

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050053.D
 Acq On : 25 Jul 2018 19:45
 Operator : MD\SY
 Sample : PB111424TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424TB

Quant Time: Jul 26 06:56:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	633982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	864809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	274938	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	446070	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.60	113	394487	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	10.09	98	1396317	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
62) 4-Bromofluorobenzene	12.41	95	363565	36.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.42%	

Target Compounds

						Qvalue
5) Bromomethane	2.57	94	2096	Below Cal		84
13) Acrolein	3.63	56	171	0.33 ug/l		85
16) Acetone	3.83	43	25127	7.85 ug/l		95
17) Carbon Disulfide	4.06	76	7111	0.32 ug/l		99
18) Methyl Acetate	4.34	43	12037	Below Cal		97
20) Methylene Chloride	4.55	84	5634	Below Cal		88
25) 2-Butanone	6.86	43	6727	1.99 ug/l		97
29) Tetrahydrofuran	7.22	42	1027	0.47 ug/l	#	79
31) Cyclohexane	7.67	56	11653	0.89 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	45578	3.98 ug/l	#	49
38) Carbon Tetrachloride	7.67	117	57233	4.71 ug/l	#	16
41) Methacrylonitrile	7.20	41	252	2.81 ug/l	#	25
43) Isopropyl Acetate	8.17	43	252440	16.01 ug/l		99
48) Methyl methacrylate	9.19	41	9311	1.35 ug/l	#	21
51) 4-Methyl-2-Pentanone	9.99	43	4221	0.54 ug/l		99
56) Ethyl methacrylate	10.44	69	307	2.06 ug/l	#	26
58) 2-Chloroethyl Vinyl ether	9.71	63	65	8.54 ug/l	#	48
59) 2-Hexanone	10.77	43	22091	8.93 ug/l		63
70) Styrene	11.97	104	1495	0.99 ug/l		91
71) Bromoform	12.41	173	3165	0.52 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	422	Below Cal	#	59
76) 1,2,3-Trichloropropane	12.40	75	178753	34.98 ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.74	105	4756	0.28 ug/l		92
81) trans-1,4-Dichloro-2-buten	12.40	75	178753	110.96 ug/l	#	13
82) 4-Chlorotoluene	12.78	91	3023	0.21 ug/l		96
87) 1,3-Dichlorobenzene	13.29	146	2835	0.28 ug/l		94
88) 1,4-Dichlorobenzene	13.29	146	2835	0.29 ug/l		95
91) 1,2-Dichlorobenzene	13.66	146	2521	0.25 ug/l		91
92) 1,2-Dibromo-3-Chloropropan	14.26	75	225	Below Cal	#	40
93) 1,2,4-Trichlorobenzene	14.92	180	3441	3.69 ug/l		89
94) Hexachlorobutadiene	15.02	225	1189	0.39 ug/l		82
95) Naphthalene	15.14	128	10000	5.14 ug/l		96
96) 1,2,3-Trichlorobenzene	15.32	180	3641	2.88 ug/l		96

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Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration

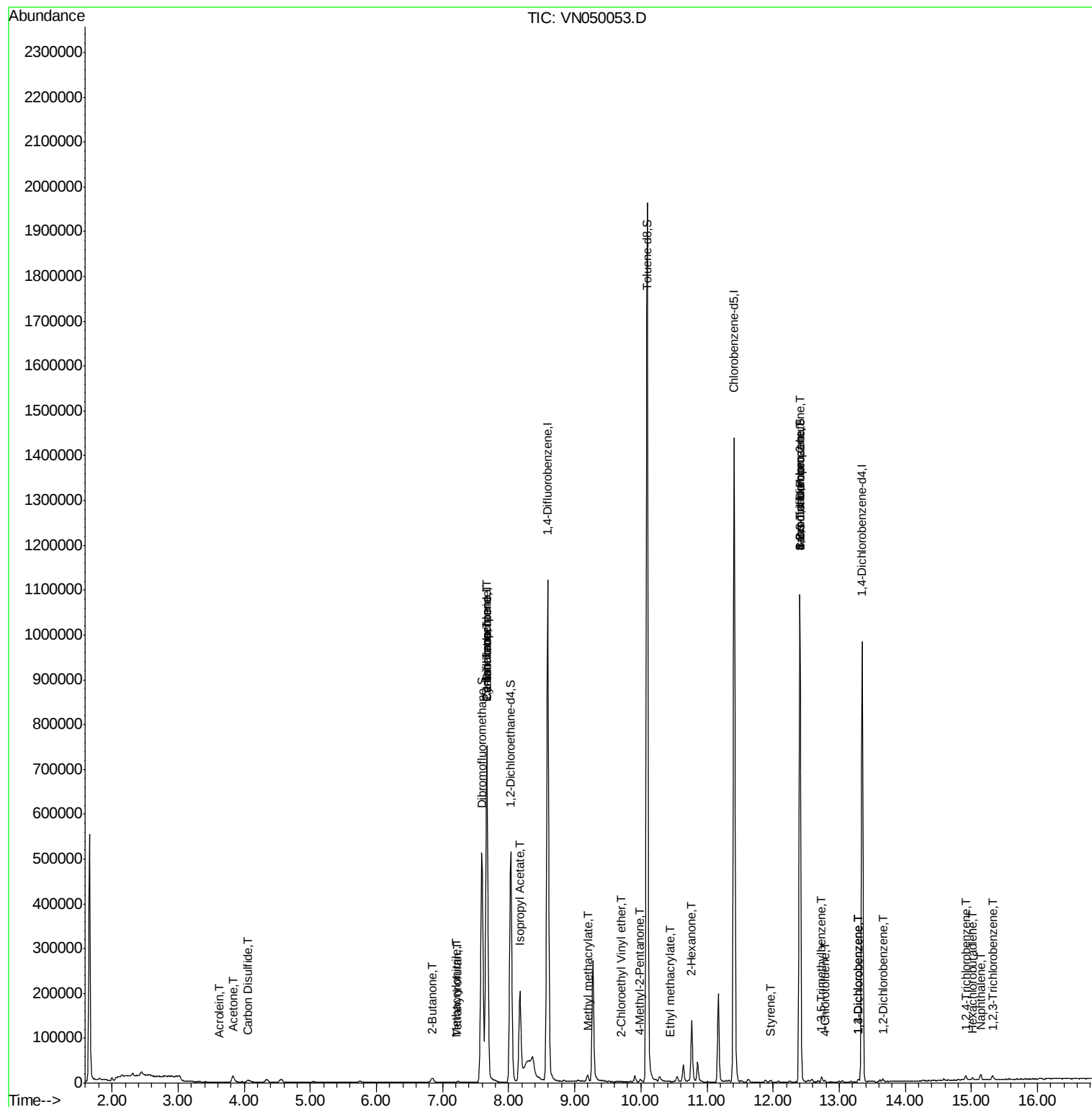
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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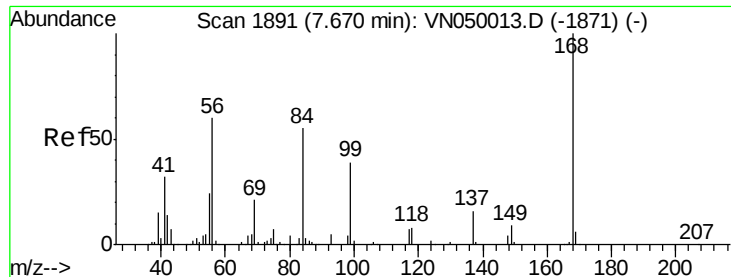
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072518\
Data File : VN050053.D
Acq On : 25 Jul 2018 19:45
Operator : MD\SY
Sample : PB111424TB
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
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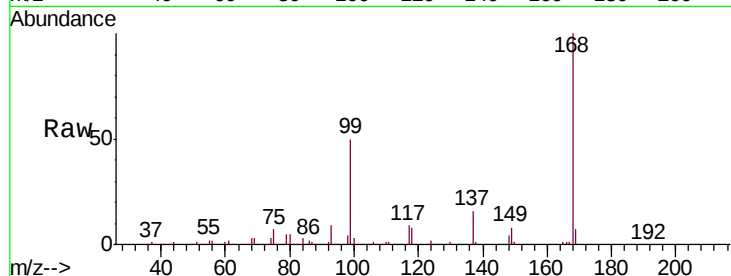




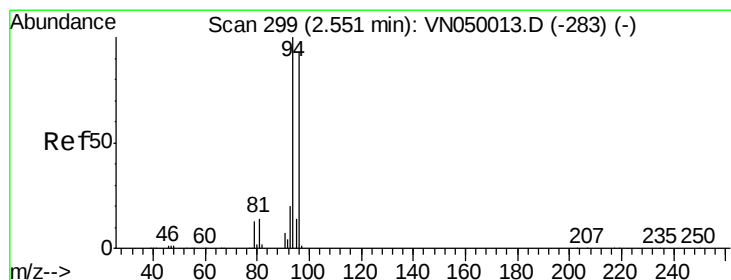
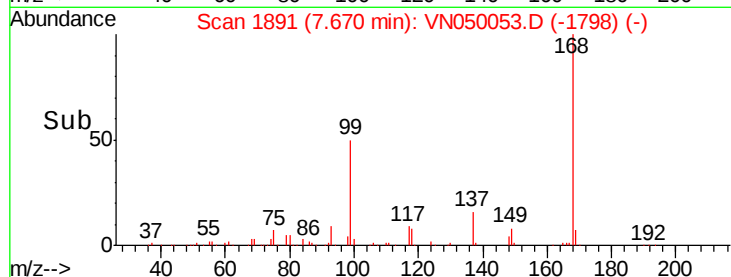
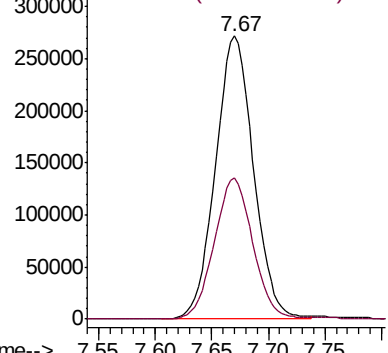
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB111424TB

Tot Ion:168 Resp: 633982
Ion Ratio Lower Upper
168 100
99 49.8 40.0 60.0

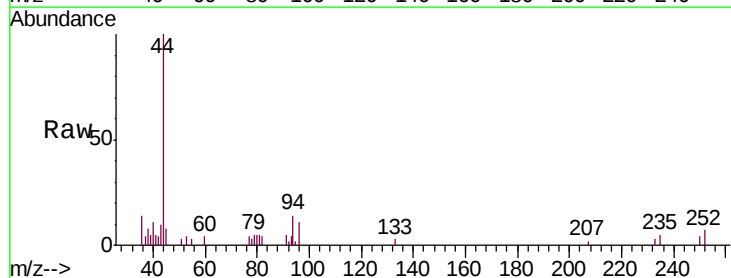


Abundance Ion 167.90 (167.60 to 168.60): VN050013.D (-1871) (-)
Ion 98.90 (98.60 to 99.60): VN050013.D (-1871) (-)

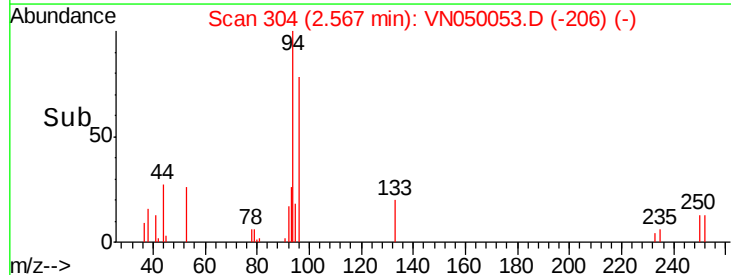
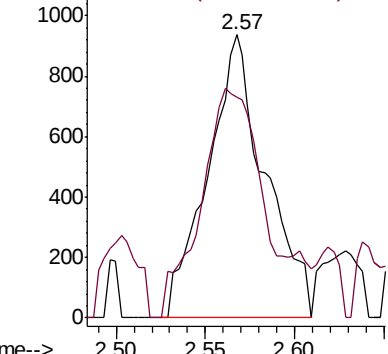


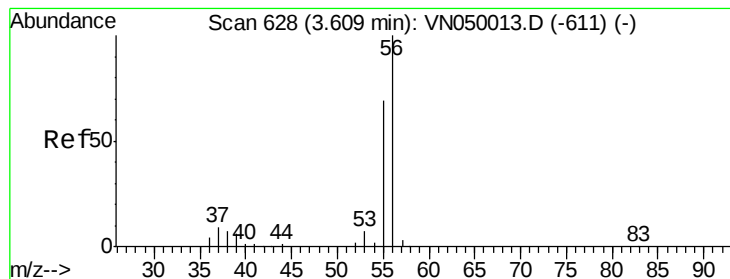
#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 304
Delta R.T. 0.02 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Tgt Ion: 94 Resp: 2096
Ion Ratio Lower Upper
94 100
96 78.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050013.D (-283) (-)
Ion 95.90 (95.60 to 96.60): VN050013.D (-283) (-)





#13

Acrolein

Concen: 0.33 ug/l

RT: 3.63 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

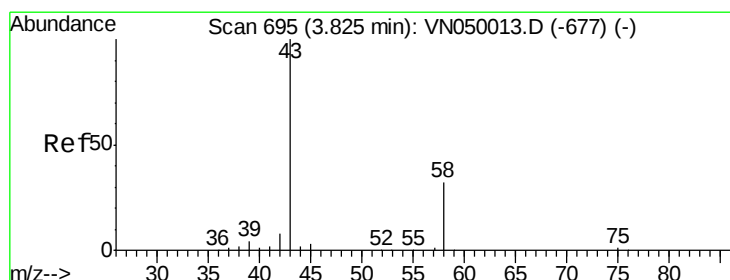
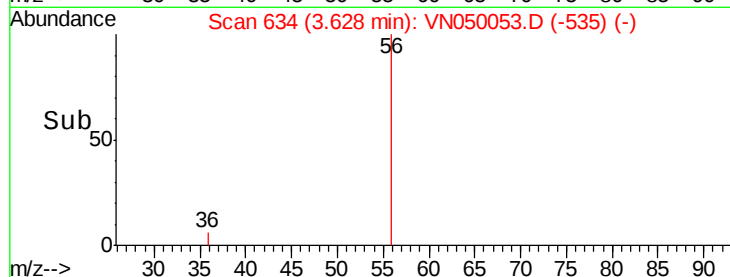
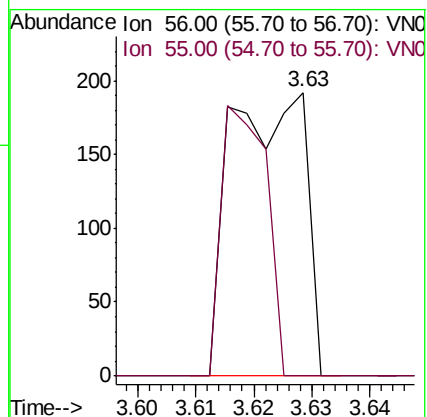
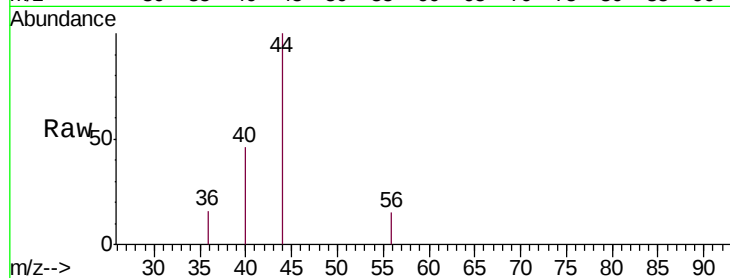
PB111424TB

Tot Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 57.3 55.8 83.6



#16

Acetone

Concen: 7.85 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050053.D

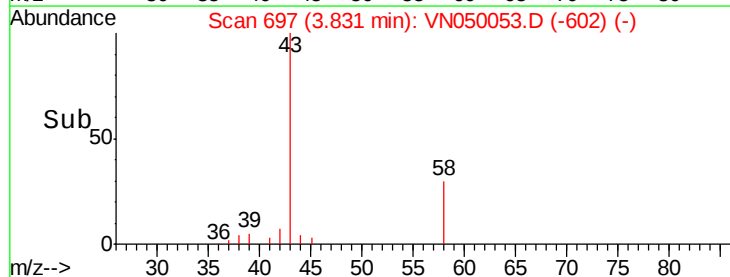
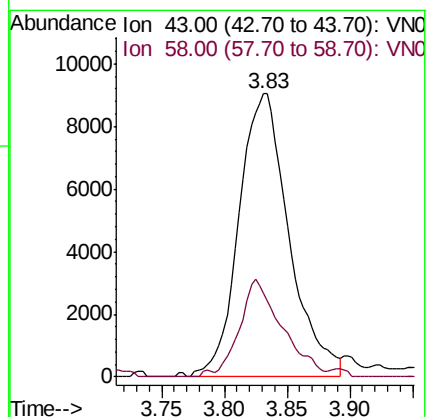
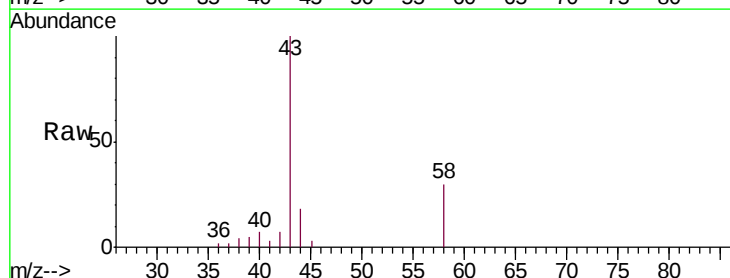
Acq: 25 Jul 2018 19:45

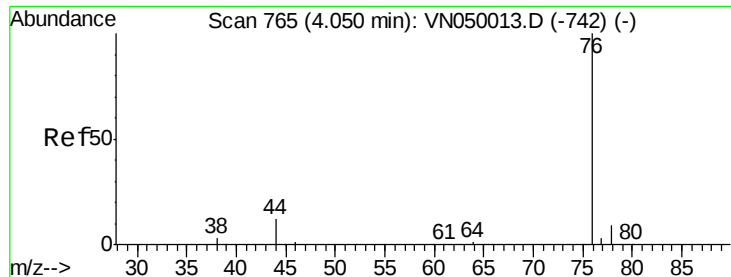
Tgt Ion: 43 Resp: 25127

Ion Ratio Lower Upper

43 100

58 29.6 25.8 38.8

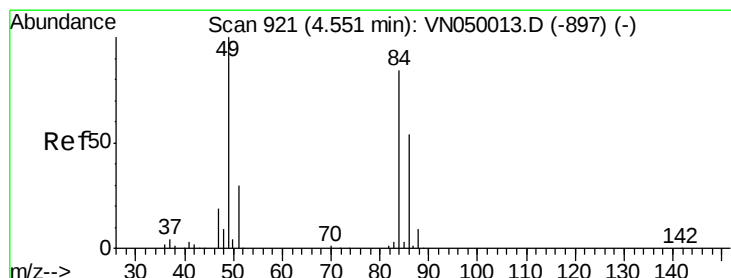
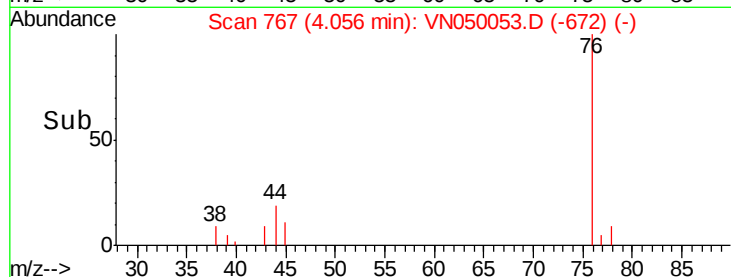
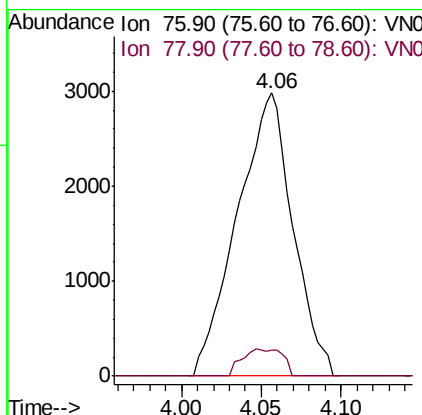
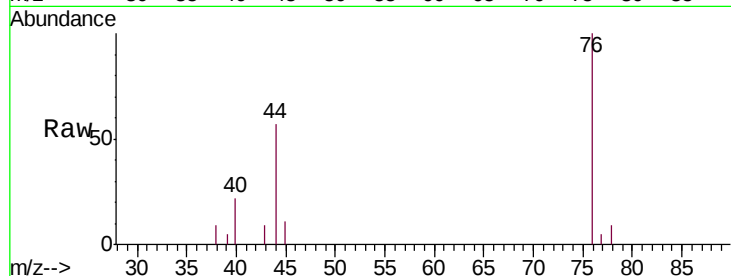




#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 4.06 min Scan# 767
Delta R.T. 0.01 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

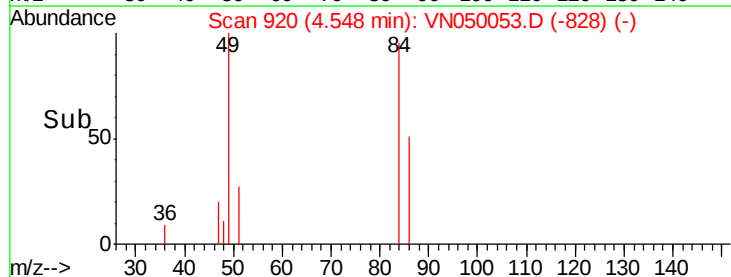
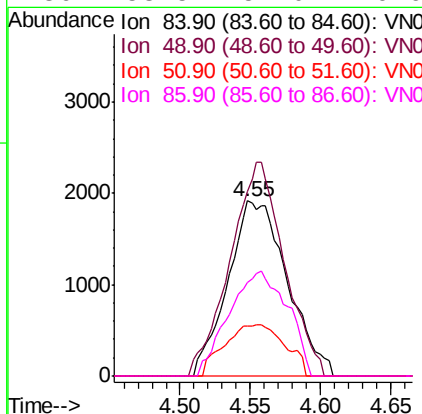
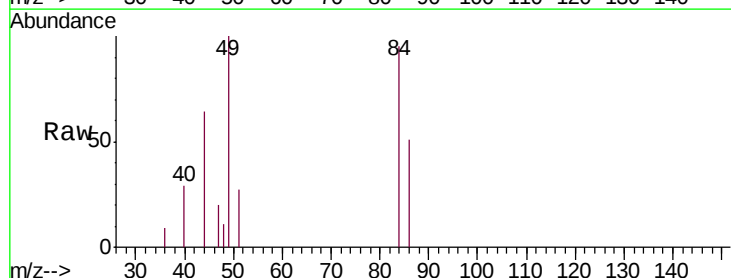
Instrument :
MSVOA_N
ClientSampleId :
PB111424TB

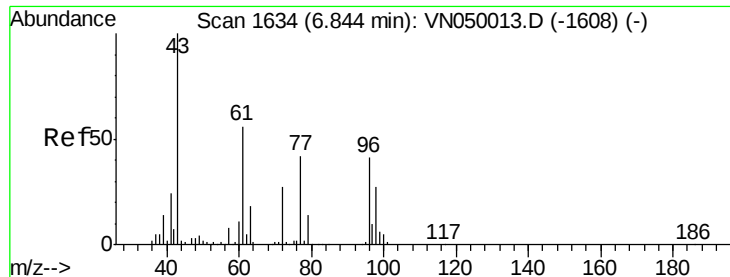
Tot Ion: 76 Resp: 7111
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Tgt Ion: 84 Resp: 5634
Ion Ratio Lower Upper
84 100
49 105.4 94.8 142.2
51 28.6 28.3 42.5
86 53.5 51.0 76.6





#25

2-Butanone

Concen: 1.99 ug/l

RT: 6.86 min Scan# 1639

Delta R.T. 0.02 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

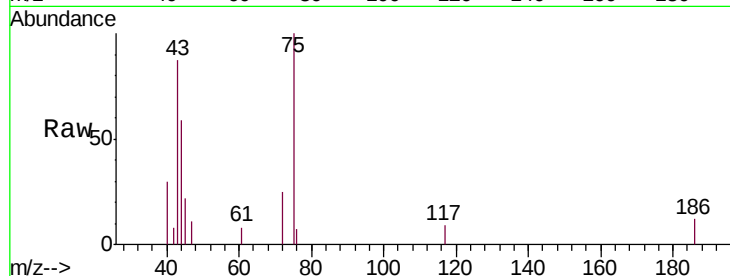
PB111424TB

Tot Ion: 43 Resp: 6727

Ion Ratio Lower Upper

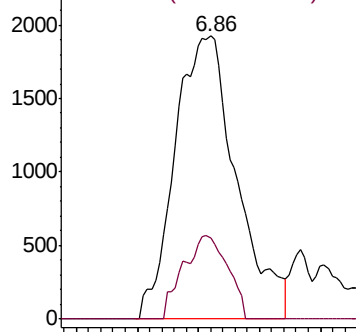
43 100

72 28.7 21.5 32.3

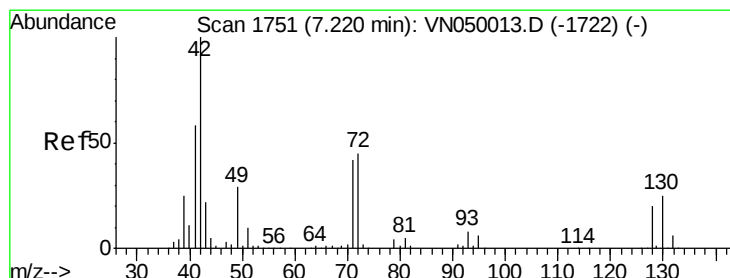
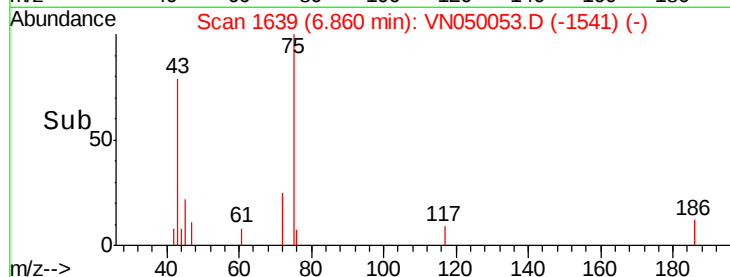


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#29

Tetrahydrofuran

Concen: 0.47 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

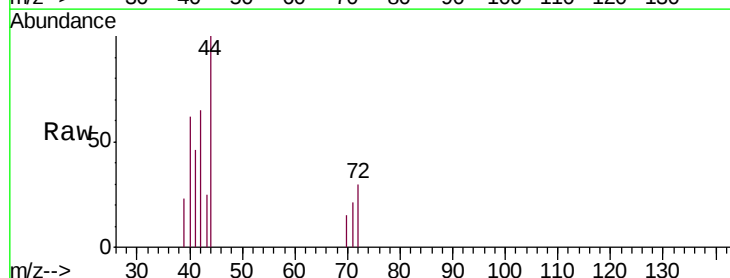
Tgt Ion: 42 Resp: 1027

Ion Ratio Lower Upper

42 100

72 53.2 35.9 53.9

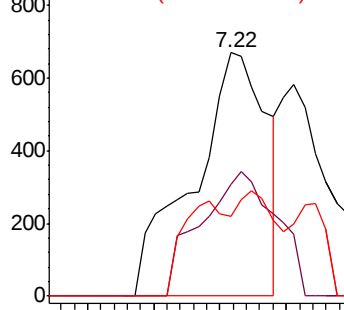
71 22.8 33.7 50.5#



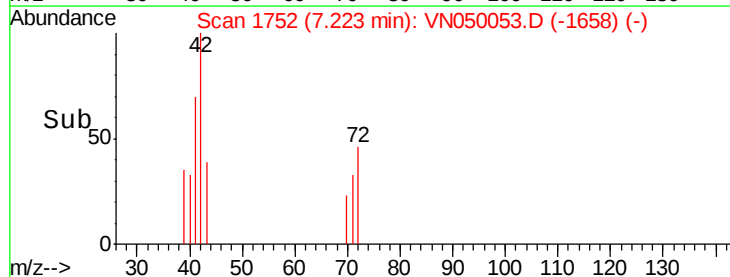
Abundance Ion 42.00 (41.70 to 42.70): VN0

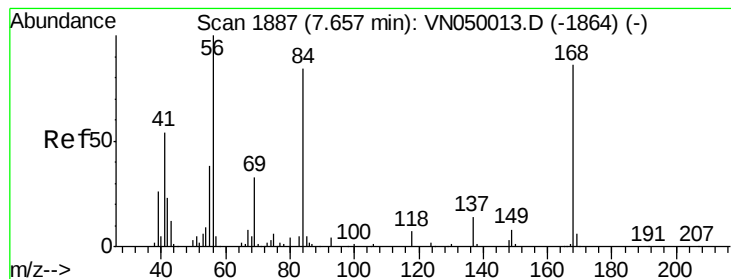
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->





#31

Cyclohexane

Concen: 0.89 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB111424TB

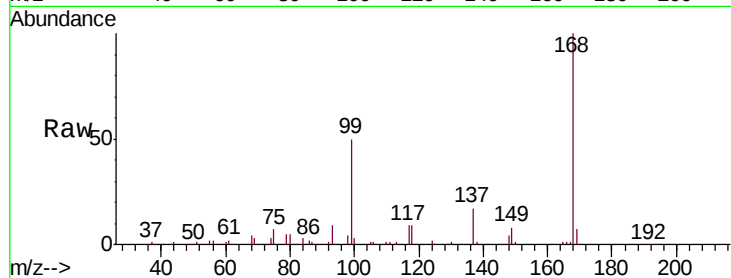
Tot Ion: 56 Resp: 11653

Ion Ratio Lower Upper

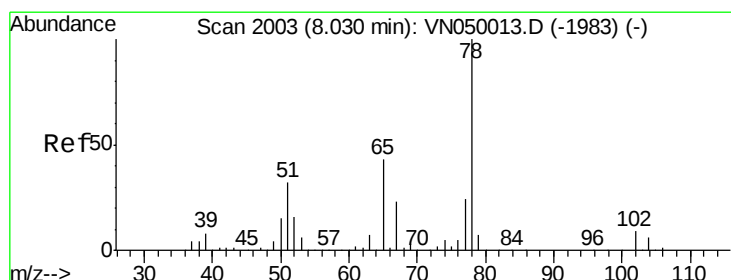
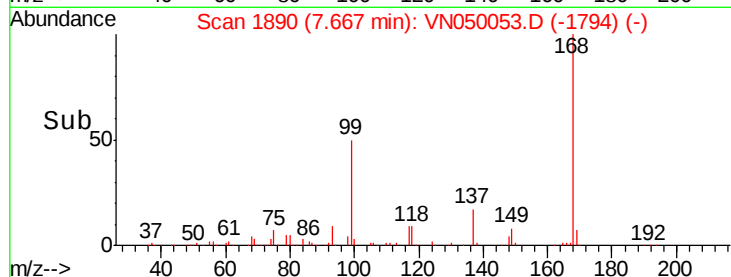
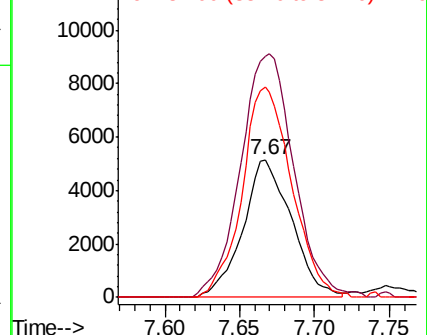
56 100

69 174.7 26.2 39.4#

84 152.4 67.4 101.0#



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: 50.43 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050053.D

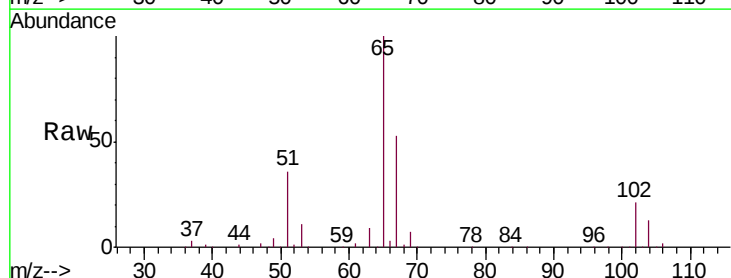
Acq: 25 Jul 2018 19:45

Tgt Ion: 65 Resp: 446070

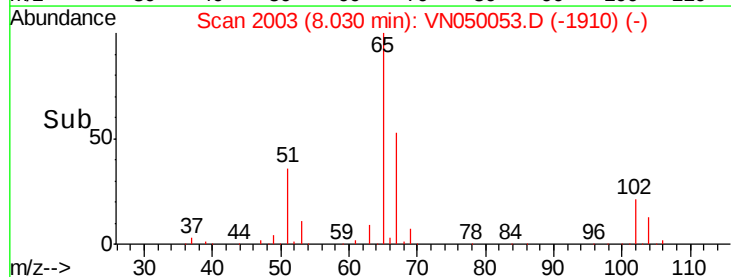
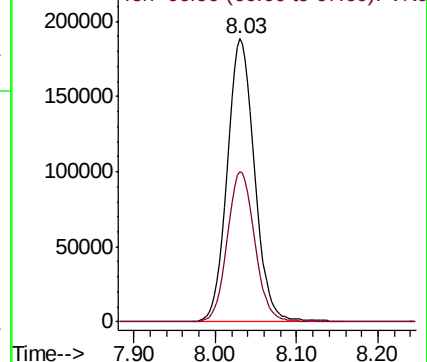
Ion Ratio Lower Upper

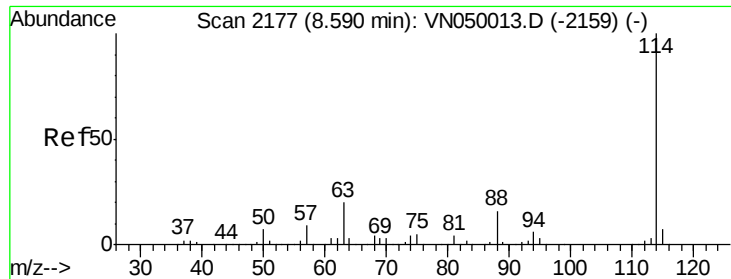
65 100

67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

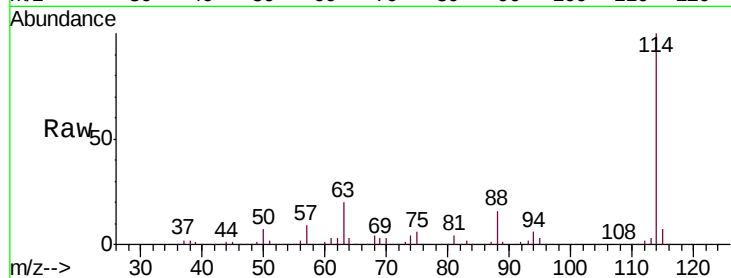




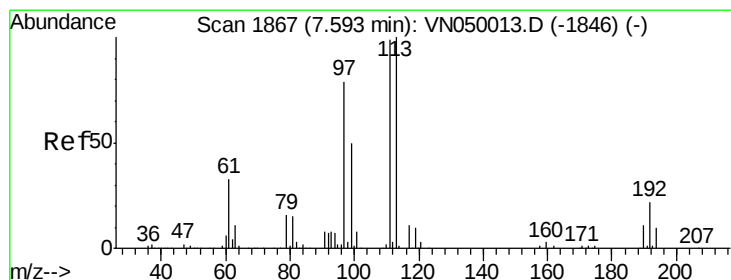
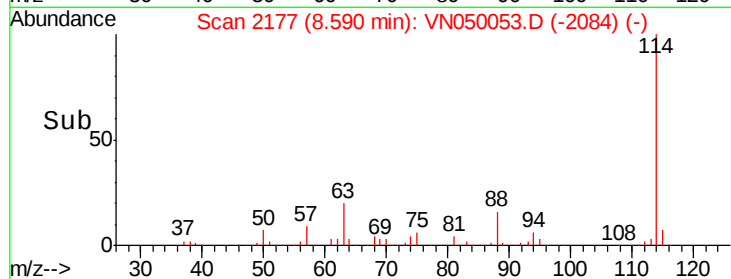
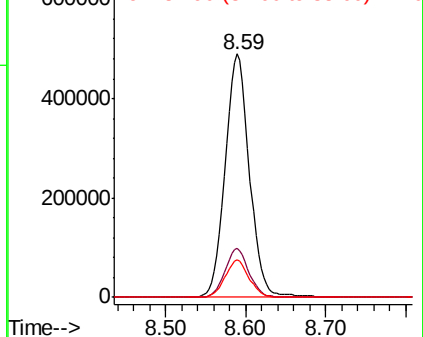
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB111424TB

Tot Ion:114 Resp: 1015899
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.6 0.0 31.2

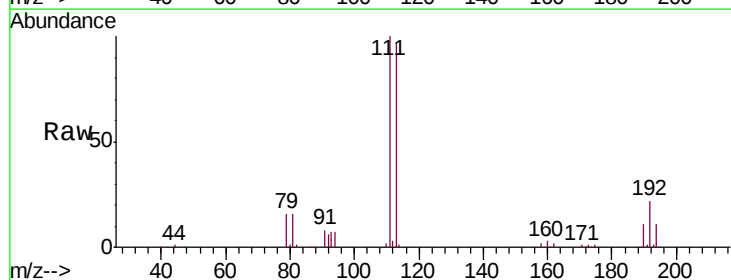


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

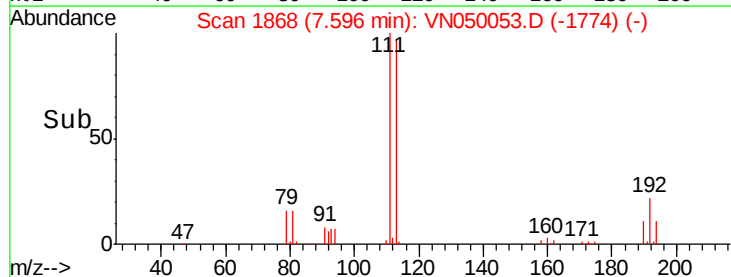
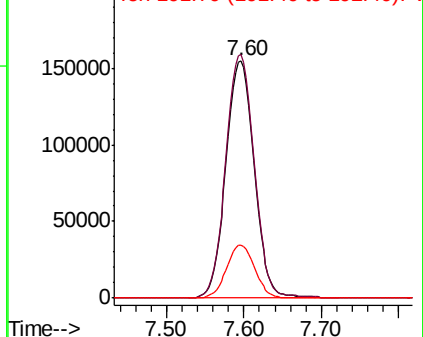


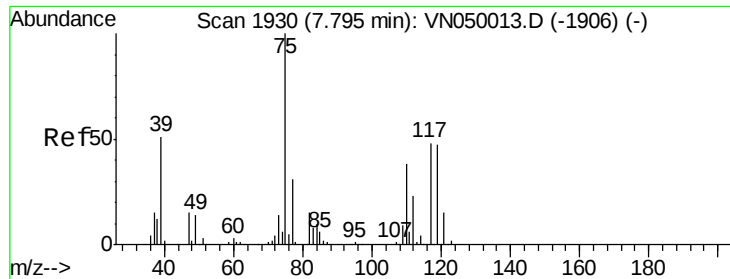
#35
Dibromofluoromethane
Concen: 47.56 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Tgt Ion:113 Resp: 394487
Ion Ratio Lower Upper
113 100
111 103.2 80.7 121.1
192 22.2 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

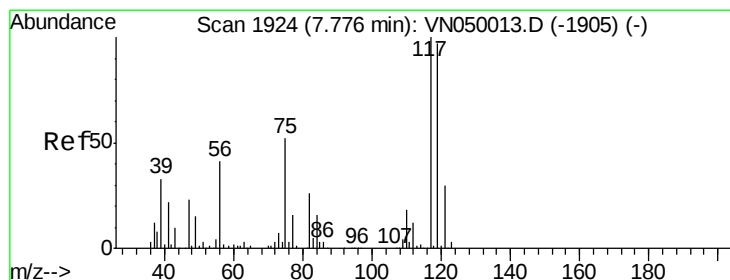
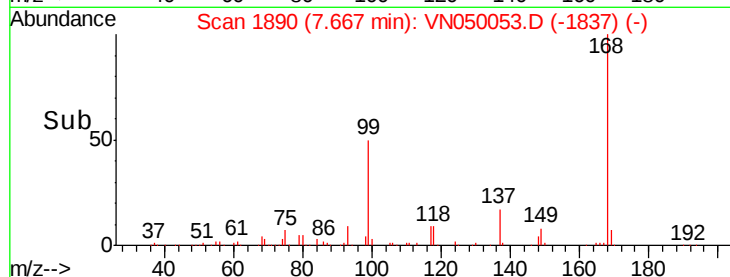
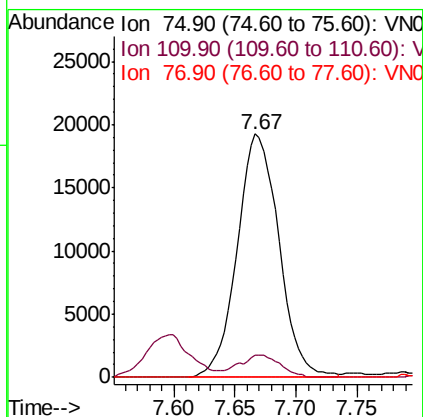
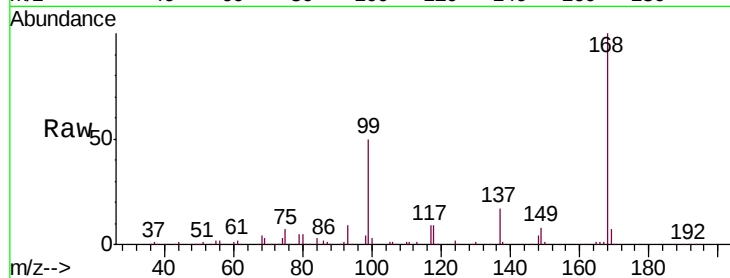




#36
 1,1-Dichloropropene
 Concen: 3.98 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

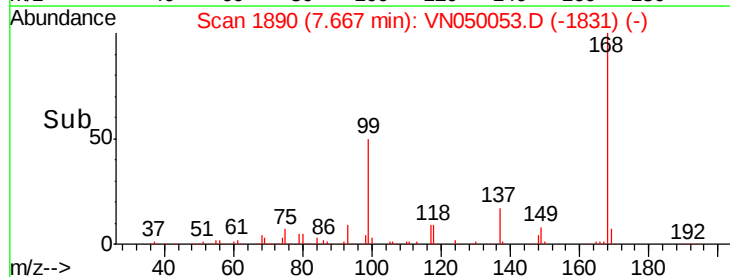
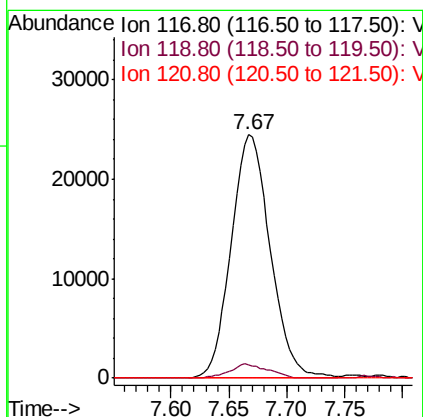
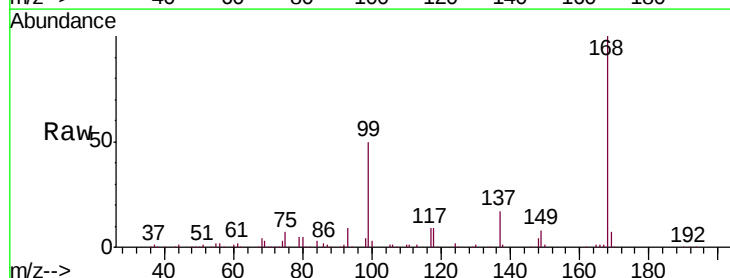
Instrument :
 MSVOA_N
 ClientSampled :
 PB111424TB

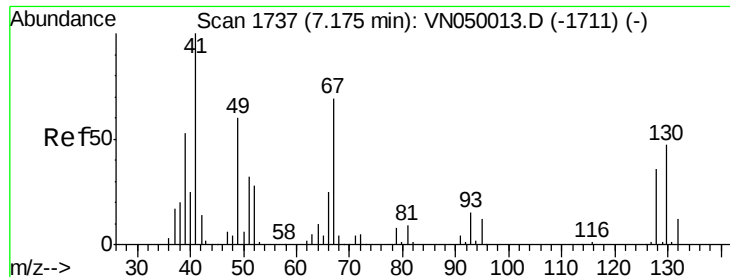
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.71 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.4	116.0#
121	0.0	23.9	35.9#





#41

Methacrylonitrile

Concen: 2.81 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.02 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB111424TB

Tot Ion: 41 Resp: 252

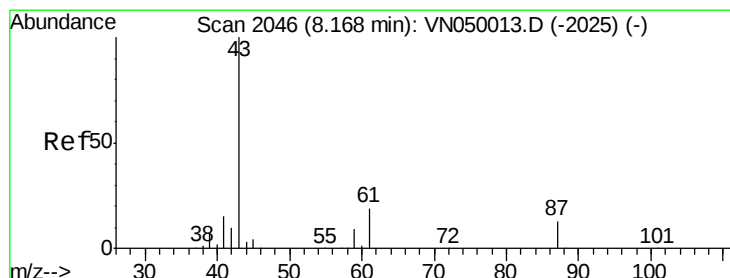
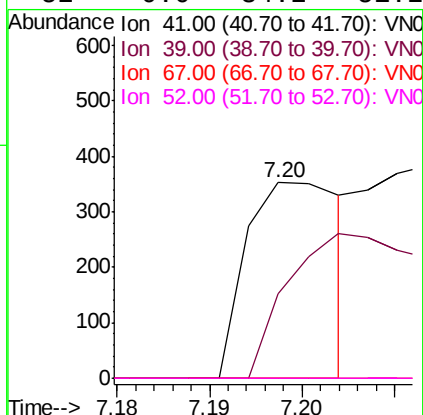
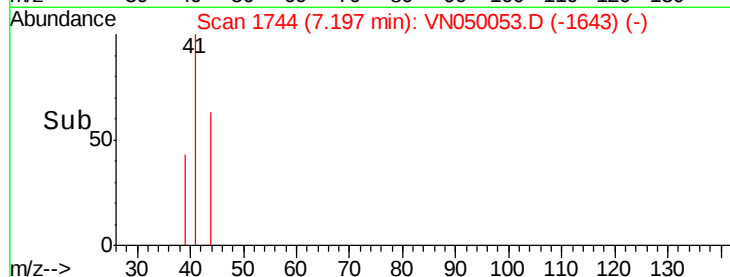
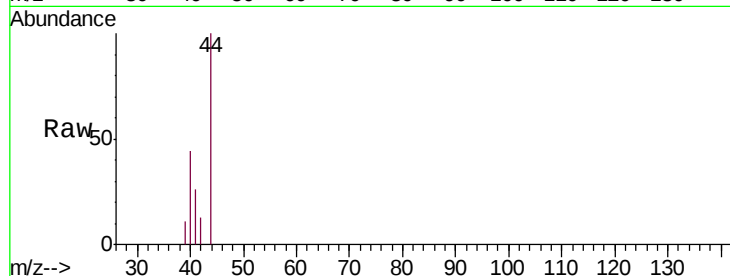
Ion Ratio Lower Upper

41 100

39 102.4 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#



#43

Isopropyl Acetate

Concen: 16.01 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

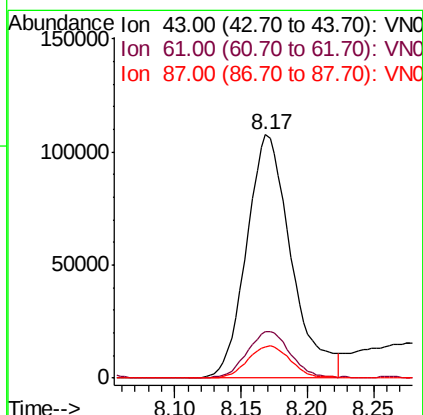
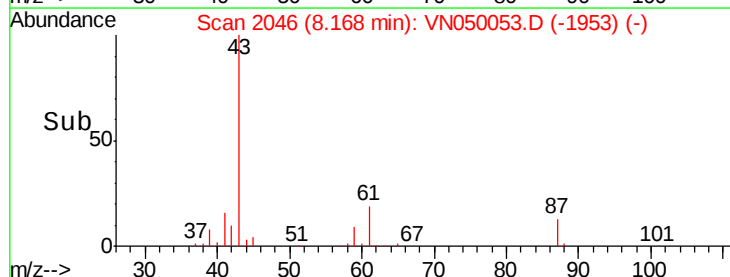
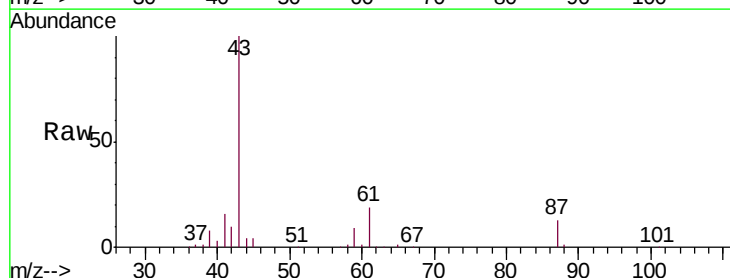
Tgt Ion: 43 Resp: 252440

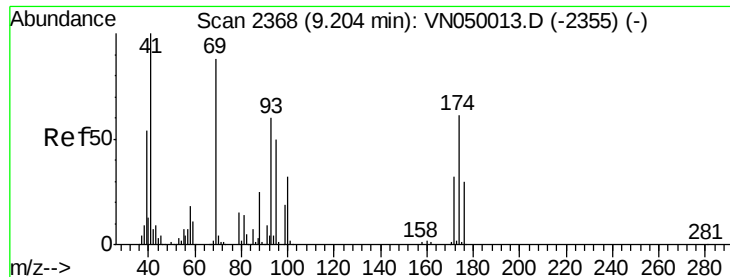
Ion Ratio Lower Upper

43 100

61 18.7 15.8 23.6

87 12.8 10.3 15.5

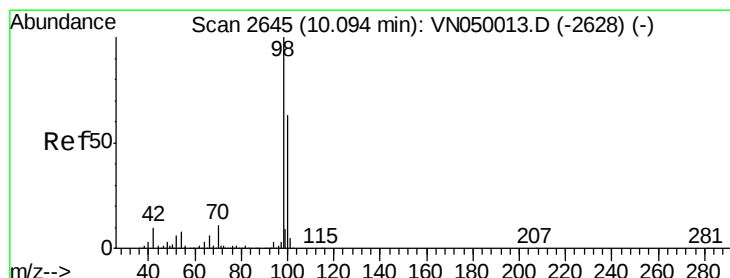
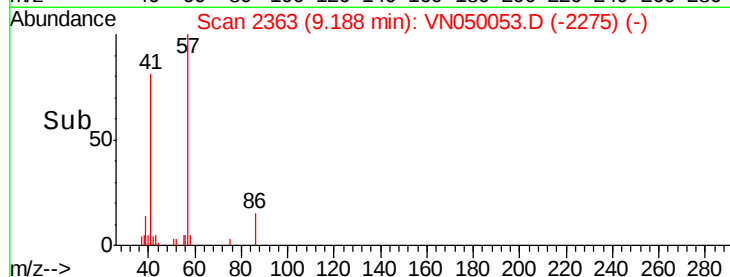
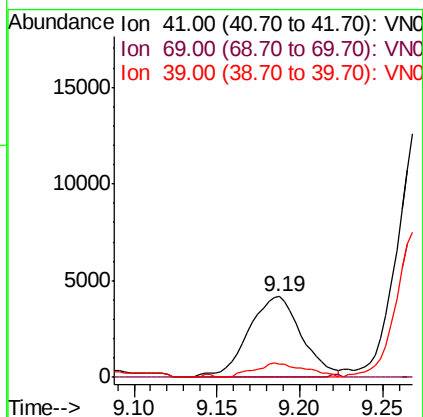
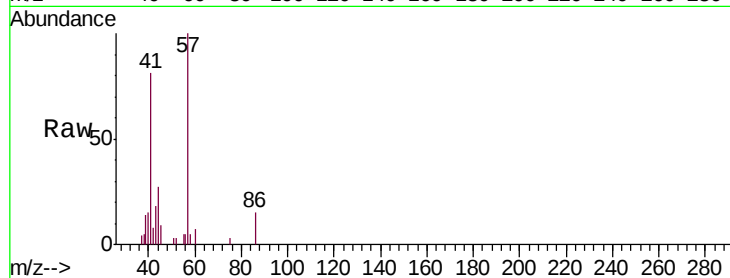




#48
Methvl methacrvlate
Concen: 1.35 ug/l
RT: 9.19 min Scan# 2363
Delta R.T. -0.02 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

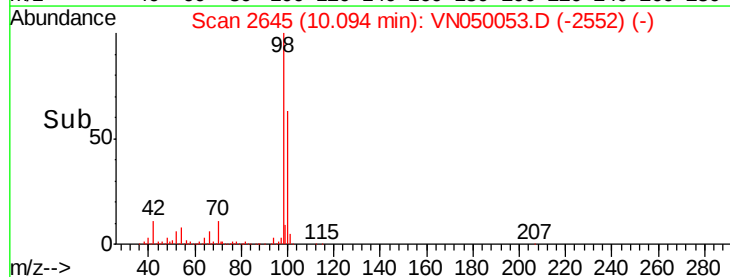
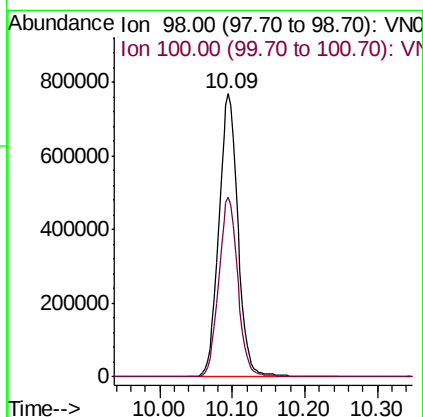
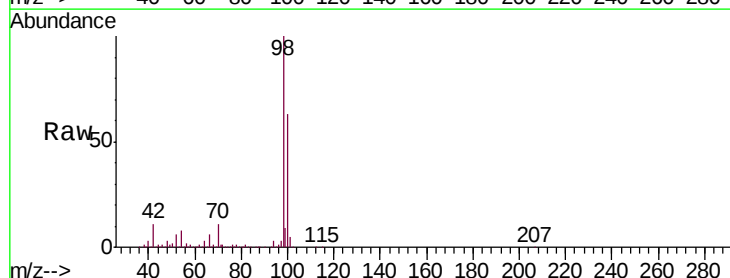
Instrument :
MSVOA_N
ClientSampleId :
PB111424TB

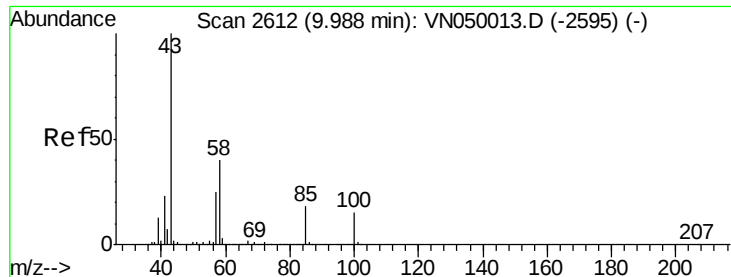
Tot Ion: 41 Resp: 9311
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 16.9 43.9 65.9#



#50
Toluene-d8
Concen: 45.79 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Tgt Ion: 98 Resp: 1396317
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1

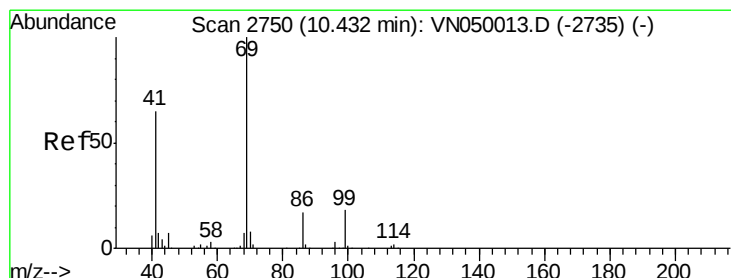
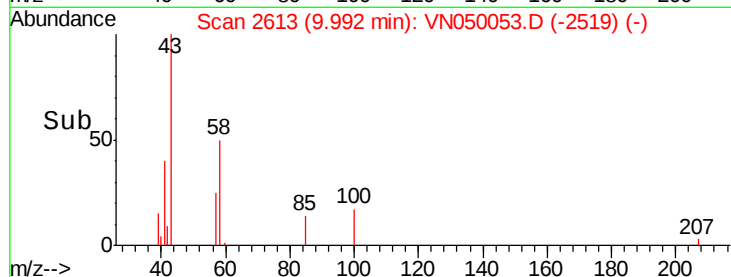
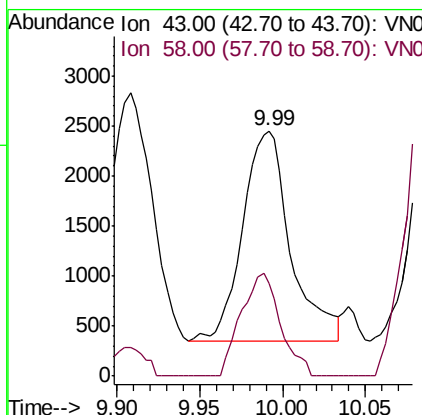
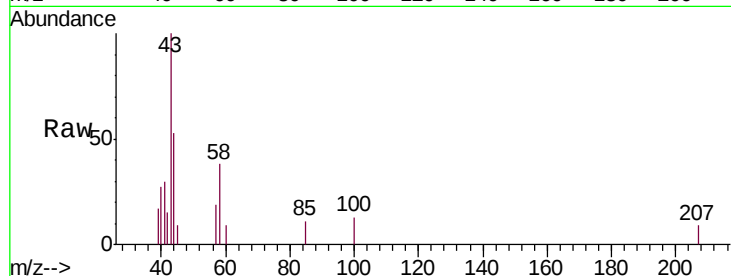




#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

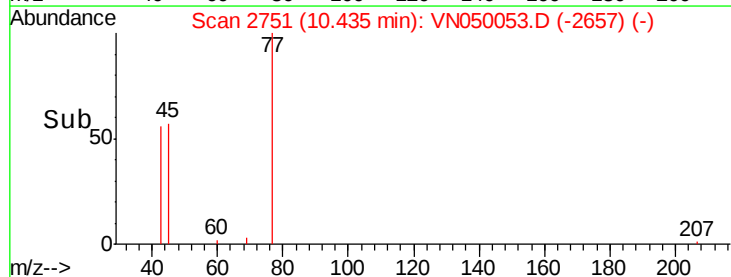
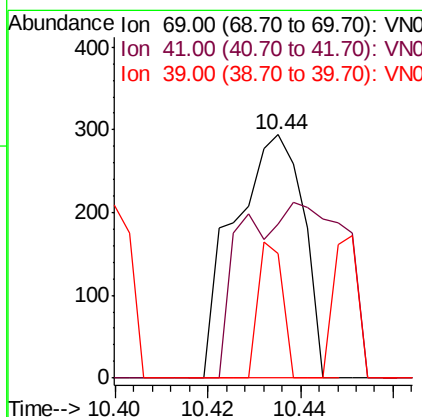
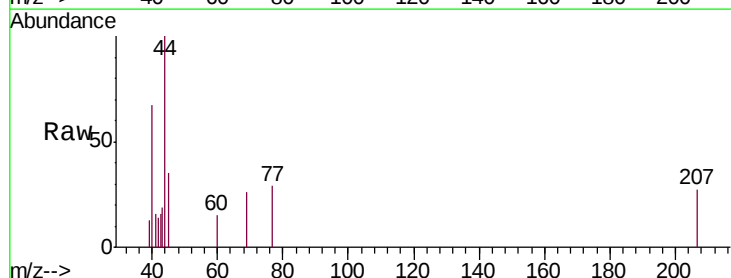
Instrument :
MSVOA_N
ClientSampleId :
PB111424TB

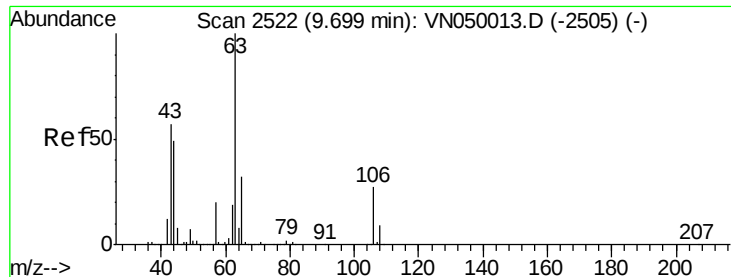
Tot Ion: 43 Resp: 4221
Ion Ratio Lower Upper
43 100
58 40.3 31.9 47.9



#56
Ethyl methacrylate
Concen: 2.06 ug/l
RT: 10.44 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Tgt Ion: 69 Resp: 307
Ion Ratio Lower Upper
69 100
41 0.0 51.0 76.4#
39 0.0 26.6 40.0#

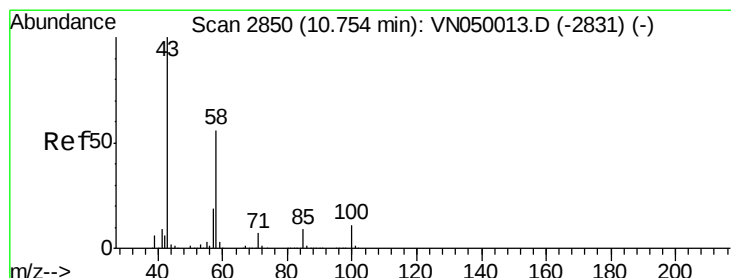
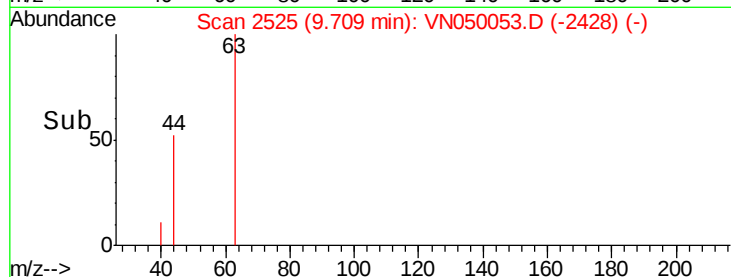
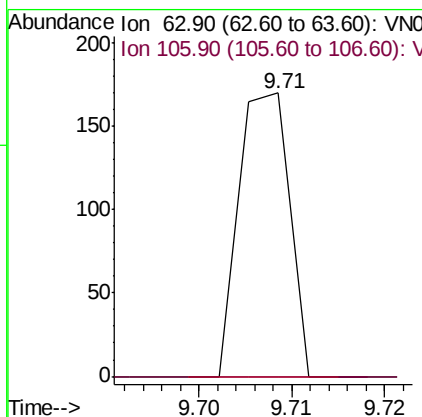
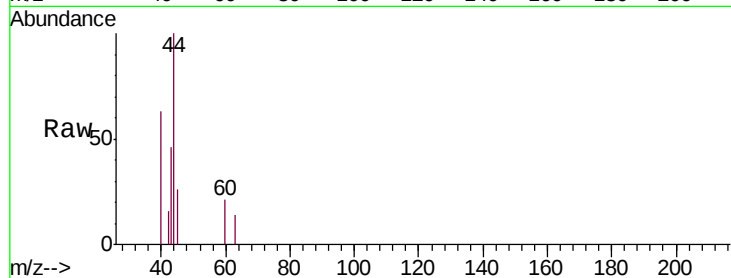




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.54 ug/l
 RT: 9.71 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

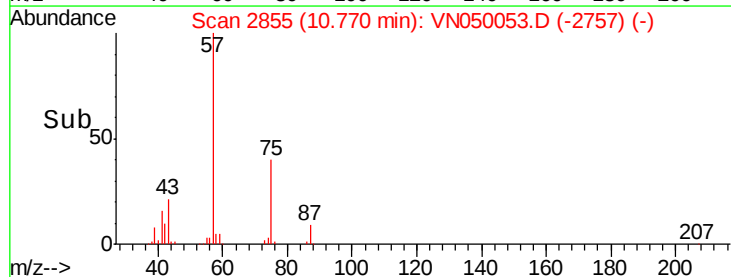
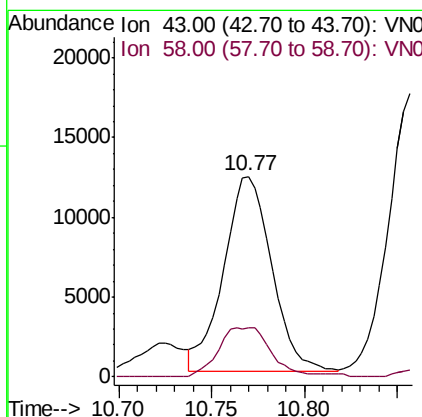
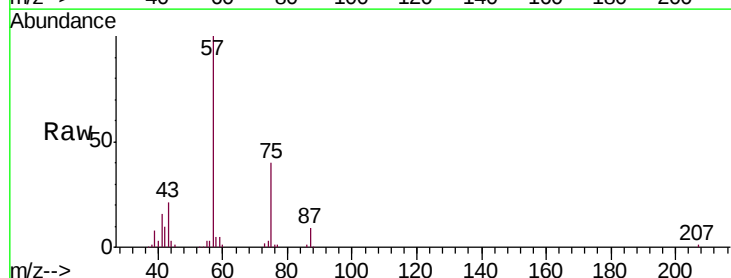
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424TB

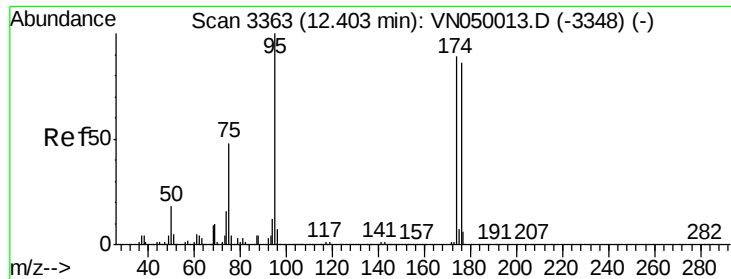
Tot Ion: 63 Resp: 65
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.7 32.5#



#59
 2-Hexanone
 Concen: 8.93 ug/l
 RT: 10.77 min Scan# 2855
 Delta R.T. 0.02 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

Tgt Ion: 43 Resp: 22091
 Ion Ratio Lower Upper
 43 100
 58 28.3 27.6 82.7

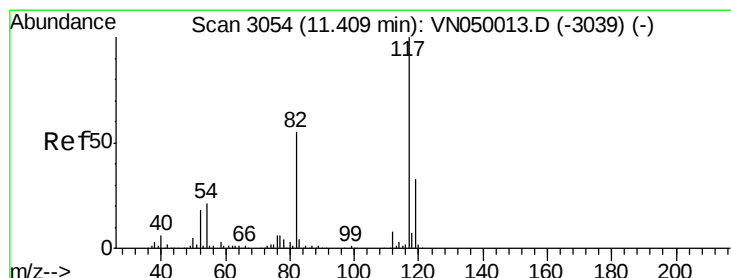
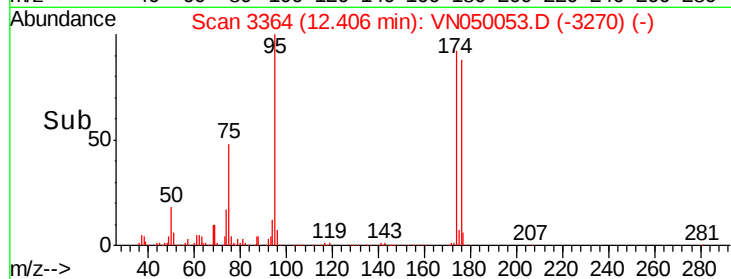
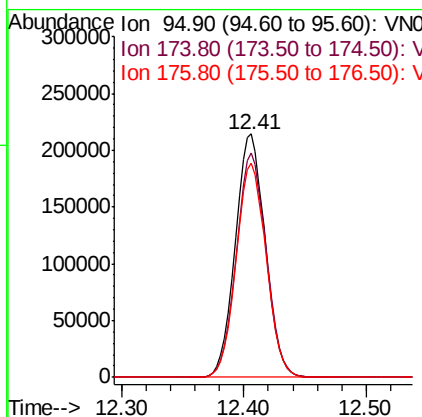
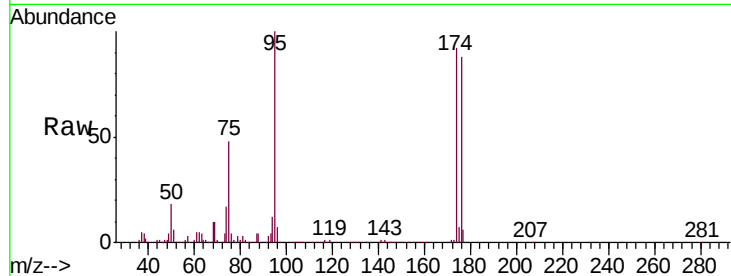




#62
4-Bromofluorobenzene
Concen: 36.21 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

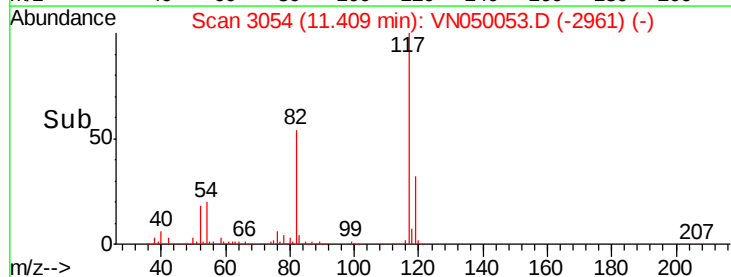
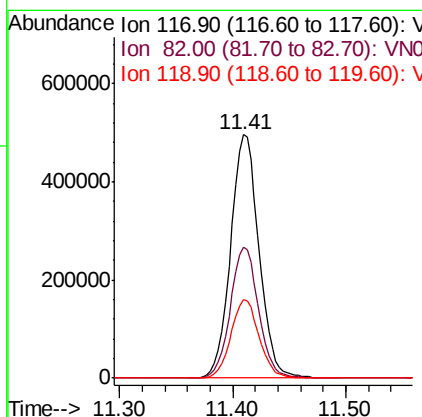
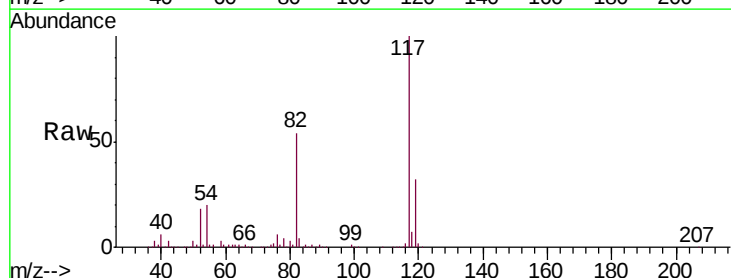
Instrument :
MSVOA_N
ClientSampleId :
PB111424TB

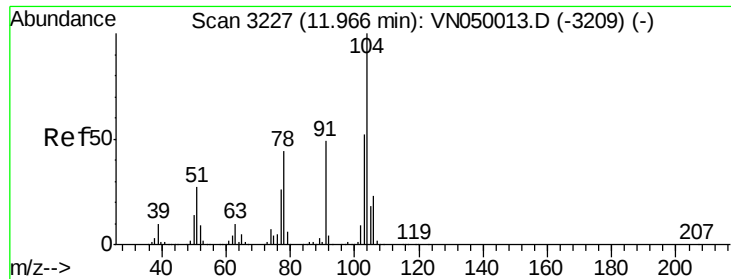
Tot Ion: 95 Resp: 363565
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 87.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Tgt Ion: 117 Resp: 864809
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.1 26.1 39.1





#70

Stvrene

Concen: 0.99 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampled :

PB111424TB

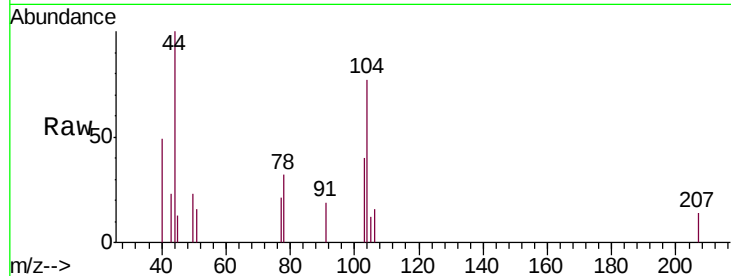
Tot Ion:104 Resp: 1495

Ion Ratio Lower Upper

104 100

78 44.2 39.3 58.9

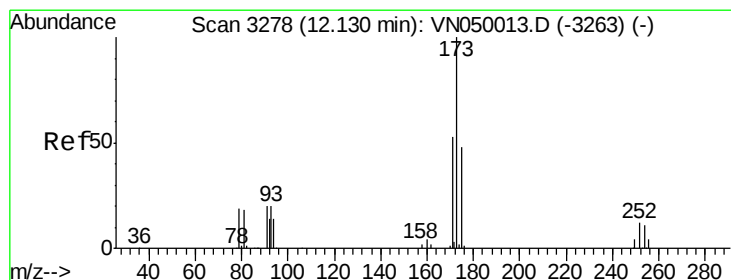
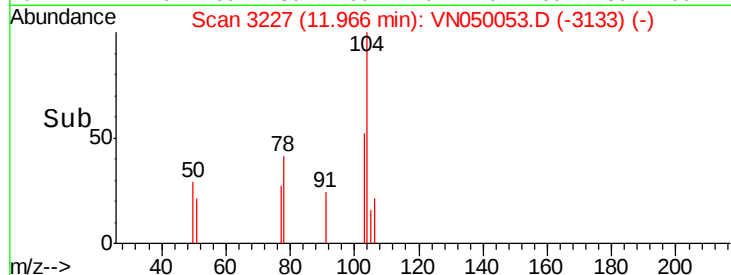
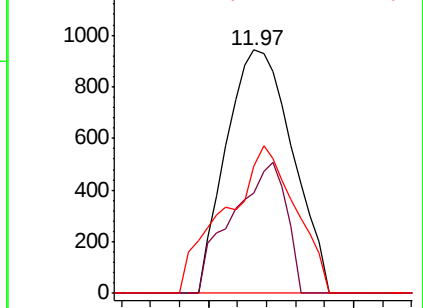
103 64.5 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.52 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

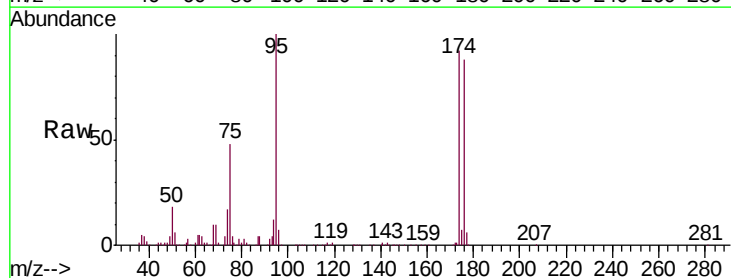
Tgt Ion:173 Resp: 3165

Ion Ratio Lower Upper

173 100

175 654.2 24.1 72.2#

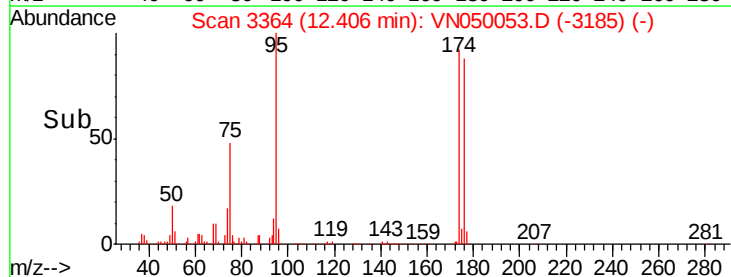
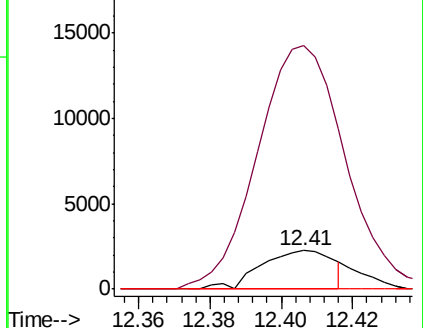
254 0.0 0.2 0.2#

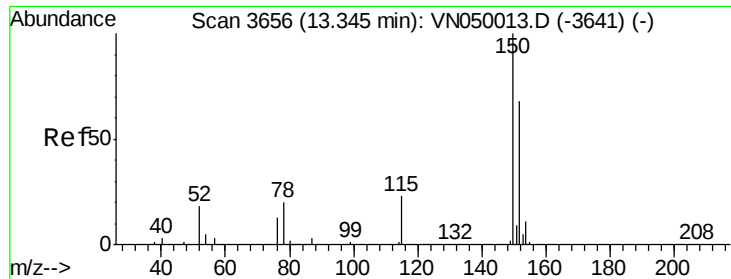


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB111424TB

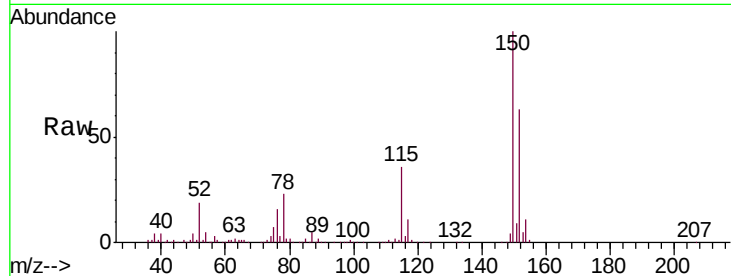
Tot Ion:152 Resp: 274938

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

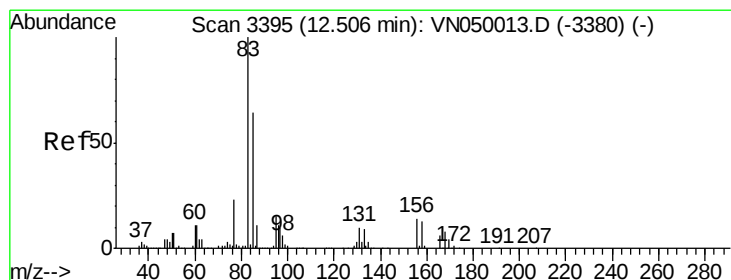
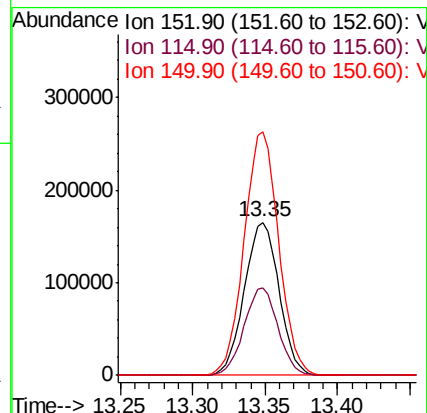
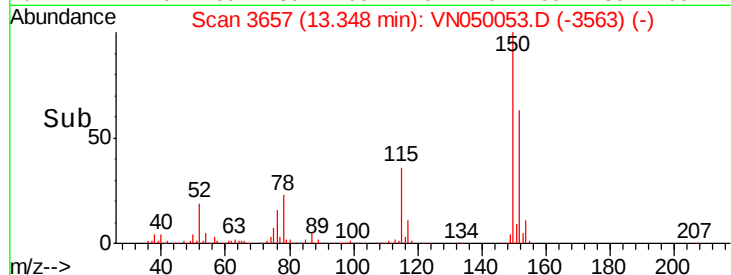
150 158.5 0.0 348.6



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: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

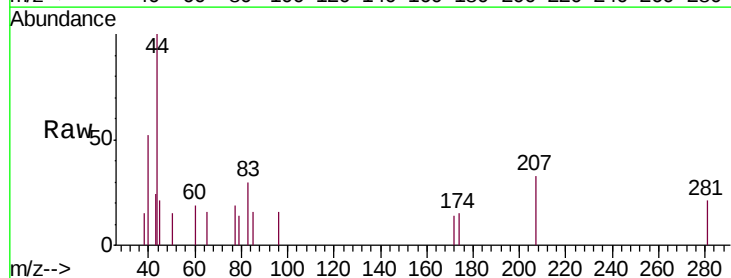
Tgt Ion: 83 Resp: 422

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

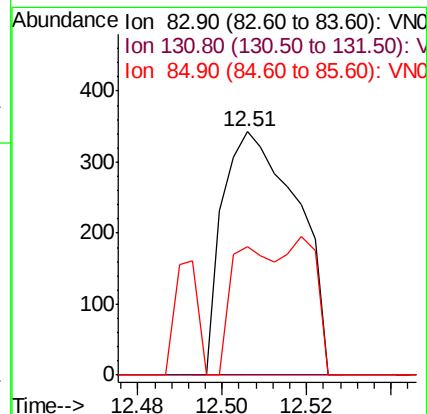
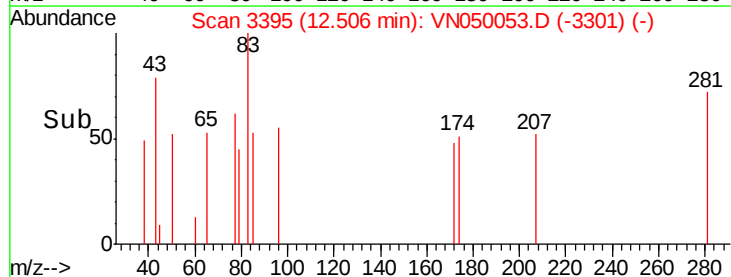
85 31.0 32.3 96.8#

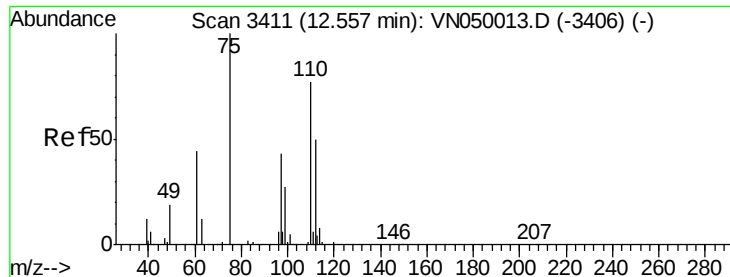


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 34.98 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

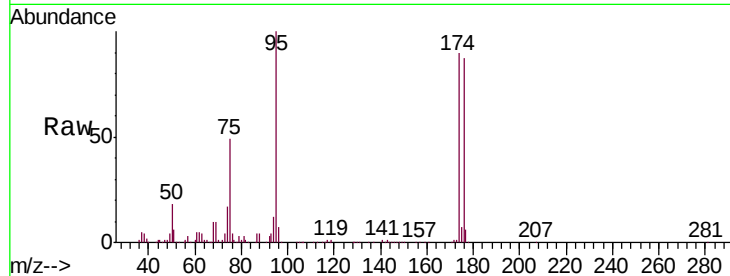
PB111424TB

Tot Ion: 75 Resp: 178753

Ion Ratio Lower Upper

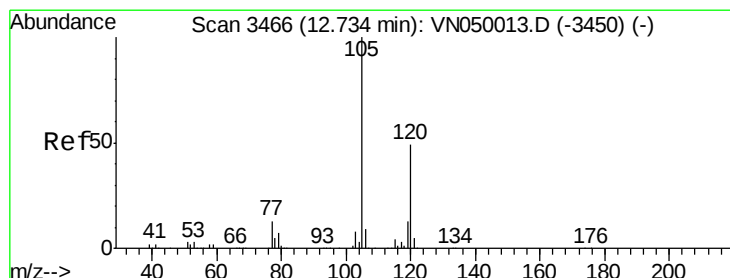
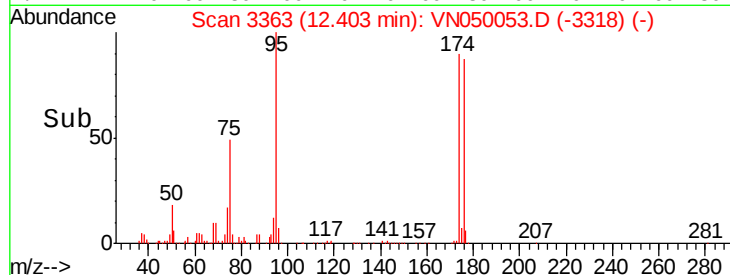
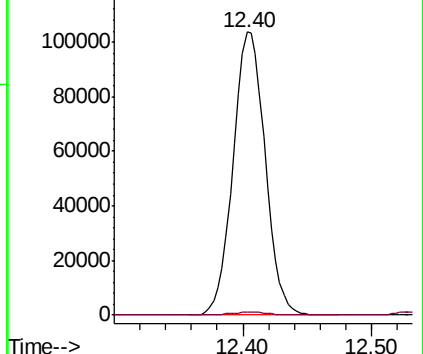
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050013.D (-3406) (-)

Ion 77.00 (76.70 to 77.70): VN050013.D (-3406) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.28 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN050053.D

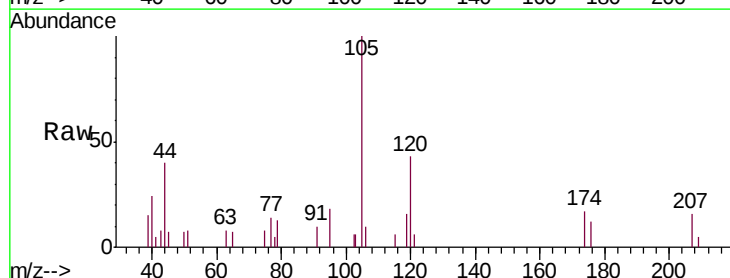
Acq: 25 Jul 2018 19:45

Tgt Ion: 105 Resp: 4756

Ion Ratio Lower Upper

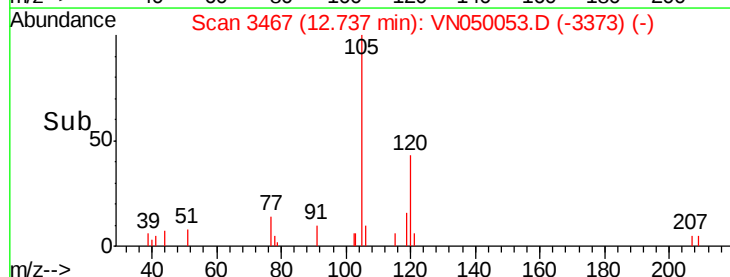
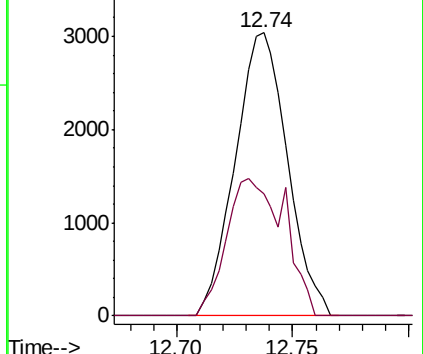
105 100

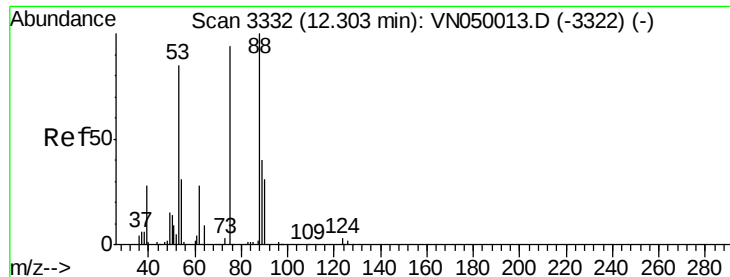
120 54.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050013.D (-3450) (-)

Ion 120.00 (119.70 to 120.70): VN050013.D (-3450) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 110.96 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampled :

PB111424TB

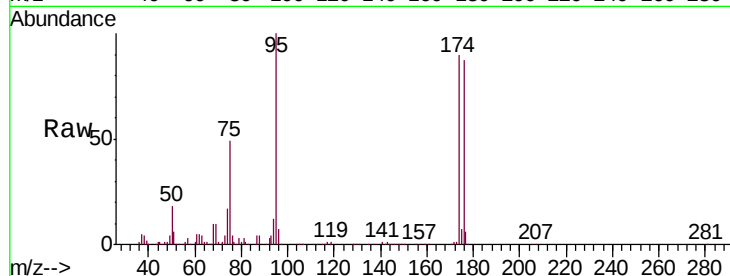
Tot Ion: 75 Resp: 178753

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

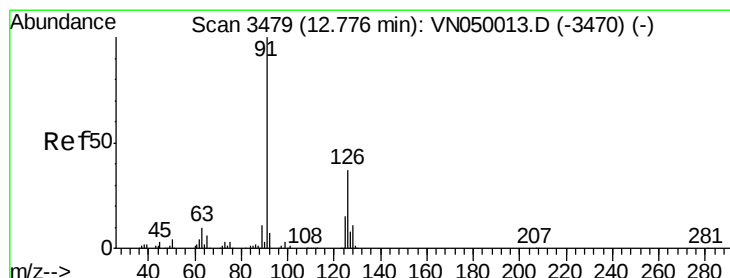
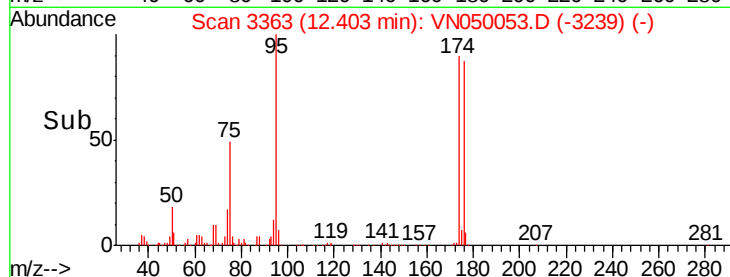
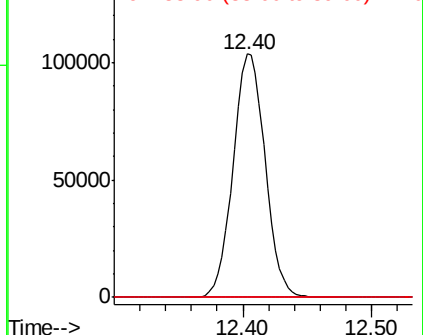
89 0.0 36.0 54.0#



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



#82

4-Chlorotoluene

Concen: 0.21 ug/l

RT: 12.78 min Scan# 3480

Delta R.T. 0.00 min

Lab File: VN050053.D

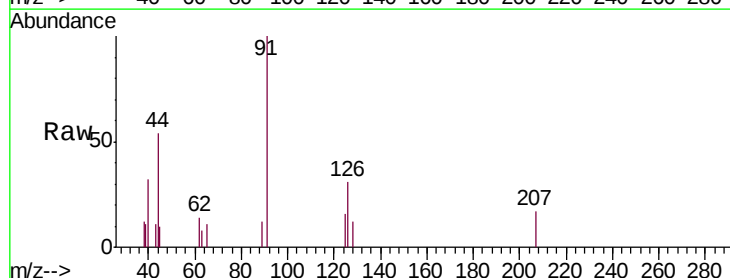
Acq: 25 Jul 2018 19:45

Tgt Ion: 91 Resp: 3023

Ion Ratio Lower Upper

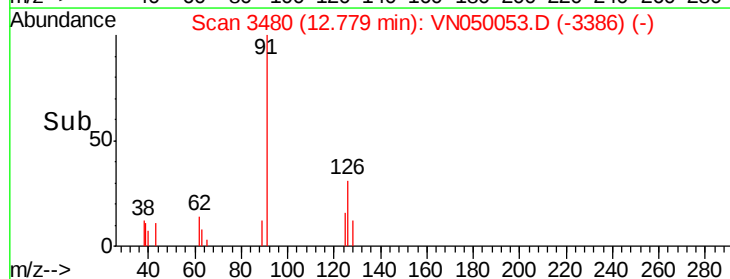
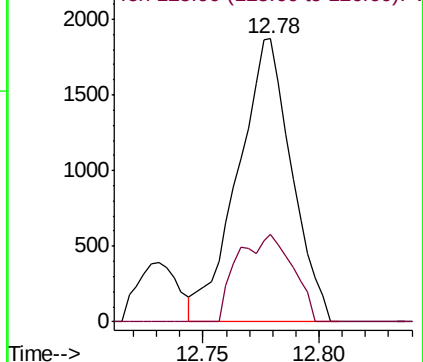
91 100

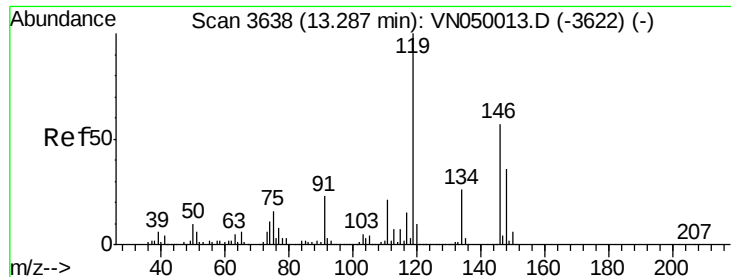
126 31.5 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

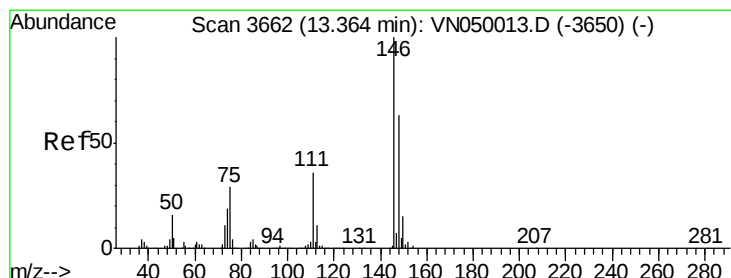
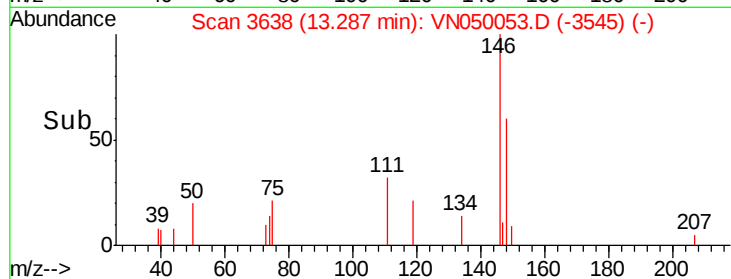
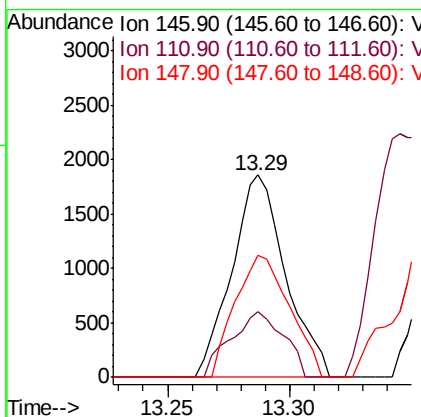
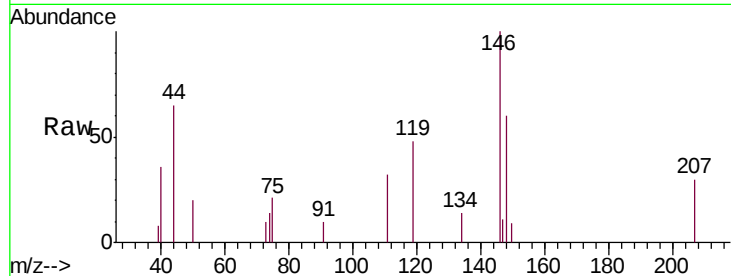




#87
 1,3-Dichlorobenzene
 Concen: 0.28 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.00 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

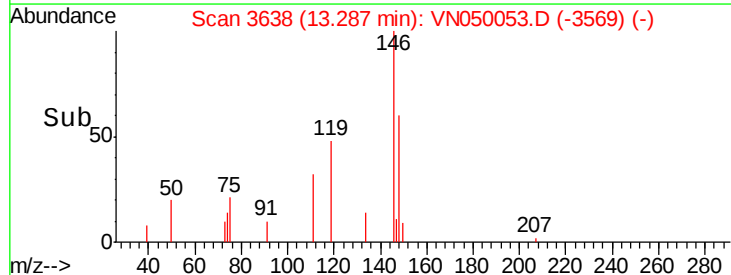
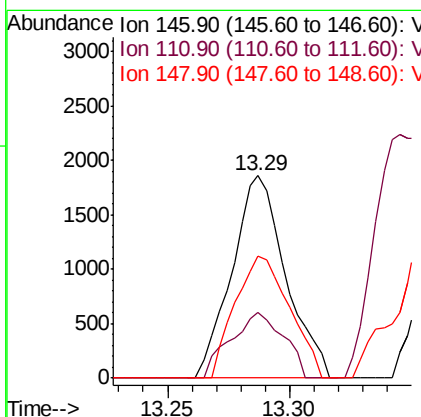
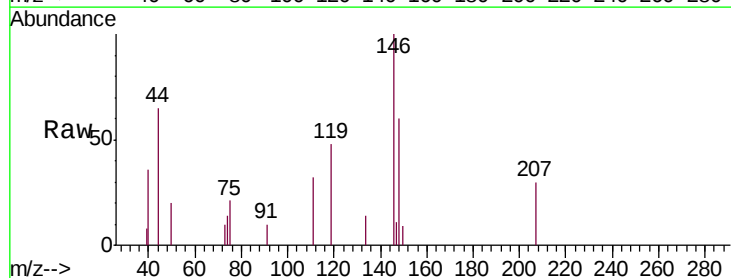
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424TB

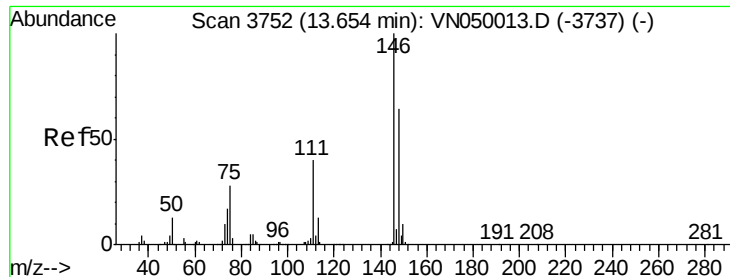
Tot Ion:146 Resp: 2835
 Ion Ratio Lower Upper
 146 100
 111 32.2 18.8 56.4
 148 61.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 0.29 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.08 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

Tgt Ion:146 Resp: 2835
 Ion Ratio Lower Upper
 146 100
 111 32.2 18.3 54.9
 148 61.1 31.9 95.9

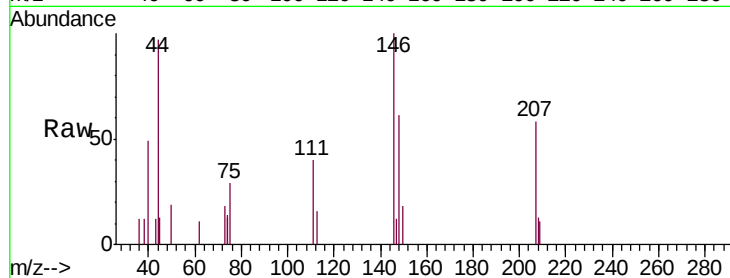




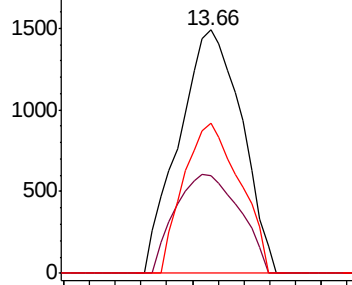
#91
 1,2-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424TB

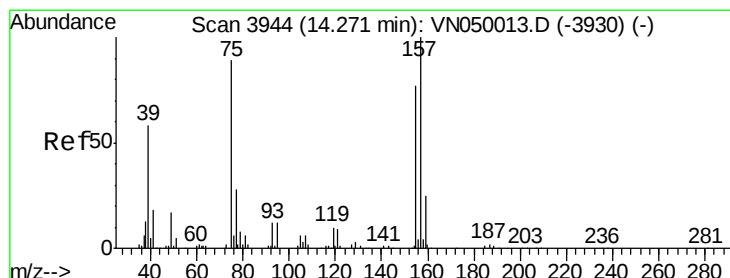
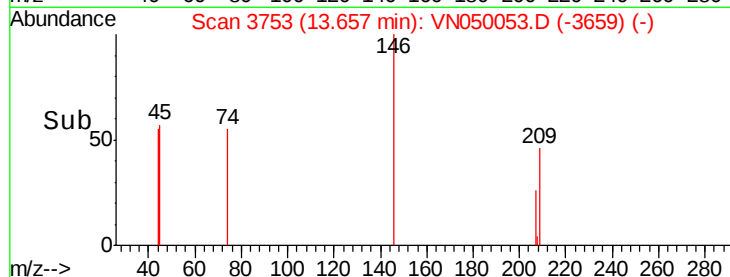
Tot Ion:146 Resp: 2521
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.6 58.7
 148 55.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 2000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

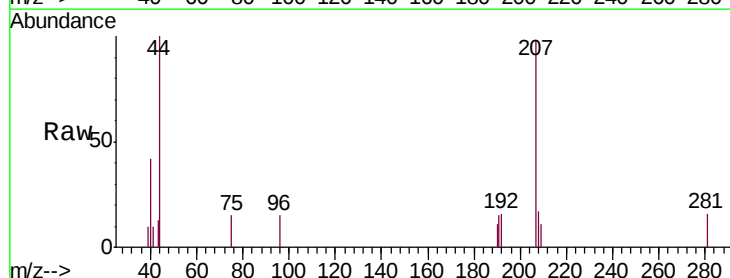


Time--> 13.60 13.65 13.70

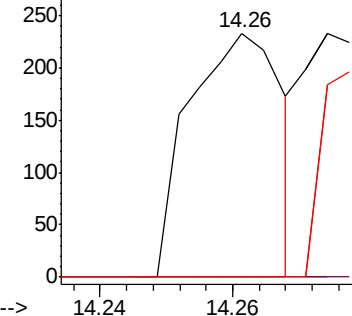


#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3941
 Delta R.T. -0.01 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

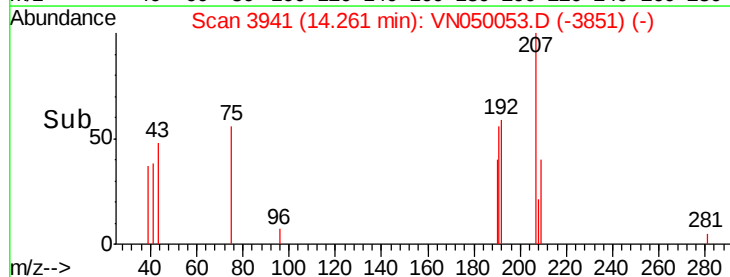
Tgt Ion: 75 Resp: 225
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.8 134.4#
 157 79.6 57.2 171.6

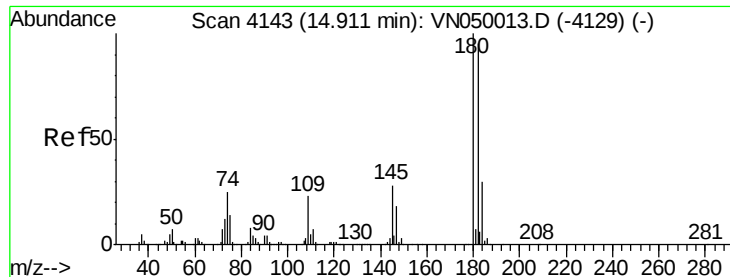


Abundance Ion 74.90 (74.60 to 75.60): V
 300 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



Time--> 14.24 14.26





#93

1,2,4-Trichlorobenzene

Concen: 3.69 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.01 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB111424TB

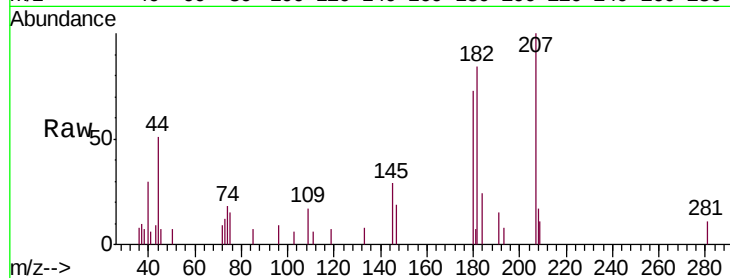
Tot Ion:180 Resp: 3441

Ion Ratio Lower Upper

180 100

182 104.6 46.7 140.1

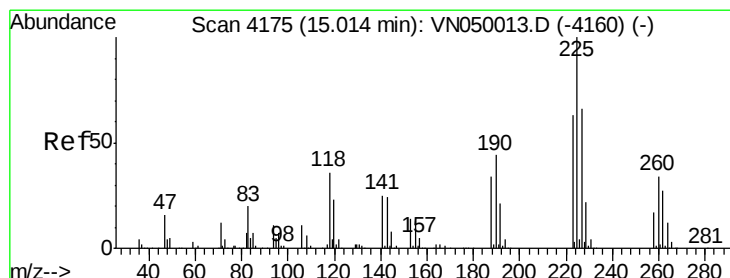
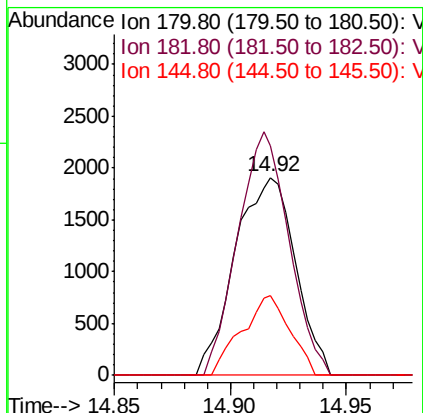
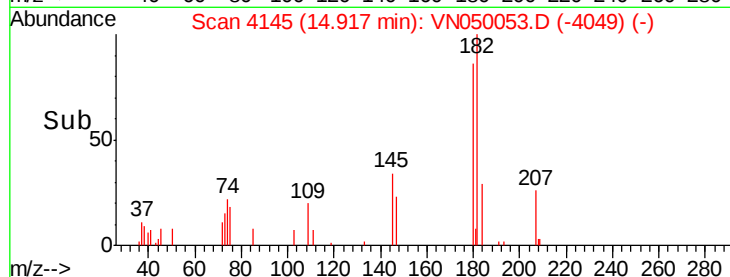
145 32.3 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.39 ug/l

RT: 15.02 min Scan# 4176

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

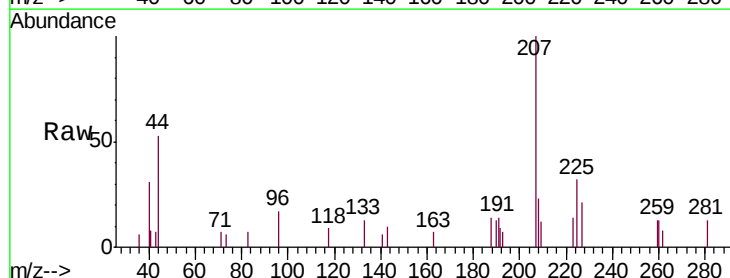
Tgt Ion:225 Resp: 1189

Ion Ratio Lower Upper

225 100

223 43.1 31.4 94.2

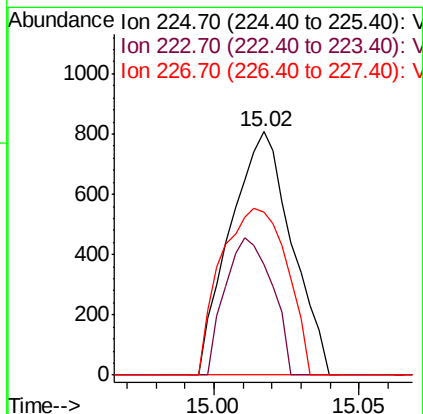
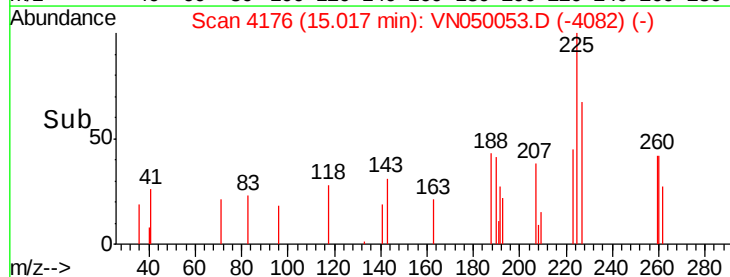
227 73.5 32.1 96.5

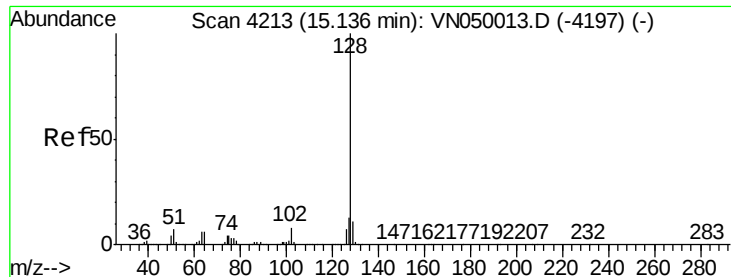


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.14 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB111424TB

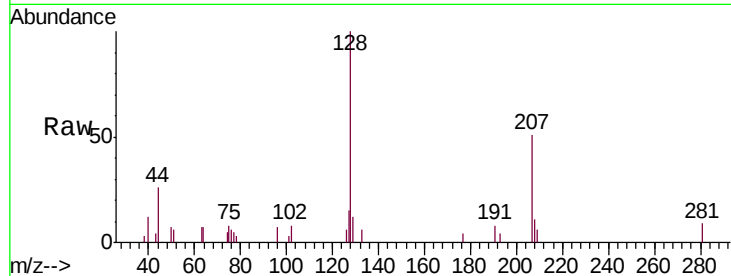
Tot Ion:128 Resp: 10000

Ion Ratio Lower Upper

128 100

127 15.4 10.4 15.6

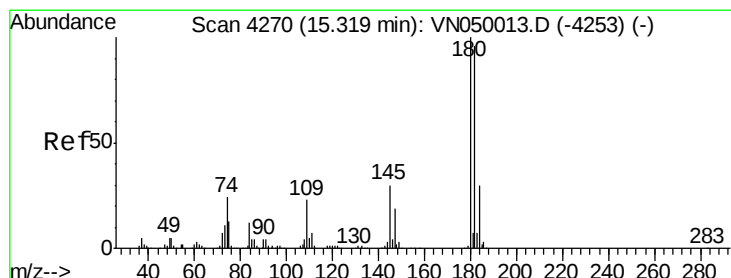
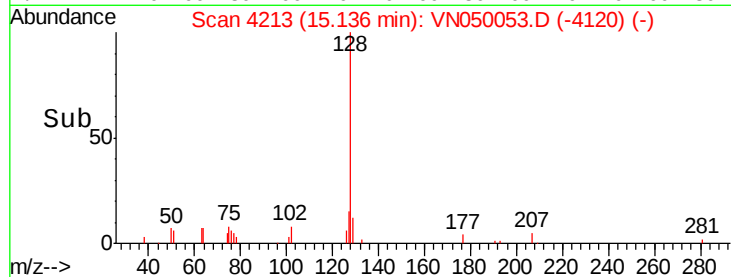
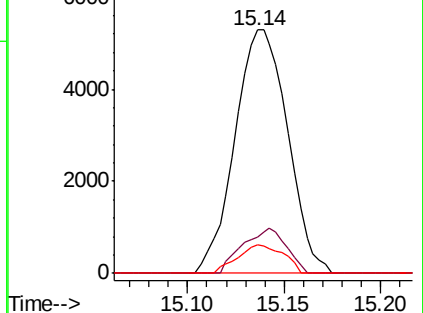
129 10.2 8.8 13.2



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: 2.88 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

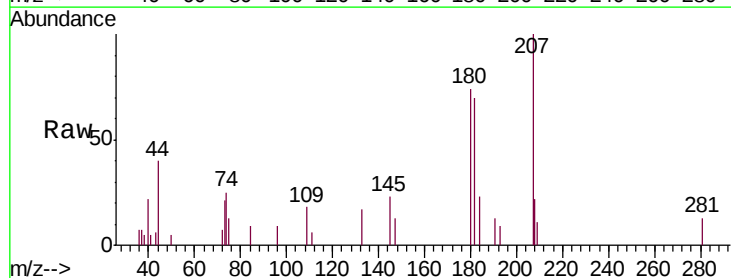
Tgt Ion:180 Resp: 3641

Ion Ratio Lower Upper

180 100

182 101.1 48.1 144.4

145 29.5 15.3 45.9



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

