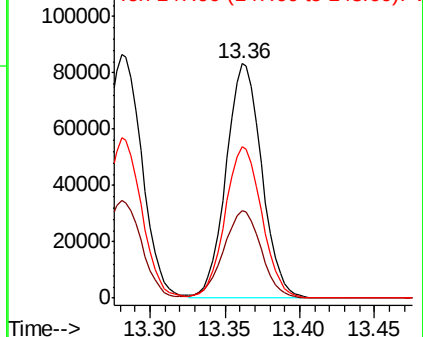


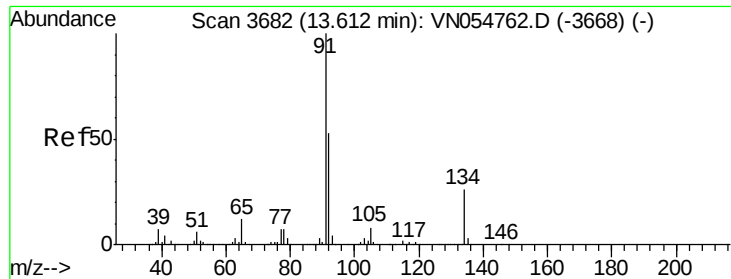
Abundance

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





#89

n-Butylbenzene

Concen: 17.551 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampled :

VN0401WBS01

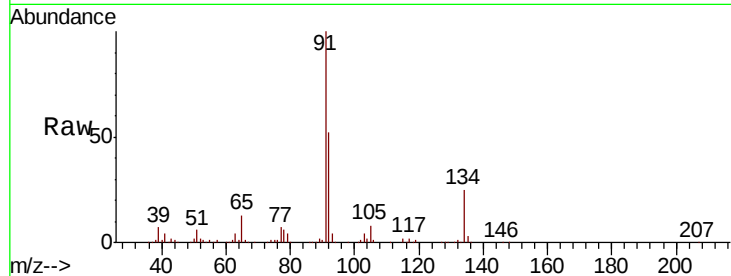
Tot Ion: 91 Resp: 219961

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.6

134 25.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054870.D (-3683) (-)

Ion 92.00 (91.70 to 92.70): VN054870.D (-3683) (-)

Ion 134.00 (133.70 to 134.70): VN054870.D (-3683) (-)

13.62

150000

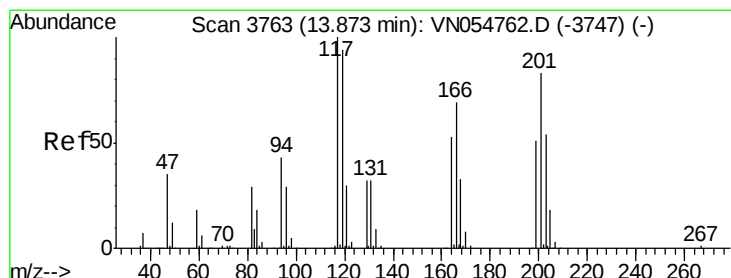
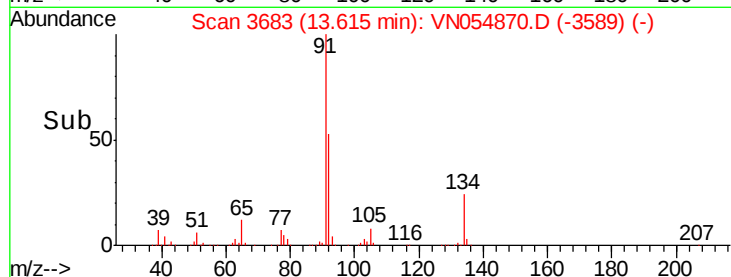
100000

50000

0

13.60 13.70

Time-->



#90

Hexachloroethane

Concen: 17.609 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054870.D

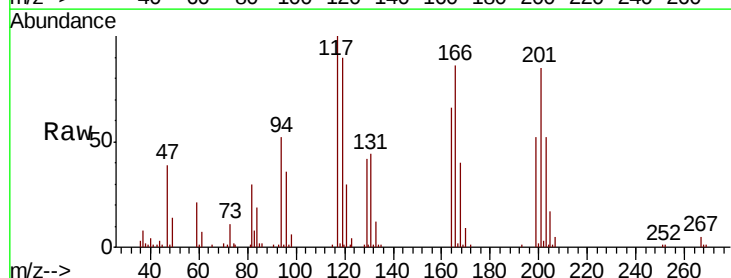
Acq: 1 Apr 2019 13:18

Tgt Ion: 117 Resp: 45926

Ion Ratio Lower Upper

117 100

201 85.7 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054870.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN054870.D (-3763) (-)

13.87

30000

25000

20000

15000

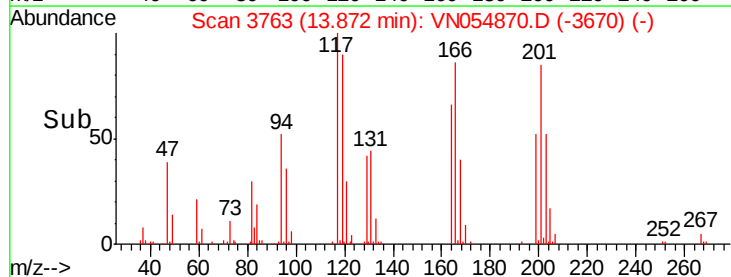
10000

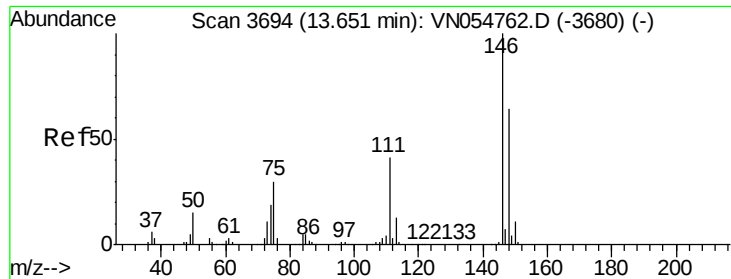
5000

0

13.80 13.85 13.90

Time-->

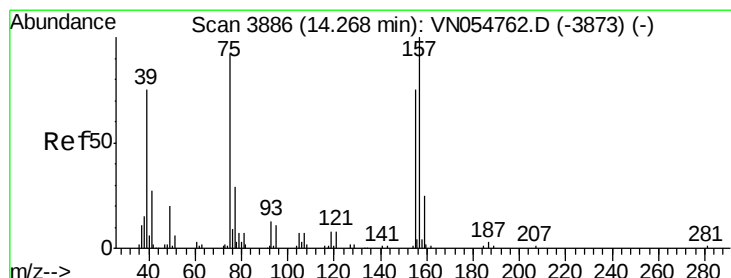
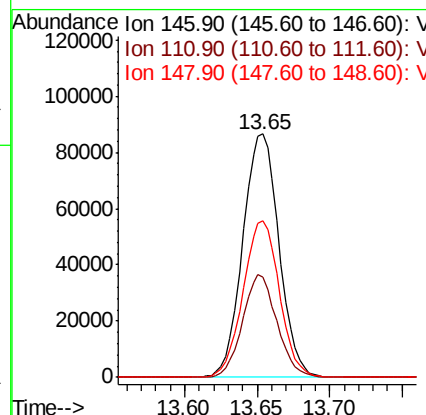
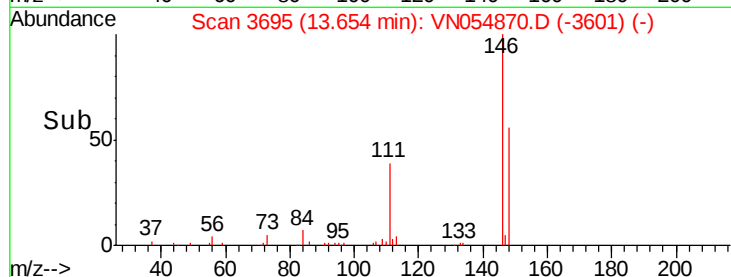
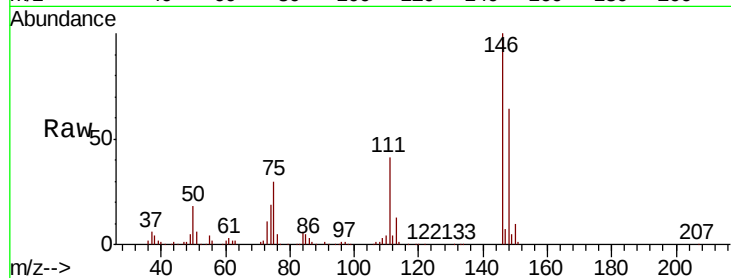




#91
 1,2-Dichlorobenzene
 Concen: 18.858 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

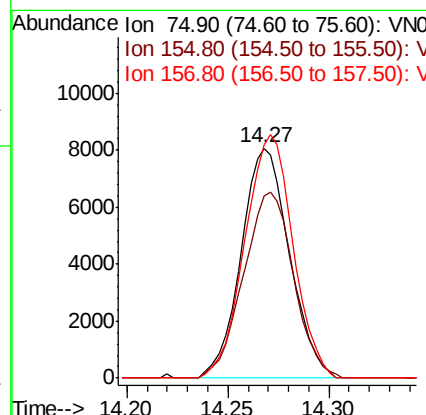
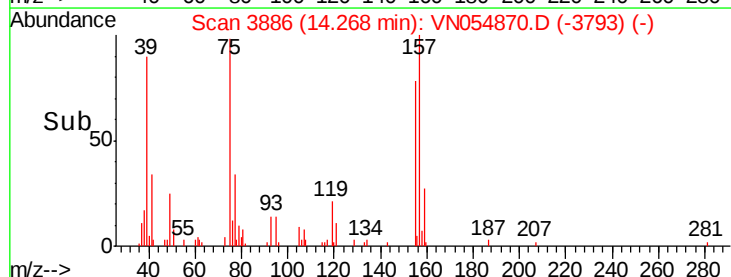
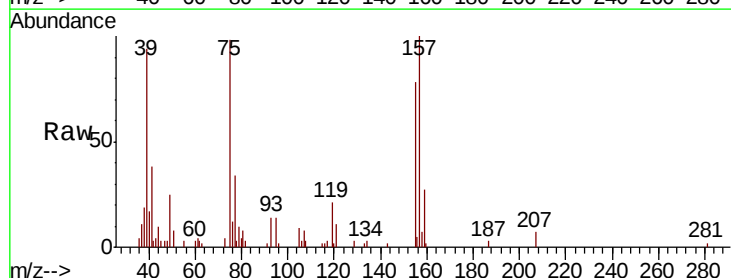
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

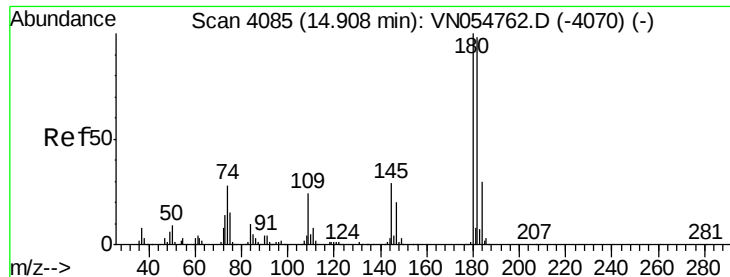
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.3
148	64.5	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.247 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	50.1	150.3
157	105.7	63.1	189.3

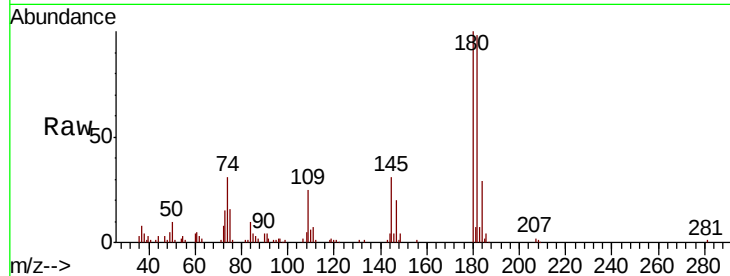




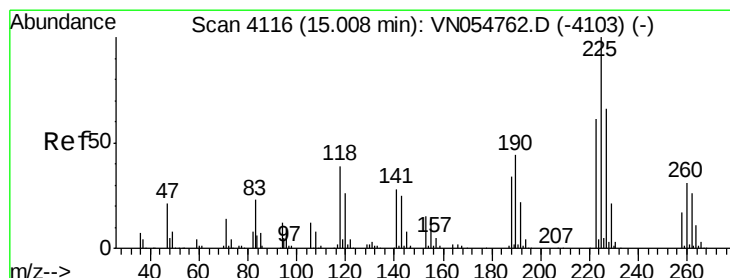
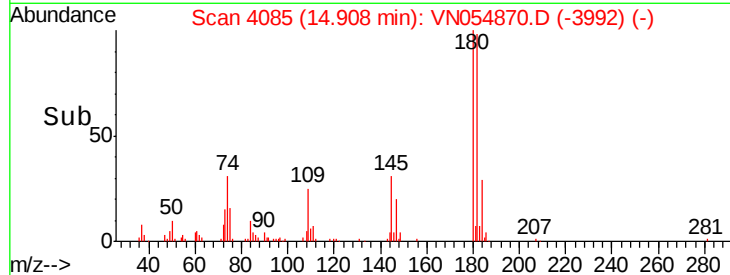
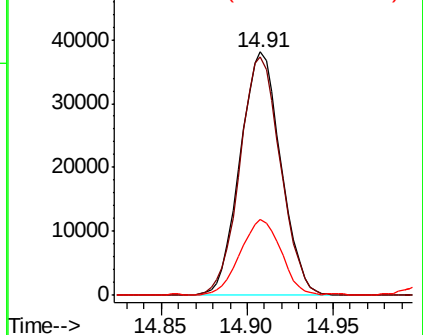
#93
 1,2,4-Trichlorobenzene
 Concen: 16.287 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

Tot Ion:180 Resp: 62564
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.0 144.2
 145 31.3 14.2 42.8

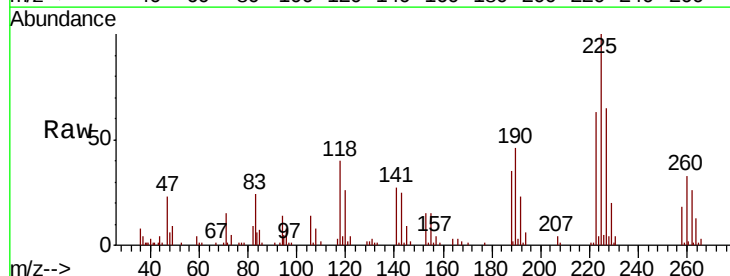


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

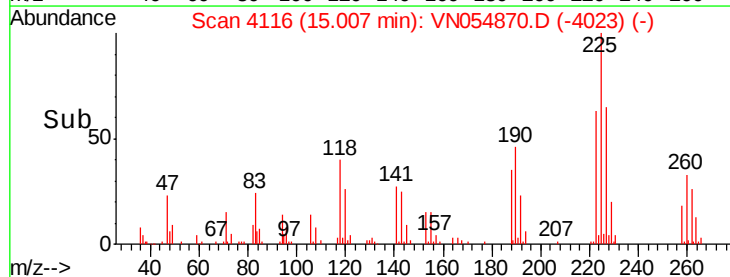
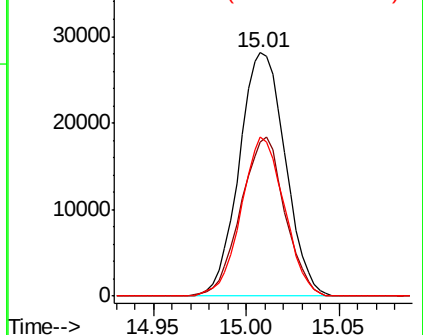


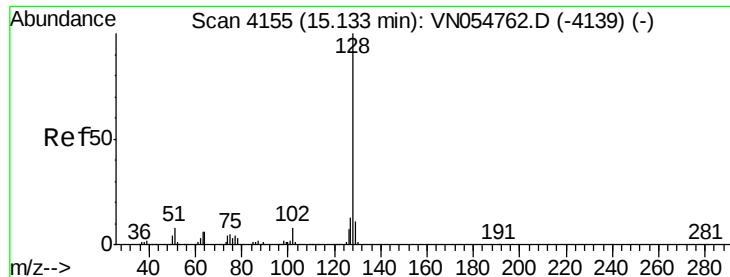
#94
 Hexachlorobutadiene
 Concen: 20.013 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054870.D
 Acq: 1 Apr 2019 13:18

Tgt Ion:225 Resp: 48399
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.5
 227 61.1 31.9 95.9



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: 17.016 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBS01

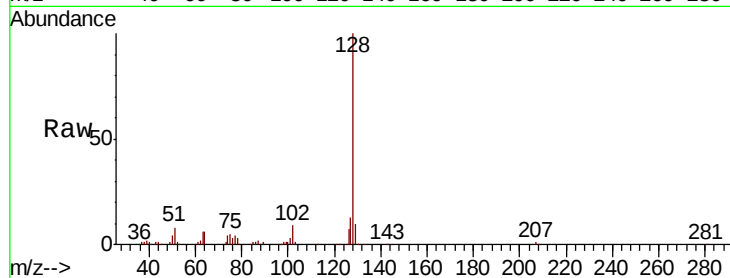
Tot Ion:128 Resp: 146606

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

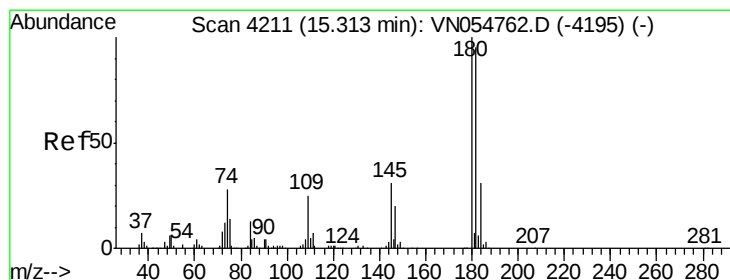
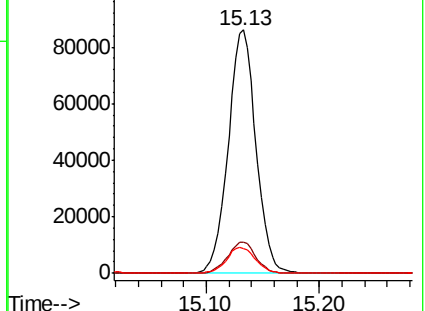
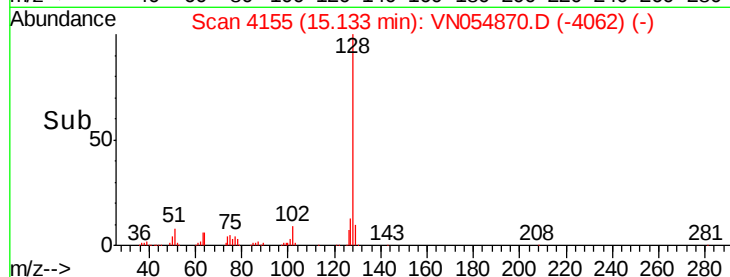
129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.022 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054870.D

Acq: 1 Apr 2019 13:18

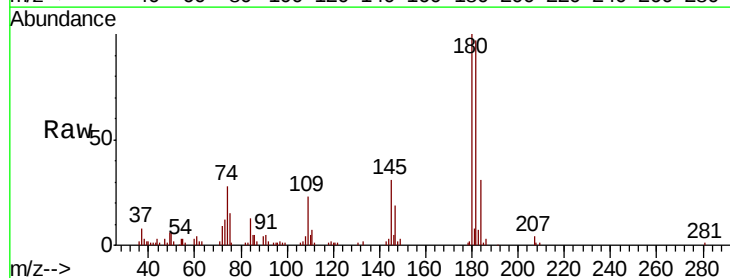
Tgt Ion:180 Resp: 69917

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 30.0 14.8 44.3



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

