

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111518\
 Data File : VN052335.D
 Acq On : 15 Nov 2018 11:43
 Operator : MD\SY
 Sample : J5939-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 02:50:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	322159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	545984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	442341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147978	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	222533	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	7.59	113	171491	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	10.09	98	667805	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.40	95	188500	41.36	ug/l	0.00
Spiked Amount			Recovery	=	82.72%	

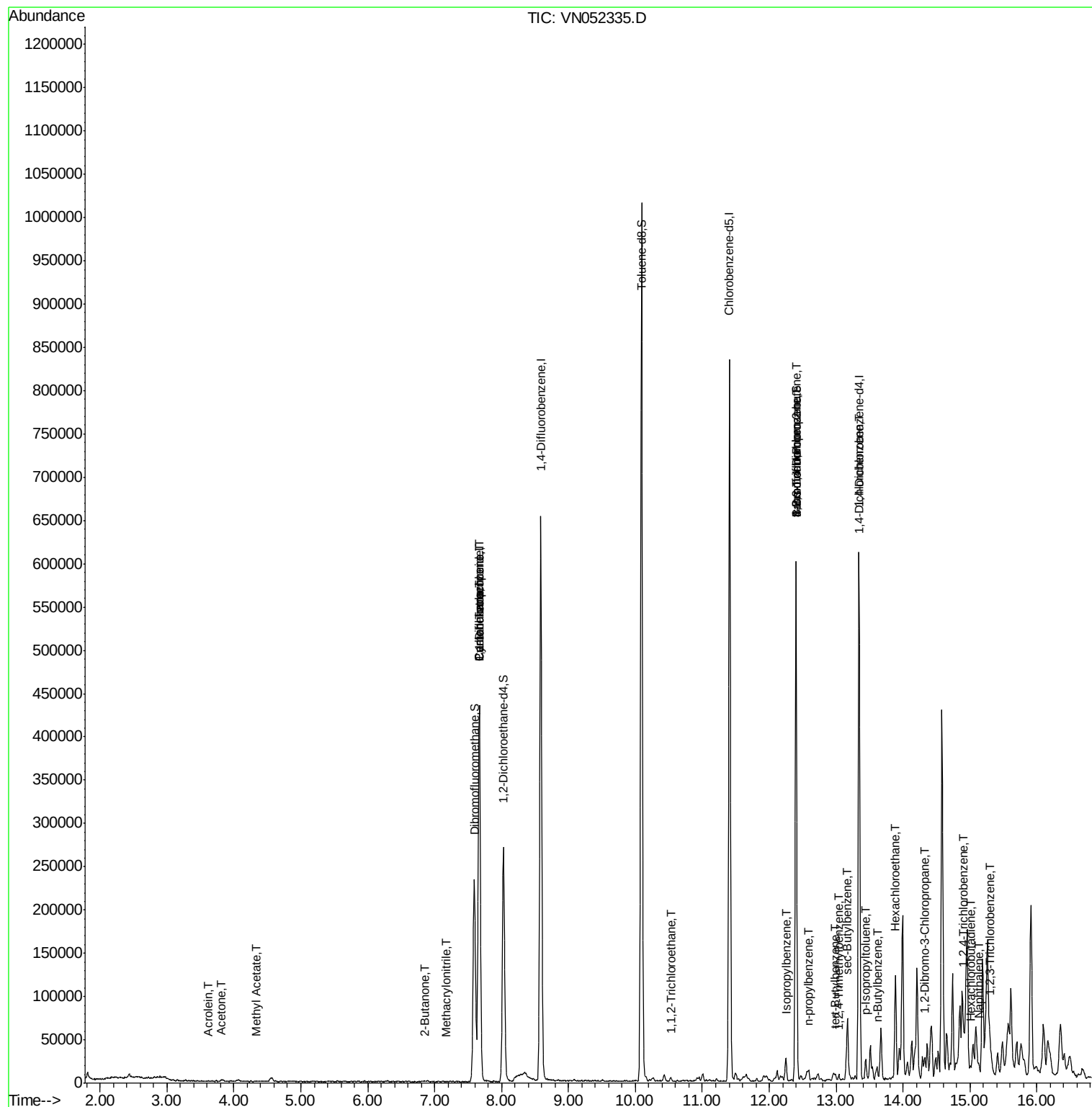
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	291	22.503	ug/l #	77
16) Acetone	3.82	43	3821	3.050	ug/l	99
18) Methyl Acetate	4.33	43	949	0.700	ug/l #	57
20) Methylene Chloride	4.54	84	1300	Below Cal		90
25) 2-Butanone	6.85	43	511	0.290	ug/l #	52
31) Cyclohexane	7.66	56	9767	0.359	ug/l #	18
36) 1,1-Dichloropropene	7.67	75	29559	5.401	ug/l #	51
38) Carbon Tetrachloride	7.67	117	35161	6.994	ug/l #	16
41) Methacrylonitrile	7.18	41	301	3.822	ug/l #	100
55) 1,1,2-Trichloroethane	10.53	97	1270	0.375	ug/l #	13
71) Bromoform	12.40	173	1810	0.961	ug/l #	1
73) Isopropylbenzene	12.25	105	14843	1.248	ug/l	94
76) 1,2,3-Trichloropropane	12.40	75	105548	42.036	ug/l #	100
78) n-propylbenzene	12.59	91	9183	0.660	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	105548	136.338	ug/l #	5
83) tert-Butylbenzene	12.99	119	3202	0.383	ug/l	82
84) 1,2,4-Trimethylbenzene	13.04	105	3469	0.365	ug/l	88
85) sec-Butylbenzene	13.17	105	44805	3.938	ug/l	94
86) p-Isopropyltoluene	13.44	119	10844	1.125	ug/l	91
88) 1,4-Dichlorobenzene	13.35	146	1351	0.276	ug/l #	1
89) n-Butylbenzene	13.61	91	8430	1.018	ug/l	93
90) Hexachloroethane	13.89	117	6681	3.914	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.32	75	176	0.415	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.90	180	1887	3.070	ug/l #	1
94) Hexachlorobutadiene	15.01	225	570	0.523	ug/l	94
95) Naphthalene	15.13	128	6406	3.764	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.31	180	2264	1.251	ug/l #	82

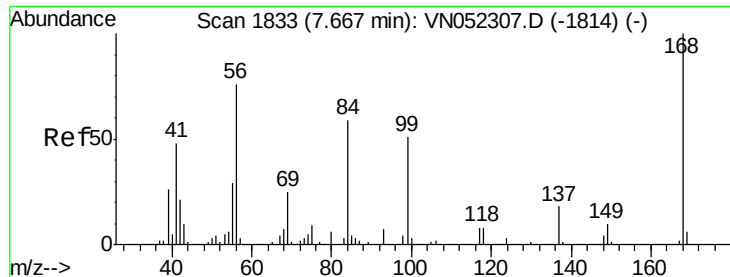
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111518\
Data File : VN052335.D
Acq On : 15 Nov 2018 11:43
Operator : MD\SY
Sample : J5939-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 16 02:50:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

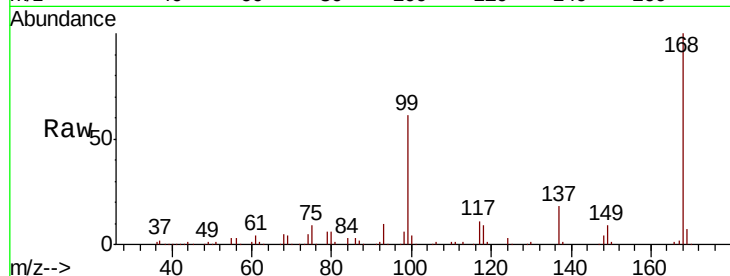
ClientSampleId :

Tot Ion:168 Resp: 322159

Ion Ratio Lower Upper

168 100

99 60.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

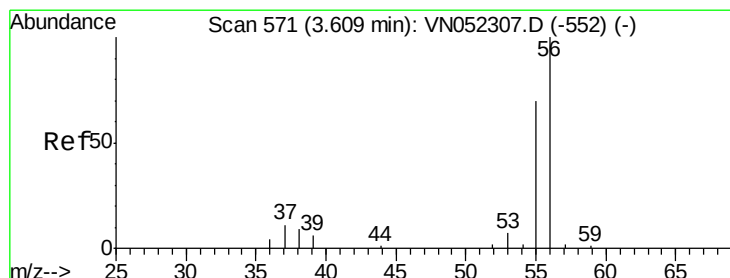
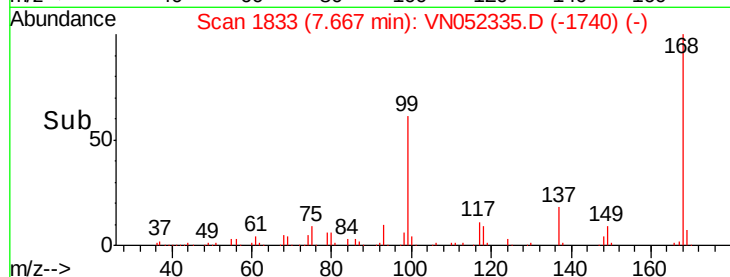
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#13

Acrolein

Concen: 22.503 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN052335.D

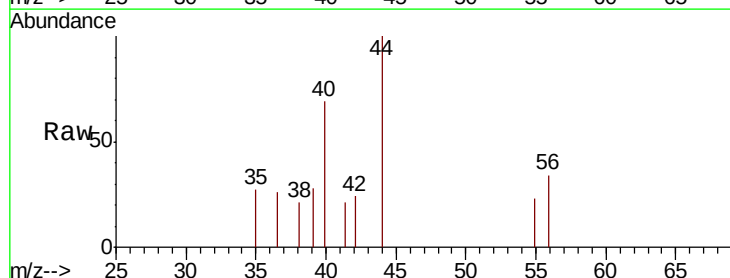
Acq: 15 Nov 2018 11:43

Tgt Ion: 56 Resp: 291

Ion Ratio Lower Upper

56 100

55 52.9 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.62

300

250

200

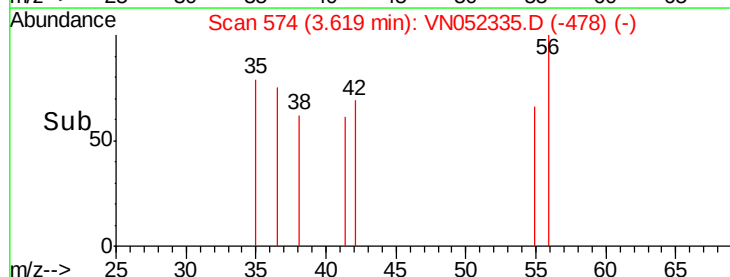
150

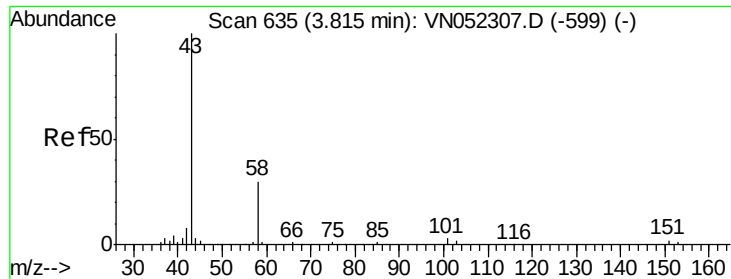
100

50

0

Time--> 3.60 3.62 3.64





#16

Acetone

Concen: 3.050 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

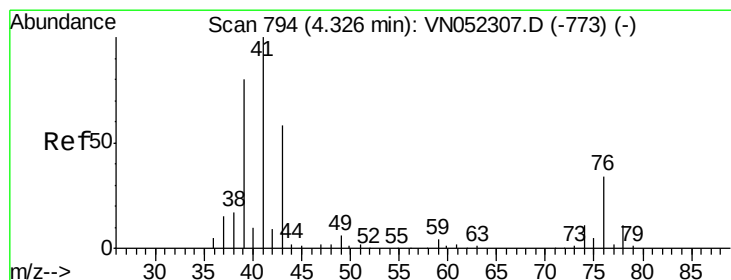
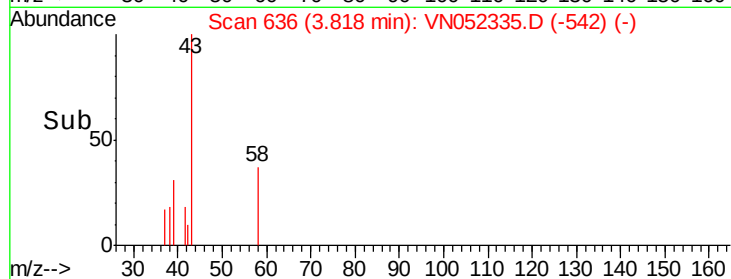
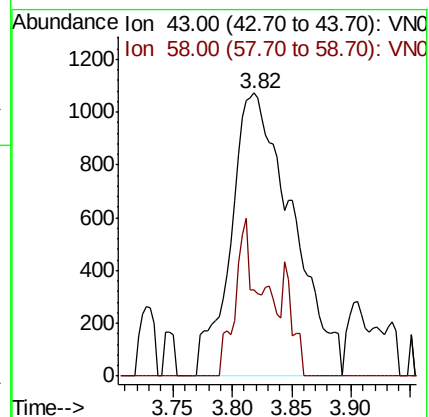
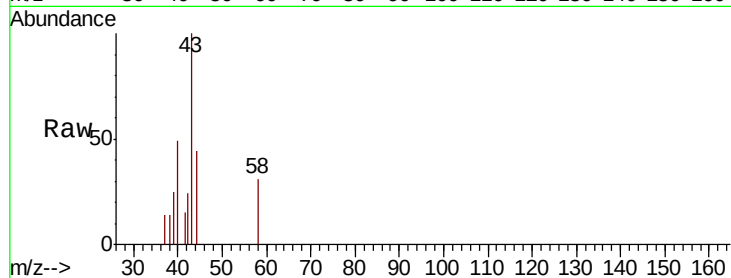
ClientSampled :

Tot Ion: 43 Resp: 3821

Ion Ratio Lower Upper

43 100

58 30.7 24.2 36.4



#18

Methyl Acetate

Concen: 0.700 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052335.D

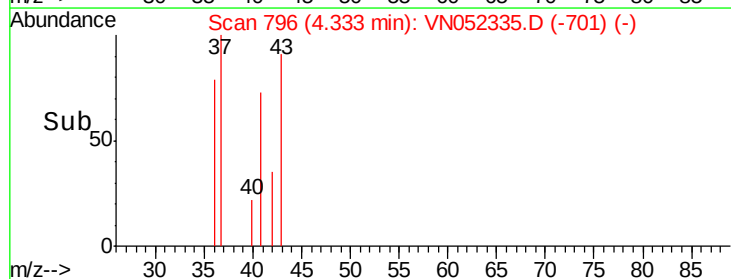
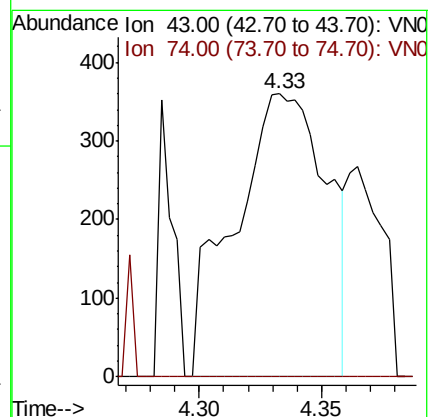
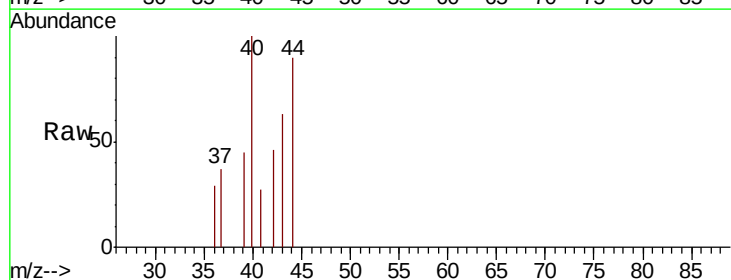
Acq: 15 Nov 2018 11:43

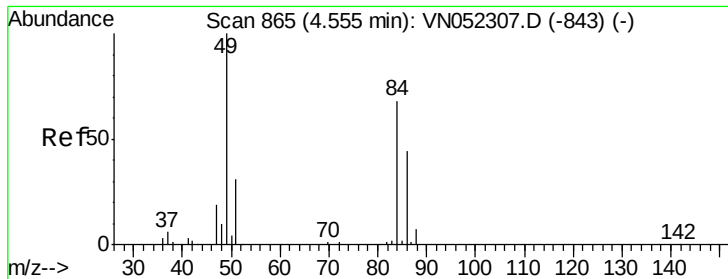
Tgt Ion: 43 Resp: 949

Ion Ratio Lower Upper

43 100

74 0.0 15.9 23.9#





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.54 min Scan# 862

Delta R.T. -0.01 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 1300

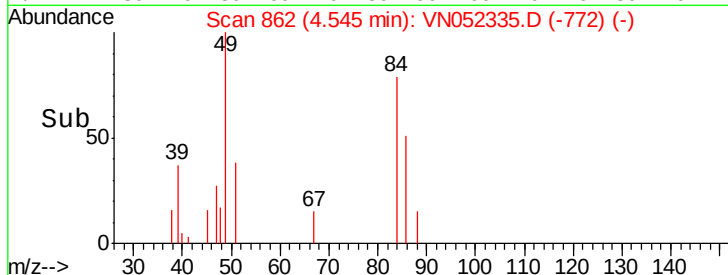
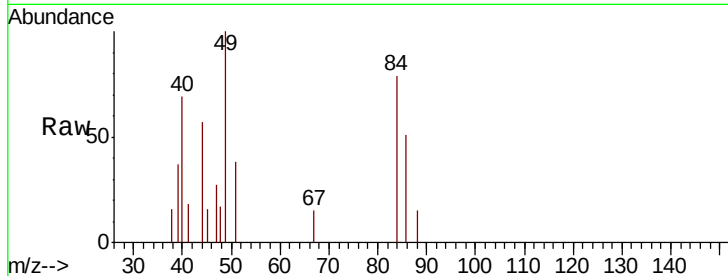
Ion Ratio Lower Upper

84 100

49 126.9 118.2 177.2

51 48.7 36.1 54.1

86 64.4 51.6 77.4

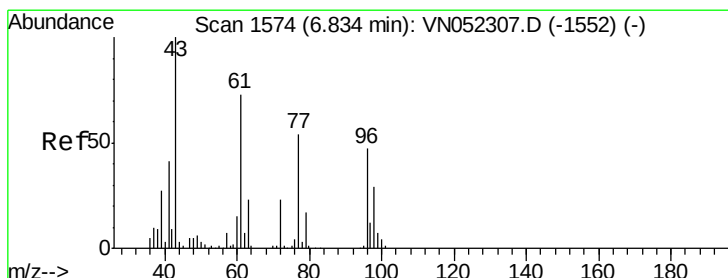
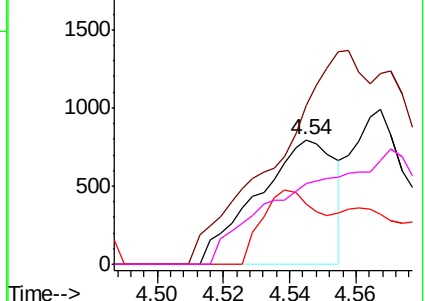


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.290 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN052335.D

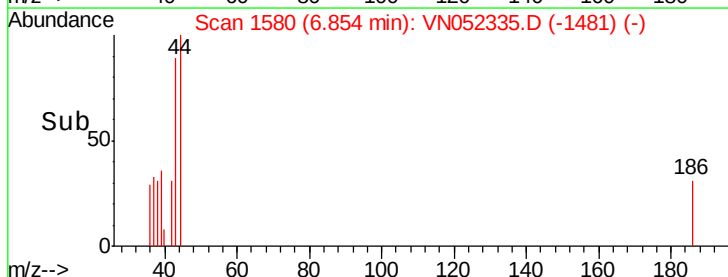
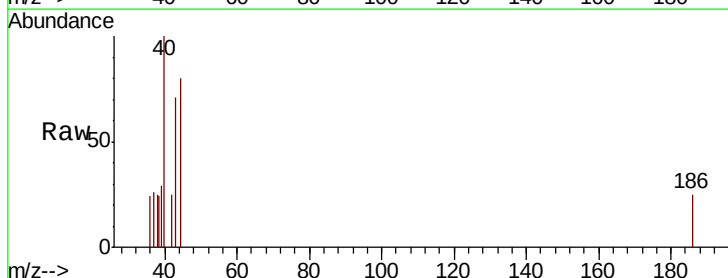
Acq: 15 Nov 2018 11:43

Tgt Ion: 43 Resp: 511

Ion Ratio Lower Upper

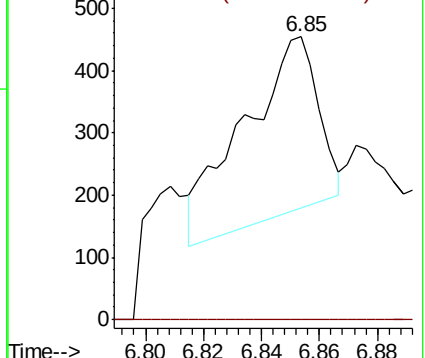
43 100

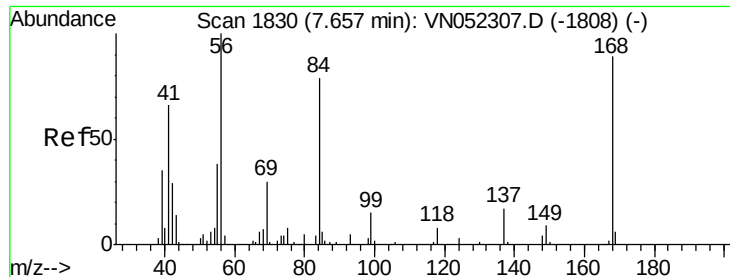
72 0.0 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

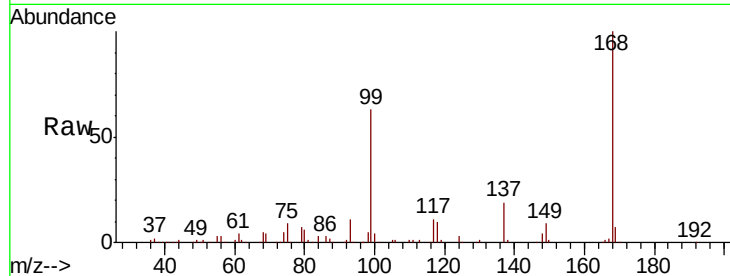




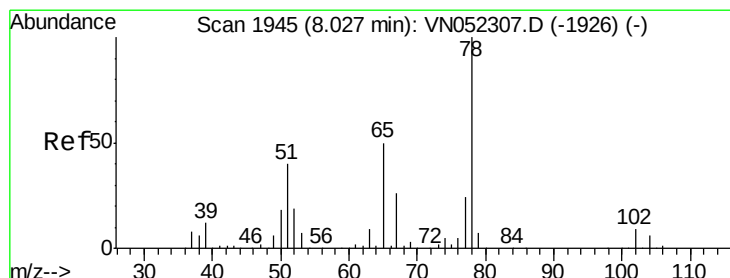
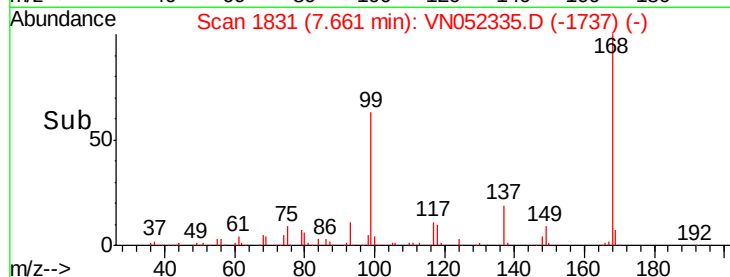
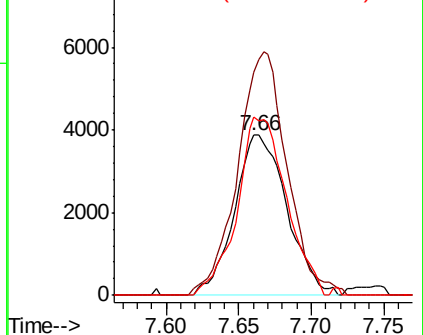
#31
Cyclohexane
Concen: 0.359 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 9767
Ion Ratio Lower Upper
56 100
69 139.1 23.8 35.8#
84 110.9 63.0 94.6#

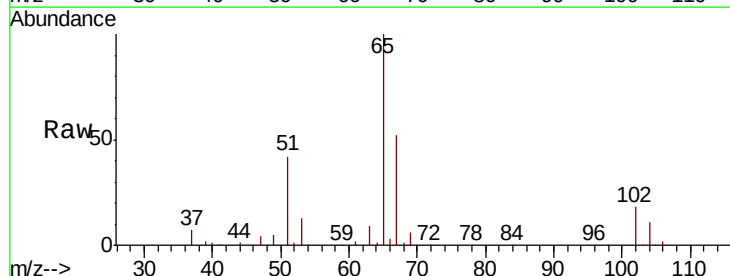


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

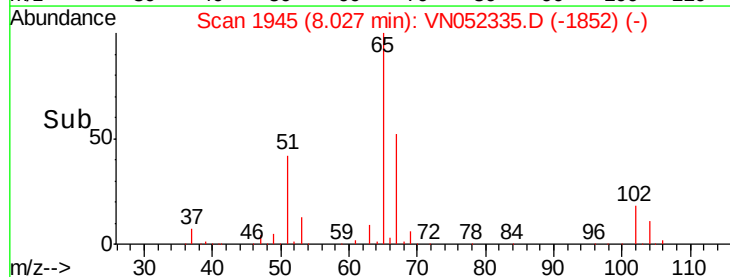
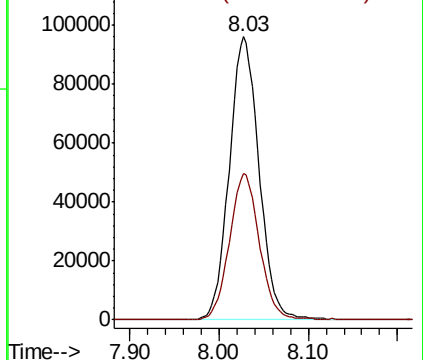


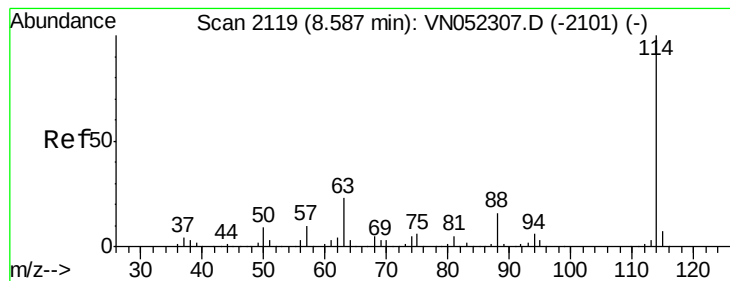
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

Tgt Ion: 65 Resp: 222533
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

ClientSampleId :

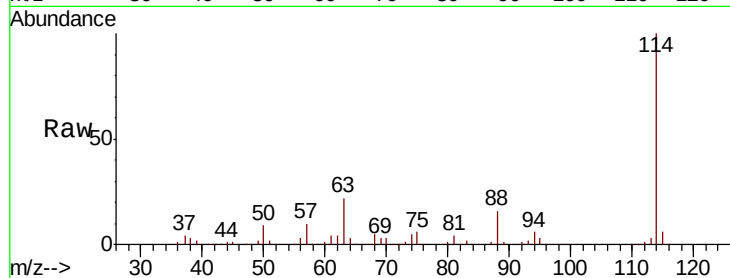
Tot Ion:114 Resp: 545984

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.4

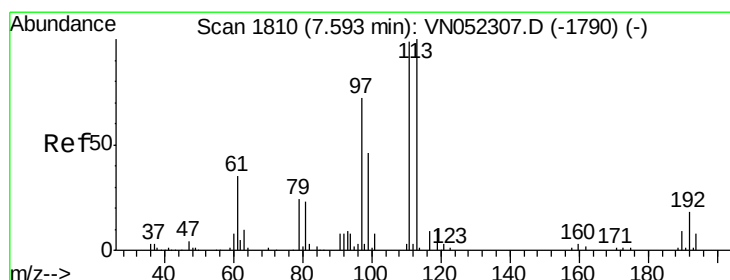
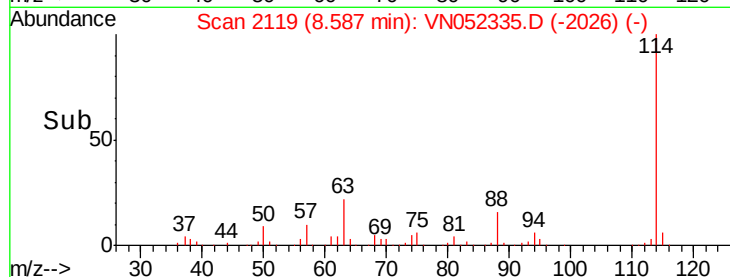
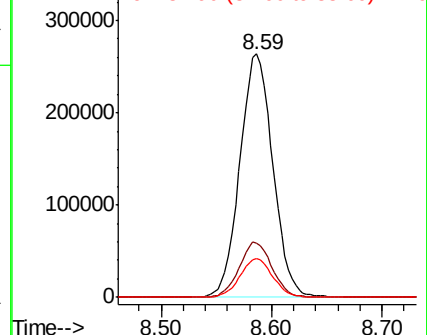
88 15.8 0.0 31.2



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

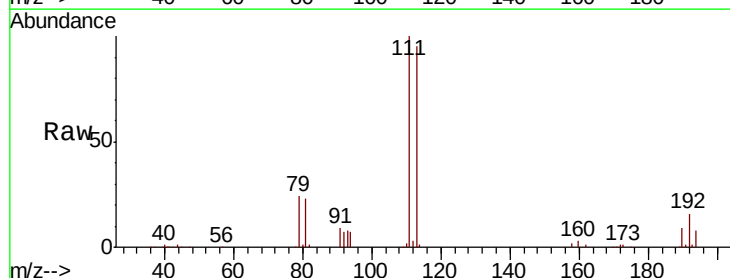
Tgt Ion:113 Resp: 171491

Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.6

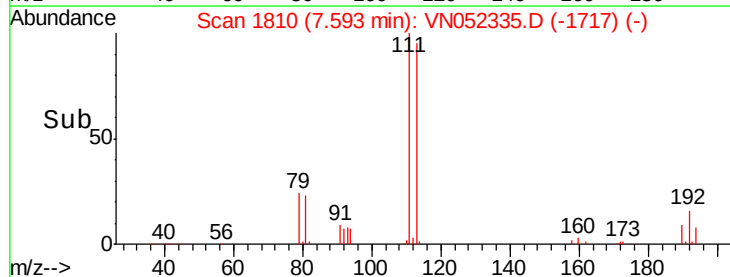
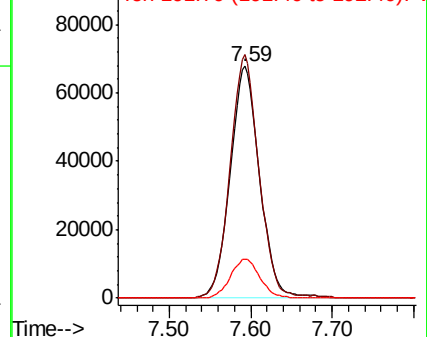
192 16.9 13.8 20.6

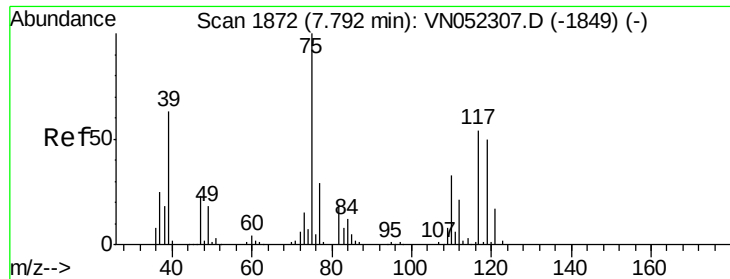


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.401 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

ClientSampleId :

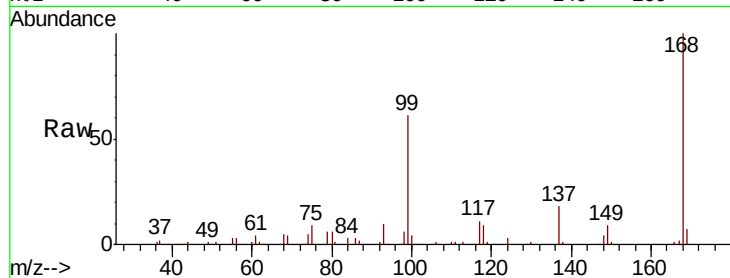
Tot Ion: 75 Resp: 29559

Ion Ratio Lower Upper

75 100

110 9.0 16.5 49.5#

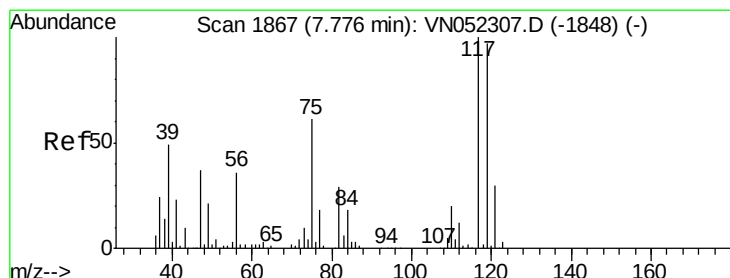
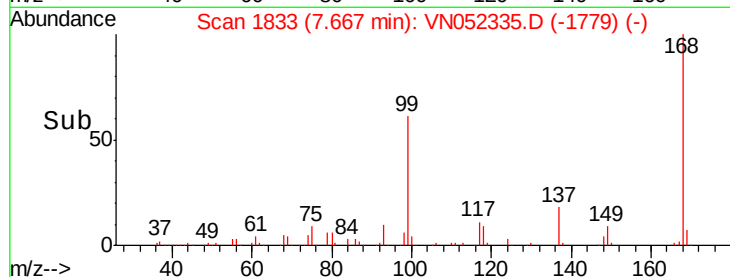
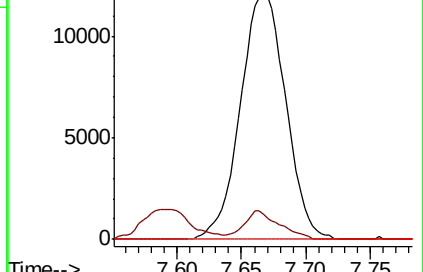
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN052307.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN052307.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 6.994 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

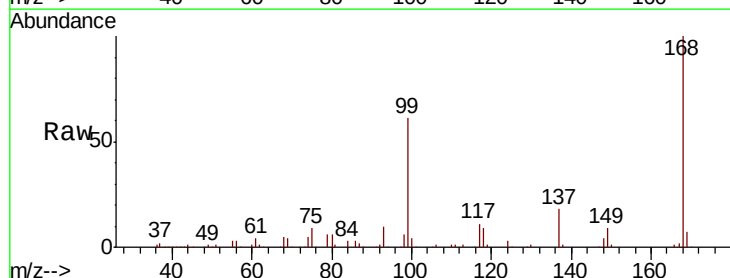
Tgt Ion: 117 Resp: 35161

Ion Ratio Lower Upper

117 100

119 5.0 77.4 116.0#

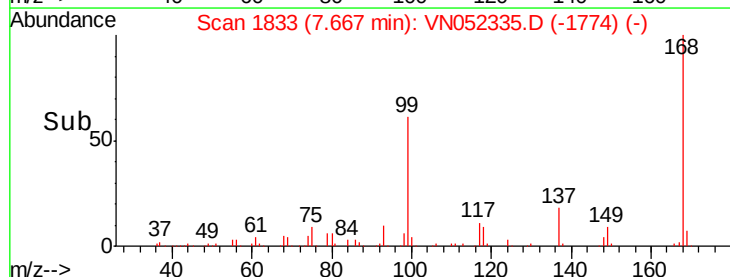
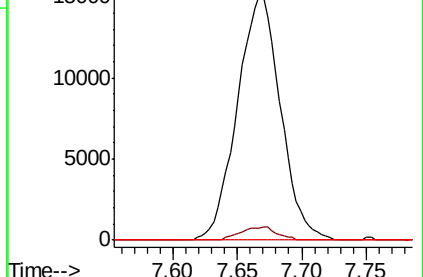
121 0.0 24.0 36.0#

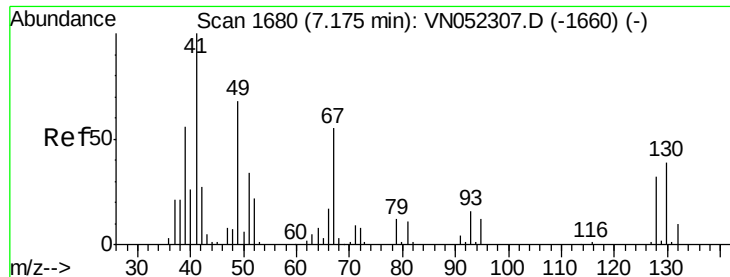


Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN052307.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN052307.D (-1848) (-)

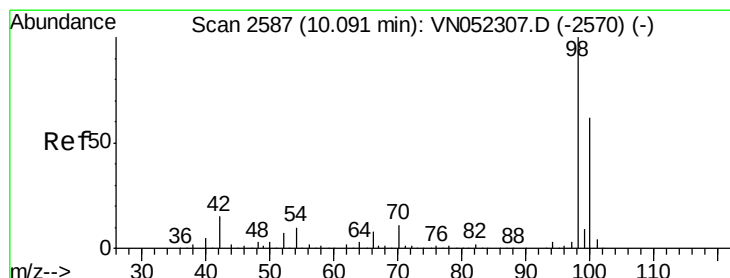
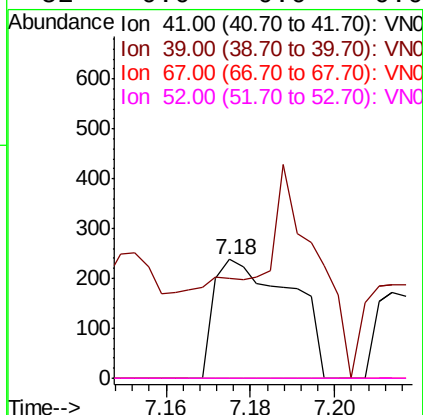
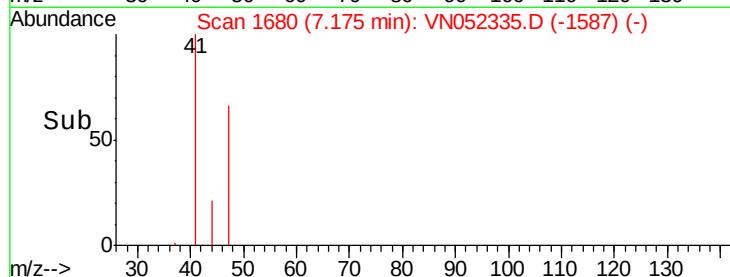
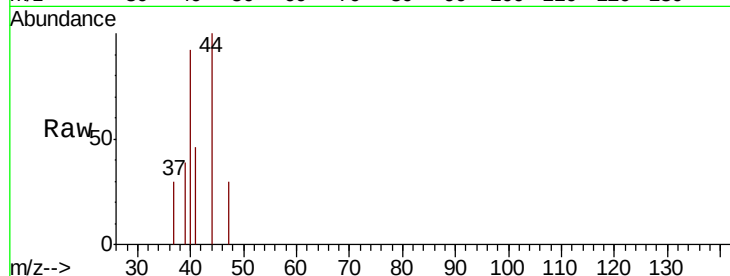




#41
Methacrylonitrile
Concen: 3.822 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

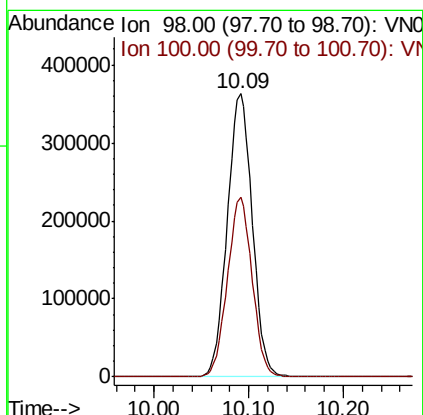
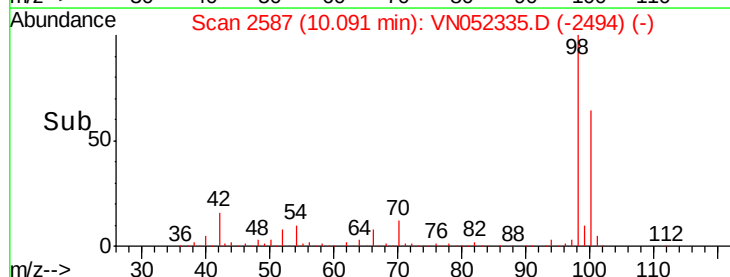
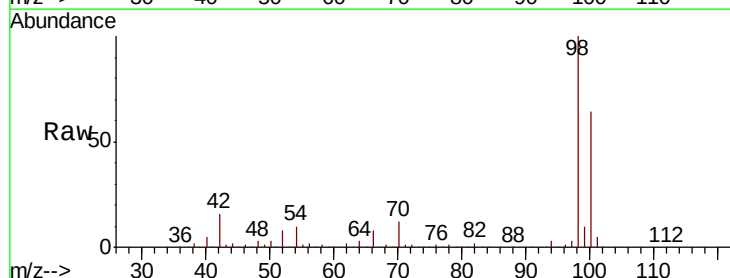
Instrument :
MSVOA_N
ClientSampled :

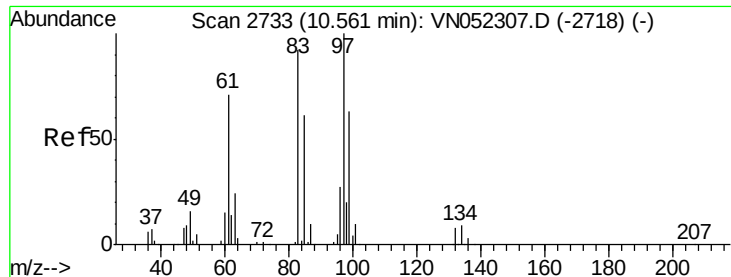
Tot Ion: 41 Resp: 301
Ion Ratio Lower Upper
41 100
39 115.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

Tgt Ion: 98 Resp: 667805
Ion Ratio Lower Upper
98 100
100 62.6 49.5 74.3

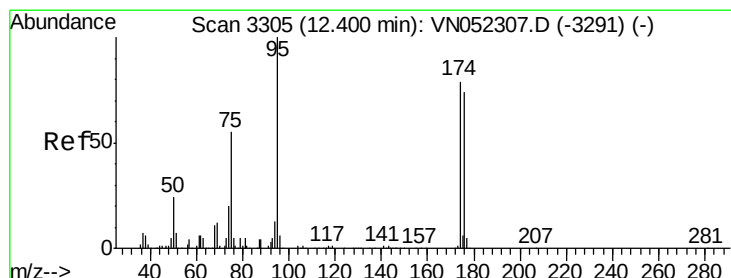
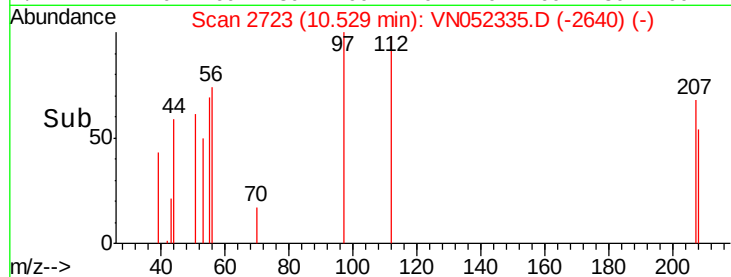
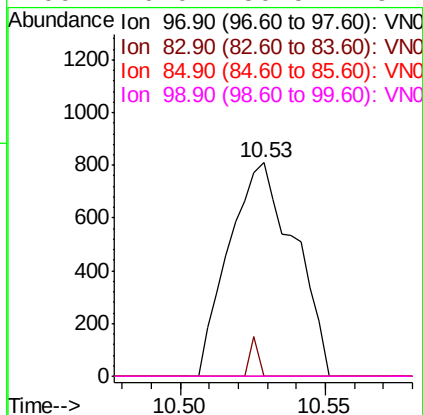
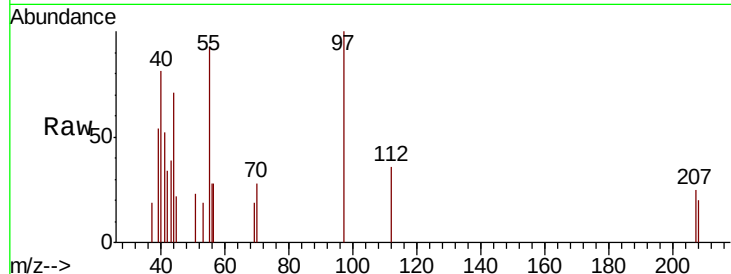




#55
 1,1,2-Trichloroethane
 Concen: 0.375 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

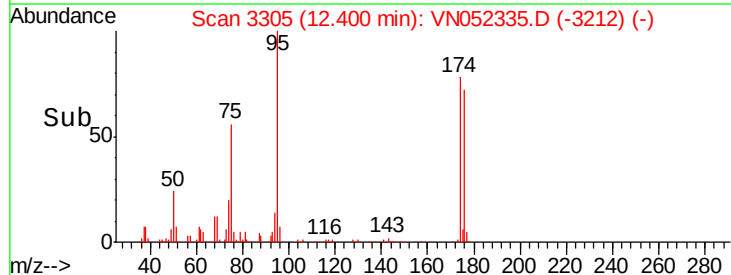
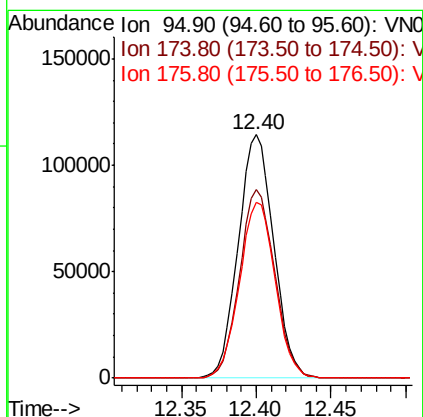
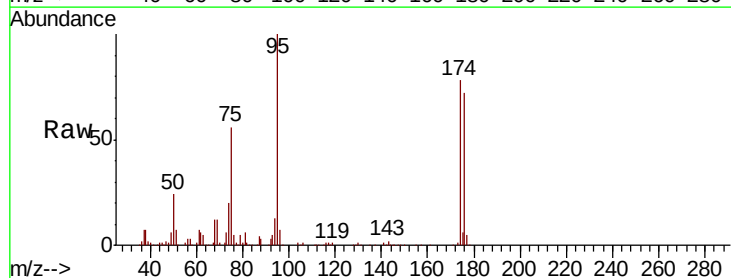
Instrument :
 MSVOA_N
 ClientSampled :

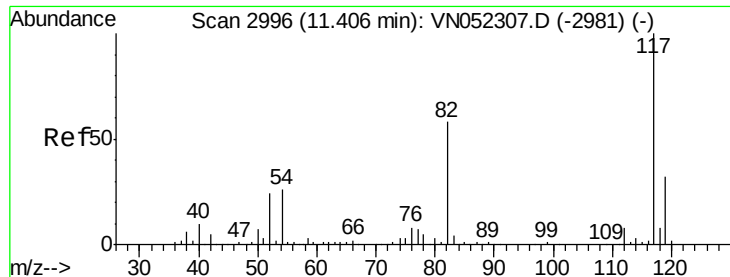
Tot Ion: 97 Resp: 1270
 Ion Ratio Lower Upper
 97 100
 83 0.0 73.8 110.6#
 85 0.0 49.0 73.4#
 99 0.0 50.5 75.7#



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

Tgt Ion: 95 Resp: 188500
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 156.0
 176 72.8 0.0 148.4

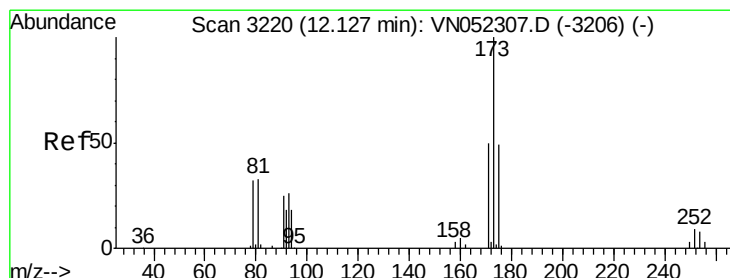
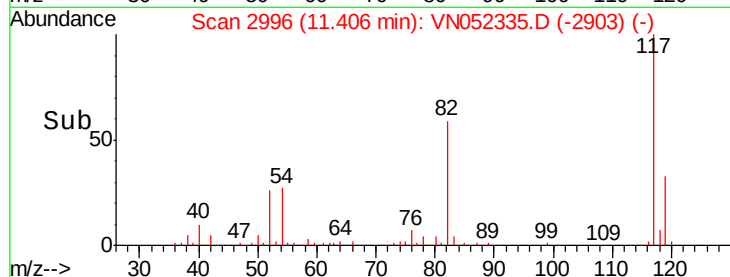
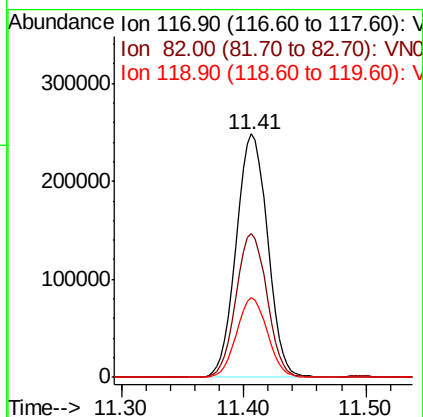
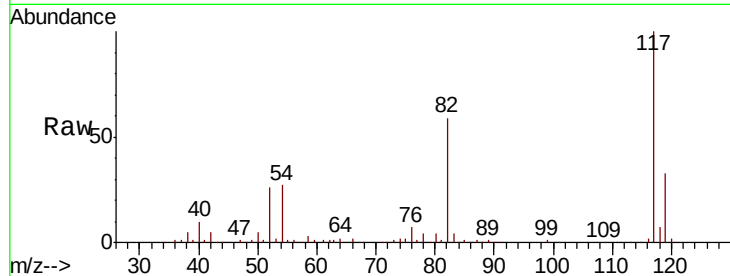




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

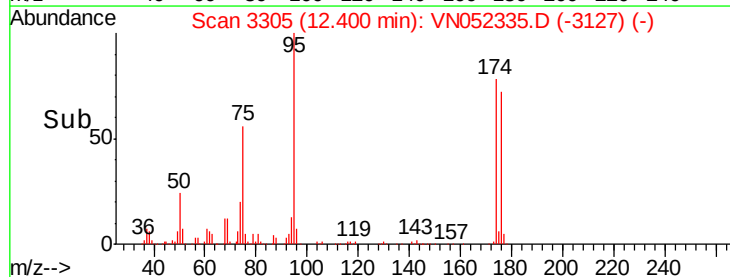
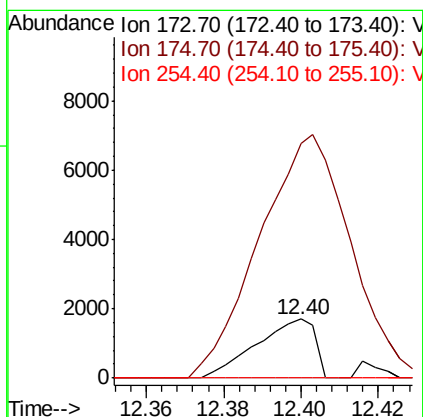
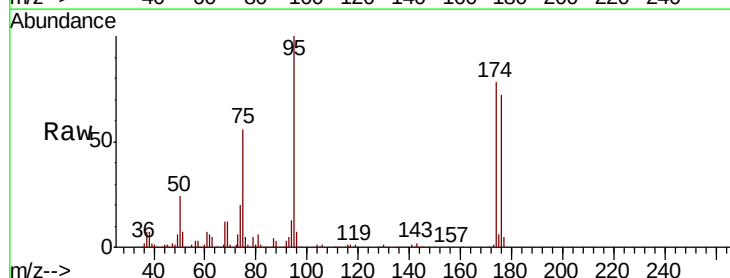
Instrument :
MSVOA_N
ClientSampled :

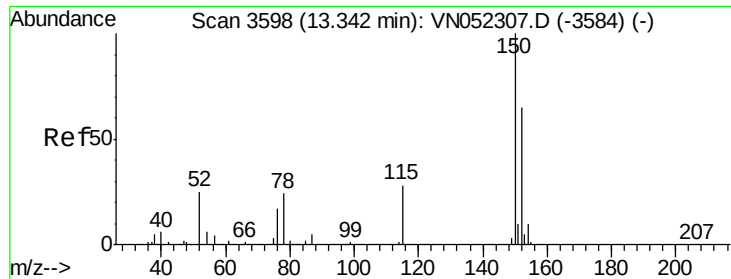
Tot Ion:117 Resp: 442341
Ion Ratio Lower Upper
117 100
82 59.3 46.5 69.7
119 32.6 25.7 38.5



#71
Bromoform
Concen: 0.961 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

Tgt Ion:173 Resp: 1810
Ion Ratio Lower Upper
173 100
175 567.3 25.0 75.0#
254 0.0 0.0 0.0



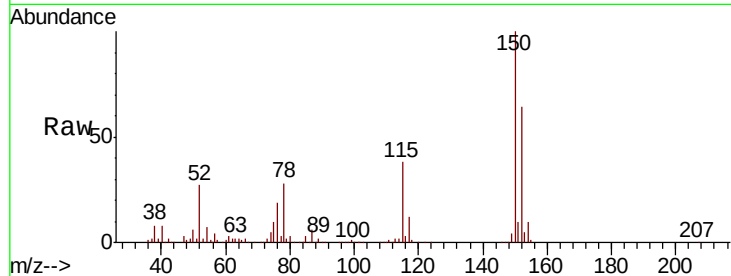


#72

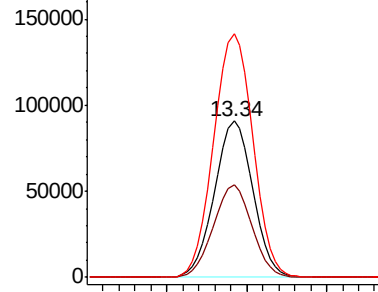
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

Instrument :
MSVOA_N
ClientSampleId :

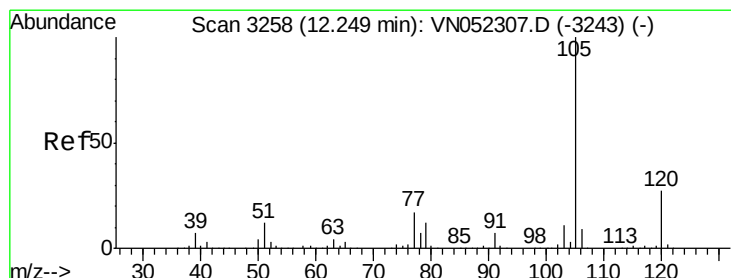
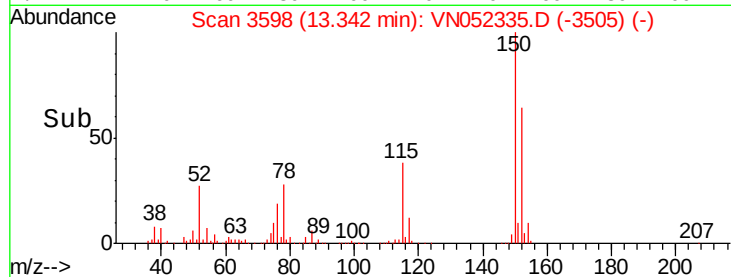
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.3	91.0
150	159.6	0.0	348.2



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



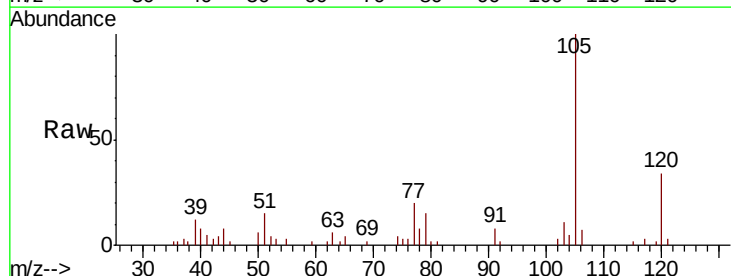
Time-->



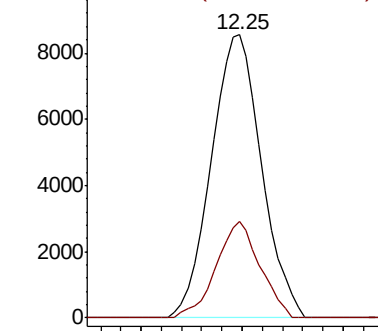
#73

Isopropylbenzene
Concen: 1.248 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

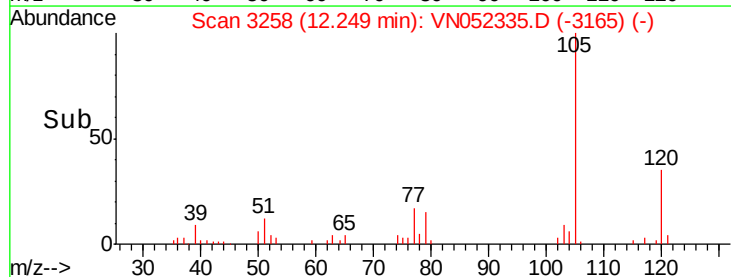
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.9	13.4	40.1

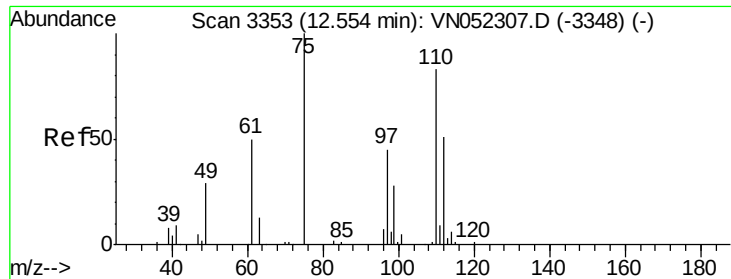


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->

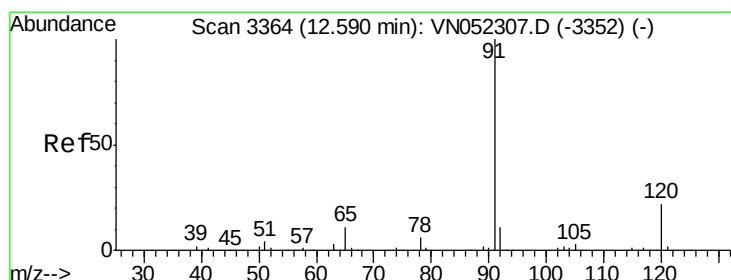
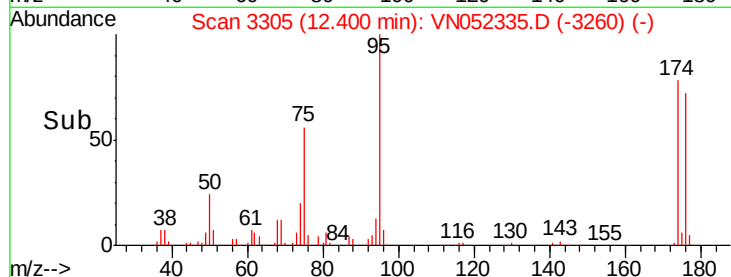
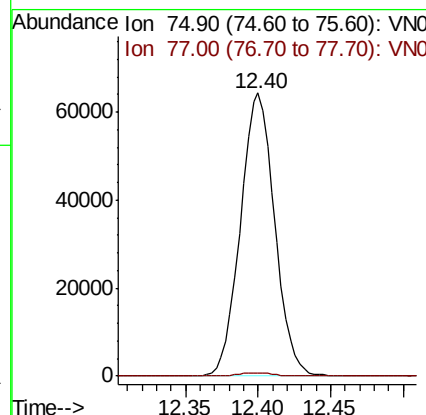
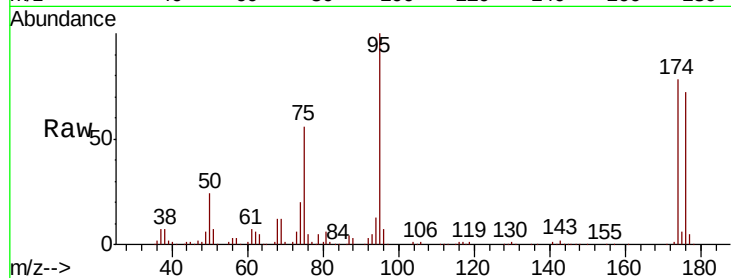




#76
 1,2,3-Trichloropropane
 Concen: 42.036 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

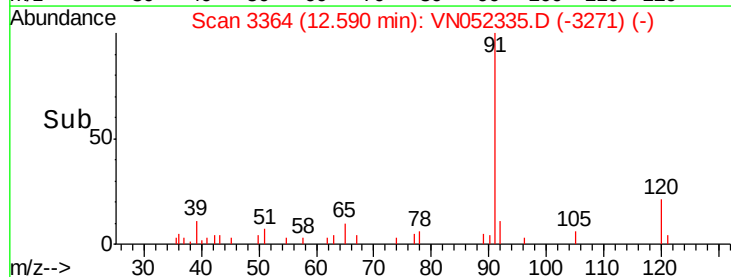
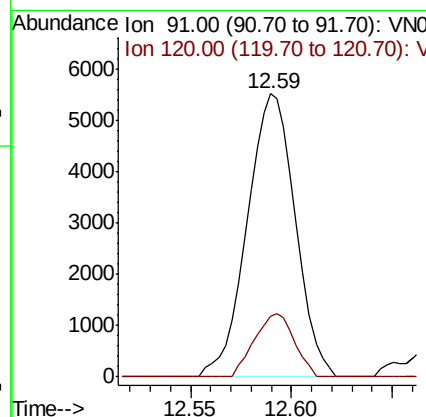
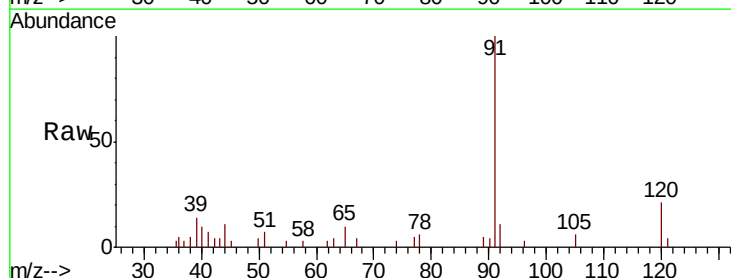
Instrument :
 MSVOA_N
 ClientSampleId :

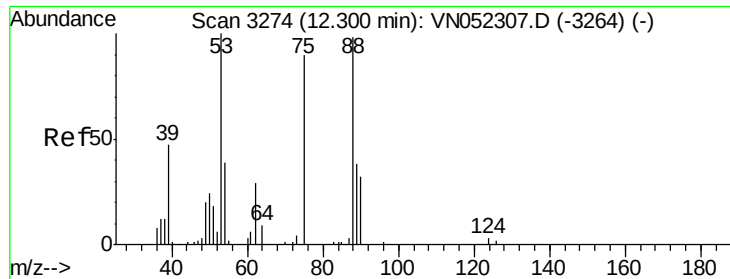
Tot Ion: 75 Resp: 105548
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.660 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.00 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

Tgt Ion: 91 Resp: 9183
 Ion Ratio Lower Upper
 91 100
 120 18.5 11.1 33.1





#81

trans-1,4-Dichloro-2-butene

Concen: 136.338 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

ClientSampleId :

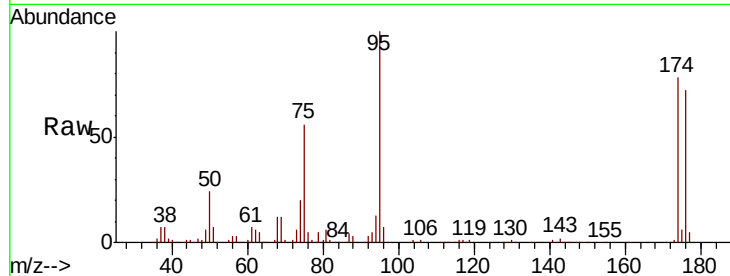
Tot Ion: 75 Resp: 105548

Ion Ratio Lower Upper

75 100

53 0.1 90.2 135.2#

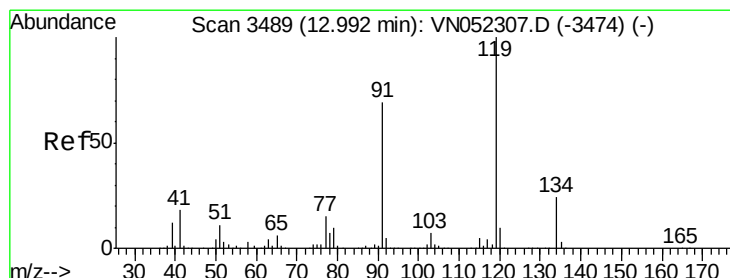
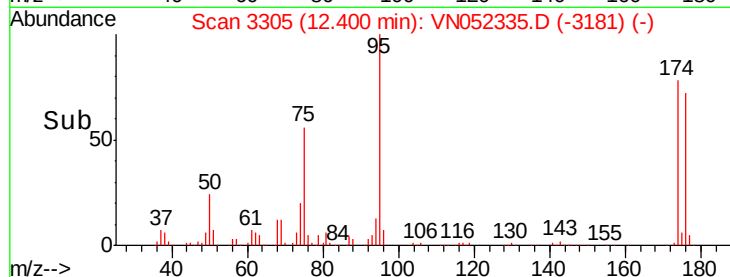
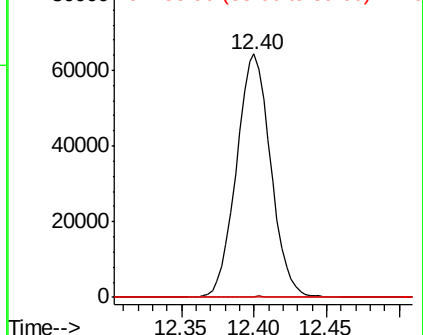
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052335.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052335.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052335.D (-3181) (-)



#83

tert-Butylbenzene

Concen: 0.383 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

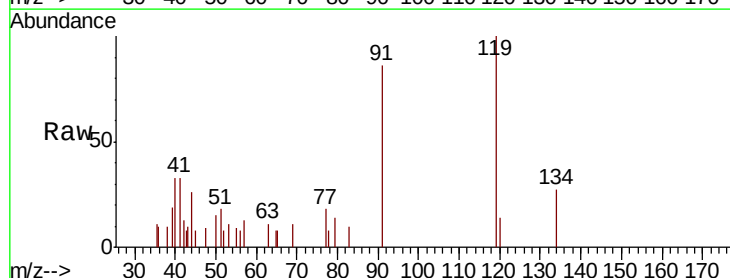
Tgt Ion: 119 Resp: 3202

Ion Ratio Lower Upper

119 100

91 84.9 33.8 101.3

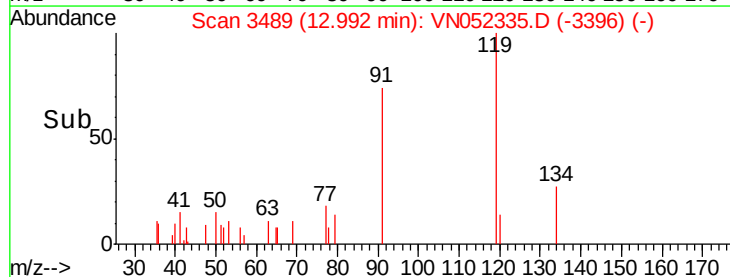
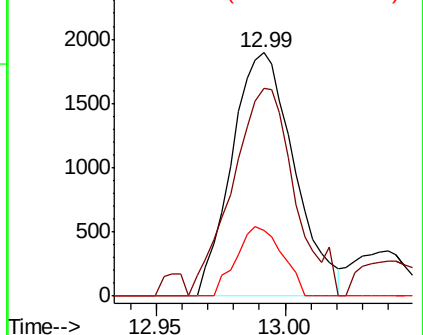
134 21.0 11.9 35.9

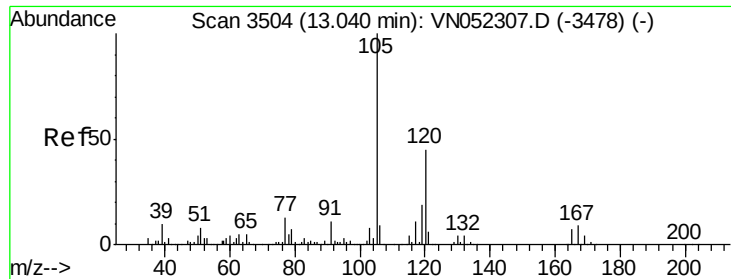


Abundance Ion 119.00 (118.70 to 119.70): VN052335.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN052335.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN052335.D (-3396) (-)





#84

1,2,4-Trimethylbenzene

Concen: 0.365 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

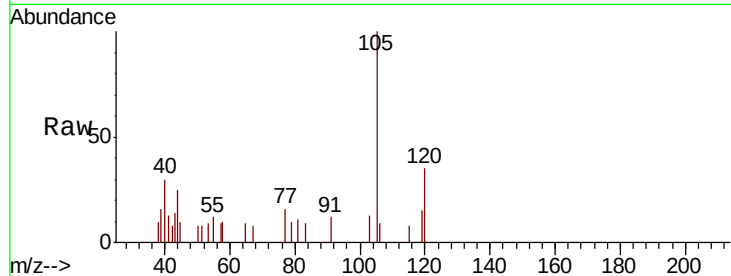
ClientSampled :

Tot Ion:105 Resp: 3469

Ion Ratio Lower Upper

105 100

120 37.3 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500

2000

1500

1000

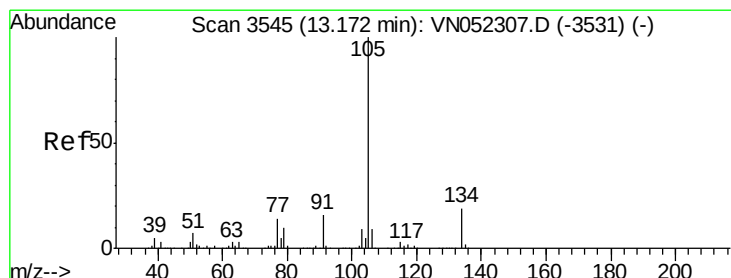
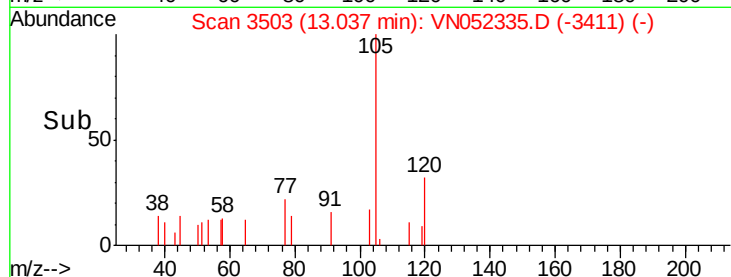
500

0

13.00

13.05

Time-->



#85

sec-Butylbenzene

Concen: 3.938 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052335.D

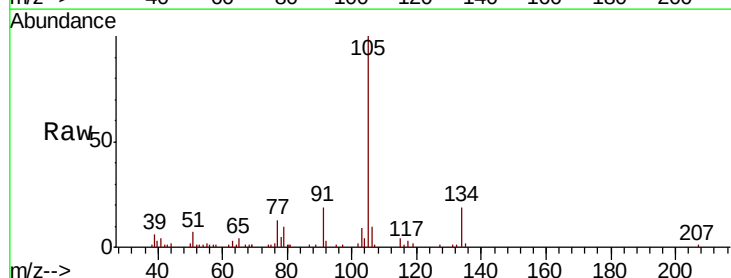
Acq: 15 Nov 2018 11:43

Tgt Ion:105 Resp: 44805

Ion Ratio Lower Upper

105 100

134 21.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

30000

25000

20000

15000

10000

5000

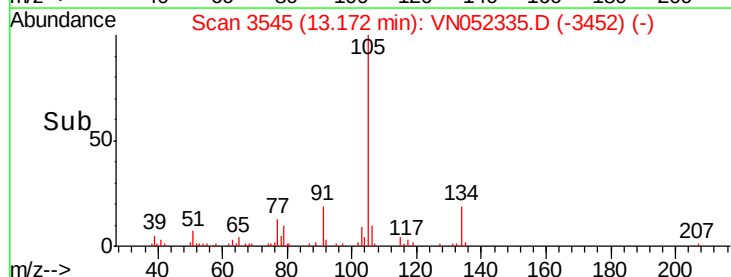
0

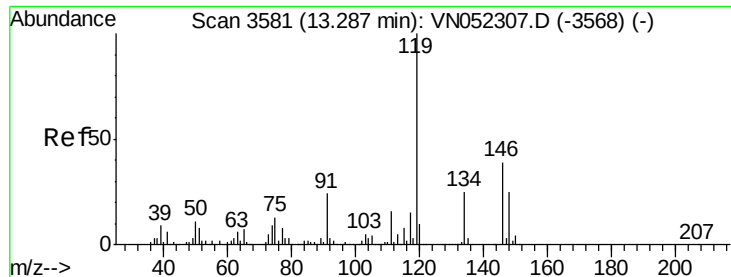
13.10

13.15

13.20

Time-->

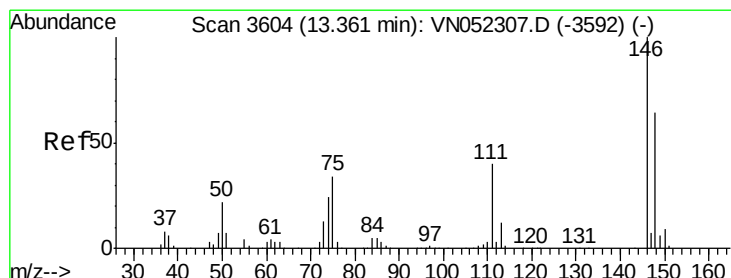
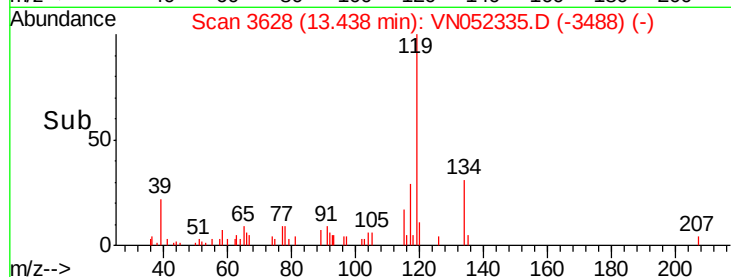
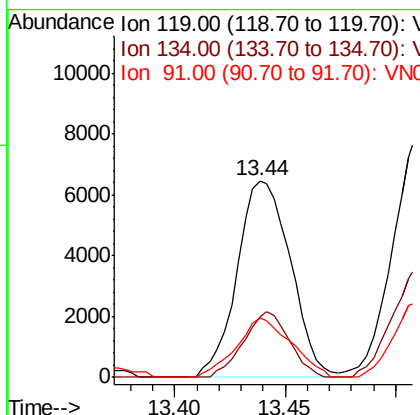
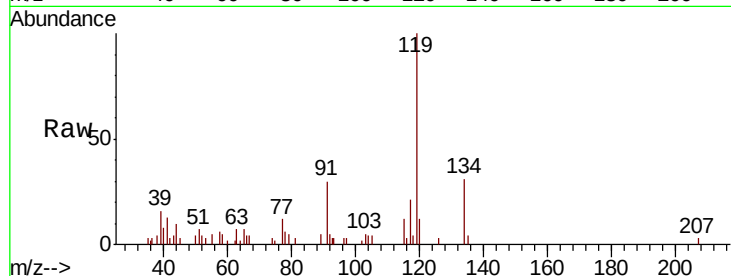




#86
 p-Isopropyltoluene
 Concen: 1.125 ug/l
 RT: 13.44 min Scan# 3628
 Delta R.T. 0.15 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

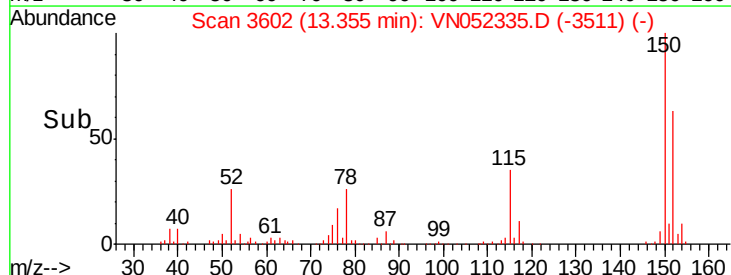
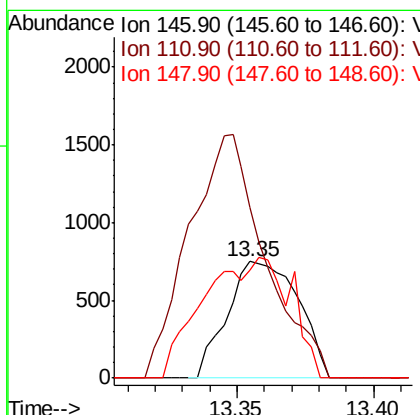
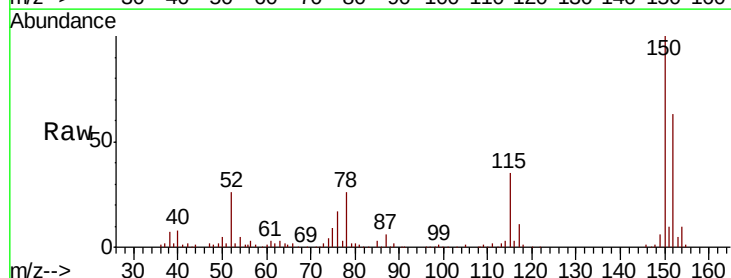
Instrument :
 MSVOA_N
 ClientSampled :

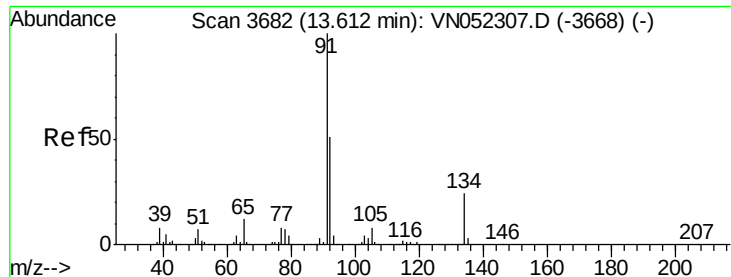
Tot Ion:119 Resp: 10844
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.0 38.9
 91 31.2 12.4 37.0



#88
 1,4-Dichlorobenzene
 Concen: 0.276 ug/l
 RT: 13.35 min Scan# 3602
 Delta R.T. -0.01 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

Tgt Ion:146 Resp: 1351
 Ion Ratio Lower Upper
 146 100
 111 224.1 20.6 61.8#
 148 128.1 32.4 97.2#





#89

n-Butylbenzene

Concen: 1.018 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

ClientSampleId :

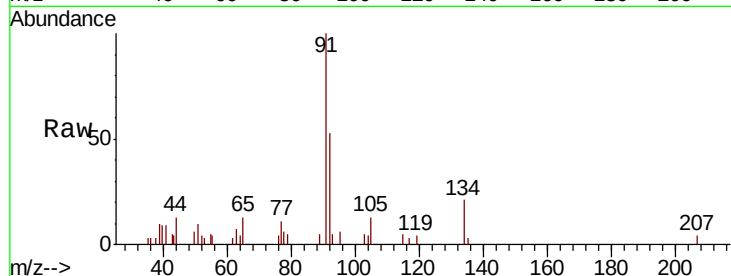
Tot Ion: 91 Resp: 8430

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.2

134 16.1 12.2 36.4

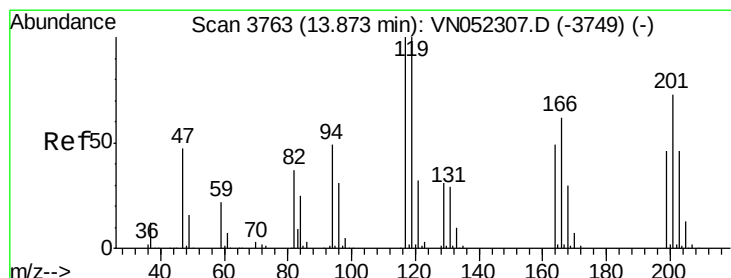
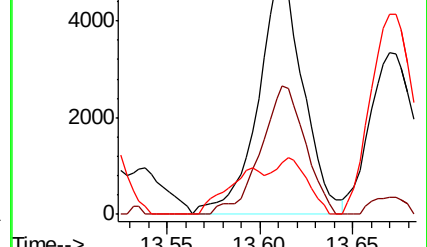
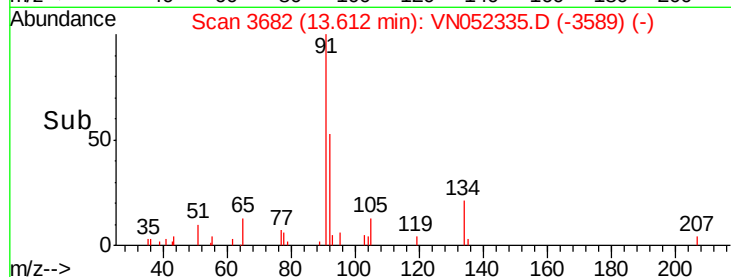


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052307.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052307.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 3.914 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN052335.D

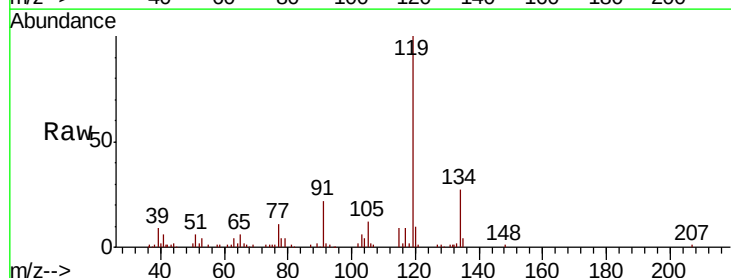
Acq: 15 Nov 2018 11:43

Tgt Ion: 117 Resp: 6681

Ion Ratio Lower Upper

117 100

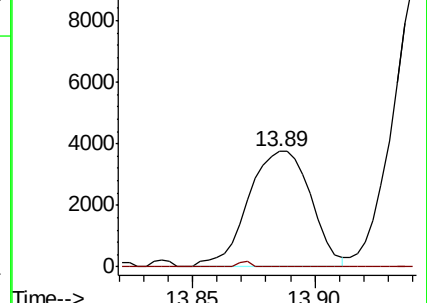
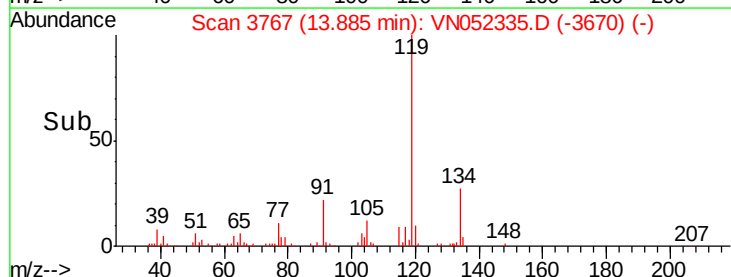
201 0.9 35.3 105.9#

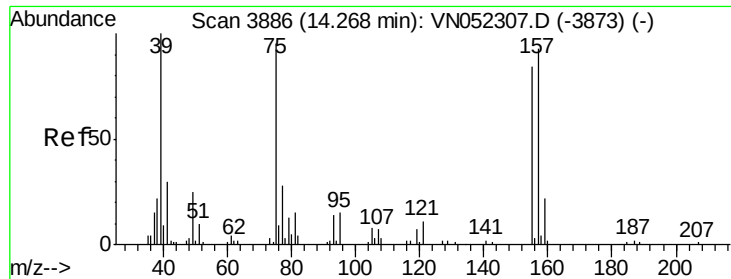


Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052307.D (-3749) (-)

Time-->

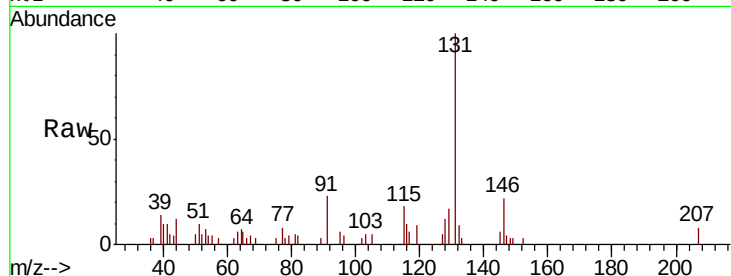




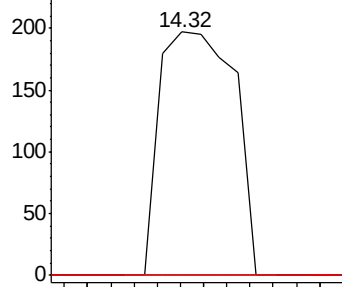
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.415 ug/l
 RT: 14.32 min Scan# 3901
 Delta R.T. 0.05 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

Instrument :
 MSVOA_N
 ClientSampled :

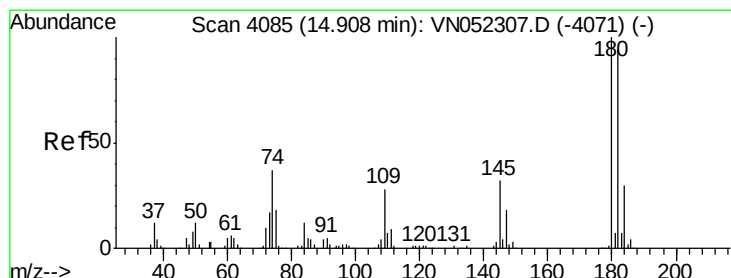
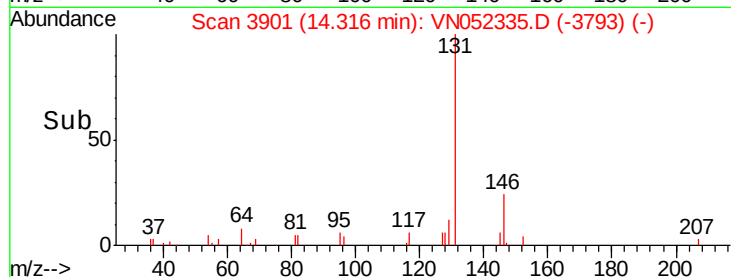
Tot Ion: 75 Resp: 176
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.4 127.3#
 157 0.0 49.6 149.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

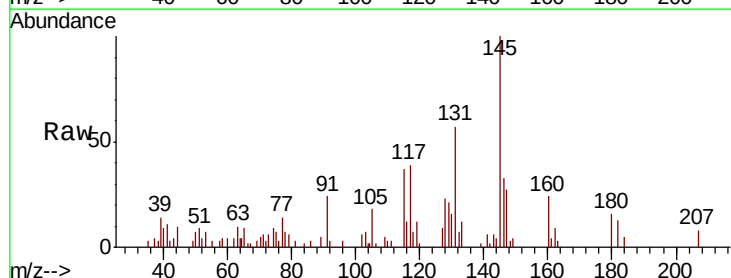


Time--> 14.30 14.32 14.34

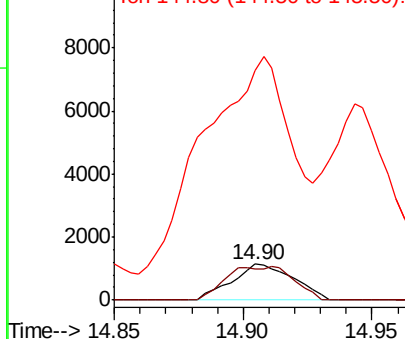


#93
 1,2,4-Trichlorobenzene
 Concen: 3.070 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

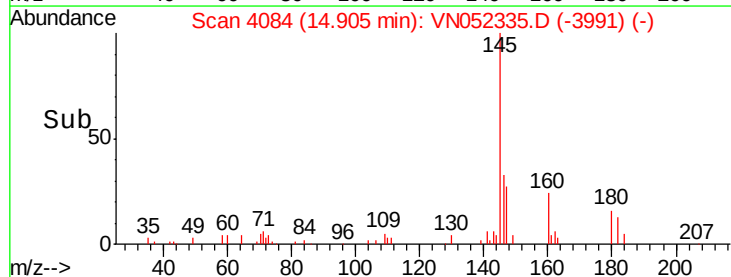
Tgt Ion: 180 Resp: 1887
 Ion Ratio Lower Upper
 180 100
 182 50.9 47.6 142.9
 145 991.4 15.5 46.5#

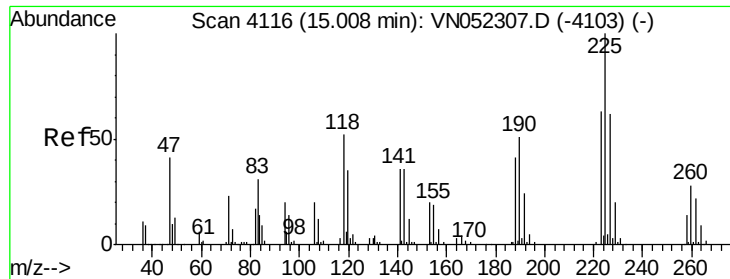


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



Time--> 14.85 14.90 14.95





#94

Hexachlorobutadiene

Concen: 0.523 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

ClientSampleId :

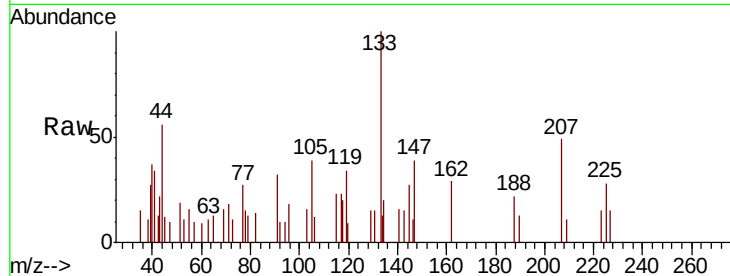
Tot Ion:225 Resp: 570

Ion Ratio Lower Upper

225 100

223 67.0 31.9 95.5

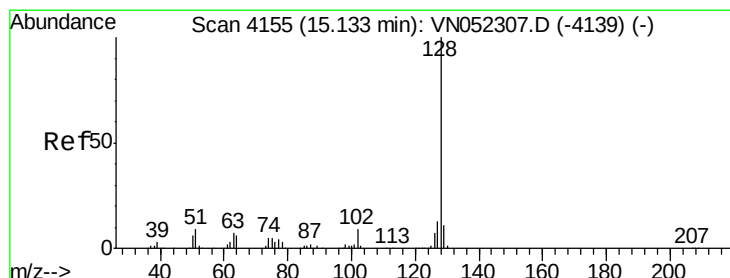
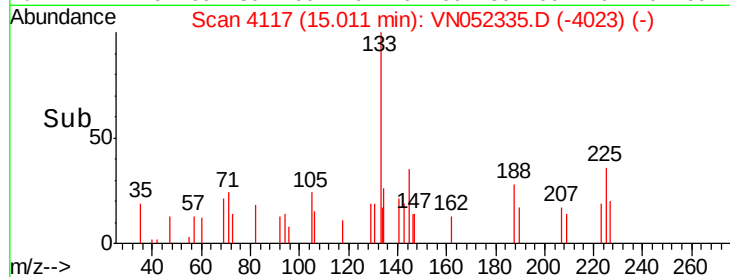
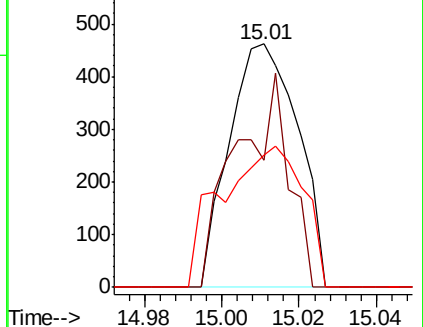
227 69.8 31.6 95.0



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: 3.764 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

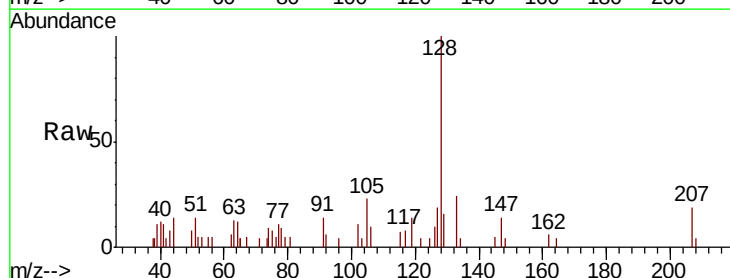
Tgt Ion:128 Resp: 6406

Ion Ratio Lower Upper

128 100

127 20.8 10.4 15.6#

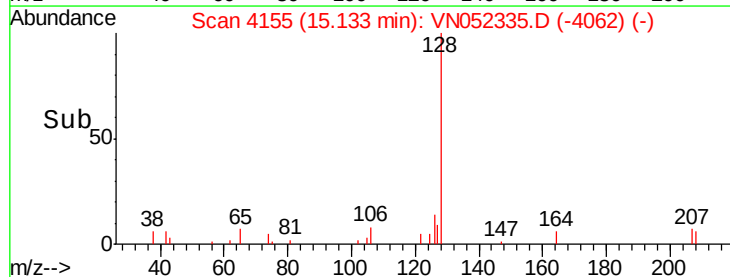
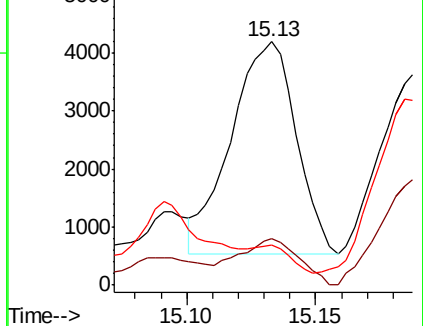
129 0.0 8.6 13.0#

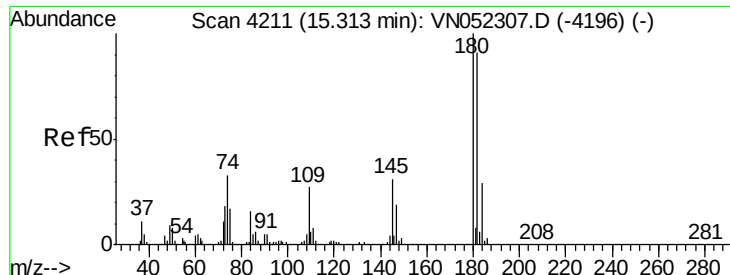


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.251 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.8	46.5	139.3
145	0.0	16.4	49.2#

