

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049727.D
 Acq On : 5 Jul 2018 21:18
 Operator : MD\SY
 Sample : J3868-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 06 02:14:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1189074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1981837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1639221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	657295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	839759	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	7.59	113	703222	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	10.09	98	2639466	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.40	95	764403	38.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.22%	

Target Compounds

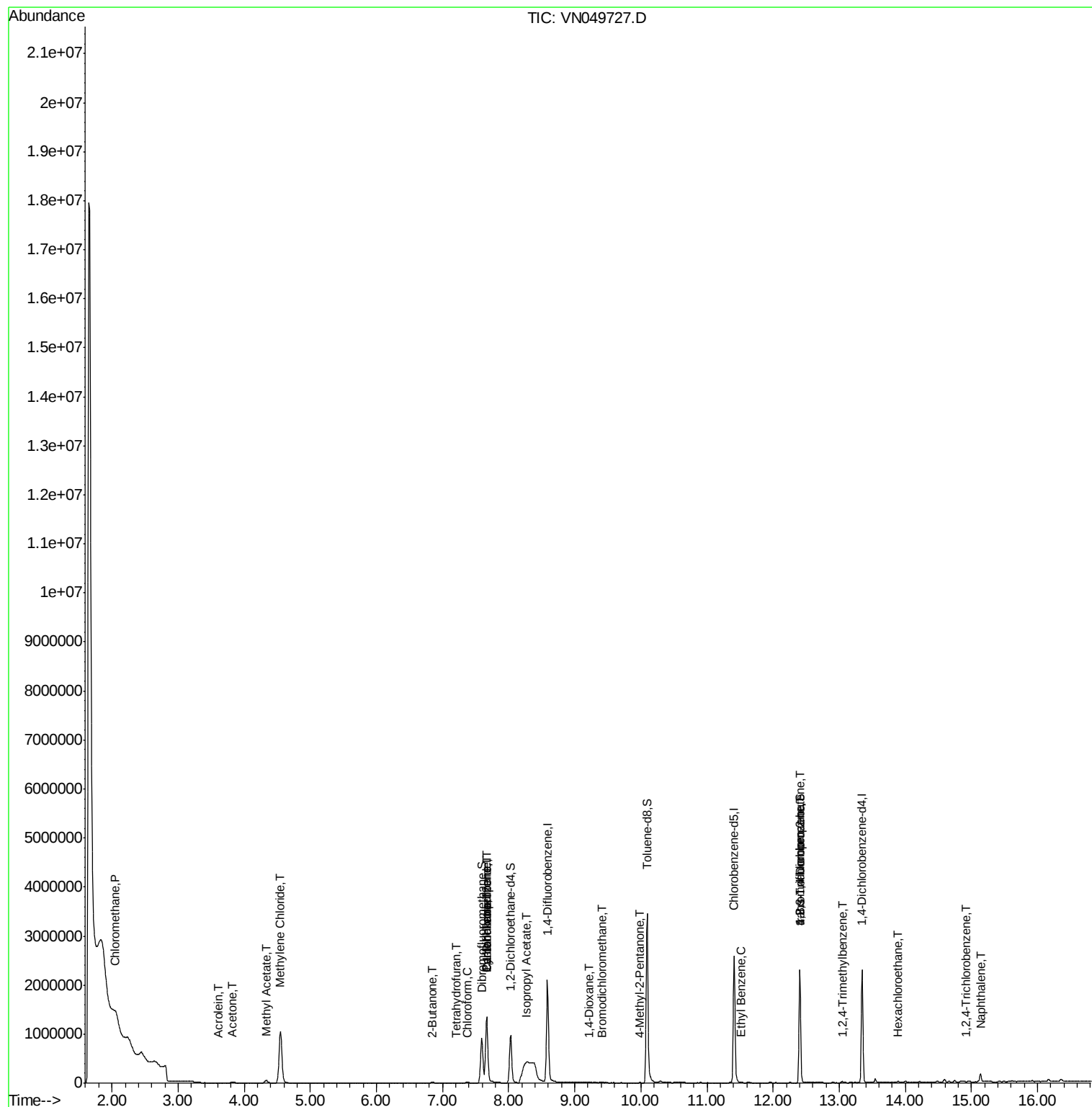
						Qvalue
3) Chloromethane	2.05	50	5444	0.33	ug/l	92
13) Acrolein	3.61	56	1017	1.21	ug/l #	65
16) Acetone	3.82	43	36132	3.58	ug/l	98
17) Carbon Disulfide	4.05	76	3272	Below Cal	#	75
18) Methyl Acetate	4.33	43	94086	1.48	ug/l	97
20) Methylene Chloride	4.55	84	811567	50.19	ug/l	99
25) 2-Butanone	6.85	43	6312	1.21	ug/l	95
29) Tetrahydrofuran	7.20	42	840	0.25	ug/l #	62
30) Chloroform	7.37	83	20700	0.74	ug/l	92
31) Cyclohexane	7.67	56	22058	0.20	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	82054	3.68	ug/l #	49
38) Carbon Tetrachloride	7.67	117	103757	4.78	ug/l #	17
43) Isopropyl Acetate	8.27	43	658143	25.20	ug/l #	62
47) Bromodichloromethane	9.40	83	7733	0.34	ug/l	98
49) 1,4-Dioxane	9.22	88	102	0.66	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3114	0.24	ug/l #	70
67) Ethyl Benzene	11.51	91	14808	0.21	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.54	83	29	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	380123	36.06	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	380123	122.47	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	16737	0.37	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	72	Below Cal	#	25
88) 1,4-Dichlorobenzene	13.35	146	611	Below Cal	#	1
90) Hexachloroethane	13.89	117	1917	0.43	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	294	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	64	2.41	ug/l #	1
95) Naphthalene	15.14	128	146521	9.09	ug/l	99

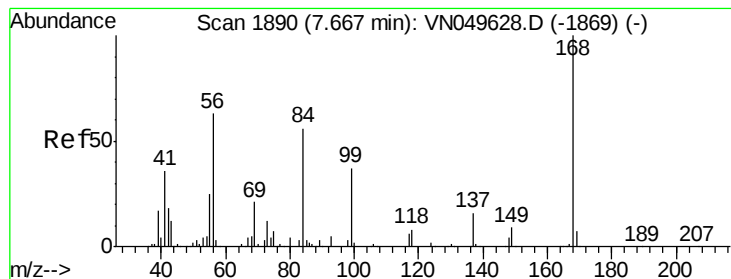
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

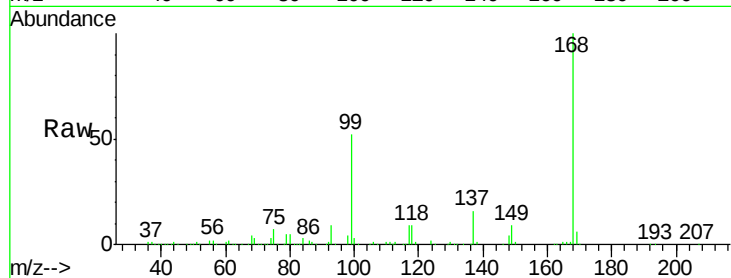
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1189074

Ion Ratio Lower Upper

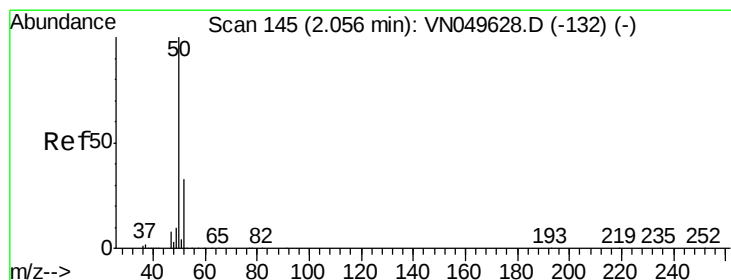
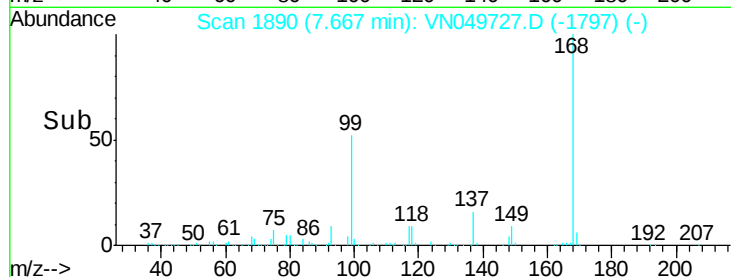
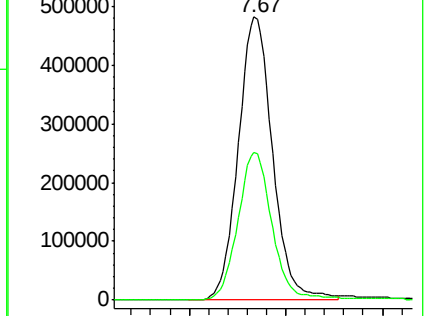
168 100

99 52.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.33 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN049727.D

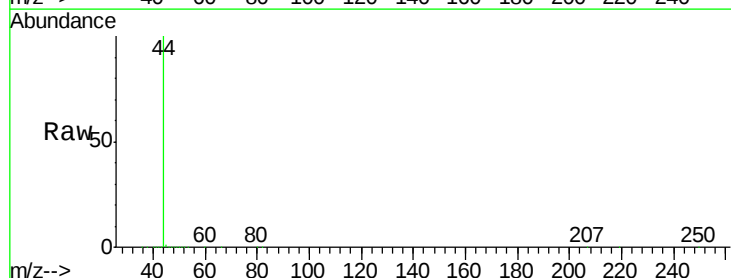
Acq: 5 Jul 2018 21:18

Tgt Ion: 50 Resp: 5444

Ion Ratio Lower Upper

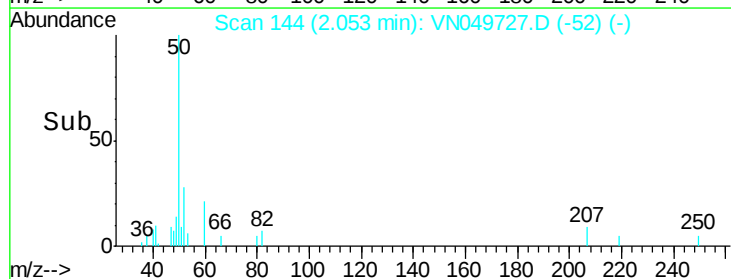
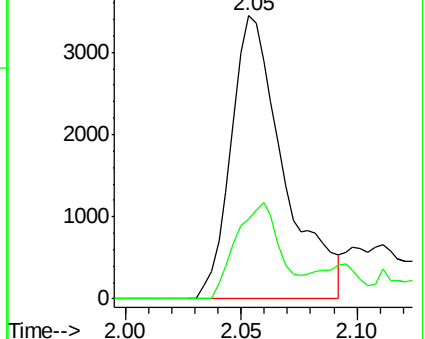
50 100

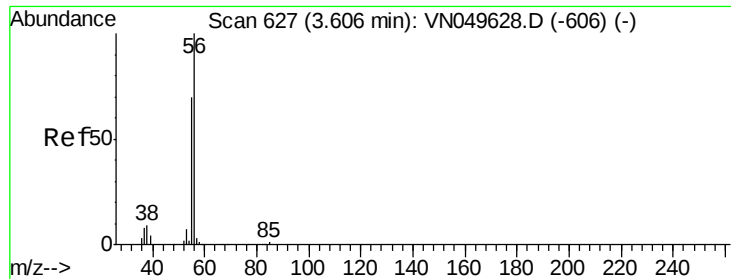
52 28.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#13

Acrolein

Concen: 1.21 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_N

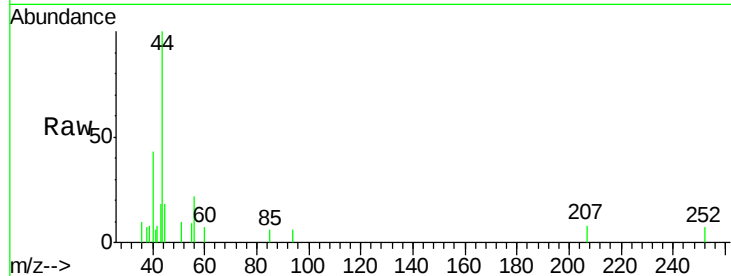
ClientSampled :

Tot Ion: 56 Resp: 1017

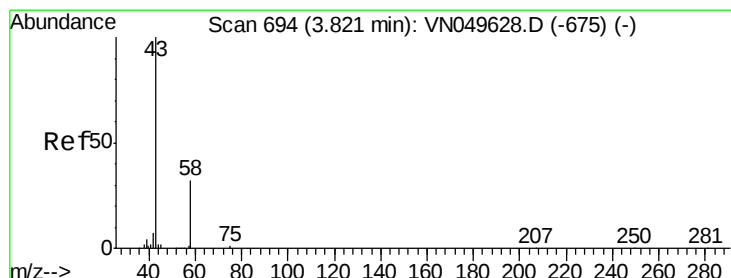
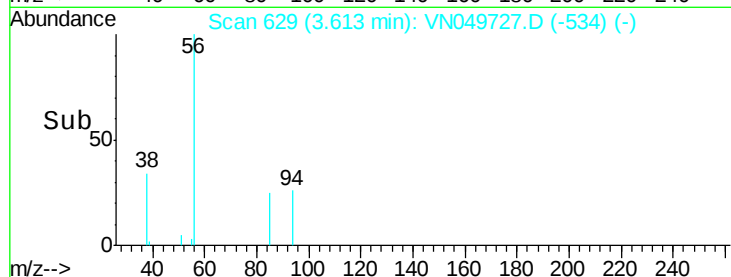
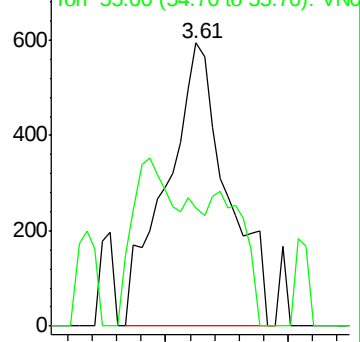
Ion Ratio Lower Upper

56 100

55 41.4 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049727.D (-606) (-)



#16

Acetone

Concen: 3.58 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049727.D

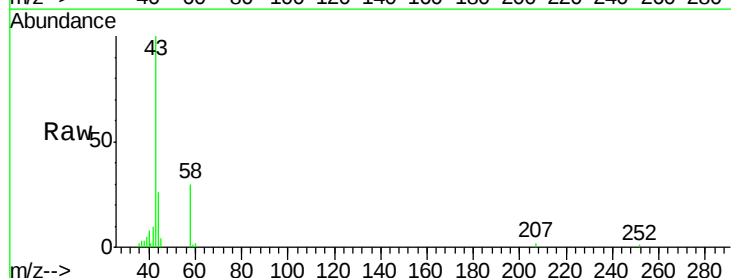
Acq: 5 Jul 2018 21:18

Tgt Ion: 43 Resp: 36132

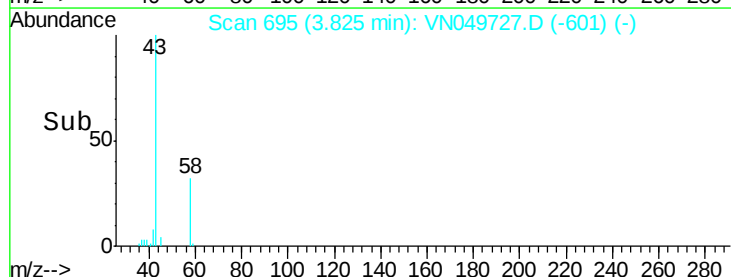
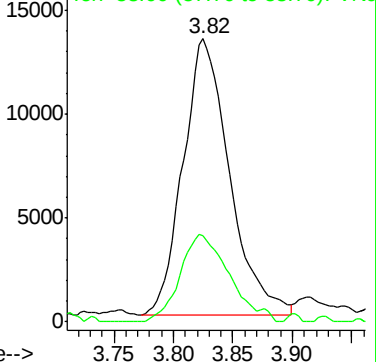
Ion Ratio Lower Upper

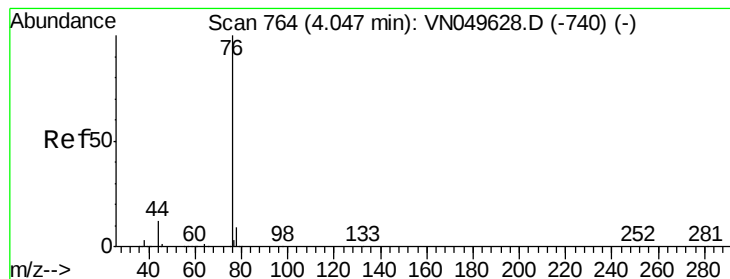
43 100

58 31.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049727.D (-601) (-)





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_N

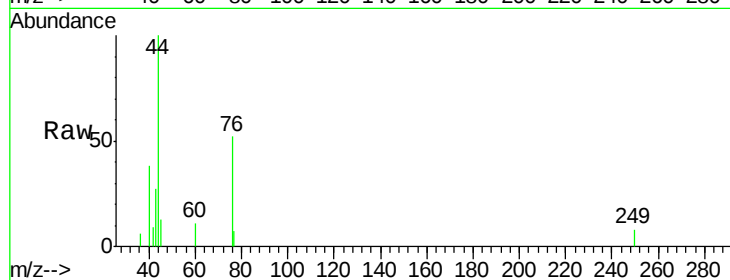
ClientSampled :

Tot Ion: 76 Resp: 3272

Ion Ratio Lower Upper

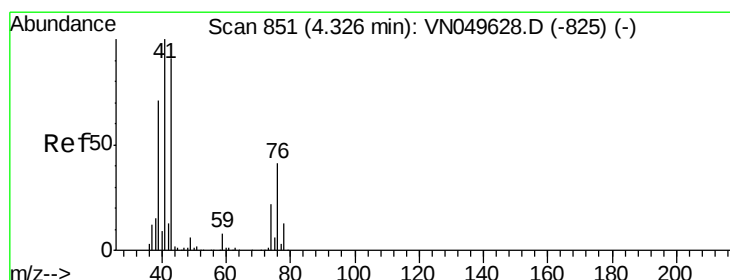
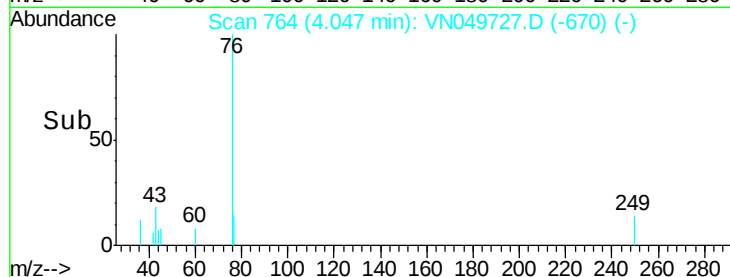
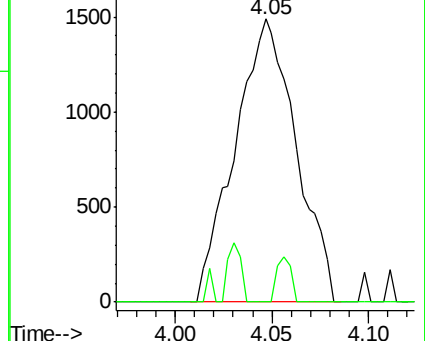
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.48 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049727.D

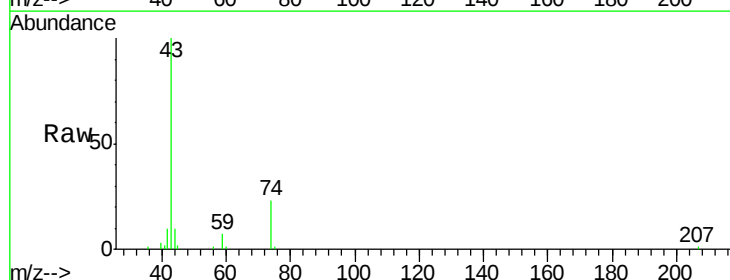
Acq: 5 Jul 2018 21:18

Tgt Ion: 43 Resp: 94086

Ion Ratio Lower Upper

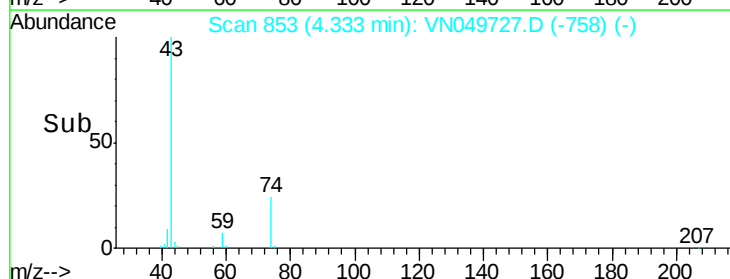
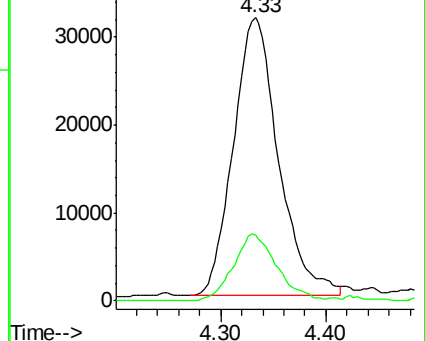
43 100

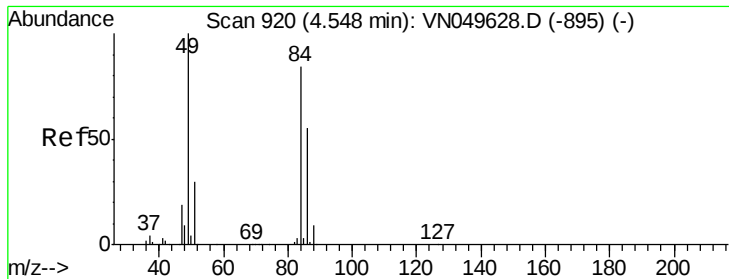
74 23.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

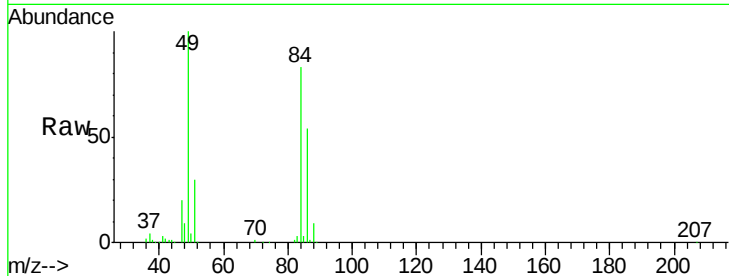




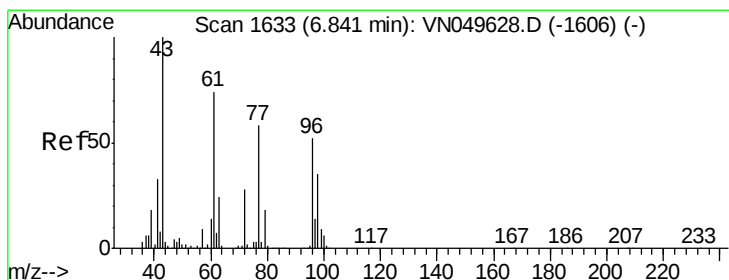
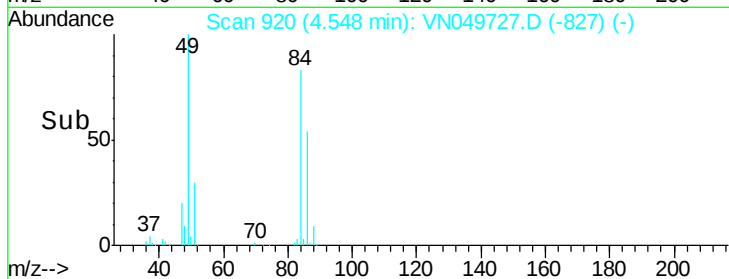
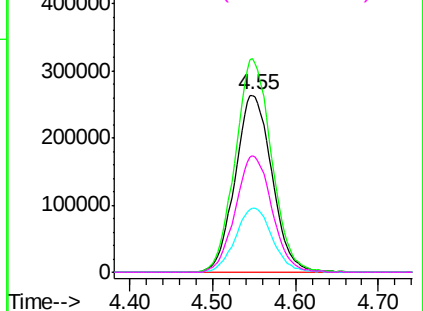
#20
Methvlene Chloride
Concen: 50.19 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	84	Resp:	811567
Ion	Ratio	Lower	Upper
84	100		
49	120.5	95.4	143.2
51	36.4	28.4	42.6
86	65.6	52.6	79.0

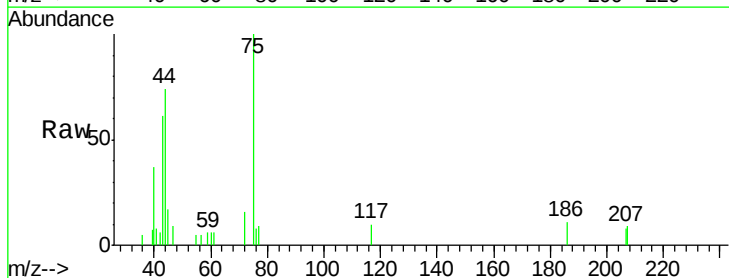


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

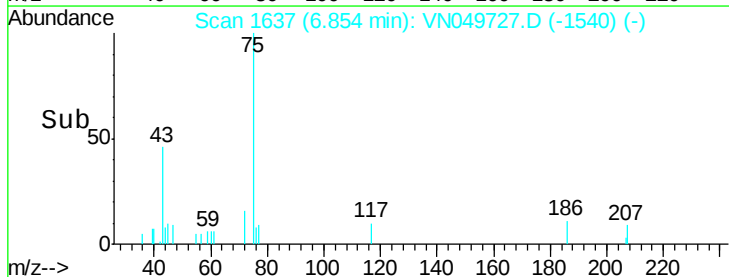
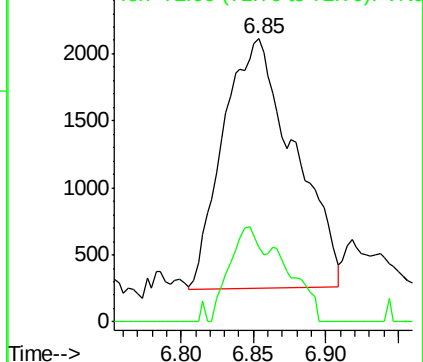


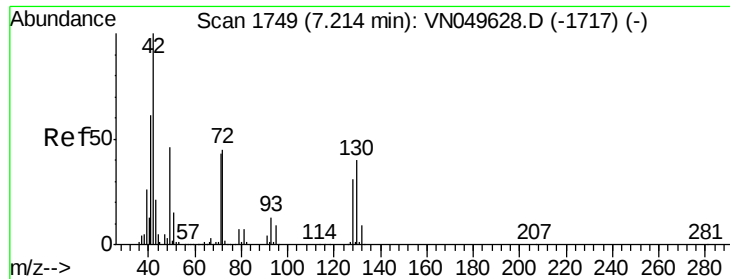
#25
2-Butanone
Concen: 1.21 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

Tgt Ion:	43	Resp:	6312
Ion	Ratio	Lower	Upper
43	100		
72	30.4	22.1	33.1



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

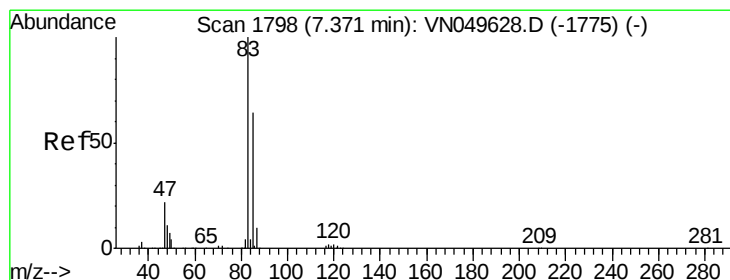
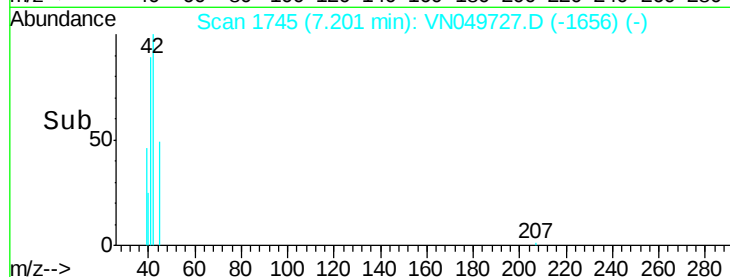
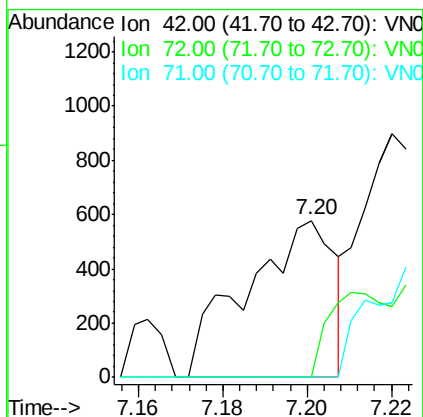
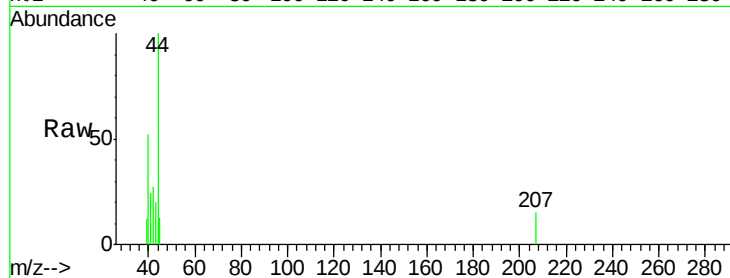




#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 7.20 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

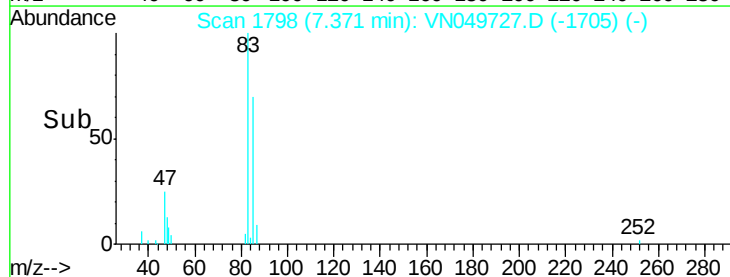
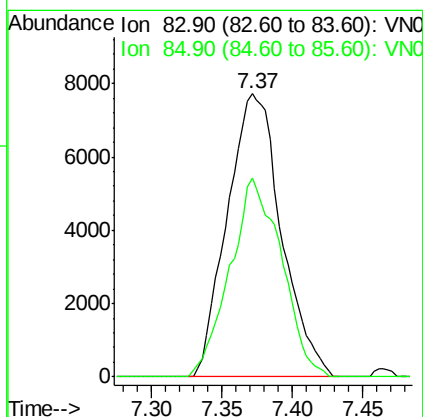
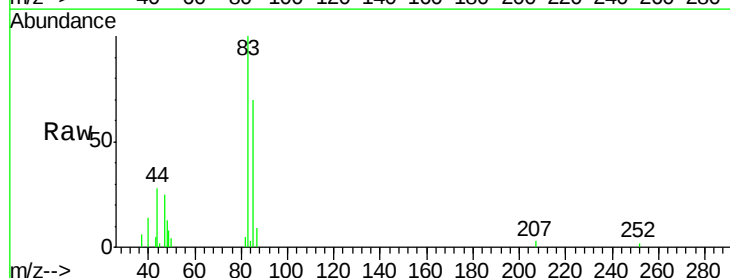
Instrument :
MSVOA_N
ClientSampled :

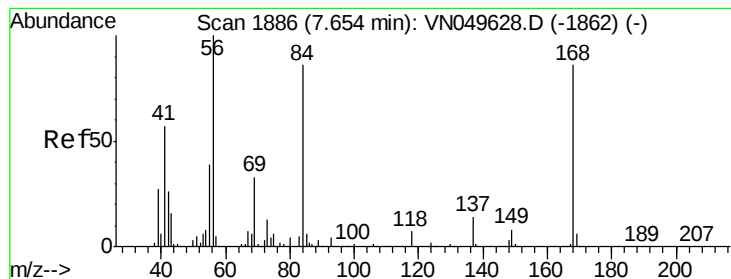
Tot Ion: 42 Resp: 840
Ion Ratio Lower Upper
42 100
72 37.5 35.6 53.4
71 0.0 34.0 51.0#



#30
Chloroform
Concen: 0.74 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

Tgt Ion: 83 Resp: 20700
Ion Ratio Lower Upper
83 100
85 70.2 51.4 77.2





#31

Cyclohexane

Concen: 0.20 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_N

ClientSampled :

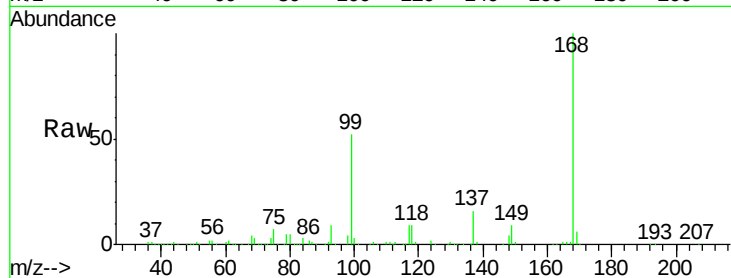
Tot Ion: 56 Resp: 22058

Ion Ratio Lower Upper

56 100

69 184.3 26.6 40.0#

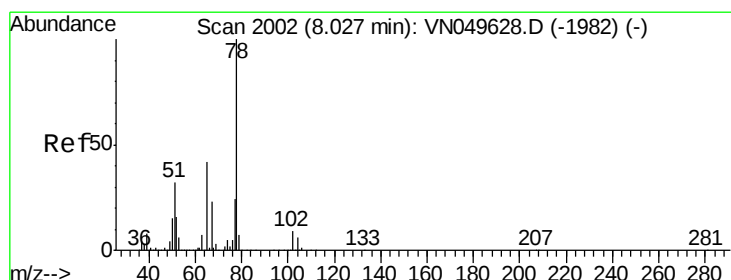
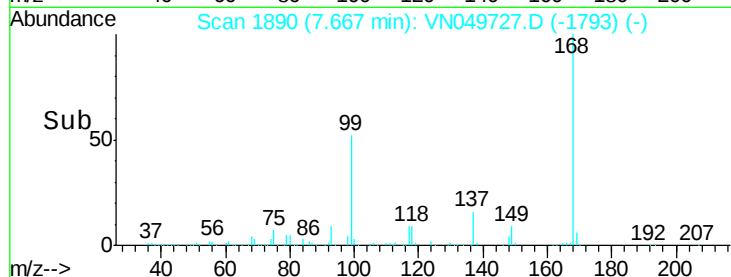
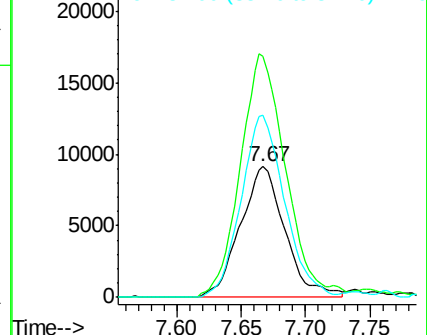
84 139.8 69.0 103.6#



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



#33

1,2-Dichloroethane-d4

Concen: 53.48 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049727.D

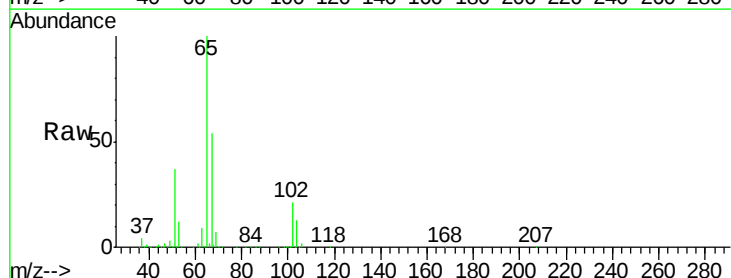
Acq: 5 Jul 2018 21:18

Tgt Ion: 65 Resp: 839759

Ion Ratio Lower Upper

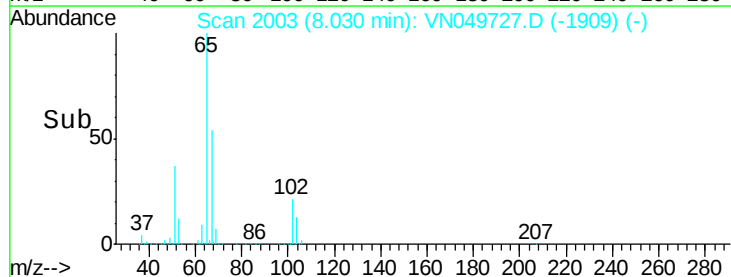
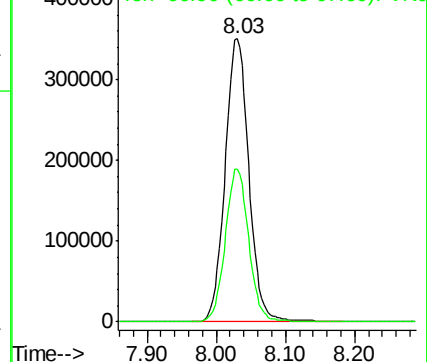
65 100

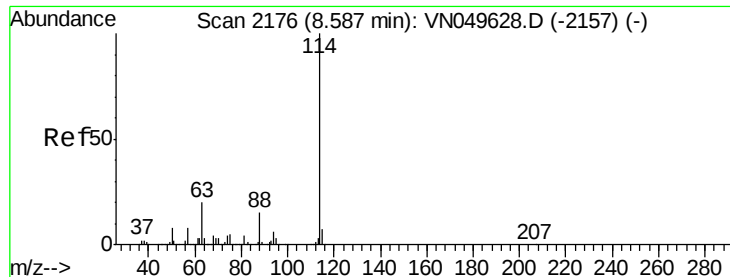
67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



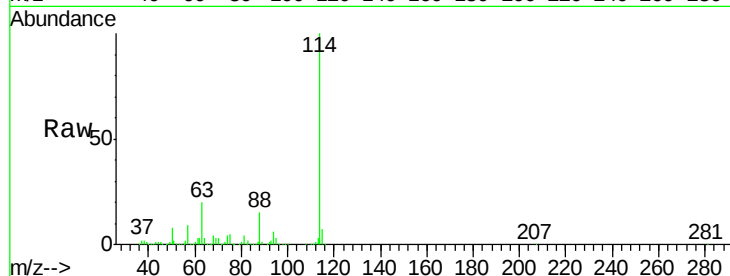


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049727.D
 Acq: 5 Jul 2018 21:18

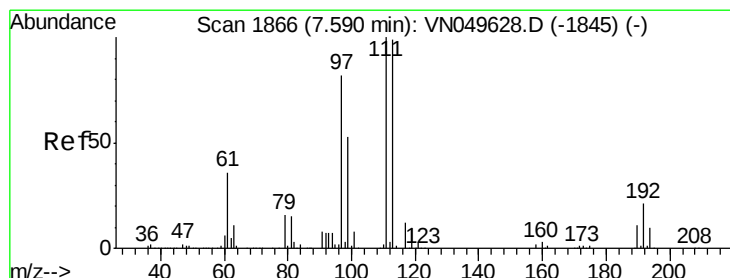
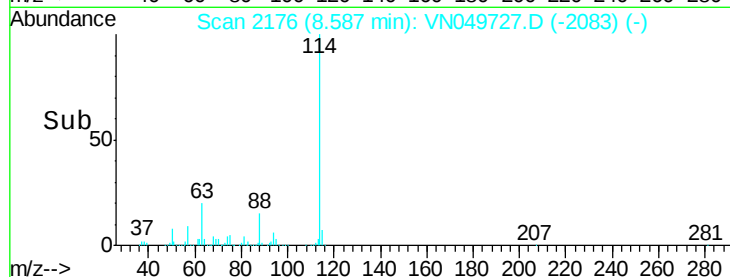
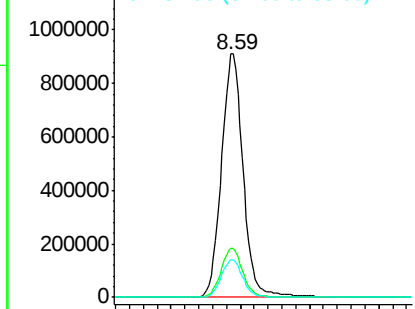
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1981837

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.3	0.0	30.6



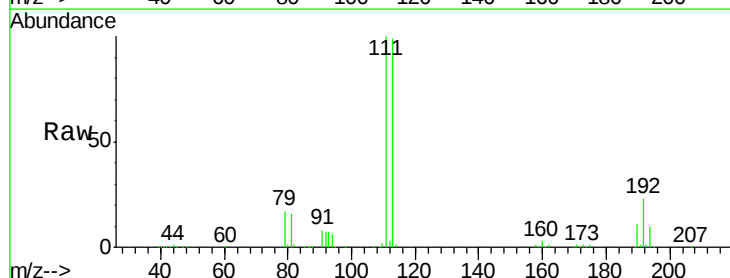
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



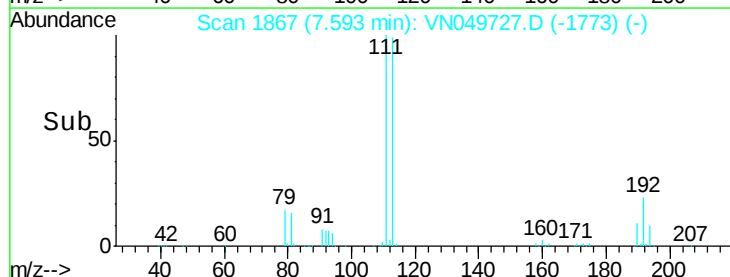
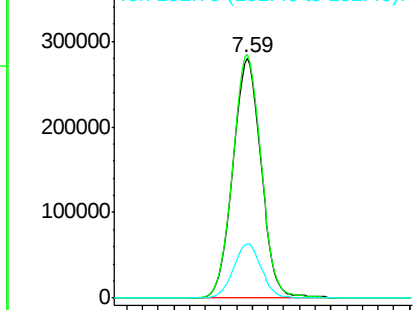
#35
 Dibromofluoromethane
 Concen: 47.46 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049727.D
 Acq: 5 Jul 2018 21:18

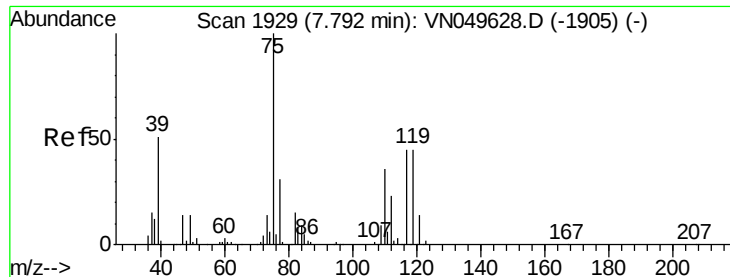
Tgt Ion:113 Resp: 703222

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	22.5	17.8	26.6



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: 3.68 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

Instrument :
MSVOA_N
ClientSampled :

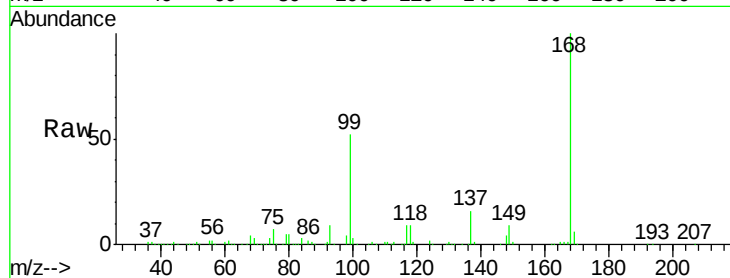
Tot Ion: 75 Resp: 82054

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

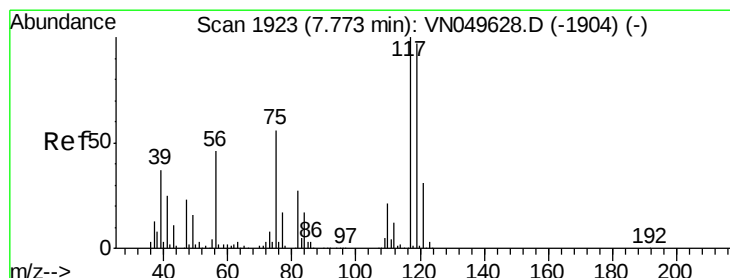
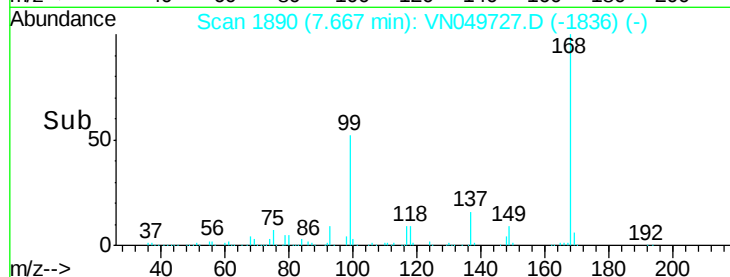
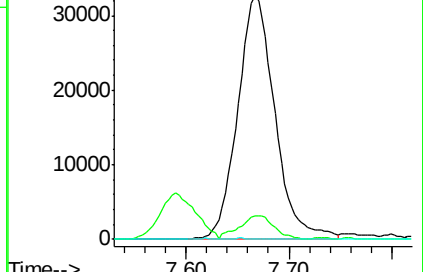
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN049727.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049727.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049727.D (-1836) (-)



#38

Carbon Tetrachloride

Concen: 4.78 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.10 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

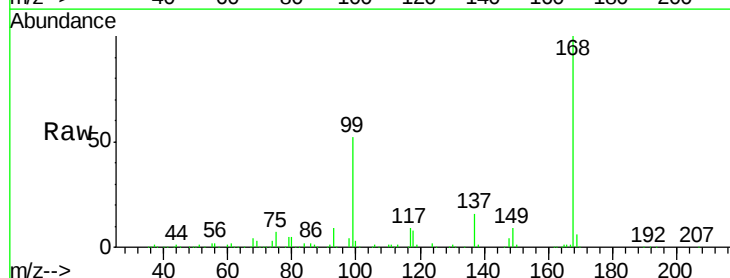
Tgt Ion: 117 Resp: 103757

Ion Ratio Lower Upper

117 100

119 6.9 77.2 115.8#

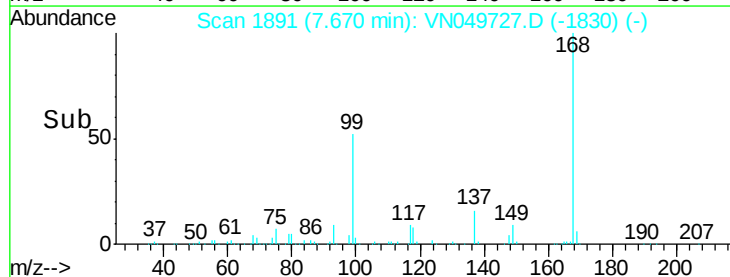
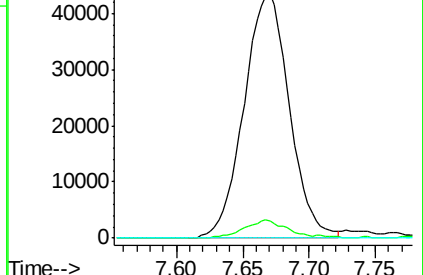
121 0.0 25.0 37.6#

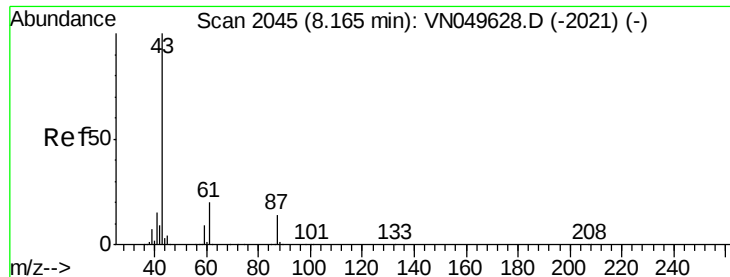


Abundance Ion 116.80 (116.50 to 117.50): VN049727.D (-1830) (-)

Ion 118.80 (118.50 to 119.50): VN049727.D (-1830) (-)

Ion 120.80 (120.50 to 121.50): VN049727.D (-1830) (-)



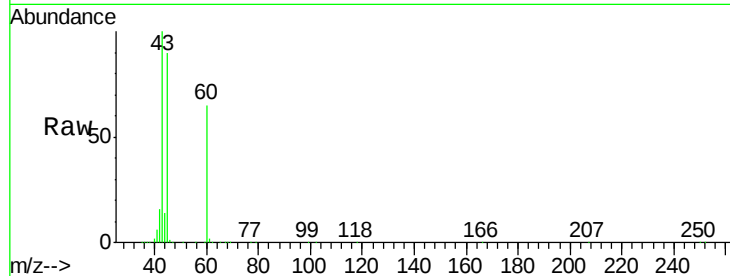


#43

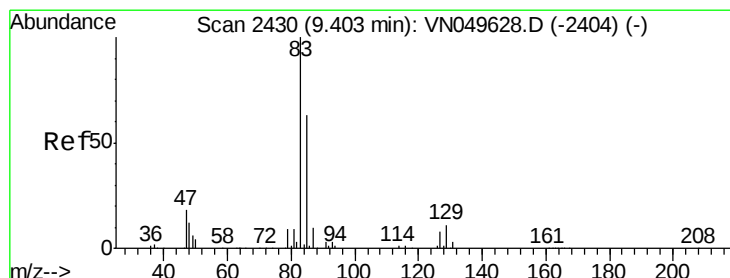
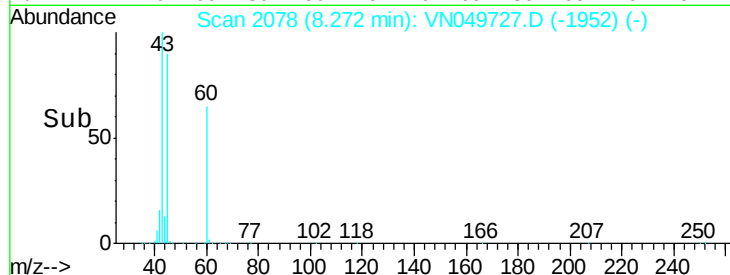
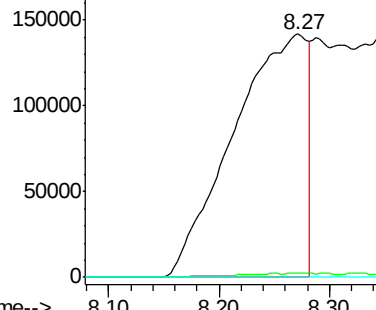
Isopropyl Acetate
 Concen: 25.20 ug/l
 RT: 8.27 min Scan# 2078
 Delta R.T. 0.11 min
 Lab File: VN049727.D
 Acq: 5 Jul 2018 21:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 658143
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.9 22.3#
 87 0.0 10.0 15.0#



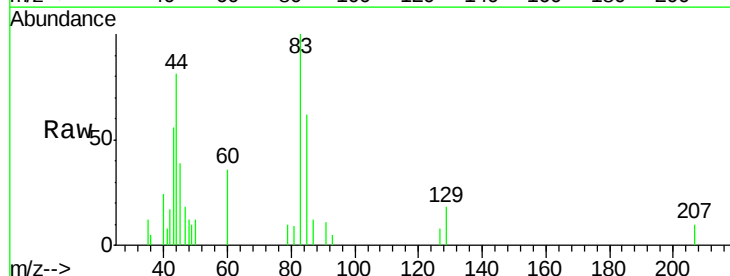
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



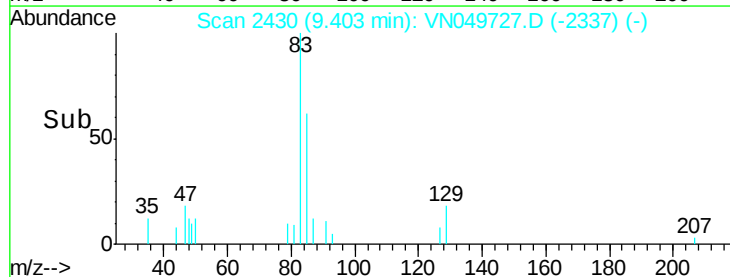
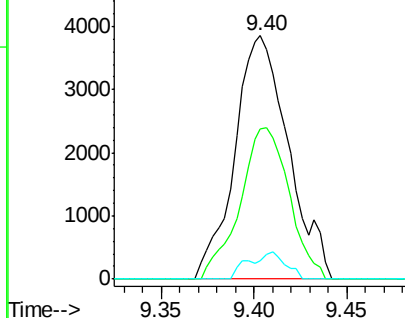
#47

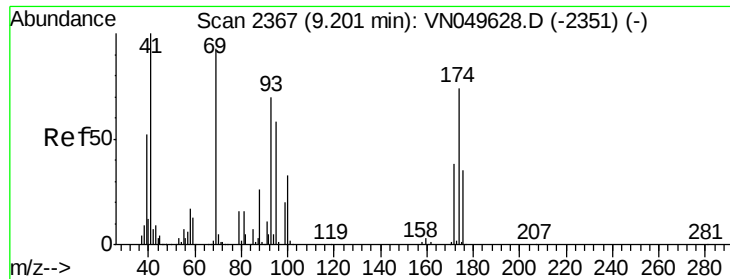
Bromodichloromethane
 Concen: 0.34 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VN049727.D
 Acq: 5 Jul 2018 21:18

Tgt Ion: 83 Resp: 7733
 Ion Ratio Lower Upper
 83 100
 85 61.6 50.5 75.7
 127 7.8 6.8 10.2



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

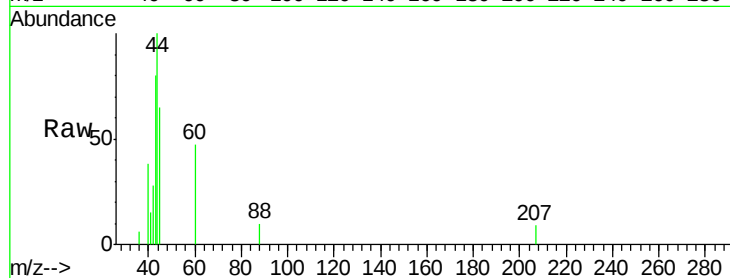




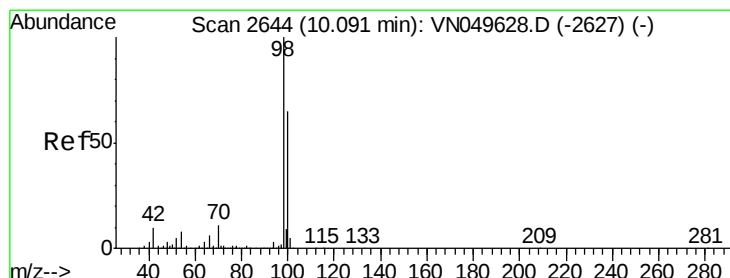
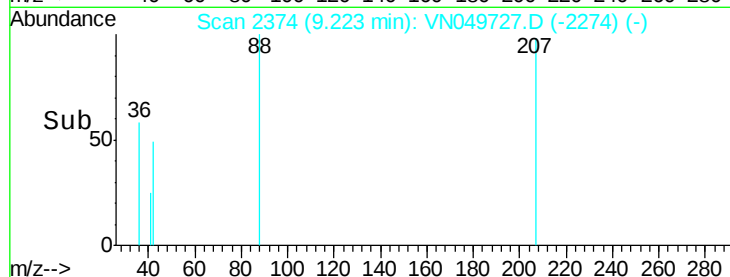
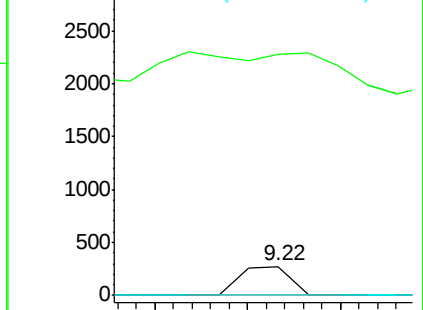
#49
1,4-Dioxane
Concen: 0.66 ug/l
RT: 9.22 min Scan# 2374
Delta R.T. 0.02 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
43 165.7 25.1 37.7#
58 0.0 52.5 78.7#

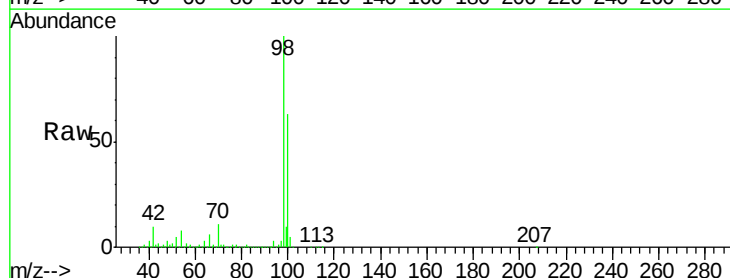


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

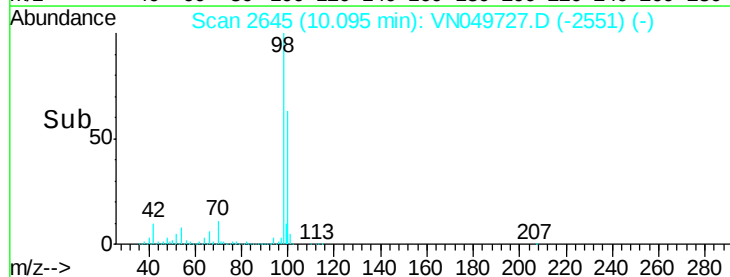
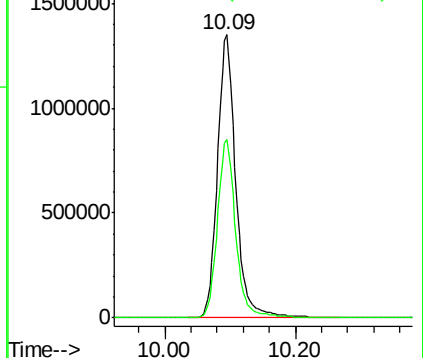


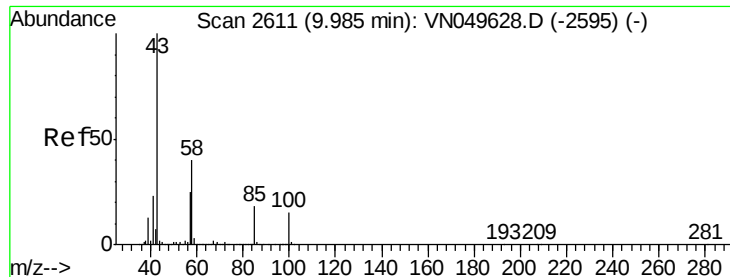
#50
Toluene-d8
Concen: 45.51 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

Tgt Ion: 98 Resp: 2639466
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



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

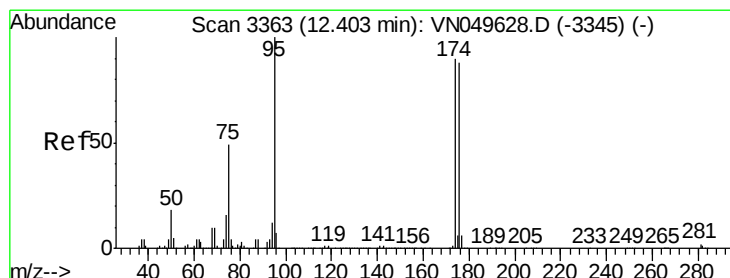
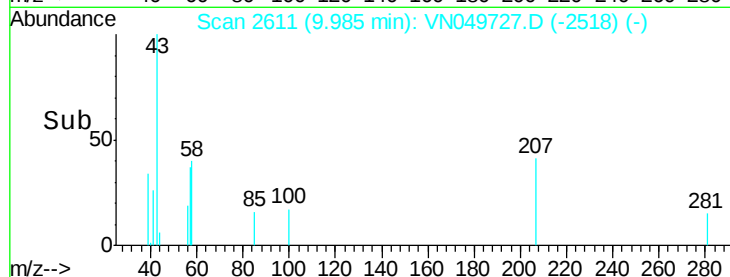
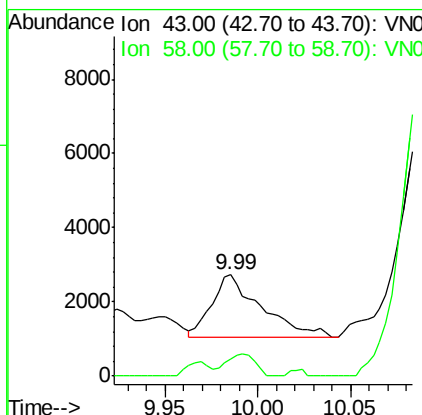
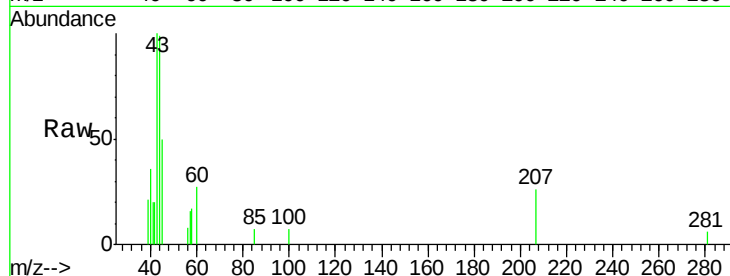




#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

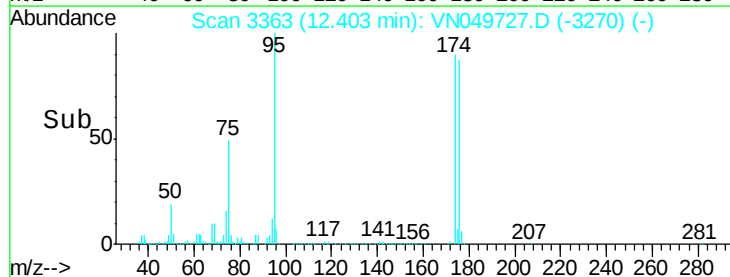
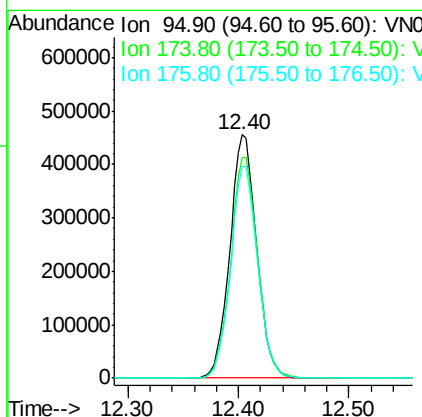
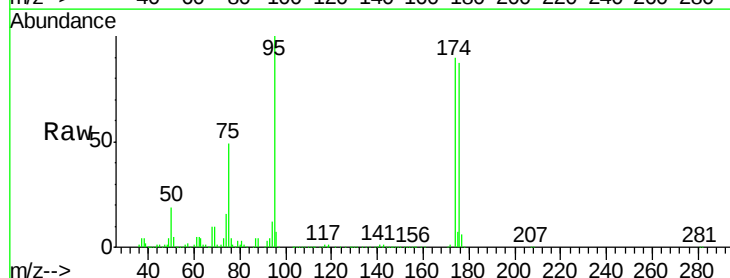
Instrument :
MSVOA_N
ClientSampleId :

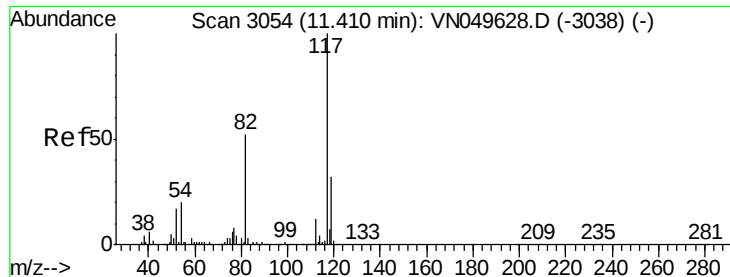
Tot Ion: 43 Resp: 3114
Ion Ratio Lower Upper
43 100
58 21.1 31.8 47.8#



#62
4-Bromofluorobenzene
Concen: 38.61 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

Tgt Ion: 95 Resp: 764403
Ion Ratio Lower Upper
95 100
174 91.8 0.0 179.6
176 87.5 0.0 174.0

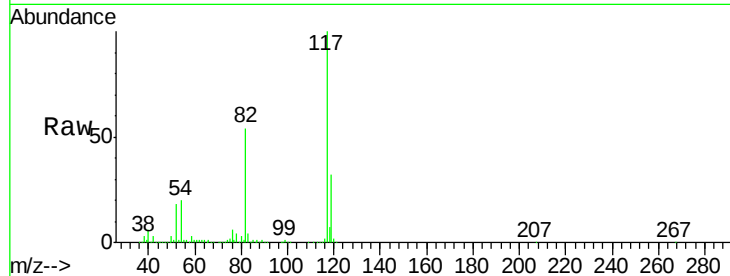




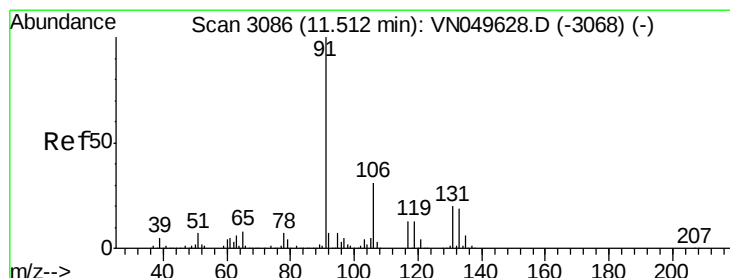
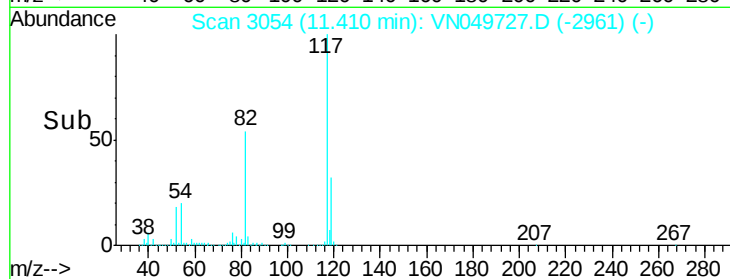
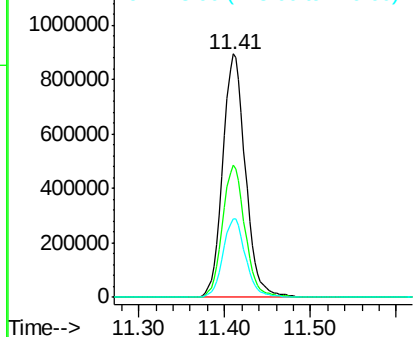
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1639221
Ion Ratio Lower Upper
117 100
82 54.3 41.9 62.9
119 32.3 25.4 38.2

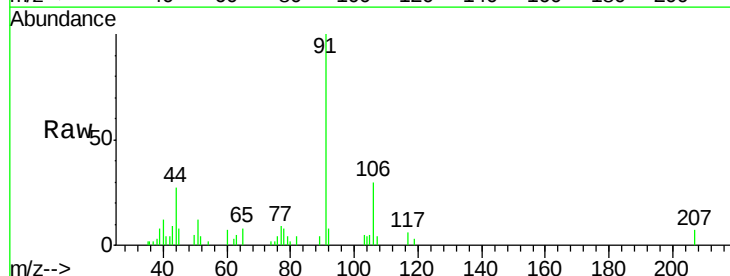


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

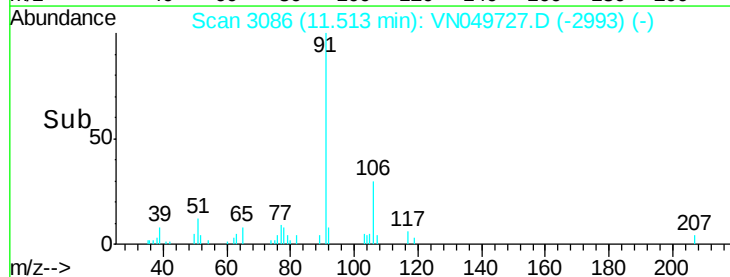
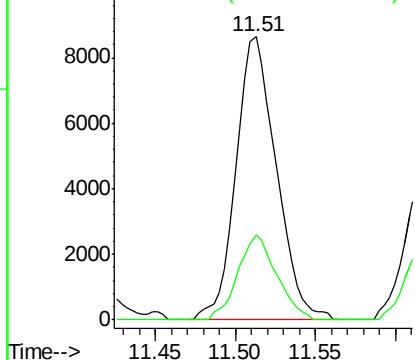


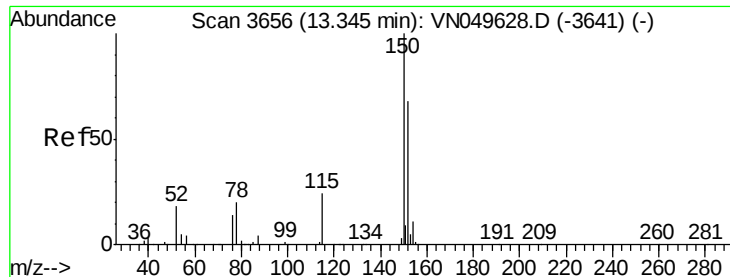
#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

Tgt Ion: 91 Resp: 14808
Ion Ratio Lower Upper
91 100
106 29.9 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): 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: VN049727.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_N

ClientSampled :

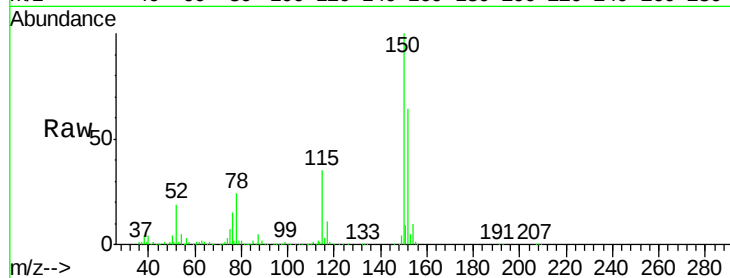
Tot Ion:152 Resp: 657295

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.2

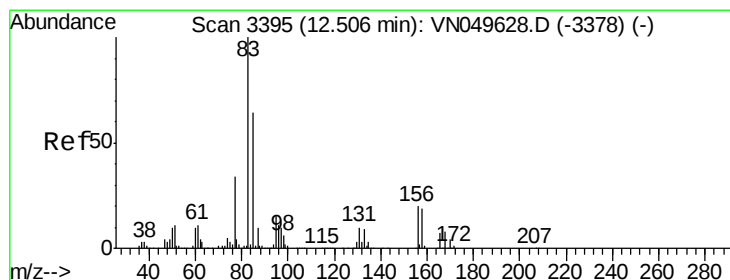
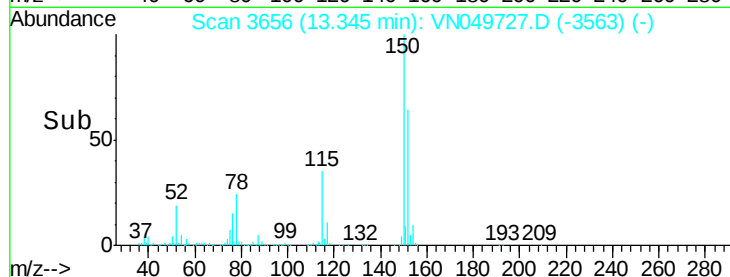
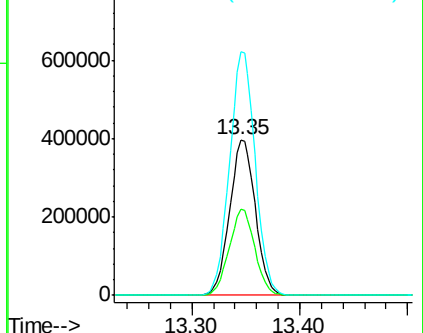
150 156.4 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.54 min Scan# 3404

Delta R.T. 0.03 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

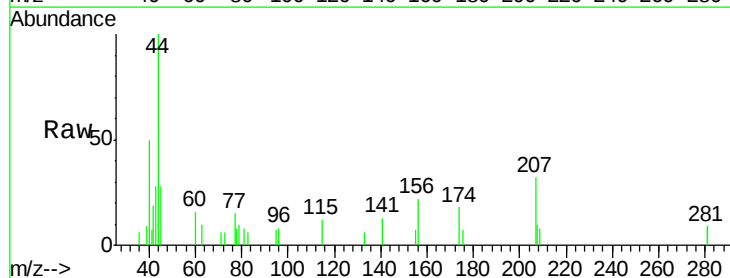
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

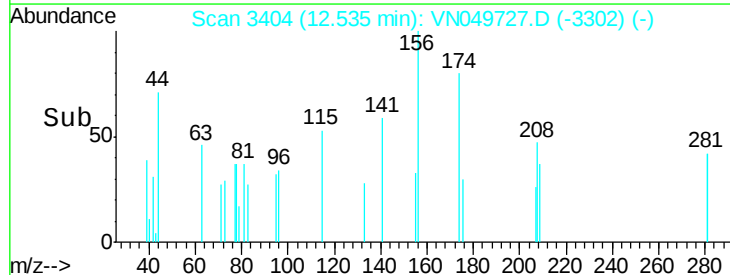
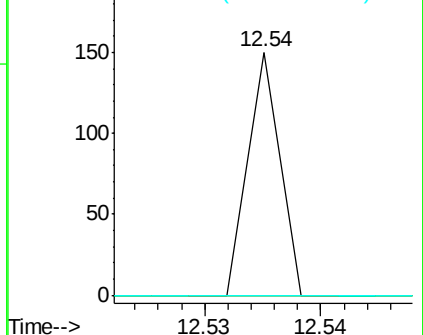
85 0.0 32.5 97.4#

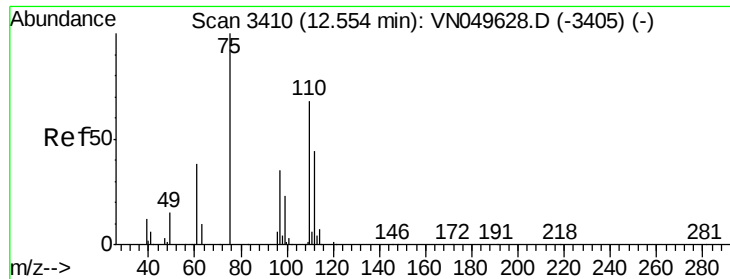


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 36.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_N

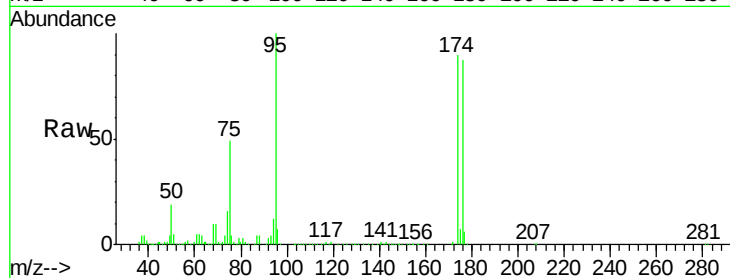
ClientSampled :

Tot Ion: 75 Resp: 380123

Ion Ratio Lower Upper

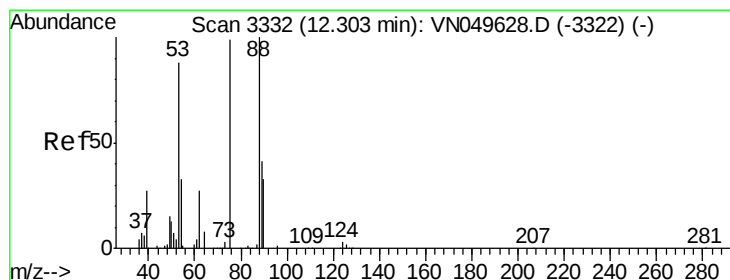
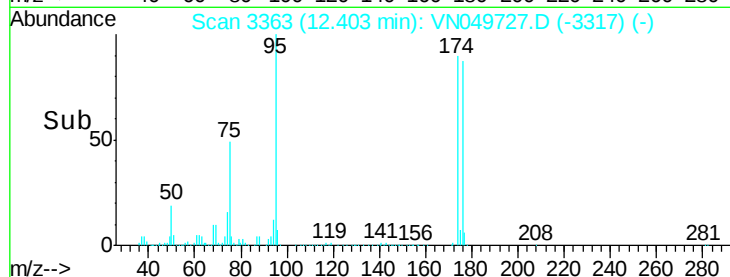
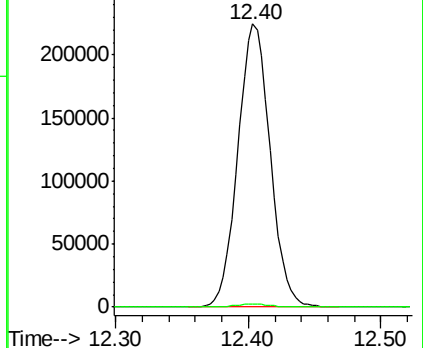
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 122.47 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

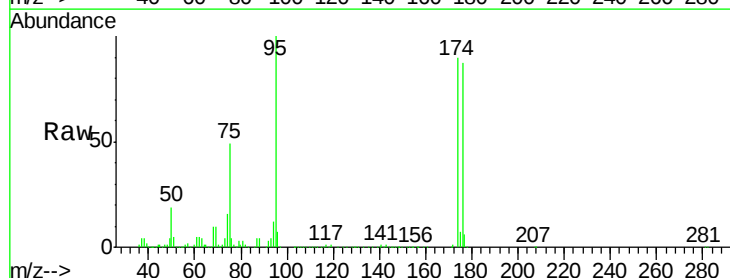
Tgt Ion: 75 Resp: 380123

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

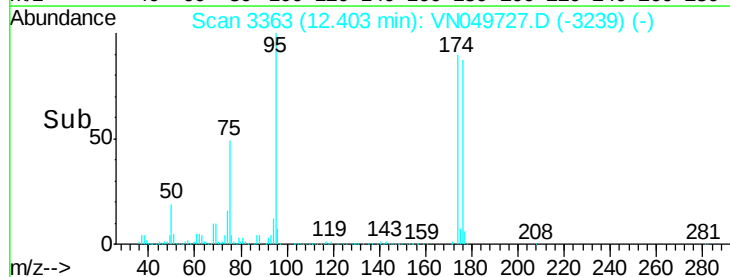
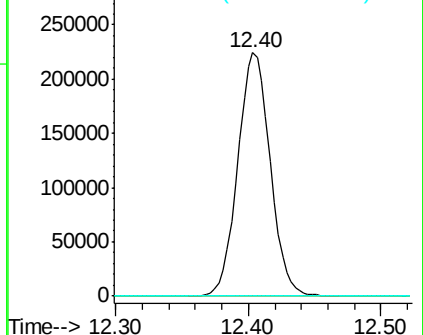
89 0.0 35.9 53.9#

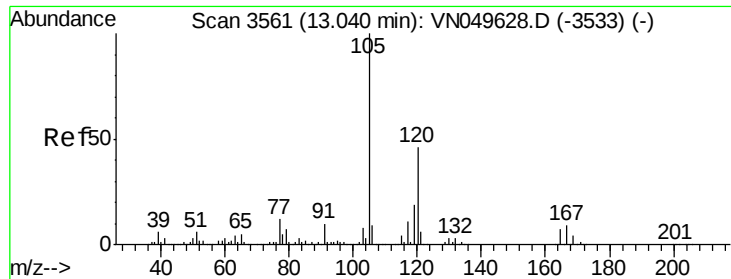


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#84

1,2,4-Trimethylbenzene

Concen: 0.37 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_N

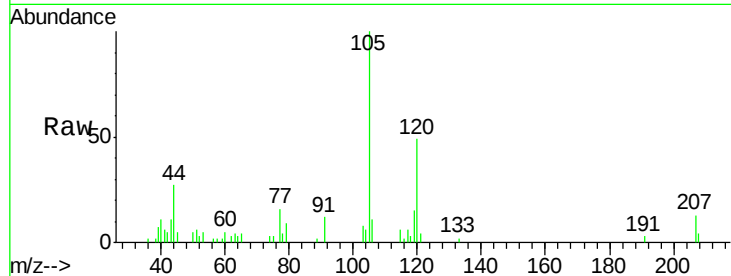
ClientSampled :

Tot Ion:105 Resp: 16737

Ion Ratio Lower Upper

105 100

120 42.1 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

10000

8000

6000

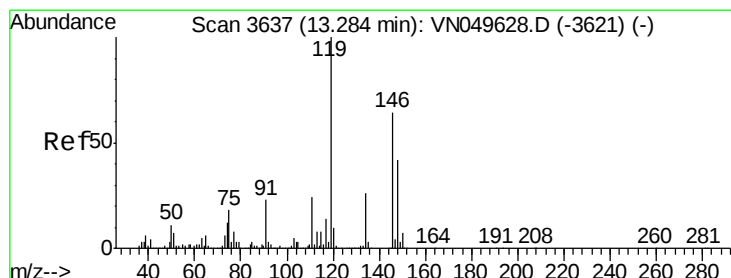
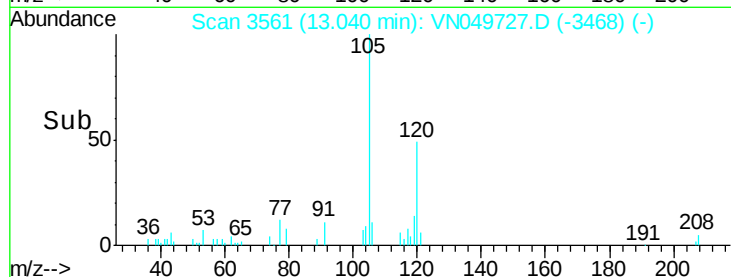
4000

2000

0

Time-->

13.00 13.05 13.10



#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

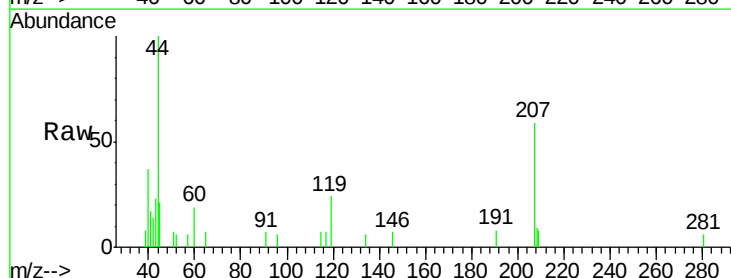
Tgt Ion:146 Resp: 72

Ion Ratio Lower Upper

146 100

111 0.0 19.0 57.0#

148 0.0 32.5 97.5#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.28

250

200

150

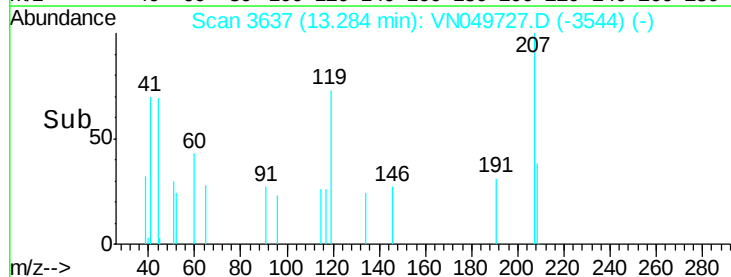
100

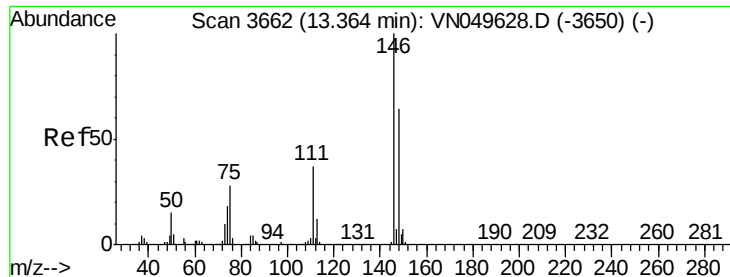
50

0

Time-->

13.28 13.29





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.35 min Scan# 3659

Delta R.T. -0.01 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_N

ClientSampleId :

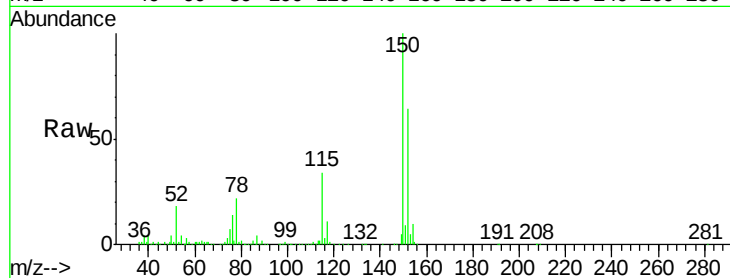
Tot Ion:146 Resp: 611

Ion Ratio Lower Upper

146 100

111 0.0 18.9 56.5#

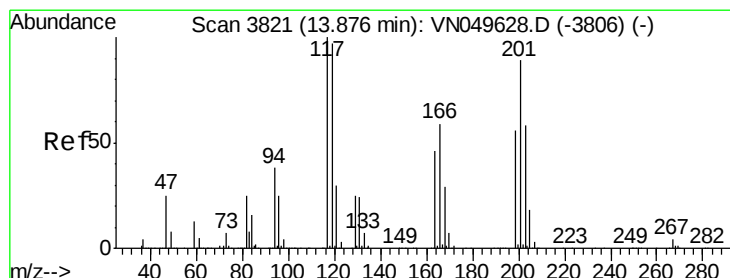
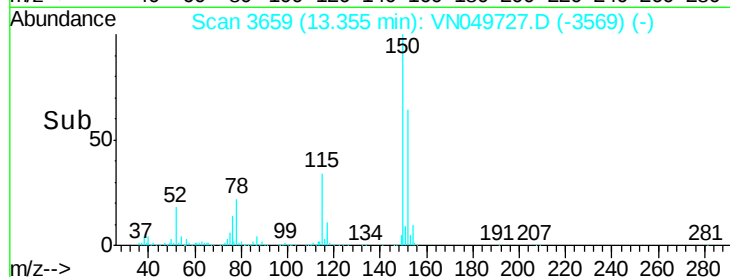
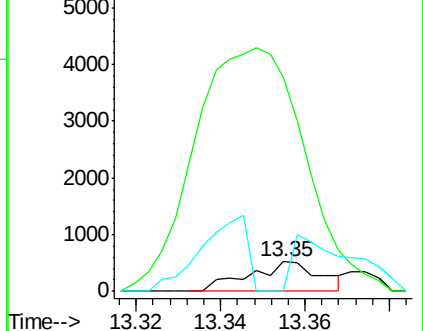
148 159.4 32.1 96.3#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#90

Hexachloroethane

Concen: 0.43 ug/l

RT: 13.89 min Scan# 3824

Delta R.T. 0.01 min

Lab File: VN049727.D

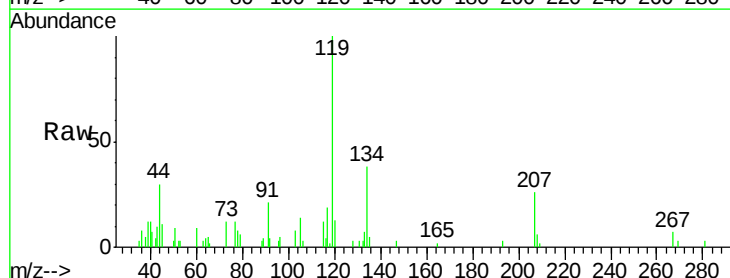
Acq: 5 Jul 2018 21:18

Tgt Ion:117 Resp: 1917

Ion Ratio Lower Upper

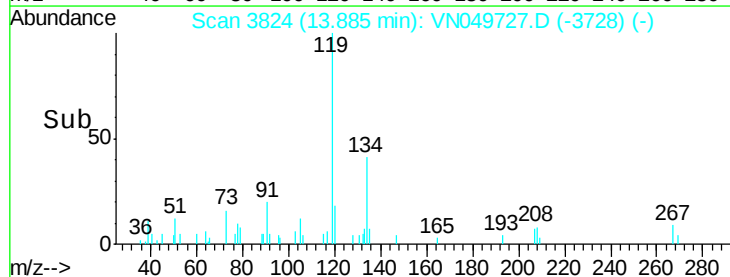
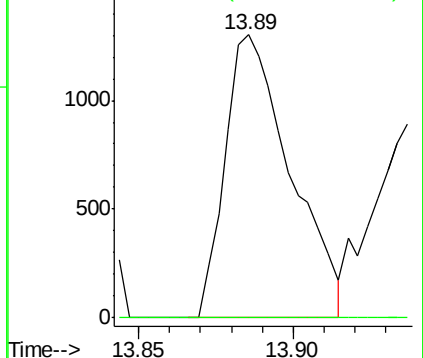
117 100

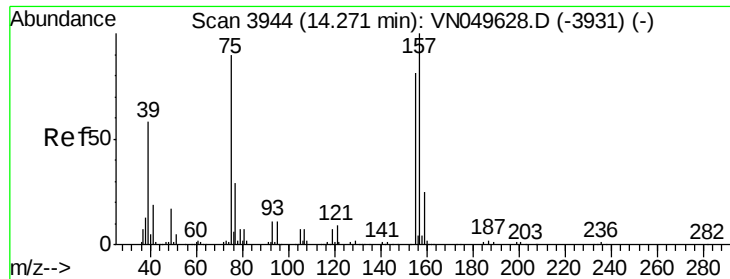
201 0.0 45.3 135.8#



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: Below Cal

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_N

ClientSampled :

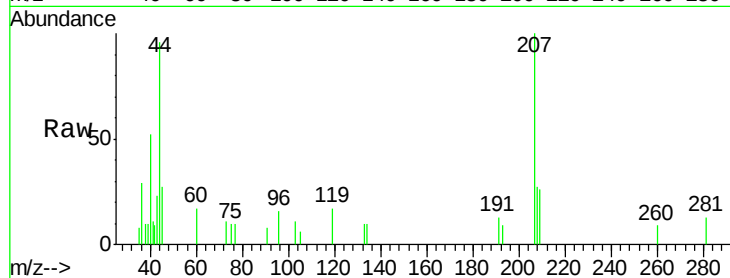
Tot Ion: 75 Resp: 294

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

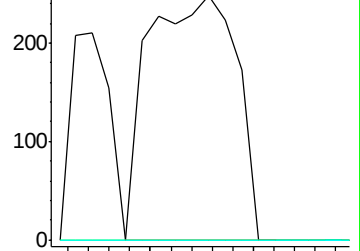
157 0.0 56.9 170.7#



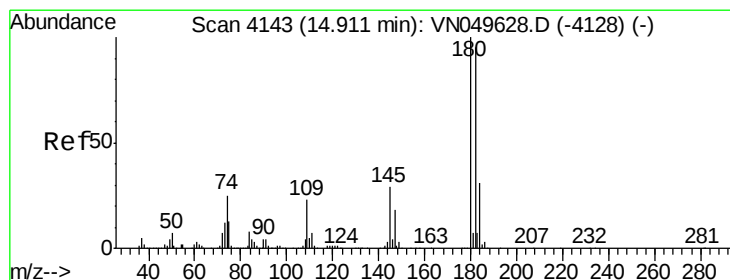
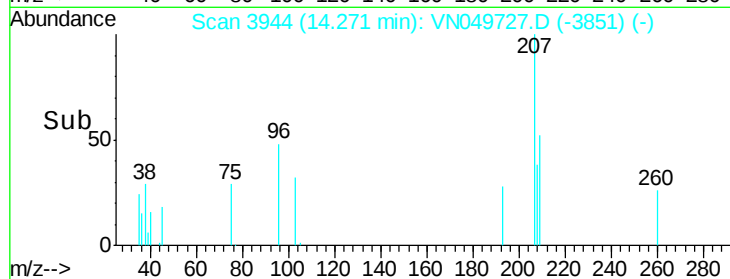
Abundance Ion 74.90 (74.60 to 75.60): VN049628.D (-3931) (-)

Ion 154.80 (154.50 to 155.50): VN049628.D (-3931) (-)

Ion 156.80 (156.50 to 157.50): VN049628.D (-3931) (-)



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.41 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049727.D

Acq: 5 Jul 2018 21:18

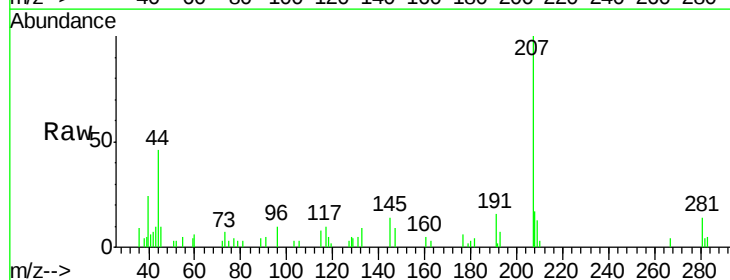
Tgt Ion: 180 Resp: 64

Ion Ratio Lower Upper

180 100

182 471.9 47.3 141.9#

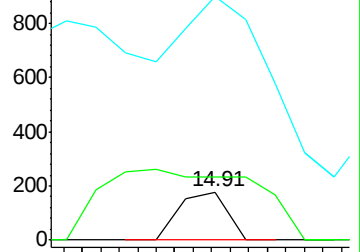
145 896.9 14.4 43.0#



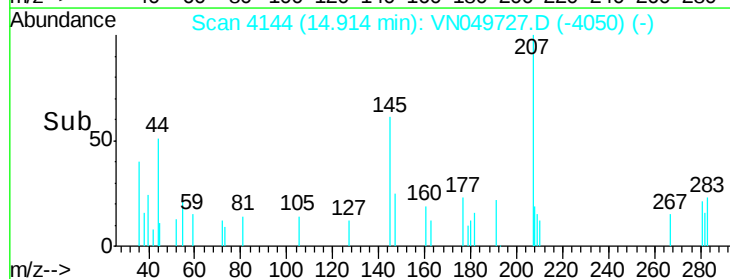
Abundance Ion 179.80 (179.50 to 180.50): VN049628.D (-4128) (-)

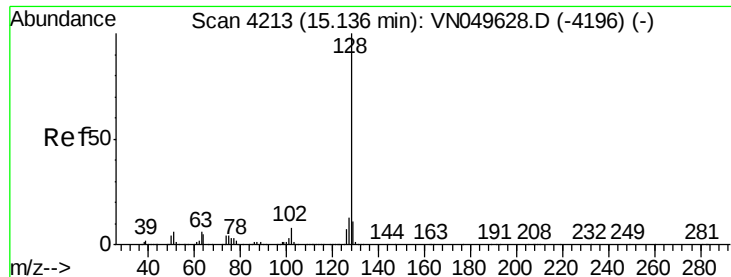
Ion 181.80 (181.50 to 182.50): VN049628.D (-4128) (-)

Ion 144.80 (144.50 to 145.50): VN049628.D (-4128) (-)



Time-->

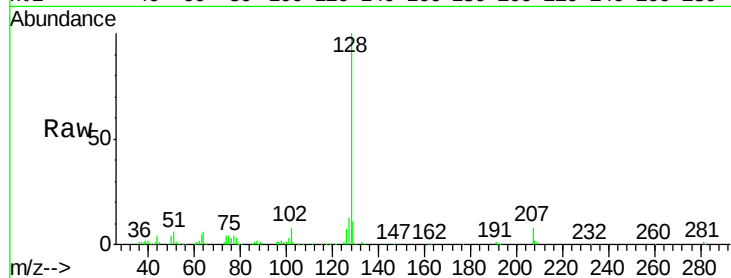




#95
Naphthalene
Concen: 9.09 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049727.D
Acq: 5 Jul 2018 21:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.4	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

