

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049425.D
 Acq On : 20 Jun 2018 9:11
 Operator : MD\SY
 Sample : J3249-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 11:14:31 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	1144090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1830505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1435336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	405832	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	759456	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
35) Dibromofluoromethane	7.59	113	674031	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
50) Toluene-d8	10.09	98	2450763	43.46	ug/l	0.00
Spiked Amount			Recovery	=	86.92%	
62) 4-Bromofluorobenzene	12.40	95	598611	32.10	ug/l	0.00
Spiked Amount			Recovery	=	64.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	3490	0.367	ug/l #	80
11) Tert butyl alcohol	4.75	59	2580	2.897	ug/l #	81
13) Acrolein	3.61	56	205	0.219	ug/l #	38
14) Allyl chloride	4.55	41	313093	15.116	ug/l #	20
16) Acetone	3.82	43	35172	9.546	ug/l	91
18) Methyl Acetate	4.33	43	105314	9.374	ug/l	96
20) Methylene Chloride	4.55	84	8913965	579.279	ug/l	91
25) 2-Butanone	6.85	43	5776	1.168	ug/l #	82
29) Tetrahydrofuran	7.21	42	876	0.275	ug/l #	67
31) Cyclohexane	7.66	56	21233	0.773	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	80730	3.848	ug/l #	51
38) Carbon Tetrachloride	7.67	117	103500	4.765	ug/l #	18
43) Isopropyl Acetate	8.22	43	295022	13.538	ug/l #	64
49) 1,4-Dioxane	9.00	88	32	0.226	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	5192	0.455	ug/l #	59
52) Toluene	10.16	92	7962	0.211	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.98	63	33	14.332	ug/l #	51
65) Chlorobenzene	11.44	112	11141	0.301	ug/l	95
68) m/p-Xylenes	11.62	106	9156	0.398	ug/l	99
71) Bromoform	12.41	173	4550	0.505	ug/l #	1
74) N-amyl acetate	12.05	43	2688	0.308	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.43	83	117	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	288103	41.606	ug/l #	100
77) Bromobenzene	12.55	156	6529	0.694	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	16809	0.600	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	288103	131.498	ug/l #	8
83) tert-Butylbenzene	13.04	119	8442	0.340	ug/l #	79
84) 1,2,4-Trimethylbenzene	13.04	105	61404	2.207	ug/l	96
90) Hexachloroethane	13.89	117	1008	Below Cal	#	9
92) 1,2-Dibromo-3-Chloropropan	14.25	75	403	0.325	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.92	180	505	4.808	ug/l #	1
95) Naphthalene	15.14	128	114090	11.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	82	3.469	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049425.D
Acq On : 20 Jun 2018 9:11
Operator : MD\SY
Sample : J3249-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 20 11:14:31 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

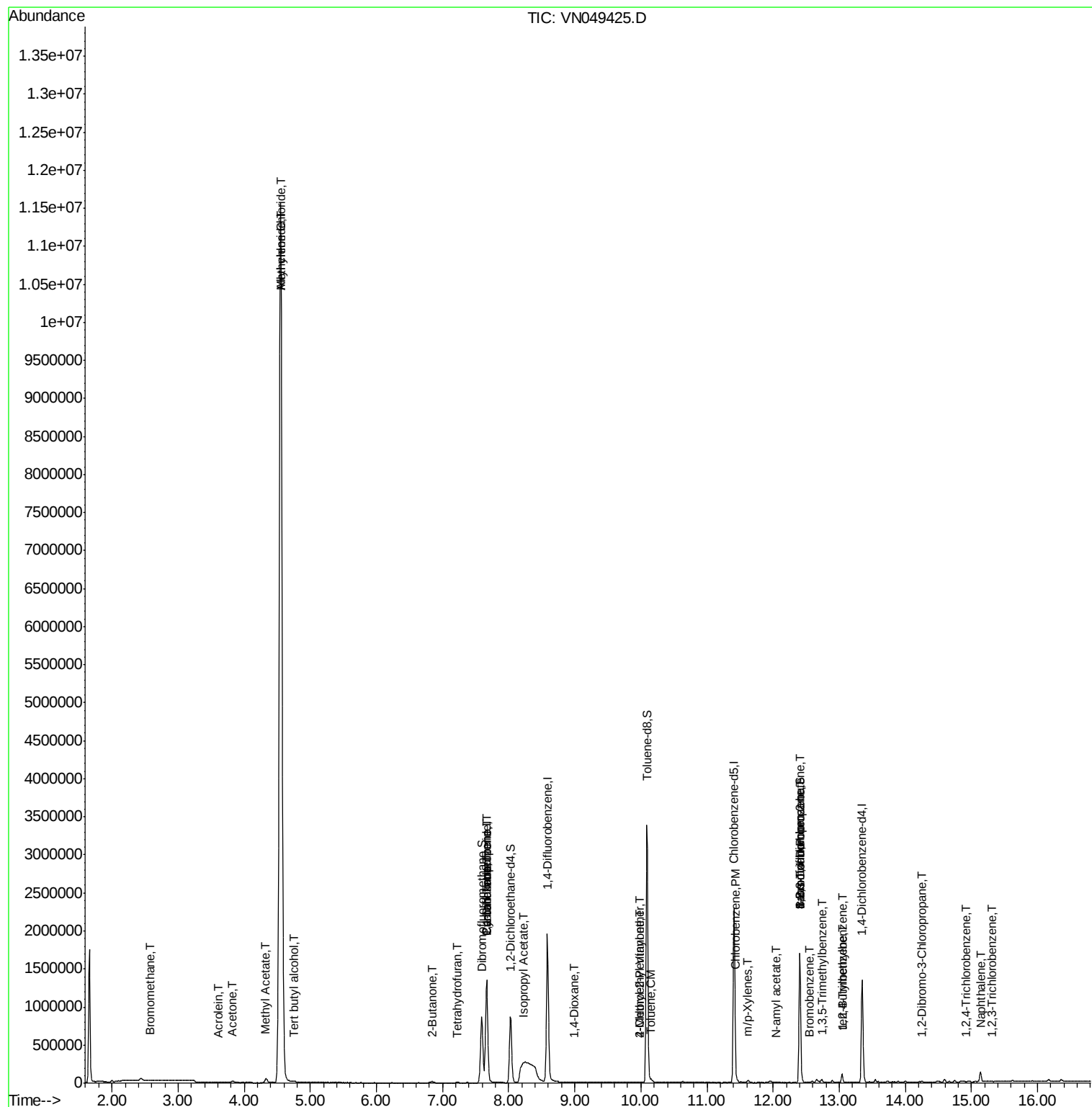
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

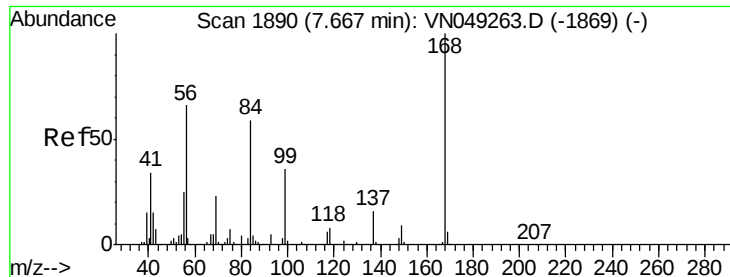
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049425.D
Acq On : 20 Jun 2018 9:11
Operator : MD\SY
Sample : J3249-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 20 11:14:31 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

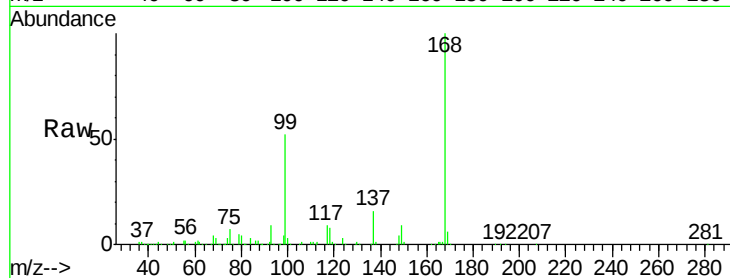
ClientSampleId :

Tot Ion:168 Resp: 1144090

Ion Ratio Lower Upper

168 100

99 52.3 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

500000

400000

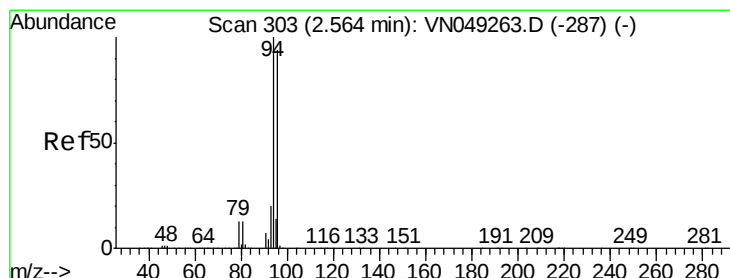
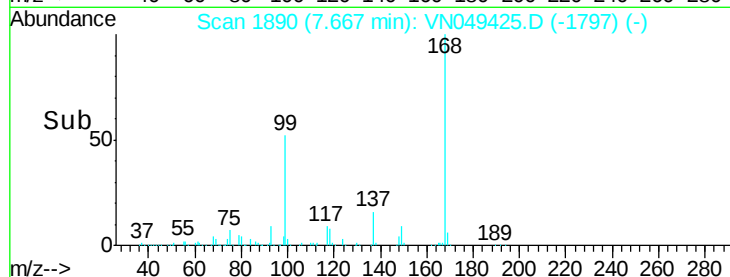
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.367 ug/l

RT: 2.58 min Scan# 307

Delta R.T. 0.01 min

Lab File: VN049425.D

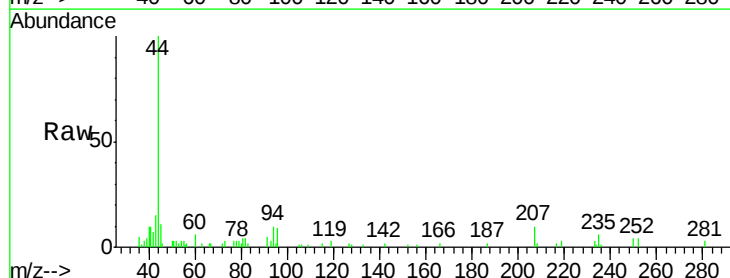
Acq: 20 Jun 2018 9:11

Tgt Ion: 94 Resp: 3490

Ion Ratio Lower Upper

94 100

96 71.7 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.58

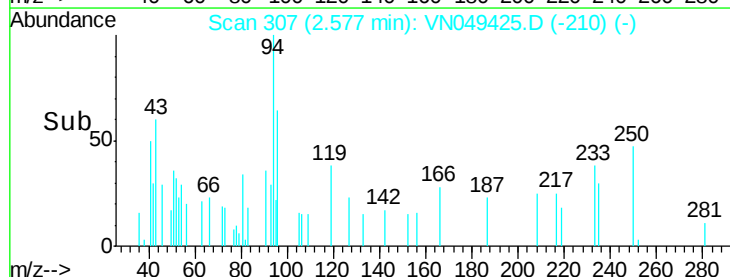
1500

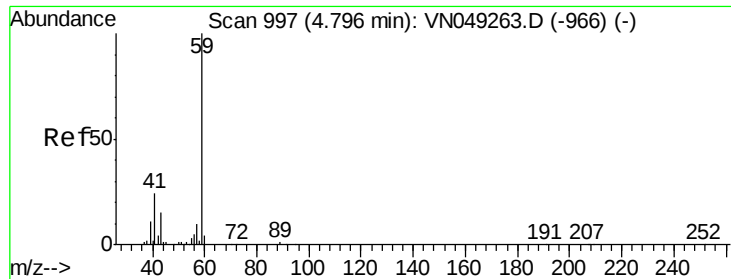
1000

500

0

Time-->

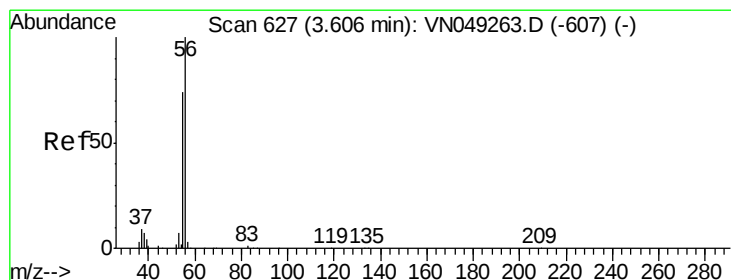
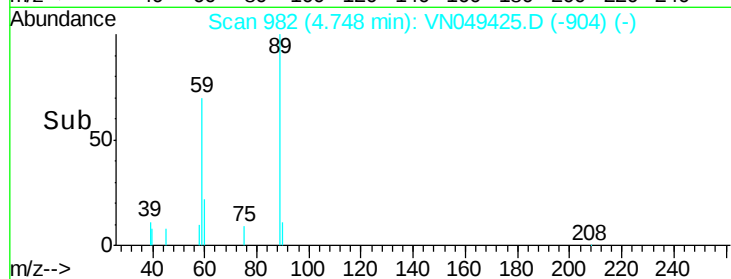
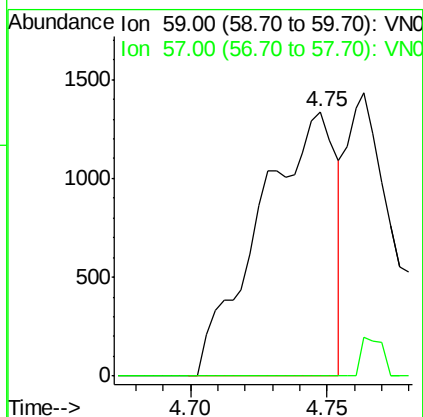
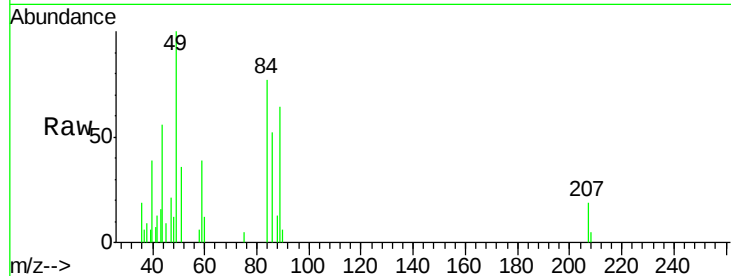




#11
Tert butyl alcohol
Concen: 2.897 ug/l
RT: 4.75 min Scan# 982
Delta R.T. -0.05 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

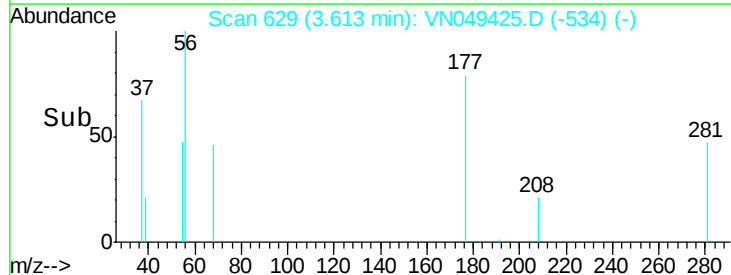
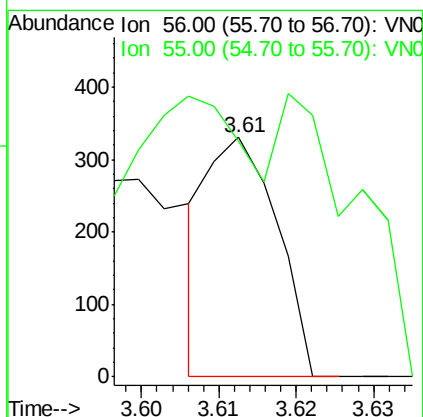
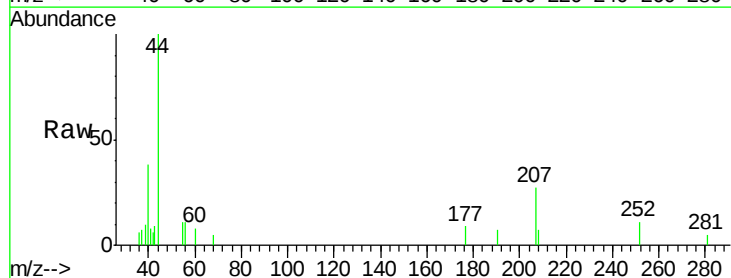
Instrument :
MSVOA_N
ClientSampled :

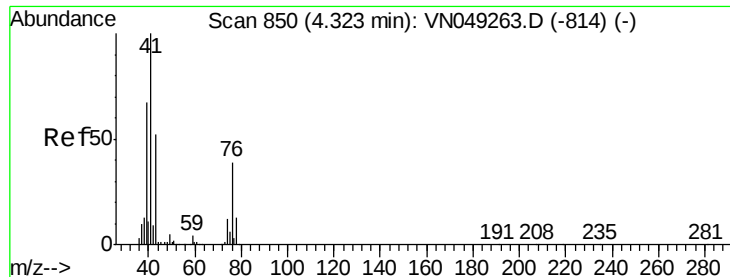
Tot Ion: 59 Resp: 2580
Ion Ratio Lower Upper
59 100
57 4.1 9.0 13.6#



#13
Acrolein
Concen: 0.219 ug/l
RT: 3.61 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 122.4 57.1 85.7#

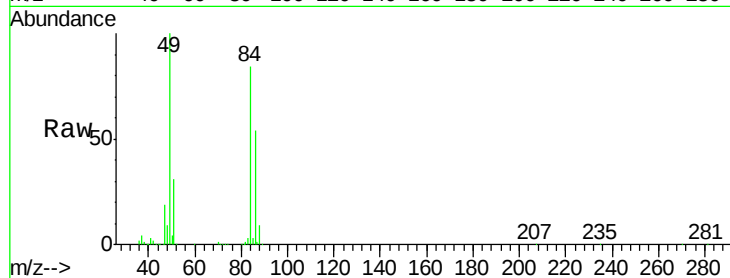




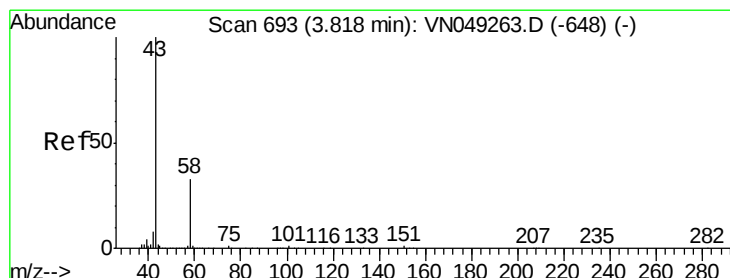
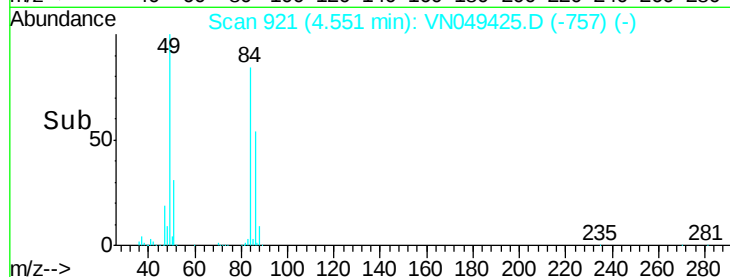
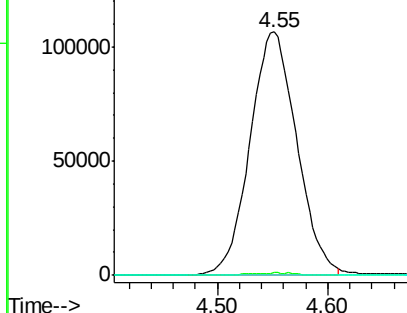
#14
Allvl chloride
Concen: 15.116 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
41	100		
39	1.1	62.5	93.7#
76	0.0	27.1	40.7#

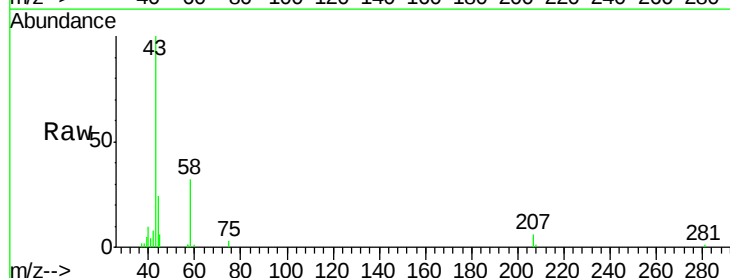


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

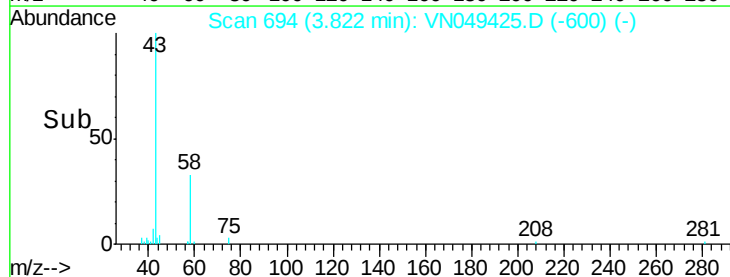
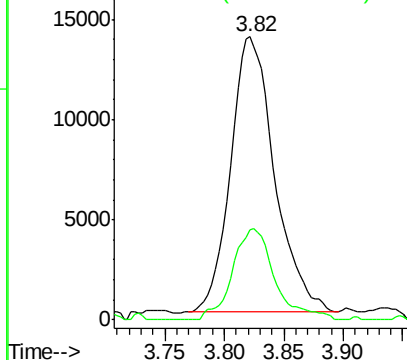


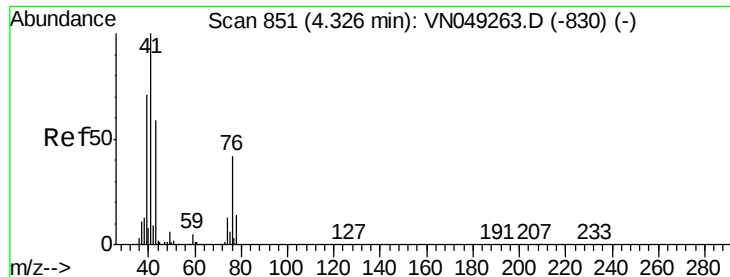
#16
Acetone
Concen: 9.546 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	22.4	33.6



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

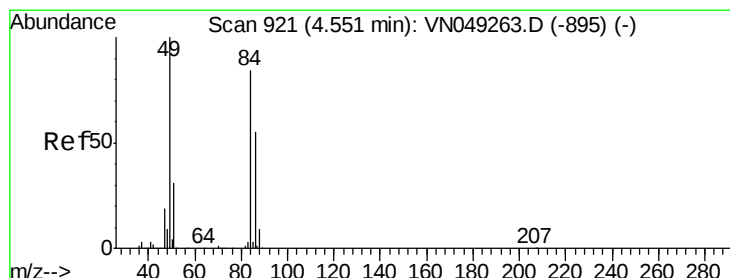
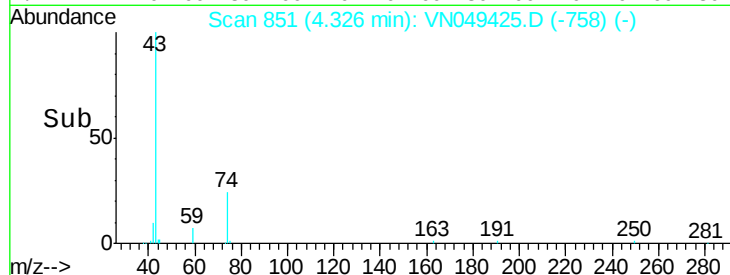
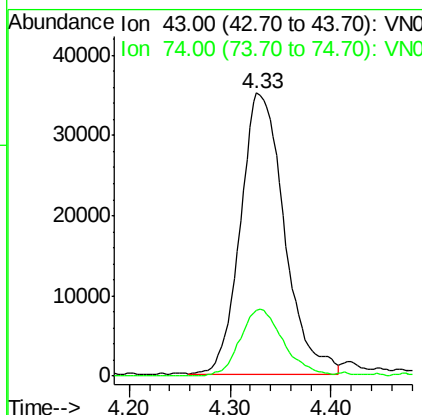
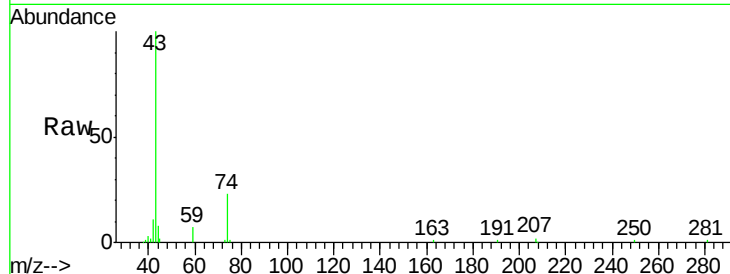




#18
Methvl Acetate
Concen: 9.374 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

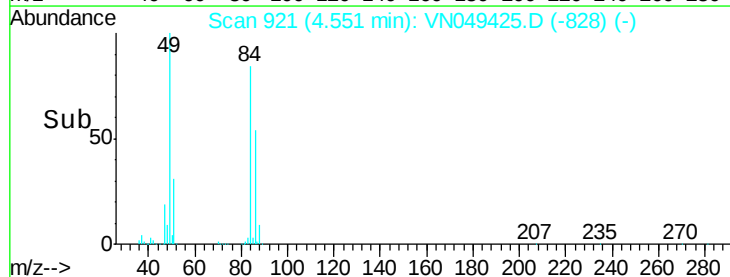
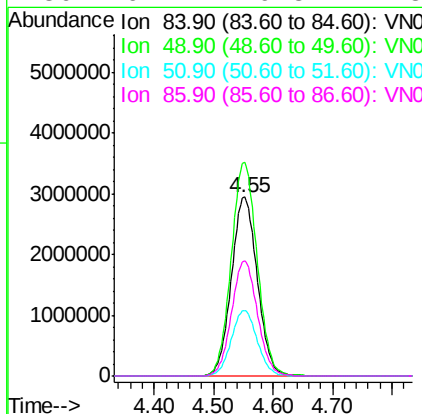
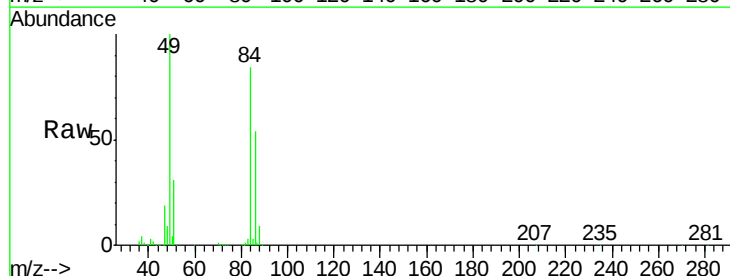
Instrument :
MSVOA_N
ClientSampleId :

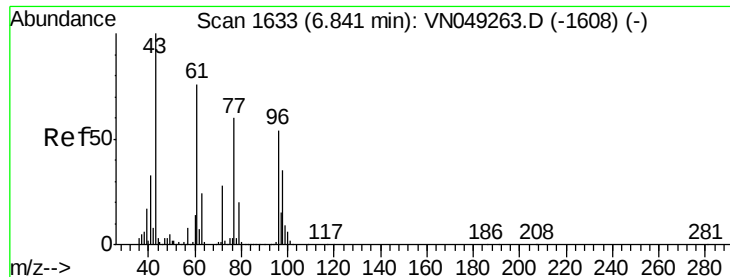
Tot Ion: 43 Resp: 105314
Ion Ratio Lower Upper
43 100
74 23.7 17.4 26.0



#20
Methylene Chloride
Concen: 579.279 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

Tgt Ion: 84 Resp: 8913965
Ion Ratio Lower Upper
84 100
49 119.6 106.9 160.3
51 36.9 32.7 49.1
86 64.7 49.8 74.8

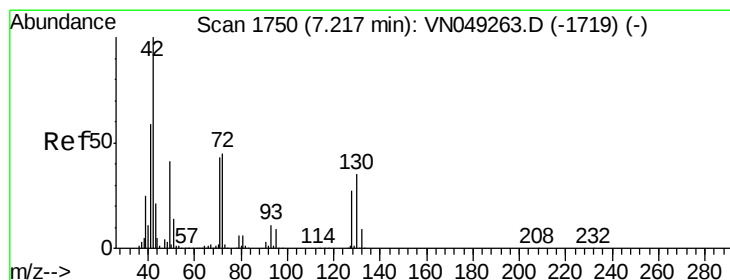
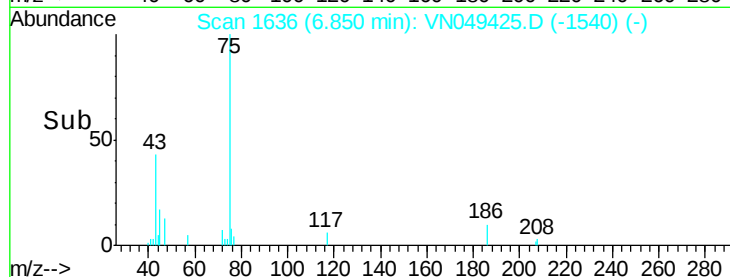
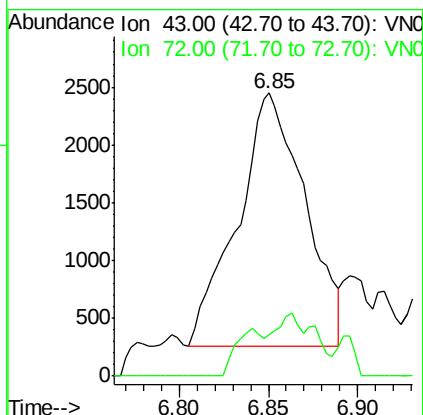
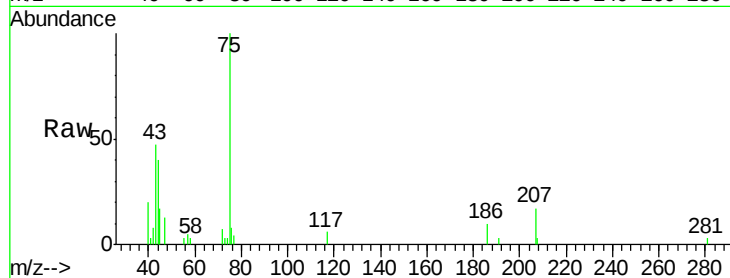




#25
2-Butanone
Concen: 1.168 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

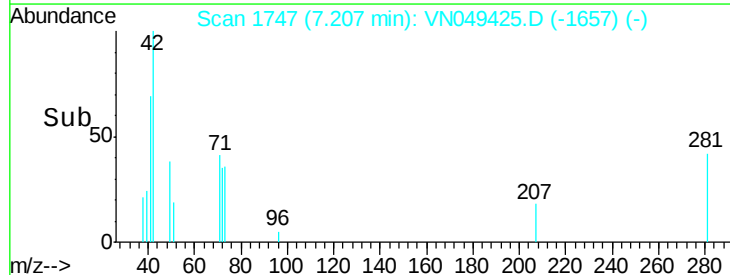
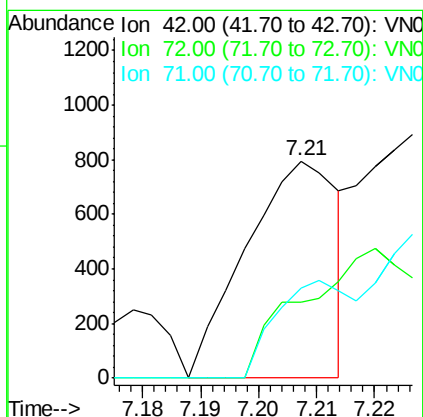
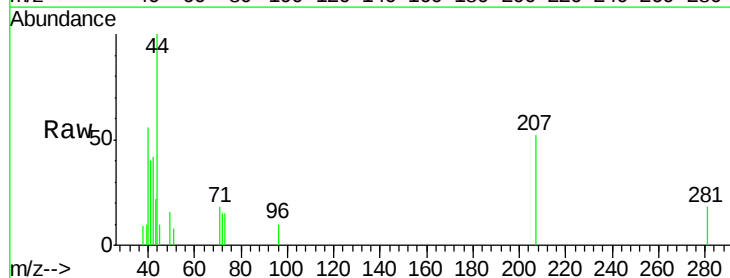
Instrument :
MSVOA_N
ClientSampled :

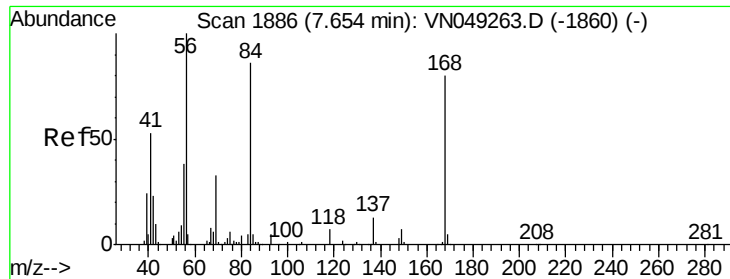
Tot Ion: 43 Resp: 5776
Ion Ratio Lower Upper
43 100
72 16.4 20.2 30.2#



#29
Tetrahydrofuran
Concen: 0.275 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

Tgt Ion: 42 Resp: 876
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 38.1 30.5 45.7

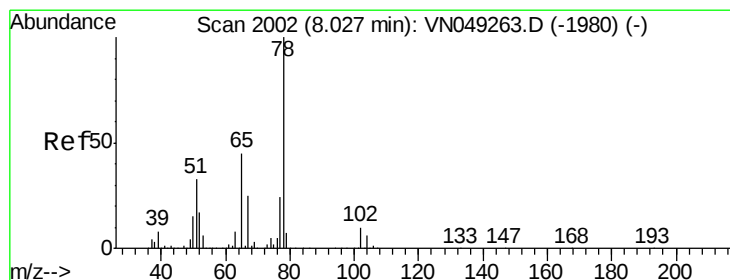
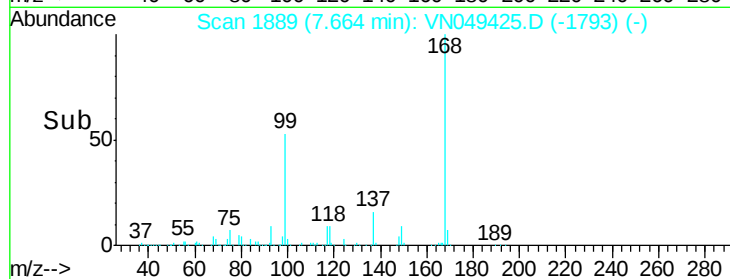
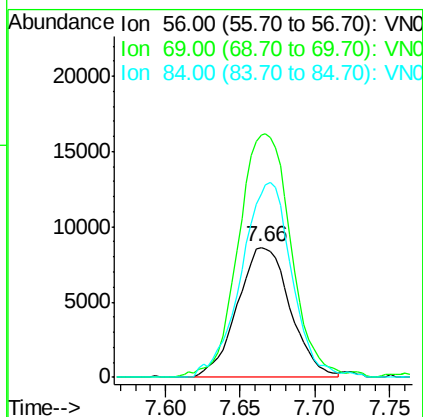
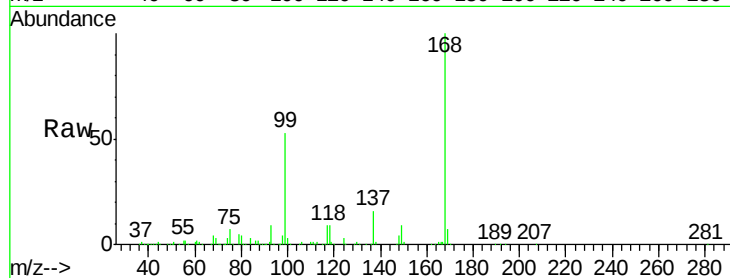




#31
Cyclohexane
Concen: 0.773 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

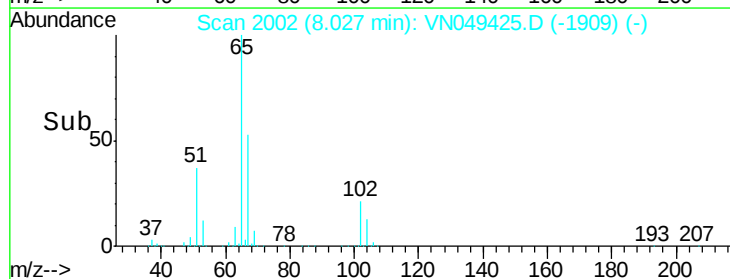
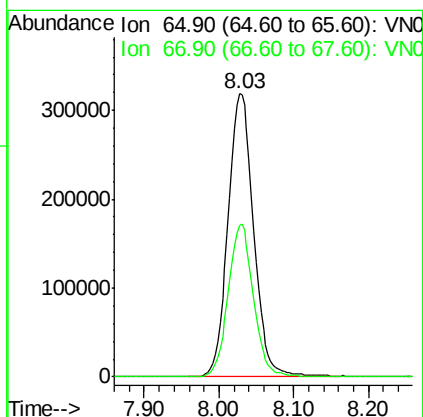
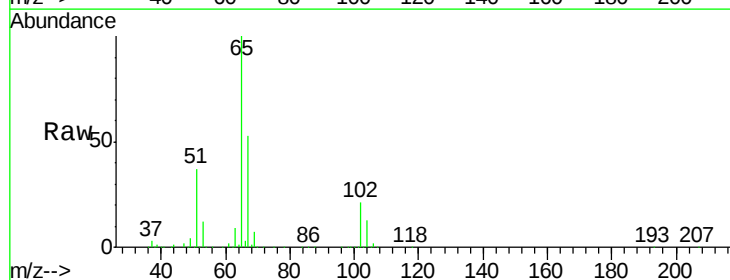
Instrument :
MSVOA_N
ClientSampled :

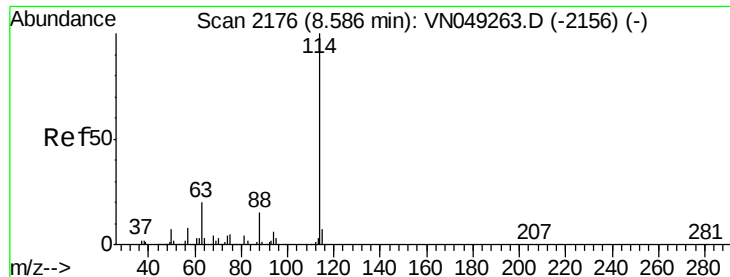
Tot Ion: 56 Resp: 21233
Ion Ratio Lower Upper
56 100
69 182.0 25.0 37.4#
84 141.5 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 50.048 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

Tgt Ion: 65 Resp: 759456
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.8

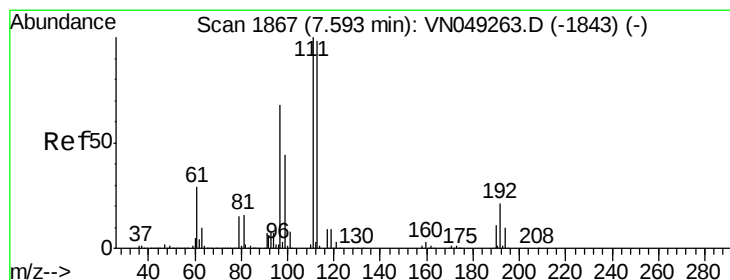
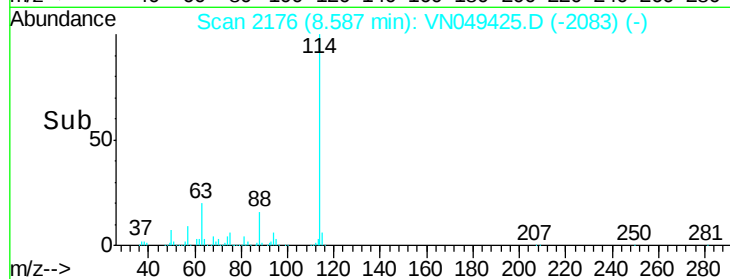
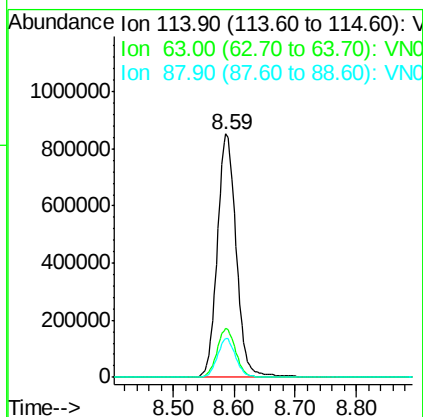
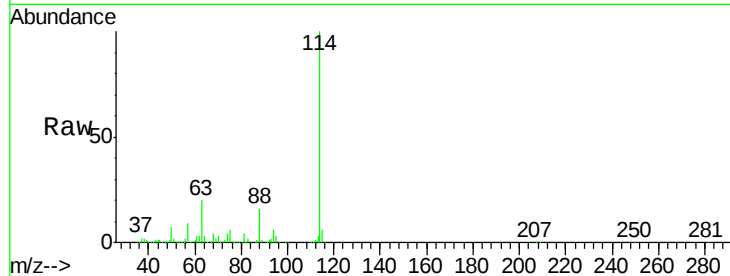




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

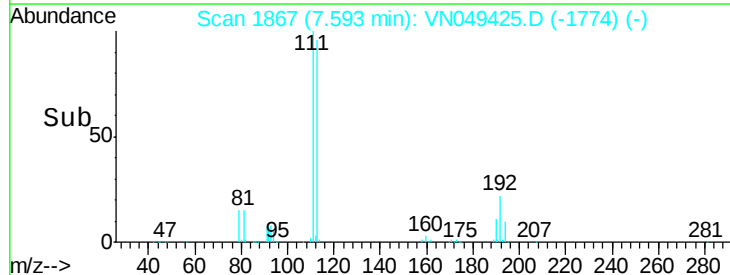
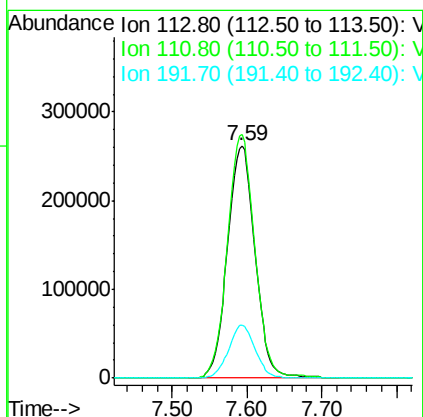
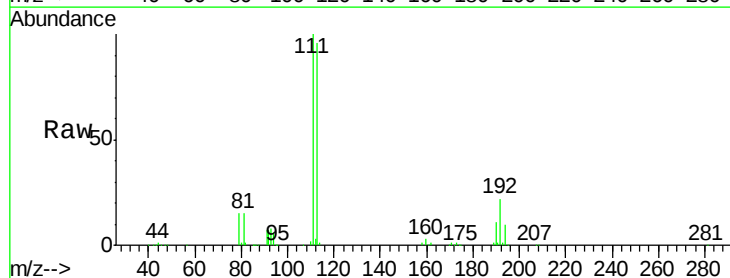
Instrument :
MSVOA_N
ClientSampled :

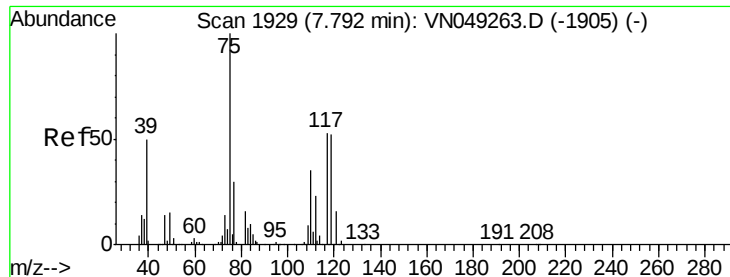
Tot Ion:114 Resp: 1830505
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.4
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 45.513 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

Tgt Ion:113 Resp: 674031
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 21.9 15.0 22.6





#36

1,1-Dichloropropene

Concen: 3.848 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

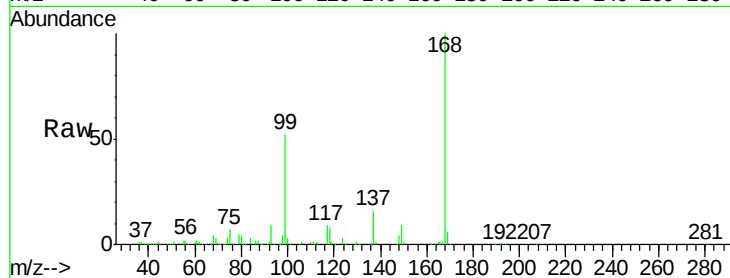
Tot Ion: 75 Resp: 80730

Ion Ratio Lower Upper

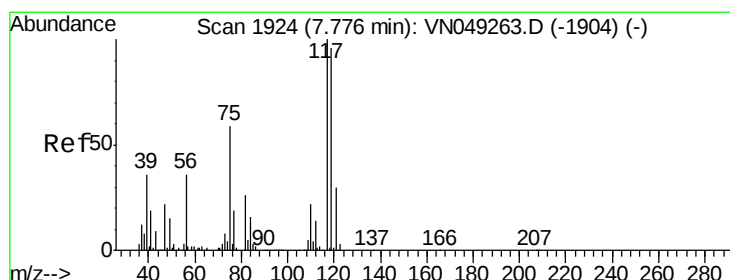
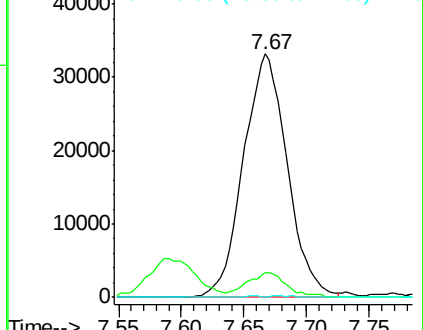
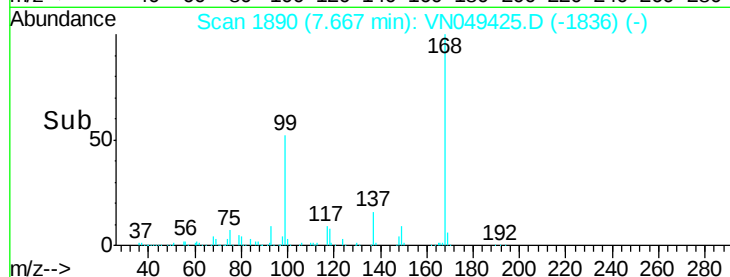
75 100

110 9.3 17.0 50.9#

77 0.2 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VN049425.D (-1836) (-)



#38

Carbon Tetrachloride

Concen: 4.765 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

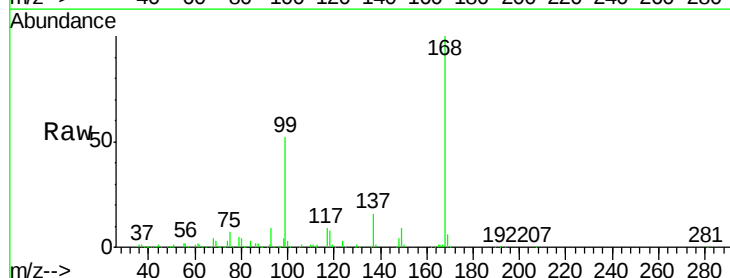
Tgt Ion: 117 Resp: 103500

Ion Ratio Lower Upper

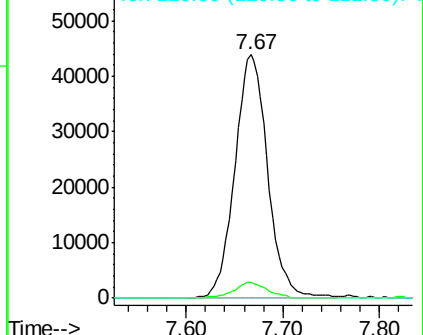
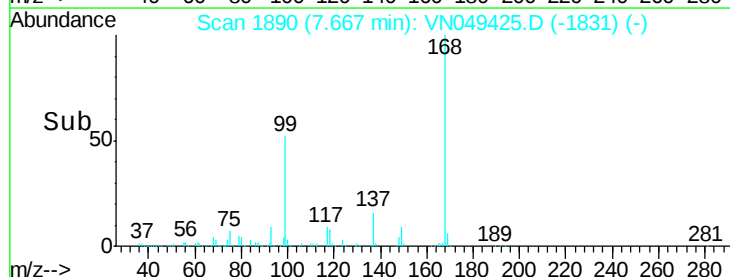
117 100

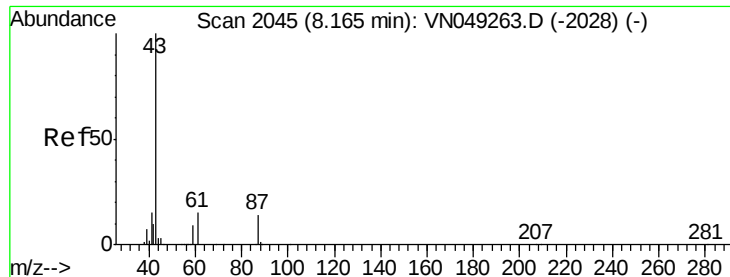
119 6.5 75.6 113.4#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): VN049425.D (-1831) (-)

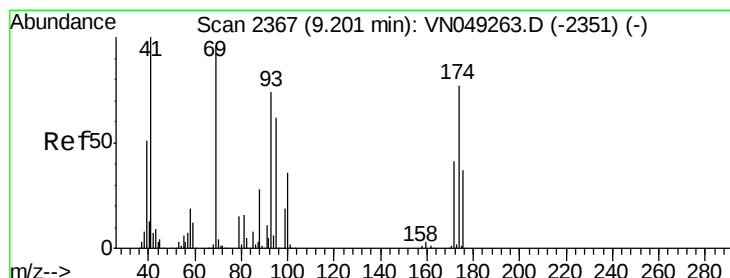
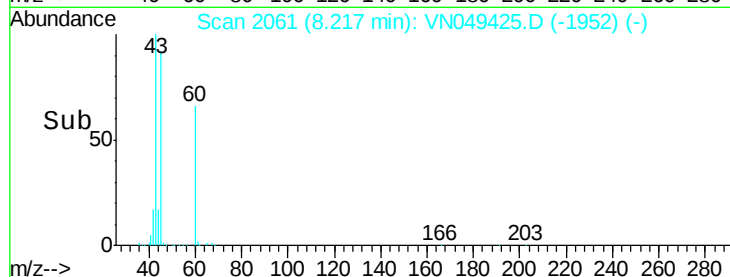
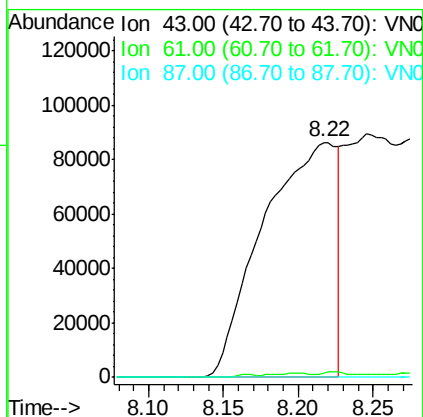
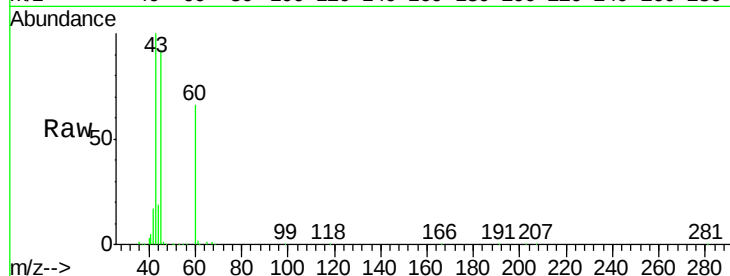




#43
Isopropyl Acetate
Concen: 13.538 ug/l
RT: 8.22 min Scan# 2061
Delta R.T. 0.05 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

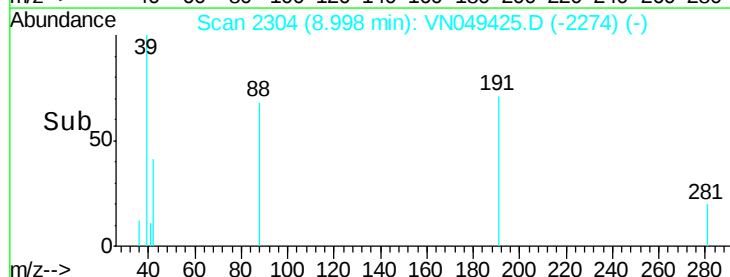
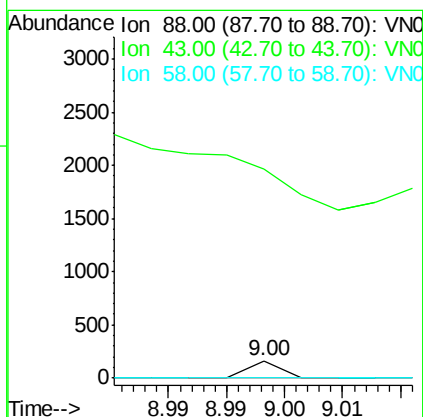
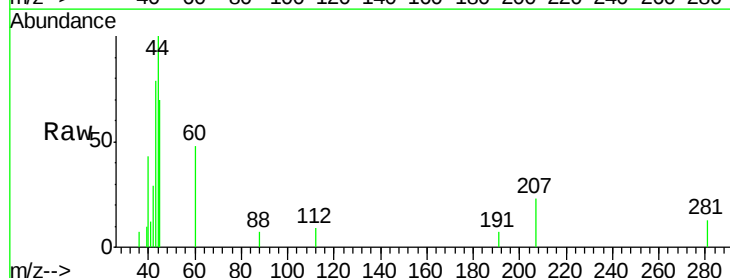
Instrument :
MSVOA_N
ClientSampleId :

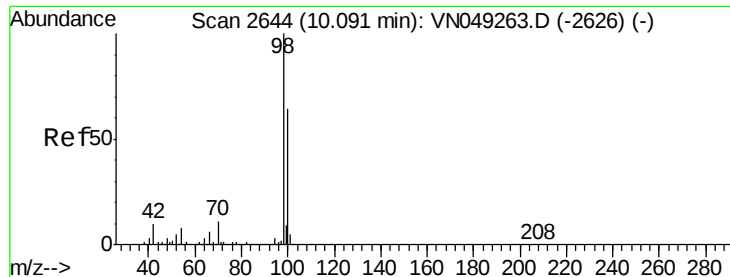
Tot Ion: 43 Resp: 295022
Ion Ratio Lower Upper
43 100
61 0.3 14.2 21.4#
87 0.0 9.4 14.0#



#49
1,4-Dioxane
Concen: 0.226 ug/l
RT: 9.00 min Scan# 2304
Delta R.T. -0.20 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 0.0 58.9 88.3#





#50

Toluene-d8

Concen: 43.461 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

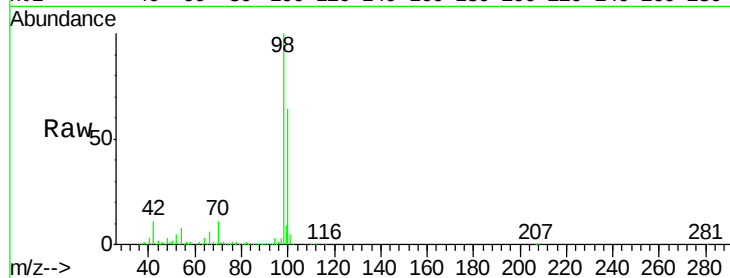
ClientSampleId :

Tot Ion: 98 Resp: 2450763

Ion Ratio Lower Upper

98 100

100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

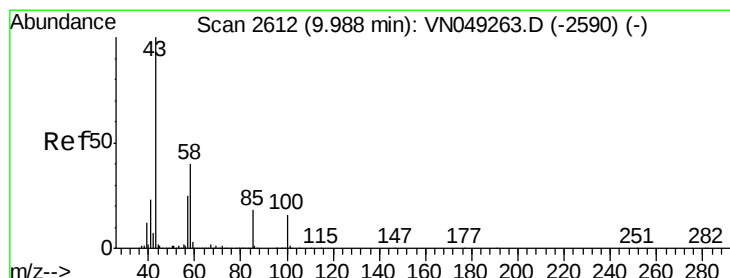
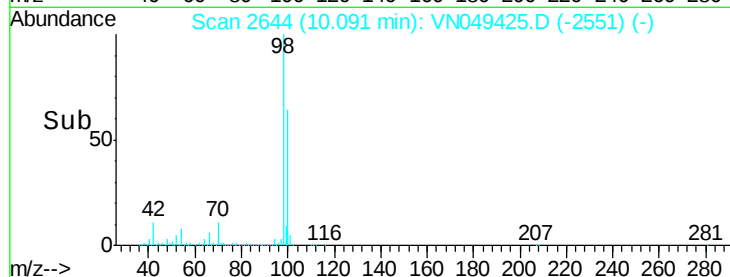
1000000

500000

0

10.09

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.455 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049425.D

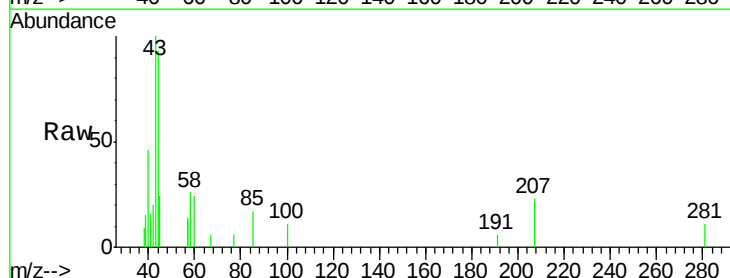
Acq: 20 Jun 2018 9:11

Tgt Ion: 43 Resp: 5192

Ion Ratio Lower Upper

43 100

58 12.3 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3000

2500

2000

1500

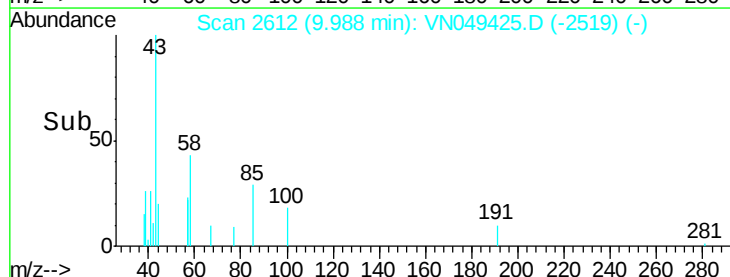
1000

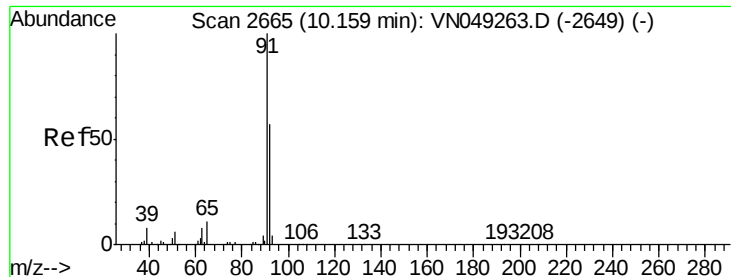
500

0

9.99

Time-->





#52

Toluene

Concen: 0.211 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

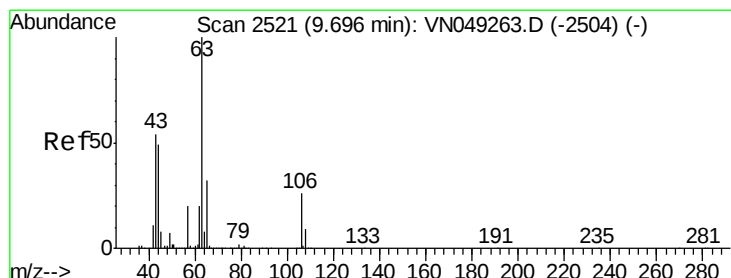
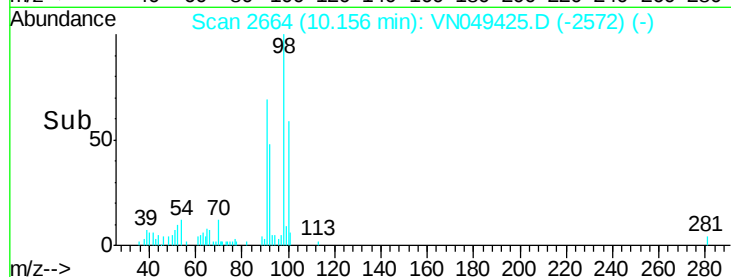
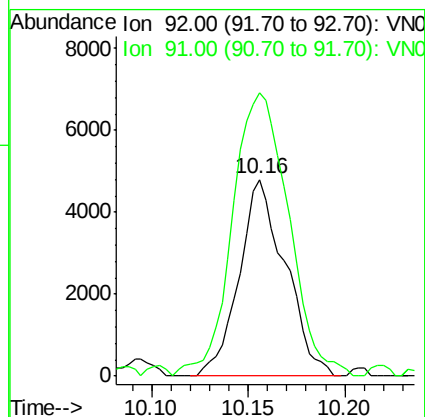
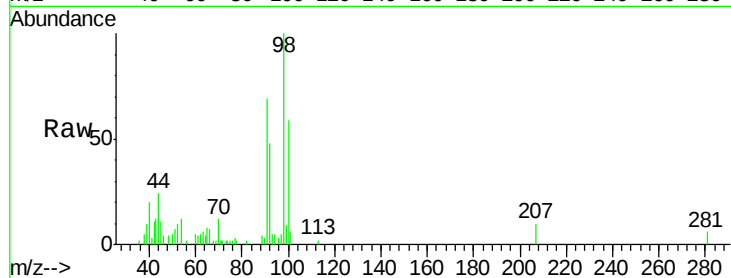
ClientSampleId :

Tot Ion: 92 Resp: 7962

Ion Ratio Lower Upper

92 100

91 175.3 143.4 215.2



#58

2-Chloroethyl Vinyl ether

Concen: 14.332 ug/l

RT: 9.98 min Scan# 2608

Delta R.T. 0.28 min

Lab File: VN049425.D

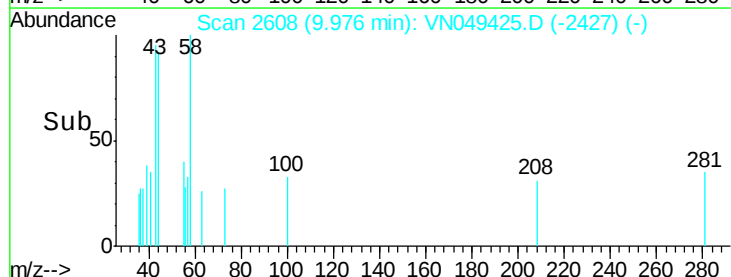
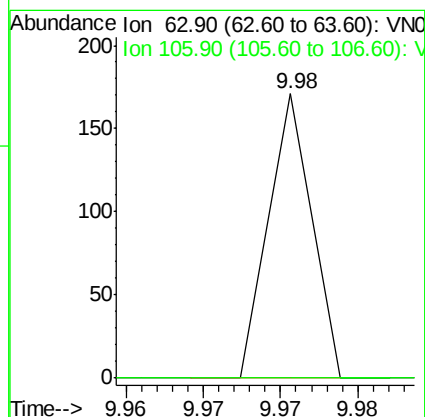
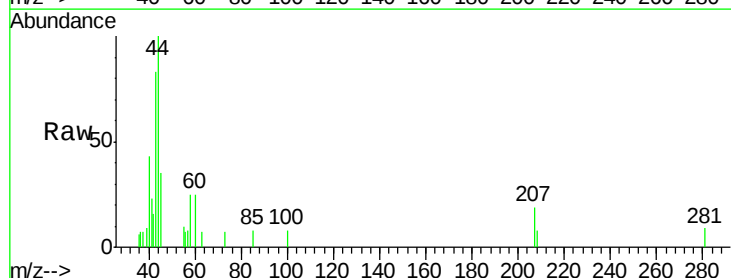
Acq: 20 Jun 2018 9:11

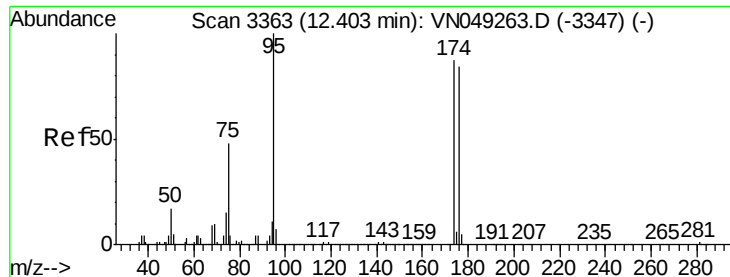
Tgt Ion: 63 Resp: 33

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#





#62

4-Bromofluorobenzene

Concen: 32.105 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

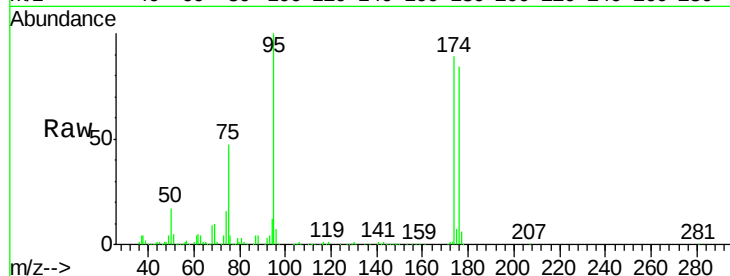
Tot Ion: 95 Resp: 598611

Ion Ratio Lower Upper

95 100

174 89.6 0.0 165.6

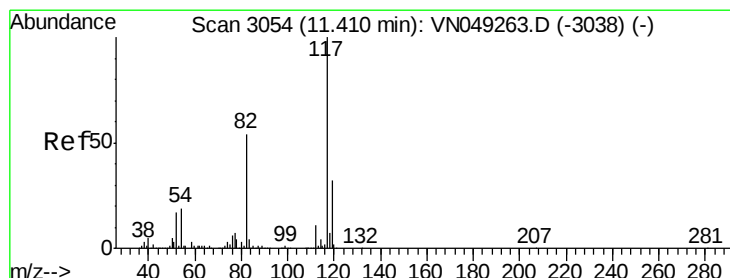
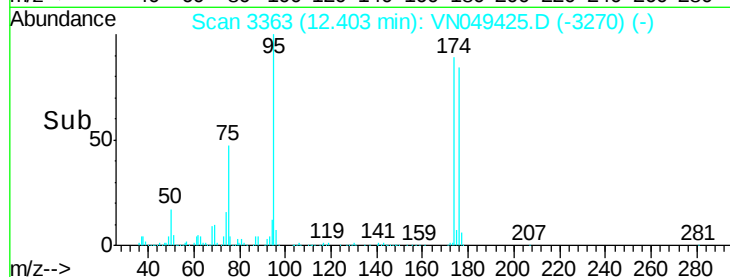
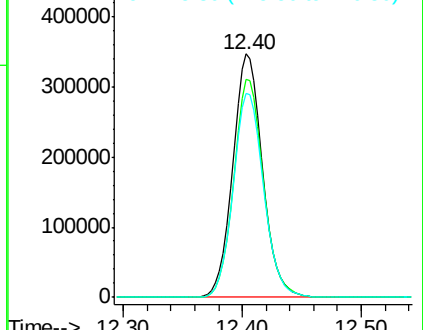
176 85.6 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

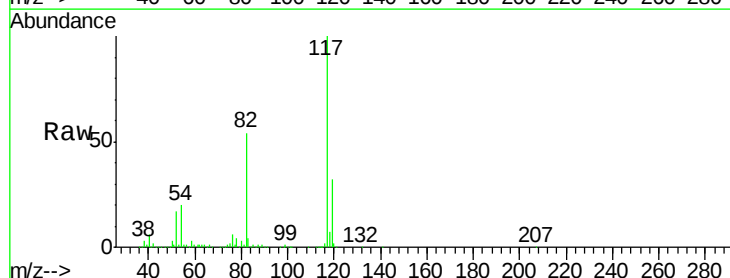
Tgt Ion: 117 Resp: 1435336

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

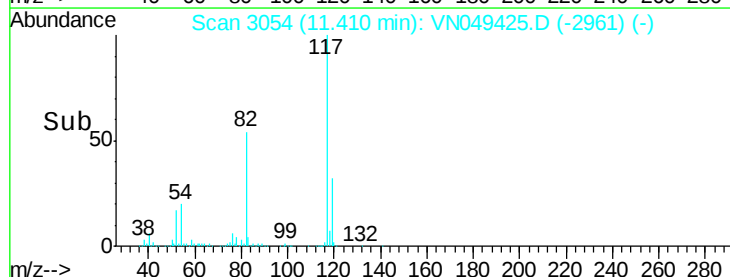
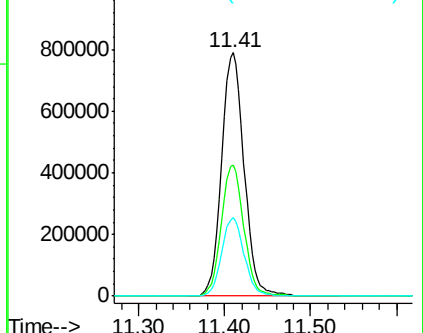
119 32.1 25.5 38.3

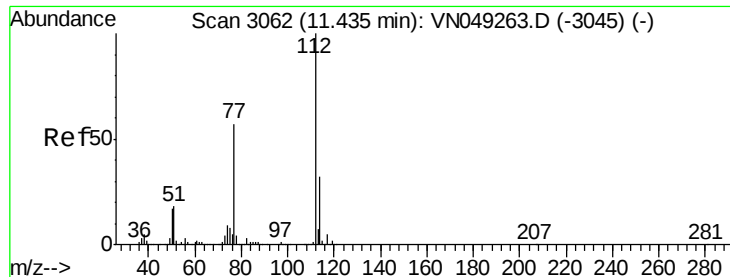


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

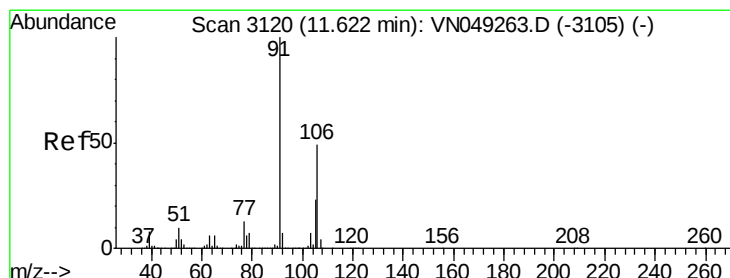
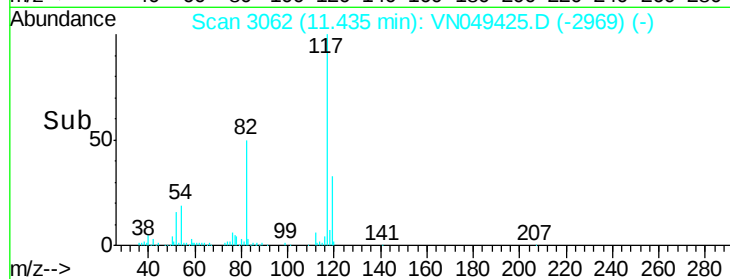
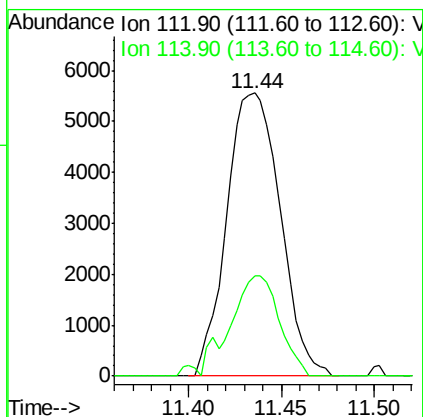
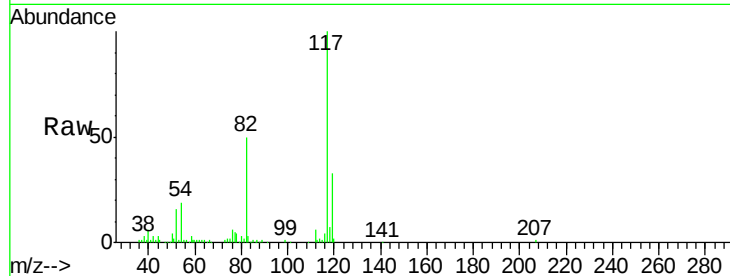




#65
Chlorobenzene
Concen: 0.301 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

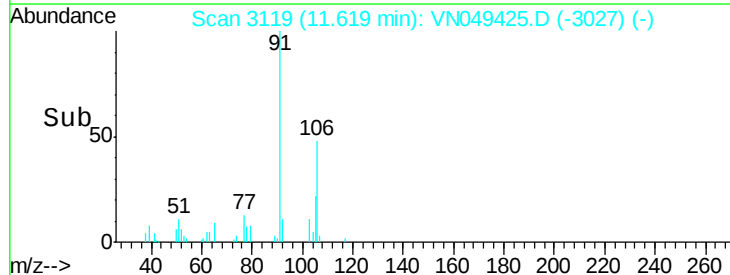
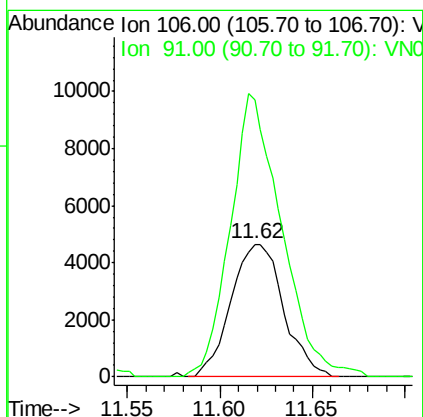
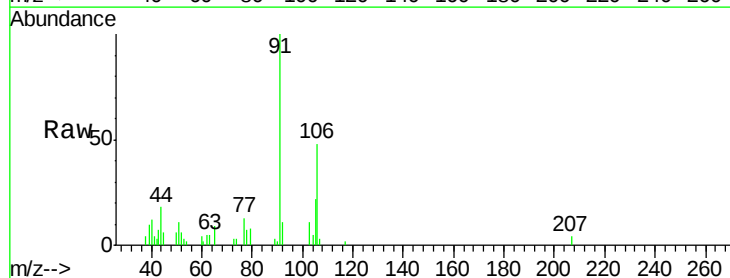
Instrument :
MSVOA_N
ClientSampled :

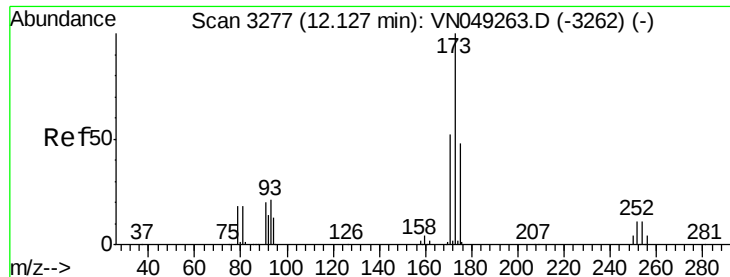
Tot Ion:112 Resp: 11141
Ion Ratio Lower Upper
112 100
114 35.6 26.2 39.4



#68
m/p-Xylenes
Concen: 0.398 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049425.D
Acq: 20 Jun 2018 9:11

Tgt Ion:106 Resp: 9156
Ion Ratio Lower Upper
106 100
91 208.3 167.3 250.9





#71

Bromoform

Concen: 0.505 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

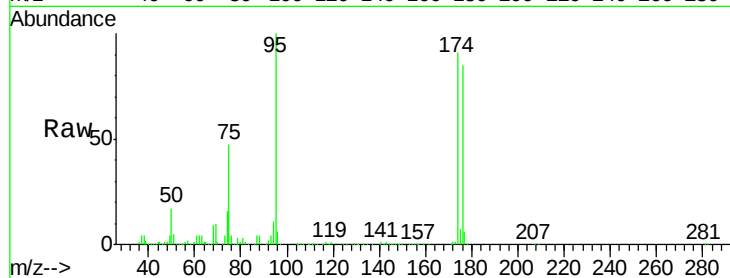
Tot Ion:173 Resp: 4550

Ion Ratio Lower Upper

173 100

175 707.0 24.5 73.5#

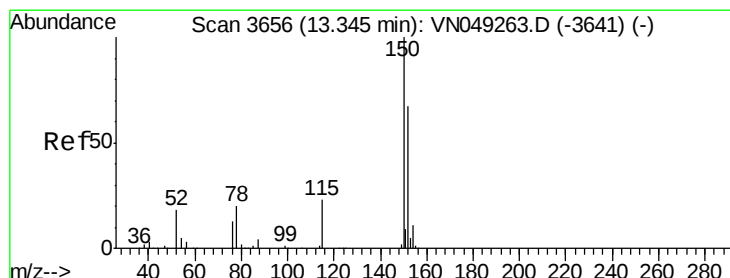
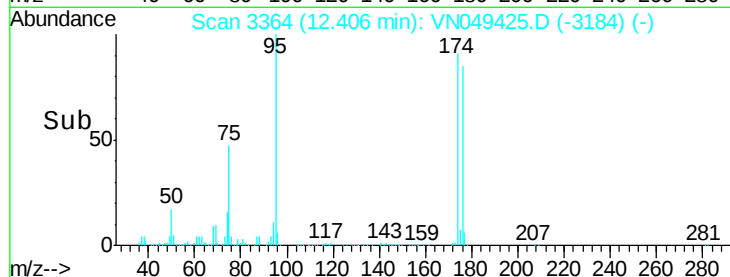
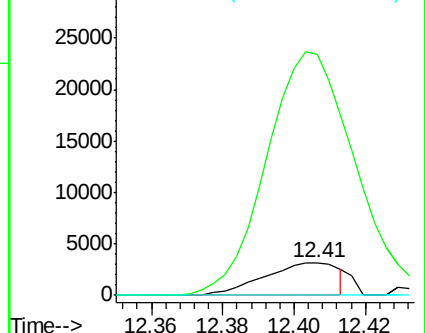
254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

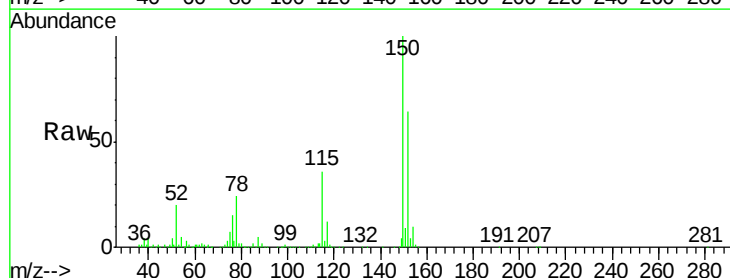
Tgt Ion:152 Resp: 405832

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

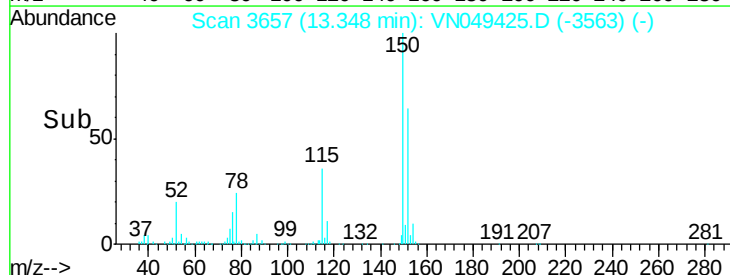
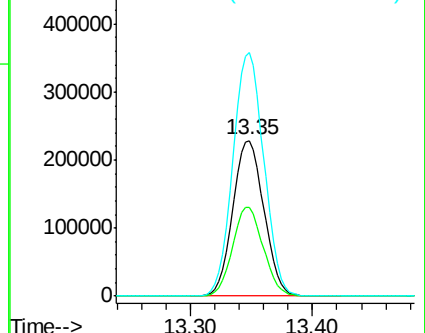
150 155.7 0.0 351.0

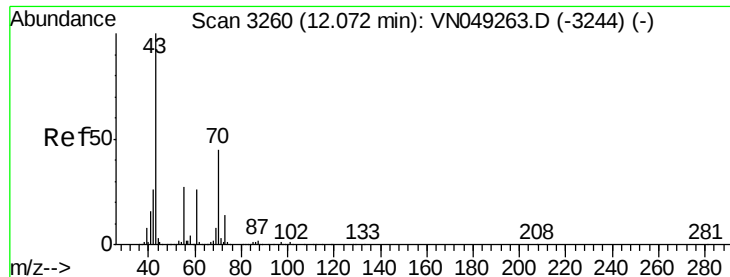


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.308 ug/l

RT: 12.05 min Scan# 3253

Delta R.T. -0.02 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2688

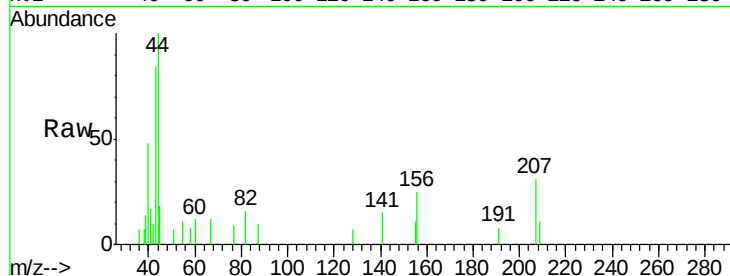
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 10.9 19.4 29.2#

61 0.0 17.8 26.6#

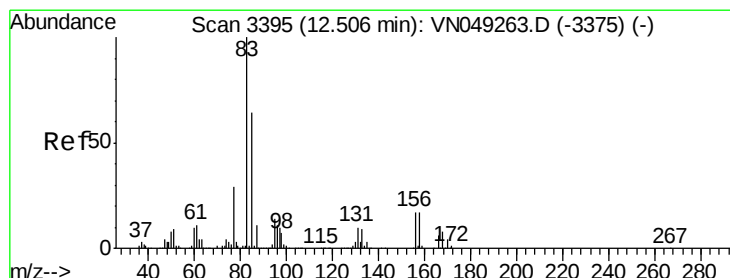
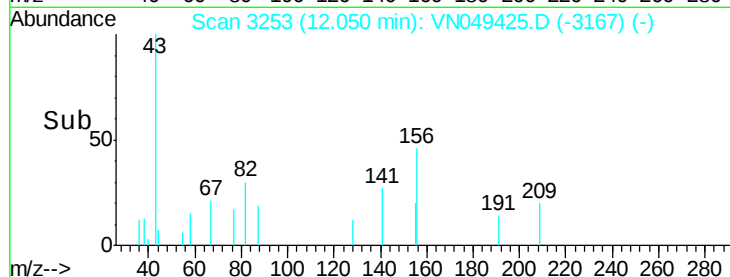
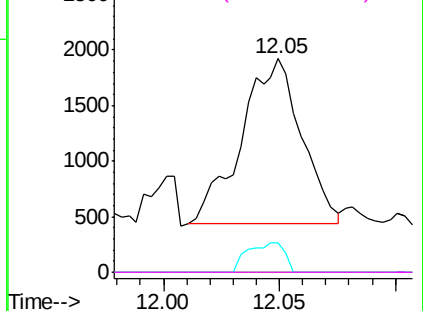


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.43 min Scan# 3370

Delta R.T. -0.08 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

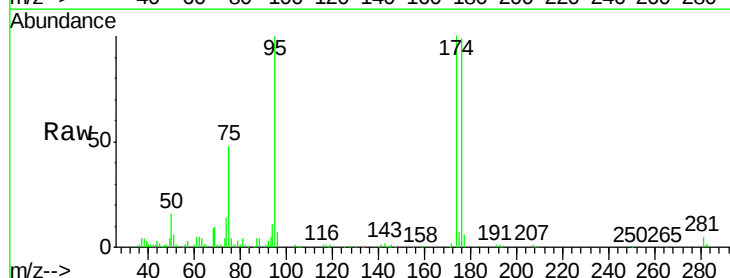
Tgt Ion: 83 Resp: 117

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

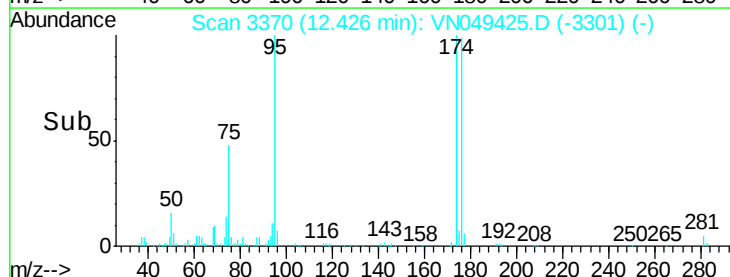
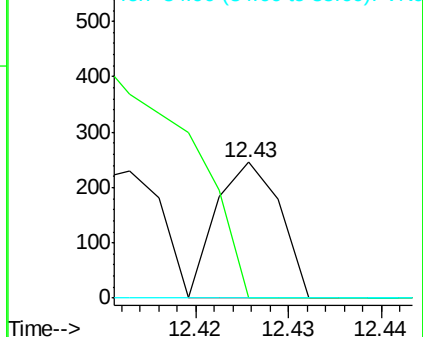
85 0.0 32.0 96.0#

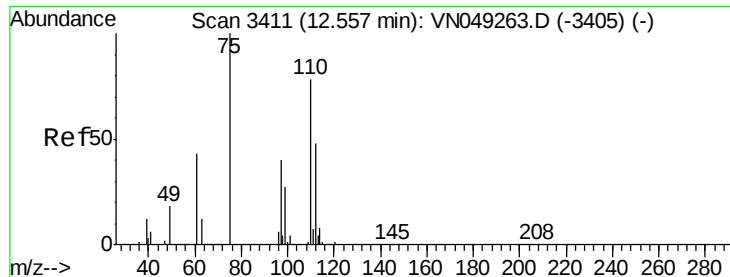


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 41.606 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

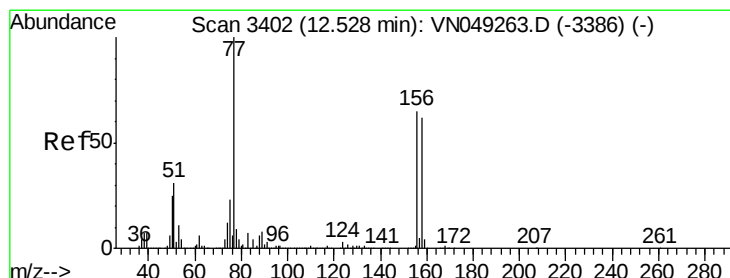
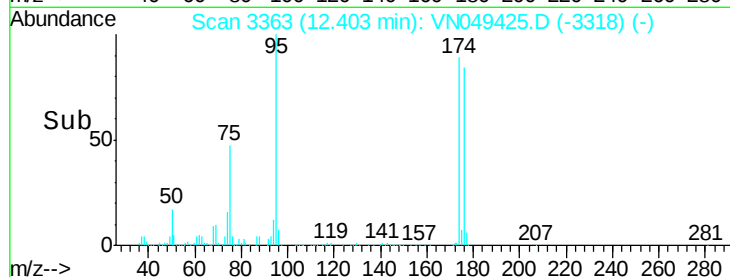
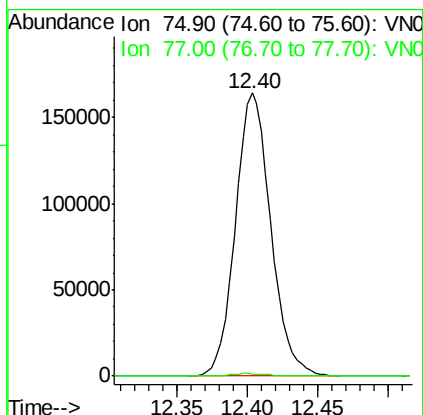
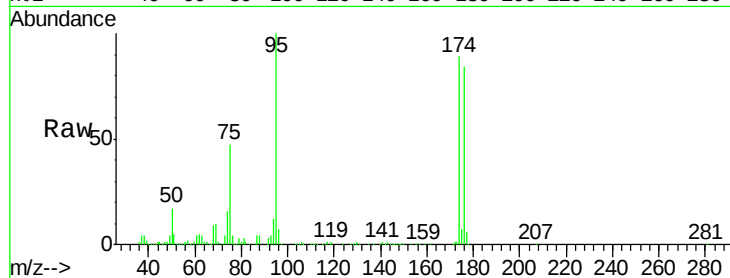
ClientSampleId :

Tot Ion: 75 Resp: 288103

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#77

Bromobenzene

Concen: 0.694 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.03 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

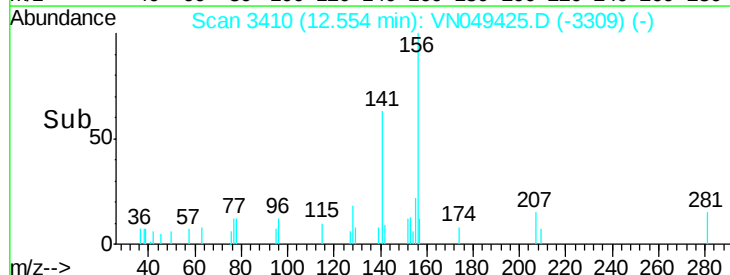
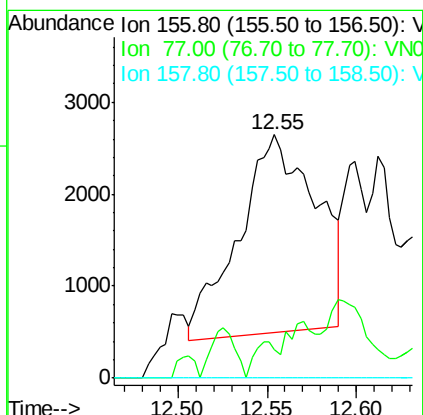
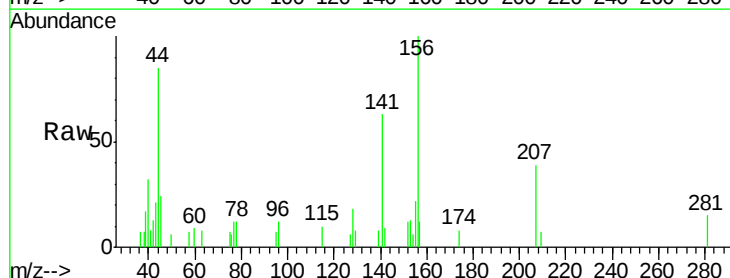
Tgt Ion: 156 Resp: 6529

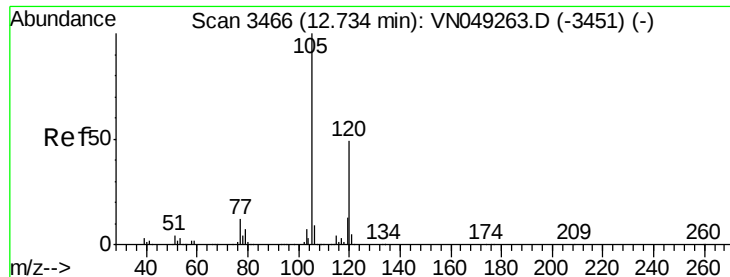
Ion Ratio Lower Upper

156 100

77 5.6 100.8 302.4#

158 0.0 49.3 147.9#





#80

1,3,5-Trimethylbenzene

Concen: 0.600 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

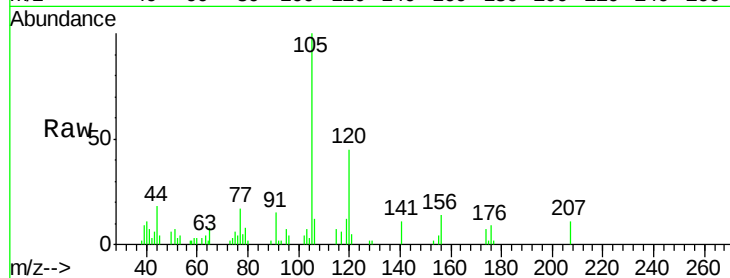
ClientSampled :

Tot Ion:105 Resp: 16809

Ion Ratio Lower Upper

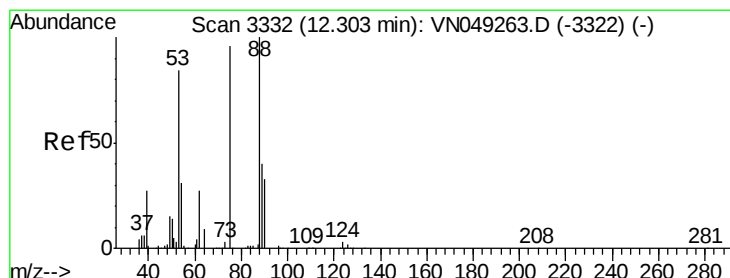
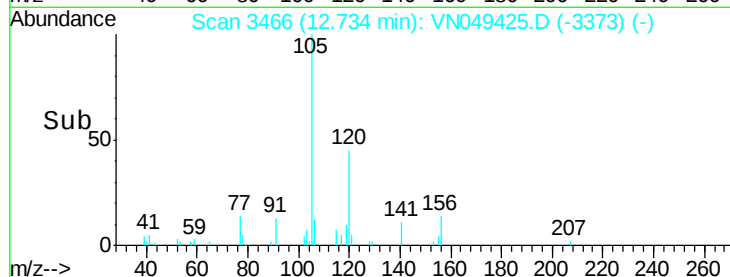
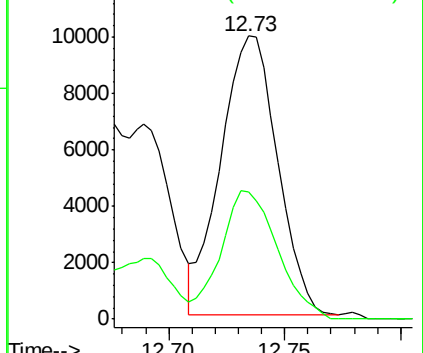
105 100

120 46.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 131.498 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

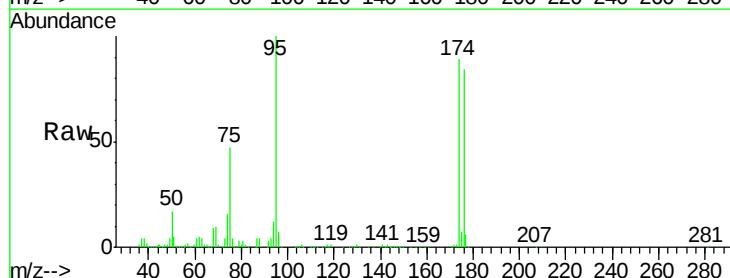
Tgt Ion: 75 Resp: 288103

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

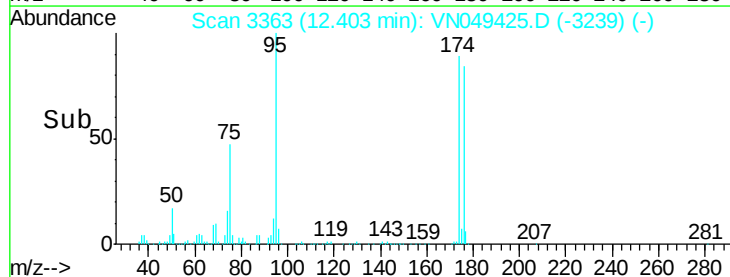
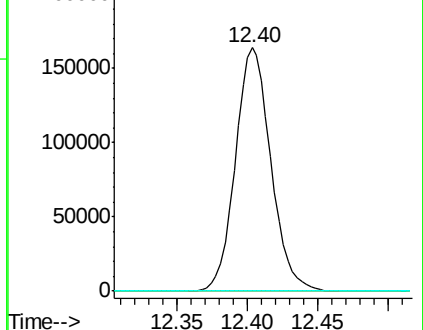
89 0.0 36.5 54.7#

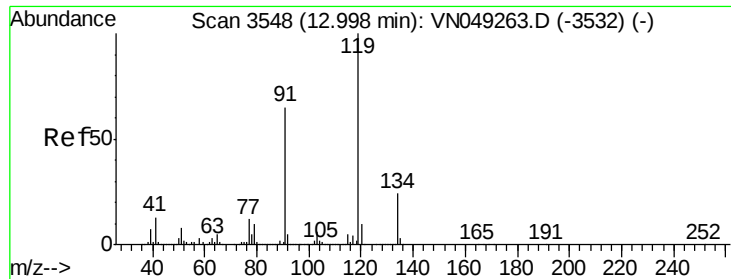


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.340 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

ClientSampled :

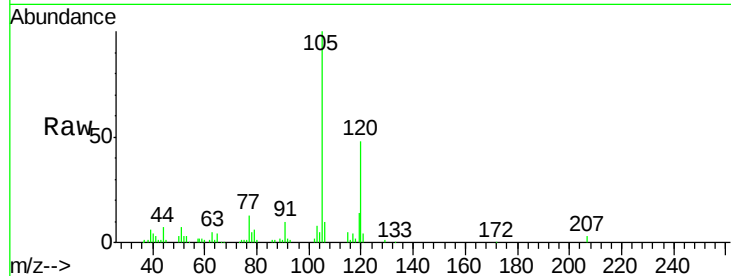
Tot Ion:119 Resp: 8442

Ion Ratio Lower Upper

119 100

91 74.7 33.7 101.0

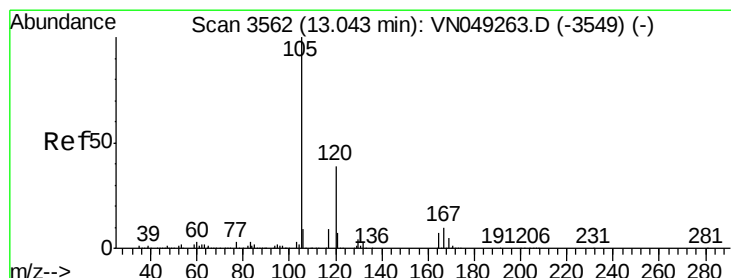
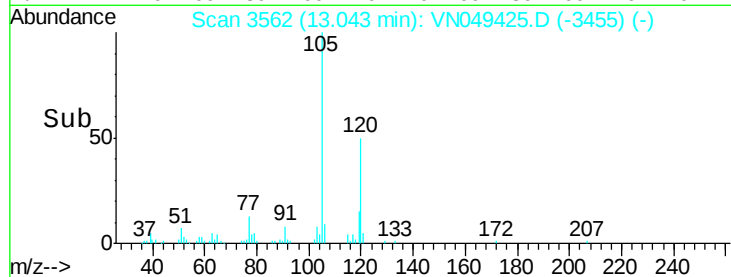
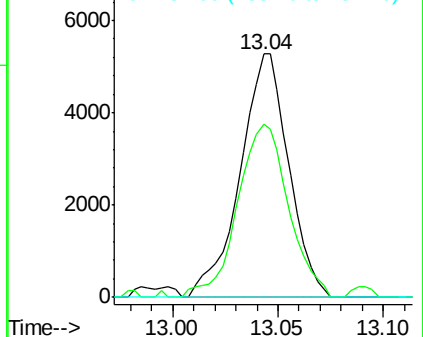
134 0.0 12.9 38.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.207 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049425.D

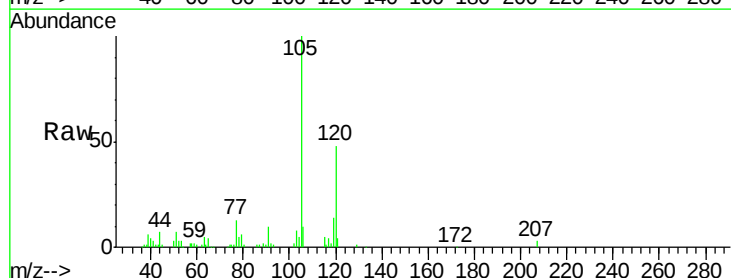
Acq: 20 Jun 2018 9:11

Tgt Ion:105 Resp: 61404

Ion Ratio Lower Upper

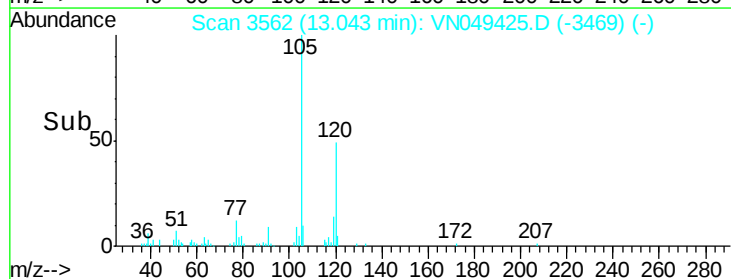
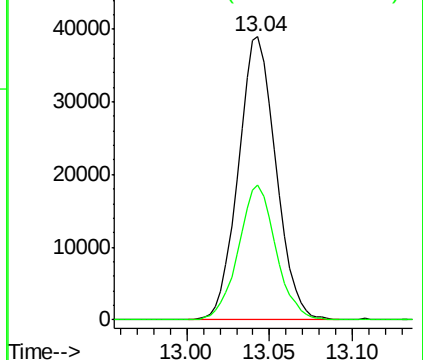
105 100

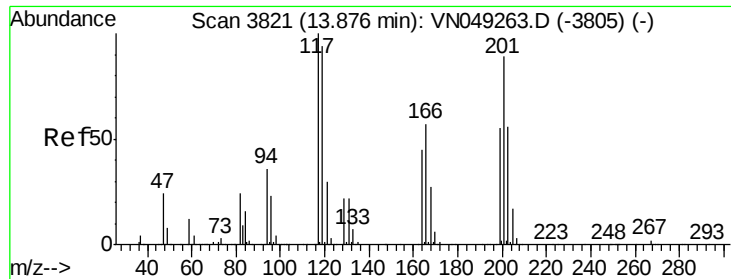
120 47.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

Instrument :

MSVOA_N

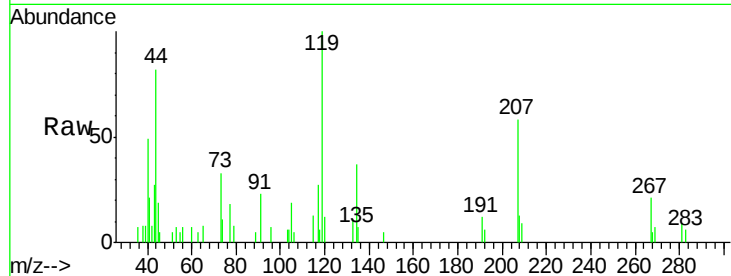
ClientSampled :

Tot Ion:117 Resp: 1008

Ion Ratio Lower Upper

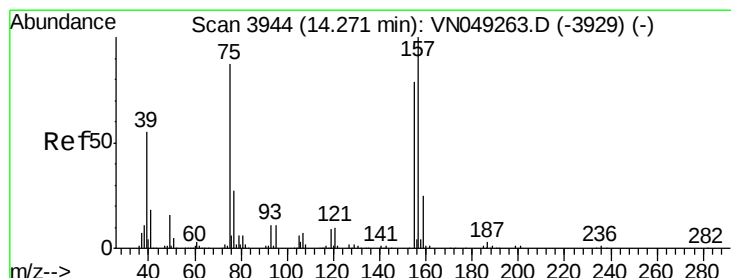
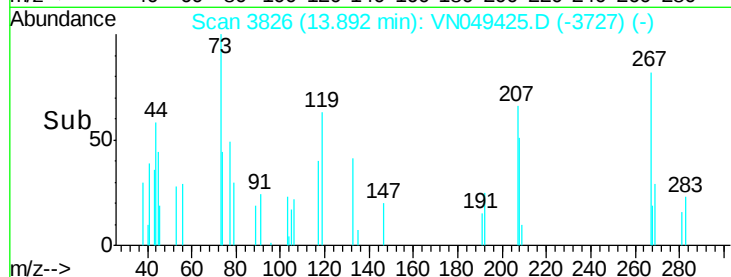
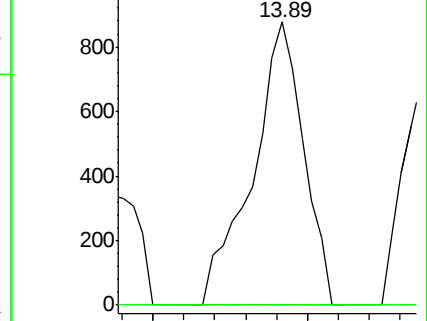
117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.325 ug/l

RT: 14.25 min Scan# 3938

Delta R.T. -0.02 min

Lab File: VN049425.D

Acq: 20 Jun 2018 9:11

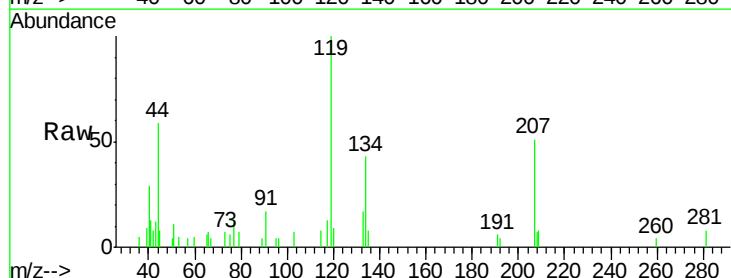
Tgt Ion: 75 Resp: 403

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

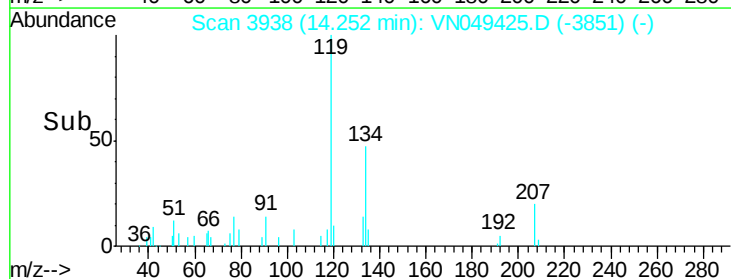
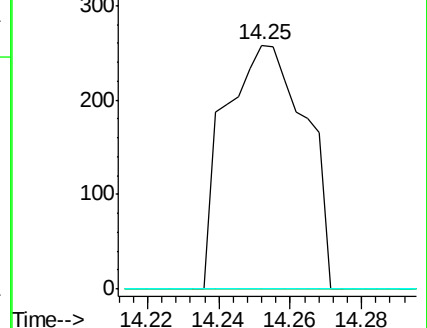
157 0.0 51.0 153.1#

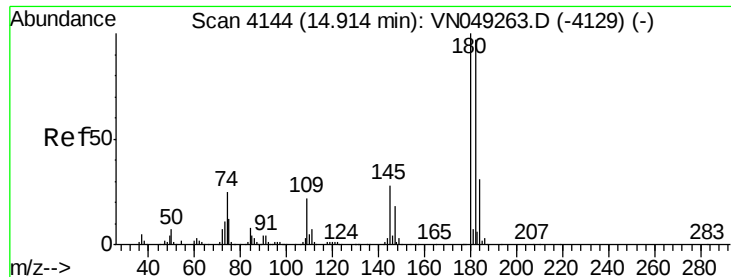


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

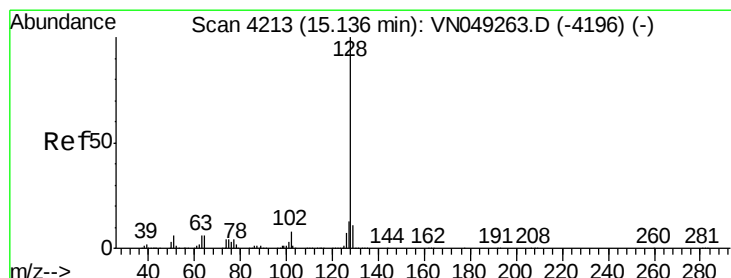
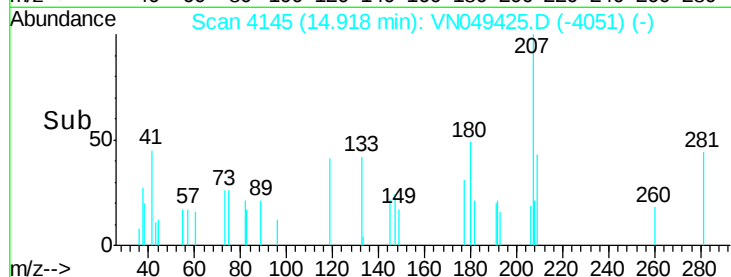
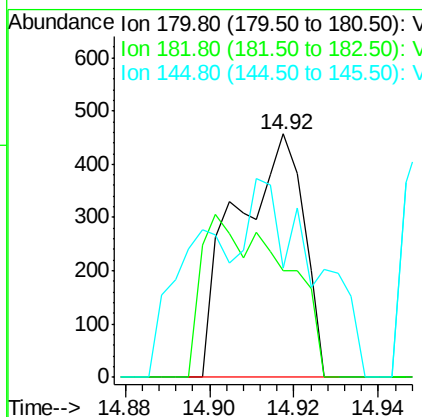




#93
 1,2,4-Trichlorobenzene
 Concen: 4.808 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: VN049425.D
 Acq: 20 Jun 2018 9:11

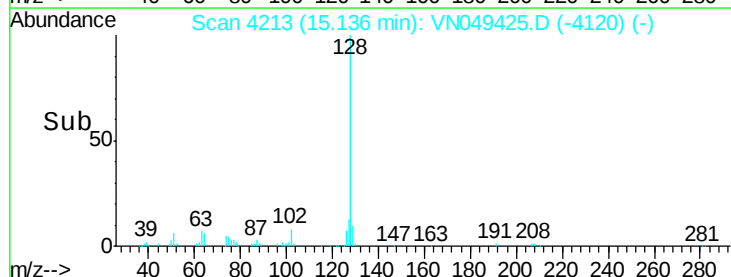
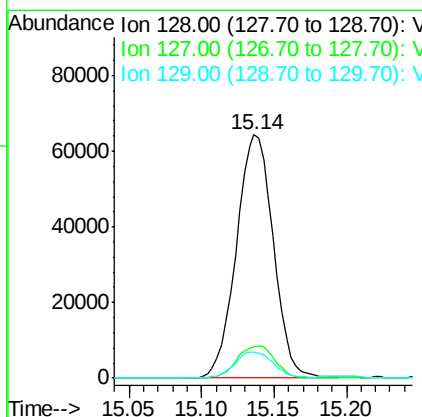
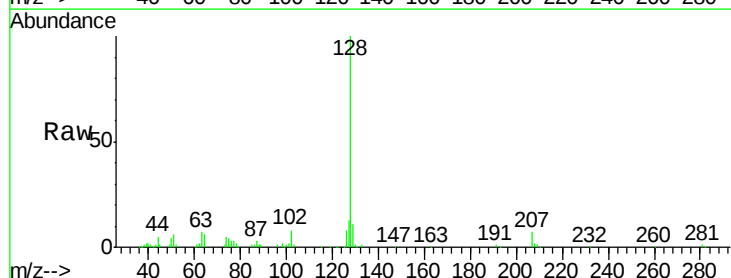
Instrument :
 MSVOA_N
 ClientSampled :

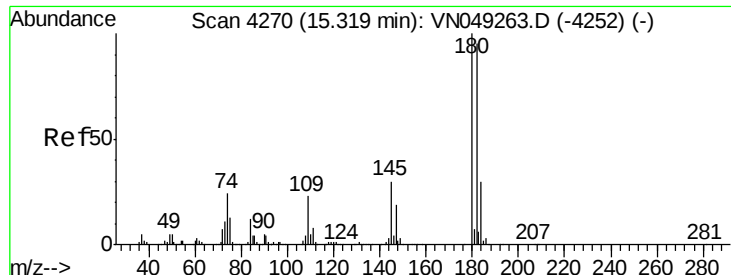
Tot Ion:180 Resp: 505
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.9 140.8#
 145 84.6 14.7 44.1#



#95
 Naphthalene
 Concen: 11.939 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049425.D
 Acq: 20 Jun 2018 9:11

Tgt Ion:128 Resp: 114090
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.6 16.0
 129 11.3 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 3.469 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.00 min
 Lab File: VN049425.D
 Acq: 20 Jun 2018 9:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	352.4	47.3	141.8#
145	332.9	15.6	46.7#

