

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051745.D
 Acq On : 9 Oct 2018 12:28
 Operator : MD\SY
 Sample : VN1009WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Quant Time: Oct 10 03:27:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 05 11:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	116484	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	664320	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	597314	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	238971	29.56	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.53%
60) 4-Bromofluorobenzene	12.40	95	252796	27.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.47%
63) Toluene-d8	10.09	98	789262	29.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	152012	22.372	ug/l 98
3) Chloromethane	2.06	50	136129	20.409	ug/l 96
4) Vinyl Chloride	2.18	62	212693	20.964	ug/l 97
5) Bromomethane	2.57	94	168595	21.377	ug/l 82
6) Chloroethane	2.70	64	147667	21.715	ug/l 98
7) Trichlorofluoromethane	3.01	101	345431	29.730	ug/l 92
8) Diethyl Ether	3.41	74	70045	22.570	ug/l 80
9) 1,1,2-Trichlorotrifluoroet	3.76	101	135126	22.678	ug/l # 40
10) 1,1-Dichloroethene	3.74	96	120113	22.090	ug/l 86
11) Methyl Iodide	3.95	142	162222	23.238	ug/l 91
12) Methyl Acetate	4.33	43	96289	22.440	ug/l 96
13) Acrolein	3.61	56	36485	115.661	ug/l 94
14) Acrylonitrile	5.00	53	187382	106.957	ug/l # 61
15) Acetone	3.82	58	47673	113.864	ug/l 88
16) Carbon Disulfide	4.05	76	310604	19.970	ug/l 96
17) Allyl chloride	4.32	41	160139	20.193	ug/l 75
18) Methylene Chloride	4.55	84	132932	21.669	ug/l 96
19) trans-1,2-Dichloroethene	5.04	96	131658	21.419	ug/l 90
20) Diisopropyl ether	5.96	45	360111	20.217	ug/l # 87
21) 1,1-Dichloroethane	5.85	63	234573	21.101	ug/l 97
22) cis-1,2-Dichloroethene	6.83	96	158568	21.927	ug/l 88
23) tert-Butyl Alcohol	4.79	59	53415	118.035	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	378415	21.675	ug/l # 59
25) Chloroform	7.37	83	272277	21.661	ug/l 97
26) Cyclohexane	7.66	56	197096	20.865	ug/l # 76
29) 1,1-Dichloropropene	7.80	75	192051	21.751	ug/l 97
30) 2-Butanone	6.84	43	230422	107.157	ug/l # 91
31) 2,2-Dichloropropane	6.83	77	238848	21.714	ug/l # 80
32) 1,1,1-Trichloroethane	7.57	97	257962	21.726	ug/l 96
33) Carbon Tetrachloride	7.78	117	228505	21.228	ug/l 90
34) Benzene	8.04	78	566168	21.198	ug/l # 69
35) Methacrylonitrile	7.18	41	48548	20.457	ug/l 77
36) 1,2-Dichloroethane	8.13	62	198303	22.183	ug/l # 91
37) Trichloroethene	8.84	130	167108	22.500	ug/l 100
38) Methylcyclohexane	9.08	83	243154	21.747	ug/l 82
39) 1,2-Dichloropropane	9.12	63	136310	20.836	ug/l 94
40) Dibromomethane	9.21	93	99653	22.019	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051745.D
 Acq On : 9 Oct 2018 12:28
 Operator : MD\SY
 Sample : VN1009WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Quant Time: Oct 10 03:27:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 05 11:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	213252	21.114	ug/l	95
42) Vinyl Acetate	5.90	43	1305651	103.048	ug/l #	94
43) Ethyl Acetate	6.94	43	90337	19.966	ug/l	99
44) Isopropyl Acetate	8.17	43	205720	20.558	ug/l	97
45) 1,4-Dioxane	9.20	88	29696	469.670	ug/l #	78
46) Methyl methacrylate	9.20	41	96305	21.587	ug/l	80
48) t-1,3-Dichloropropene	10.38	75	204149	19.980	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	223201	20.268	ug/l	92
50) 1,1,2-Trichloroethane	10.56	97	138750	21.738	ug/l	97
51) Ethyl methacrylate	10.43	69	166014	20.451	ug/l	84
52) 1,3-Dichloropropane	10.71	76	214293	21.082	ug/l	98
53) Dibromochloromethane	10.90	129	166516	19.862	ug/l	97
54) 1,2-Dibromoethane	11.01	107	140698	21.012	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	309450	92.019	ug/l	95
56) Bromoform	12.13	173	112441	18.709	ug/l #	94
58) 4-Methyl-2-Pentanone	9.99	43	542771	110.674	ug/l #	92
59) 2-Hexanone	10.75	43	351513	105.893	ug/l #	94
61) Tetrachloroethene	10.63	164	159322	22.641	ug/l	97
62) Toluene	10.16	91	654444	21.629	ug/l	97
64) Chlorobenzene	11.44	112	422168	21.738	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.51	131	168066	21.263	ug/l	99
66) Ethyl Benzene	11.51	91	732156	21.511	ug/l	100
67) m/p-Xylenes	11.62	106	582568	42.793	ug/l	99
68) o-Xylene	11.95	106	291124	21.682	ug/l	90
69) Styrene	11.97	104	447199	20.874	ug/l	98
70) Isopropylbenzene	12.25	105	784211	21.736	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	162998	21.633	ug/l	94
72) 1,2,3-Trichloropropane	12.55	75	199062	33.118	ug/l	65
73) Bromobenzene	12.53	156	177257	20.427	ug/l	89
74) n-propylbenzene	12.59	91	836727	21.067	ug/l	95
75) 2-Chlorotoluene	12.68	91	496280	21.385	ug/l	94
76) 1,3,5-Trimethylbenzene	12.73	105	655977	21.426	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	43303	19.323	ug/l	99
78) 4-Chlorotoluene	12.77	91	473896	20.376	ug/l	93
79) tert-butylbenzene	12.99	119	609362	22.130	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	659235	21.648	ug/l	97
81) sec-Butylbenzene	13.17	105	797923	21.662	ug/l	97
82) p-Isopropyltoluene	13.29	119	699332	21.550	ug/l	97
83) 1,3-Dichlorobenzene	13.28	146	328597	21.175	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	303443	20.462	ug/l	98
85) n-Butylbenzene	13.62	91	524600	20.453	ug/l	95
86) Hexachloroethane	13.88	117	129739	20.207	ug/l	88
87) 1,2-Dichlorobenzene	13.65	146	323056	21.244	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.27	75	25467	20.527	ug/l #	81
89) 1,2,4-Trichlorobenzene	14.91	180	122802	20.102	ug/l	98
90) Hexachlorobutadiene	15.01	225	100408	21.699	ug/l	97
91) Naphthalene	15.13	128	245267	17.081	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	129852	19.794	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
Data File : VN051745.D
Acq On : 9 Oct 2018 12:28
Operator : MD\SY
Sample : VN1009WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Quant Time: Oct 10 03:27:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 11:11:26 2018
Response via : Initial Calibration

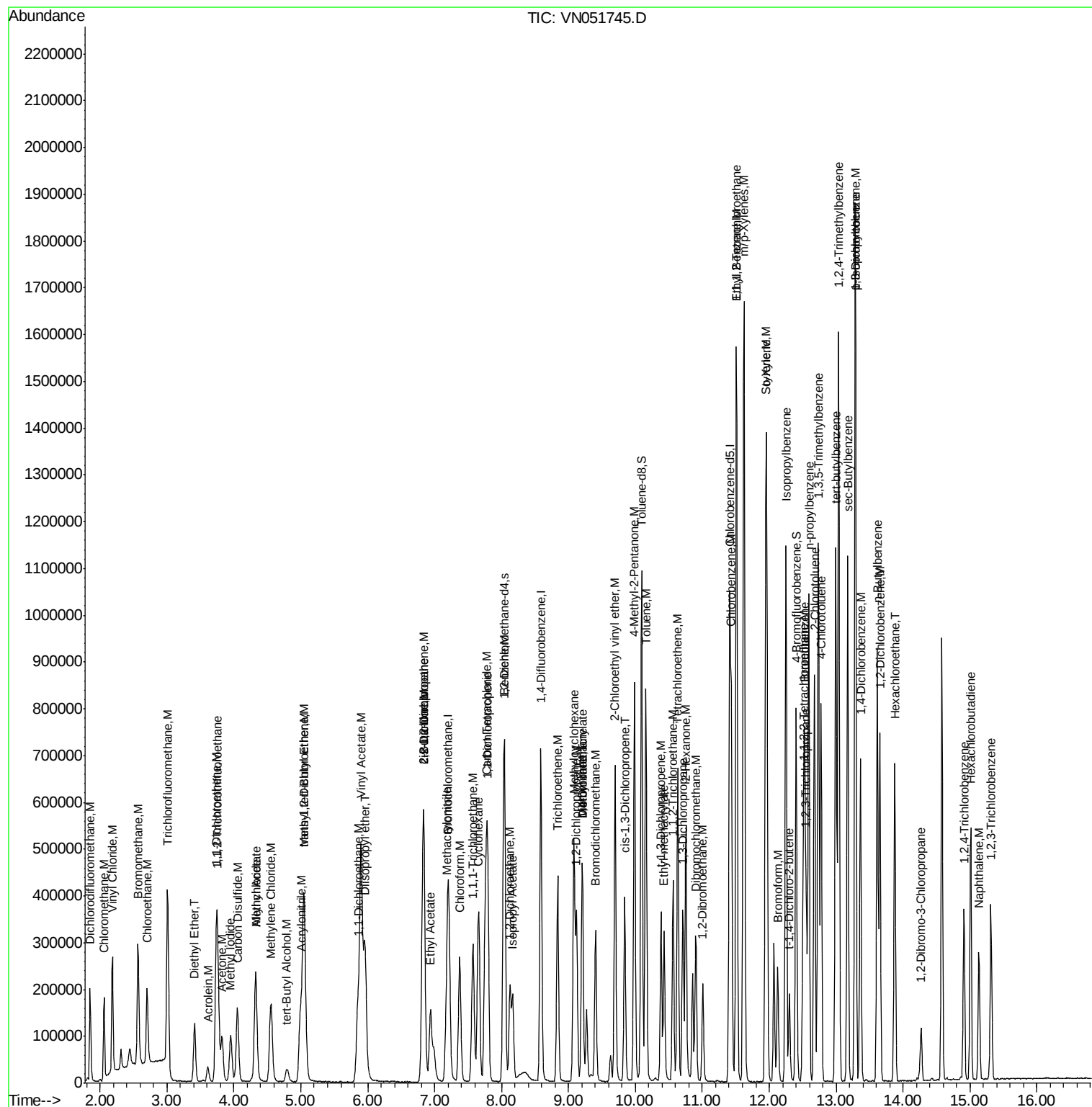
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

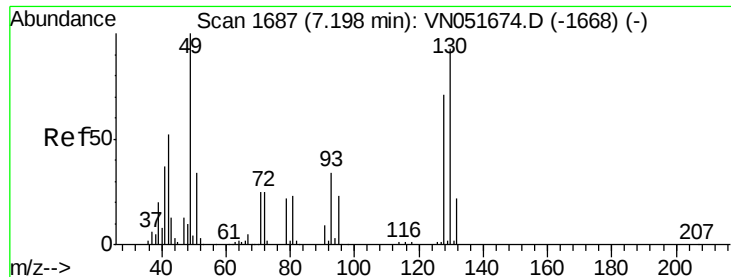
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
Data File : VN051745.D
Acq On : 9 Oct 2018 12:28
Operator : MD\SY
Sample : VN1009WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Quant Time: Oct 10 03:27:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 11:11:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

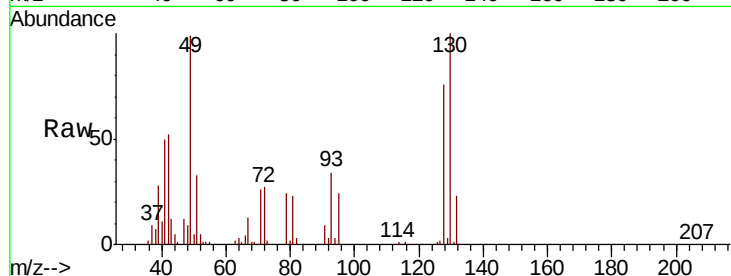
Tot Ion:128 Resp: 116484

Ion Ratio Lower Upper

128 100

49 130.8 0.0 403.3

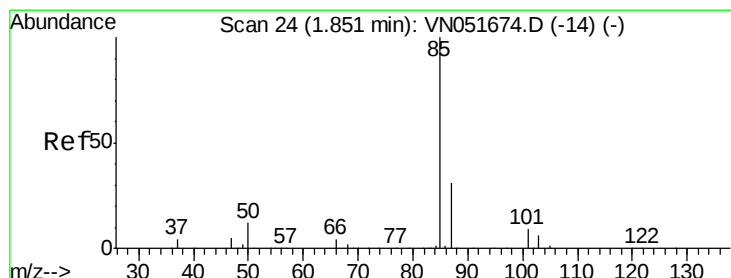
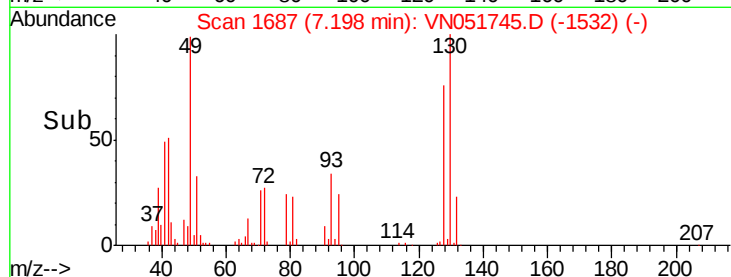
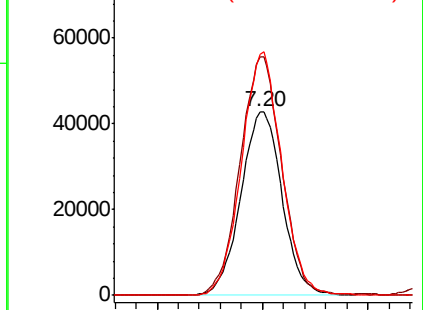
130 128.6 0.0 326.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 22.372 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051745.D

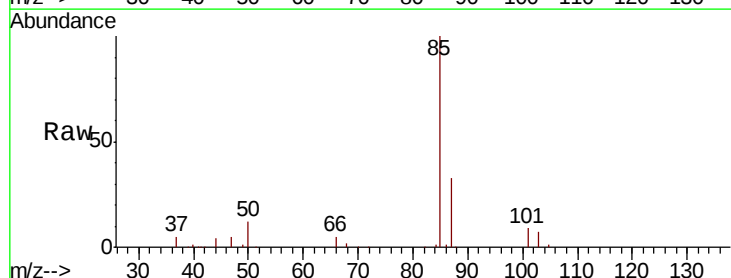
Acq: 9 Oct 2018 12:28

Tgt Ion: 85 Resp: 152012

Ion Ratio Lower Upper

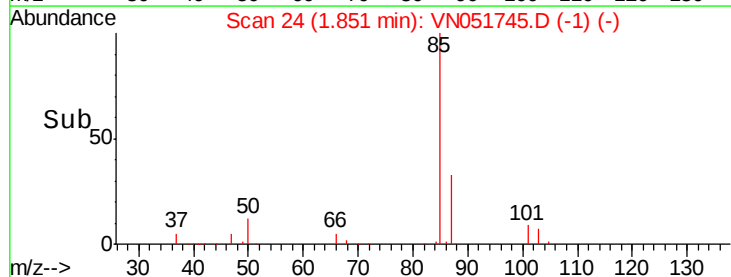
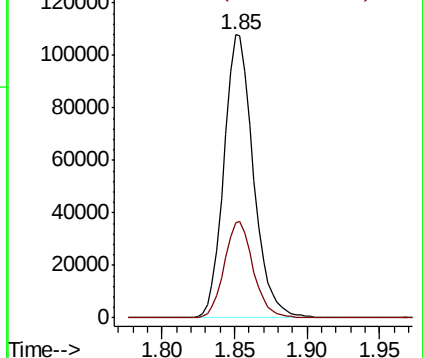
85 100

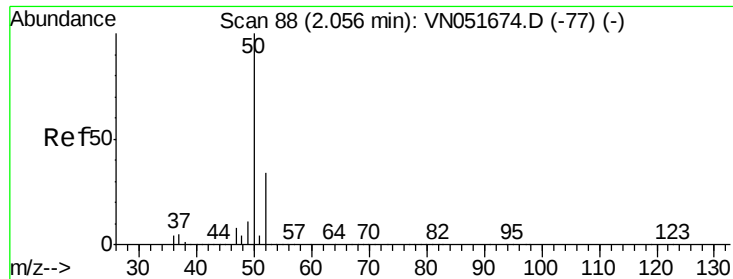
87 33.4 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#3

Chloromethane

Concen: 20.409 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

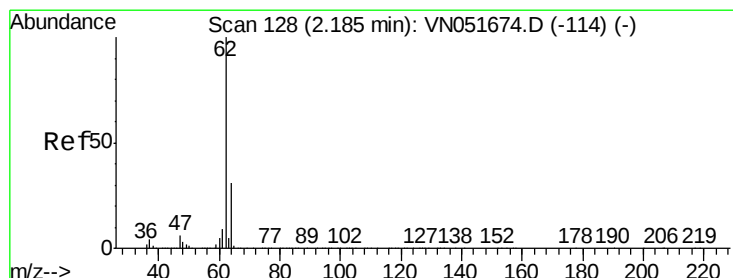
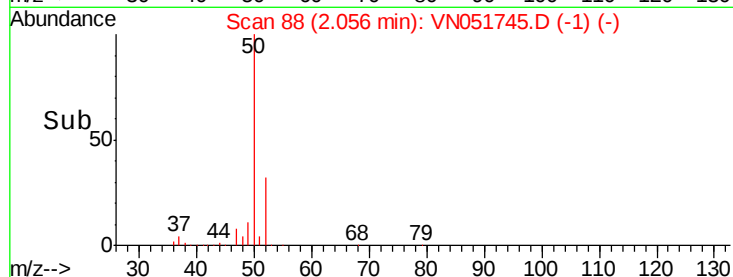
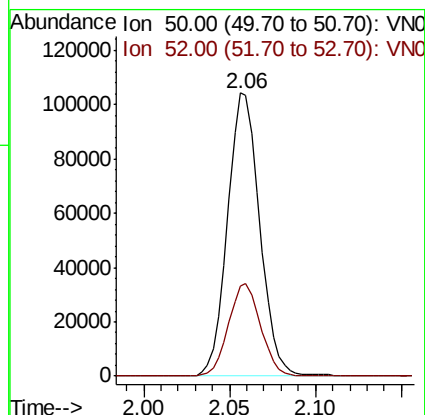
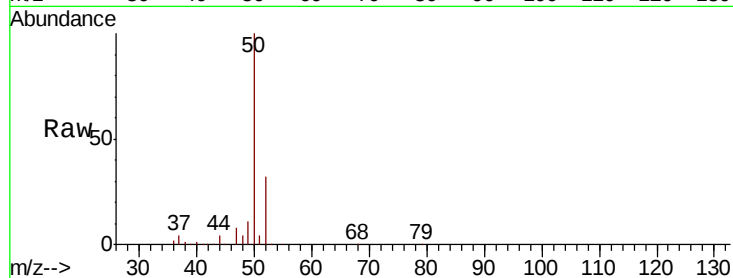
VN1009WBS01

Tot Ion: 50 Resp: 136129

Ion Ratio Lower Upper

50 100

52 31.9 27.2 40.8



#4

Vinyl Chloride

Concen: 20.964 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051745.D

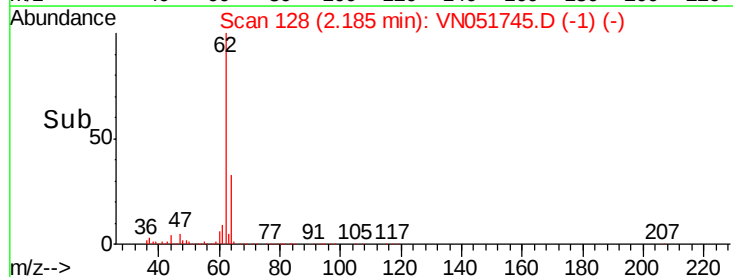
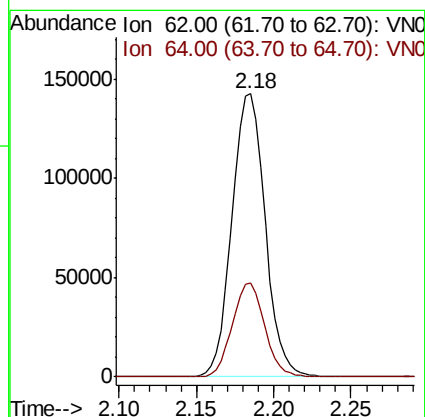
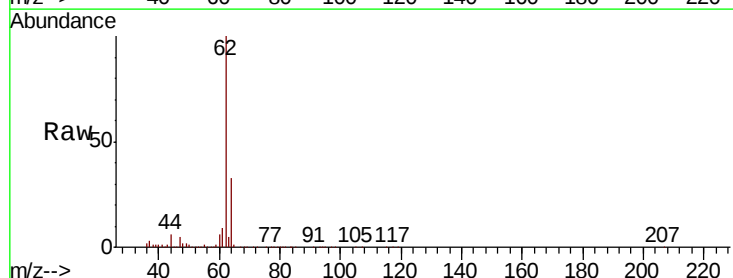
Acq: 9 Oct 2018 12:28

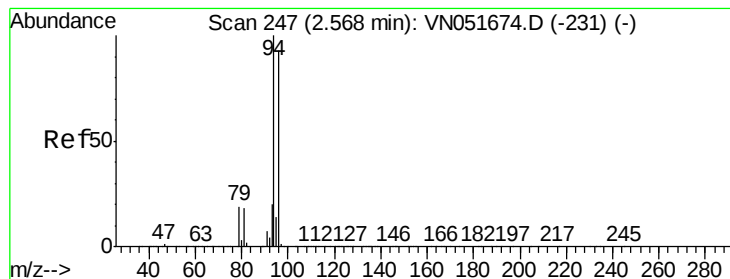
Tgt Ion: 62 Resp: 212693

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.2





#5

Bromomethane

Concen: 21.377 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

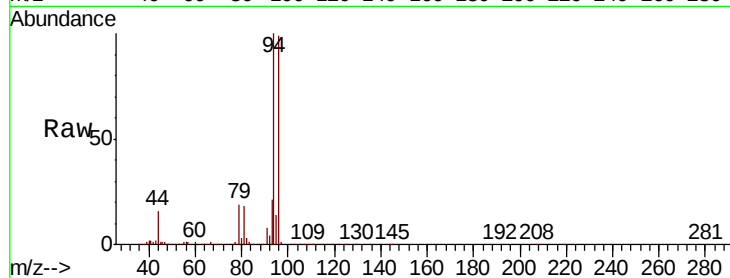
VN1009WBS01

Tot Ion: 94 Resp: 168595

Ion Ratio Lower Upper

94 100

96 99.2 66.4 99.6



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.57

100000

80000

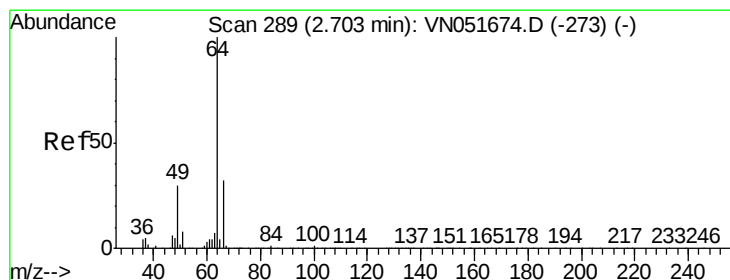
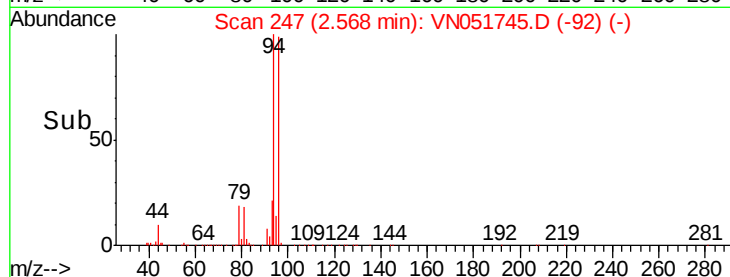
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 21.715 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051745.D

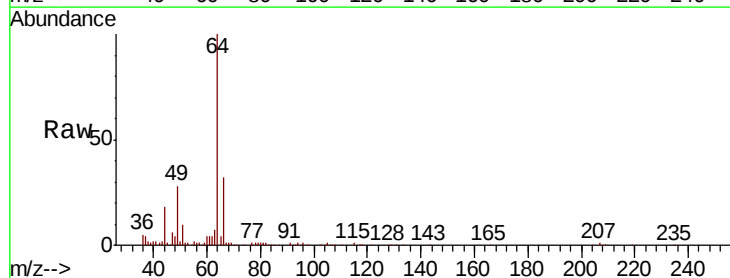
Acq: 9 Oct 2018 12:28

Tgt Ion: 64 Resp: 147667

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.70

80000

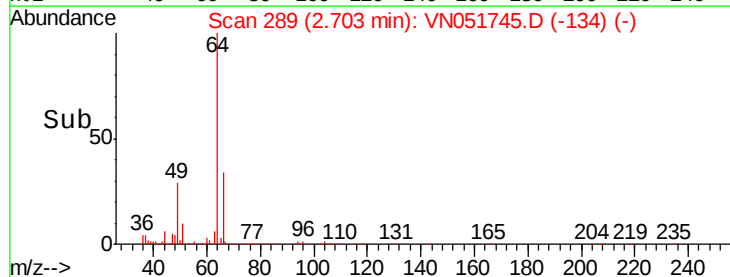
60000

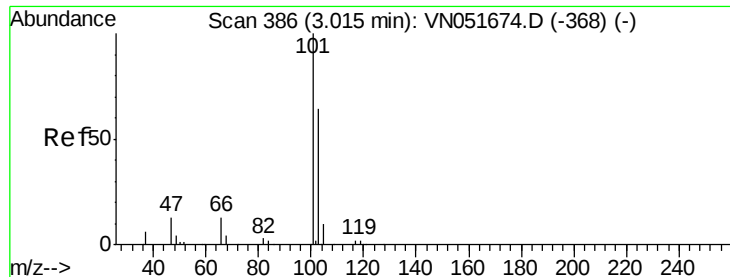
40000

20000

0

Time-->



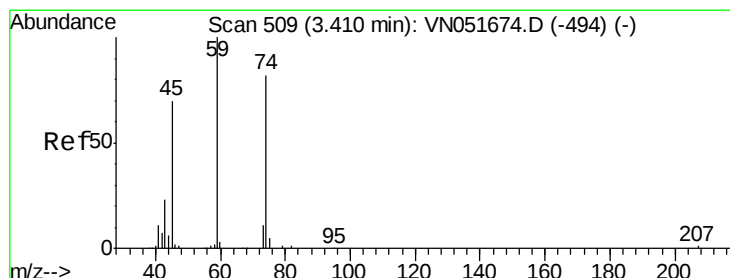
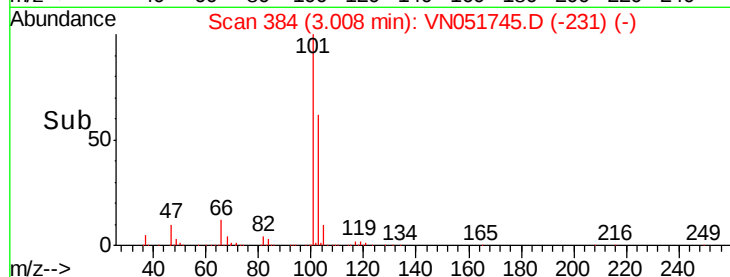
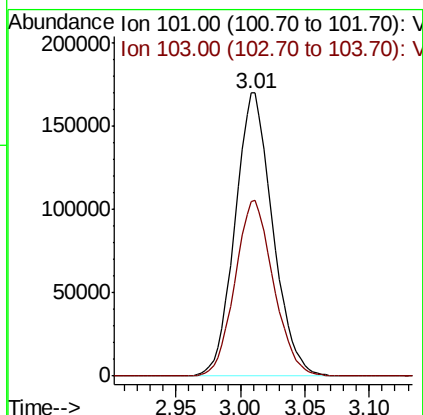
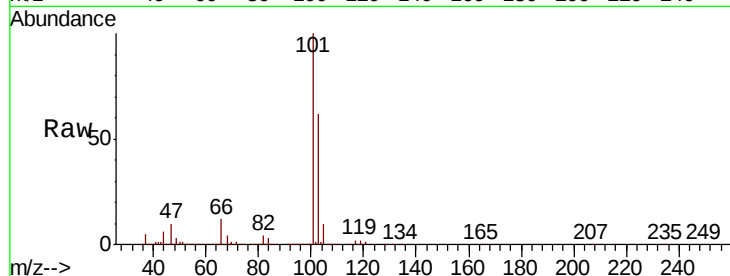


#7

Trichlorofluoromethane
 Concen: 29.730 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

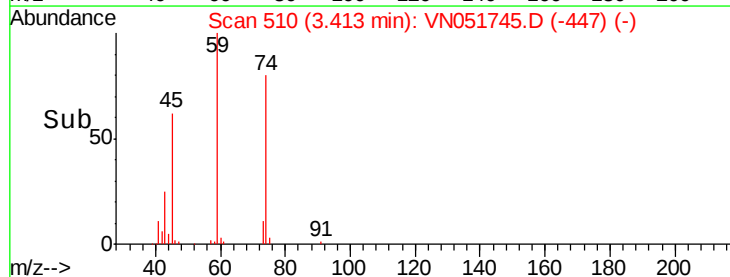
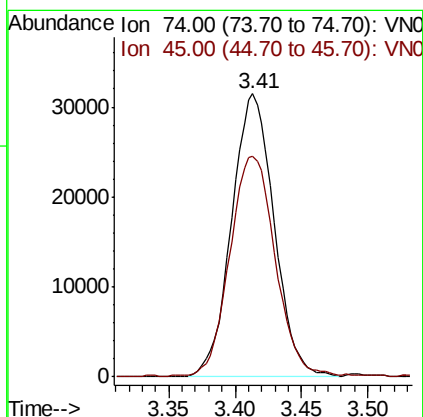
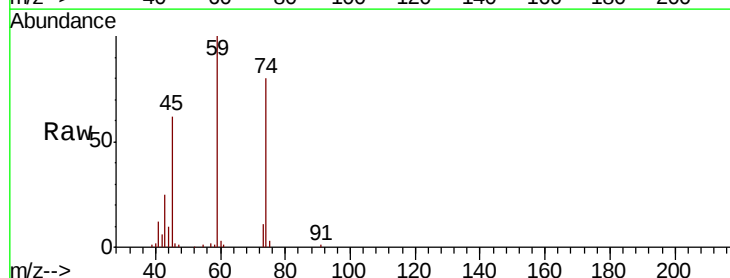
Tot Ion:101 Resp: 345431
 Ion Ratio Lower Upper
 101 100
 103 61.7 54.8 82.2

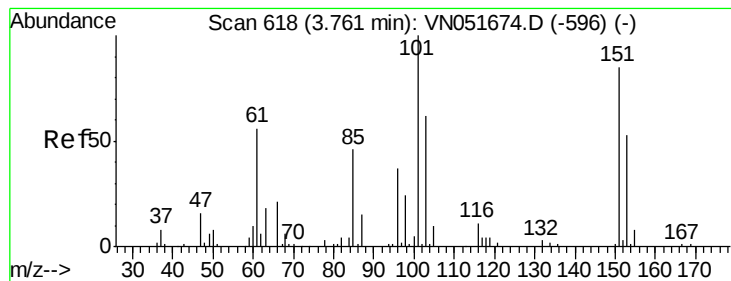


#8

Diethyl Ether
 Concen: 22.570 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Tgt Ion: 74 Resp: 70045
 Ion Ratio Lower Upper
 74 100
 45 83.6 20.7 186.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.678 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

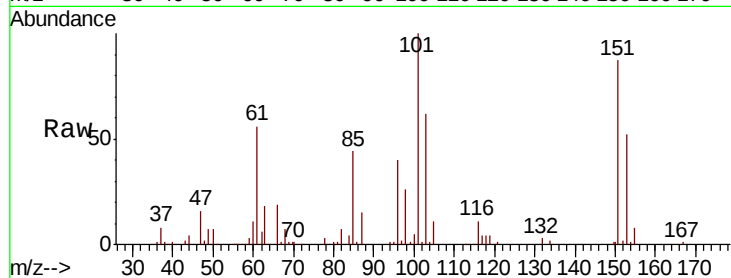
Tot Ion:101 Resp: 135126

Ion Ratio Lower Upper

101 100

85 44.8 0.0 46.0

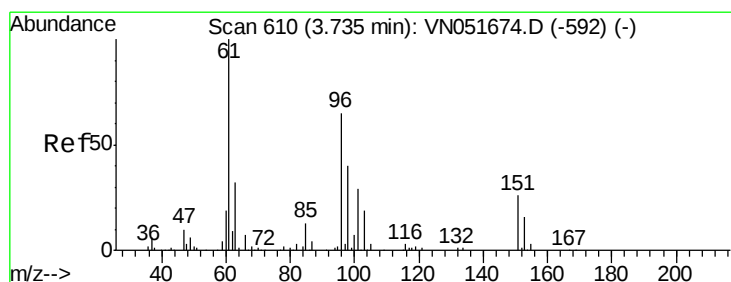
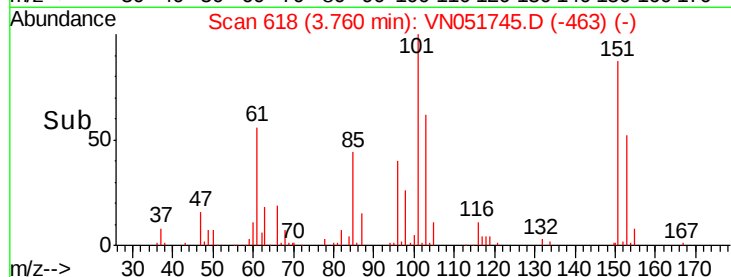
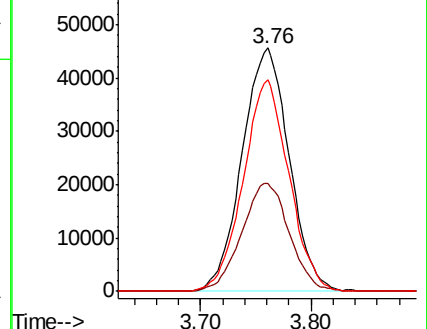
151 83.9 0.0 82.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 22.090 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

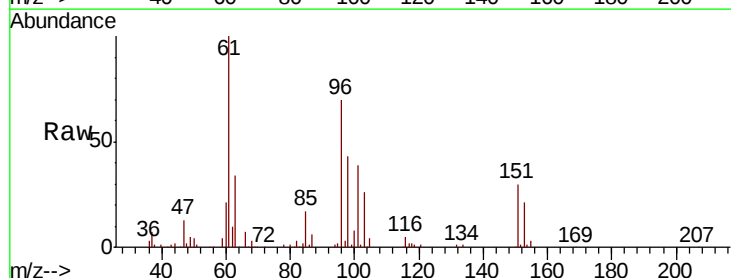
Tgt Ion: 96 Resp: 120113

Ion Ratio Lower Upper

96 100

61 142.0 133.0 199.6

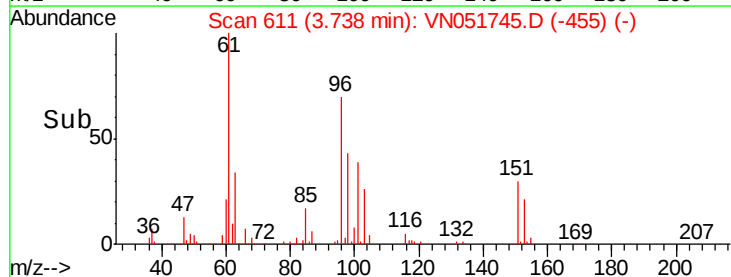
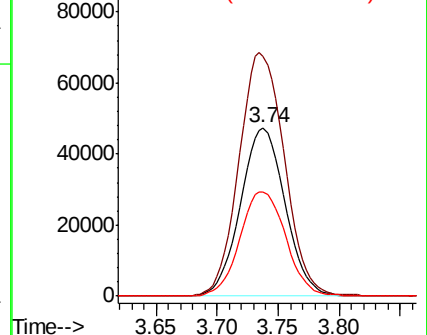
98 61.6 52.6 78.8

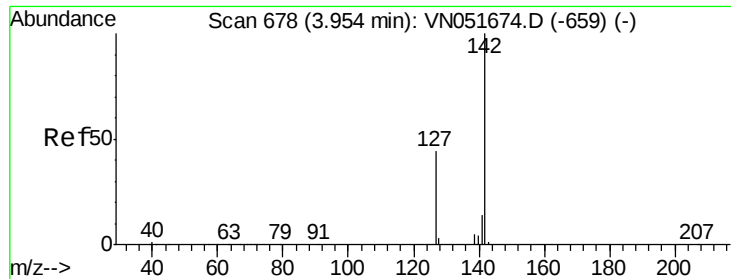


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

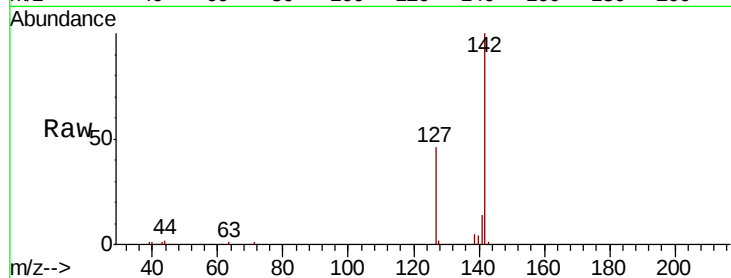




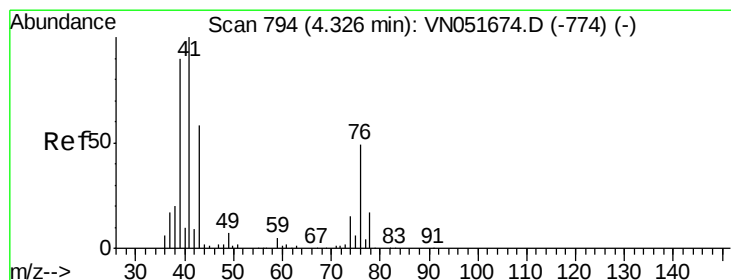
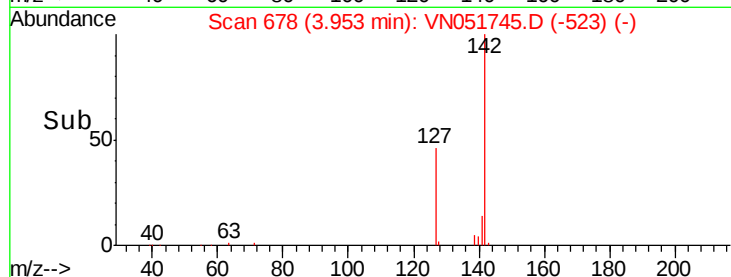
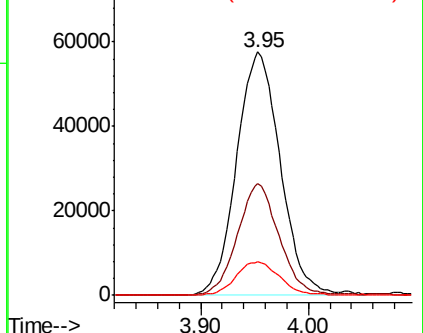
#11
Methvl Iodide
Concen: 23.238 ug/l
RT: 3.95 min Scan# 678
Delta R.T. -0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tot Ion:142 Resp: 162222
Ion Ratio Lower Upper
142 100
127 45.9 19.7 59.0
141 13.7 6.3 18.9

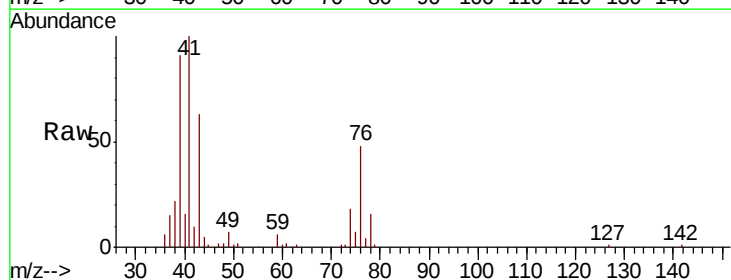


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

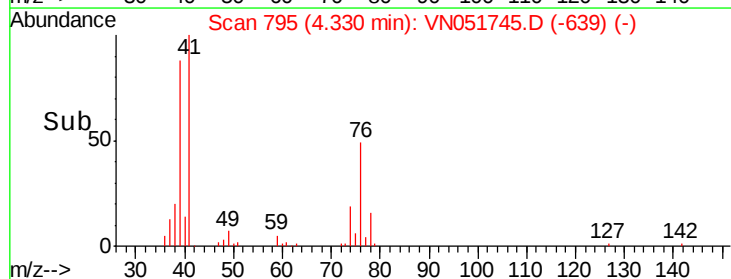
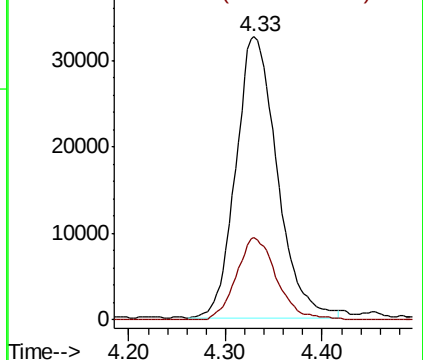


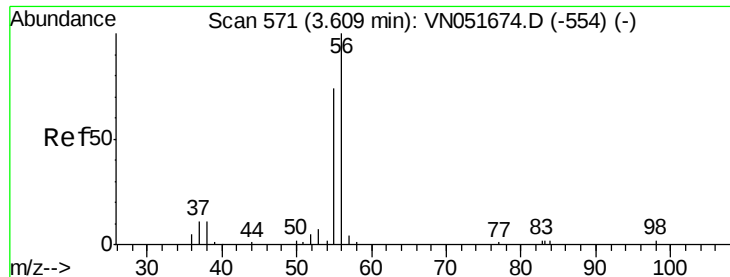
#12
Methyl Acetate
Concen: 22.440 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion: 43 Resp: 96289
Ion Ratio Lower Upper
43 100
74 29.4 21.8 32.6



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

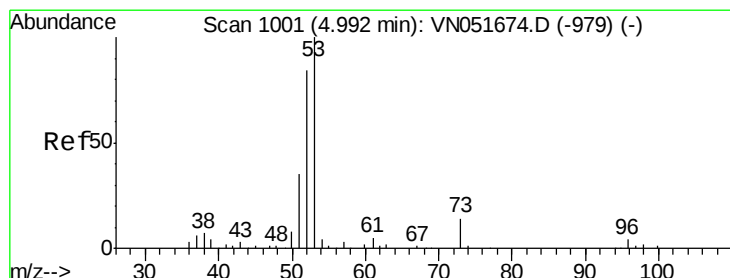
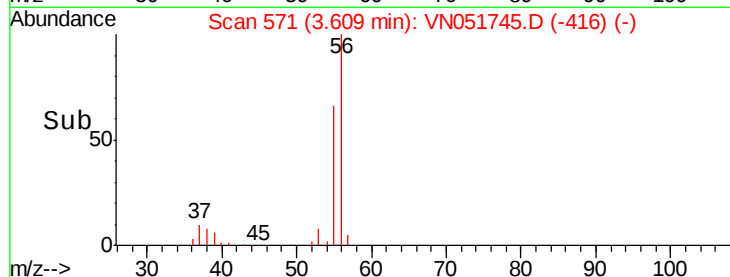
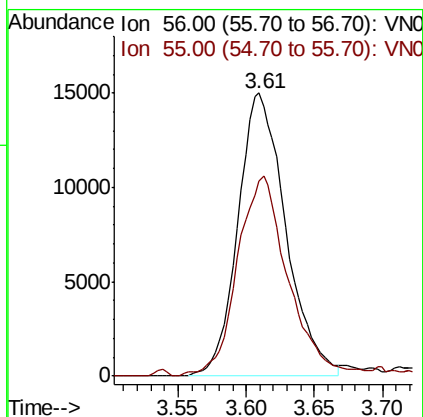
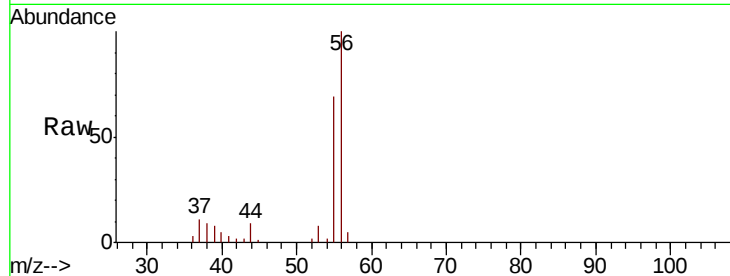




#13
Acrolein
Concen: 115.661 ug/l
RT: 3.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

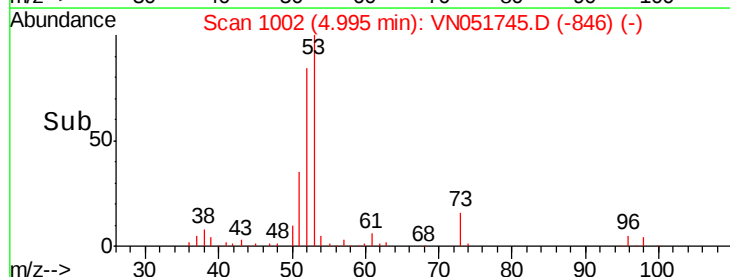
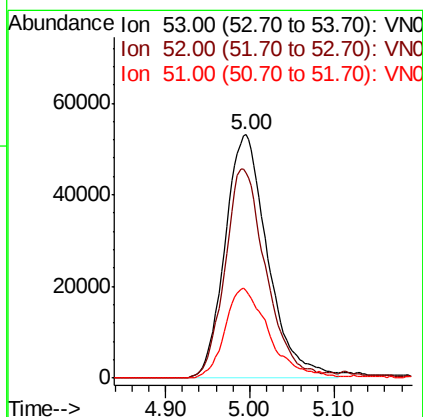
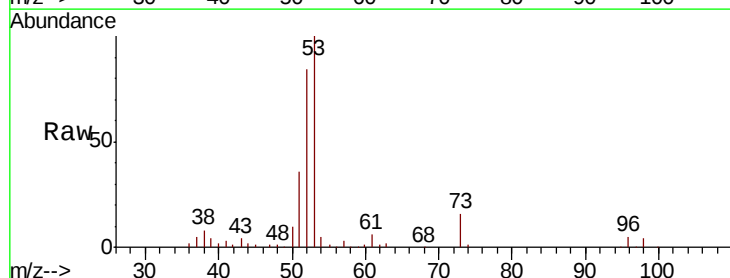
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

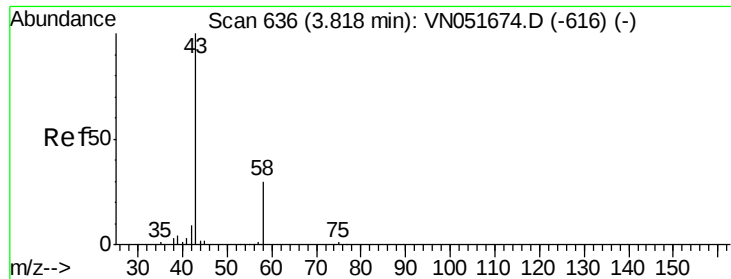
Tot Ion: 56 Resp: 36485
Ion Ratio Lower Upper
56 100
55 74.7 64.0 96.0



#14
Acrylonitrile
Concen: 106.957 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion: 53 Resp: 187382
Ion Ratio Lower Upper
53 100
52 82.3 18.3 54.8#
51 37.1 19.7 59.1





#15

Acetone

Concen: 113.864 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

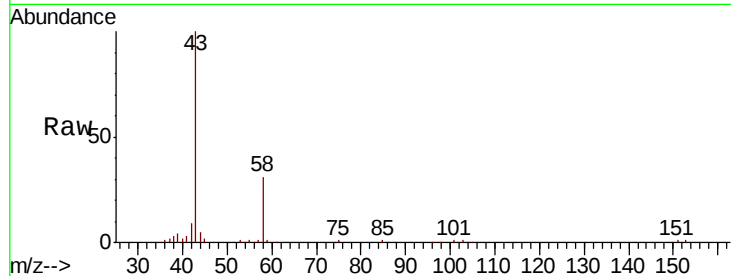
VN1009WBS01

Tot Ion: 58 Resp: 47673

Ion Ratio Lower Upper

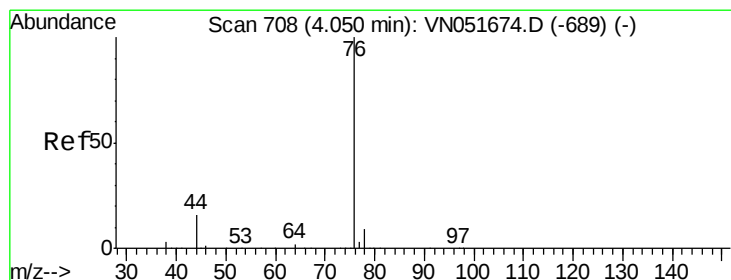
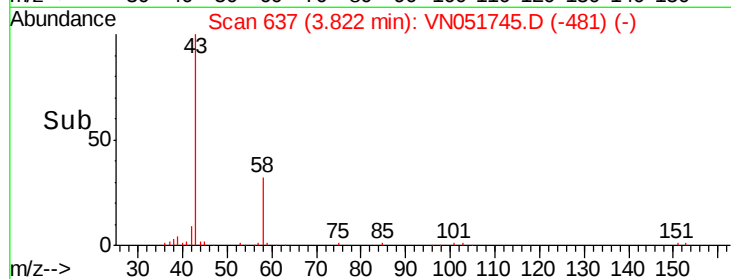
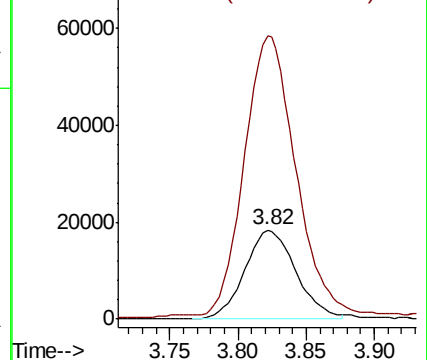
58 100

43 313.4 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.970 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051745.D

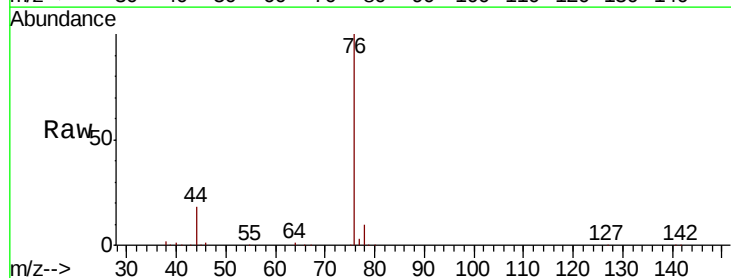
Acq: 9 Oct 2018 12:28

Tgt Ion: 76 Resp: 310604

Ion Ratio Lower Upper

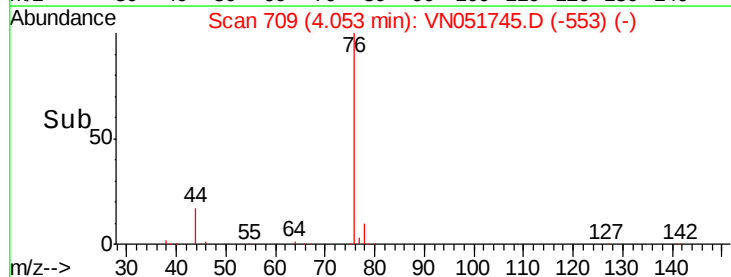
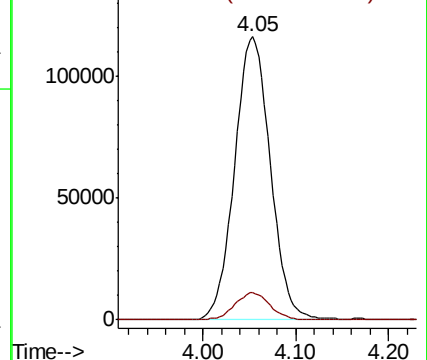
76 100

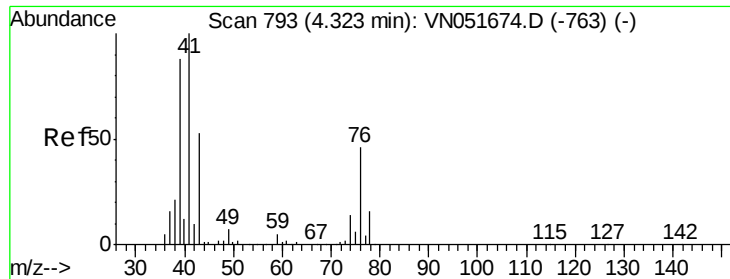
78 9.7 6.7 10.1



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

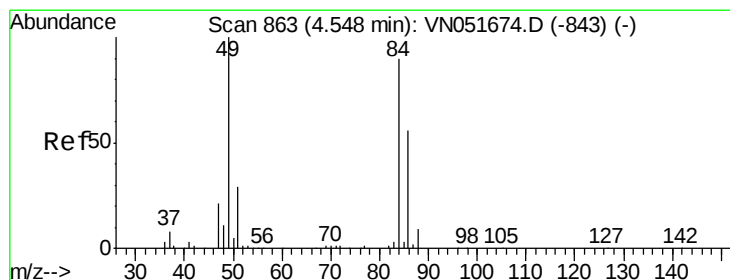
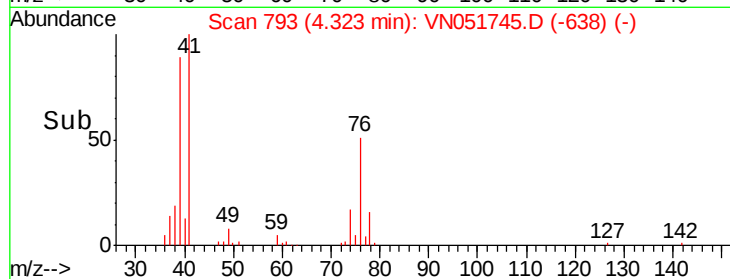
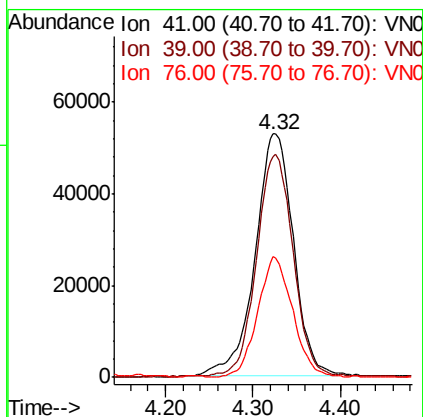
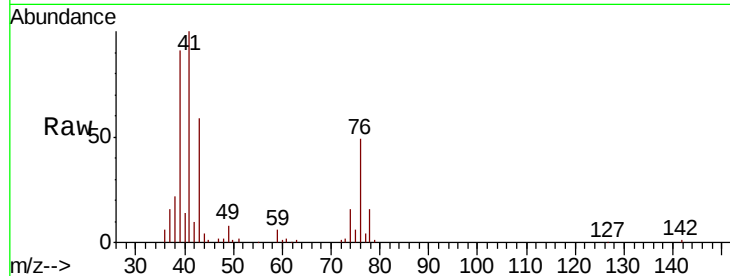




#17
Allvl chloride
Concen: 20.193 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

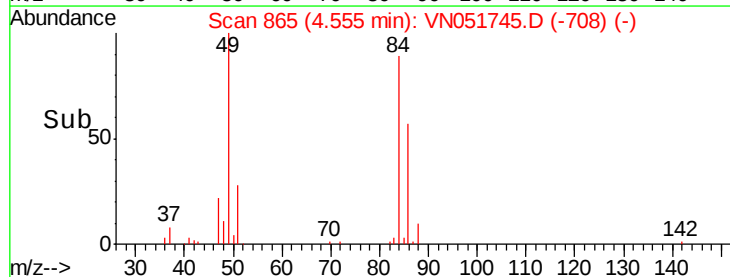
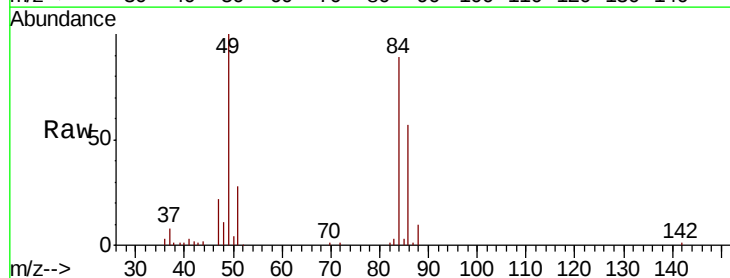
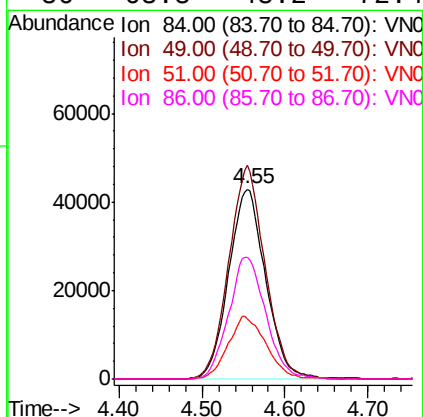
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

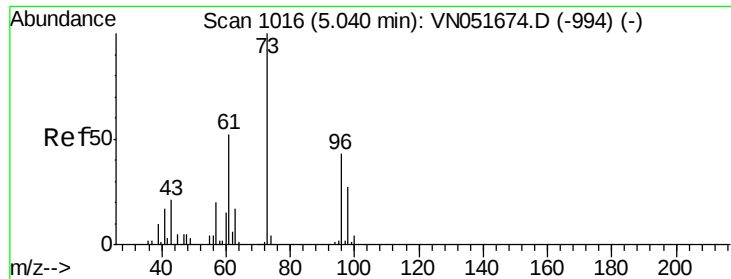
Tot Ion: 41 Resp: 160139
Ion Ratio Lower Upper
41 100
39 90.6 32.6 97.8
76 49.1 20.2 60.5



#18
Methylene Chloride
Concen: 21.669 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion: 84 Resp: 132932
Ion Ratio Lower Upper
84 100
49 112.6 91.6 137.4
51 31.7 29.8 44.6
86 63.8 48.2 72.4

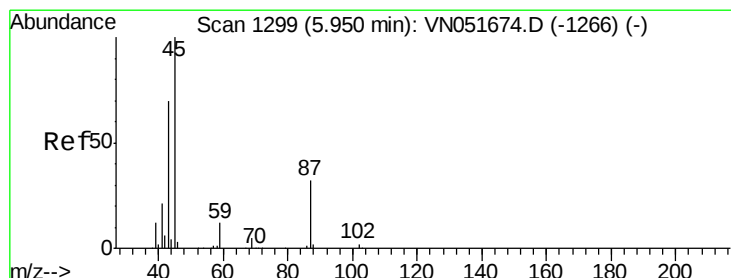
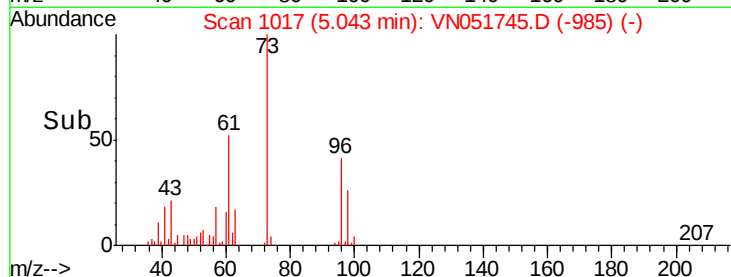
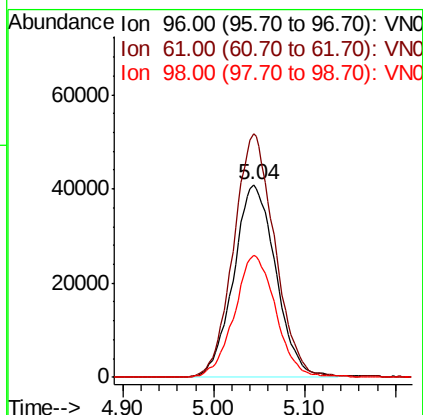
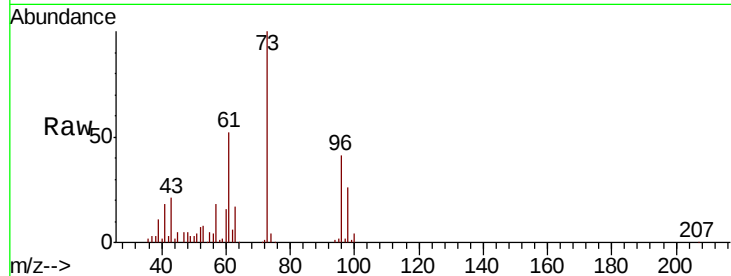




#19
trans-1,2-Dichloroethene
Concen: 21.419 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

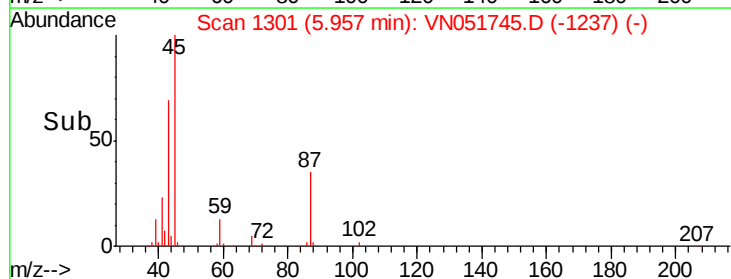
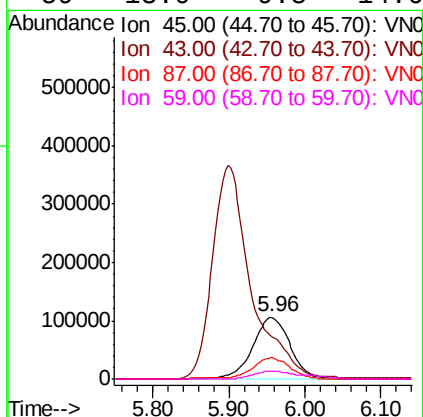
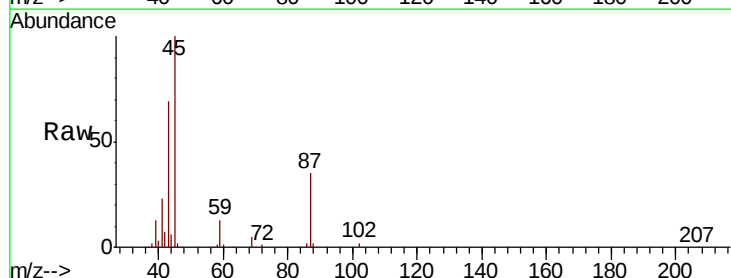
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

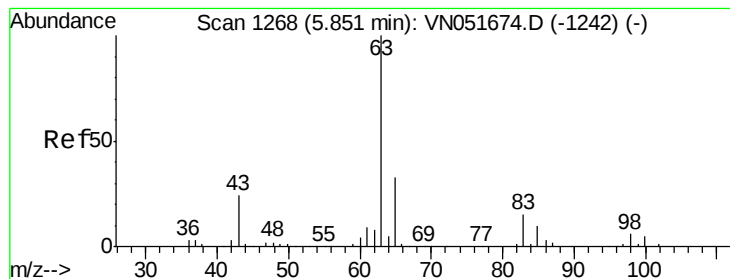
Tot Ion: 96 Resp: 131658
Ion Ratio Lower Upper
96 100
61 126.1 112.3 168.5
98 62.7 47.1 70.7



#20
Diisopropyl ether
Concen: 20.217 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion: 45 Resp: 360111
Ion Ratio Lower Upper
45 100
43 66.1 62.1 93.1
87 34.4 19.9 29.9#
59 13.0 9.8 14.6





#21

1,1-Dichloroethane

Concen: 21.101 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

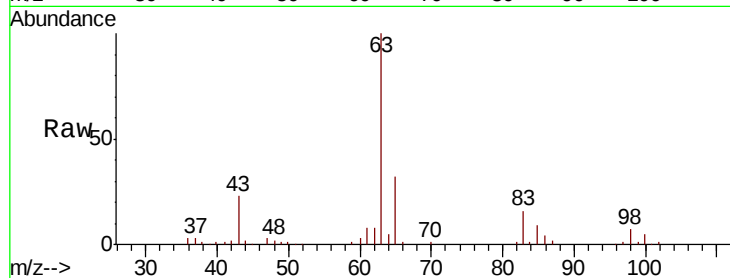
Tot Ion: 63 Resp: 234573

Ion Ratio Lower Upper

63 100

98 7.4 4.1 12.3

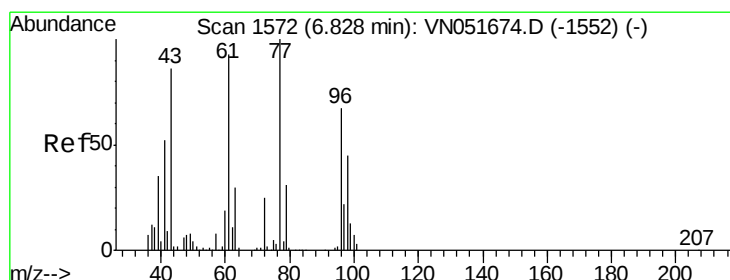
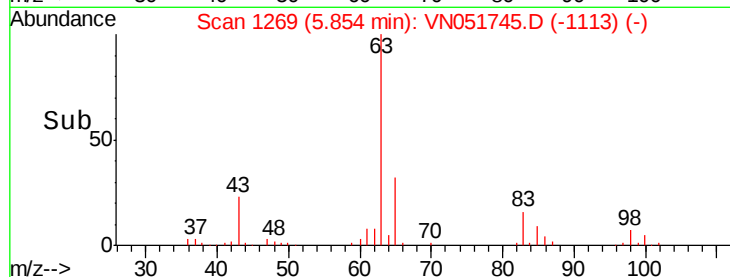
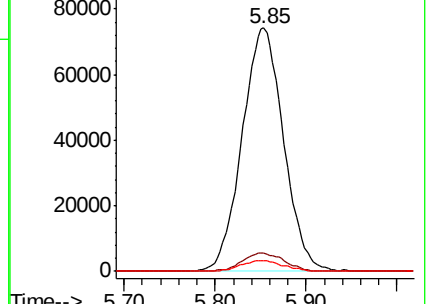
100 4.6 1.6 4.7



Abundance Ion 63.00 (62.70 to 63.70): VN051674.D (-1242) (-)

Ion 98.00 (97.70 to 98.70): VN051674.D (-1242) (-)

Ion 100.00 (99.70 to 100.70): VN051674.D (-1242) (-)



#22

cis-1,2-Dichloroethene

Concen: 21.927 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

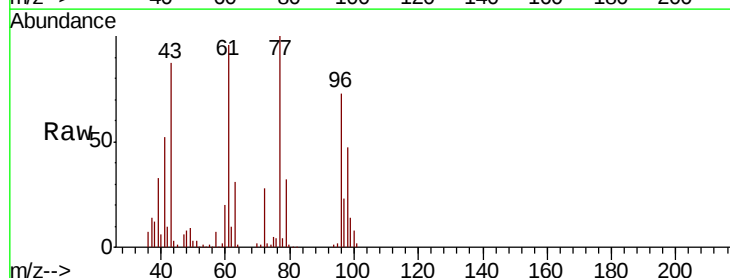
Tgt Ion: 96 Resp: 158568

Ion Ratio Lower Upper

96 100

61 133.5 124.5 186.7

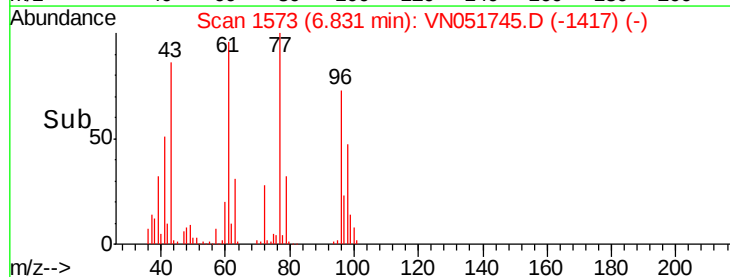
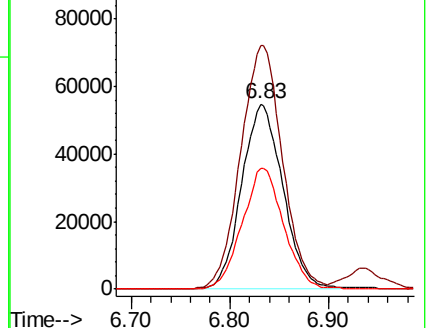
98 65.2 51.9 77.9

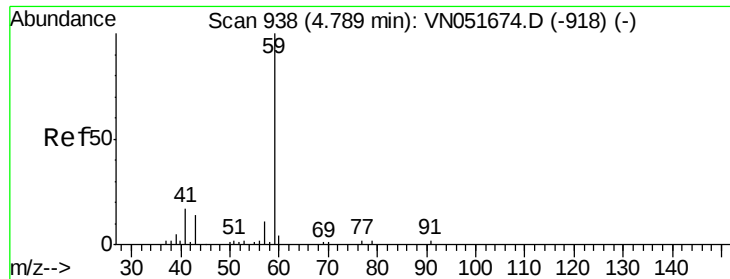


Abundance Ion 96.00 (95.70 to 96.70): VN051674.D (-1552) (-)

Ion 61.00 (60.70 to 61.70): VN051674.D (-1552) (-)

Ion 98.00 (97.70 to 98.70): VN051674.D (-1552) (-)

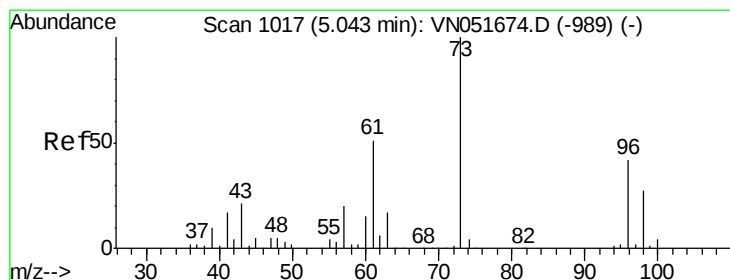
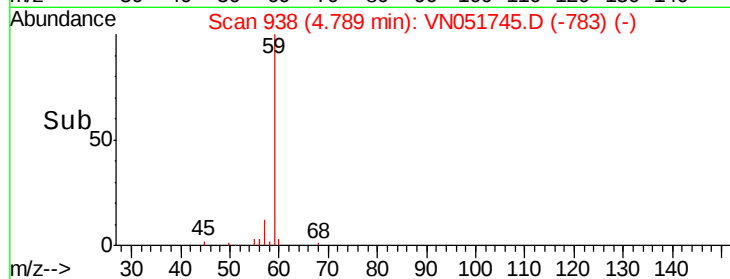
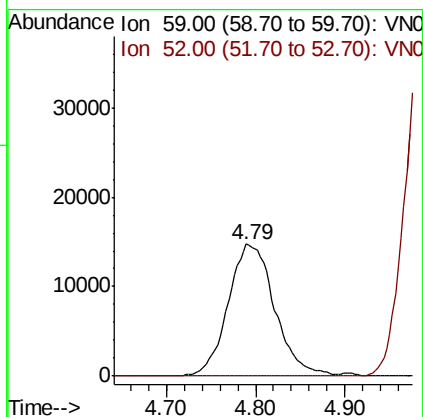
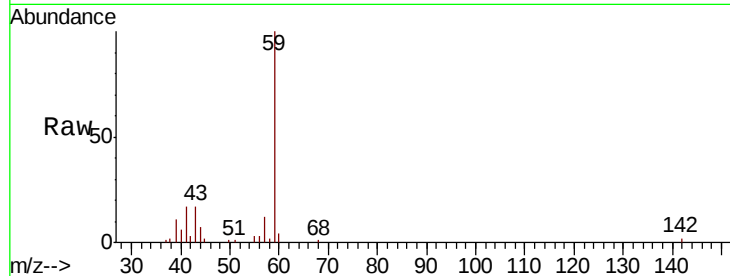




#23
tert-Butyl Alcohol
Concen: 118.035 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

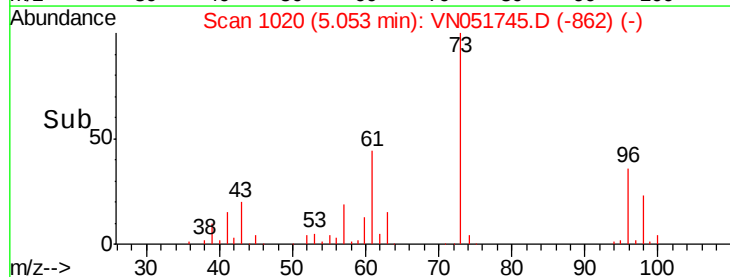
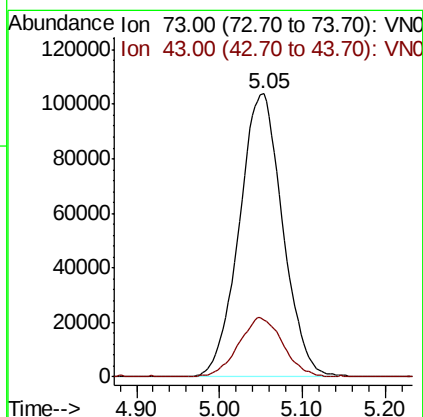
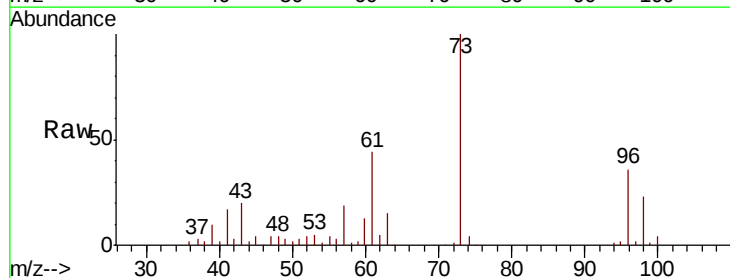
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

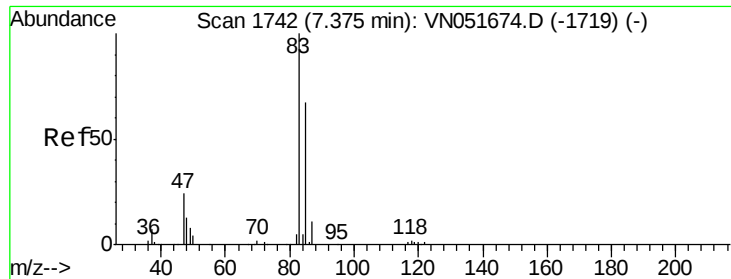
Tot Ion: 59 Resp: 53415
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.675 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion: 73 Resp: 378415
Ion Ratio Lower Upper
73 100
43 20.7 5.4 8.0#

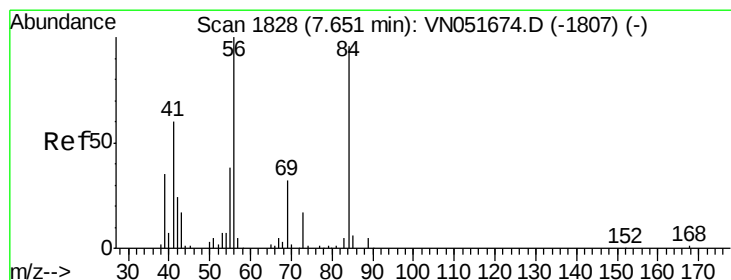
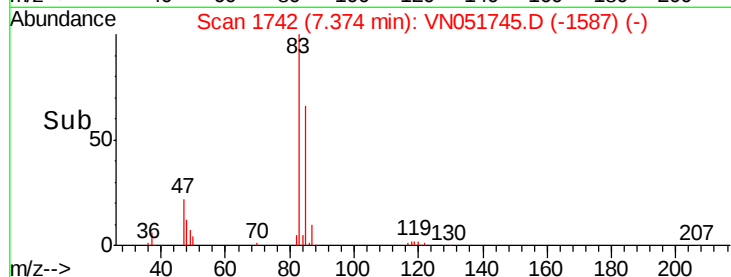
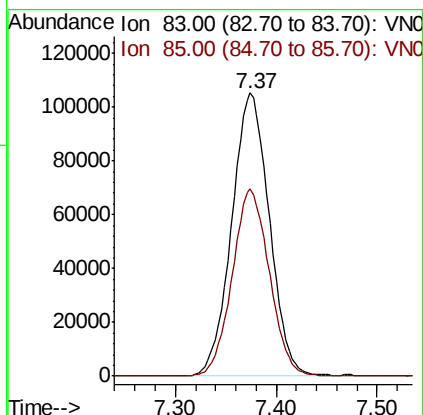
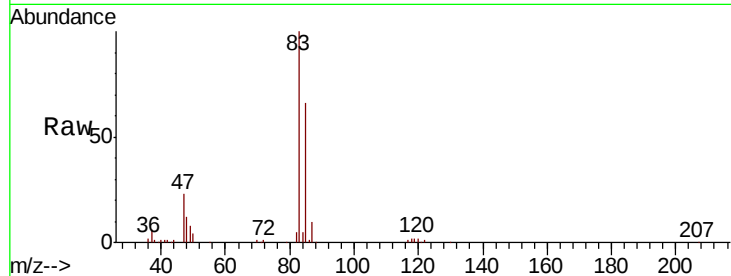




#25
Chloroform
Concen: 21.661 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

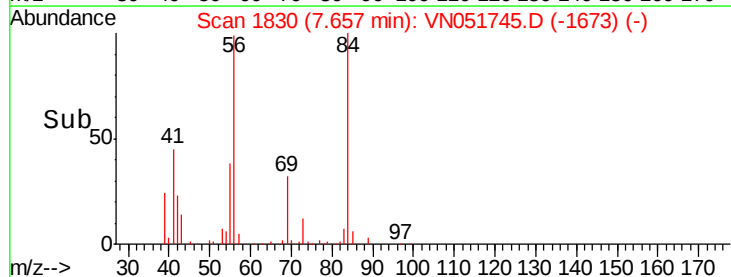
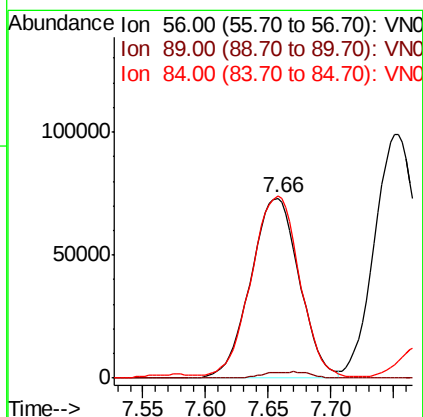
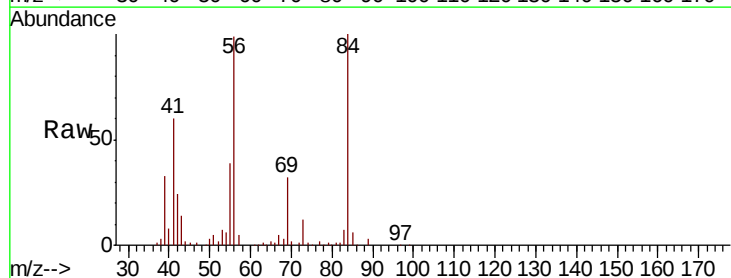
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

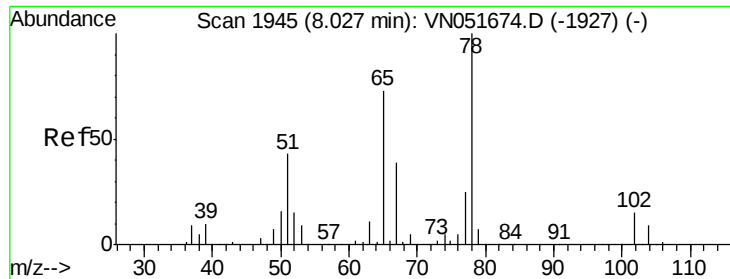
Tot Ion: 83 Resp: 272277
Ion Ratio Lower Upper
83 100
85 66.1 54.6 82.0



#26
Cyclohexane
Concen: 20.865 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion: 56 Resp: 197096
Ion Ratio Lower Upper
56 100
89 3.4 1.5 2.3#
84 101.7 64.2 96.4#





#27

1,2-Dichloroethane-d4

Concen: 20.865 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

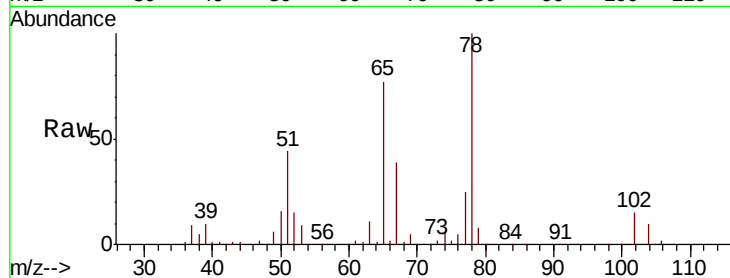
VN1009WBS01

Tot Ion: 65 Resp: 238971

Ion Ratio Lower Upper

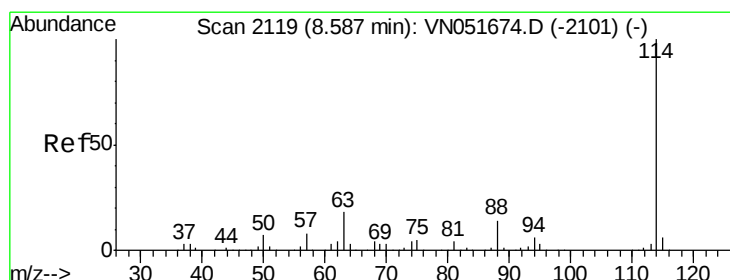
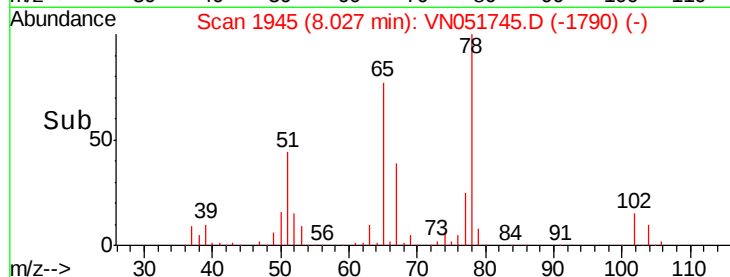
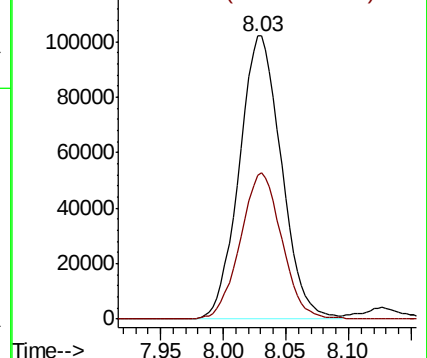
65 100

67 50.9 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): VN051745.D (-1927) (-)

Ion 67.00 (66.70 to 67.70): VN051745.D (-1927) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

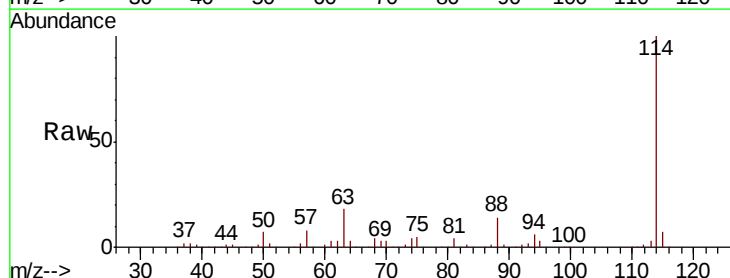
Tgt Ion: 114 Resp: 664320

Ion Ratio Lower Upper

114 100

63 17.7 16.2 24.2

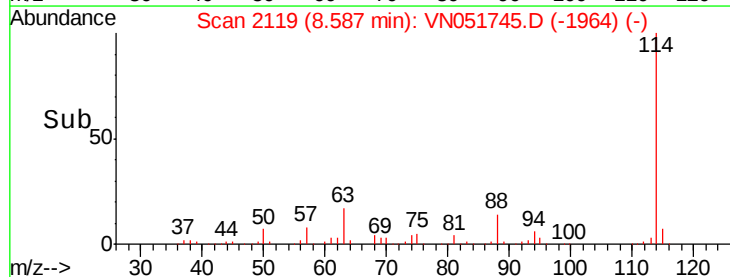
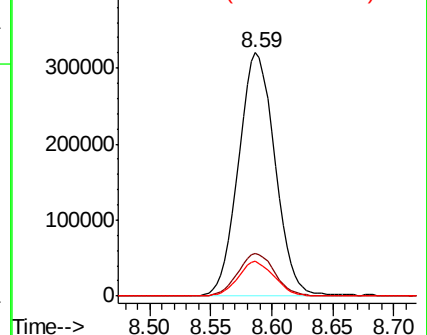
88 14.2 12.2 18.4

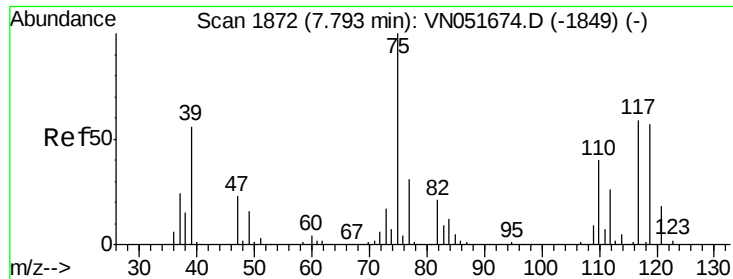


Abundance Ion 114.00 (113.70 to 114.70): VN051745.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN051745.D (-2101) (-)

Ion 88.00 (87.70 to 88.70): VN051745.D (-2101) (-)

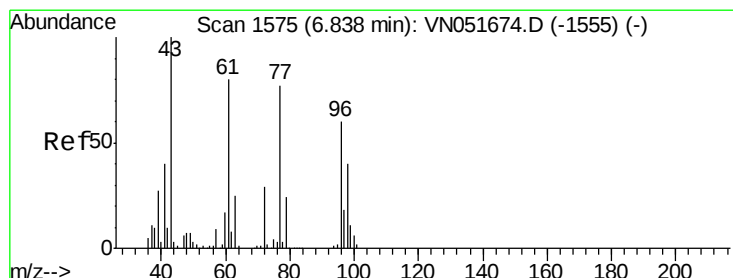
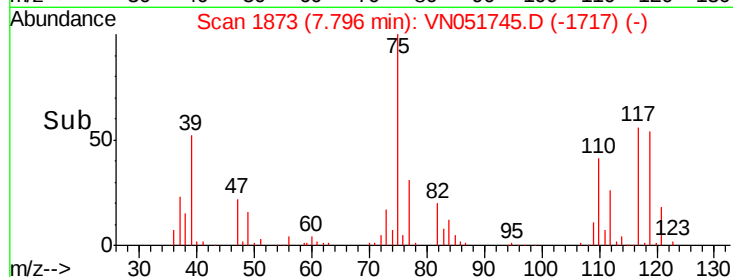
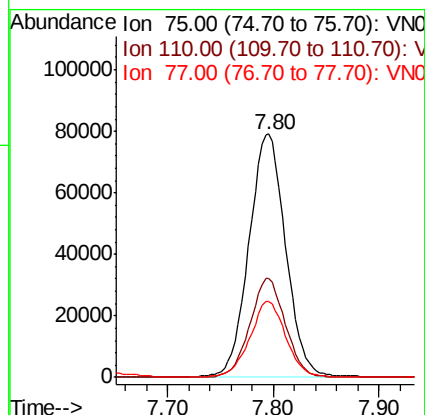
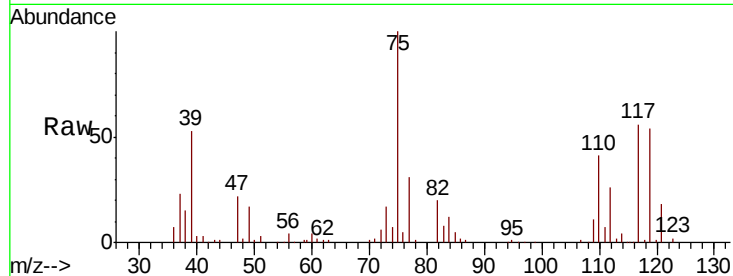




#29
 1,1-Dichloropropene
 Concen: 21.751 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

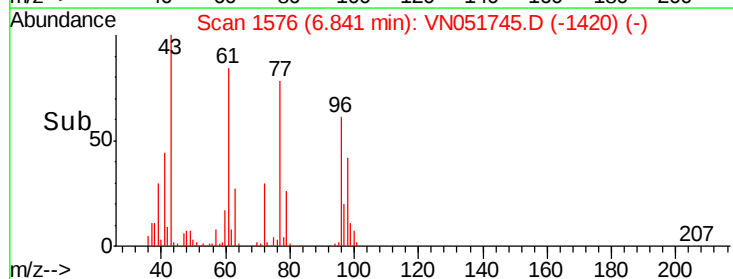
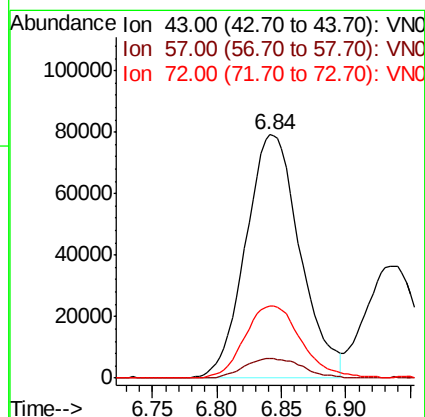
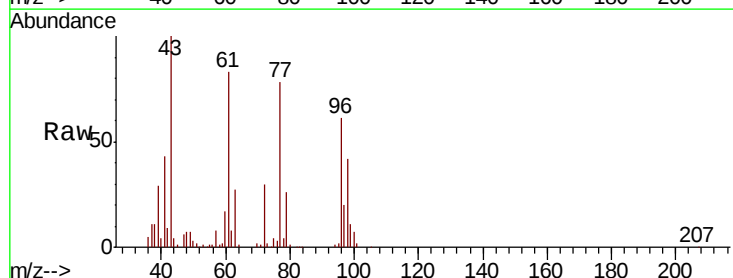
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

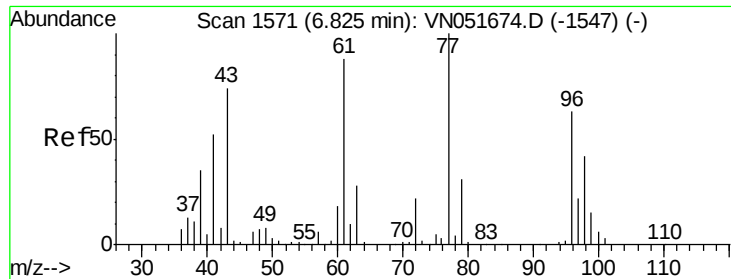
Tot Ion: 75 Resp: 192051
 Ion Ratio Lower Upper
 75 100
 110 39.1 0.0 70.8
 77 30.8 0.0 61.6



#30
 2-Butanone
 Concen: 107.157 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Tgt Ion: 43 Resp: 230422
 Ion Ratio Lower Upper
 43 100
 57 8.7 4.5 6.7#
 72 31.3 21.5 32.3





#31

2,2-Dichloropropane

Concen: 21.714 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampled :

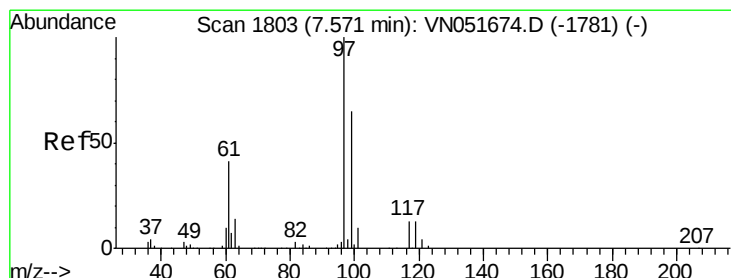
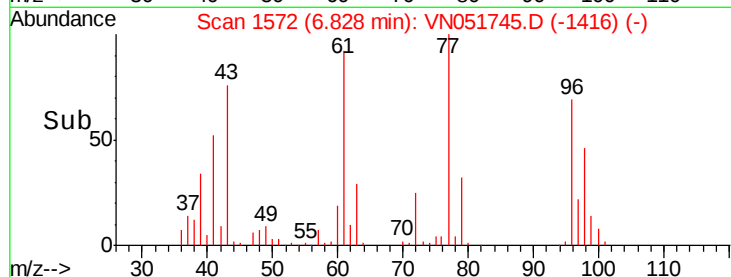
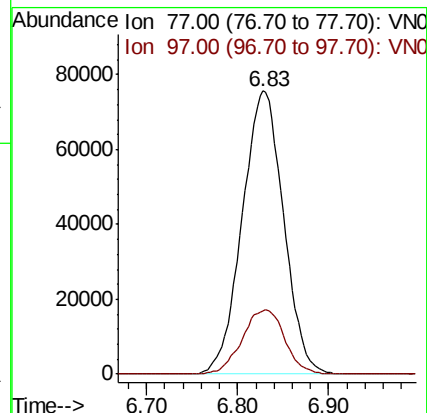
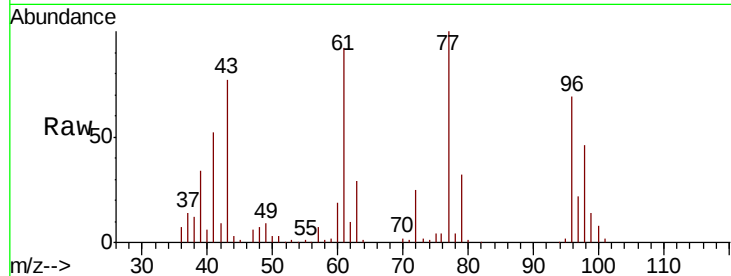
VN1009WBS01

Tot Ion: 77 Resp: 238848

Ion Ratio Lower Upper

77 100

97 23.4 12.0 18.0#



#32

1,1,1-Trichloroethane

Concen: 21.726 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

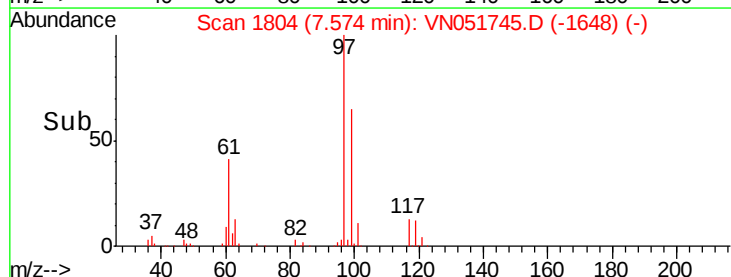
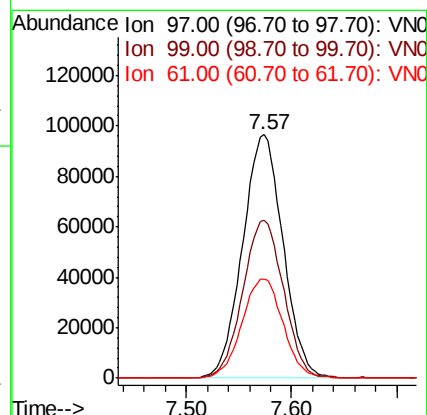
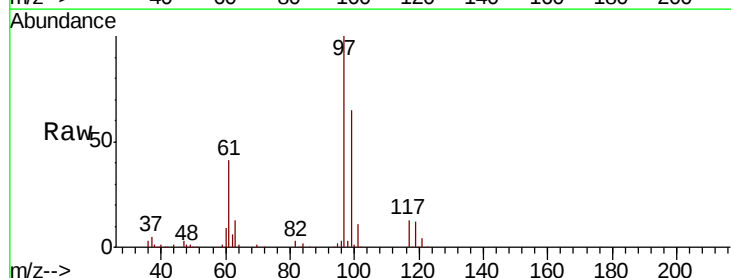
Tgt Ion: 97 Resp: 257962

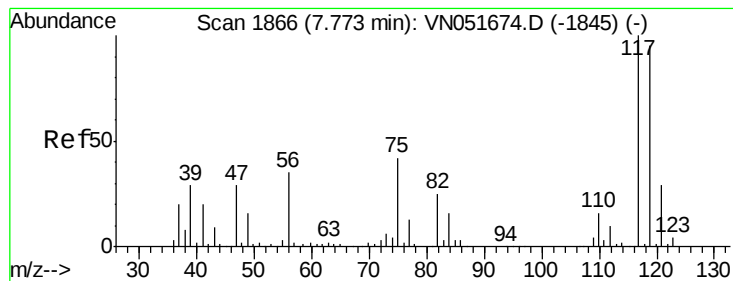
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 41.3 37.4 56.0





#33

Carbon Tetrachloride

Concen: 21.228 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampled :

VN1009WBS01

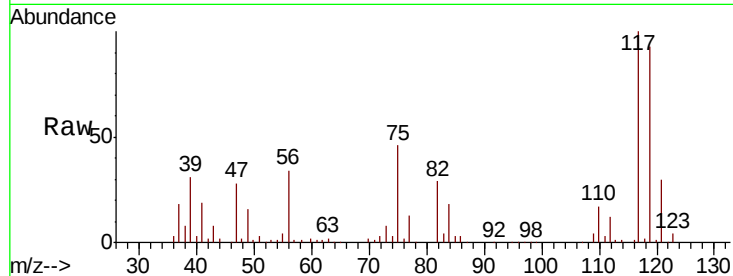
Tot Ion:117 Resp: 228505

Ion Ratio Lower Upper

117 100

119 92.5 85.1 127.7

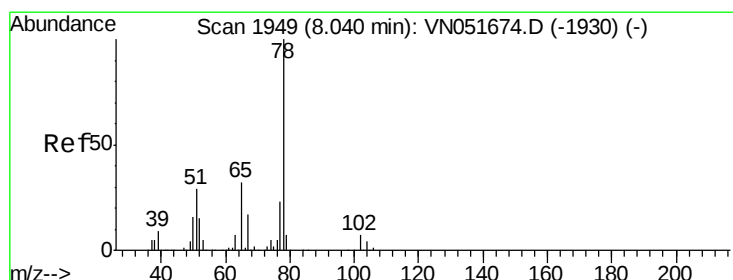
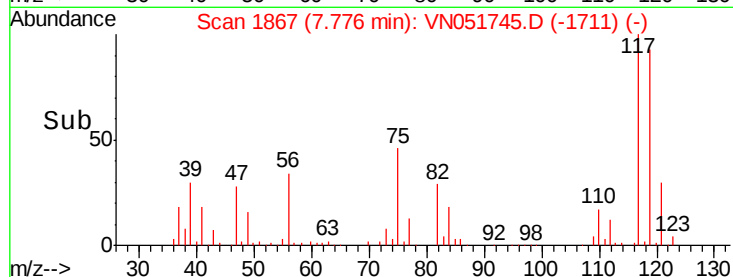
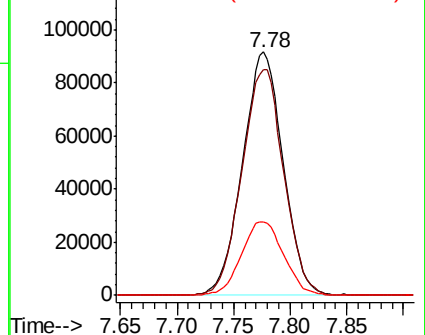
121 30.3 24.2 36.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.198 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

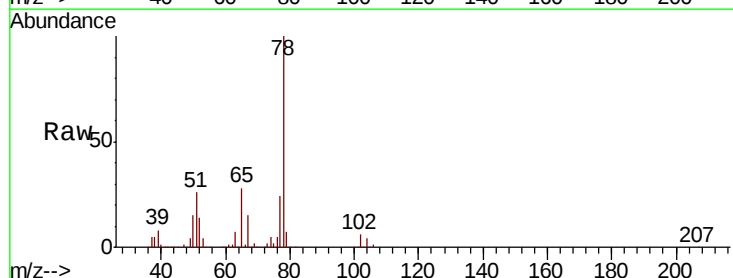
Tgt Ion: 78 Resp: 566168

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2

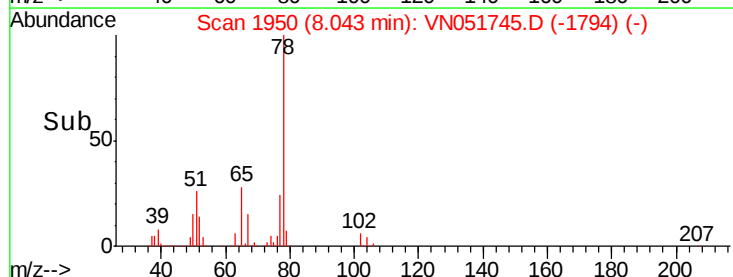
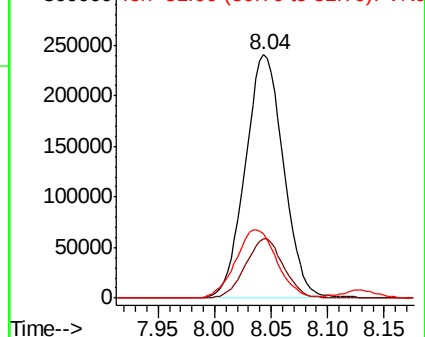
51 26.1 46.2 69.4#

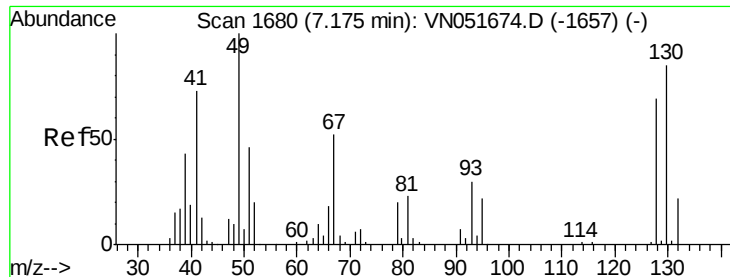


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

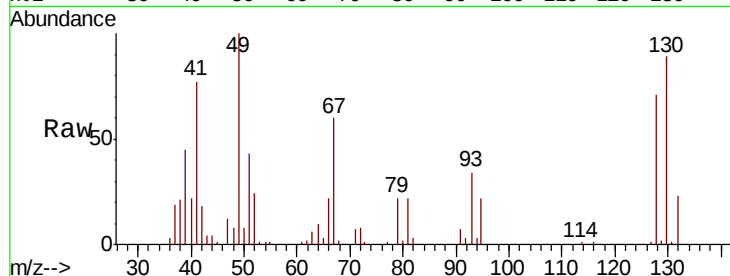




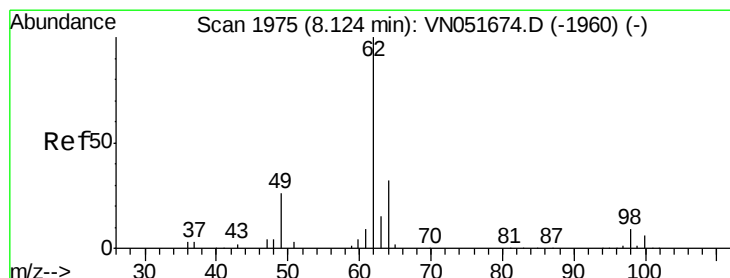
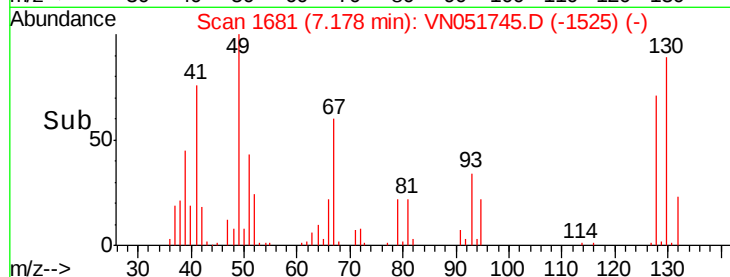
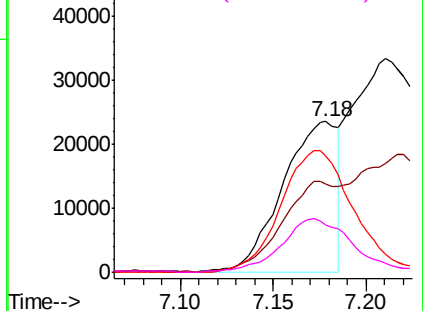
#35
Methacrylonitrile
Concen: 20.457 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

Tot Ion: 41 Resp: 48548
Ion Ratio Lower Upper
41 100
39 58.1 22.6 67.7
67 77.8 28.9 86.8
52 31.5 11.3 33.9

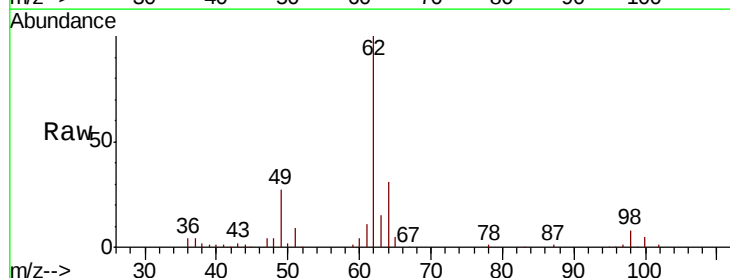


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

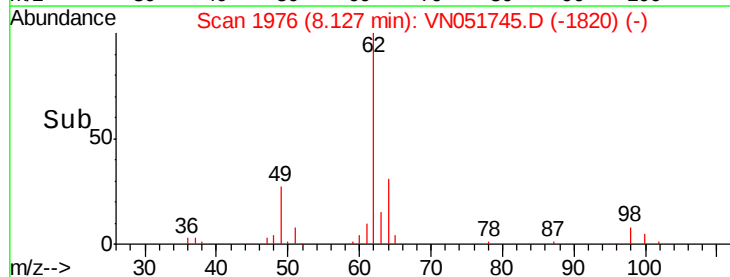
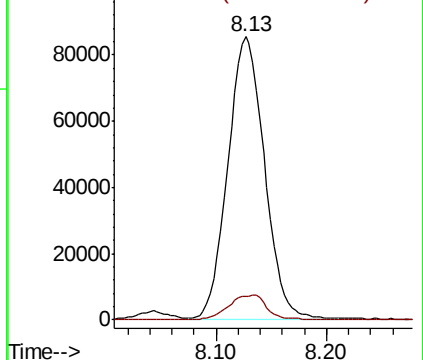


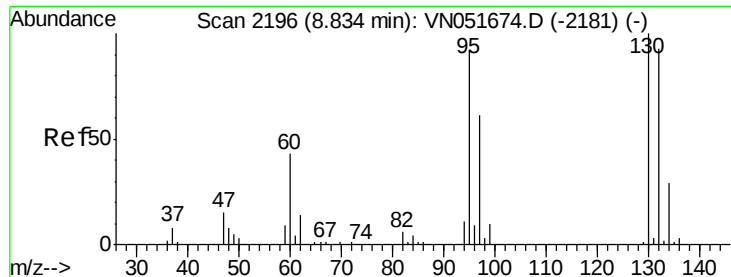
#36
1,2-Dichloroethane
Concen: 22.183 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion: 62 Resp: 198303
Ion Ratio Lower Upper
62 100
98 5.2 6.9 10.3#



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

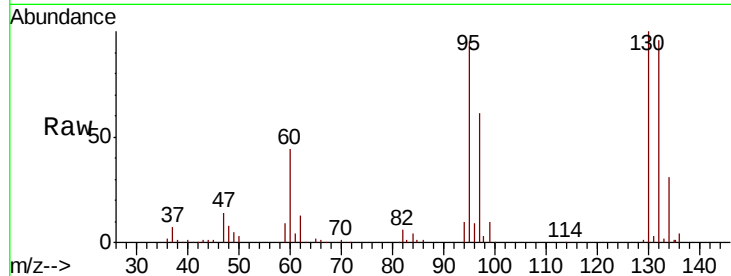




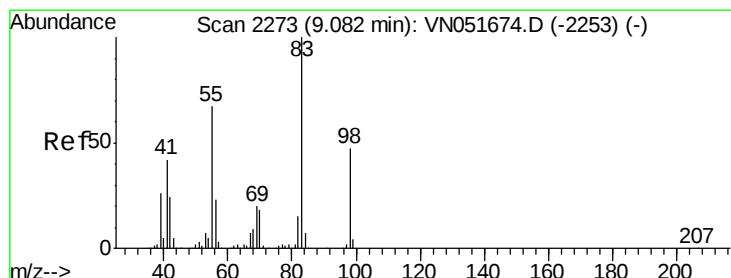
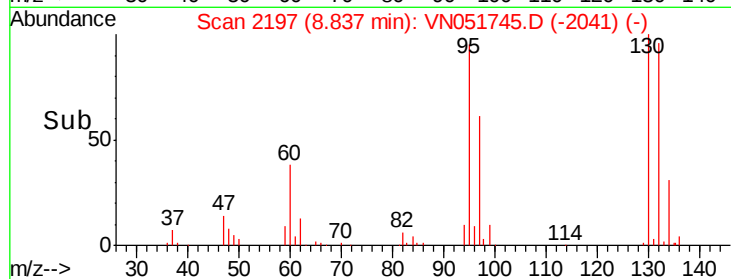
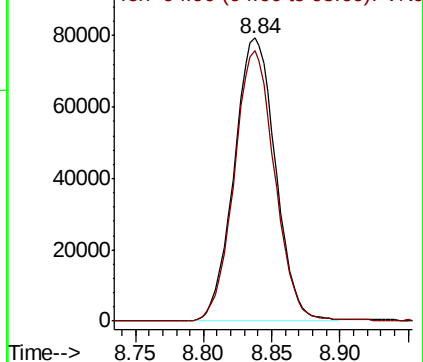
#37
 Trichloroethene
 Concen: 22.500 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tot Ion:130 Resp: 167108
 Ion Ratio Lower Upper
 130 100
 95 95.4 76.4 114.6

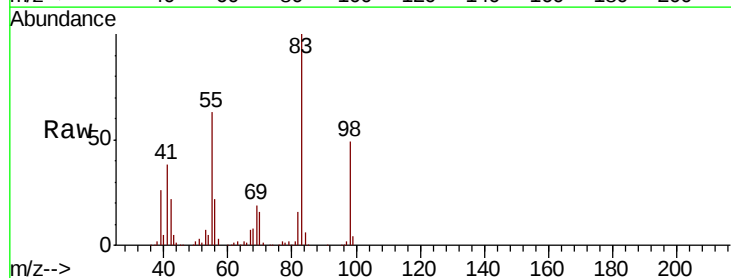


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

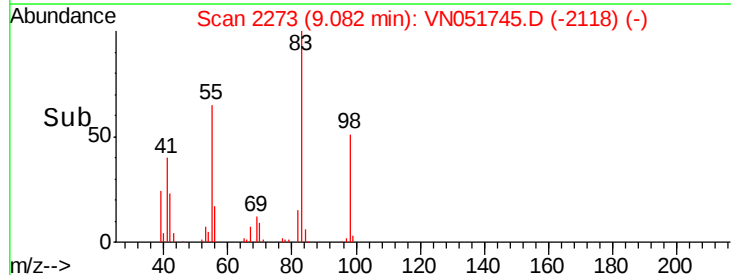
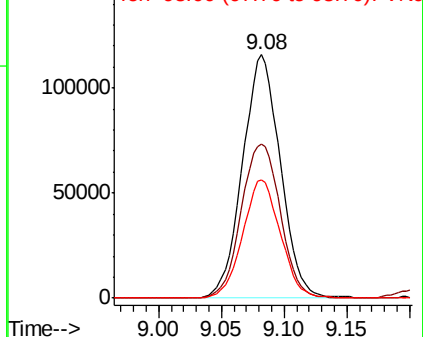


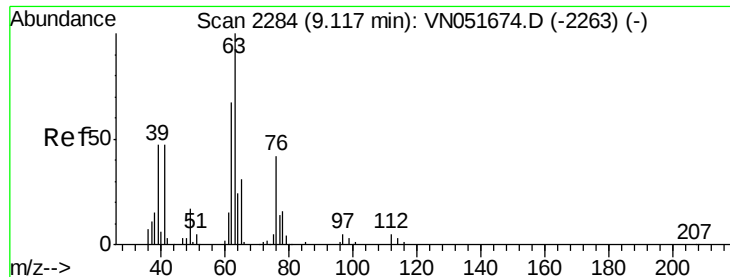
#38
 Methylcyclohexane
 Concen: 21.747 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Tgt Ion: 83 Resp: 243154
 Ion Ratio Lower Upper
 83 100
 55 65.4 43.0 129.2
 98 48.5 21.3 63.7



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





#39

1,2-Dichloropropane

Concen: 20.836 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

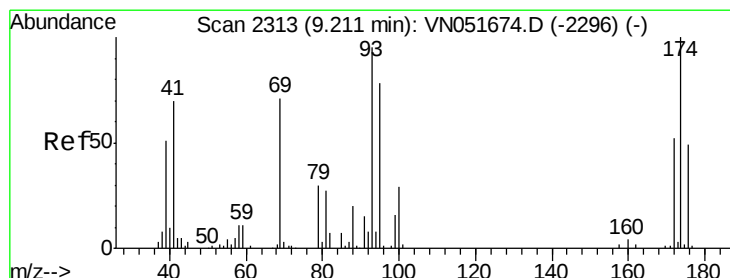
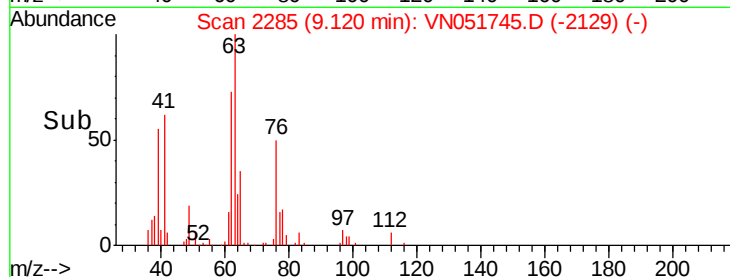
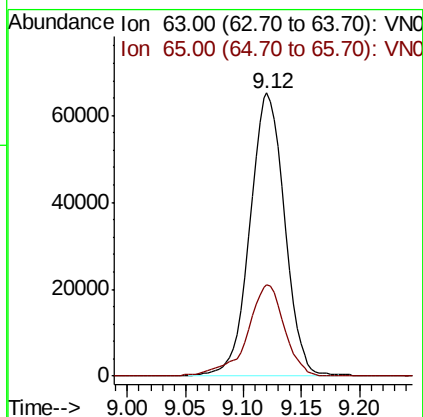
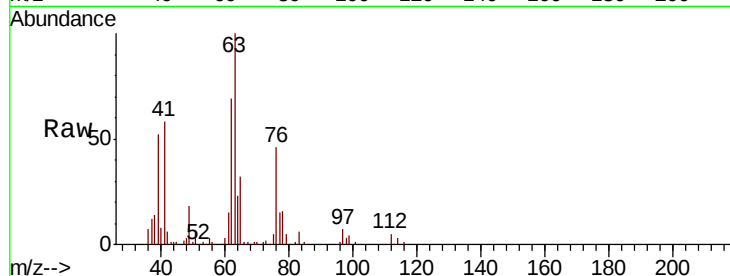
VN1009WBS01

Tot Ion: 63 Resp: 136310

Ion Ratio Lower Upper

63 100

65 32.1 23.2 34.8



#40

Dibromomethane

Concen: 22.019 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

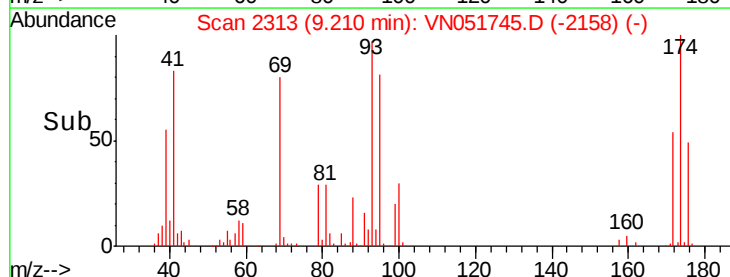
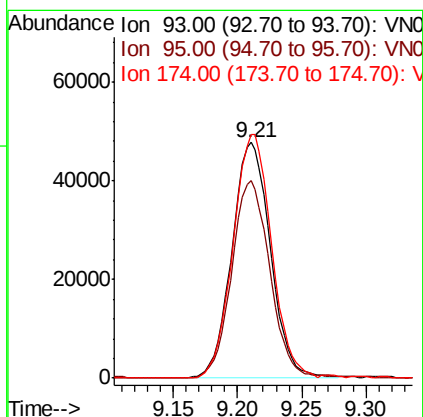
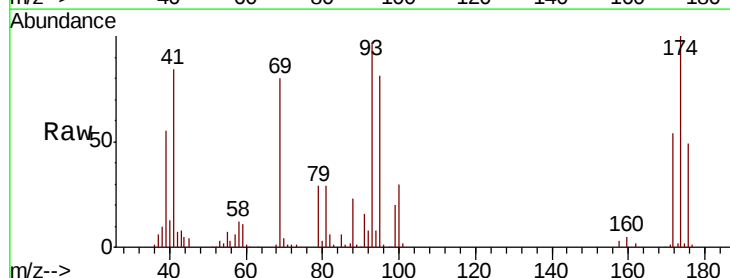
Tgt Ion: 93 Resp: 99653

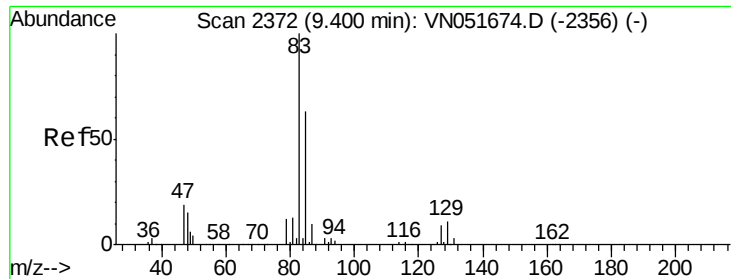
Ion Ratio Lower Upper

93 100

95 82.9 0.0 162.0

174 103.0 0.0 214.0





#41

Bromodichloromethane

Concen: 21.114 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

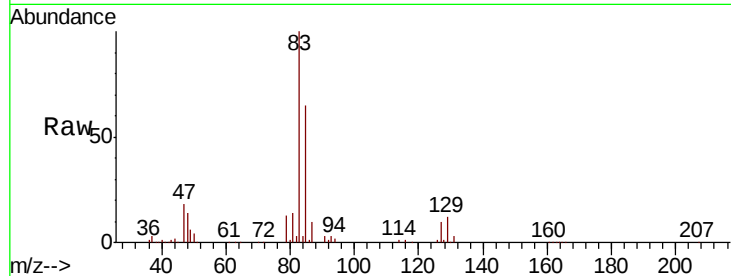
Tot Ion: 83 Resp: 213252

Ion Ratio Lower Upper

83 100

85 65.1 55.7 83.5

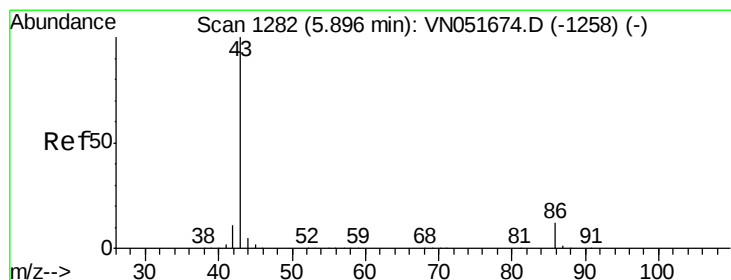
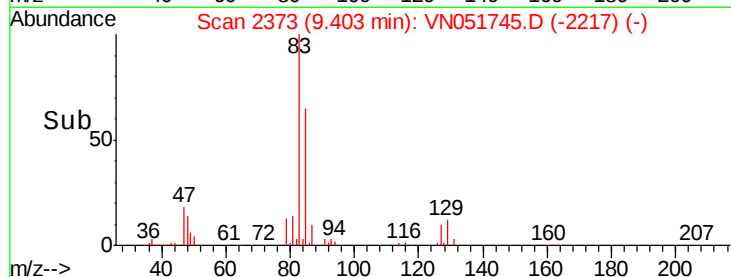
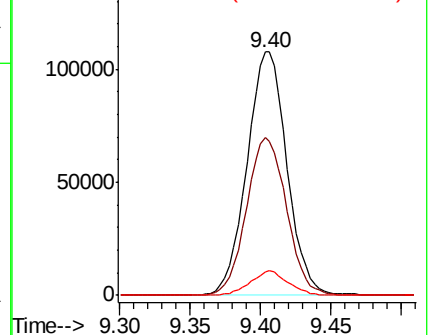
127 9.6 8.2 12.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 103.048 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051745.D

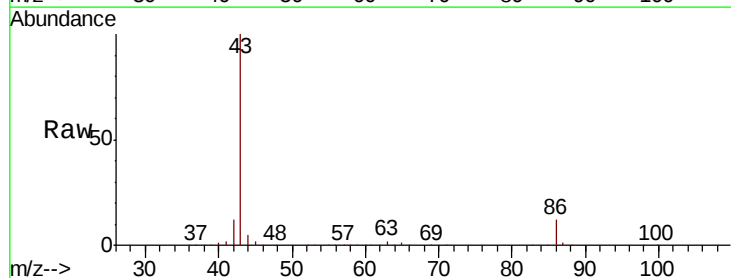
Acq: 9 Oct 2018 12:28

Tgt Ion: 43 Resp: 1305651

Ion Ratio Lower Upper

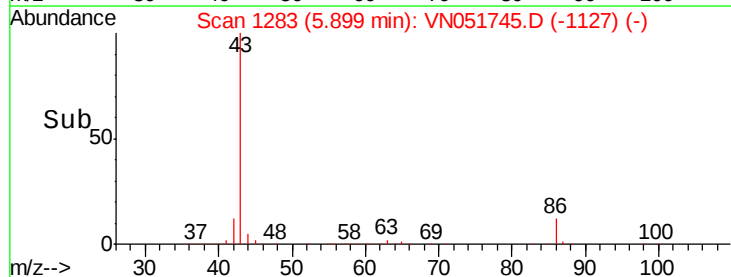
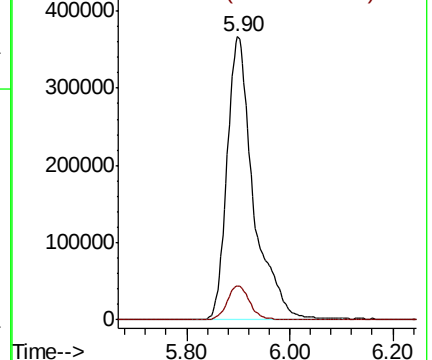
43 100

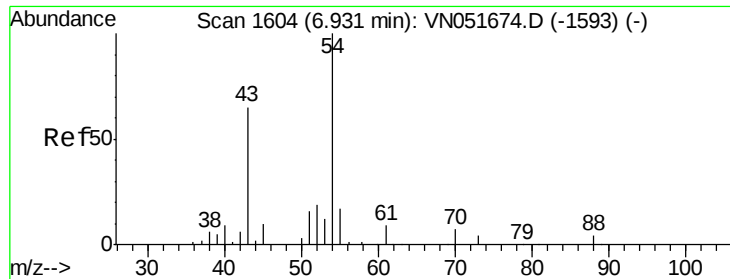
86 10.2 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

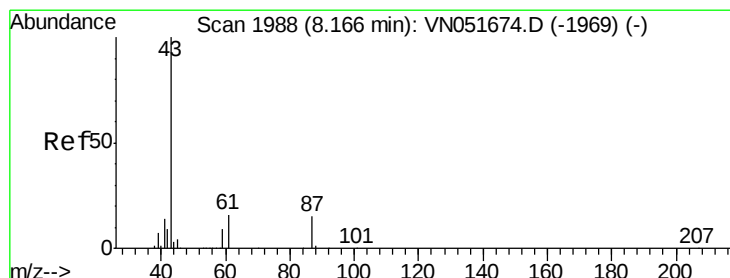
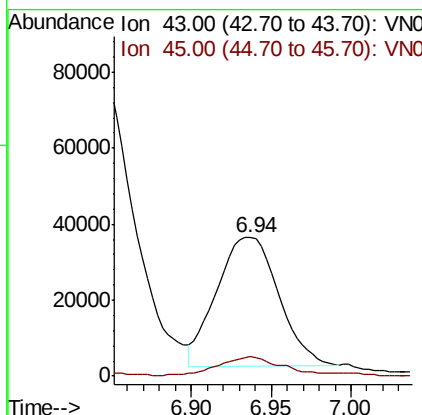
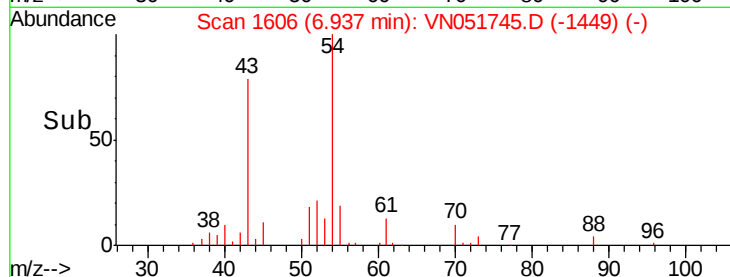
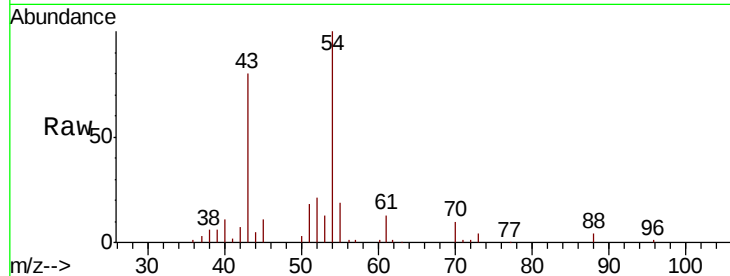




#43
Ethyl Acetate
Concen: 19.966 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

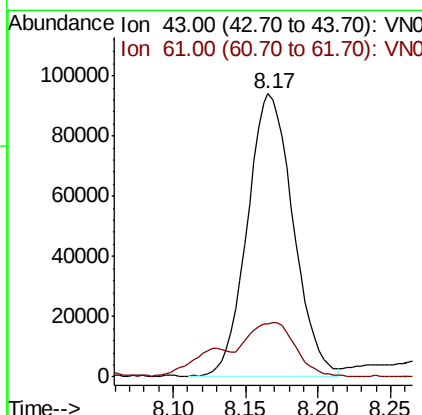
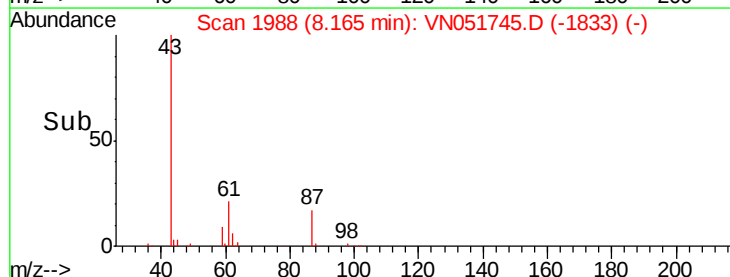
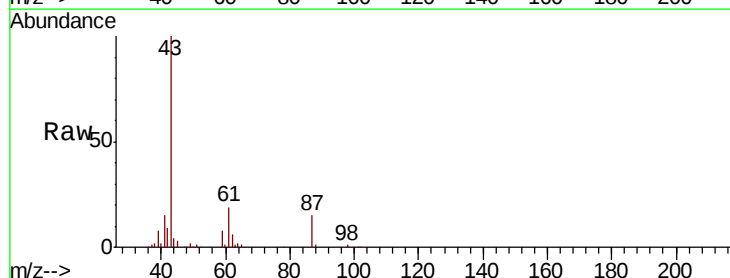
Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

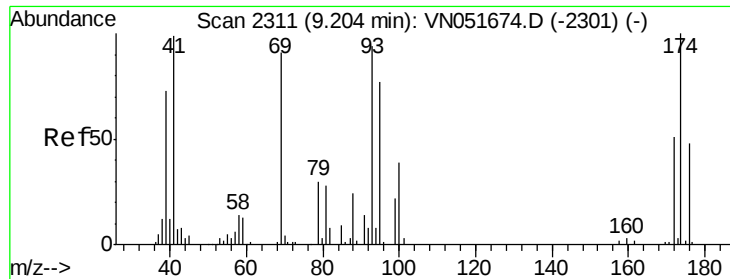
Tot Ion: 43 Resp: 90337
Ion Ratio Lower Upper
43 100
45 14.1 11.0 16.6



#44
Isopropyl Acetate
Concen: 20.558 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion: 43 Resp: 205720
Ion Ratio Lower Upper
43 100
61 21.3 15.9 23.9

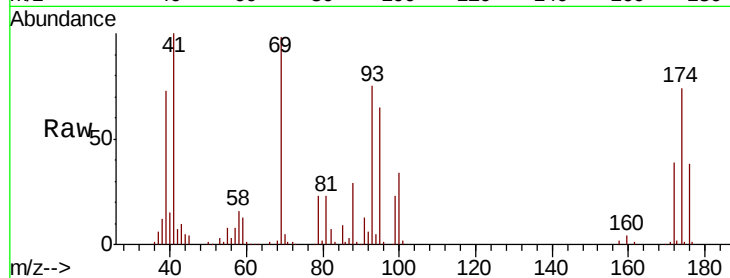




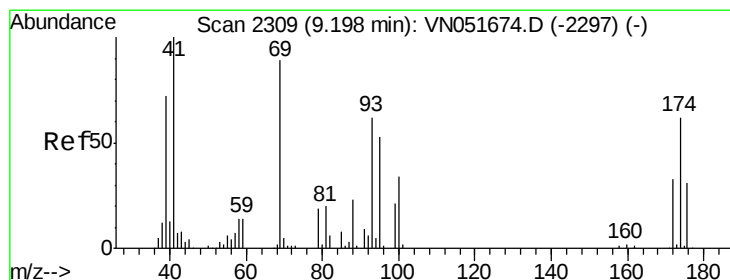
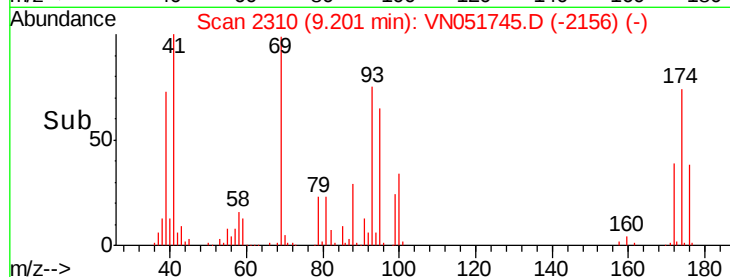
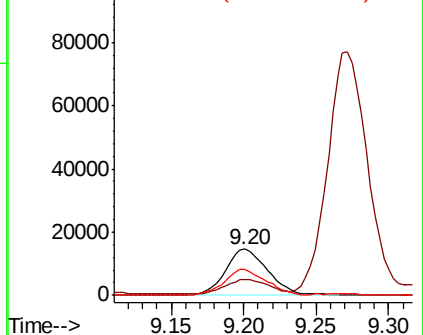
#45
 1,4-Dioxane
 Concen: 469.670 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tot Ion: 88 Resp: 29696
 Ion Ratio Lower Upper
 88 100
 43 30.8 26.2 39.2
 58 56.2 65.6 98.4#

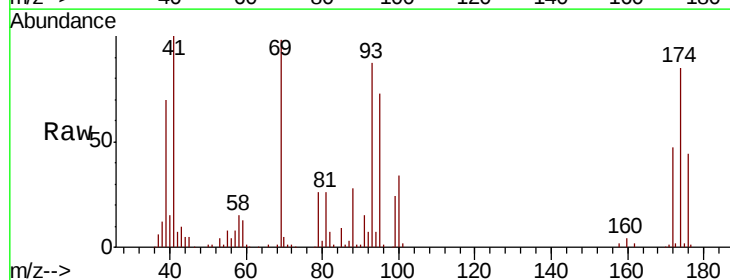


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

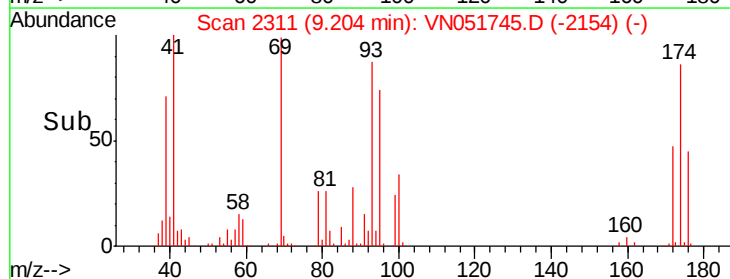
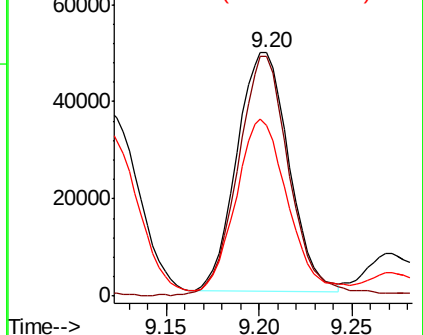


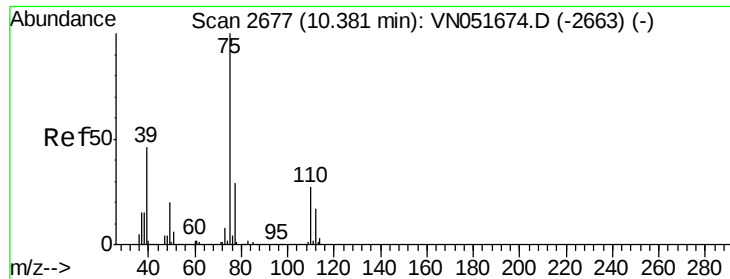
#46
 Methyl methacrylate
 Concen: 21.587 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.01 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Tgt Ion: 41 Resp: 96305
 Ion Ratio Lower Upper
 41 100
 69 99.5 40.7 122.1
 39 69.2 27.3 81.9



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





#48

t-1,3-Dichloropropene

Concen: 19.980 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampled :

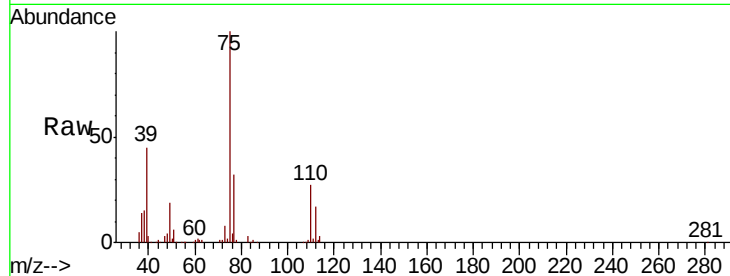
VN1009WBS01

Tot Ion: 75 Resp: 204149

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

120000

100000

80000

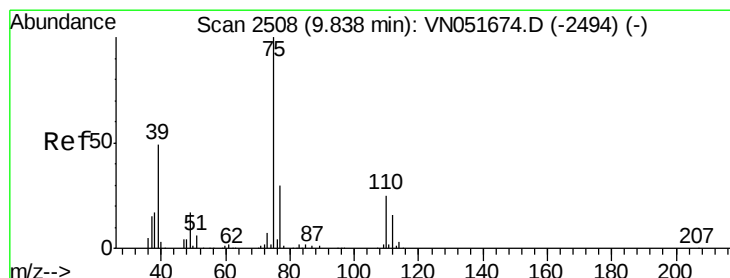
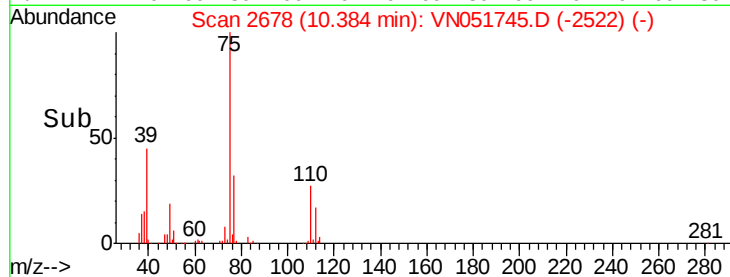
60000

40000

20000

0

Time-->



#49

cis-1,3-Dichloropropene

Concen: 20.268 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

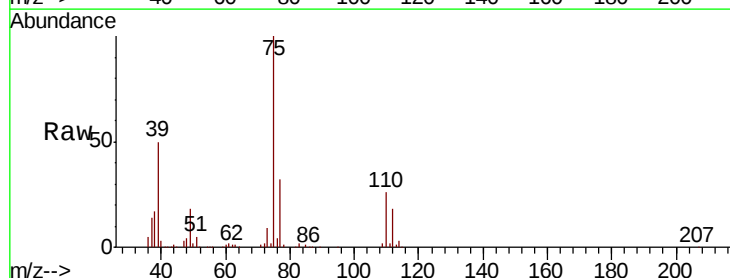
Tgt Ion: 75 Resp: 223201

Ion Ratio Lower Upper

75 100

77 32.1 23.2 34.8

39 49.8 34.6 52.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

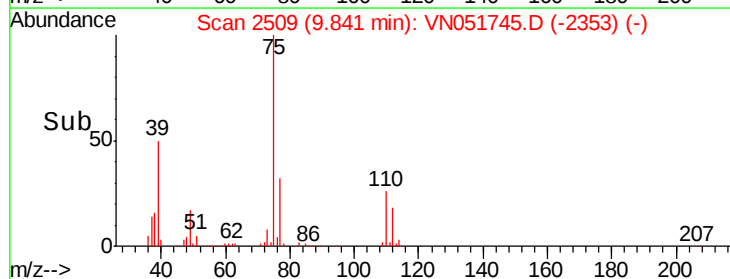
150000

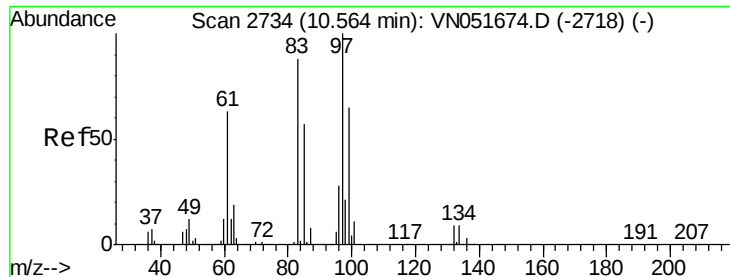
100000

50000

0

Time-->

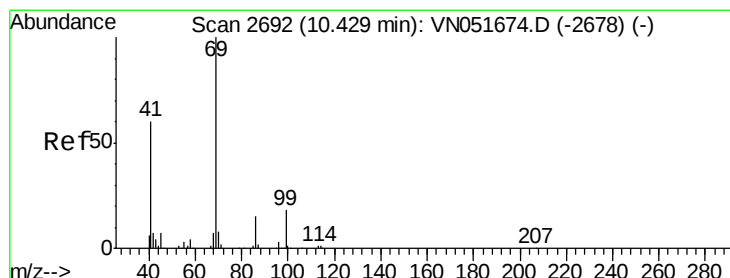
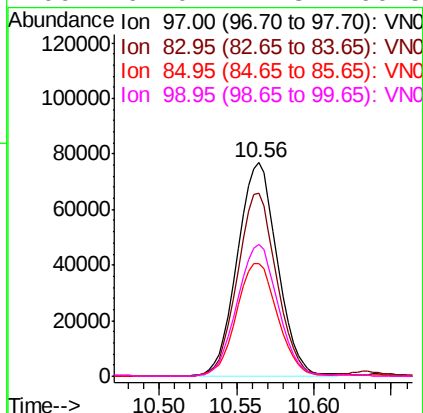
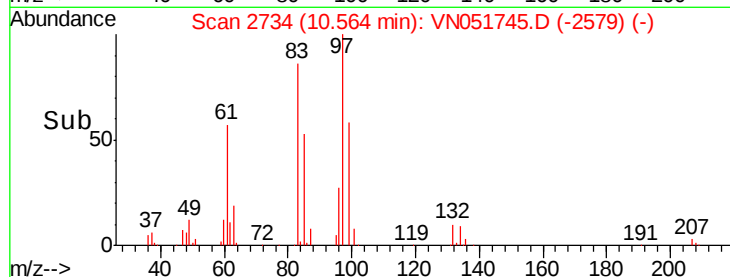
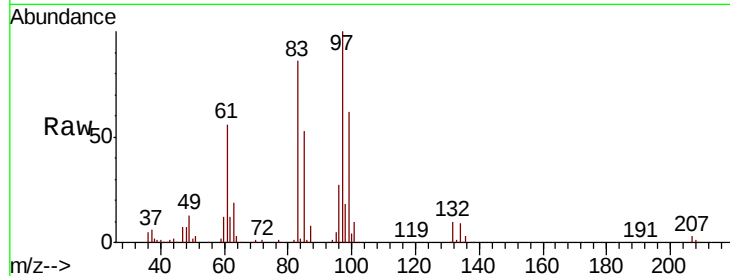




#50
 1,1,2-Trichloroethane
 Concen: 21.738 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

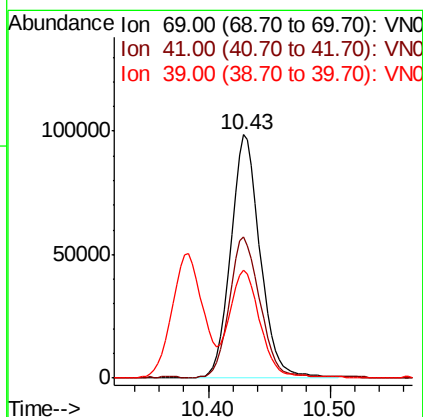
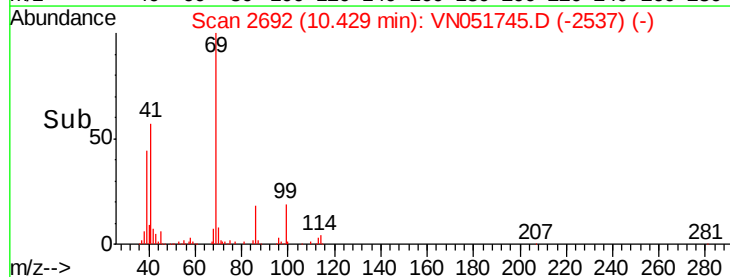
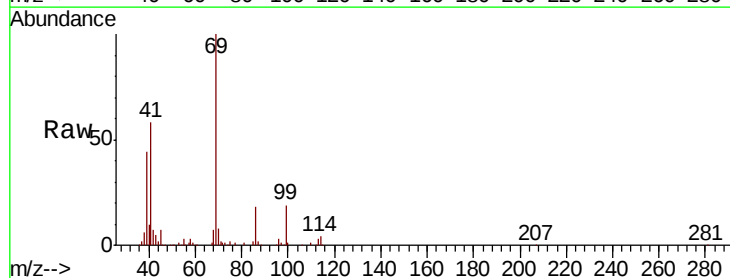
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

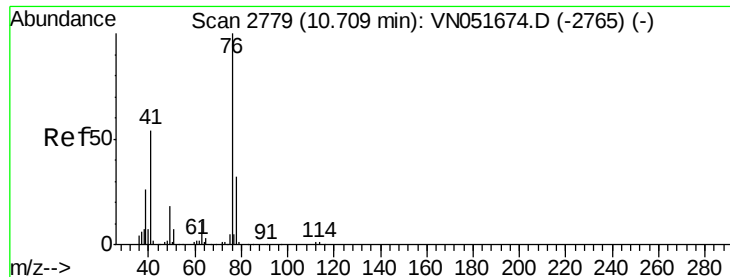
Tot Ion:	97	Resp:	138750
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.2	102.4
85	52.8	42.5	63.7
99	62.0	44.3	66.5



#51
 Ethyl methacrylate
 Concen: 20.451 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Tgt Ion:	69	Resp:	166014
Ion	Ratio	Lower	Upper
69	100		
41	57.4	34.4	103.1
39	43.7	16.3	48.8





#52

1,3-Dichloropropane

Concen: 21.082 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

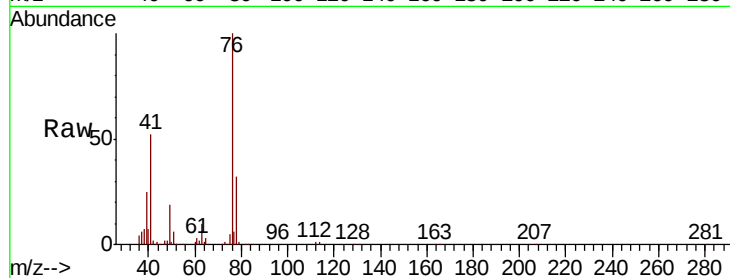
VN1009WBS01

Tot Ion: 76 Resp: 214293

Ion Ratio Lower Upper

76 100

78 32.8 0.0 67.6



Abundance Ion 76.00 (75.70 to 76.70): VN051674.D (-2765) (-)

Ion 78.00 (77.70 to 78.70): VN051674.D (-2765) (-)

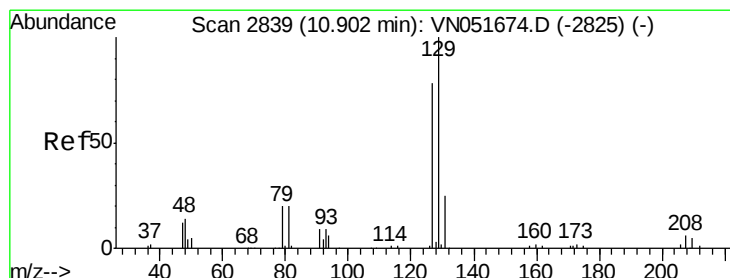
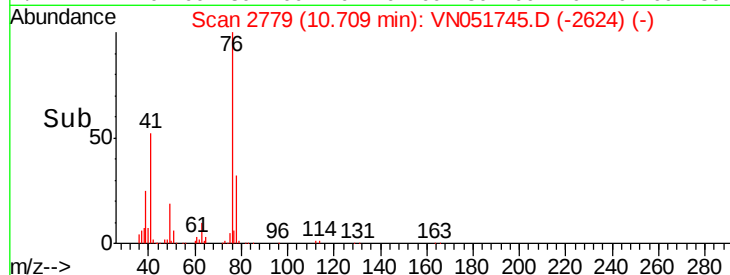
10.71

100000

50000

0

Time-->



#53

Dibromochloromethane

Concen: 19.862 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN051745.D

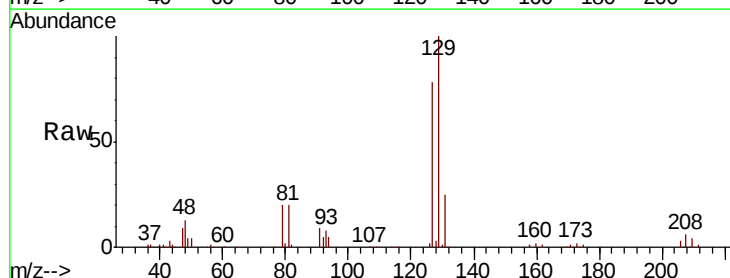
Acq: 9 Oct 2018 12:28

Tgt Ion: 129 Resp: 166516

Ion Ratio Lower Upper

129 100

127 77.8 40.2 120.5



Abundance Ion 129.00 (128.70 to 129.70): VN051674.D (-2825) (-)

Ion 127.00 (126.70 to 127.70): VN051674.D (-2825) (-)

10.90

100000

80000

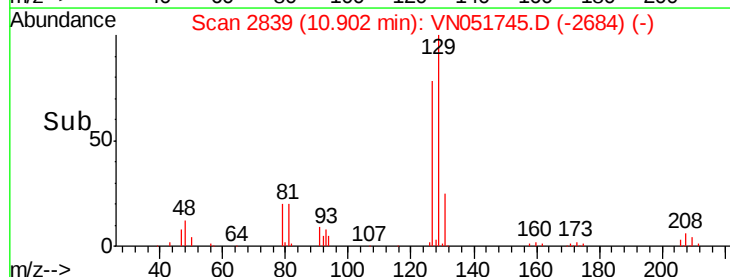
60000

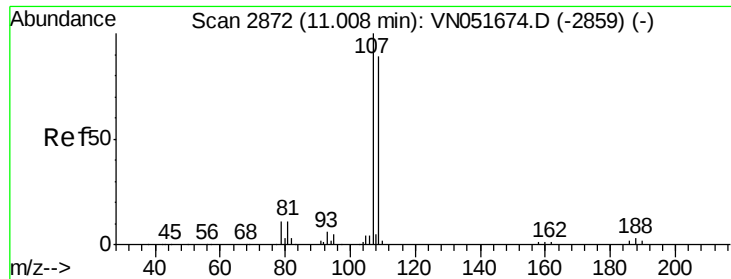
40000

20000

0

Time-->





#54

1,2-Dibromoethane

Concen: 21.012 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

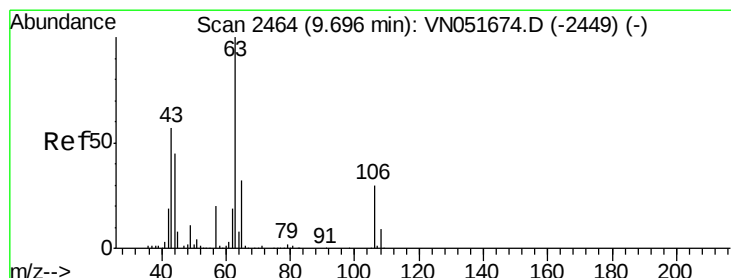
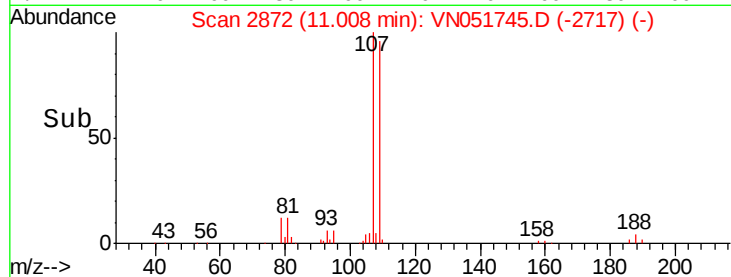
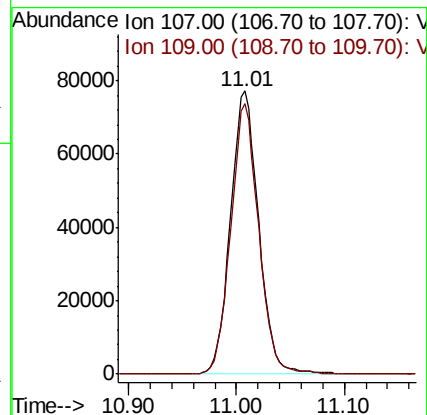
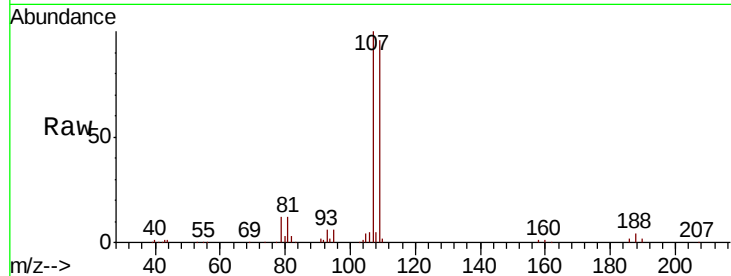
VN1009WBS01

Tot Ion:107 Resp: 140698

Ion Ratio Lower Upper

107 100

109 93.9 77.4 116.0



#55

2-Chloroethyl vinyl ether

Concen: 92.019 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

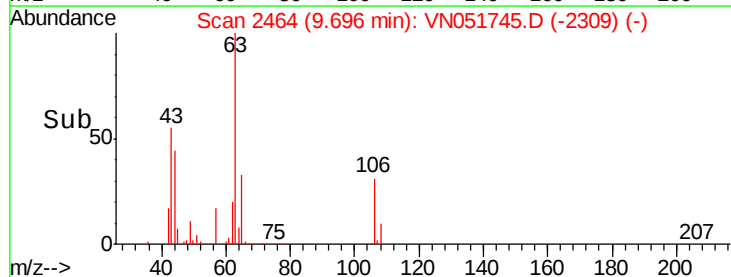
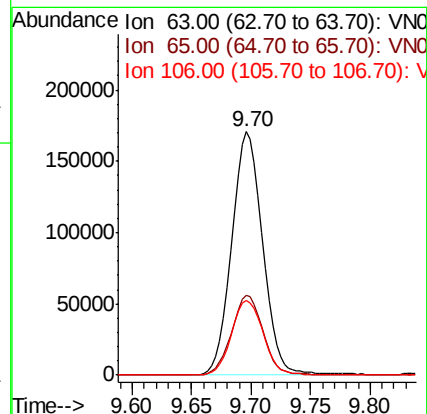
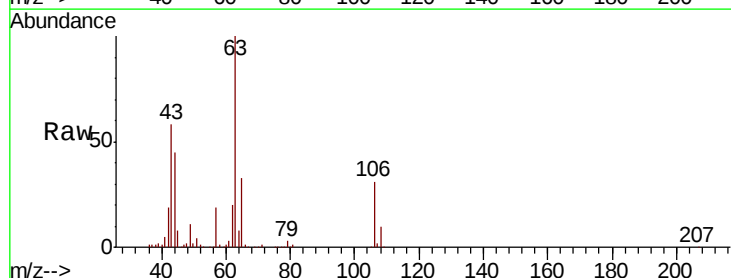
Tgt Ion: 63 Resp: 309450

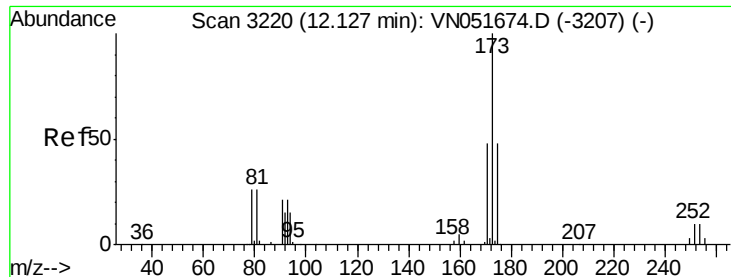
Ion Ratio Lower Upper

63 100

65 32.8 25.4 38.0

106 31.4 21.2 31.8

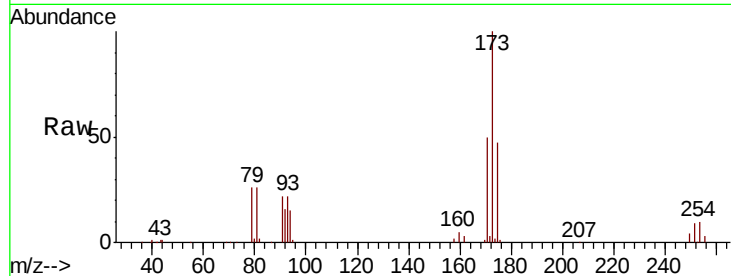




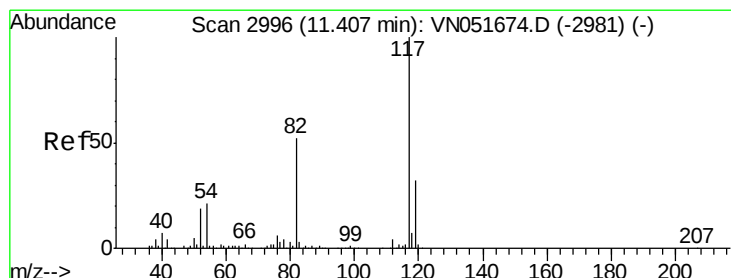
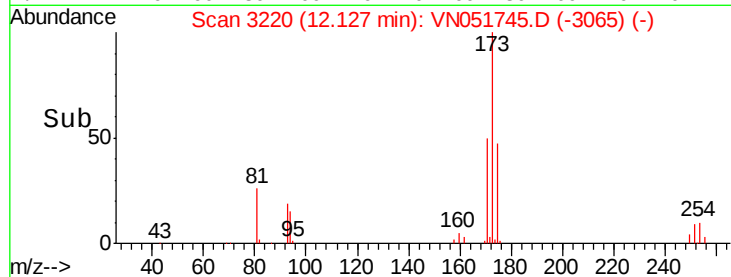
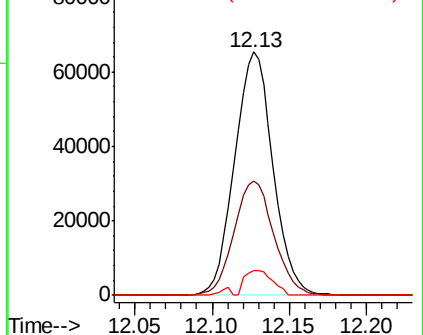
#56
Bromoform
Concen: 18.709 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

Tot Ion:173 Resp: 112441
Ion Ratio Lower Upper
173 100
175 48.6 35.8 53.8
254 7.5 8.6 13.0#

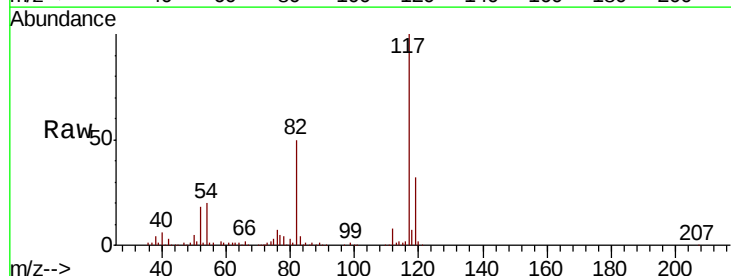


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

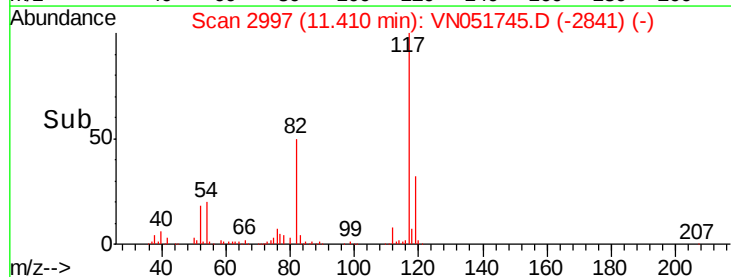
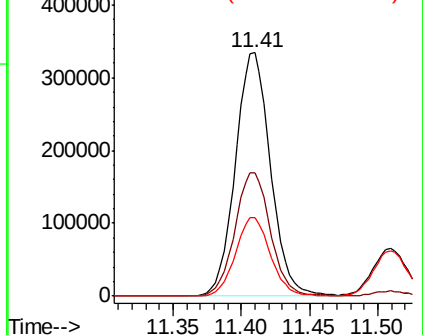


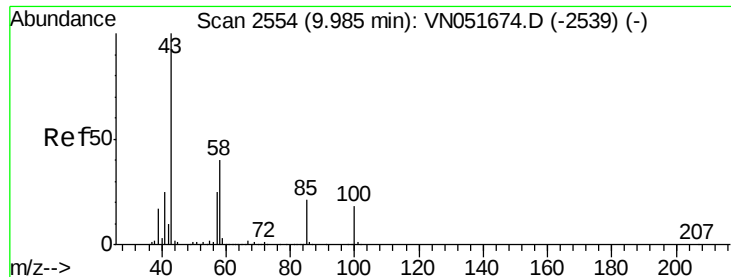
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion:117 Resp: 597314
Ion Ratio Lower Upper
117 100
82 51.2 44.1 66.1
119 32.1 25.8 38.8



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

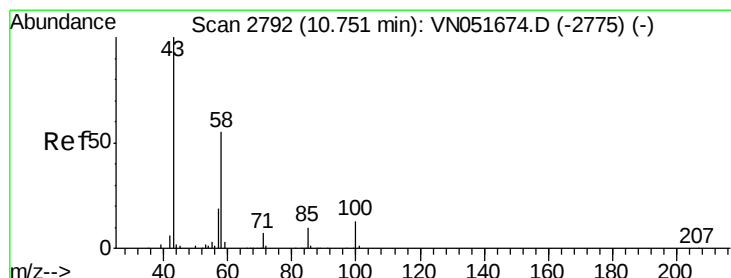
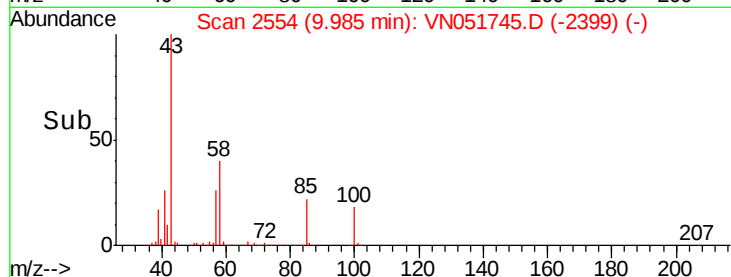
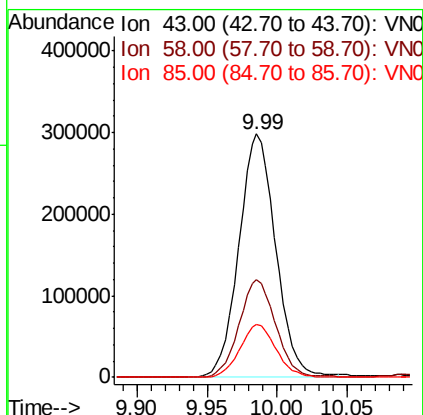
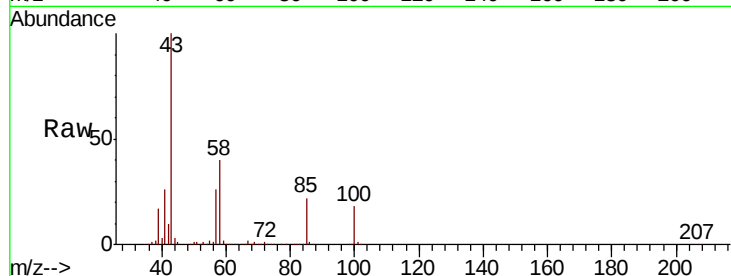




#58
 4-Methyl-2-Pentanone
 Concen: 110.674 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

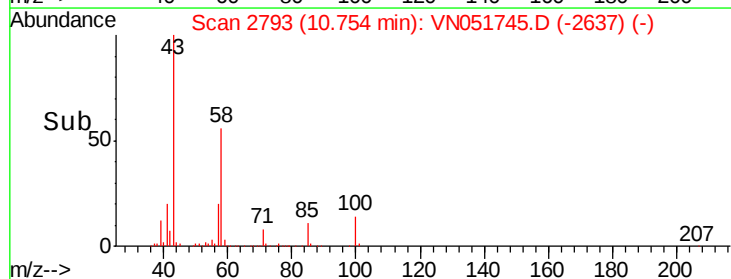
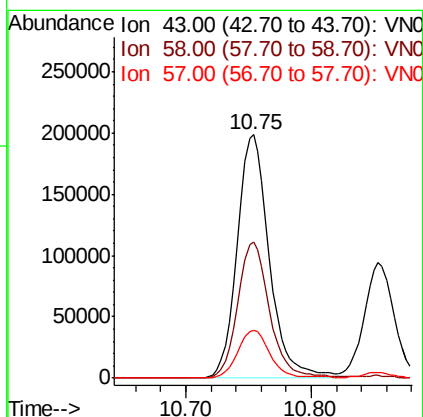
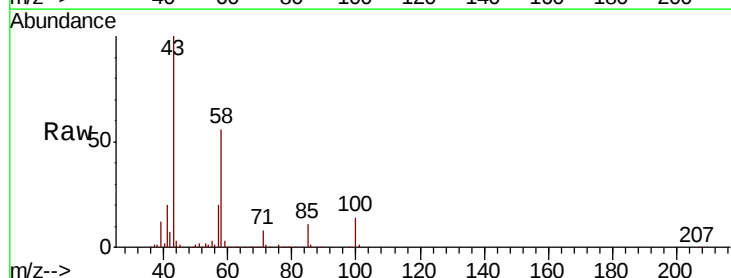
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

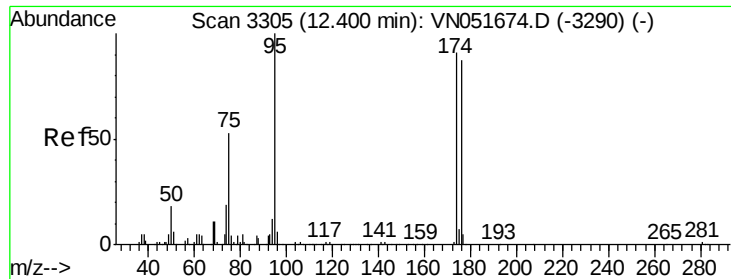
Tot Ion	43	Resp	542771
Ion Ratio	Lower	Upper	
43	100		
58	40.2	29.3	43.9
85	21.3	12.6	18.8#



#59
 2-Hexanone
 Concen: 105.893 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Tgt Ion	43	Resp	351513
Ion Ratio	Lower	Upper	
43	100		
58	55.6	41.3	61.9
57	20.3	13.4	20.0#





#60

4-Bromofluorobenzene

Concen: 105.893 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

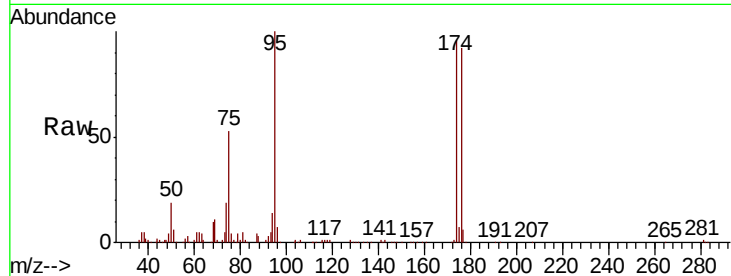
Tot Ion: 95 Resp: 252796

Ion Ratio Lower Upper

95 100

174 95.8 73.5 110.3

176 92.4 70.2 105.2

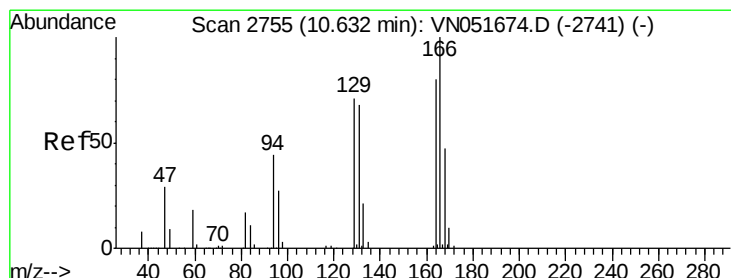
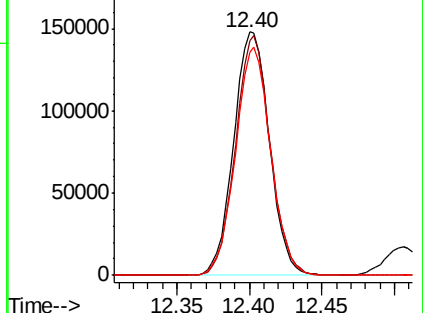
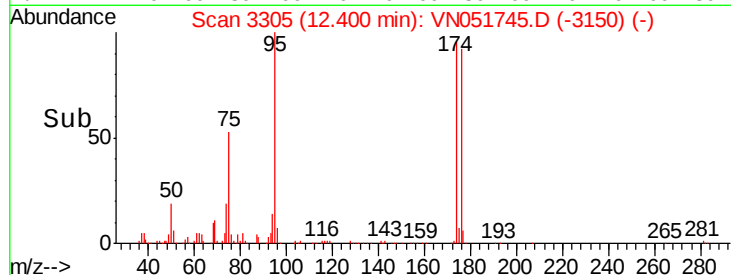


Abundance

Ion 95.00 (94.70 to 95.70): VN051745.D (-3150) (-)

Ion 174.00 (173.70 to 174.70): VN051745.D (-3150) (-)

Ion 176.00 (175.70 to 176.70): VN051745.D (-3150) (-)



#61

Tetrachloroethene

Concen: 22.641 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Tgt Ion: 164 Resp: 159322

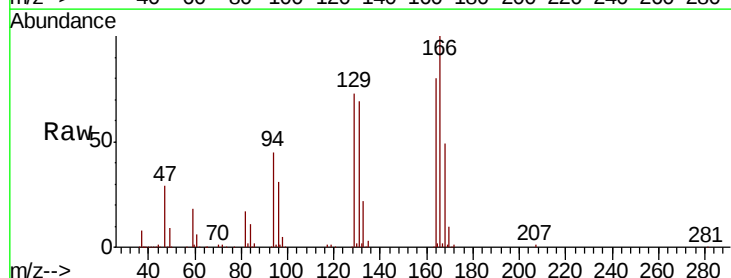
Ion Ratio Lower Upper

164 100

166 124.7 98.7 148.1

129 90.9 69.6 104.4

131 86.6 72.4 108.6



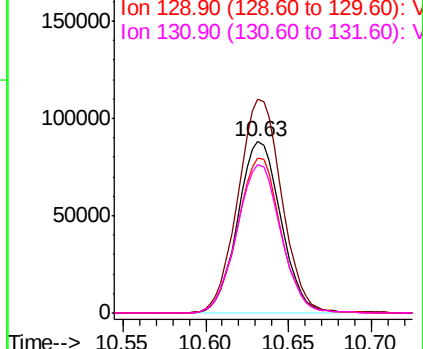
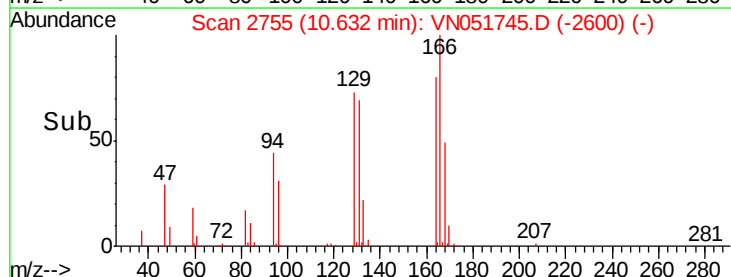
Abundance

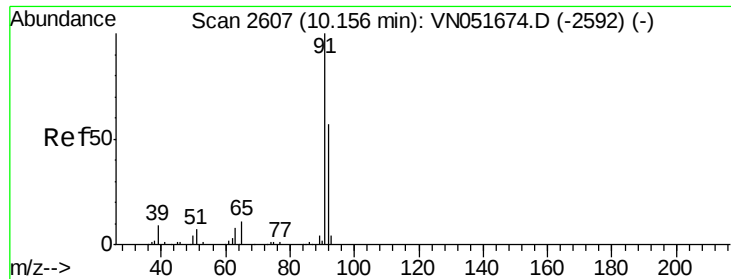
Ion 163.85 (163.55 to 164.55): VN051745.D (-2600) (-)

Ion 165.80 (165.50 to 166.50): VN051745.D (-2600) (-)

Ion 128.90 (128.60 to 129.60): VN051745.D (-2600) (-)

Ion 130.90 (130.60 to 131.60): VN051745.D (-2600) (-)





#62

Toluene

Concen: 21.629 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

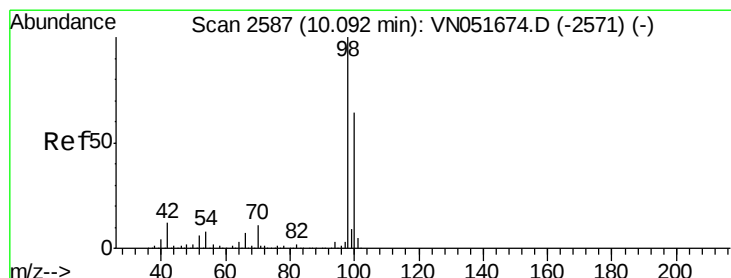
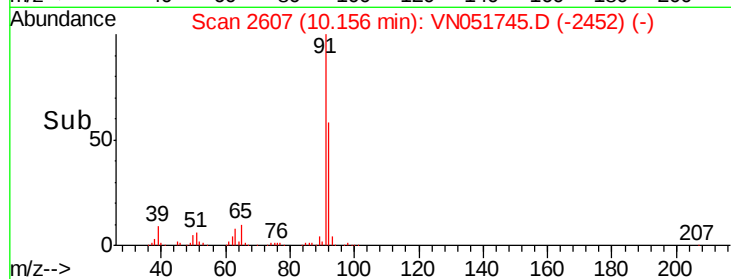
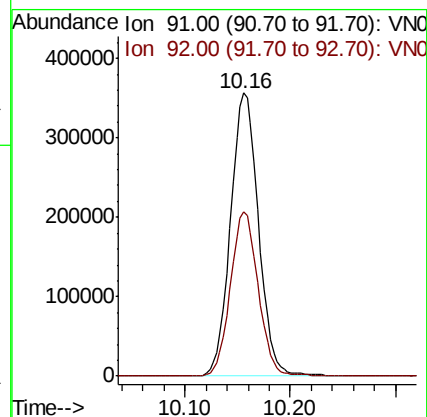
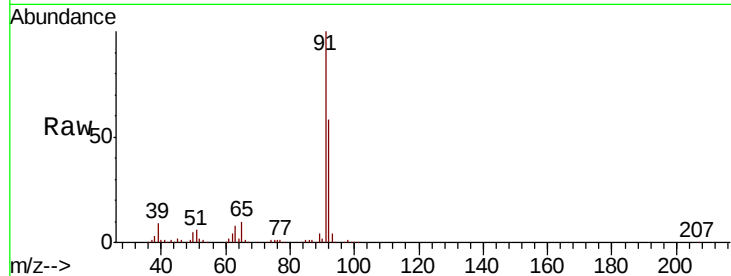
VN1009WBS01

Tot Ion: 91 Resp: 654444

Ion Ratio Lower Upper

91 100

92 57.8 44.6 66.8



#63

Toluene-d8

Concen: 21.629 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051745.D

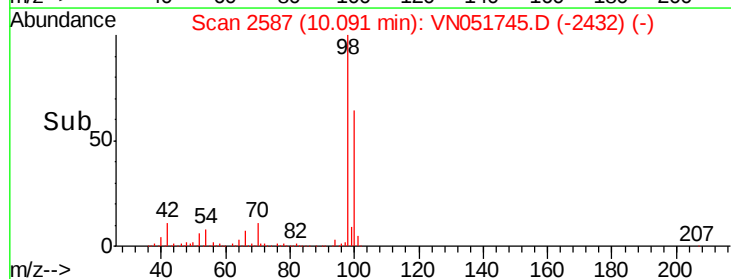
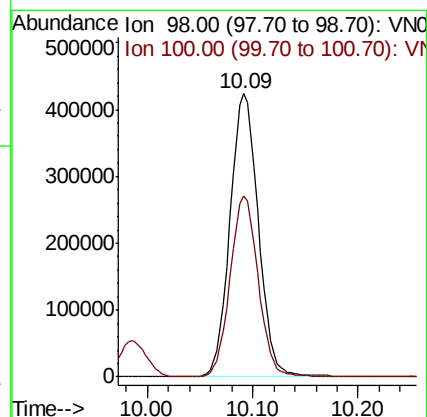
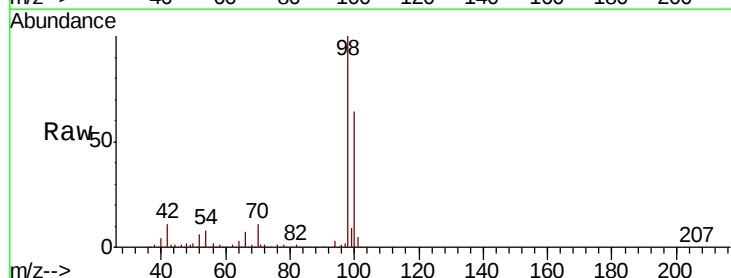
Acq: 9 Oct 2018 12:28

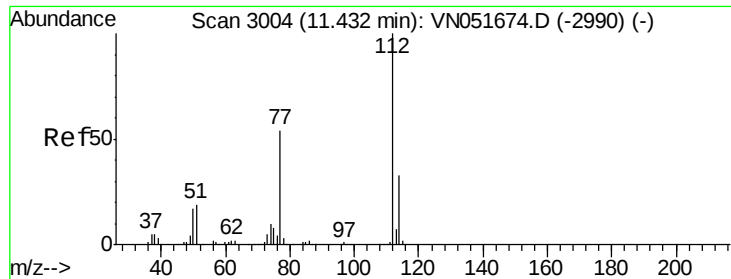
Tgt Ion: 98 Resp: 789262

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2

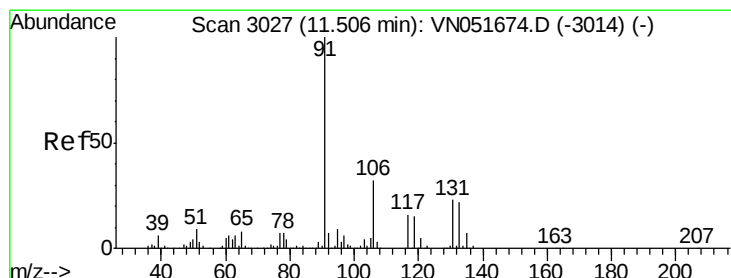
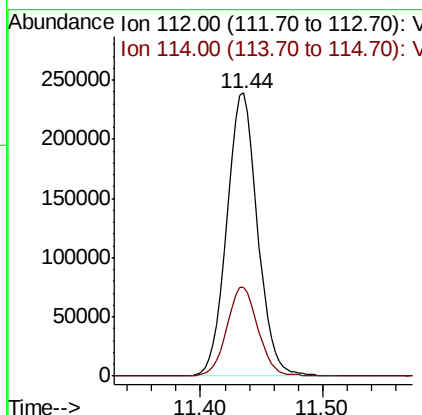
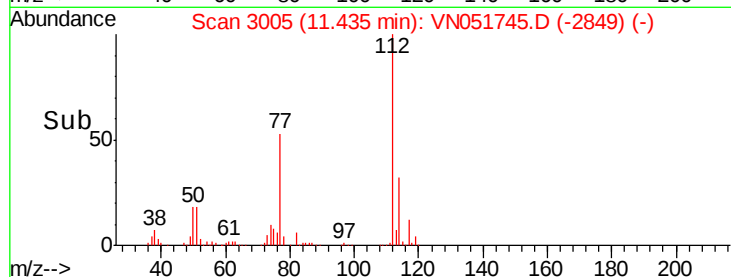
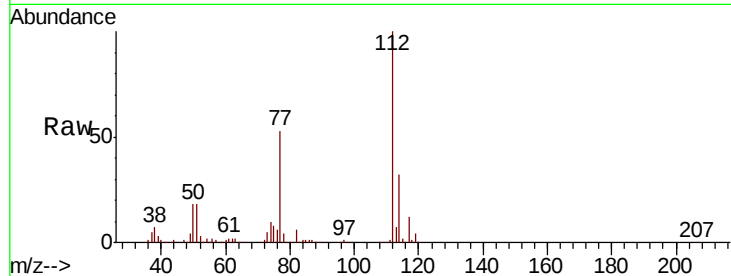




#64
Chlorobenzene
Concen: 21.738 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

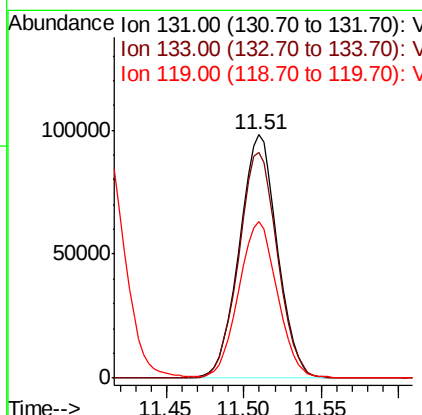
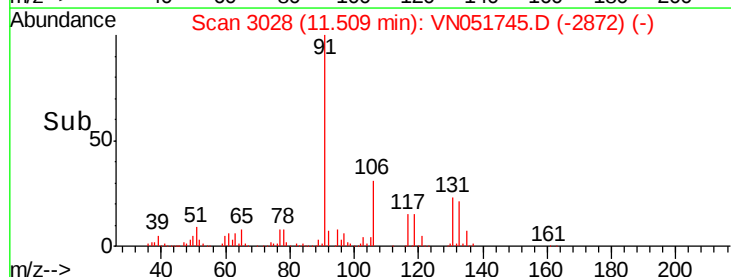
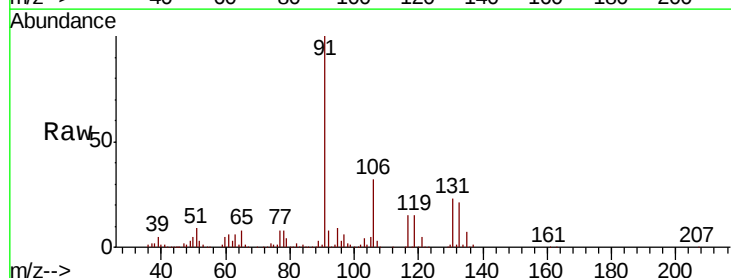
Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

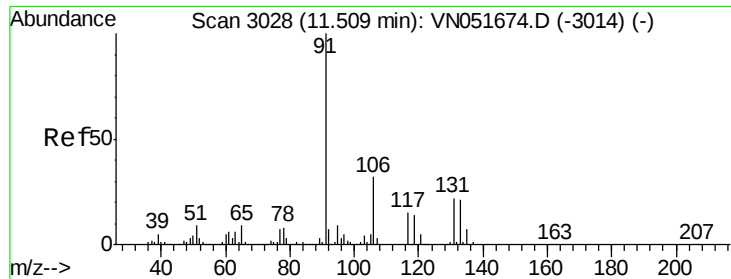
Tot Ion:112 Resp: 422168
Ion Ratio Lower Upper
112 100
114 31.5 27.5 41.3



#65
1,1,1,2-Tetrachloroethane
Concen: 21.263 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion:131 Resp: 168066
Ion Ratio Lower Upper
131 100
133 94.7 0.0 190.4
119 65.4 0.0 128.0

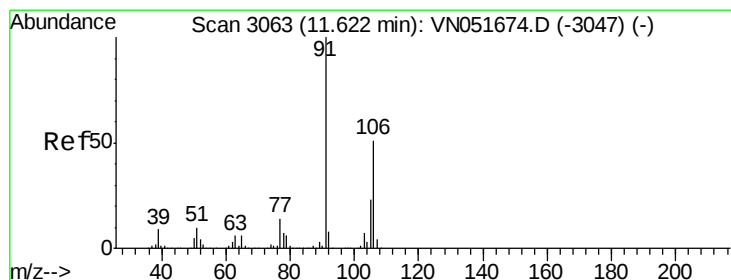
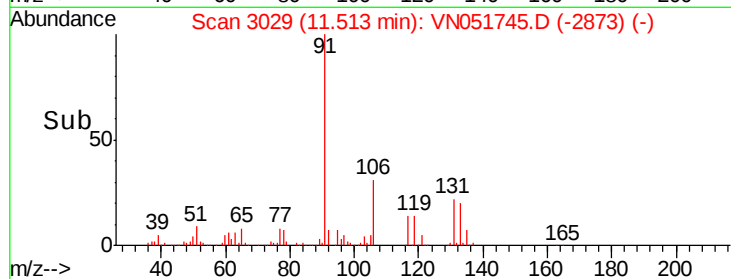
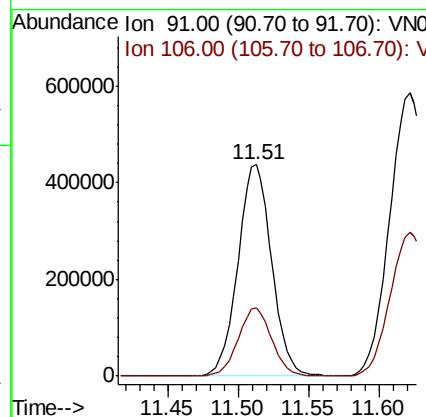
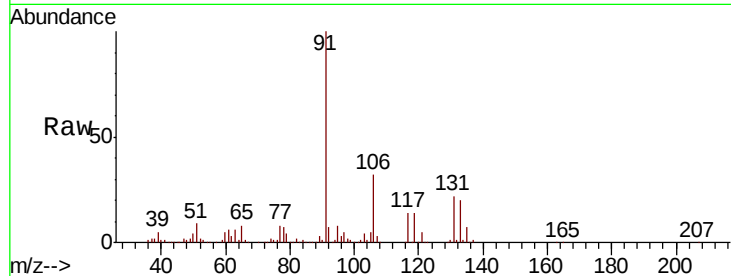




#66
Ethyl Benzene
Concen: 21.511 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

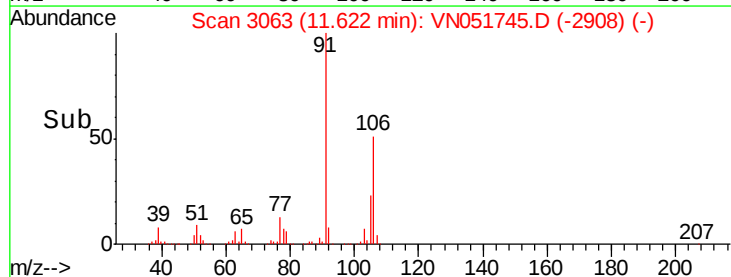
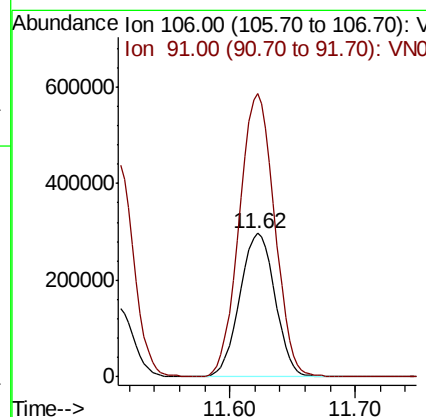
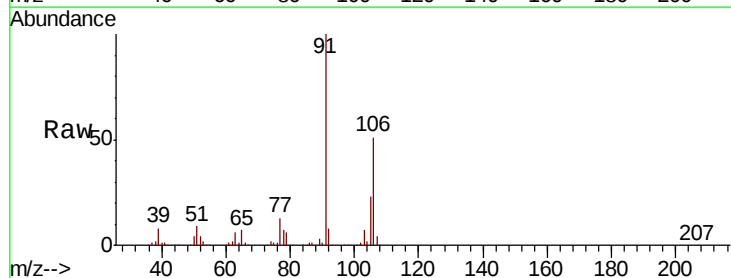
Instrument :
MSVOA_N
ClientSampled :
VN1009WBS01

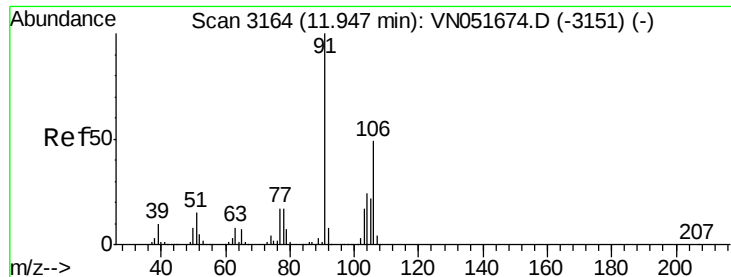
Tot Ion: 91 Resp: 732156
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#67
m/p-Xylenes
Concen: 42.793 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion: 106 Resp: 582568
Ion Ratio Lower Upper
106 100
91 197.1 158.8 238.2

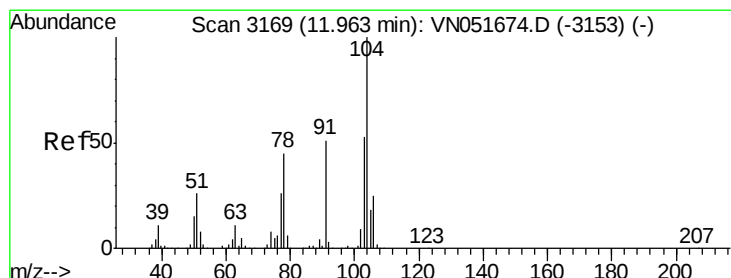
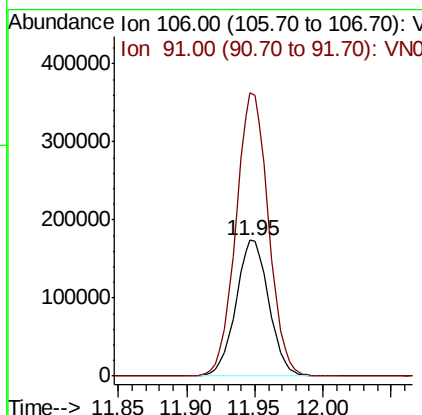
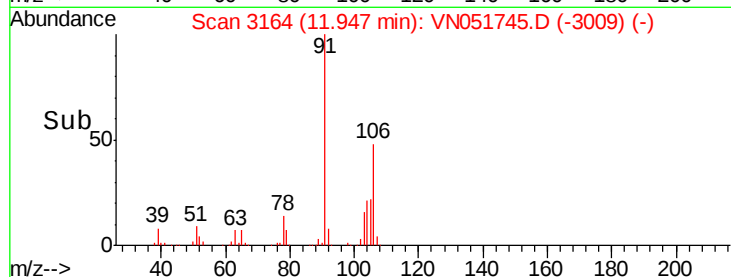
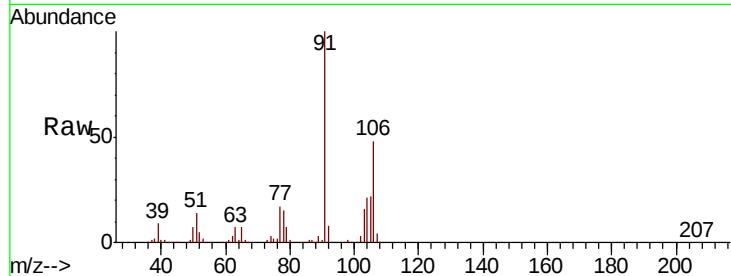




#68
o-Xylene
Concen: 21.682 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

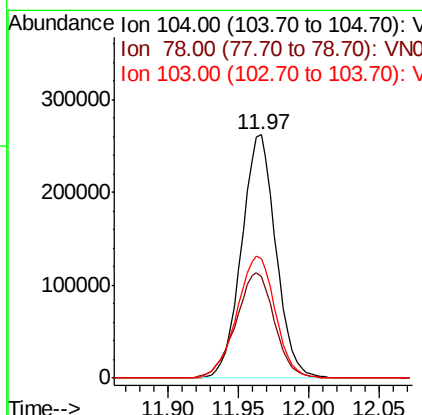
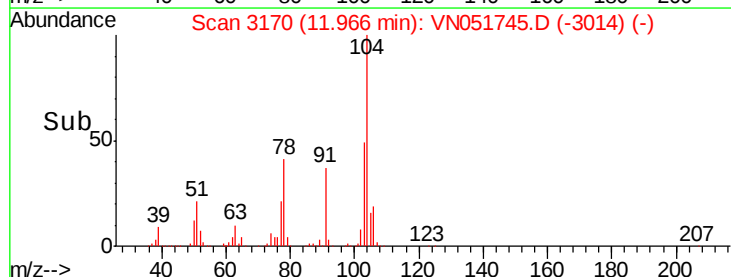
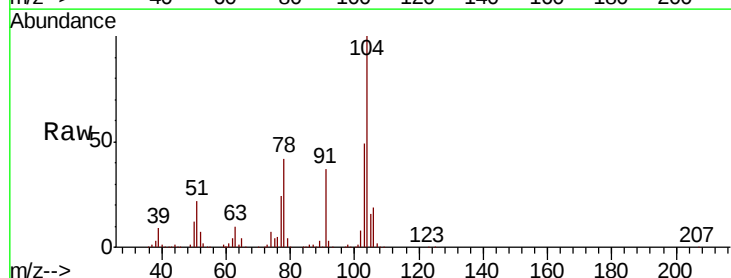
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

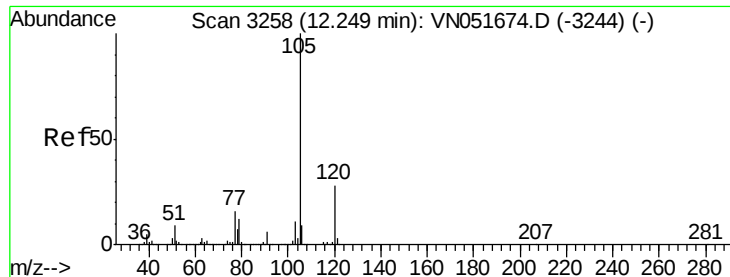
Tot Ion:106 Resp: 291124
Ion Ratio Lower Upper
106 100
91 206.0 111.1 333.3



#69
Styrene
Concen: 20.874 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051745.D
Acq: 9 Oct 2018 12:28

Tgt Ion:104 Resp: 447199
Ion Ratio Lower Upper
104 100
78 48.6 40.6 60.8
103 55.9 44.0 66.0





#70

Isopropylbenzene

Concen: 21.736 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampled :

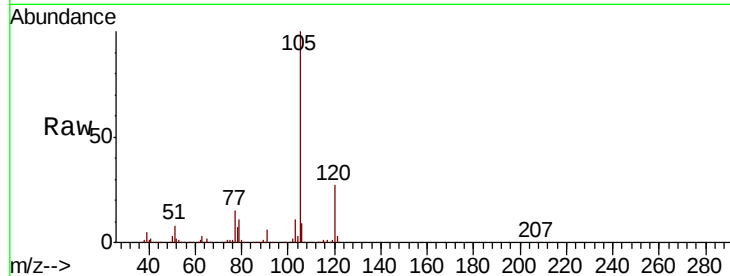
VN1009WBS01

Tot Ion:105 Resp: 784211

Ion Ratio Lower Upper

105 100

120 27.1 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

500000

400000

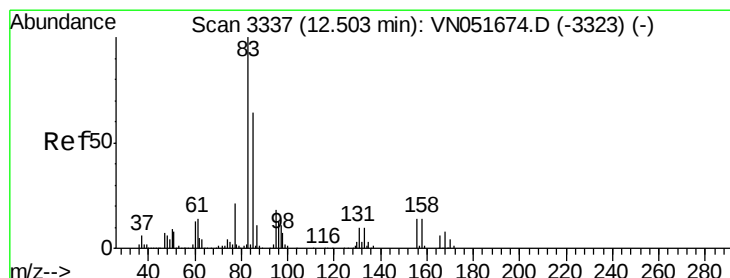
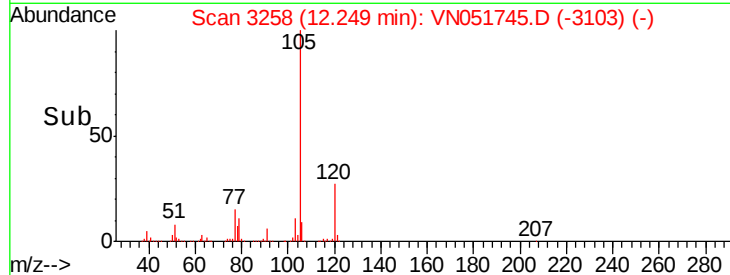
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#71

1,1,2,2-Tetrachloroethane

Concen: 21.633 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

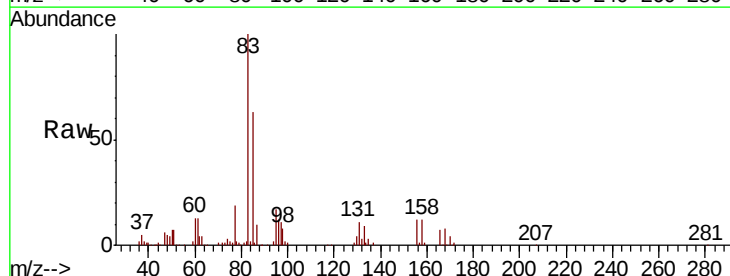
Tgt Ion: 83 Resp: 162998

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

85 66.1 30.6 91.8



Abundance Ion 83.00 (82.70 to 83.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): V

12.50

120000

100000

80000

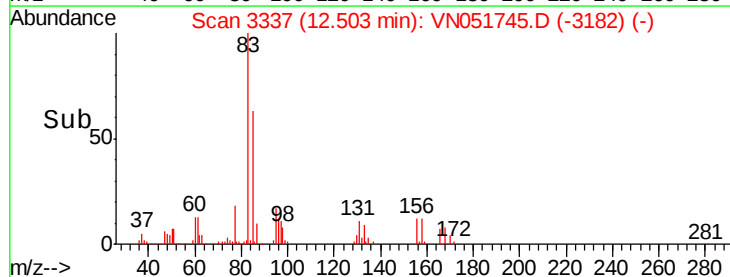
60000

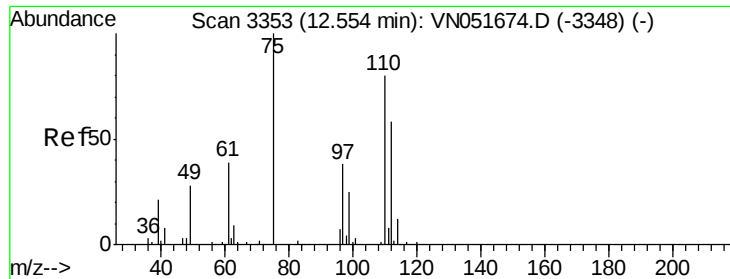
40000

20000

0

Time--> 12.45 12.50 12.55





#72

1,2,3-Trichloropropane

Concen: 33.118 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

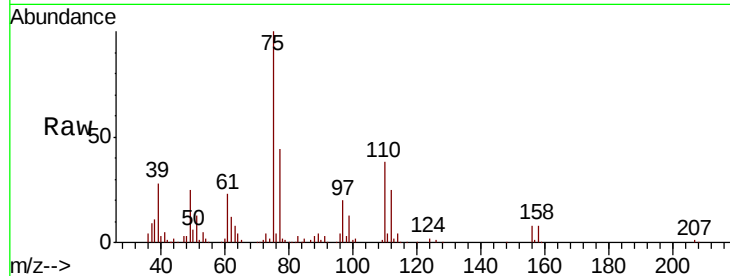
VN1009WBS01

Tot Ion: 75 Resp: 199062

Ion Ratio Lower Upper

75 100

77 147.4 0.0 400.0



Abundance Ion 75.00 (74.70 to 75.70): VN051674.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051674.D (-3348) (-)

150000

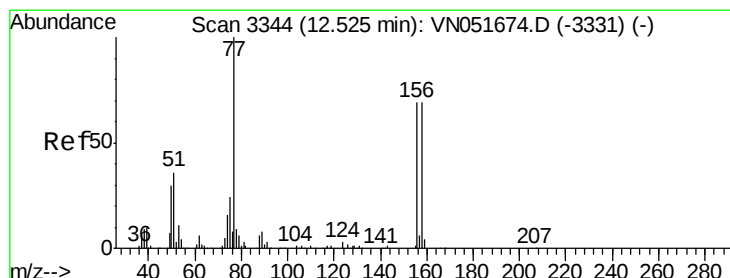
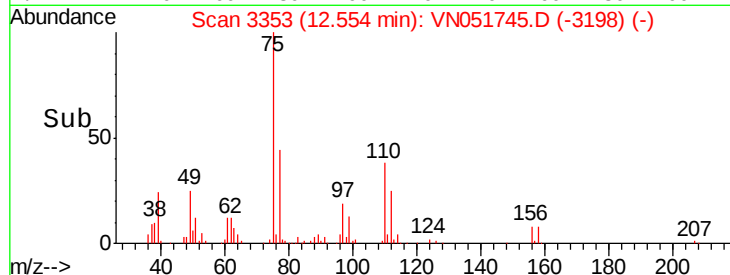
100000

50000

0

12.50 12.55 12.60

Time-->



#73

Bromobenzene

Concen: 20.427 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

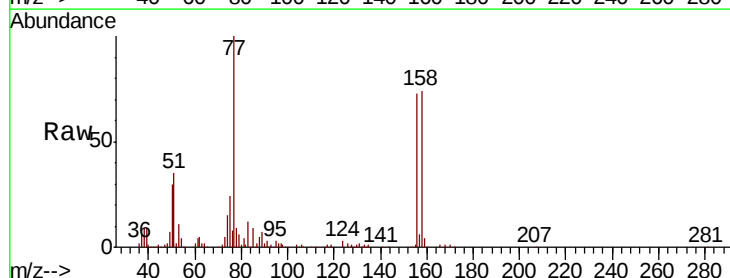
Tgt Ion: 156 Resp: 177257

Ion Ratio Lower Upper

156 100

77 165.6 0.0 377.4

158 100.0 0.0 203.0



Abundance Ion 156.00 (155.70 to 156.70): VN051674.D (-3331) (-)

Ion 77.00 (76.70 to 77.70): VN051674.D (-3331) (-)

Ion 158.00 (157.70 to 158.70): VN051674.D (-3331) (-)

150000

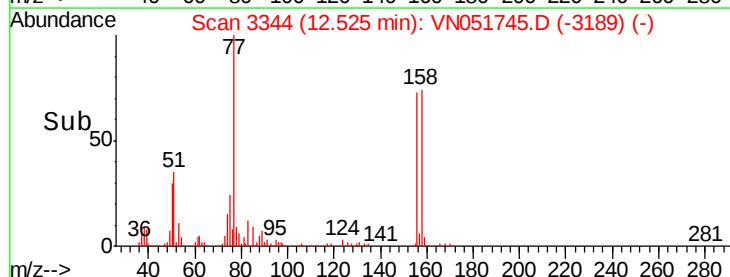
100000

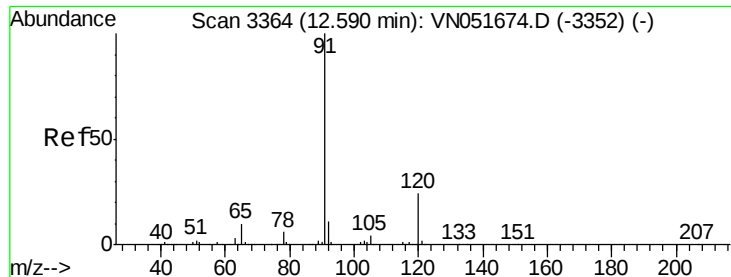
50000

0

12.45 12.50 12.55 12.60

Time-->





#74

n-propylbenzene

Concen: 21.067 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampled :

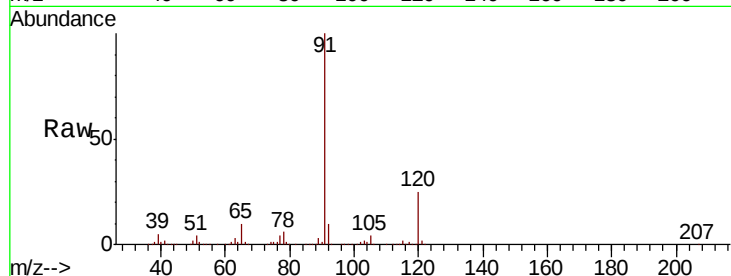
VN1009WBS01

Tot Ion: 91 Resp: 836727

Ion Ratio Lower Upper

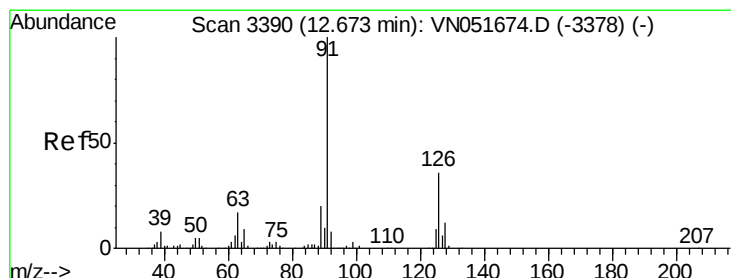
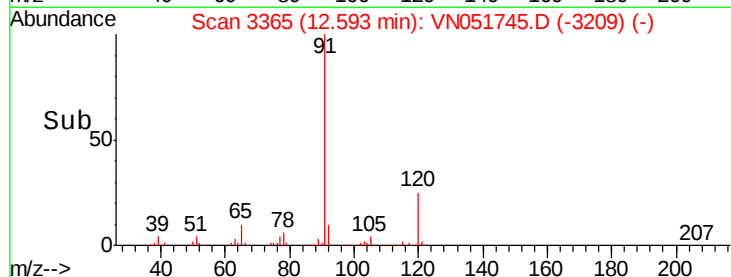
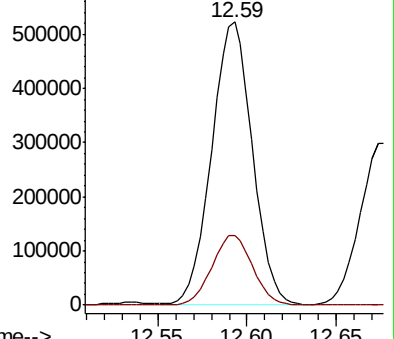
91 100

120 24.7 0.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#75

2-Chlorotoluene

Concen: 21.385 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051745.D

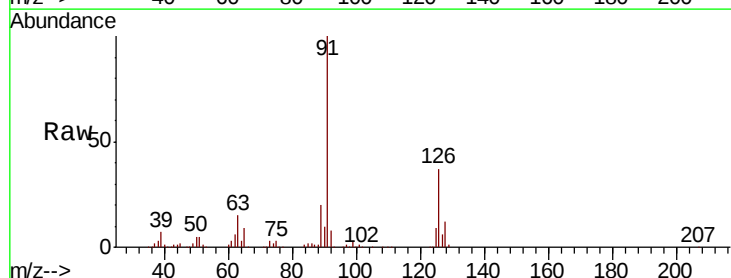
Acq: 9 Oct 2018 12:28

Tgt Ion: 91 Resp: 496280

Ion Ratio Lower Upper

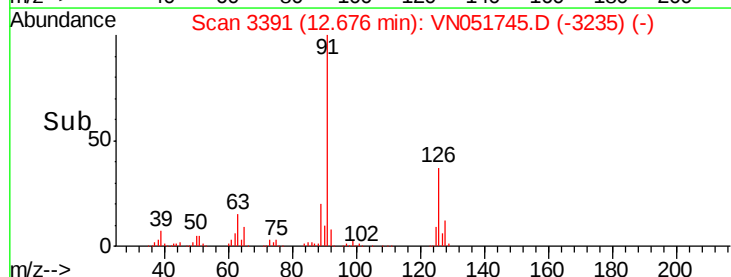
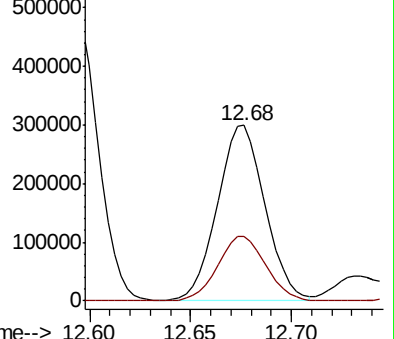
91 100

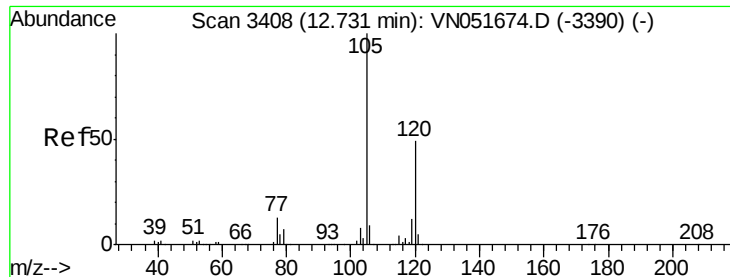
126 37.0 0.0 67.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

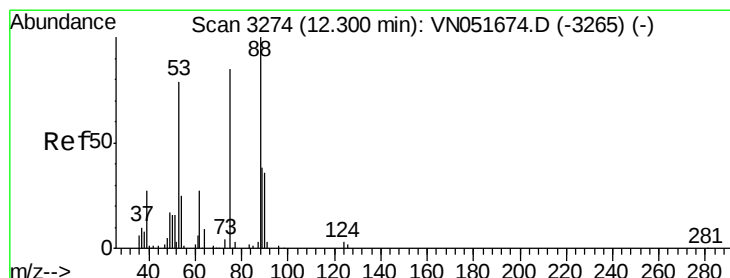
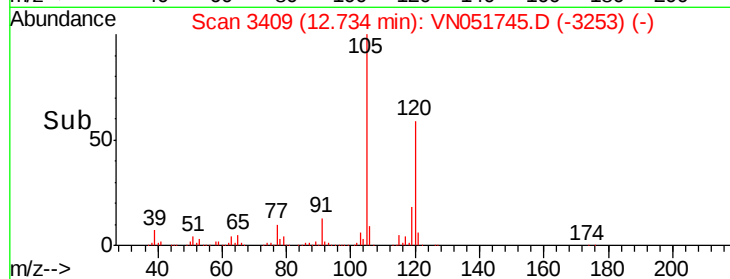
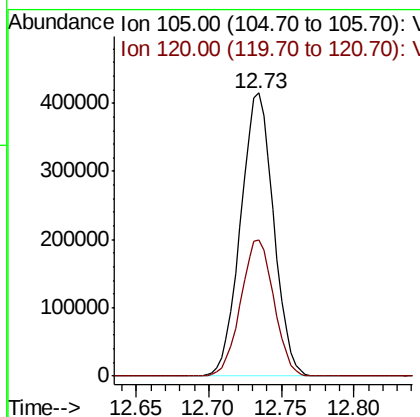
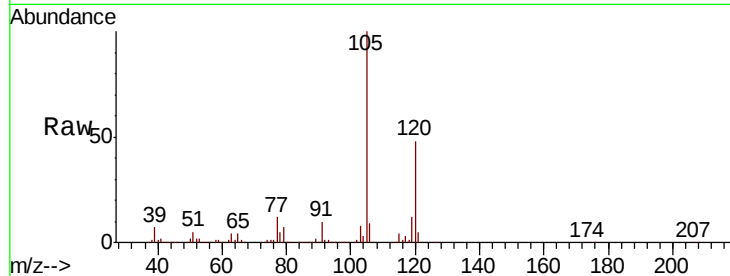




#76
 1,3,5-Trimethylbenzene
 Concen: 21.426 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

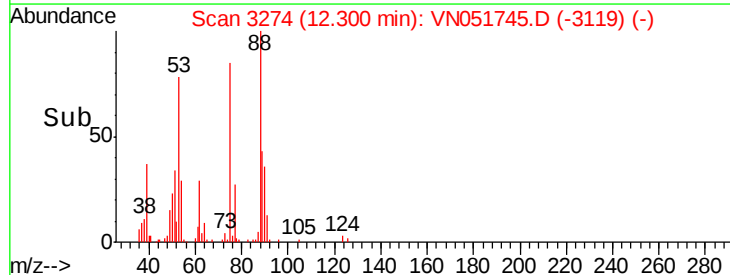
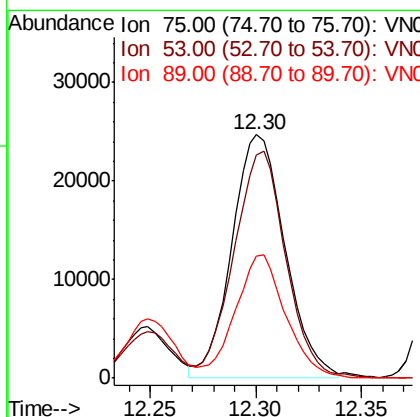
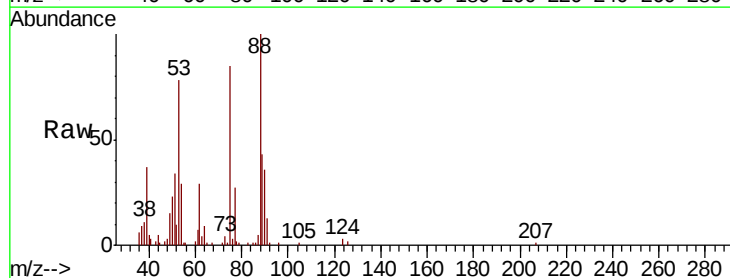
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

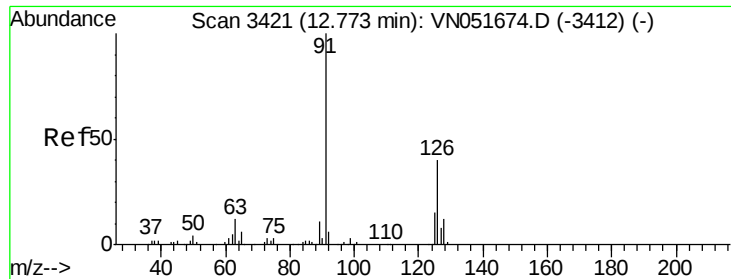
Tot Ion:105 Resp: 655977
 Ion Ratio Lower Upper
 105 100
 120 48.5 0.0 98.2



#77
 t-1,4-Dichloro-2-butene
 Concen: 19.323 ug/l
 RT: 12.30 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Tgt Ion: 75 Resp: 43303
 Ion Ratio Lower Upper
 75 100
 53 91.5 46.3 138.9
 89 50.1 24.6 73.8





#78

4-Chlorotoluene

Concen: 20.376 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

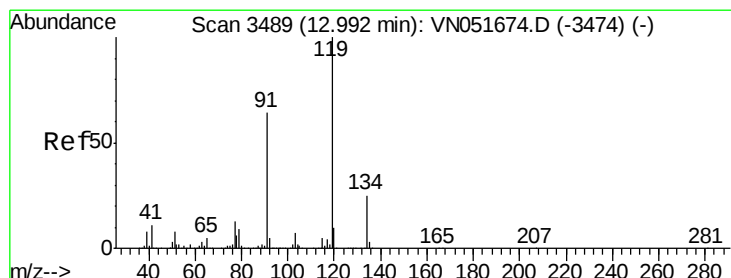
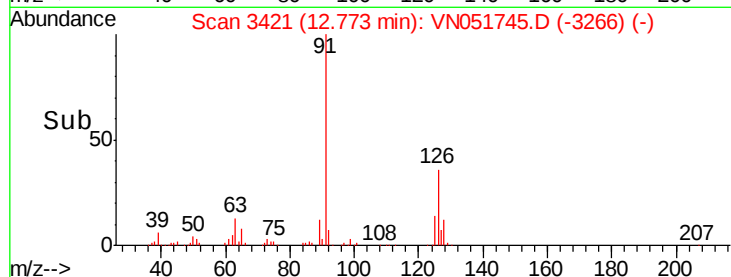
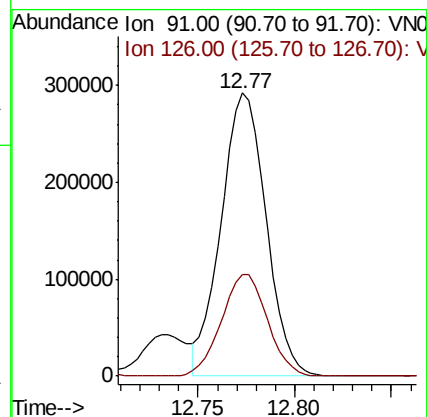
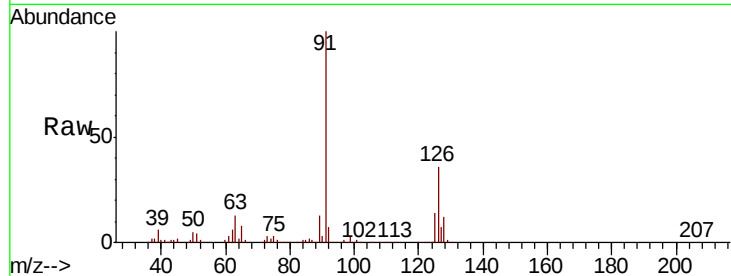
VN1009WBS01

Tot Ion: 91 Resp: 473896

Ion Ratio Lower Upper

91 100

126 36.6 0.0 65.2



#79

tert-butylbenzene

Concen: 22.130 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

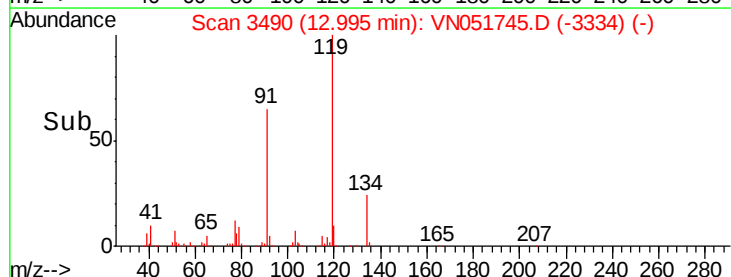
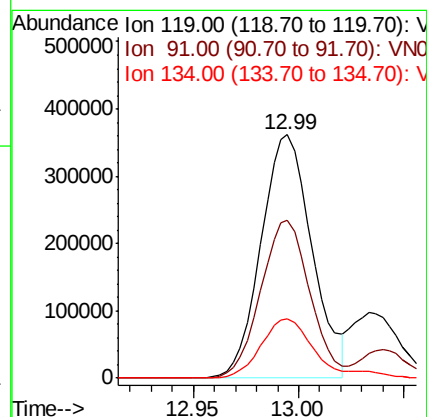
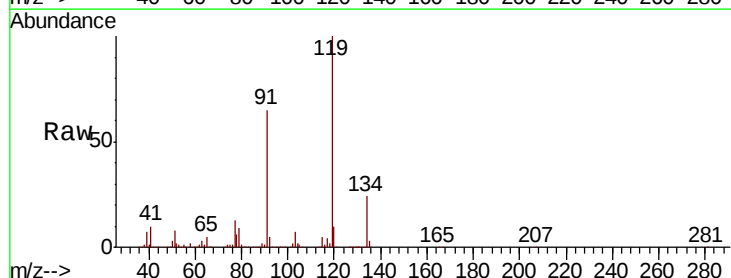
Tgt Ion: 119 Resp: 609362

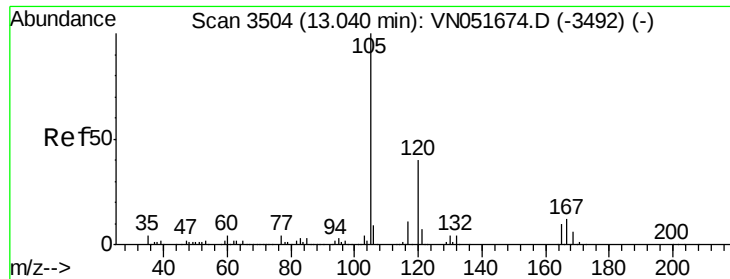
Ion Ratio Lower Upper

119 100

91 62.8 0.0 131.6

134 24.3 0.0 46.2

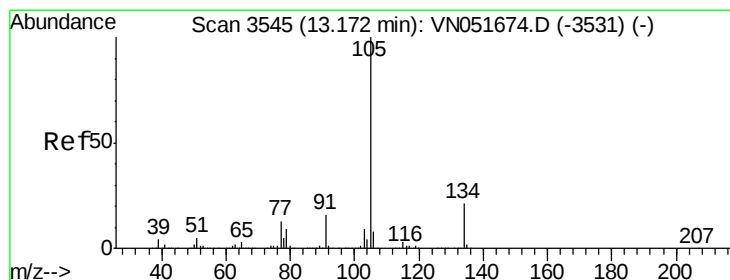
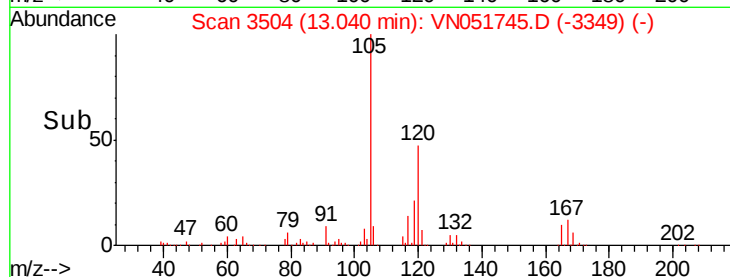
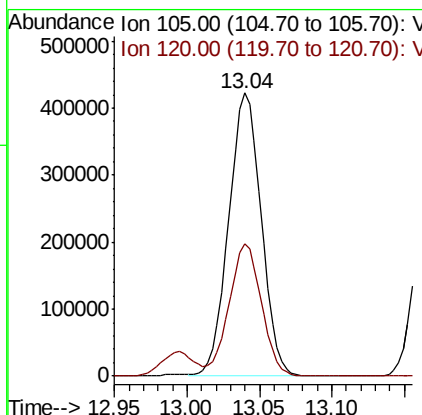
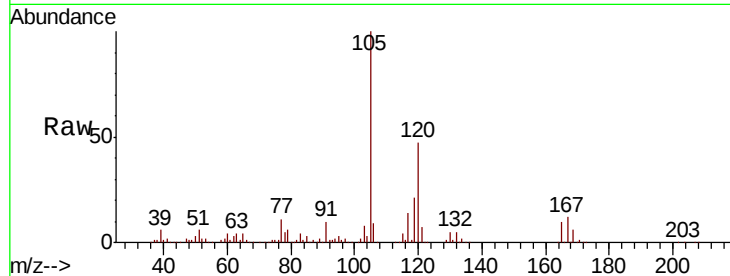




#80
 1,2,4-Trimethylbenzene
 Concen: 21.648 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

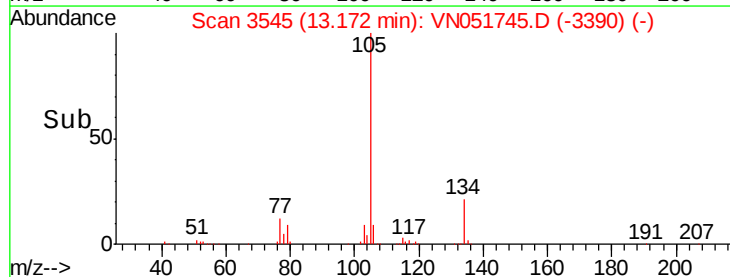
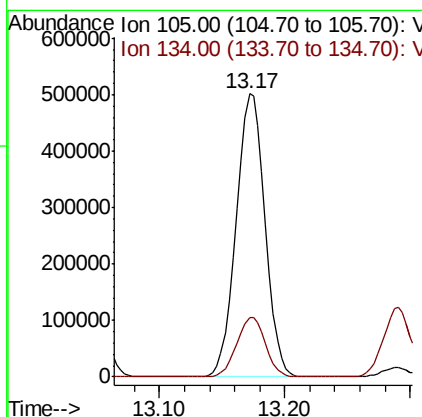
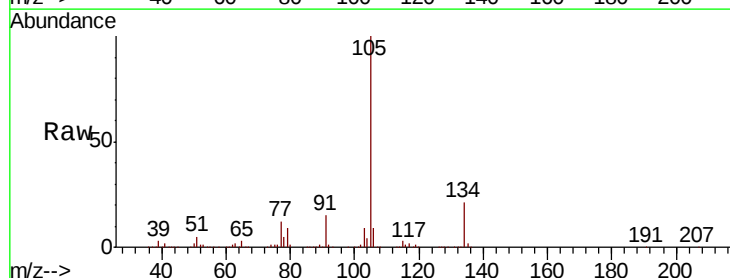
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

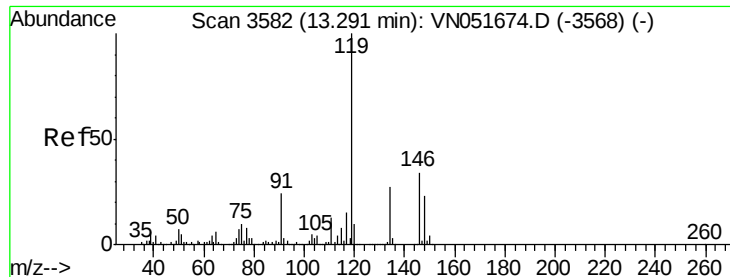
Tot Ion:105 Resp: 659235
 Ion Ratio Lower Upper
 105 100
 120 46.5 0.0 89.6



#81
 sec-Butylbenzene
 Concen: 21.662 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Tgt Ion:105 Resp: 797923
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 39.4

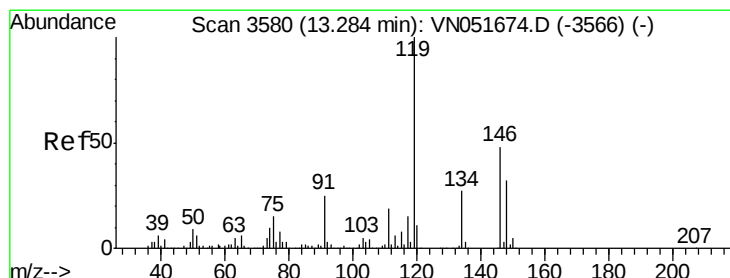
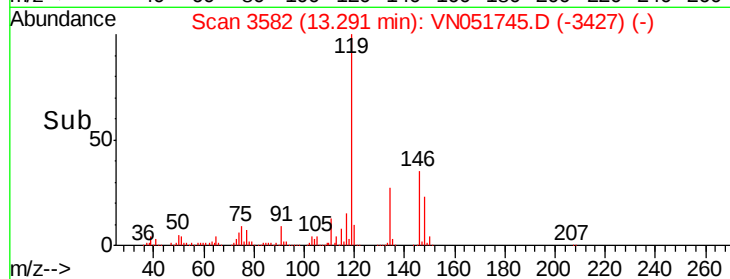
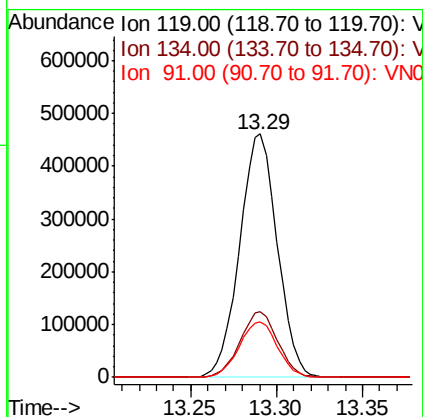
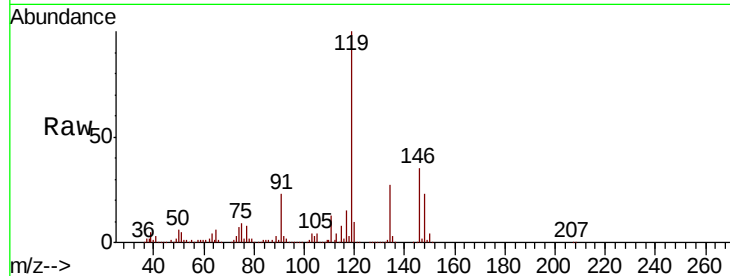




#82
 p-Isopropyltoluene
 Concen: 21.550 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

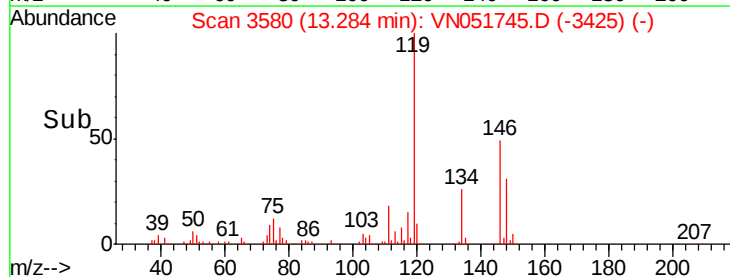
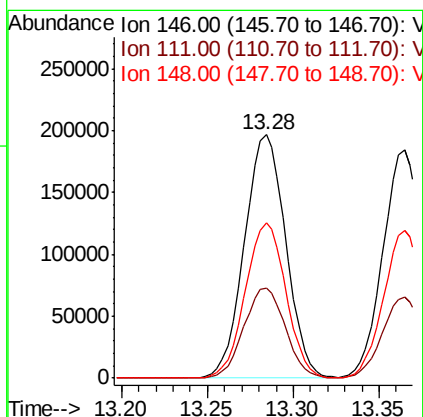
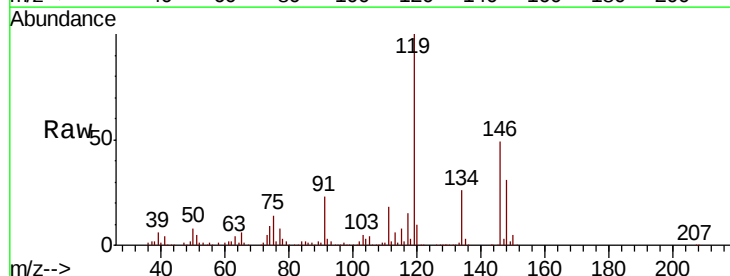
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

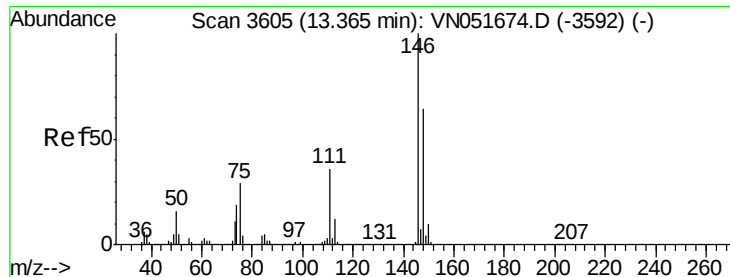
Tot Ion:119 Resp: 699332
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 53.6
 91 23.3 0.0 52.0



#83
 1,3-Dichlorobenzene
 Concen: 21.175 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Tgt Ion:146 Resp: 328597
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 62.6 31.3 93.8





#84

1,4-Dichlorobenzene

Concen: 20.462 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampled :

VN1009WBS01

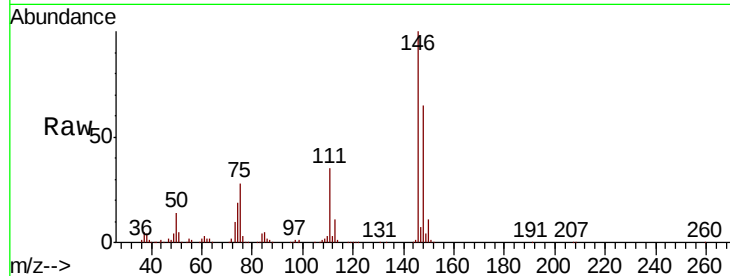
Tot Ion:146 Resp: 303443

Ion Ratio Lower Upper

146 100

111 35.9 17.4 52.2

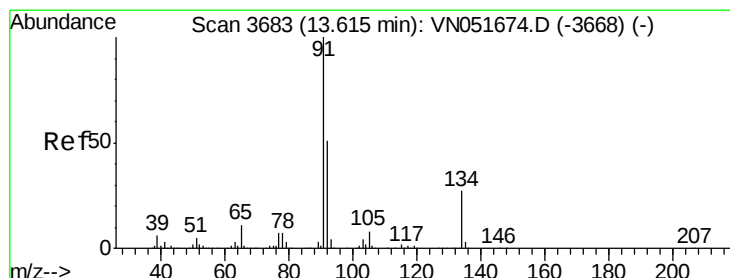
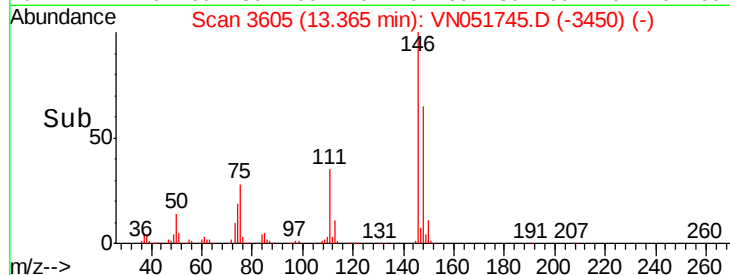
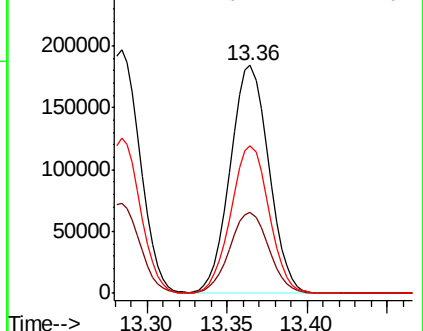
148 63.7 32.8 98.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 20.453 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

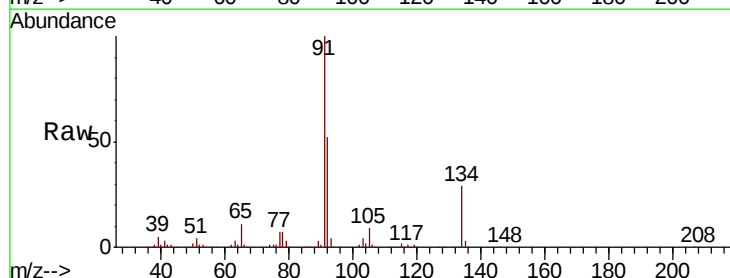
Tgt Ion: 91 Resp: 524600

Ion Ratio Lower Upper

91 100

92 51.4 0.0 97.4

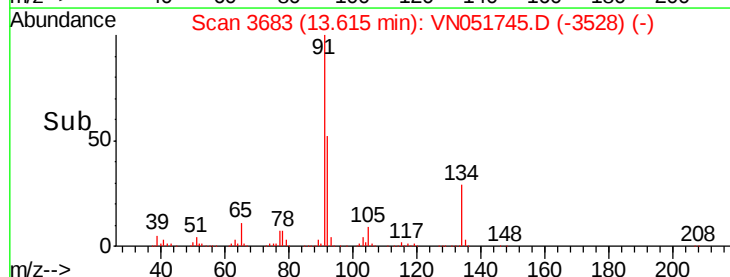
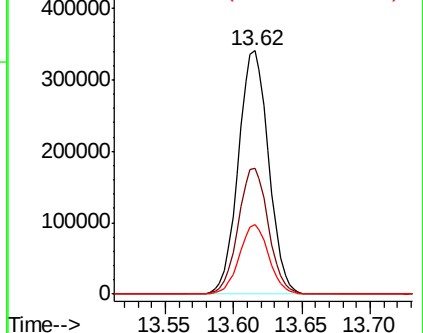
134 27.7 0.0 49.6

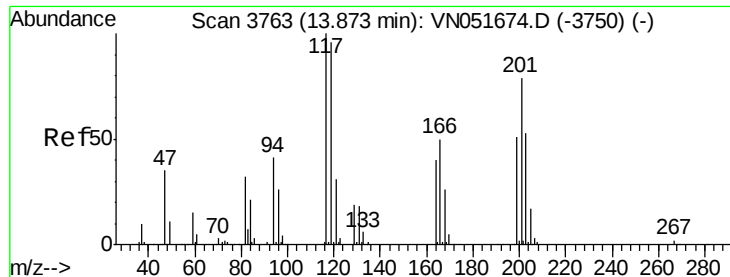


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#86

Hexachloroethane

Concen: 20.207 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

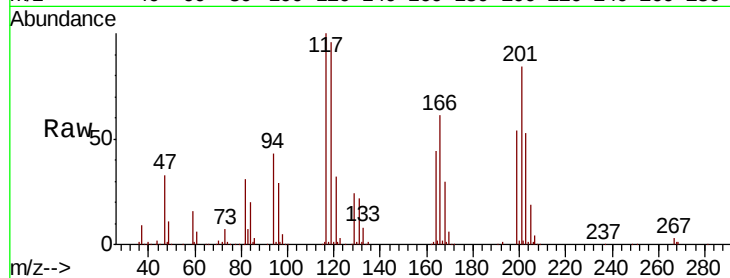
VN1009WBS01

Tot Ion:117 Resp: 129739

Ion Ratio Lower Upper

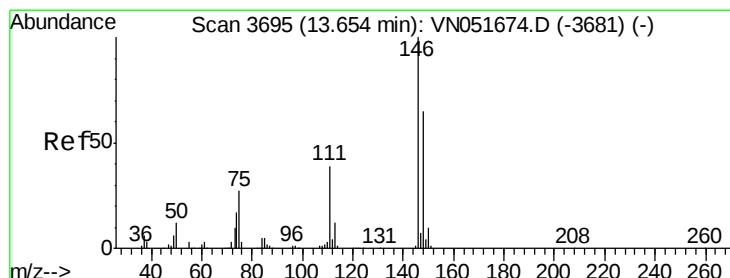
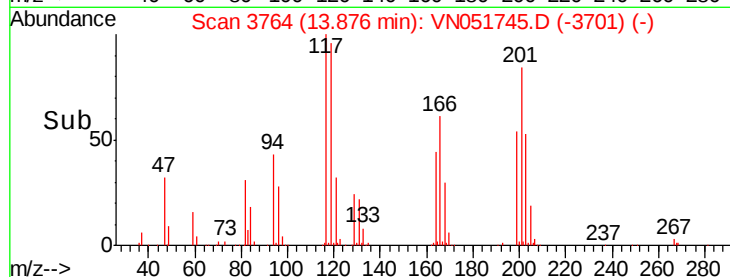
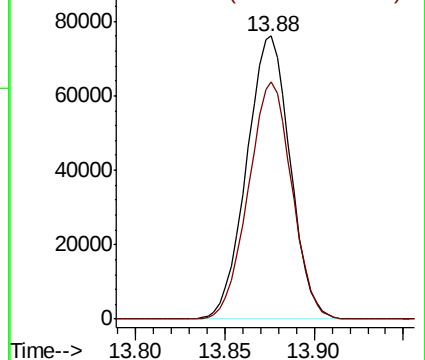
117 100

201 83.7 47.8 143.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 21.244 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

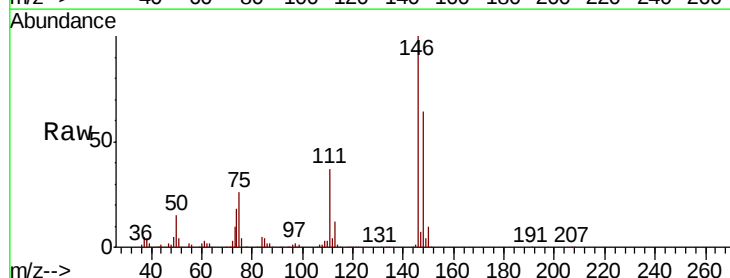
Tgt Ion:146 Resp: 323056

Ion Ratio Lower Upper

146 100

111 38.3 20.8 62.2

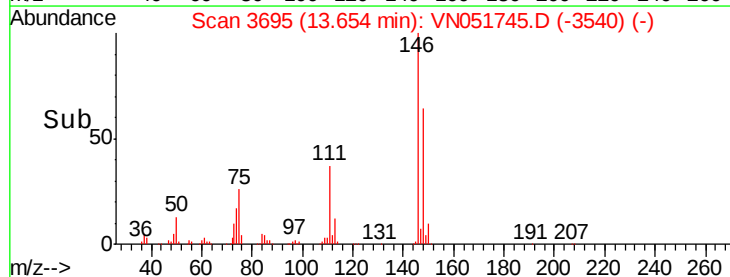
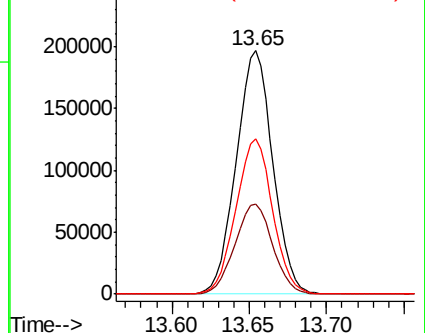
148 63.8 33.2 99.6

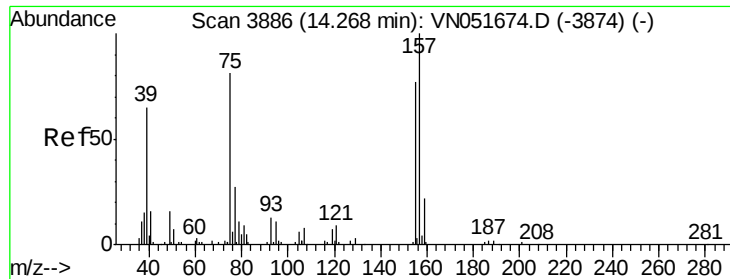


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 20.527 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

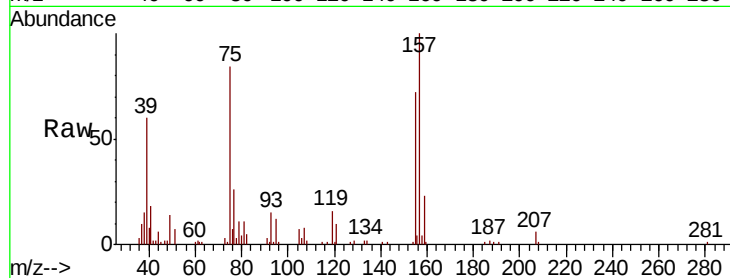
Tot Ion: 75 Resp: 25467

Ion Ratio Lower Upper

75 100

155 91.1 57.0 85.6#

157 125.9 87.4 131.0

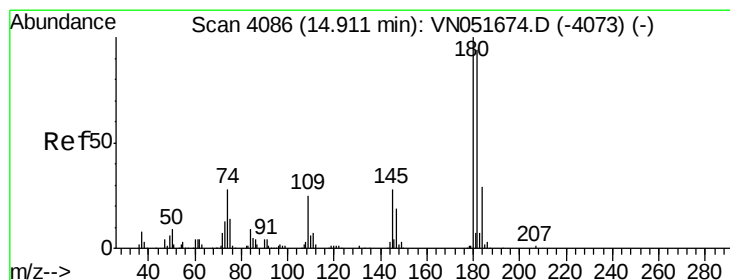
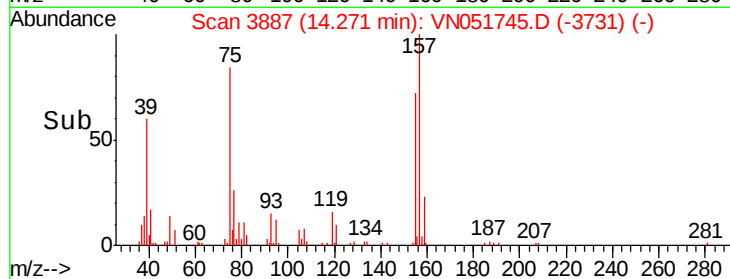
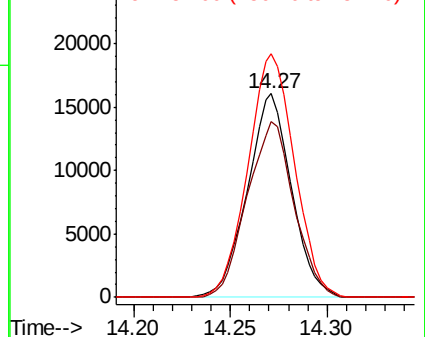


Abundance

Ion 75.00 (74.70 to 75.70): VN051674.D (-3874) (-)

Ion 155.00 (154.70 to 155.70): VN051674.D (-3874) (-)

Ion 157.00 (156.70 to 157.70): VN051674.D (-3874) (-)



#89

1,2,4-Trichlorobenzene

Concen: 20.102 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

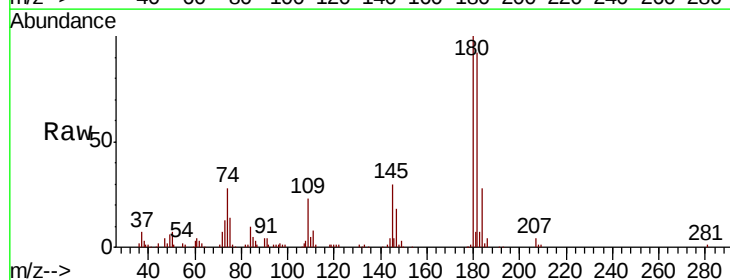
Tgt Ion: 180 Resp: 122802

Ion Ratio Lower Upper

180 100

182 94.1 77.7 116.5

145 28.9 23.4 35.2

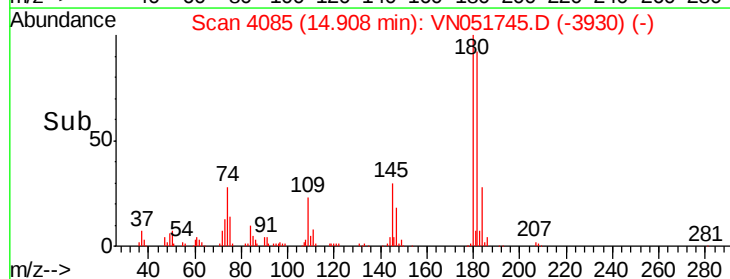
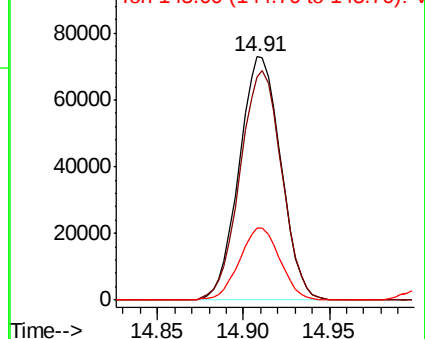


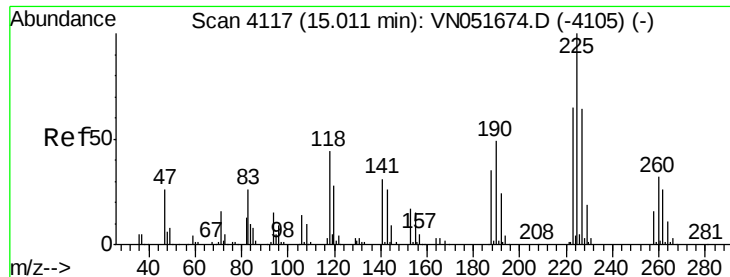
Abundance

Ion 180.00 (179.70 to 180.70): VN051674.D (-4073) (-)

Ion 182.00 (181.70 to 182.70): VN051674.D (-4073) (-)

Ion 145.00 (144.70 to 145.70): VN051674.D (-4073) (-)





#90

Hexachlorobutadiene

Concen: 21.699 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

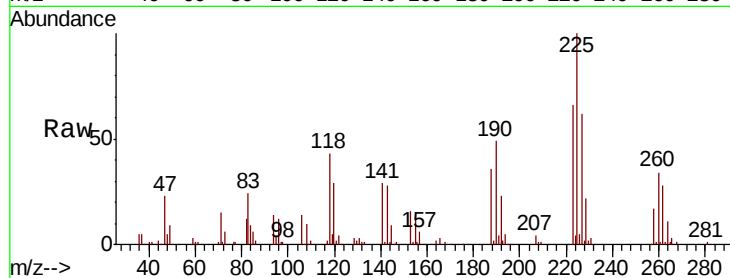
Tot Ion:225 Resp: 100408

Ion Ratio Lower Upper

225 100

223 63.2 0.0 117.0

227 62.8 0.0 127.0

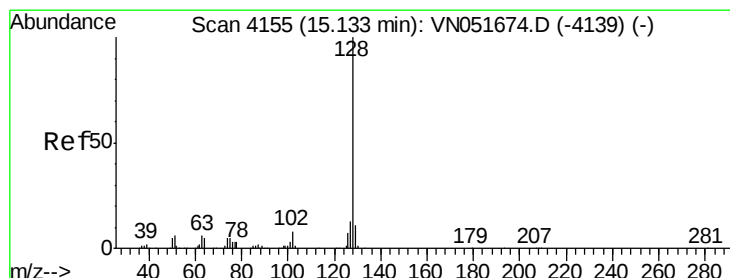
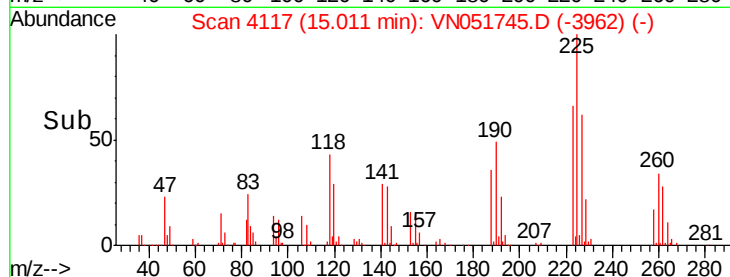
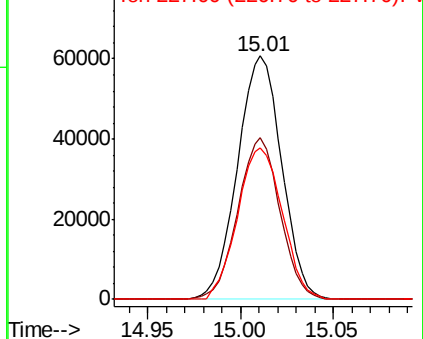


Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 17.081 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051745.D

Acq: 9 Oct 2018 12:28

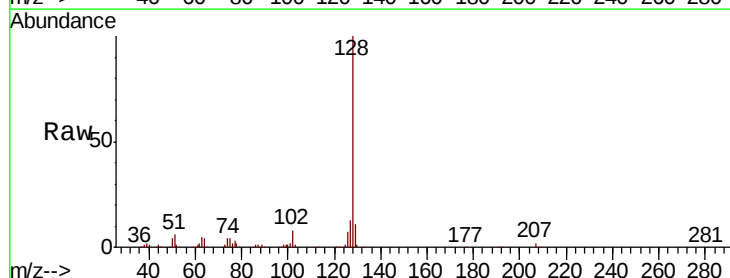
Tgt Ion:128 Resp: 245267

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.7 8.4 12.6

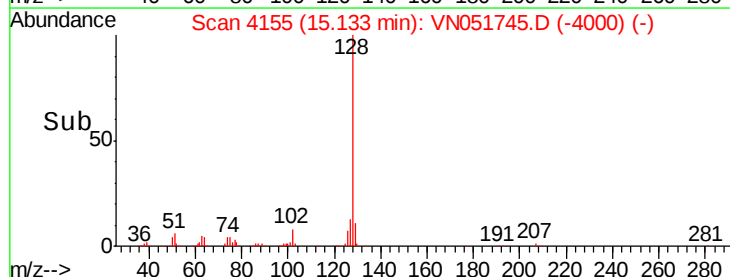
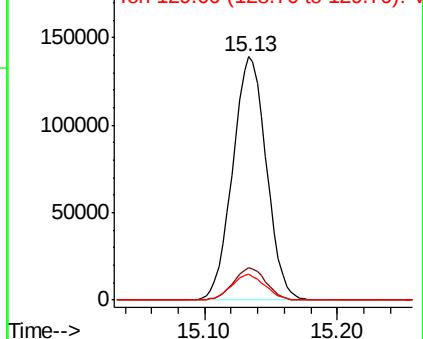


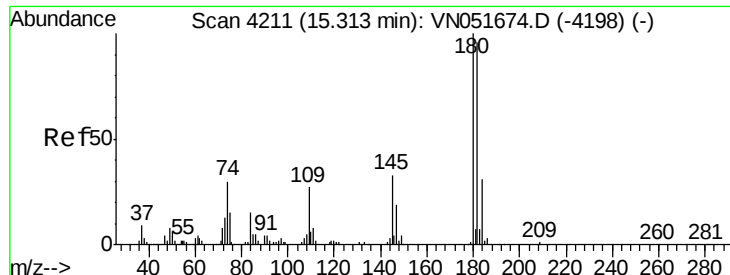
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

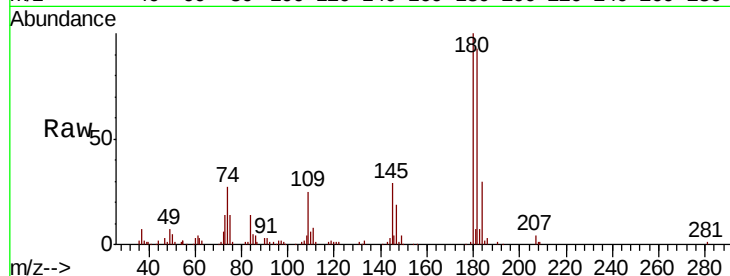




#92
 1,2,3-Trichlorobenzene
 Concen: 19.794 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN051745.D
 Acq: 9 Oct 2018 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	198.0
145	30.2	0.0	36.8



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

