

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051301.D
 Acq On : 18 Sep 2018 16:39
 Operator : MD\SY
 Sample : J4945-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB47195RT

Quant Time: Sep 19 01:19:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	400394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	633516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	223171	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	7.59	113	233792	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.09	98	820740	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
62) 4-Bromofluorobenzene	12.40	95	237993	41.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.24%	

Target Compounds

					Qvalue
3) Chloromethane	2.06	50	1603	Below Cal	94
5) Bromomethane	2.58	94	1467	0.996 ug/l #	80
10) Methyl Iodide	3.96	142	234	6.156 ug/l #	43
16) Acetone	3.82	43	89255	87.351 ug/l	100
18) Methyl Acetate	4.33	43	11111	3.057 ug/l #	69
20) Methylene Chloride	4.55	84	45798	9.616 ug/l	99
25) 2-Butanone	6.85	43	4536	3.254 ug/l	97
29) Tetrahydrofuran	7.22	42	625	0.725 ug/l #	48
30) Chloroform	7.37	83	10187	1.287 ug/l	97
31) Cyclohexane	7.66	56	6500	0.859 ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24923	3.634 ug/l #	48
38) Carbon Tetrachloride	7.67	117	33299	4.657 ug/l #	18
43) Isopropyl Acetate	8.17	43	158360	25.960 ug/l #	92
47) Bromodichloromethane	9.40	83	2769	0.412 ug/l #	98
48) Methyl methacrylate	9.18	41	5475	1.864 ug/l #	17
51) 4-Methyl-2-Pentanone	9.98	43	3663	1.164 ug/l #	80
52) Toluene	10.16	92	8627	0.706 ug/l	96
56) Ethyl methacrylate	10.29	69	165	2.095 ug/l #	1
59) 2-Hexanone	10.77	43	5138	2.479 ug/l	63
68) m/p-Xylenes	11.63	106	1590	0.205 ug/l	97
70) Styrene	11.96	104	532	1.283 ug/l #	53
73) Isopropylbenzene	12.25	105	26305	1.856 ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.44	83	66	Below Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	108787	47.199 ug/l #	100
77) Bromobenzene	12.55	156	63	Below Cal #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	108787	143.773 ug/l #	15
86) p-Isopropyltoluene	13.29	119	3259	0.306 ug/l #	79
88) 1,4-Dichlorobenzene	13.36	146	261	0.455 ug/l #	1
89) n-Butylbenzene	13.61	91	826	2.108 ug/l #	58
90) Hexachloroethane	13.90	117	379	Below Cal #	1
91) 1,2-Dichlorobenzene	13.65	146	155	Below Cal #	34
94) Hexachlorobutadiene	15.01	225	30	Below Cal #	19
95) Naphthalene	15.14	128	27313	10.502 ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	100	3.897 ug/l #	1

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QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

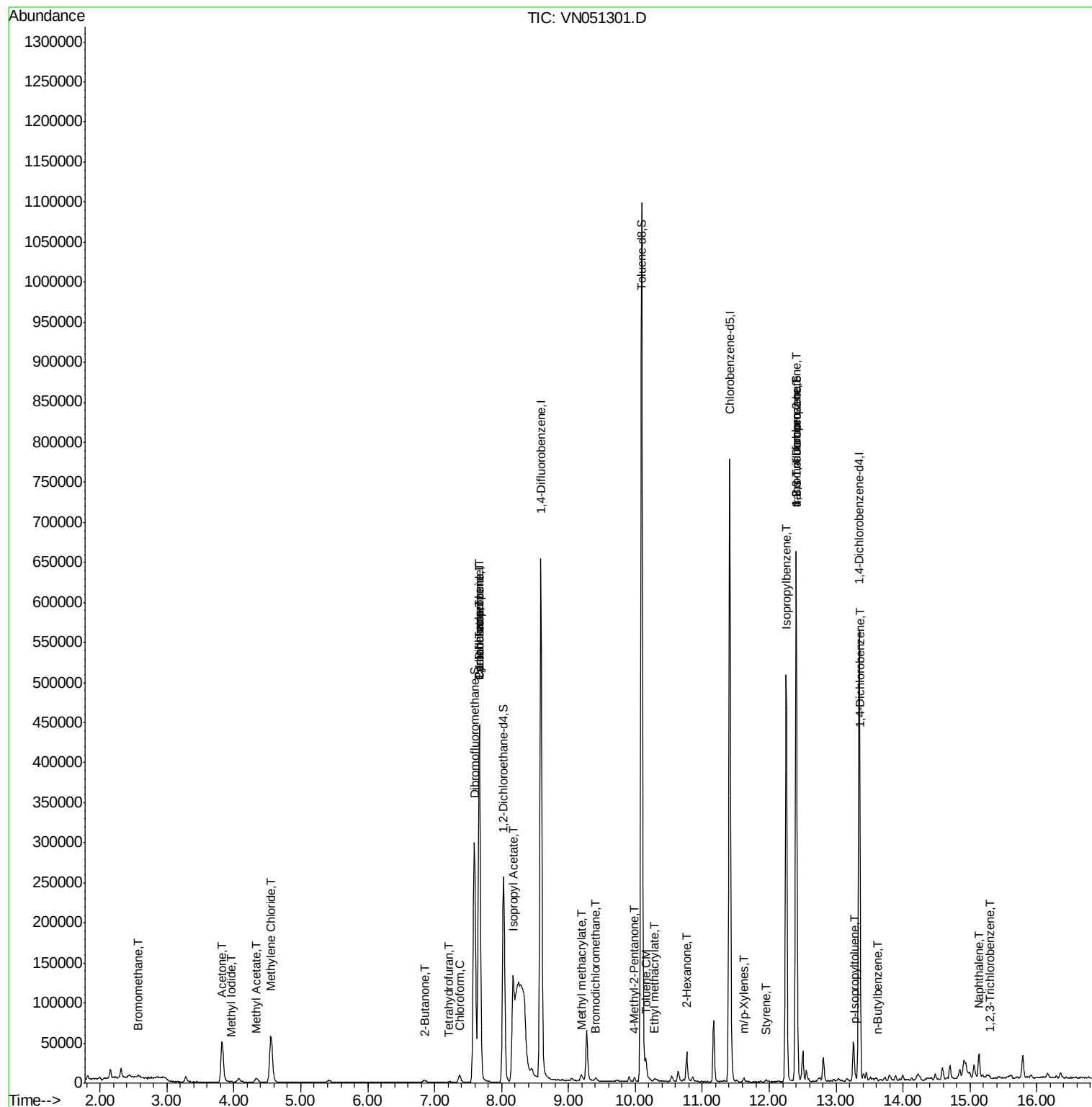
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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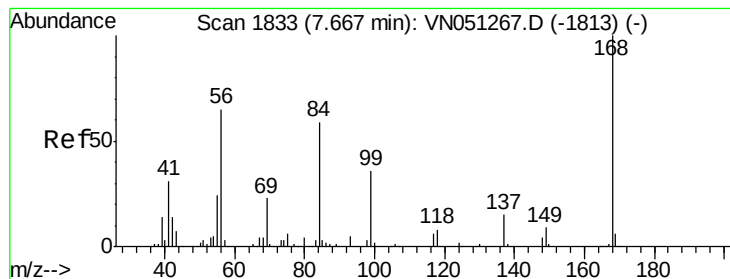
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051301.D
Acq On : 18 Sep 2018 16:39
Operator : MD\SY
Sample : J4945-03
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

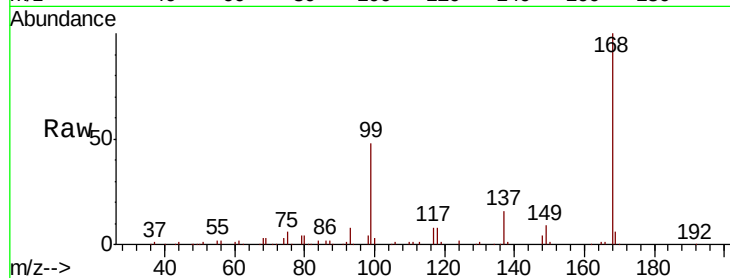
RB47195RT

Tgt Ion:168 Resp: 400394

Ion Ratio Lower Upper

168 100

99 48.2 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.67

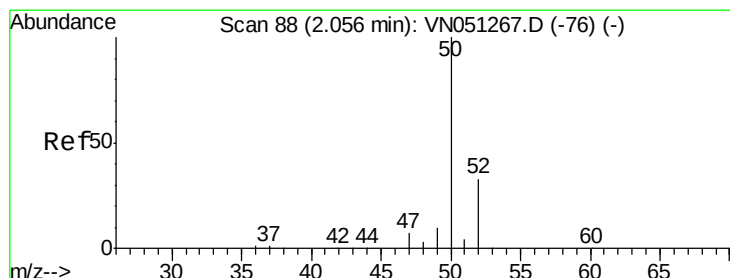
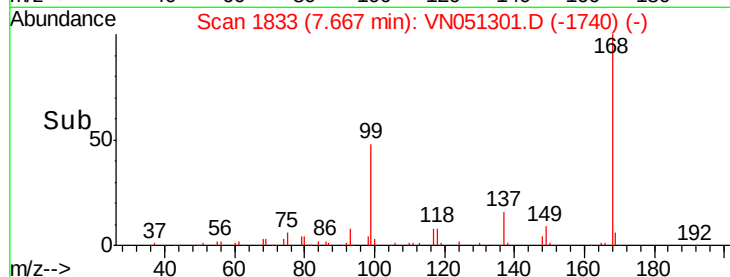
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051301.D

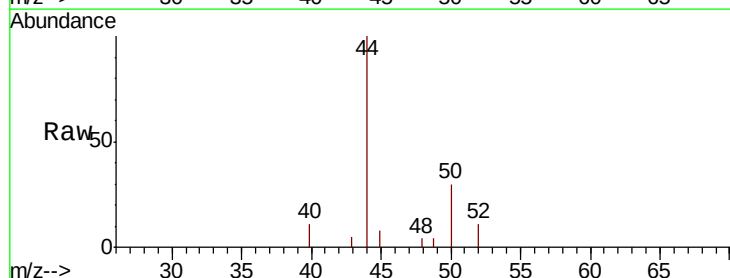
Acq: 18 Sep 2018 16:39

Tgt Ion: 50 Resp: 1603

Ion Ratio Lower Upper

50 100

52 36.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): V

Ion 51.90 (51.60 to 52.60): V

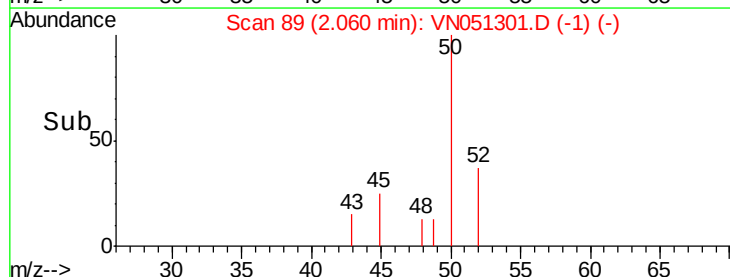
2.06

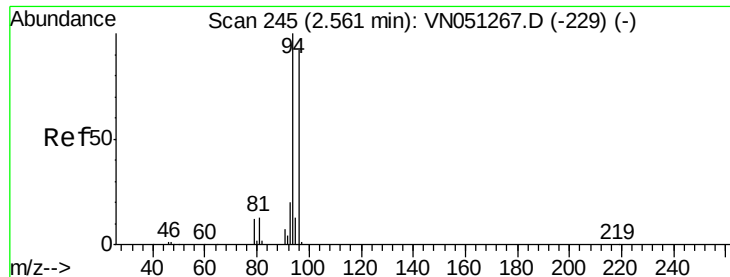
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.996 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.02 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

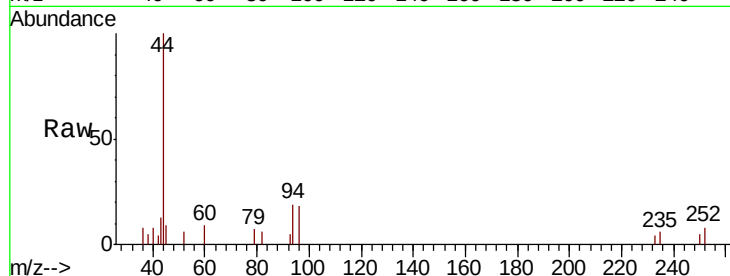
RB47195RT

Tgt Ion: 94 Resp: 1467

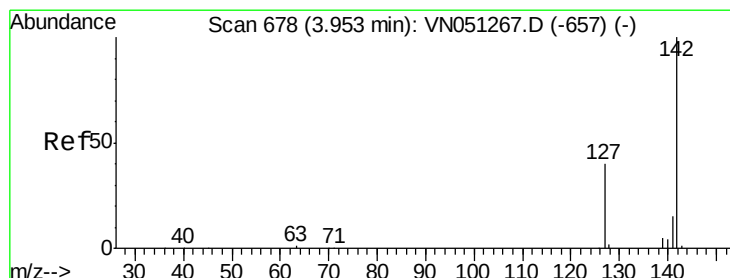
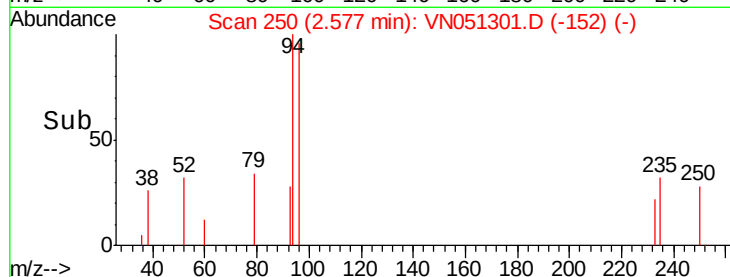
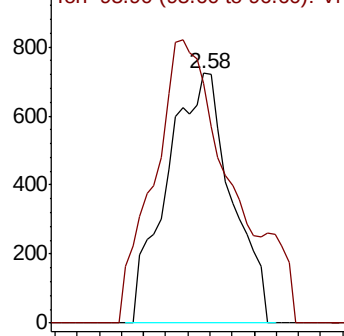
Ion Ratio Lower Upper

94 100

96 73.4 73.8 110.8#



Abundance Ion 93.90 (93.60 to 94.60): VN051267.D (-229) (-)



#10

Methyl Iodide

Concen: 6.156 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.01 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

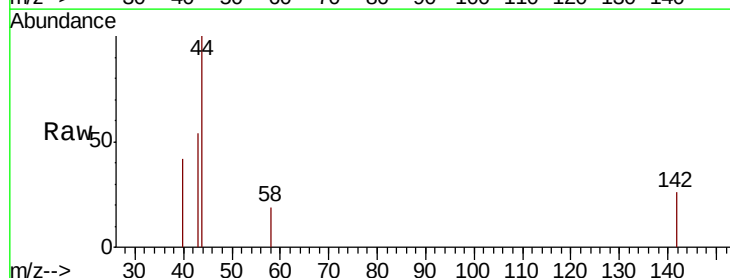
Tgt Ion: 142 Resp: 234

Ion Ratio Lower Upper

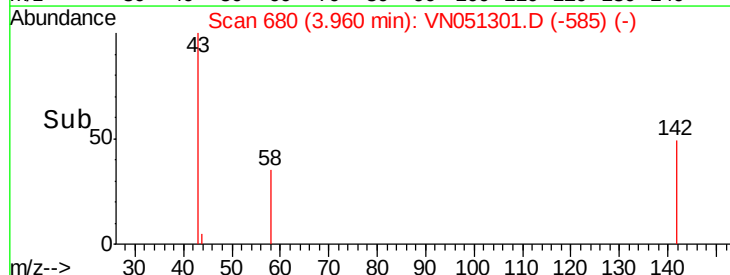
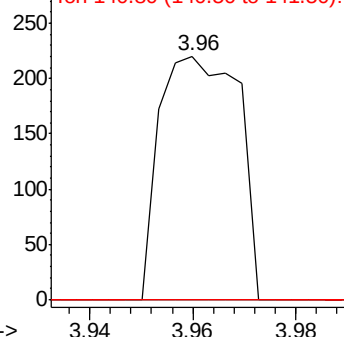
142 100

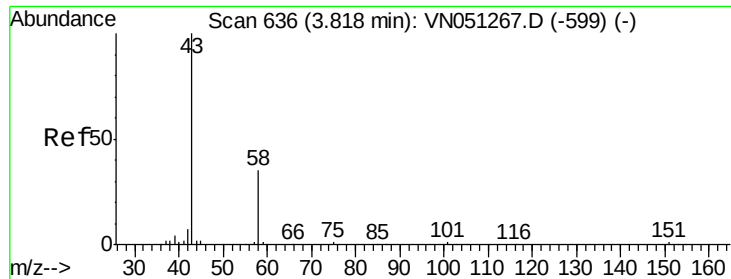
127 0.0 31.7 47.5#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): VN051267.D (-657) (-)





#16

Acetone

Concen: 87.351 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

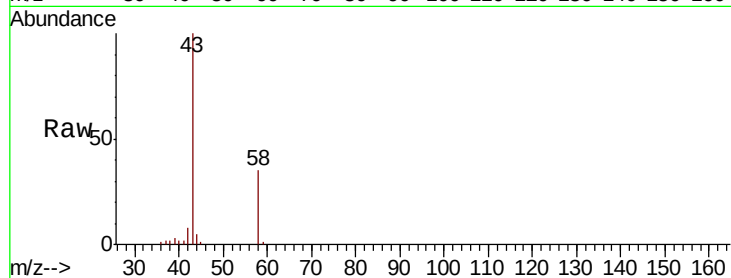
RB47195RT

Tgt Ion: 43 Resp: 89255

Ion Ratio Lower Upper

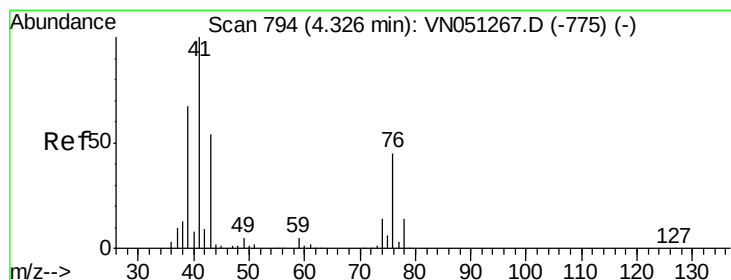
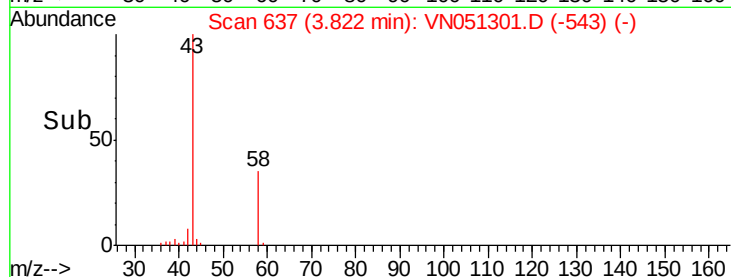
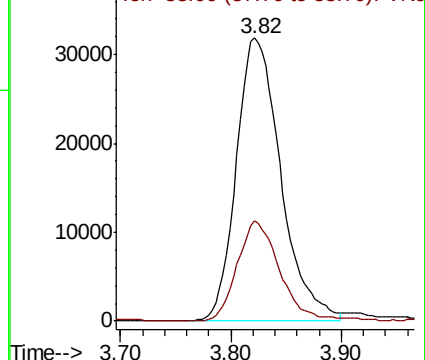
43 100

58 35.5 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 3.057 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051301.D

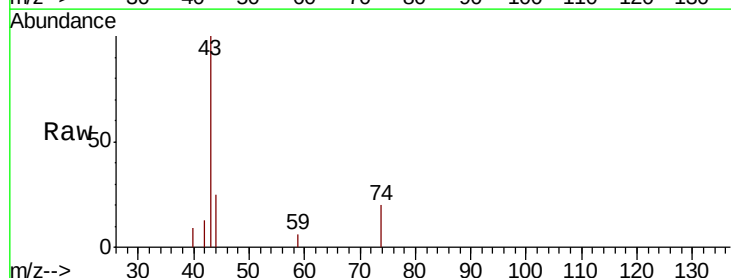
Acq: 18 Sep 2018 16:39

Tgt Ion: 43 Resp: 11111

Ion Ratio Lower Upper

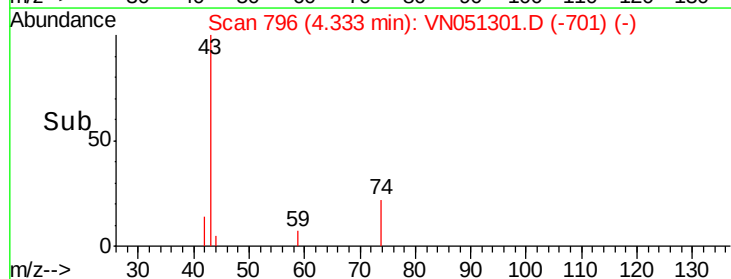
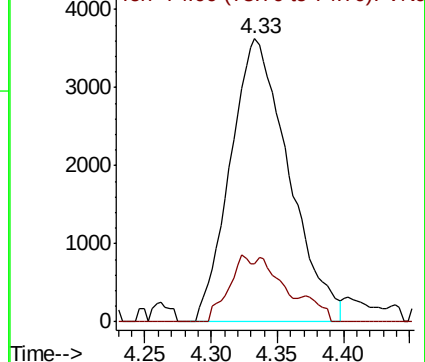
43 100

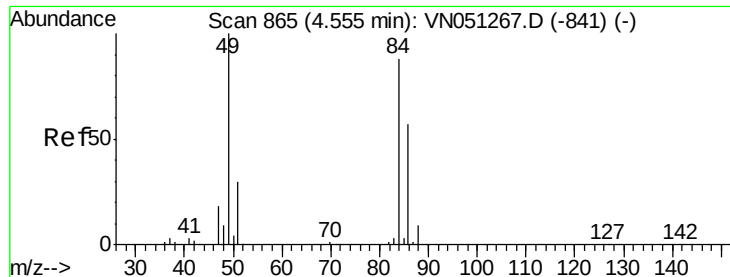
74 10.3 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



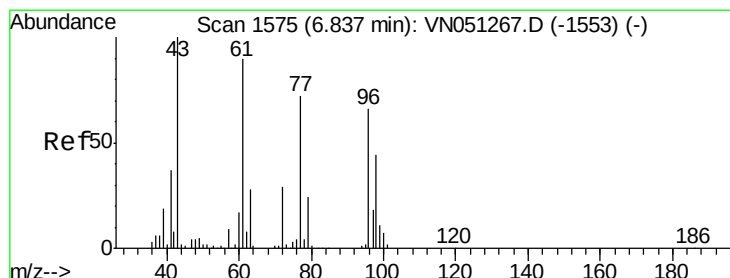
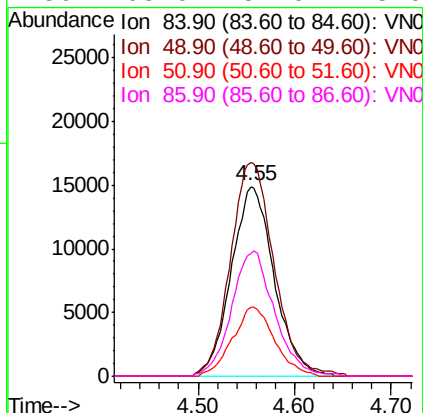
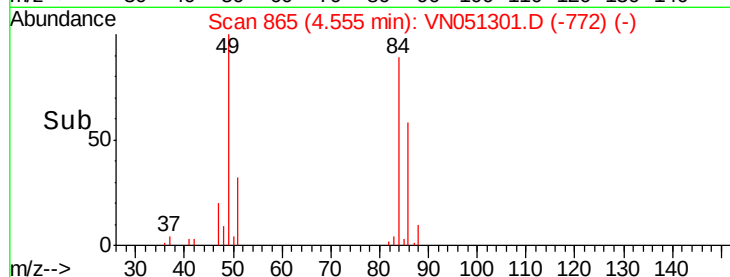
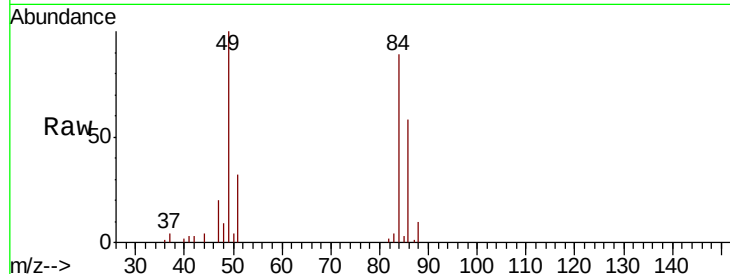


#20
Methylene Chloride
Concen: 9.616 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Instrument :
MSVOA_N
ClientSampled :
RB47195RT

Tgt Ion: 84 Resp: 45798

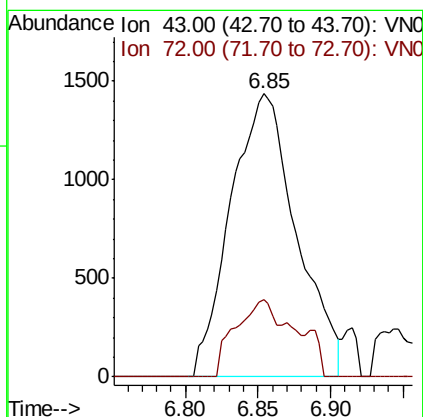
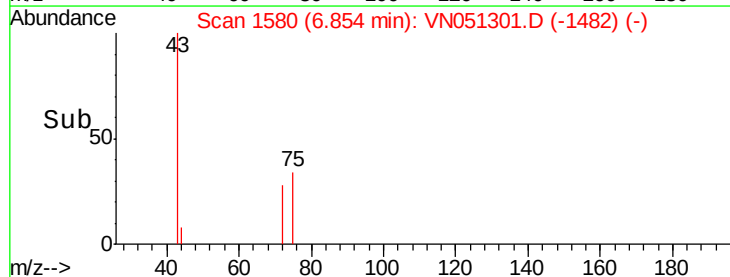
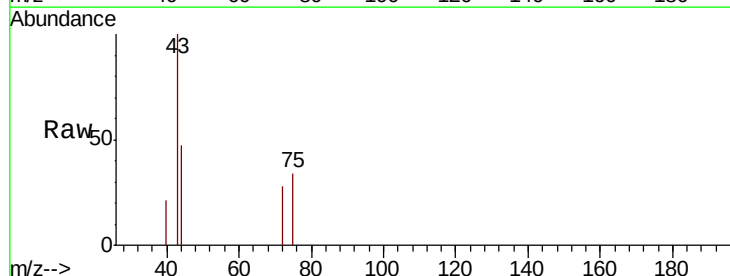
Ion	Ratio	Lower	Upper
84	100		
49	112.5	91.2	136.8
51	36.5	27.7	41.5
86	65.0	52.0	78.0

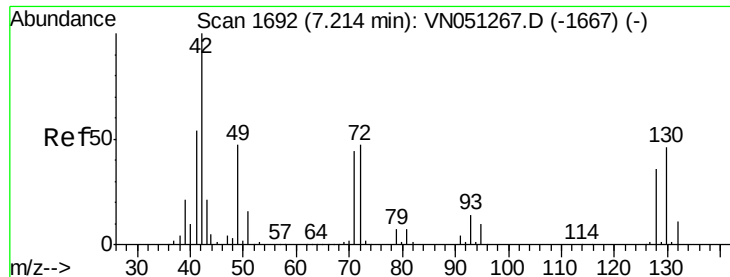


#25
2-Butanone
Concen: 3.254 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion: 43 Resp: 4536

Ion	Ratio	Lower	Upper
43	100		
72	27.5	23.4	35.0

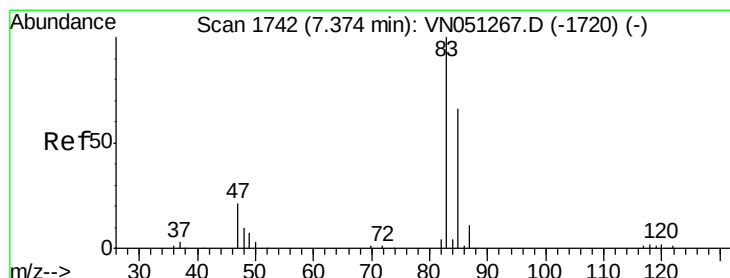
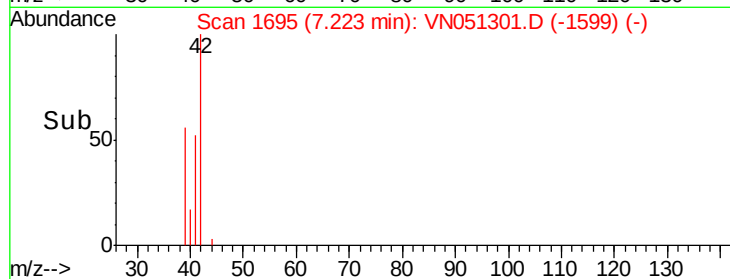
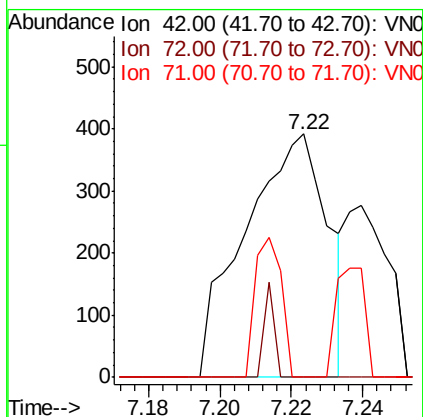
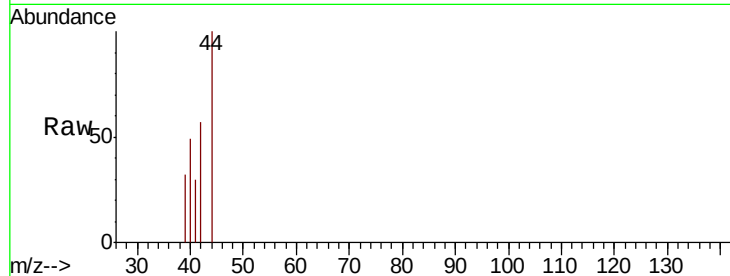




#29
Tetrahydrofuran
Concen: 0.725 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

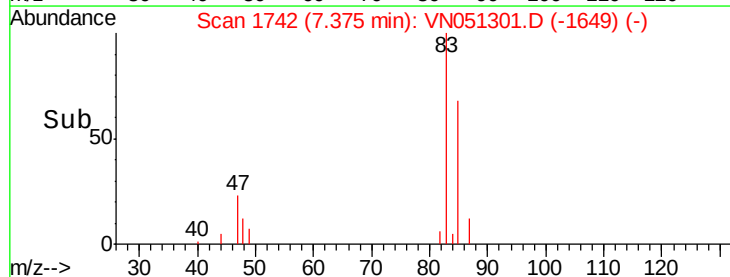
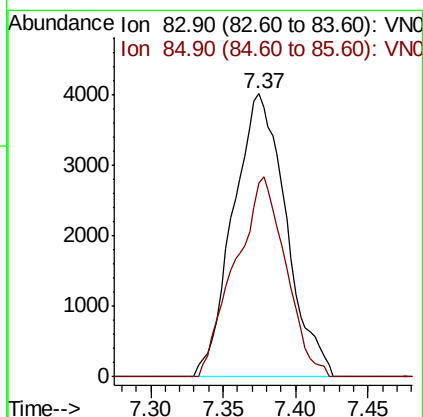
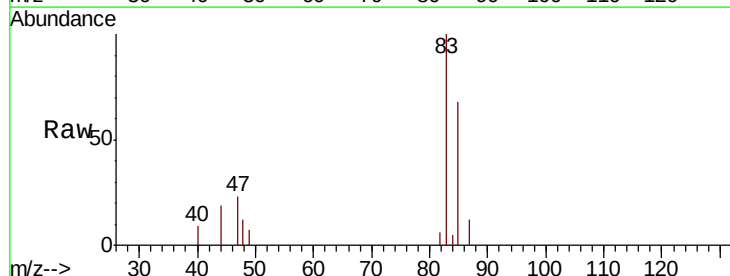
Instrument :
MSVOA_N
ClientSampled :
RB47195RT

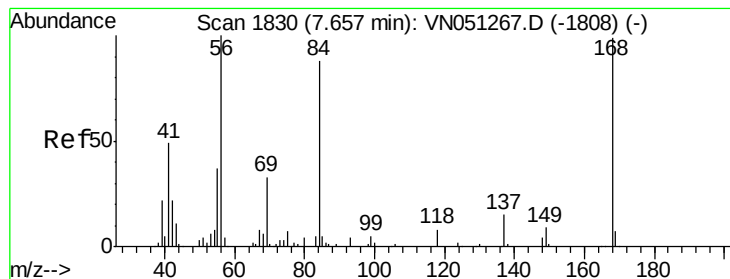
Tgt Ion: 42 Resp: 625
Ion Ratio Lower Upper
42 100
72 4.8 37.6 56.4#
71 18.2 35.4 53.2#



#30
Chloroform
Concen: 1.287 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion: 83 Resp: 10187
Ion Ratio Lower Upper
83 100
85 68.2 52.4 78.6





#31

Cyclohexane

Concen: 0.859 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

RB47195RT

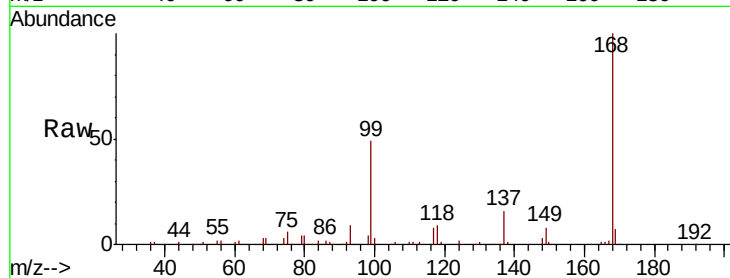
Tgt Ion: 56 Resp: 6500

Ion Ratio Lower Upper

56 100

69 170.6 26.2 39.2#

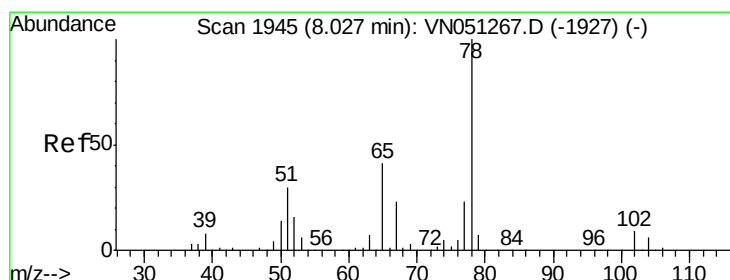
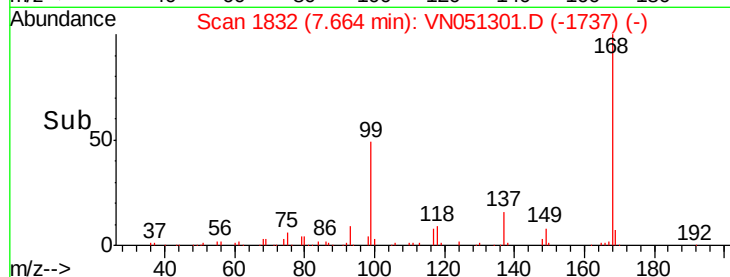
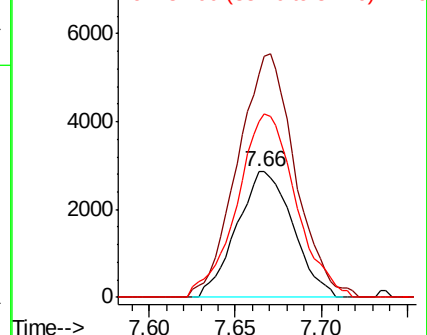
84 133.8 70.6 106.0#



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: 51.286 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051301.D

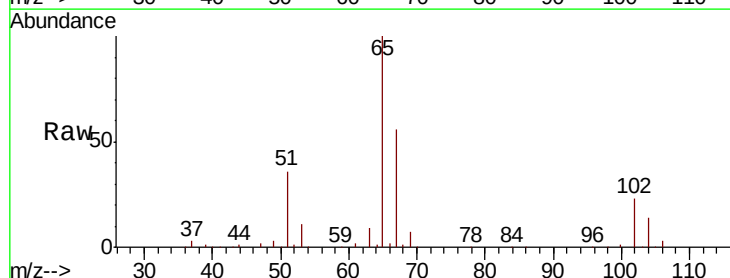
Acq: 18 Sep 2018 16:39

Tgt Ion: 65 Resp: 223171

Ion Ratio Lower Upper

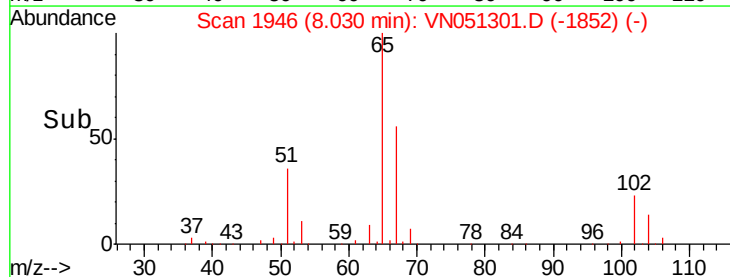
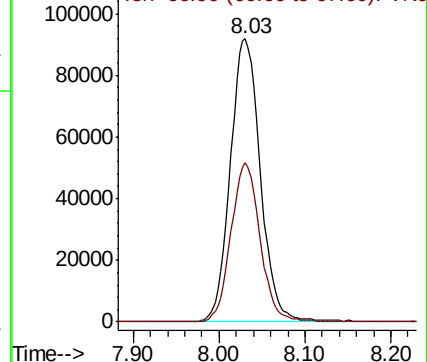
65 100

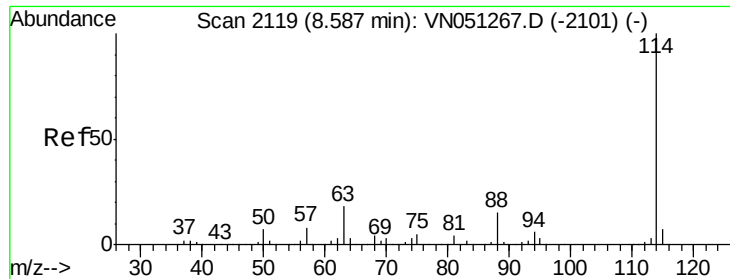
67 54.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

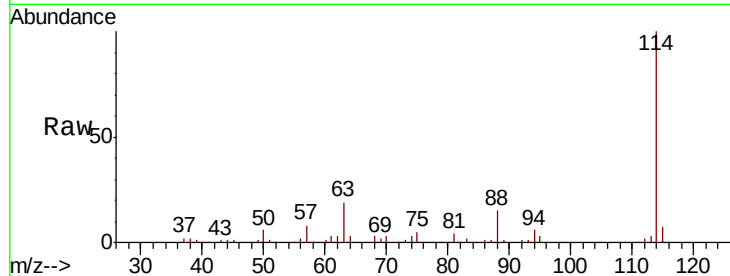




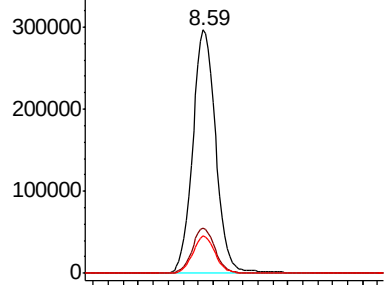
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 RB47195RT

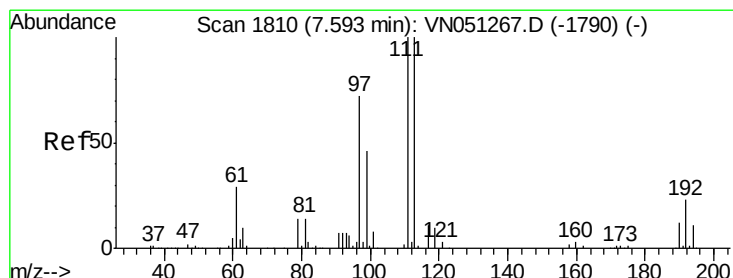
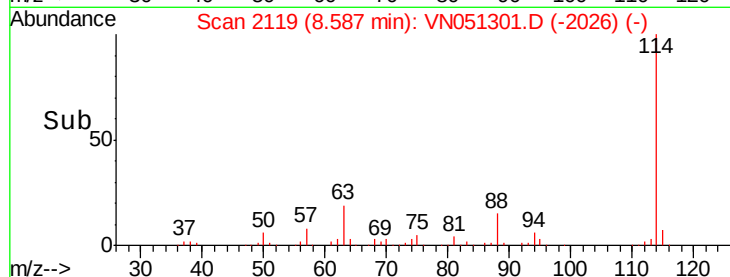
Tgt Ion:	114	Resp:	633516
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	36.8
88	15.2	0.0	30.8



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

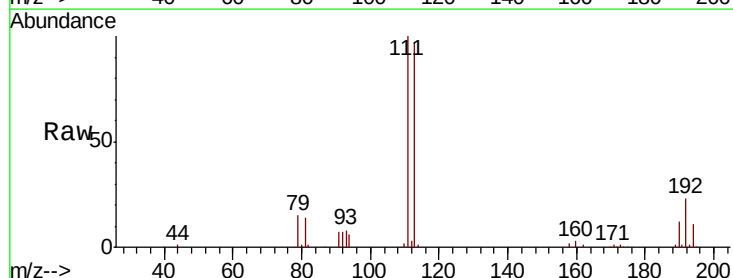


Time-->

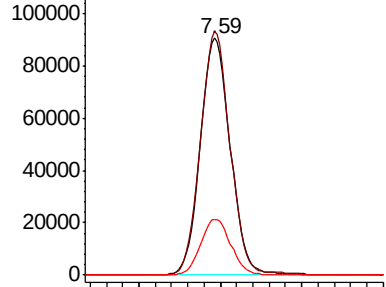


#35
 Dibromofluoromethane
 Concen: 47.490 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

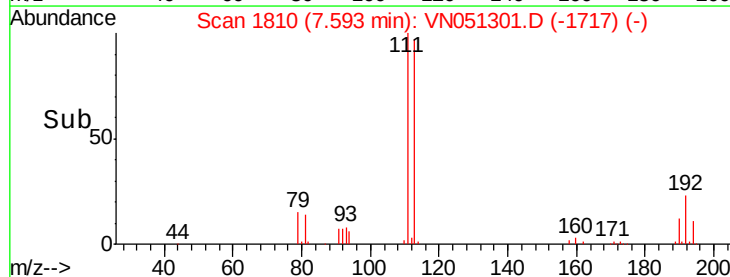
Tgt Ion:	113	Resp:	233792
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	23.7	19.0	28.6

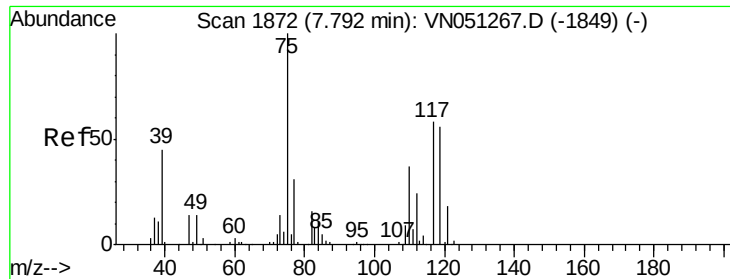


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

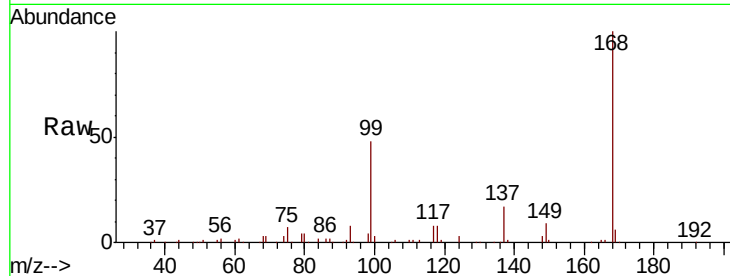




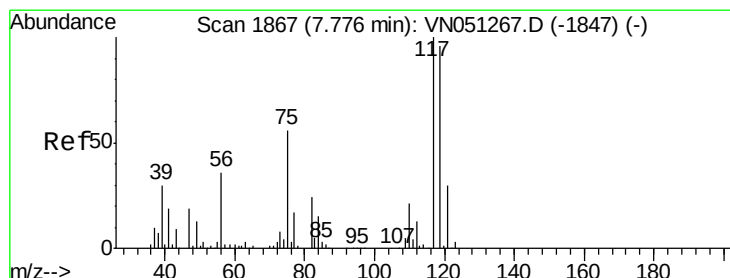
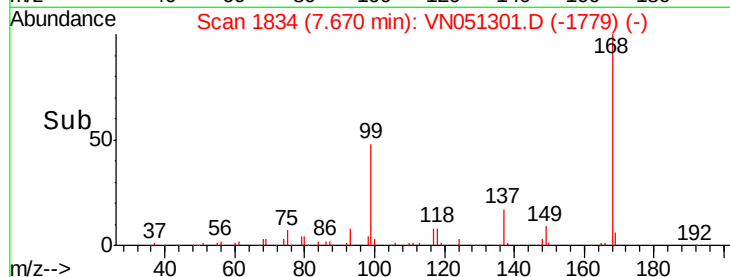
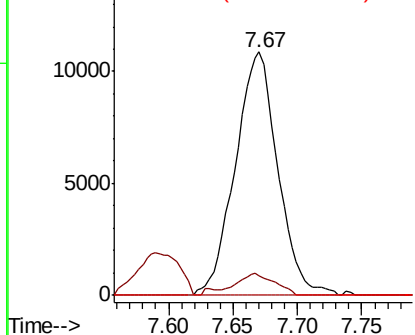
#36
 1,1-Dichloropropene
 Concen: 3.634 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

Instrument :
 MSVOA_N
 ClientSampled :
 RB47195RT

Tgt Ion: 75 Resp: 24923
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.6 56.0#
 77 0.0 24.7 37.1#

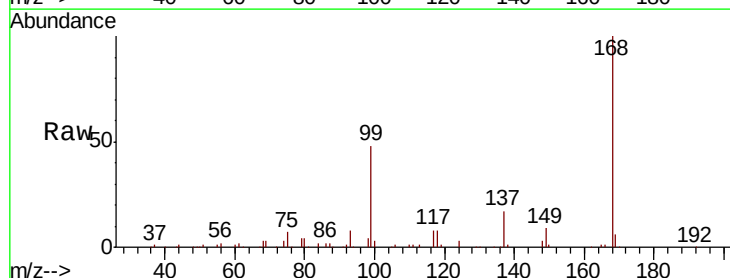


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

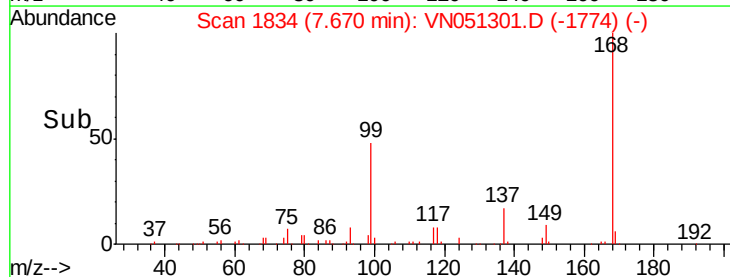
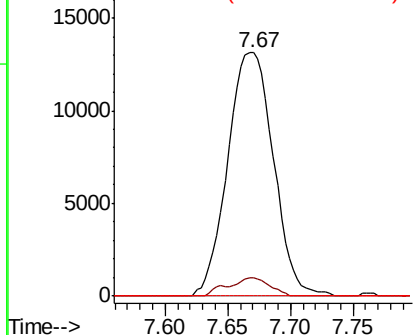


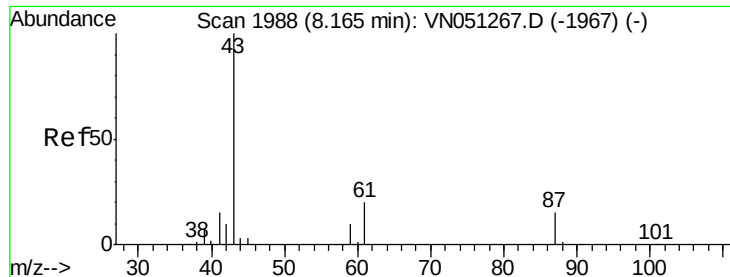
#38
 Carbon Tetrachloride
 Concen: 4.657 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.11 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

Tgt Ion: 117 Resp: 33299
 Ion Ratio Lower Upper
 117 100
 119 7.7 76.8 115.2#
 121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 25.960 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

RB47195RT

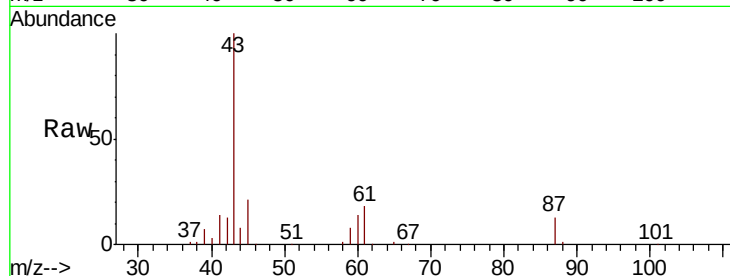
Tgt Ion: 43 Resp: 158360

Ion Ratio Lower Upper

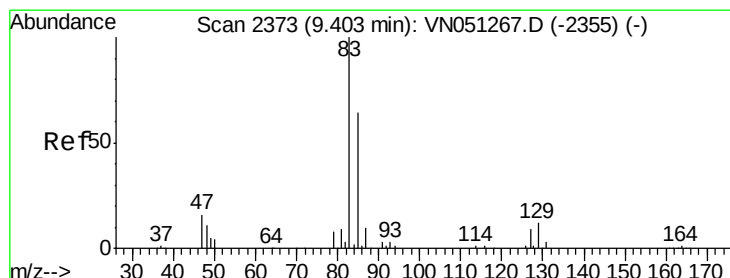
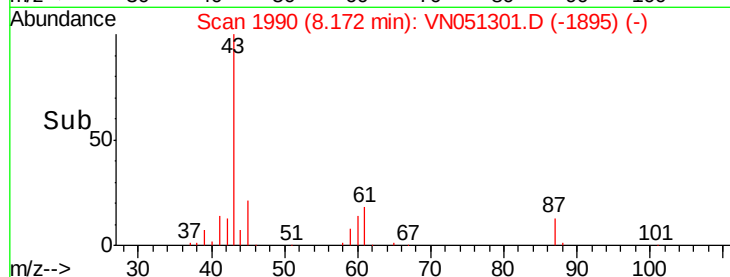
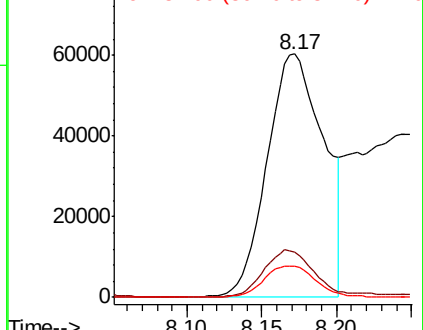
43 100

61 18.4 17.4 26.2

87 11.8 12.2 18.4#



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: 0.412 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

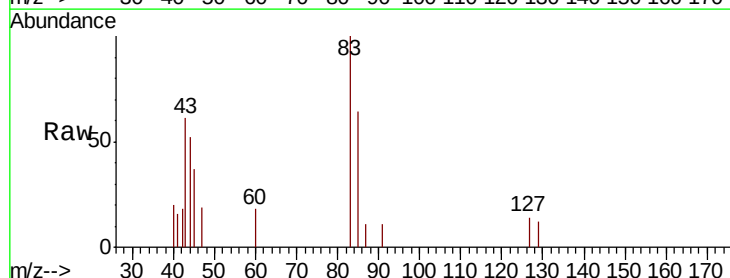
Tgt Ion: 83 Resp: 2769

Ion Ratio Lower Upper

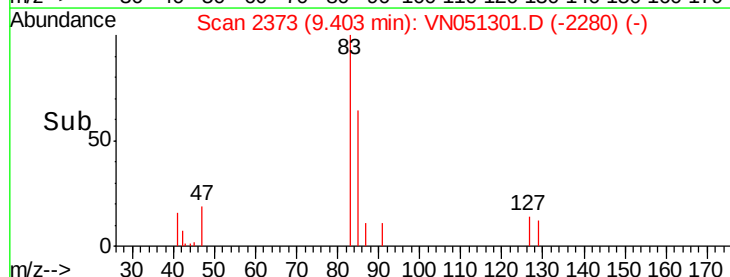
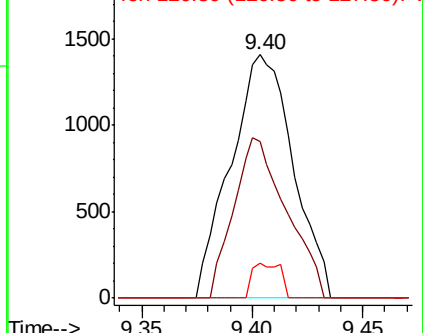
83 100

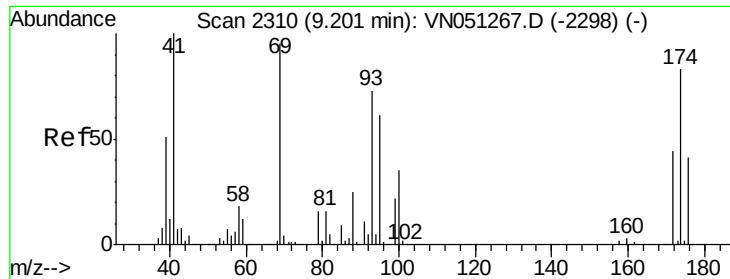
85 64.1 51.0 76.4

127 14.3 7.1 10.7#



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

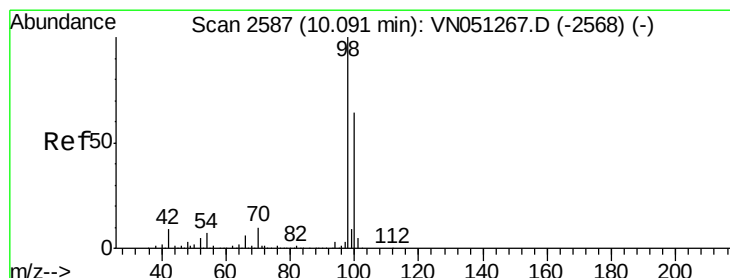
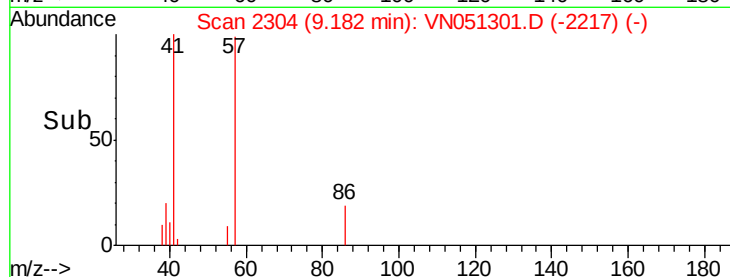
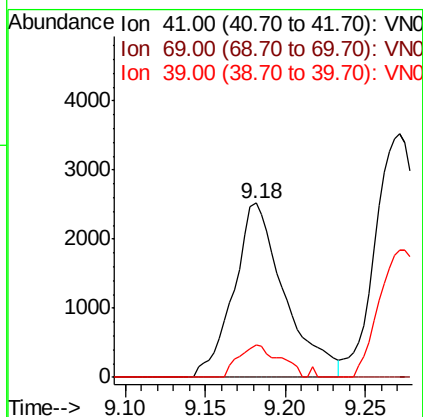
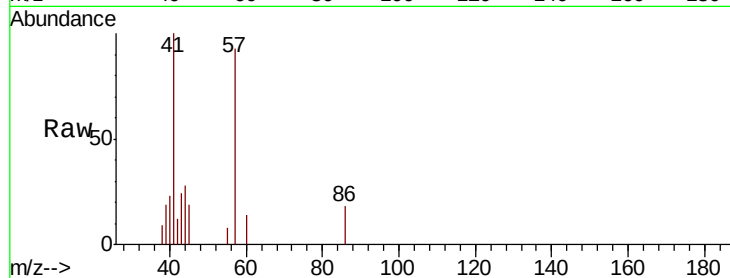




#48
Methyl methacrylate
Concen: 1.864 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

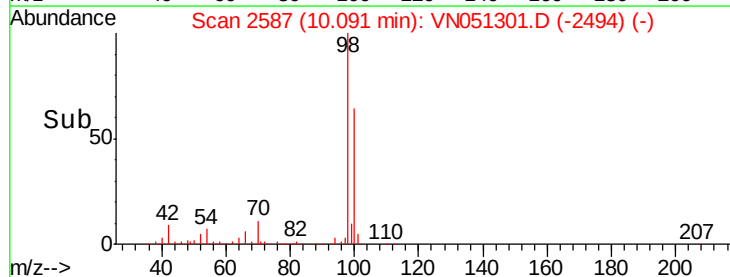
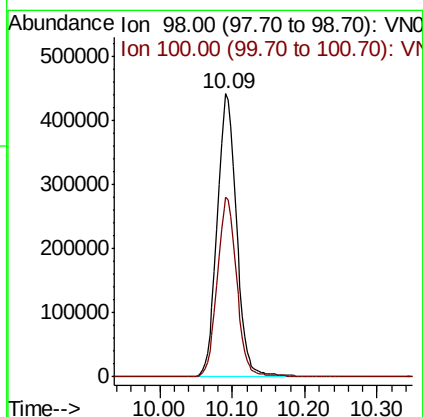
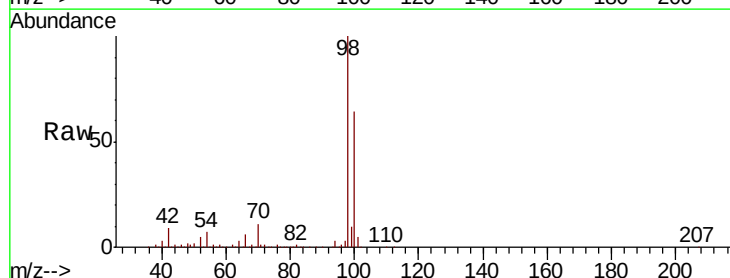
Instrument :
MSVOA_N
ClientSampled :
RB47195RT

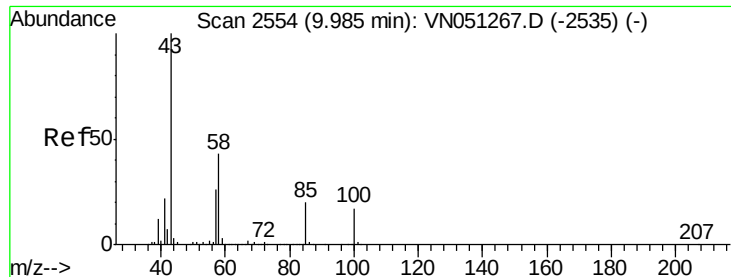
Tgt Ion: 41 Resp: 5475
Ion Ratio Lower Upper
41 100
69 0.0 78.9 118.3#
39 14.9 42.2 63.2#



#50
Toluene-d8
Concen: 45.103 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion: 98 Resp: 820740
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

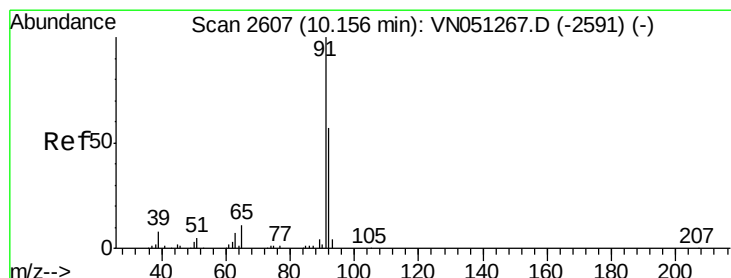
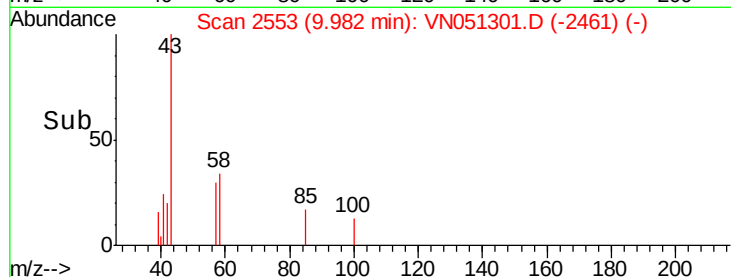
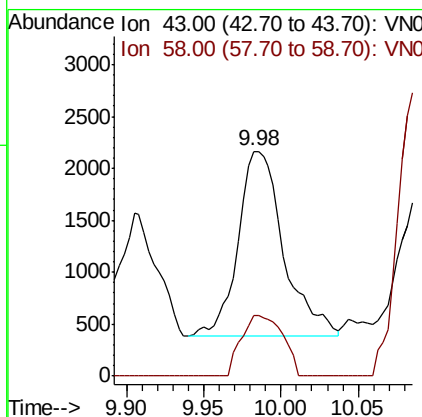
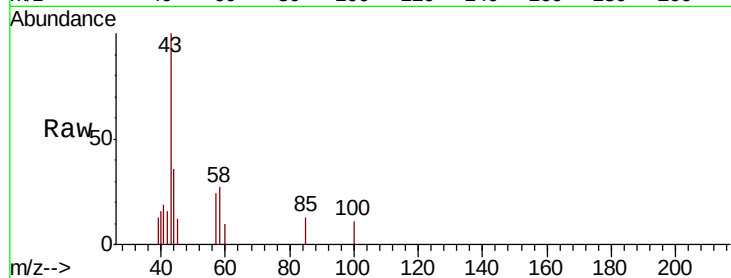




#51
 4-Methyl-2-Pentanone
 Concen: 1.164 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

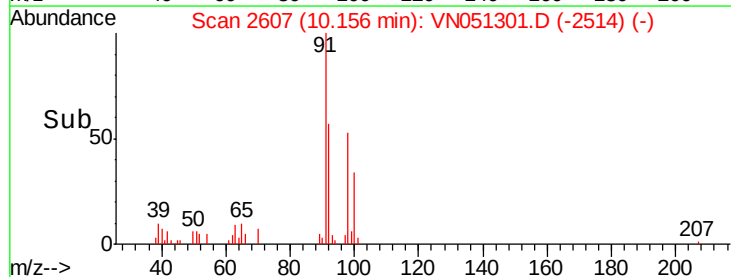
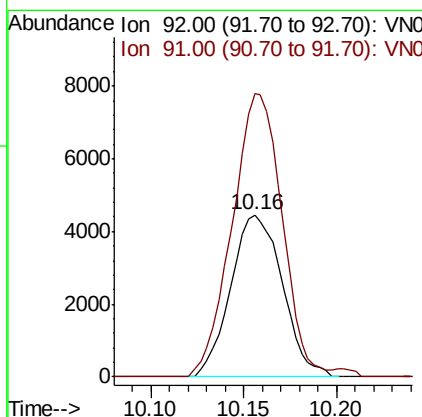
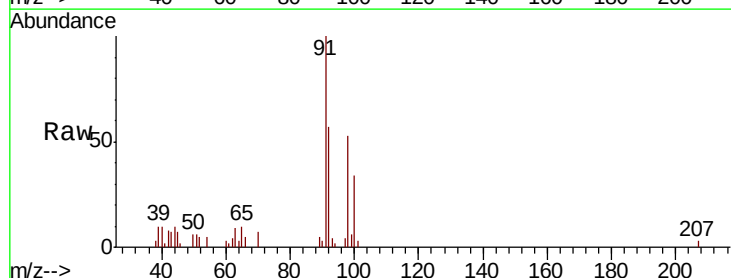
Instrument :
 MSVOA_N
 ClientSampleID :
 RB47195RT

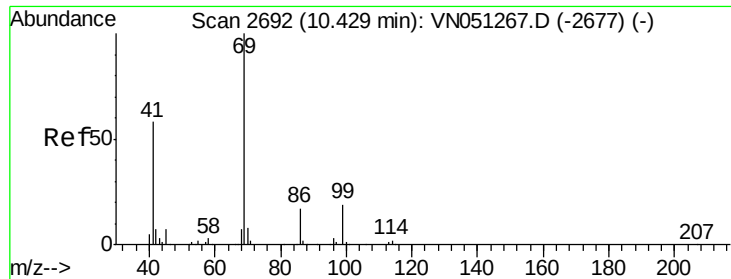
Tgt Ion: 43 Resp: 3663
 Ion Ratio Lower Upper
 43 100
 58 29.6 33.8 50.6#



#52
 Toluene
 Concen: 0.706 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

Tgt Ion: 92 Resp: 8627
 Ion Ratio Lower Upper
 92 100
 91 168.8 139.2 208.8





#56

Ethyl methacrylate

Concen: 2.095 ug/l

RT: 10.29 min Scan# 2648

Delta R.T. -0.14 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

RB47195RT

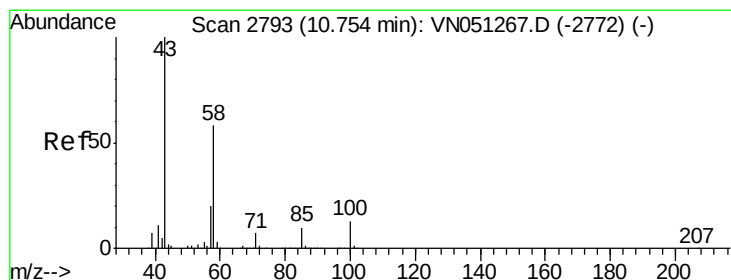
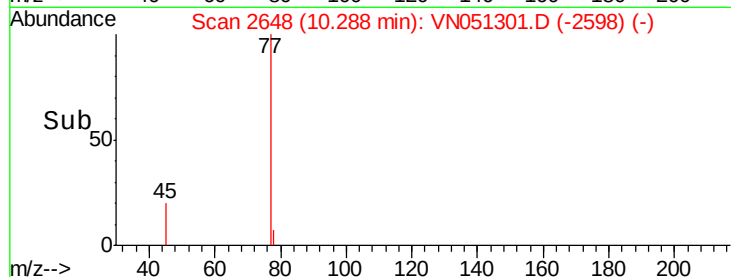
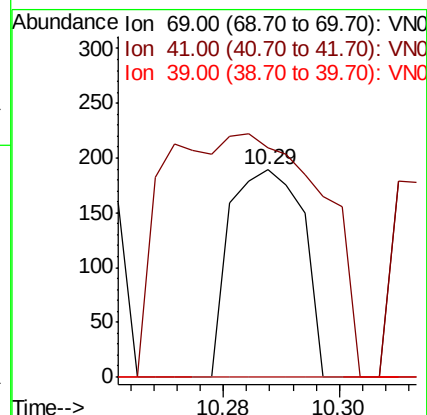
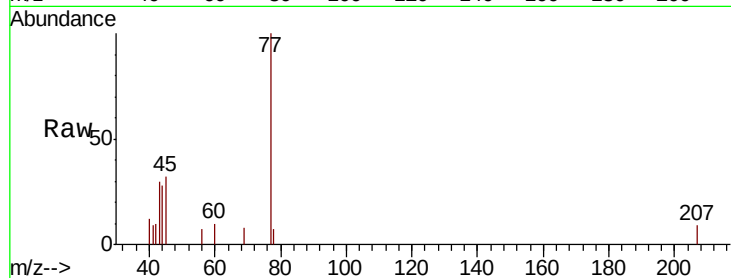
Tgt Ion: 69 Resp: 165

Ion Ratio Lower Upper

69 100

41 253.3 47.4 71.0#

39 0.0 23.7 35.5#



#59

2-Hexanone

Concen: 2.479 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051301.D

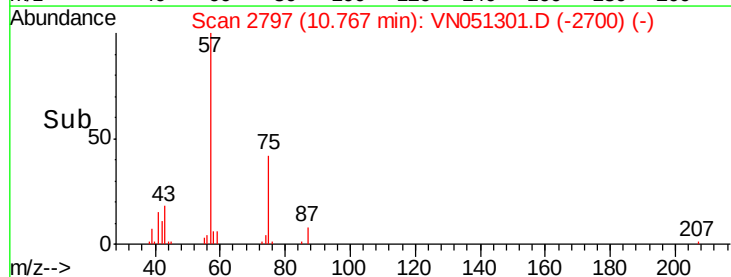
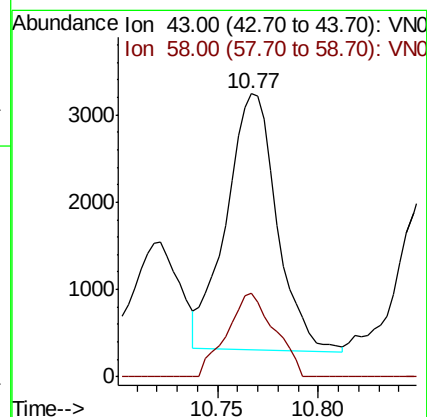
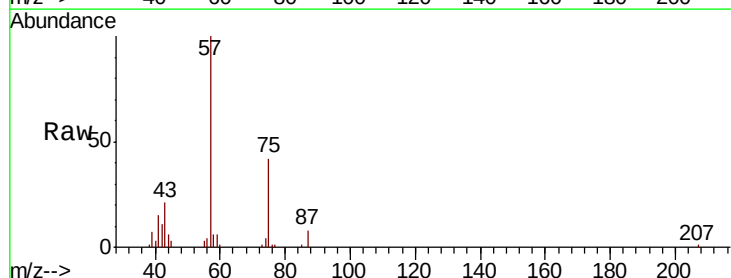
Acq: 18 Sep 2018 16:39

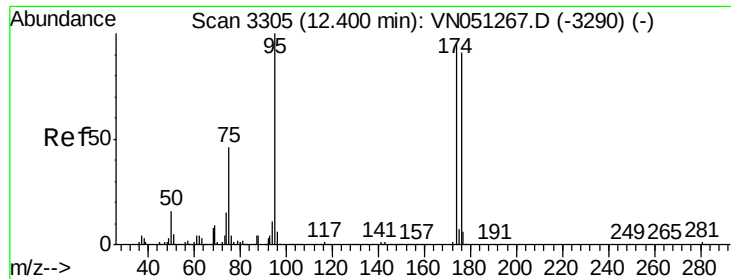
Tgt Ion: 43 Resp: 5138

Ion Ratio Lower Upper

43 100

58 30.7 28.9 86.8

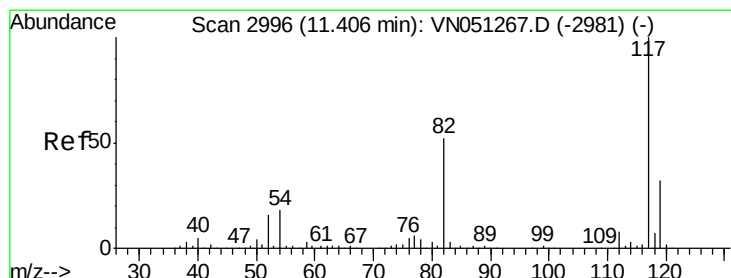
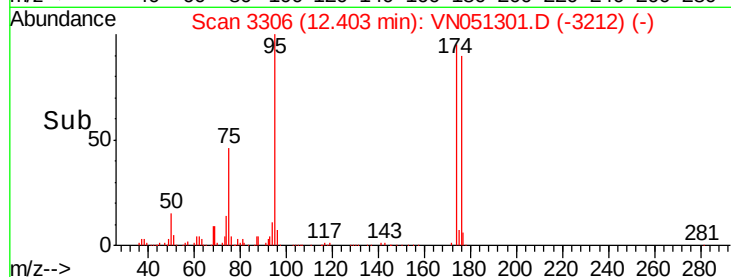
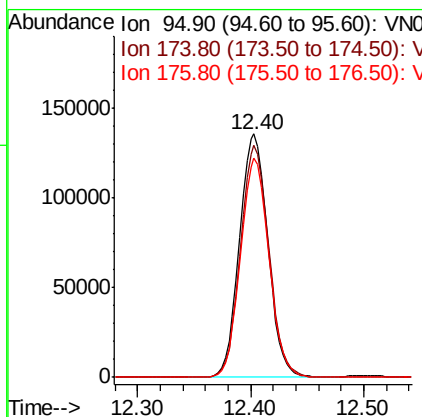
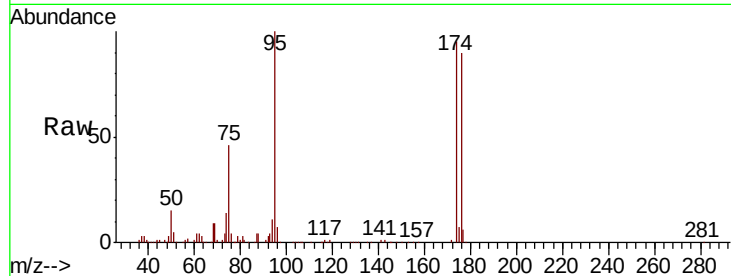




#62
4-Bromofluorobenzene
Concen: 41.119 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

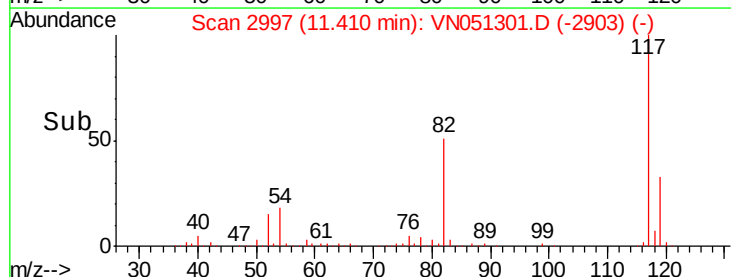
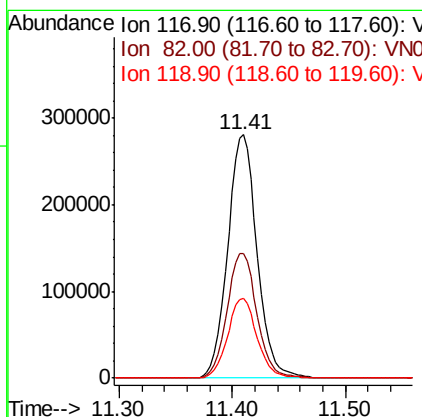
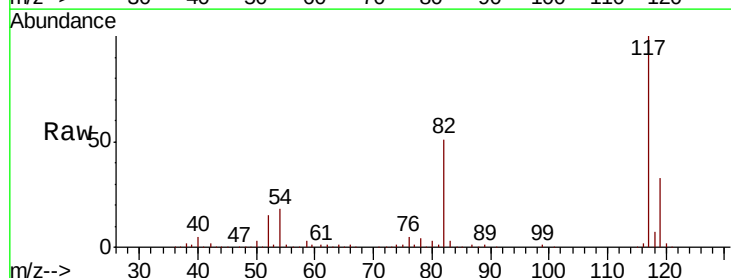
Instrument :
MSVOA_N
ClientSampleId :
RB47195RT

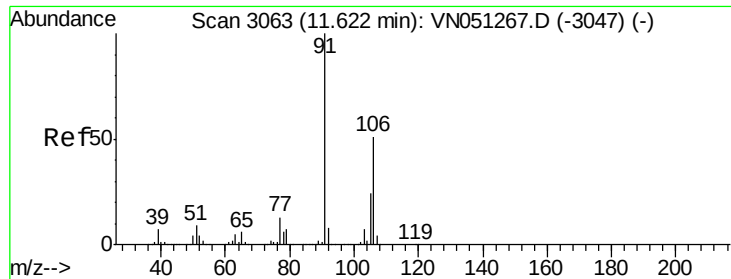
Tgt Ion: 95 Resp: 237993
Ion Ratio Lower Upper
95 100
174 95.2 0.0 189.6
176 90.0 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion: 117 Resp: 506393
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.8 25.6 38.4

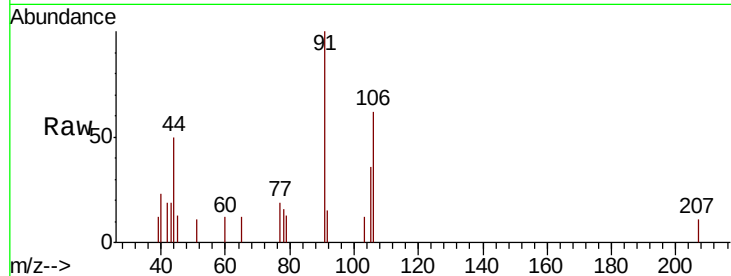




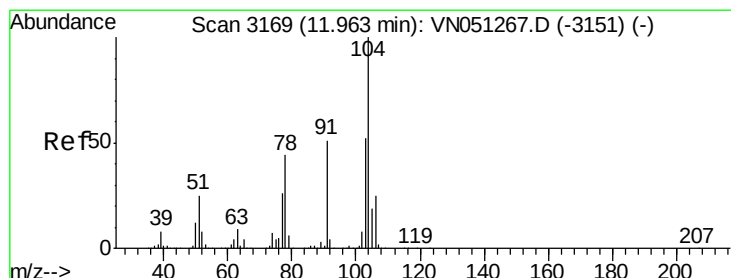
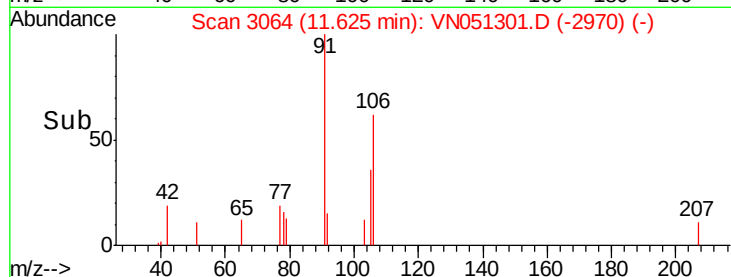
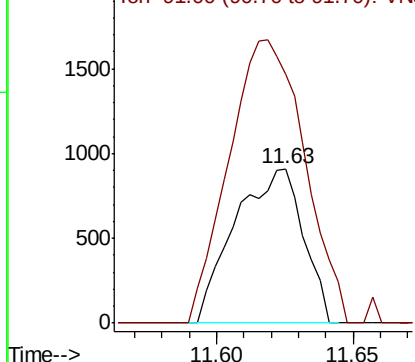
#68
m/p-Xylenes
Concen: 0.205 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Instrument :
MSVOA_N
ClientSampleId :
RB47195RT

Tgt Ion:106 Resp: 1590
Ion Ratio Lower Upper
106 100
91 202.1 158.6 238.0

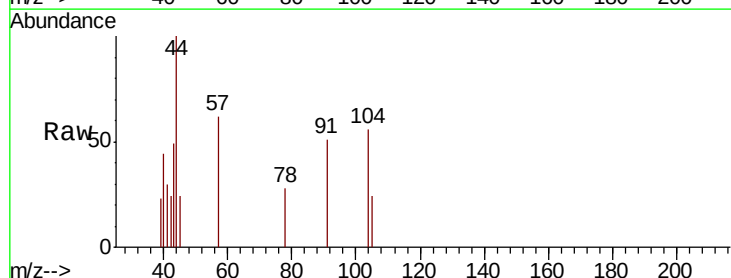


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

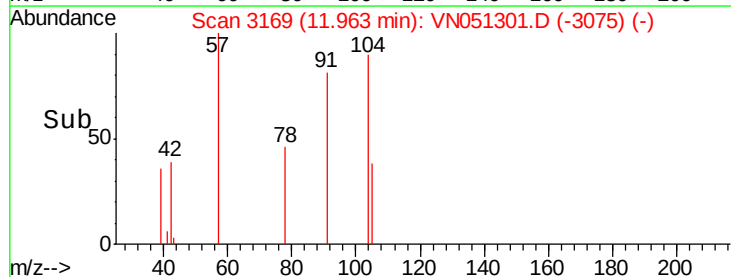
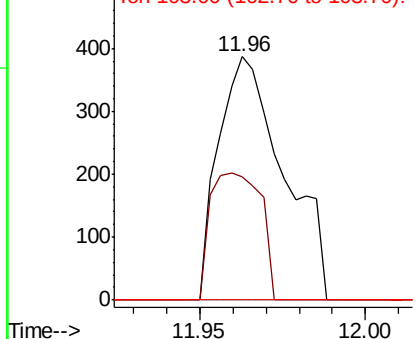


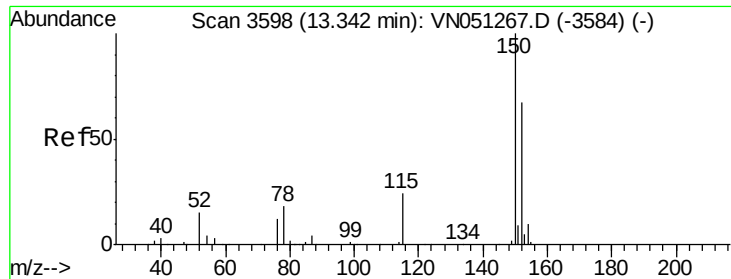
#70
Styrene
Concen: 1.283 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion:104 Resp: 532
Ion Ratio Lower Upper
104 100
78 40.0 38.1 57.1
103 0.0 44.8 67.2#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

RB47195RT

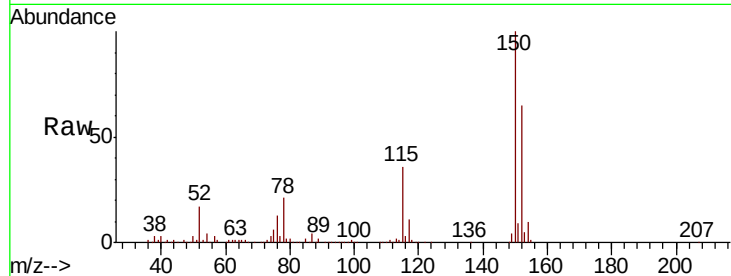
Tgt Ion:152 Resp: 168055

Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.2

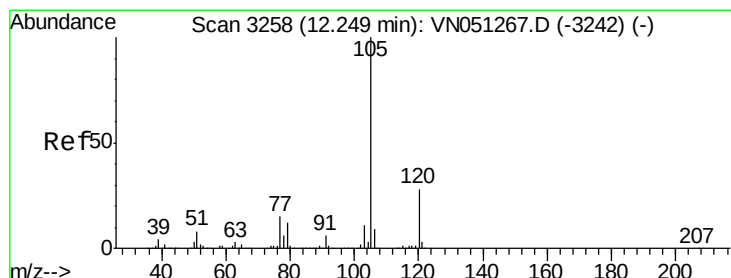
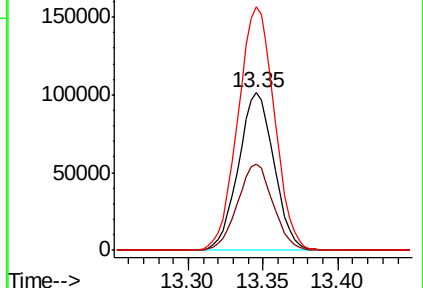
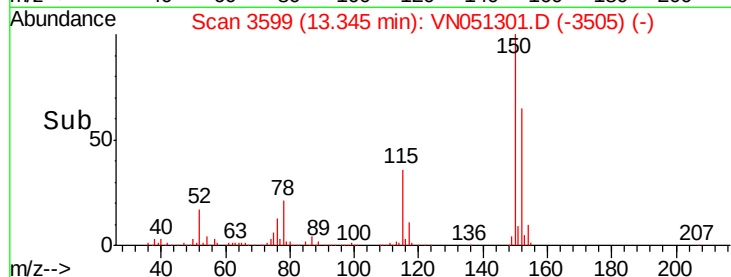
150 158.3 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.856 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051301.D

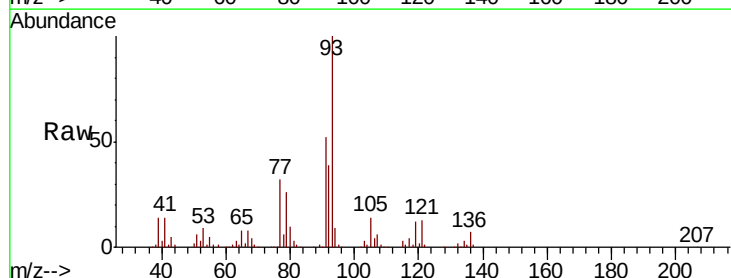
Acq: 18 Sep 2018 16:39

Tgt Ion:105 Resp: 26305

Ion Ratio Lower Upper

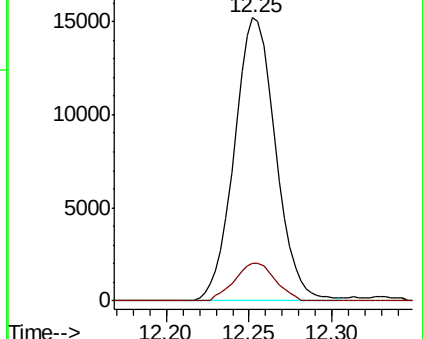
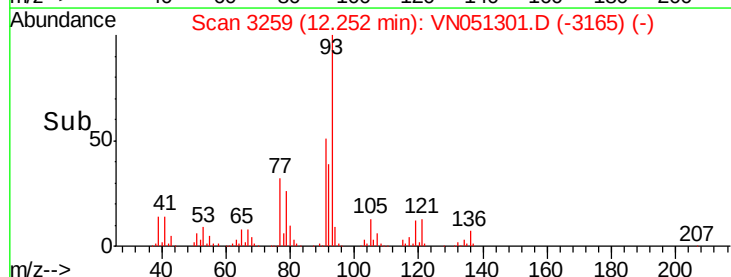
105 100

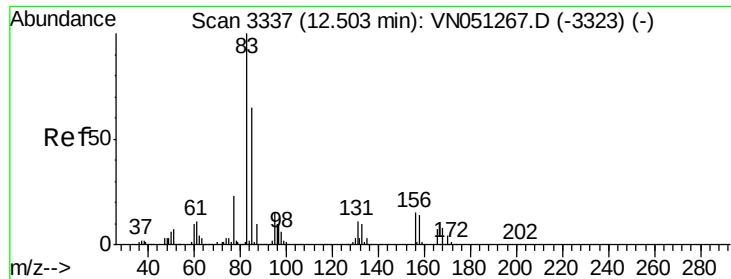
120 13.1 13.8 41.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.44 min Scan# 3317

Delta R.T. -0.06 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

RB47195RT

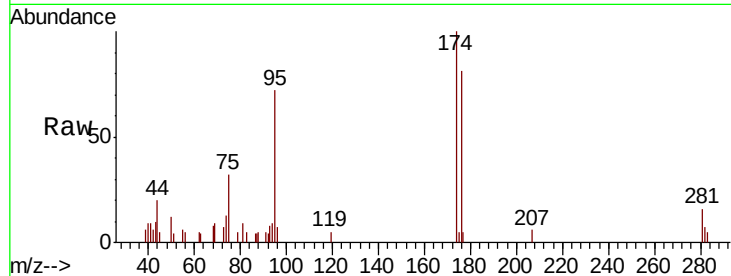
Tgt Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 0.0 32.3 96.9#

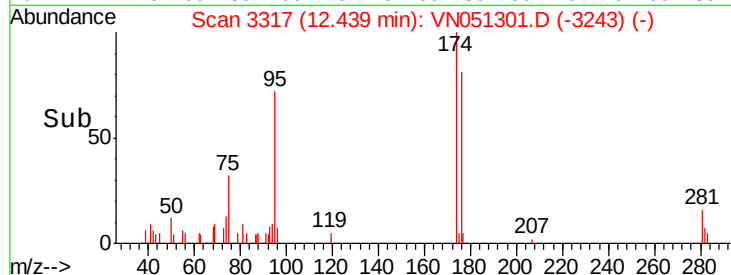


Abundance Ion 82.90 (82.60 to 83.60): VN051301.D (-3243) (-)

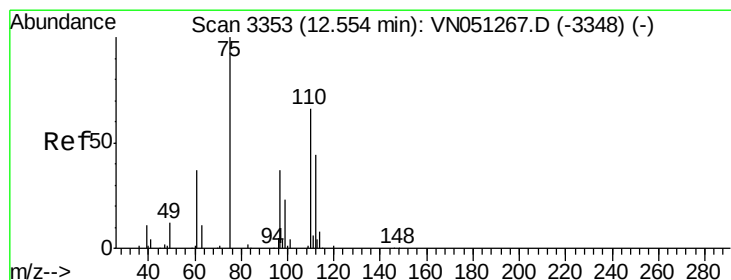
Ion 130.80 (130.50 to 131.50): VN051301.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051301.D (-3243) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 47.199 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051301.D

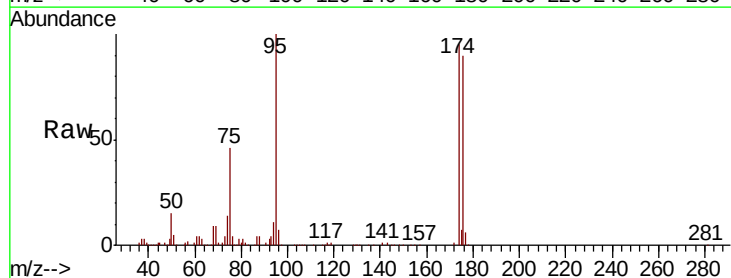
Acq: 18 Sep 2018 16:39

Tgt Ion: 75 Resp: 108787

Ion Ratio Lower Upper

75 100

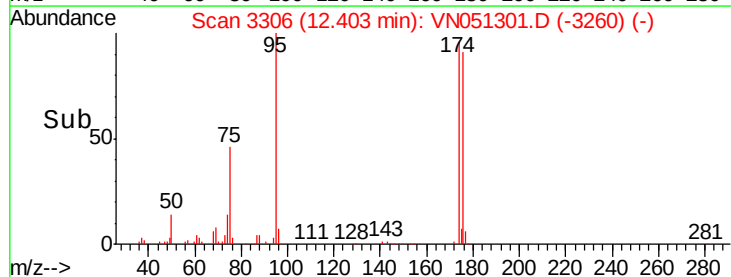
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051301.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051301.D (-3260) (-)

Time-->



Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

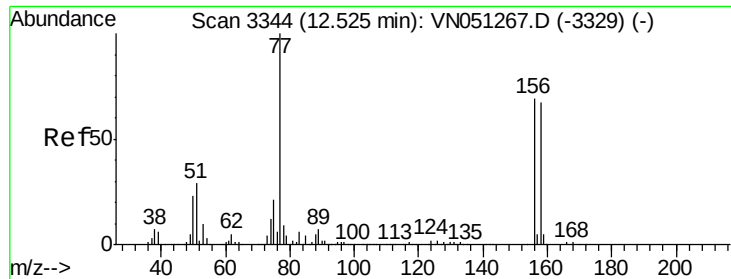
Time-->

Time-->

Time-->

Time-->

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.55 min Scan# 3351

Delta R.T. 0.02 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

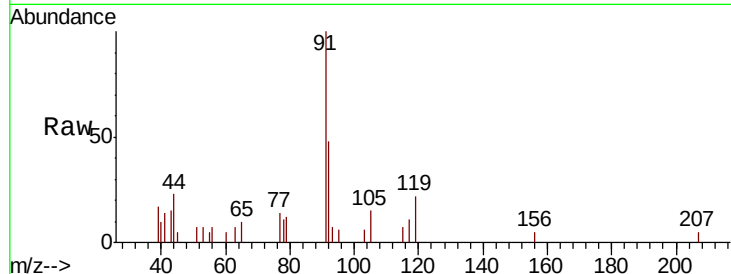
Instrument :

MSVOA_N

ClientSampleId :

RB47195RT

Tgt Ion:	156	Resp:	63
Ion	Ratio	Lower	Upper
156	100		
77	0.0	83.7	251.1#
158	0.0	49.0	147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V

Time-->

12.54 12.55

200

400

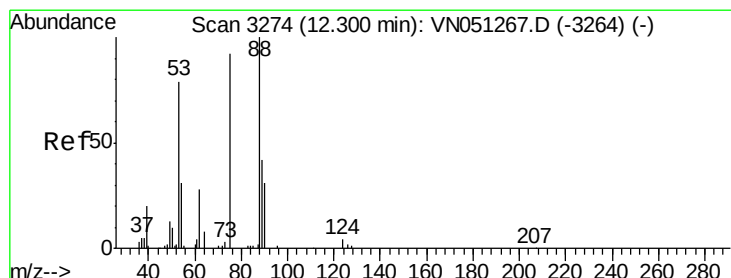
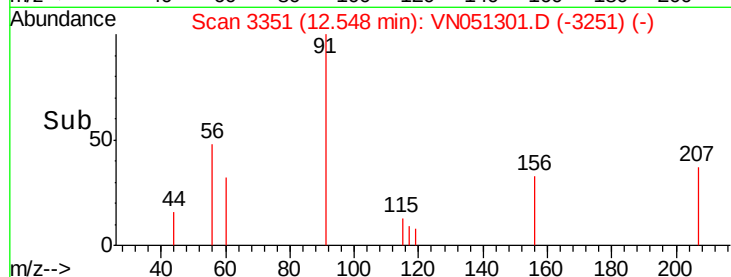
600

12.54 12.55

Time-->

12.54 12.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 143.773 ug/l

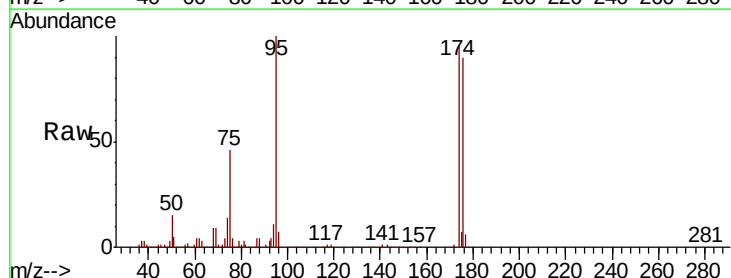
RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Tgt Ion:	75	Resp:	108787
Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.7	101.5#
89	0.0	36.9	55.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

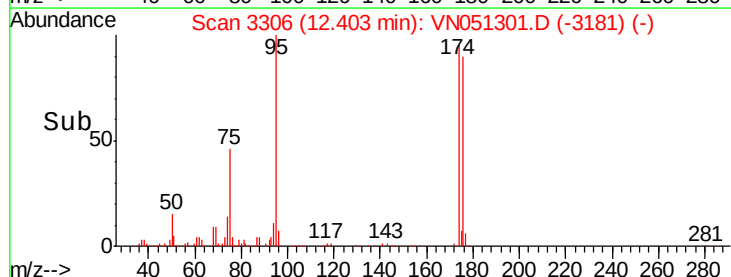
Ion 88.90 (88.60 to 89.60): VNO

Time-->

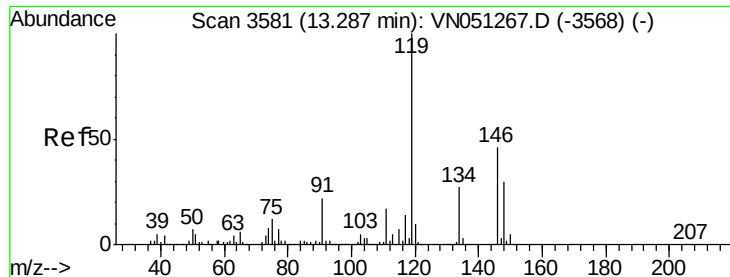
12.35 12.40 12.45

Time-->

Time-->



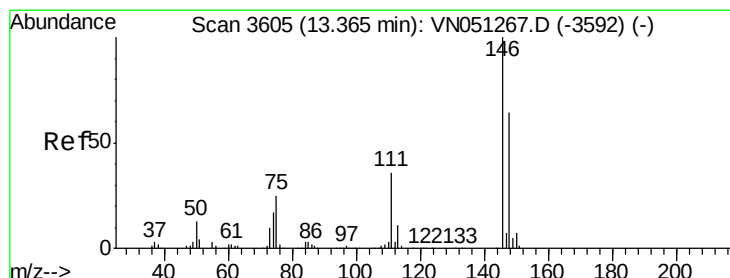
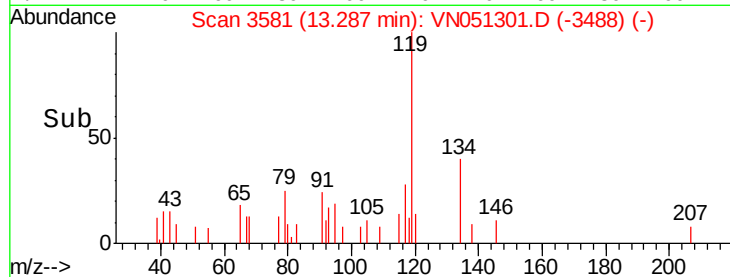
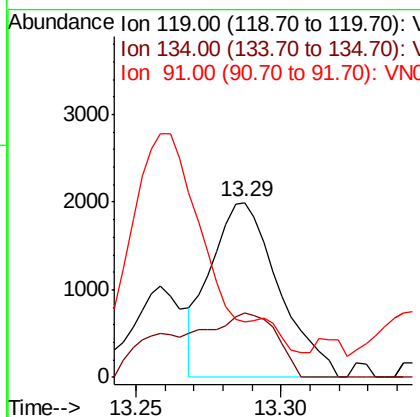
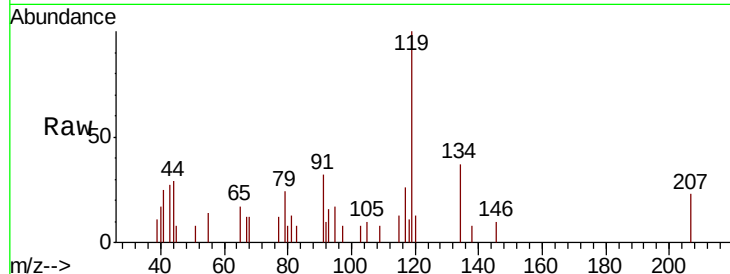
Time-->



#86
 p-Isopropyltoluene
 Concen: 0.306 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

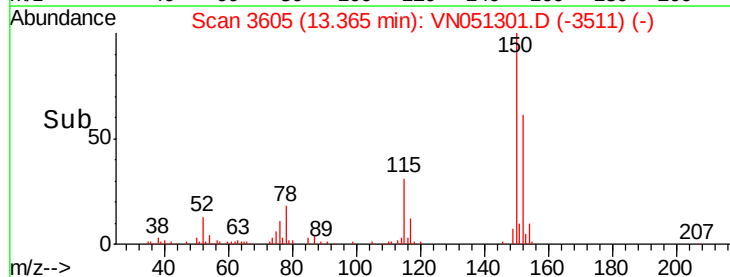
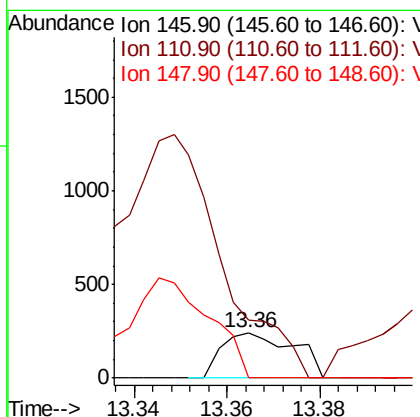
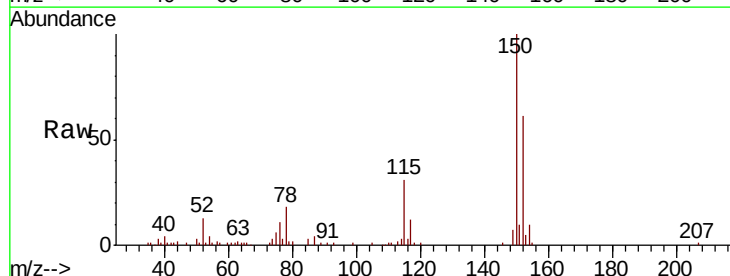
Instrument :
 MSVOA_N
 ClientSampleId :
 RB47195RT

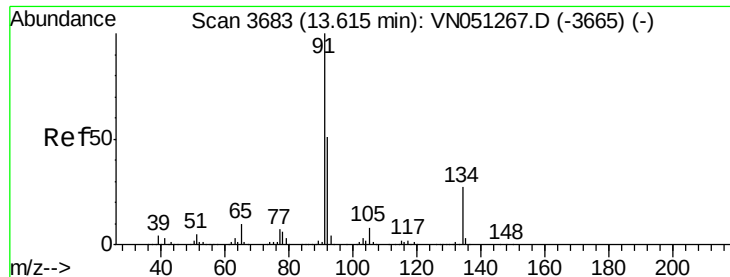
Tgt Ion:119 Resp: 3259
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 0.0 11.1 33.1#



#88
 1,4-Dichlorobenzene
 Concen: 0.455 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

Tgt Ion:146 Resp: 261
 Ion Ratio Lower Upper
 146 100
 111 846.0 18.2 54.6#
 148 266.3 31.9 95.7#

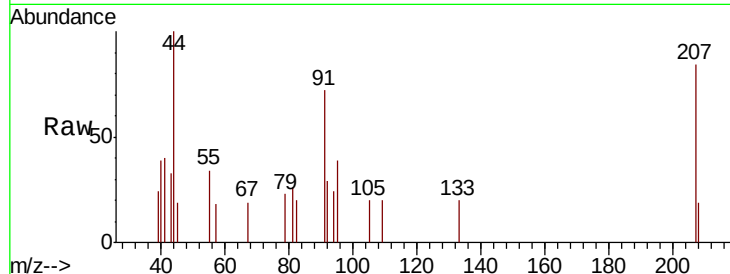




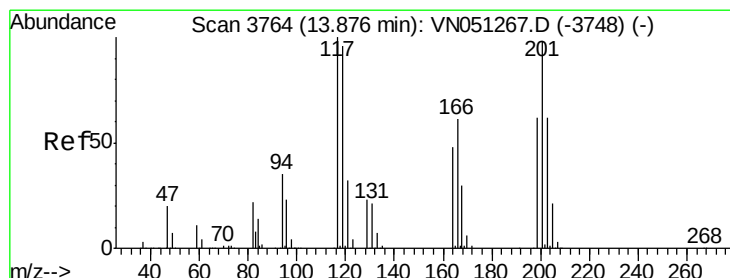
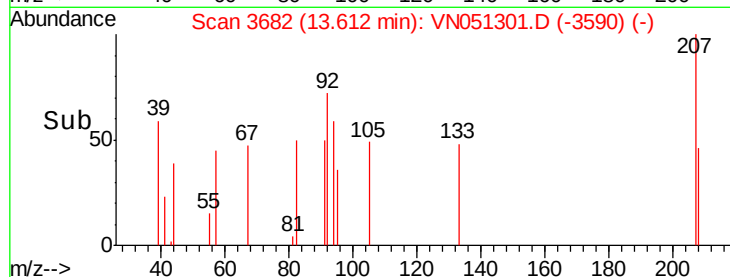
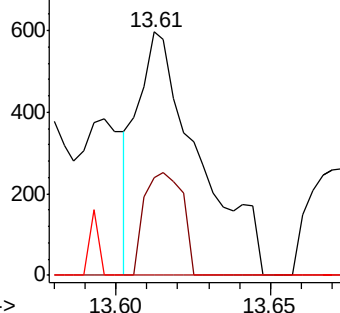
#89
n-Butylbenzene
Concen: 2.108 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Instrument :
MSVOA_N
ClientSampleId :
RB47195RT

Tgt Ion: 91 Resp: 826
Ion Ratio Lower Upper
91 100
92 26.0 25.8 77.4
134 0.0 13.7 41.0#

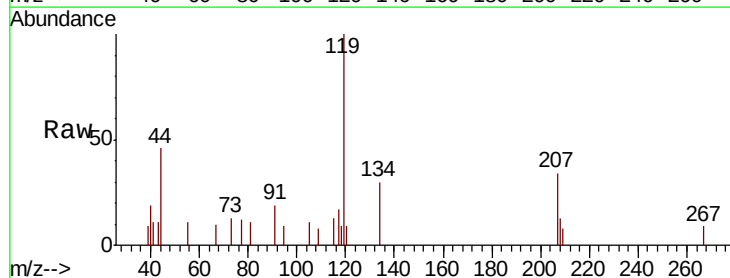


Abundance Ion 91.00 (90.70 to 91.70): VN051267.D (-3665) (-)
Ion 92.00 (91.70 to 92.70): VN051267.D (-3665) (-)
Ion 134.00 (133.70 to 134.70): VN051267.D (-3665) (-)

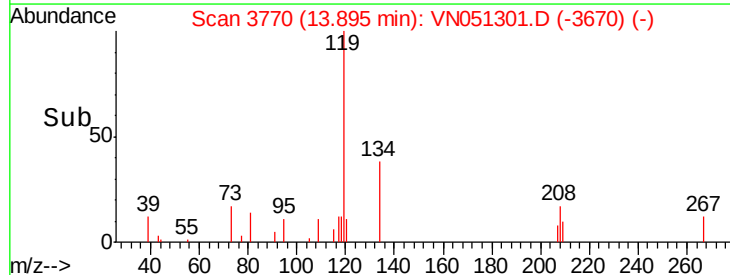
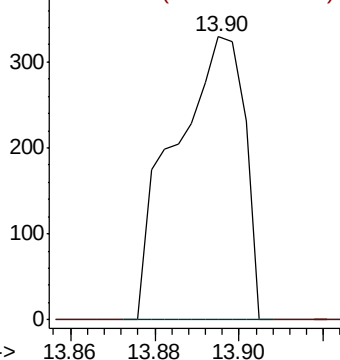


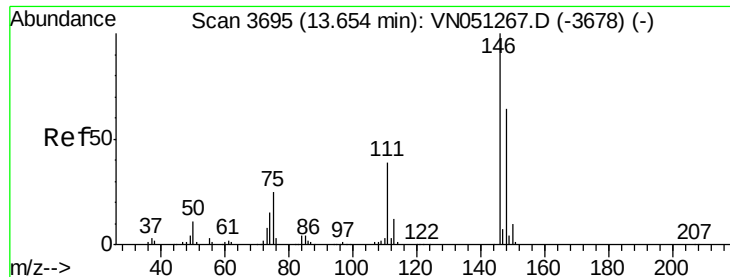
#90
Hexachloroethane
Concen: Below Cal
RT: 13.90 min Scan# 3770
Delta R.T. 0.02 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion: 117 Resp: 379
Ion Ratio Lower Upper
117 100
201 0.0 48.4 145.3#



Abundance Ion 116.80 (116.50 to 117.50): VN051267.D (-3748) (-)
Ion 200.70 (200.40 to 201.40): VN051267.D (-3748) (-)

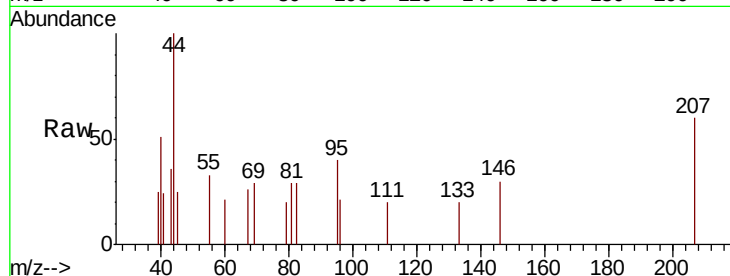




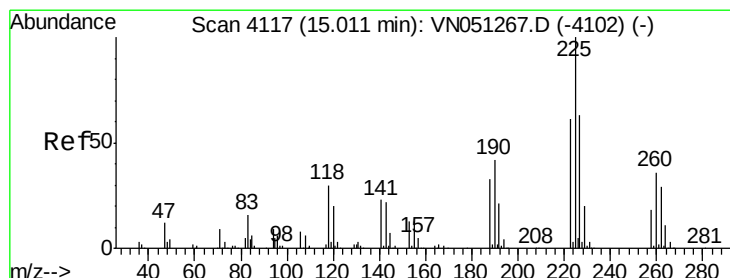
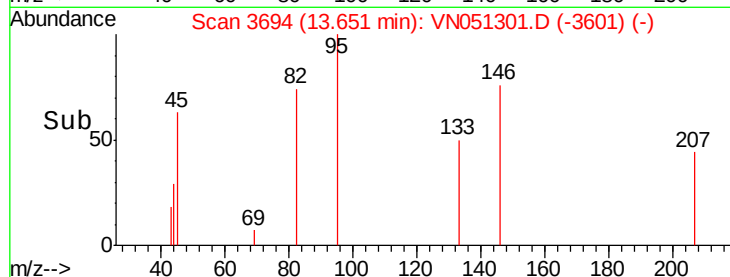
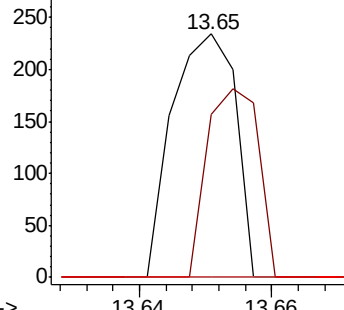
#91
1,2-Dichlorobenzene
Concen: Below Cal
RT: 13.65 min Scan# 3694
Delta R.T. -0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Instrument :
MSVOA_N
ClientSampleId :
RB47195RT

Tgt Ion:146 Resp: 155
Ion Ratio Lower Upper
146 100
111 63.2 19.6 58.7#
148 0.0 31.9 95.9#

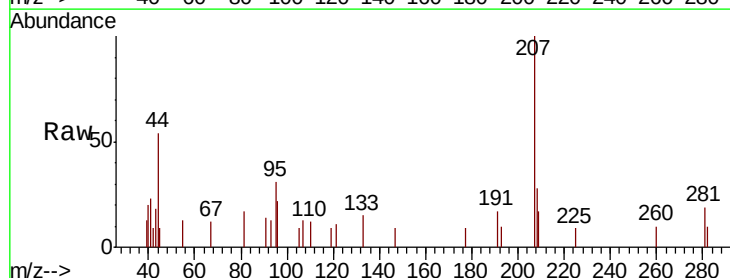


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

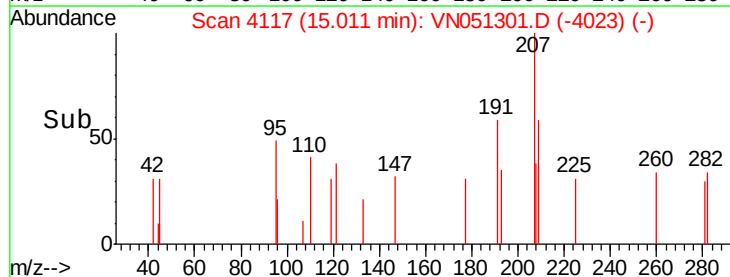
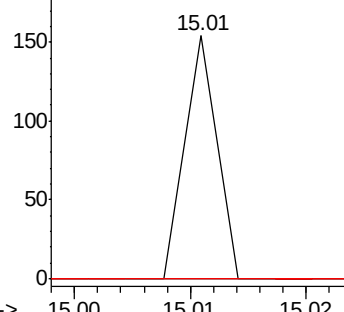


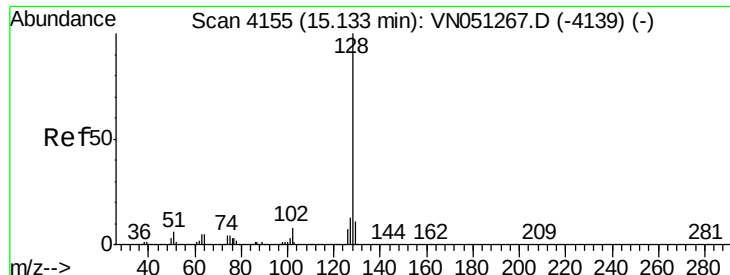
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion:225 Resp: 30
Ion Ratio Lower Upper
225 100
223 0.0 30.8 92.3#
227 0.0 32.1 96.3#



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: 10.502 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

RB47195RT

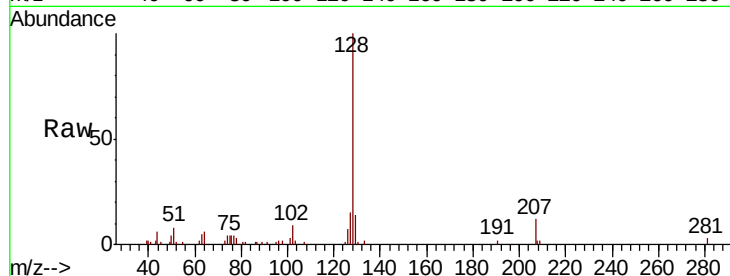
Tgt Ion:128 Resp: 27313

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

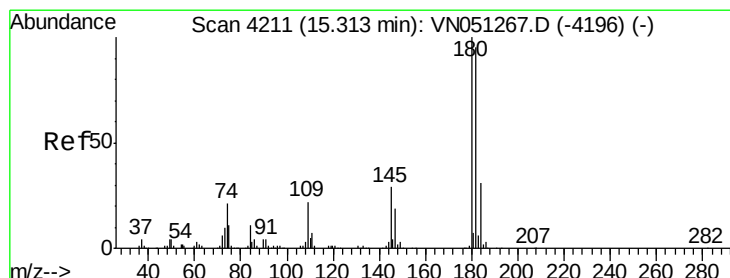
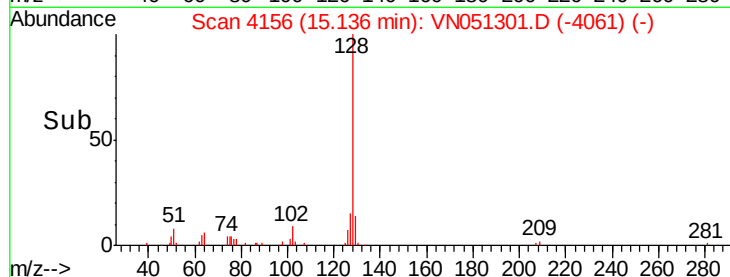
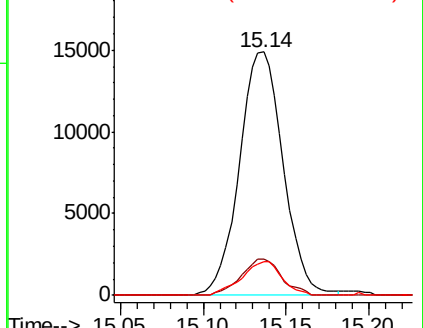
129 12.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.897 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

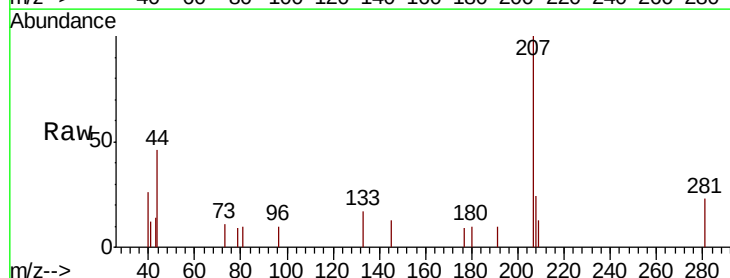
Tgt Ion:180 Resp: 100

Ion Ratio Lower Upper

180 100

182 92.0 47.5 142.6

145 319.0 14.8 44.4#



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

