

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049778.D
 Acq On : 12 Jul 2018 19:19
 Operator : MD\SY
 Sample : J3762-07 LOD/MDL 0.2ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 13 03:43:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1064522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1700358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1458559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	562332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	670270	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
35) Dibromofluoromethane	7.59	113	623211	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	10.09	98	1908933	43.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.02%	
62) 4-Bromofluorobenzene	12.40	95	580903	37.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.14%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.86	85	2907	Below Cal		77
3) Chloromethane	2.06	50	5378	Below Cal	#	88
4) Vinyl Chloride	2.18	62	3778	Below Cal		97
5) Bromomethane	2.57	94	6367	Below Cal		99
6) Chloroethane	2.71	64	2837	0.300	ug/l	98
7) Trichlorofluoromethane	3.02	101	4832	0.239	ug/l	91
8) Diethyl Ether	3.42	74	1478	0.204	ug/l	# 17
9) 1,1,2-Trichlorotrifluoroet	3.76	101	3428	0.262	ug/l	# 59
11) Tert butyl alcohol	4.80	59	870	1.050	ug/l	# 72
12) 1,1-Dichloroethene	3.73	96	3367	0.292	ug/l	# 67
13) Acrolein	3.62	56	1614	2.217	ug/l	# 63
15) Acrylonitrile	4.99	53	1142	0.275	ug/l	# 44
16) Acetone	3.83	43	7795	0.485	ug/l	98
18) Methyl Acetate	4.33	43	12496	0.478	ug/l	90
20) Methylene Chloride	4.55	84	6423	Below Cal	#	83
21) trans-1,2-Dichloroethene	5.05	96	3706	0.295	ug/l	94
23) Vinyl Acetate	5.91	43	19319	0.747	ug/l	95
24) 1,1-Dichloroethane	5.85	63	6170	0.255	ug/l	# 89
25) 2-Butanone	6.85	43	2772	0.574	ug/l	96
26) 2,2-Dichloropropane	6.84	77	4947	0.246	ug/l	# 69
27) cis-1,2-Dichloroethene	6.84	96	3489	0.242	ug/l	95
29) Tetrahydrofuran	7.23	42	3241	1.070	ug/l	# 32
30) Chloroform	7.38	83	5662	0.227	ug/l	97
31) Cyclohexane	7.66	56	21984	0.889	ug/l	# 1
32) 1,1,1-Trichloroethane	7.57	97	4772	0.225	ug/l	# 51
36) 1,1-Dichloropropene	7.80	75	4280	0.218	ug/l	# 69
38) Carbon Tetrachloride	7.78	117	5707	0.279	ug/l	# 82
40) Benzene	8.04	78	12547	0.214	ug/l	100
42) 1,2-Dichloroethane	8.13	62	4107	0.214	ug/l	86
44) Trichloroethene	8.84	130	3649	0.231	ug/l	94
45) 1,2-Dichloropropane	9.13	63	3175	0.202	ug/l	91
46) Dibromomethane	9.20	93	1959	0.209	ug/l	91
47) Bromodichloromethane	9.41	83	4578	0.222	ug/l	# 97
48) Methyl methacrylate	9.21	41	2350	0.225	ug/l	# 82

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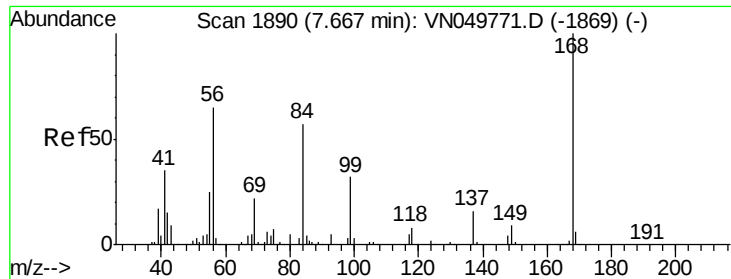
Instrument :
 MSVOA_N
 ClientSampleId :

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

49) 1,4-Dioxane	9.21	88	405	2.965	ug/l #	50
51) 4-Methyl-2-Pentanone	9.99	43	9231	0.816	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	4527	0.228	ug/l #	77
55) 1,1,2-Trichloroethane	10.56	97	5693	Below Cal	#	70
58) 2-Chloroethyl Vinyl ether	9.70	63	6103	0.804	ug/l	93
59) 2-Hexanone	10.76	43	6997	0.930	ug/l	99
61) 1,2-Dibromoethane	11.01	107	2554	0.200	ug/l	82
64) Tetrachloroethene	10.63	164	3028	0.229	ug/l #	87
65) Chlorobenzene	11.44	112	8967	0.236	ug/l	98
68) m/p-Xylenes	11.62	106	9051	0.388	ug/l	95
71) Bromoform	12.13	173	1977	0.205	ug/l #	28
73) Isopropylbenzene	12.25	105	9405	0.201	ug/l	99
74) N-amyl acetate	12.07	43	2780	0.229	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.50	83	3121	Below Cal		94
76) 1,2,3-Trichloropropane	12.40	75	283716	28.401	ug/l #	100
77) Bromobenzene	12.53	156	3559	0.287	ug/l	95
78) n-propylbenzene	12.59	91	12407	0.235	ug/l	94
79) 2-Chlorotoluene	12.67	91	7108	0.220	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	7436	0.200	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	283716	91.716	ug/l #	13
82) 4-Chlorotoluene	12.78	91	8533	0.267	ug/l	96
83) tert-Butylbenzene	12.99	119	6673	0.201	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	5809	0.270	ug/l	94
88) 1,4-Dichlorobenzene	13.28	146	5809	0.278	ug/l	95
90) Hexachloroethane	13.88	117	1786	Below Cal		93
91) 1,2-Dichlorobenzene	13.66	146	5545	0.264	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	651	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	2804	3.119	ug/l	88
94) Hexachlorobutadiene	15.01	225	656	Below Cal	#	17
95) Naphthalene	15.14	128	5259	4.220	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.32	180	2756	0.271	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

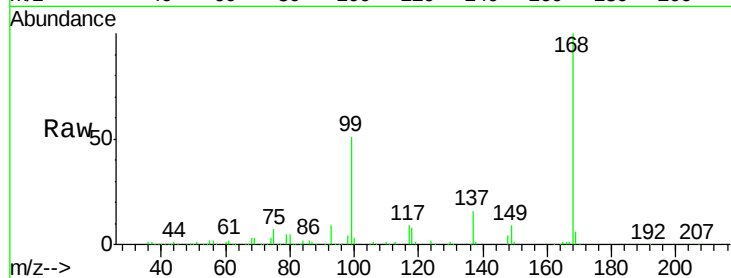
ClientSampled :

Tot Ion:168 Resp: 1064522

Ion Ratio Lower Upper

168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

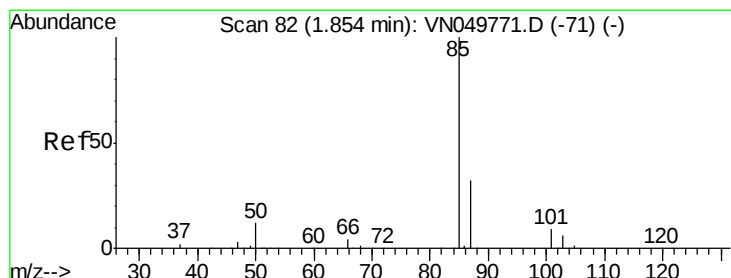
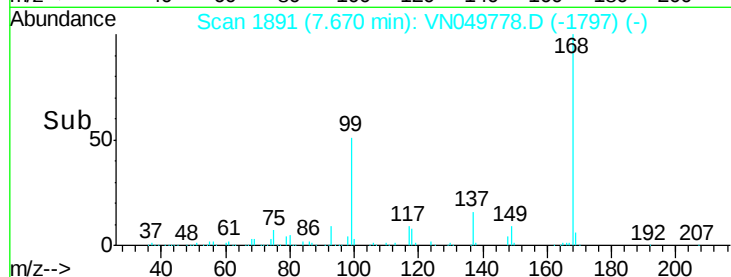
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.86 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN049778.D

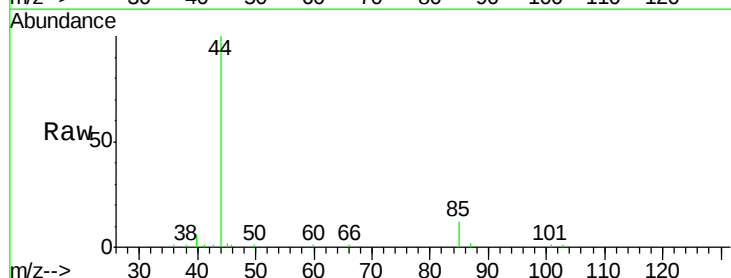
Acq: 12 Jul 2018 19:19

Tgt Ion: 85 Resp: 2907

Ion Ratio Lower Upper

85 100

87 18.3 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.86

3000

2500

2000

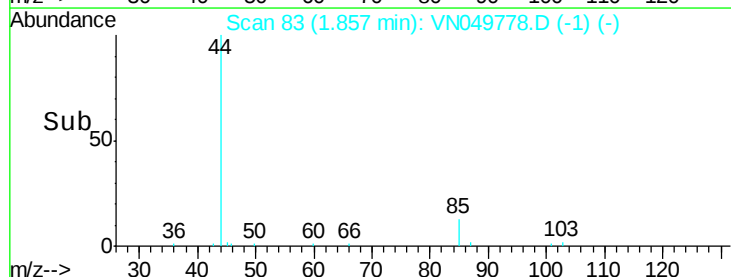
1500

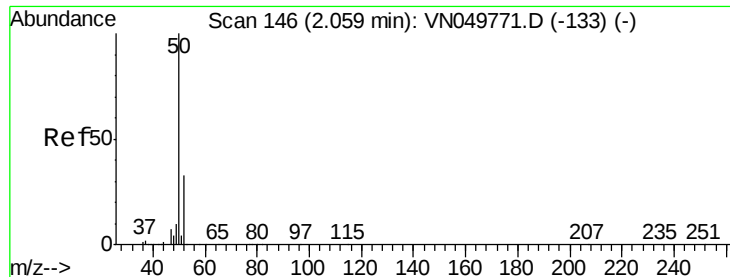
1000

500

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

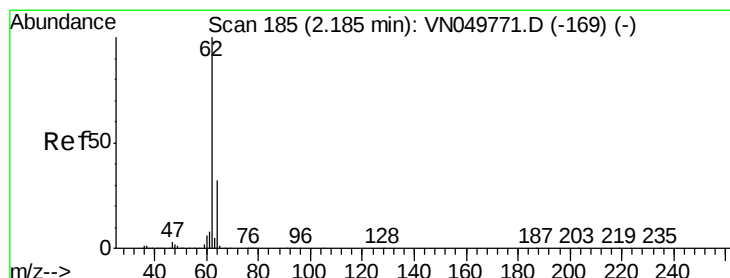
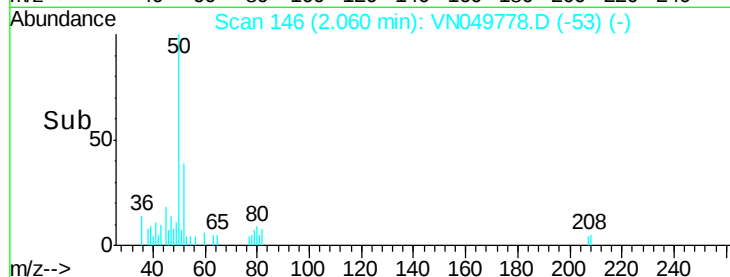
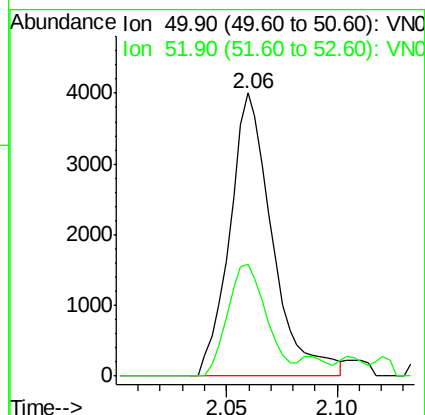
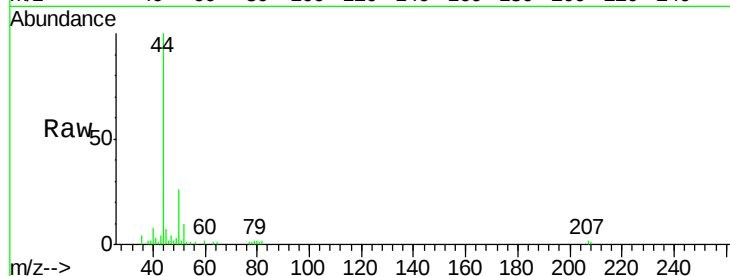
ClientSampled :

Tot Ion: 50 Resp: 5378

Ion Ratio Lower Upper

50 100

52 39.5 26.1 39.1#



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049778.D

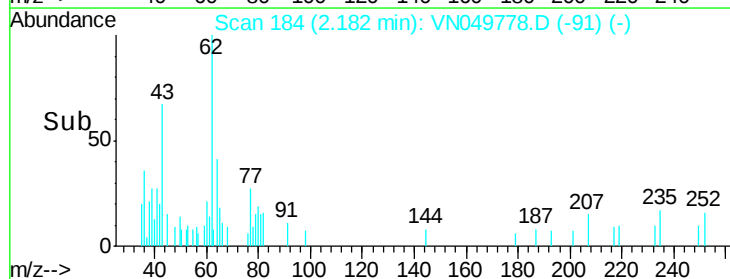
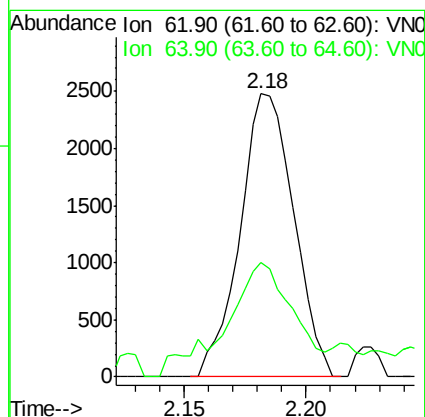
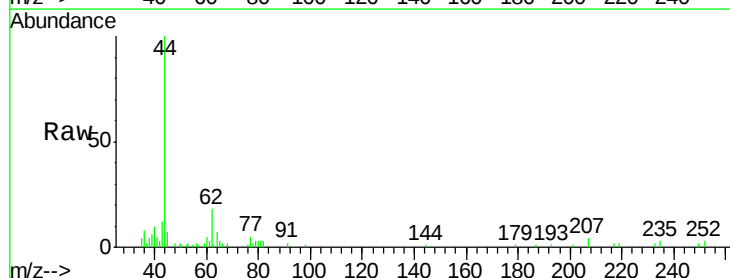
Acq: 12 Jul 2018 19:19

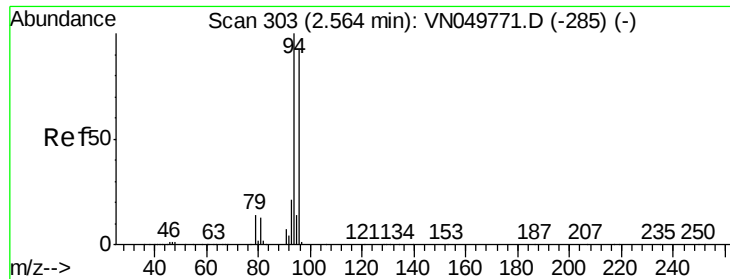
Tgt Ion: 62 Resp: 3778

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

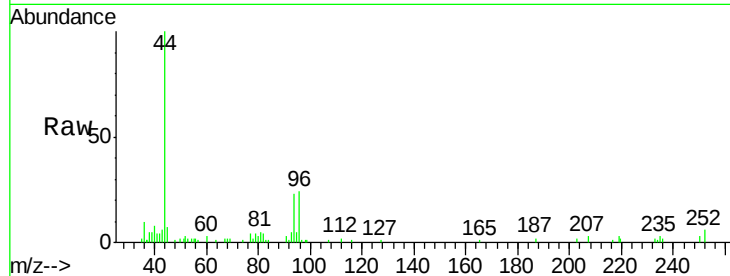
ClientSampleId :

Tot Ion: 94 Resp: 6367

Ion Ratio Lower Upper

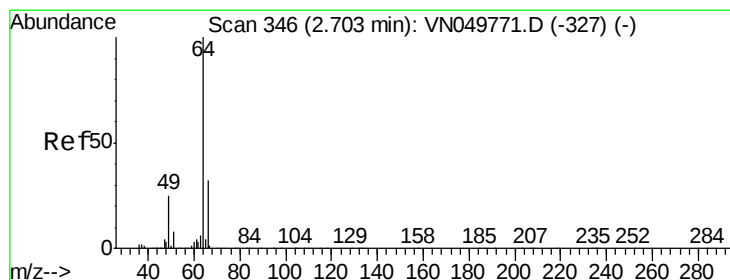
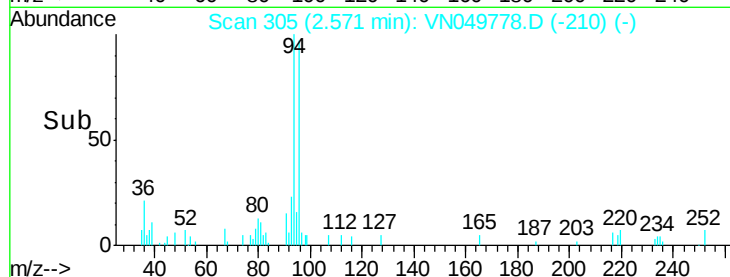
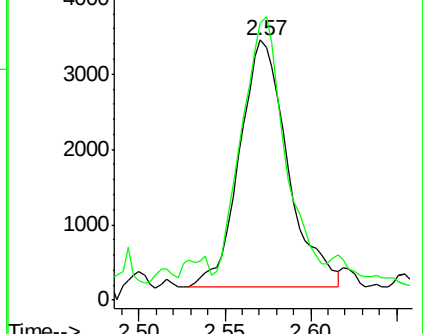
94 100

96 96.0 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.300 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049778.D

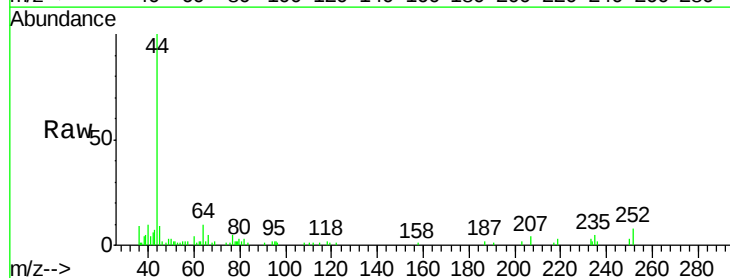
Acq: 12 Jul 2018 19:19

Tgt Ion: 64 Resp: 2837

Ion Ratio Lower Upper

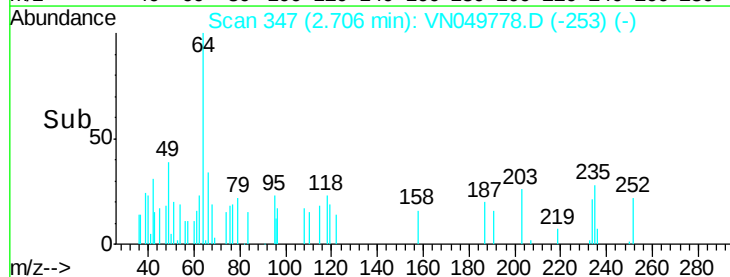
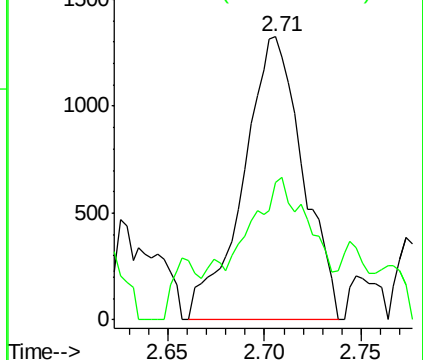
64 100

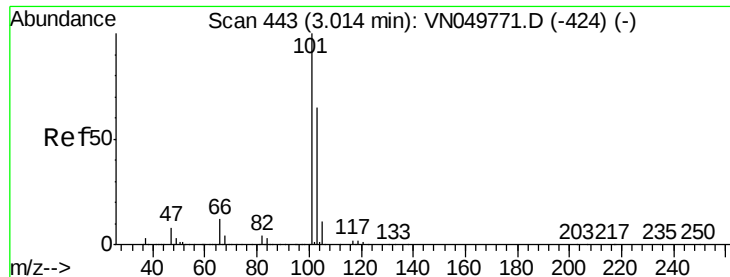
66 31.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



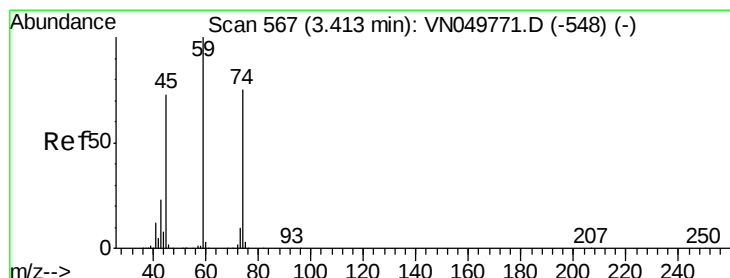
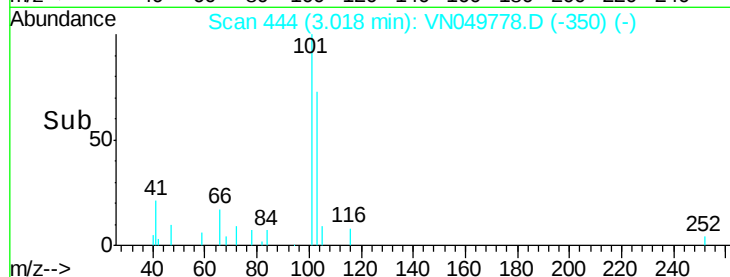
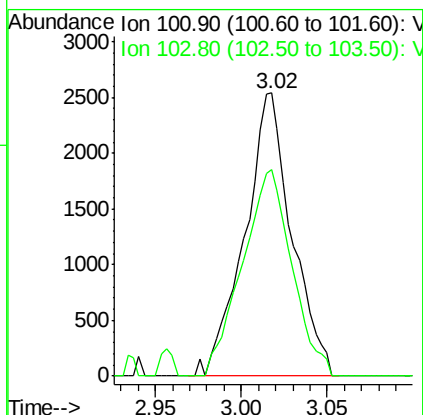
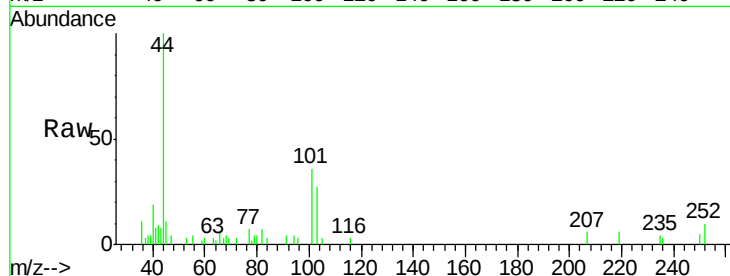


#7

Trichlorofluoromethane
 Concen: 0.239 ug/l
 RT: 3.02 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VN049778.D
 Acq: 12 Jul 2018 19:19

Instrument :
 MSVOA_N
 ClientSampleId :

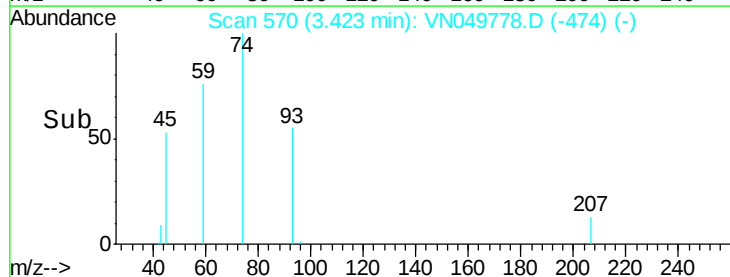
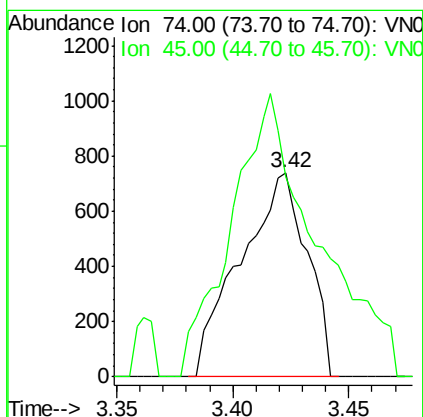
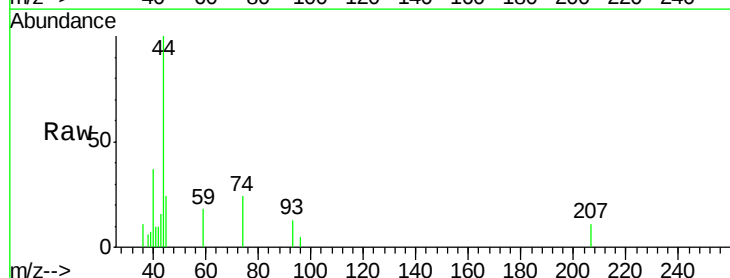
Tot Ion:101 Resp: 4832
 Ion Ratio Lower Upper
 101 100
 103 73.2 52.8 79.2

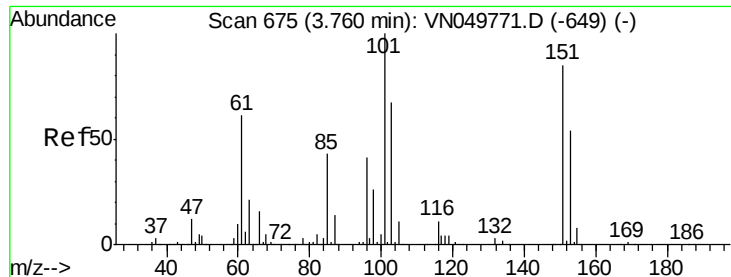


#8

Diethyl Ether
 Concen: 0.204 ug/l
 RT: 3.42 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VN049778.D
 Acq: 12 Jul 2018 19:19

Tgt Ion: 74 Resp: 1478
 Ion Ratio Lower Upper
 74 100
 45 177.9 48.4 145.2#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.262 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

ClientSampled :

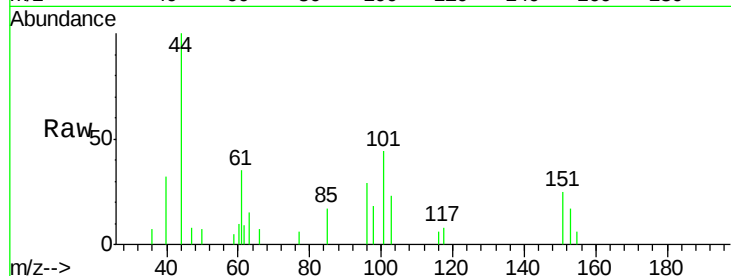
Tot Ion:101 Resp: 3428

Ion Ratio Lower Upper

101 100

85 30.0 34.4 51.6#

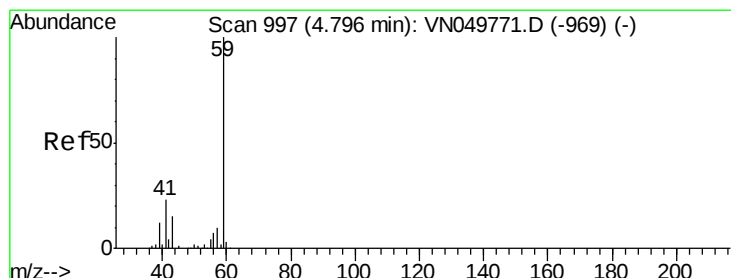
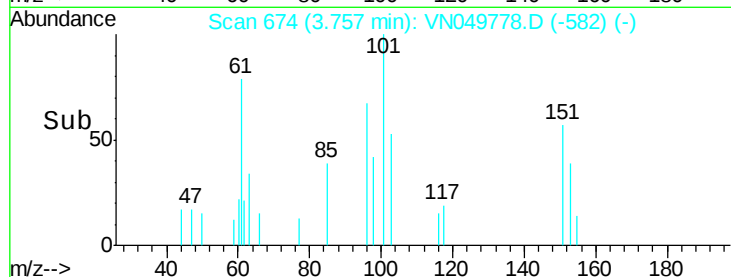
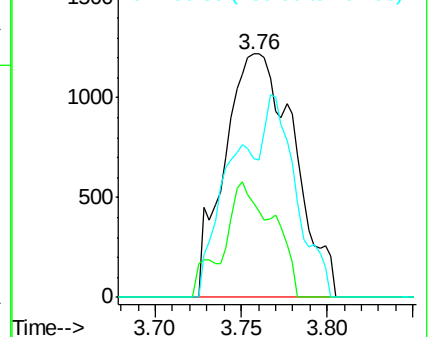
151 36.0 66.2 99.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 1.050 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN049778.D

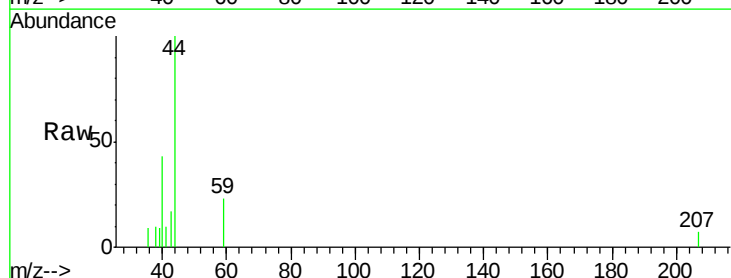
Acq: 12 Jul 2018 19:19

Tgt Ion: 59 Resp: 870

Ion Ratio Lower Upper

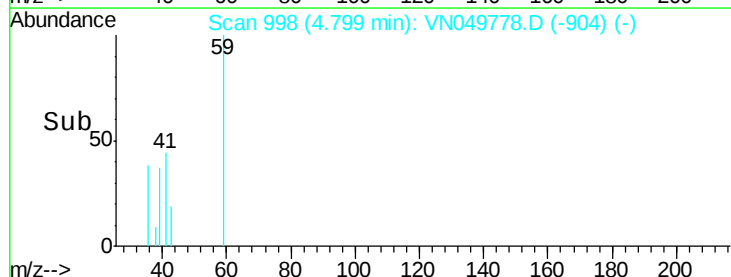
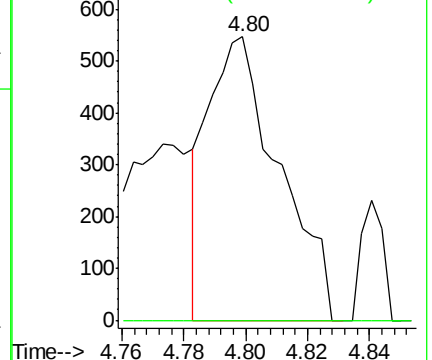
59 100

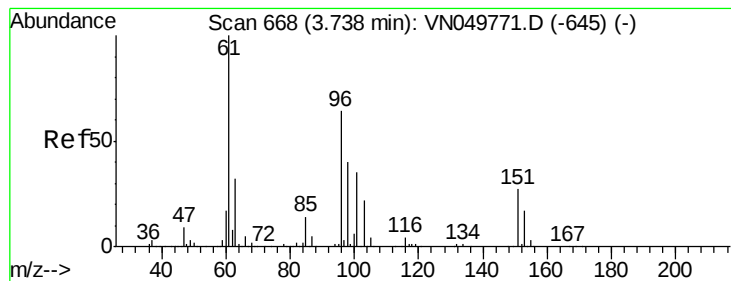
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#12

1,1-Dichloroethene

Concen: 0.292 ug/l

RT: 3.73 min Scan# 667

Delta R.T. -0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :
MSVOA_N
ClientSampled :

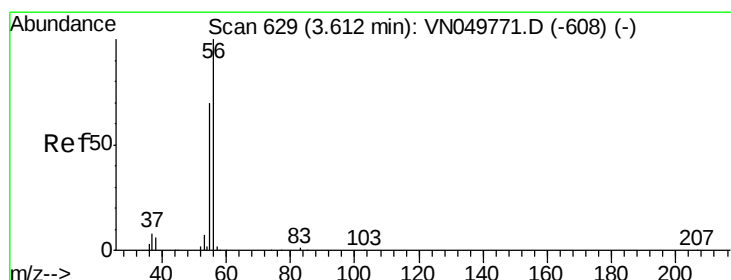
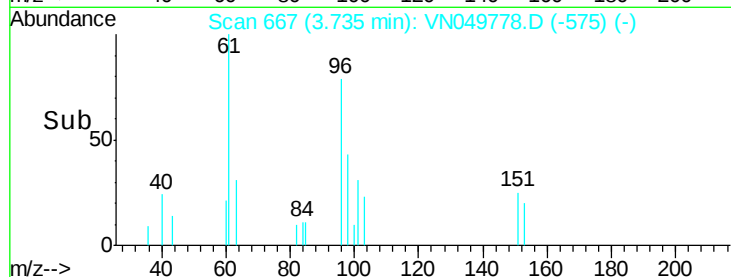
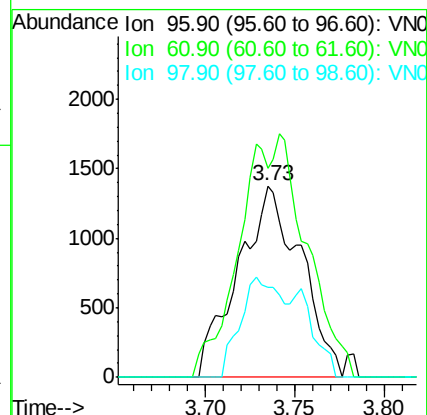
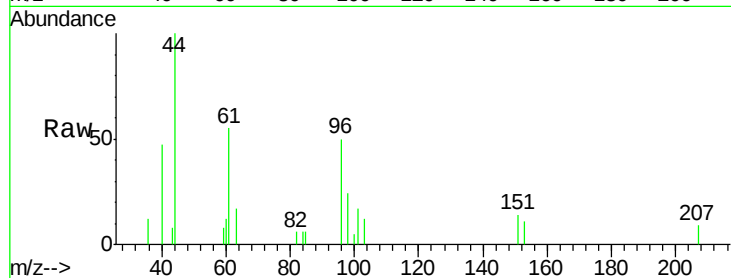
Tot Ion: 96 Resp: 3367

Ion Ratio Lower Upper

96 100

61 109.2 126.5 189.7#

98 47.4 51.0 76.6#



#13

Acrolein

Concen: 2.217 ug/l

RT: 3.62 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN049778.D

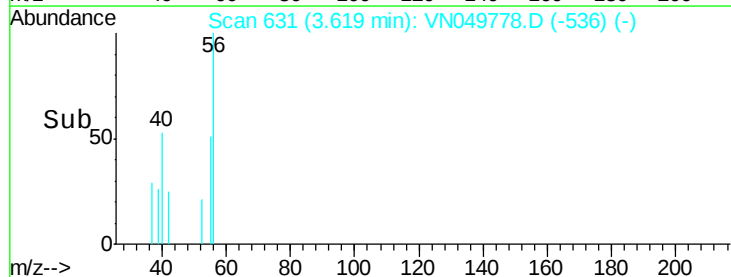
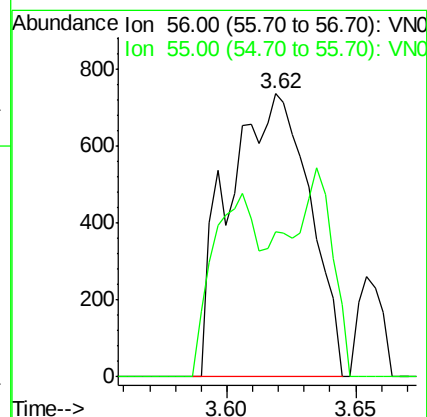
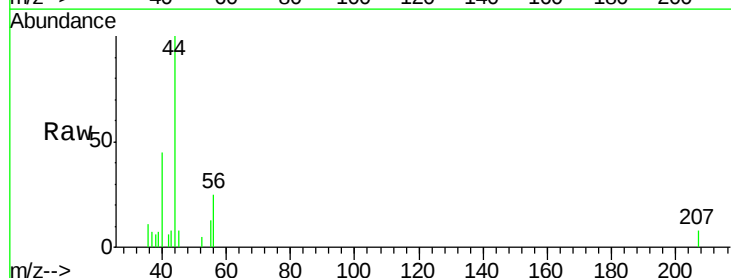
Acq: 12 Jul 2018 19:19

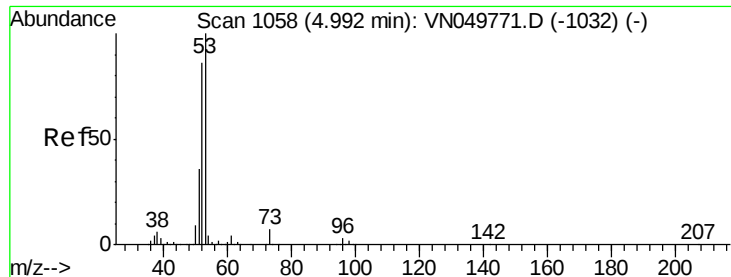
Tgt Ion: 56 Resp: 1614

Ion Ratio Lower Upper

56 100

55 39.1 55.8 83.8#





#15

Acrylonitrile

Concen: 0.275 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

ClientSampled :

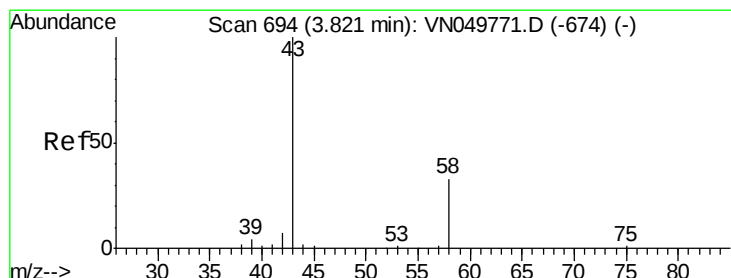
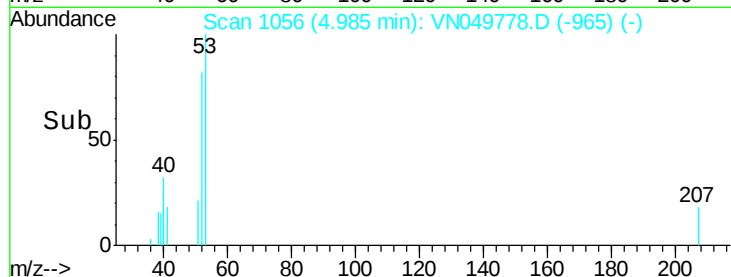
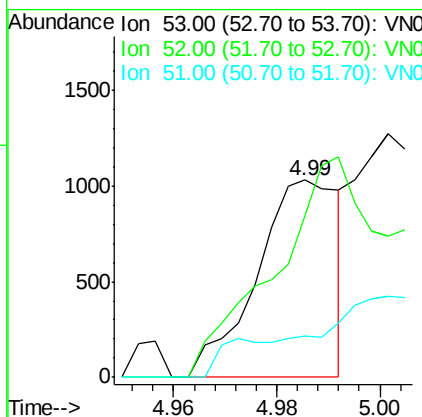
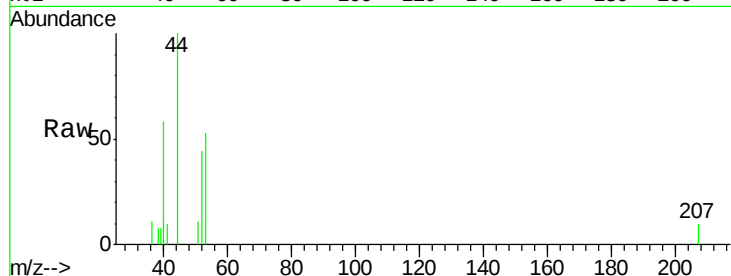
Tot Ion: 53 Resp: 1142

Ion Ratio Lower Upper

53 100

52 134.5 64.8 97.2#

51 9.4 28.9 43.3#



#16

Acetone

Concen: 0.485 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049778.D

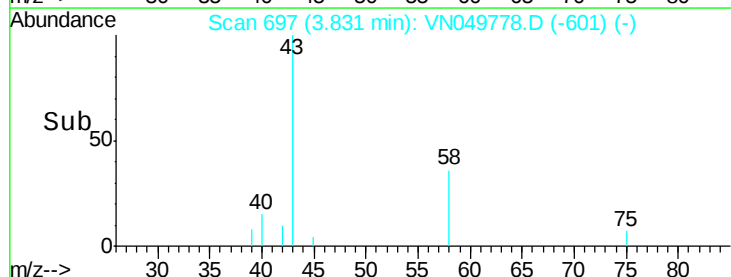
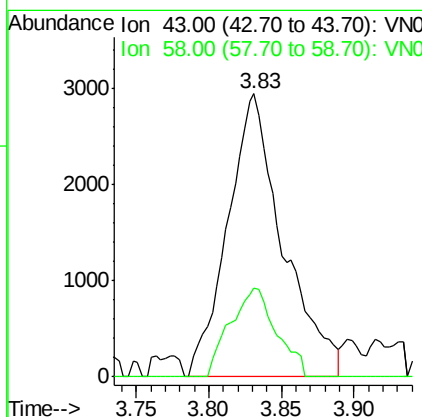
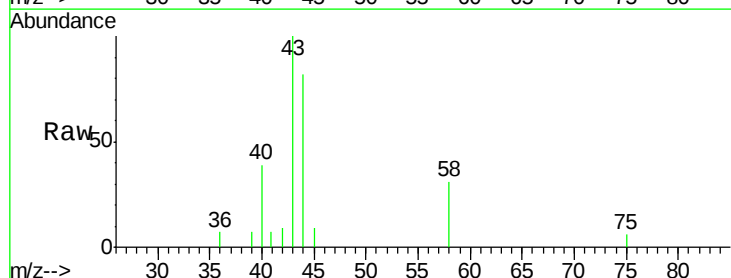
Acq: 12 Jul 2018 19:19

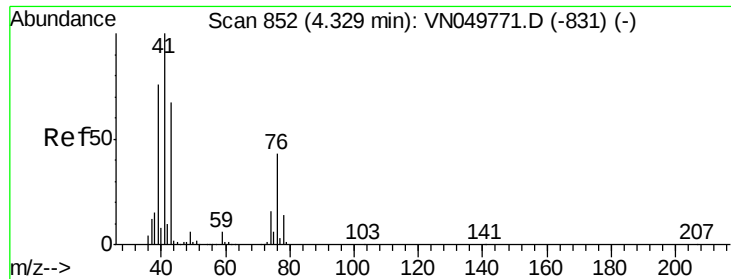
Tgt Ion: 43 Resp: 7795

Ion Ratio Lower Upper

43 100

58 31.3 25.9 38.9

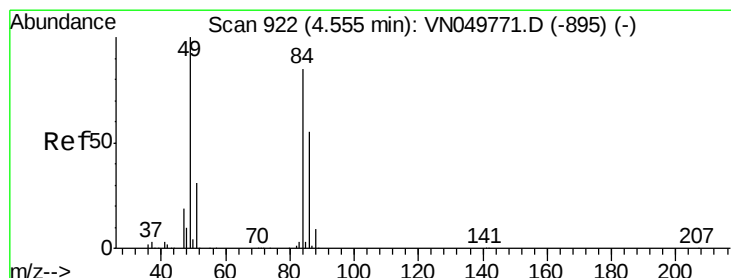
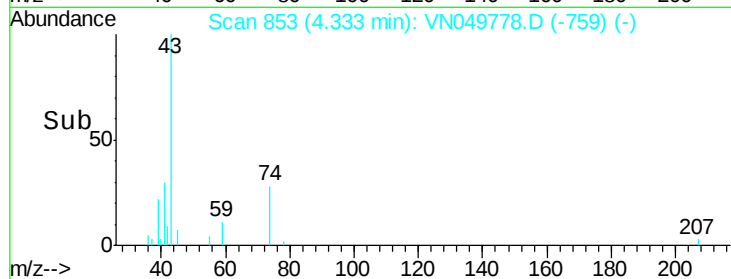
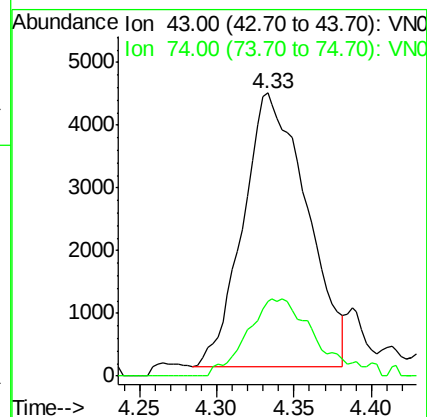
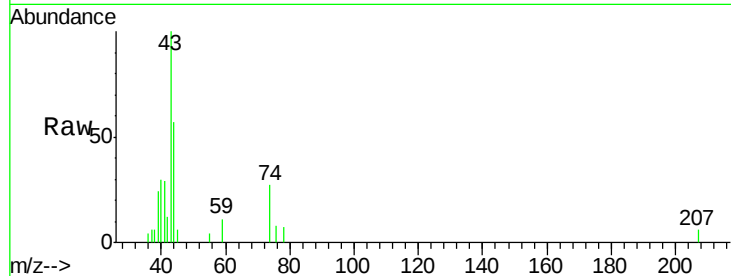




#18
Methvl Acetate
Concen: 0.478 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

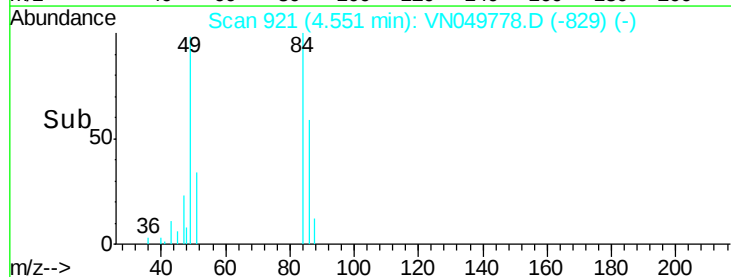
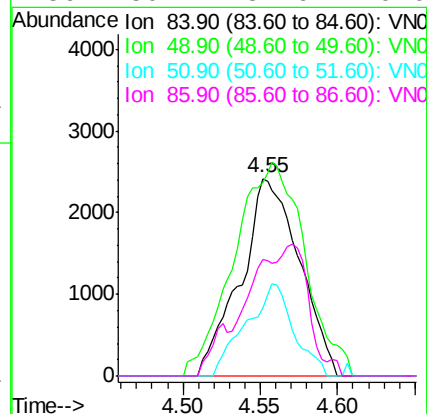
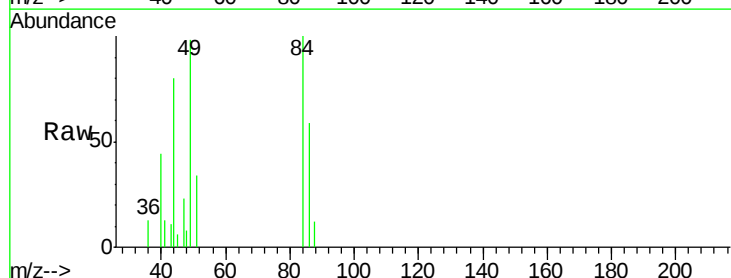
Instrument :
MSVOA_N
ClientSampled :

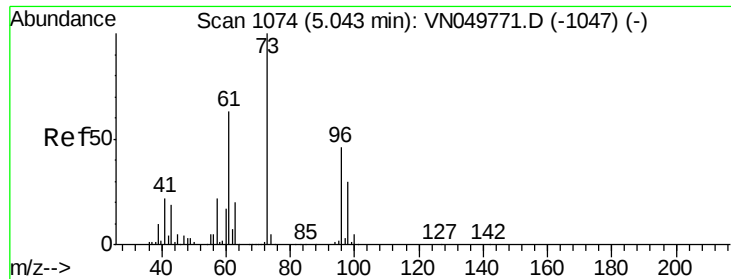
Tot Ion: 43 Resp: 12496
Ion Ratio Lower Upper
43 100
74 29.7 19.8 29.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Tgt Ion: 84 Resp: 6423
Ion Ratio Lower Upper
84 100
49 89.9 95.4 143.2#
51 34.3 28.4 42.6
86 59.2 52.6 79.0



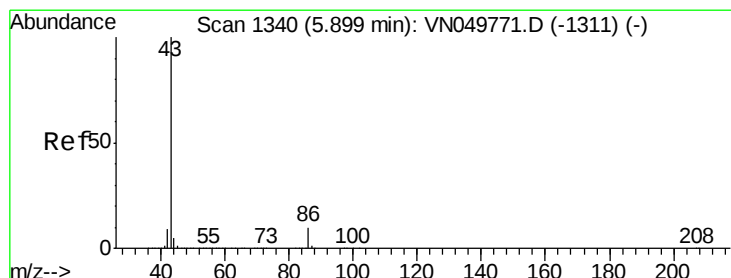
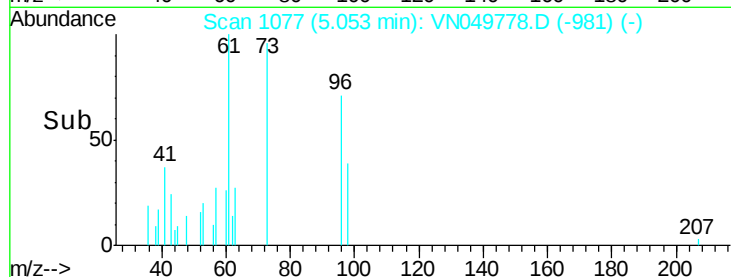
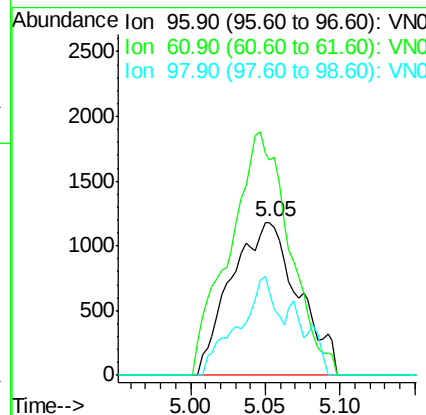
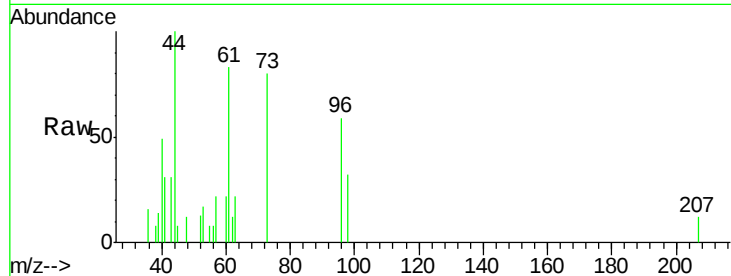


#21

trans-1,2-Dichloroethene
Concen: 0.295 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Instrument :
MSVOA_N
ClientSampled :

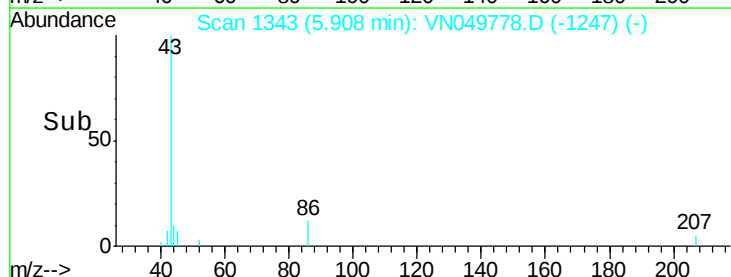
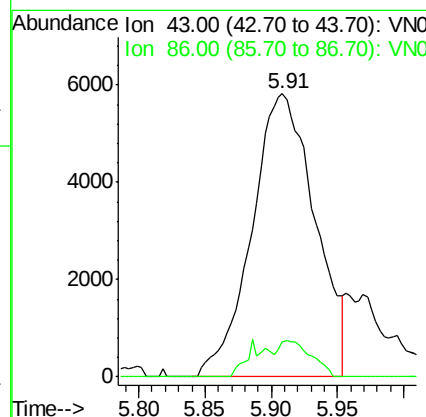
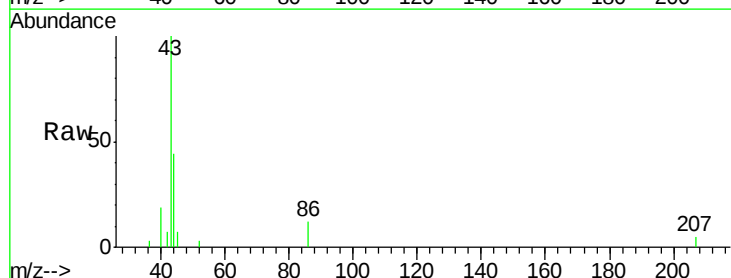
Tot Ion: 96 Resp: 3706
Ion Ratio Lower Upper
96 100
61 140.3 109.0 163.6
98 54.8 51.1 76.7

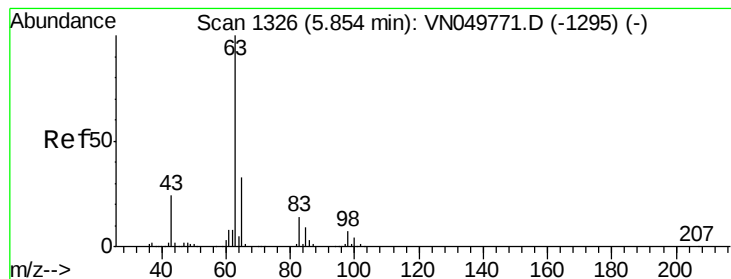


#23

Vinyl Acetate
Concen: 0.747 ug/l
RT: 5.91 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Tgt Ion: 43 Resp: 19319
Ion Ratio Lower Upper
43 100
86 12.2 8.4 12.6





#24

1,1-Dichloroethane

Concen: 0.255 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

ClientSampled :

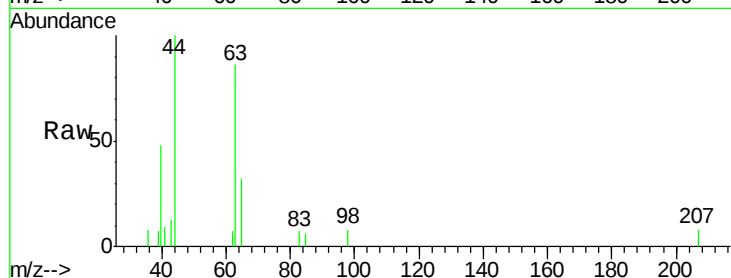
Tot Ion: 63 Resp: 6170

Ion Ratio Lower Upper

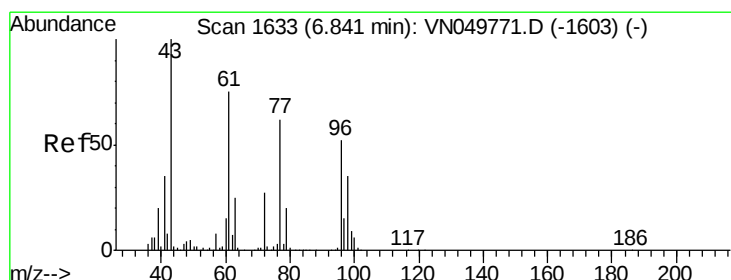
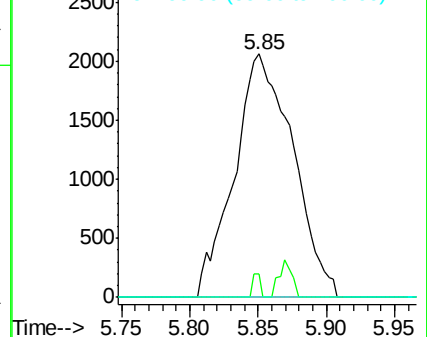
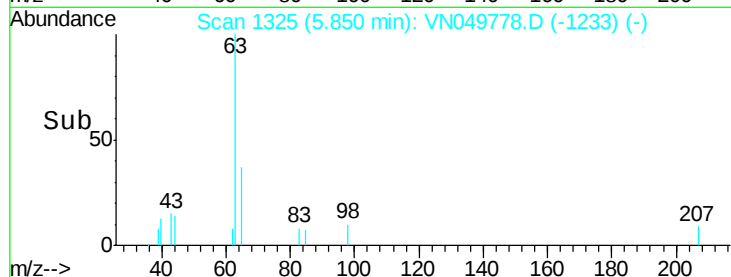
63 100

98 9.8 3.4 10.2

100 0.0 2.2 6.6#



Abundance Ion 62.90 (62.60 to 63.60): VN049778.D (-1233) (-)



#25

2-Butanone

Concen: 0.574 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049778.D

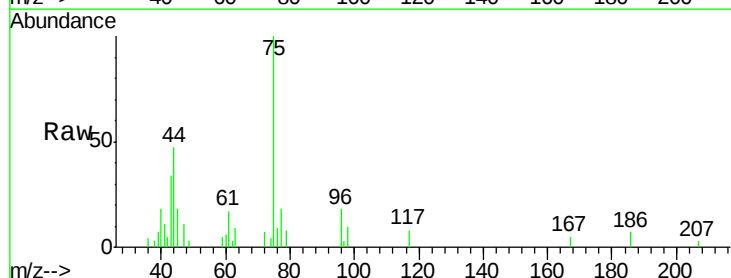
Acq: 12 Jul 2018 19:19

Tgt Ion: 43 Resp: 2772

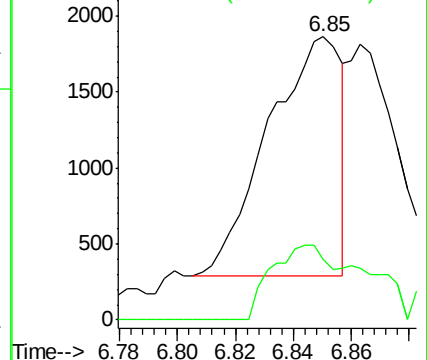
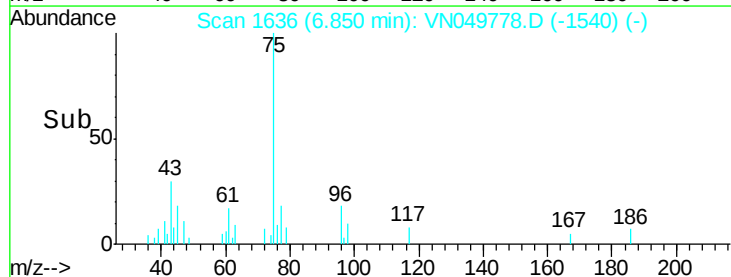
Ion Ratio Lower Upper

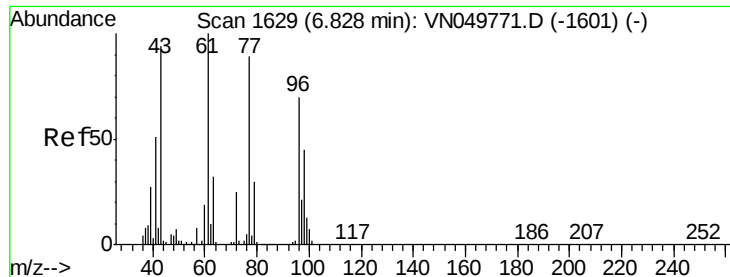
43 100

72 25.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN049778.D (-1540) (-)





#26

2,2-Dichloropropane

Concen: 0.246 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. 0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

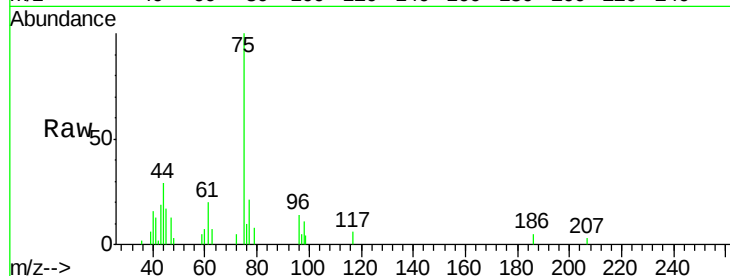
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 77 Resp: 4947

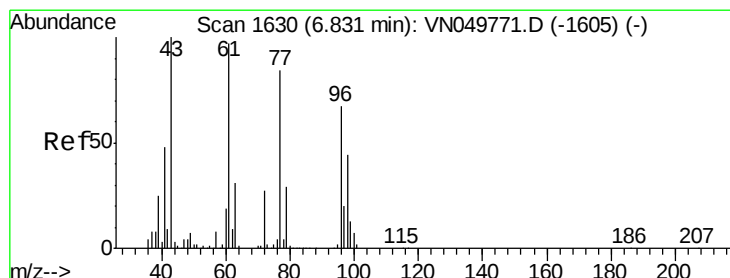
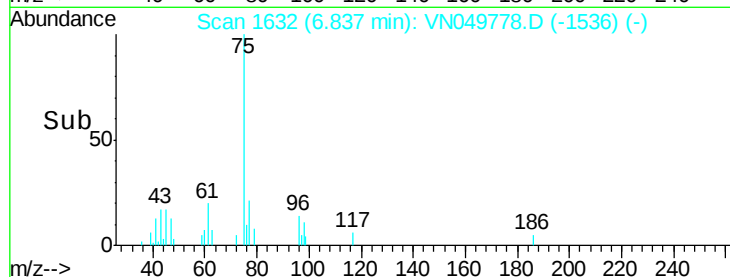
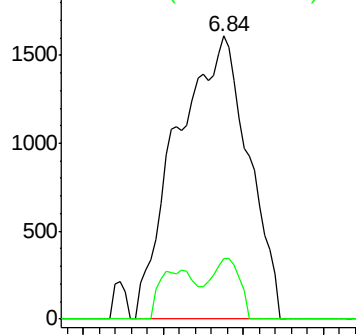
Ion Ratio Lower Upper

77 100

97 8.4 11.9 35.5#



Abundance Ion 76.90 (76.60 to 77.60): VN0
Ion 96.90 (96.60 to 97.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.242 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. 0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

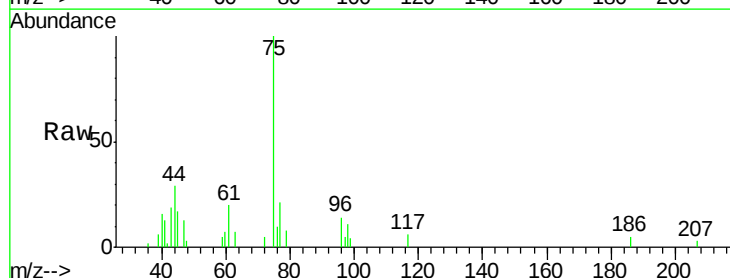
Tgt Ion: 96 Resp: 3489

Ion Ratio Lower Upper

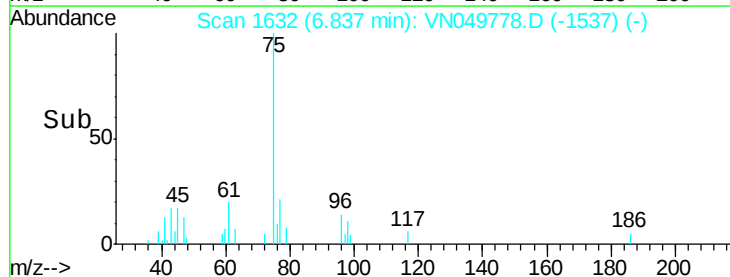
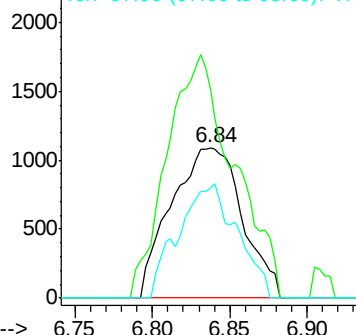
96 100

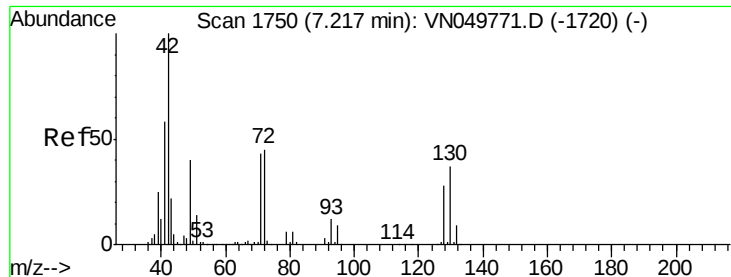
61 152.2 0.0 289.0

98 62.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

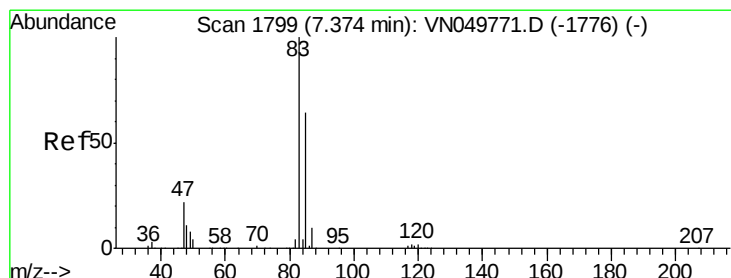
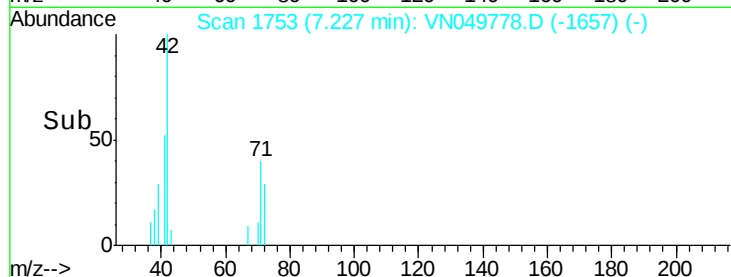
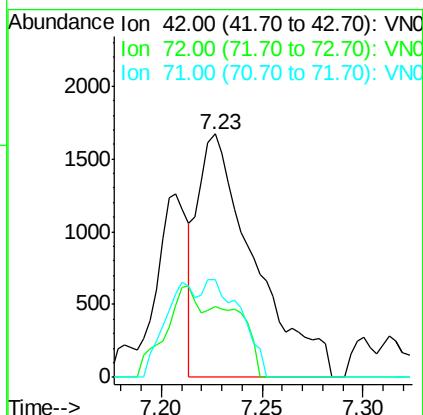
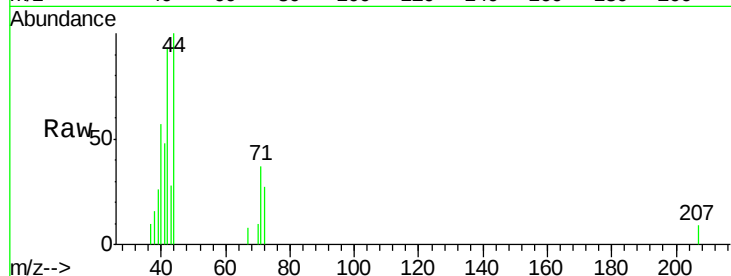




#29
Tetrahydrofuran
Concen: 1.070 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

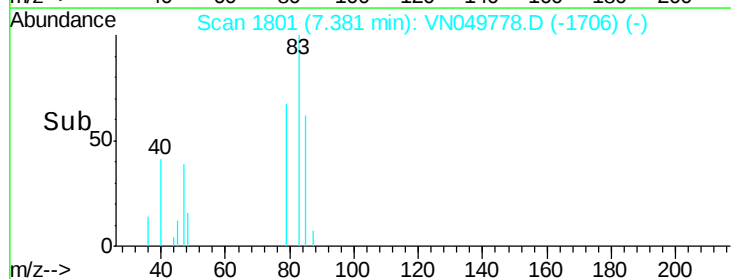
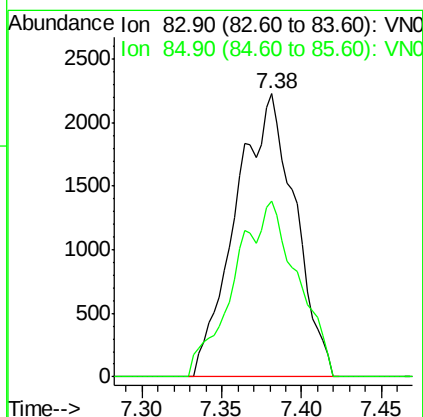
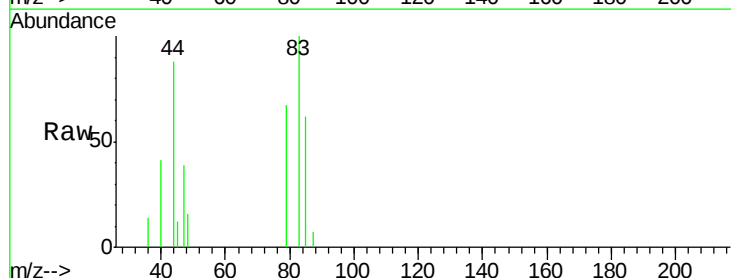
Instrument :
MSVOA_N
ClientSampleId :

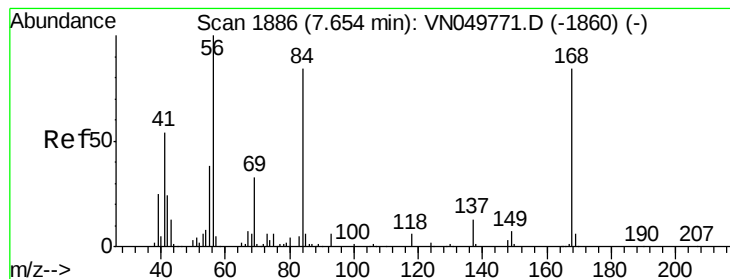
Tot Ion: 42 Resp: 3241
Ion Ratio Lower Upper
42 100
72 0.0 35.6 53.4#
71 0.0 34.0 51.0#



#30
Chloroform
Concen: 0.227 ug/l
RT: 7.38 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Tgt Ion: 83 Resp: 5662
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.2





#31

Cyclohexane

Concen: 0.889 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

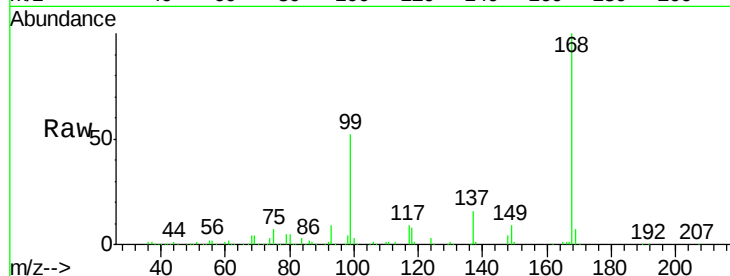
Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 21984

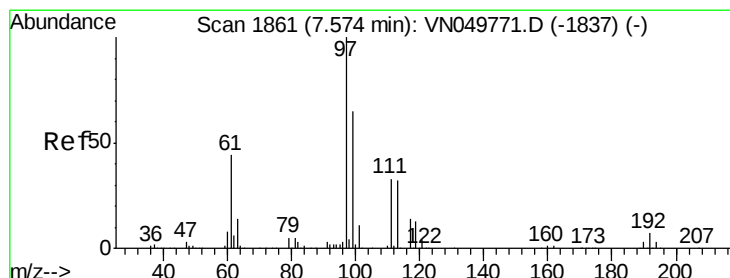
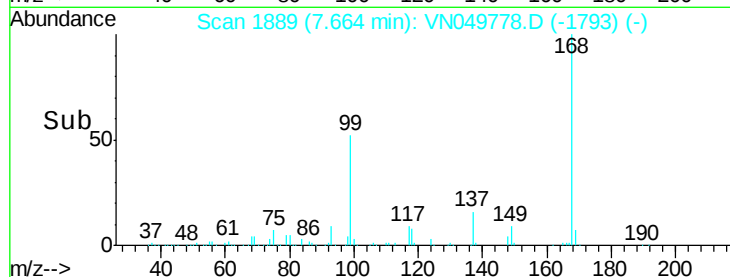
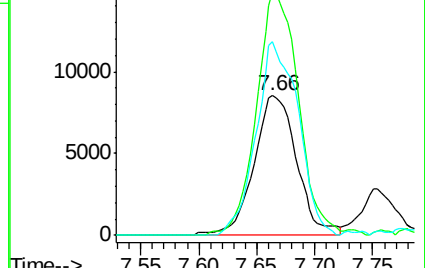
Ion	Ratio	Lower	Upper
56	100		
69	174.1	26.6	40.0#
84	138.8	69.0	103.6#



Abundance Ion 56.00 (55.70 to 56.70): VN049771.D (-1860) (-)

Ion 69.00 (68.70 to 69.70): VN049771.D (-1860) (-)

Ion 84.00 (83.70 to 84.70): VN049771.D (-1860) (-)



#32

1,1,1-Trichloroethane

Concen: 0.225 ug/l

RT: 7.57 min Scan# 1859

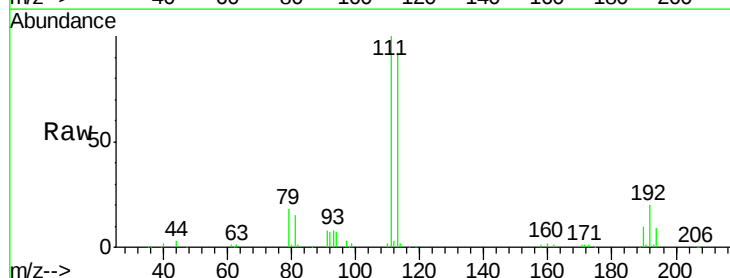
Delta R.T. -0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Tgt Ion: 97 Resp: 4772

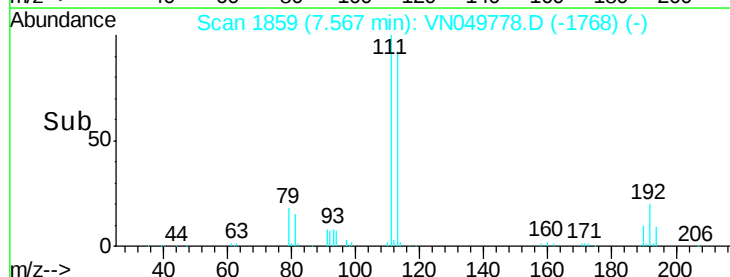
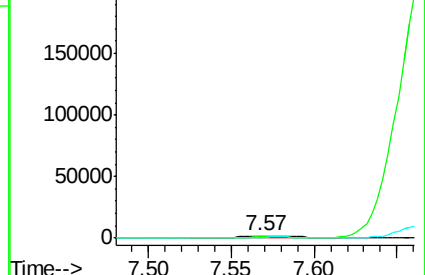
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	45.9	35.5	53.3

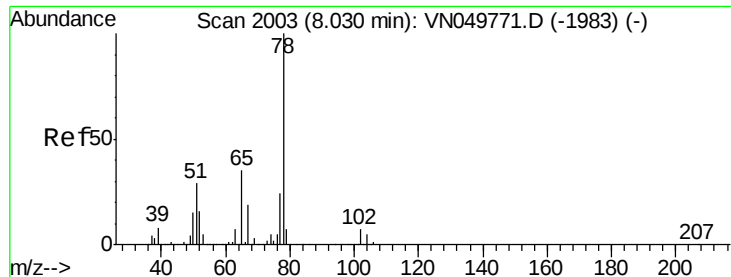


Abundance Ion 96.90 (96.60 to 97.60): VN049771.D (-1837) (-)

Ion 98.90 (98.60 to 99.60): VN049771.D (-1837) (-)

Ion 60.90 (60.60 to 61.60): VN049771.D (-1837) (-)





#33

1,2-Dichloroethane-d4

Concen: 54.127 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

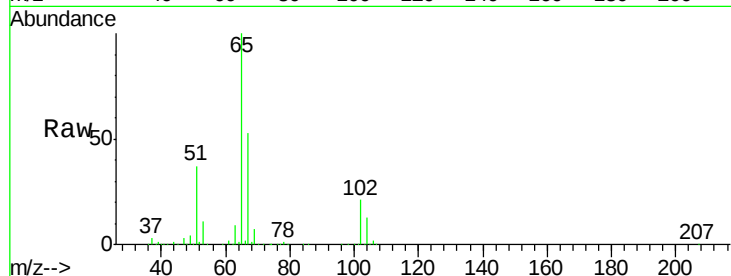
ClientSampleId :

Tot Ion: 65 Resp: 670270

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049778.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN049778.D (-1910) (-)

8.03

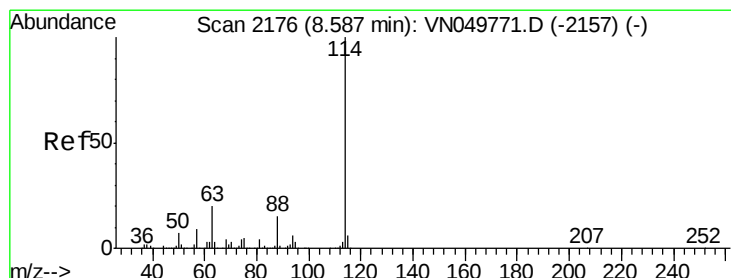
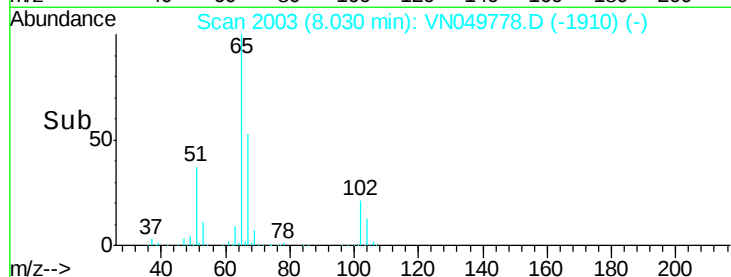
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

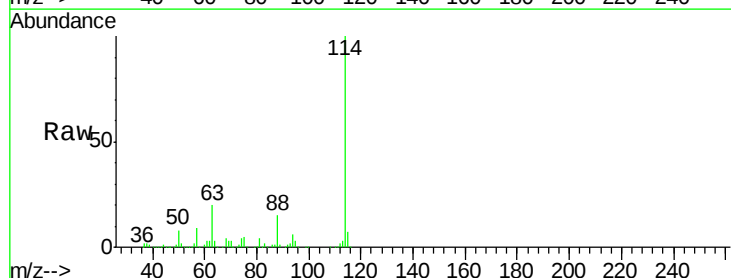
Tgt Ion: 114 Resp: 1700358

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 15.0 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049778.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049778.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049778.D (-2083) (-)

8.59

1000000

800000

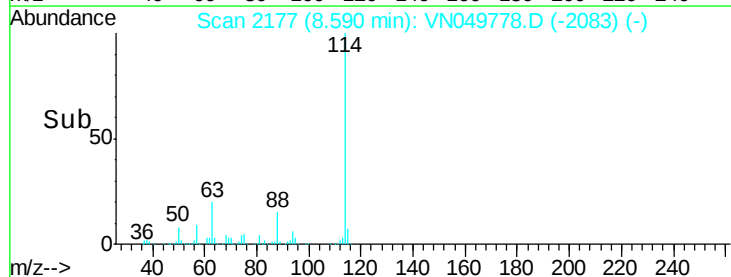
600000

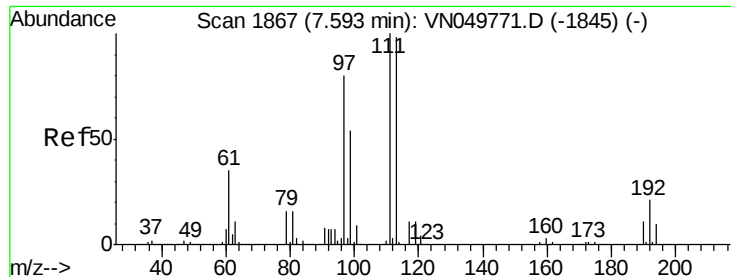
400000

200000

0

Time-->

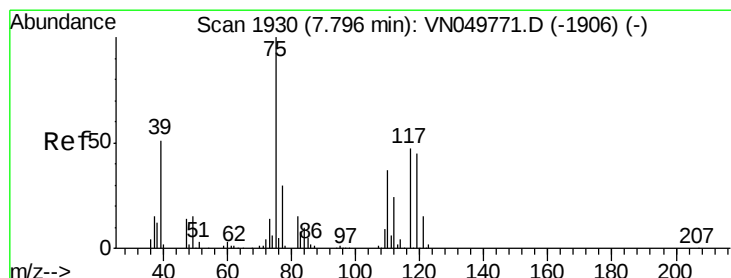
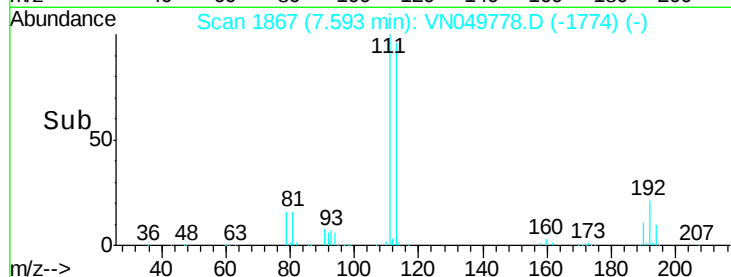
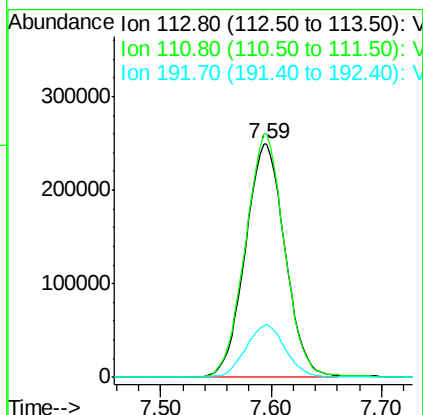
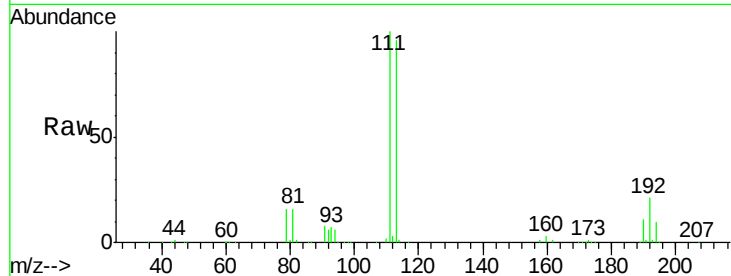




#35
Dibromofluoromethane
Concen: 48.624 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

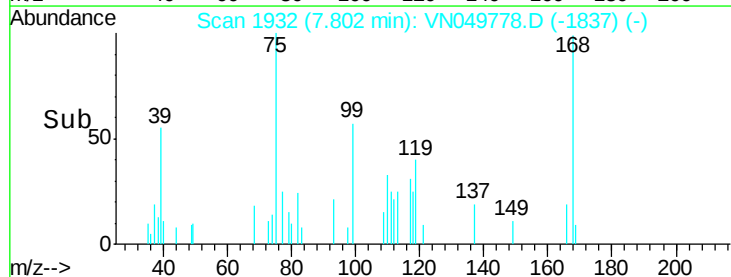
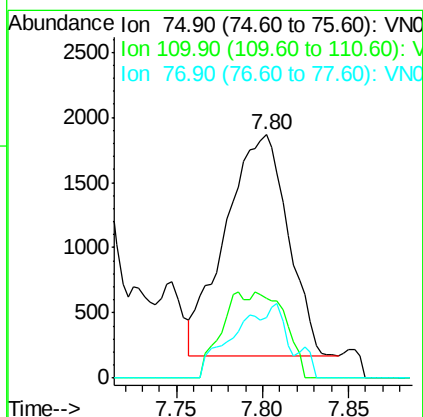
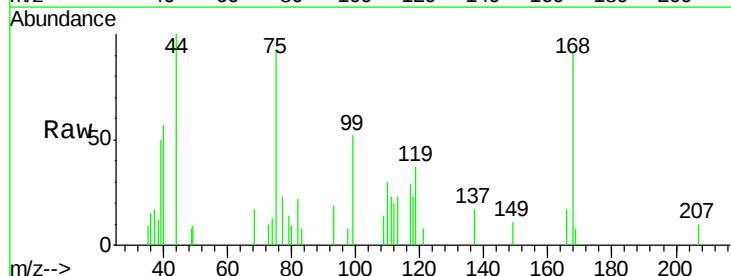
Instrument :
MSVOA_N
ClientSampleId :

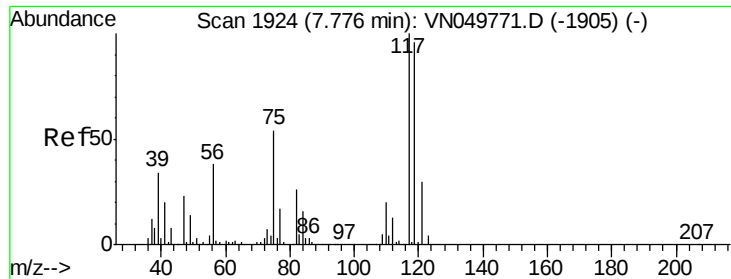
Tot Ion:113 Resp: 623211
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 22.6 17.8 26.6



#36
1,1-Dichloropropene
Concen: 0.218 ug/l
RT: 7.80 min Scan# 1932
Delta R.T. 0.01 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Tgt Ion: 75 Resp: 4280
Ion Ratio Lower Upper
75 100
110 15.6 18.1 54.4#
77 16.5 24.9 37.3#

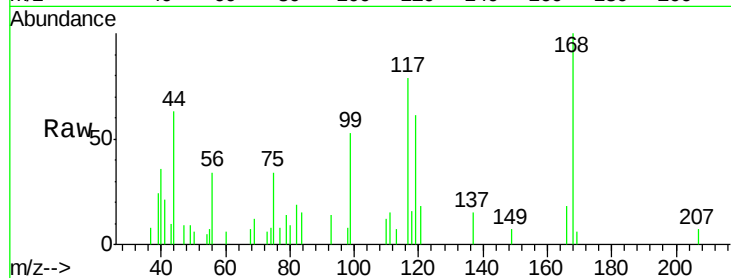




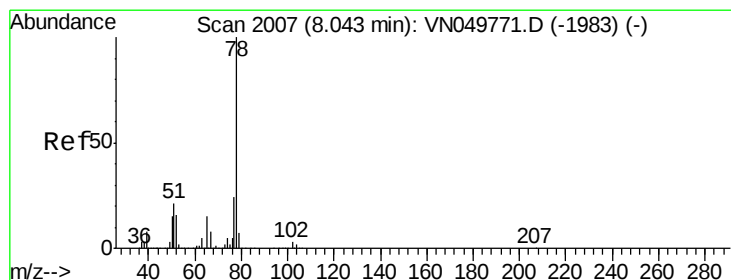
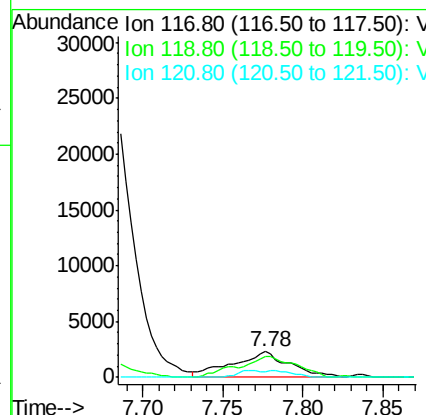
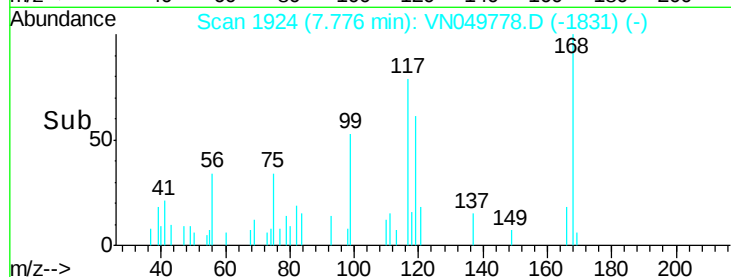
#38
Carbon Tetrachloride
Concen: 0.279 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 5707
Ion Ratio Lower Upper
117 100
119 78.3 77.2 115.8
121 22.8 25.0 37.6#

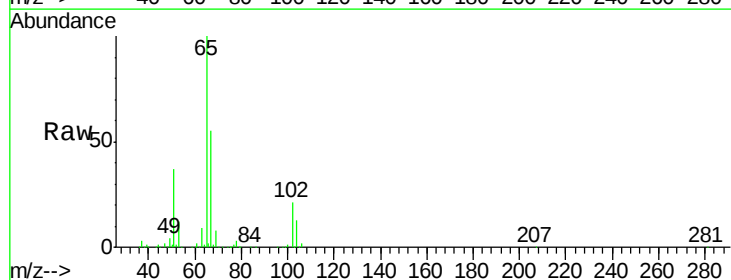


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

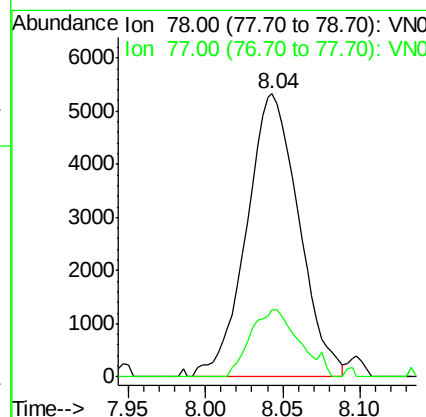
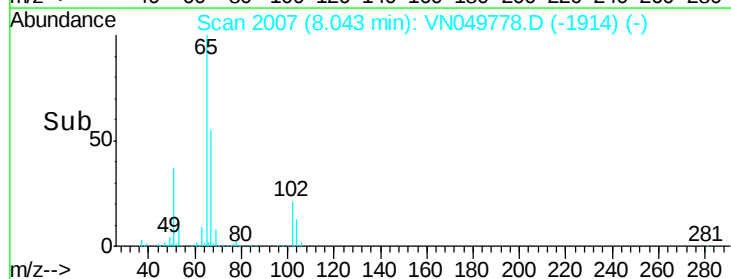


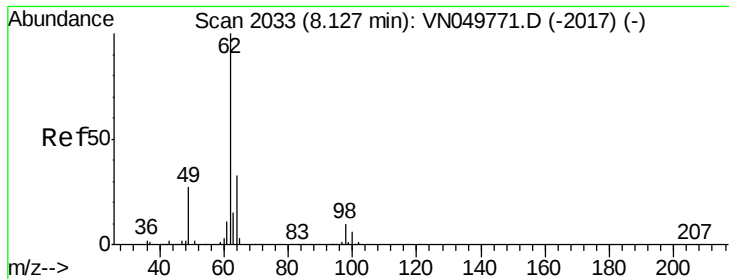
#40
Benzene
Concen: 0.214 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Tgt Ion: 78 Resp: 12547
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4



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





#42

1,2-Dichloroethane

Concen: 0.214 ug/l

RT: 8.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

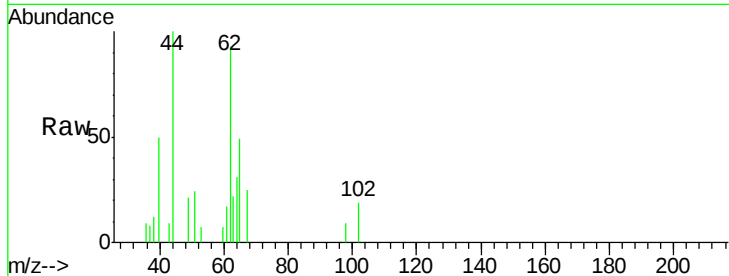
ClientSampled :

Tot Ion: 62 Resp: 4107

Ion Ratio Lower Upper

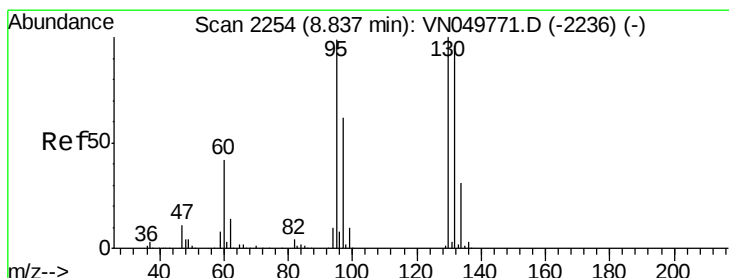
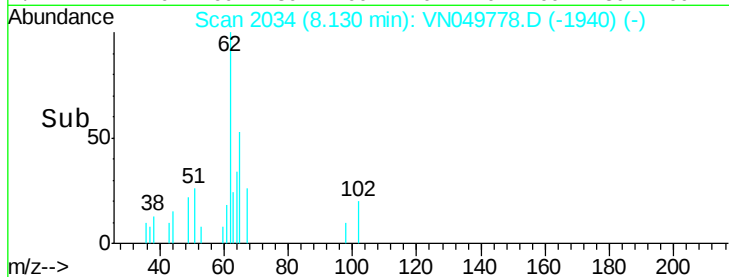
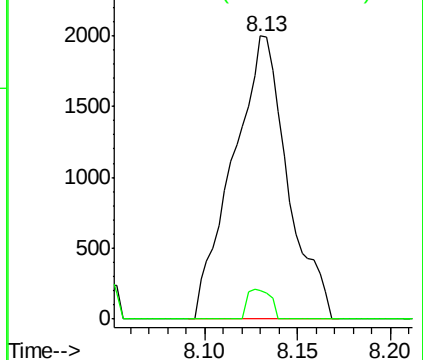
62 100

98 4.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#44

Trichloroethene

Concen: 0.231 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.00 min

Lab File: VN049778.D

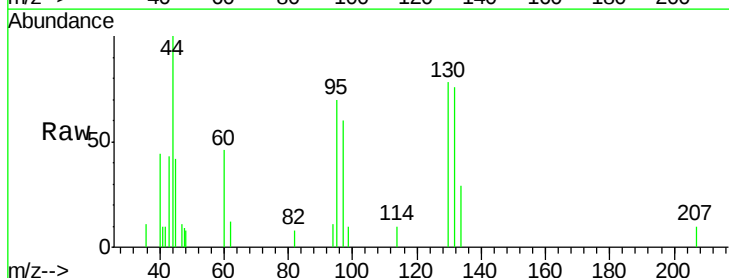
Acq: 12 Jul 2018 19:19

Tgt Ion:130 Resp: 3649

Ion Ratio Lower Upper

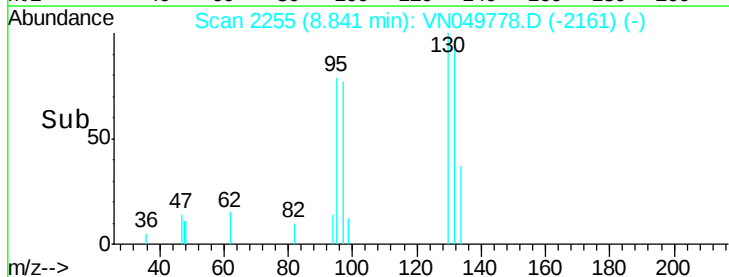
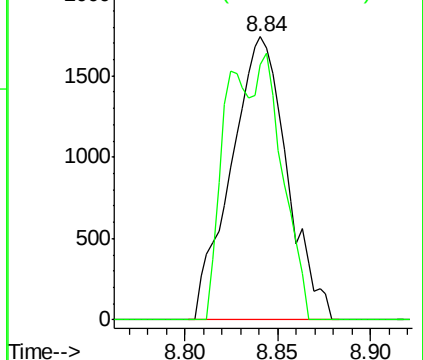
130 100

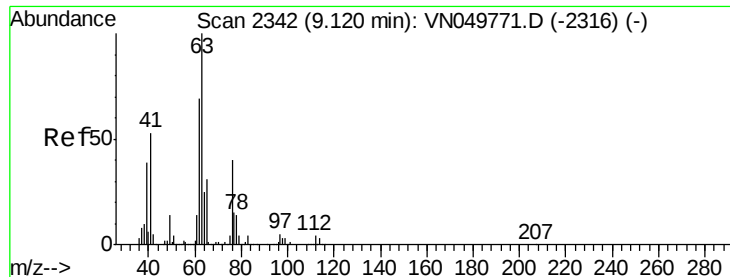
95 90.1 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 0.202 ug/l

RT: 9.13 min Scan# 2344

Delta R.T. 0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

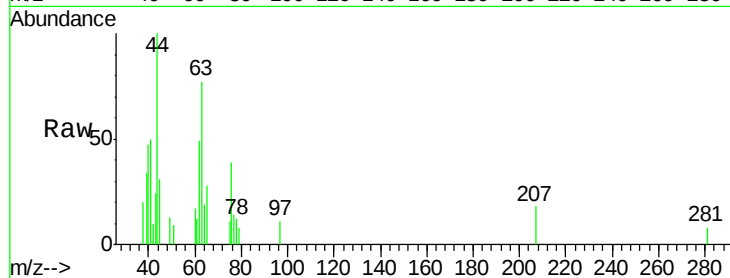
ClientSampleId :

Tot Ion: 63 Resp: 3175

Ion Ratio Lower Upper

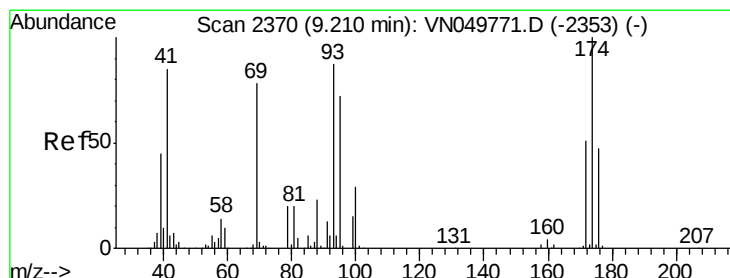
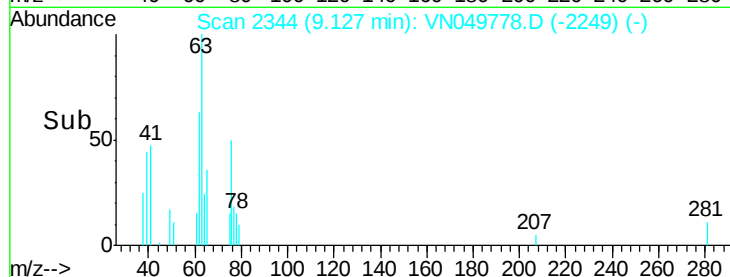
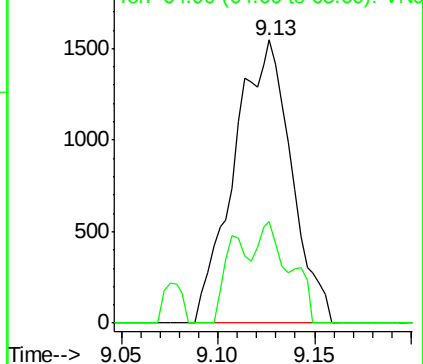
63 100

65 35.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 0.209 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. -0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

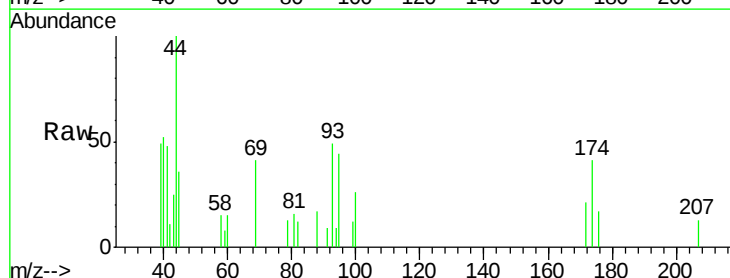
Tgt Ion: 93 Resp: 1959

Ion Ratio Lower Upper

93 100

95 96.9 67.9 101.9

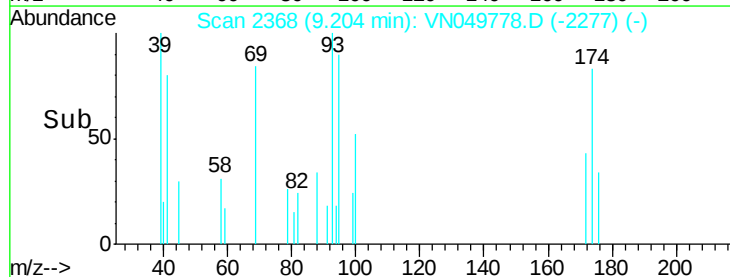
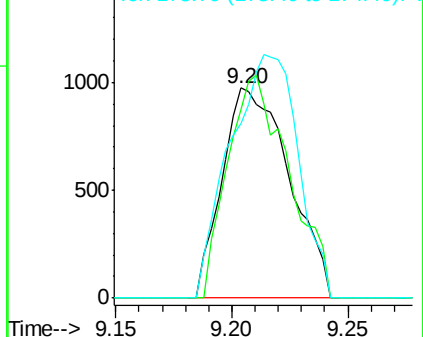
174 117.6 89.4 134.0

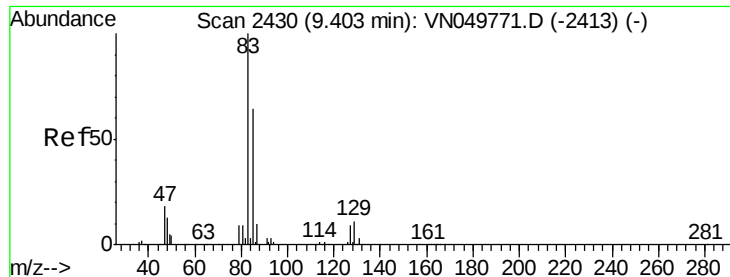


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.222 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

ClientSampleId :

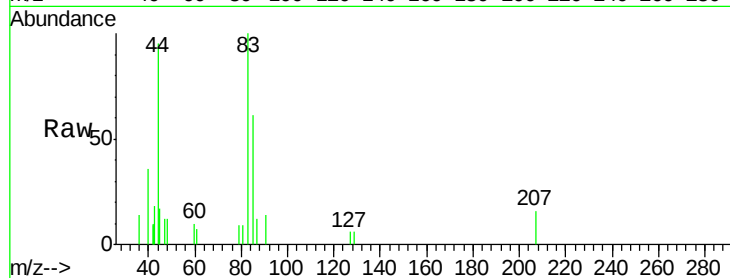
Tot Ion: 83 Resp: 4578

Ion Ratio Lower Upper

83 100

85 60.7 50.5 75.7

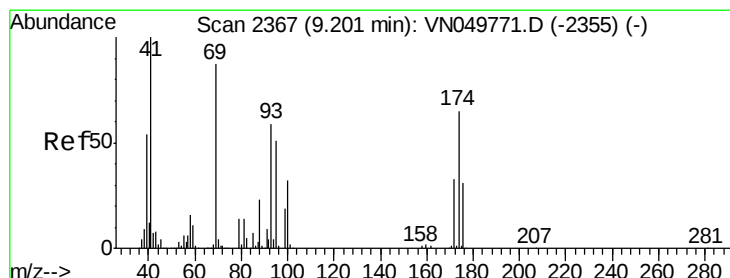
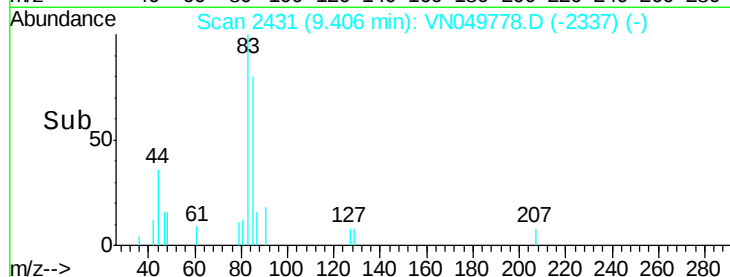
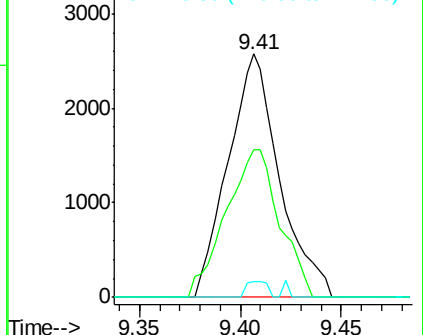
127 6.4 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VN049778.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049778.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049778.D (-2337) (-)



#48

Methyl methacrylate

Concen: 0.225 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

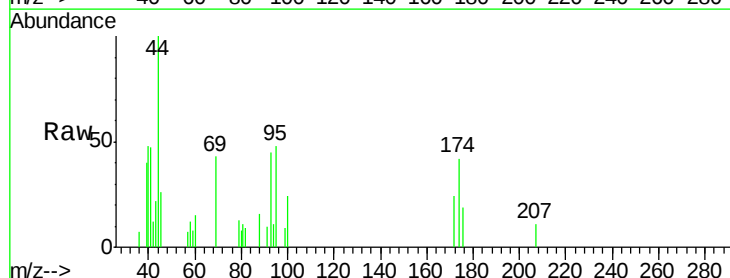
Tgt Ion: 41 Resp: 2350

Ion Ratio Lower Upper

41 100

69 64.8 71.5 107.3#

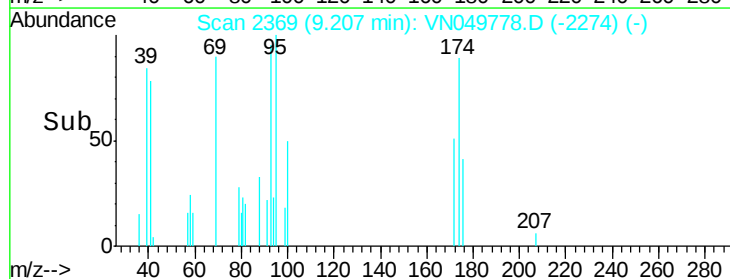
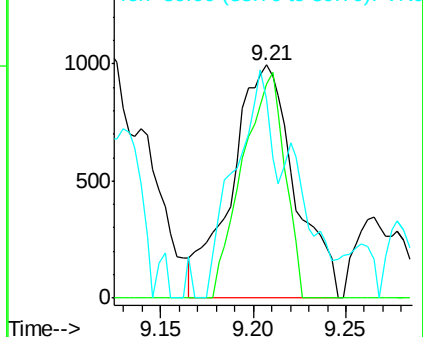
39 59.2 44.7 67.1

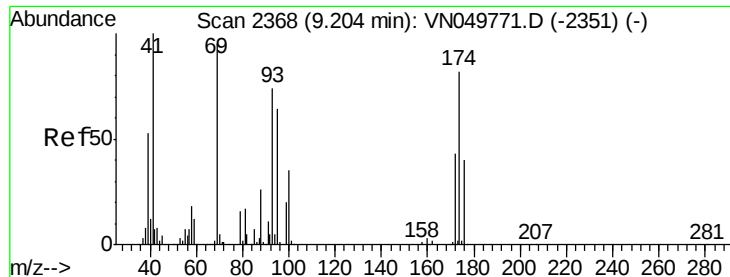


Abundance Ion 41.00 (40.70 to 41.70): VN049778.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049778.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049778.D (-2274) (-)

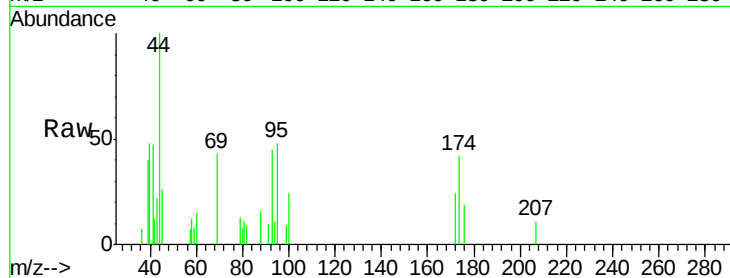




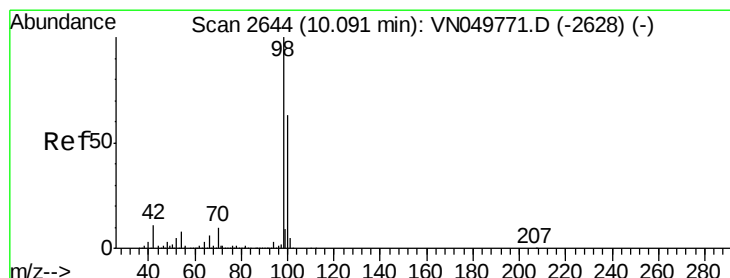
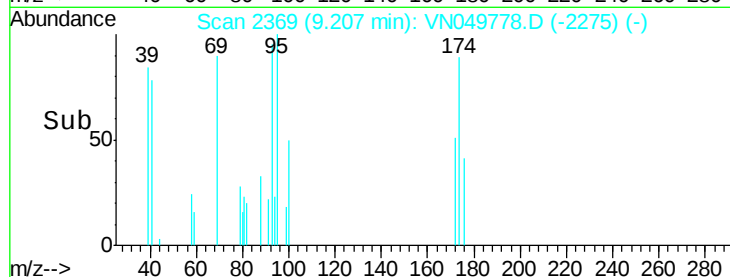
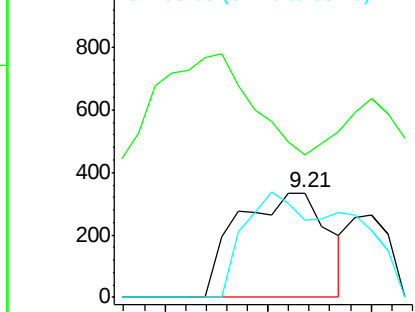
#49
1,4-Dioxane
Concen: 2.965 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 405
Ion Ratio Lower Upper
88 100
43 99.8 25.1 37.7#
58 77.0 52.5 78.7

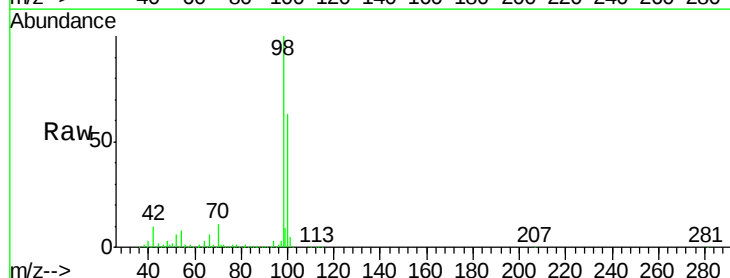


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

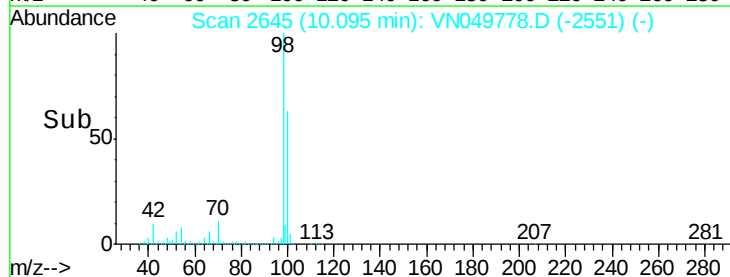
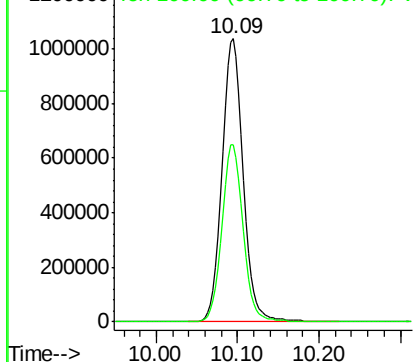


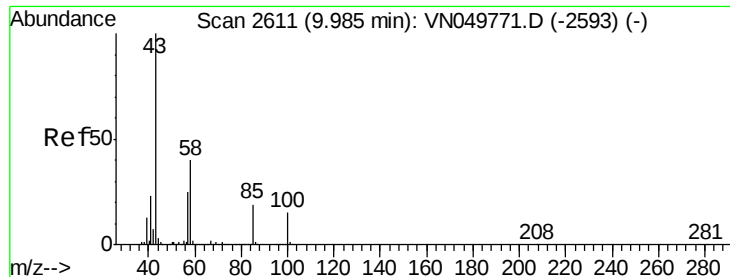
#50
Toluene-d8
Concen: 43.511 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Tgt Ion: 98 Resp: 1908933
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



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

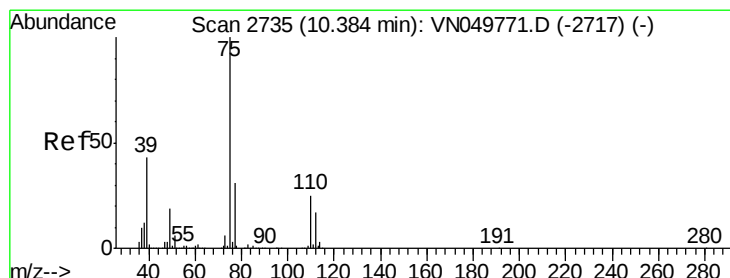
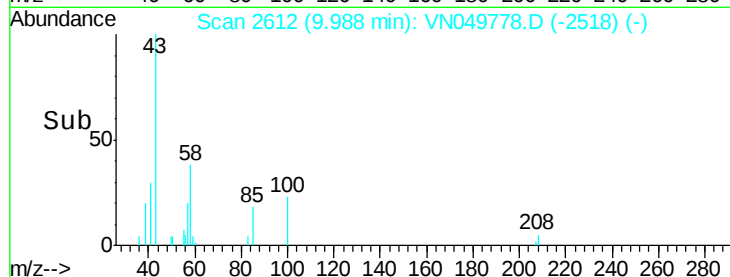
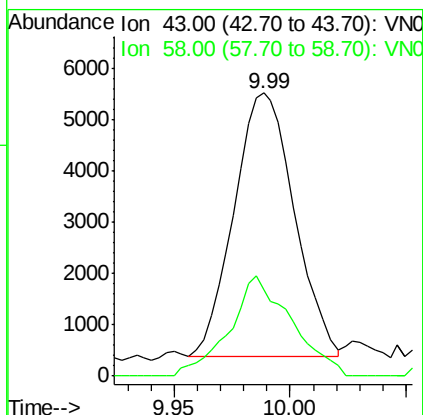
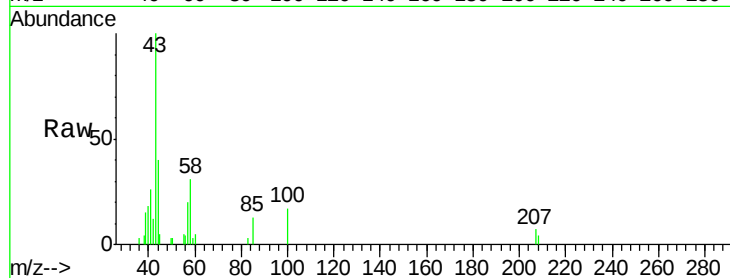




#51
 4-Methyl-2-Pentanone
 Concen: 0.816 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049778.D
 Acq: 12 Jul 2018 19:19

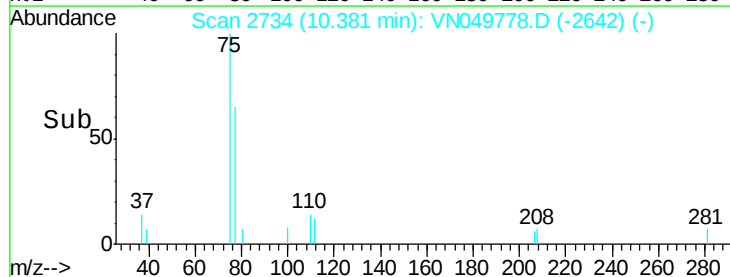
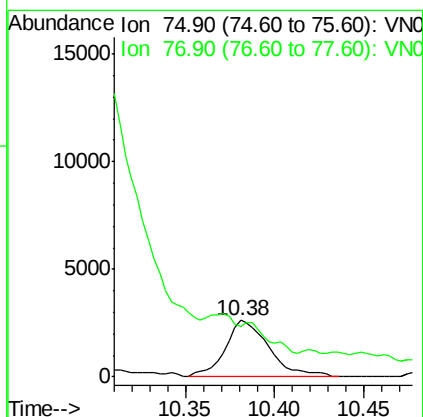
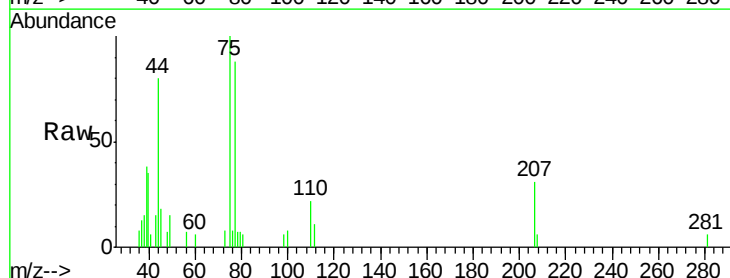
Instrument :
 MSVOA_N
 ClientSampled :

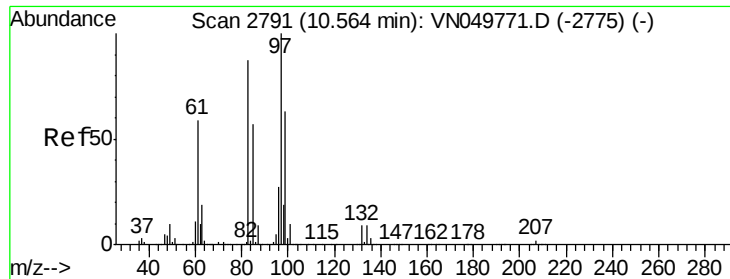
Tot Ion: 43 Resp: 9231
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.8



#53
 t-1,3-Dichloropropene
 Concen: 0.228 ug/l
 RT: 10.38 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN049778.D
 Acq: 12 Jul 2018 19:19

Tgt Ion: 75 Resp: 4527
 Ion Ratio Lower Upper
 75 100
 77 44.0 25.2 37.8#

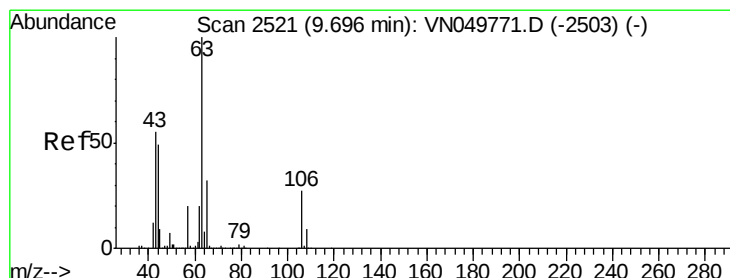
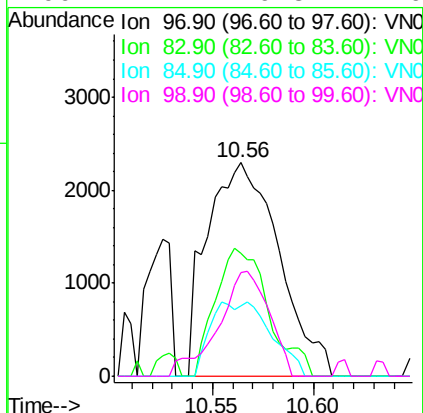
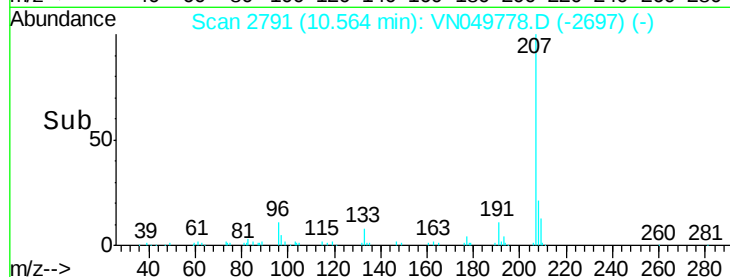
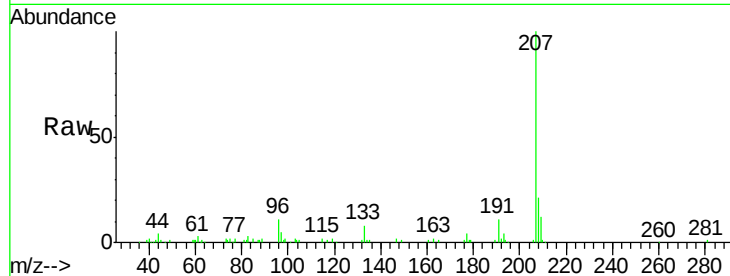




#55
 1,1,2-Trichloroethane
 Concen: Below Cal
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049778.D
 Acq: 12 Jul 2018 19:19

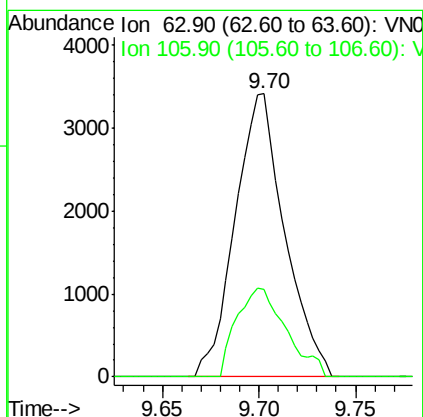
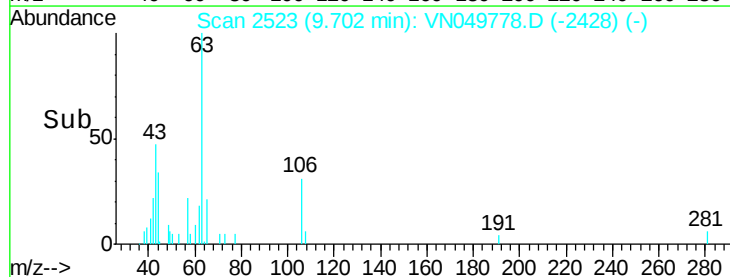
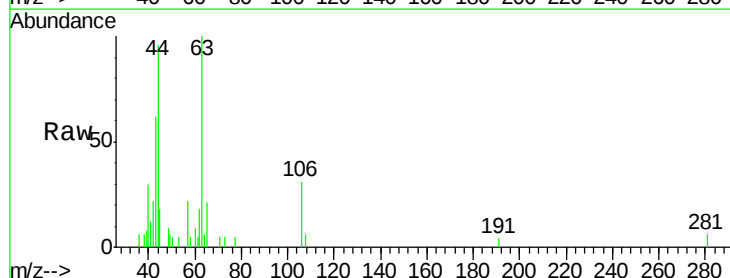
Instrument :
 MSVOA_N
 ClientSampleId :

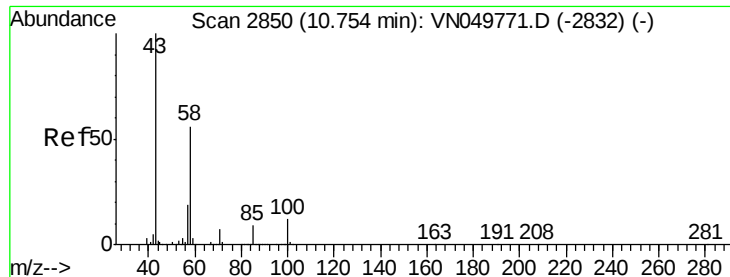
Tot Ion: 97 Resp: 5693
 Ion Ratio Lower Upper
 97 100
 83 57.4 69.0 103.6#
 85 33.0 44.9 67.3#
 99 41.7 49.8 74.6#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.804 ug/l
 RT: 9.70 min Scan# 2523
 Delta R.T. 0.01 min
 Lab File: VN049778.D
 Acq: 12 Jul 2018 19:19

Tgt Ion: 63 Resp: 6103
 Ion Ratio Lower Upper
 63 100
 106 31.2 21.8 32.8





#59

2-Hexanone

Concen: 0.930 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

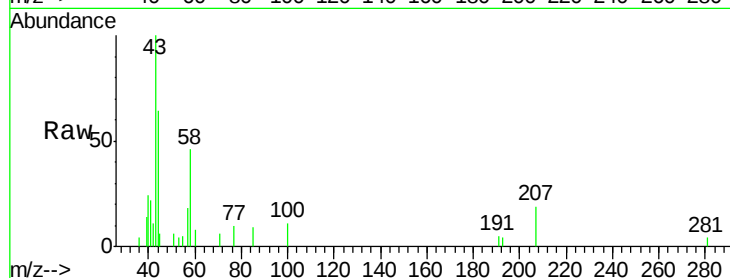
ClientSampled :

Tot Ion: 43 Resp: 6997

Ion Ratio Lower Upper

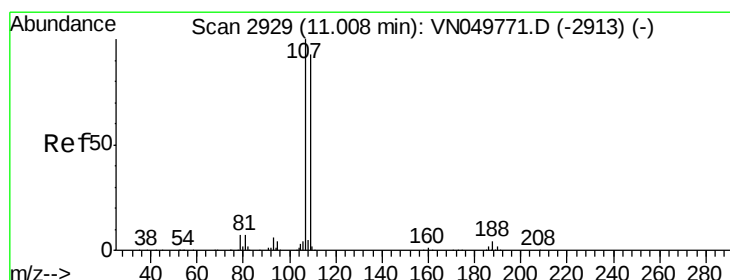
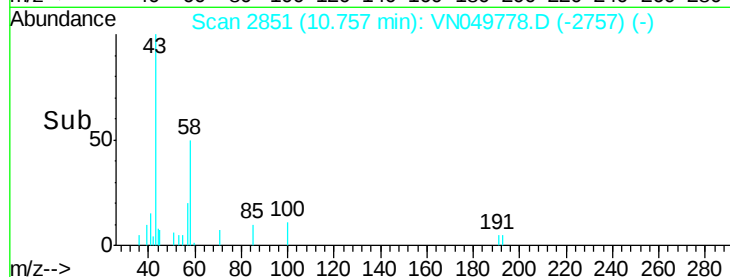
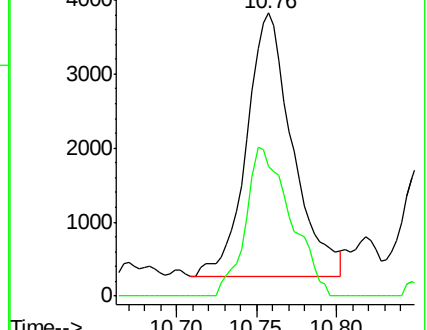
43 100

58 55.2 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-2832) (-)

Ion 58.00 (57.70 to 58.70): VN049771.D (-2832) (-)



#61

1,2-Dibromoethane

Concen: 0.200 ug/l

RT: 11.01 min Scan# 2930

Delta R.T. 0.00 min

Lab File: VN049778.D

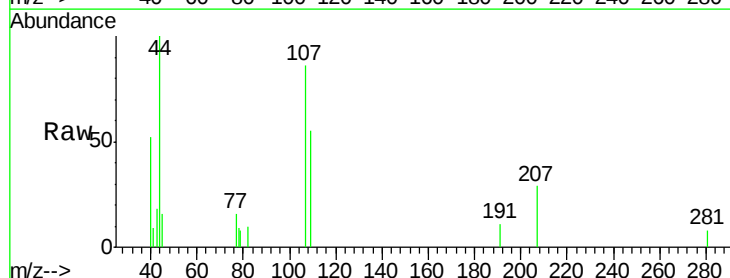
Acq: 12 Jul 2018 19:19

Tgt Ion: 107 Resp: 2554

Ion Ratio Lower Upper

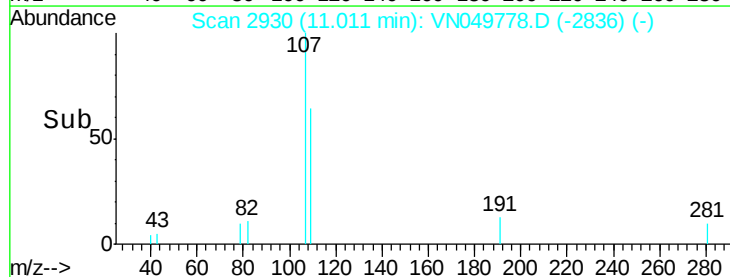
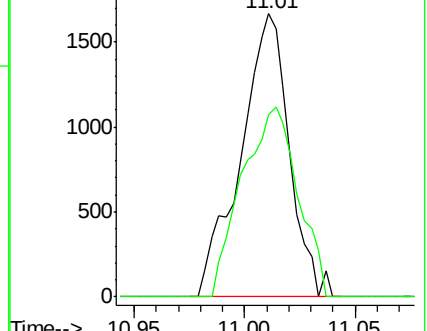
107 100

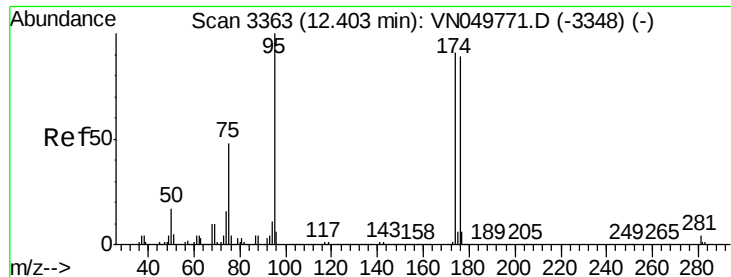
109 76.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): VN049771.D (-2913) (-)

Ion 108.80 (108.50 to 109.50): VN049771.D (-2913) (-)





#62

4-Bromofluorobenzene

Concen: 37.072 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

ClientSampled :

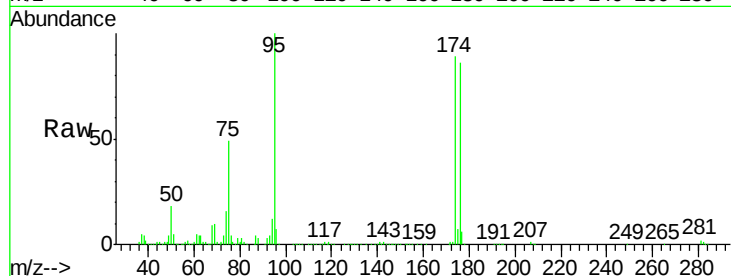
Tot Ion: 95 Resp: 580903

Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.6

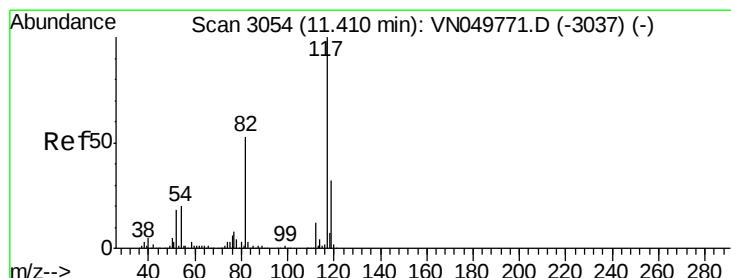
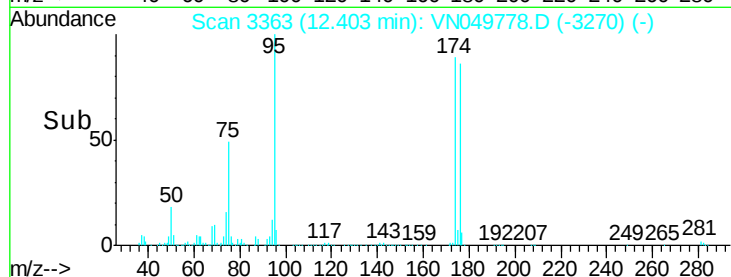
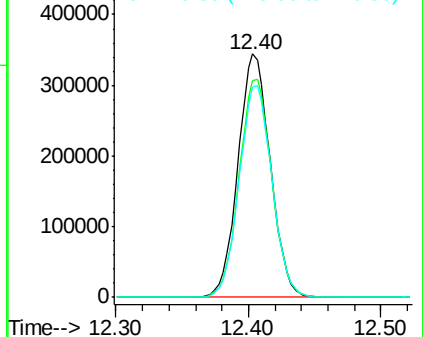
176 88.1 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049778.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049778.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049778.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

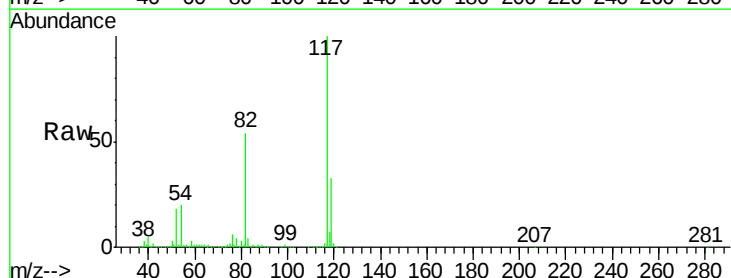
Tgt Ion: 117 Resp: 1458559

Ion Ratio Lower Upper

117 100

82 53.6 41.9 62.9

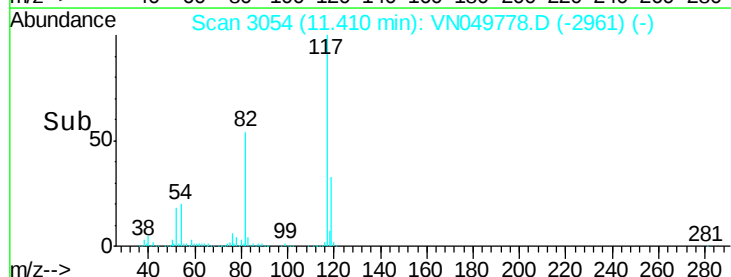
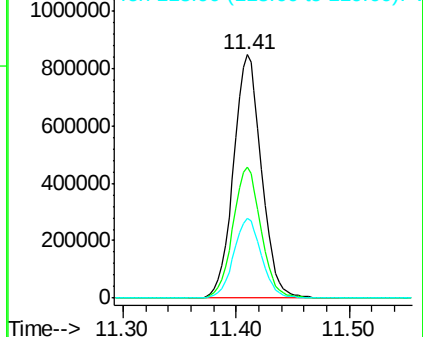
119 32.5 25.4 38.2

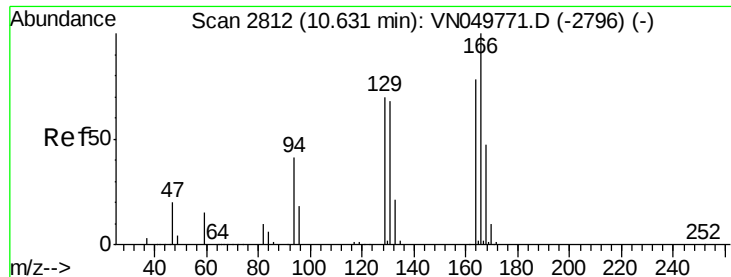


Abundance Ion 116.90 (116.60 to 117.60): VN049778.D (-3037) (-)

Ion 82.00 (81.70 to 82.70): VN049778.D (-3037) (-)

Ion 118.90 (118.60 to 119.60): VN049778.D (-3037) (-)





#64

Tetrachloroethene

Concen: 0.229 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 3028

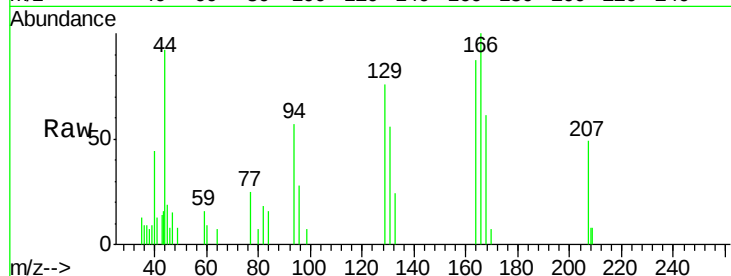
Ion Ratio Lower Upper

164 100

166 114.5 101.8 152.6

129 87.3 72.8 109.2

131 64.4 70.0 105.0#

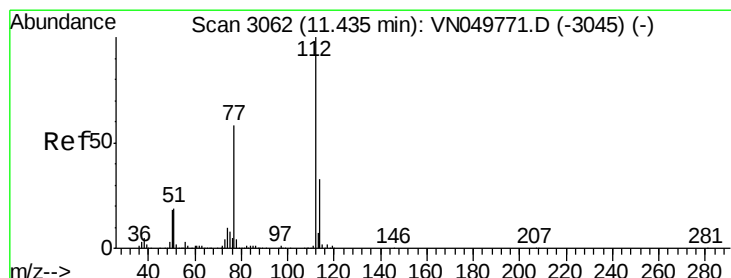
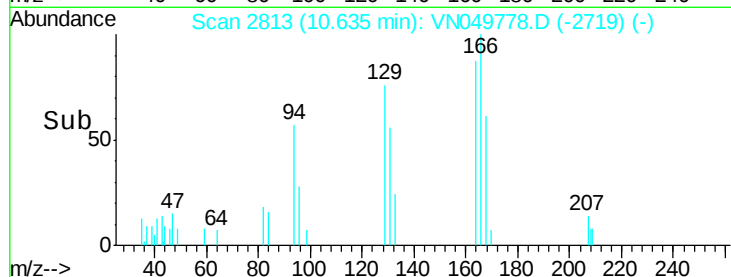
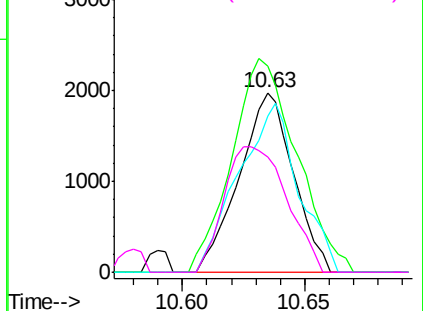


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.236 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049778.D

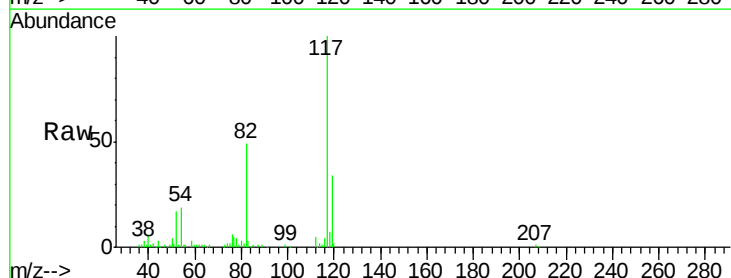
Acq: 12 Jul 2018 19:19

Tgt Ion:112 Resp: 8967

Ion Ratio Lower Upper

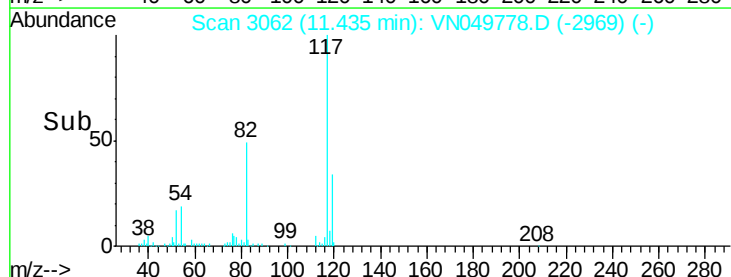
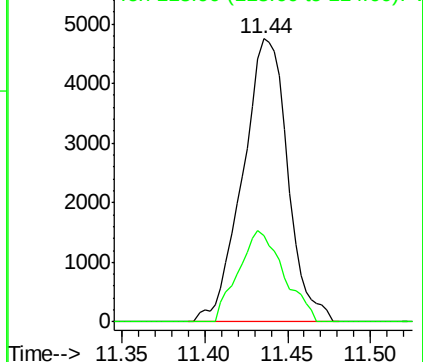
112 100

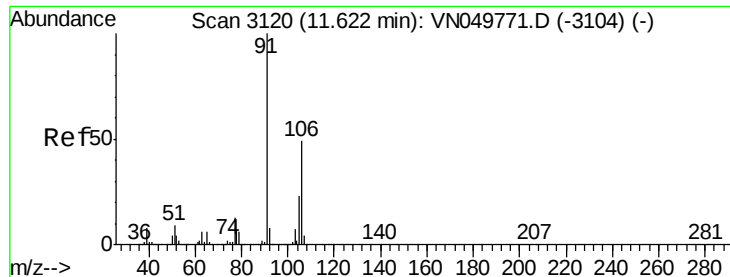
114 30.4 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#68

m/p-Xvlenes

Concen: 0.388 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

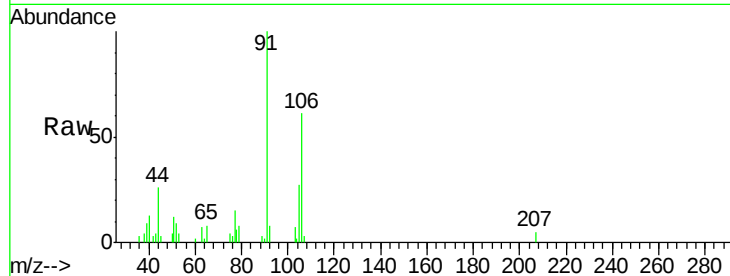
ClientSampleId :

Tot Ion:106 Resp: 9051

Ion Ratio Lower Upper

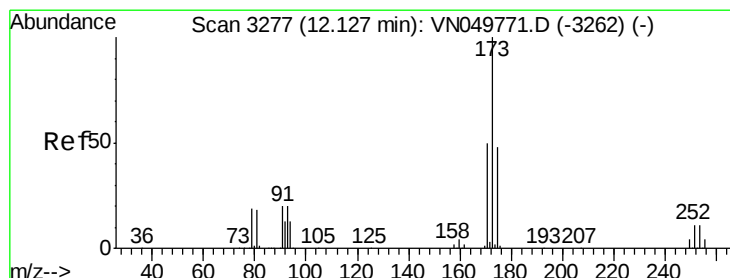
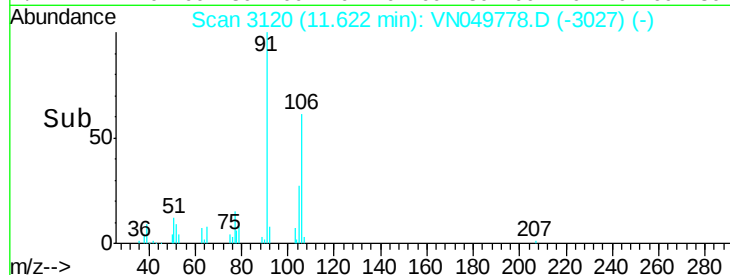
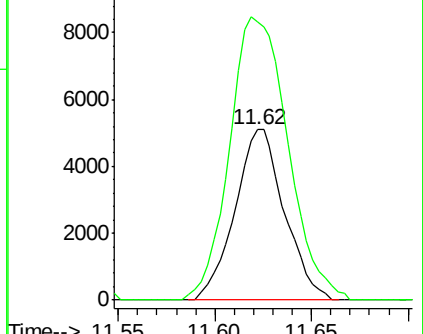
106 100

91 196.3 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.205 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

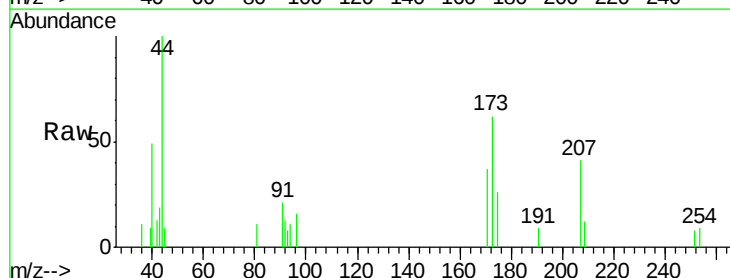
Tgt Ion:173 Resp: 1977

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.8#

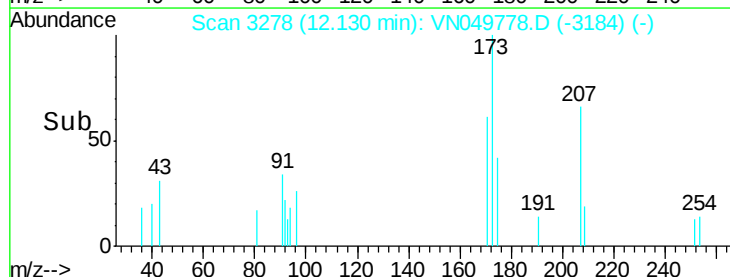
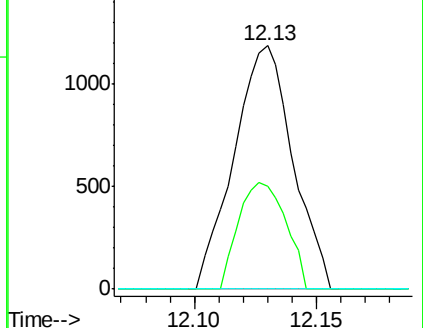
254 0.0 0.2 0.2#

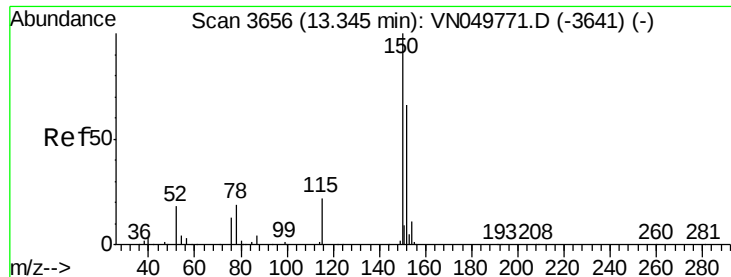


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



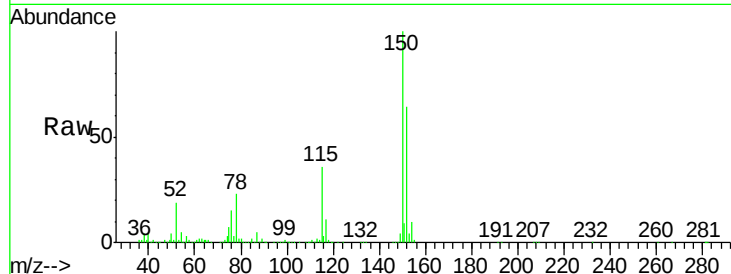


#72

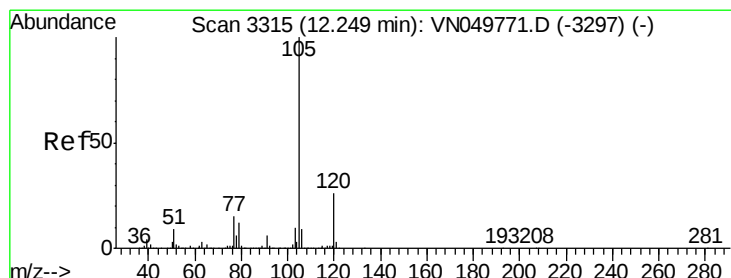
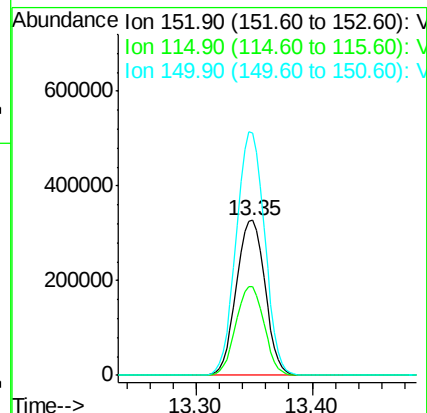
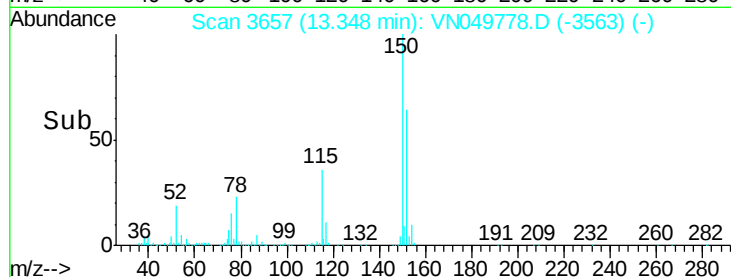
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.1	84.2
150	155.6	0.0	347.6



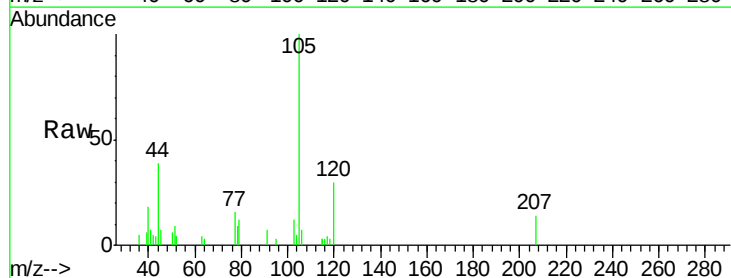
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



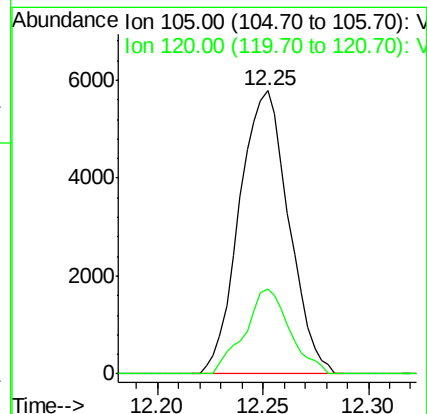
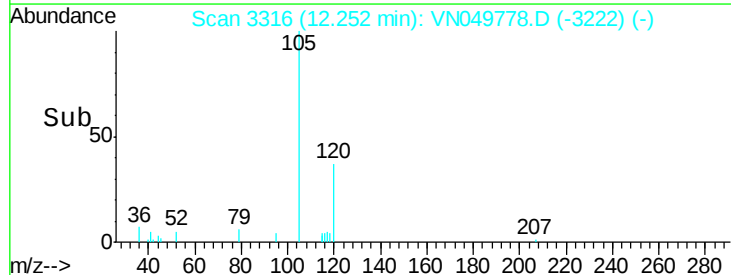
#73

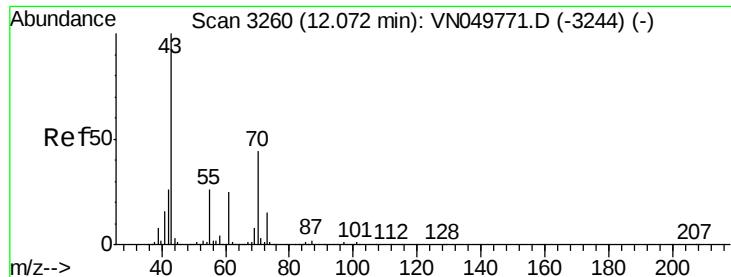
Isopropylbenzene
Concen: 0.201 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049778.D
Acq: 12 Jul 2018 19:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.3	39.8



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





#74

N-amvl acetate

Concen: 0.229 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

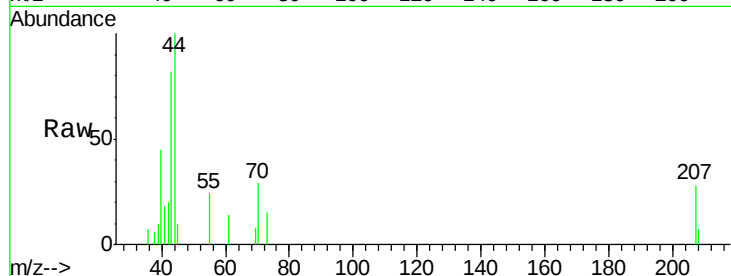
MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2780

Ion Ratio Lower Upper

43	100		
70	39.9	34.8	52.2
55	30.1	20.9	31.3
61	14.0	19.9	29.9

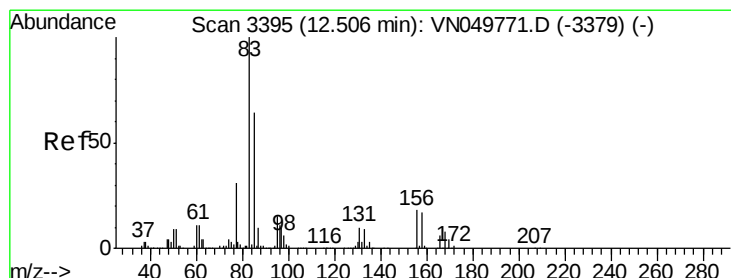
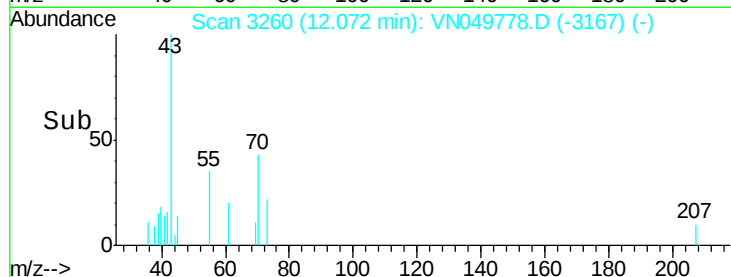
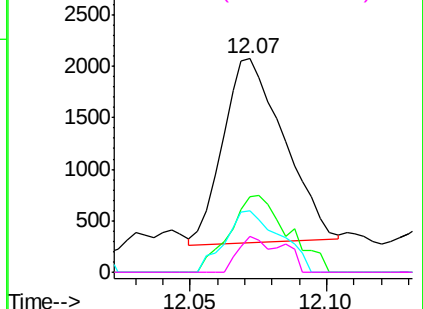


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

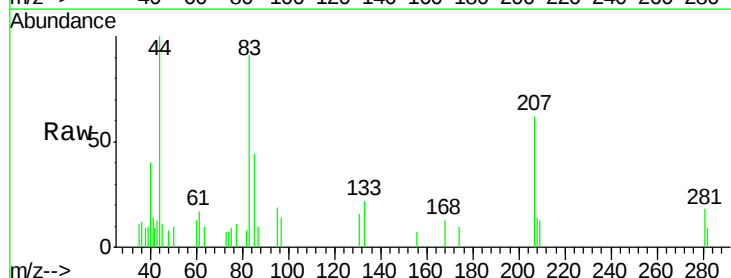
Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Tgt Ion: 83 Resp: 3121

Ion Ratio Lower Upper

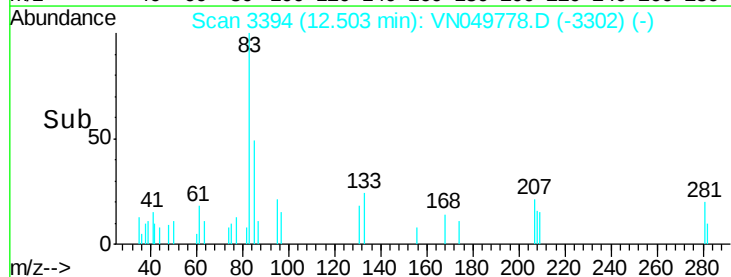
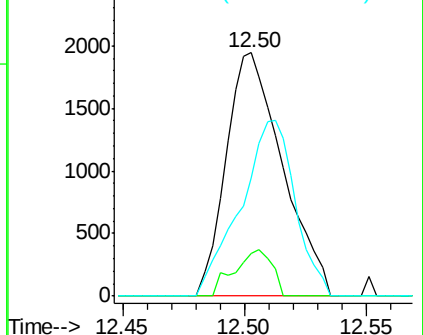
83	100		
131	12.7	5.2	15.6
85	69.9	32.5	97.4

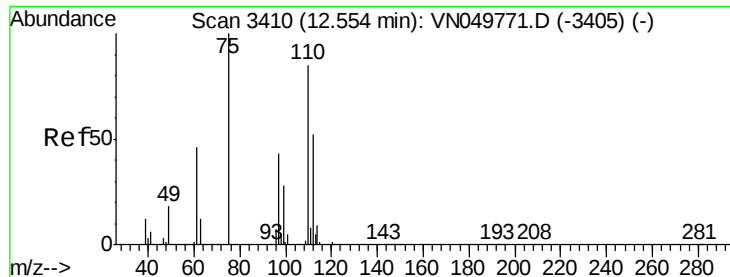


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 28.401 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

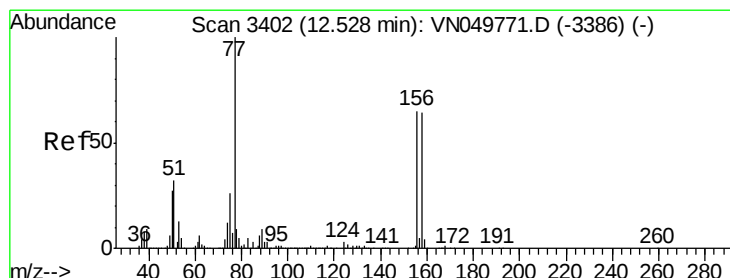
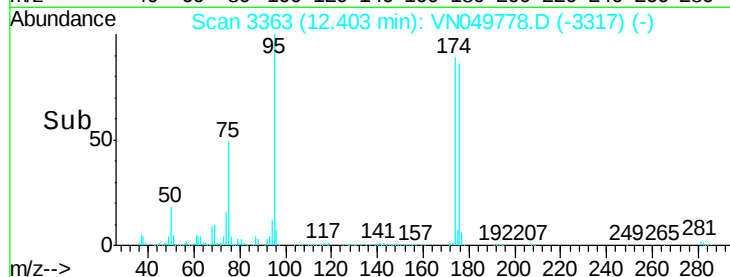
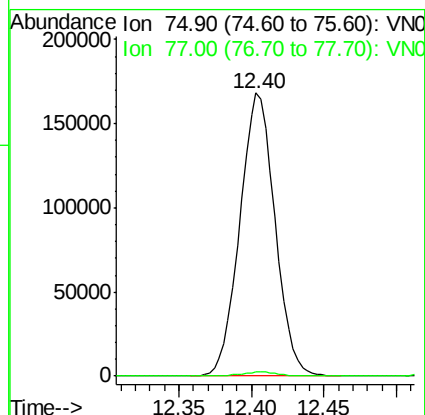
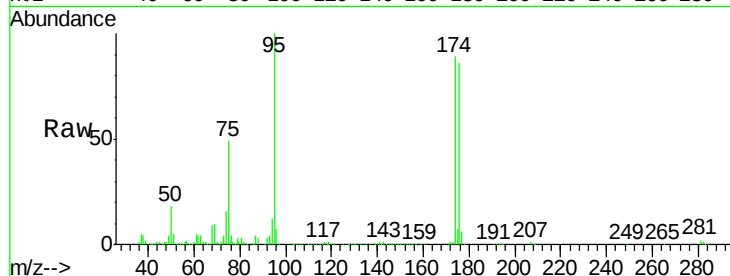
ClientSampled :

Tot Ion: 75 Resp: 283716

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#77

Bromobenzene

Concen: 0.287 ug/l

RT: 12.53 min Scan# 3403

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

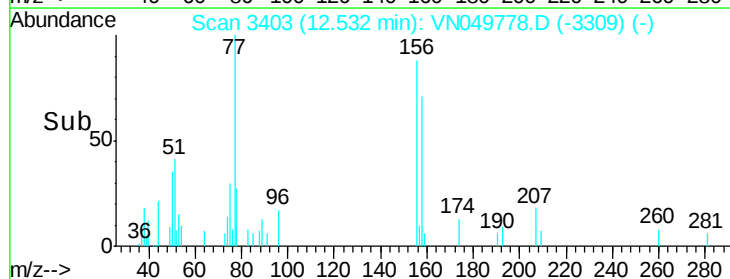
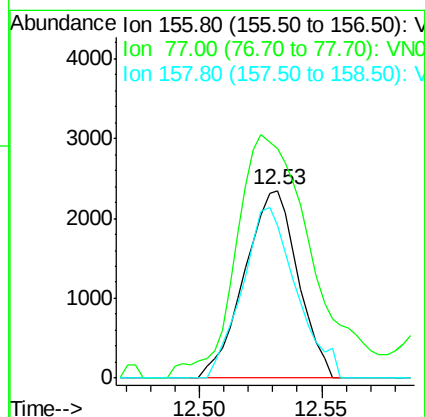
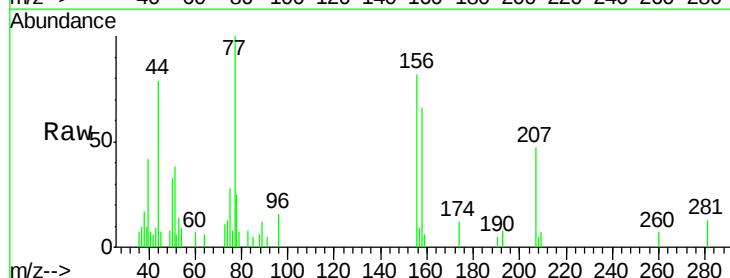
Tgt Ion: 156 Resp: 3559

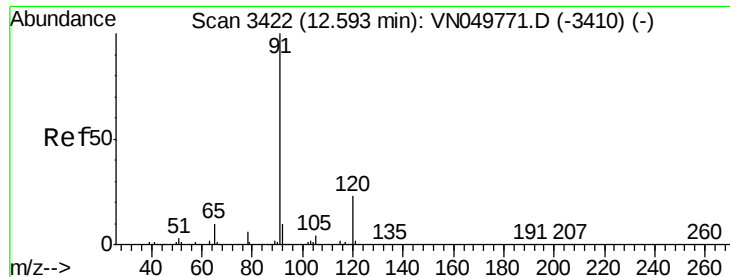
Ion Ratio Lower Upper

156 100

77 185.9 90.2 270.6

158 91.6 49.1 147.3





#78

n-propylbenzene

Concen: 0.235 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

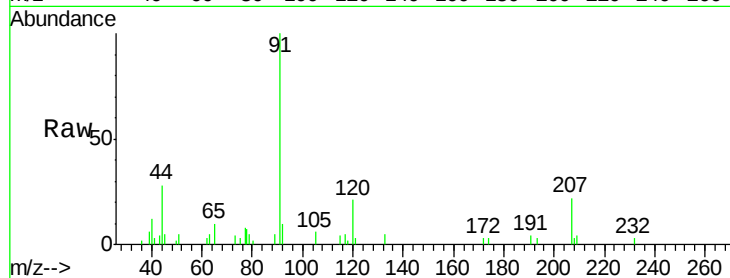
ClientSampled :

Tot Ion: 91 Resp: 12407

Ion Ratio Lower Upper

91 100

120 19.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN049771.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN049771.D (-3410) (-)

12.59

8000

6000

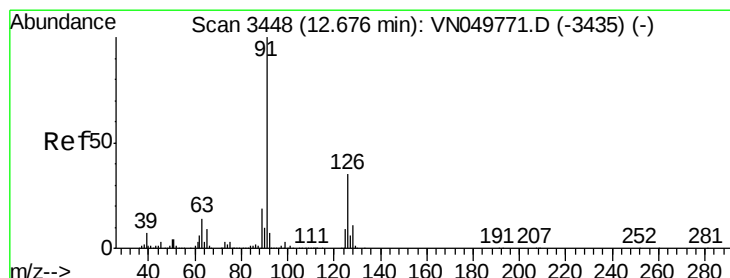
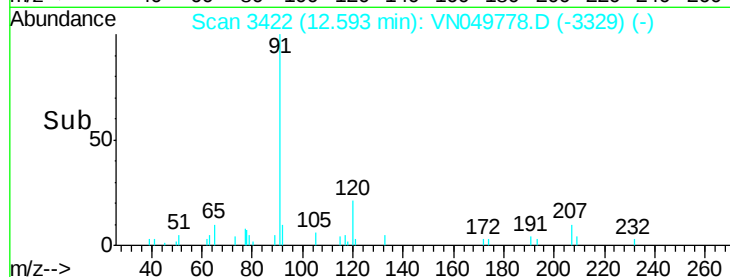
4000

2000

0

Time-->

12.55 12.60 12.65



#79

2-Chlorotoluene

Concen: 0.220 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN049778.D

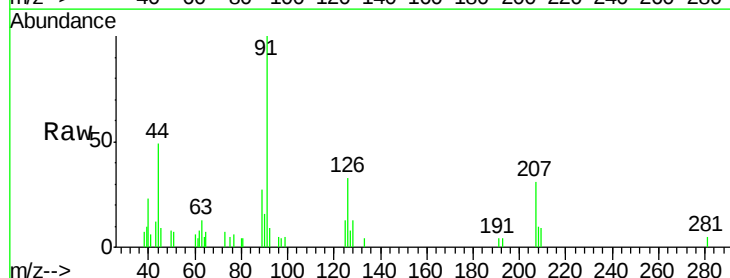
Acq: 12 Jul 2018 19:19

Tgt Ion: 91 Resp: 7108

Ion Ratio Lower Upper

91 100

126 36.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049771.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049771.D (-3435) (-)

12.67

5000

4000

3000

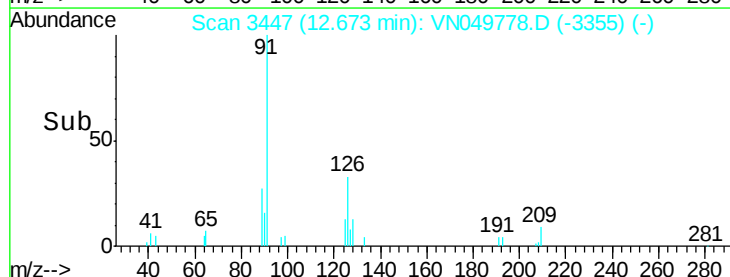
2000

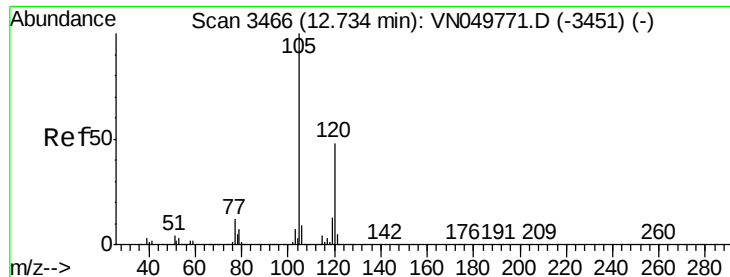
1000

0

Time-->

12.65 12.70





#80

1,3,5-Trimethylbenzene

Concen: 0.200 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

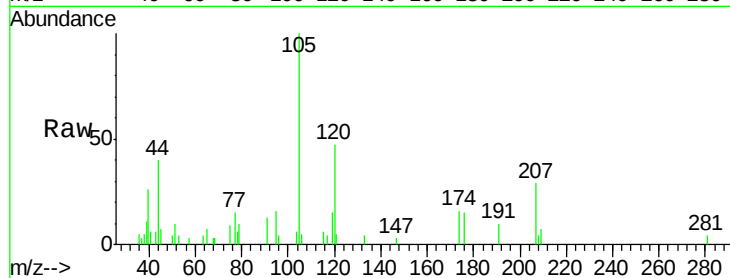
ClientSampled :

Tot Ion:105 Resp: 7436

Ion Ratio Lower Upper

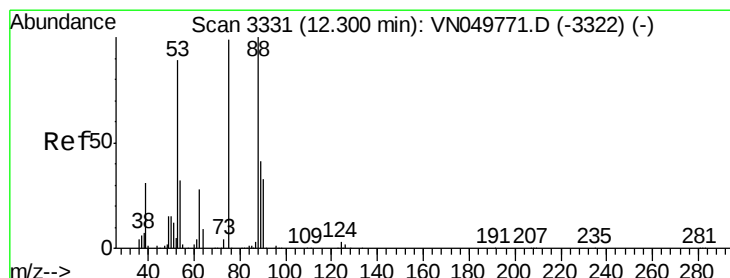
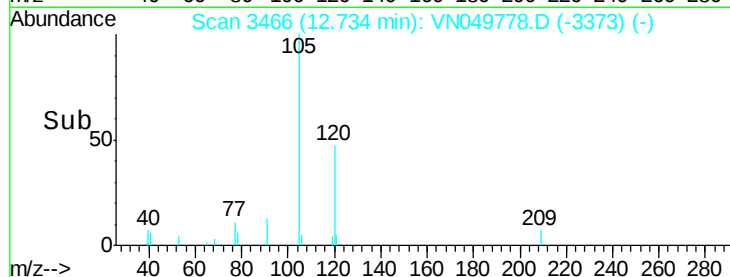
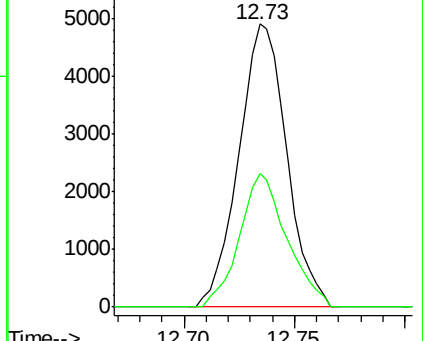
105 100

120 46.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 91.716 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

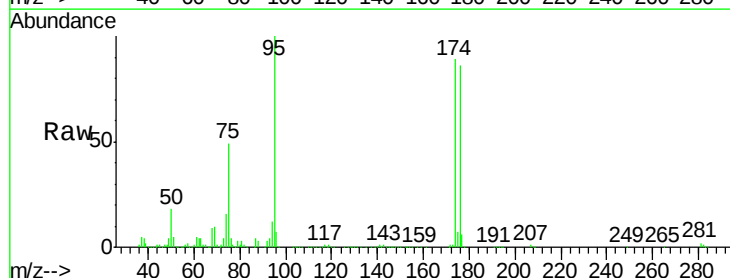
Tgt Ion: 75 Resp: 283716

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

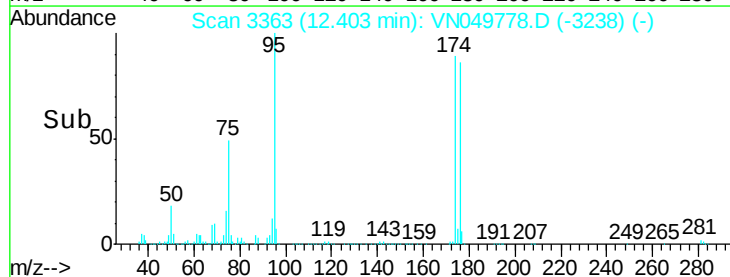
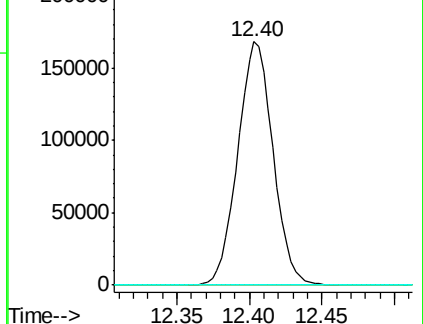
89 0.1 35.9 53.9#

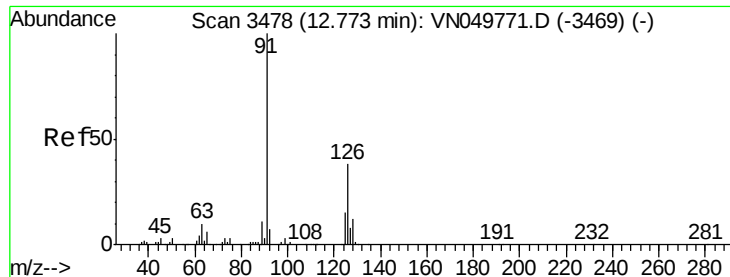


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.267 ug/l

RT: 12.78 min Scan# 3480

Delta R.T. 0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

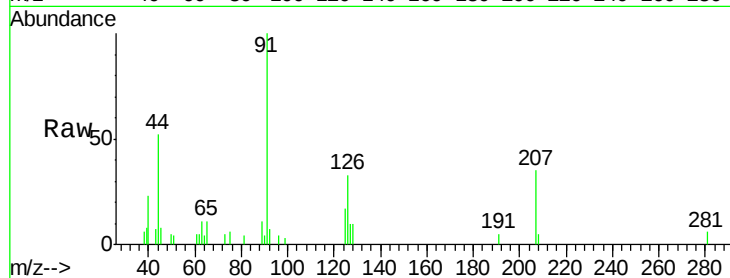
ClientSampled :

Tot Ion: 91 Resp: 8533

Ion Ratio Lower Upper

91 100

126 32.2 17.2 51.6

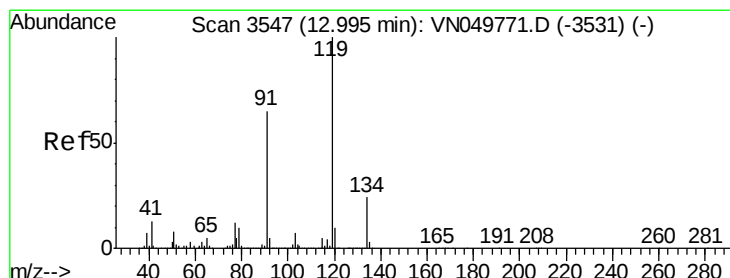
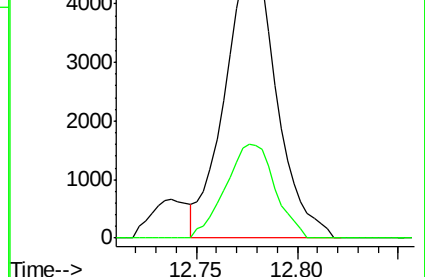
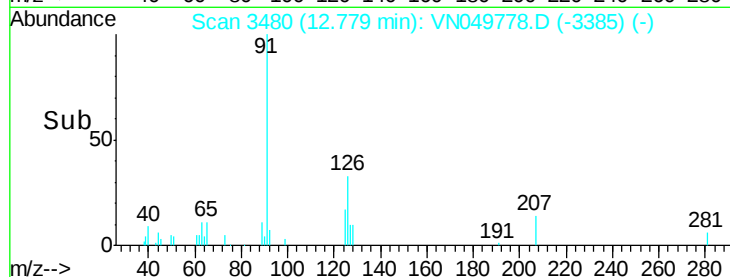


Abundance Ion 91.00 (90.70 to 91.70): VN049771.D (-3469) (-)

Ion 125.90 (125.60 to 126.60): VN049771.D (-3469) (-)

12.78

Time-->



#83

tert-Butylbenzene

Concen: 0.201 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

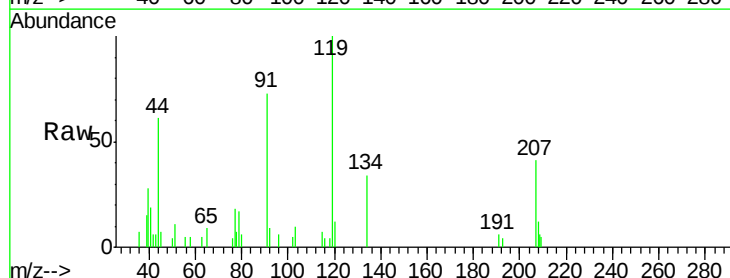
Tgt Ion: 119 Resp: 6673

Ion Ratio Lower Upper

119 100

91 62.9 32.0 96.2

134 25.3 12.8 38.4



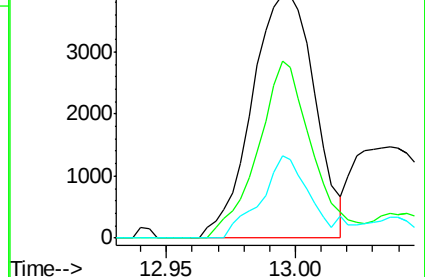
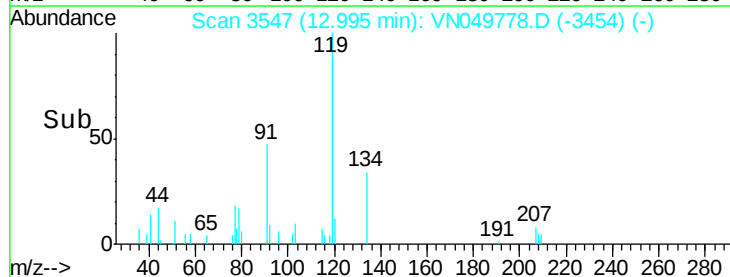
Abundance Ion 119.00 (118.70 to 119.70): VN049771.D (-3531) (-)

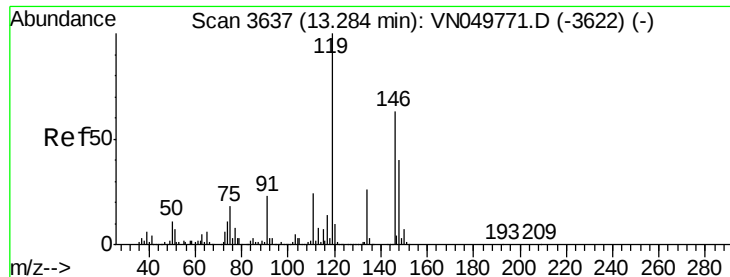
Ion 91.00 (90.70 to 91.70): VN049771.D (-3531) (-)

Ion 134.00 (133.70 to 134.70): VN049771.D (-3531) (-)

12.99

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.270 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

ClientSampled :

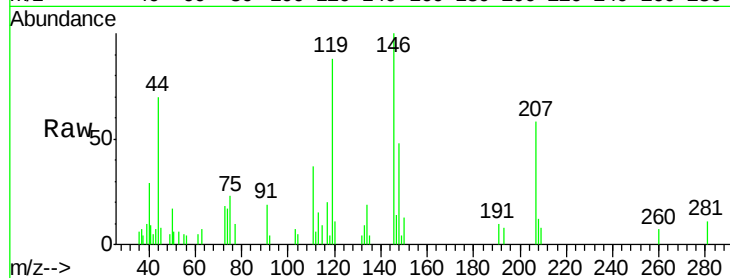
Tot Ion:146 Resp: 5809

Ion Ratio Lower Upper

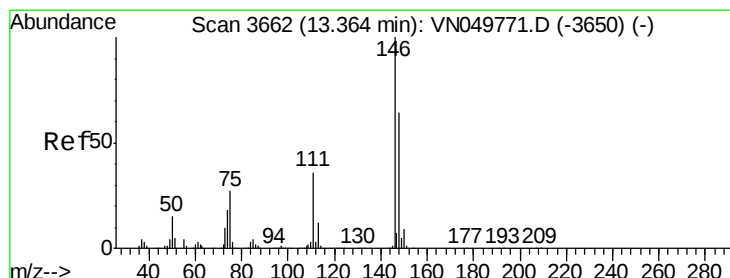
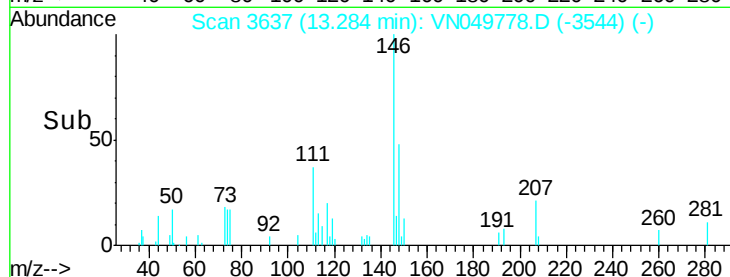
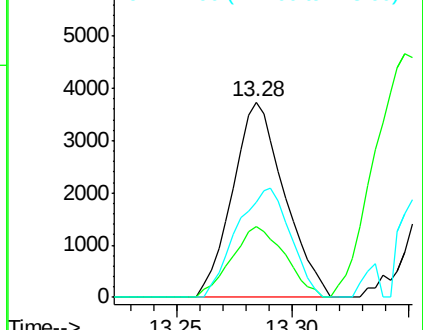
146 100

111 37.2 19.0 57.0

148 58.0 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.278 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.08 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

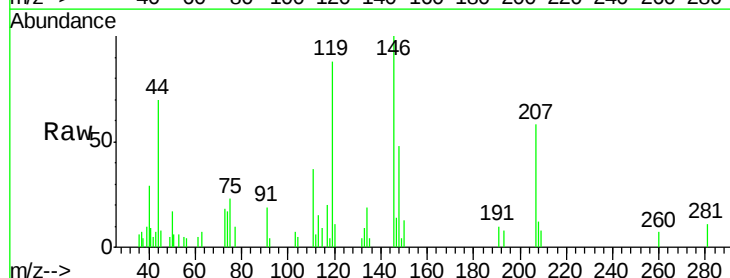
Tgt Ion:146 Resp: 5809

Ion Ratio Lower Upper

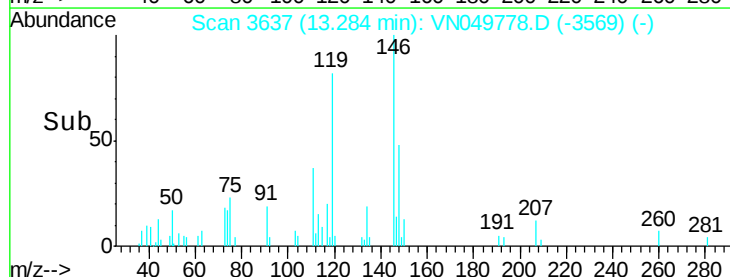
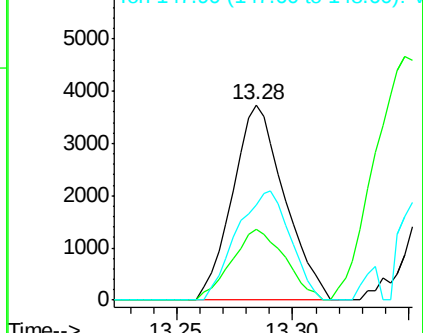
146 100

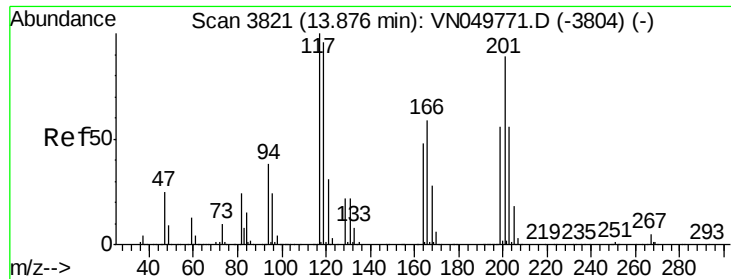
111 37.2 18.9 56.5

148 58.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

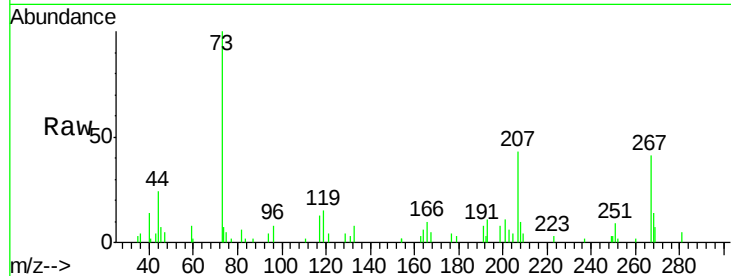
ClientSampleId :

Tot Ion:117 Resp: 1786

Ion Ratio Lower Upper

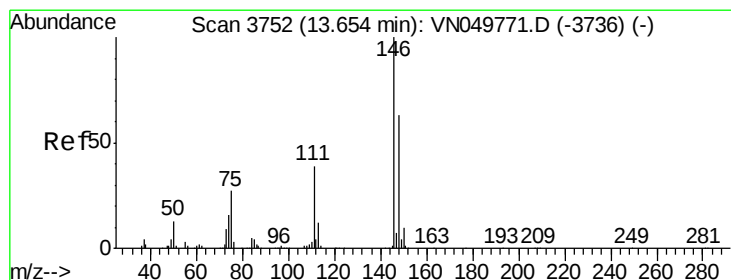
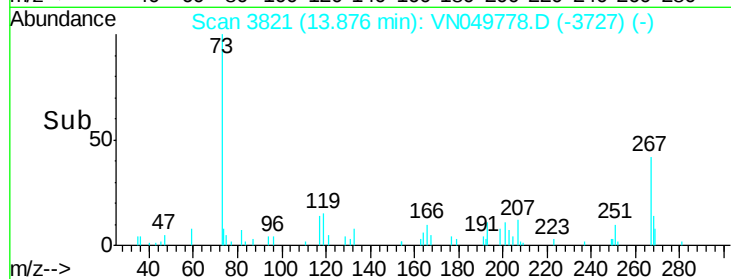
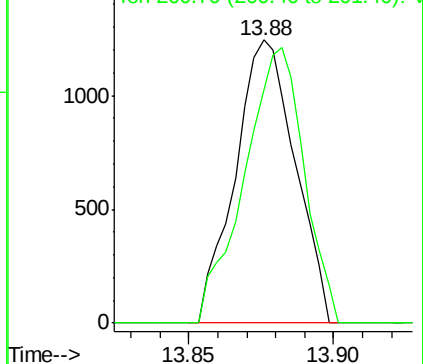
117 100

201 97.0 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.264 ug/l

RT: 13.66 min Scan# 3754

Delta R.T. 0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

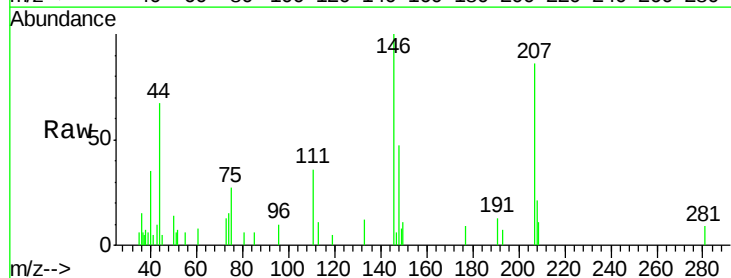
Tgt Ion:146 Resp: 5545

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

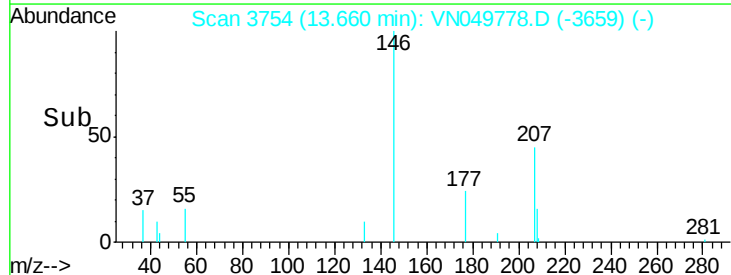
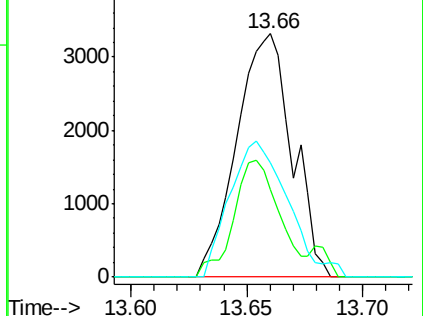
148 58.4 32.0 96.2

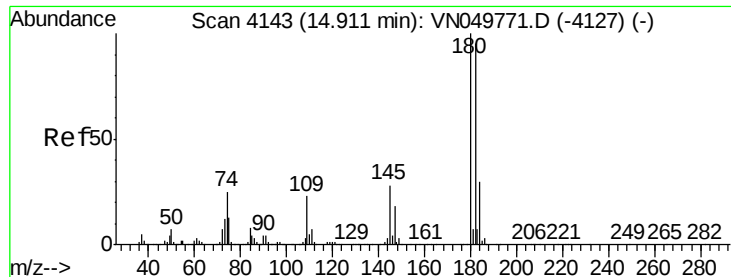


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

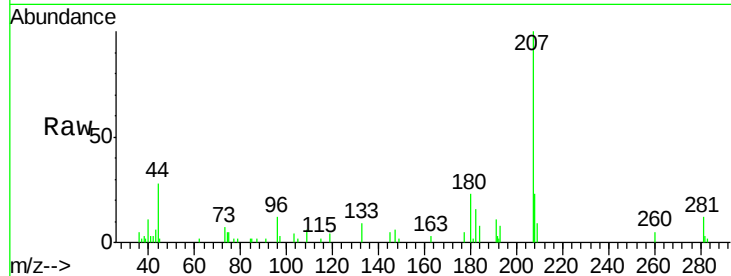




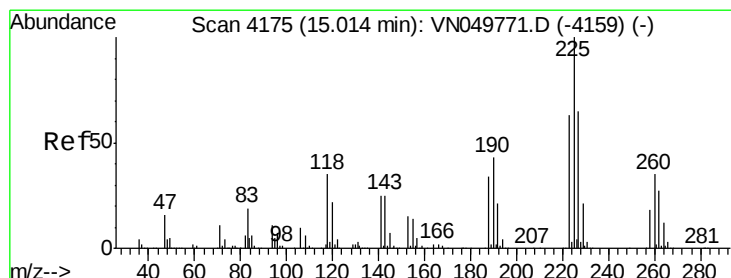
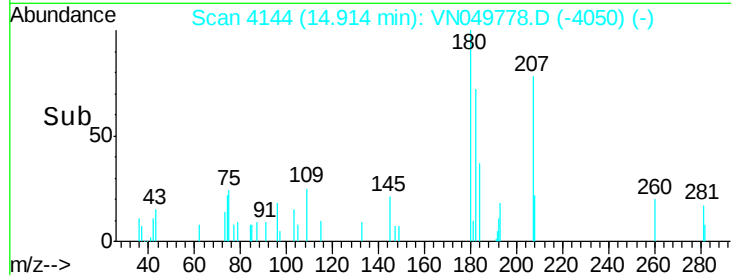
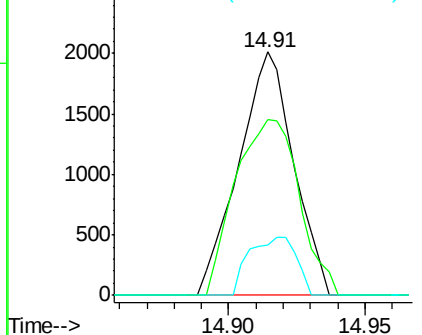
#93
 1,2,4-Trichlorobenzene
 Concen: 3.119 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049778.D
 Acq: 12 Jul 2018 19:19

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 2804
 Ion Ratio Lower Upper
 180 100
 182 84.6 47.3 141.9
 145 20.5 14.4 43.0

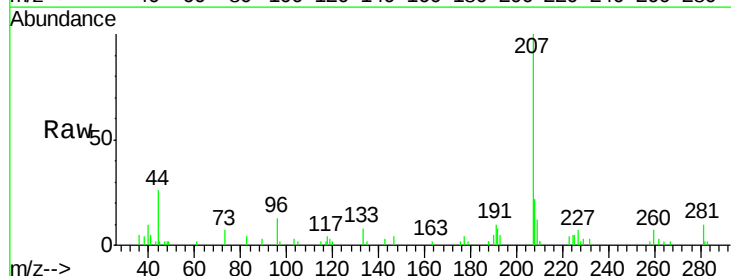


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

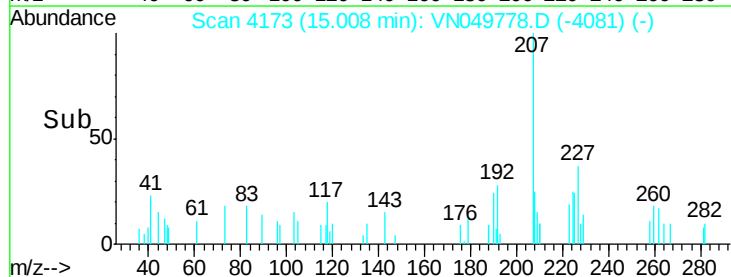
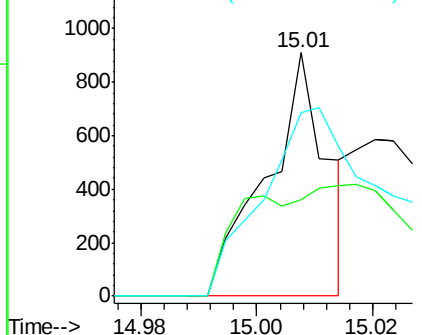


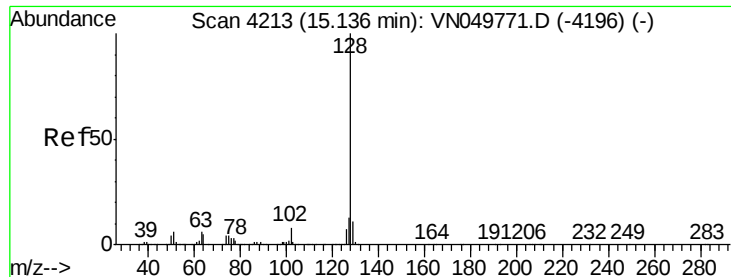
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4173
 Delta R.T. -0.01 min
 Lab File: VN049778.D
 Acq: 12 Jul 2018 19:19

Tgt Ion:225 Resp: 656
 Ion Ratio Lower Upper
 225 100
 223 38.9 30.9 92.7
 227 168.3 31.8 95.4#



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





#95

Naphthalene

Concen: 4.220 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

Instrument :

MSVOA_N

ClientSampled :

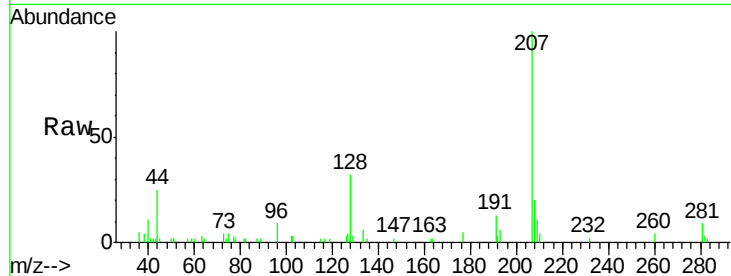
Tot Ion:128 Resp: 5259

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

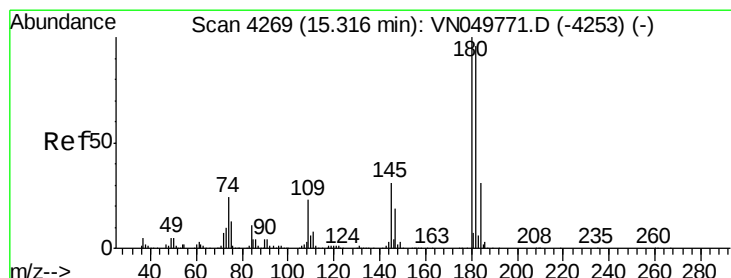
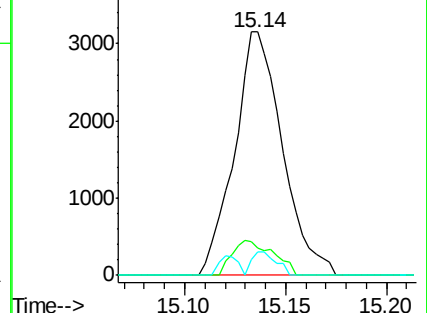
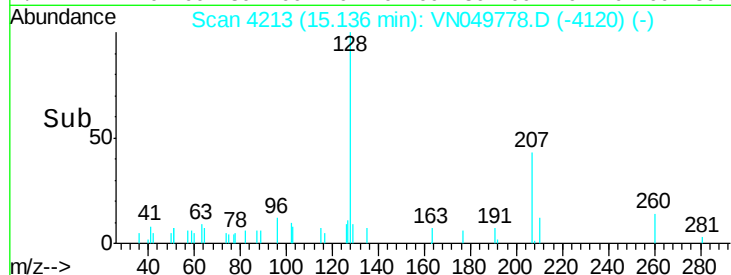
129 5.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.271 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.01 min

Lab File: VN049778.D

Acq: 12 Jul 2018 19:19

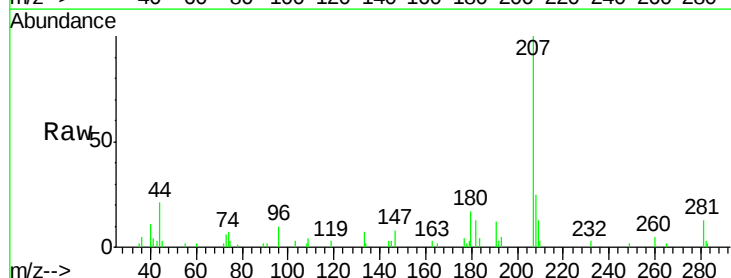
Tgt Ion:180 Resp: 2756

Ion Ratio Lower Upper

180 100

182 90.4 47.4 142.2

145 27.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

