

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
 Data File : VN051484.D
 Acq On : 25 Sep 2018 14:51
 Operator : MD\SY
 Sample : VN0925WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Quant Time: Sep 26 02:10:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 26 01:19:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	99727	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	530463	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	451314	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	205275	29.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.70%
60) 4-Bromofluorobenzene	12.40	95	201257	30.37	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.23%
63) Toluene-d8	10.09	98	668732	30.90	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	78550	18.391 ug/l	98
3) Chloromethane	2.06	50	145240	19.777 ug/l	100
4) Vinyl Chloride	2.18	62	159315	20.331 ug/l	98
5) Bromomethane	2.57	94	105568	20.613 ug/l	87
6) Chloroethane	2.70	64	103739	21.478 ug/l	95
7) Trichlorofluoromethane	3.01	101	216922	21.327 ug/l	93
8) Diethyl Ether	3.41	74	62330	20.382 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	108009	20.912 ug/l #	39
10) 1,1-Dichloroethene	3.74	96	100934	21.454 ug/l	98
11) Methyl Iodide	3.95	142	138705	19.993 ug/l	95
12) Methyl Acetate	4.33	43	90220	21.818 ug/l	90
13) Acrolein	3.61	56	63087	114.414 ug/l	87
14) Acrylonitrile	5.00	53	185789	110.606 ug/l #	62
15) Acetone	3.82	58	44963	108.685 ug/l	85
16) Carbon Disulfide	4.05	76	296942	19.899 ug/l	96
17) Allyl chloride	4.33	41	173255	20.861 ug/l	98
18) Methylene Chloride	4.55	84	124354	22.133 ug/l	95
19) trans-1,2-Dichloroethene	5.05	96	112163	22.024 ug/l	97
20) Diisopropyl ether	5.96	45	373573	22.654 ug/l #	83
21) 1,1-Dichloroethane	5.85	63	220678	22.216 ug/l	96
22) cis-1,2-Dichloroethene	6.83	96	124987	21.932 ug/l	96
23) tert-Butyl Alcohol	4.79	59	34044	107.626 ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	278728	21.752 ug/l #	85
25) Chloroform	7.37	83	223403	22.549 ug/l	96
26) Cyclohexane	7.66	56	177805	21.025 ug/l	97
29) 1,1-Dichloropropene	7.79	75	159055	21.295 ug/l	99
30) 2-Butanone	6.84	43	208760	108.205 ug/l #	99
31) 2,2-Dichloropropane	6.83	77	174968	21.962 ug/l #	81
32) 1,1,1-Trichloroethane	7.57	97	188092	22.059 ug/l	98
33) Carbon Tetrachloride	7.78	117	168464	21.532 ug/l	92
34) Benzene	8.04	78	492365	22.204 ug/l #	70
35) Methacrylonitrile	7.18	41	44630	16.053 ug/l	93
36) 1,2-Dichloroethane	8.13	62	156720	21.705 ug/l	97
37) Trichloroethene	8.84	130	126187	21.470 ug/l	98
38) Methylcyclohexane	9.08	83	174635	20.170 ug/l	95
39) 1,2-Dichloropropane	9.12	63	134409	22.281 ug/l	98
40) Dibromomethane	9.21	93	75723	22.055 ug/l	97

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Quant Time: Sep 26 02:10:00 2018
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 26 01:19:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	162406	21.515	ug/l	96
42) Vinyl Acetate	5.90	43	1191760	111.088	ug/l	99
43) Ethyl Acetate	6.93	43	82679	20.596	ug/l	96
44) Isopropyl Acetate	8.17	43	169223	21.918	ug/l	98
45) 1,4-Dioxane	9.20	88	20364	433.553	ug/l	91
46) Methyl methacrylate	9.20	41	82171	21.492	ug/l	94
47) n-amyl Acetate	12.07	43	122127	19.795	ug/l #	69
48) t-1,3-Dichloropropene	10.38	75	156299	20.852	ug/l	96
49) cis-1,3-Dichloropropene	9.84	75	187177	21.573	ug/l	96
50) 1,1,2-Trichloroethane	10.56	97	108608	22.124	ug/l	94
51) Ethyl methacrylate	10.43	69	123000	21.171	ug/l	98
52) 1,3-Dichloropropane	10.71	76	182143	21.993	ug/l	98
53) Dibromochloromethane	10.90	129	121905	21.588	ug/l	96
54) 1,2-Dibromoethane	11.01	107	103568	21.865	ug/l	95
55) 2-Chloroethyl vinyl ether	9.70	63	308686	107.597	ug/l	99
56) Bromoform	12.13	173	81229	21.337	ug/l	96
58) 4-Methyl-2-Pentanone	9.99	43	469019	118.252	ug/l	96
59) 2-Hexanone	10.75	43	287015	109.949	ug/l	97
61) Tetrachloroethene	10.63	164	118896	22.644	ug/l	97
62) Toluene	10.16	91	519062	22.466	ug/l	99
64) Chlorobenzene	11.43	112	312300	22.047	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	122282	22.328	ug/l	99
66) Ethyl Benzene	11.51	91	515598	21.632	ug/l	97
67) m/p-Xylenes	11.62	106	402338	43.847	ug/l	97
68) o-Xylene	11.95	106	193352	22.124	ug/l	95
69) Styrene	11.96	104	303810	22.007	ug/l	99
70) Isopropylbenzene	12.25	105	514849	22.012	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	127509	23.159	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	150937	34.764	ug/l	71
73) Bromobenzene	12.53	156	127830	21.686	ug/l	96
74) n-propylbenzene	12.59	91	573388	21.087	ug/l	98
75) 2-Chlorotoluene	12.67	91	355248	22.138	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	430174	22.290	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	30197	20.167	ug/l	93
78) 4-Chlorotoluene	12.77	91	341707	21.470	ug/l	96
79) tert-butylbenzene	12.99	119	367183	21.852	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	428246	22.073	ug/l	98
81) sec-Butylbenzene	13.17	105	501797	21.709	ug/l	98
82) p-Isopropyltoluene	13.29	119	426026	21.351	ug/l	97
83) 1,3-Dichlorobenzene	13.28	146	221842	21.457	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	202411	20.845	ug/l	98
85) n-Butylbenzene	13.62	91	317066	19.353	ug/l	97
86) Hexachloroethane	13.88	117	85894	21.482	ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	216746	22.114	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.27	75	17474	21.504	ug/l #	92
89) 1,2,4-Trichlorobenzene	14.91	180	86178	17.652	ug/l	99
90) Hexachlorobutadiene	15.01	225	82521	21.810	ug/l	98
91) Naphthalene	15.13	128	146101	15.860	ug/l	98
92) 1,2,3-Trichlorobenzene	15.31	180	88854	18.029	ug/l	91

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 26 01:19:41 2018
Response via : Initial Calibration

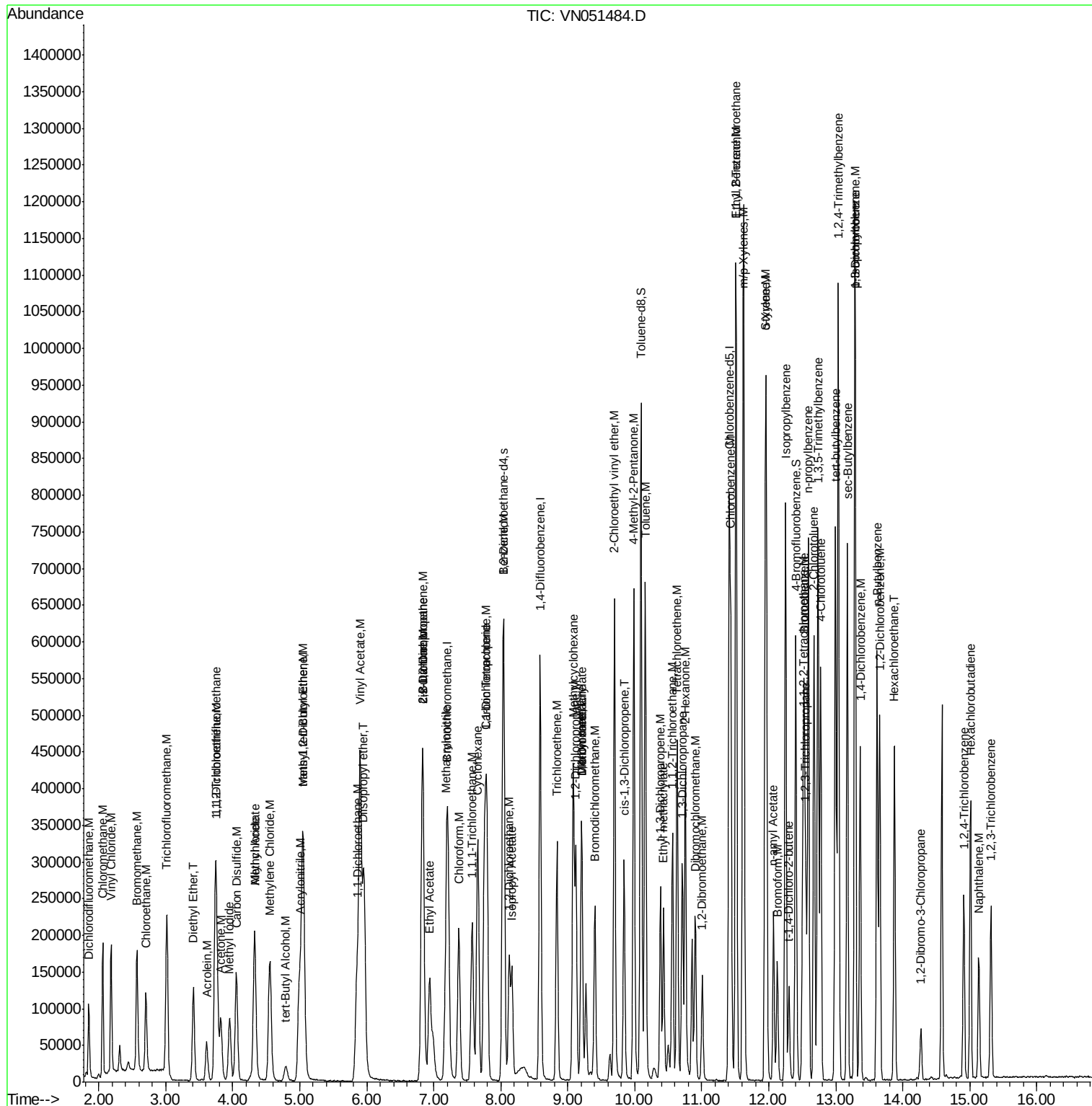
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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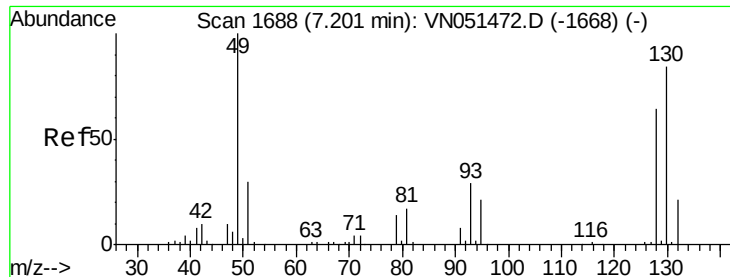
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Sep 26 02:10:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

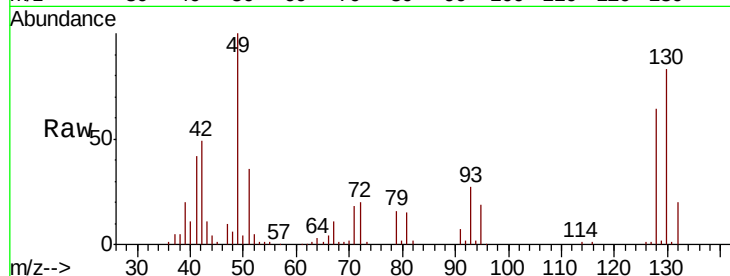
Tot Ion:128 Resp: 99727

Ion Ratio Lower Upper

128 100

49 159.9 0.0 403.3

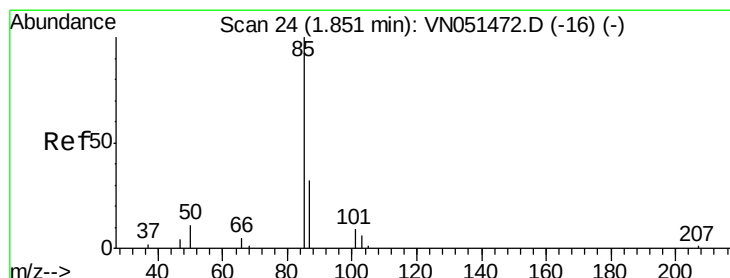
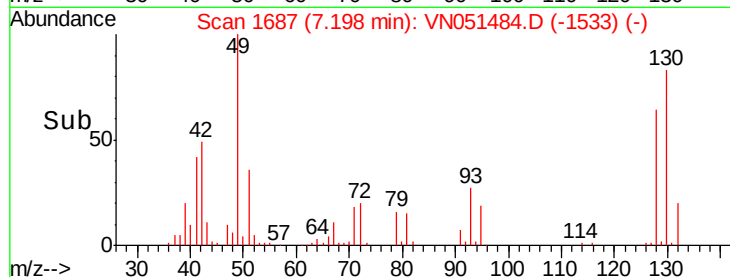
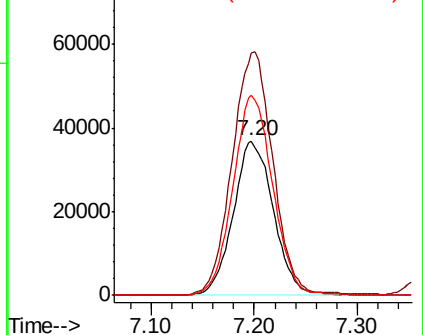
130 129.1 0.0 326.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.391 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051484.D

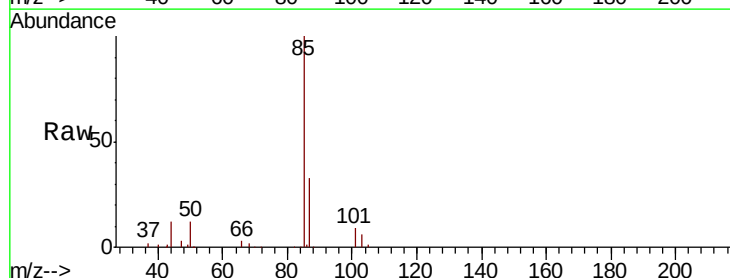
Acq: 25 Sep 2018 14:51

Tgt Ion: 85 Resp: 78550

Ion Ratio Lower Upper

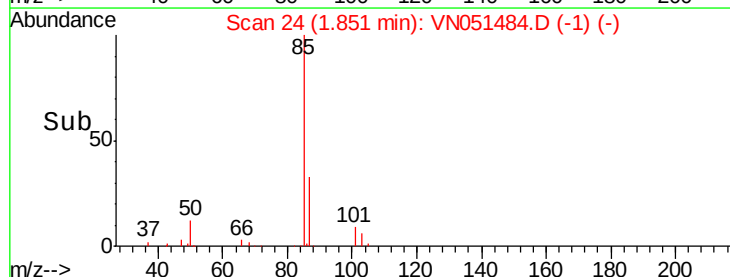
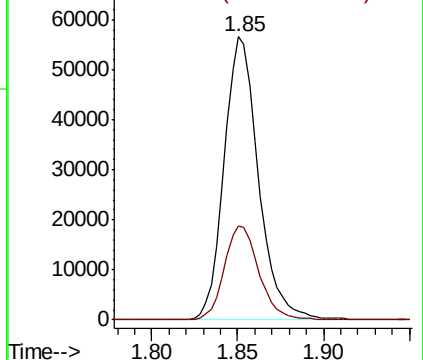
85 100

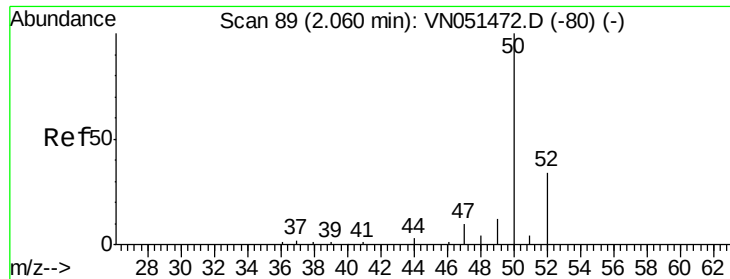
87 33.4 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 19.777 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

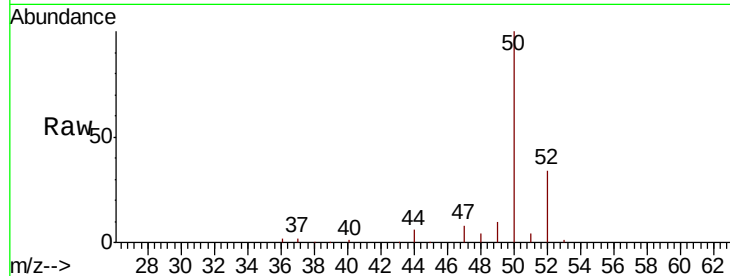
VN0925WBS01

Tot Ion: 50 Resp: 145240

Ion Ratio Lower Upper

50 100

52 34.1 27.2 40.8



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

120000

100000

80000

60000

40000

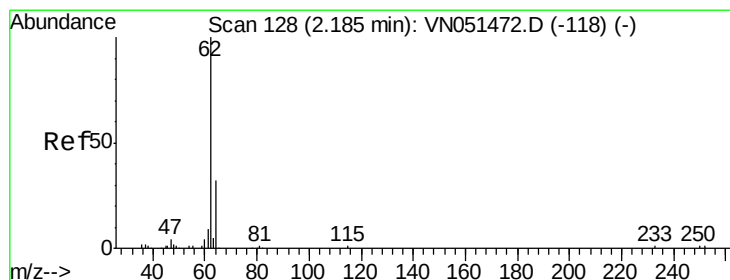
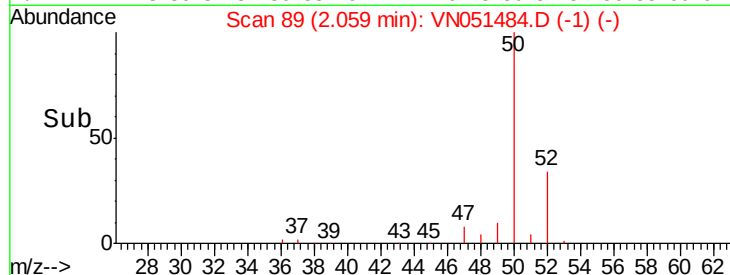
20000

0

2.06

2.00 2.05 2.10

Time-->



#4

Vinyl Chloride

Concen: 20.331 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051484.D

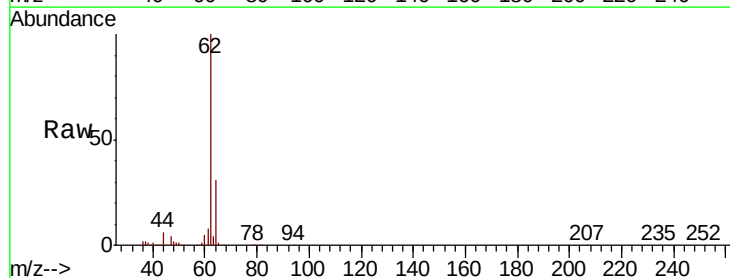
Acq: 25 Sep 2018 14:51

Tgt Ion: 62 Resp: 159315

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

120000

100000

80000

60000

40000

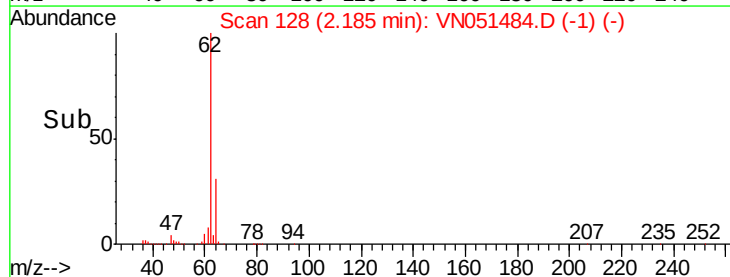
20000

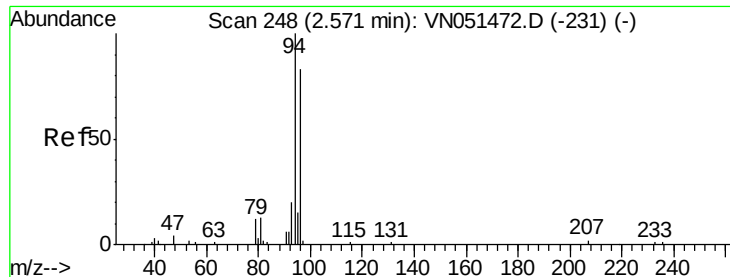
0

2.18

2.10 2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: 20.613 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

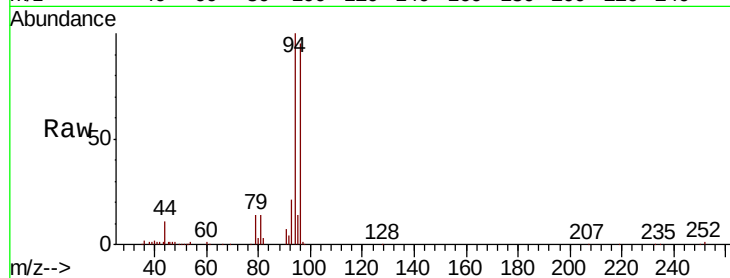
VN0925WBS01

Tot Ion: 94 Resp: 105568

Ion Ratio Lower Upper

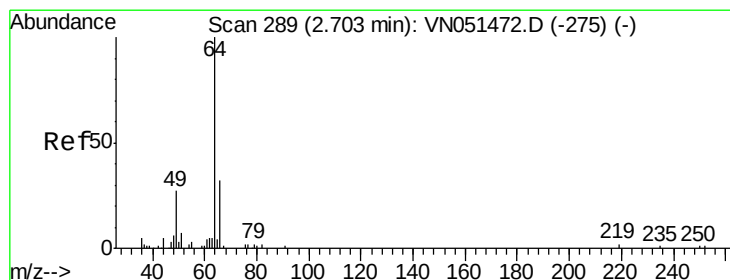
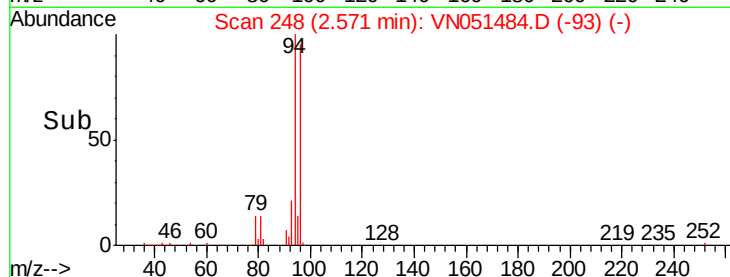
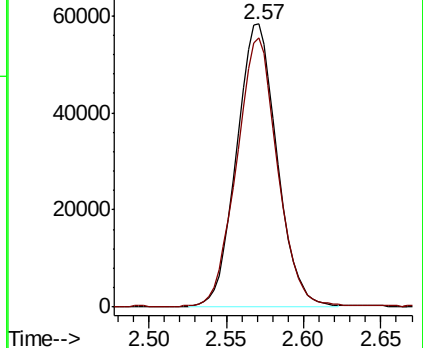
94 100

96 94.8 66.4 99.6



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.478 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051484.D

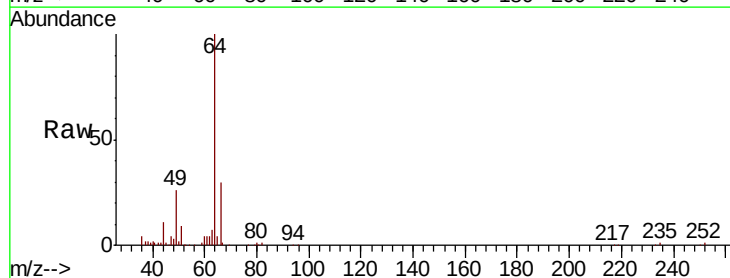
Acq: 25 Sep 2018 14:51

Tgt Ion: 64 Resp: 103739

Ion Ratio Lower Upper

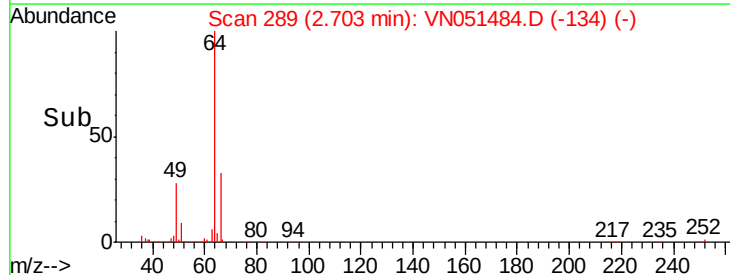
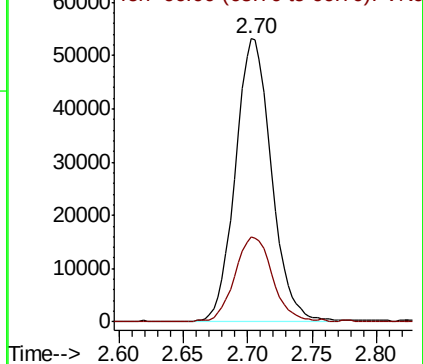
64 100

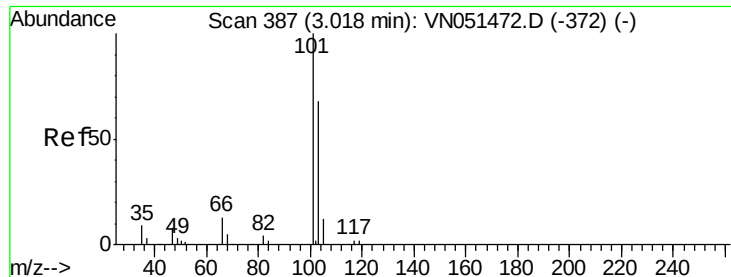
66 29.5 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



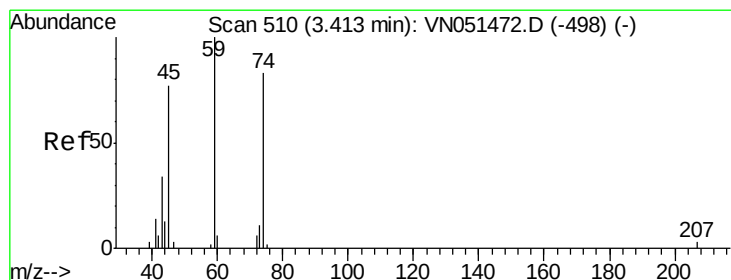
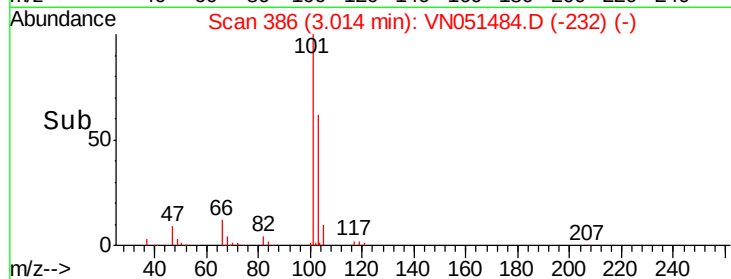
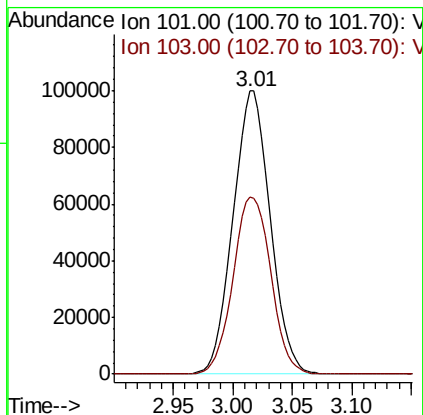
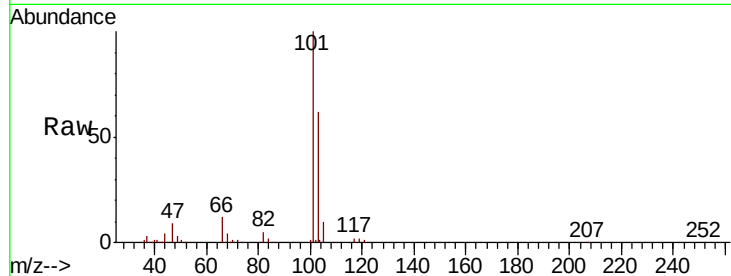


#7

Trichlorofluoromethane
 Concen: 21.327 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

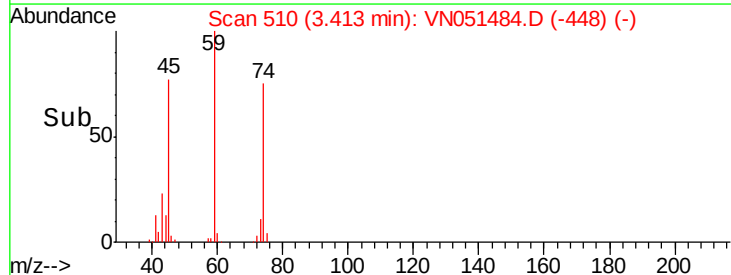
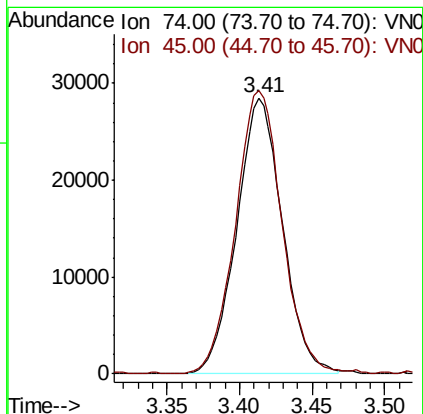
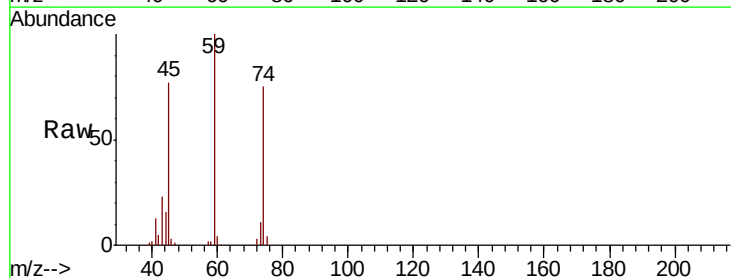
Tot Ion:101 Resp: 216922
 Ion Ratio Lower Upper
 101 100
 103 62.5 54.8 82.2

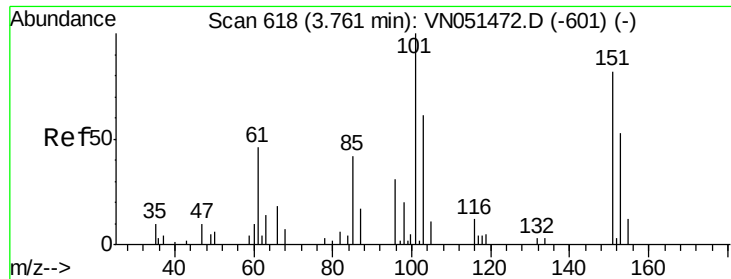


#8

Diethyl Ether
 Concen: 20.382 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 74 Resp: 62330
 Ion Ratio Lower Upper
 74 100
 45 105.1 20.7 186.5

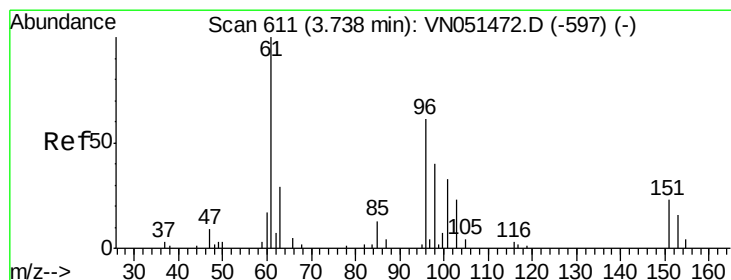
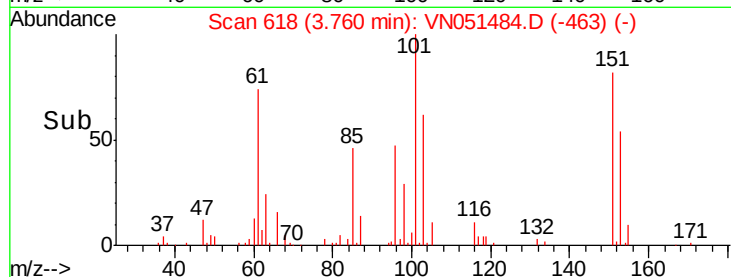
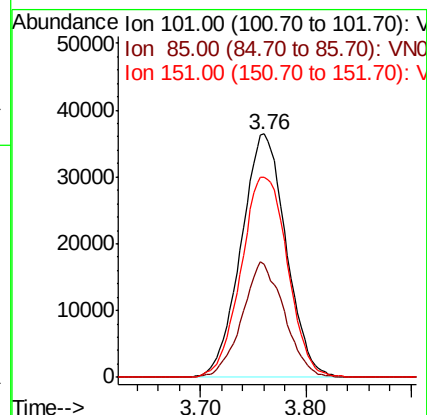
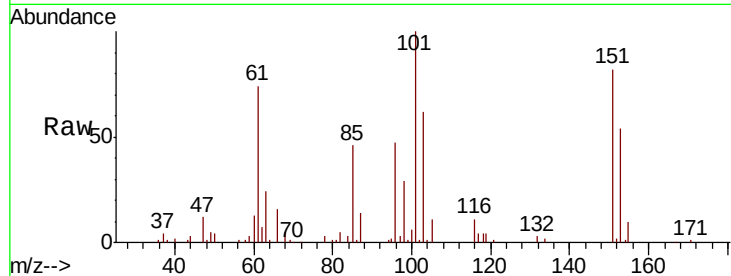




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.912 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

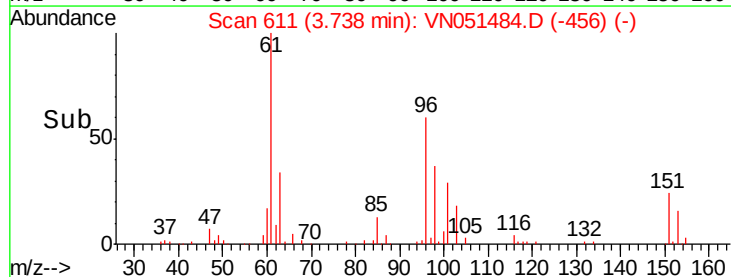
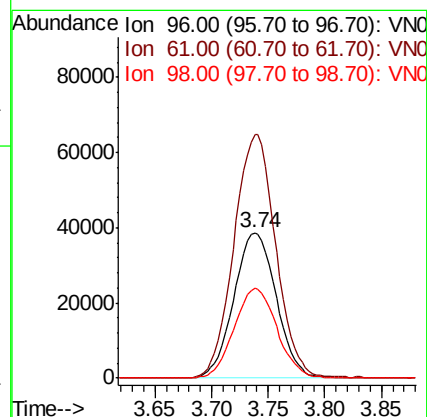
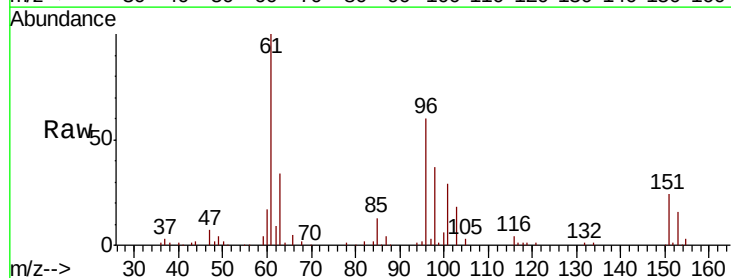
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

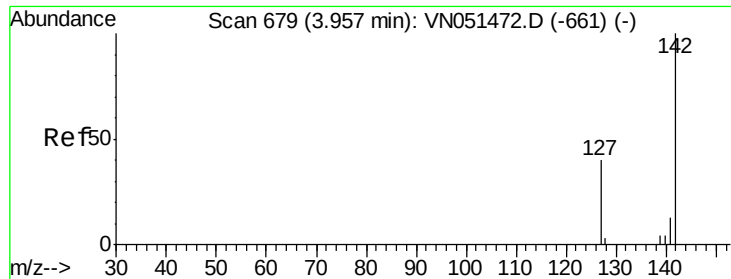
Tot Ion	Ratio	Lower	Upper
101	100		
85	44.4	0.0	46.0
151	85.2	0.0	82.2#



#10
 1,1-Dichloroethene
 Concen: 21.454 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.8	133.0	199.6
98	61.5	52.6	78.8

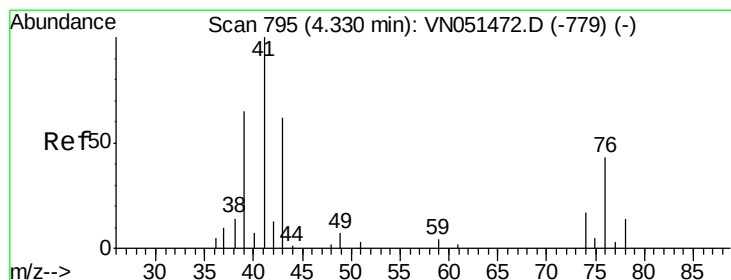
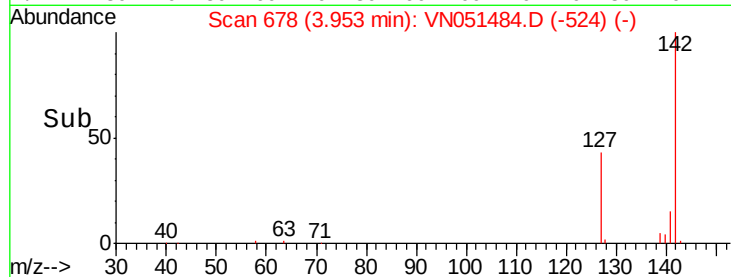
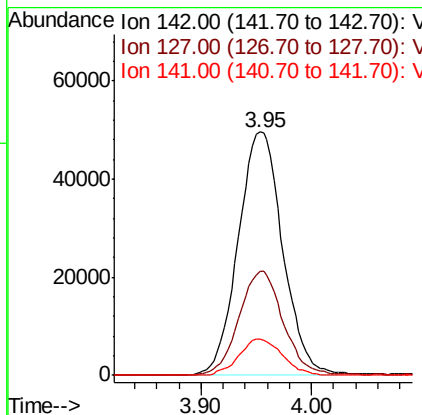
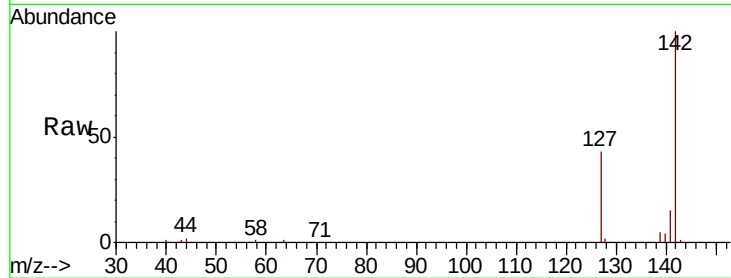




#11
Methyl Iodide
Concen: 19.993 ug/l
RT: 3.95 min Scan# 678
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

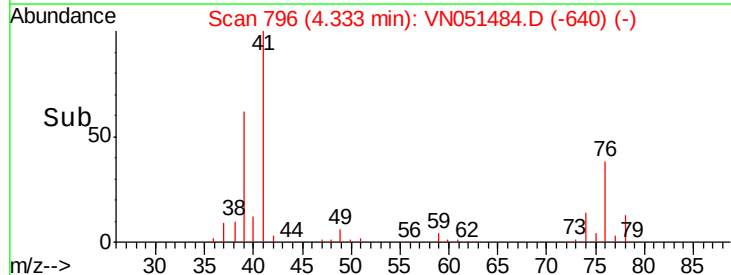
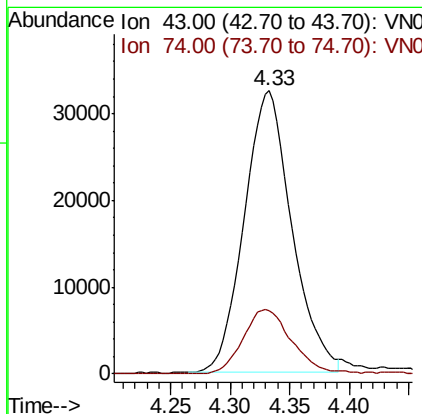
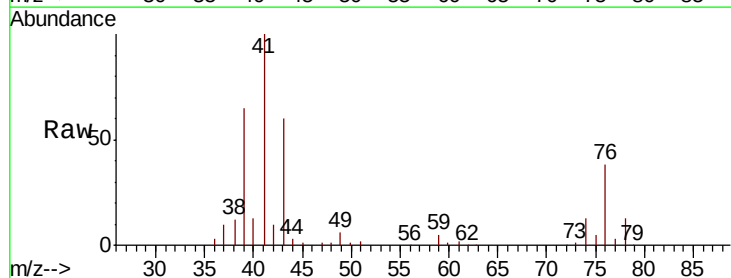
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

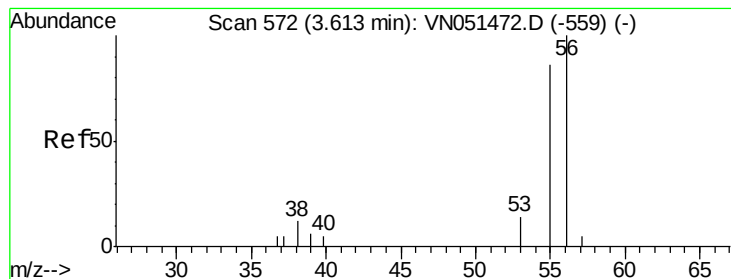
Tot Ion:142 Resp: 138705
Ion Ratio Lower Upper
142 100
127 42.4 19.7 59.0
141 14.7 6.3 18.9



#12
Methyl Acetate
Concen: 21.818 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion: 43 Resp: 90220
Ion Ratio Lower Upper
43 100
74 22.2 21.8 32.6





#13

Acrolein

Concen: 114.414 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampled :

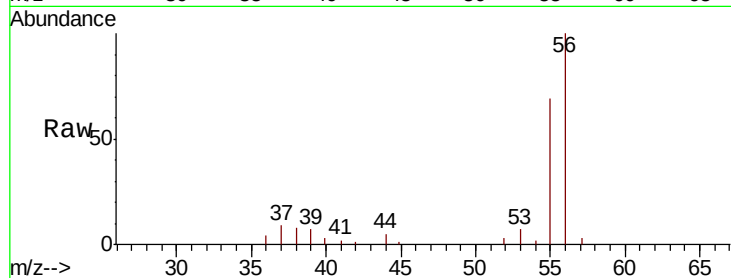
VN0925WBS01

Tot Ion: 56 Resp: 63087

Ion Ratio Lower Upper

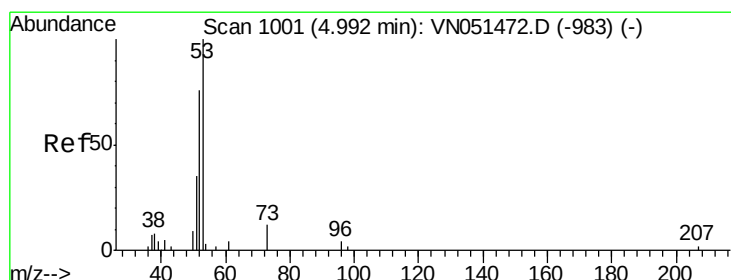
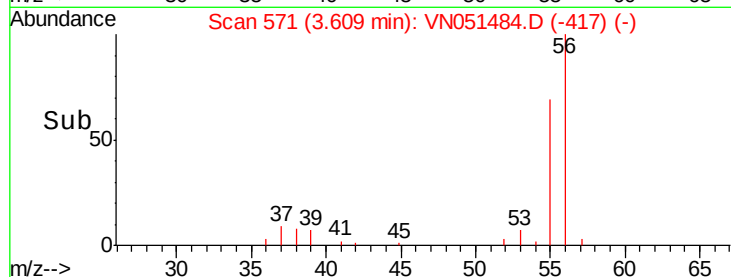
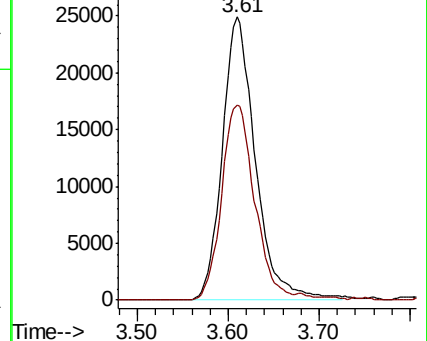
56 100

55 68.5 64.0 96.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 110.606 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

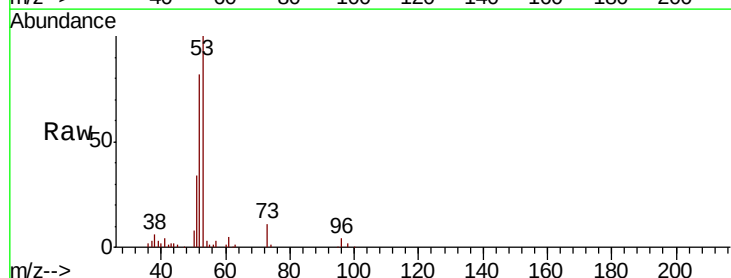
Tgt Ion: 53 Resp: 185789

Ion Ratio Lower Upper

53 100

52 80.8 18.3 54.8#

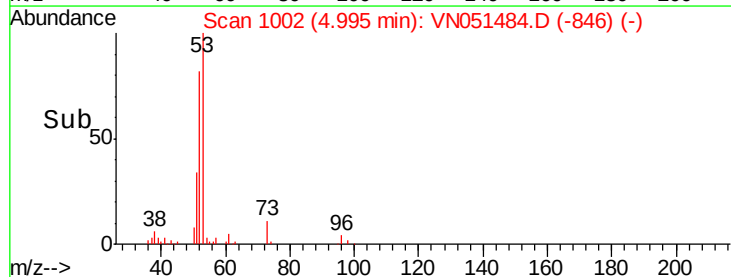
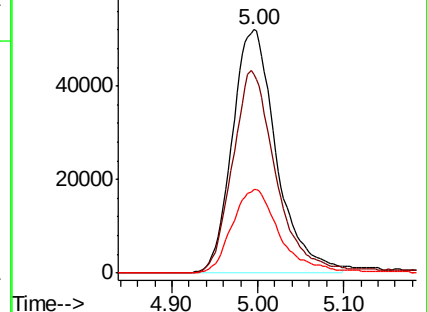
51 36.7 19.7 59.1

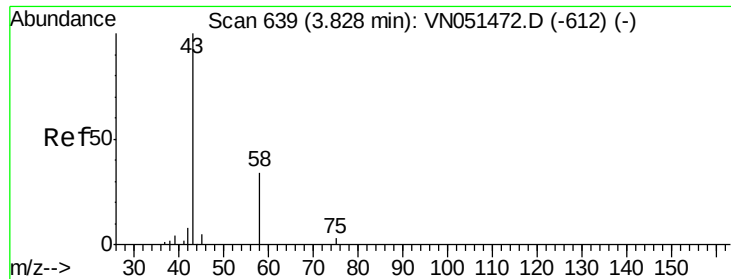


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 108.685 ug/l

RT: 3.82 min Scan# 638

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

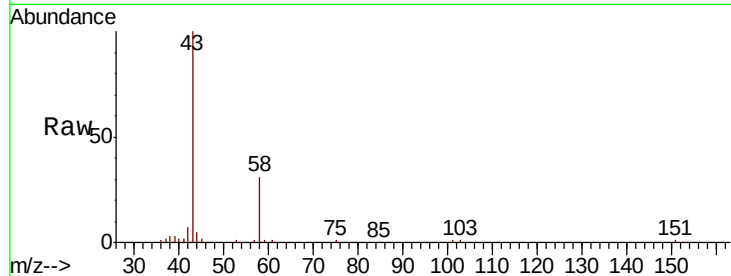
VN0925WBS01

Tot Ion: 58 Resp: 44963

Ion Ratio Lower Upper

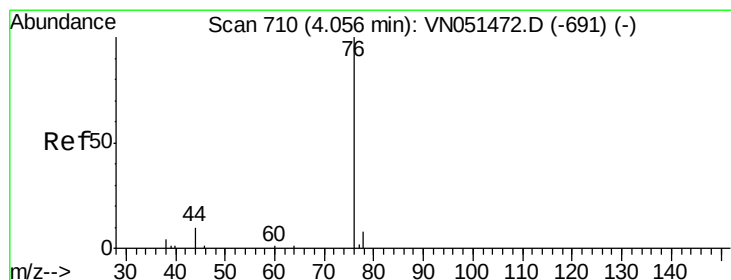
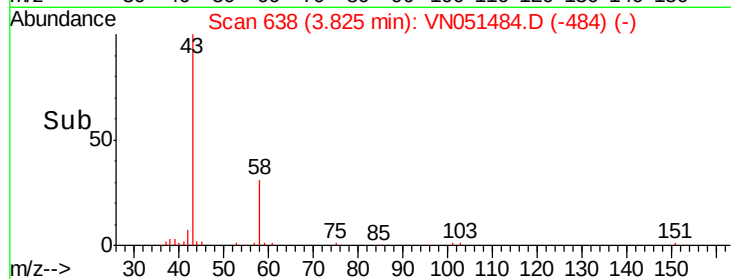
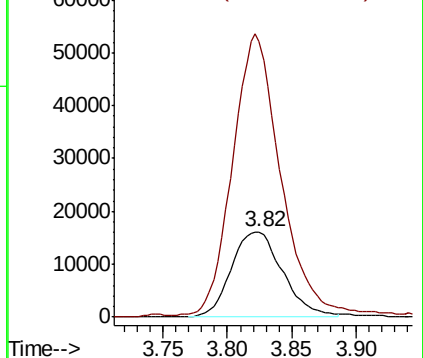
58 100

43 318.8 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.899 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN051484.D

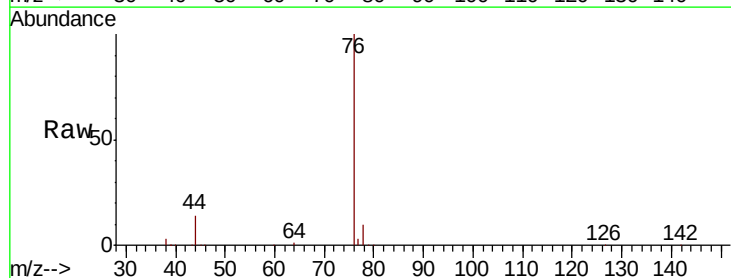
Acq: 25 Sep 2018 14:51

Tgt Ion: 76 Resp: 296942

Ion Ratio Lower Upper

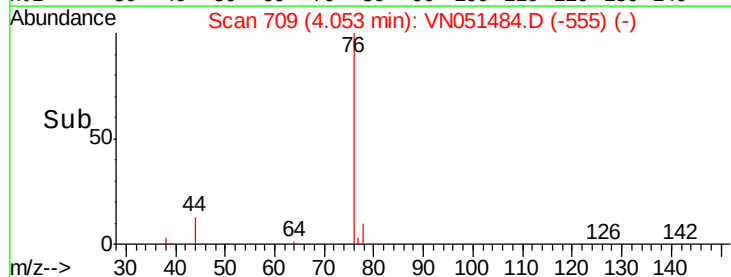
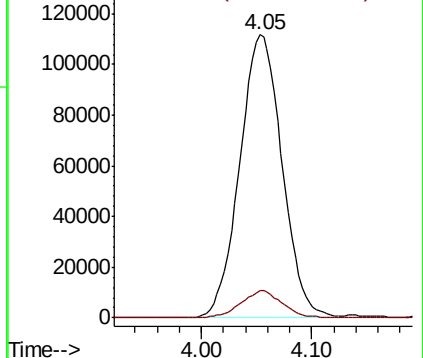
76 100

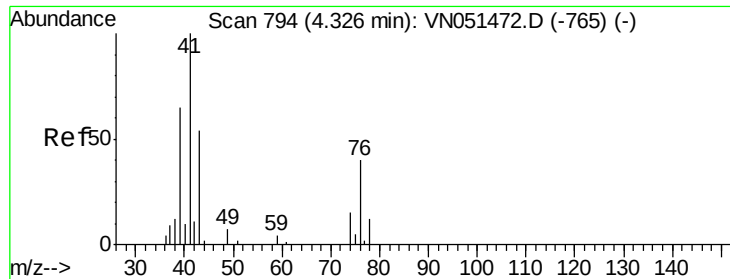
78 9.7 6.7 10.1



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

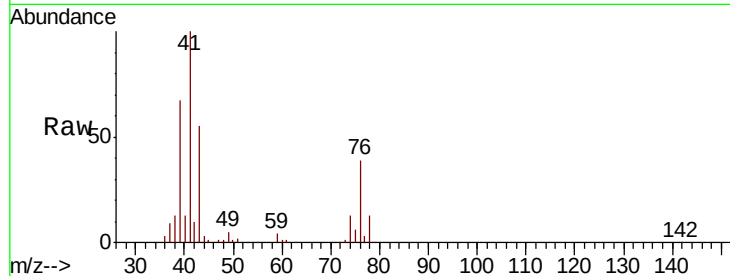




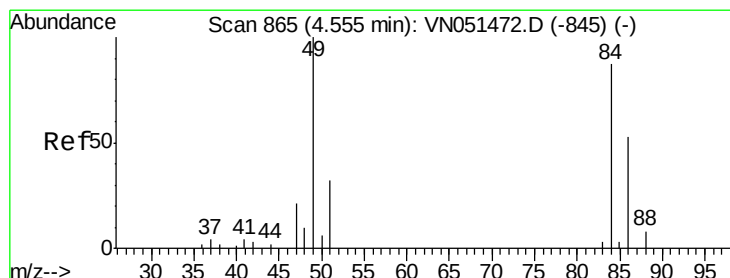
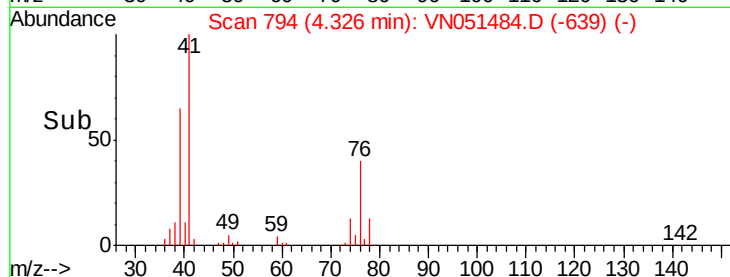
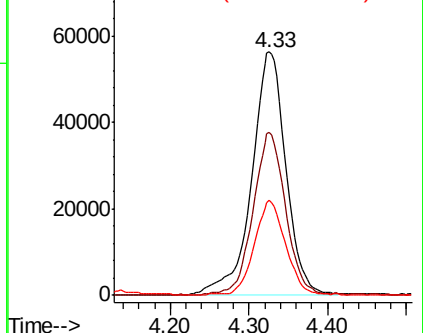
#17
Allvl chloride
Concen: 20.861 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion: 41 Resp: 173255
Ion Ratio Lower Upper
41 100
39 67.1 32.6 97.8
76 38.6 20.2 60.5

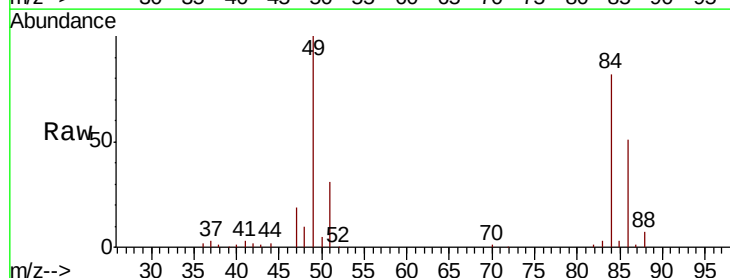


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 76.00 (75.70 to 76.70): VNO

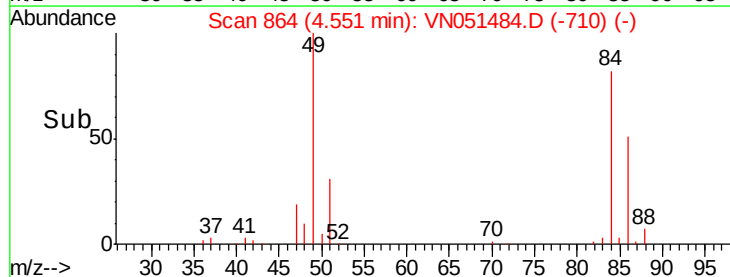
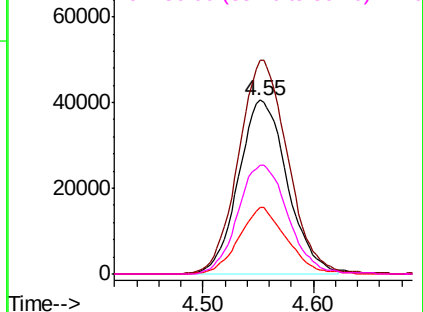


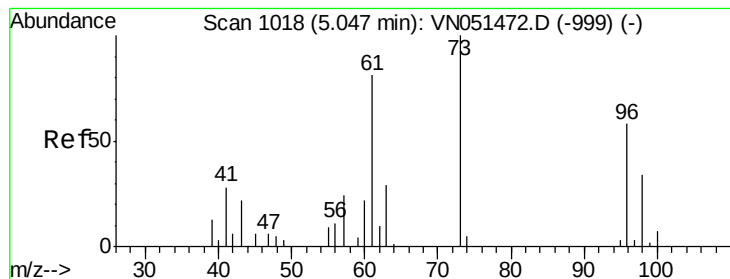
#18
Methylene Chloride
Concen: 22.133 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion: 84 Resp: 124354
Ion Ratio Lower Upper
84 100
49 121.8 91.6 137.4
51 38.3 29.8 44.6
86 62.2 48.2 72.4



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





#19

trans-1,2-Dichloroethene

Concen: 22.024 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

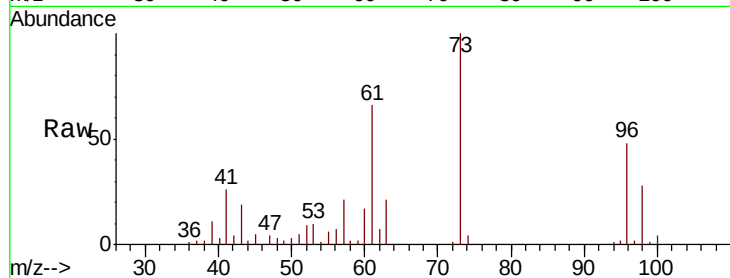
Tot Ion: 96 Resp: 112163

Ion Ratio Lower Upper

96 100

61 134.9 112.3 168.5

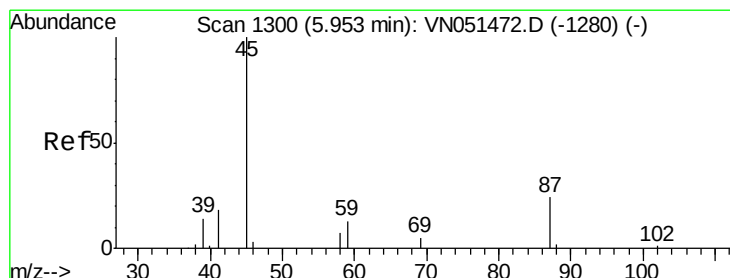
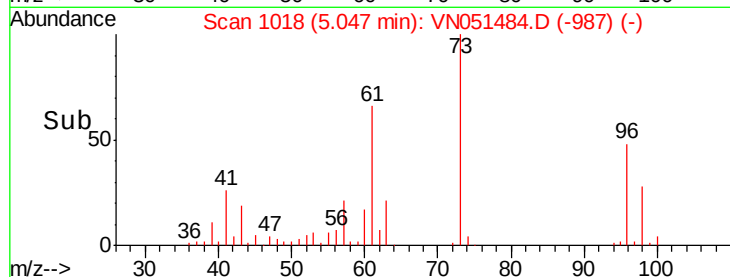
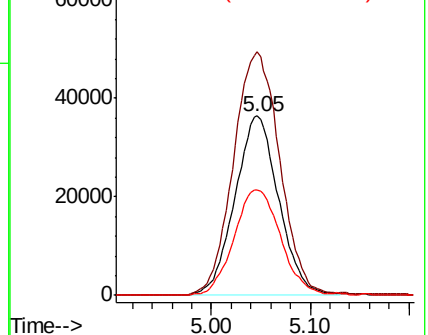
98 58.2 47.1 70.7



Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 22.654 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Tgt Ion: 45 Resp: 373573

Ion Ratio Lower Upper

45 100

43 57.8 62.1 93.1#

87 27.2 19.9 29.9

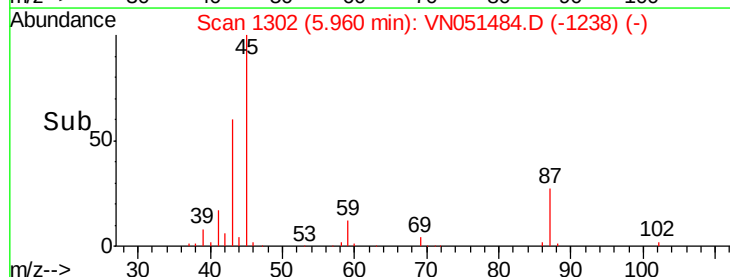
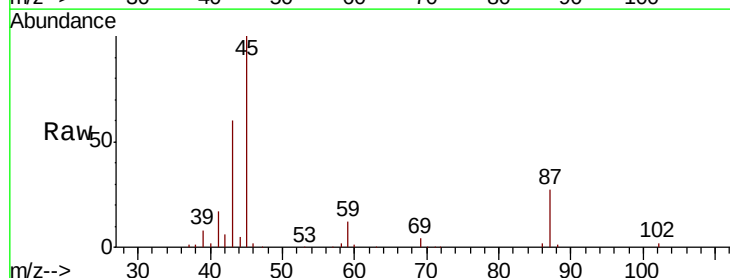
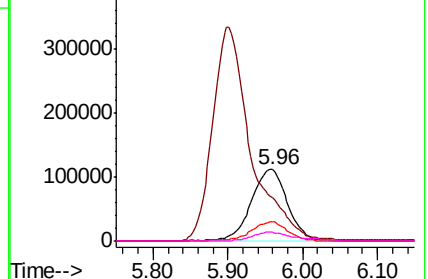
59 11.5 9.8 14.6

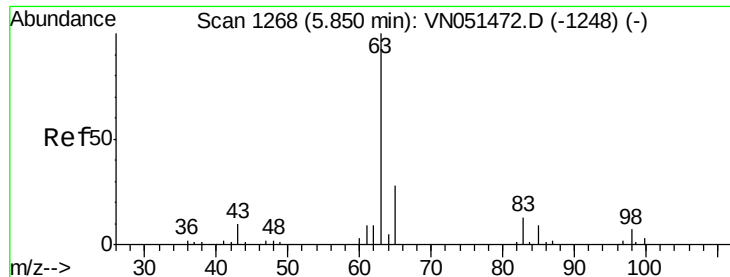
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

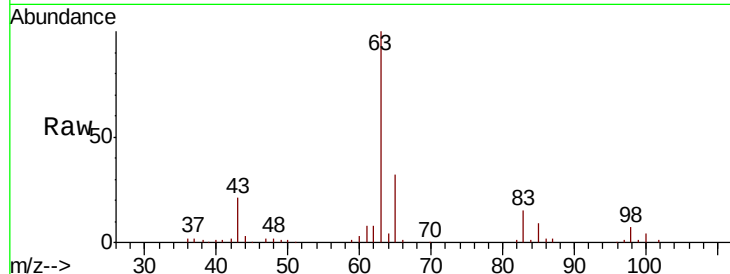




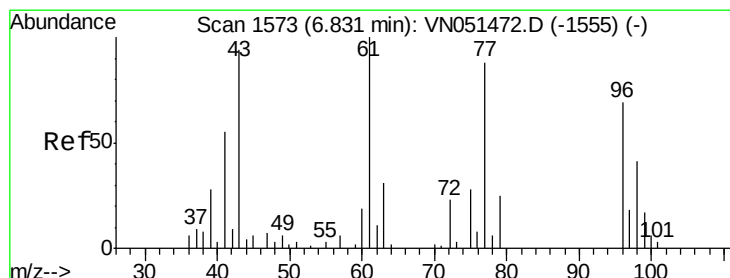
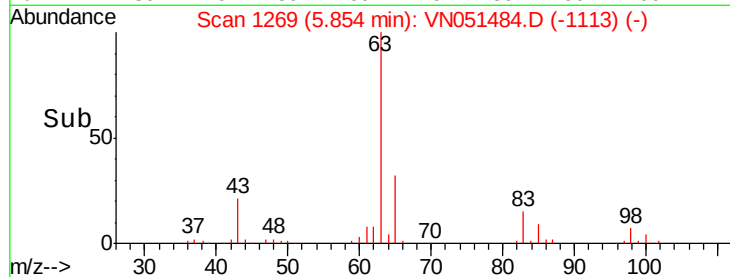
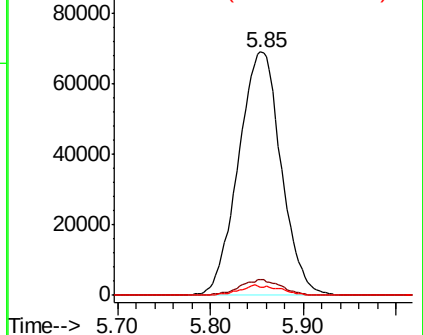
#21
 1,1-Dichloroethane
 Concen: 22.216 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.7	4.1	12.3
100	3.5	1.6	4.7

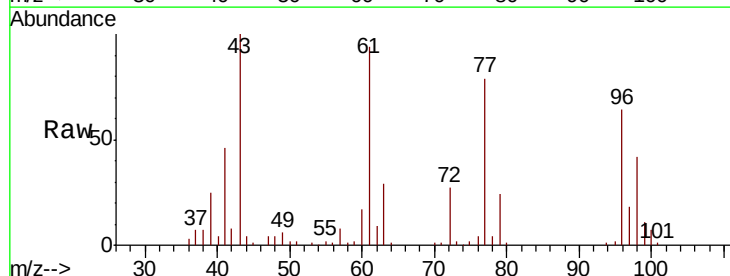


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

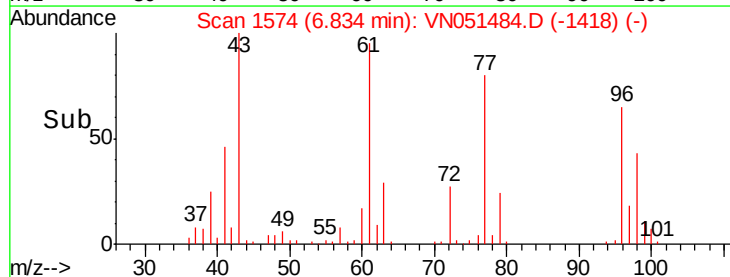
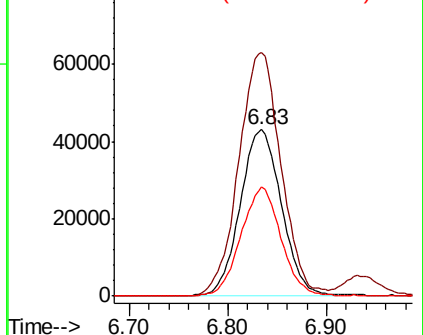


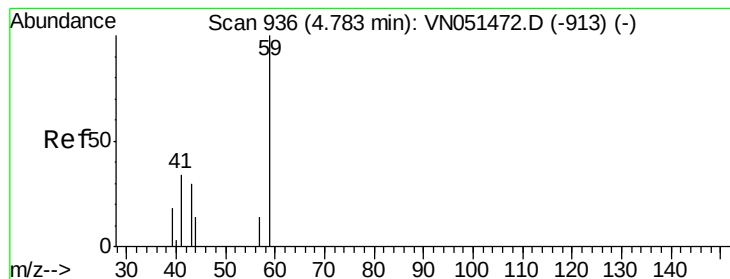
#22
 cis-1,2-Dichloroethene
 Concen: 21.932 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.8	124.5	186.7
98	63.7	51.9	77.9



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



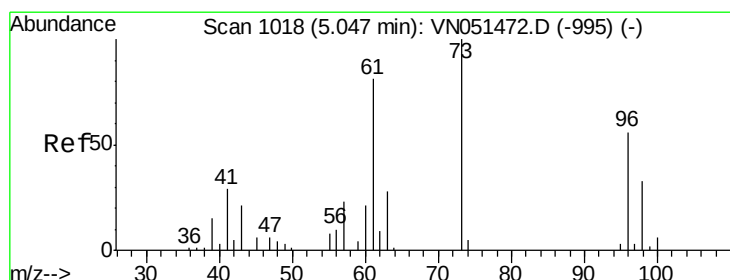
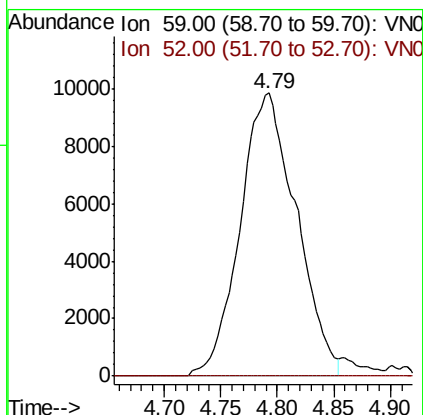
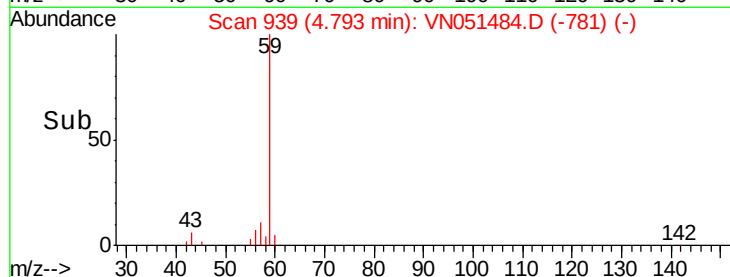
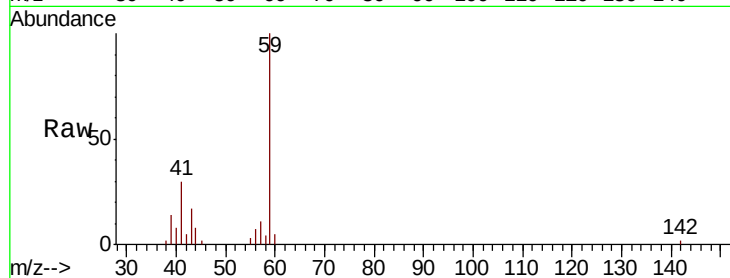


#23

tert-Butyl Alcohol
 Concen: 107.626 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

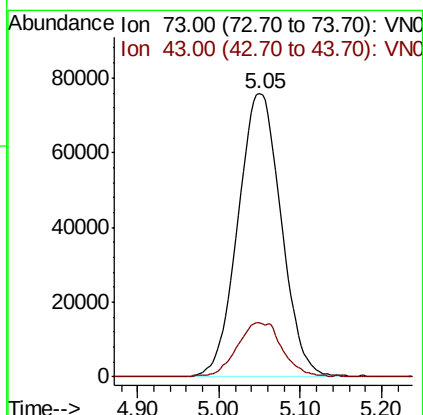
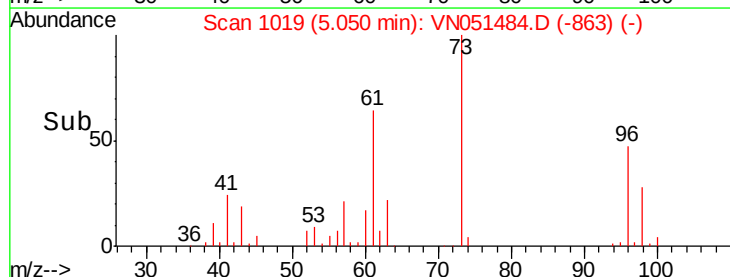
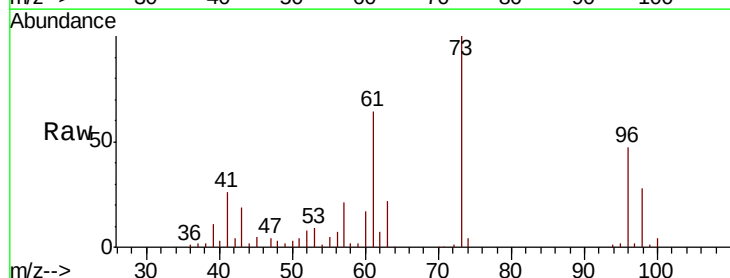
Tot Ion: 59 Resp: 34044
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

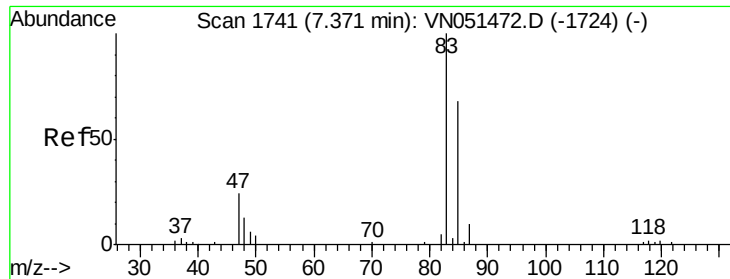


#24

Methyl tert-Butyl Ether
 Concen: 21.752 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 73 Resp: 278728
 Ion Ratio Lower Upper
 73 100
 43 11.8 5.4 8.0#

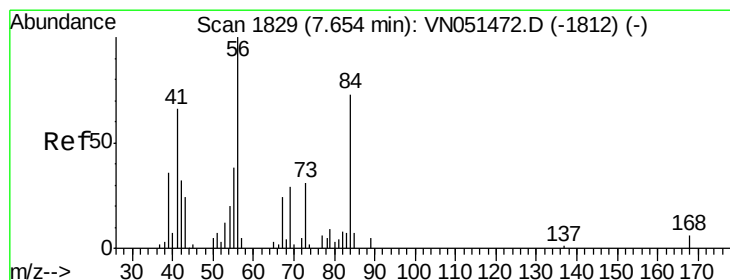
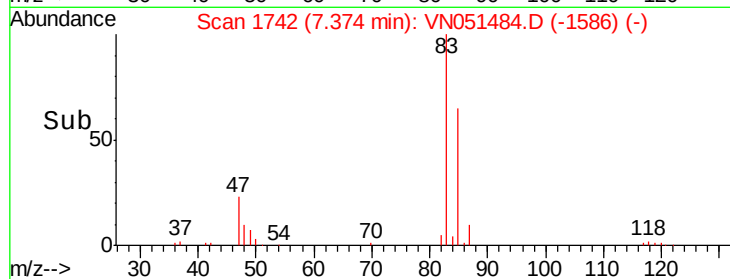
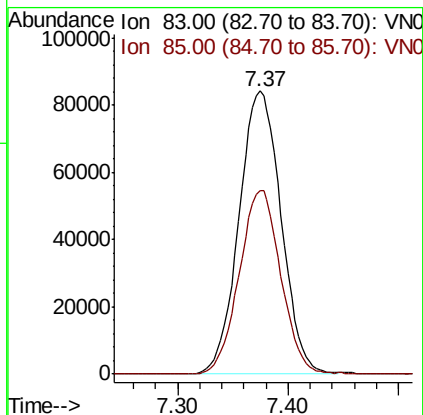
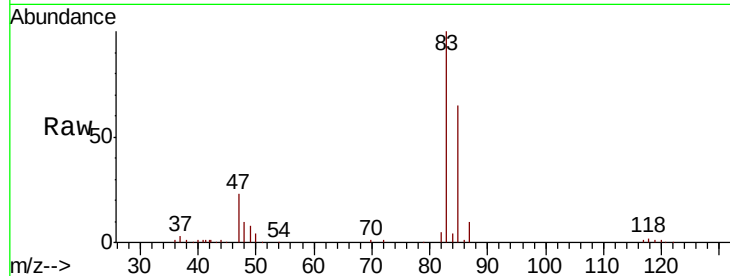




#25
Chloroform
Concen: 22.549 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

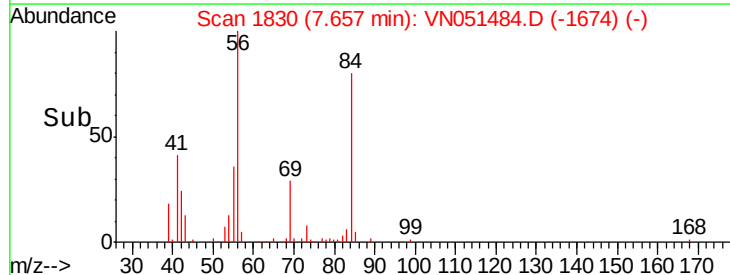
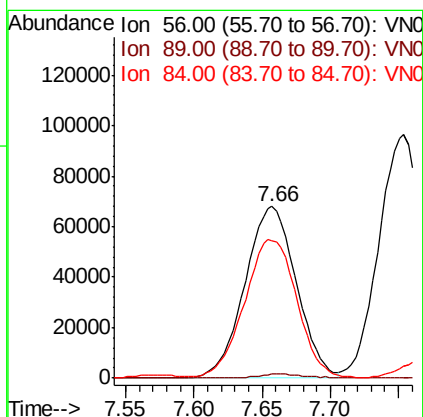
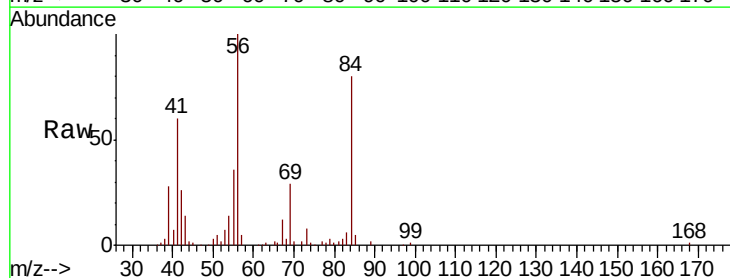
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

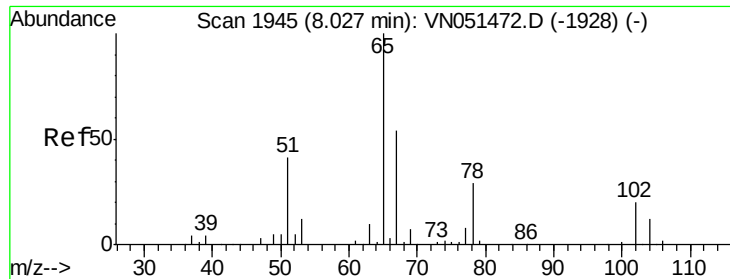
Tot Ion: 83 Resp: 223403
Ion Ratio Lower Upper
83 100
85 64.8 54.6 82.0



#26
Cyclohexane
Concen: 21.025 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion: 56 Resp: 177805
Ion Ratio Lower Upper
56 100
89 2.0 1.5 2.3
84 82.8 64.2 96.4

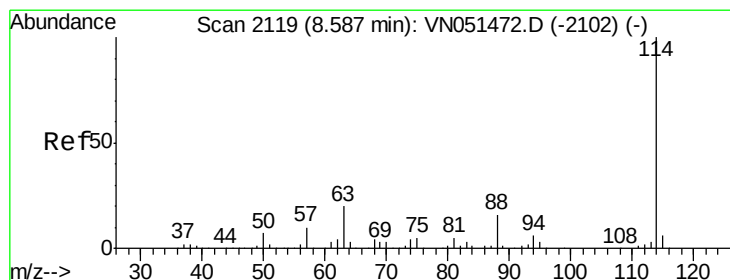
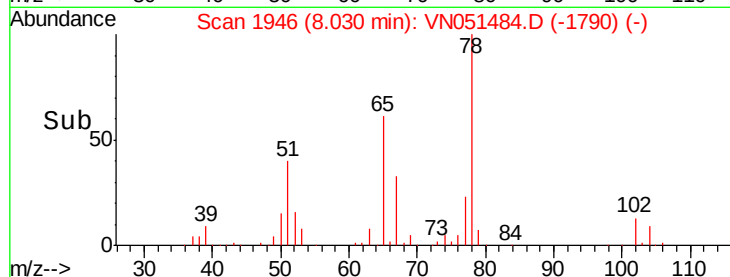
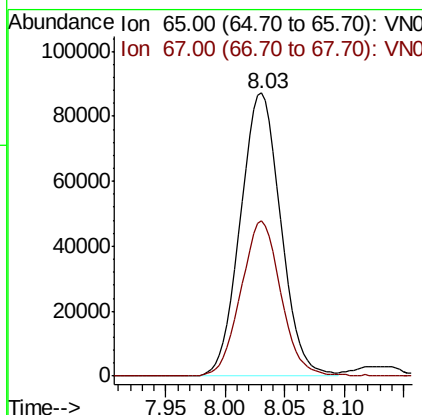
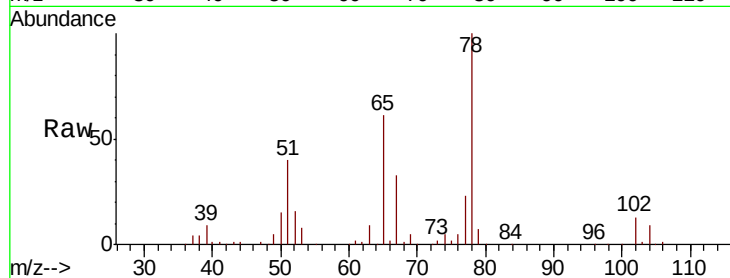




#27
 1,2-Dichloroethane-d4
 Concen: 29.908 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

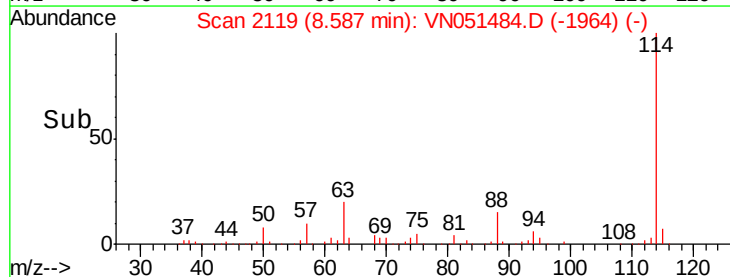
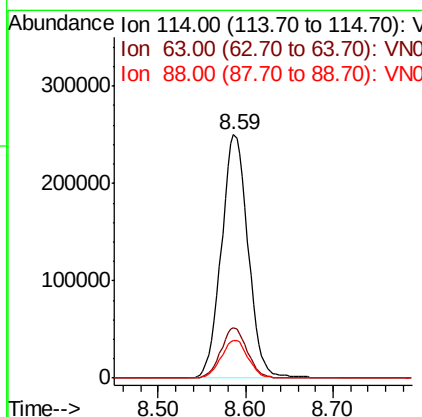
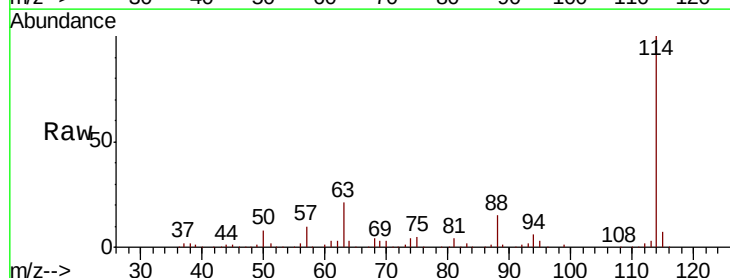
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

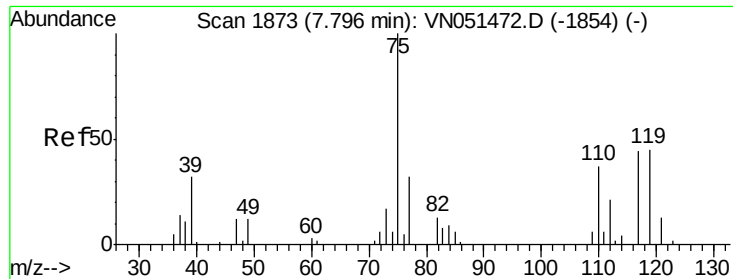
Tot Ion: 65 Resp: 205275
 Ion Ratio Lower Upper
 65 100
 67 54.0 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 114 Resp: 530463
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.2 24.2
 88 15.6 12.2 18.4

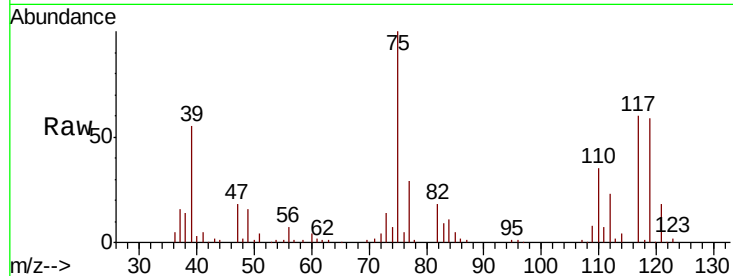




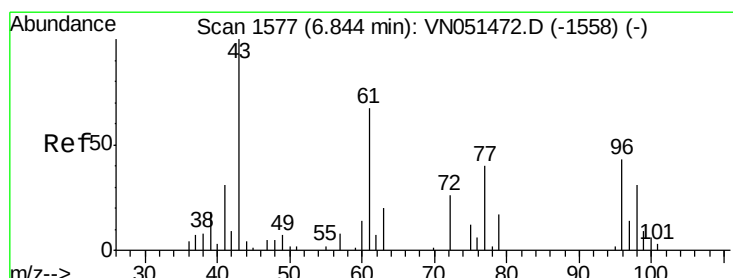
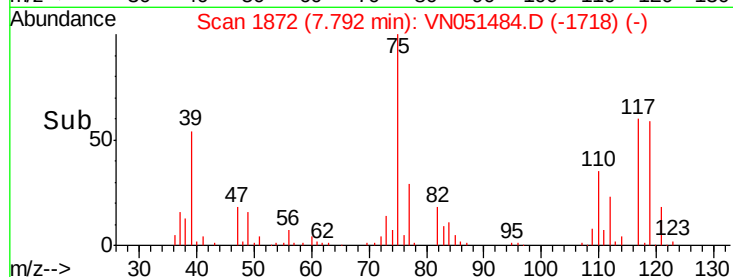
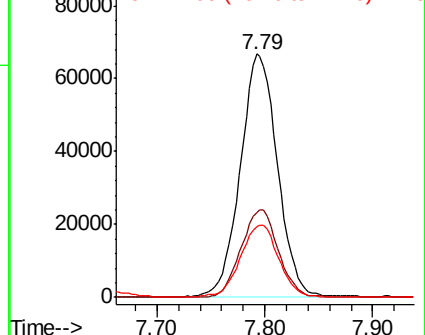
#29
 1,1-Dichloropropene
 Concen: 21.295 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion: 75 Resp: 159055
 Ion Ratio Lower Upper
 75 100
 110 36.2 0.0 70.8
 77 30.9 0.0 61.6

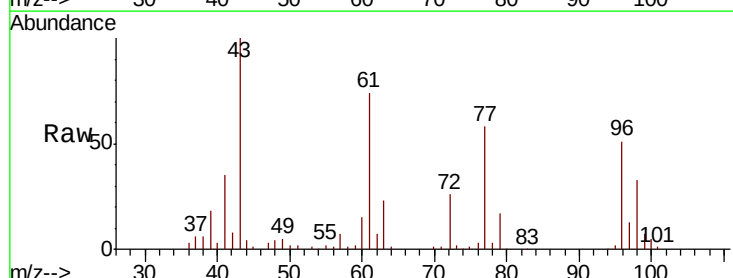


Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VN0

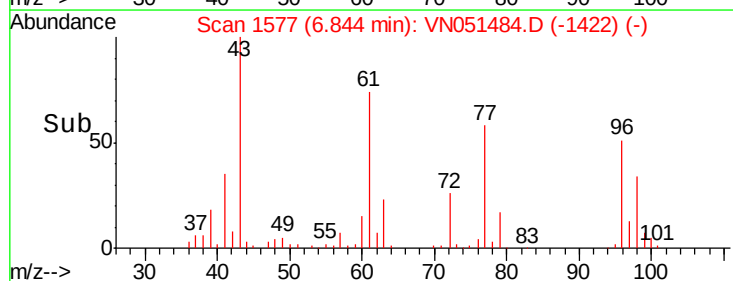
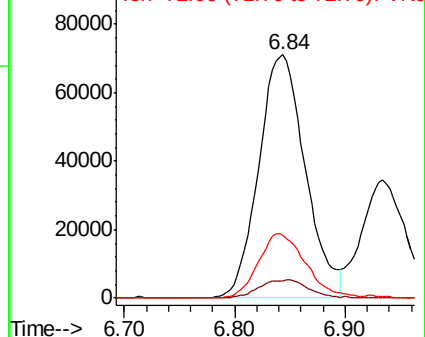


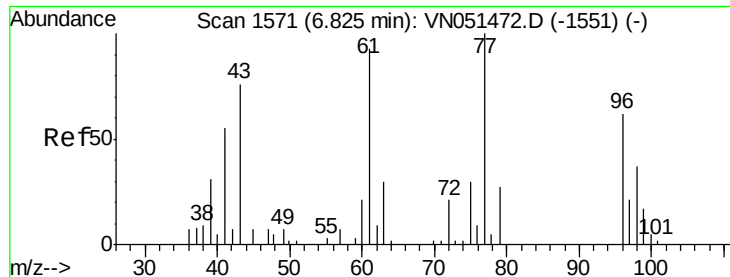
#30
 2-Butanone
 Concen: 108.205 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 43 Resp: 208760
 Ion Ratio Lower Upper
 43 100
 57 3.6 4.5 6.7#
 72 26.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0

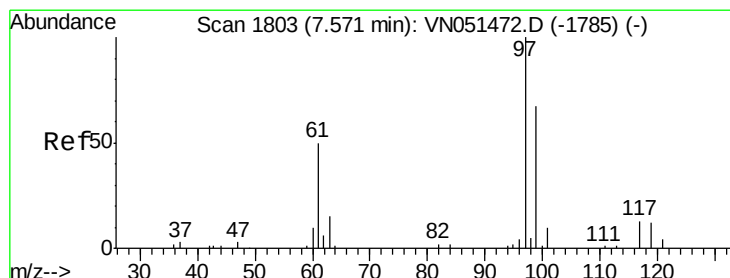
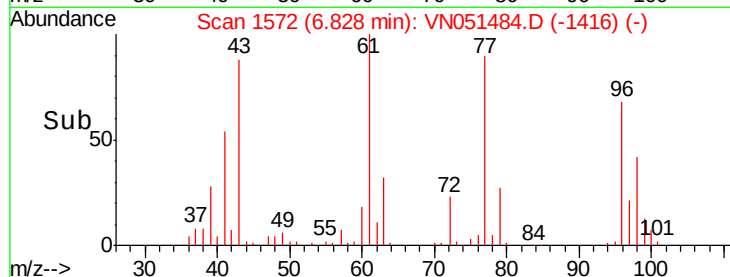
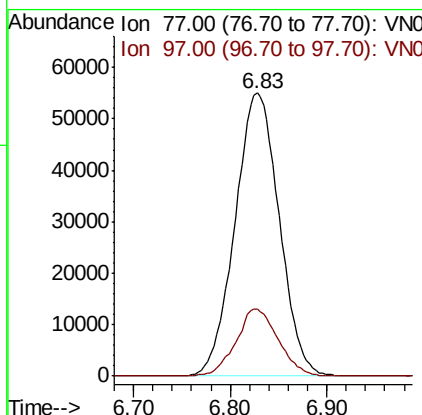
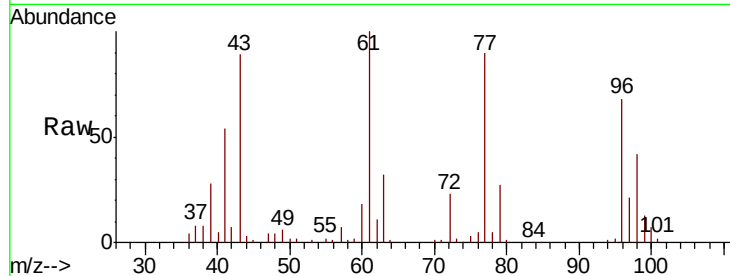




#31
 2,2-Dichloropropane
 Concen: 21.962 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

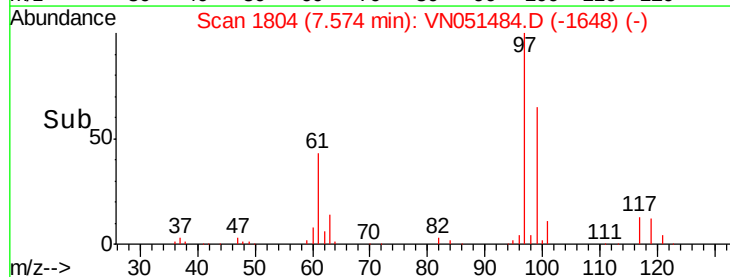
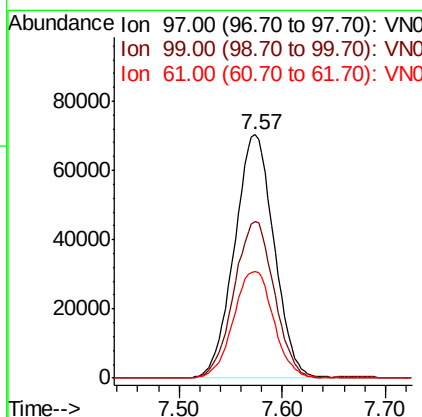
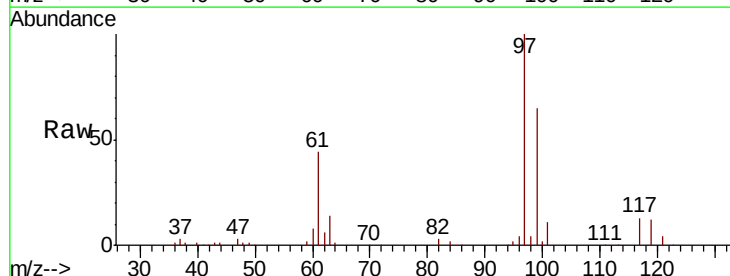
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

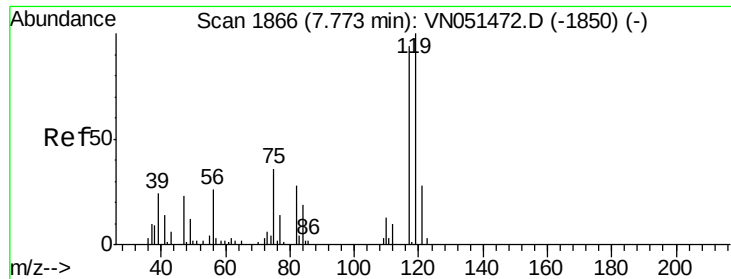
Tot Ion: 77 Resp: 174968
 Ion Ratio Lower Upper
 77 100
 97 22.7 12.0 18.0#



#32
 1,1,1-Trichloroethane
 Concen: 22.059 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 97 Resp: 188092
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.6 77.4
 61 44.4 37.4 56.0

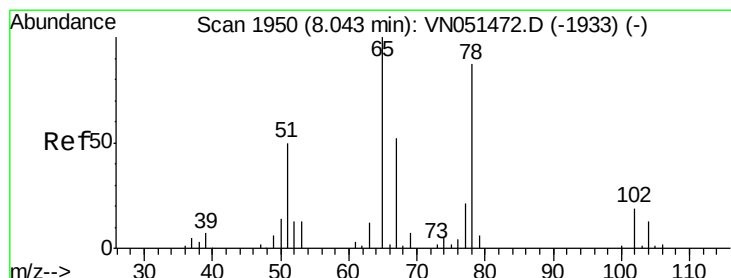
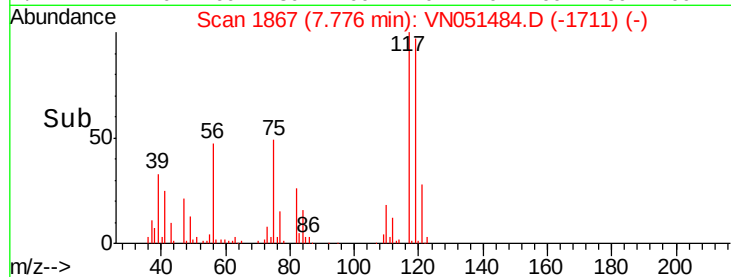
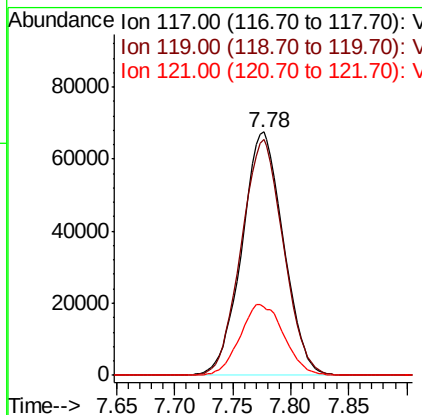
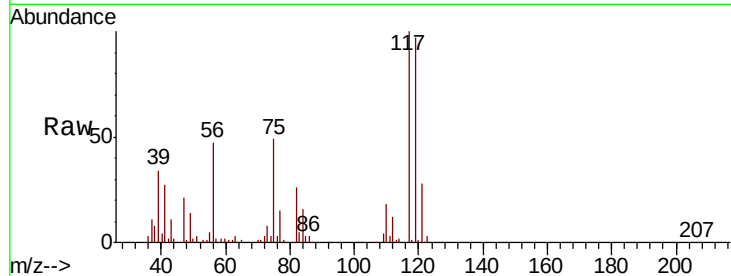




#33
 Carbon Tetrachloride
 Concen: 21.532 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

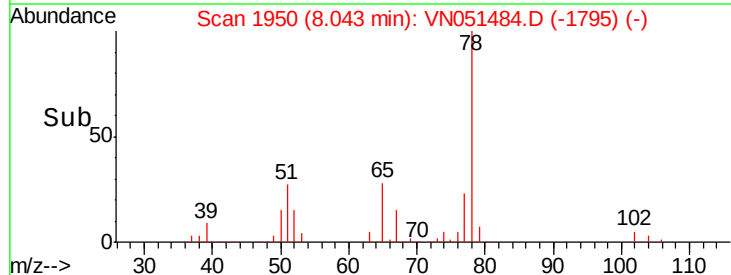
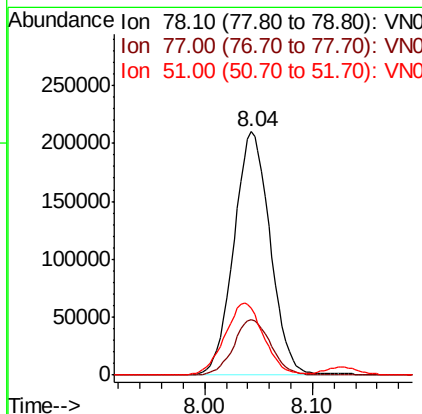
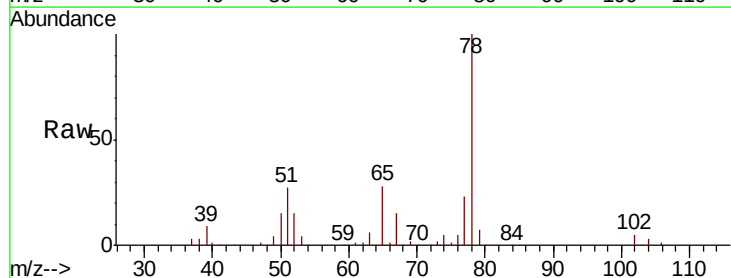
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

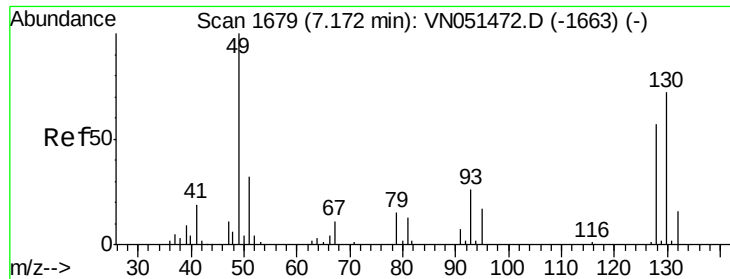
Tot Ion:117 Resp: 168464
 Ion Ratio Lower Upper
 117 100
 119 96.8 85.1 127.7
 121 28.0 24.2 36.2



#34
 Benzene
 Concen: 22.204 ug/l
 RT: 8.04 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 78 Resp: 492365
 Ion Ratio Lower Upper
 78 100
 77 22.9 18.8 28.2
 51 27.1 46.2 69.4#

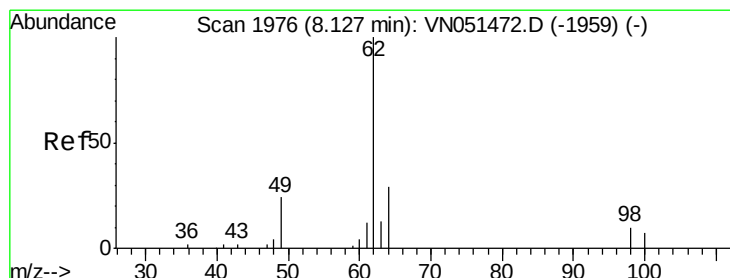
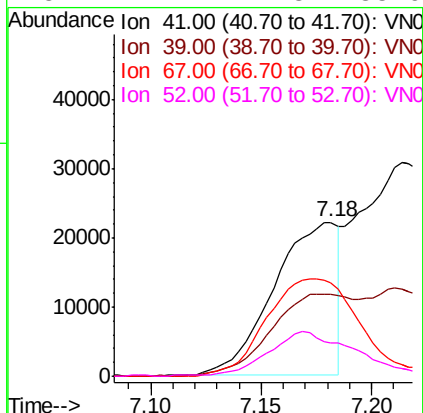
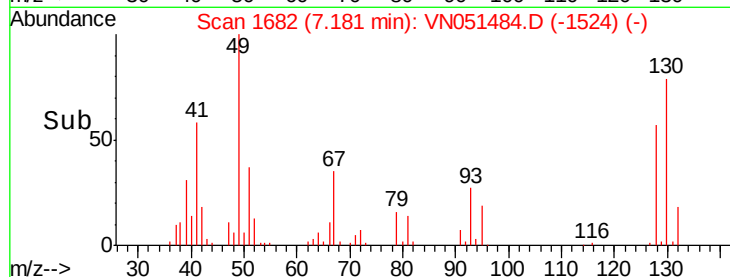
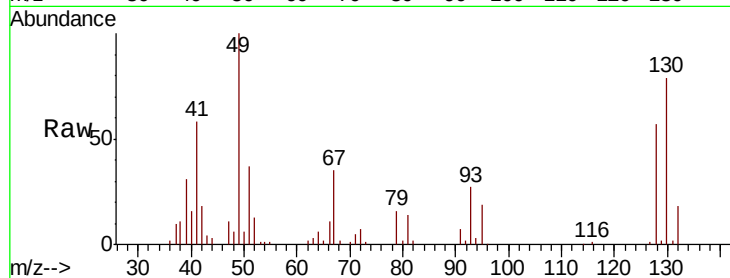




#35
Methacrylonitrile
Concen: 16.053 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

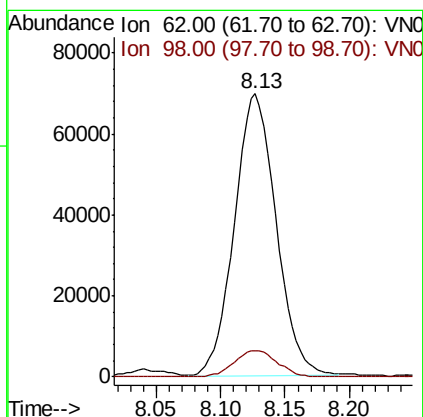
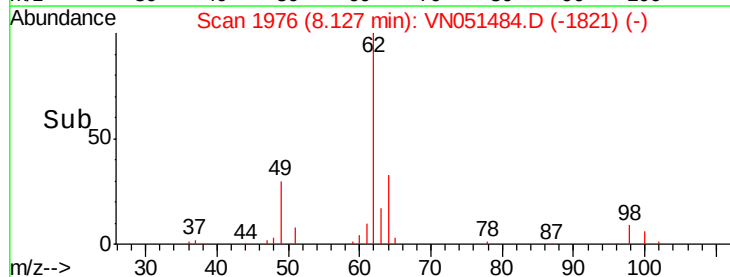
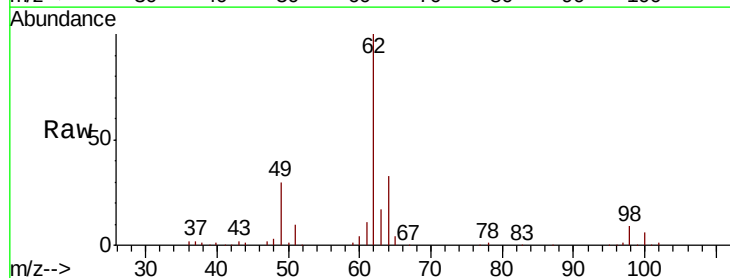
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

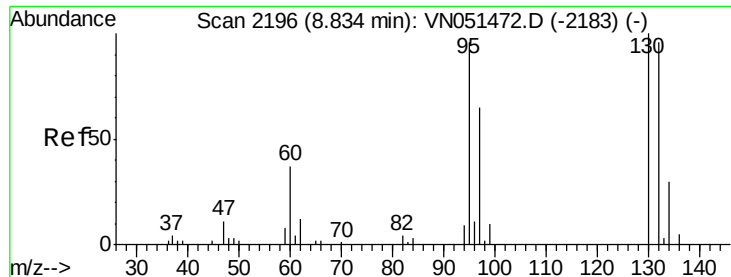
Tot Ion:	41	Resp:	44630
Ion	Ratio	Lower	Upper
41	100		
39	52.9	22.6	67.7
67	61.1	28.9	86.8
52	21.4	11.3	33.9



#36
1,2-Dichloroethane
Concen: 21.705 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion:	62	Resp:	156720
Ion	Ratio	Lower	Upper
62	100		
98	9.7	6.9	10.3

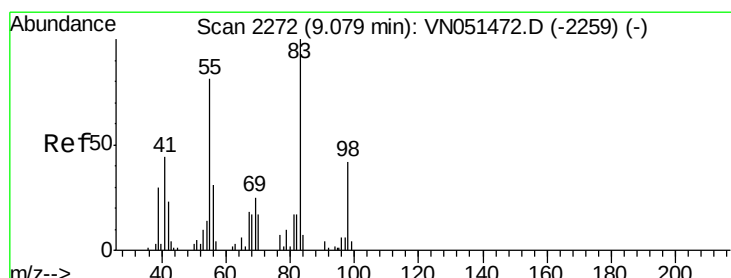
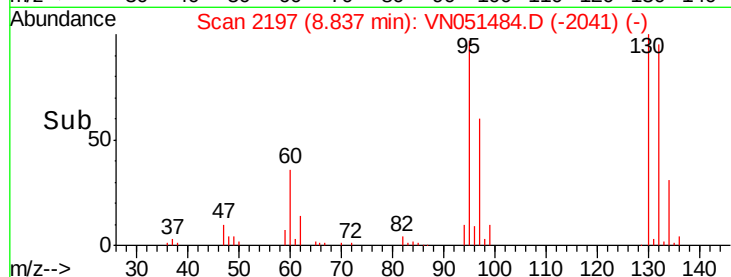
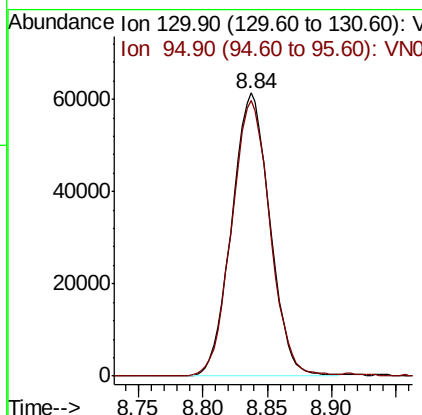
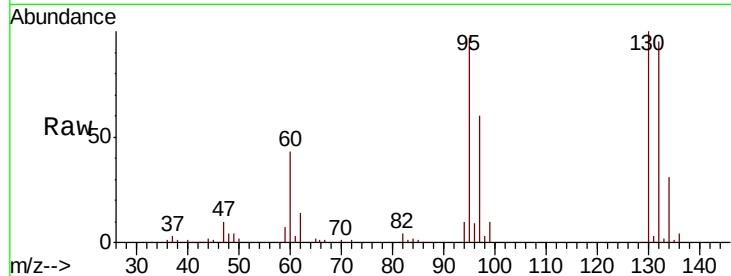




#37
 Trichloroethene
 Concen: 21.470 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

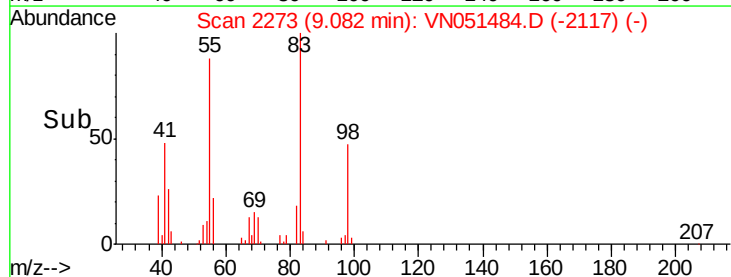
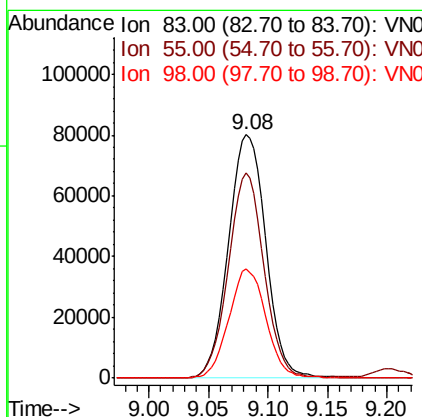
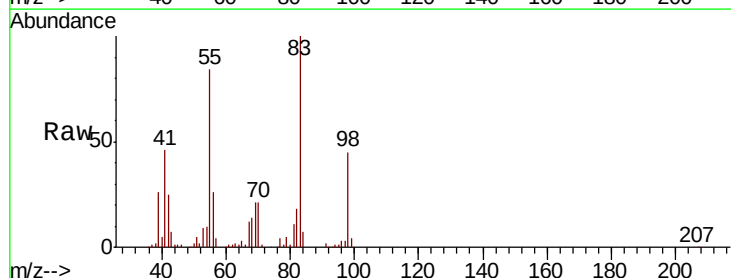
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

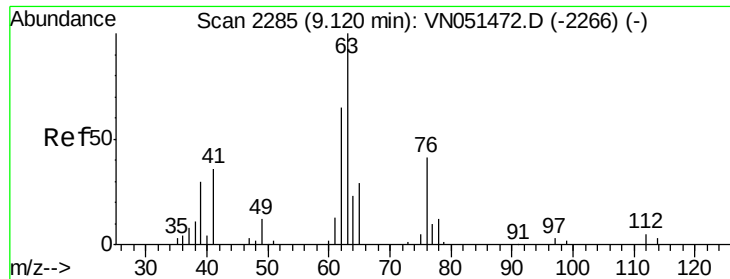
Tot Ion:130 Resp: 126187
 Ion Ratio Lower Upper
 130 100
 95 97.2 76.4 114.6



#38
 Methylcyclohexane
 Concen: 20.170 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 83 Resp: 174635
 Ion Ratio Lower Upper
 83 100
 55 80.5 43.0 129.2
 98 44.5 21.3 63.7





#39

1,2-Dichloropropane

Concen: 22.281 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

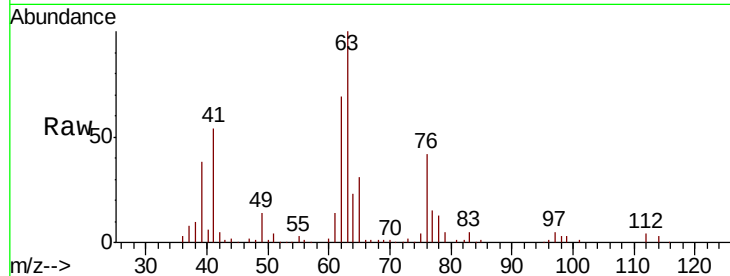
VN0925WBS01

Tot Ion: 63 Resp: 134409

Ion Ratio Lower Upper

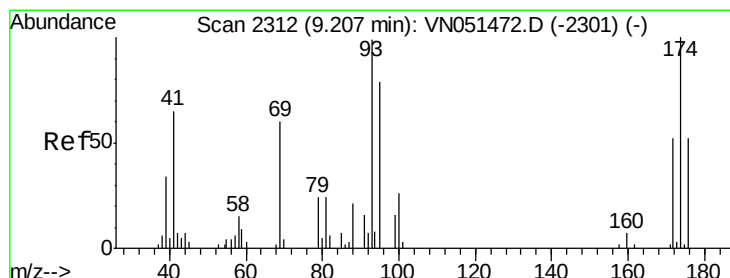
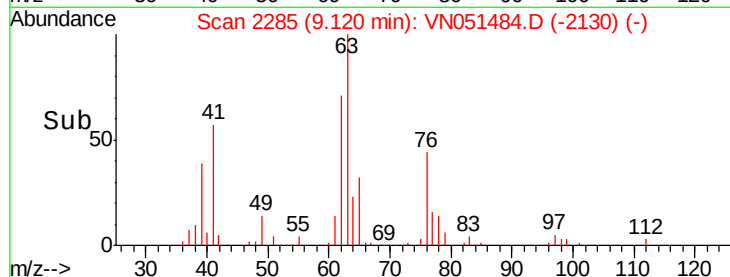
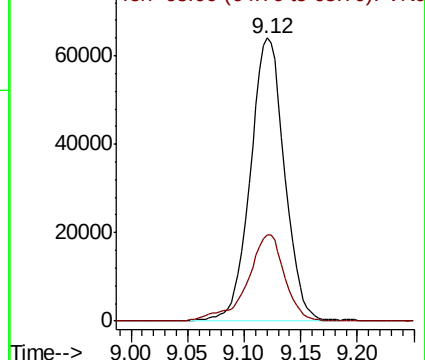
63 100

65 30.2 23.2 34.8



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 22.055 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

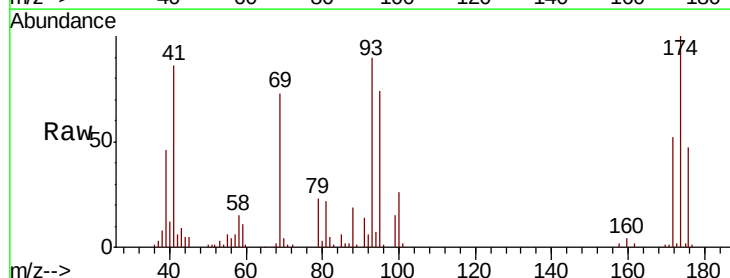
Tgt Ion: 93 Resp: 75723

Ion Ratio Lower Upper

93 100

95 82.9 0.0 162.0

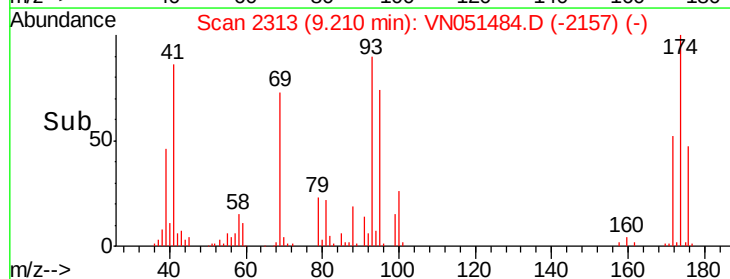
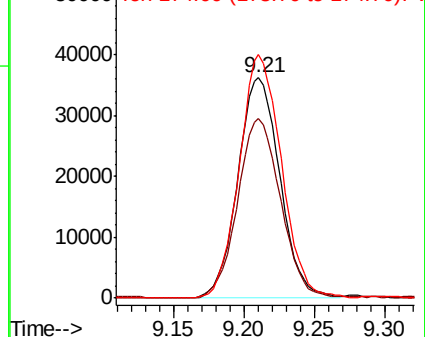
174 110.4 0.0 214.0

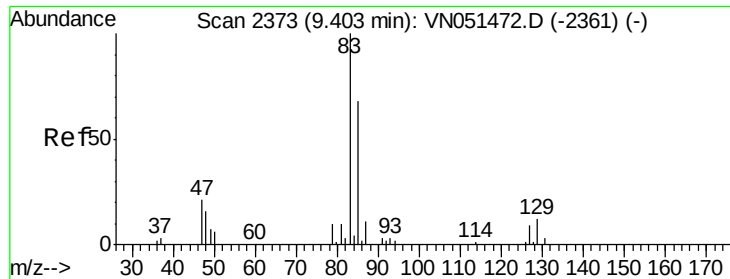


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 21.515 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampled :

VN0925WBS01

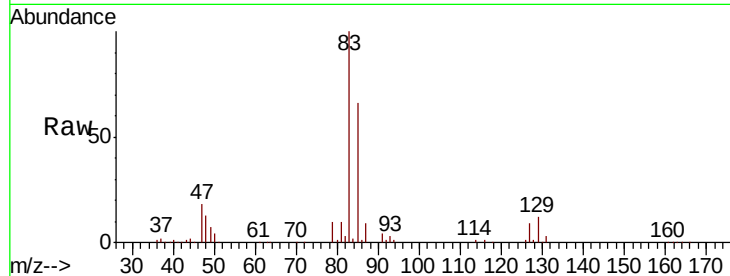
Tot Ion: 83 Resp: 162406

Ion Ratio Lower Upper

83 100

85 66.0 55.7 83.5

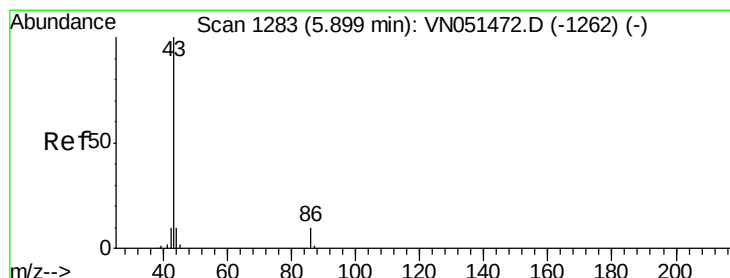
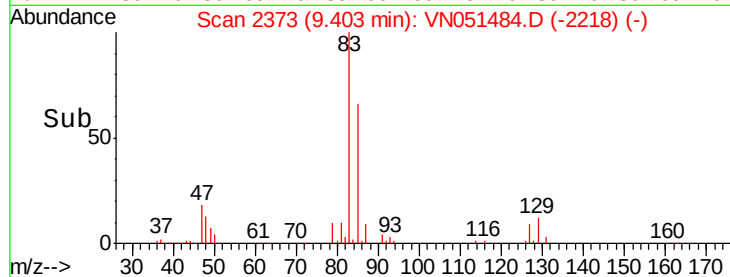
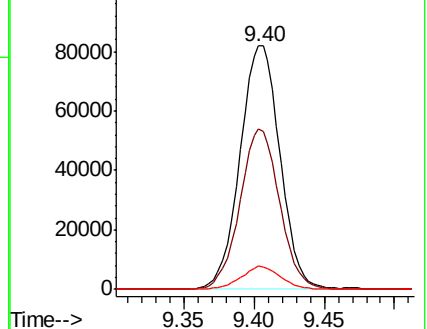
127 9.4 8.2 12.4



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: 111.088 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051484.D

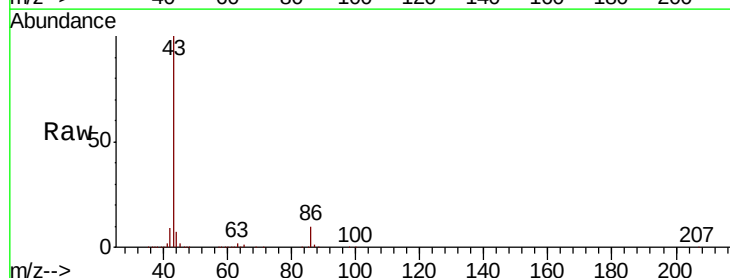
Acq: 25 Sep 2018 14:51

Tgt Ion: 43 Resp: 1191760

Ion Ratio Lower Upper

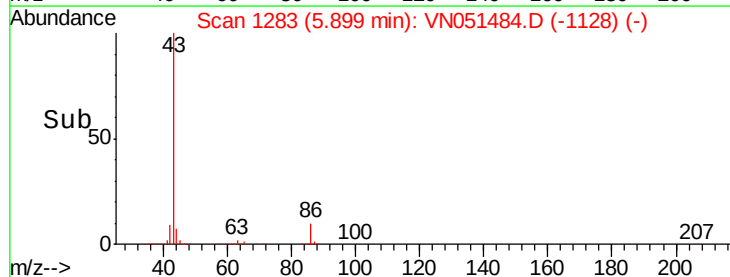
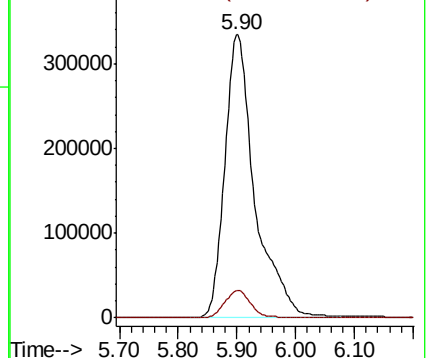
43 100

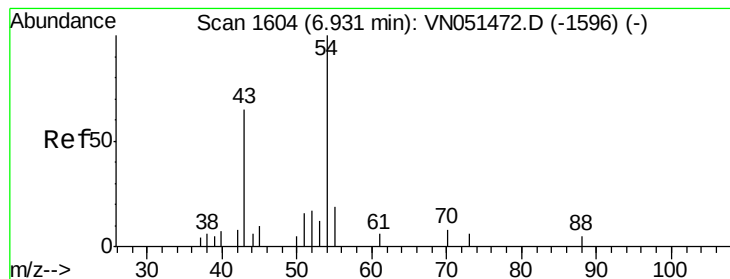
86 8.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 20.596 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

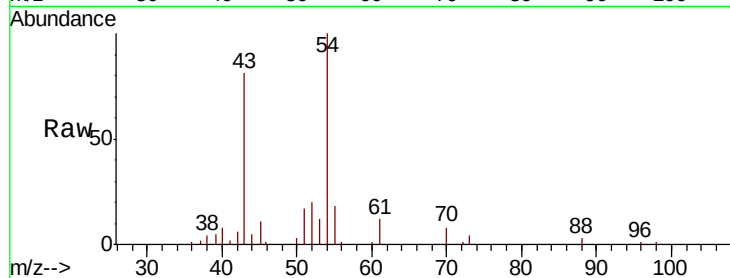
VN0925WBS01

Tot Ion: 43 Resp: 82679

Ion Ratio Lower Upper

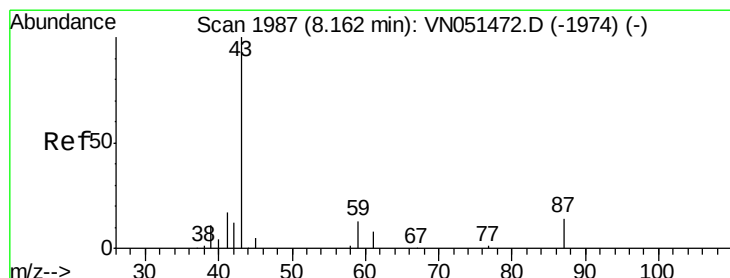
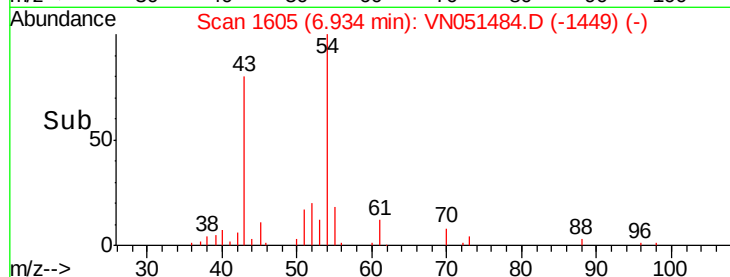
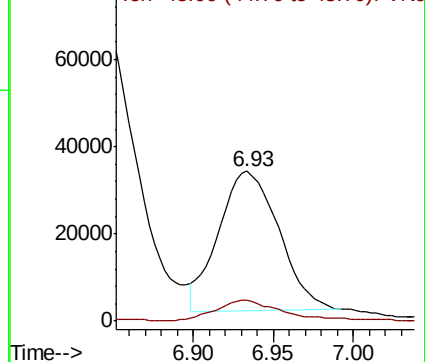
43 100

45 15.6 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 21.918 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051484.D

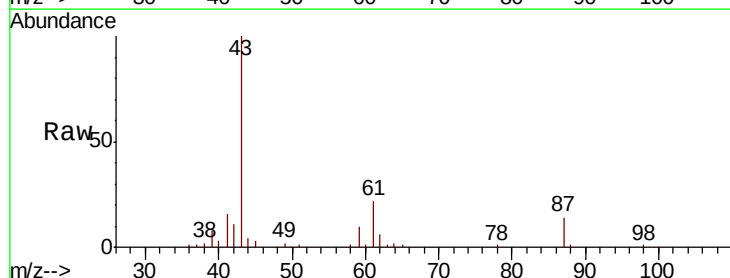
Acq: 25 Sep 2018 14:51

Tgt Ion: 43 Resp: 169223

Ion Ratio Lower Upper

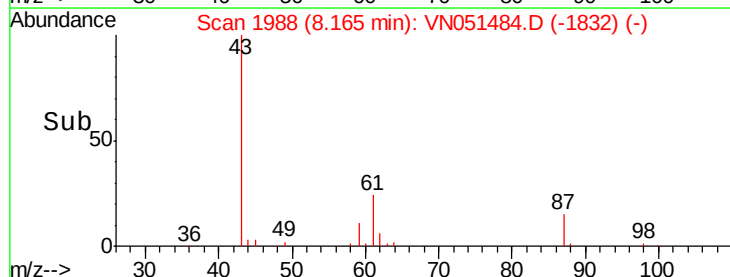
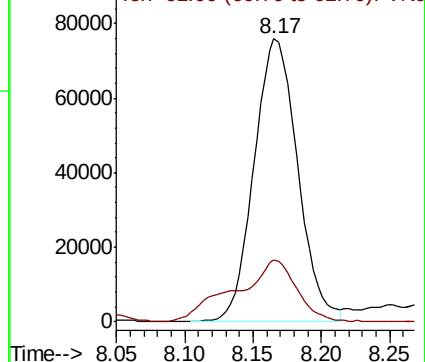
43 100

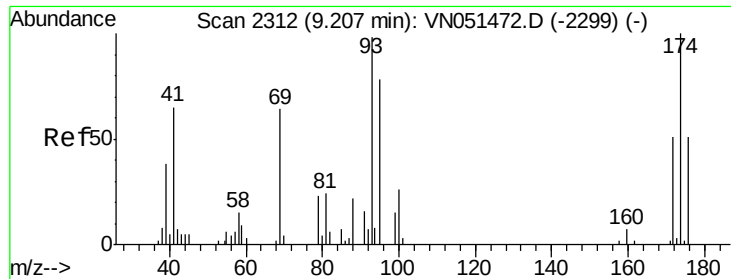
61 18.8 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

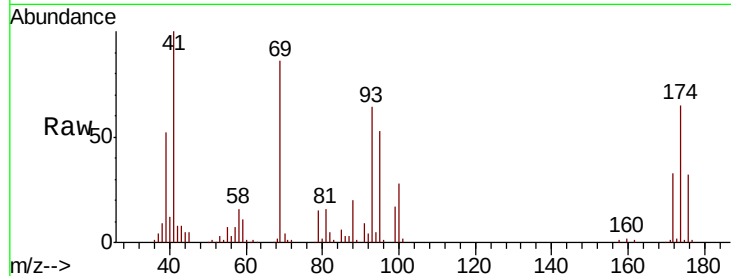




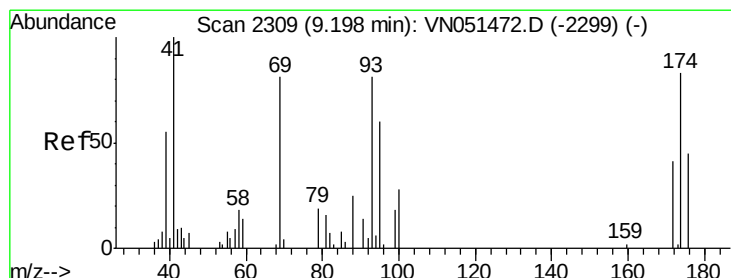
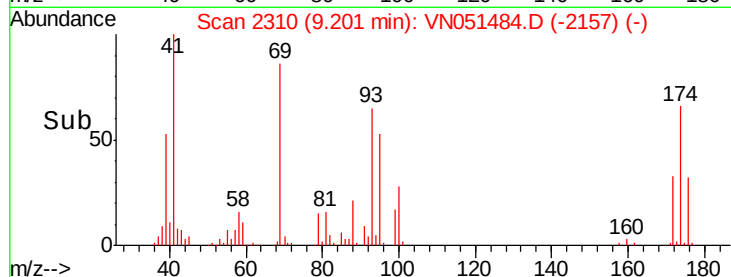
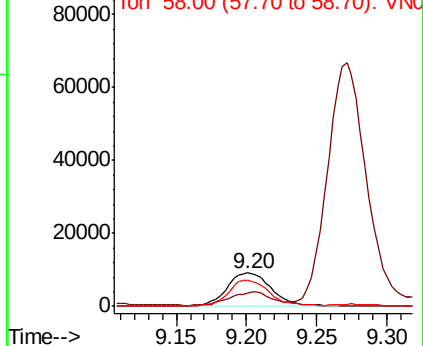
#45
 1,4-Dioxane
 Concen: 433.553 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion: 88 Resp: 20364
 Ion Ratio Lower Upper
 88 100
 43 36.8 26.2 39.2
 58 73.2 65.6 98.4

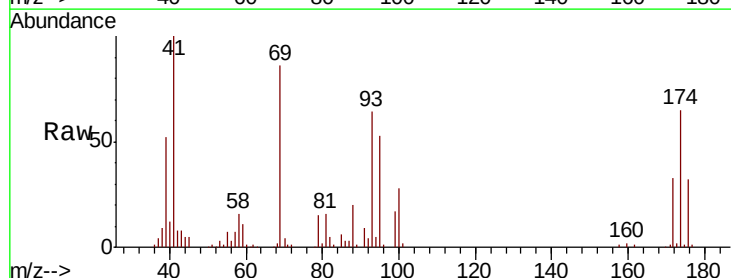


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

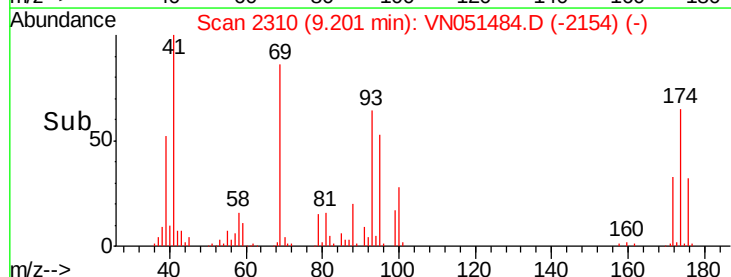
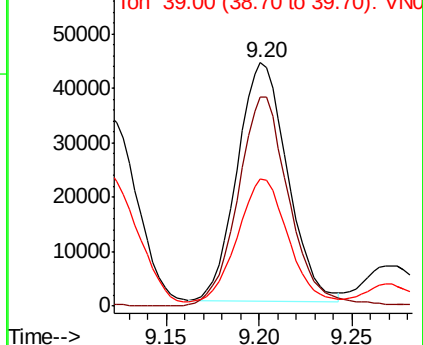


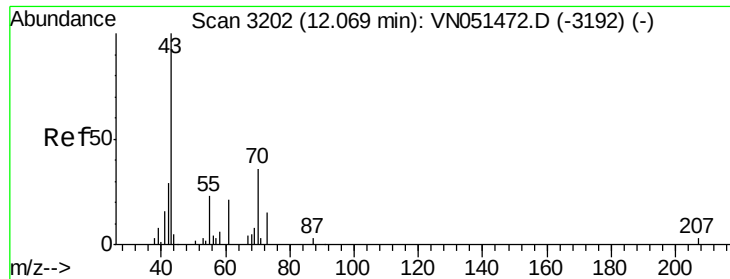
#46
 Methyl methacrylate
 Concen: 21.492 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 41 Resp: 82171
 Ion Ratio Lower Upper
 41 100
 69 87.4 40.7 122.1
 39 51.8 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





#47

n-amyl Acetate

Concen: 19.795 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampled :

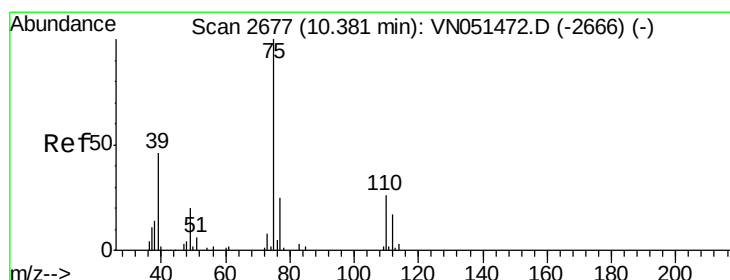
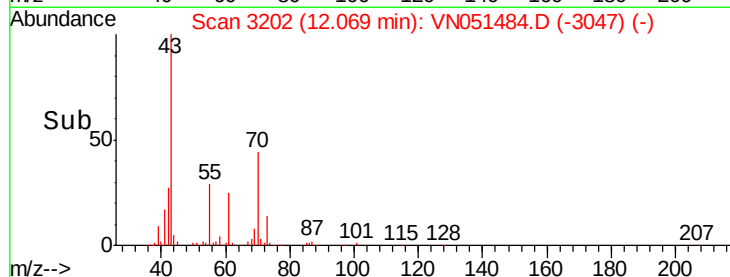
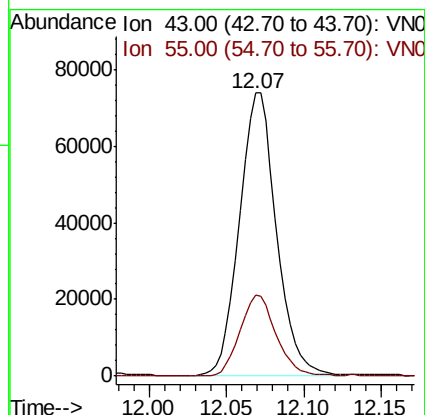
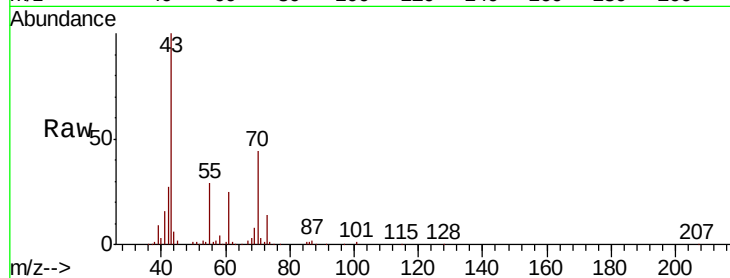
VN0925WBS01

Tot Ion: 43 Resp: 122127

Ion Ratio Lower Upper

43 100

55 28.2 12.2 18.4#



#48

t-1,3-Dichloropropene

Concen: 20.852 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051484.D

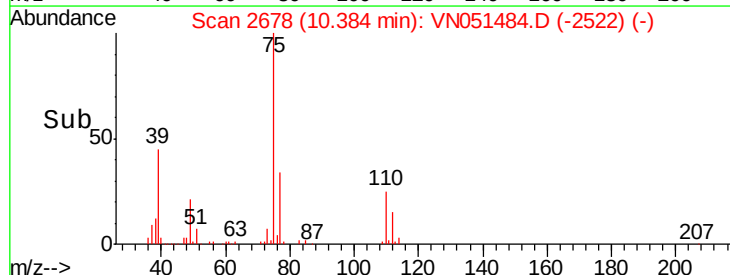
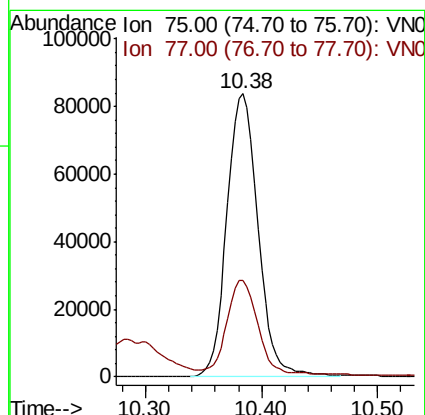
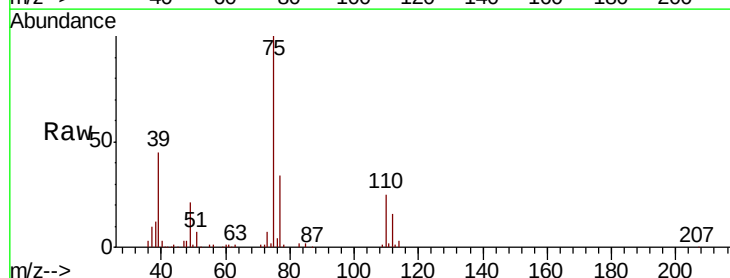
Acq: 25 Sep 2018 14:51

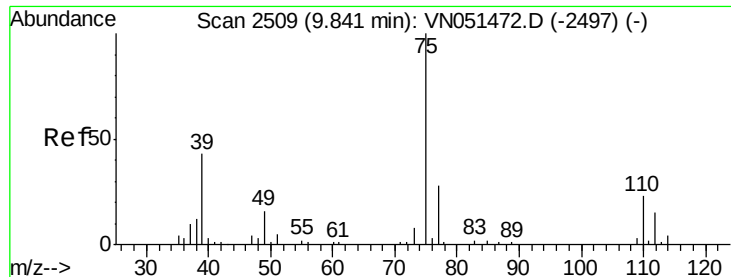
Tgt Ion: 75 Resp: 156299

Ion Ratio Lower Upper

75 100

77 33.1 24.6 37.0



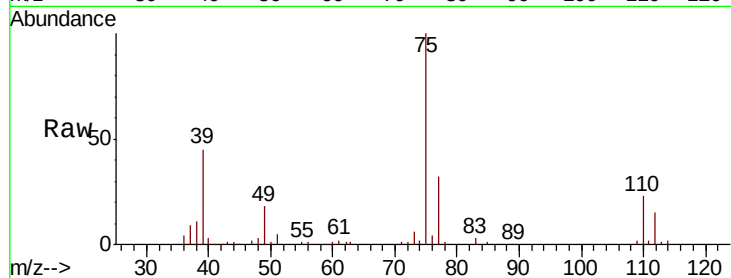


#49

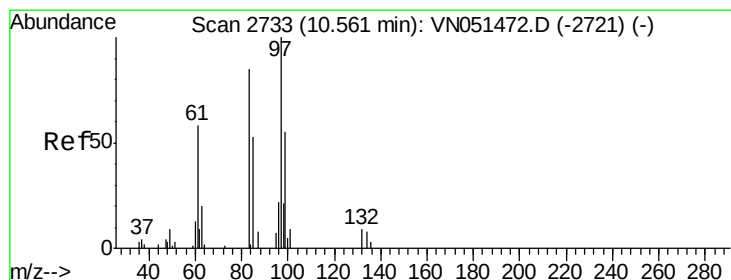
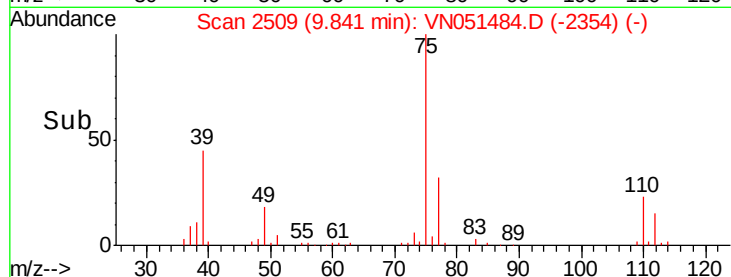
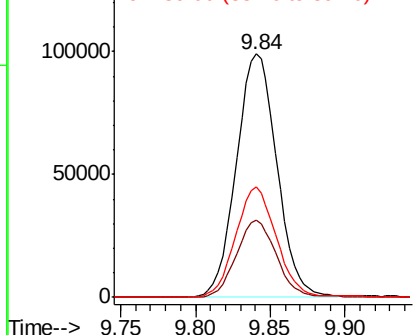
cis-1,3-Dichloropropene
Concen: 21.573 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion:	75	Resp:	187177
Ion	Ratio	Lower	Upper
75	100		
77	31.8	23.2	34.8
39	45.2	34.6	52.0



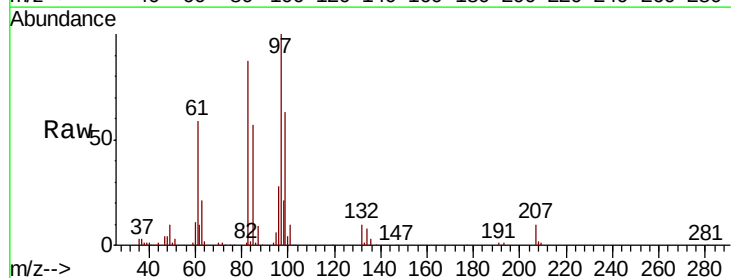
Abundance Ion 75.00 (74.70 to 75.70): VNC
Ion 77.00 (76.70 to 77.70): VNC
Ion 39.00 (38.70 to 39.70): VNC



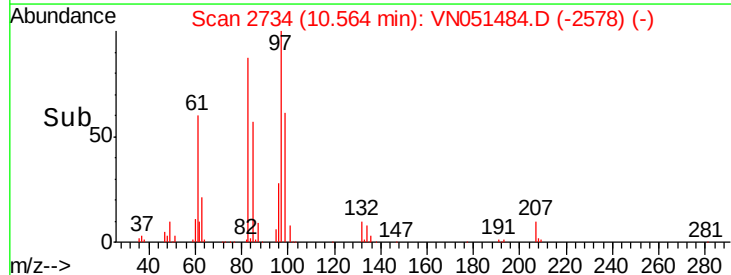
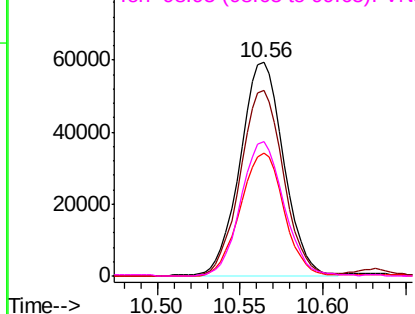
#50

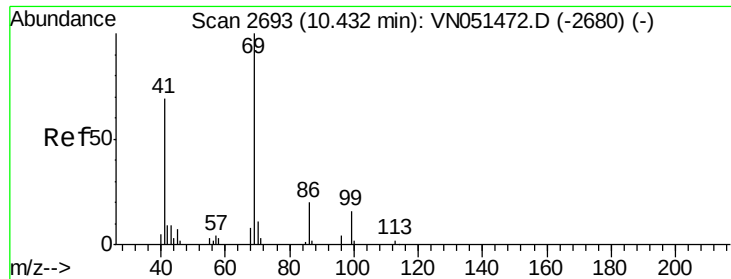
1,1,2-Trichloroethane
Concen: 22.124 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion:	97	Resp:	108608
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.2	102.4
85	57.8	42.5	63.7
99	63.2	44.3	66.5



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





#51

Ethyl methacrylate

Concen: 21.171 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

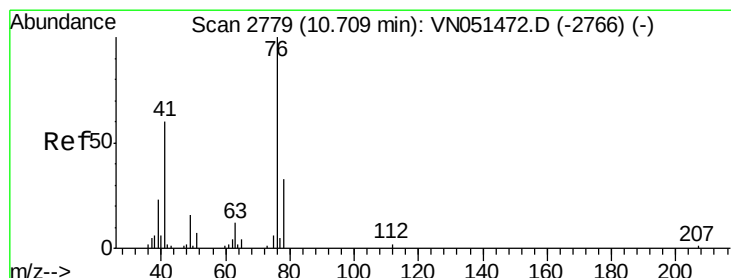
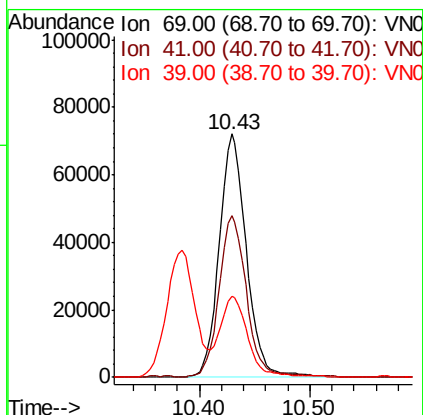
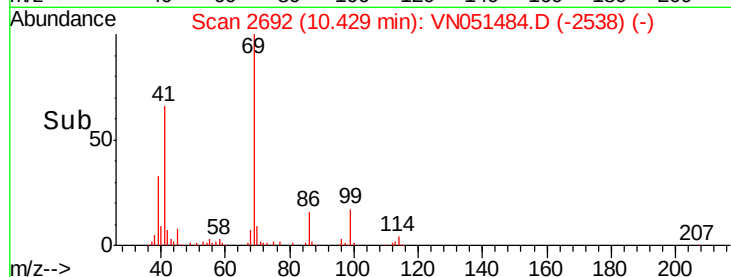
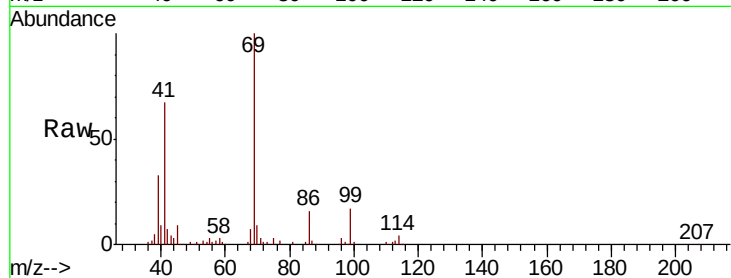
Tot Ion: 69 Resp: 123000

Ion Ratio Lower Upper

69 100

41 66.1 34.4 103.1

39 33.0 16.3 48.8



#52

1,3-Dichloropropane

Concen: 21.993 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051484.D

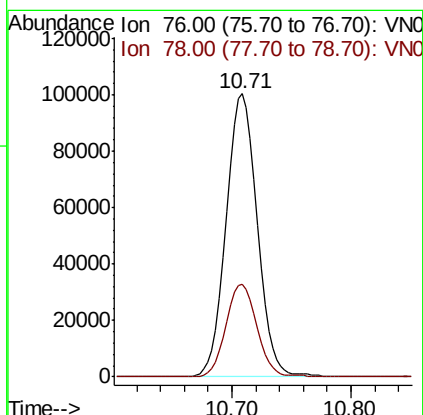
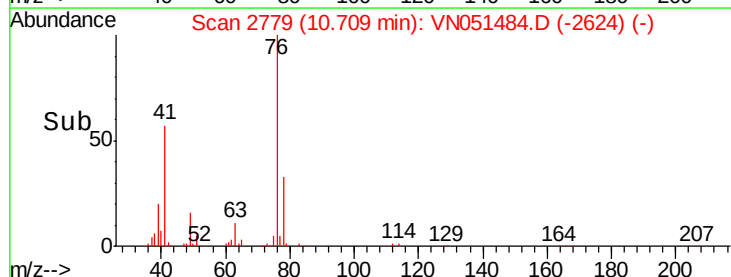
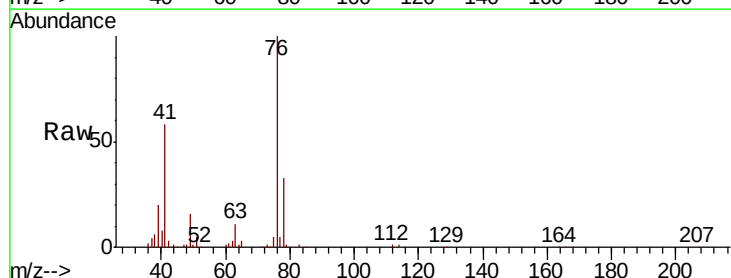
Acq: 25 Sep 2018 14:51

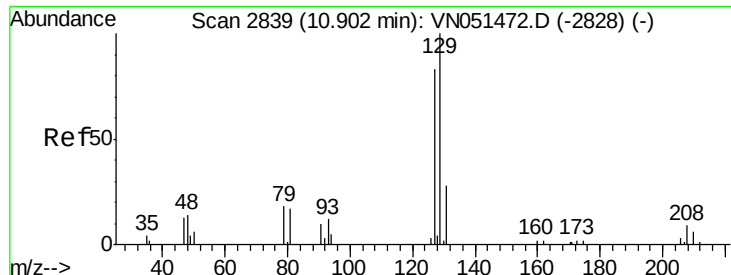
Tgt Ion: 76 Resp: 182143

Ion Ratio Lower Upper

76 100

78 32.6 0.0 67.6

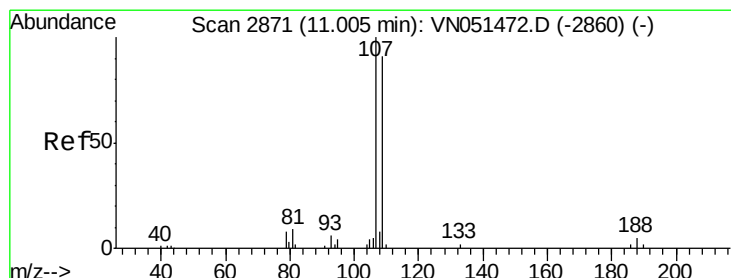
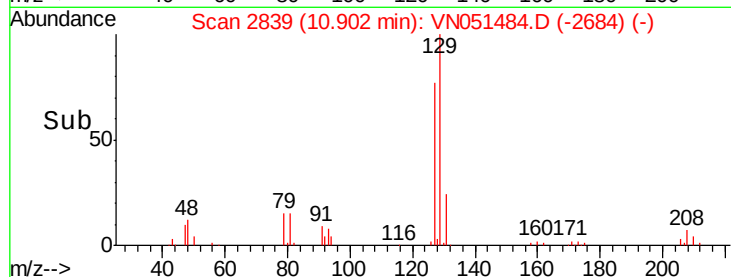
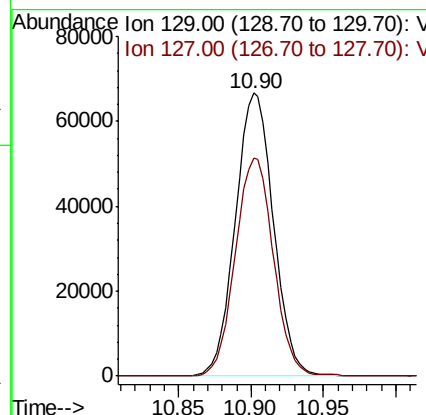
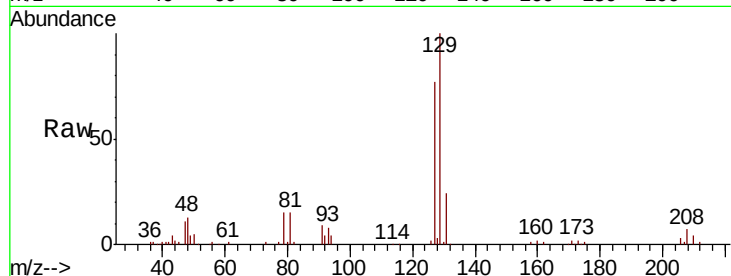




#53
 Dibromochloromethane
 Concen: 21.588 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

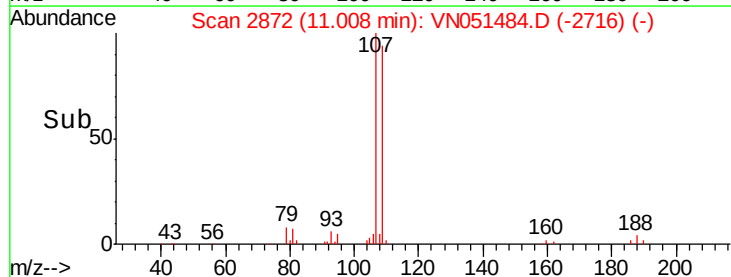
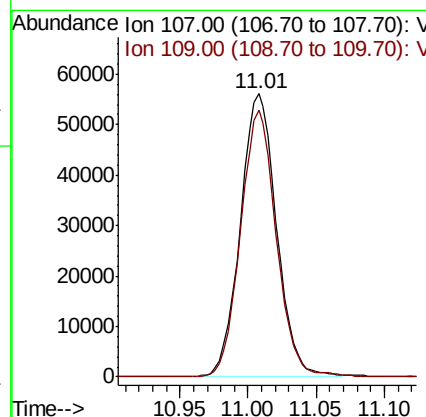
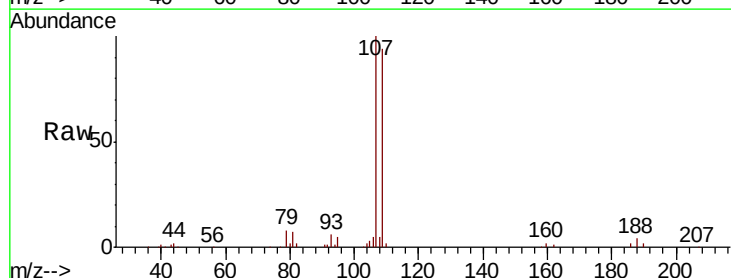
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

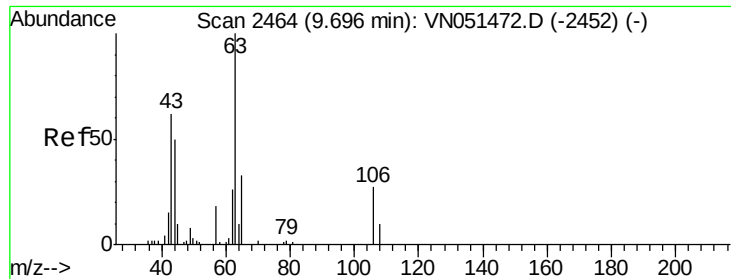
Tot Ion:129 Resp: 121905
 Ion Ratio Lower Upper
 129 100
 127 76.9 40.2 120.5



#54
 1,2-Dibromoethane
 Concen: 21.865 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion:107 Resp: 103568
 Ion Ratio Lower Upper
 107 100
 109 92.0 77.4 116.0

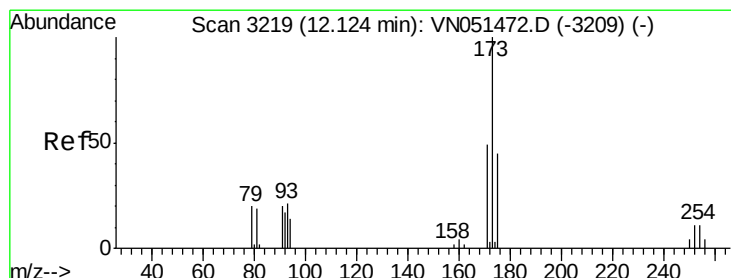
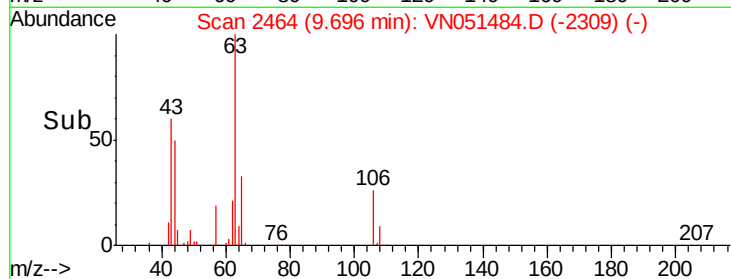
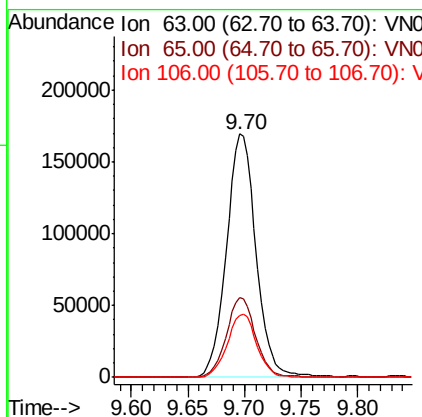
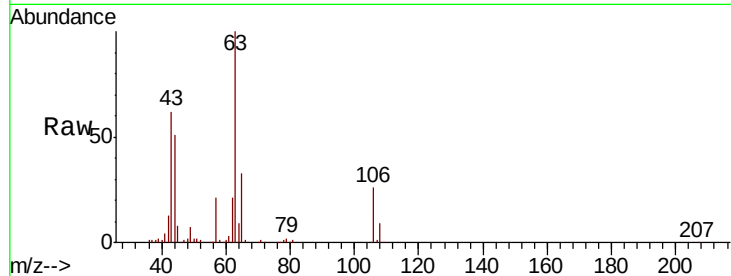




#55
2-Chloroethyl vinyl ether
Concen: 107.597 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

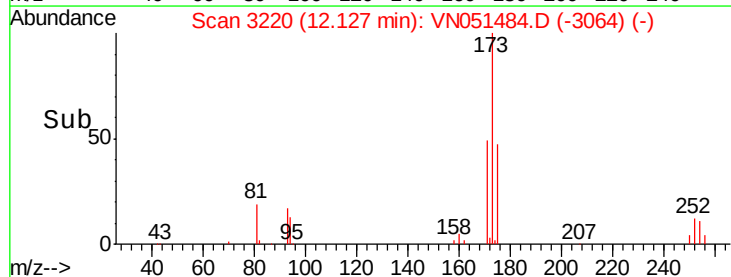
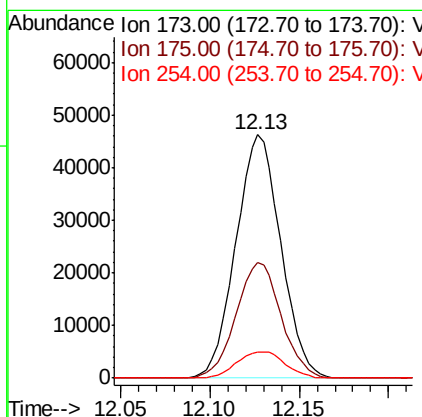
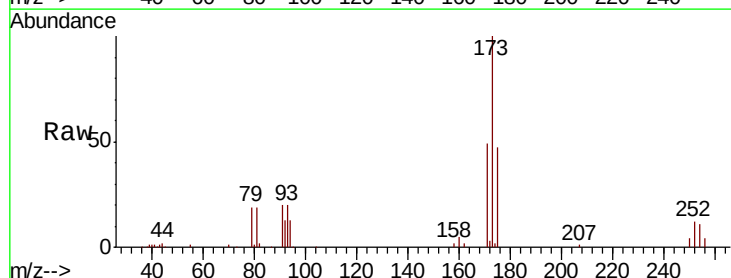
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

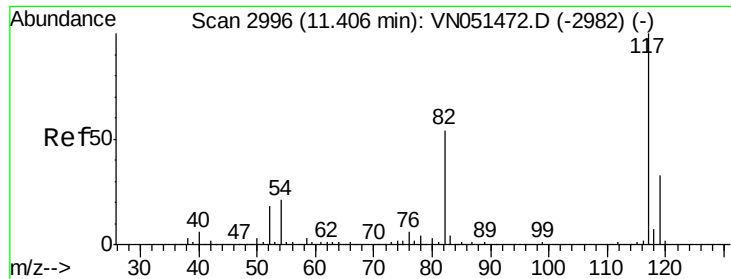
Tot Ion: 63 Resp: 308686
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.0
106 26.0 21.2 31.8



#56
Bromoform
Concen: 21.337 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion: 173 Resp: 81229
Ion Ratio Lower Upper
173 100
175 47.6 35.8 53.8
254 11.6 8.6 13.0

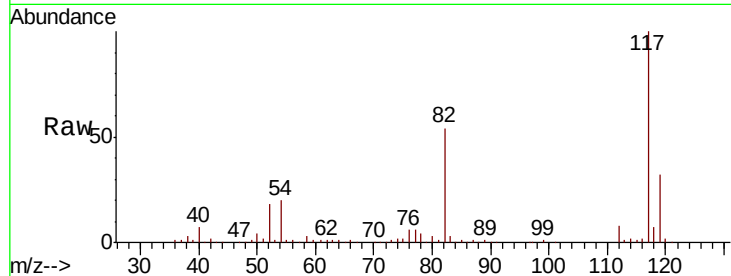




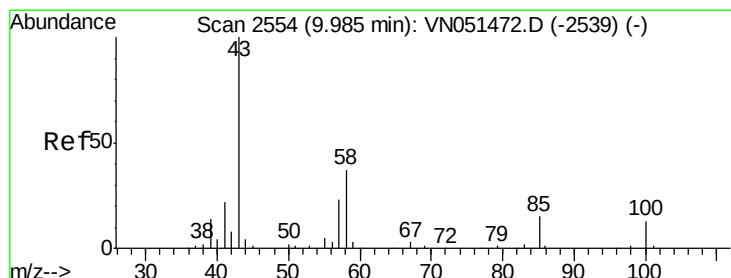
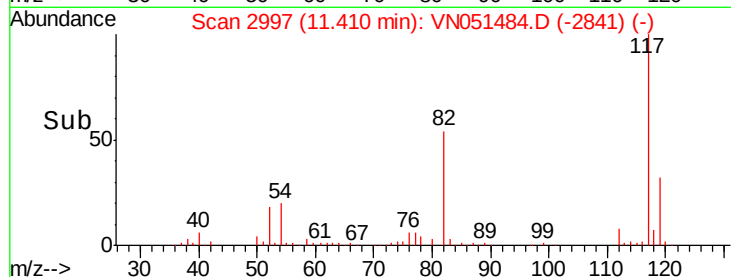
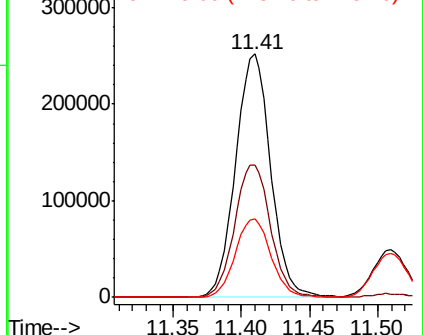
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion:117 Resp: 451314
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.8 25.8 38.8

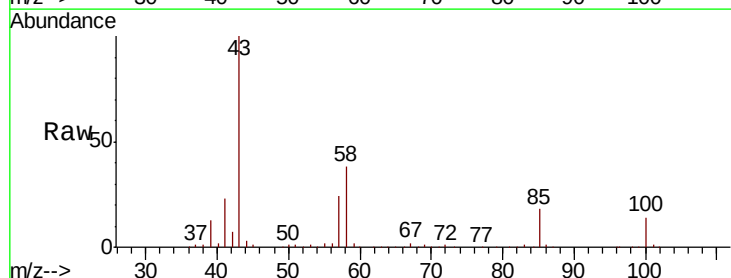


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

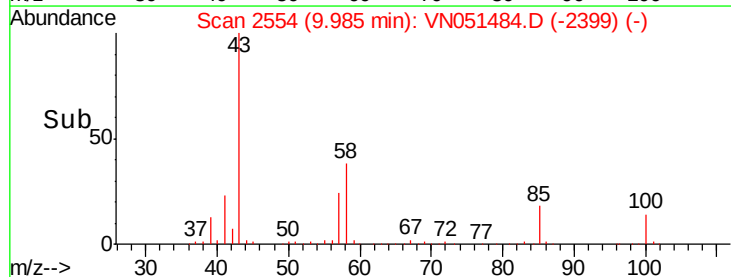
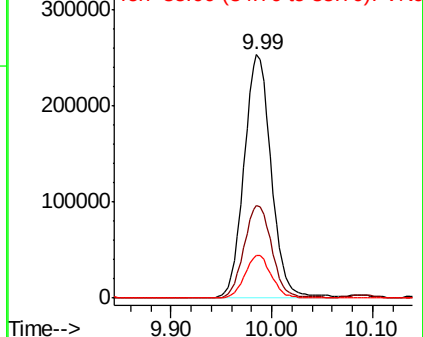


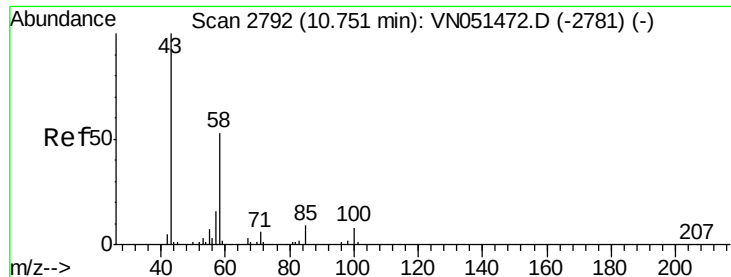
#58
4-Methyl-2-Pentanone
Concen: 118.252 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion: 43 Resp: 469019
Ion Ratio Lower Upper
43 100
58 39.1 29.3 43.9
85 17.3 12.6 18.8



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

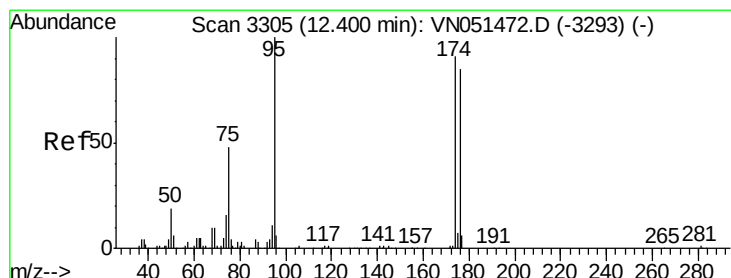
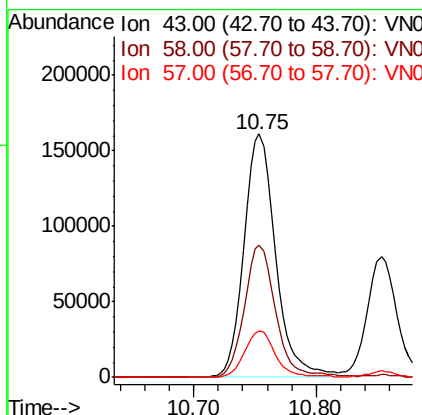
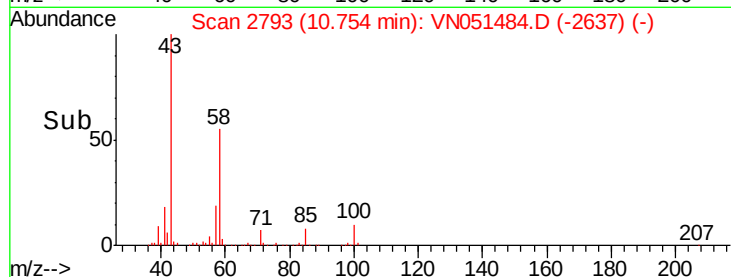
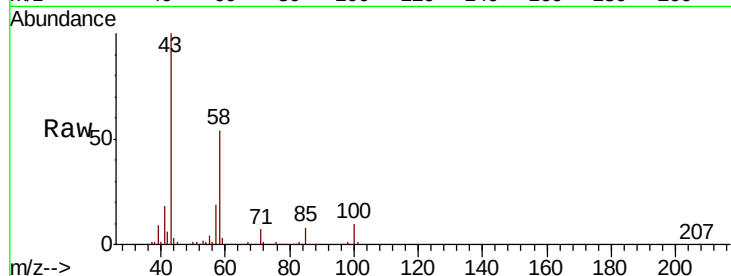




#59
2-Hexanone
Concen: 109.949 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

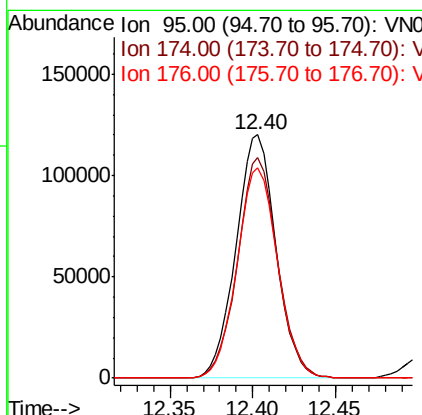
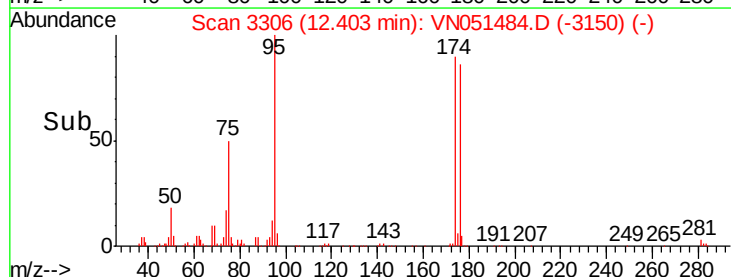
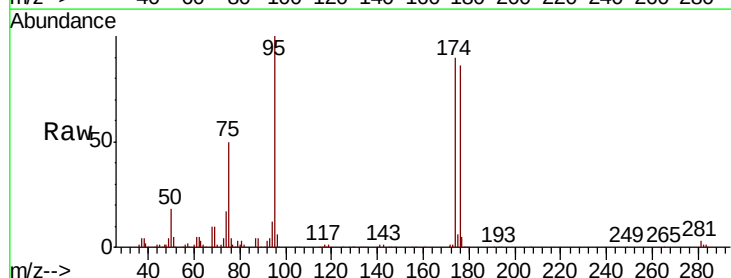
Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

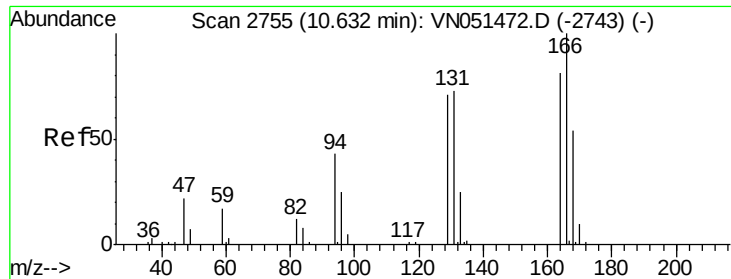
Tot Ion: 43 Resp: 287015
Ion Ratio Lower Upper
43 100
58 53.6 41.3 61.9
57 18.8 13.4 20.0



#60
4-Bromofluorobenzene
Concen: 30.374 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion: 95 Resp: 201257
Ion Ratio Lower Upper
95 100
174 90.3 73.5 110.3
176 87.9 70.2 105.2





#61

Tetrachloroethene

Concen: 22.644 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tot Ion:164 Resp: 118896

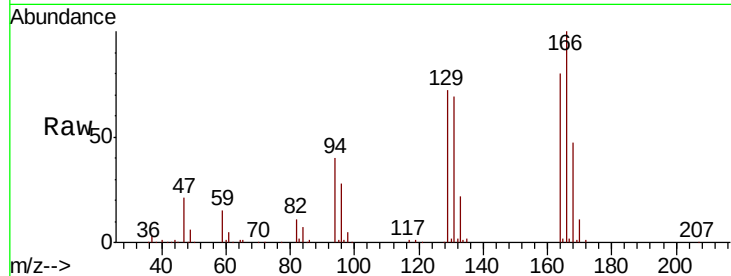
Ion Ratio Lower Upper

164 100

166 124.6 98.7 148.1

129 89.8 69.6 104.4

131 85.5 72.4 108.6

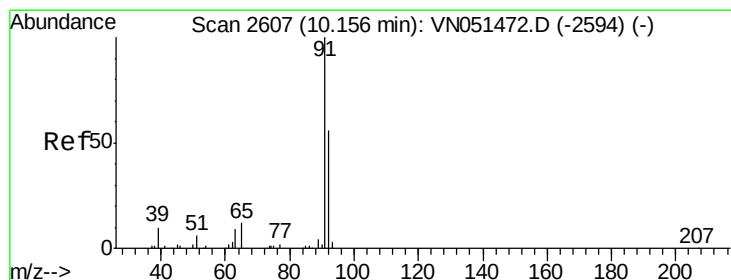
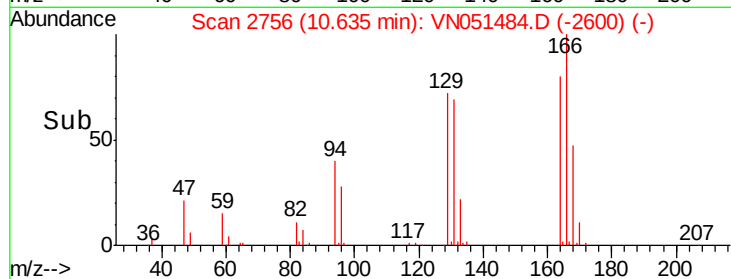
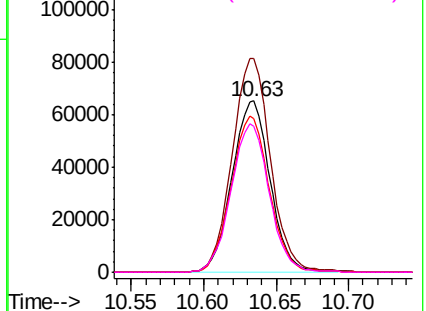


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 22.466 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051484.D

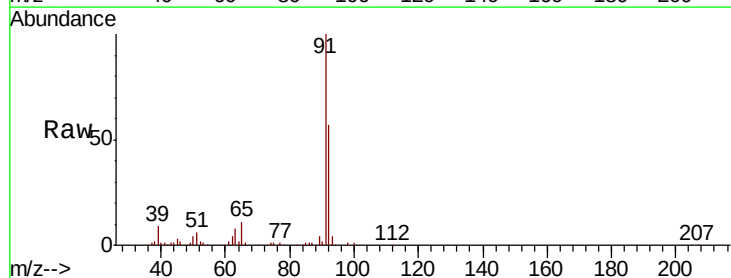
Acq: 25 Sep 2018 14:51

Tgt Ion: 91 Resp: 519062

Ion Ratio Lower Upper

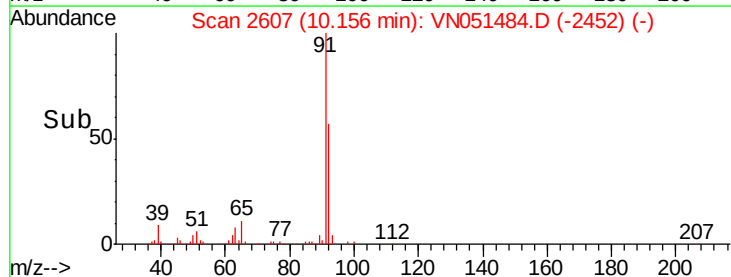
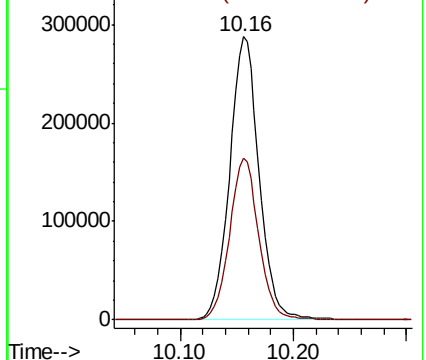
91 100

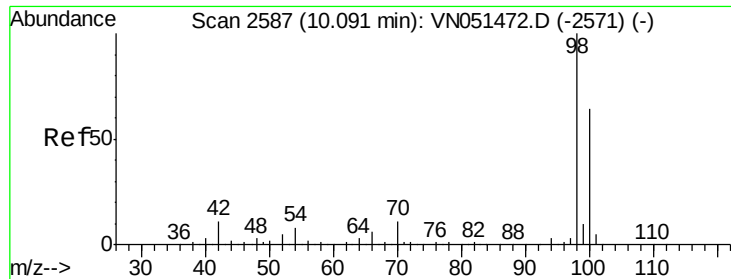
92 56.8 44.6 66.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.904 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

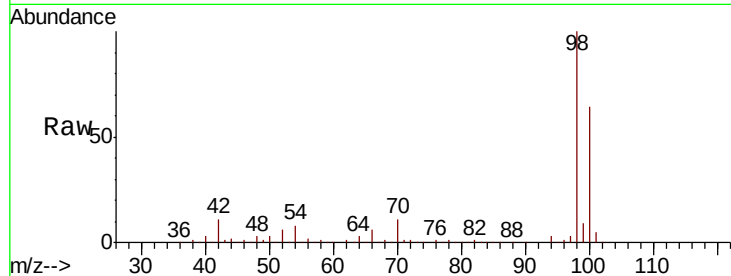
VN0925WBS01

Tot Ion: 98 Resp: 668732

Ion Ratio Lower Upper

98 100

100 62.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

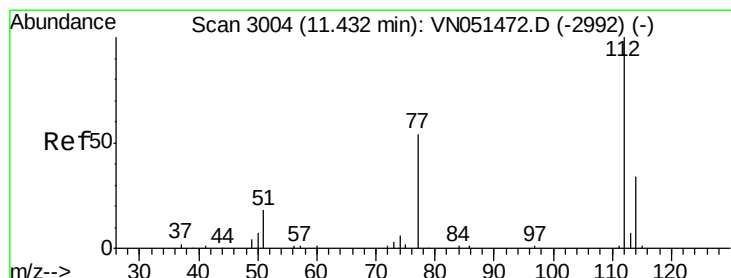
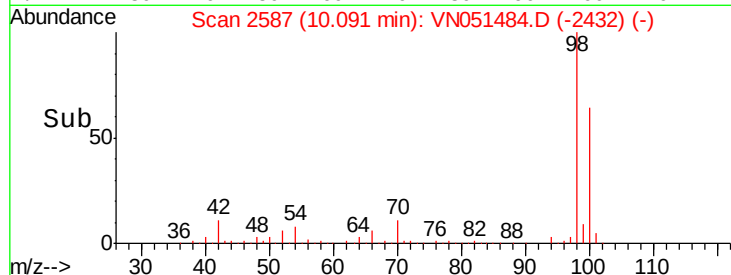
300000

200000

100000

0

Time-->



#64

Chlorobenzene

Concen: 22.047 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051484.D

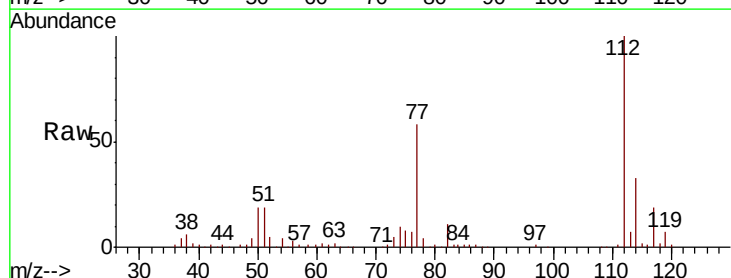
Acq: 25 Sep 2018 14:51

Tgt Ion: 112 Resp: 312300

Ion Ratio Lower Upper

112 100

114 33.4 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

200000

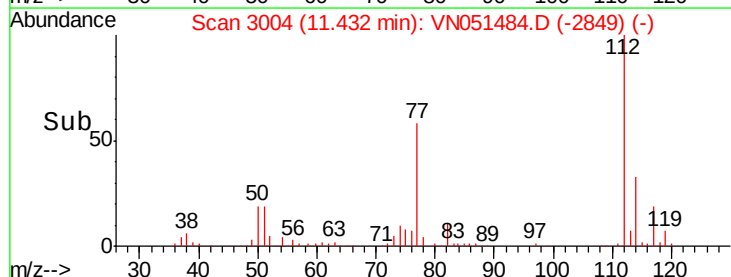
150000

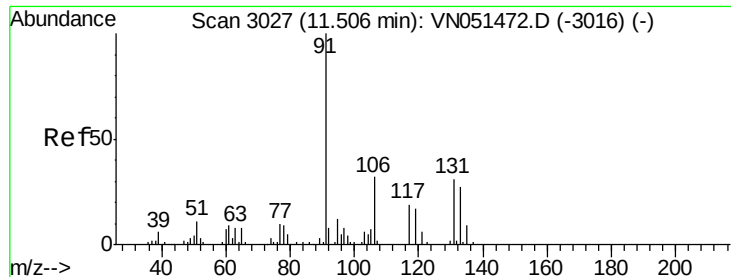
100000

50000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 22.328 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

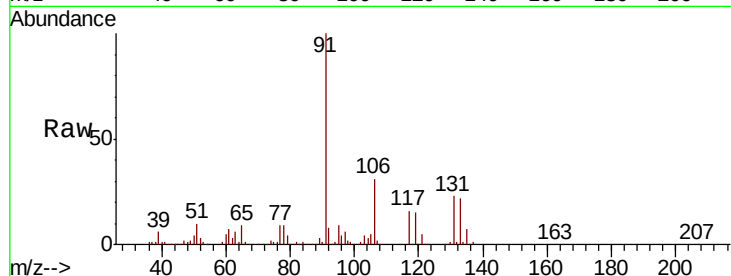
Tot Ion:131 Resp: 122282

Ion Ratio Lower Upper

131 100

133 95.5 0.0 190.4

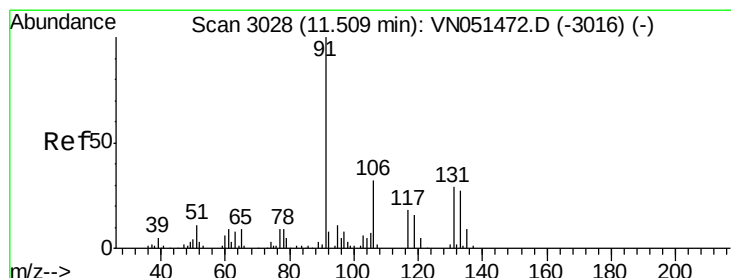
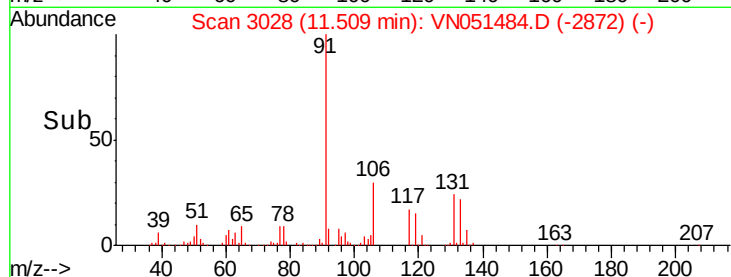
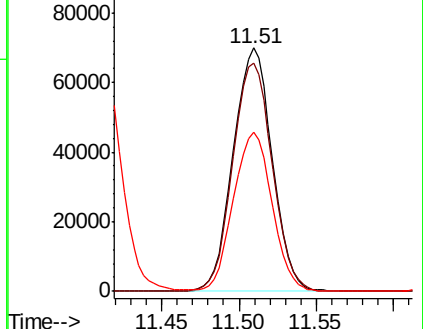
119 65.1 0.0 128.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.632 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051484.D

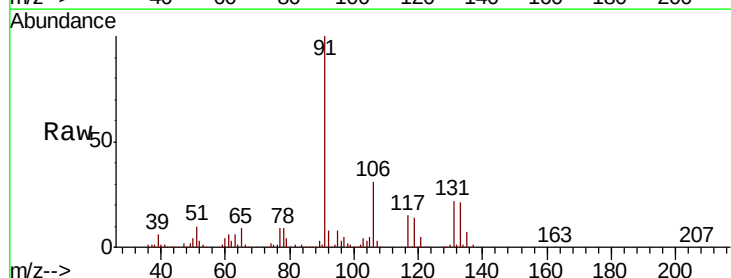
Acq: 25 Sep 2018 14:51

Tgt Ion: 91 Resp: 515598

Ion Ratio Lower Upper

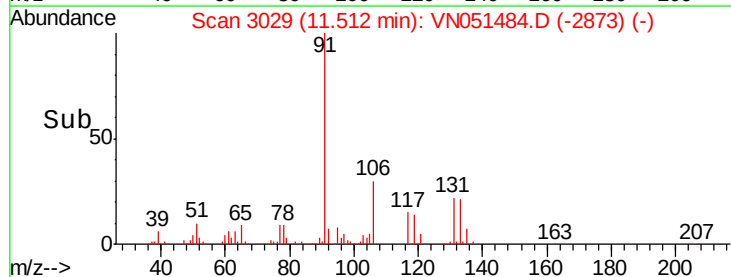
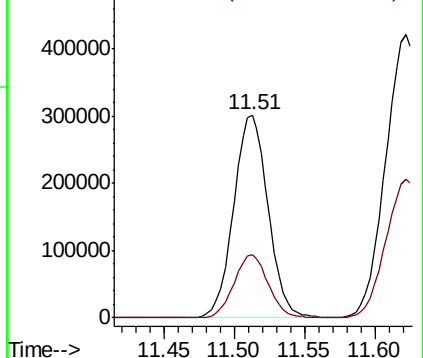
91 100

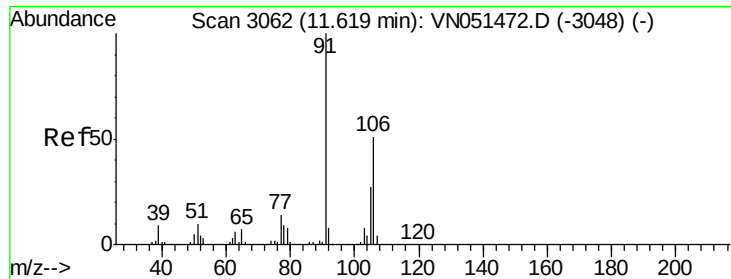
106 30.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

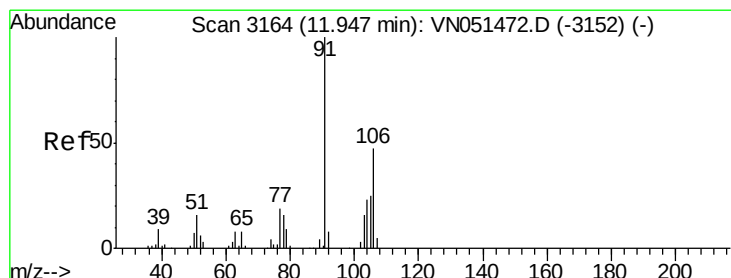
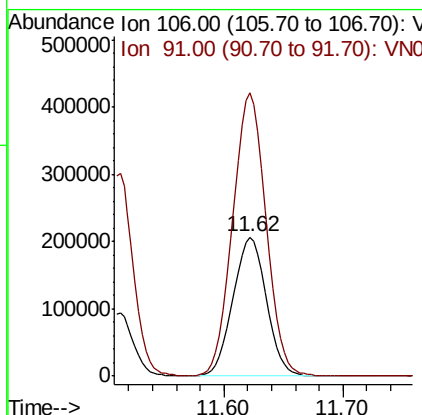
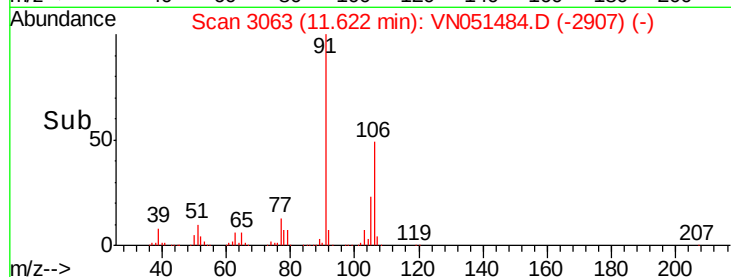
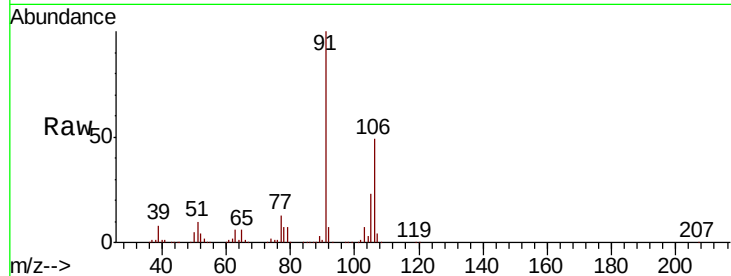




#67
m/p-Xylenes
Concen: 43.847 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

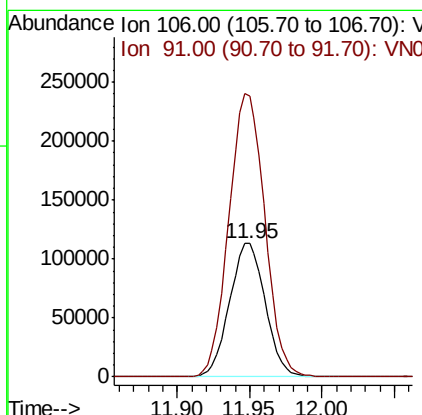
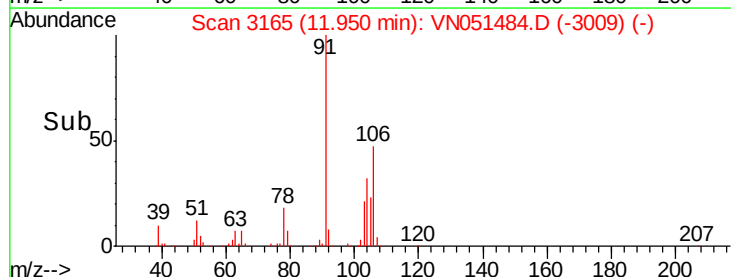
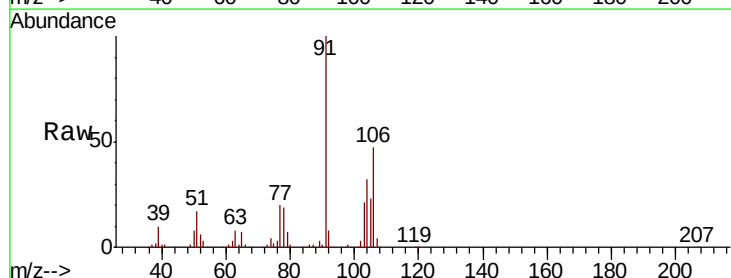
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

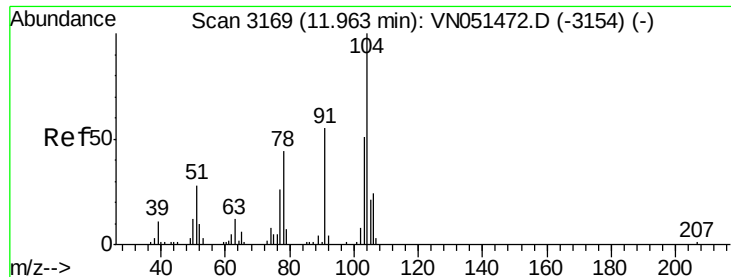
Tot Ion:106 Resp: 402338
Ion Ratio Lower Upper
106 100
91 202.7 158.8 238.2



#68
o-Xylene
Concen: 22.124 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion:106 Resp: 193352
Ion Ratio Lower Upper
106 100
91 213.7 111.1 333.3

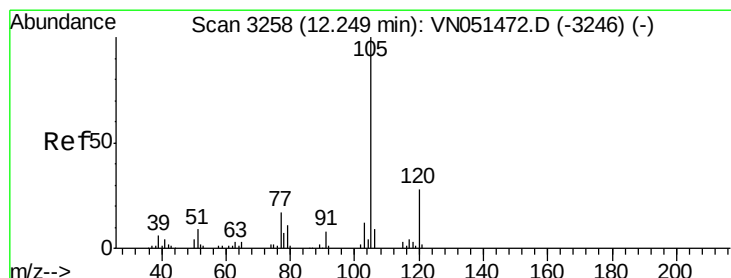
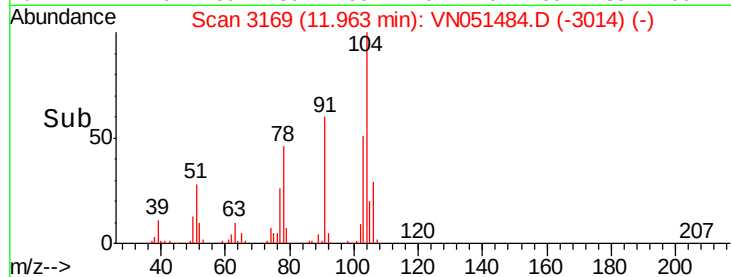
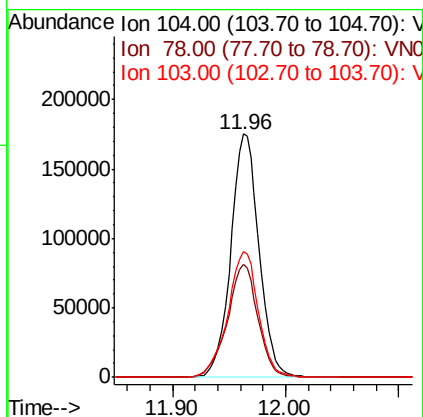
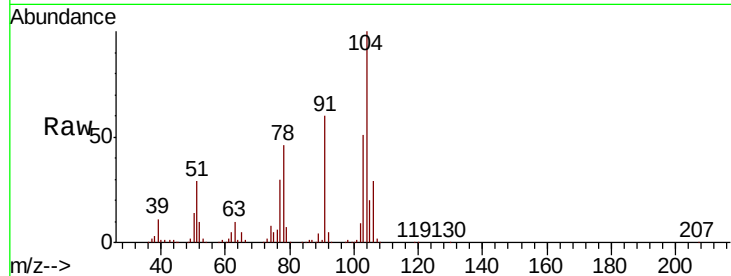




#69
 Stvrene
 Concen: 22.007 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

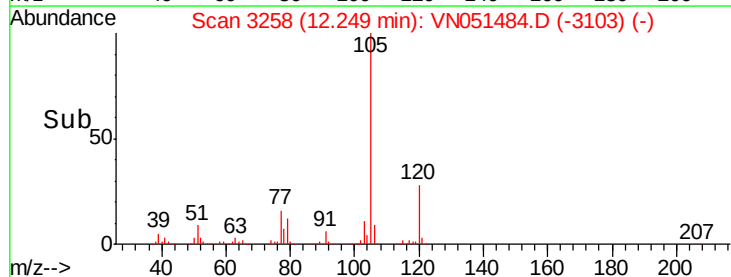
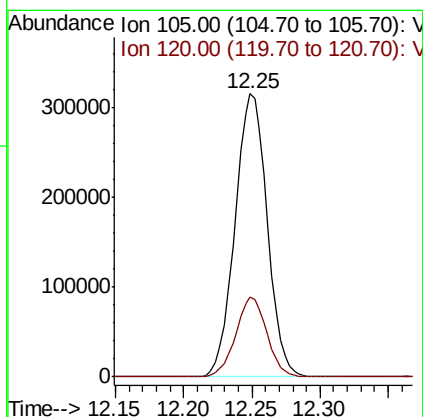
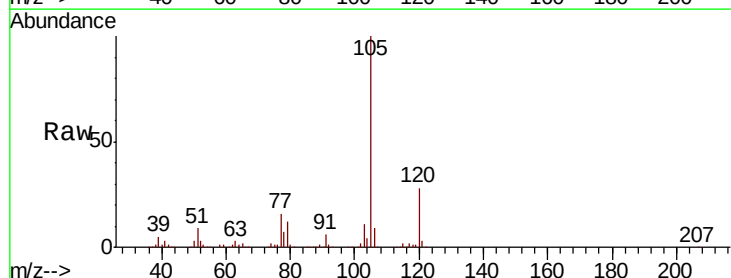
Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

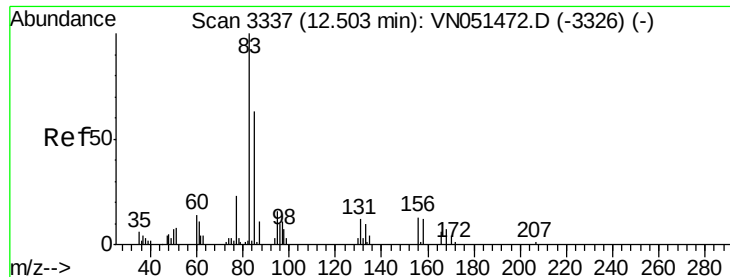
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	40.6	60.8
103	55.9	44.0	66.0



#70
 Isopropylbenzene
 Concen: 22.012 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.0	35.4

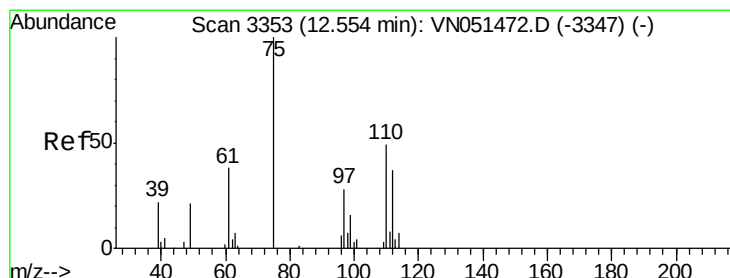
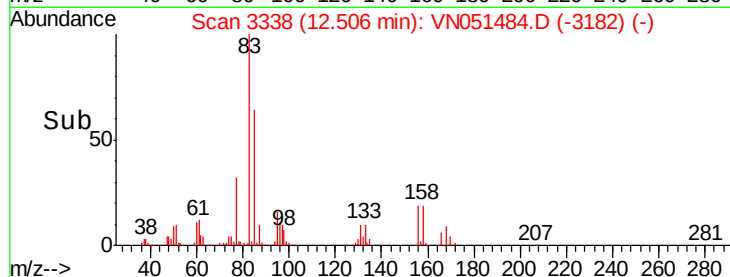
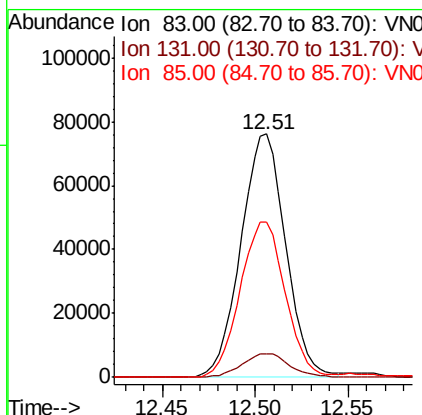
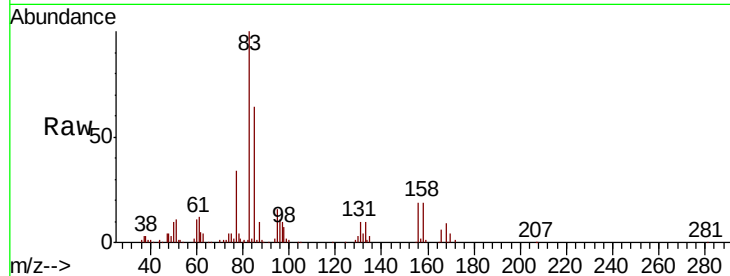




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.159 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

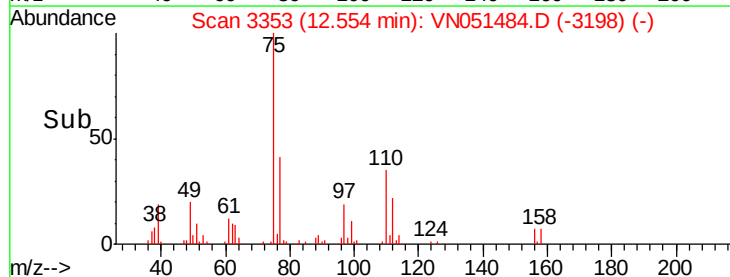
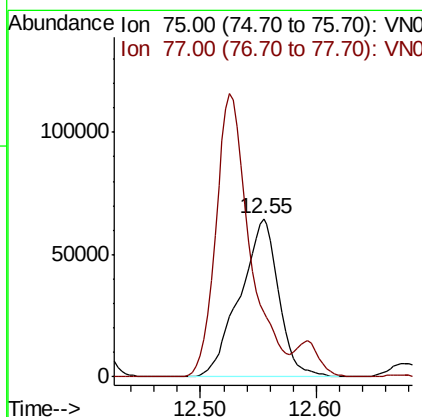
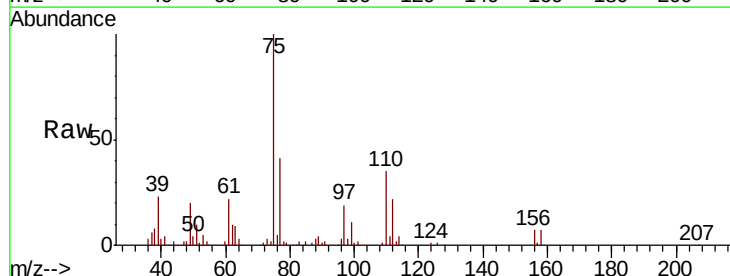
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

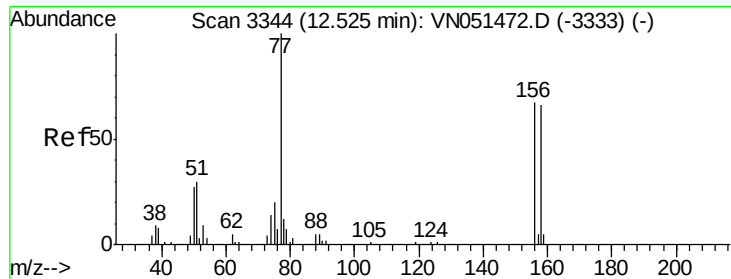
Tot Ion	83	Resp	127509
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.4
85	64.4	30.6	91.8



#72
 1,2,3-Trichloropropane
 Concen: 34.764 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	75	Resp	150937
Ion Ratio	Lower	Upper	
75	100		
77	156.6	0.0	400.0





#73

Bromobenzene

Concen: 21.686 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampled :

VN0925WBS01

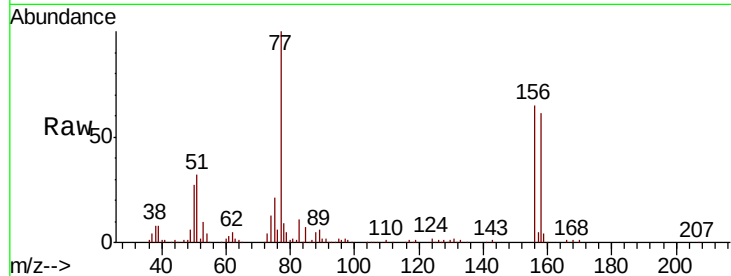
Tot Ion:156 Resp: 127830

Ion Ratio Lower Upper

156 100

77 184.9 0.0 377.4

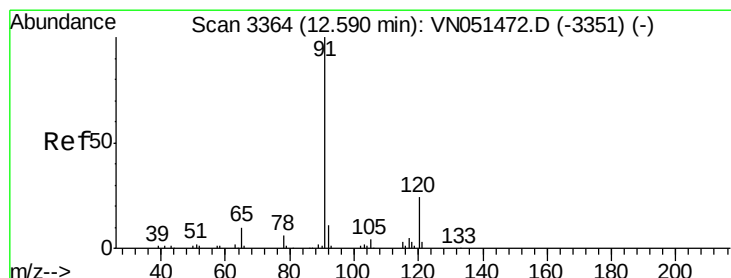
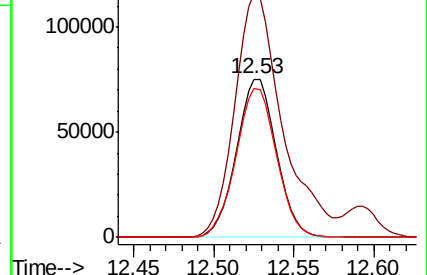
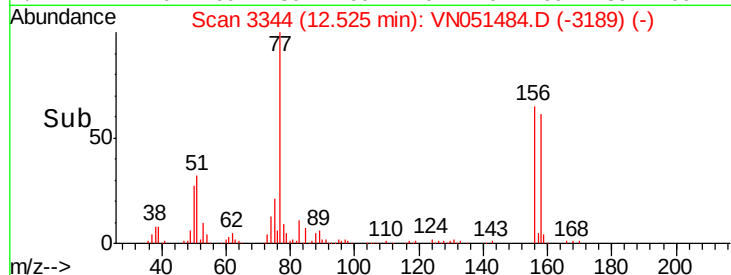
158 95.7 0.0 203.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.087 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051484.D

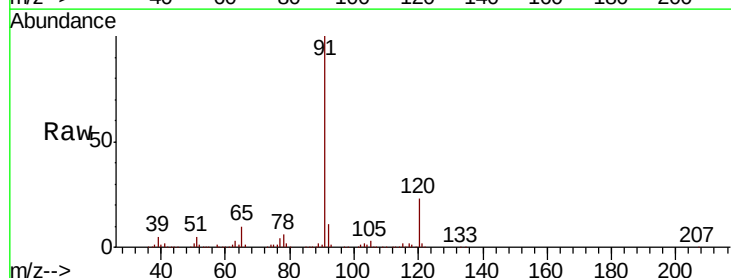
Acq: 25 Sep 2018 14:51

Tgt Ion: 91 Resp: 573388

Ion Ratio Lower Upper

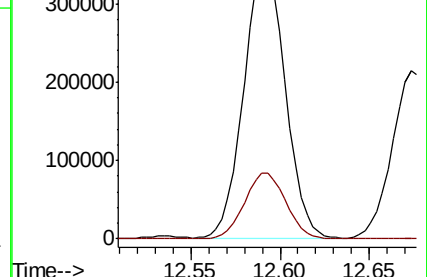
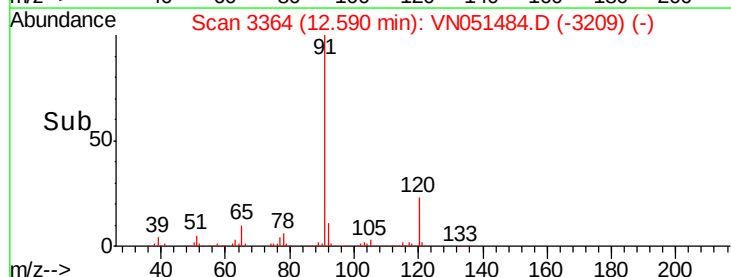
91 100

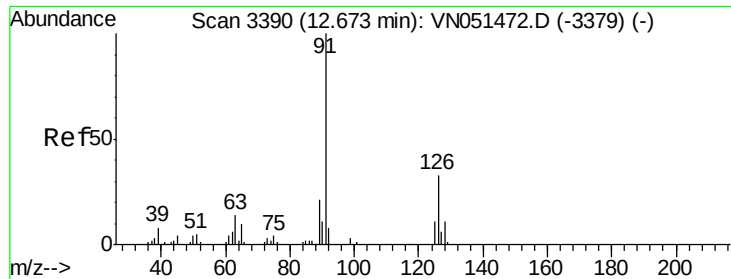
120 23.6 0.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 22.138 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

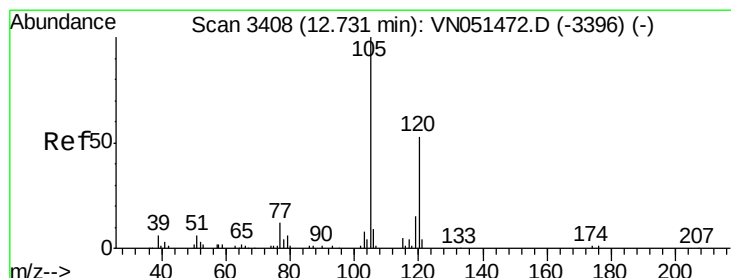
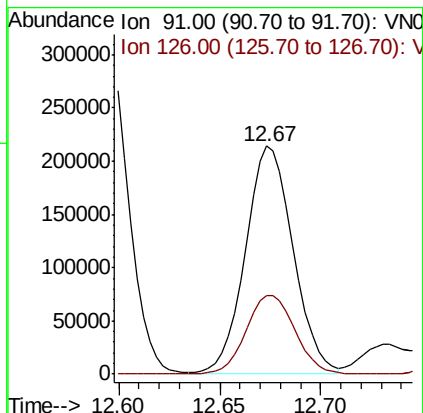
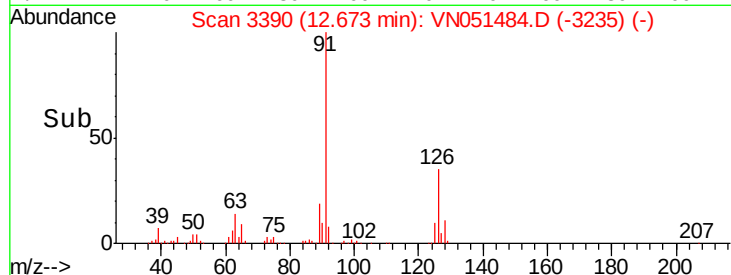
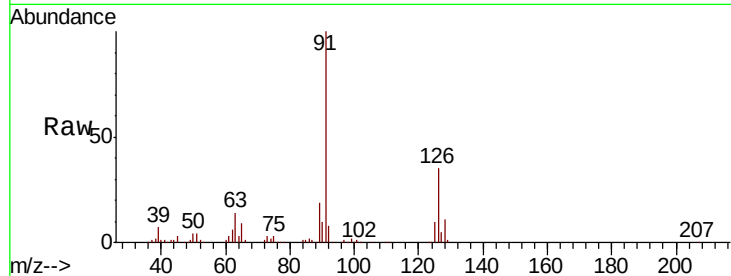
VN0925WBS01

Tot Ion: 91 Resp: 355248

Ion Ratio Lower Upper

91 100

126 35.3 0.0 67.6



#76

1,3,5-Trimethylbenzene

Concen: 22.290 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051484.D

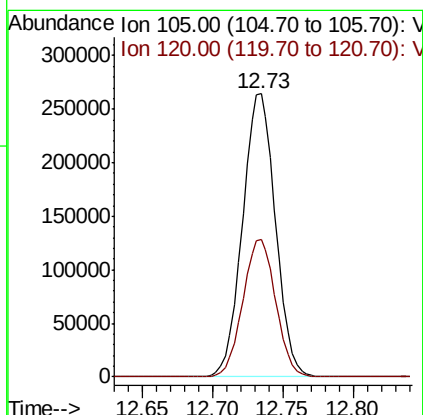
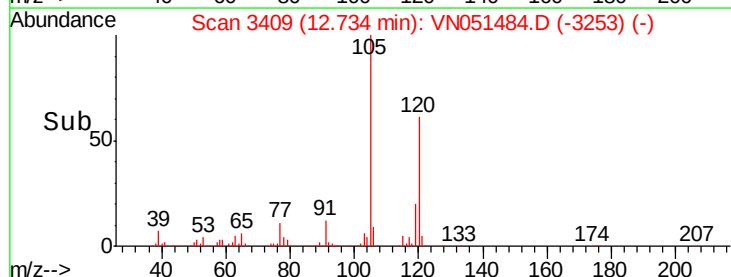
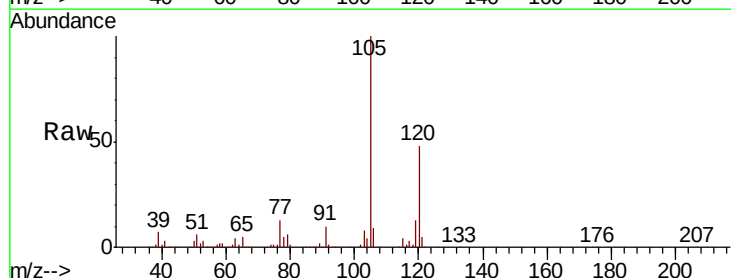
Acq: 25 Sep 2018 14:51

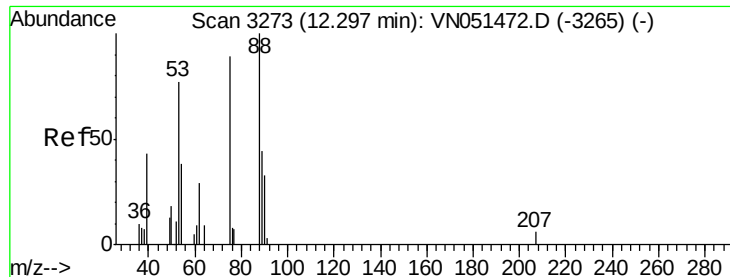
Tgt Ion: 105 Resp: 430174

Ion Ratio Lower Upper

105 100

120 48.8 0.0 98.2





#77

t-1,4-Dichloro-2-butene

Concen: 20.167 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.01 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

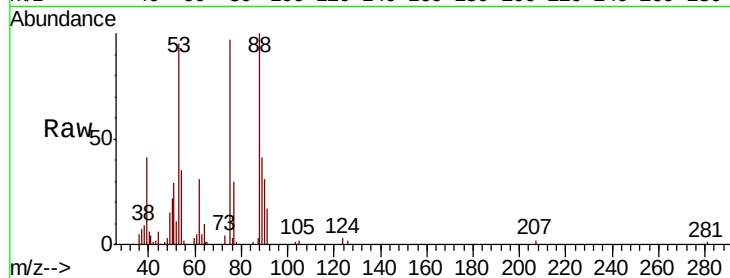
Tot Ion: 75 Resp: 30197

Ion Ratio Lower Upper

75 100

53 97.1 46.3 138.9

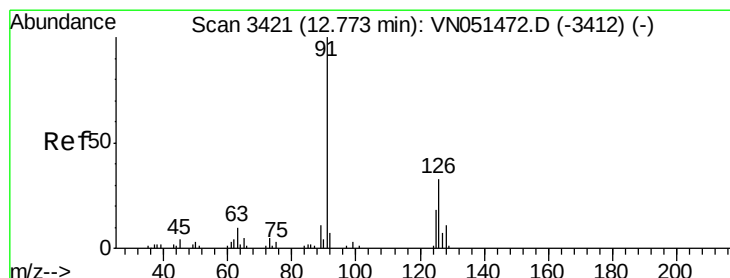
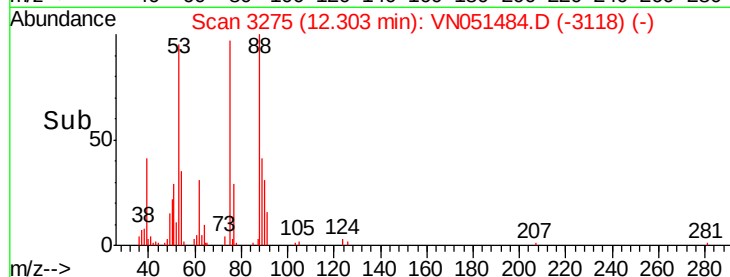
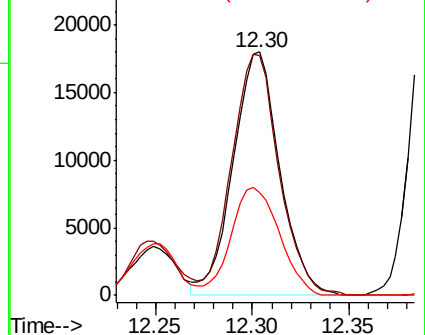
89 42.3 24.6 73.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 21.470 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051484.D

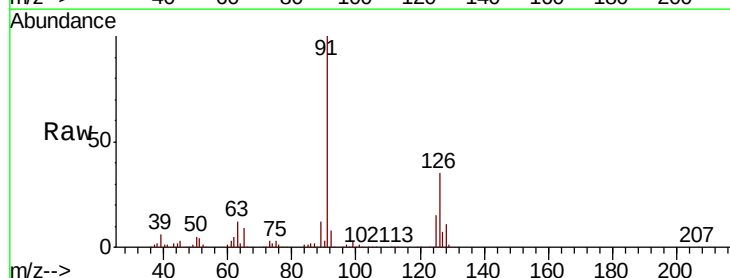
Acq: 25 Sep 2018 14:51

Tgt Ion: 91 Resp: 341707

Ion Ratio Lower Upper

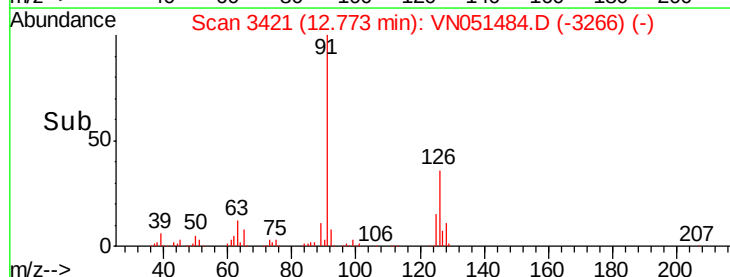
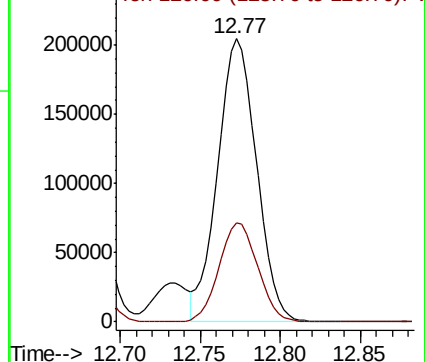
91 100

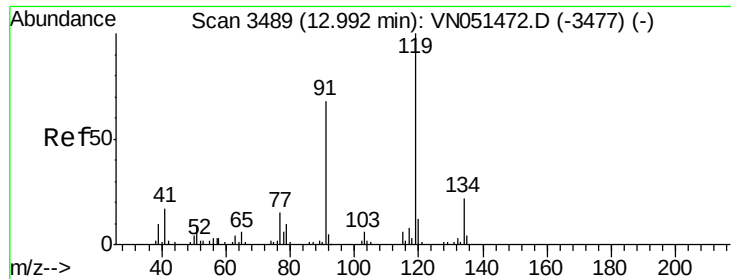
126 34.6 0.0 65.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

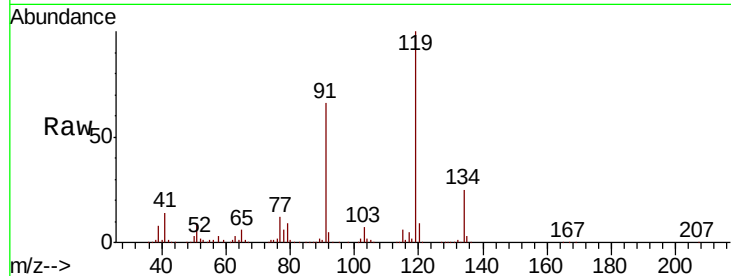




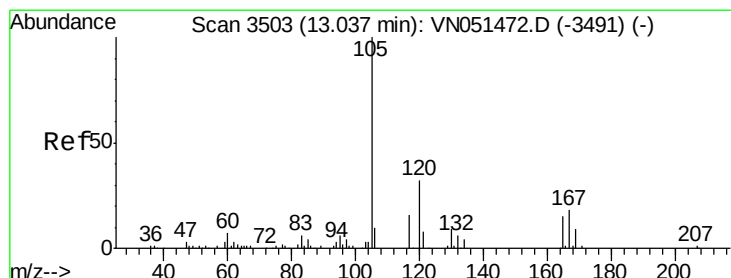
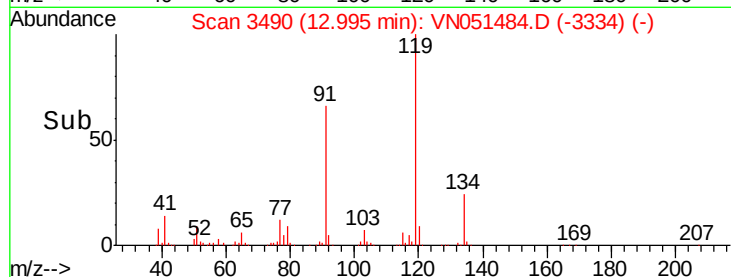
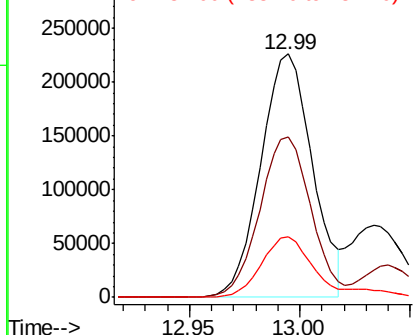
#79
tert-butylbenzene
Concen: 21.852 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

Tot Ion:119 Resp: 367183
Ion Ratio Lower Upper
119 100
91 65.4 0.0 131.6
134 24.3 0.0 46.2

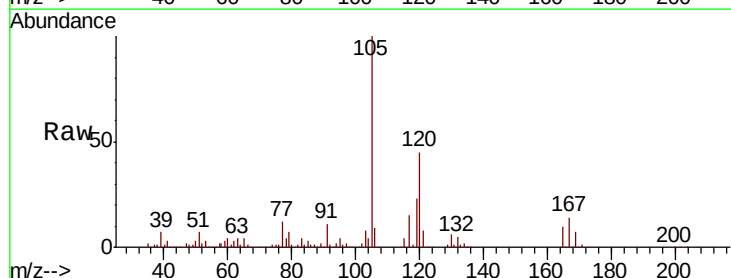


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

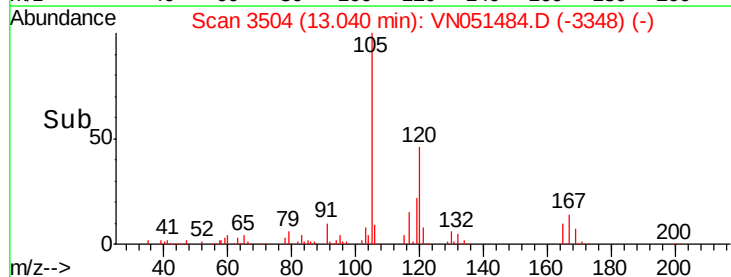
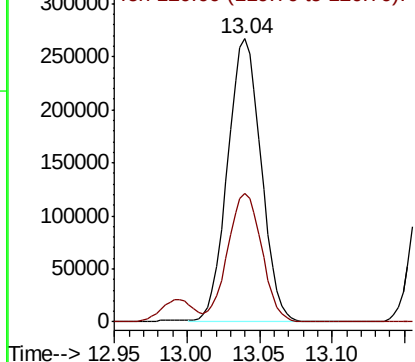


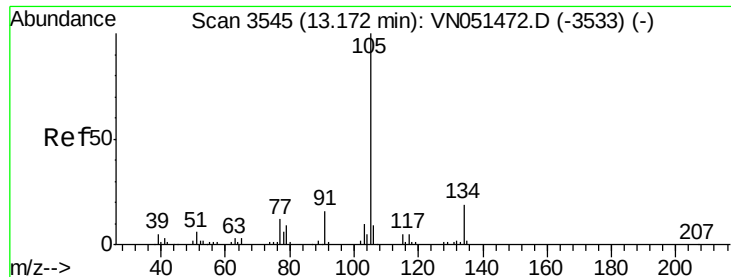
#80
1,2,4-Trimethylbenzene
Concen: 22.073 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion:105 Resp: 428246
Ion Ratio Lower Upper
105 100
120 46.2 0.0 89.6



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





#81

sec-Butylbenzene

Concen: 21.709 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

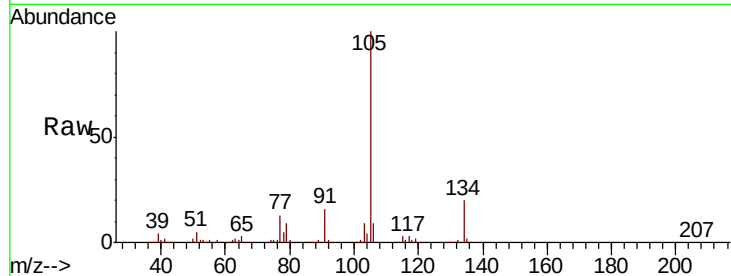
VN0925WBS01

Tot Ion:105 Resp: 501797

Ion Ratio Lower Upper

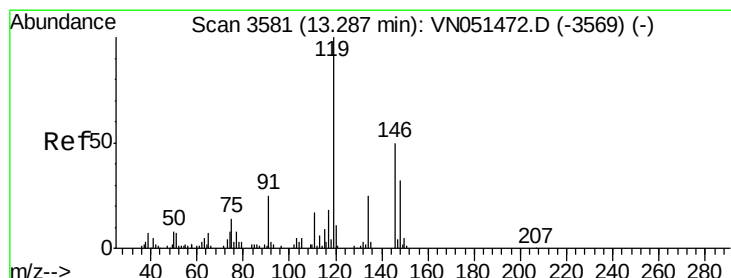
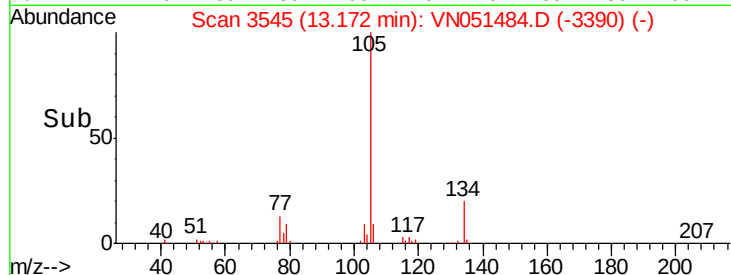
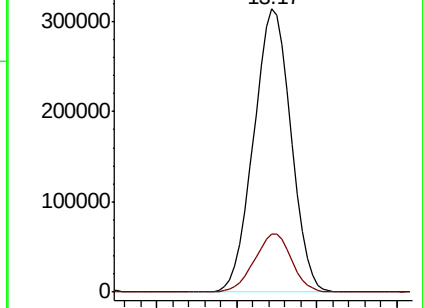
105 100

134 20.6 0.0 39.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 21.351 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

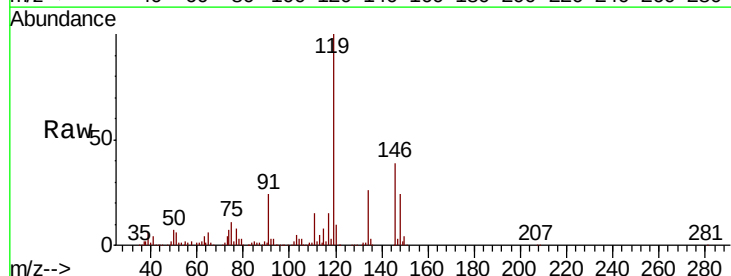
Tgt Ion:119 Resp: 426026

Ion Ratio Lower Upper

119 100

134 26.5 0.0 53.6

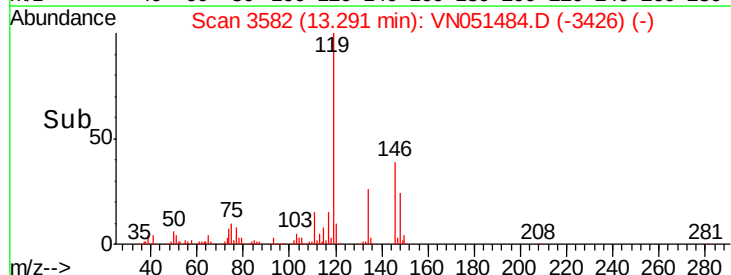
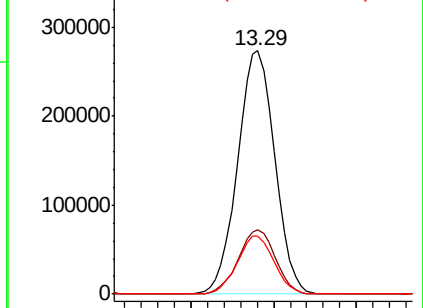
91 23.8 0.0 52.0

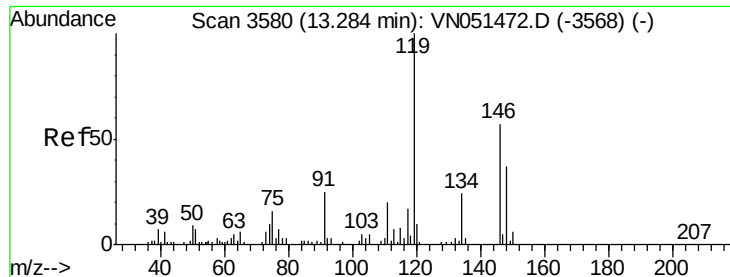


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

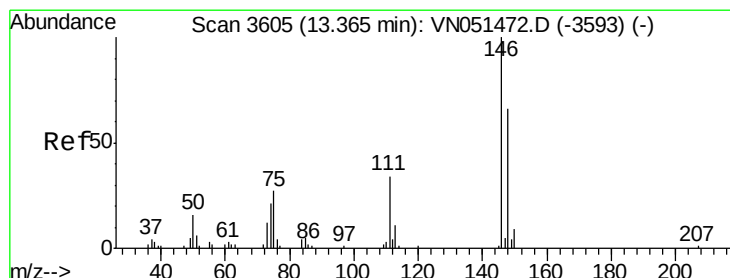
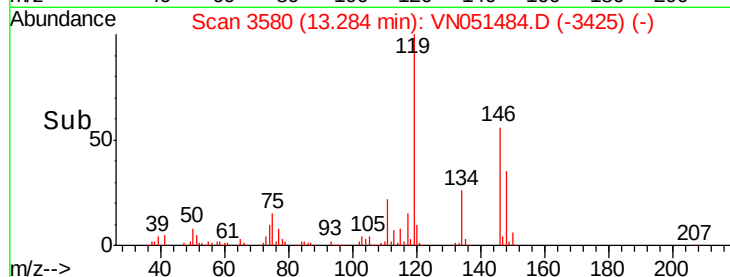
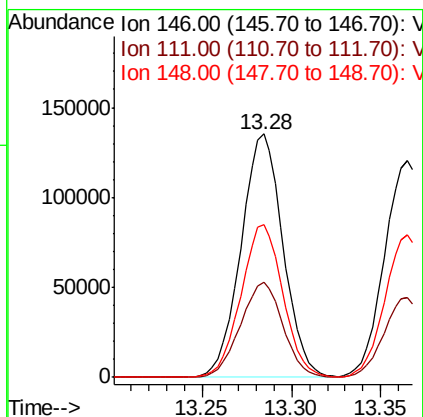
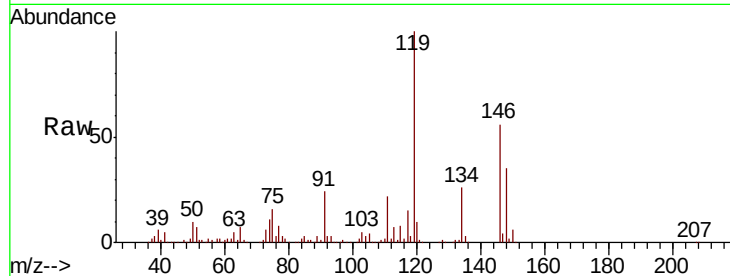




#83
 1,3-Dichlorobenzene
 Concen: 21.457 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

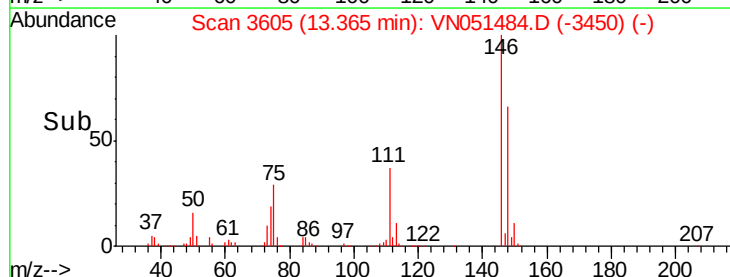
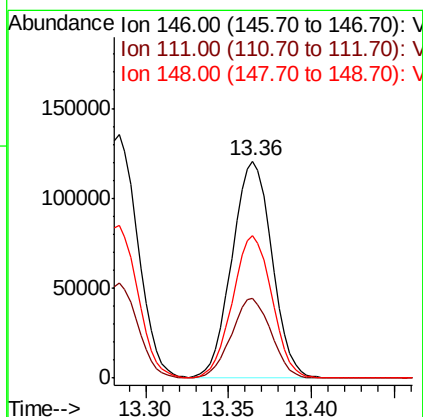
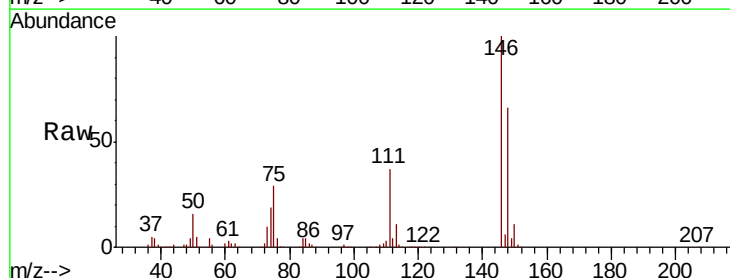
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

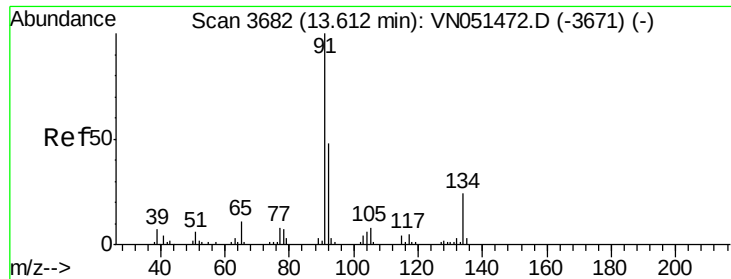
Tot Ion:146 Resp: 221842
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.1 54.3
 148 62.6 31.3 93.8



#84
 1,4-Dichlorobenzene
 Concen: 20.845 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion:146 Resp: 202411
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.4 52.2
 148 64.5 32.8 98.3





#85

n-Butylbenzene

Concen: 19.353 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampled :

VN0925WBS01

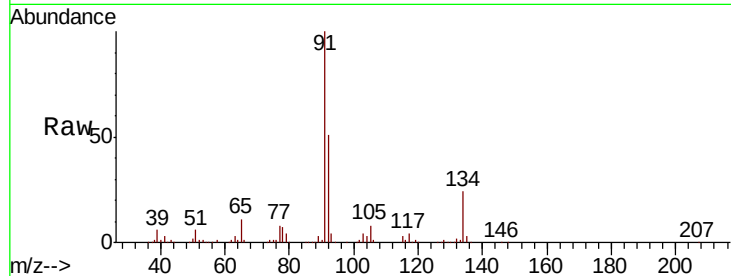
Tot Ion: 91 Resp: 317066

Ion Ratio Lower Upper

91 100

92 51.0 0.0 97.4

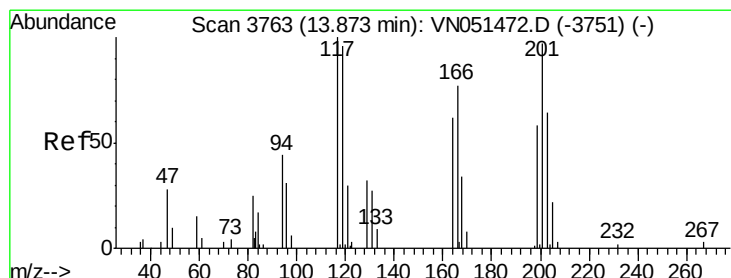
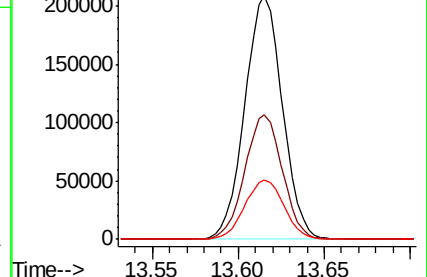
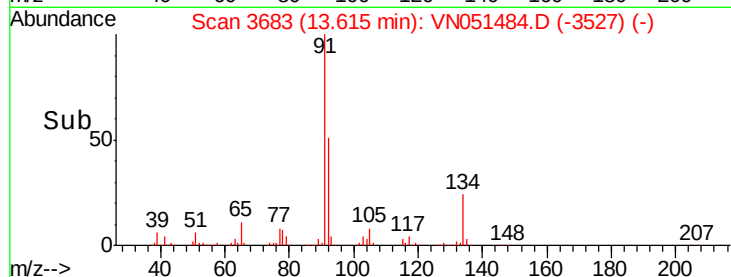
134 25.4 0.0 49.6



Abundance Ion 91.00 (90.70 to 91.70): VN051472.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN051472.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN051472.D (-3671) (-)



#86

Hexachloroethane

Concen: 21.482 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051484.D

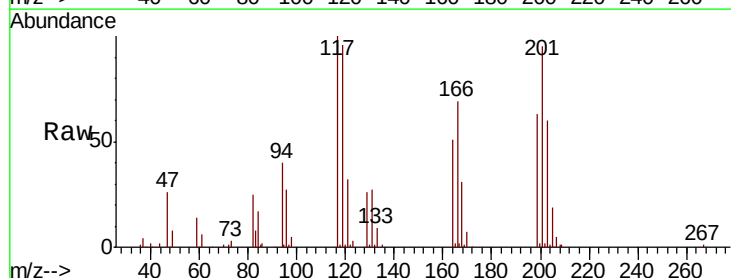
Acq: 25 Sep 2018 14:51

Tgt Ion: 117 Resp: 85894

Ion Ratio Lower Upper

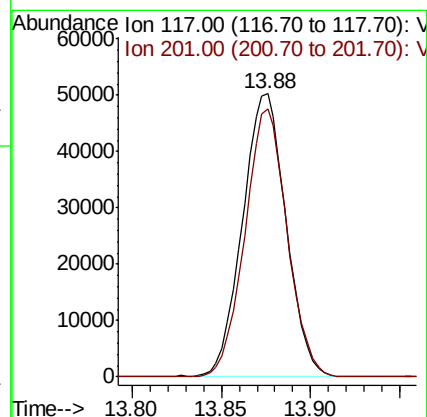
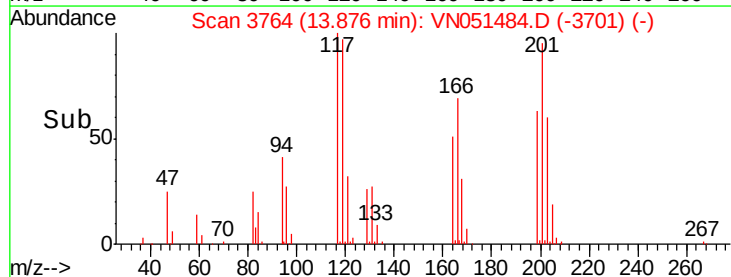
117 100

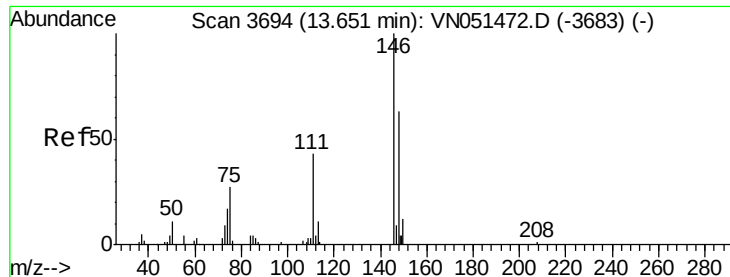
201 91.5 47.8 143.3



Abundance Ion 117.00 (116.70 to 117.70): VN051472.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN051472.D (-3751) (-)

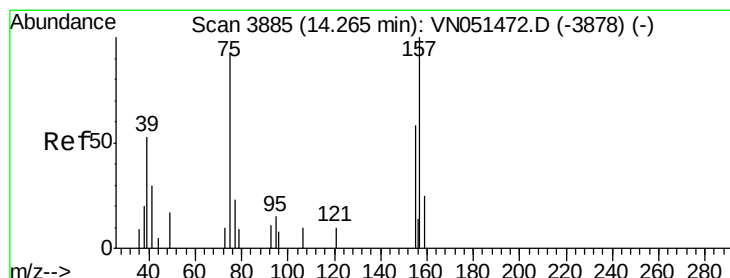
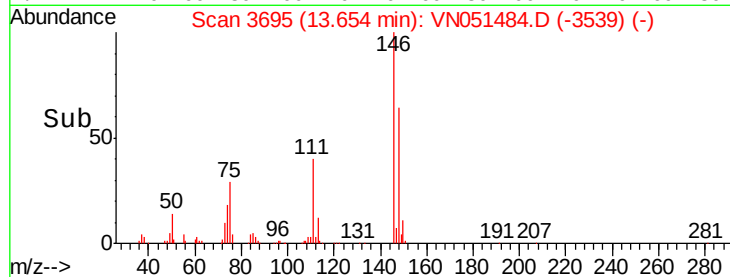
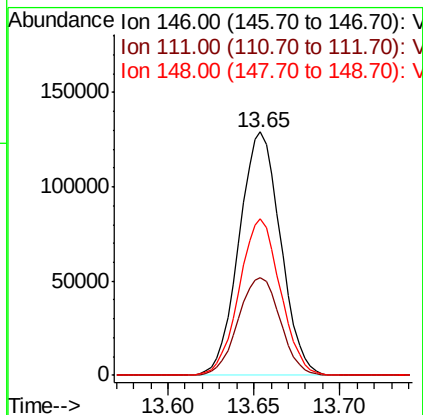
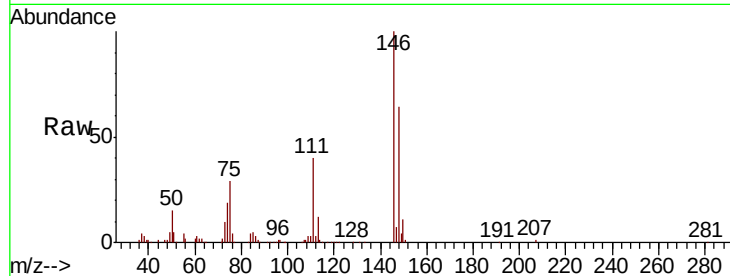




#87
 1,2-Dichlorobenzene
 Concen: 22.114 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

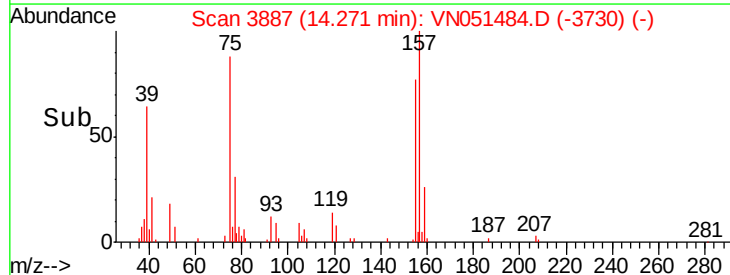
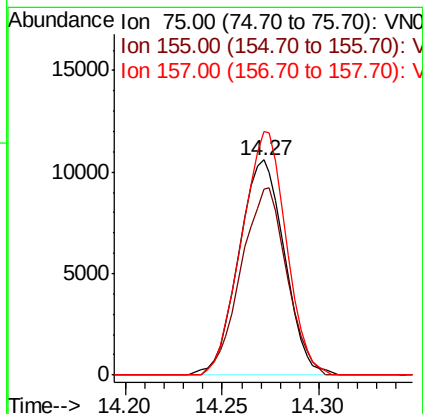
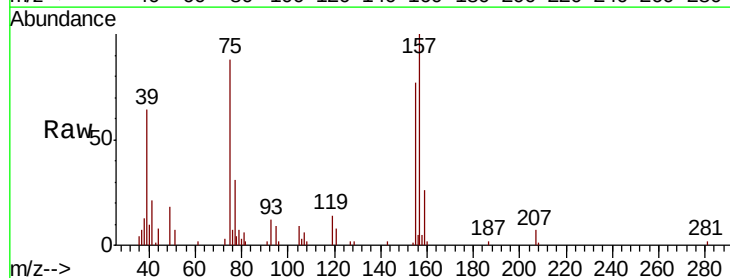
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

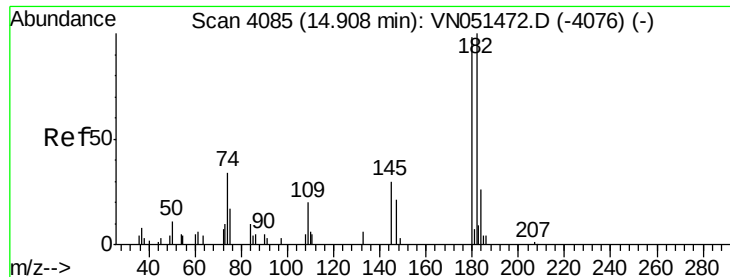
Tot Ion:146 Resp: 216746
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.2
 148 63.6 33.2 99.6



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.504 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.01 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 75 Resp: 17474
 Ion Ratio Lower Upper
 75 100
 155 86.5 57.0 85.6#
 157 110.6 87.4 131.0

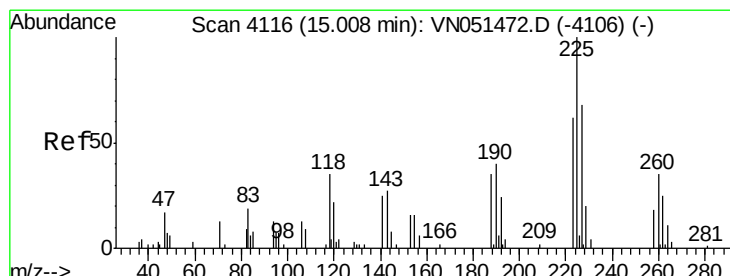
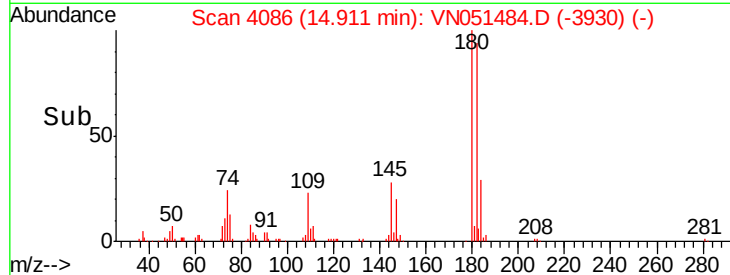
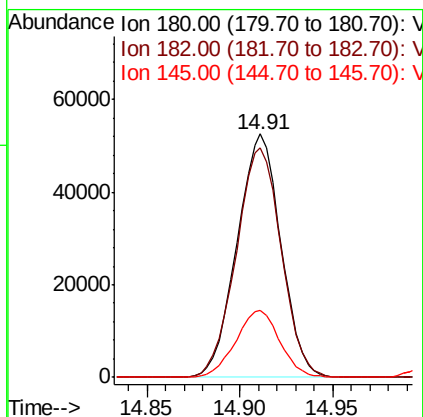
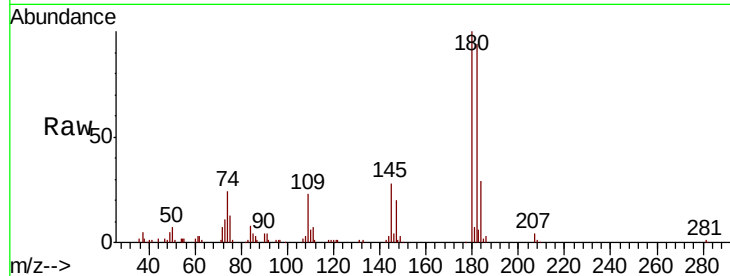




#89
 1,2,4-Trichlorobenzene
 Concen: 17.652 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

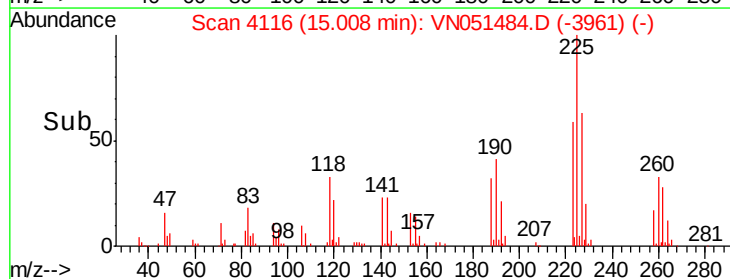
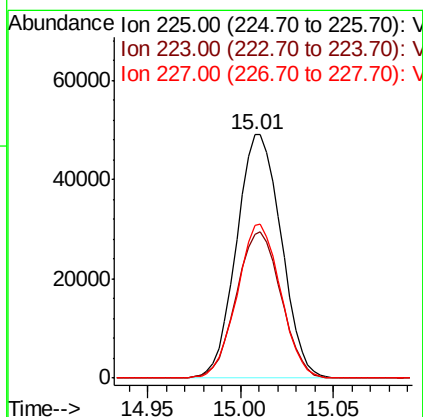
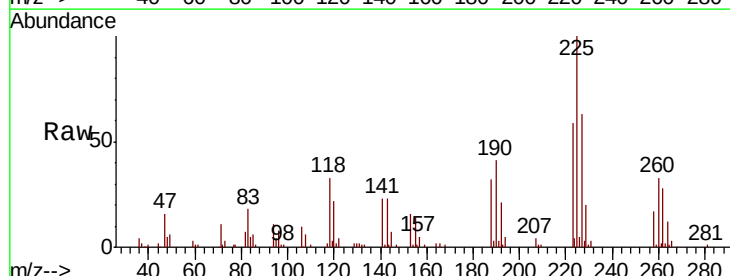
Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

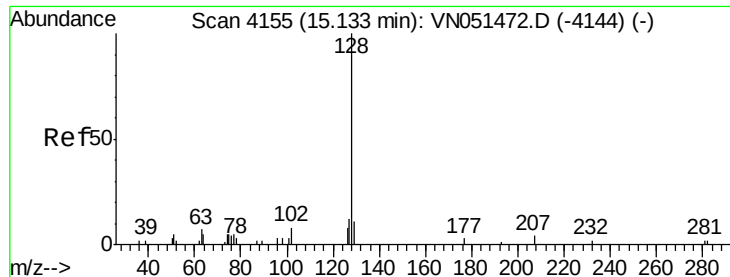
Tot Ion:180 Resp: 86178
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.7 116.5
 145 27.8 23.4 35.2



#90
 Hexachlorobutadiene
 Concen: 21.810 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion:225 Resp: 82521
 Ion Ratio Lower Upper
 225 100
 223 60.2 0.0 117.0
 227 61.4 0.0 127.0





#91

Naphthalene

Concen: 15.860 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampled :

VN0925WBS01

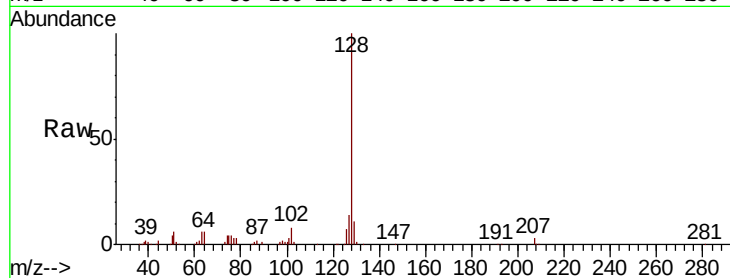
Tot Ion:128 Resp: 146101

Ion Ratio Lower Upper

128 100

127 13.8 10.1 15.1

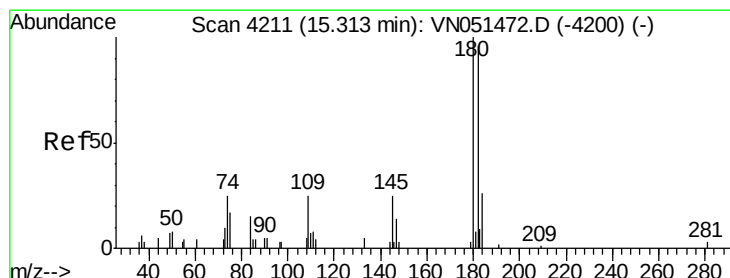
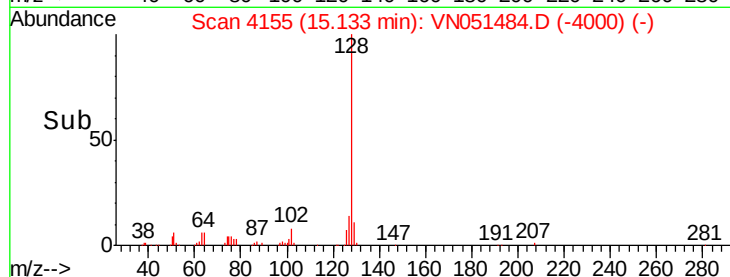
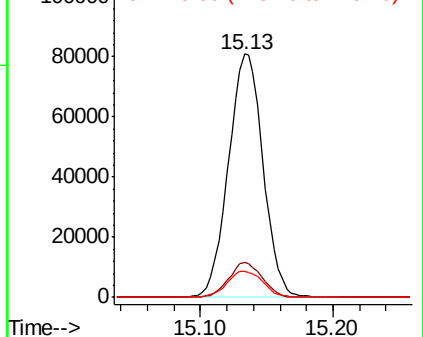
129 11.0 8.4 12.6



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: 18.029 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

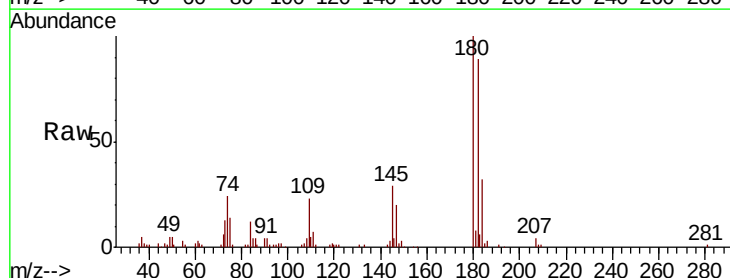
Tgt Ion:180 Resp: 88854

Ion Ratio Lower Upper

180 100

182 93.0 0.0 198.0

145 29.5 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

