

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049373.D
 Acq On : 19 Jun 2018 4:58
 Operator : MD\SY
 Sample : J3566-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 08:00:10 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	1243895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2025748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1665978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	581223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	840078	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.59	113	738187	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
50) Toluene-d8	10.09	98	2738619	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
62) 4-Bromofluorobenzene	12.40	95	753361	36.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.02%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	3828	0.21	ug/l	93
14) Allyl chloride	4.55	41	121273	5.39	ug/l #	20
16) Acetone	3.82	43	30800	7.69	ug/l #	81
18) Methyl Acetate	4.33	43	128856	10.55	ug/l	98
20) Methylene Chloride	4.55	84	3506303	209.58	ug/l	92
25) 2-Butanone	6.84	43	3965	0.74	ug/l	99
30) Chloroform	7.37	83	15740	0.55	ug/l	99
31) Cyclohexane	7.67	56	23598	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	88350	3.81	ug/l #	45
38) Carbon Tetrachloride	7.67	117	113441	4.72	ug/l #	17
43) Isopropyl Acetate	8.20	43	1845439	76.52	ug/l #	64
47) Bromodichloromethane	9.40	83	5189	0.22	ug/l #	66
49) 1,4-Dioxane	9.20	88	69	0.44	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4761	0.38	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.68	63	68	14.34	ug/l #	51
65) Chlorobenzene	11.44	112	16512	0.38	ug/l	100
67) Ethyl Benzene	11.51	91	32995	0.46	ug/l	97
68) m/p-Xylenes	11.62	106	10425	0.39	ug/l	87
69) o-Xylene	11.95	106	9210	0.36	ug/l	93
74) N-amyl acetate	12.05	43	3682	0.29	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.52	83	151	Below	Cal #	11
76) 1,2,3-Trichloropropane	12.40	75	366886	37.00	ug/l #	100
77) Bromobenzene	12.57	156	93608	6.94	ug/l #	1
78) n-propylbenzene	12.60	91	13714	0.24	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	11003	0.27	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.40	75	366886	116.92	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	31238	0.78	ug/l	99
90) Hexachloroethane	13.89	117	4557	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	638	0.36	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.90	180	507	4.79	ug/l #	1
95) Naphthalene	15.14	128	232215	15.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	181	3.47	ug/l #	32

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

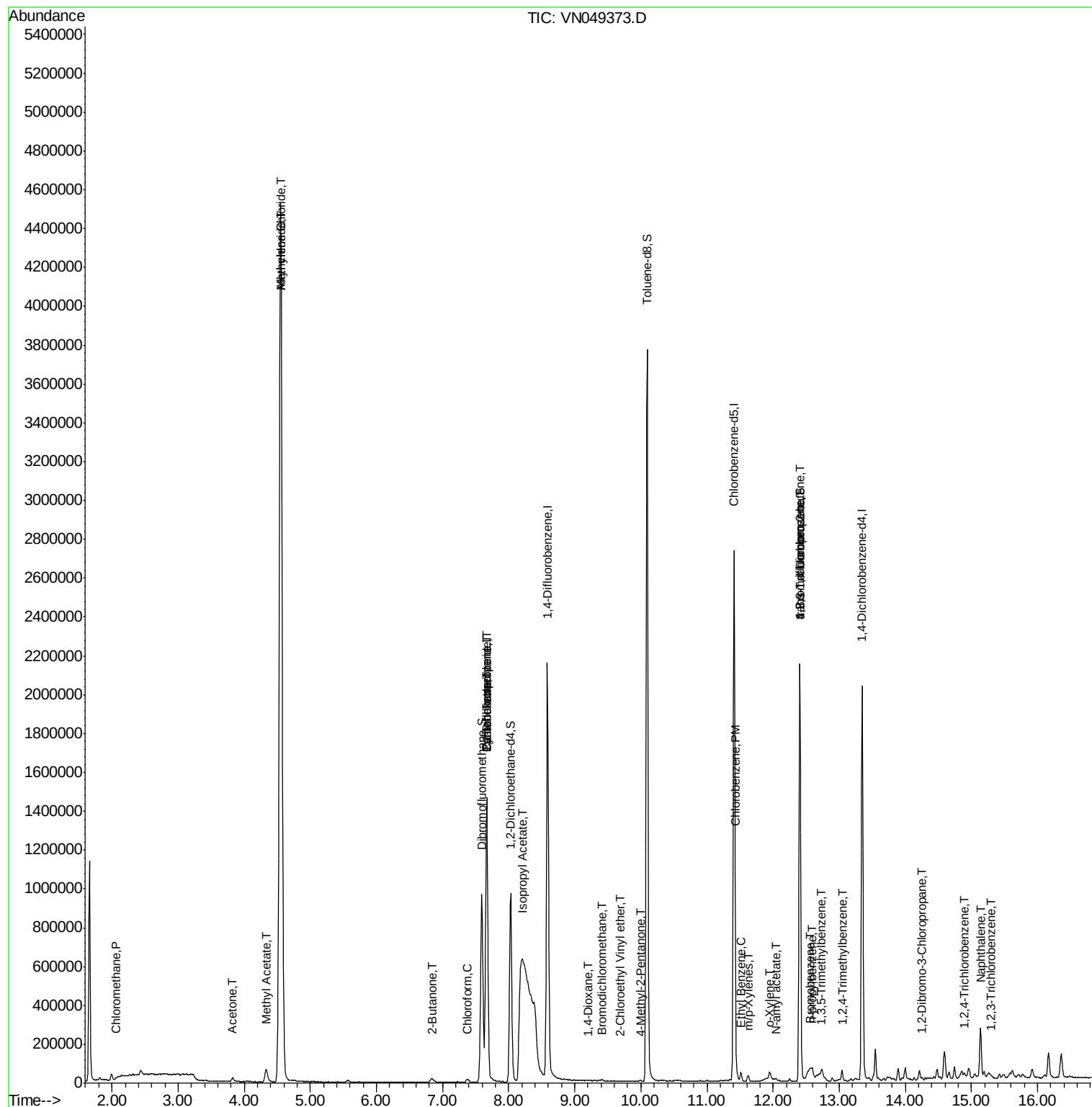
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

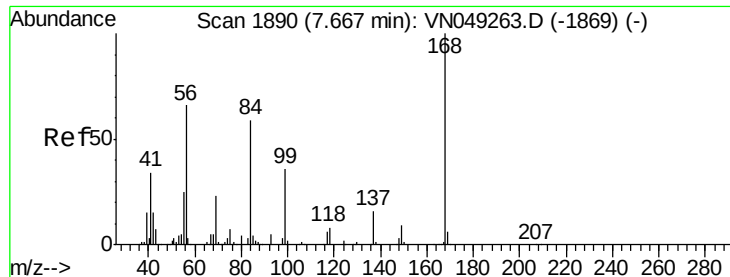
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

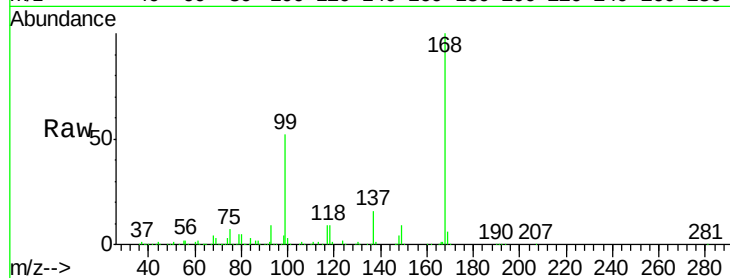
ClientSampleId :

Tot Ion:168 Resp: 1243895

Ion Ratio Lower Upper

168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049373.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049373.D (-1797) (-)

7.67

600000

500000

400000

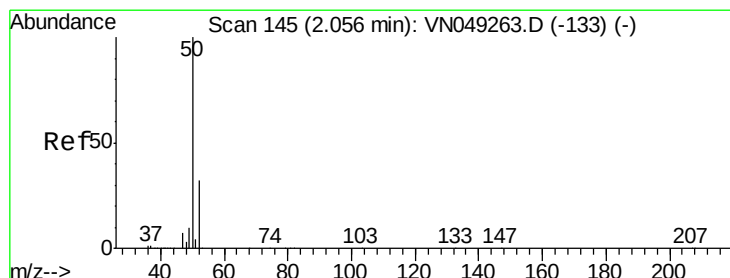
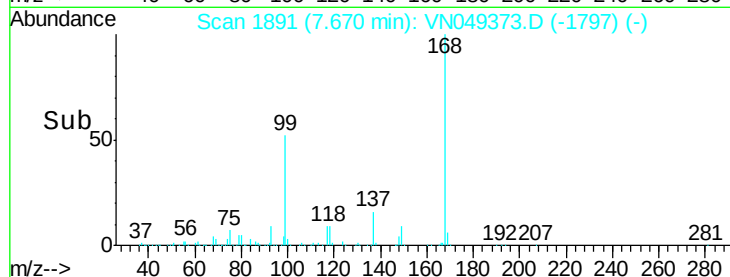
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049373.D

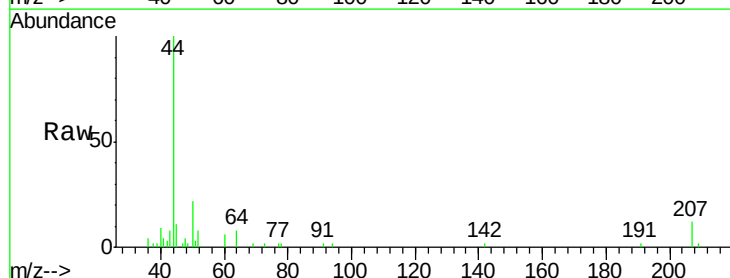
Acq: 19 Jun 2018 4:58

Tgt Ion: 50 Resp: 3828

Ion Ratio Lower Upper

50 100

52 35.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049373.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049373.D (-52) (-)

2.06

3000

2500

2000

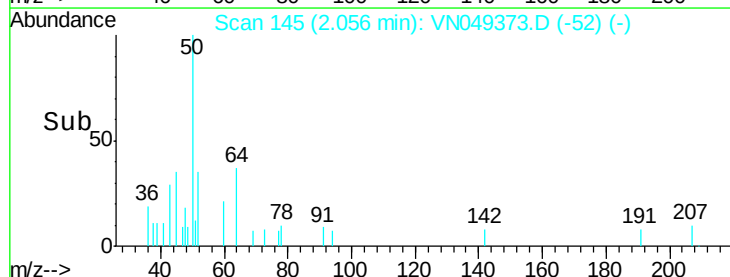
1500

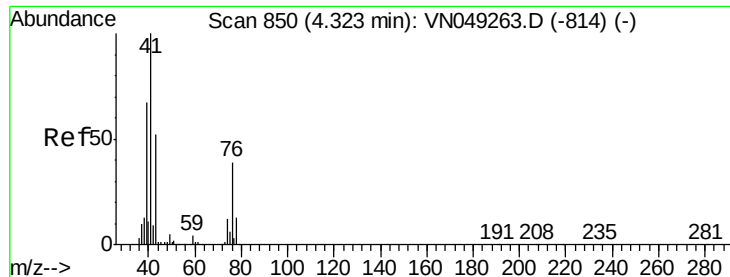
1000

500

0

Time-->

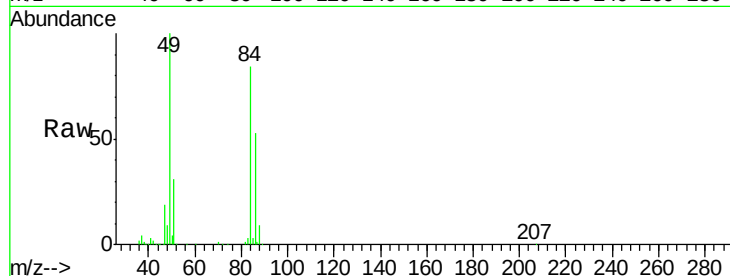




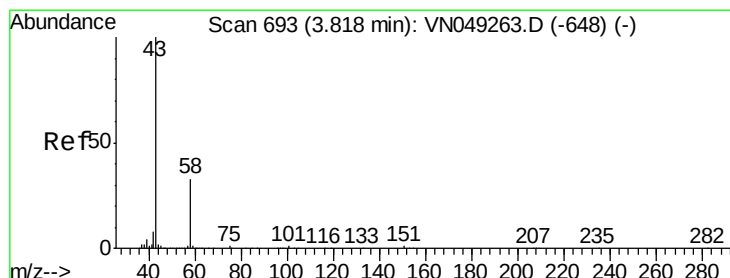
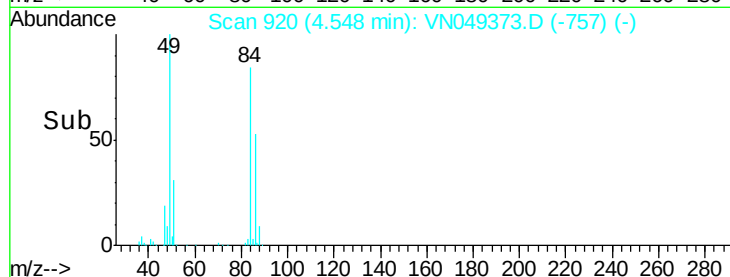
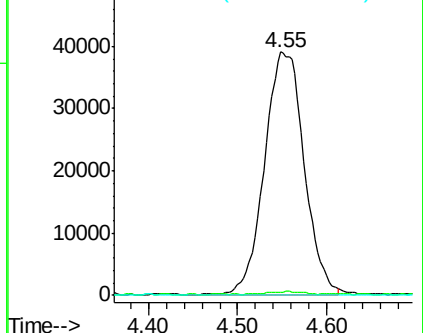
#14
Allvl chloride
Concen: 5.39 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.7	62.5	93.7#
76	0.0	27.1	40.7#

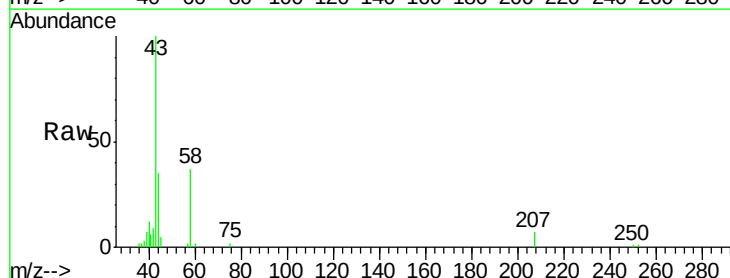


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

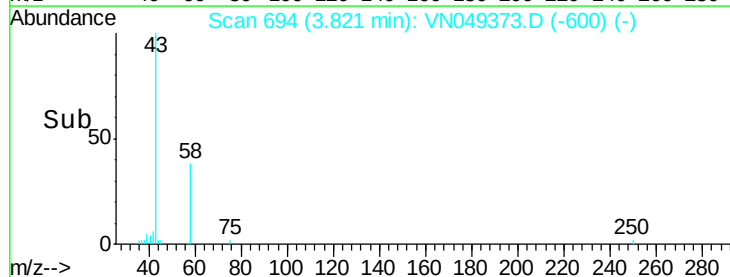
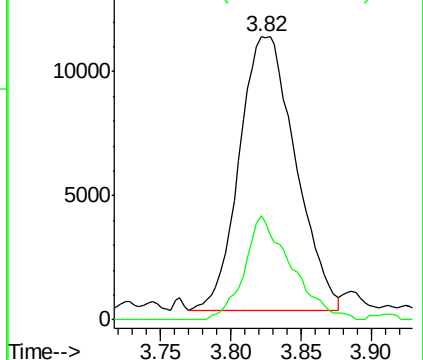


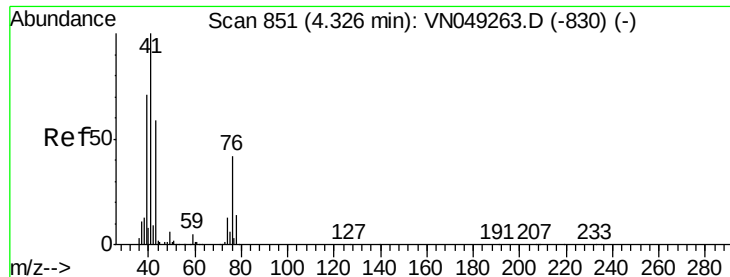
#16
Acetone
Concen: 7.69 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.9	22.4	33.6#



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

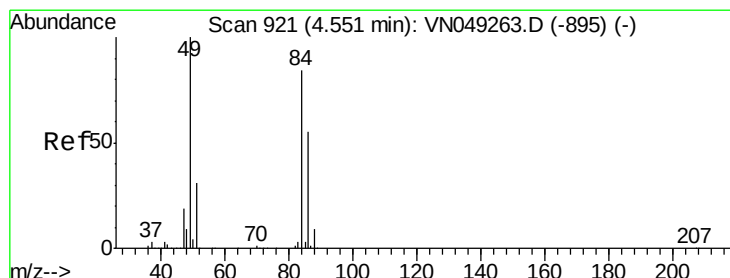
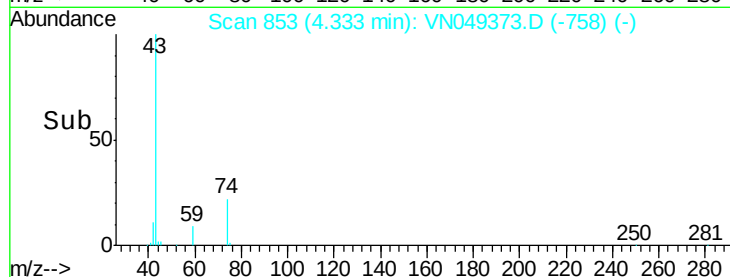
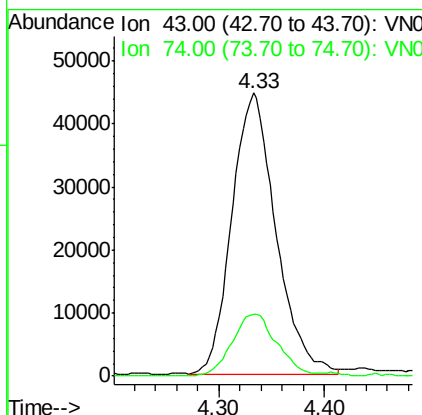
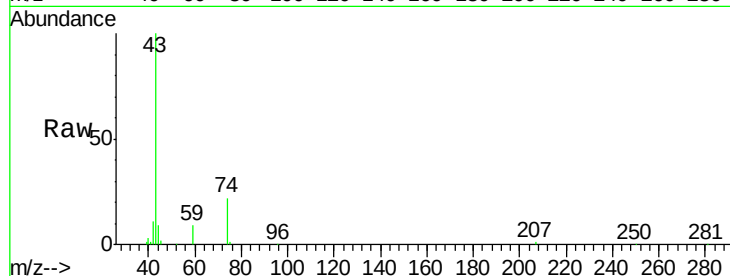




#18
Methvl Acetate
Concen: 10.55 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

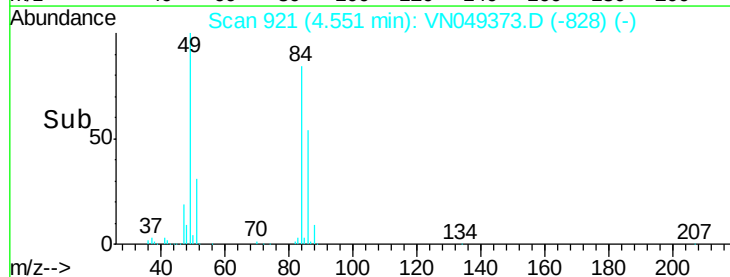
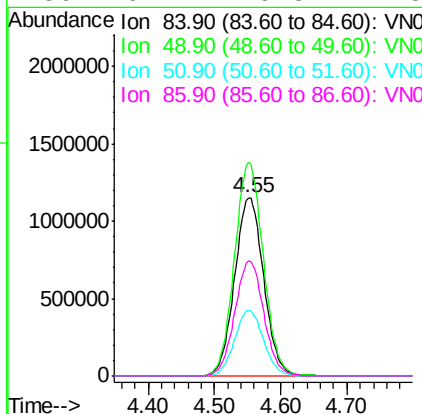
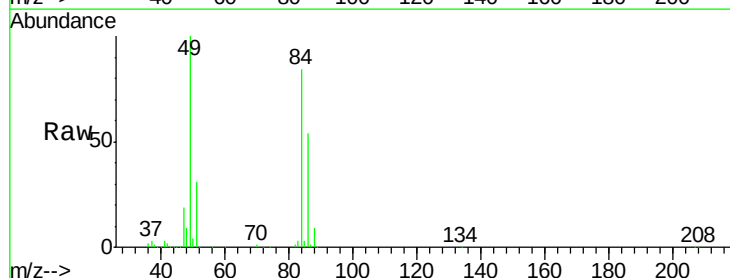
Instrument :
MSVOA_N
ClientSampled :

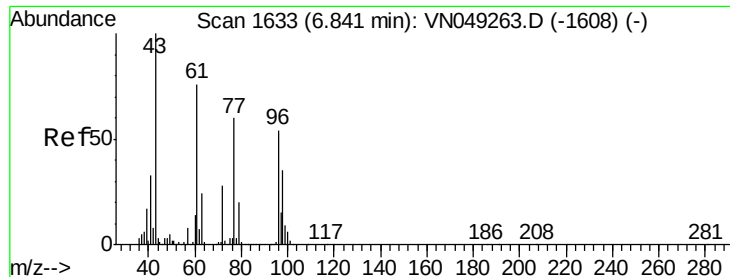
Tot Ion: 43 Resp: 128856
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.0



#20
Methylene Chloride
Concen: 209.58 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Tgt Ion: 84 Resp: 3506303
Ion Ratio Lower Upper
84 100
49 119.7 106.9 160.3
51 36.7 32.7 49.1
86 64.2 49.8 74.8





#25

2-Butanone

Concen: 0.74 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

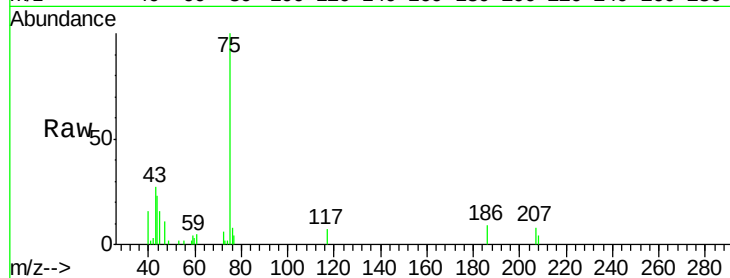
ClientSampled :

Tot Ion: 43 Resp: 3965

Ion Ratio Lower Upper

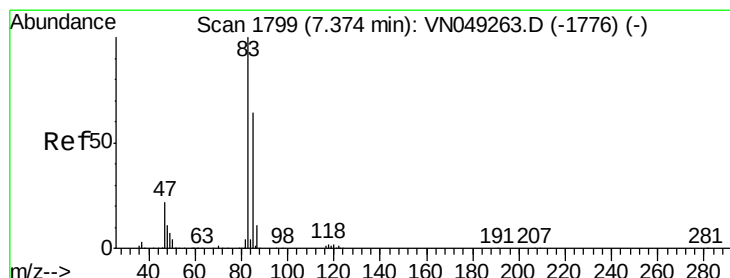
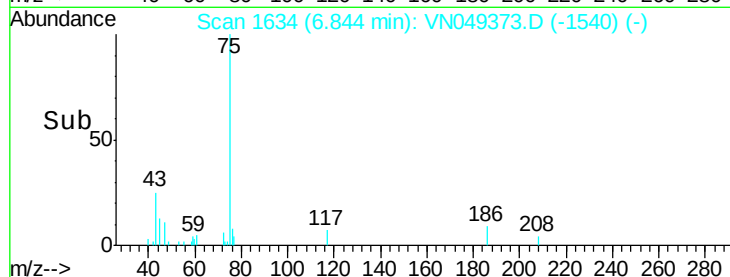
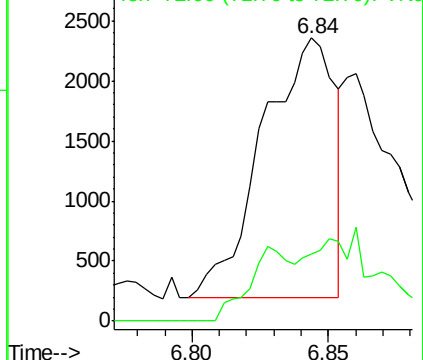
43 100

72 25.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#30

Chloroform

Concen: 0.55 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049373.D

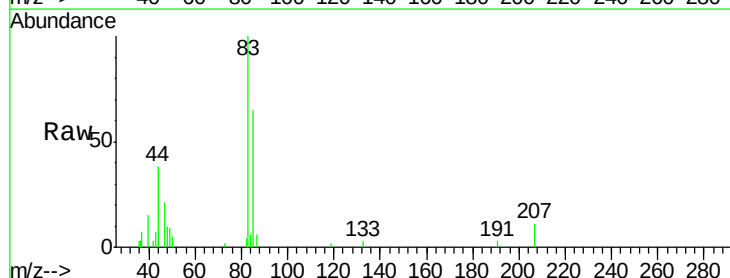
Acq: 19 Jun 2018 4:58

Tgt Ion: 83 Resp: 15740

Ion Ratio Lower Upper

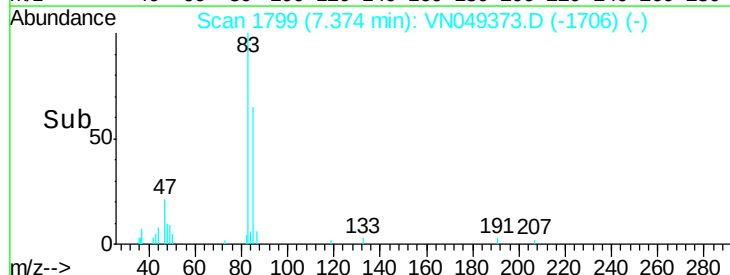
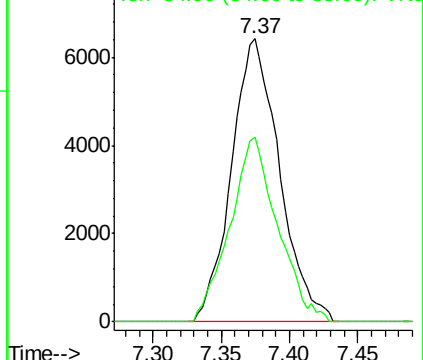
83 100

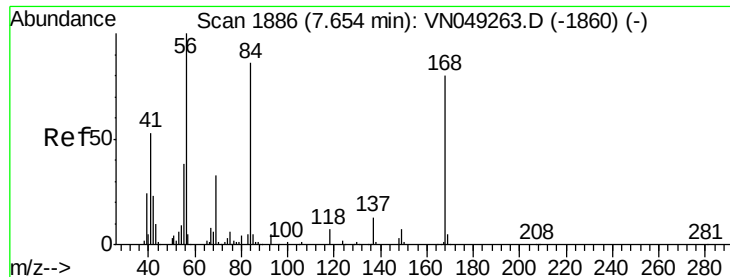
85 65.1 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

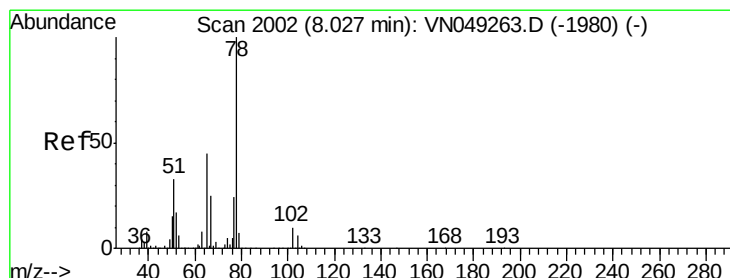
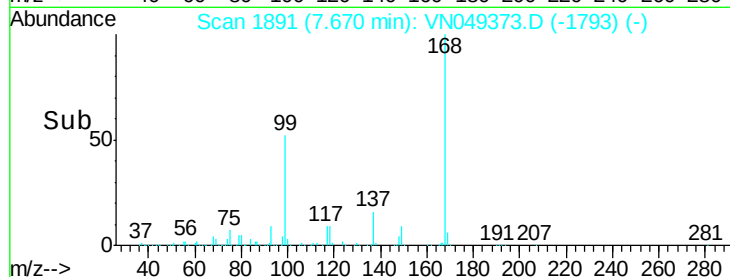
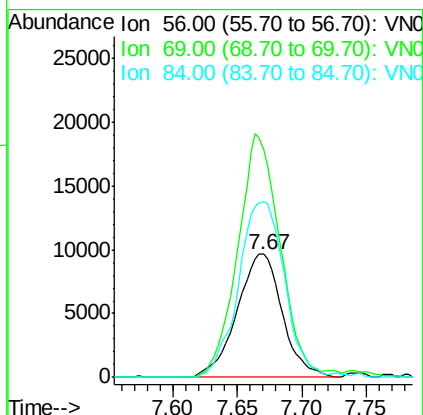
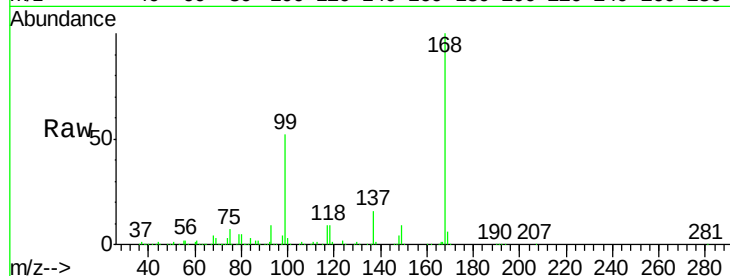




#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

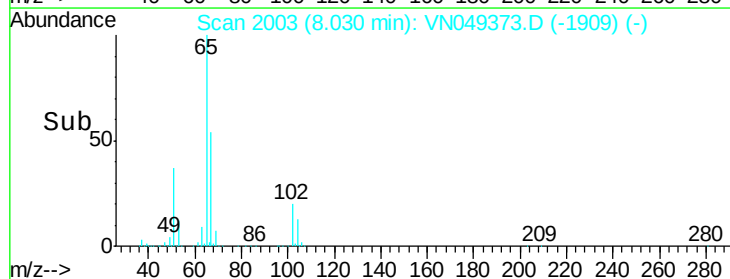
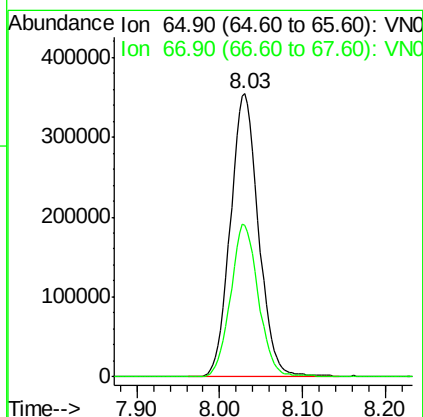
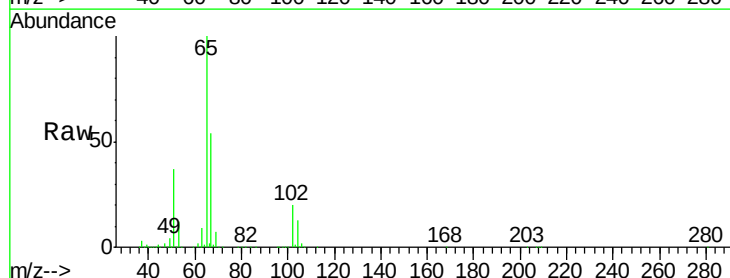
Instrument :
MSVOA_N
ClientSampled :

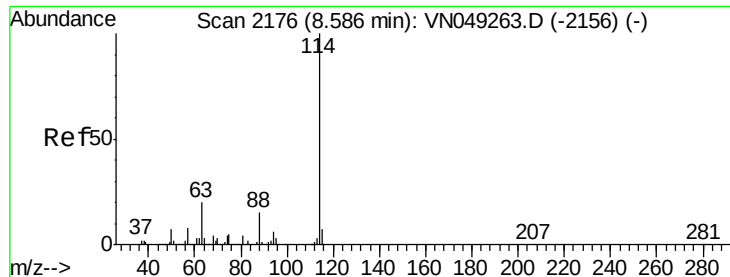
Tot Ion: 56 Resp: 23598
Ion Ratio Lower Upper
56 100
69 185.1 25.0 37.4#
84 143.5 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 50.92 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Tgt Ion: 65 Resp: 840078
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.8

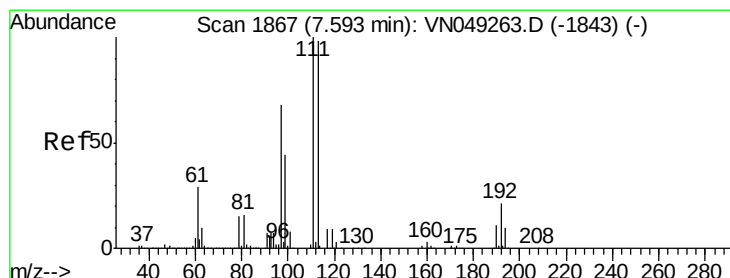
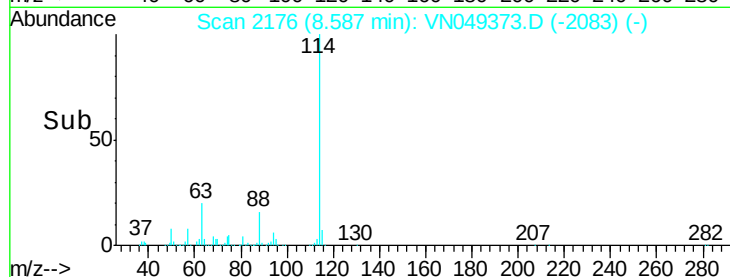
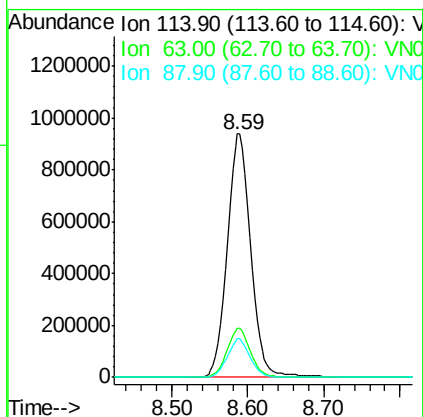
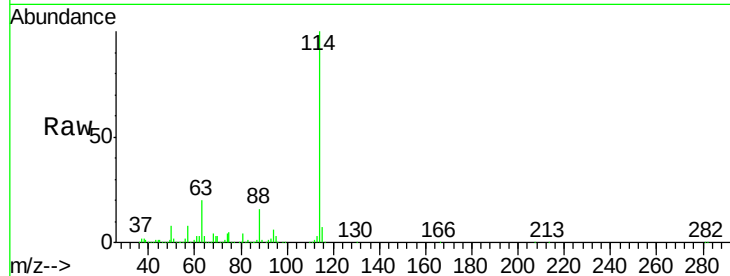




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

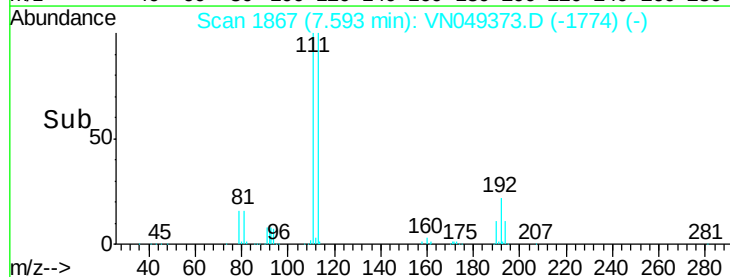
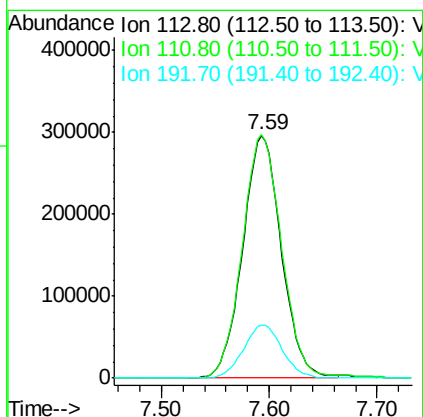
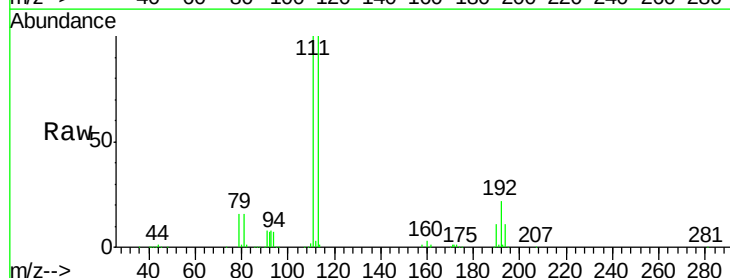
Instrument :
 MSVOA_N
 ClientSampleId :

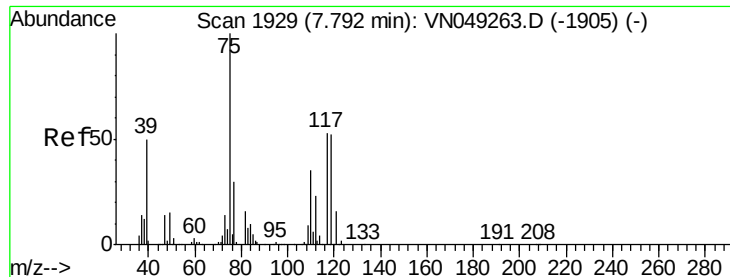
Tot Ion:114 Resp: 2025748
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 16.0 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.04 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

Tgt Ion:113 Resp: 738187
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 22.2 15.0 22.6

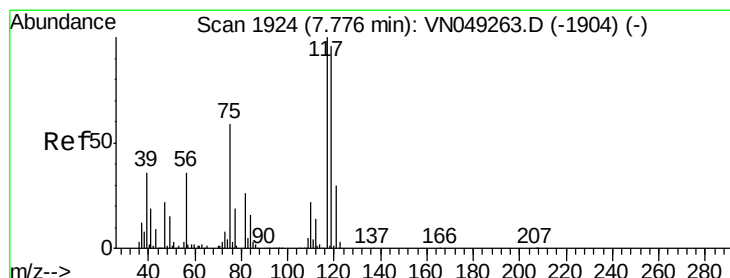
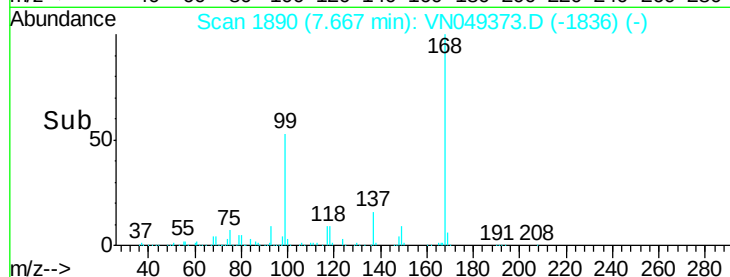
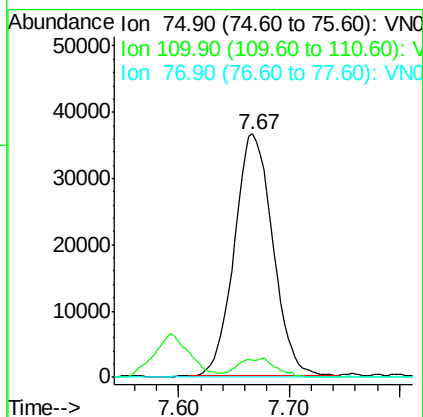
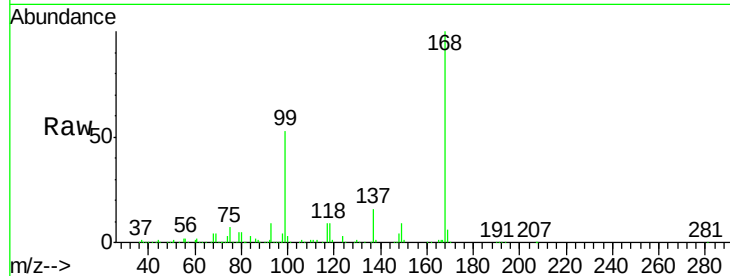




#36
 1,1-Dichloropropene
 Concen: 3.81 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

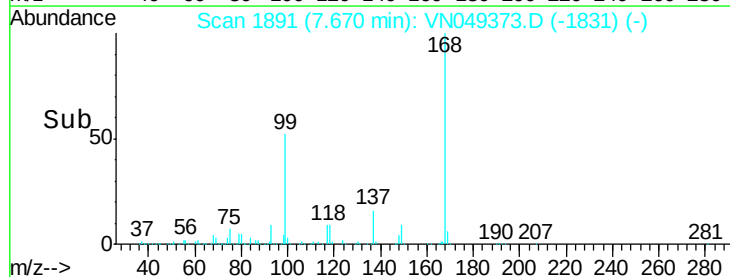
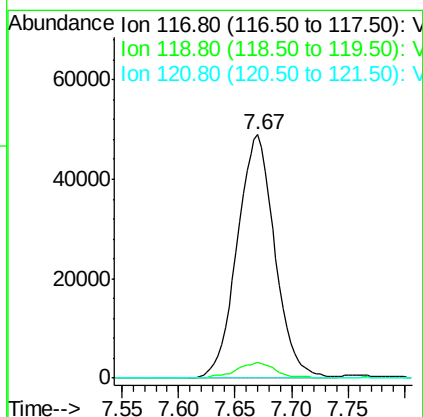
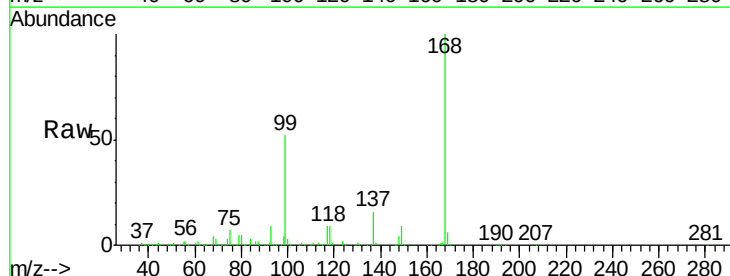
Instrument :
 MSVOA_N
 ClientSampleId :

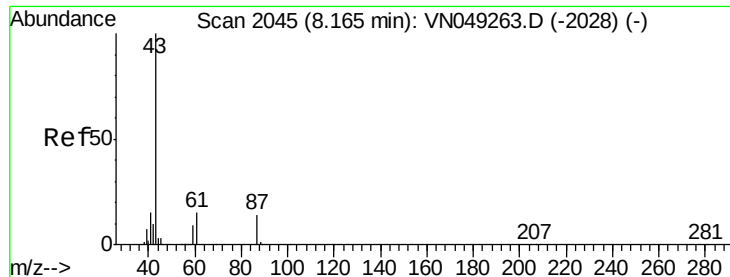
Tot Ion	75	Resp	88350
Ion Ratio	100	Lower	Upper
75	100		
110	2.9	17.0	50.9#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.72 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

Tgt Ion	117	Resp	113441
Ion Ratio	100	Lower	Upper
117	100		
119	6.2	75.6	113.4#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 76.52 ug/l

RT: 8.20 min Scan# 2057

Delta R.T. 0.04 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

ClientSampled :

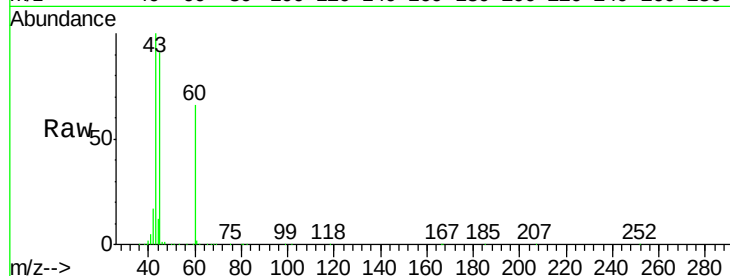
Tot Ion: 43 Resp: 1845439

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

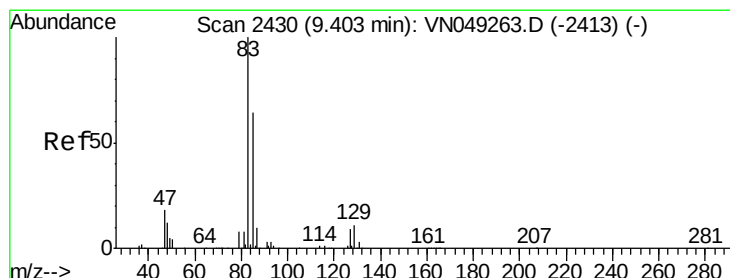
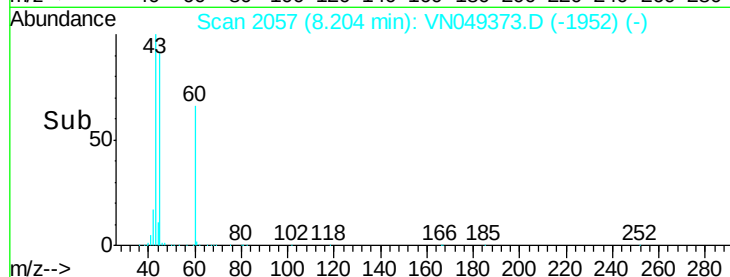
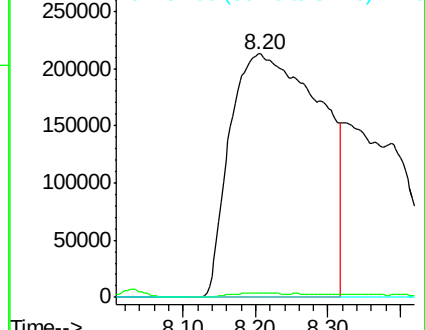
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.22 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

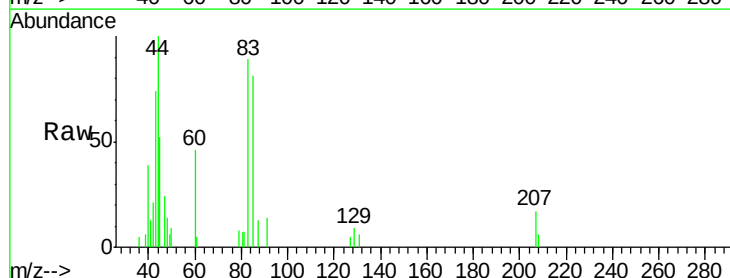
Tgt Ion: 83 Resp: 5189

Ion Ratio Lower Upper

83 100

85 90.7 49.4 74.0#

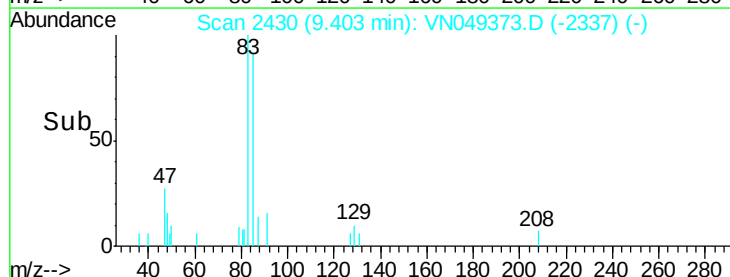
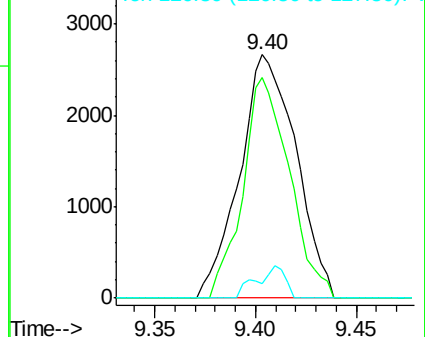
127 6.1 6.3 9.5#

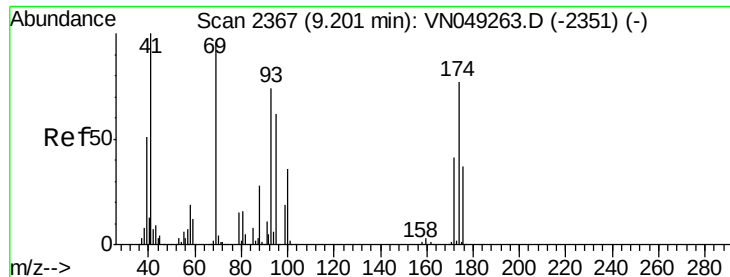


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

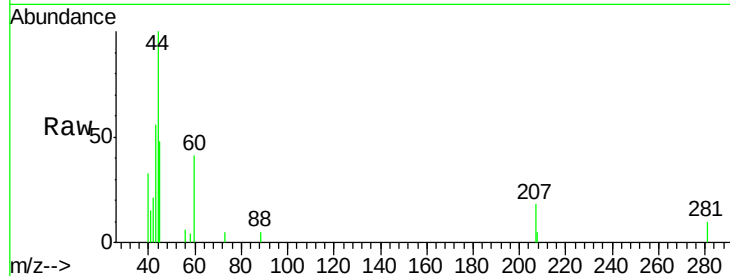




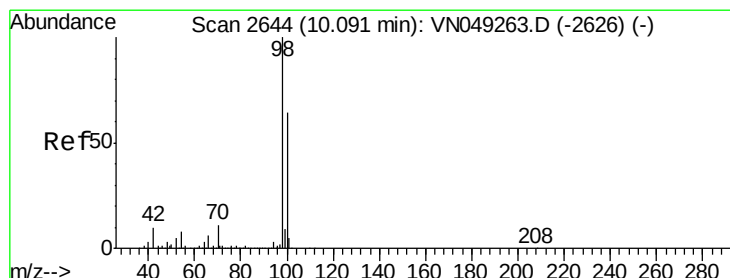
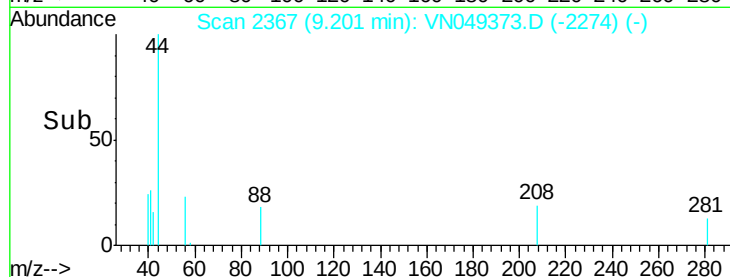
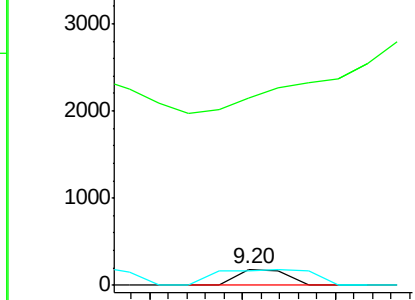
#49
1,4-Dioxane
Concen: 0.44 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 1142.0 30.9 46.3#
58 188.4 58.9 88.3#

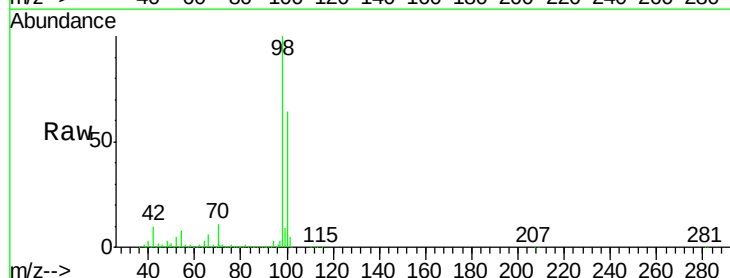


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

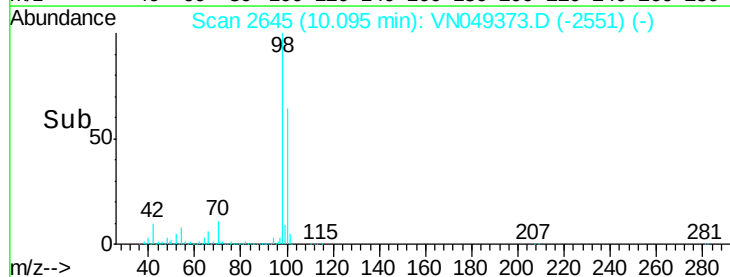
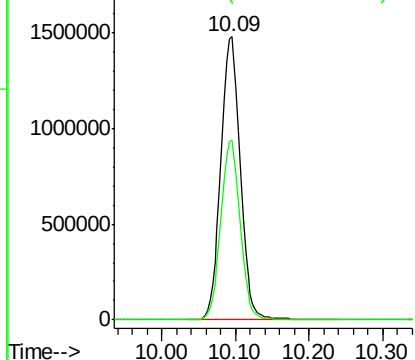


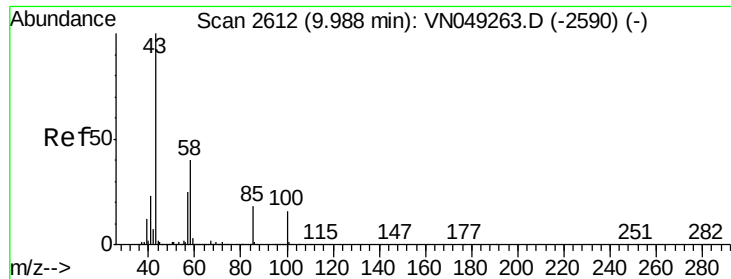
#50
Toluene-d8
Concen: 43.89 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Tgt Ion: 98 Resp: 2738619
Ion Ratio Lower Upper
98 100
100 62.6 49.8 74.8



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

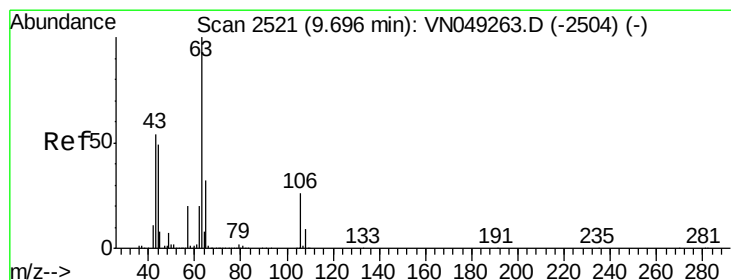
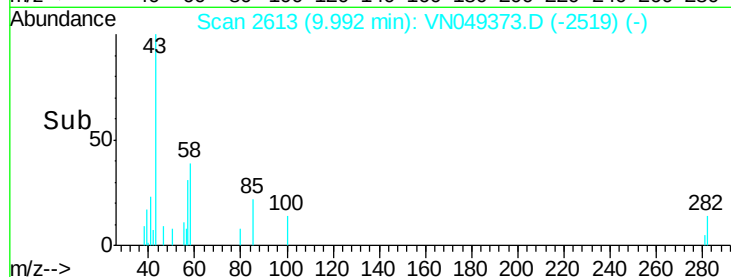
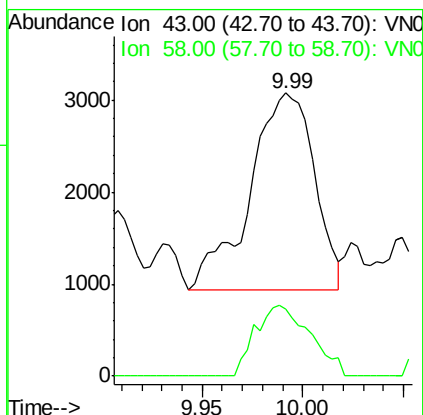
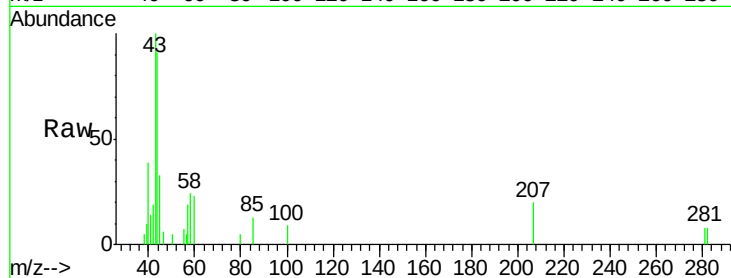




#51
 4-Methyl-2-Pentanone
 Concen: 0.38 ug/l
 RT: 9.99 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

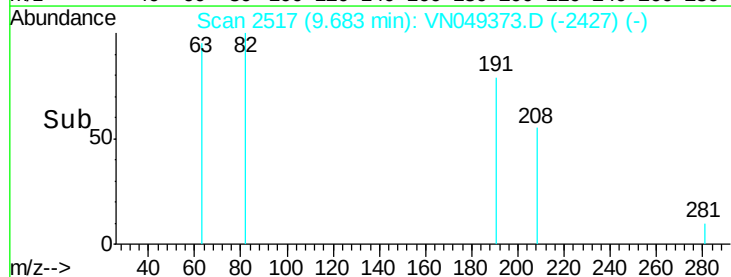
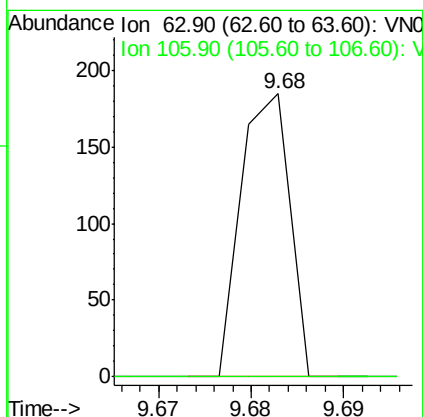
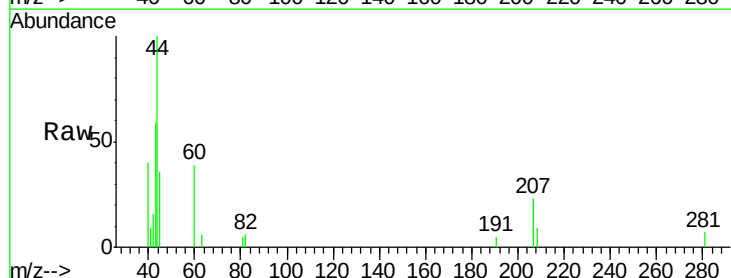
Instrument :
 MSVOA_N
 ClientSampled :

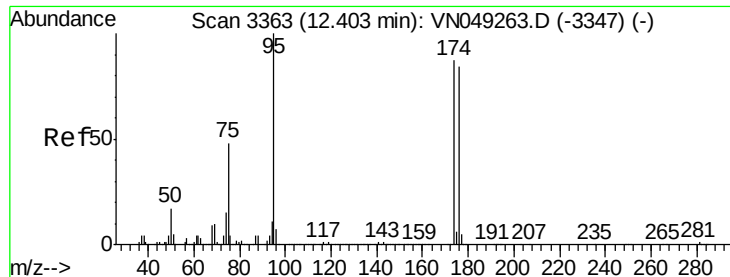
Tot Ion: 43 Resp: 4761
 Ion Ratio Lower Upper
 43 100
 58 30.6 29.0 43.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.34 ug/l
 RT: 9.68 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

Tgt Ion: 63 Resp: 68
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#





#62

4-Bromofluorobenzene

Concen: 36.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

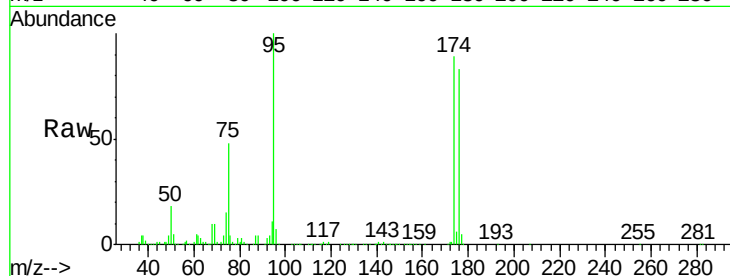
Tot Ion: 95 Resp: 753361

Ion Ratio Lower Upper

95 100

174 89.9 0.0 165.6

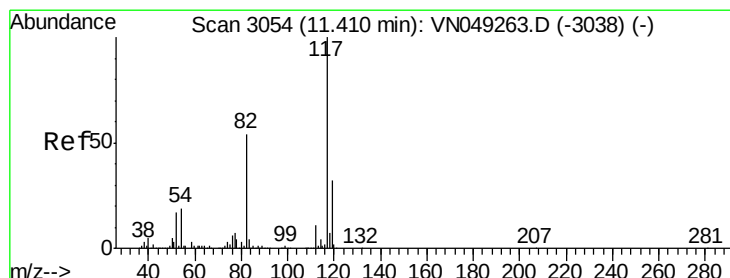
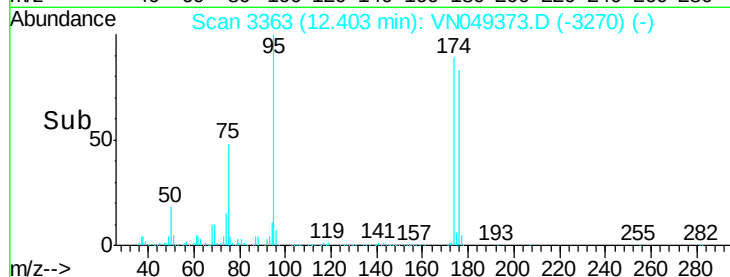
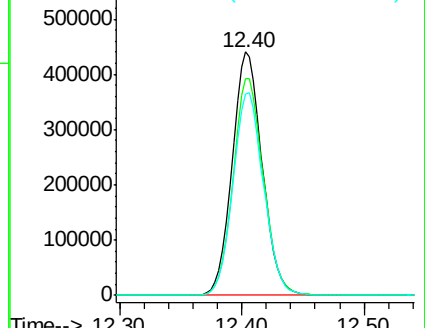
176 84.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049373.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049373.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049373.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

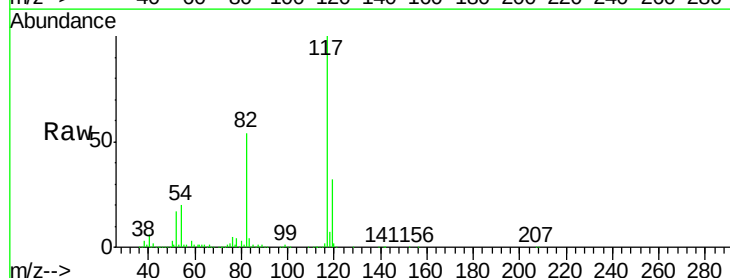
Tgt Ion: 117 Resp: 1665978

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

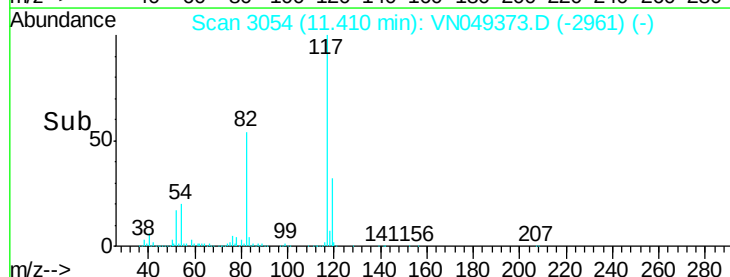
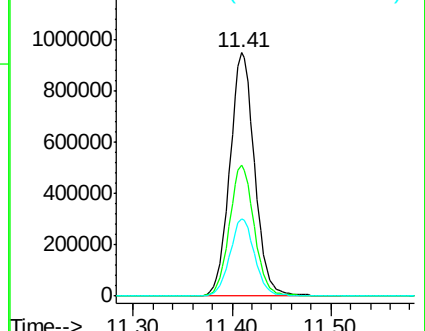
119 31.8 25.5 38.3

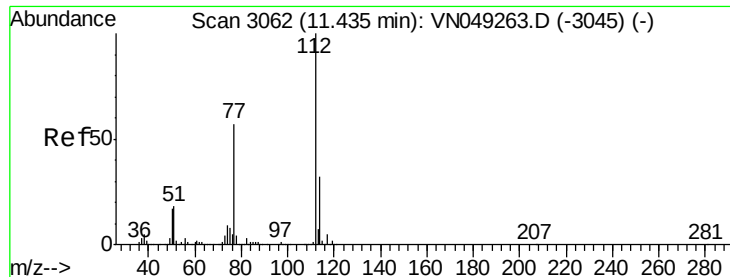


Abundance Ion 116.90 (116.60 to 117.60): VN049373.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049373.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049373.D (-2961) (-)

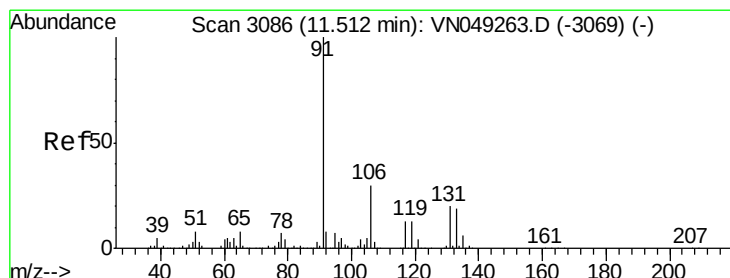
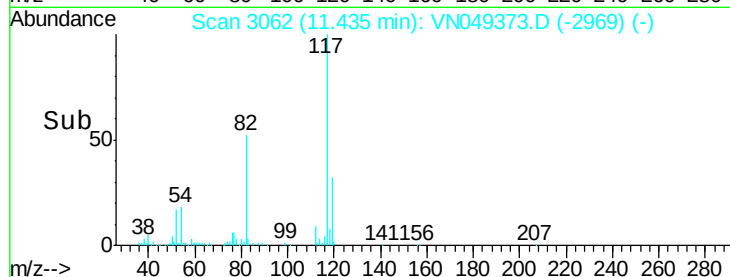
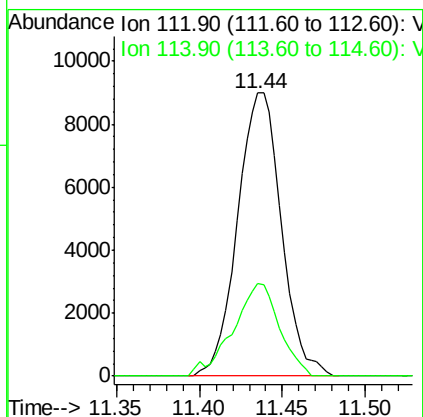
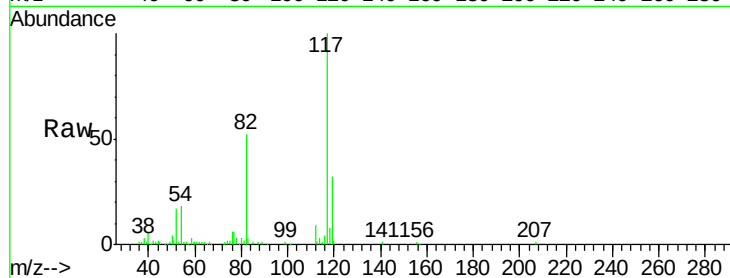




#65
Chlorobenzene
Concen: 0.38 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

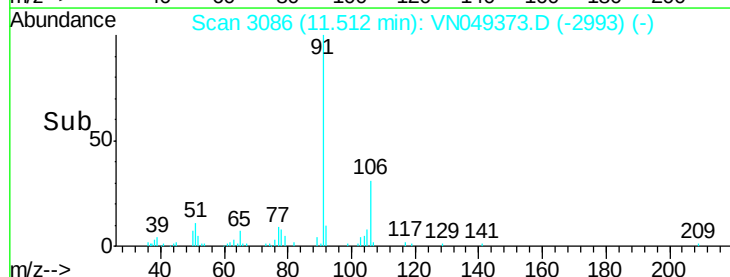
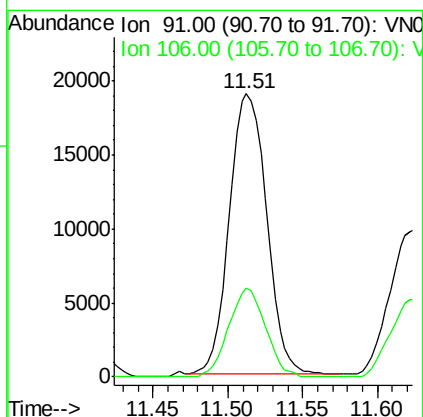
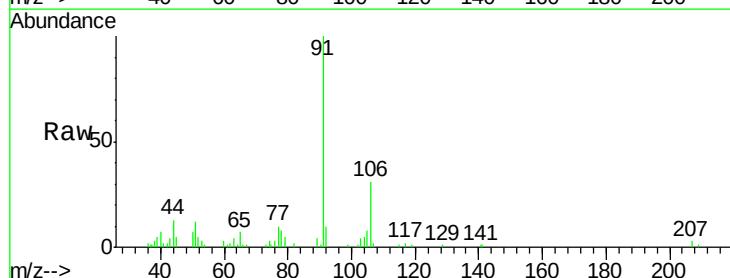
Instrument :
MSVOA_N
ClientSampled :

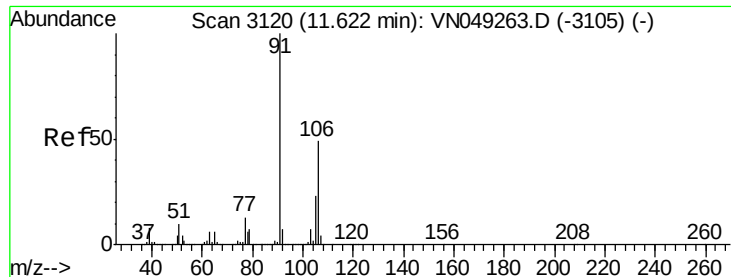
Tot Ion:112 Resp: 16512
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#67
Ethyl Benzene
Concen: 0.46 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Tgt Ion: 91 Resp: 32995
Ion Ratio Lower Upper
91 100
106 31.7 23.9 35.9

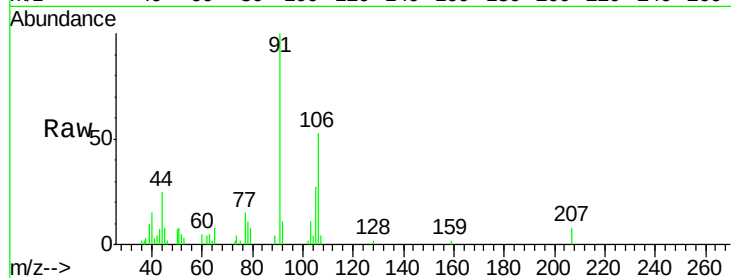




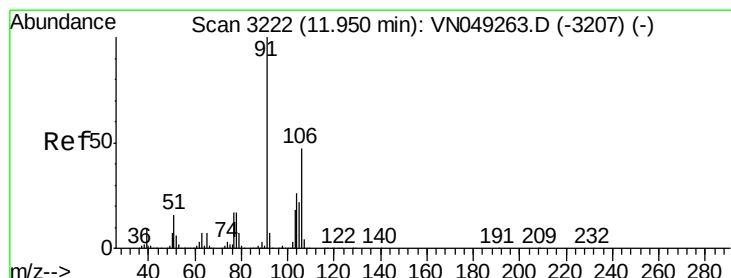
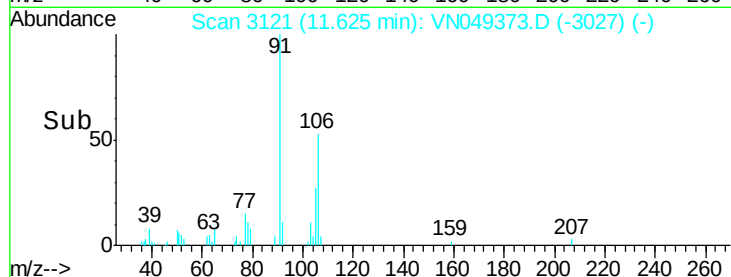
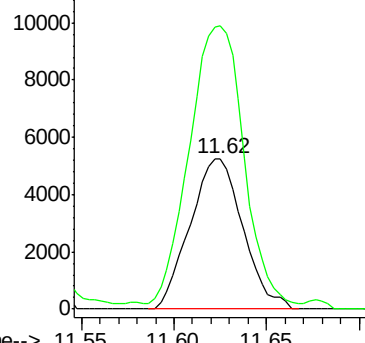
#68
m/p-Xylenes
Concen: 0.39 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 10425
Ion Ratio Lower Upper
106 100
91 188.4 167.3 250.9

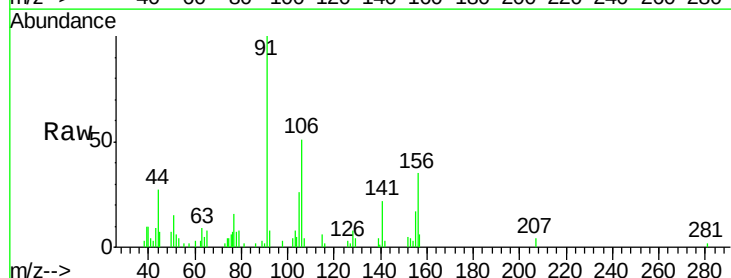


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

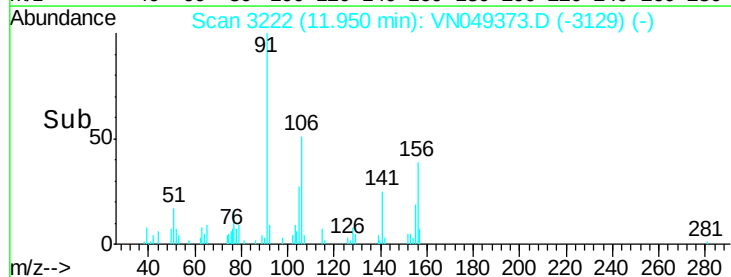
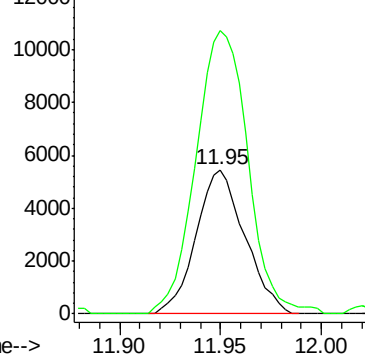


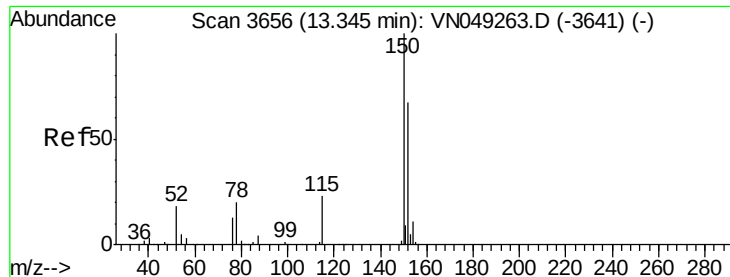
#69
o-Xylene
Concen: 0.36 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Tgt Ion:106 Resp: 9210
Ion Ratio Lower Upper
106 100
91 210.5 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

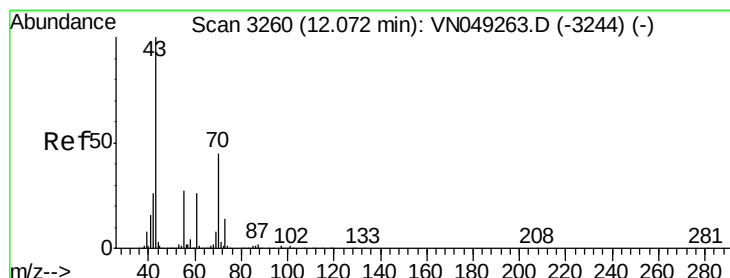
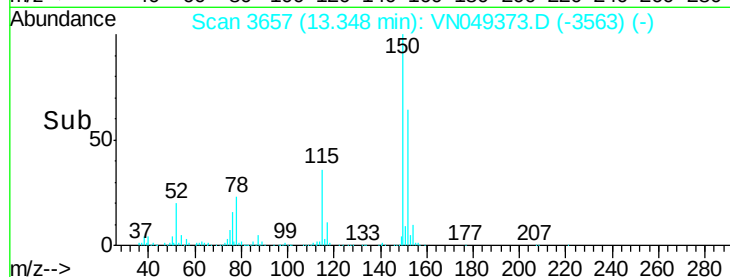
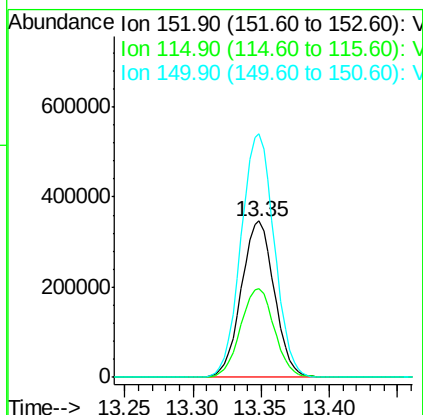
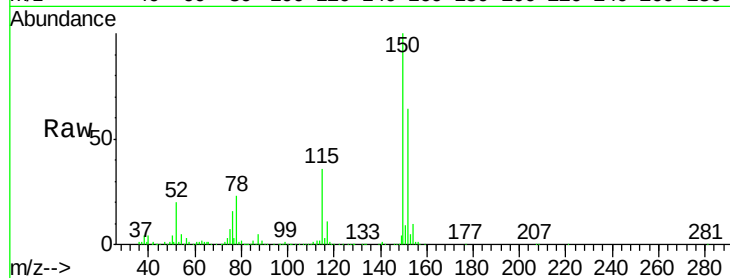




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3657
 Delta R.T. 0.00 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

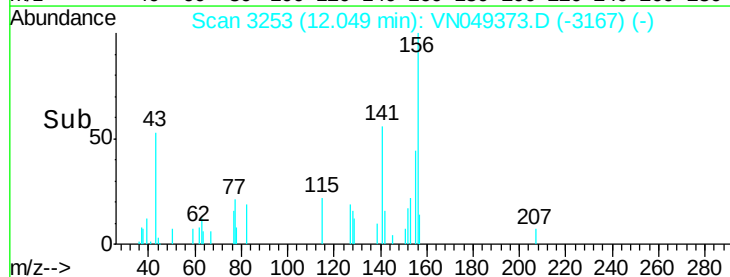
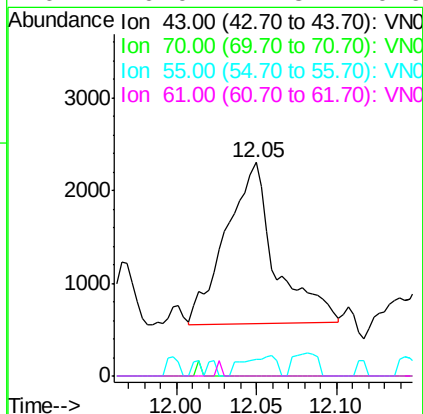
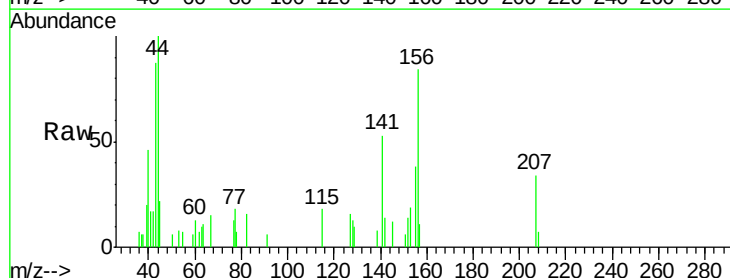
Instrument :
 MSVOA_N
 ClientSampleId :

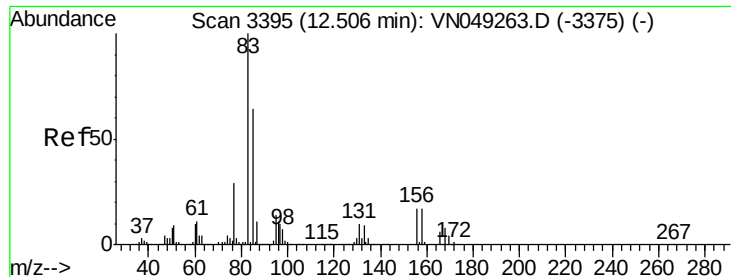
Tot Ion:152 Resp: 581223
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.7 86.1
 150 157.5 0.0 351.0



#74
 N-ethyl acetate
 Concen: 0.29 ug/l
 RT: 12.05 min Scan# 3253
 Delta R.T. -0.02 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

Tgt Ion: 43 Resp: 3682
 Ion Ratio Lower Upper
 43 100
 70 0.0 30.3 45.5#
 55 8.3 19.4 29.2#
 61 0.0 17.8 26.6#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

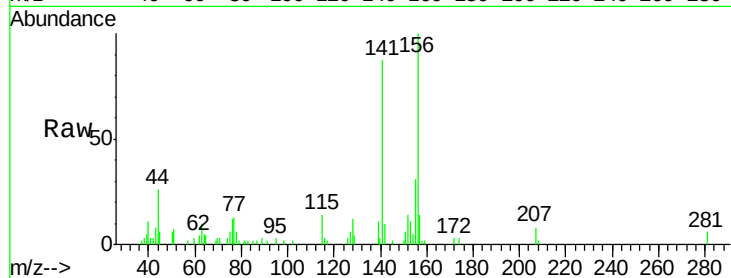
Tot Ion: 83 Resp: 151

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

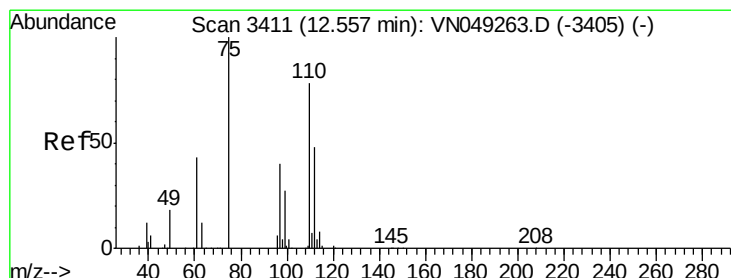
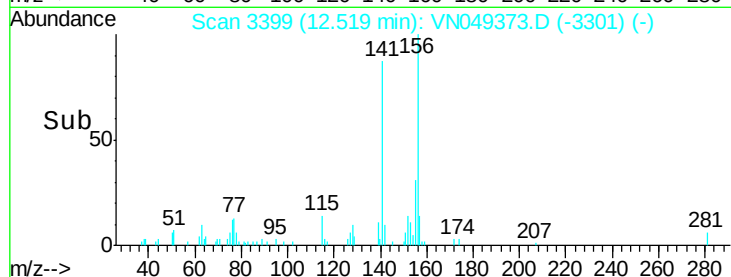
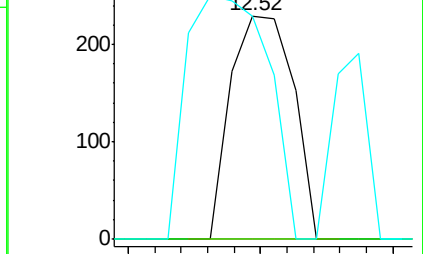
85 141.1 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 37.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049373.D

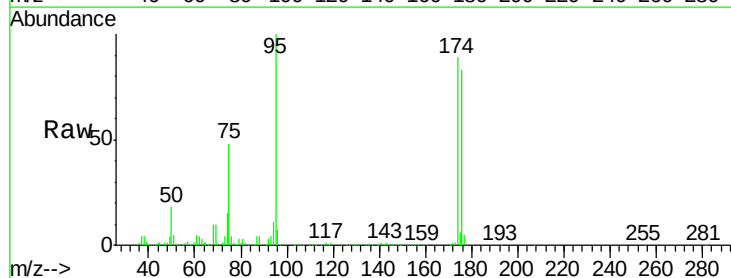
Acq: 19 Jun 2018 4:58

Tgt Ion: 75 Resp: 366886

Ion Ratio Lower Upper

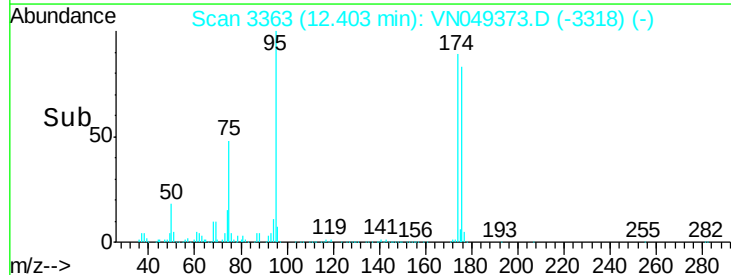
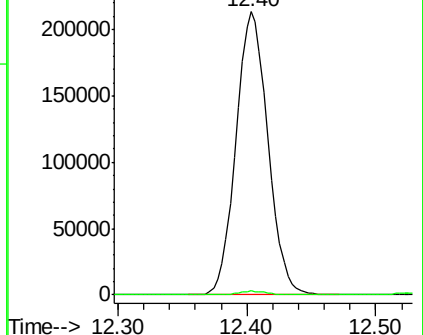
75 100

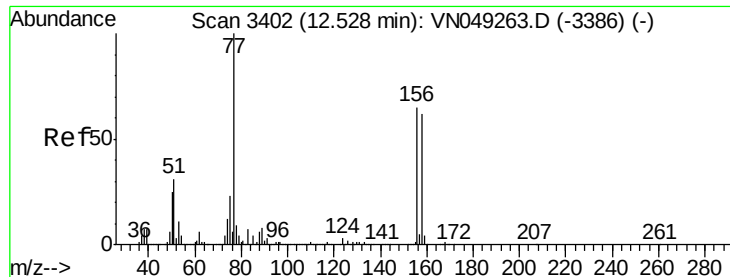
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 6.94 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.04 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

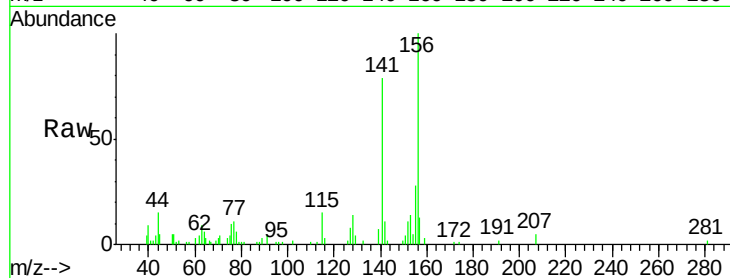
Tot Ion:156 Resp: 93608

Ion Ratio Lower Upper

156 100

77 2.4 100.8 302.4#

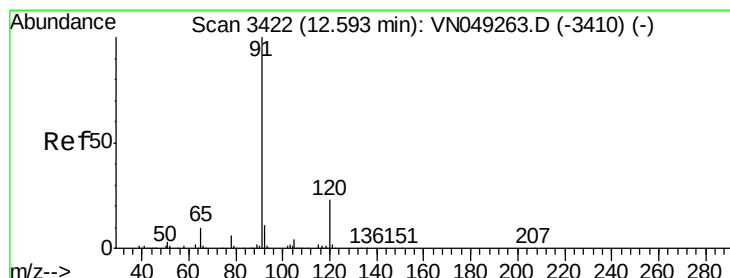
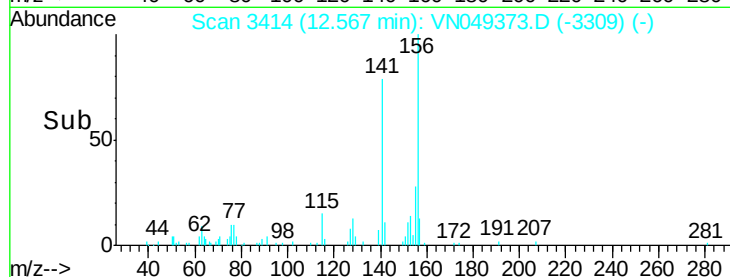
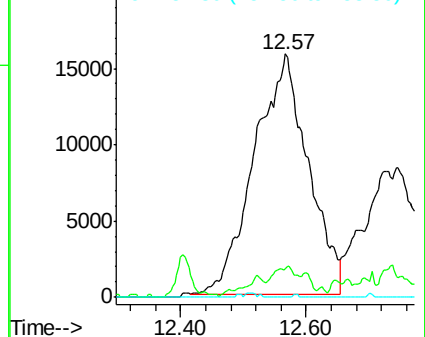
158 0.1 49.3 147.9#



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: 0.24 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049373.D

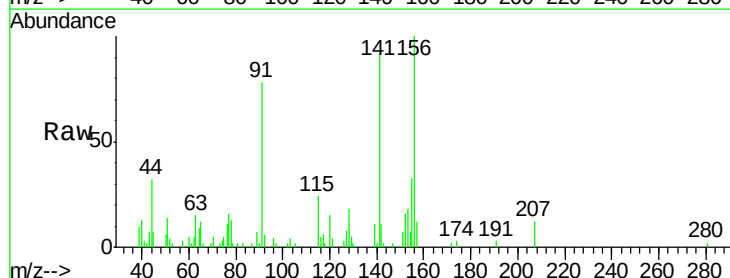
Acq: 19 Jun 2018 4:58

Tgt Ion: 91 Resp: 13714

Ion Ratio Lower Upper

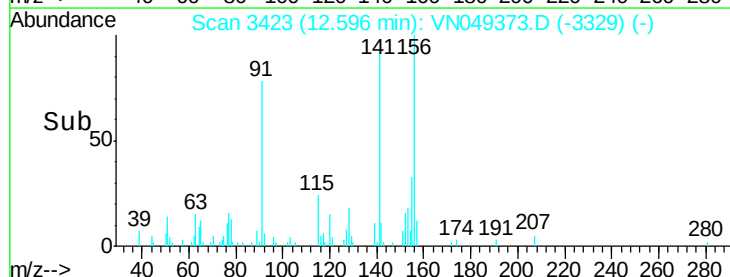
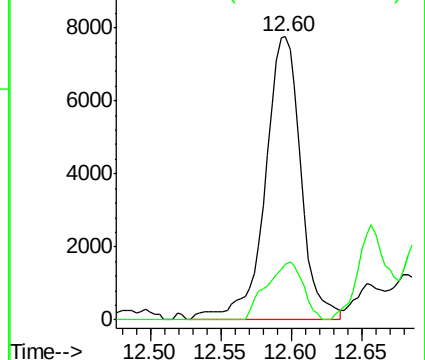
91 100

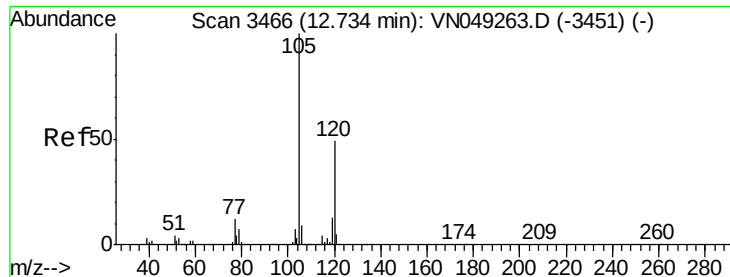
120 20.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

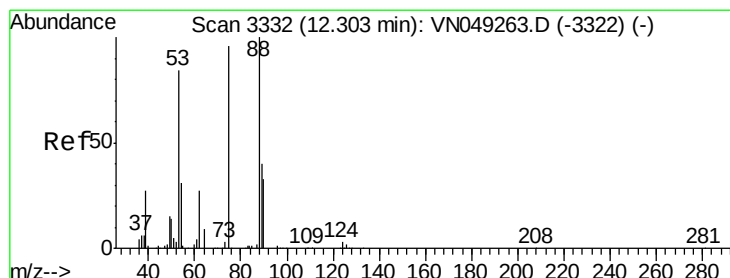
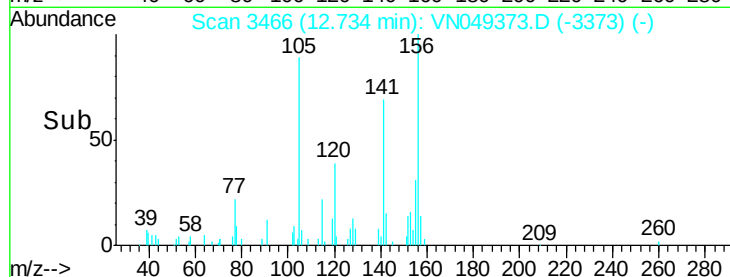
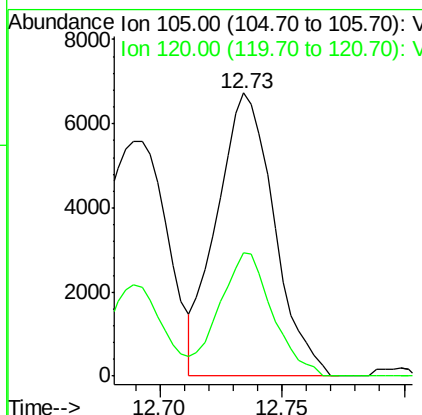
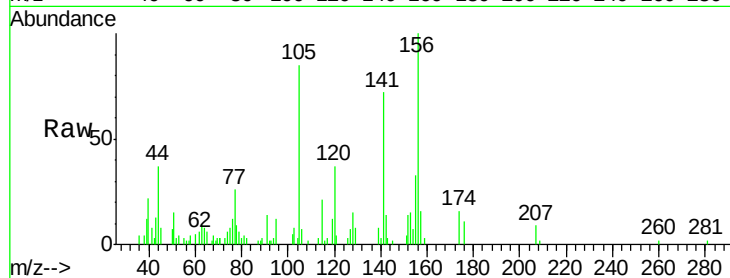




#80
 1,3,5-Trimethylbenzene
 Concen: 0.27 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

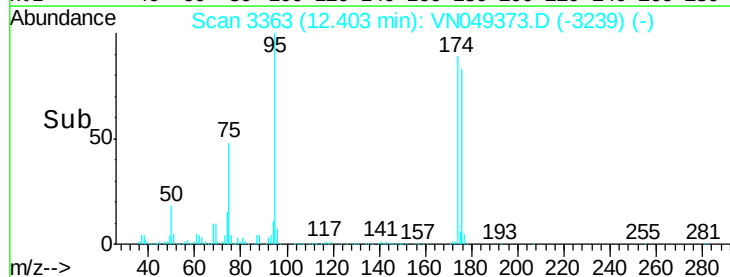
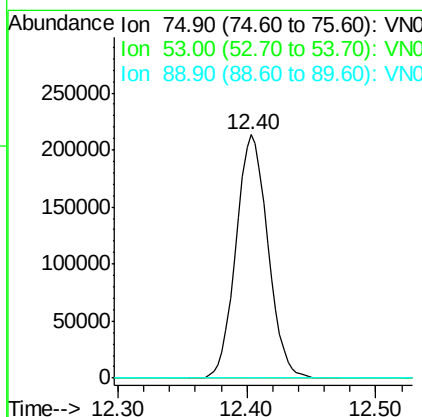
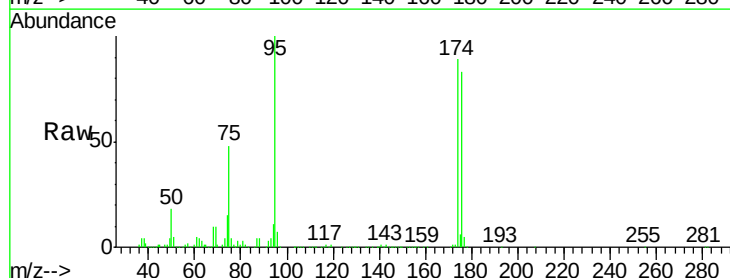
Instrument :
 MSVOA_N
 ClientSampleId :

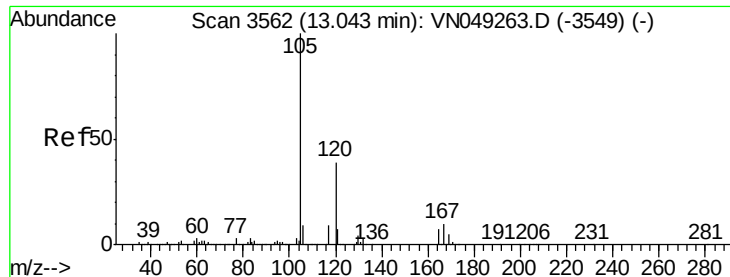
Tot Ion:105 Resp: 11003
 Ion Ratio Lower Upper
 105 100
 120 40.3 23.5 70.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.92 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

Tgt Ion: 75 Resp: 366886
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.7 124.1#
 89 0.0 36.5 54.7#

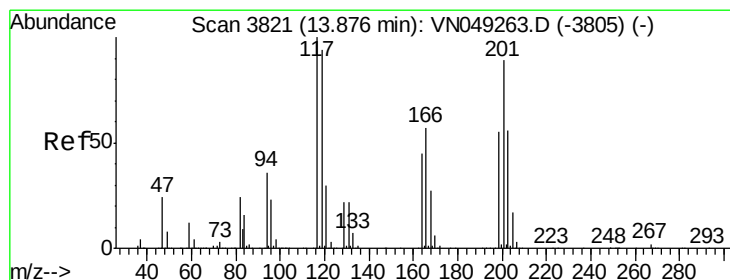
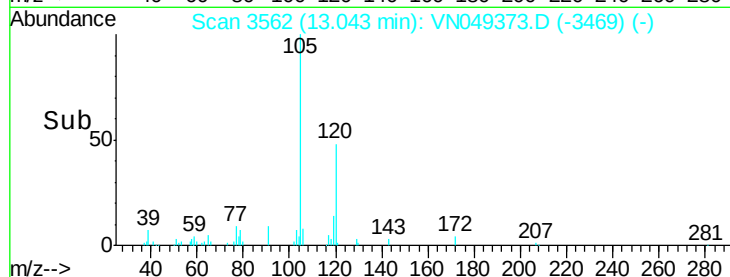
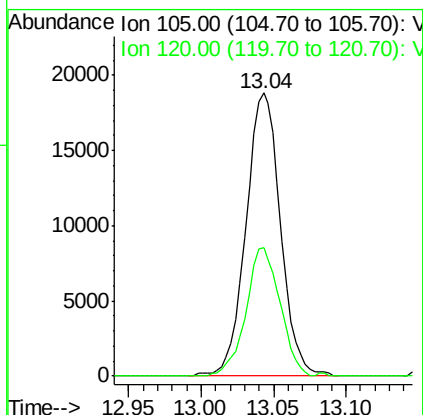
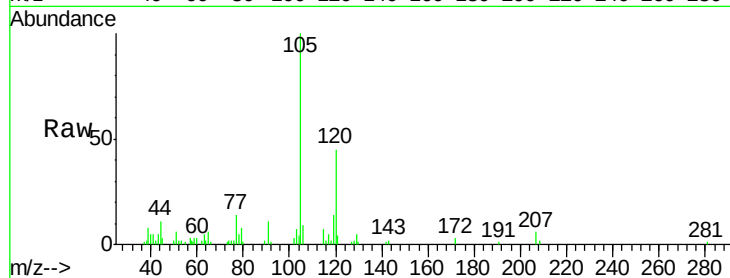




#84
 1,2,4-Trimethylbenzene
 Concen: 0.78 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

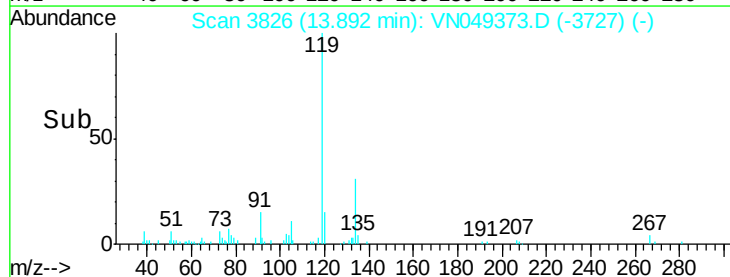
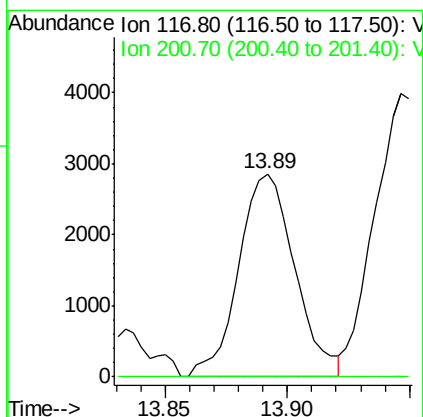
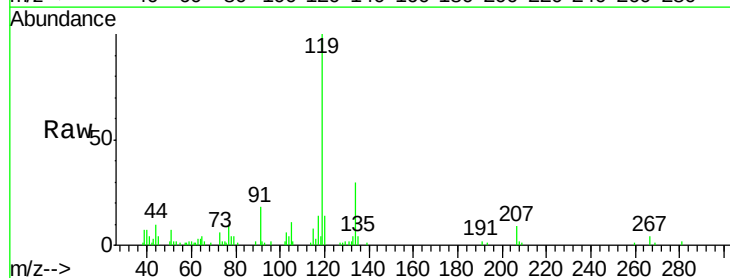
Instrument :
 MSVOA_N
 ClientSampled :

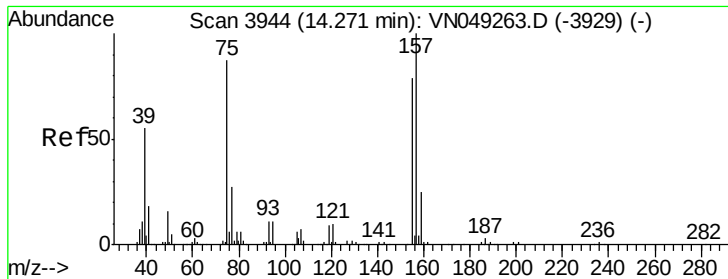
Tot Ion:105 Resp: 31238
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.2 66.6



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.89 min Scan# 3826
 Delta R.T. 0.02 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

Tgt Ion:117 Resp: 4557
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.1 120.2#

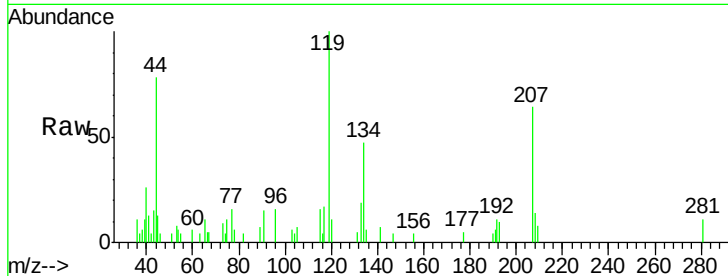




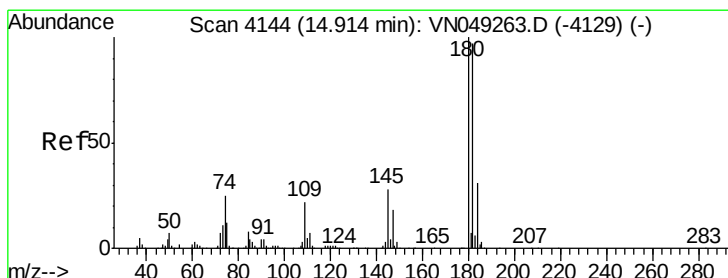
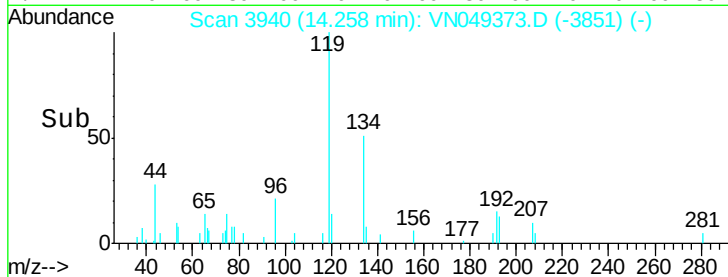
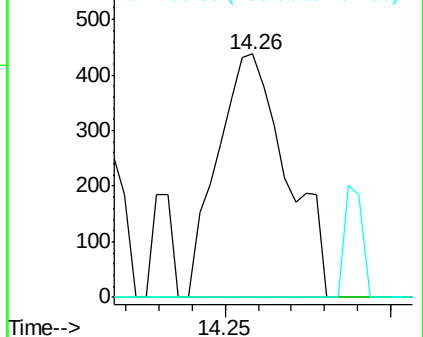
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.36 ug/l
 RT: 14.26 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 638
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.8 116.3#
 157 0.0 51.0 153.1#

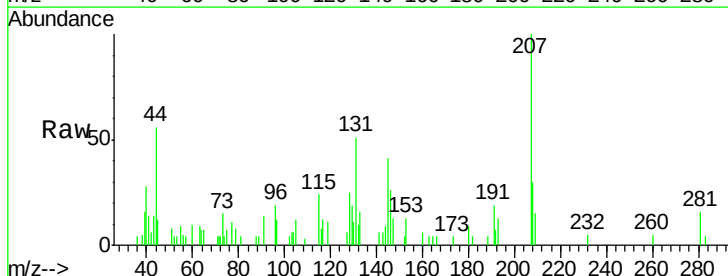


Abundance Ion 74.90 (74.60 to 75.60): VN049373.D (-3851) (-)
 Ion 154.80 (154.50 to 155.50): VN049373.D (-3851) (-)
 Ion 156.80 (156.50 to 157.50): VN049373.D (-3851) (-)

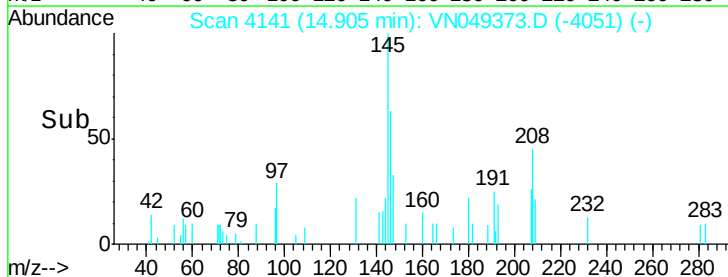
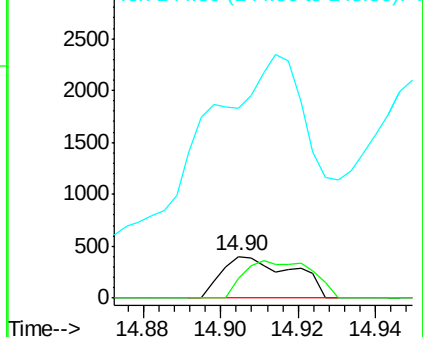


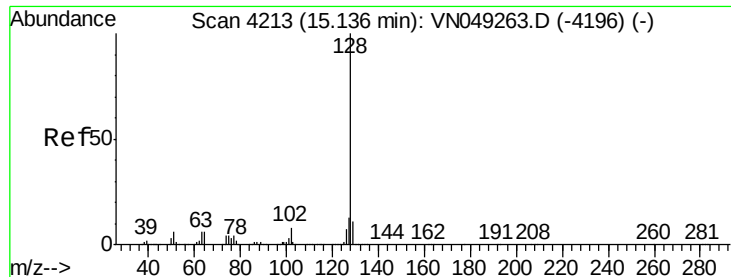
#93
 1,2,4-Trichlorobenzene
 Concen: 4.79 ug/l
 RT: 14.90 min Scan# 4141
 Delta R.T. -0.01 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

Tgt Ion: 180 Resp: 507
 Ion Ratio Lower Upper
 180 100
 182 87.0 46.9 140.8
 145 794.9 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): VN049373.D (-4051) (-)
 Ion 181.80 (181.50 to 182.50): VN049373.D (-4051) (-)
 Ion 144.80 (144.50 to 145.50): VN049373.D (-4051) (-)





#95

Naphthalene

Concen: 15.93 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

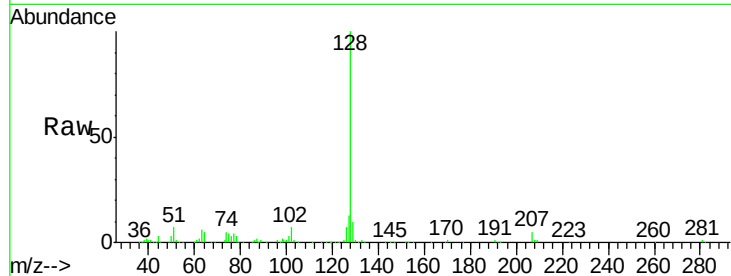
Tot Ion:128 Resp: 232215

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

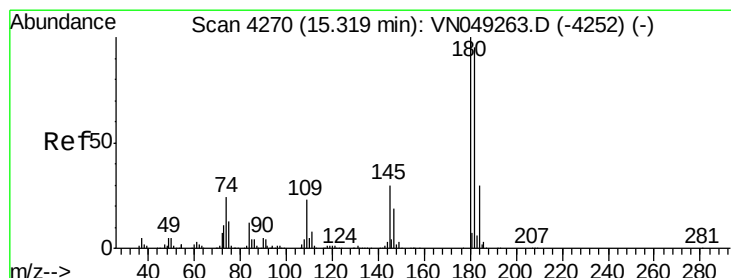
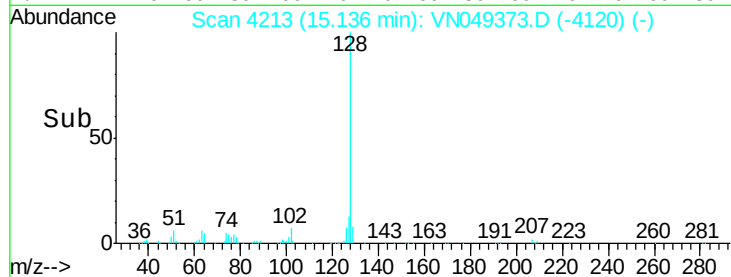
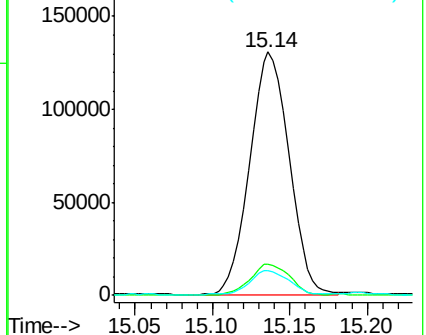
129 10.0 8.5 12.7



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: 3.47 ug/l

RT: 15.31 min Scan# 4267

Delta R.T. -0.01 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

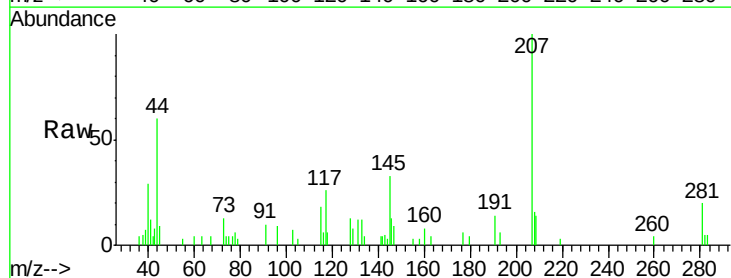
Tgt Ion:180 Resp: 181

Ion Ratio Lower Upper

180 100

182 164.6 47.3 141.8#

145 0.0 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

