

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049723.D
 Acq On : 5 Jul 2018 19:34
 Operator : MD\SY
 Sample : PB110828ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 06 02:13:21 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	1168884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2020231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1634375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	615482	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	857629	55.56	ug/l	0.00
Spiked Amount			Recovery	=	111.12%	
35) Dibromofluoromethane	7.59	113	685675	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	
50) Toluene-d8	10.09	98	2641963	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
62) 4-Bromofluorobenzene	12.41	95	752462	37.28	ug/l	0.00
Spiked Amount			Recovery	=	74.56%	

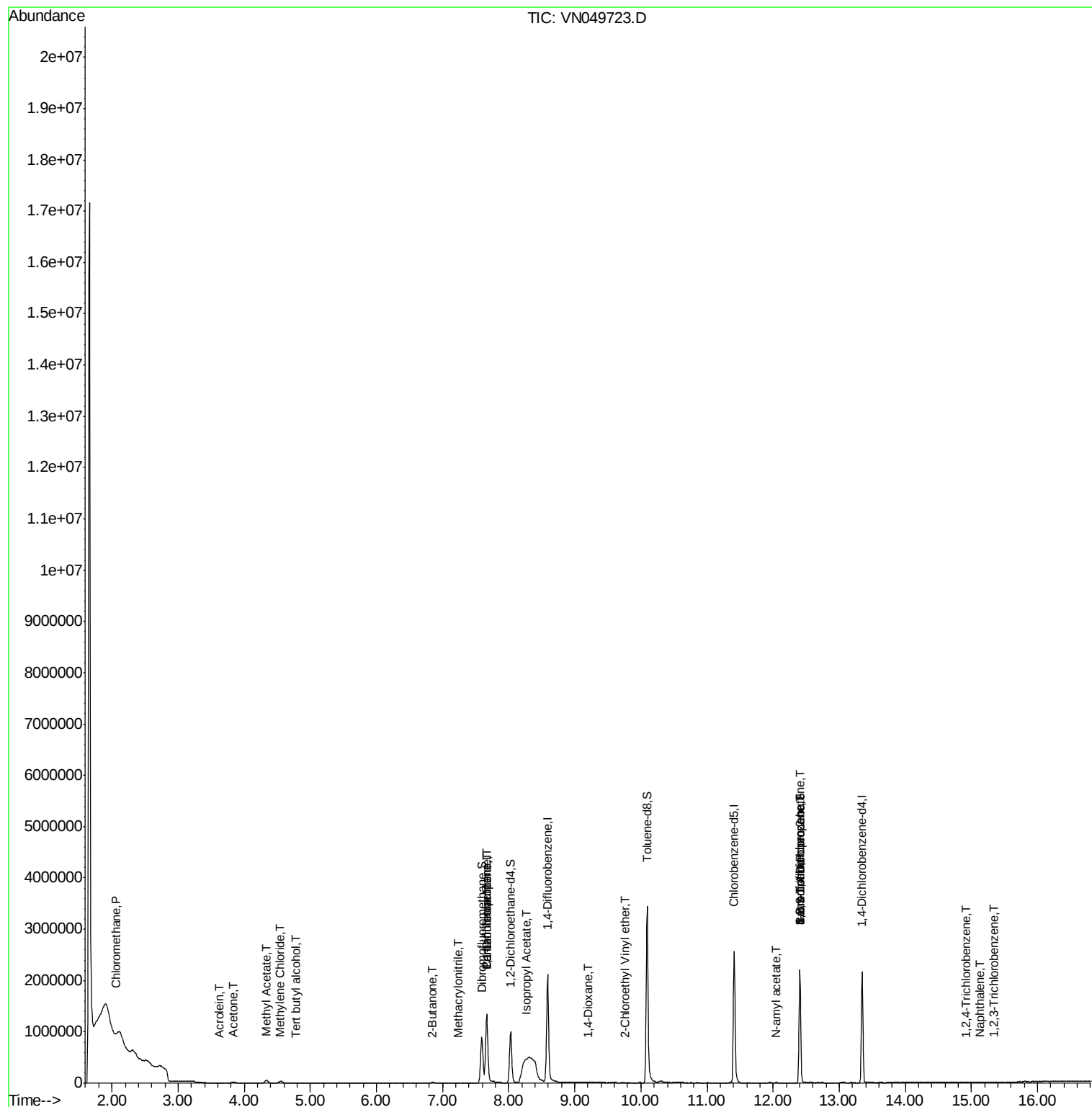
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4542	0.28	ug/l	97
11) Tert butyl alcohol	4.78	59	296	0.33	ug/l #	72
13) Acrolein	3.61	56	749	0.91	ug/l #	51
16) Acetone	3.82	43	34213	3.15	ug/l	93
17) Carbon Disulfide	4.05	76	3530	Below Cal	#	81
18) Methyl Acetate	4.33	43	97176	1.86	ug/l	97
20) Methylene Chloride	4.55	84	21607	1.36	ug/l	93
25) 2-Butanone	6.85	43	7459	1.46	ug/l	97
36) 1,1-Dichloropropene	7.67	75	85028	3.74	ug/l #	48
38) Carbon Tetrachloride	7.67	117	106347	4.81	ug/l #	17
41) Methacrylonitrile	7.23	41	1873	0.25	ug/l #	42
43) Isopropyl Acetate	8.26	43	689883	25.93	ug/l #	62
49) 1,4-Dioxane	9.22	88	32	0.20	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.76	63	92	10.83	ug/l #	48
71) Bromoform	12.40	173	4879	0.48	ug/l #	1
74) N-amyl acetate	12.04	43	3290	0.25	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.56	83	98	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.41	75	366669	37.15	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	366669	126.16	ug/l #	13
87) 1,3-Dichlorobenzene	13.28	146	244	Below Cal	#	25
88) 1,4-Dichlorobenzene	13.35	146	299	Below Cal	#	1
92) 1,2-Dibromo-3-Chloropropan	14.26	75	379	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	106	2.41	ug/l #	13
95) Naphthalene	15.14	128	375	4.05	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.34	180	66	1.65	ug/l #	12

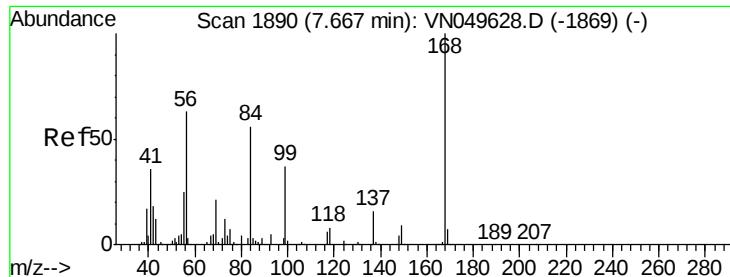
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

Instrument :

MSVOA_N

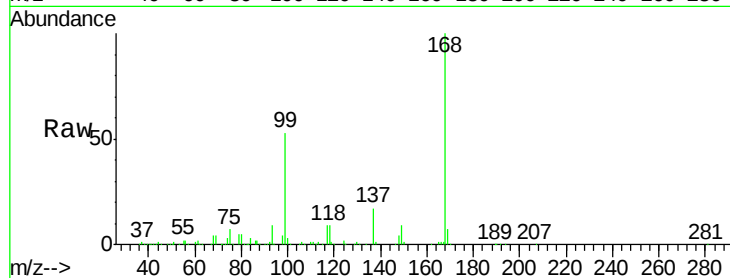
ClientSampleId :

Tot Ion:168 Resp: 1168884

Ion Ratio Lower Upper

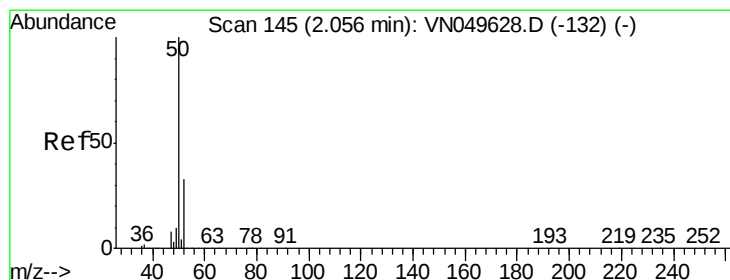
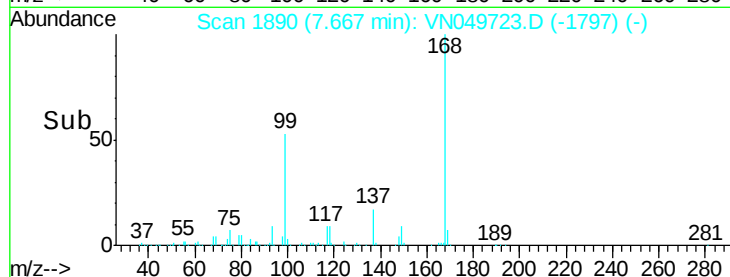
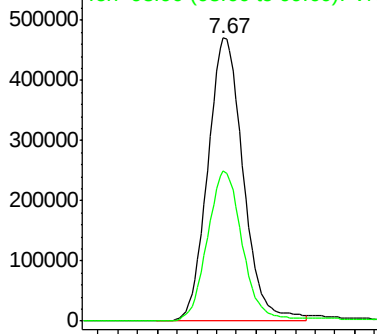
168 100

99 52.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.28 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049723.D

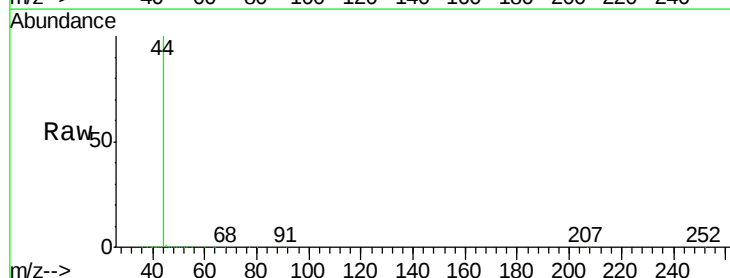
Acq: 5 Jul 2018 19:34

Tgt Ion: 50 Resp: 4542

Ion Ratio Lower Upper

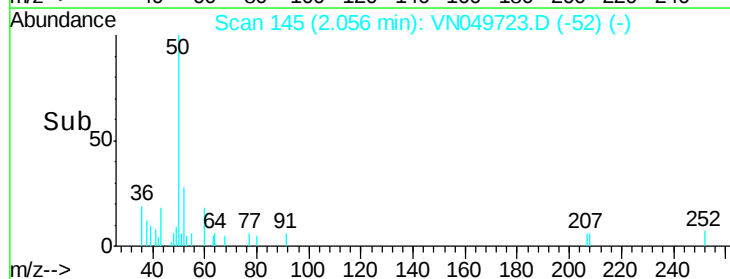
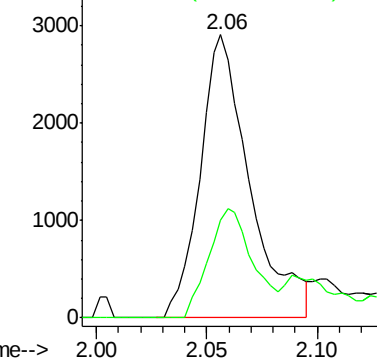
50 100

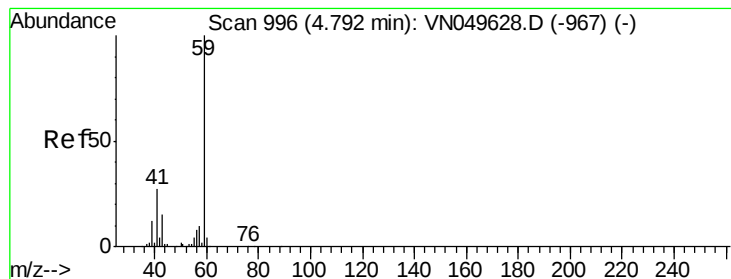
52 34.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN



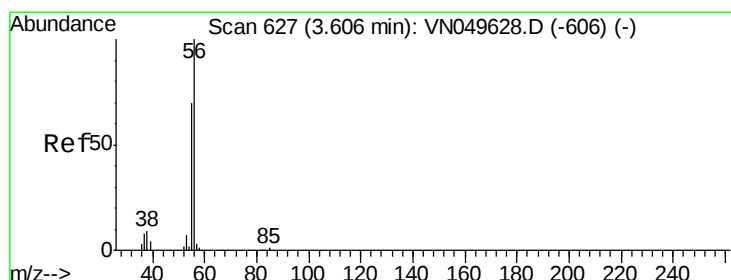
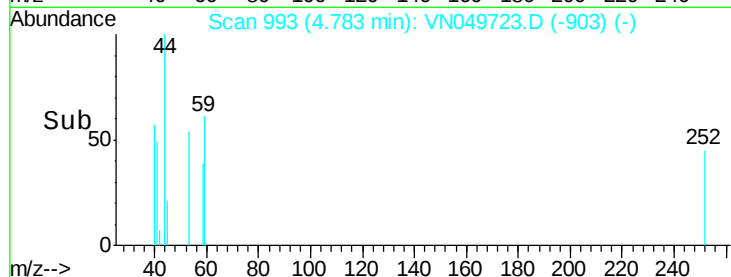
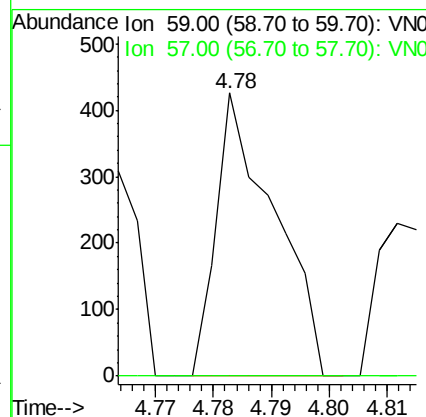
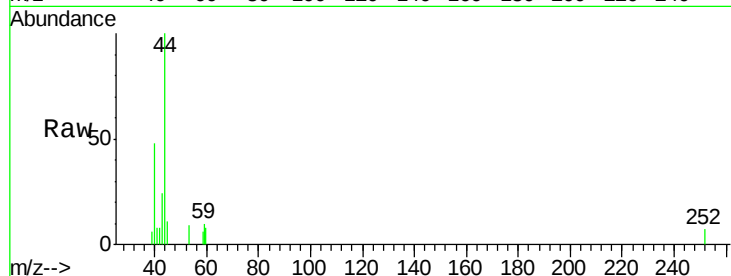


#11

Tert butyl alcohol
Concen: 0.33 ug/l
RT: 4.78 min Scan# 993
Delta R.T. -0.01 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

Instrument :
MSVOA_N
ClientSampled :

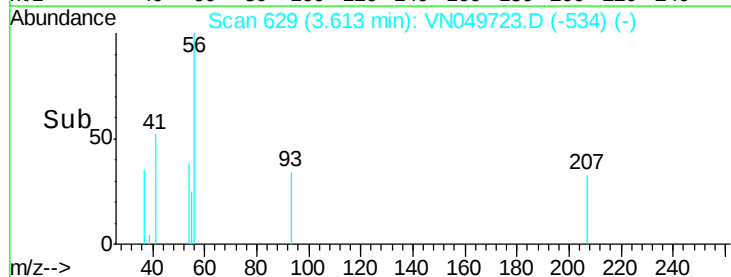
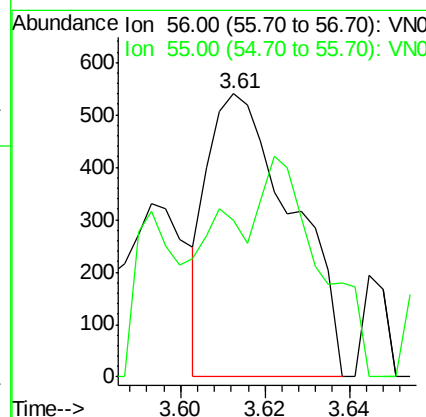
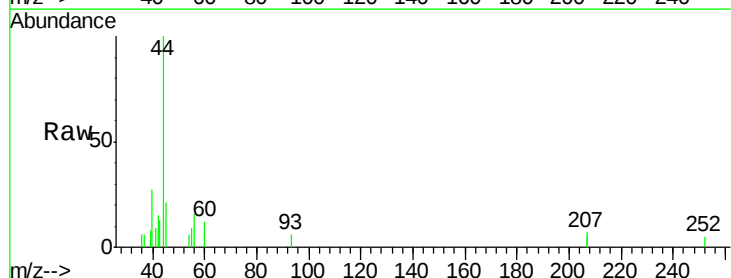
Tot Ion: 59 Resp: 296
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

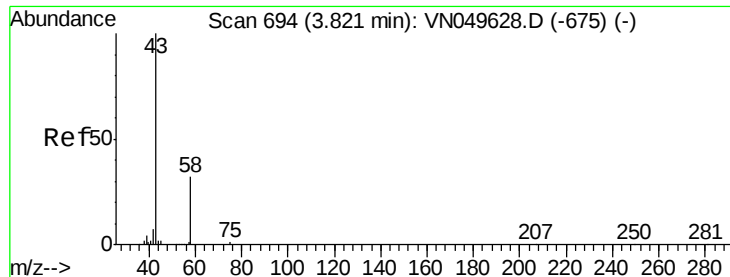


#13

Acrolein
Concen: 0.91 ug/l
RT: 3.61 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

Tgt Ion: 56 Resp: 749
Ion Ratio Lower Upper
56 100
55 29.5 55.8 83.8#





#16

Acetone

Concen: 3.15 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

Instrument :

MSVOA_N

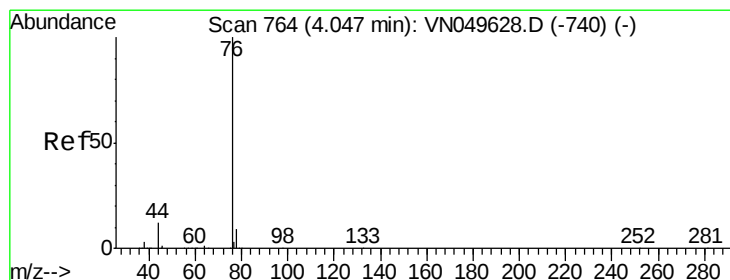
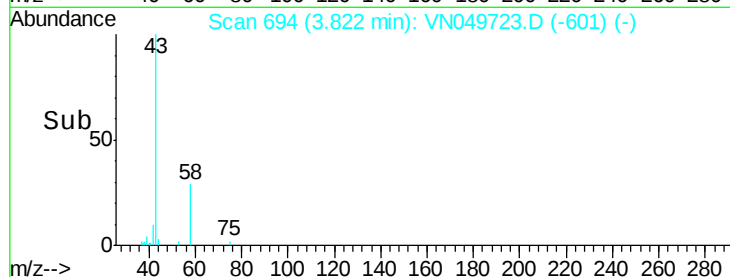
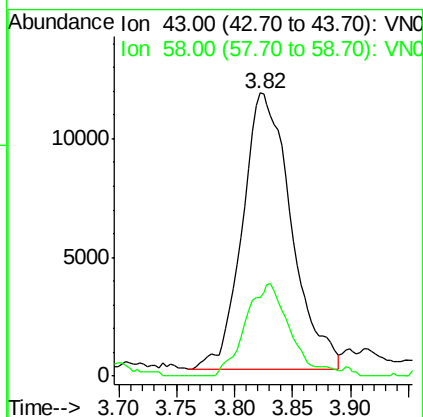
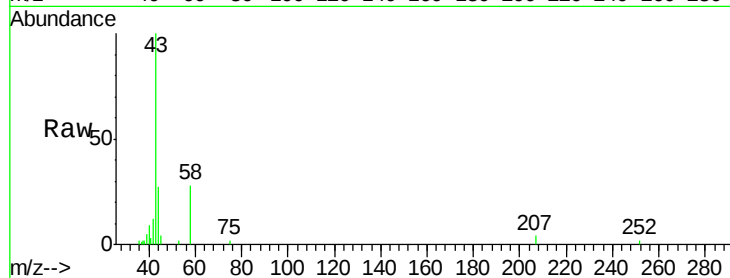
ClientSampled :

Tot Ion: 43 Resp: 34213

Ion Ratio Lower Upper

43 100

58 28.4 25.9 38.9



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049723.D

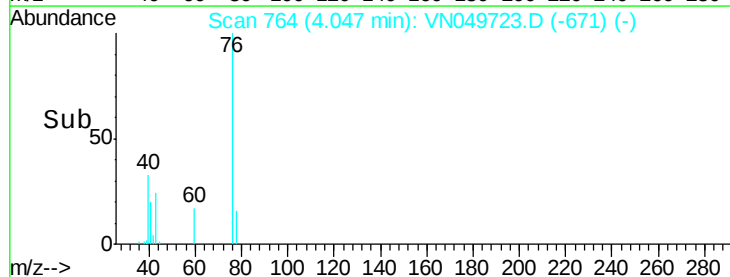
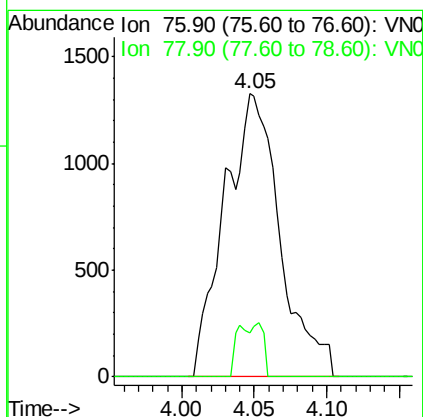
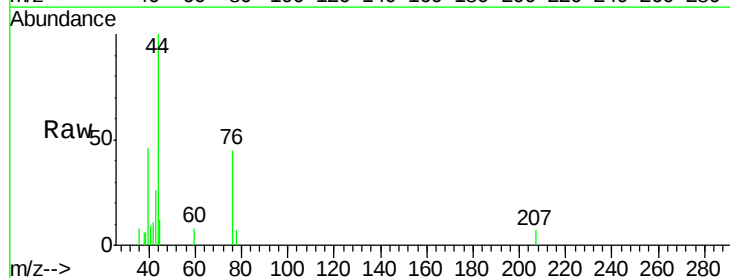
Acq: 5 Jul 2018 19:34

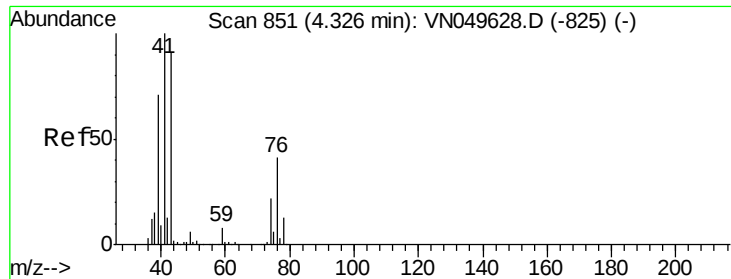
Tgt Ion: 76 Resp: 3530

Ion Ratio Lower Upper

76 100

78 15.7 7.1 10.7#

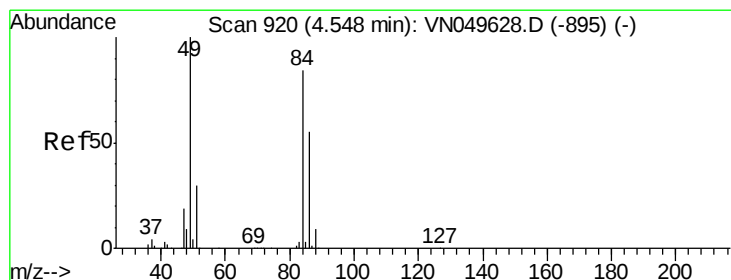
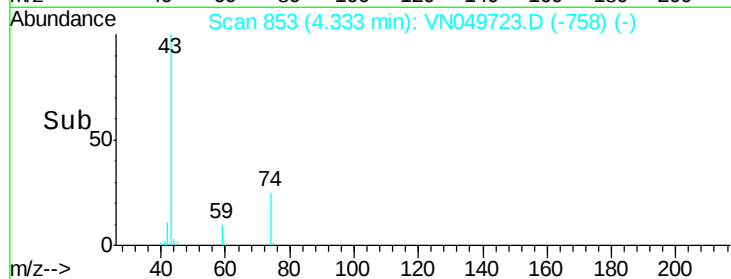
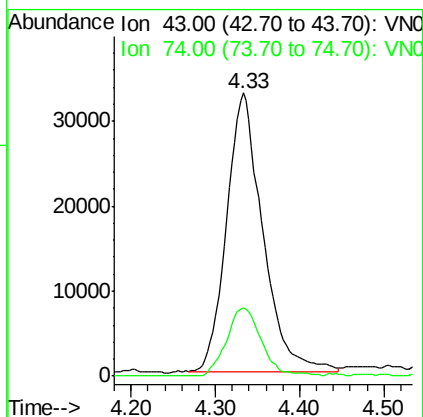
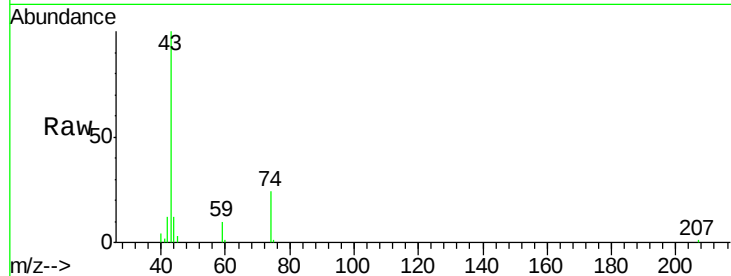




#18
Methyl Acetate
Concen: 1.86 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

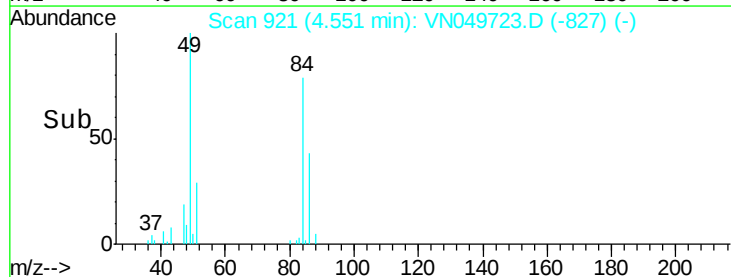
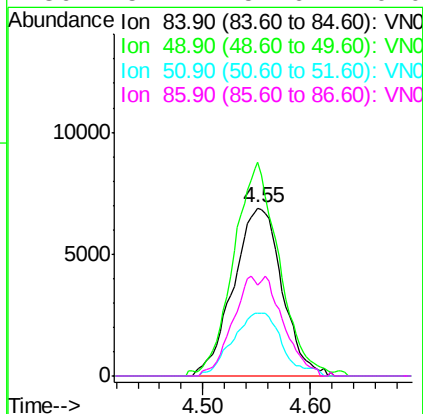
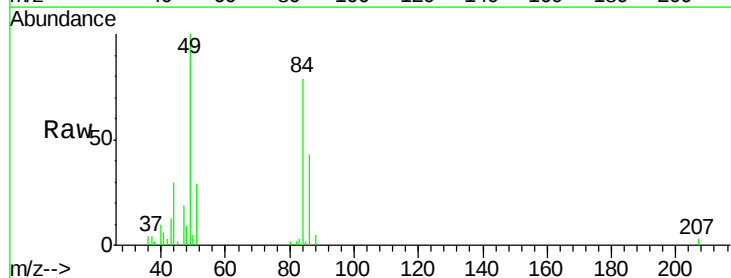
Instrument :
MSVOA_N
ClientSampled :

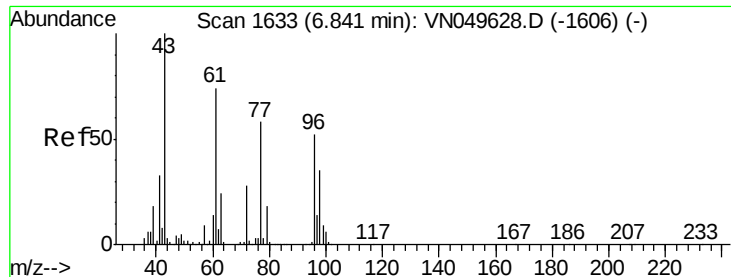
Tot Ion: 43 Resp: 97176
Ion Ratio Lower Upper
43 100
74 23.4 19.8 29.8



#20
Methylene Chloride
Concen: 1.36 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

Tgt Ion: 84 Resp: 21607
Ion Ratio Lower Upper
84 100
49 124.2 95.4 143.2
51 37.2 28.4 42.6
86 54.1 52.6 79.0





#25

2-Butanone

Concen: 1.46 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

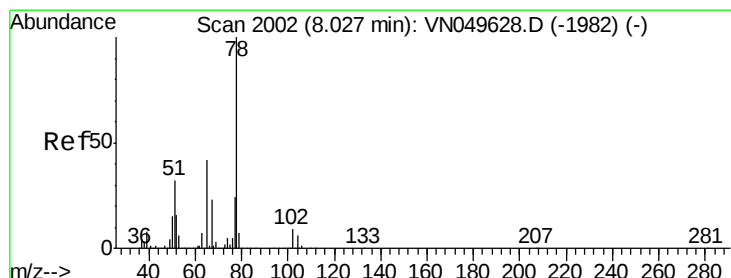
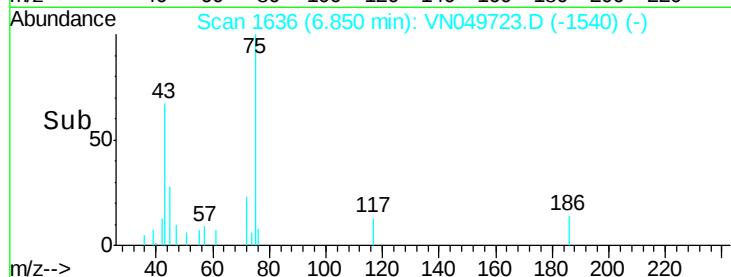
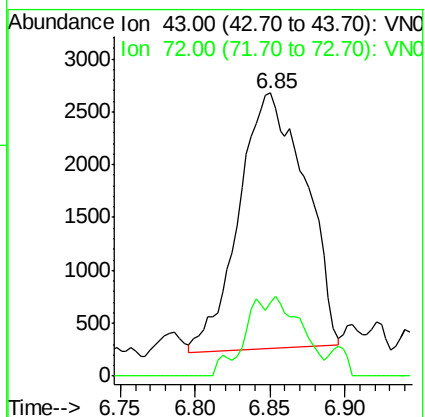
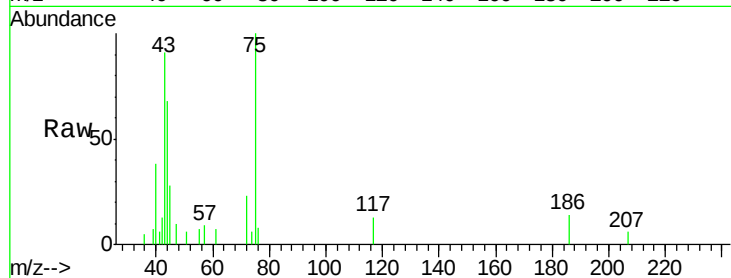
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 7459

Ion Ratio Lower Upper

43 100

72 29.2 22.1 33.1



#33

1,2-Dichloroethane-d4

Concen: 55.56 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049723.D

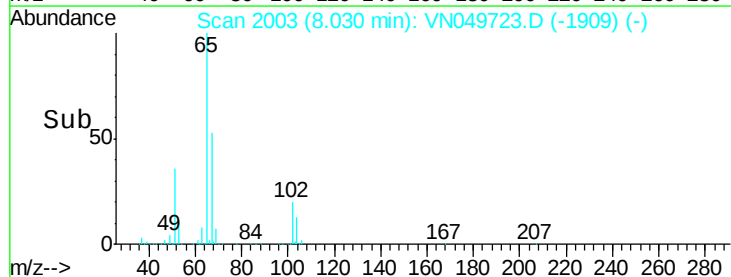
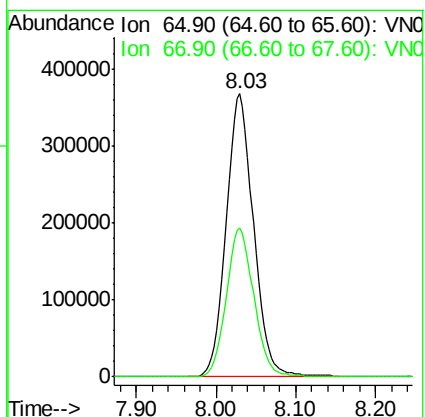
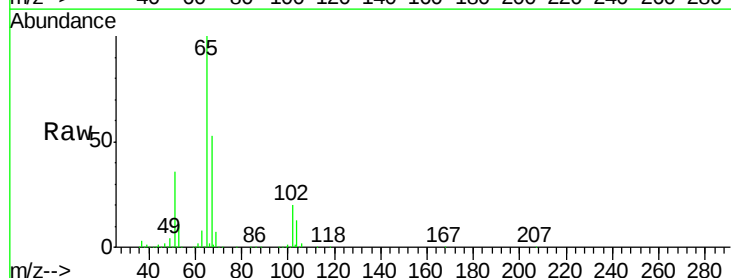
Acq: 5 Jul 2018 19:34

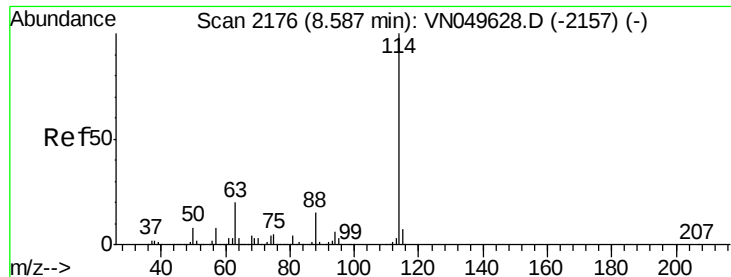
Tgt Ion: 65 Resp: 857629

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2

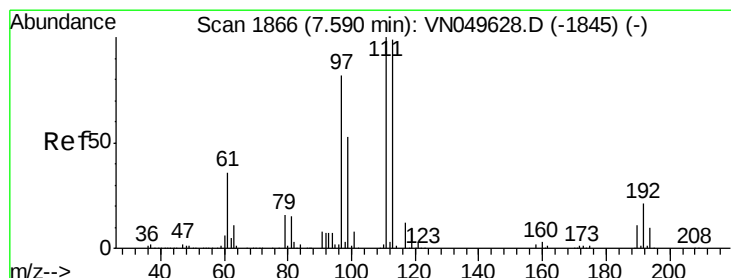
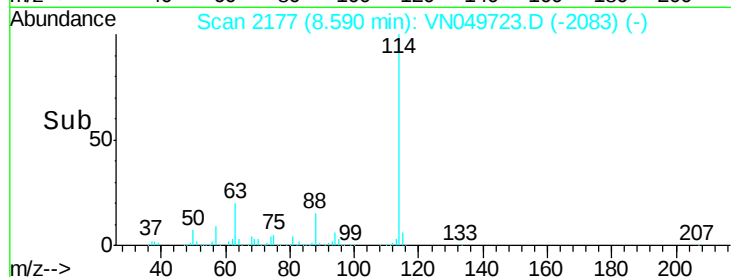
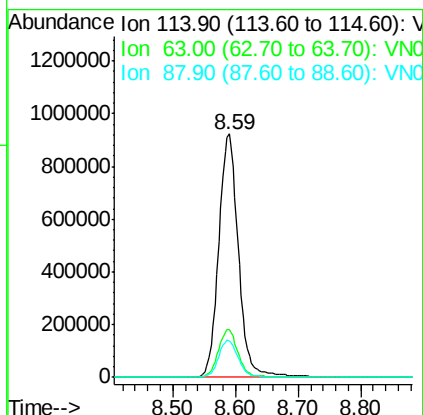
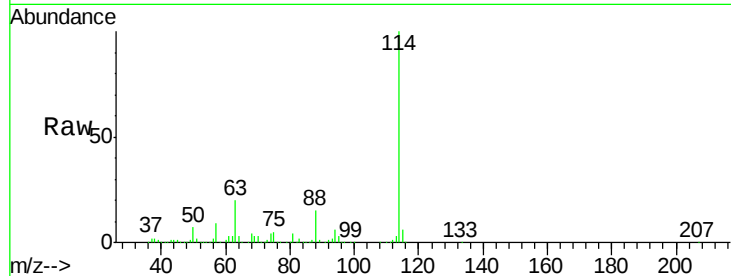




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049723.D
 Acq: 5 Jul 2018 19:34

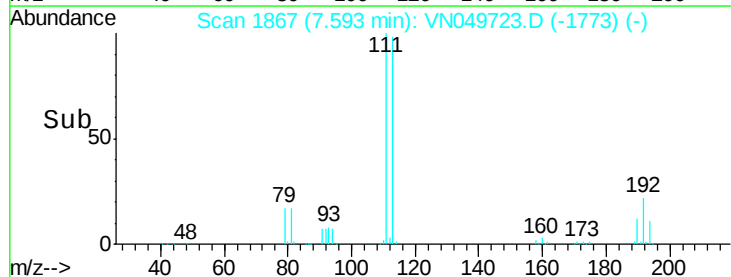
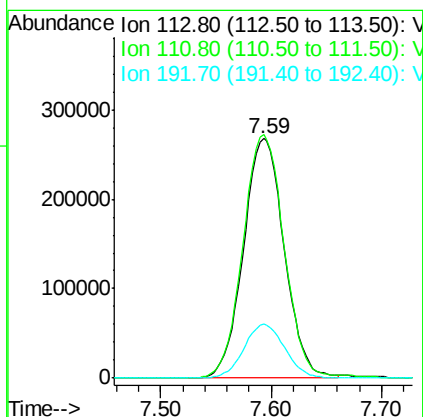
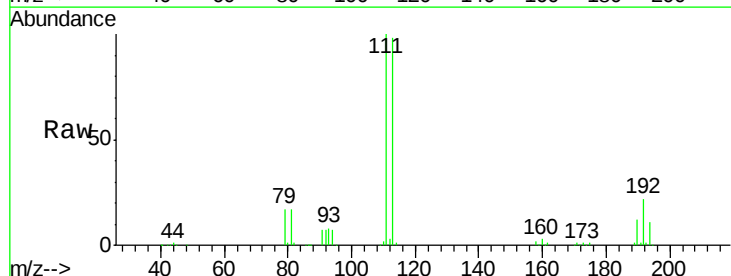
Instrument :
 MSVOA_N
 ClientSampleId :

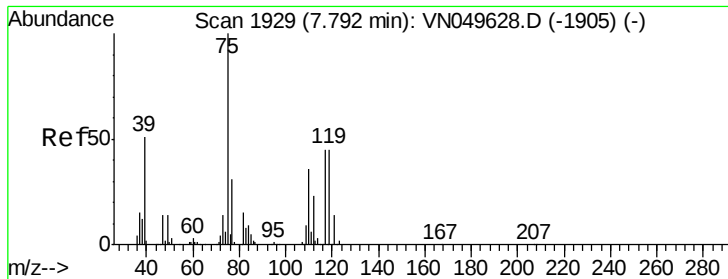
Tot Ion:114 Resp: 2020231
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.1 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 45.40 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049723.D
 Acq: 5 Jul 2018 19:34

Tgt Ion:113 Resp: 685675
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 22.7 17.8 26.6

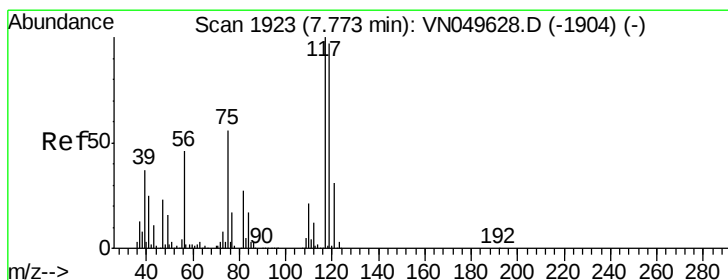
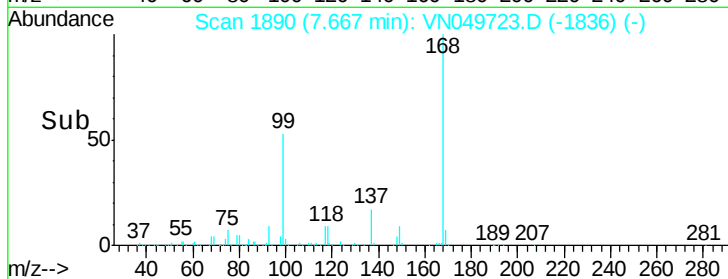
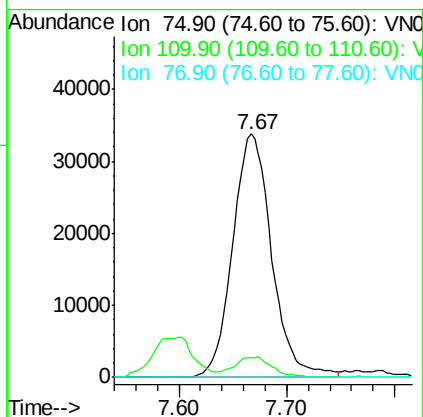
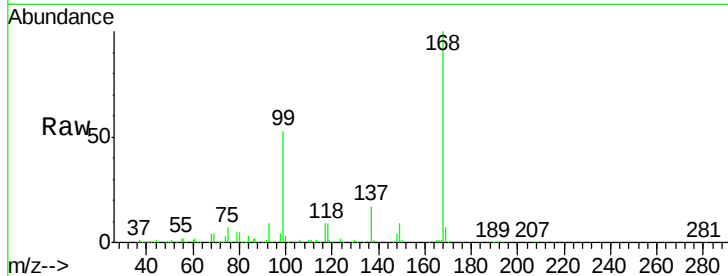




#36
 1,1-Dichloropropene
 Concen: 3.74 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049723.D
 Acq: 5 Jul 2018 19:34

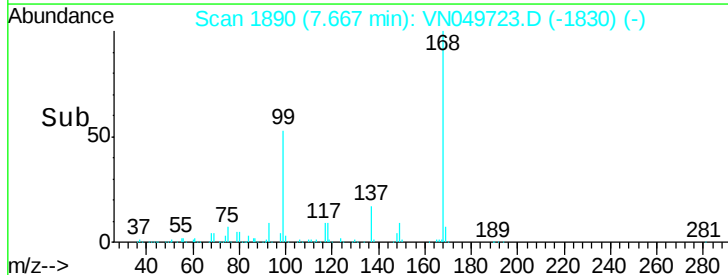
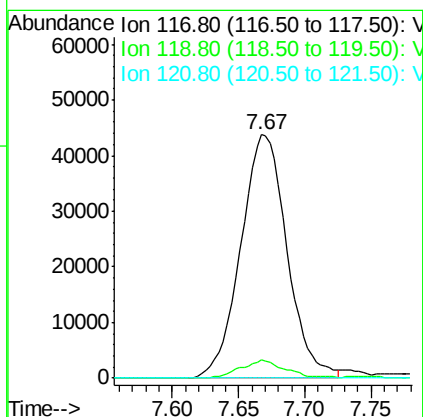
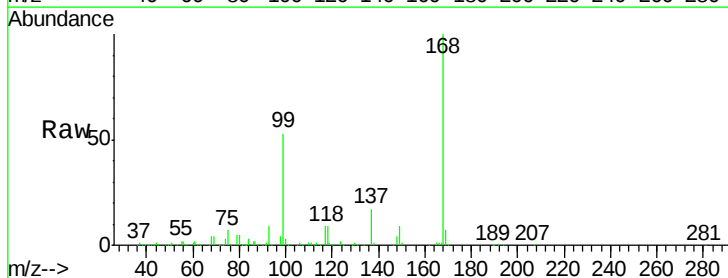
Instrument :
 MSVOA_N
 ClientSampleId :

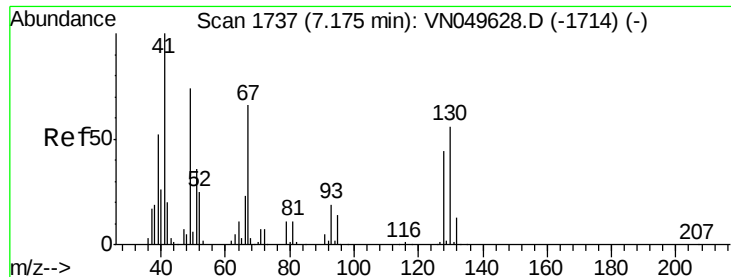
Tot Ion	75	Resp	85028
Ion Ratio	100	Lower	Upper
75	100		
110	8.1	18.1	54.4#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.81 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049723.D
 Acq: 5 Jul 2018 19:34

Tgt Ion	117	Resp	106347
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	7.3	77.2	115.8#
121	0.0	25.0	37.6#

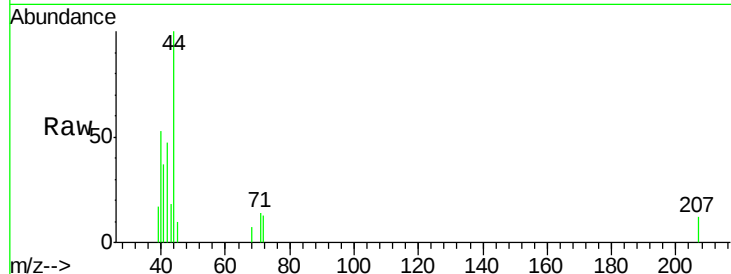




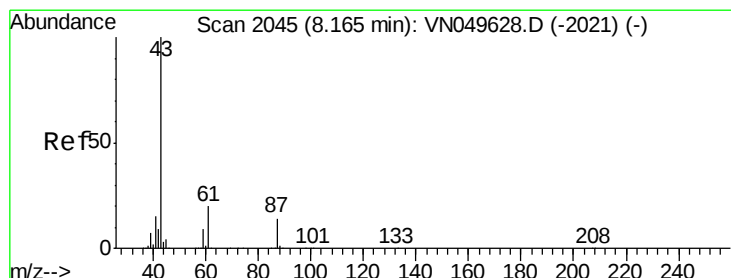
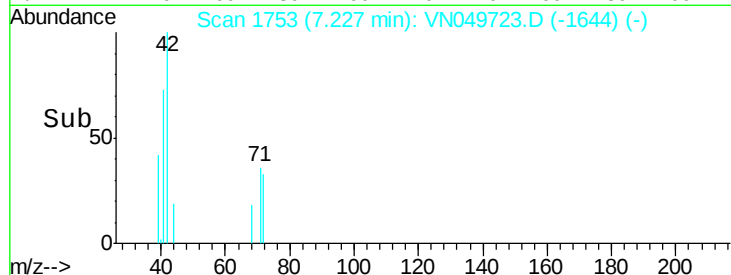
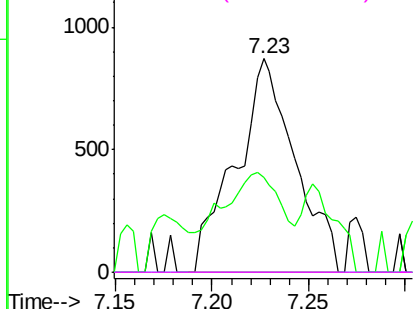
#41
Methacrylonitrile
Concen: 0.25 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.05 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
41	100		
39	48.6	45.4	68.2
67	0.0	65.4	98.0#
52	0.0	24.7	37.1#

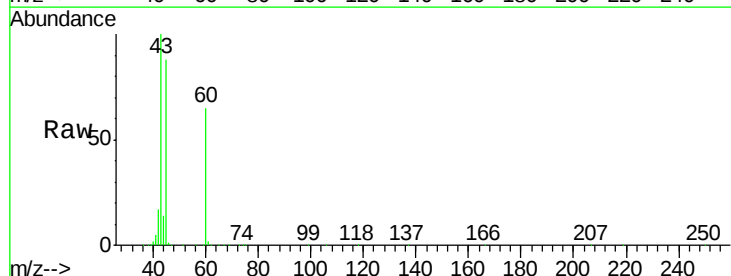


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

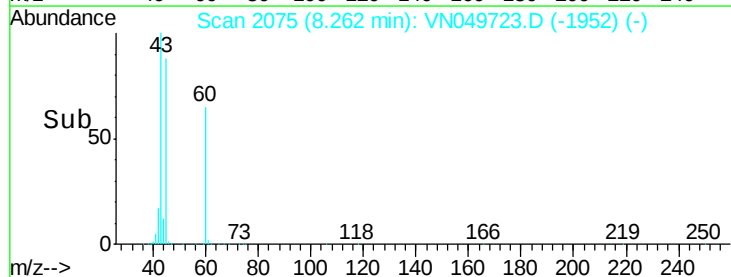
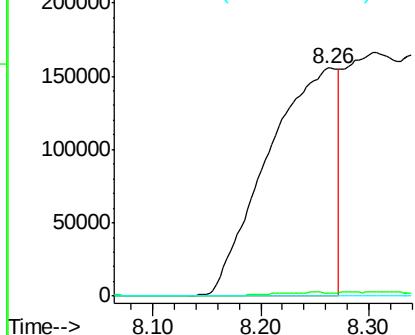


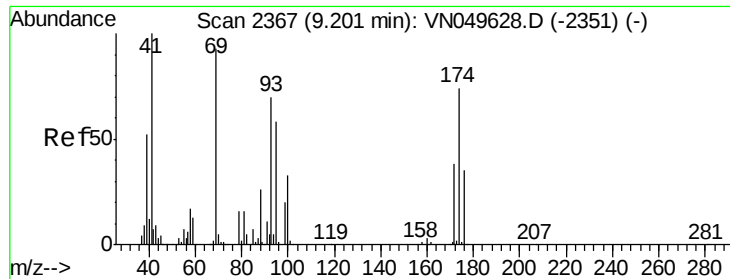
#43
Isopropyl Acetate
Concen: 25.93 ug/l
RT: 8.26 min Scan# 2075
Delta R.T. 0.10 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

Tgt 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

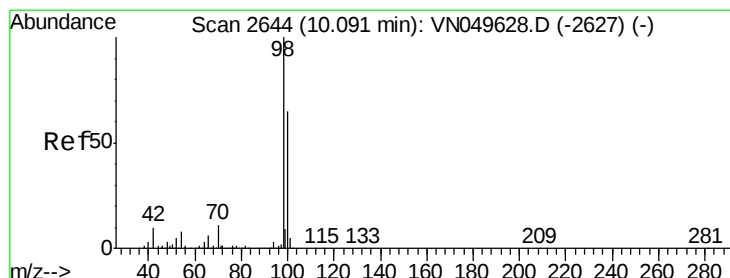
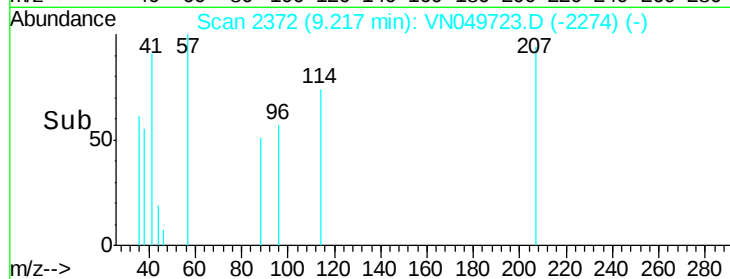
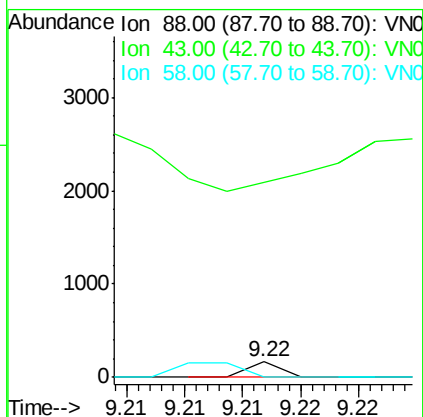
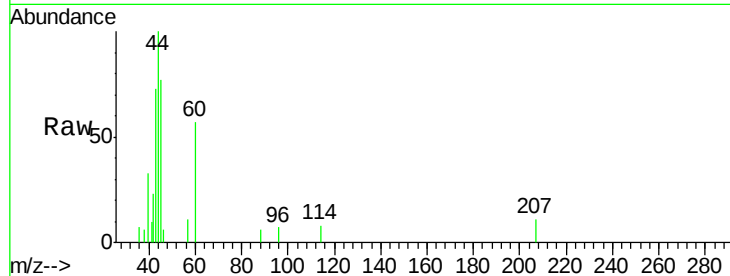




#49
1,4-Dioxane
Concen: 0.20 ug/l
RT: 9.22 min Scan# 2372
Delta R.T. 0.02 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

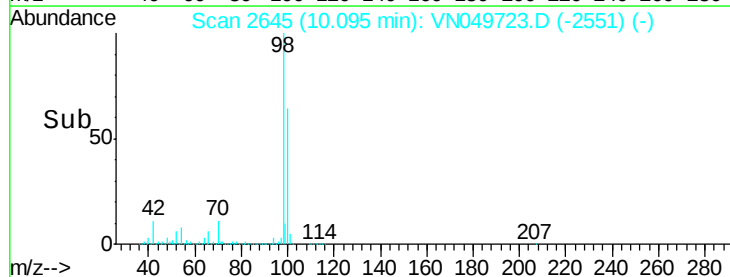
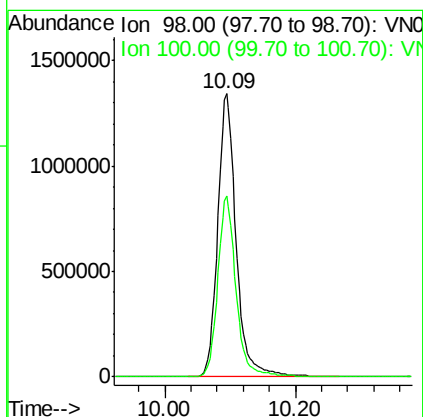
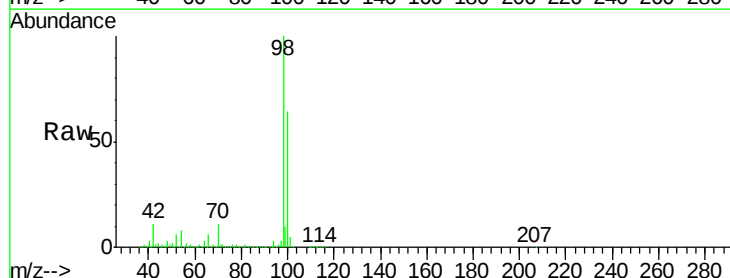
Instrument :
MSVOA_N
ClientSampleId :

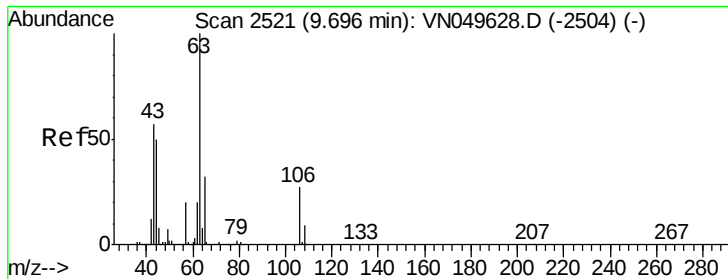
Tot Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 1193.8 25.1 37.7#
58 187.5 52.5 78.7#



#50
Toluene-d8
Concen: 44.69 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

Tgt Ion: 98 Resp: 2641963
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5





#58

2-Chloroethyl Vinyl ether

Concen: 10.83 ug/l

RT: 9.76 min Scan# 2542

Delta R.T. 0.07 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

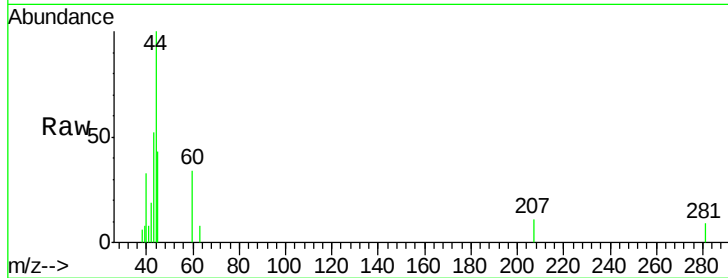
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 92

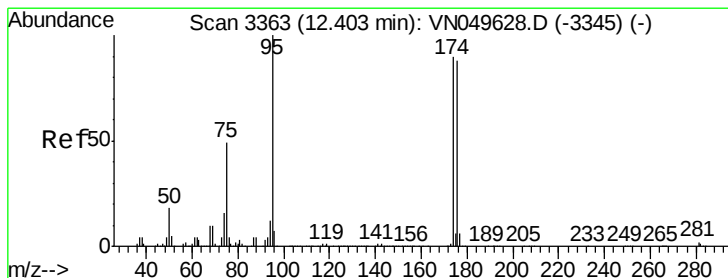
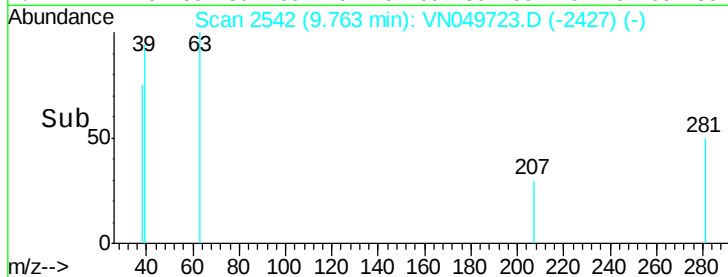
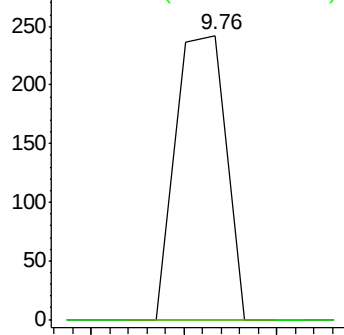
Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-2504) (-)



#62

4-Bromofluorobenzene

Concen: 37.28 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

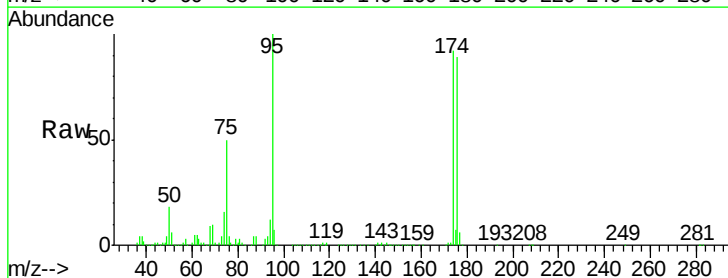
Tgt Ion: 95 Resp: 752462

Ion Ratio Lower Upper

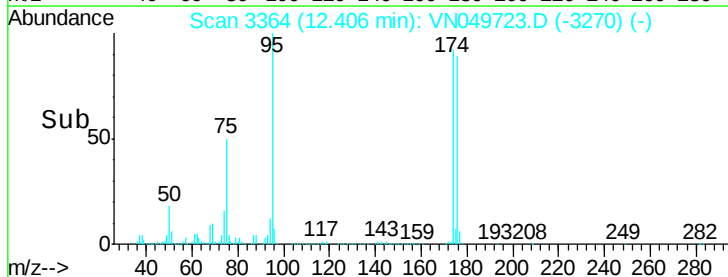
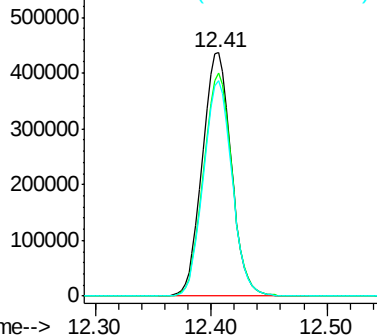
95 100

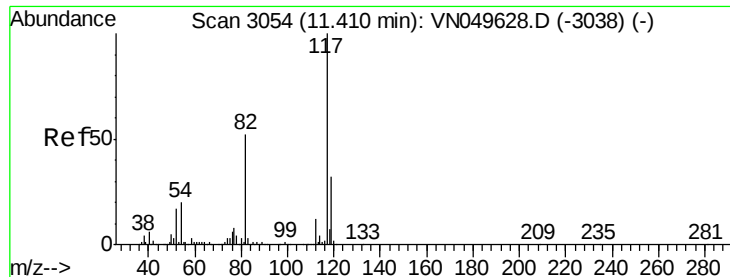
174 90.6 0.0 179.6

176 87.3 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049628.D (-3345) (-)

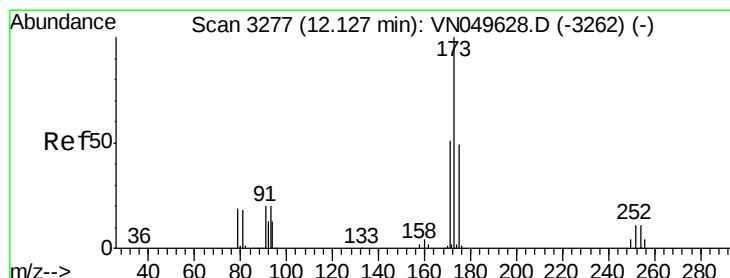
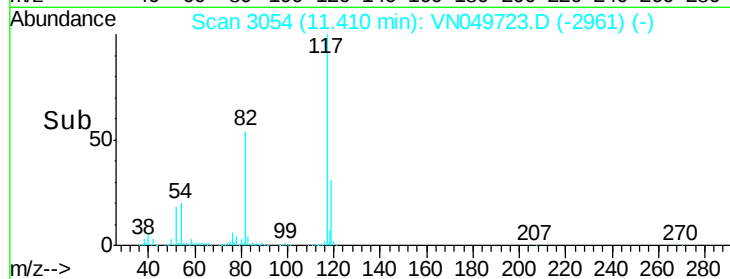
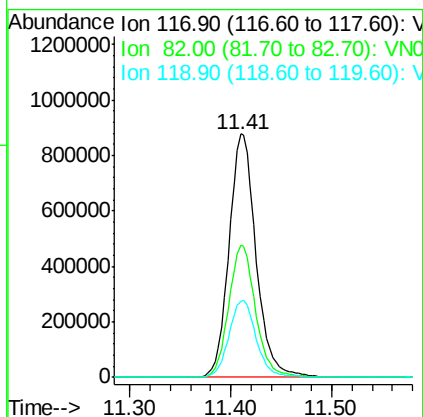
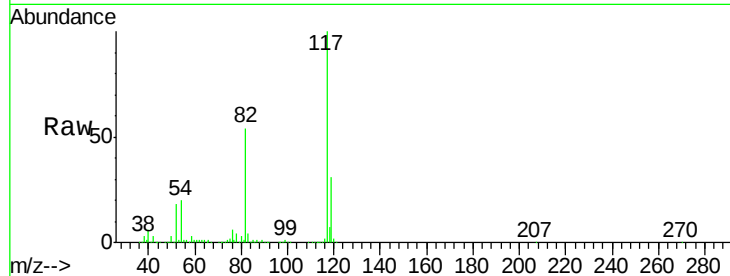




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

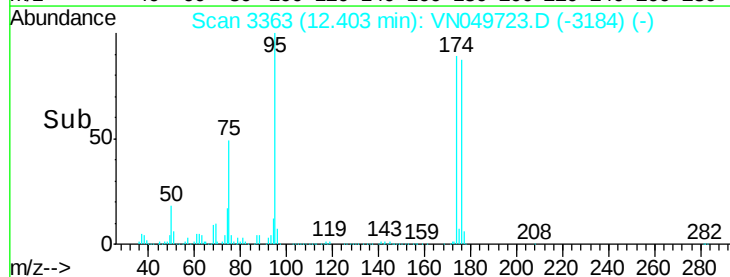
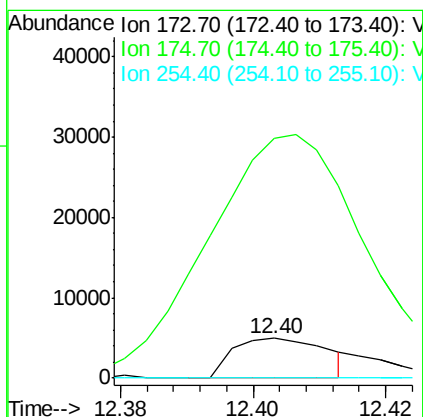
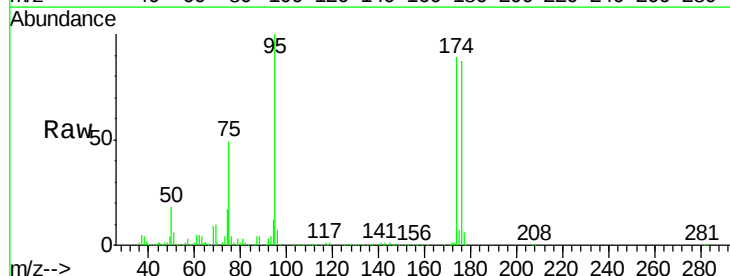
Instrument :
MSVOA_N
ClientSampled :

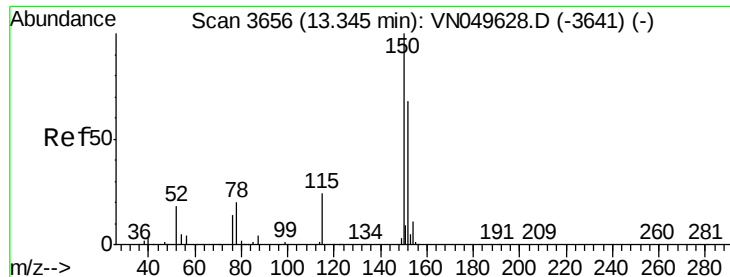
Tot Ion:117 Resp: 1634375
Ion Ratio Lower Upper
117 100
82 54.4 41.9 62.9
119 31.4 25.4 38.2



#71
Bromoform
Concen: 0.48 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049723.D
Acq: 5 Jul 2018 19:34

Tgt Ion:173 Resp: 4879
Ion Ratio Lower Upper
173 100
175 832.0 24.6 73.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

Instrument :

MSVOA_N

ClientSampled :

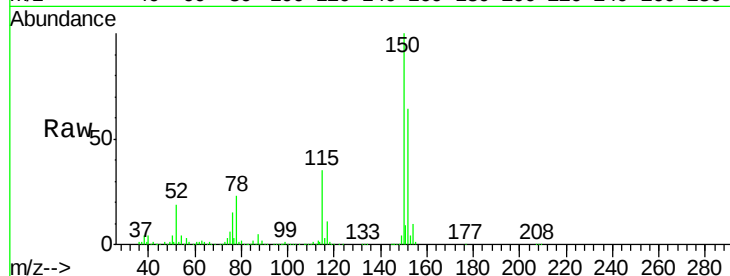
Tot Ion:152 Resp: 615482

Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.2

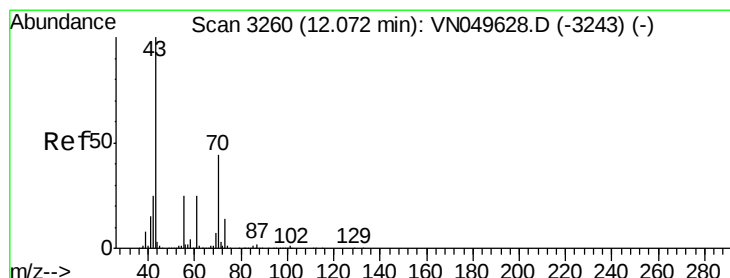
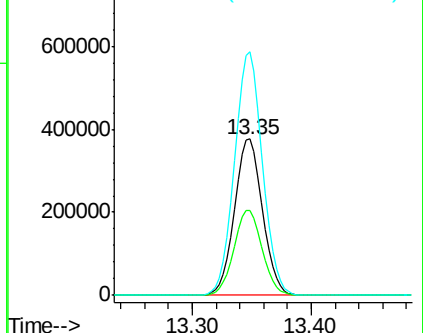
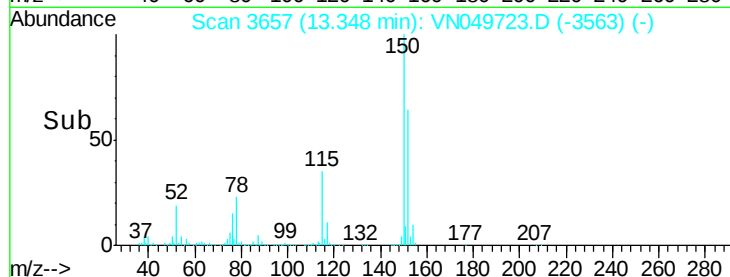
150 154.9 0.0 347.6



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



#74

N-ethyl acetate

Concen: 0.25 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

Tgt Ion: 43 Resp: 3290

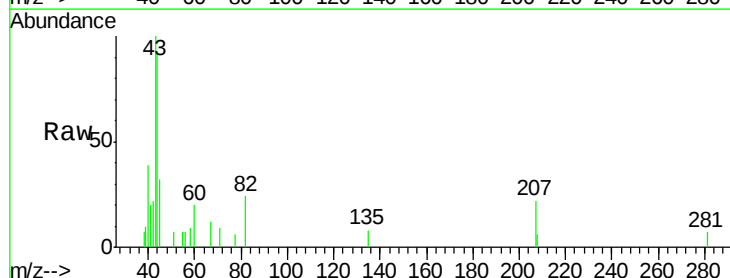
Ion Ratio Lower Upper

43 100

70 0.0 34.8 52.2#

55 16.0 20.9 31.3#

61 4.0 19.9 29.9#

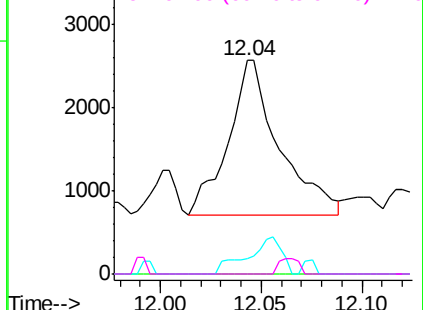
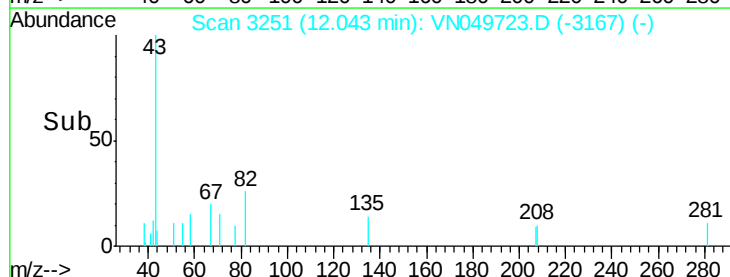


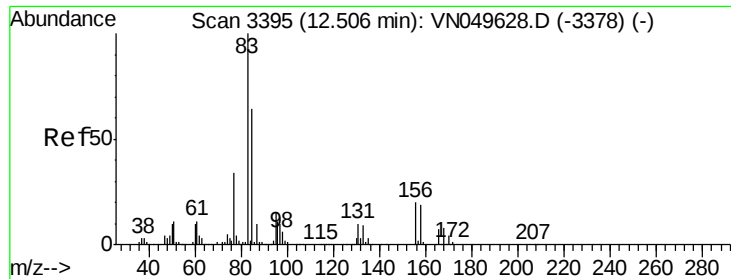
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.56 min Scan# 3411

Delta R.T. 0.05 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

Instrument :

MSVOA_N

ClientSampled :

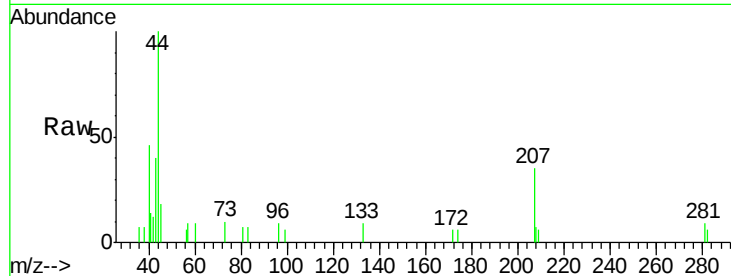
Tot Ion: 83 Resp: 98

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

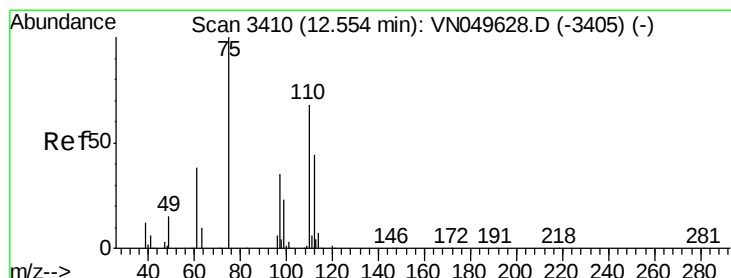
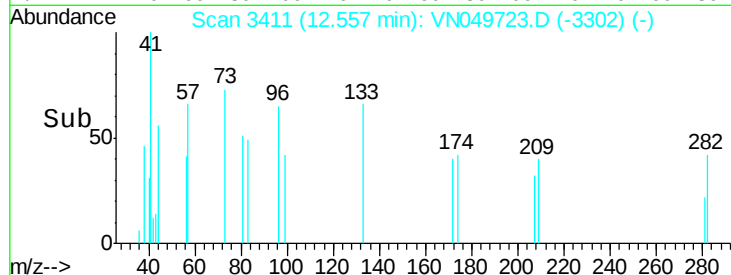
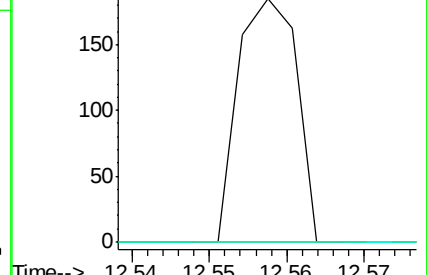
85 0.0 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): 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: 37.15 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049723.D

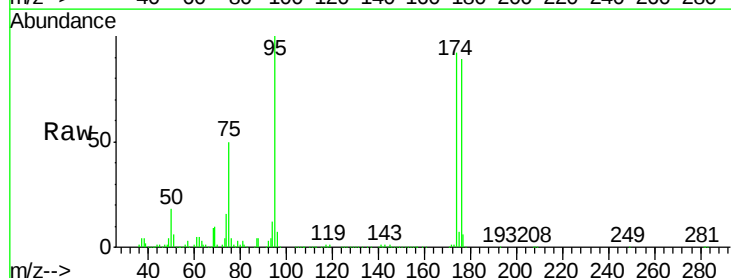
Acq: 5 Jul 2018 19:34

Tgt Ion: 75 Resp: 366669

Ion Ratio Lower Upper

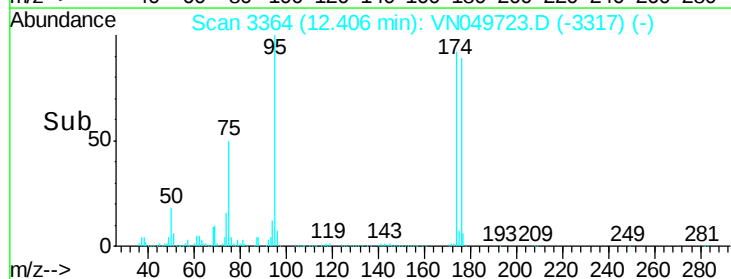
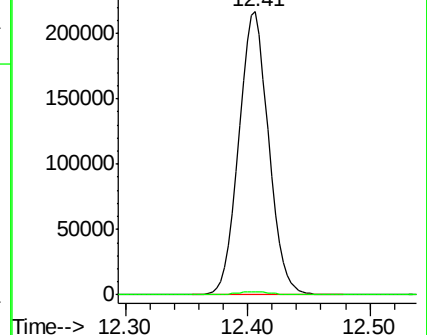
75 100

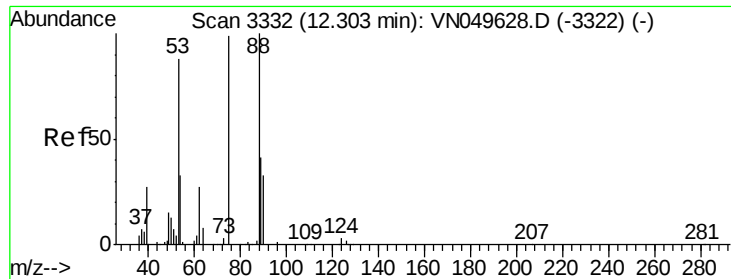
77 1.3 0.0 0.0#



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: 126.16 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

Instrument :

MSVOA_N

ClientSampled :

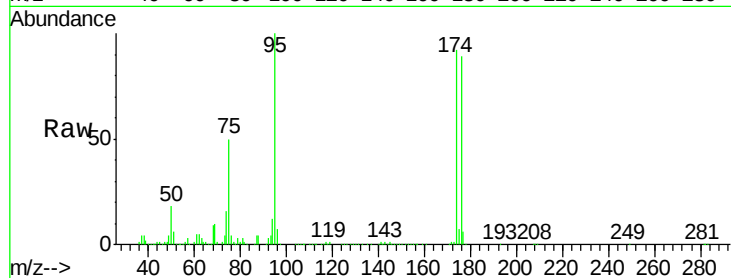
Tot Ion: 75 Resp: 366669

Ion Ratio Lower Upper

75 100

53 0.3 73.9 110.9#

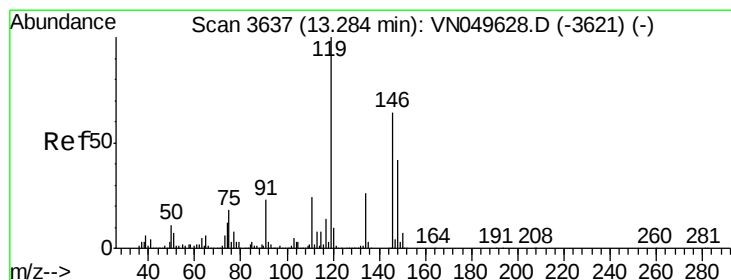
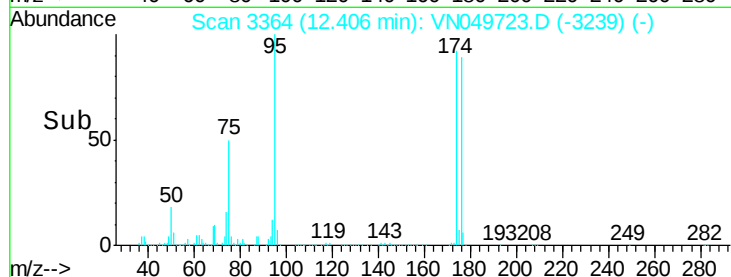
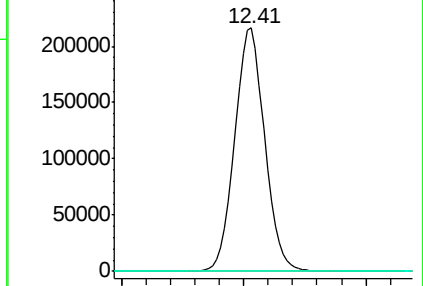
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN049723.D (-3364) (-)

Ion 53.00 (52.70 to 53.70): VN049723.D (-3364) (-)

Ion 88.90 (88.60 to 89.60): VN049723.D (-3364) (-)



#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3635

Delta R.T. -0.01 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

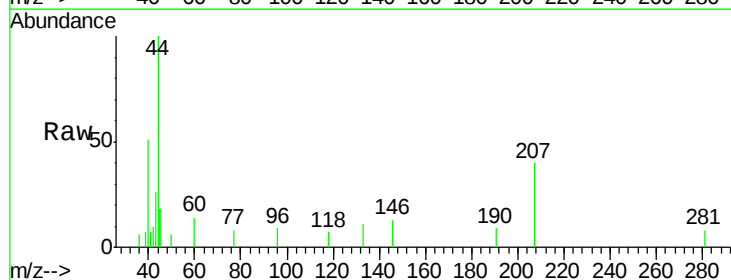
Tgt Ion: 146 Resp: 244

Ion Ratio Lower Upper

146 100

111 0.0 19.0 57.0#

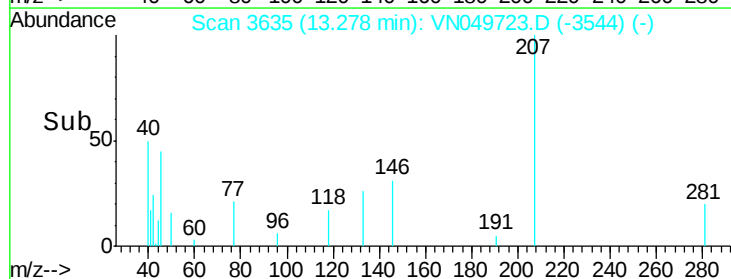
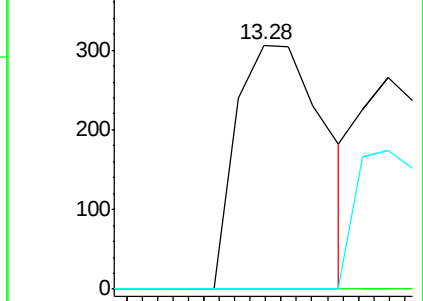
148 0.0 32.5 97.5#

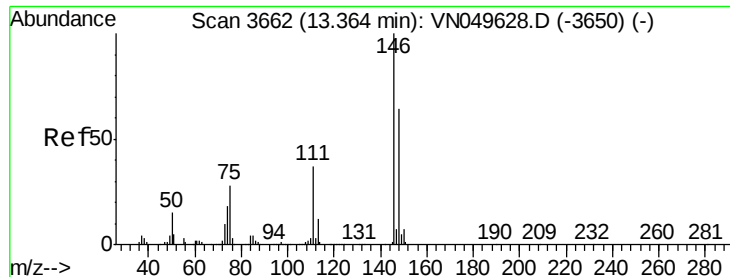


Abundance Ion 145.90 (145.60 to 146.60): VN049723.D (-3637) (-)

Ion 110.90 (110.60 to 111.60): VN049723.D (-3637) (-)

Ion 147.90 (147.60 to 148.60): VN049723.D (-3637) (-)





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.35 min Scan# 3657

Delta R.T. -0.02 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

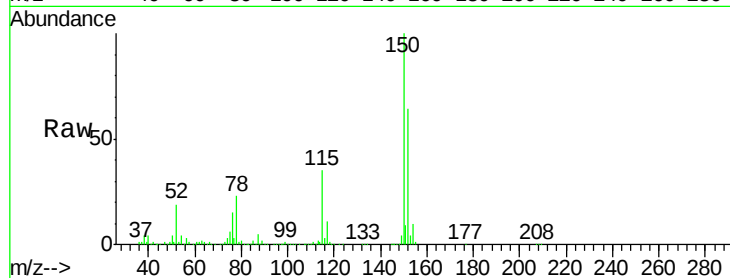
Tot Ion:146 Resp: 299

Ion Ratio Lower Upper

146 100

111 2682.6 18.9 56.5#

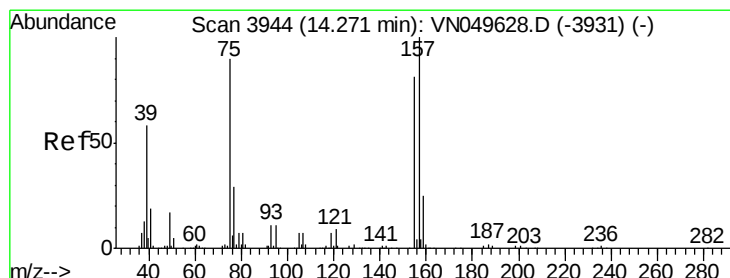
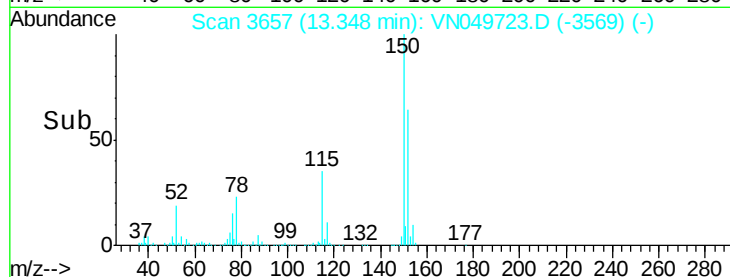
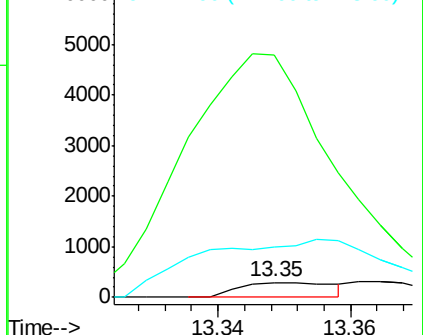
148 778.6 32.1 96.3#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN049723.D

Acq: 5 Jul 2018 19:34

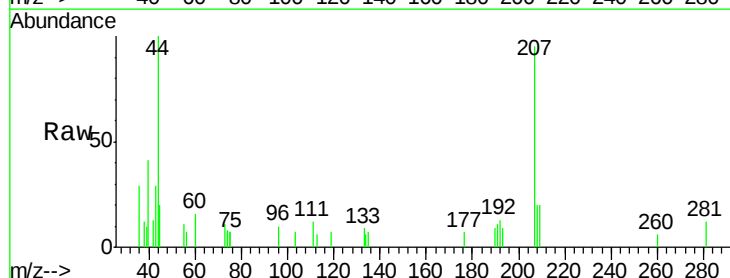
Tgt Ion: 75 Resp: 379

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

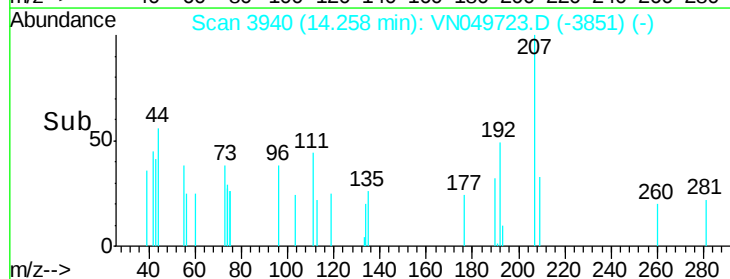
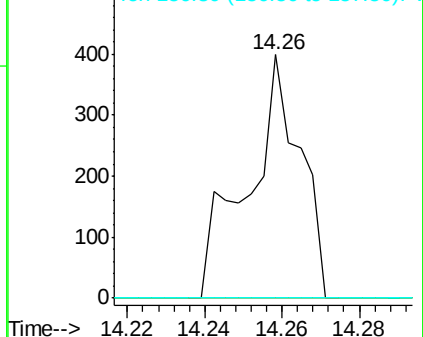
157 0.0 56.9 170.7#

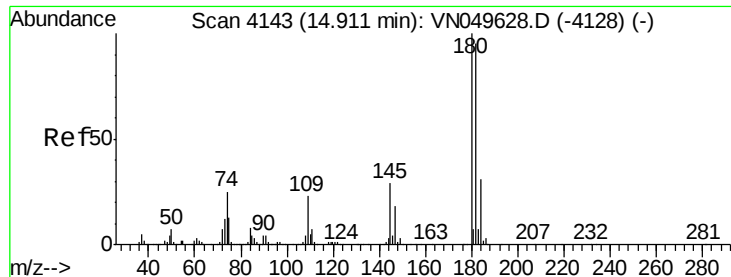


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

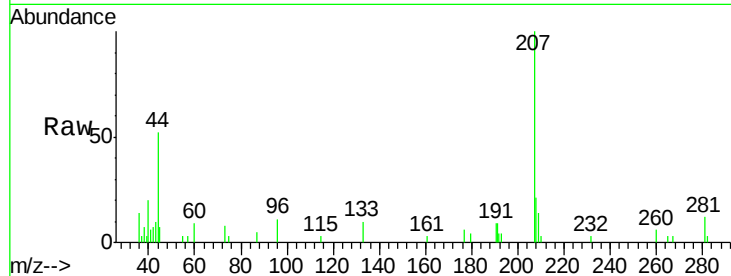




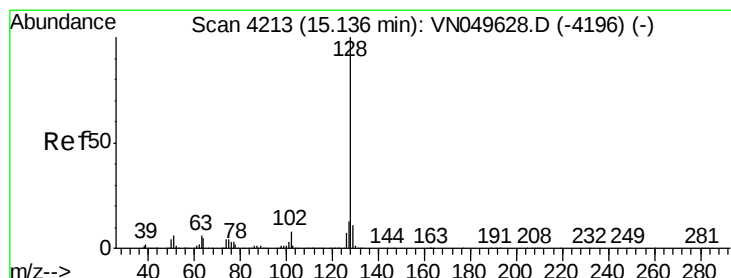
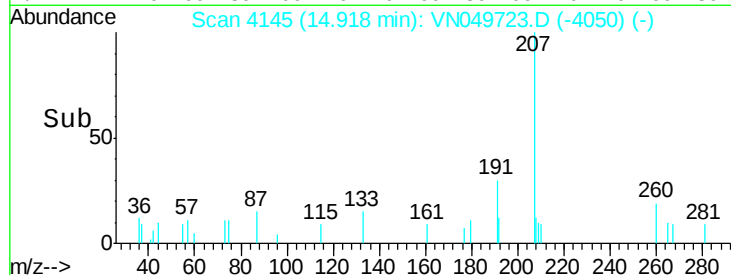
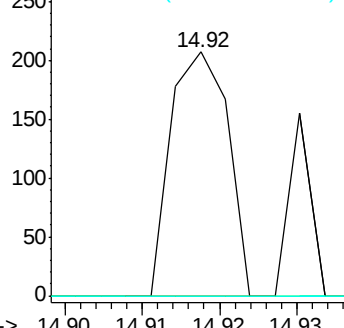
#93
 1,2,4-Trichlorobenzene
 Concen: 2.41 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.01 min
 Lab File: VN049723.D
 Acq: 5 Jul 2018 19:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 106
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 0.0 14.4 43.0#

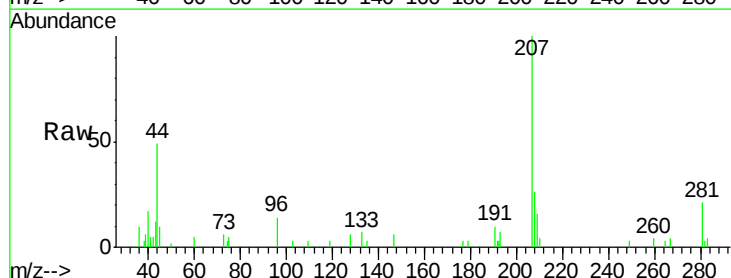


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

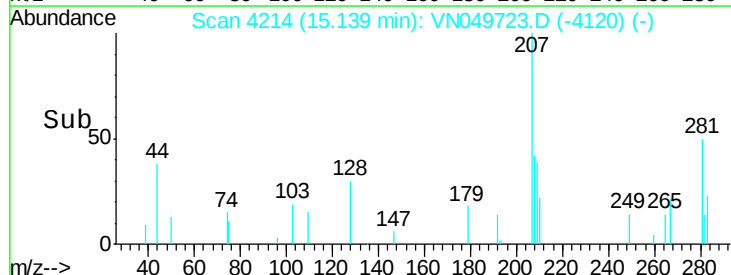
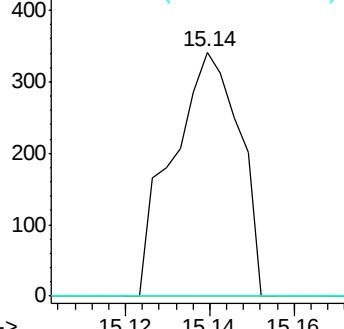


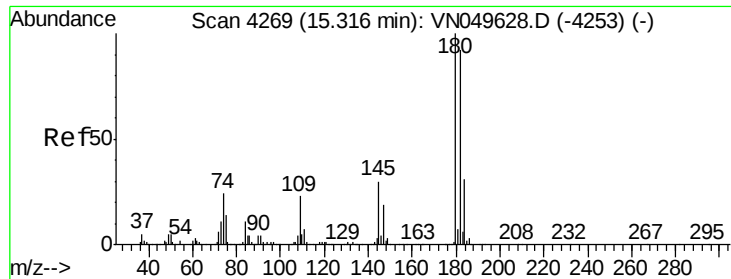
#95
 Naphthalene
 Concen: 4.05 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN049723.D
 Acq: 5 Jul 2018 19:34

Tgt Ion:128 Resp: 375
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 8.6 13.0#



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

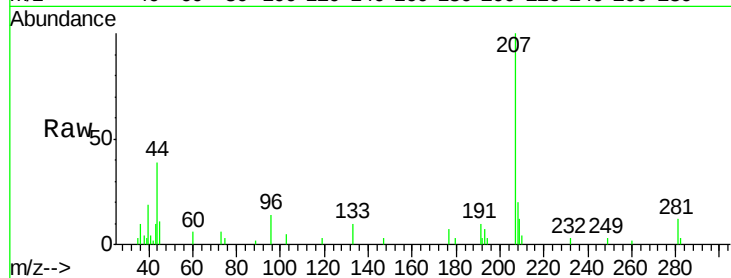




#96
 1,2,3-Trichlorobenzene
 Concen: 1.65 ug/l
 RT: 15.34 min Scan# 4276
 Delta R.T. 0.02 min
 Lab File: VN049723.D
 Acq: 5 Jul 2018 19:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.2#
145	0.0	15.2	45.6#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

