

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049269.D
 Acq On : 15 Jun 2018 19:42
 Operator : MD\SY
 Sample : VN0616WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 01:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1450822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2191890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1980121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	938533	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	973670	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
35) Dibromofluoromethane	7.59	113	890537	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
50) Toluene-d8	10.09	98	3349881	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	1094688	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	315747	18.91	ug/l	100
3) Chloromethane	2.06	50	414053	19.20	ug/l	99
4) Vinyl Chloride	2.18	62	439906	19.20	ug/l	99
5) Bromomethane	2.57	94	232293	19.28	ug/l	98
6) Chloroethane	2.70	64	269041	19.69	ug/l	98
7) Trichlorofluoromethane	3.01	101	557073	19.49	ug/l	99
8) Diethyl Ether	3.41	74	201339	20.17	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	352933	19.46	ug/l	91
10) Methyl Iodide	3.95	142	327192	17.33	ug/l	92
11) Tert butyl alcohol	4.80	59	117492	104.03	ug/l	98
12) 1,1-Dichloroethene	3.73	96	323439	19.44	ug/l	90
13) Acrolein	3.61	56	118717	100.23	ug/l	99
14) Allyl chloride	4.32	41	527551	20.08	ug/l	89
15) Acrylonitrile	4.99	53	578375	102.41	ug/l	97
16) Acetone	3.82	43	453776	97.12	ug/l	92
17) Carbon Disulfide	4.05	76	975352	18.71	ug/l	99
18) Methyl Acetate	4.33	43	280977	19.72	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	881763	20.79	ug/l	98
20) Methylene Chloride	4.55	84	376170	19.28	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	342139	19.43	ug/l	95
22) Diisopropyl ether	5.96	45	1098903	20.95	ug/l	98
23) Vinyl Acetate	5.90	43	3515040	102.80	ug/l	95
24) 1,1-Dichloroethane	5.85	63	671837	20.01	ug/l	99
25) 2-Butanone	6.84	43	626584	99.88	ug/l	96
26) 2,2-Dichloropropane	6.82	77	545617	20.12	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	391152	19.98	ug/l	93
28) Bromochloromethane	7.19	49	304813	20.48	ug/l	# 83
29) Tetrahydrofuran	7.22	42	410671	101.69	ug/l	94
30) Chloroform	7.37	83	669030	20.02	ug/l	99
31) Cyclohexane	7.65	56	582498	20.36	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	578146	20.28	ug/l	96
36) 1,1-Dichloropropene	7.79	75	495009	19.70	ug/l	97
37) Ethyl Acetate	6.93	43	288499	21.12	ug/l	98
38) Carbon Tetrachloride	7.77	117	511720	19.68	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049269.D
 Acq On : 15 Jun 2018 19:42
 Operator : MD\SY
 Sample : VN0616WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 01:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	518593	19.23	ug/l	96
40) Benzene	8.04	78	1523552	19.78	ug/l	99
41) Methacrylonitrile	7.18	41	150889	20.44	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	475013	19.96	ug/l	96
43) Isopropyl Acetate	8.17	43	520012	19.93	ug/l	95
44) Trichloroethene	8.84	130	398187	19.58	ug/l	94
45) 1,2-Dichloropropane	9.12	63	400954	19.88	ug/l	98
46) Dibromomethane	9.21	93	232860	19.91	ug/l	92
47) Bromodichloromethane	9.40	83	507421	19.75	ug/l	97
48) Methyl methacrylate	9.20	41	251356	20.46	ug/l	87
49) 1,4-Dioxane	9.20	88	68436	403.53	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	1383704	101.18	ug/l	94
52) Toluene	10.16	92	932191	20.62	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	478598	19.47	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	575782	19.84	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	337309	20.02	ug/l	97
56) Ethyl methacrylate	10.43	69	392079	20.17	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	548402	19.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	557787	89.98	ug/l	95
59) 2-Hexanone	10.75	43	886320	100.53	ug/l	94
60) Dibromochloromethane	10.90	129	371196	19.74	ug/l	98
61) 1,2-Dibromoethane	11.01	107	310853	19.85	ug/l	99
64) Tetrachloroethene	10.63	164	405111	19.97	ug/l	98
65) Chlorobenzene	11.44	112	1004631	19.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	366809	19.11	ug/l	99
67) Ethyl Benzene	11.51	91	1696456	20.05	ug/l	98
68) m/p-Xylenes	11.62	106	1313463	41.37	ug/l	96
69) o-Xylene	11.95	106	640906	20.96	ug/l	93
70) Styrene	11.97	104	996057	20.64	ug/l	98
71) Bromoform	12.13	173	245492	19.76	ug/l #	99
73) Isopropylbenzene	12.25	105	1688195	20.49	ug/l	99
74) N-amyl acetate	12.07	43	392370	19.44	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	389649	21.72	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	471118	29.42	ug/l #	100
77) Bromobenzene	12.53	156	412251	18.94	ug/l	92
78) n-propylbenzene	12.59	91	1874285	20.71	ug/l	99
79) 2-Chlorotoluene	12.68	91	1144648	19.97	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1358862	20.98	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	97408	19.22	ug/l	93
82) 4-Chlorotoluene	12.78	91	1126062	20.36	ug/l	97
83) tert-Butylbenzene	12.99	119	1153866	20.11	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1354852	21.06	ug/l	99
85) sec-Butylbenzene	13.17	105	1549250	20.28	ug/l	100
86) p-Isopropyltoluene	13.29	119	1293765	20.28	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	702128	19.61	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	686323	19.34	ug/l	99
89) n-Butylbenzene	13.62	91	964320	19.35	ug/l	98
90) Hexachloroethane	13.88	117	261037	20.62	ug/l	92
91) 1,2-Dichlorobenzene	13.66	146	691829	19.70	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54488	18.99	ug/l	87

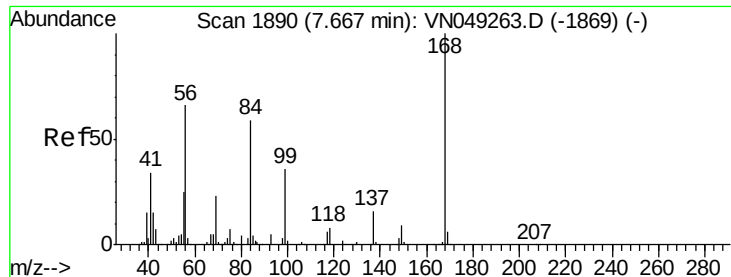
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049269.D
Acq On : 15 Jun 2018 19:42
Operator : MD\SY
Sample : VN0616WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 16 01:23:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	245194	18.53	ug/l	99
94) Hexachlorobutadiene	15.01	225	226049	20.40	ug/l	99
95) Naphthalene	15.14	128	478392	19.56	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	269222	19.38	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

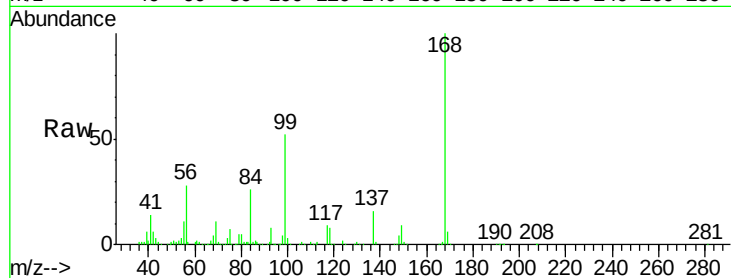
ClientSampleId :

Tot Ion:168 Resp: 1450822

Ion Ratio Lower Upper

168 100

99 50.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

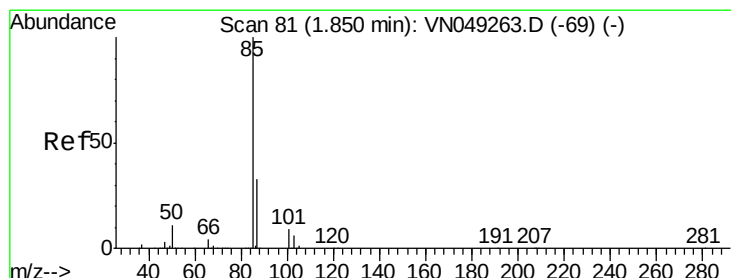
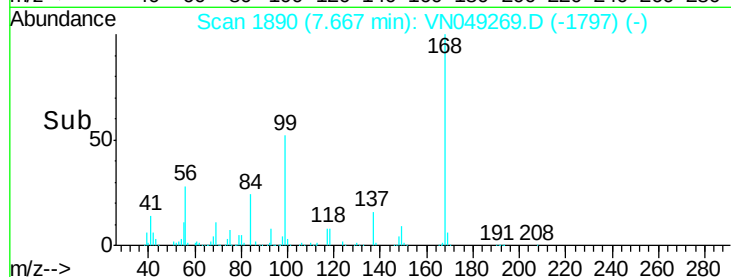
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.91 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049269.D

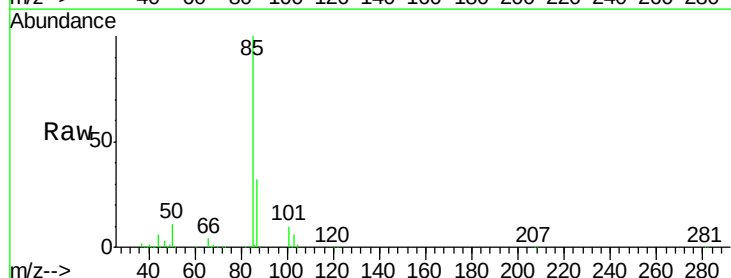
Acq: 15 Jun 2018 19:42

Tgt Ion: 85 Resp: 315747

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

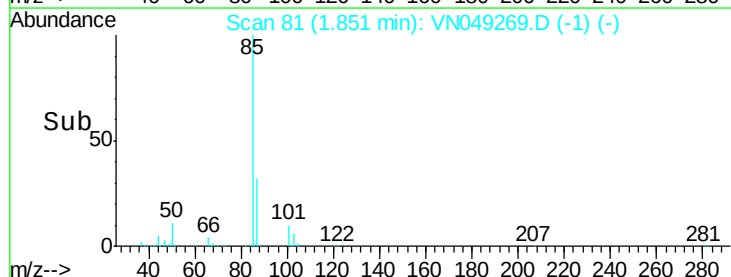
150000

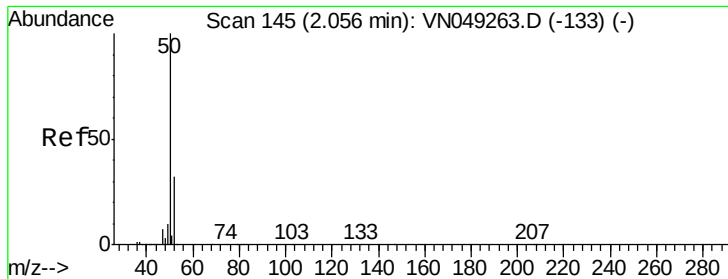
100000

50000

0

Time-->





#3

Chloromethane

Concen: 19.20 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

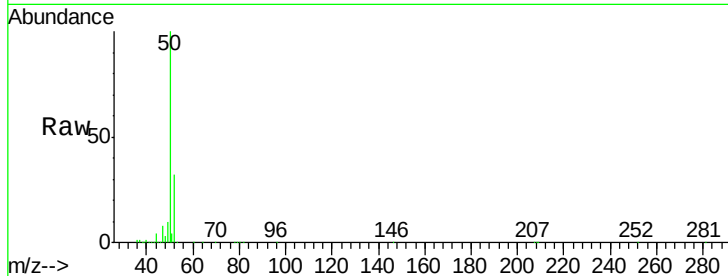
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 414053

Ion Ratio Lower Upper

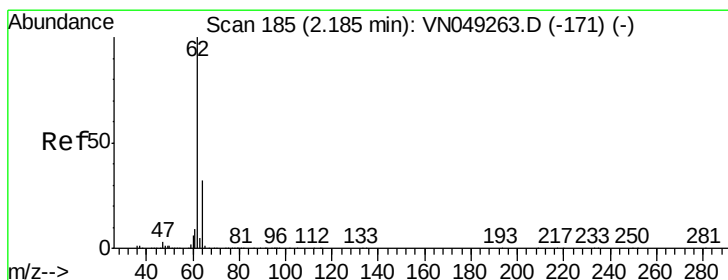
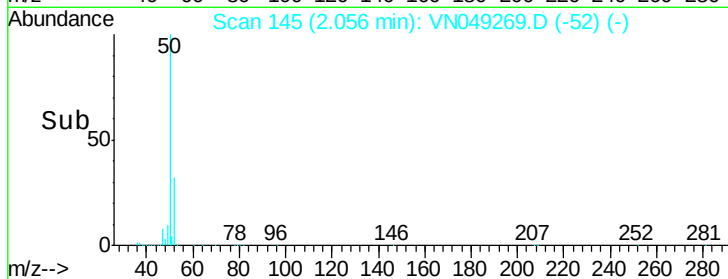
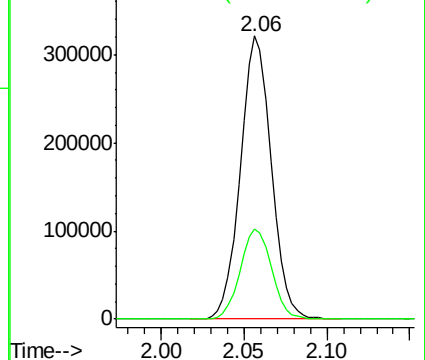
50 100

52 31.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.20 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049269.D

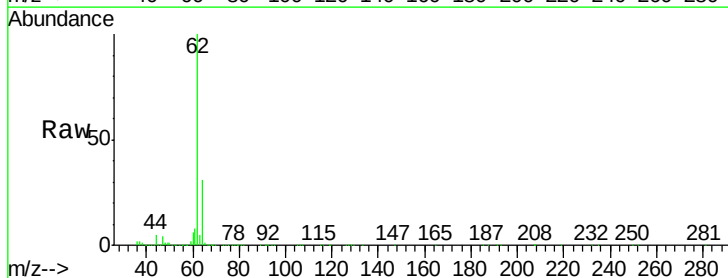
Acq: 15 Jun 2018 19:42

Tgt Ion: 62 Resp: 439906

Ion Ratio Lower Upper

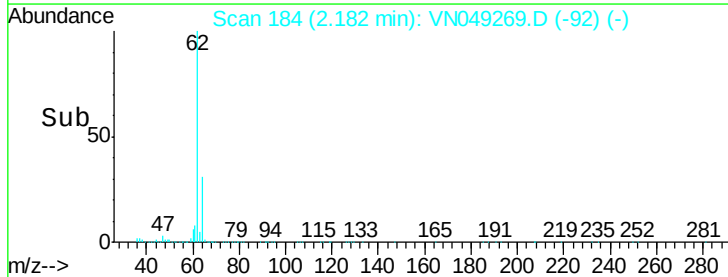
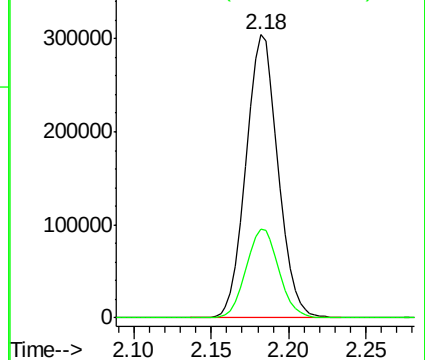
62 100

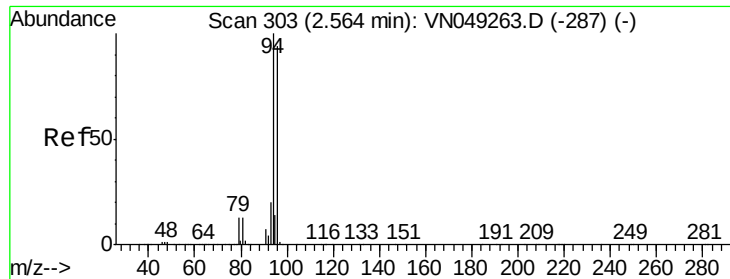
64 31.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.28 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

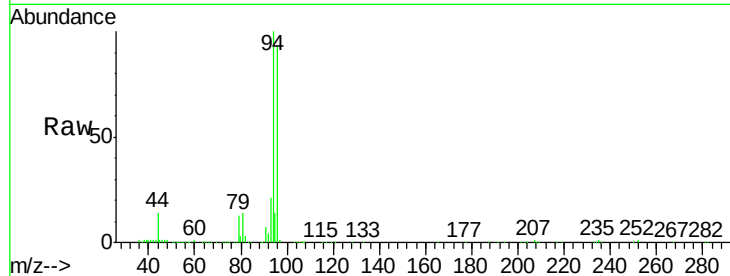
ClientSampled :

Tot Ion: 94 Resp: 232293

Ion Ratio Lower Upper

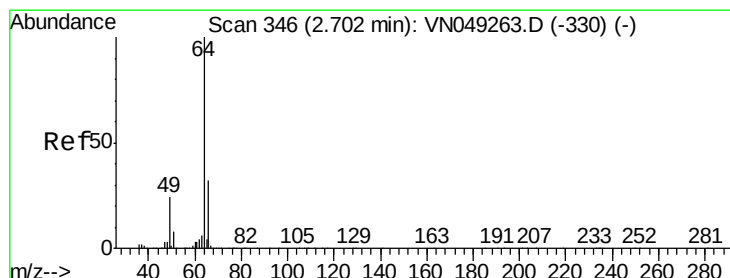
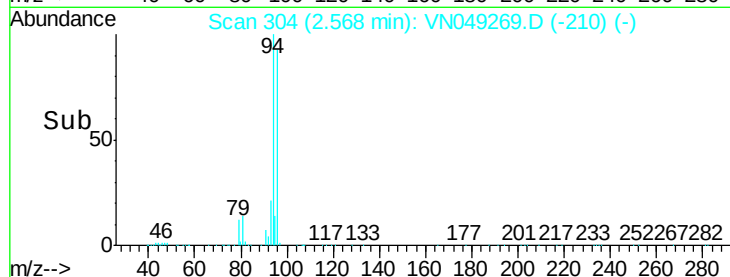
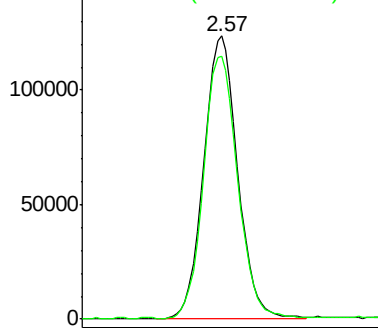
94 100

96 92.6 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.69 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049269.D

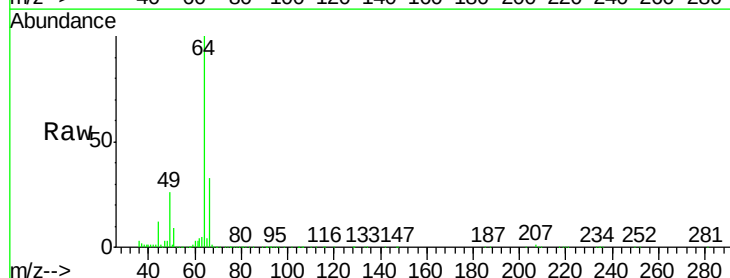
Acq: 15 Jun 2018 19:42

Tgt Ion: 64 Resp: 269041

Ion Ratio Lower Upper

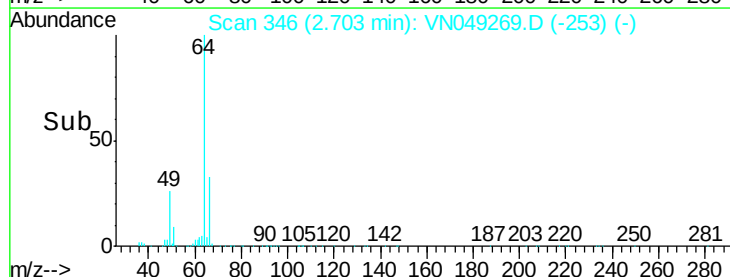
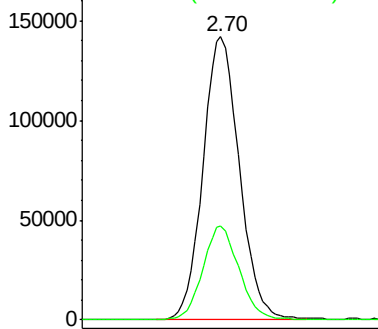
64 100

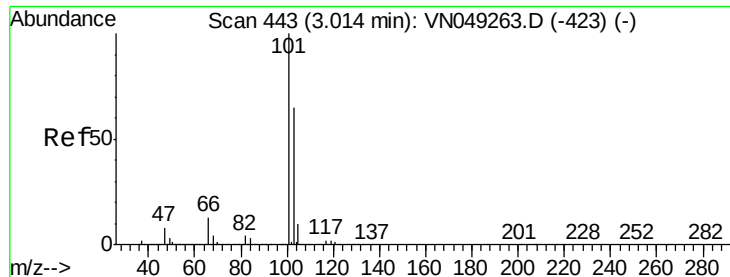
66 33.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



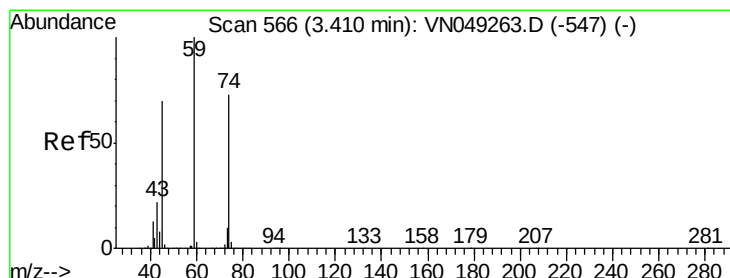
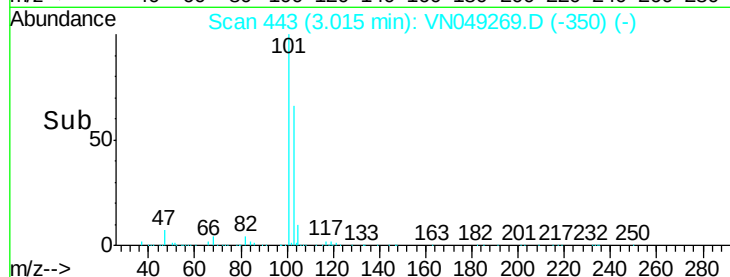
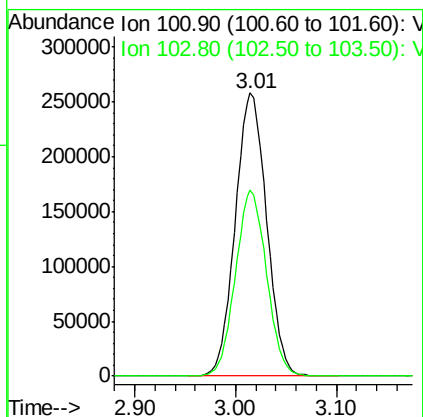
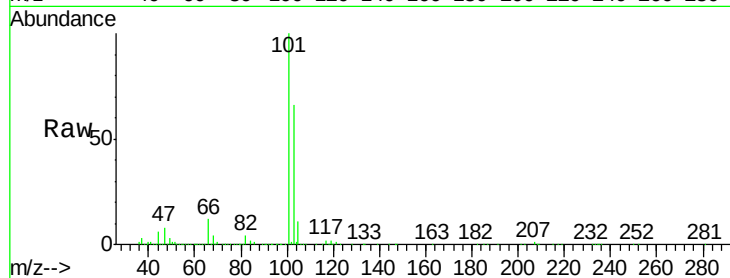


#7

Trichlorofluoromethane
Concen: 19.49 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Instrument :
MSVOA_N
ClientSampleId :

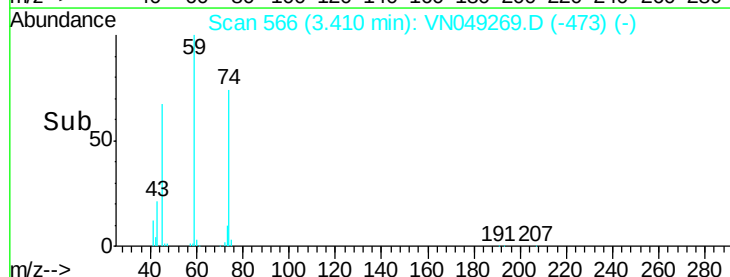
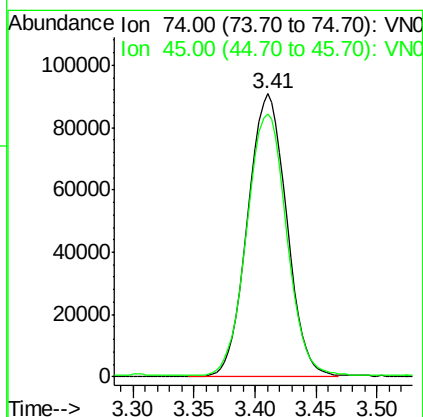
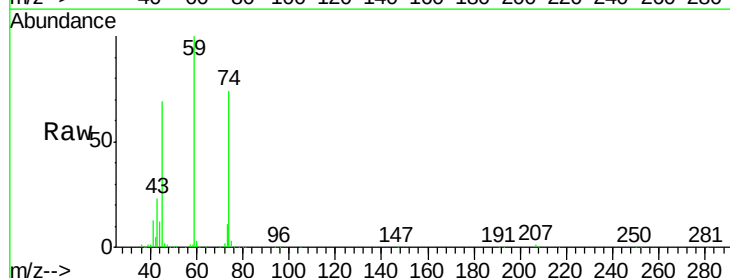
Tot Ion:101 Resp: 557073
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

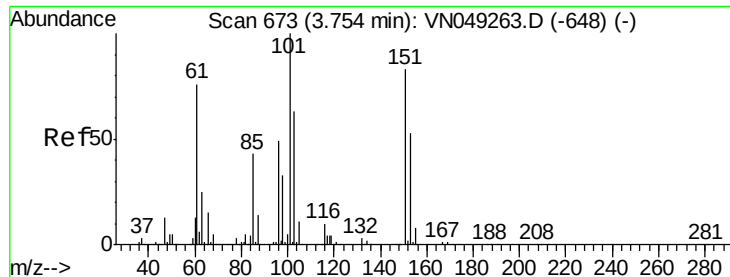


#8

Diethyl Ether
Concen: 20.17 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 74 Resp: 201339
Ion Ratio Lower Upper
74 100
45 94.3 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.46 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampled :

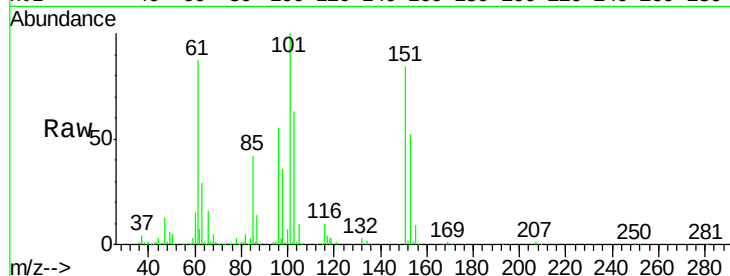
Tot Ion:101 Resp: 352933

Ion Ratio Lower Upper

101 100

85 42.8 37.6 56.4

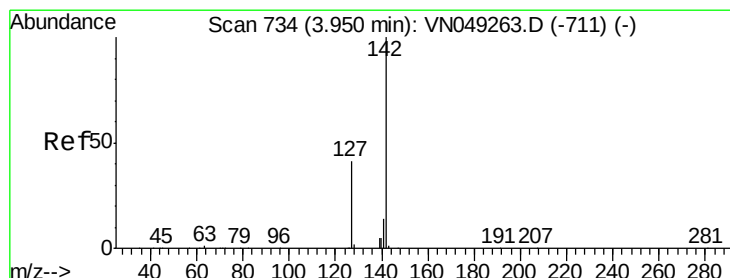
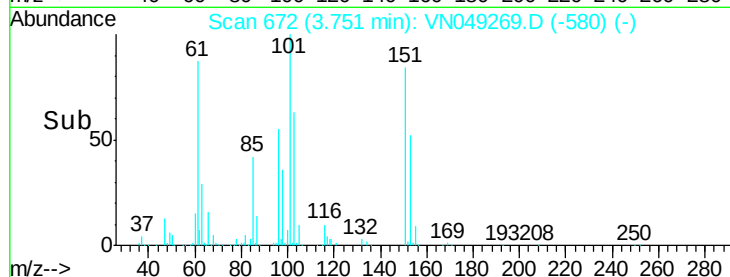
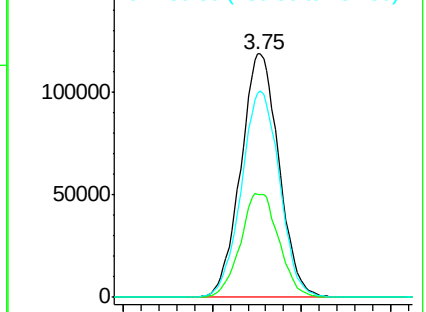
151 84.9 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.33 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

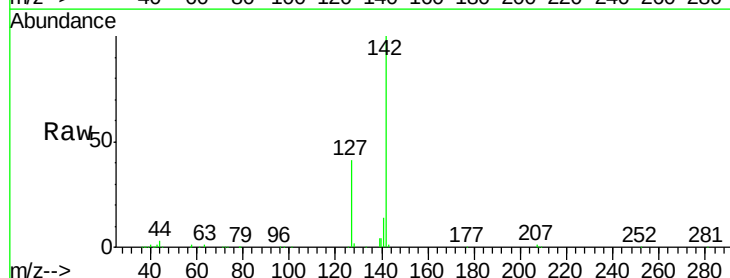
Tgt Ion:142 Resp: 327192

Ion Ratio Lower Upper

142 100

127 41.5 38.2 57.4

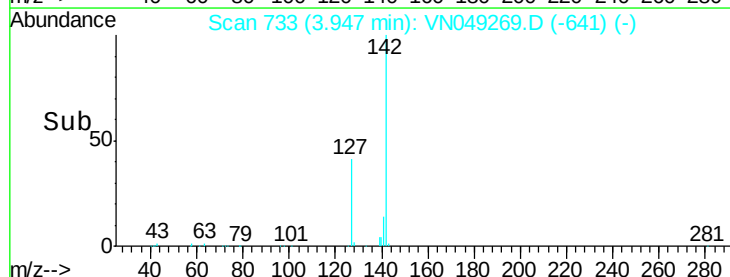
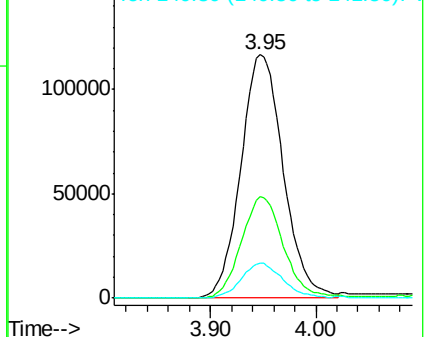
141 14.0 11.9 17.9

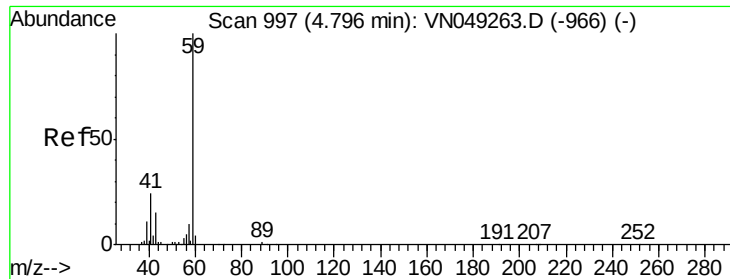


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



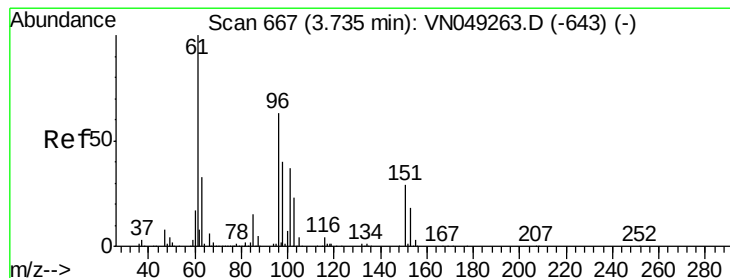
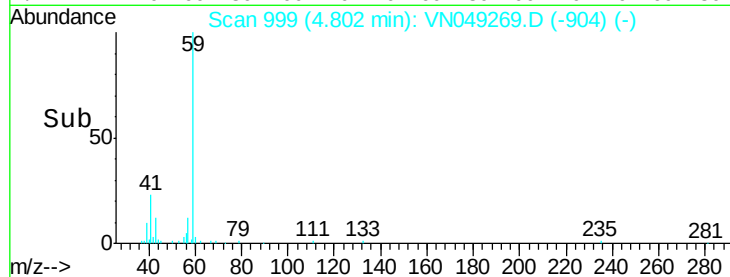
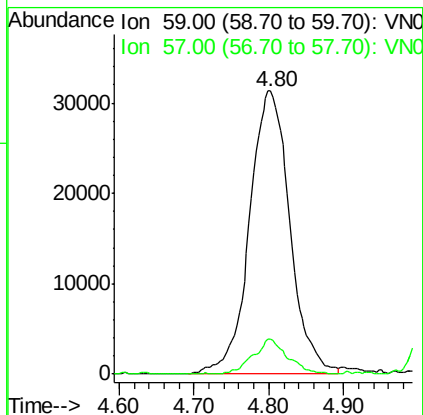
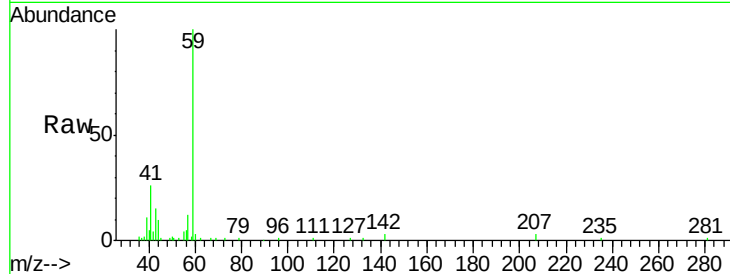


#11

Tert butyl alcohol
Concen: 104.03 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.01 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Instrument :
MSVOA_N
ClientSampleId :

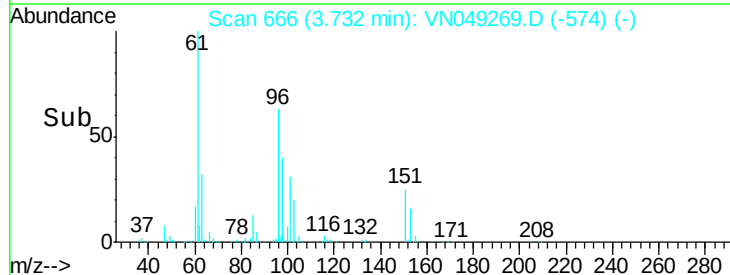
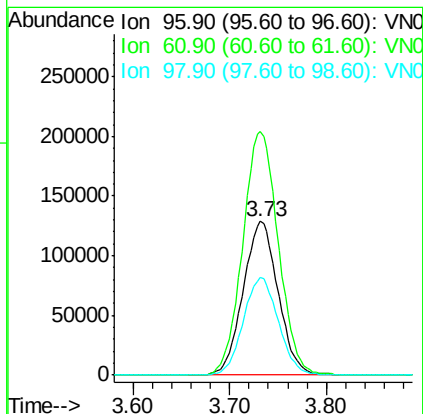
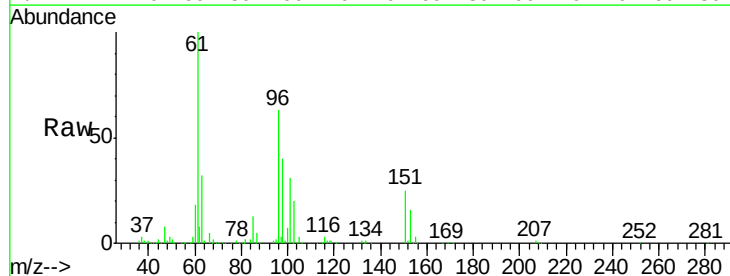
Tot Ion: 59 Resp: 117492
Ion Ratio Lower Upper
59 100
57 10.6 9.0 13.6

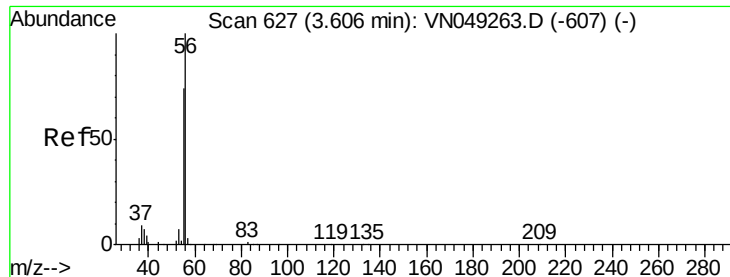


#12

1,1-Dichloroethene
Concen: 19.44 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 96 Resp: 323439
Ion Ratio Lower Upper
96 100
61 158.3 141.0 211.4
98 63.3 50.4 75.6





#13

Acrolein

Concen: 100.23 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

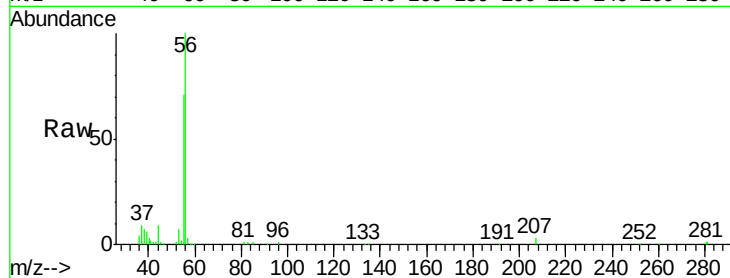
ClientSampled :

Tot Ion: 56 Resp: 118717

Ion Ratio Lower Upper

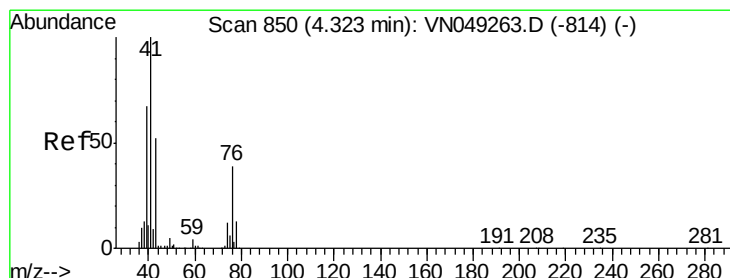
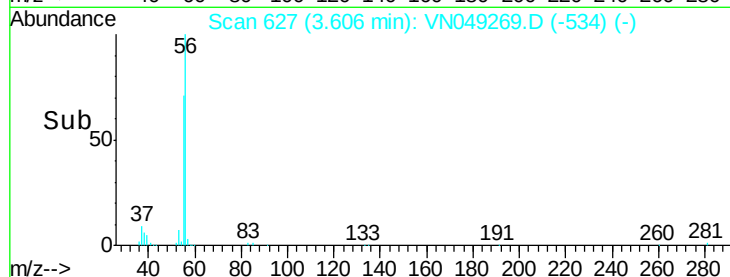
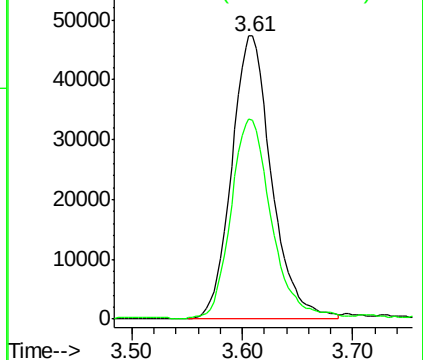
56 100

55 71.9 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.08 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

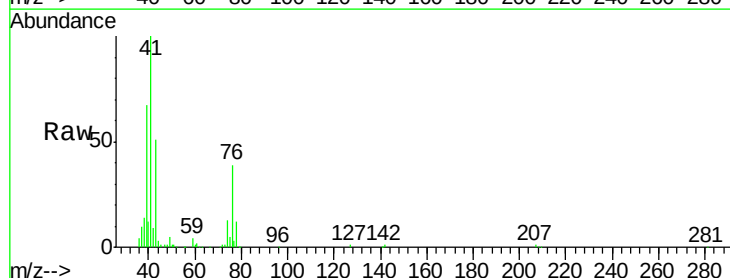
Tgt Ion: 41 Resp: 527551

Ion Ratio Lower Upper

41 100

39 65.9 62.5 93.7

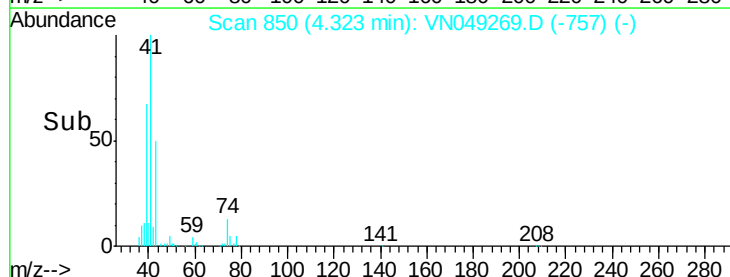
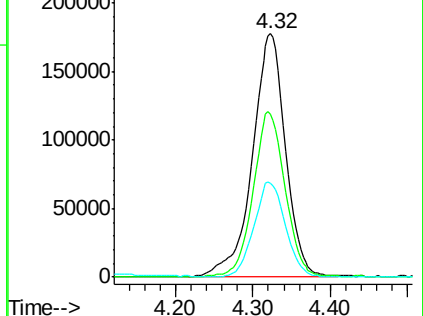
76 36.5 27.1 40.7

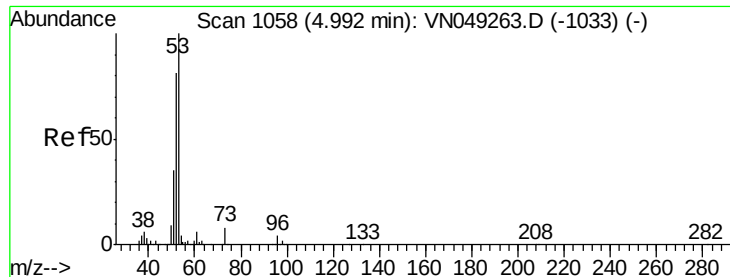


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

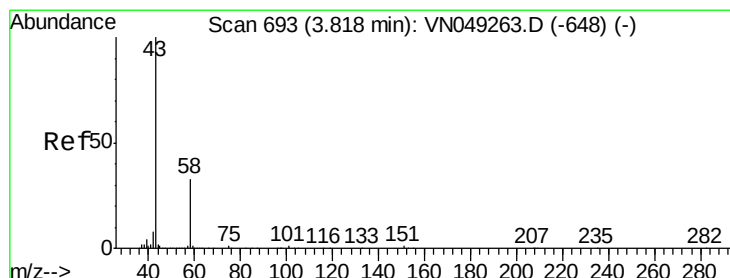
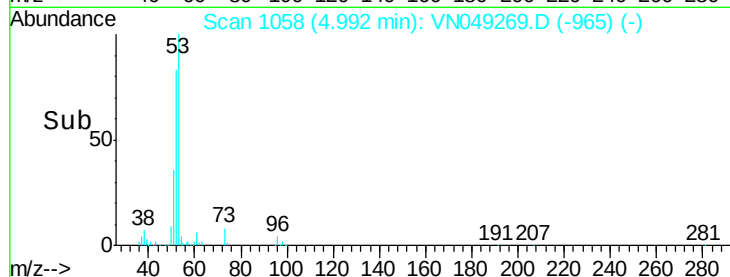
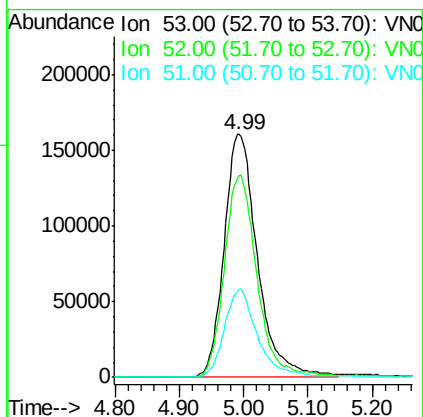
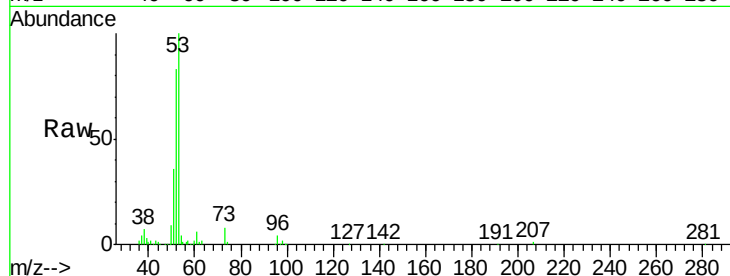




#15
 Acrylonitrile
 Concen: 102.41 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

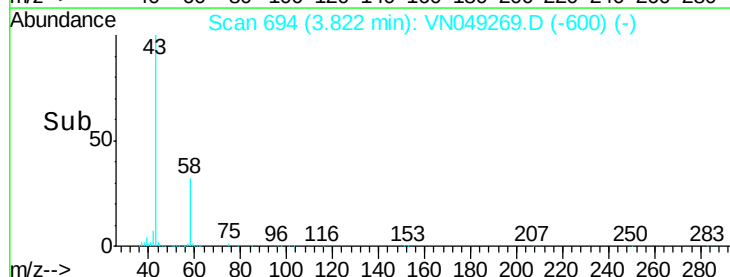
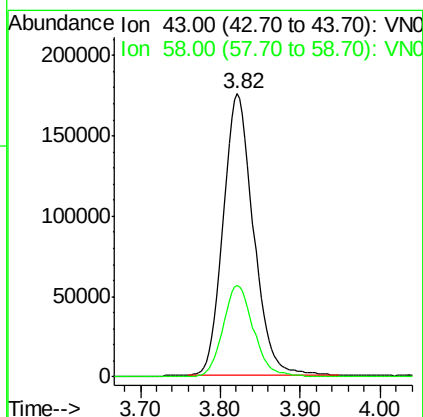
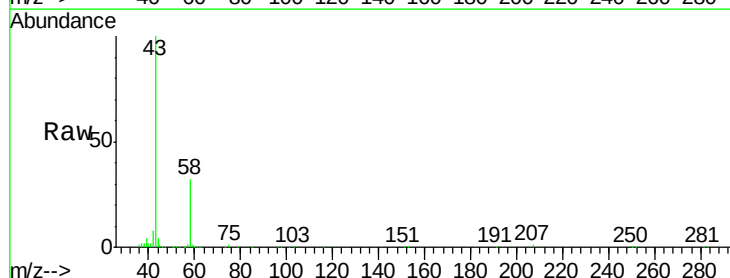
Instrument :
 MSVOA_N
 ClientSampleId :

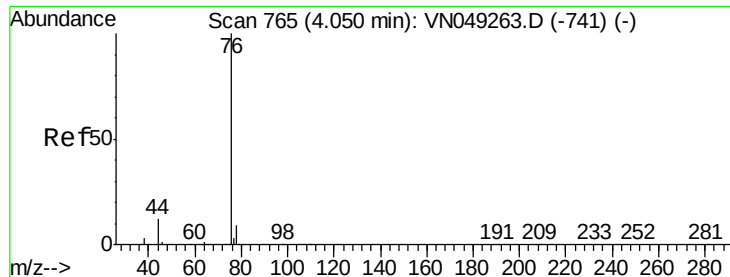
Tot Ion	53	Resp	578375
Ion Ratio	Lower	Upper	
53	100		
52	80.3	66.6	100.0
51	35.6	29.8	44.8



#16
 Acetone
 Concen: 97.12 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Tgt Ion	43	Resp	453776
Ion Ratio	Lower	Upper	
43	100		
58	32.2	22.4	33.6

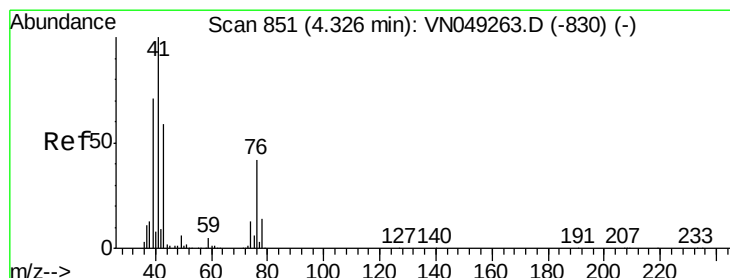
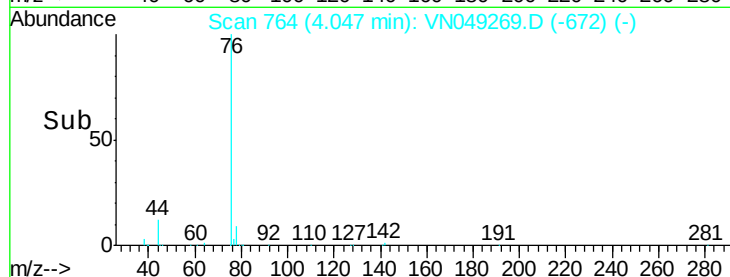
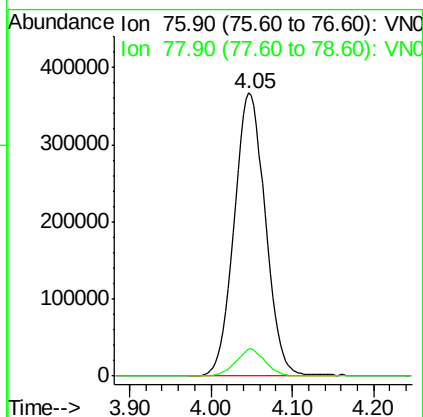
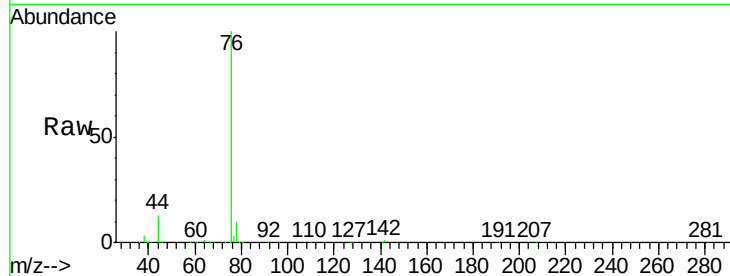




#17
Carbon Disulfide
Concen: 18.71 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

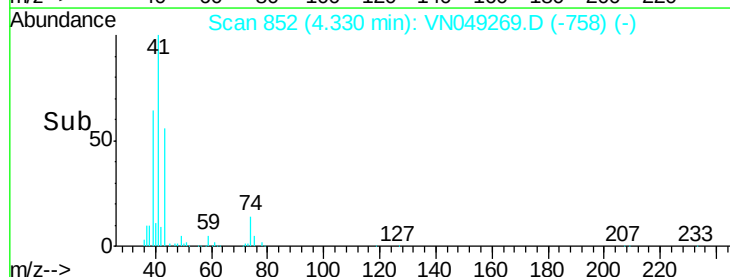
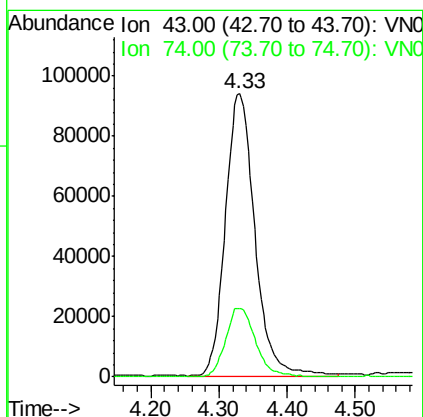
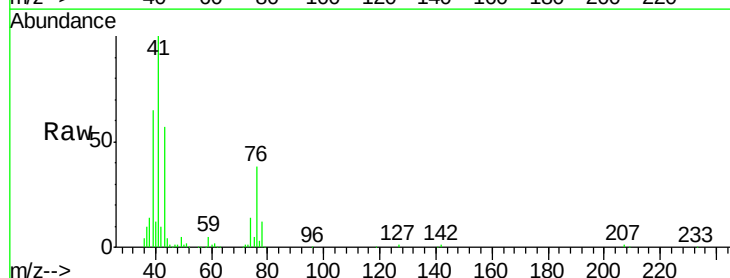
Instrument :
MSVOA_N
ClientSampleId :

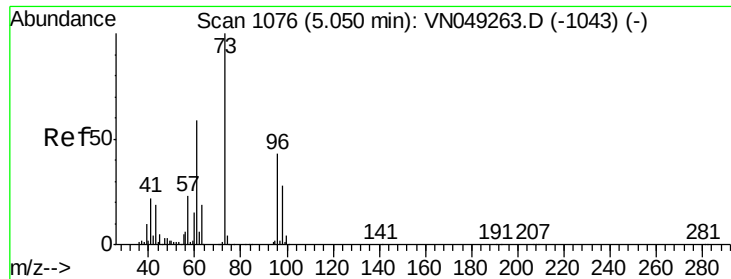
Tot Ion: 76 Resp: 975352
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.72 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 43 Resp: 280977
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0

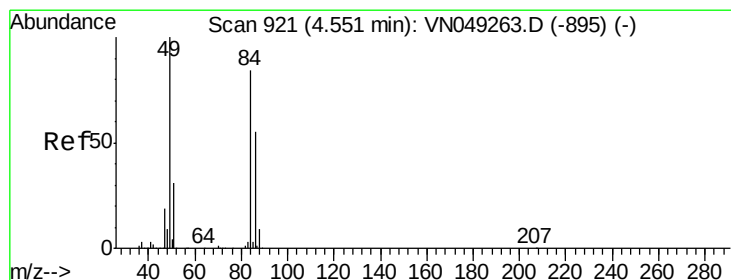
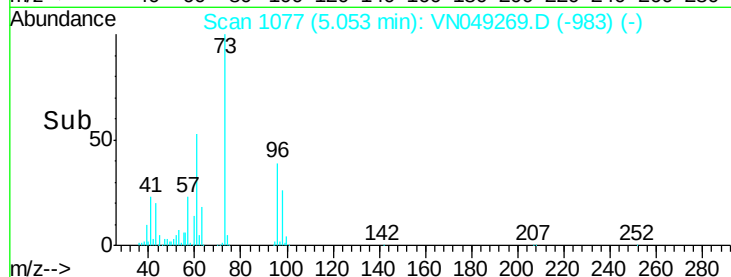
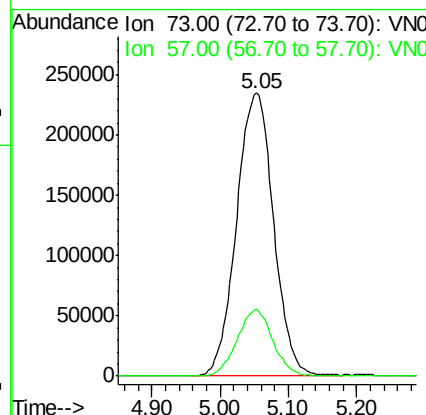
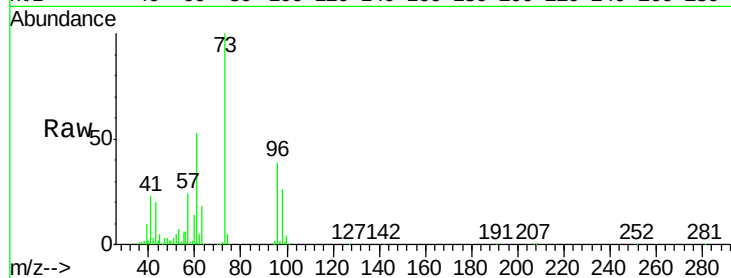




#19
Methyl tert-butyl Ether
Concen: 20.79 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

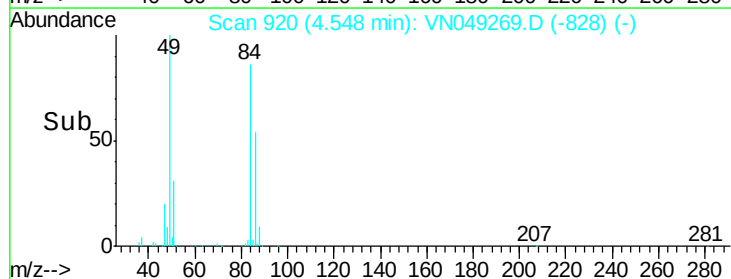
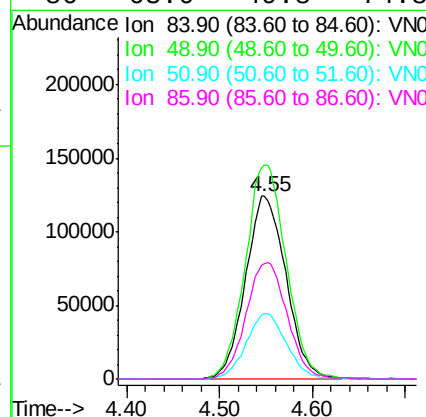
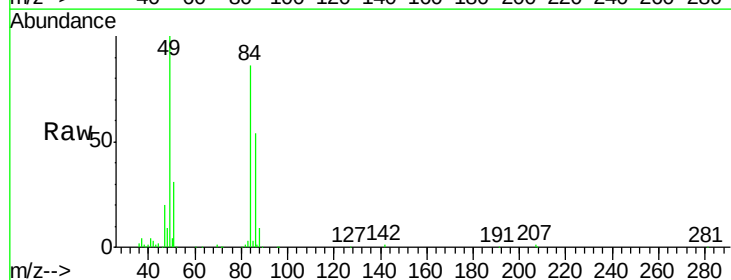
Instrument :
MSVOA_N
ClientSampled :

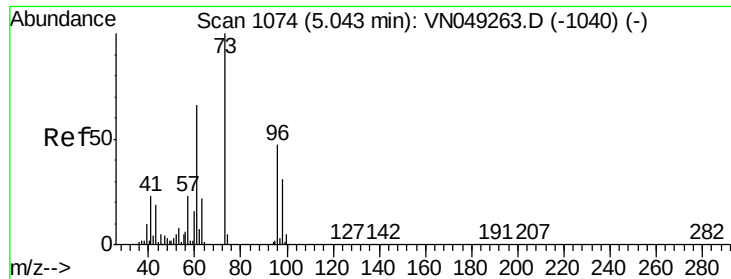
Tot Ion: 73 Resp: 881763
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4



#20
Methylene Chloride
Concen: 19.28 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 84 Resp: 376170
Ion Ratio Lower Upper
84 100
49 116.7 106.9 160.3
51 35.6 32.7 49.1
86 63.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.43 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampleId :

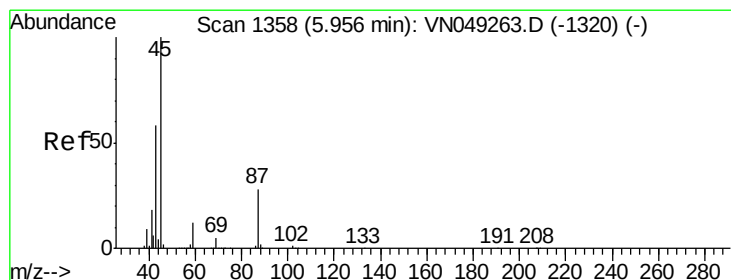
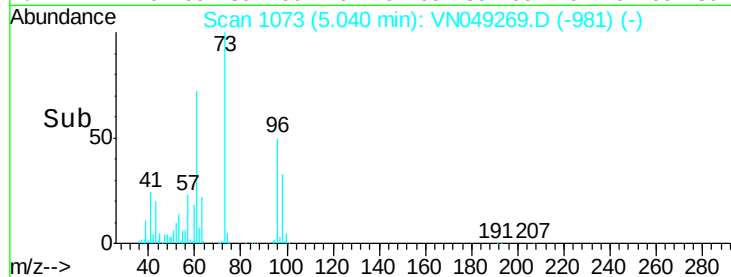
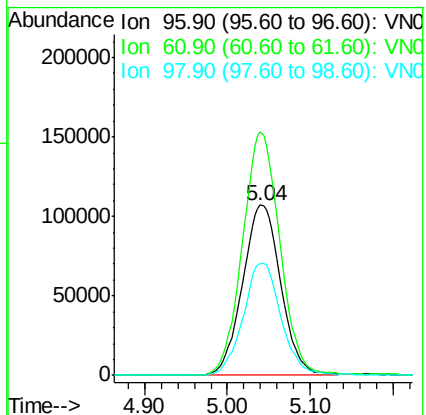
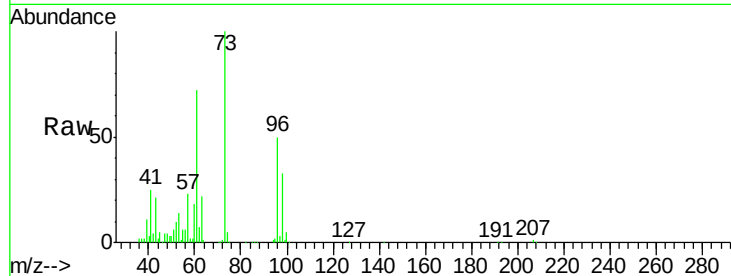
Tot Ion: 96 Resp: 342139

Ion Ratio Lower Upper

96 100

61 143.2 121.3 181.9

98 65.6 52.0 78.0



#22

Diisopropyl ether

Concen: 20.95 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Tgt Ion: 45 Resp: 1098903

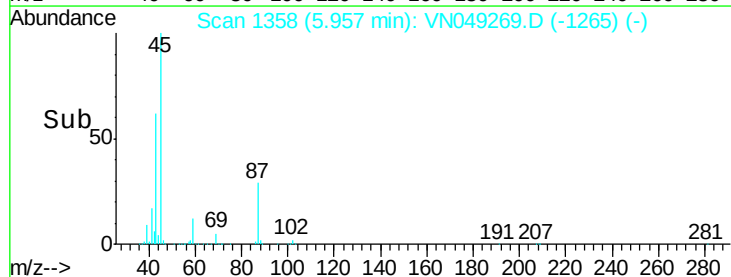
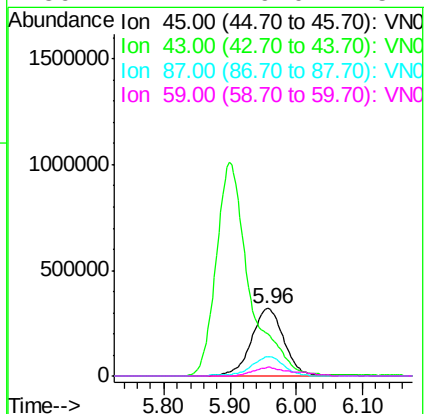
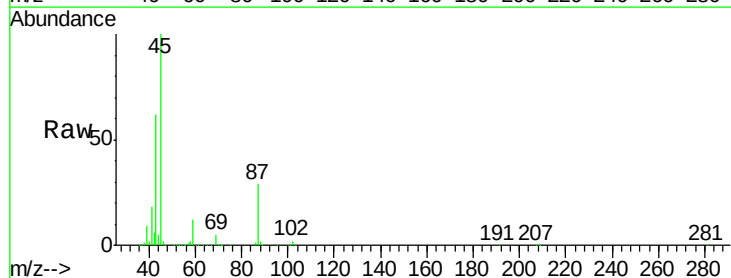
Ion Ratio Lower Upper

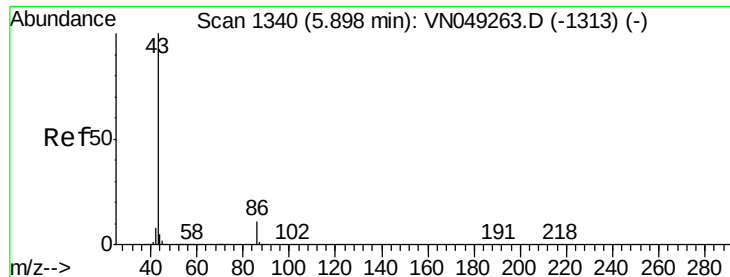
45 100

43 60.6 48.6 72.8

87 28.5 20.2 30.2

59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 102.80 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

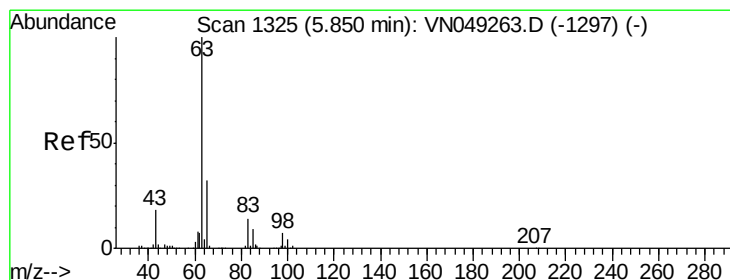
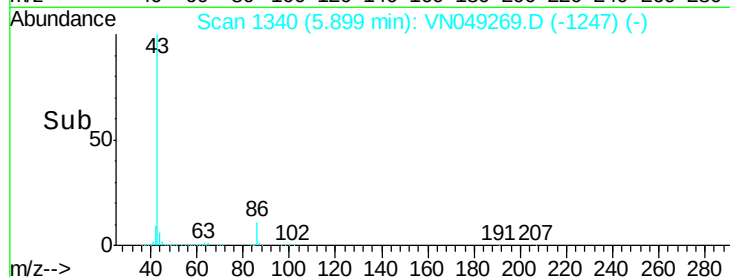
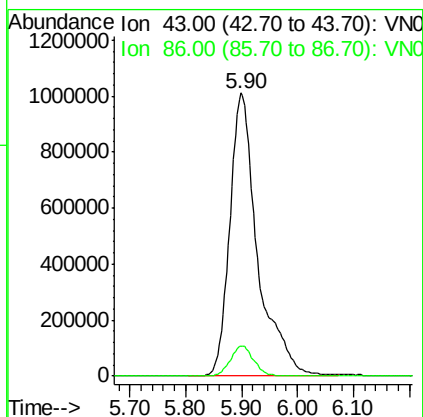
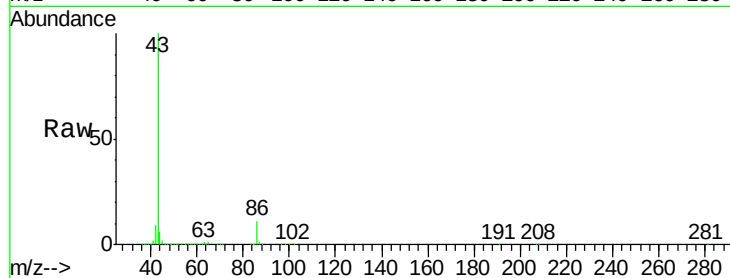
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 3515040

Ion Ratio Lower Upper

43 100

86 10.8 7.2 10.8



#24

1,1-Dichloroethane

Concen: 20.01 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

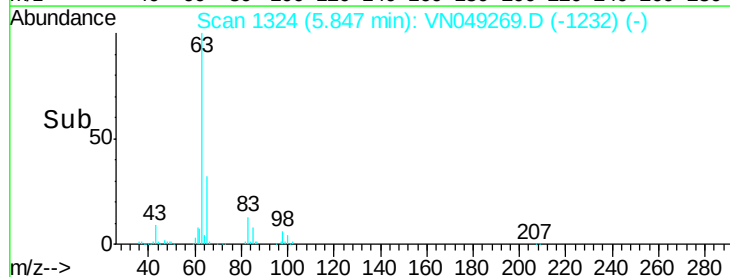
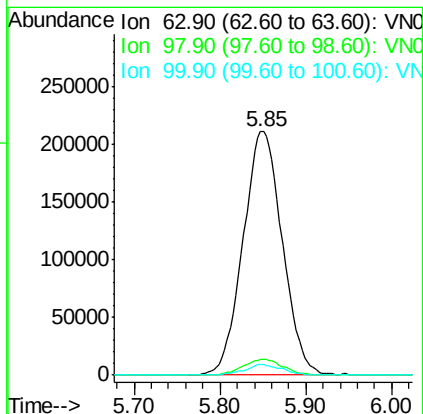
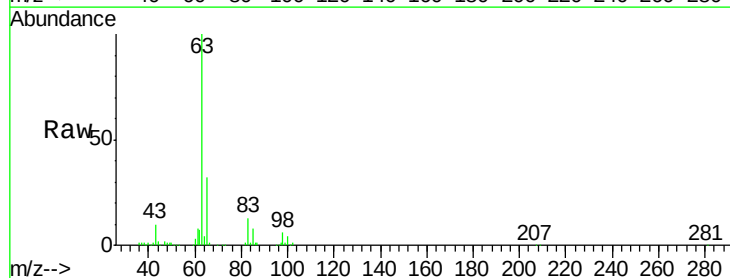
Tgt Ion: 63 Resp: 671837

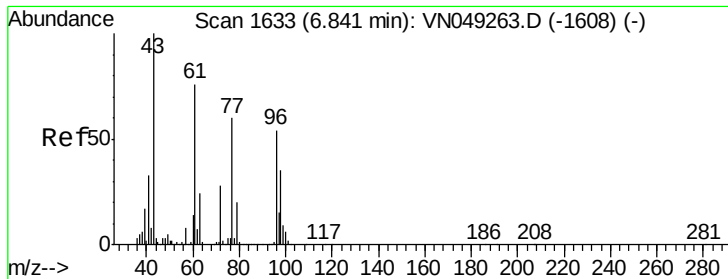
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 4.4 2.1 6.3

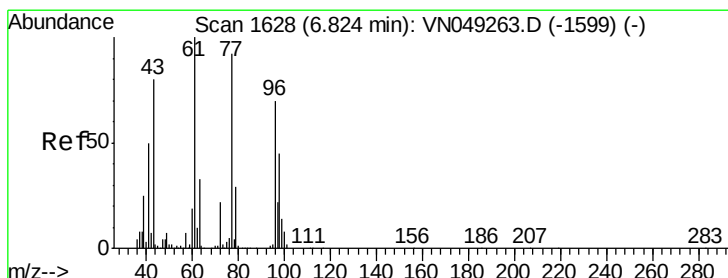
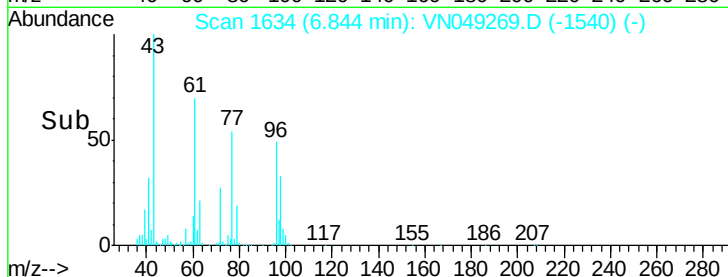
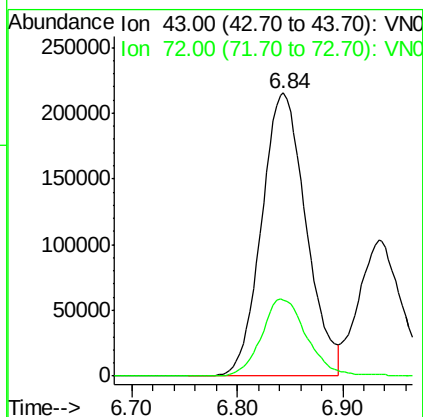
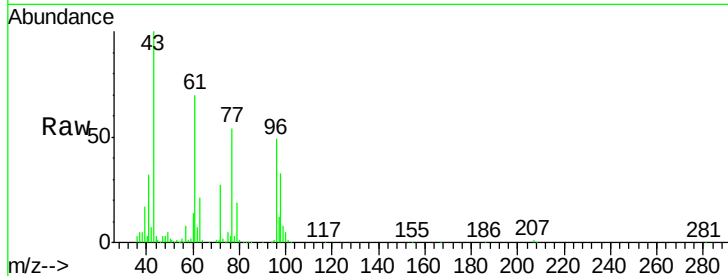




#25
2-Butanone
Concen: 99.88 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

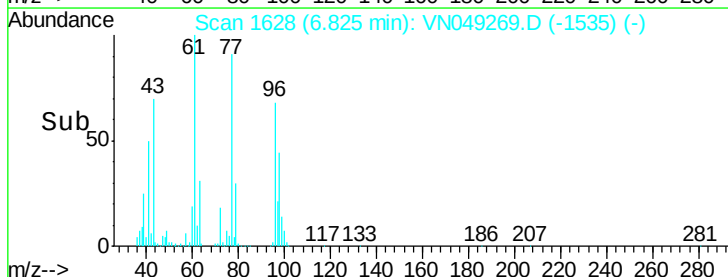
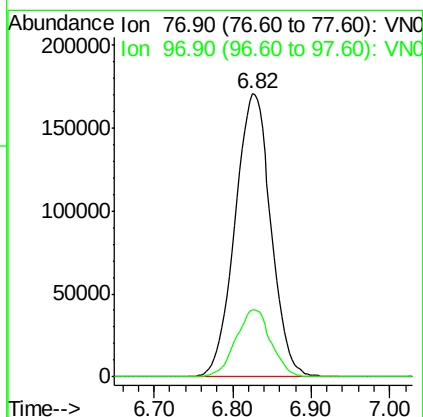
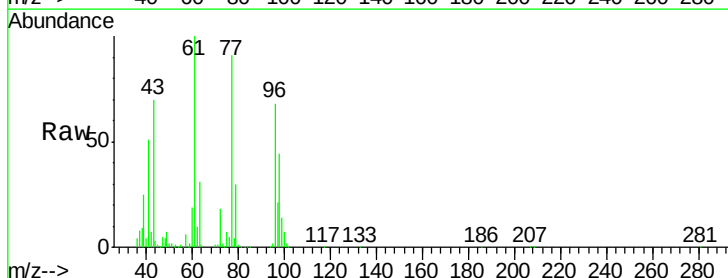
Instrument :
MSVOA_N
ClientSampleId :

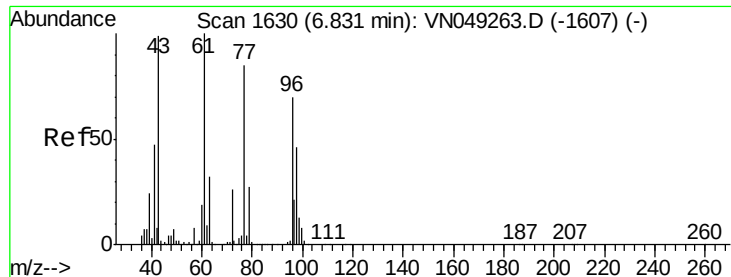
Tot Ion: 43 Resp: 626584
Ion Ratio Lower Upper
43 100
72 27.1 20.2 30.2



#26
2,2-Dichloropropane
Concen: 20.12 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 77 Resp: 545617
Ion Ratio Lower Upper
77 100
97 23.3 11.0 33.0

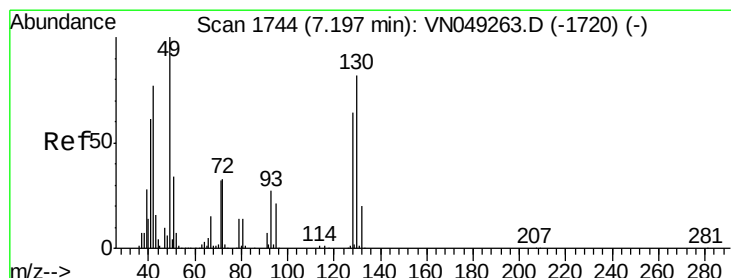
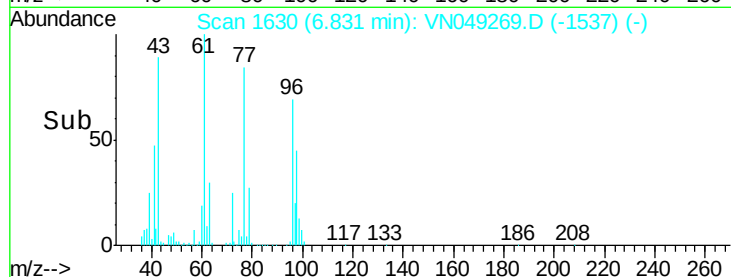
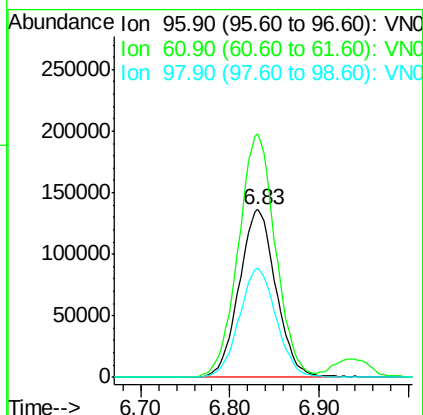
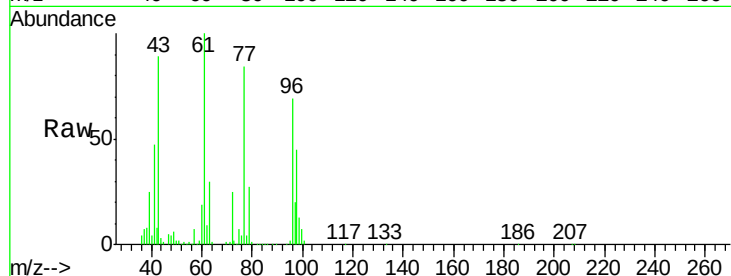




#27
 cis-1,2-Dichloroethene
 Concen: 19.98 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

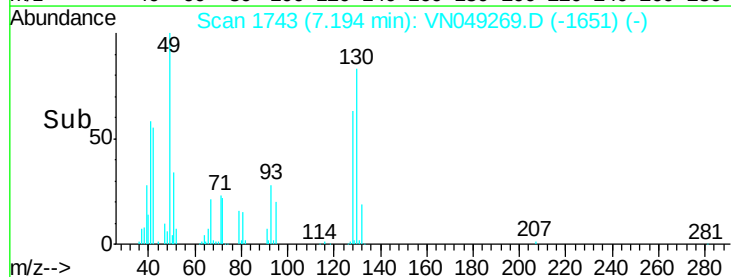
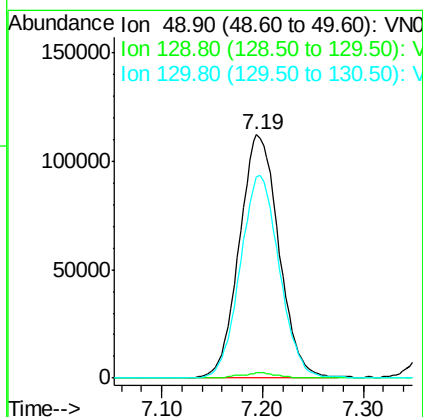
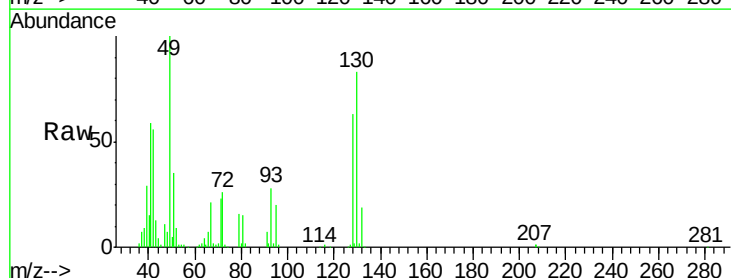
Instrument :
 MSVOA_N
 ClientSampled :

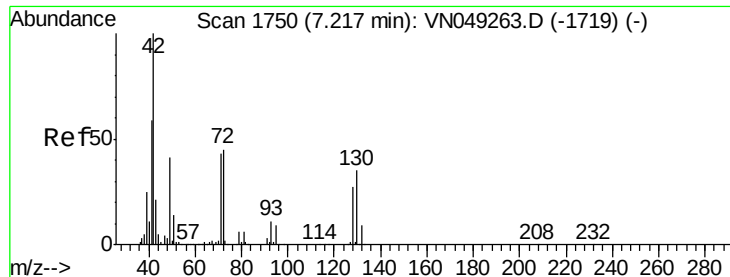
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	316.4
98	65.2	0.0	128.4



#28
 Bromochloromethane
 Concen: 20.48 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	82.4	54.9	82.3#





#29

Tetrahydrofuran

Concen: 101.69 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampleId :

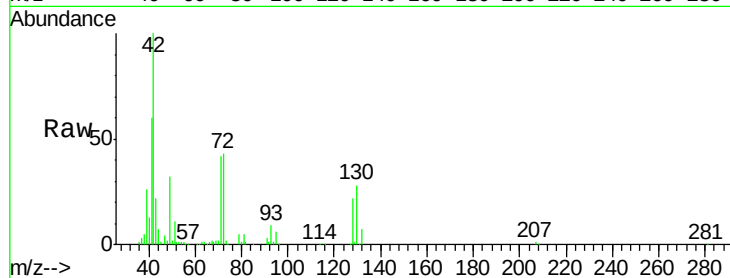
Tot Ion: 42 Resp: 410671

Ion Ratio Lower Upper

42 100

72 43.7 32.2 48.4

71 41.8 30.5 45.7

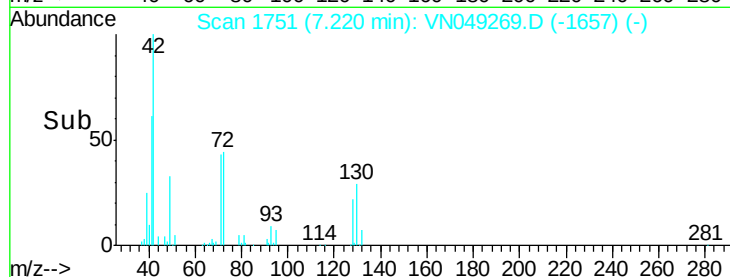


Abundance Ion 42.00 (41.70 to 42.70): VN049269.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN049269.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN049269.D (-1657) (-)

Time-->



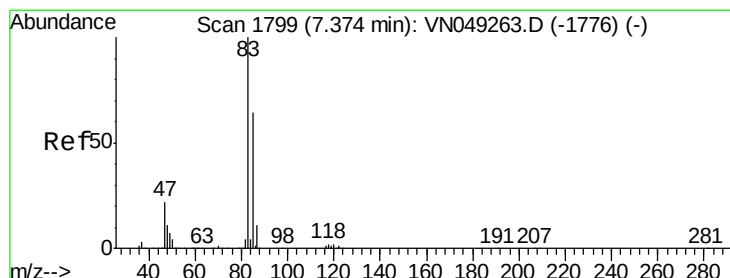
Abundance

Ion 42.00 (41.70 to 42.70): VN049269.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN049269.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN049269.D (-1657) (-)

Time-->



#30

Chloroform

Concen: 20.02 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049269.D

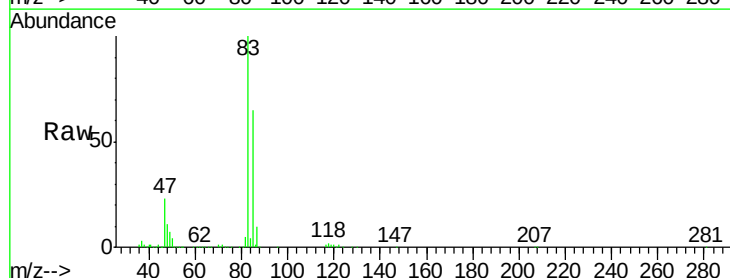
Acq: 15 Jun 2018 19:42

Tgt Ion: 83 Resp: 669030

Ion Ratio Lower Upper

83 100

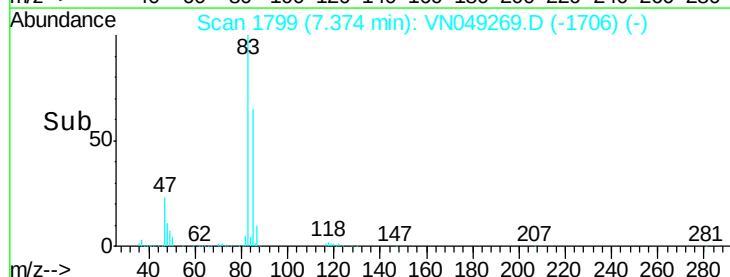
85 65.2 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049269.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN049269.D (-1706) (-)

Time-->

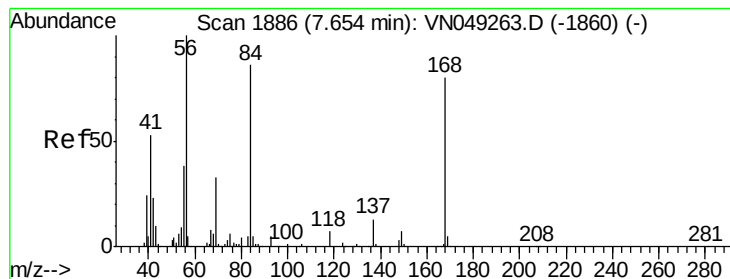


Abundance

Ion 82.90 (82.60 to 83.60): VN049269.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN049269.D (-1706) (-)

Time-->



#31

Cyclohexane

Concen: 20.36 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :
MSVOA_N
ClientSampled :

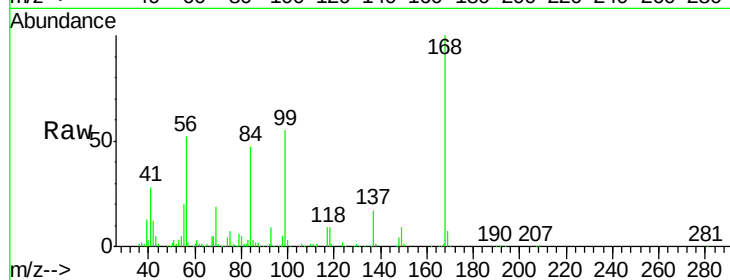
Tot Ion: 56 Resp: 582498

Ion Ratio Lower Upper

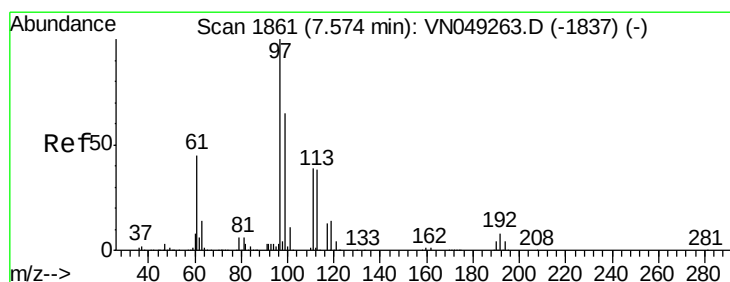
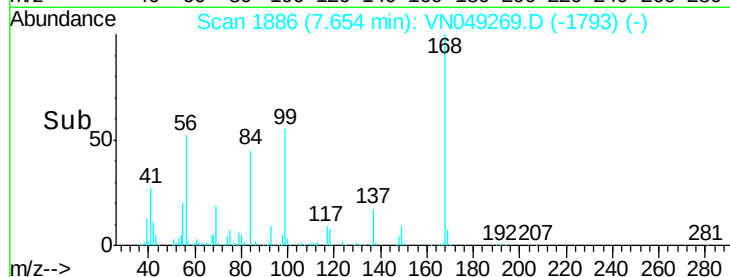
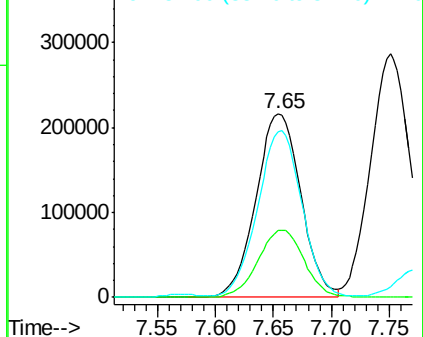
56 100

69 36.2 25.0 37.4

84 88.8 64.6 96.8



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.28 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

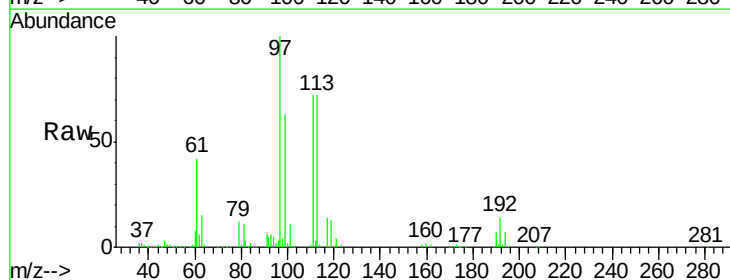
Tgt Ion: 97 Resp: 578146

Ion Ratio Lower Upper

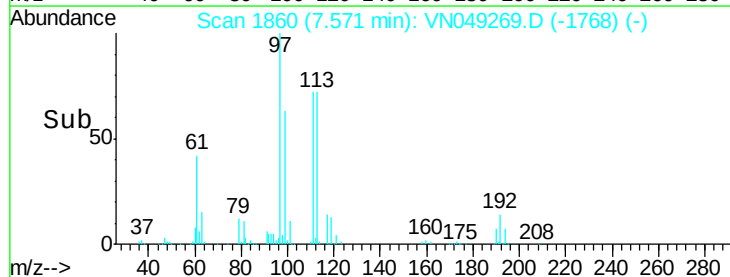
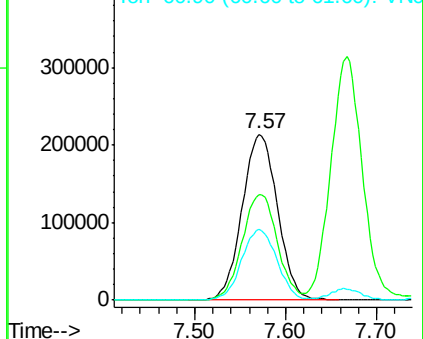
97 100

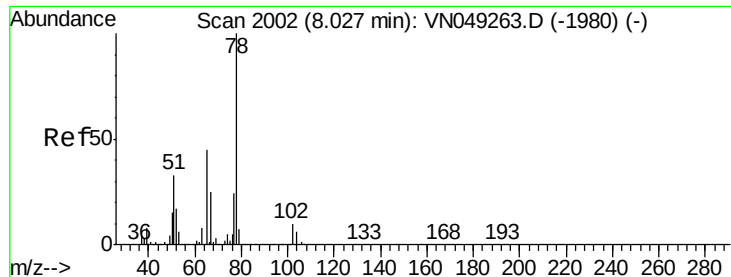
99 63.6 50.5 75.7

61 42.5 37.9 56.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

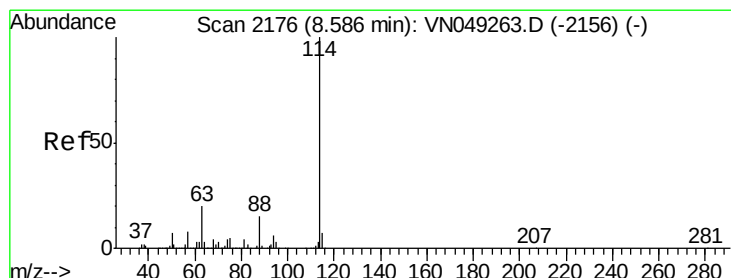
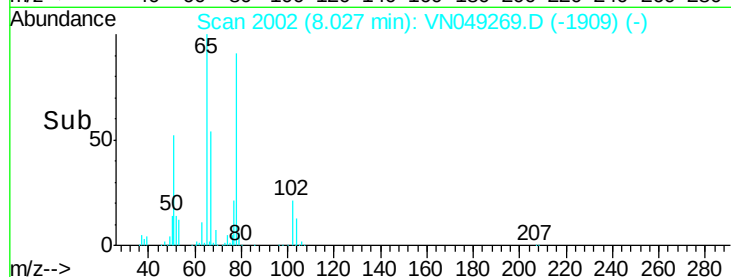
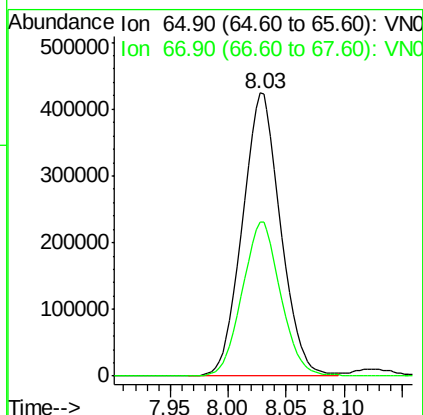
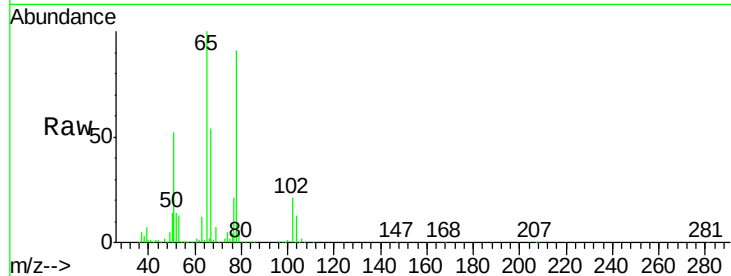




#33
 1,2-Dichloroethane-d4
 Concen: 50.60 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

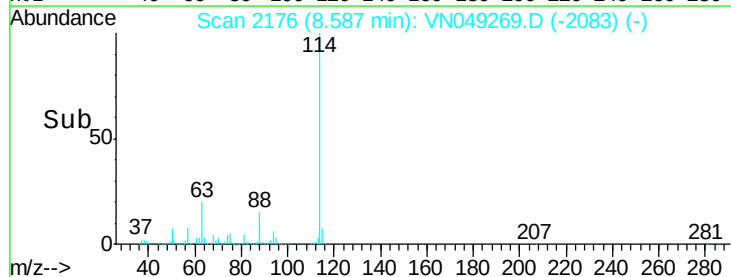
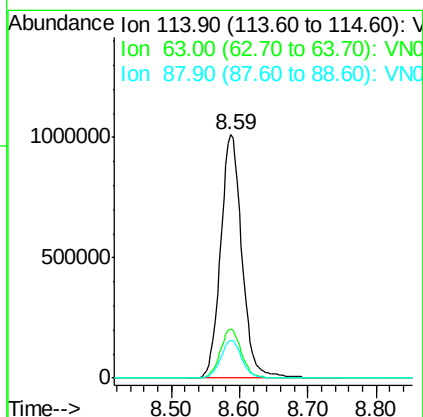
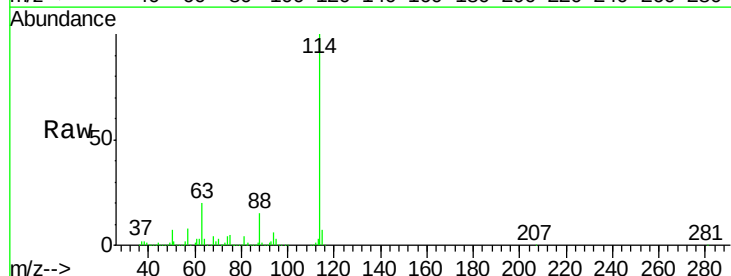
Instrument :
 MSVOA_N
 ClientSampleId :

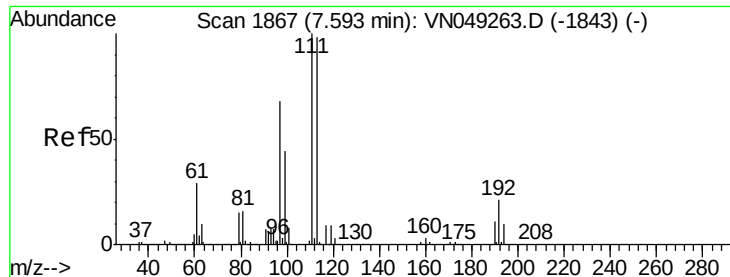
Tot Ion: 65 Resp: 973670
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Tgt Ion: 114 Resp: 2191890
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.22 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampleId :

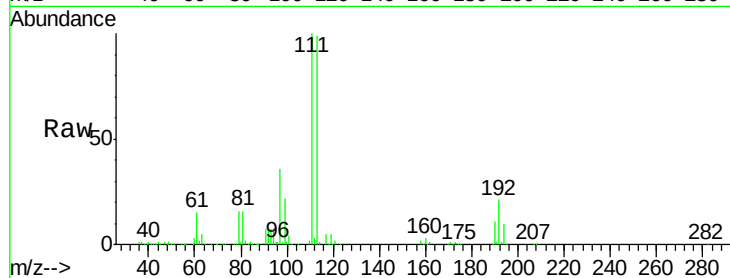
Tot Ion:113 Resp: 890537

Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

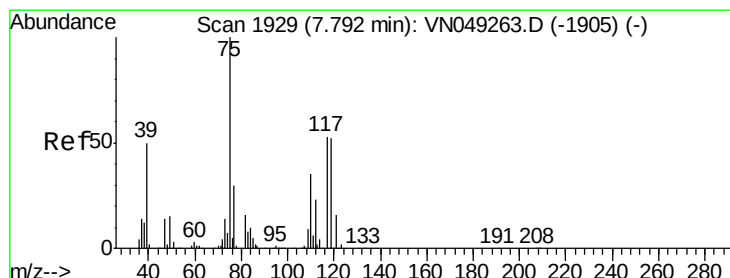
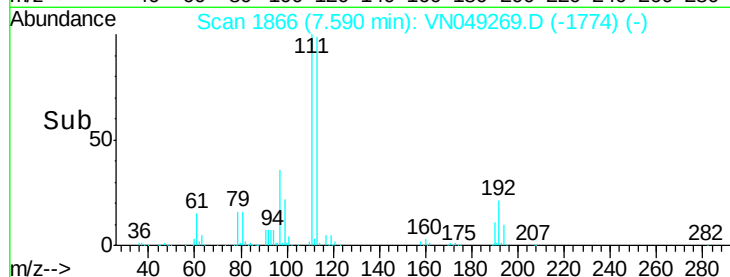
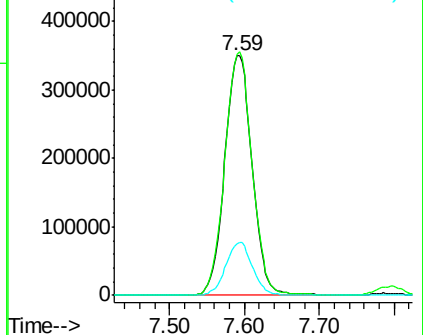
192 21.5 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.70 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

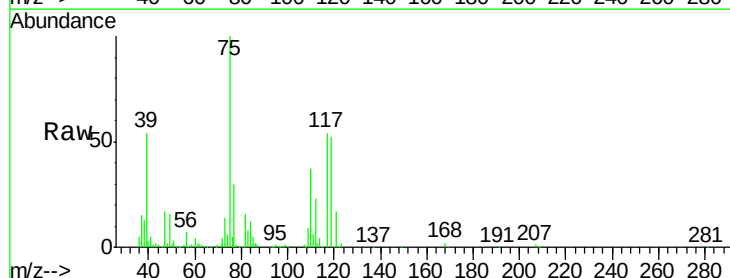
Tgt Ion: 75 Resp: 495009

Ion Ratio Lower Upper

75 100

110 36.8 17.0 50.9

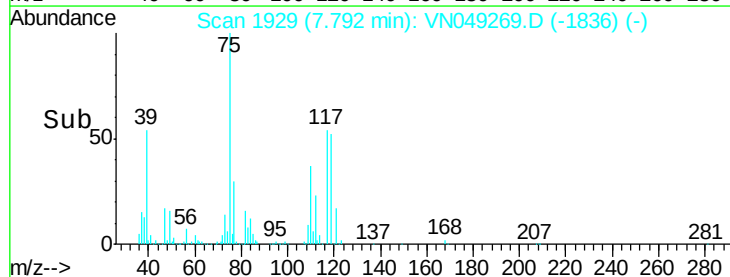
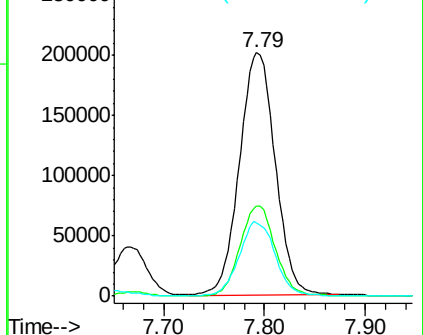
77 30.9 24.4 36.6

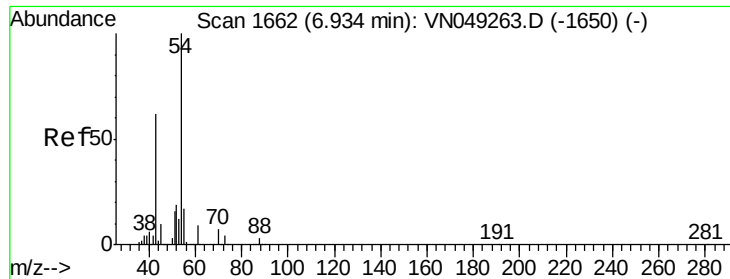


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

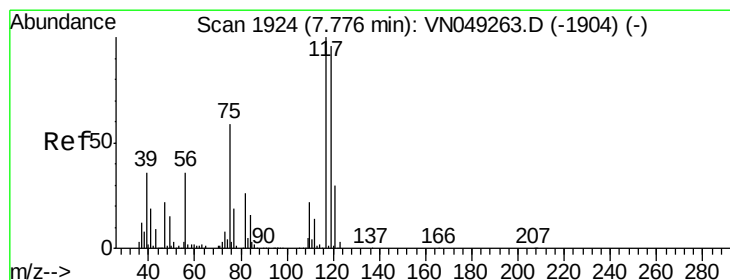
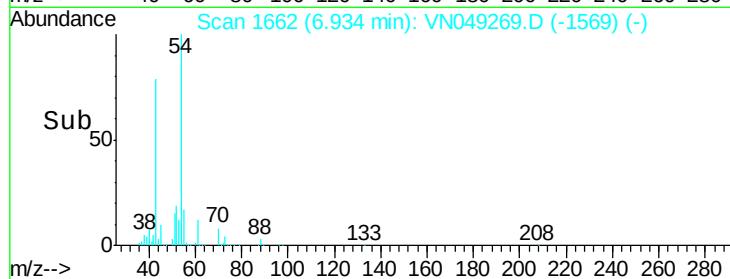
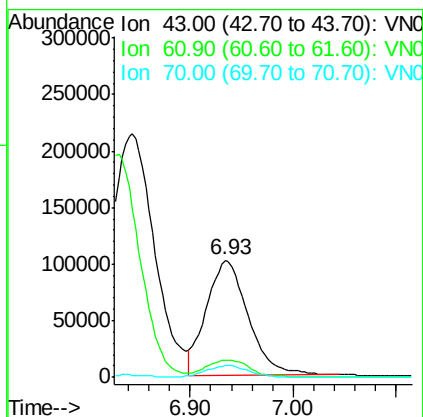
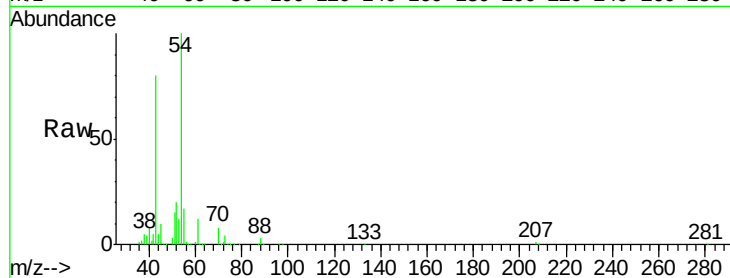




#37
Ethyl Acetate
Concen: 21.12 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

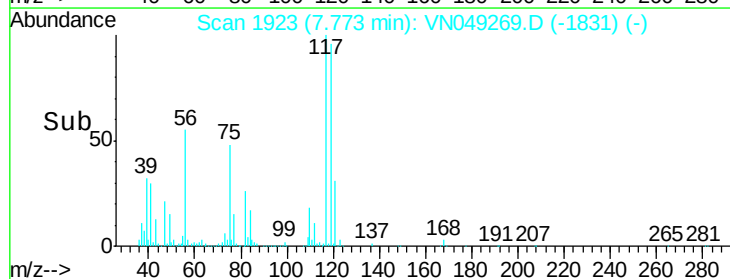
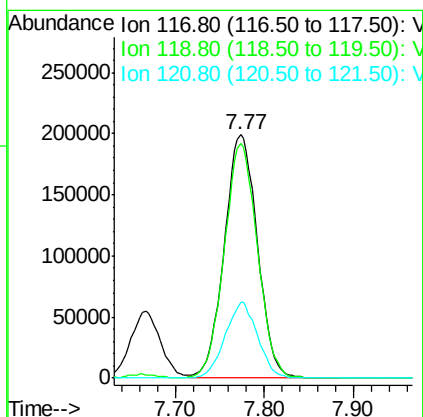
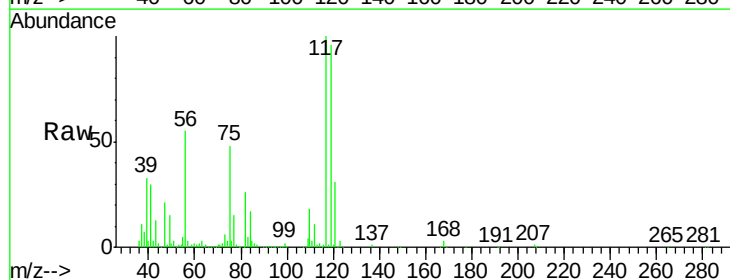
Instrument :
MSVOA_N
ClientSampled :

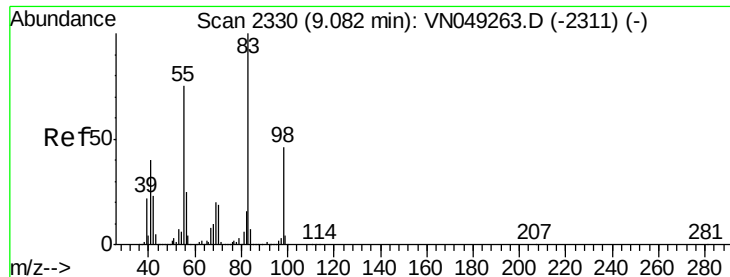
Tot Ion: 43 Resp: 288499
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.4
70 9.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.68 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 117 Resp: 511720
Ion Ratio Lower Upper
117 100
119 96.4 75.6 113.4
121 31.0 24.7 37.1

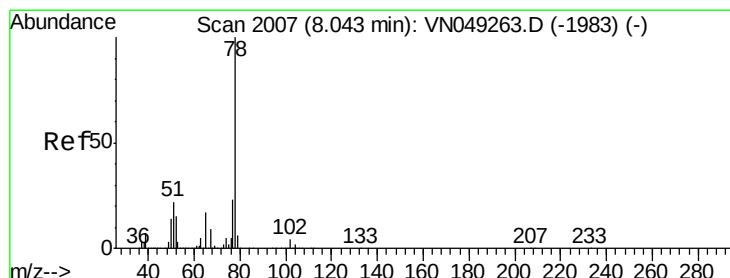
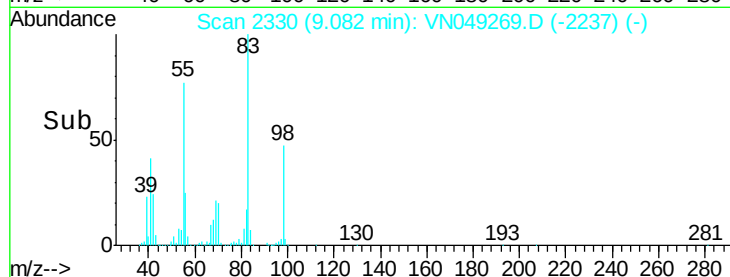
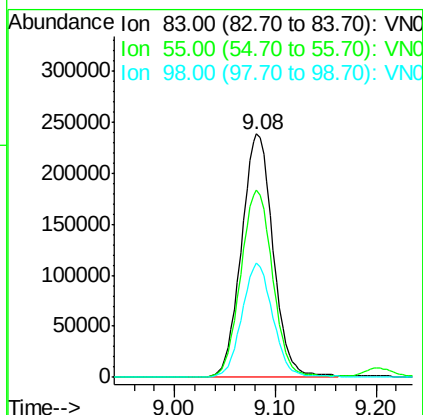
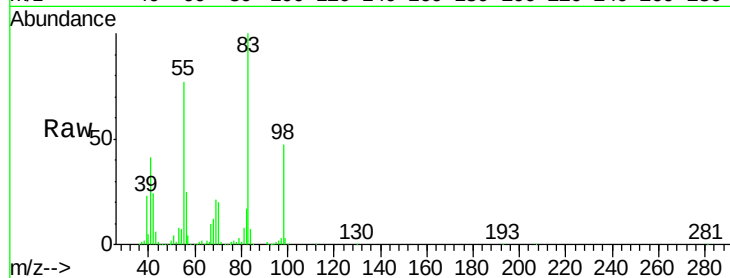




#39
Methylvlcyclohexane
Concen: 19.23 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

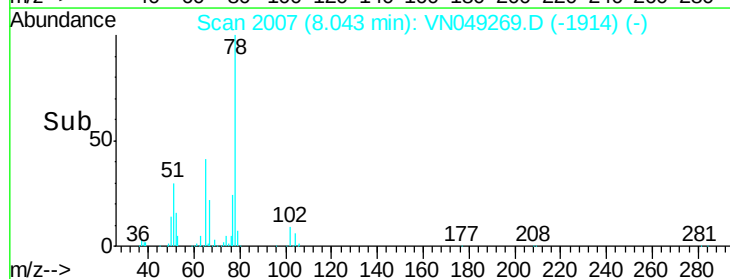
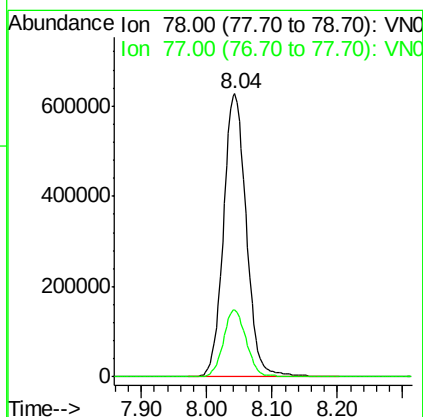
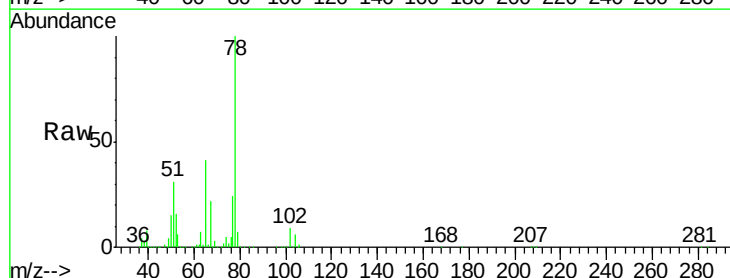
Instrument :
MSVOA_N
ClientSampled :

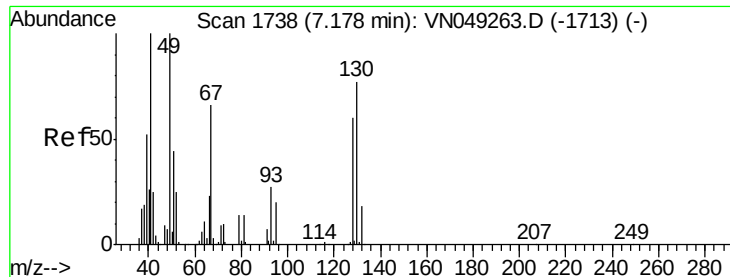
Tot Ion: 83 Resp: 518593
Ion Ratio Lower Upper
83 100
55 76.7 65.1 97.7
98 46.7 36.5 54.7



#40
Benzene
Concen: 19.78 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 78 Resp: 1523552
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

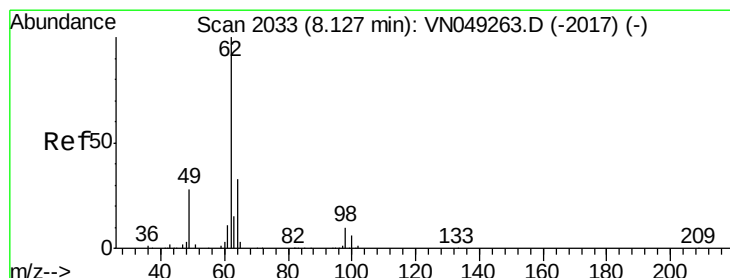
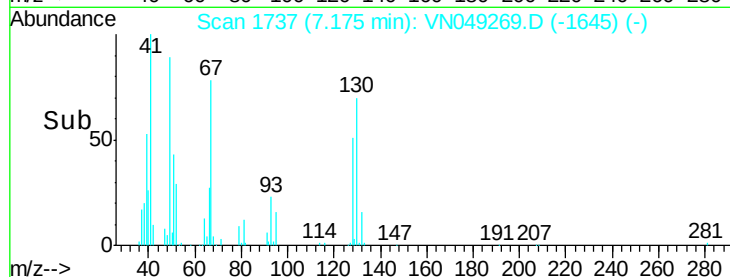
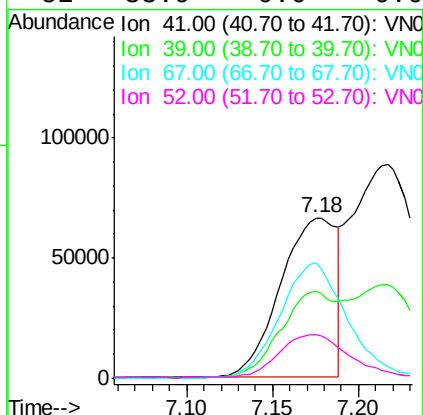
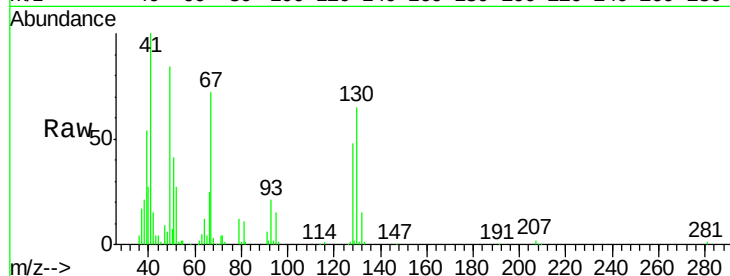




#41
Methacrylonitrile
Concen: 20.44 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

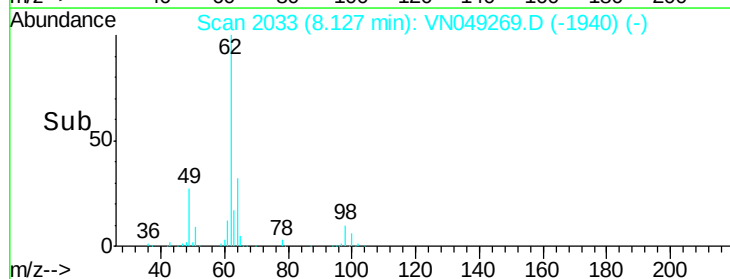
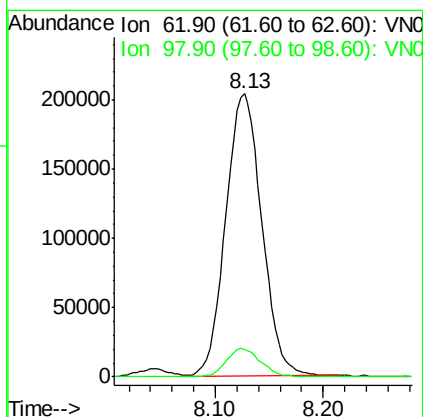
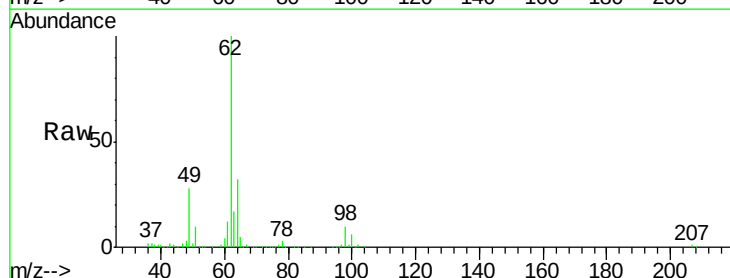
Instrument :
MSVOA_N
ClientSampleId :

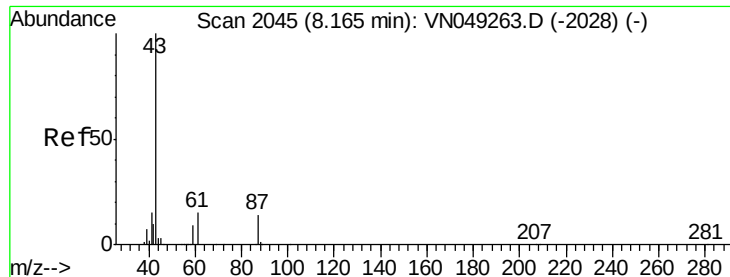
Tot Ion: 41 Resp: 150889
Ion Ratio Lower Upper
41 100
39 52.6 0.0 0.0#
67 87.3 0.0 0.0#
52 33.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.96 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 62 Resp: 475013
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.2





#43

Isopropyl Acetate

Concen: 19.93 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampled :

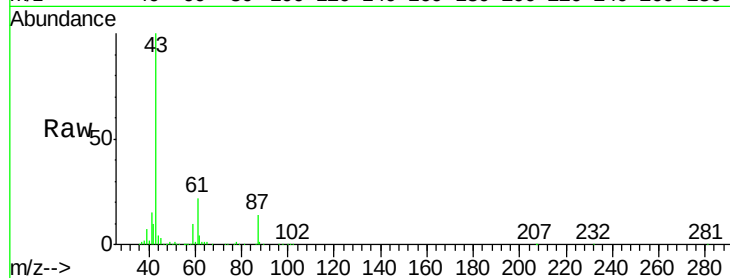
Tot Ion: 43 Resp: 520012

Ion Ratio Lower Upper

43 100

61 20.0 14.2 21.4

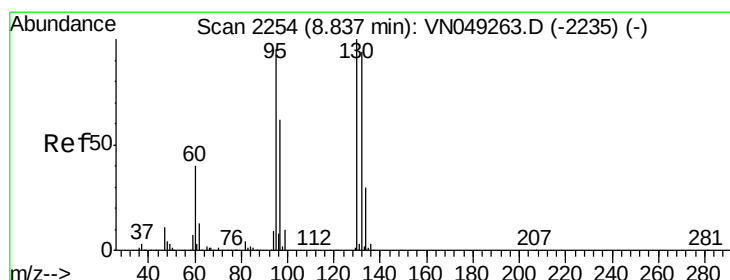
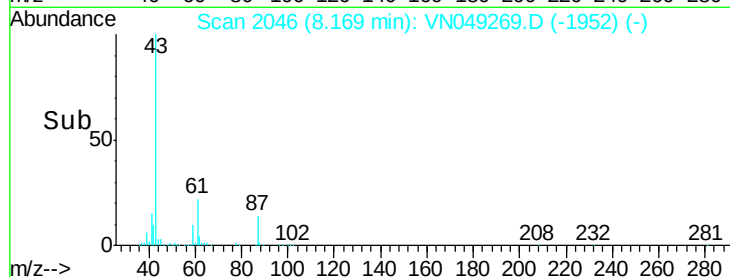
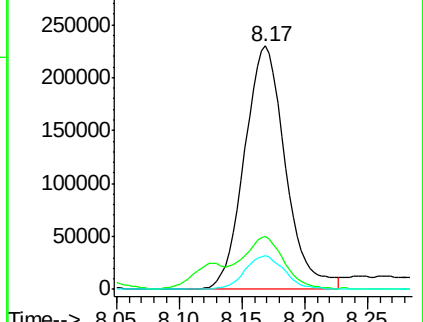
87 13.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049269.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049269.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049269.D (-1952) (-)



#44

Trichloroethene

Concen: 19.58 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049269.D

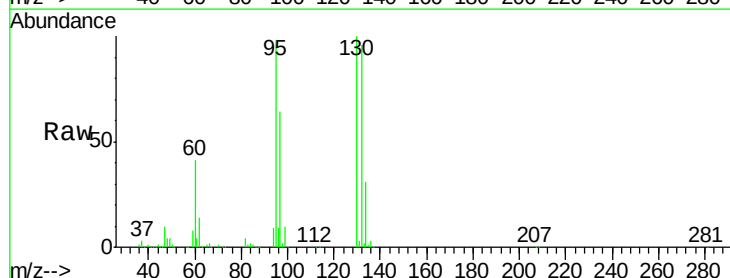
Acq: 15 Jun 2018 19:42

Tgt Ion: 130 Resp: 398187

Ion Ratio Lower Upper

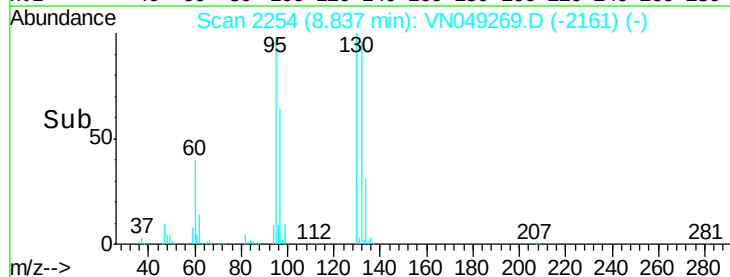
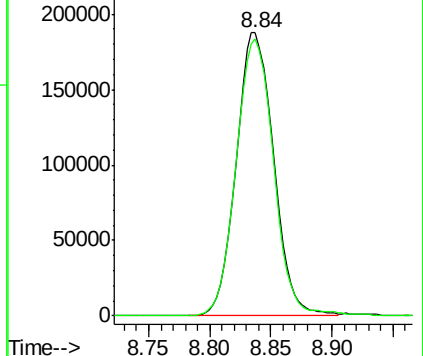
130 100

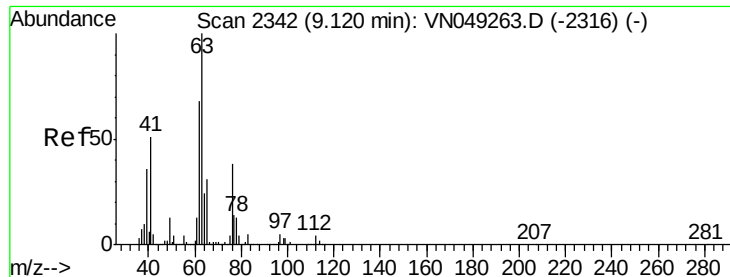
95 97.7 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049269.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049269.D (-2161) (-)

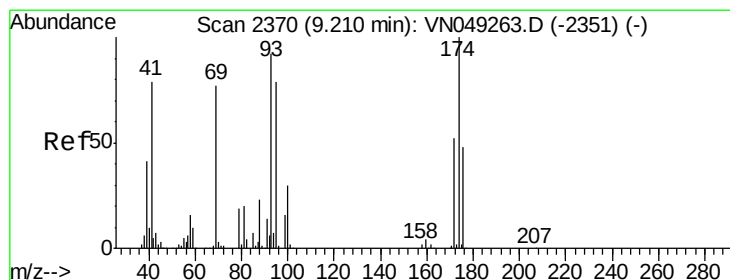
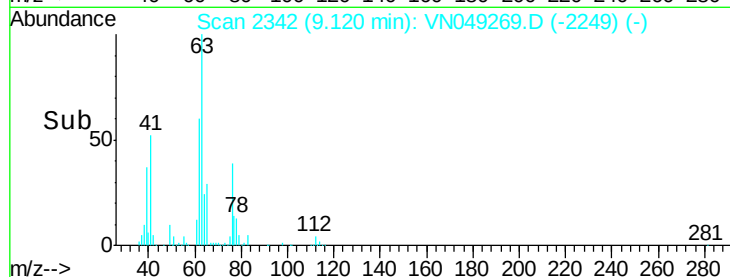
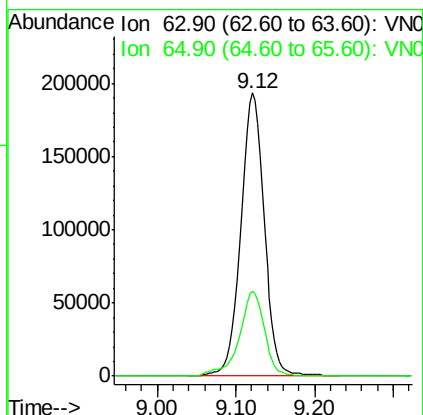
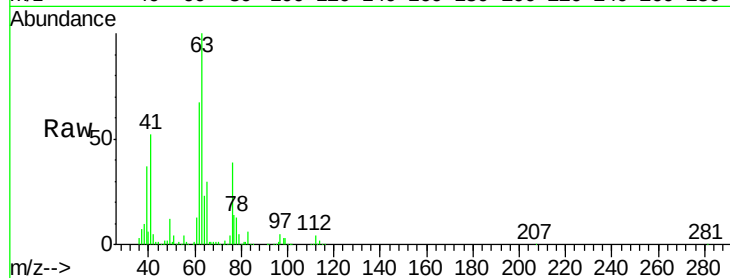




#45
 1,2-Dichloropropane
 Concen: 19.88 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

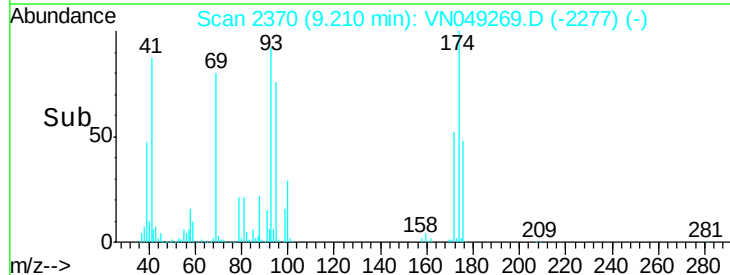
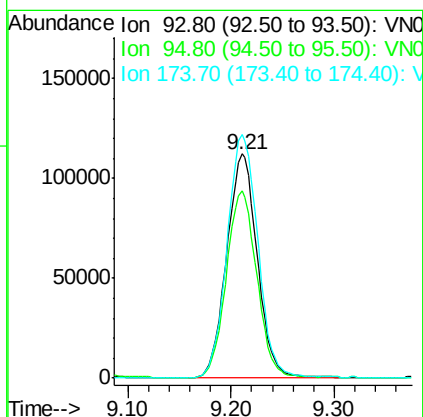
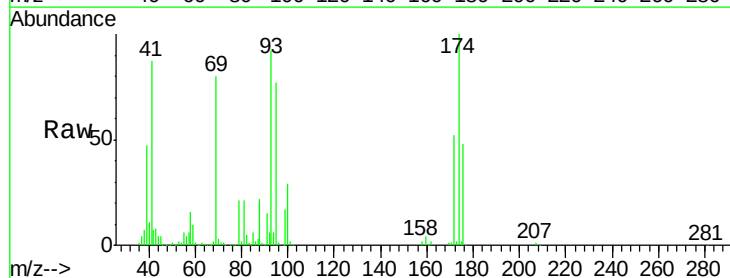
Instrument :
 MSVOA_N
 ClientSampled :

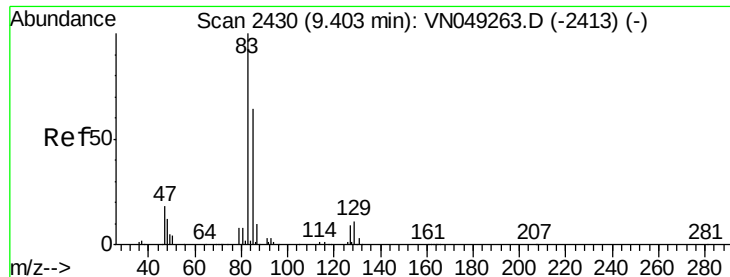
Tot Ion: 63 Resp: 400954
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2



#46
 Dibromomethane
 Concen: 19.91 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Tgt Ion: 93 Resp: 232860
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.2 100.8
 174 109.2 75.6 113.4





#47

Bromodichloromethane

Concen: 19.75 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :
MSVOA_N
ClientSampleId :

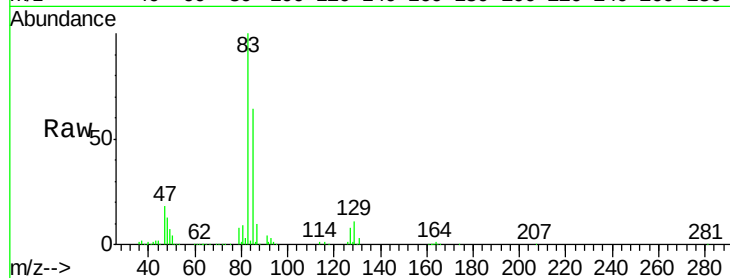
Tot Ion: 83 Resp: 507421

Ion Ratio Lower Upper

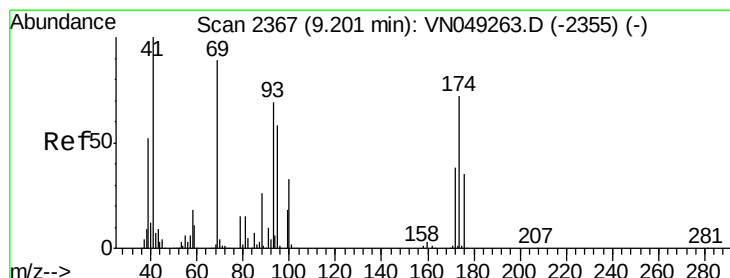
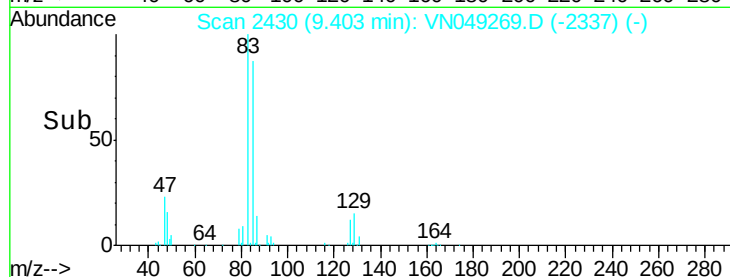
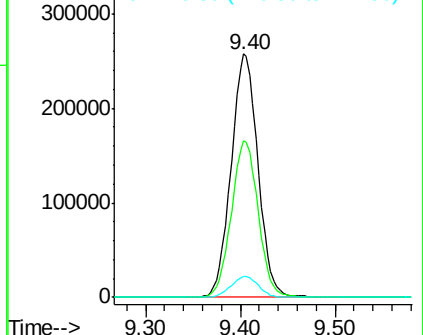
83 100

85 64.2 49.4 74.0

127 8.5 6.3 9.5



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



#48

Methyl methacrylate

Concen: 20.46 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

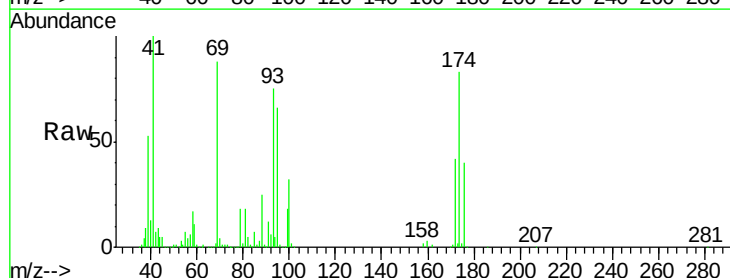
Tgt Ion: 41 Resp: 251356

Ion Ratio Lower Upper

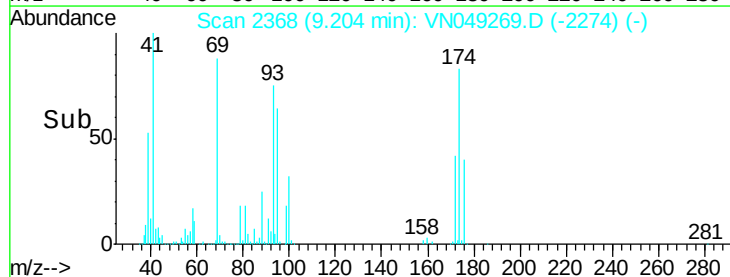
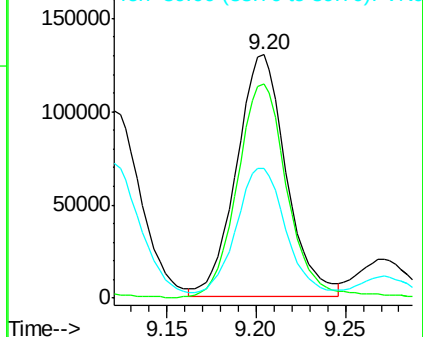
41 100

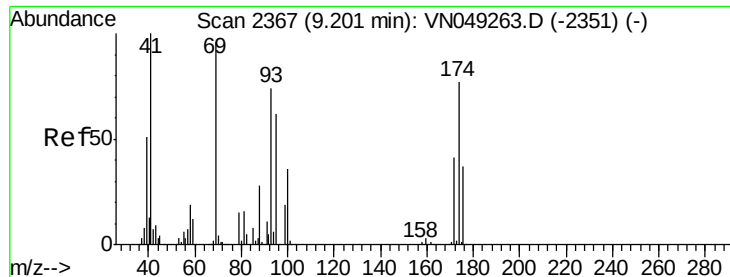
69 88.9 62.0 93.0

39 53.9 50.6 75.8



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





#49

1,4-Dioxane

Concen: 403.53 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :
MSVOA_N
ClientSampled :

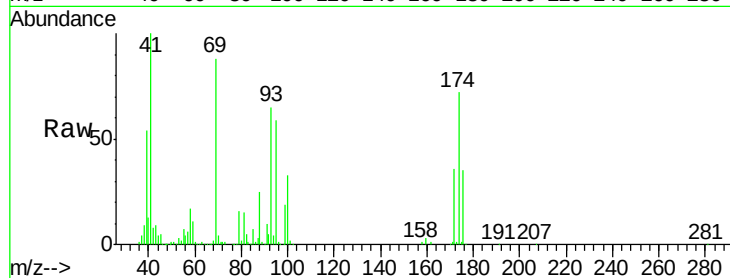
Tot Ion: 88 Resp: 68436

Ion Ratio Lower Upper

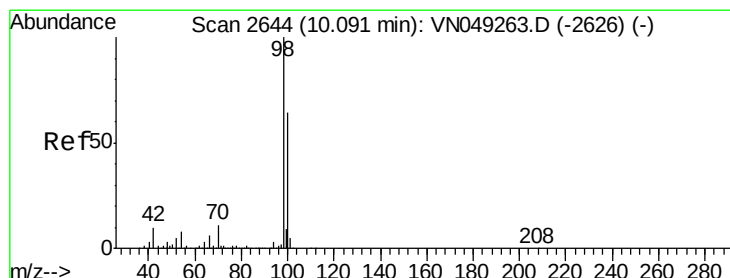
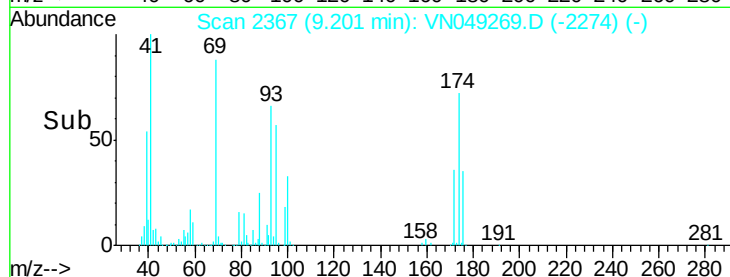
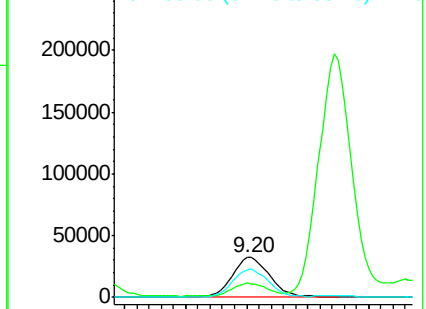
88 100

43 30.0 30.9 46.3#

58 69.6 58.9 88.3



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: 49.61 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049269.D

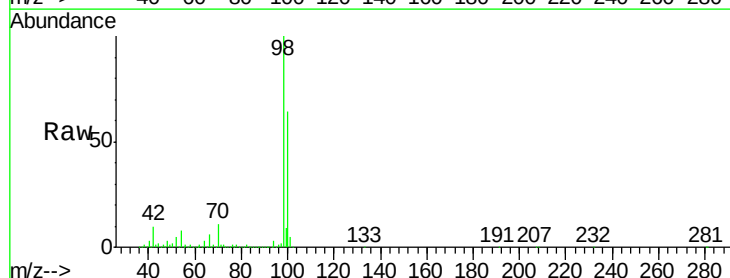
Acq: 15 Jun 2018 19:42

Tgt Ion: 98 Resp: 3349881

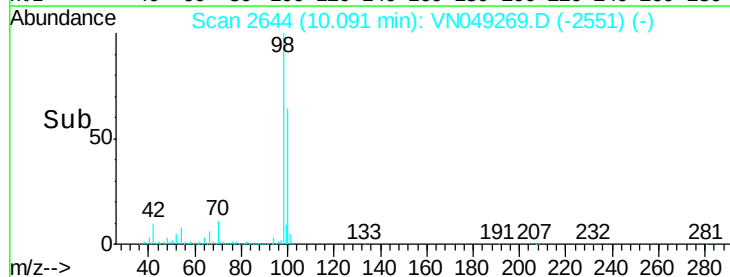
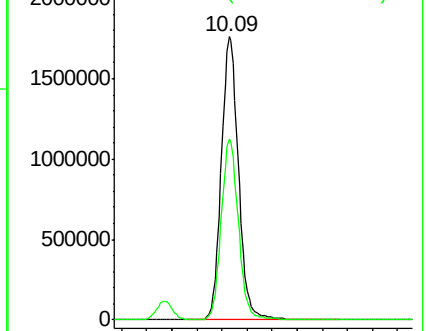
Ion Ratio Lower Upper

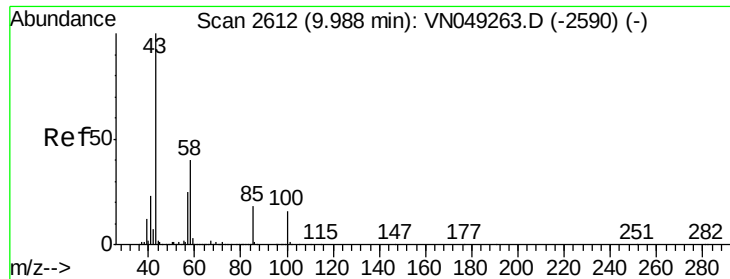
98 100

100 64.2 49.8 74.8



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

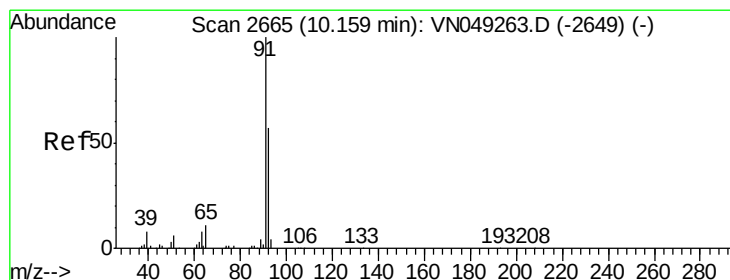
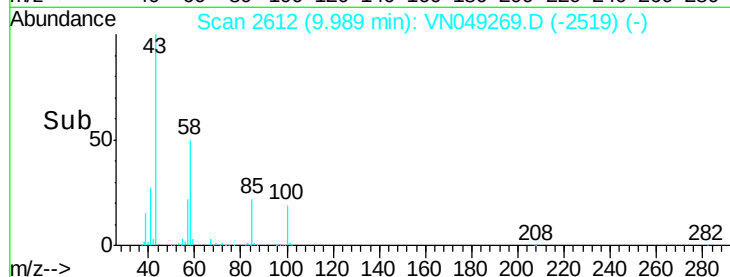
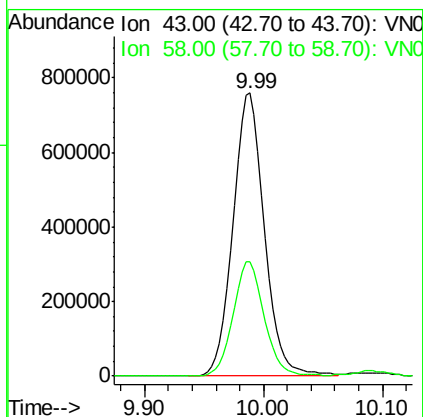
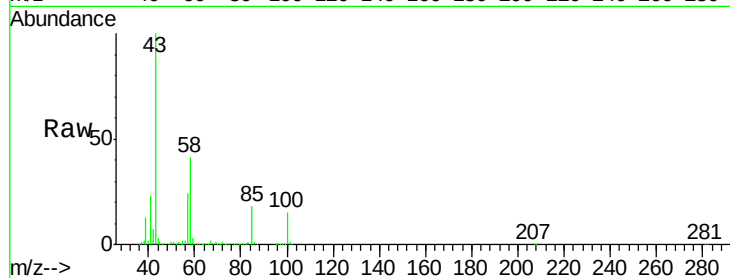




#51
4-Methyl-2-Pentanone
Concen: 101.18 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

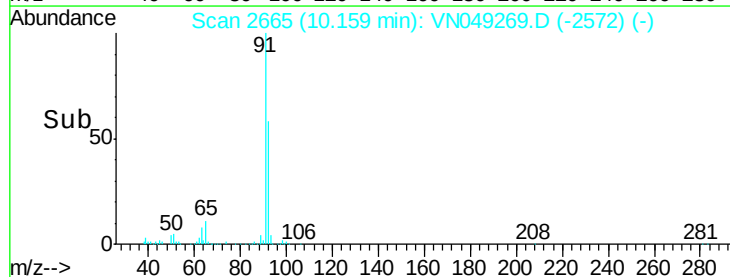
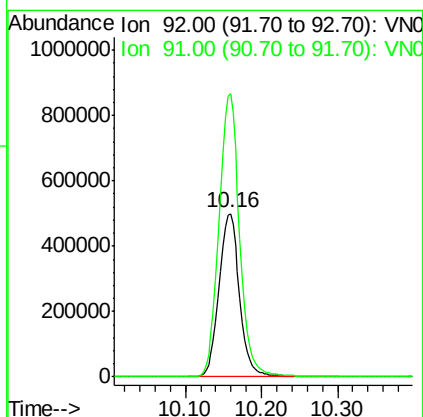
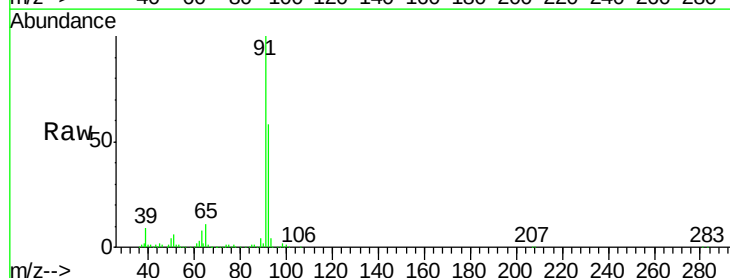
Instrument :
MSVOA_N
ClientSampled :

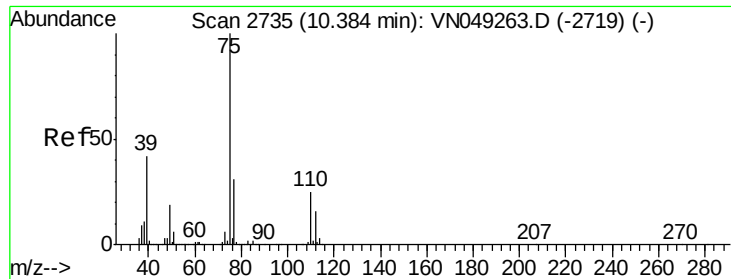
Tot Ion: 43 Resp: 1383704
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 20.62 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 92 Resp: 932191
Ion Ratio Lower Upper
92 100
91 174.9 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 19.47 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

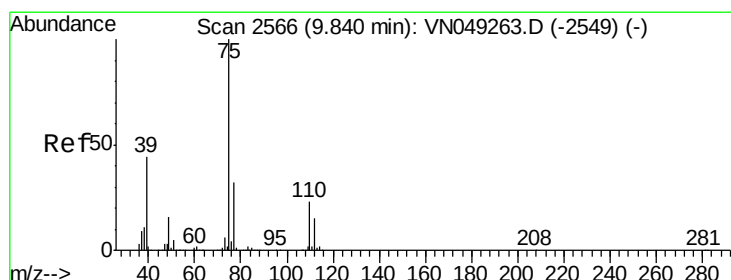
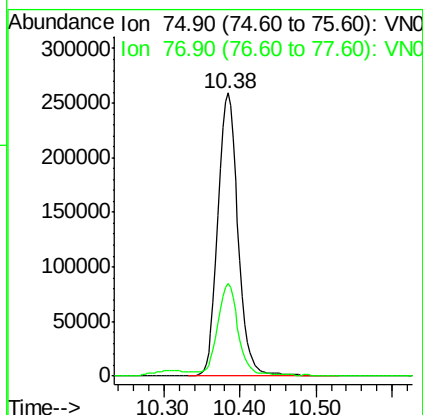
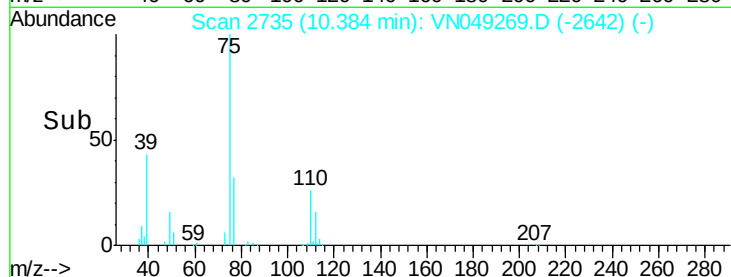
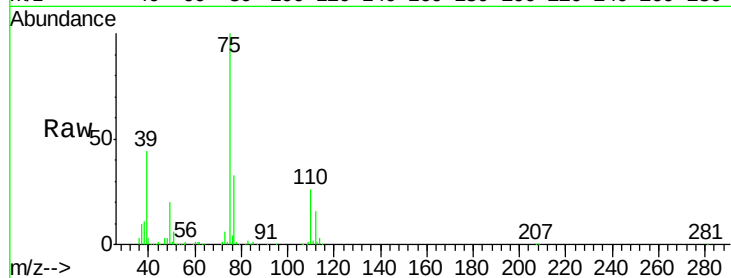
ClientSampled :

Tot Ion: 75 Resp: 478598

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.84 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

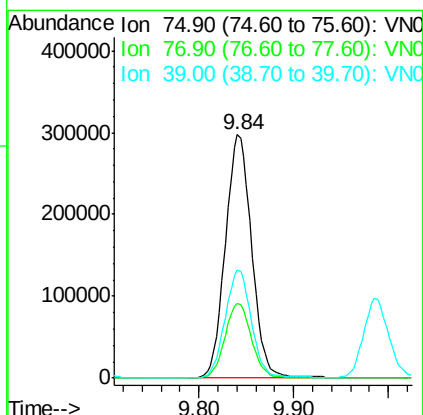
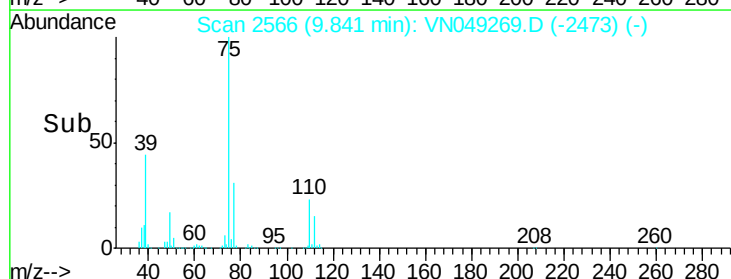
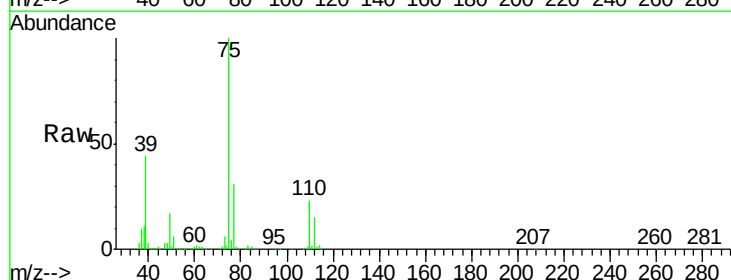
Tgt Ion: 75 Resp: 575782

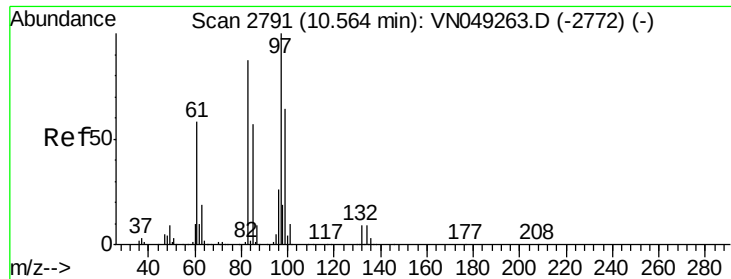
Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 44.1 45.1 67.7#

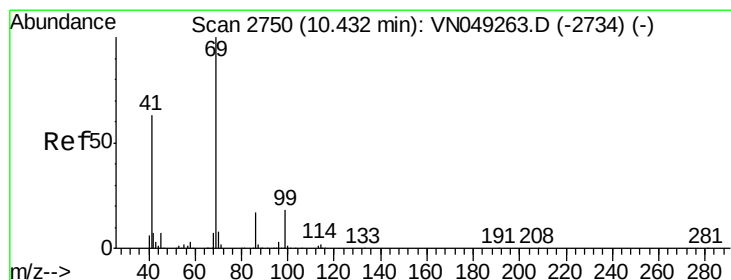
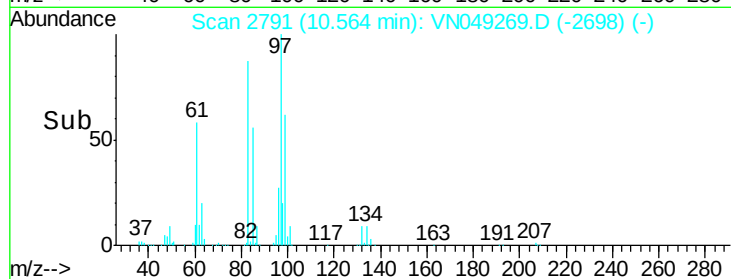
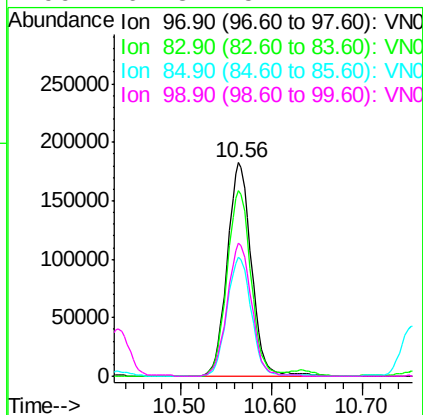
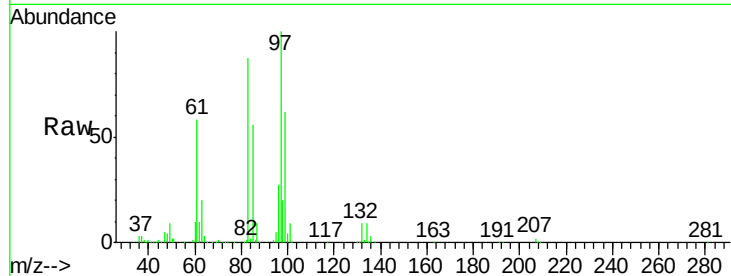




#55
 1,1,2-Trichloroethane
 Concen: 20.02 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

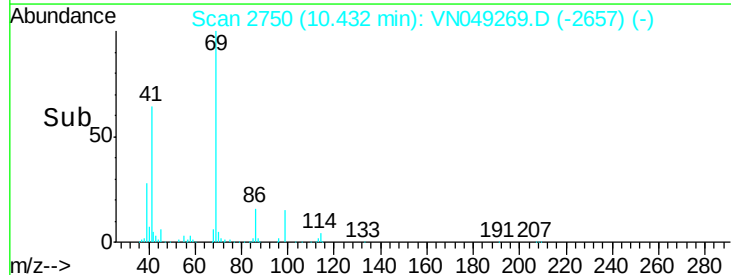
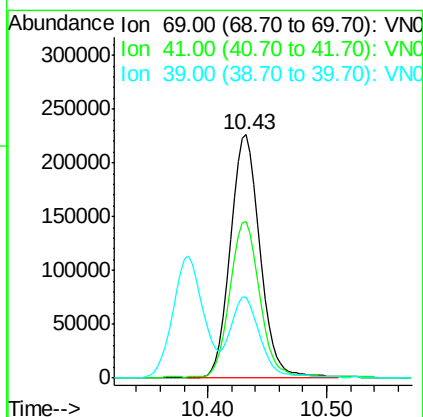
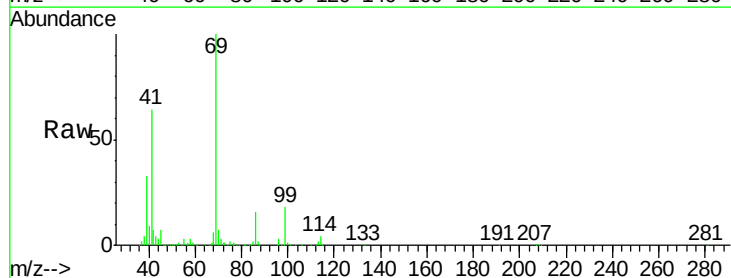
Instrument :
 MSVOA_N
 ClientSampled :

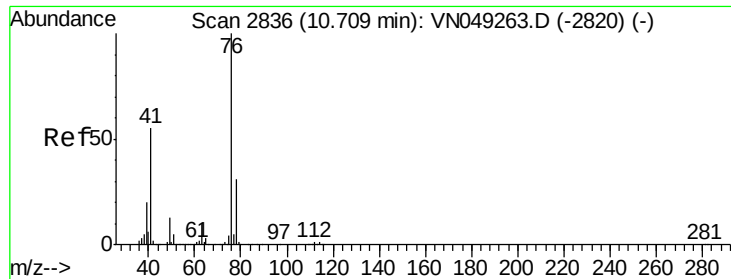
Tot Ion:	97	Resp:	337309
Ion	Ratio	Lower	Upper
97	100		
83	86.9	71.5	107.3
85	55.5	47.0	70.4
99	62.3	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 20.17 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Tgt Ion:	69	Resp:	392079
Ion	Ratio	Lower	Upper
69	100		
41	63.6	58.4	87.6
39	33.2	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 19.64 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

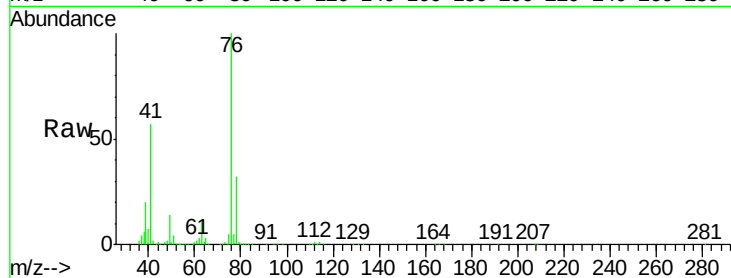
ClientSampleId :

Tot Ion: 76 Resp: 548402

Ion Ratio Lower Upper

76 100

78 32.7 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN049269.D (-2743) (-)

Ion 77.90 (77.60 to 78.60): VN049269.D (-2743) (-)

10.71

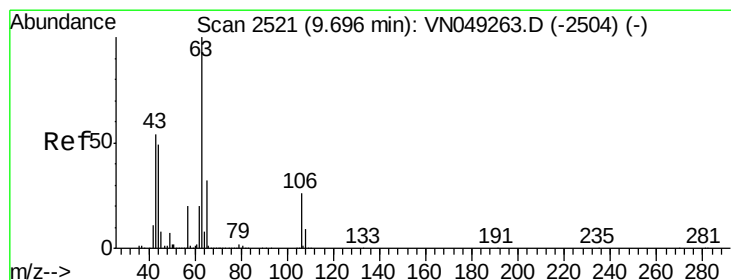
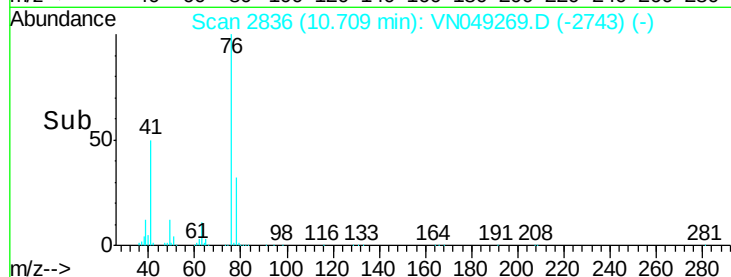
300000

200000

100000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 89.98 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049269.D

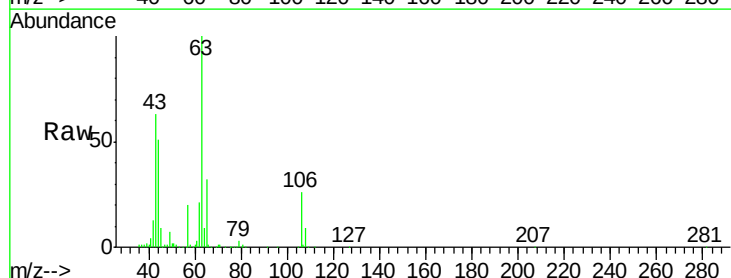
Acq: 15 Jun 2018 19:42

Tgt Ion: 63 Resp: 557787

Ion Ratio Lower Upper

63 100

106 26.7 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN049269.D (-2427) (-)

Ion 105.90 (105.60 to 106.60): VN049269.D (-2427) (-)

9.70

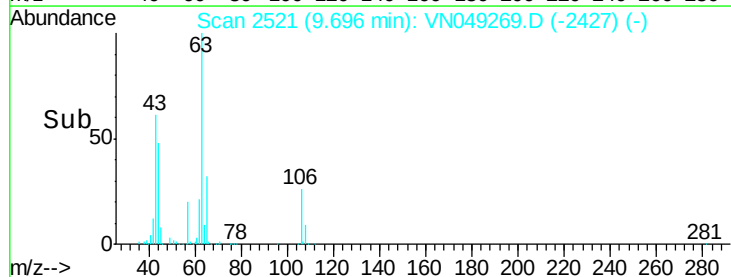
300000

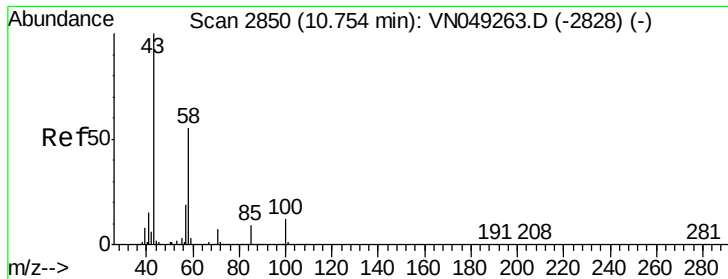
200000

100000

0

Time--> 9.60 9.70 9.80

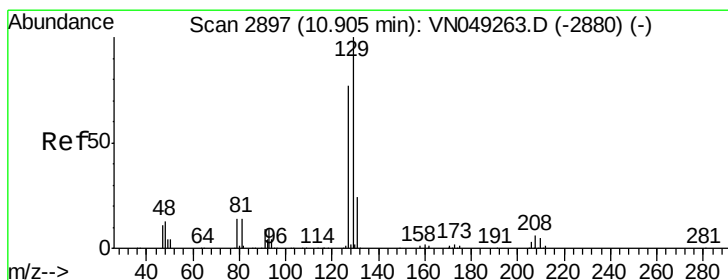
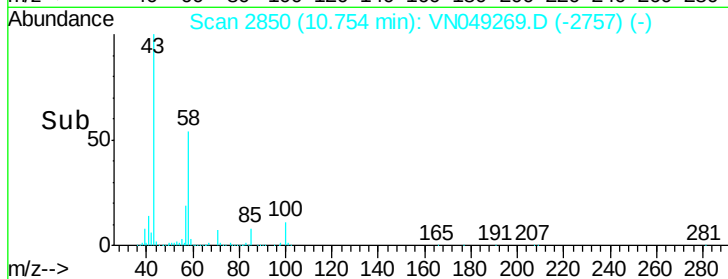
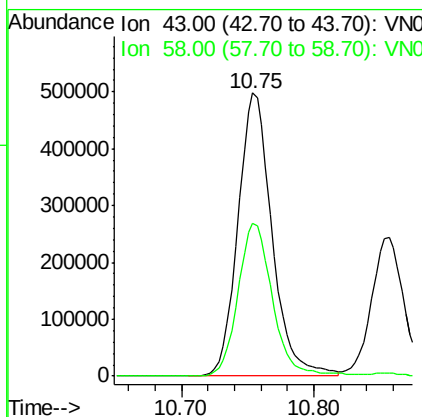
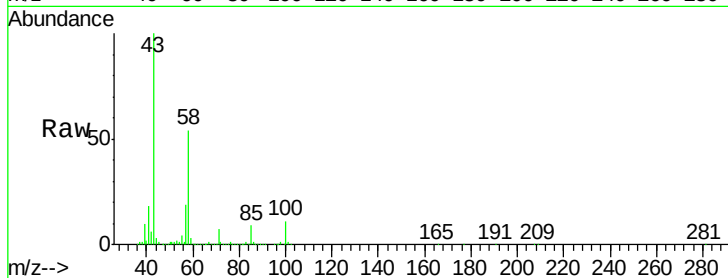




#59
2-Hexanone
Concen: 100.53 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

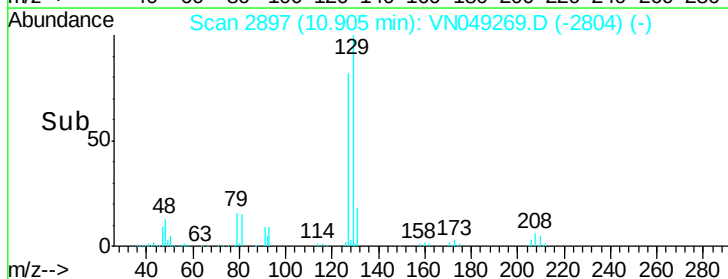
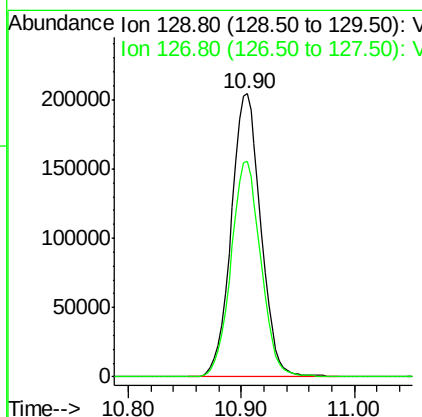
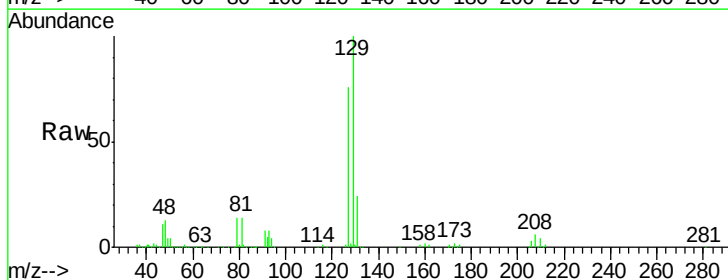
Instrument :
MSVOA_N
ClientSampled :

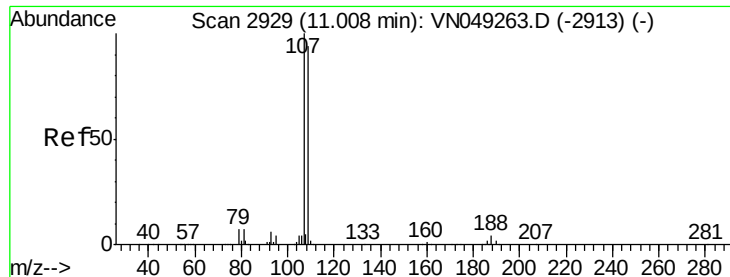
Tot Ion: 43 Resp: 886320
Ion Ratio Lower Upper
43 100
58 54.9 25.2 75.6



#60
Dibromochloromethane
Concen: 19.74 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 129 Resp: 371196
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2

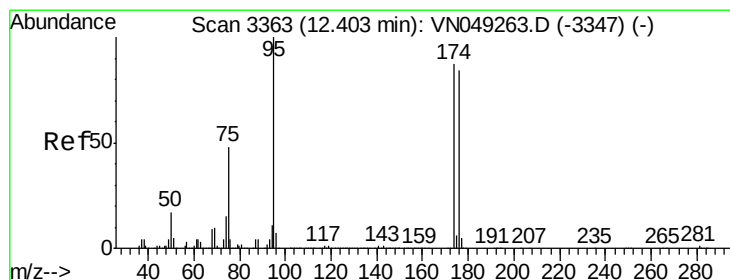
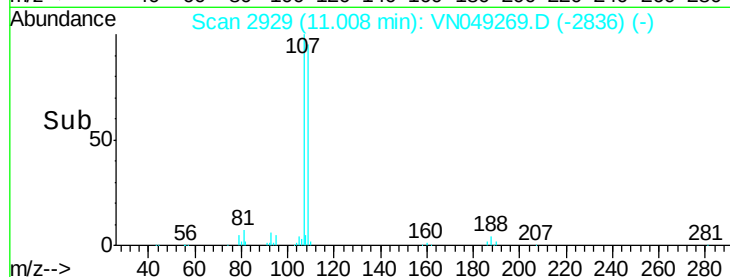
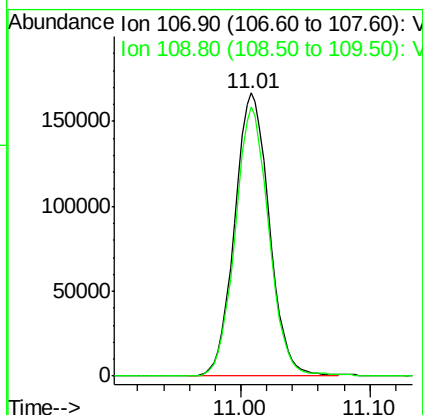
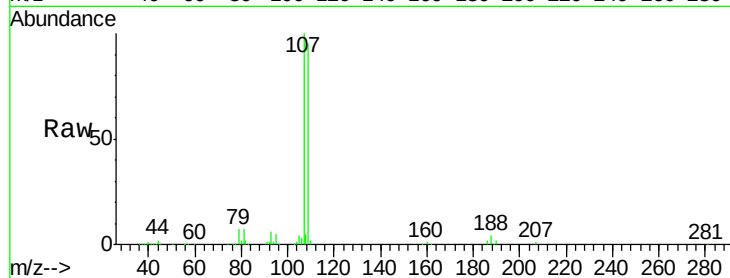




#61
 1,2-Dibromoethane
 Concen: 19.85 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

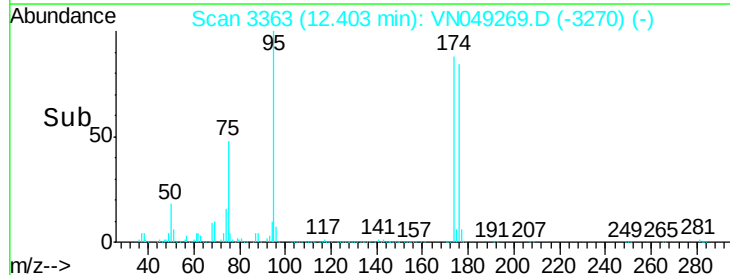
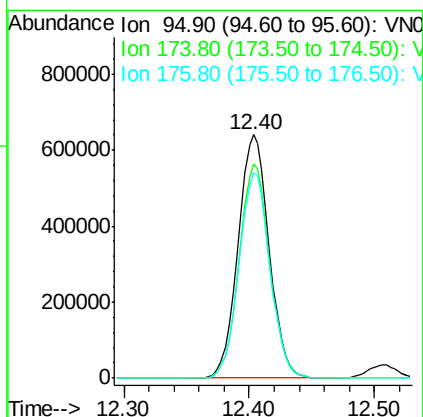
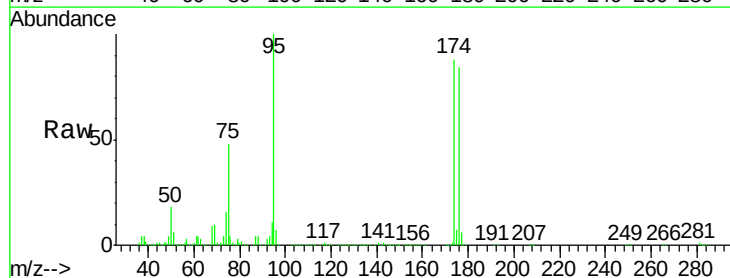
Instrument :
 MSVOA_N
 ClientSampleId :

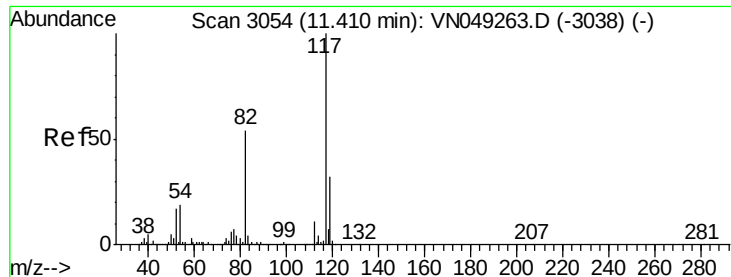
Tot Ion: 107 Resp: 310853
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.03 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Tgt Ion: 95 Resp: 1094688
 Ion Ratio Lower Upper
 95 100
 174 87.0 0.0 165.6
 176 84.5 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampled :

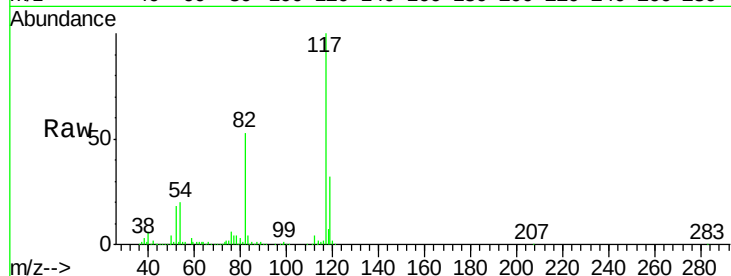
Tot Ion:117 Resp: 1980121

Ion Ratio Lower Upper

117 100

82 53.1 45.9 68.9

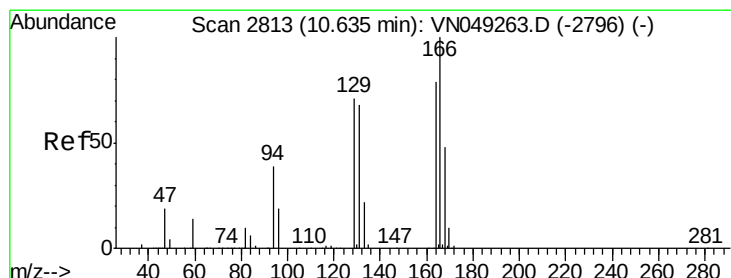
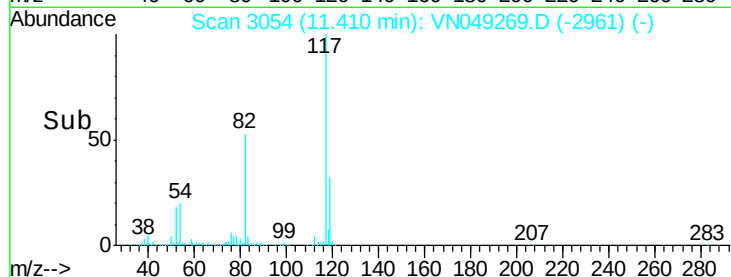
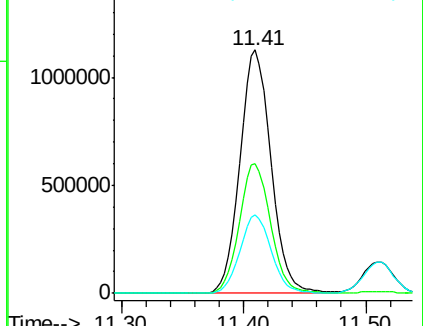
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.97 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Tgt Ion:164 Resp: 405111

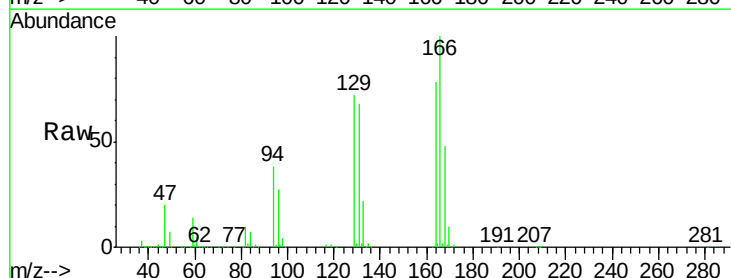
Ion Ratio Lower Upper

164 100

166 129.0 101.4 152.2

129 92.5 74.1 111.1

131 87.7 73.7 110.5

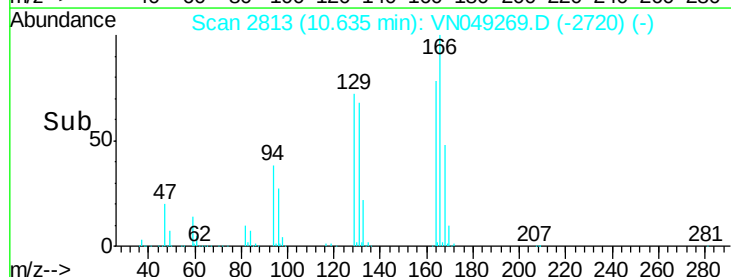
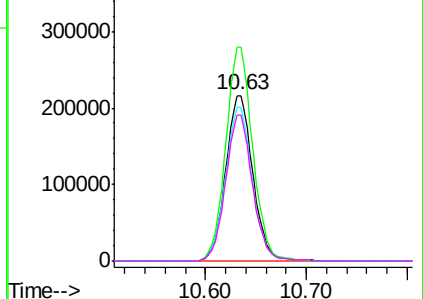


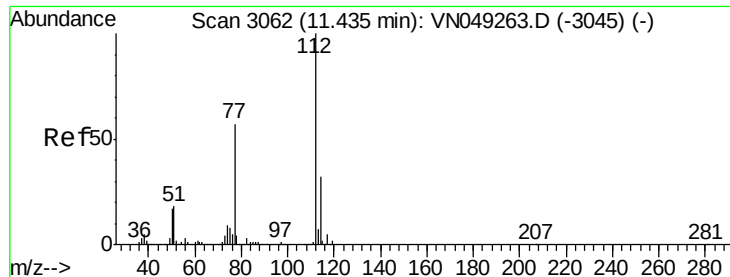
Abundance Ion 163.80 (163.50 to 164.50): V

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

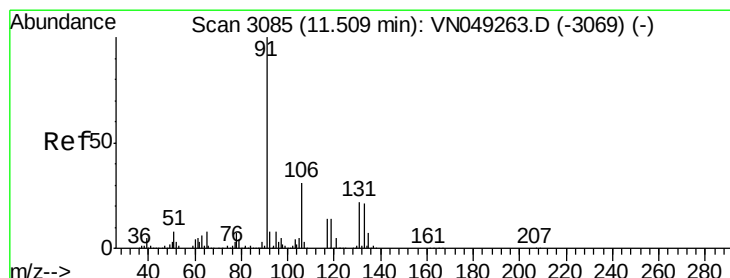
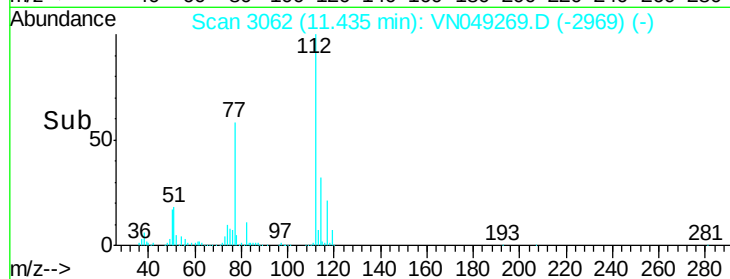
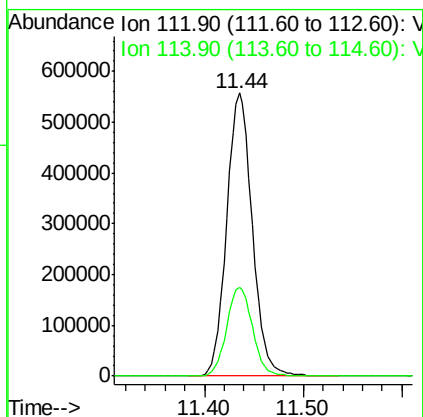
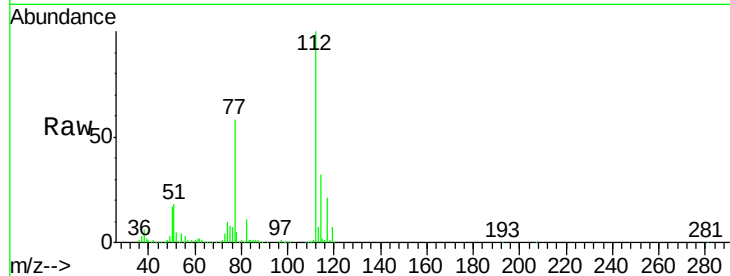




#65
Chlorobenzene
Concen: 19.69 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

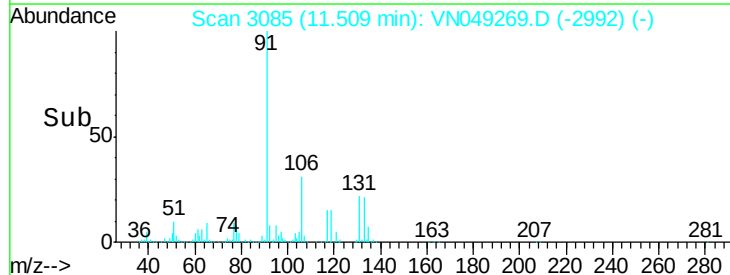
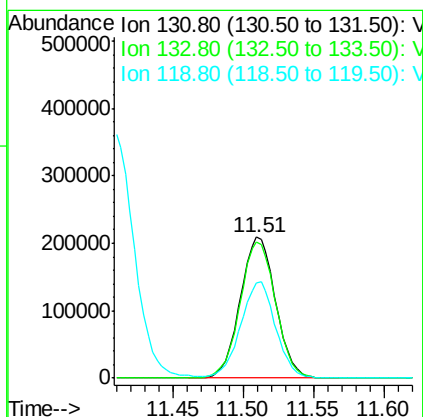
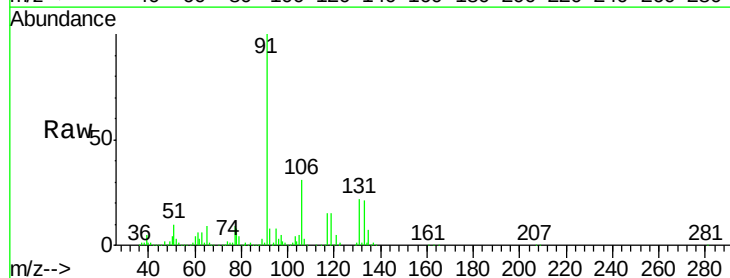
Instrument :
MSVOA_N
ClientSampled :

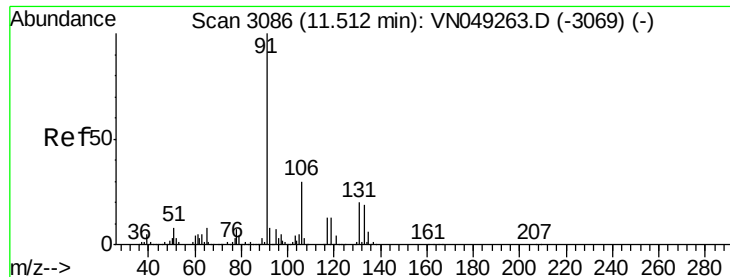
Tot Ion:112 Resp: 1004631
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.11 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion:131 Resp: 366809
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.2
119 67.7 33.6 100.8





#67

Ethyl Benzene

Concen: 20.05 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

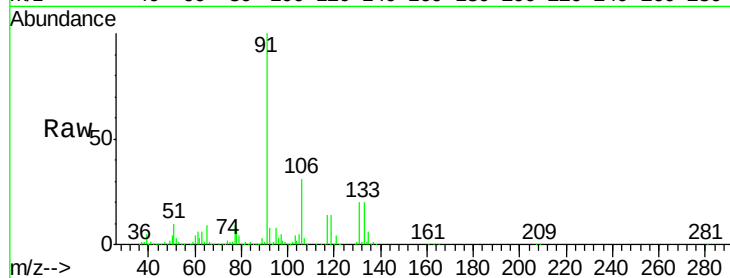
ClientSampled :

Tot Ion: 91 Resp: 1696456

Ion Ratio Lower Upper

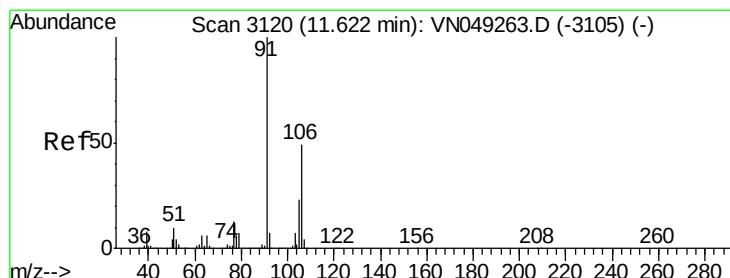
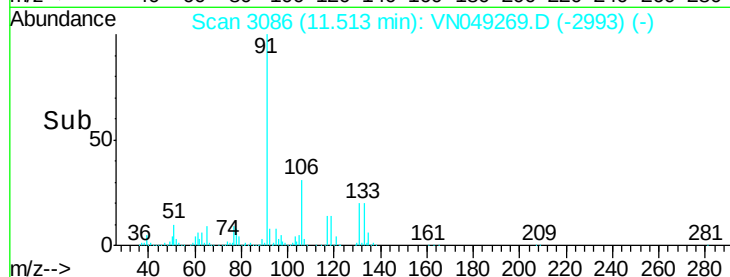
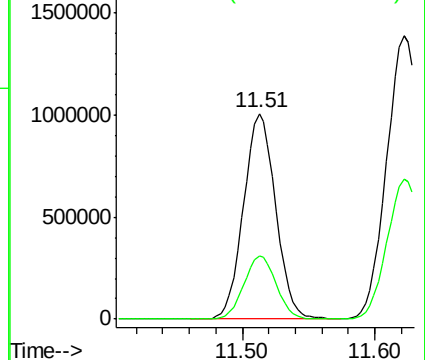
91 100

106 30.9 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.37 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049269.D

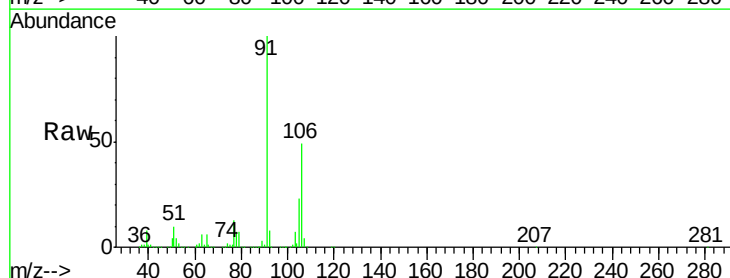
Acq: 15 Jun 2018 19:42

Tgt Ion:106 Resp: 1313463

Ion Ratio Lower Upper

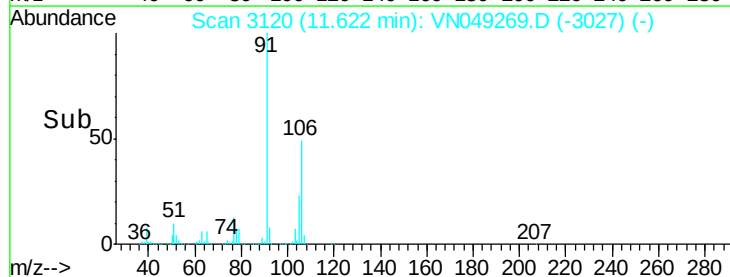
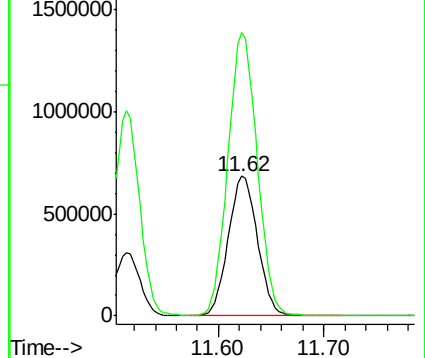
106 100

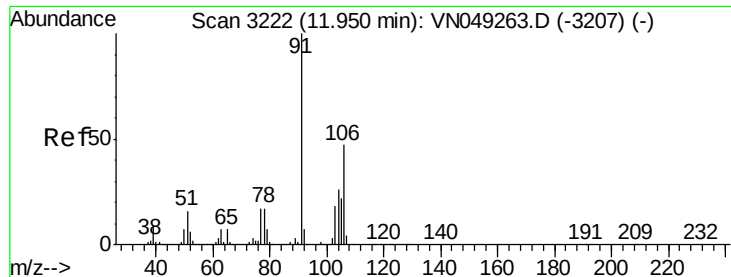
91 202.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

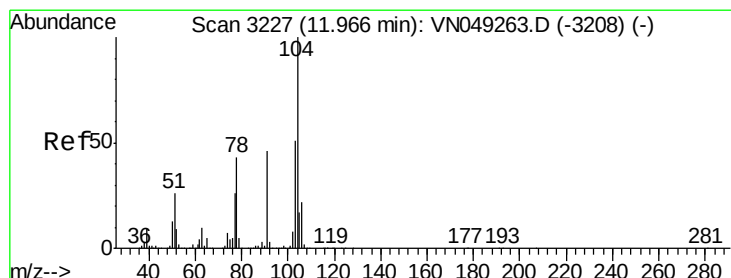
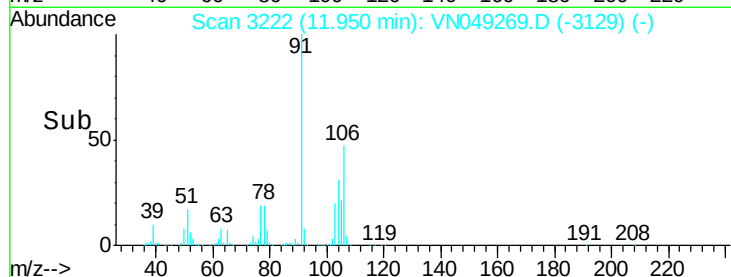
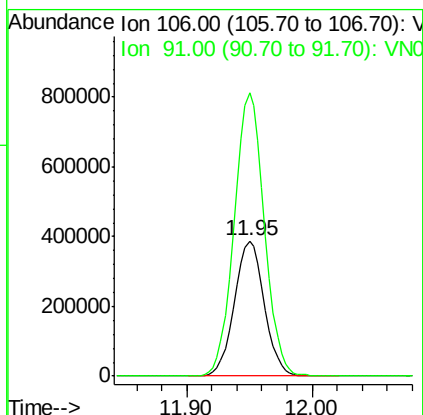
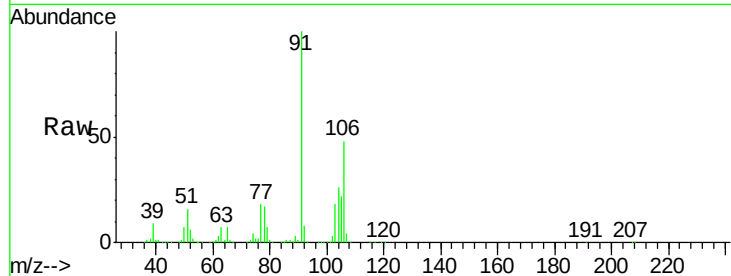




#69
o-Xylene
Concen: 20.96 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

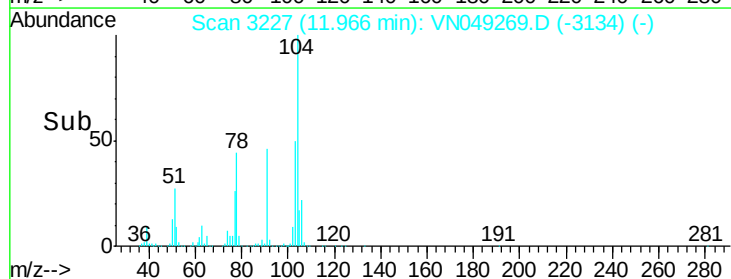
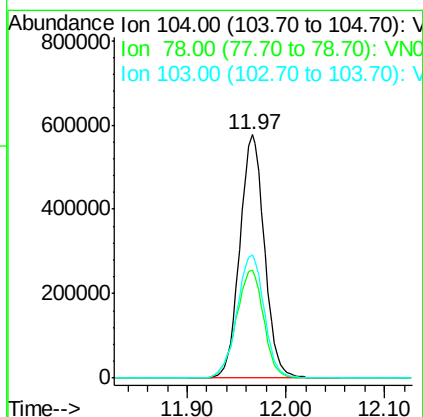
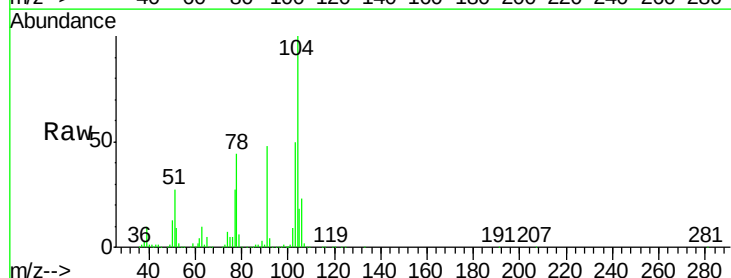
Instrument :
MSVOA_N
ClientSampled :

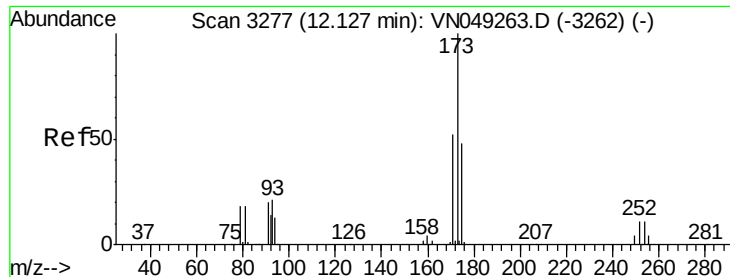
Tot Ion:106 Resp: 640906
Ion Ratio Lower Upper
106 100
91 210.5 111.0 333.0



#70
Styrene
Concen: 20.64 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion:104 Resp: 996057
Ion Ratio Lower Upper
104 100
78 49.3 41.6 62.4
103 56.0 45.4 68.2

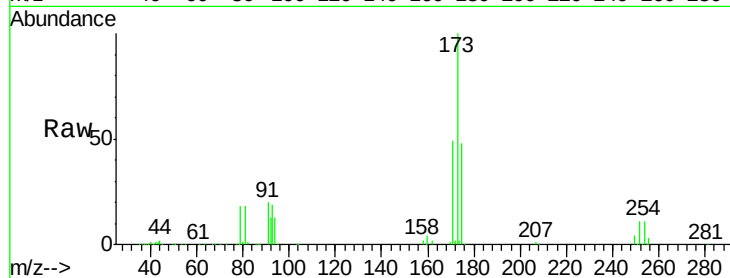




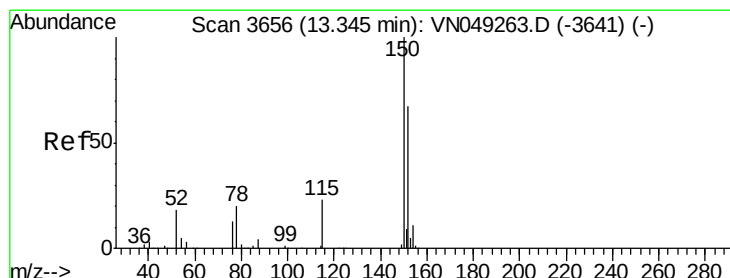
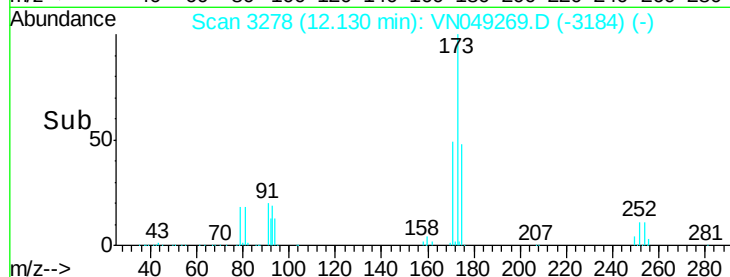
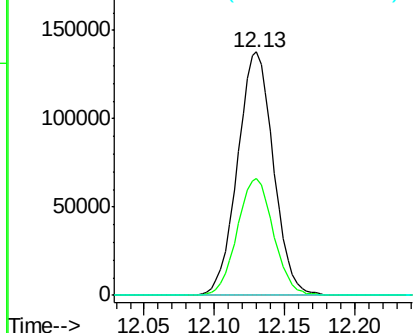
#71
Bromoform
Concen: 19.76 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 245492
Ion Ratio Lower Upper
173 100
175 48.3 24.5 73.5
254 0.1 0.1 0.1#

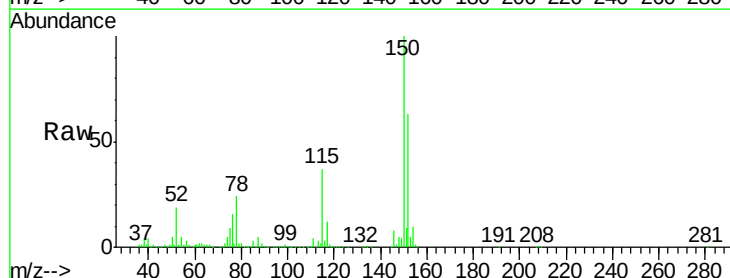


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

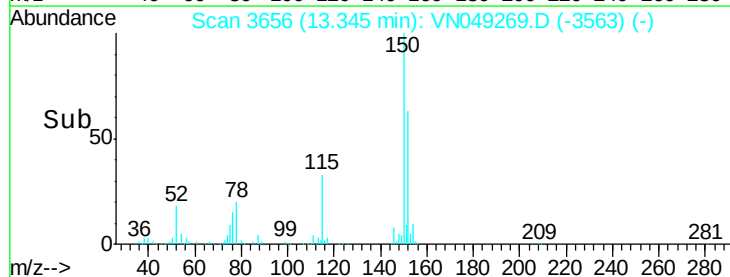
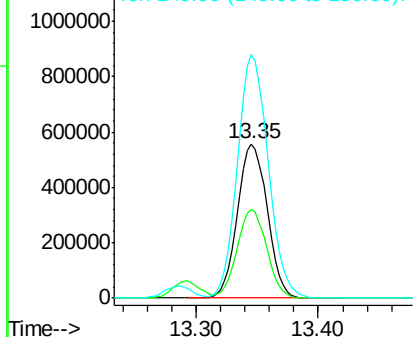


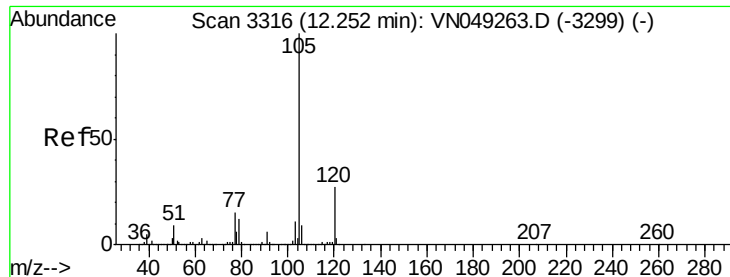
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion:152 Resp: 938533
Ion Ratio Lower Upper
152 100
115 57.2 28.7 86.1
150 163.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 20.49 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

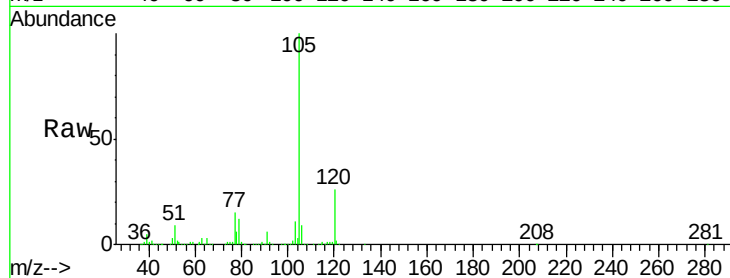
ClientSampled :

Tot Ion:105 Resp: 1688195

Ion Ratio Lower Upper

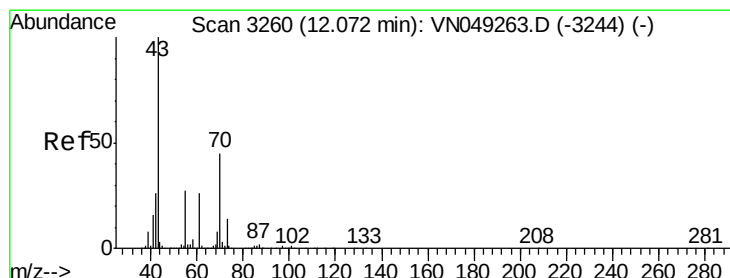
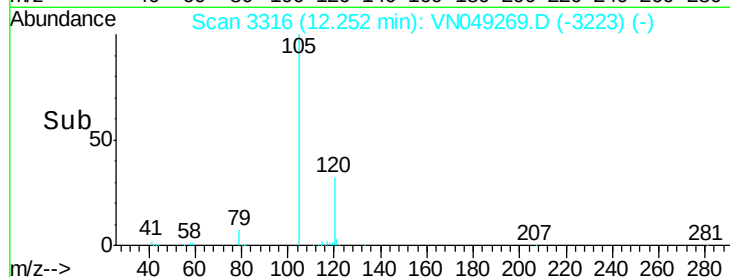
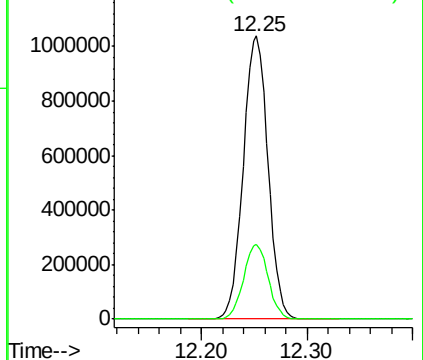
105 100

120 26.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.44 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Tgt Ion: 43 Resp: 392370

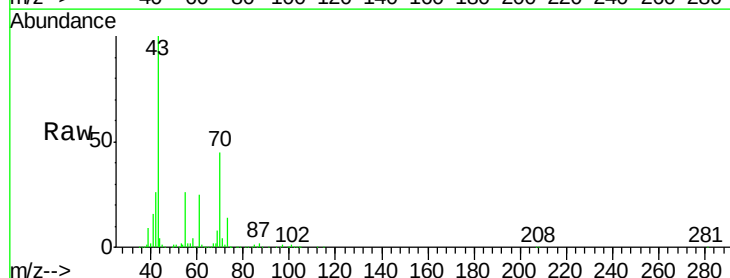
Ion Ratio Lower Upper

43 100

70 43.9 30.3 45.5

55 26.6 19.4 29.2

61 25.0 17.8 26.6

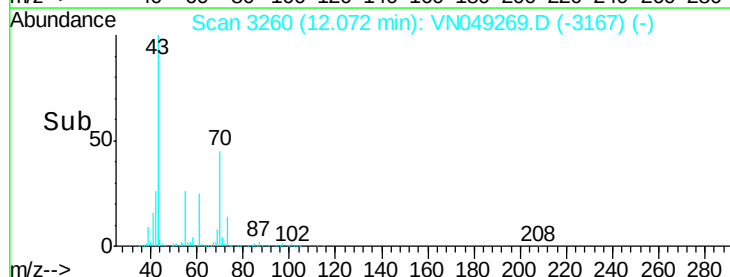
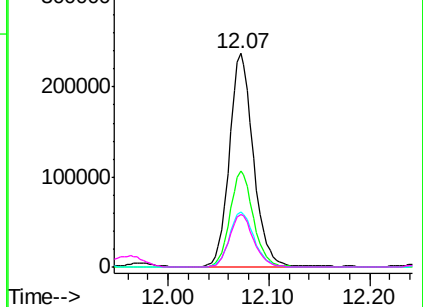


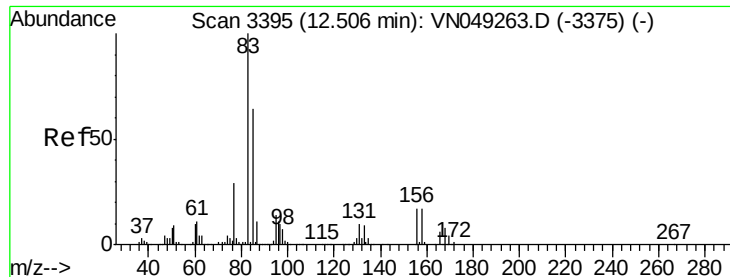
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.72 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampleId :

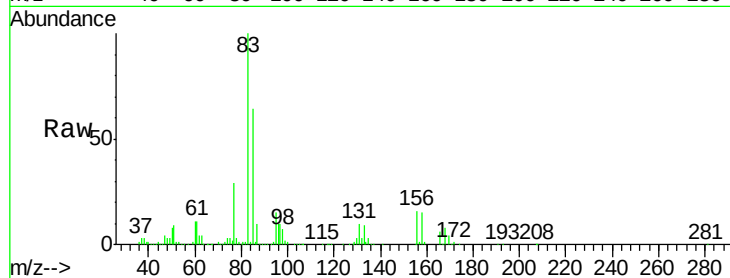
Tot Ion: 83 Resp: 389649

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 63.4 32.0 96.0

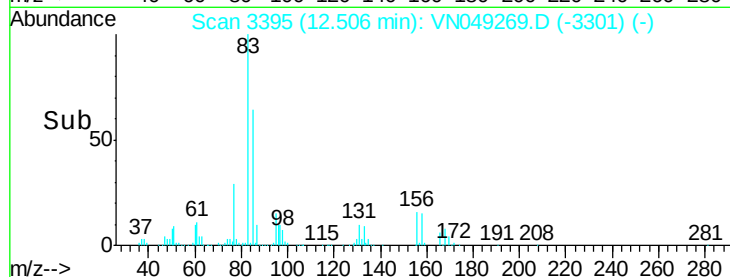


Abundance Ion 82.90 (82.60 to 83.60): VN049269.D (-3375) (-)

Ion 130.80 (130.50 to 131.50): VN049269.D (-3375) (-)

Ion 84.90 (84.60 to 85.60): VN049269.D (-3375) (-)

Time-->

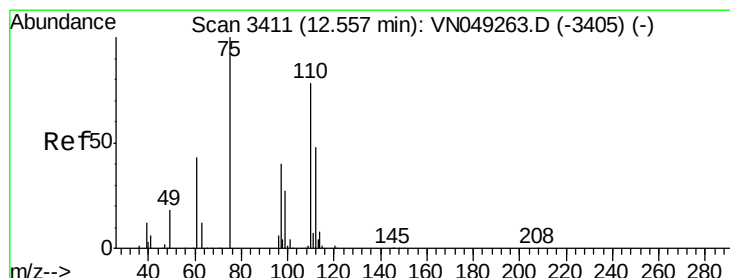


Abundance Ion 82.90 (82.60 to 83.60): VN049269.D (-3375) (-)

Ion 130.80 (130.50 to 131.50): VN049269.D (-3375) (-)

Ion 84.90 (84.60 to 85.60): VN049269.D (-3375) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 29.42 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049269.D

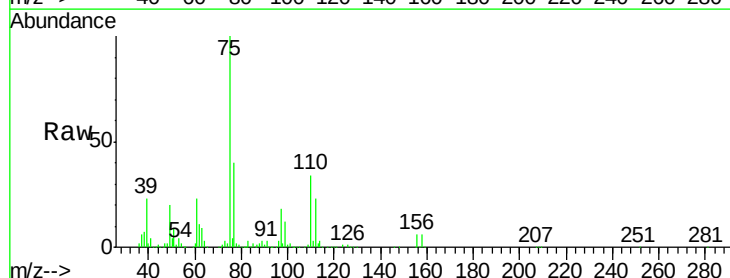
Acq: 15 Jun 2018 19:42

Tgt Ion: 75 Resp: 471118

Ion Ratio Lower Upper

75 100

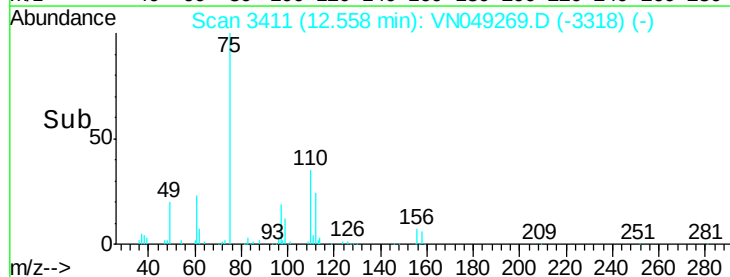
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049269.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049269.D (-3405) (-)

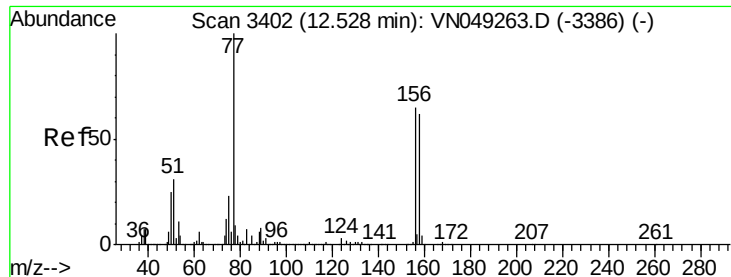
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN049269.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049269.D (-3405) (-)

Time-->



#77

Bromobenzene

Concen: 18.94 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampled :

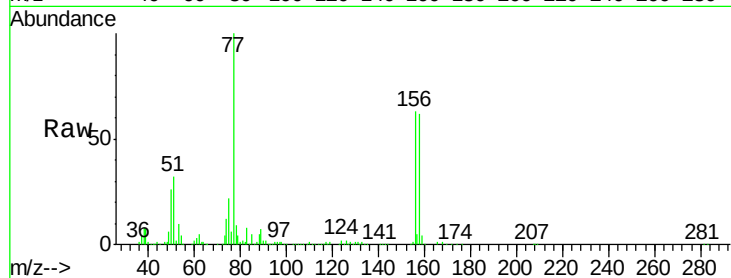
Tot Ion:156 Resp: 412251

Ion Ratio Lower Upper

156 100

77 183.4 100.8 302.4

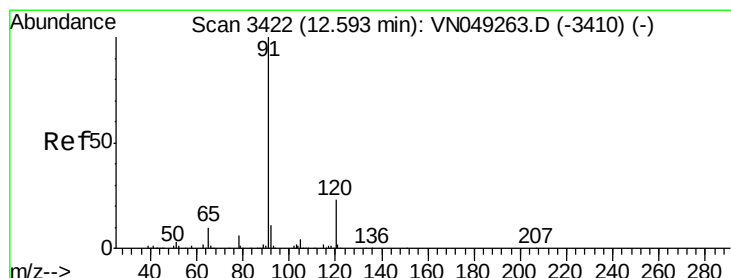
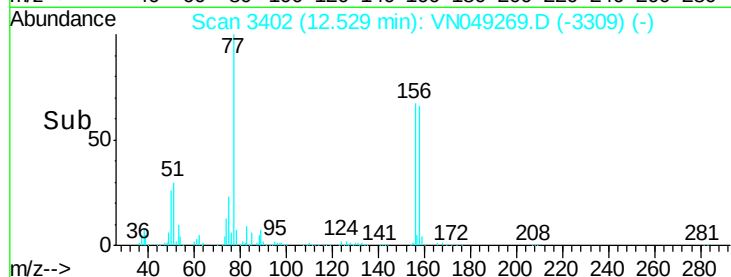
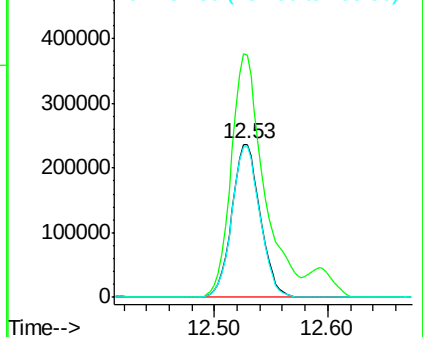
158 97.9 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.71 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049269.D

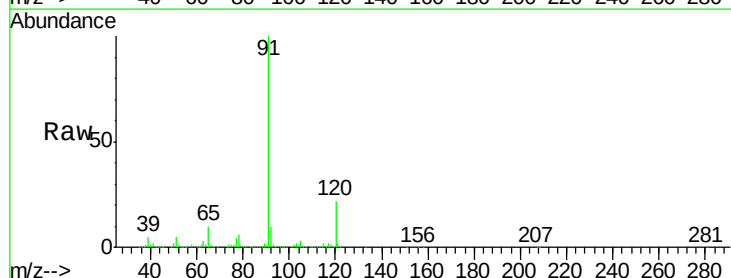
Acq: 15 Jun 2018 19:42

Tgt Ion: 91 Resp: 1874285

Ion Ratio Lower Upper

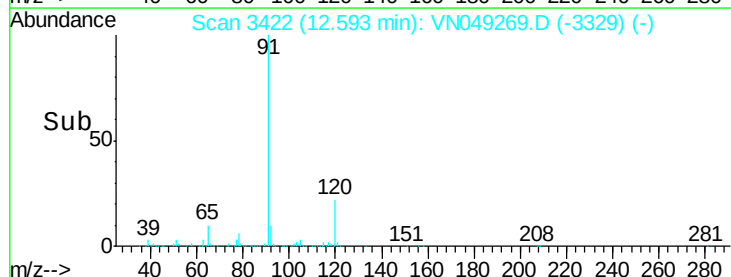
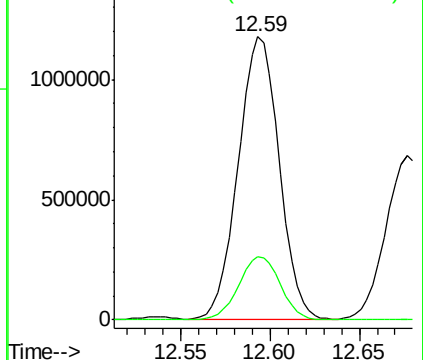
91 100

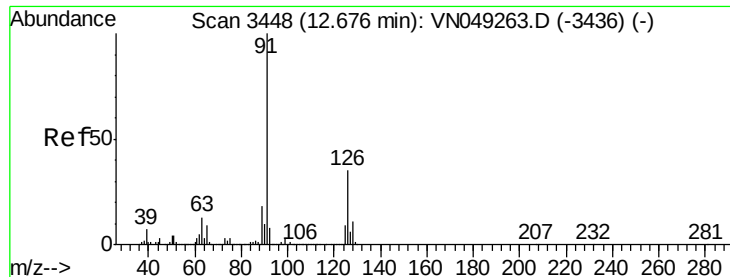
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.97 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

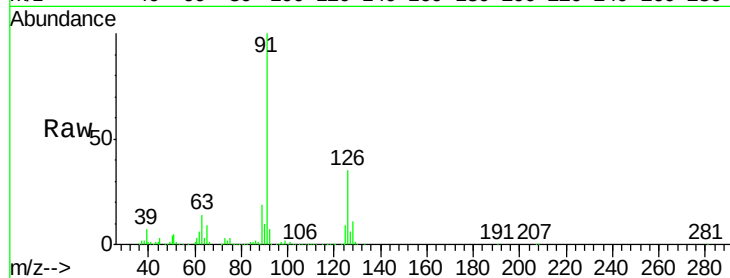
ClientSampleId :

Tot Ion: 91 Resp: 1144648

Ion Ratio Lower Upper

91 100

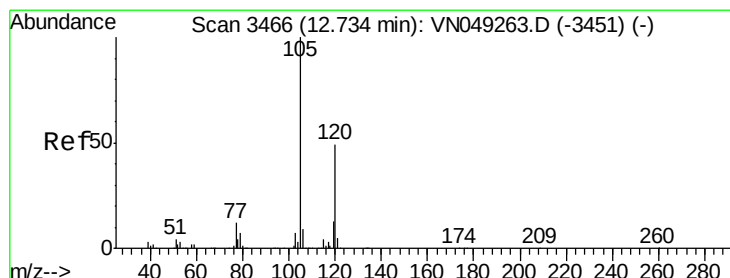
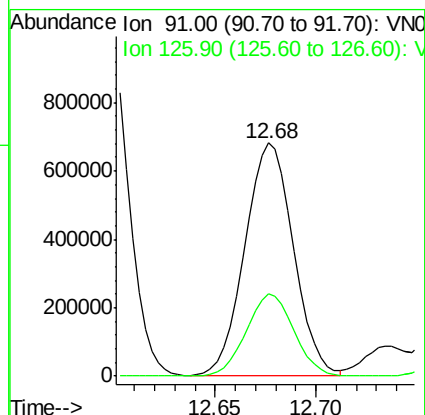
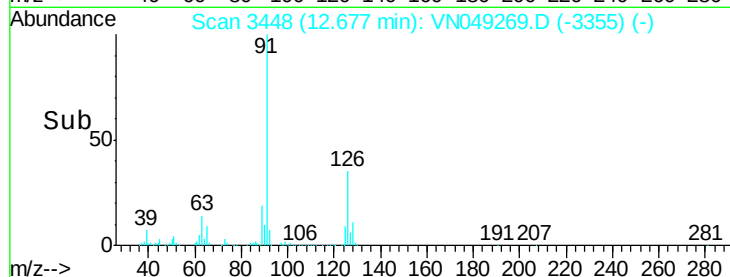
126 34.8 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049269.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049269.D (-3436) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.98 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049269.D

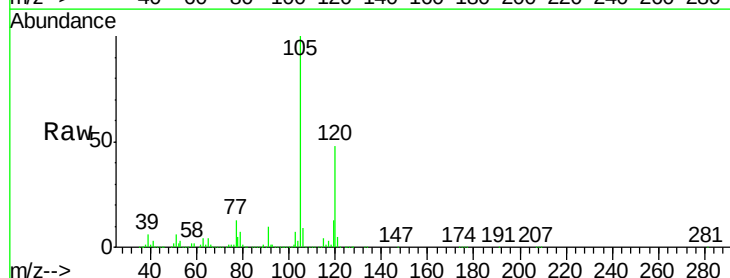
Acq: 15 Jun 2018 19:42

Tgt Ion: 105 Resp: 1358862

Ion Ratio Lower Upper

105 100

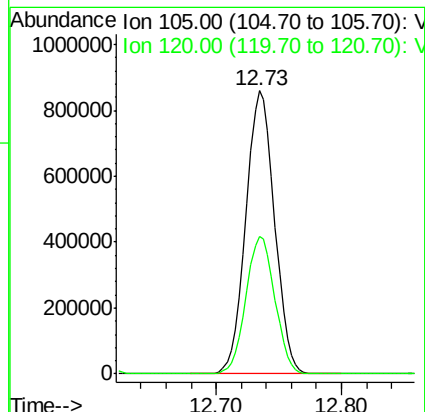
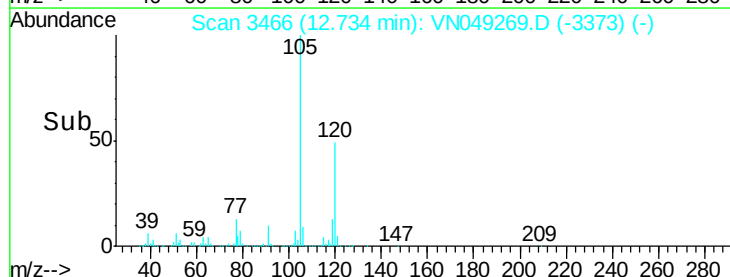
120 49.0 23.5 70.5

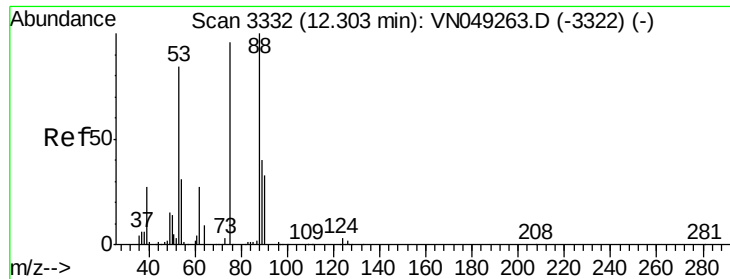


Abundance Ion 105.00 (104.70 to 105.70): VN049269.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN049269.D (-3373) (-)

Time-->

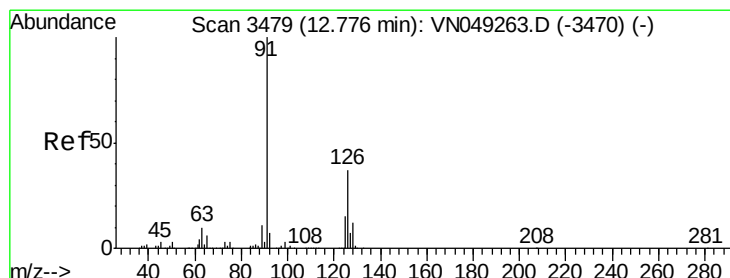
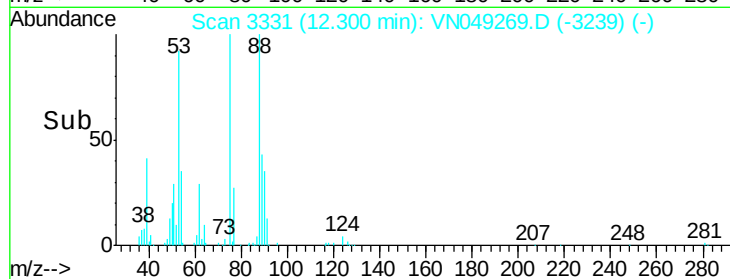
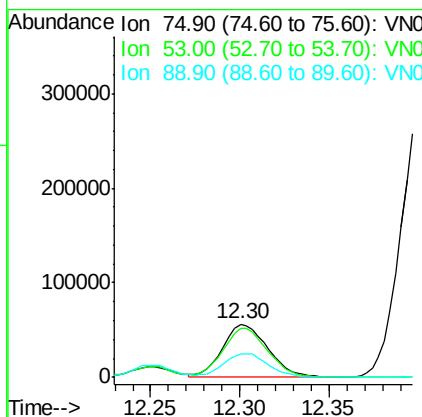
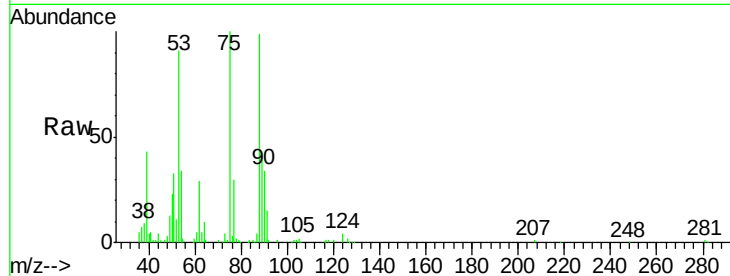




#81
trans-1,4-Dichloro-2-butene
Concen: 19.22 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

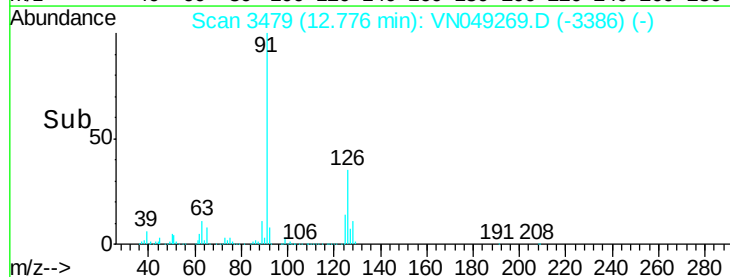
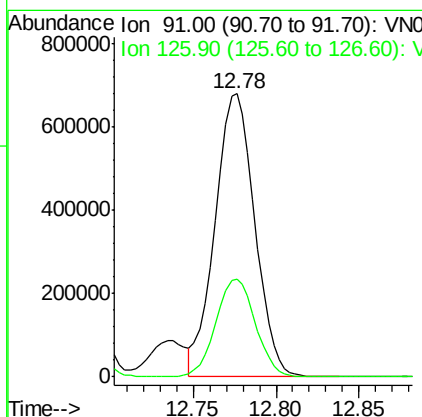
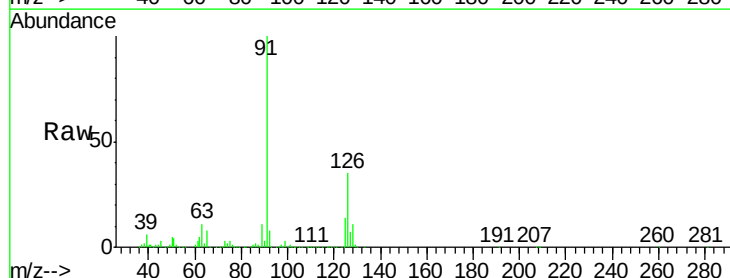
Instrument :
MSVOA_N
ClientSampleId :

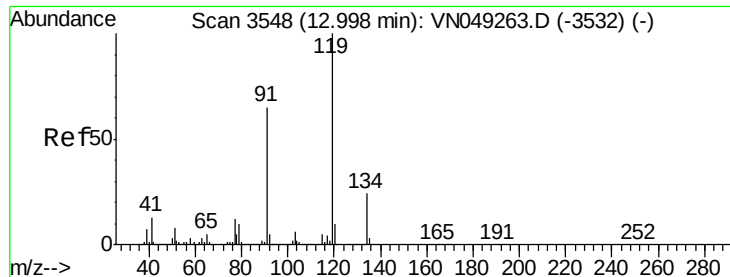
Tot Ion: 75 Resp: 97408
Ion Ratio Lower Upper
75 100
53 93.9 82.7 124.1
89 45.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.36 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion: 91 Resp: 1126062
Ion Ratio Lower Upper
91 100
126 34.6 16.4 49.1

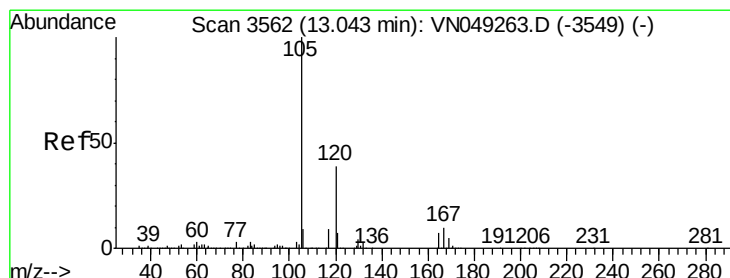
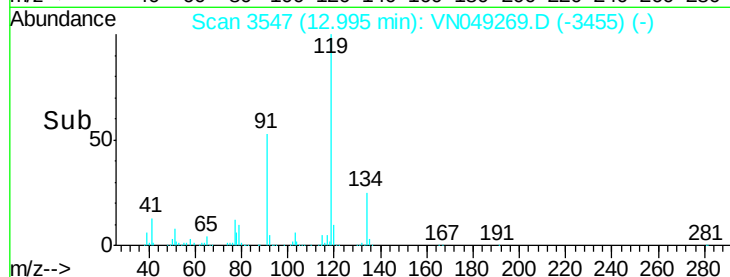
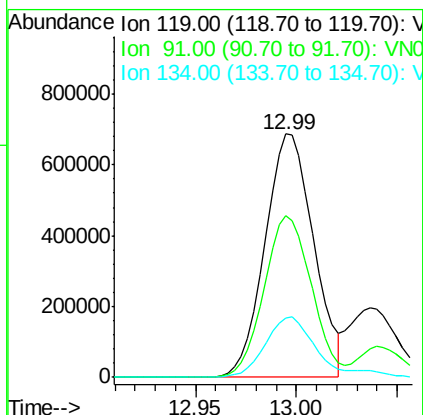
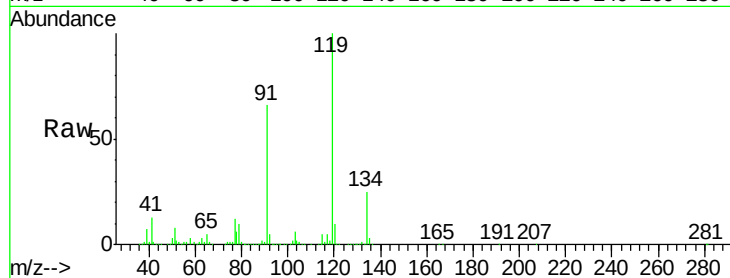




#83
 tert-Butylbenzene
 Concen: 20.11 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

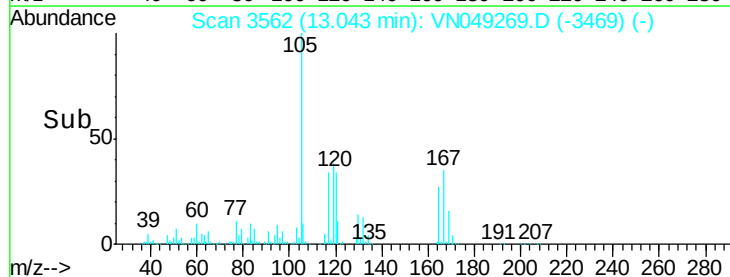
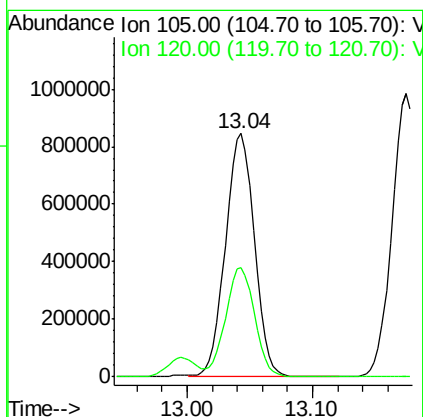
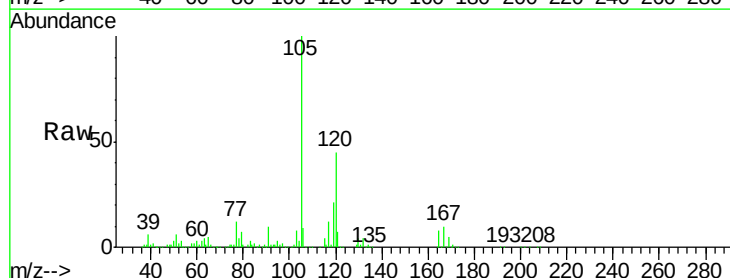
Instrument :
 MSVOA_N
 ClientSampleId :

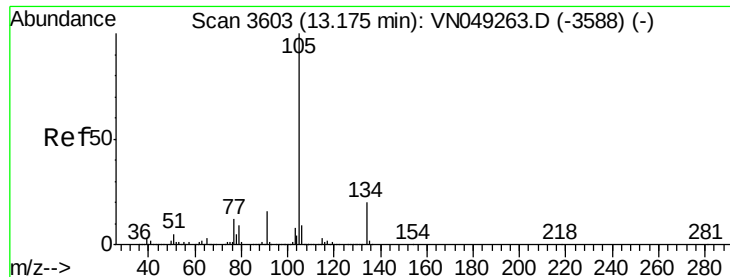
Tot Ion:119 Resp: 1153866
 Ion Ratio Lower Upper
 119 100
 91 64.5 33.7 101.0
 134 26.3 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.06 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Tgt Ion:105 Resp: 1354852
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.28 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

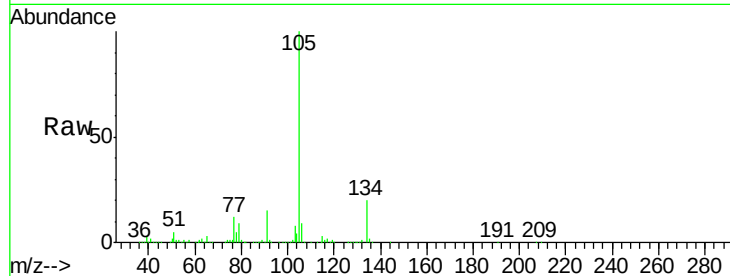
ClientSampleId :

Tot Ion:105 Resp: 1549250

Ion Ratio Lower Upper

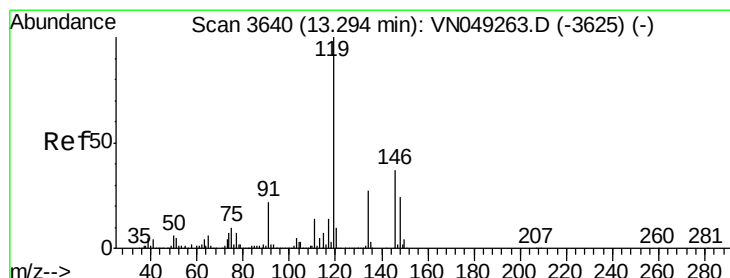
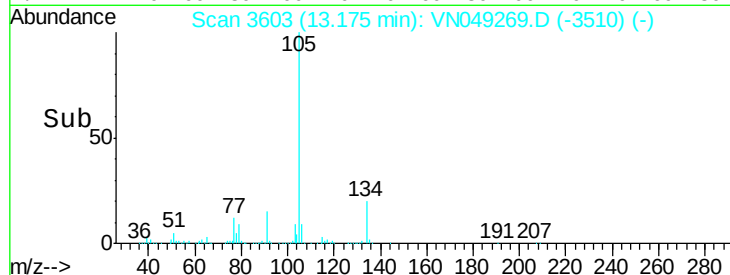
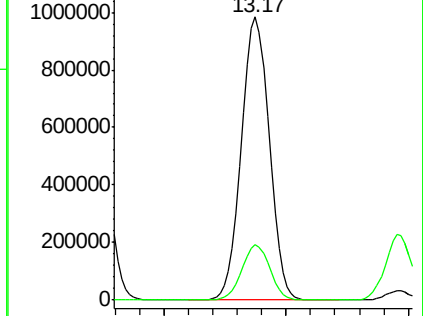
105 100

134 19.5 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.28 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

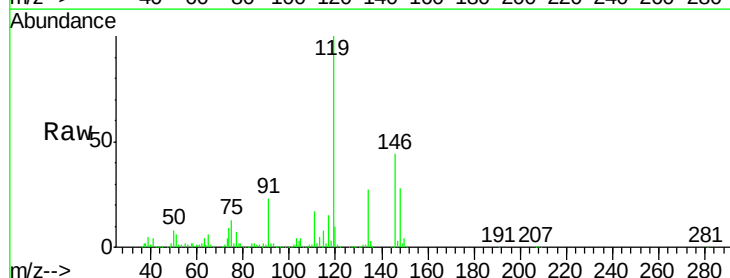
Tgt Ion:119 Resp: 1293765

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

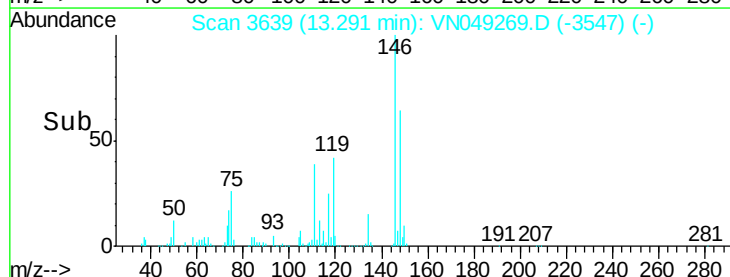
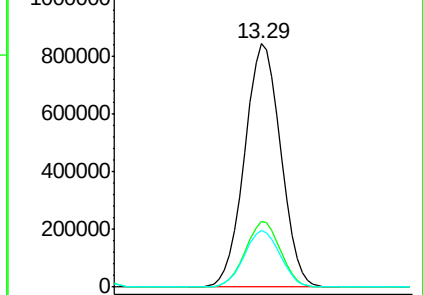
91 23.0 12.1 36.3

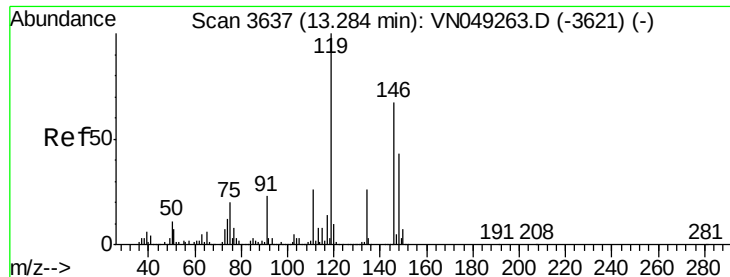


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

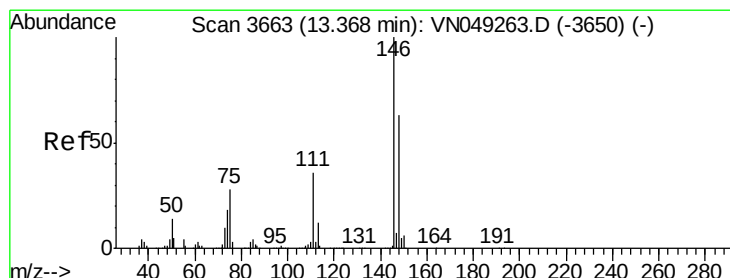
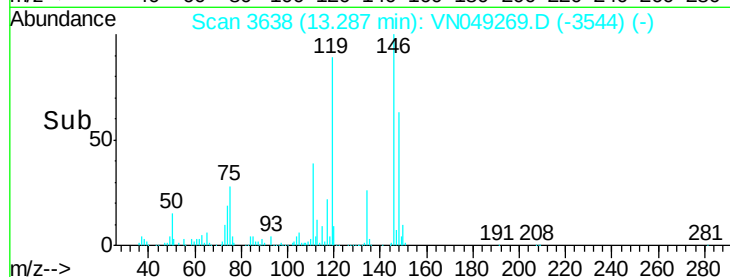
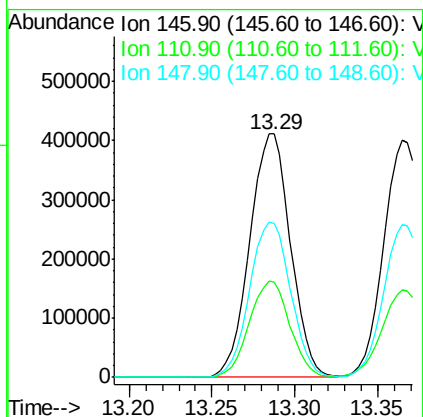
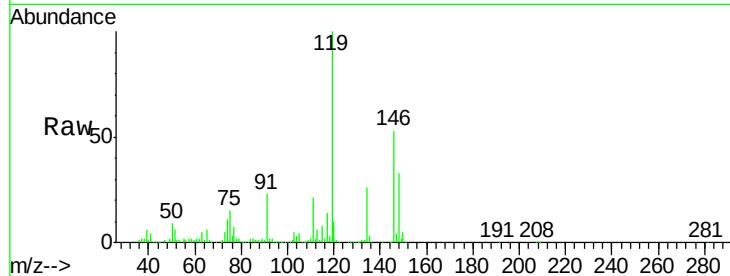




#87
 1,3-Dichlorobenzene
 Concen: 19.61 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

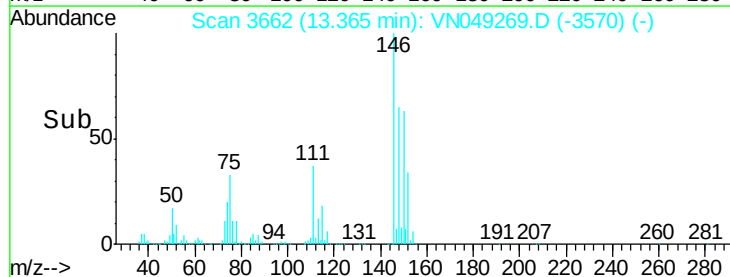
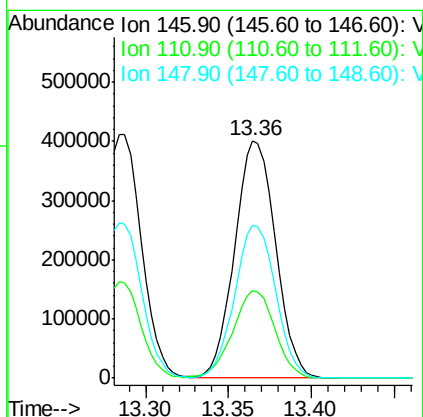
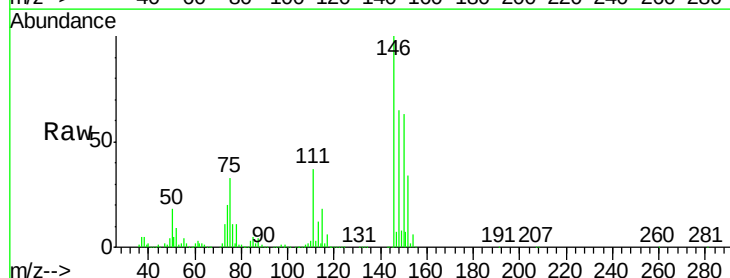
Instrument :
 MSVOA_N
 ClientSampleId :

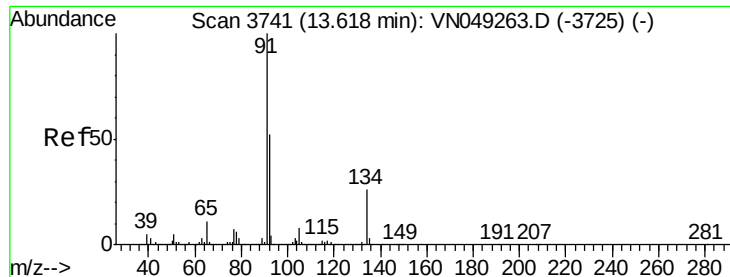
Tot Ion:146 Resp: 702128
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.6
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.34 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Tgt Ion:146 Resp: 686323
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 64.8 32.0 96.2

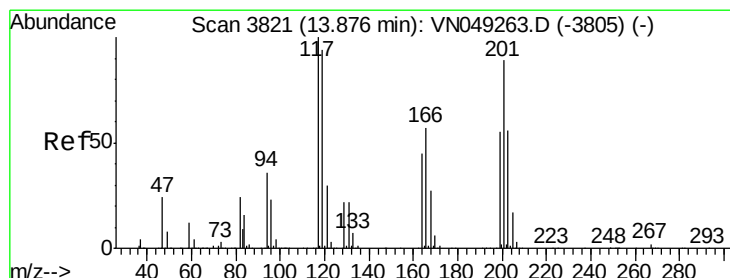
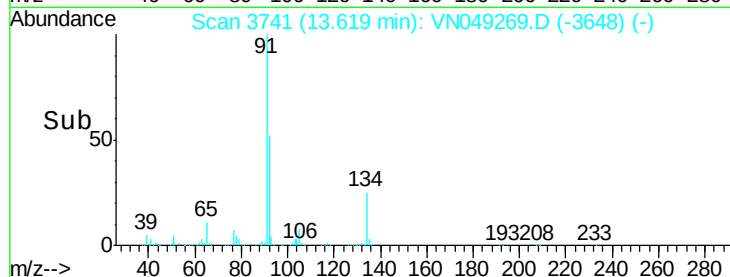
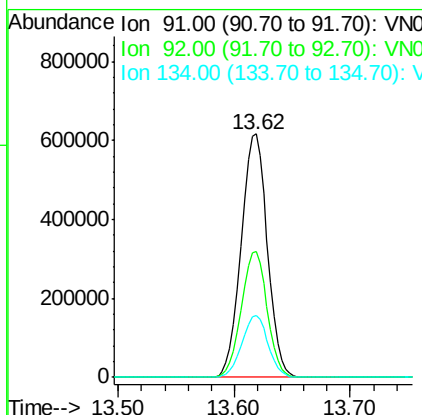
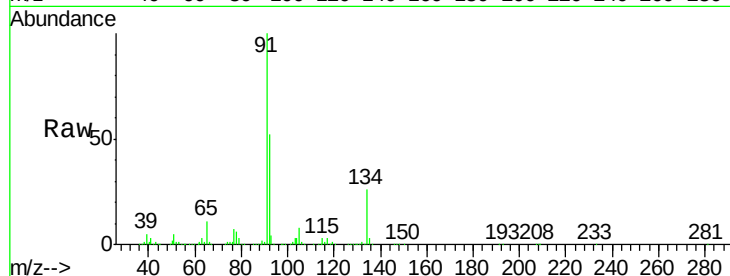




#89
n-Butylbenzene
Concen: 19.35 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

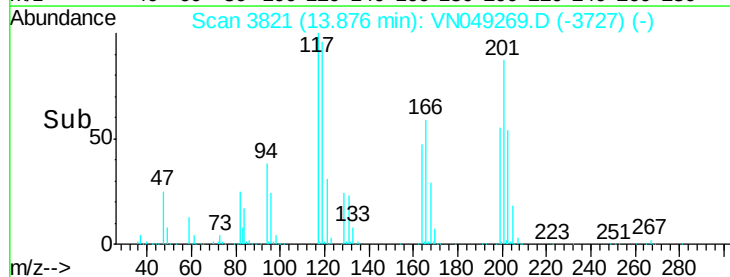
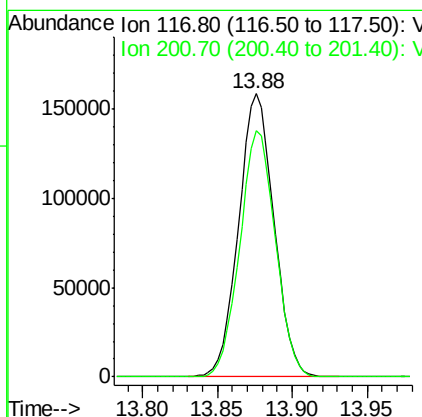
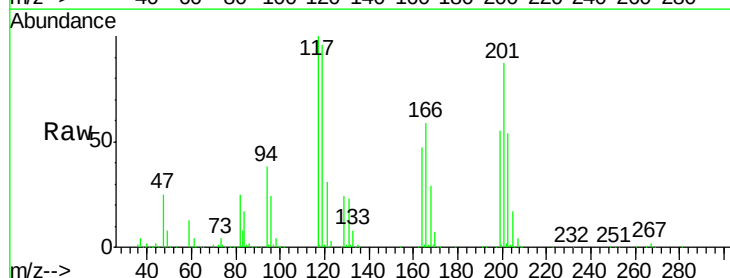
Instrument :
MSVOA_N
ClientSampled :

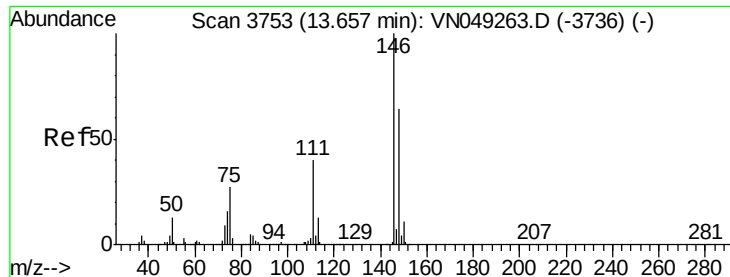
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.1	75.4
134	25.5	12.0	36.0



#90
Hexachloroethane
Concen: 20.62 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049269.D
Acq: 15 Jun 2018 19:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	40.1	120.2





#91

1,2-Dichlorobenzene

Concen: 19.70 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampled :

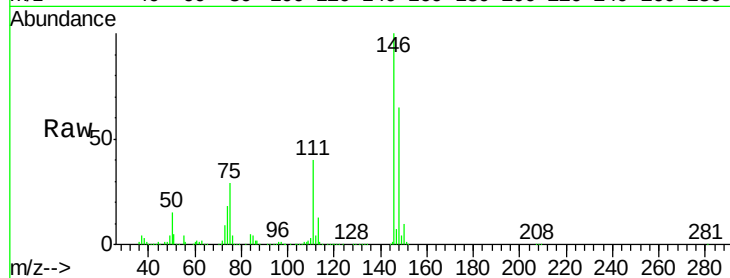
Tot Ion:146 Resp: 691829

Ion Ratio Lower Upper

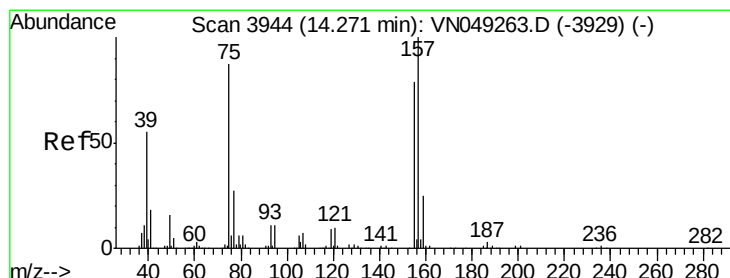
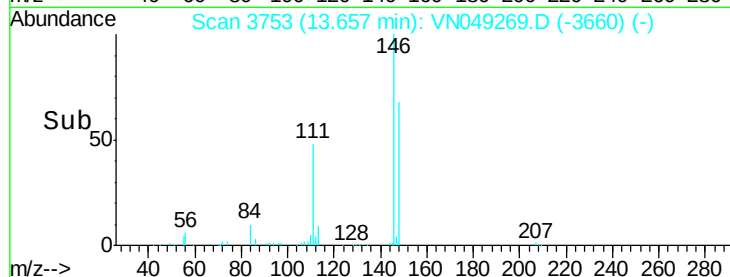
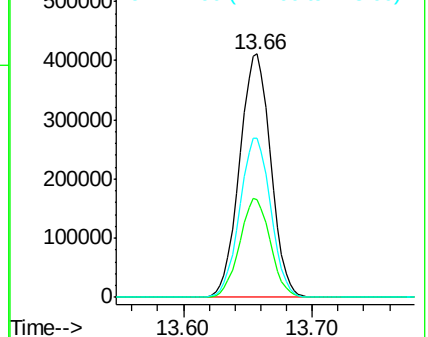
146 100

111 39.9 20.8 62.2

148 65.2 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.99 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

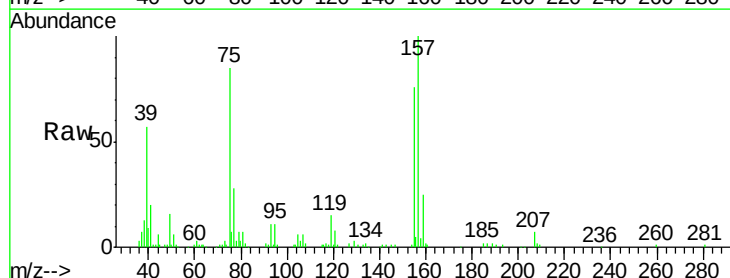
Tgt Ion: 75 Resp: 54488

Ion Ratio Lower Upper

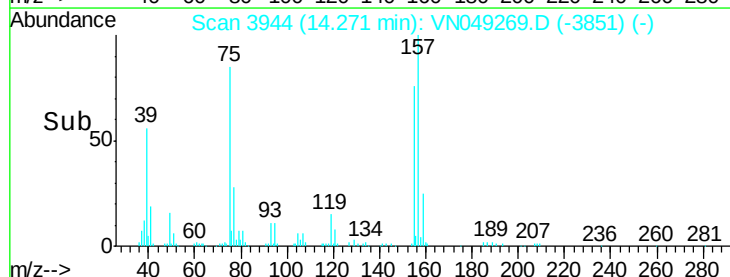
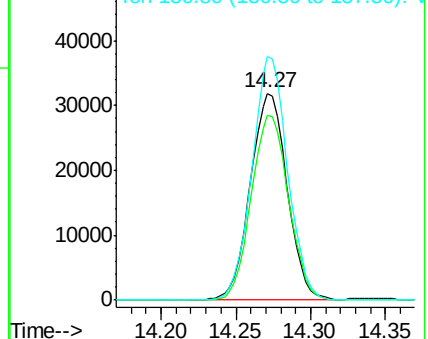
75 100

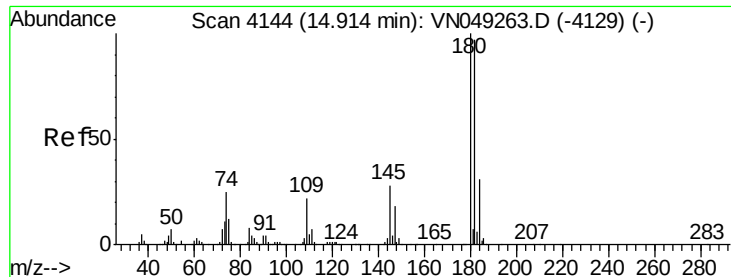
155 90.3 38.8 116.3

157 114.1 51.0 153.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

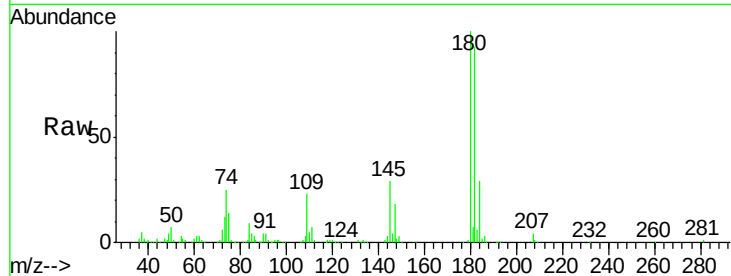




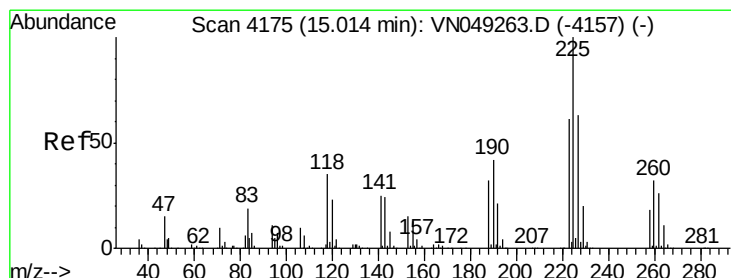
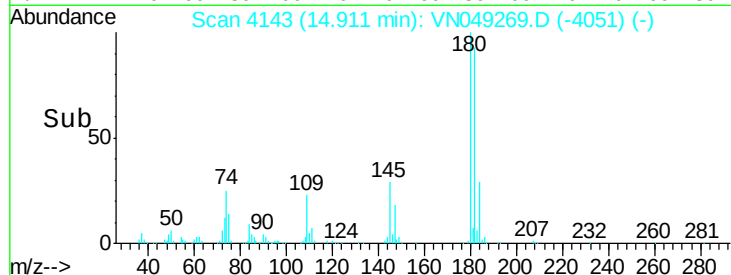
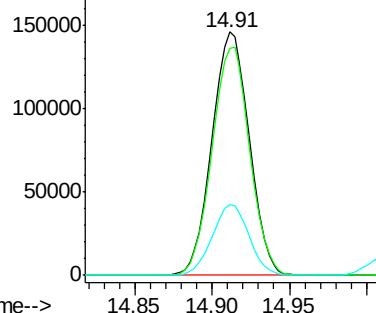
#93
 1,2,4-Trichlorobenzene
 Concen: 18.53 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.8
145	28.8	14.7	44.1

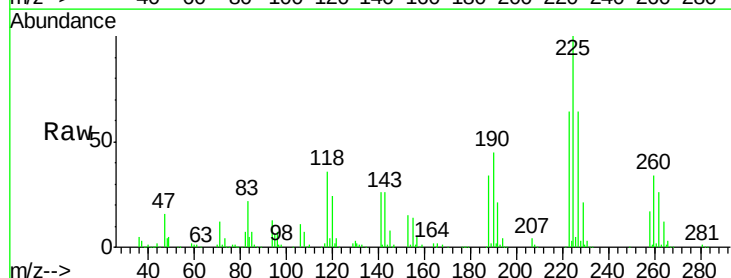


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

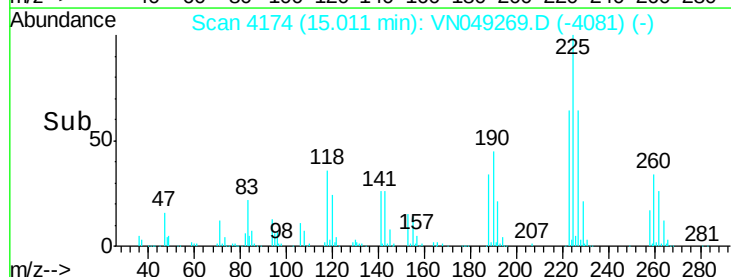
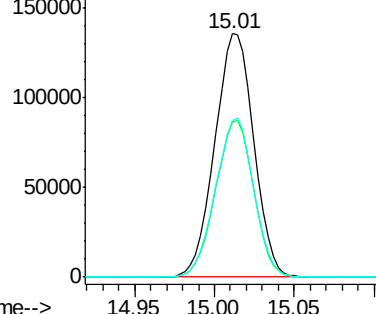


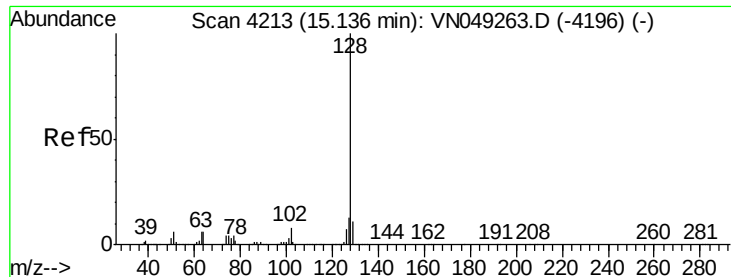
#94
 Hexachlorobutadiene
 Concen: 20.40 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049269.D
 Acq: 15 Jun 2018 19:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.1	96.3
227	64.0	31.8	95.3



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: 19.56 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampled :

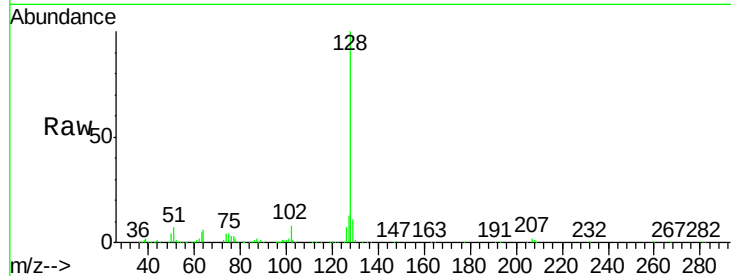
Tot Ion:128 Resp: 478392

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

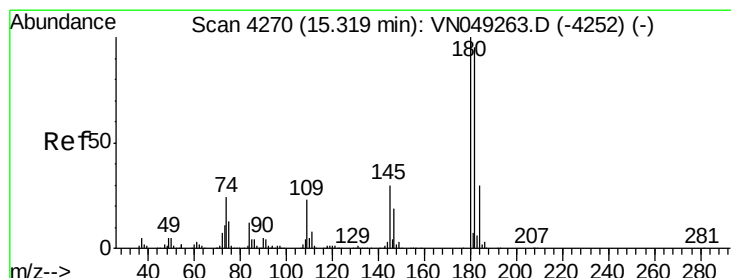
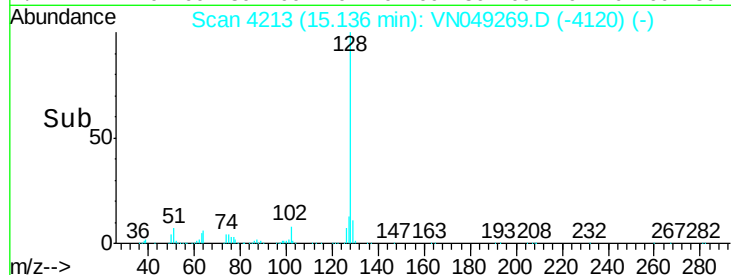
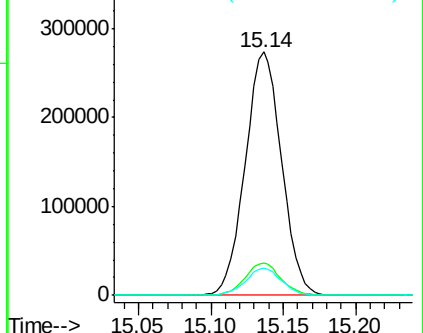
129 11.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.38 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049269.D

Acq: 15 Jun 2018 19:42

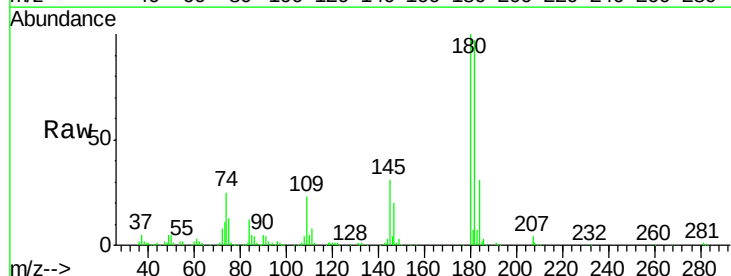
Tgt Ion:180 Resp: 269222

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 31.0 15.6 46.7



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

