

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052326.D
 Acq On : 14 Nov 2018 21:08
 Operator : MD\SY
 Sample : J5925-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

Quant Time: Nov 15 03:30:02 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	315701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	532407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	217316	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.59	113	169607	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.09	98	669687	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	198675	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.77	59	64	0.272	ug/l #	72
13) Acrolein	3.61	56	29	21.845	ug/l #	14
16) Acetone	3.82	43	18605	15.155	ug/l	97
18) Methyl Acetate	4.32	43	809	0.665	ug/l #	74
20) Methylene Chloride	4.56	84	40958	10.412	ug/l	93
25) 2-Butanone	6.83	43	567	0.328	ug/l #	52
30) Chloroform	7.37	83	2725	0.392	ug/l #	81
31) Cyclohexane	7.66	56	10391	0.483	ug/l #	35
36) 1,1-Dichloropropene	7.67	75	29862	5.596	ug/l #	51
38) Carbon Tetrachloride	7.67	117	33641	6.862	ug/l #	16
39) Methylcyclohexane	9.08	83	4733	0.777	ug/l	92
41) Methacrylonitrile	7.21	41	79	3.729	ug/l #	100
43) Isopropyl Acetate	8.17	43	19315	2.585	ug/l	99
45) 1,2-Dichloropropane	9.26	63	1107	0.256	ug/l #	44
48) Methyl methacrylate	9.18	41	6663	1.757	ug/l #	16
49) 1,4-Dioxane	9.27	88	232	7.970	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	6935	1.844	ug/l #	41
54) cis-1,3-Dichloropropene	9.90	75	37668	6.375	ug/l #	67
55) 1,1,2-Trichloroethane	10.54	97	960	0.290	ug/l #	13
57) 1,3-Dichloropropane	10.77	76	7546	1.289	ug/l #	43
59) 2-Hexanone	10.76	43	133973	51.778	ug/l #	56
68) m/p-Xylenes	11.62	106	1242	0.202	ug/l	92
73) Isopropylbenzene	12.25	105	35110	2.527	ug/l	96
74) N-amyl acetate	11.88	43	15269	3.086	ug/l #	61
76) 1,2,3-Trichloropropane	12.40	75	111756	38.114	ug/l #	100
78) n-propylbenzene	12.59	91	59773	3.679	ug/l	99
79) 2-Chlorotoluene	12.59	91	59773	6.297	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	6127	0.555	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	111756	123.620	ug/l #	5
82) 4-Chlorotoluene	12.59	91	59773	6.146	ug/l #	41
83) tert-Butylbenzene	12.99	119	3758	0.385	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	14036	1.265	ug/l	95
85) sec-Butylbenzene	13.17	105	42107	3.169	ug/l	89
86) p-Isopropyltoluene	13.29	119	4319	0.384	ug/l	94

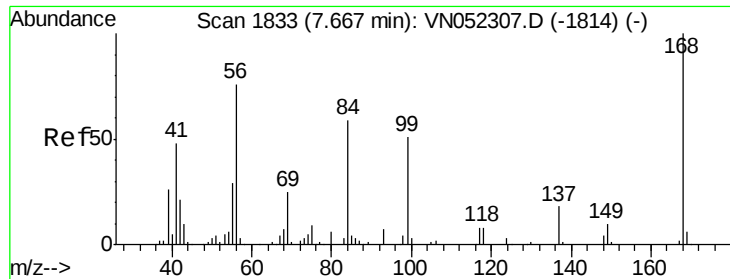
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
Data File : VN052326.D
Acq On : 14 Nov 2018 21:08
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Quant Time: Nov 15 03:30:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	23355	2.416	ug/l #	77
90) Hexachloroethane	13.89	117	13667	6.856	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.28	75	150	0.303	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	320	2.375	ug/l #	1
95) Naphthalene	15.13	128	20769	5.823	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

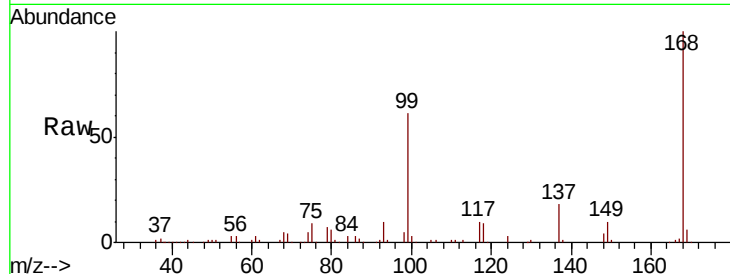
TP-1D

Tot Ion:168 Resp: 315701

Ion Ratio Lower Upper

168 100

99 61.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

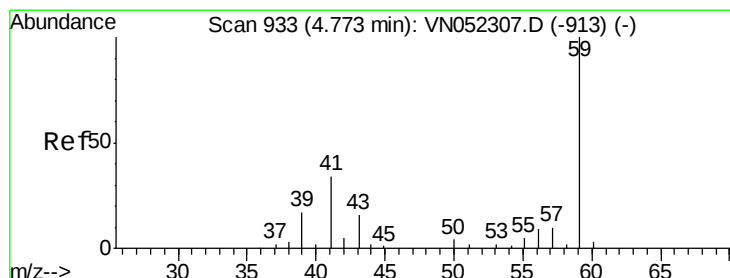
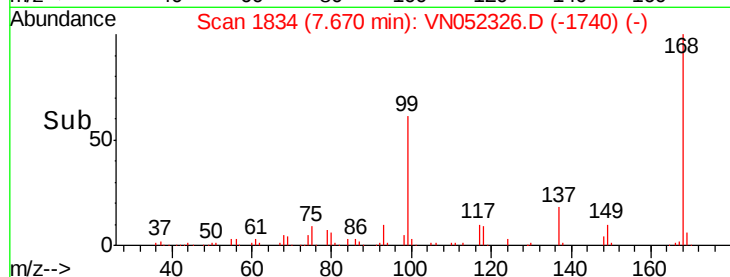
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#11

Tert butyl alcohol

Concen: 0.272 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN052326.D

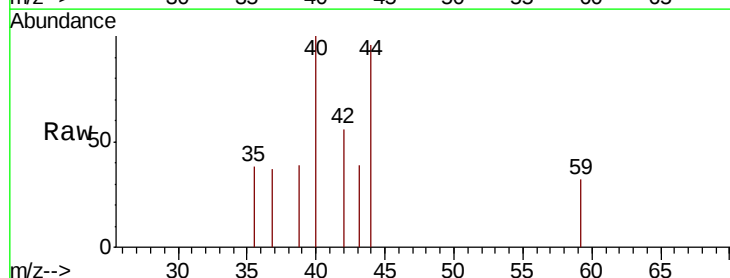
Acq: 14 Nov 2018 21:08

Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.77

200

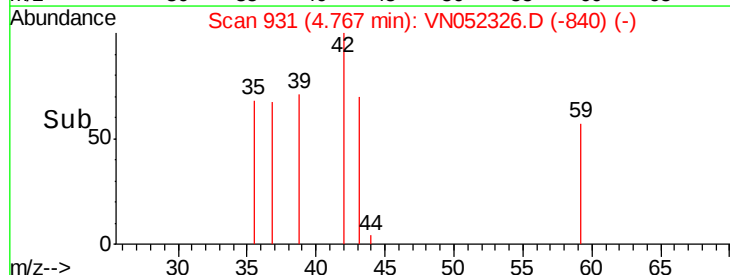
150

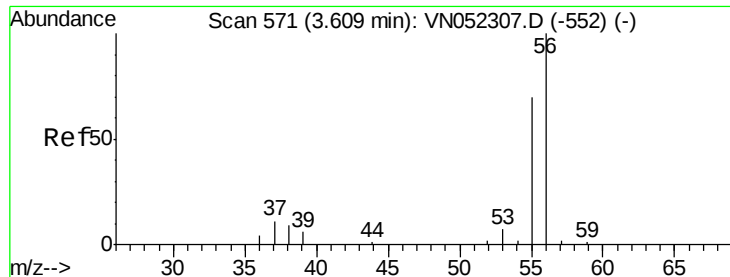
100

50

0

Time--> 4.75 4.76 4.77





#13

Acrolein

Concen: 21.845 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

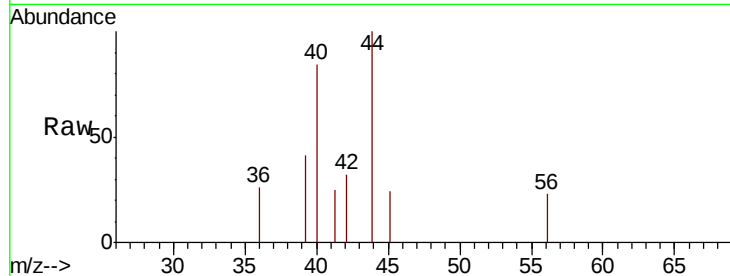
TP-1D

Tot Ion: 56 Resp: 29

Ion Ratio Lower Upper

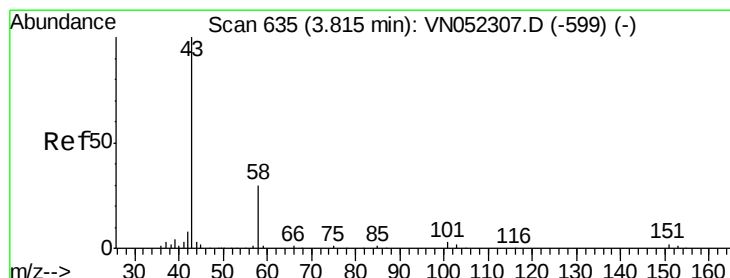
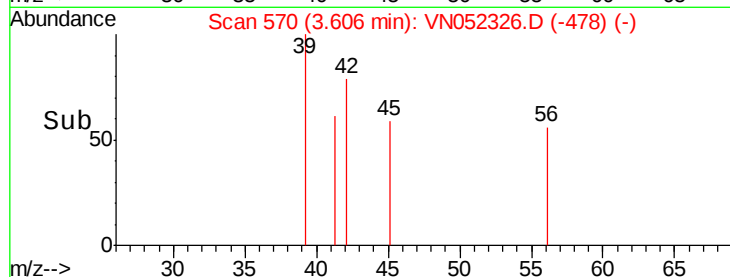
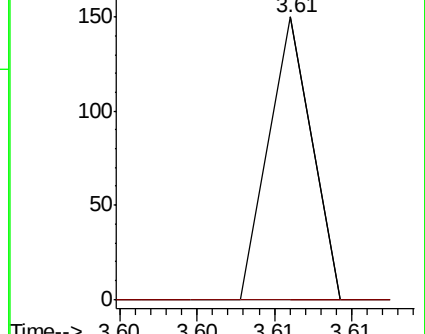
56 100

55 0.0 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 15.155 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052326.D

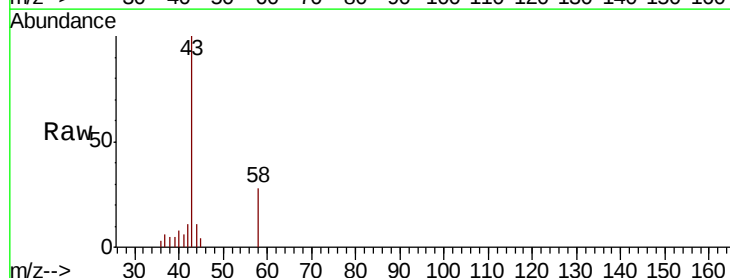
Acq: 14 Nov 2018 21:08

Tgt Ion: 43 Resp: 18605

Ion Ratio Lower Upper

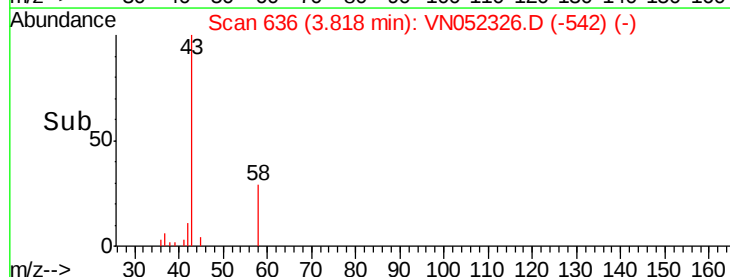
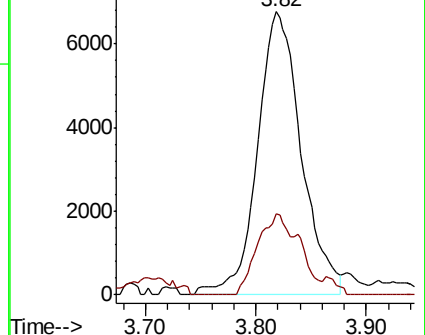
43 100

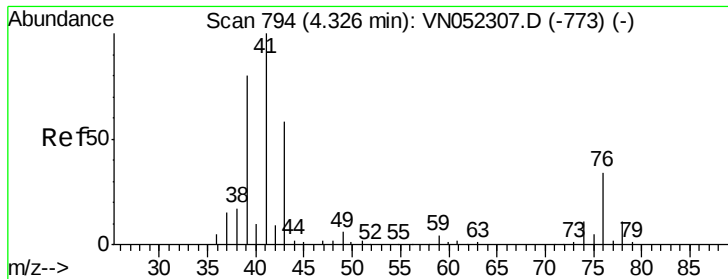
58 28.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

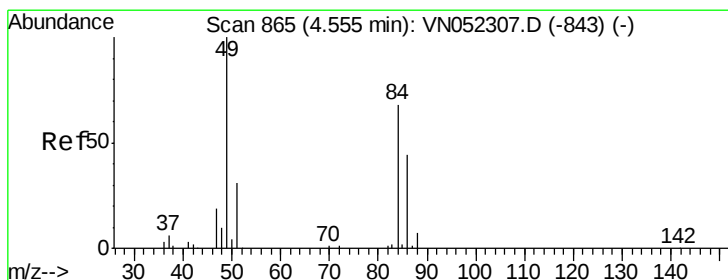
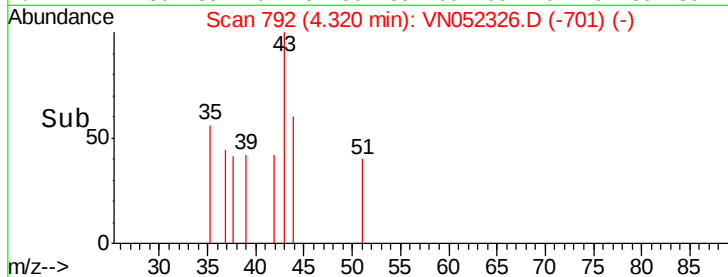
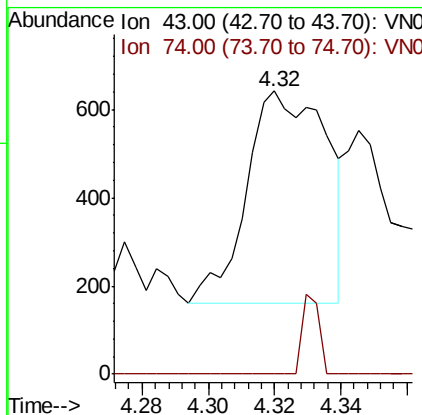
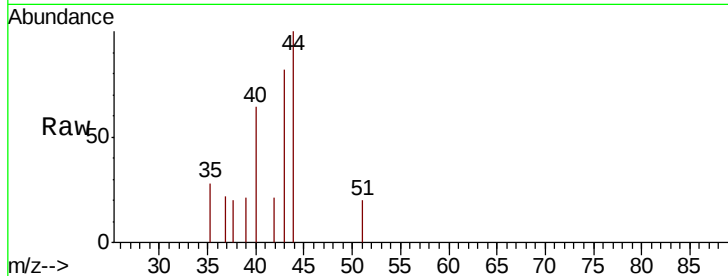




#18
Methyl Acetate
Concen: 0.665 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.01 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

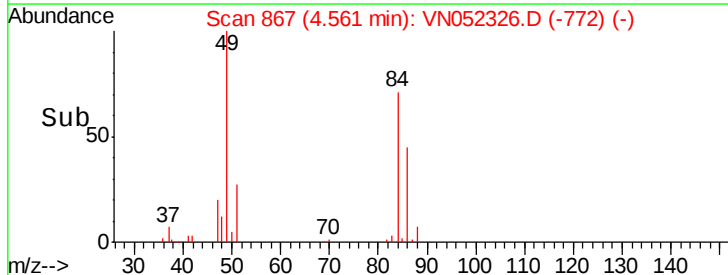
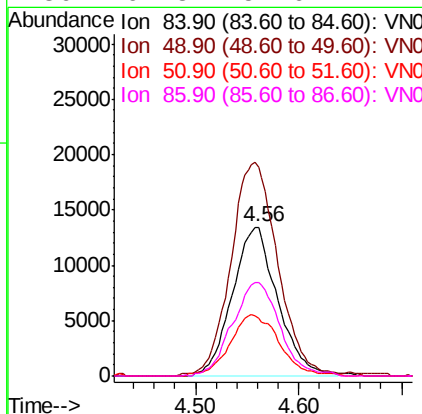
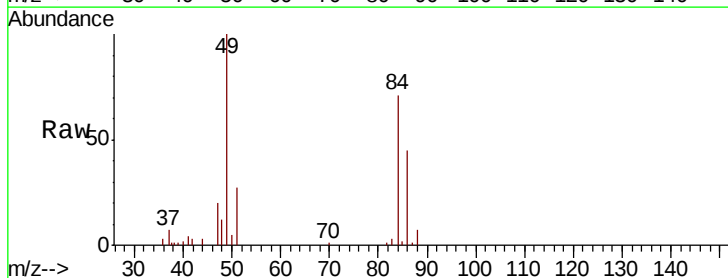
Instrument :
MSVOA_N
ClientSampleId :
TP-1D

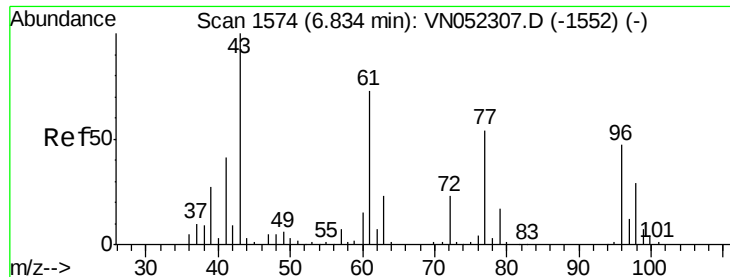
Tot Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
74 8.2 15.9 23.9#



#20
Methylene Chloride
Concen: 10.412 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Tgt Ion: 84 Resp: 40958
Ion Ratio Lower Upper
84 100
49 138.1 118.2 177.2
51 37.1 36.1 54.1
86 62.8 51.6 77.4

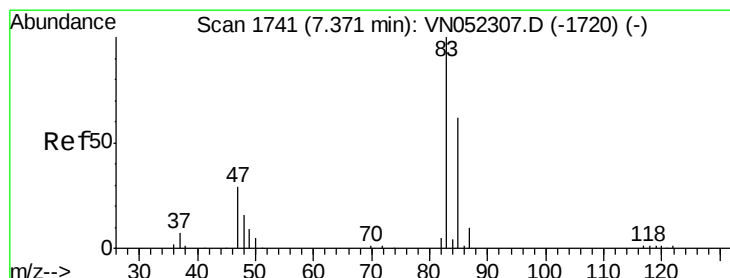
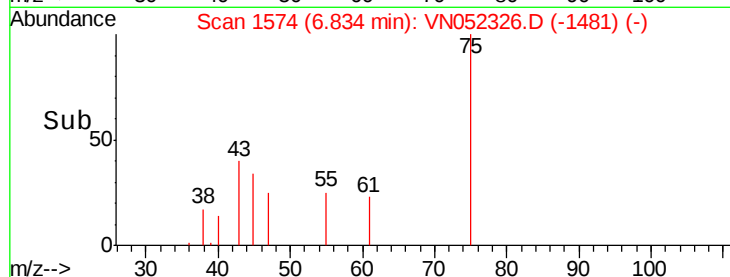
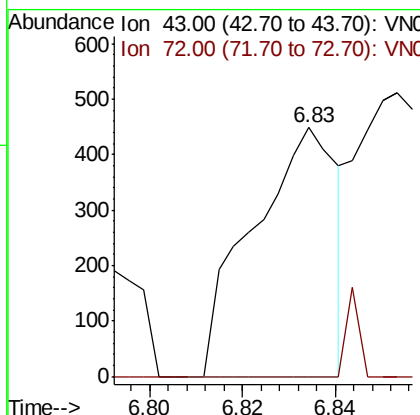
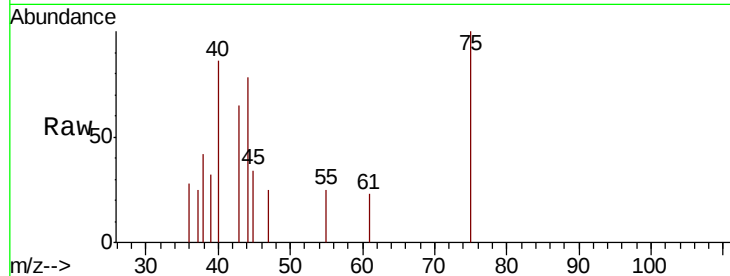




#25
 2-Butanone
 Concen: 0.328 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052326.D
 Acq: 14 Nov 2018 21:08

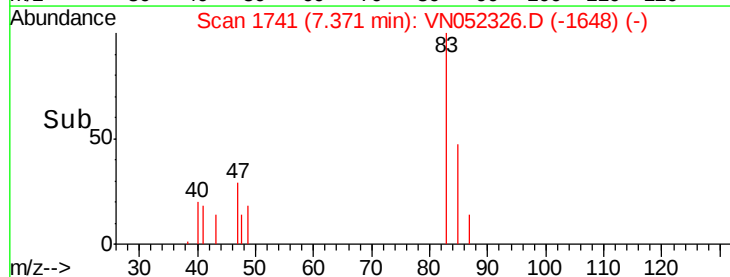
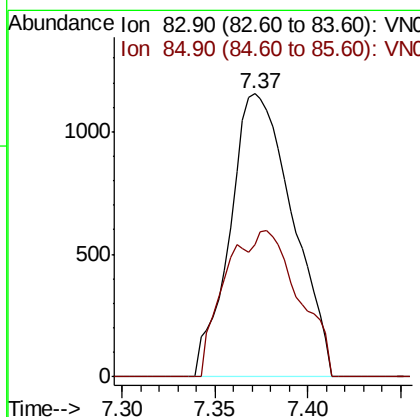
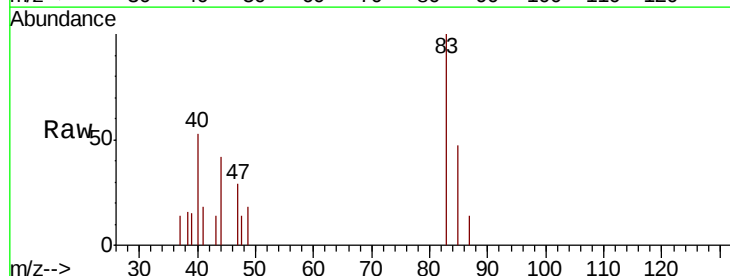
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1D

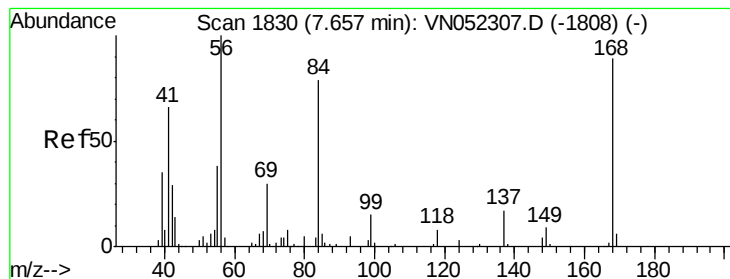
Tot Ion: 43 Resp: 567
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.6 27.8#



#30
 Chloroform
 Concen: 0.392 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VN052326.D
 Acq: 14 Nov 2018 21:08

Tgt Ion: 83 Resp: 2725
 Ion Ratio Lower Upper
 83 100
 85 46.8 49.4 74.2#





#31

Cyclohexane

Concen: 0.483 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampleId :

TP-1D

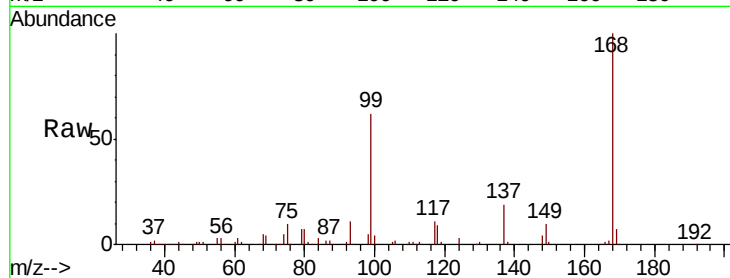
Tot Ion: 56 Resp: 10391

Ion Ratio Lower Upper

56 100

69 126.3 23.8 35.8#

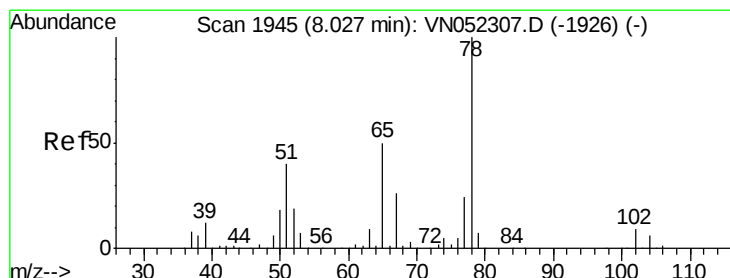
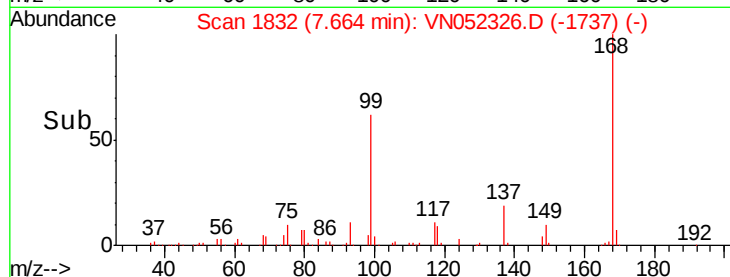
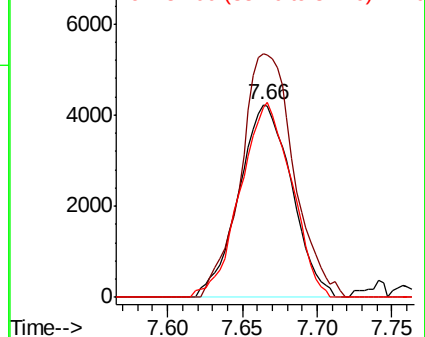
84 98.7 63.0 94.6#



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: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052326.D

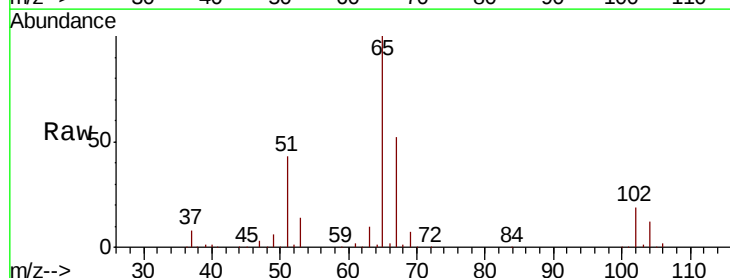
Acq: 14 Nov 2018 21:08

Tgt Ion: 65 Resp: 217316

Ion Ratio Lower Upper

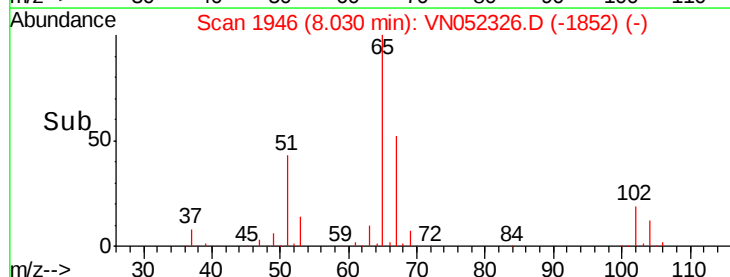
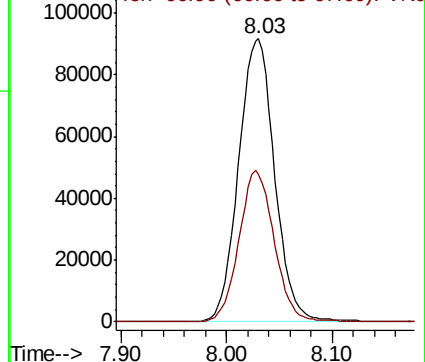
65 100

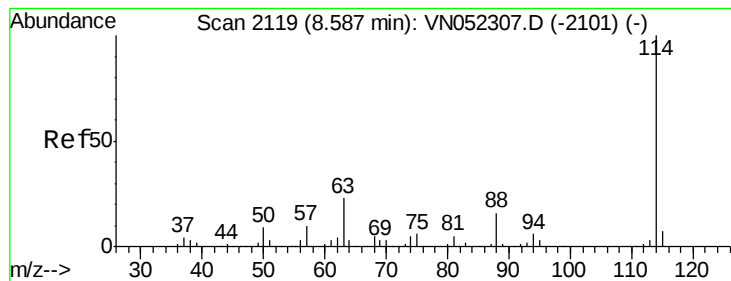
67 52.3 0.0 105.2



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: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampleId :

TP-1D

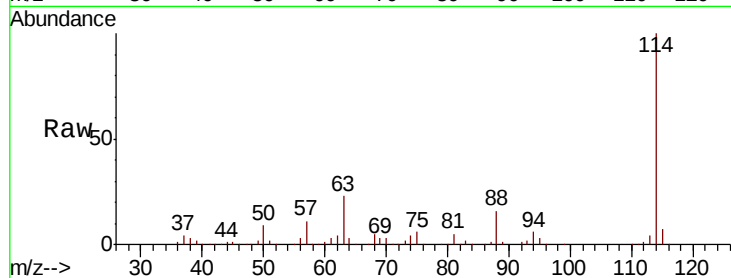
Tot Ion:114 Resp: 532407

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.4

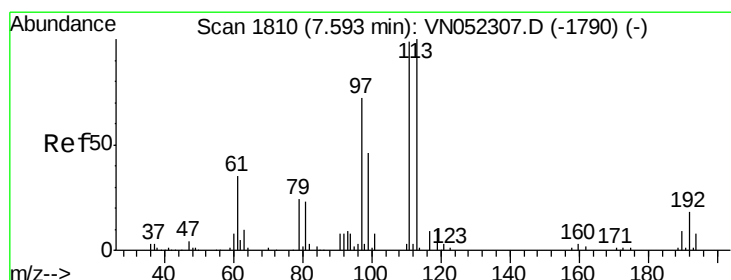
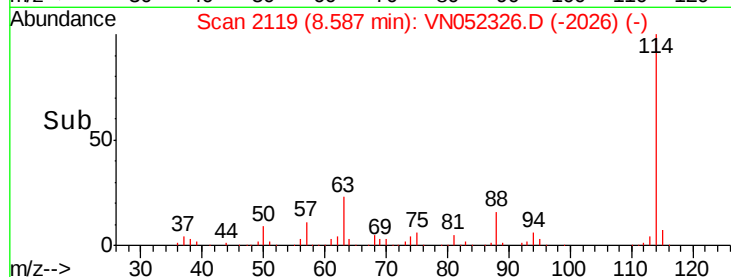
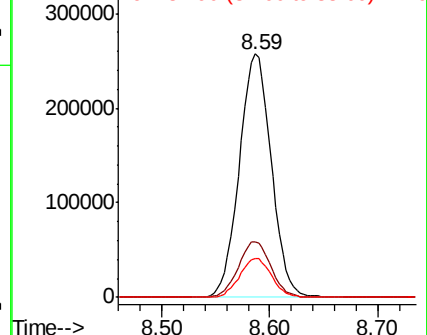
88 16.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

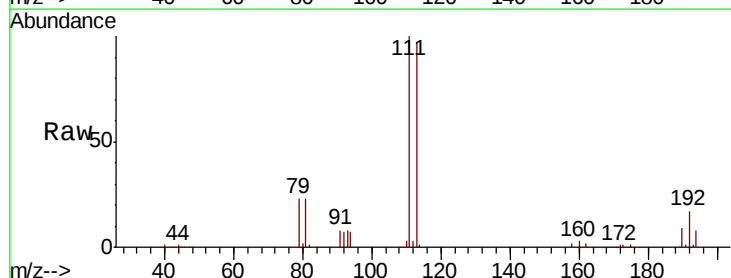
Tgt Ion:113 Resp: 169607

Ion Ratio Lower Upper

113 100

111 103.6 81.0 121.6

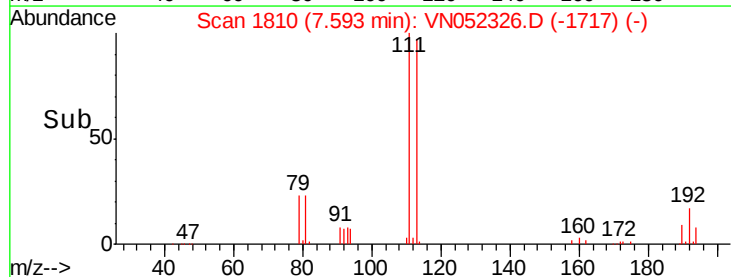
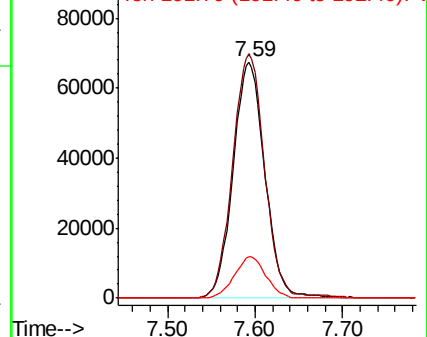
192 17.5 13.8 20.6

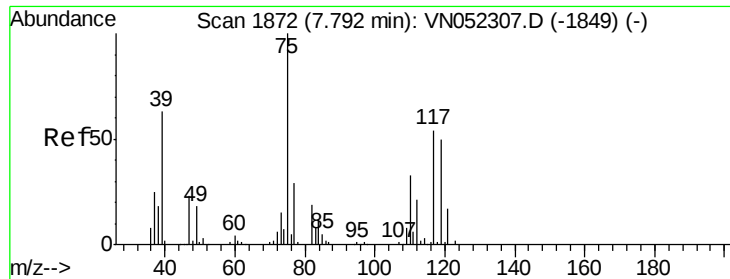


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

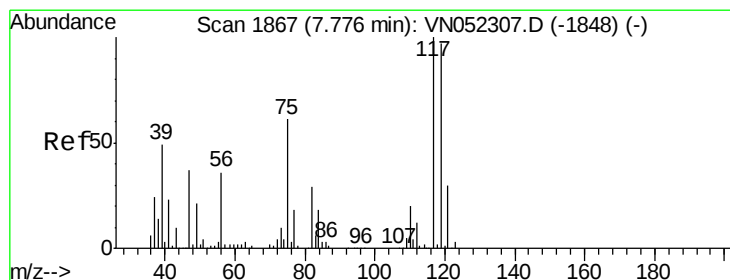
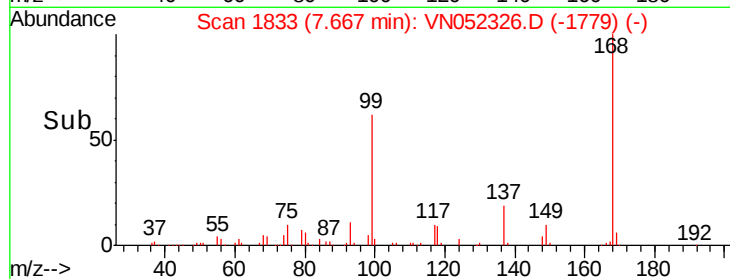
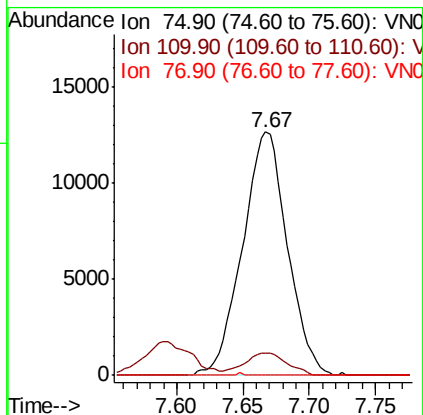
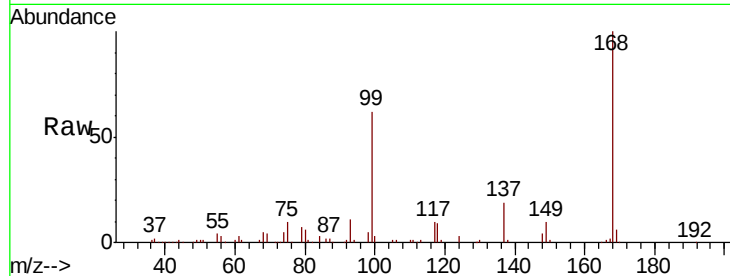




#36
 1,1-Dichloropropene
 Concen: 5.596 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052326.D
 Acq: 14 Nov 2018 21:08

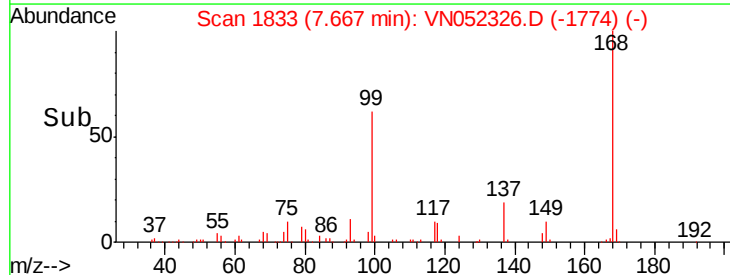
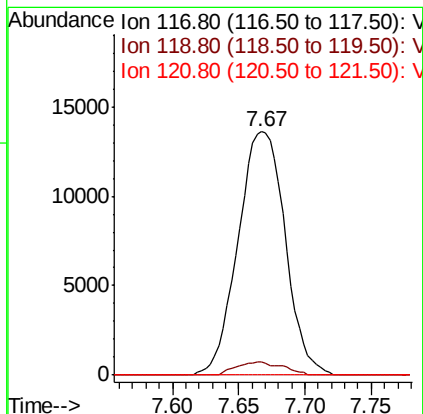
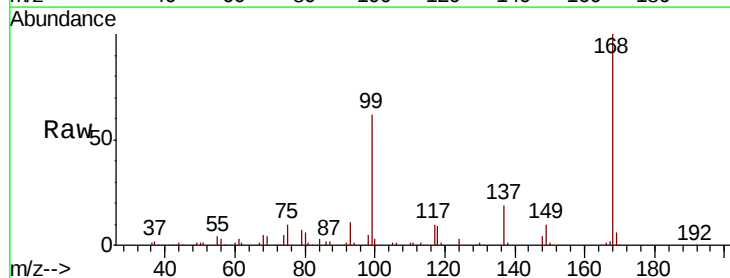
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

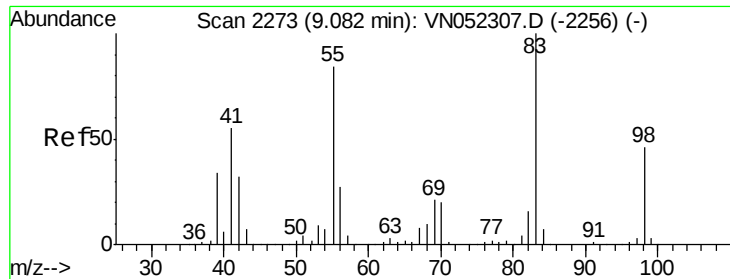
Tot Ion: 75 Resp: 29862
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.5 49.5#
 77 0.1 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.862 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052326.D
 Acq: 14 Nov 2018 21:08

Tgt Ion: 117 Resp: 33641
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.4 116.0#
 121 0.0 24.0 36.0#

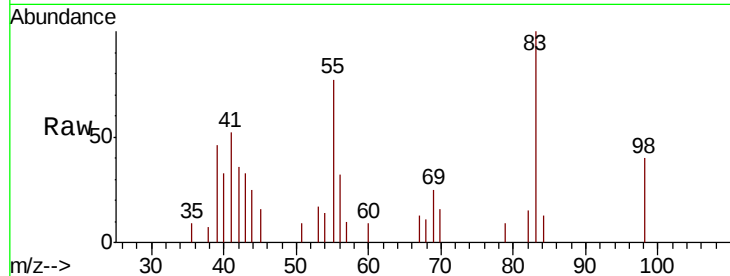




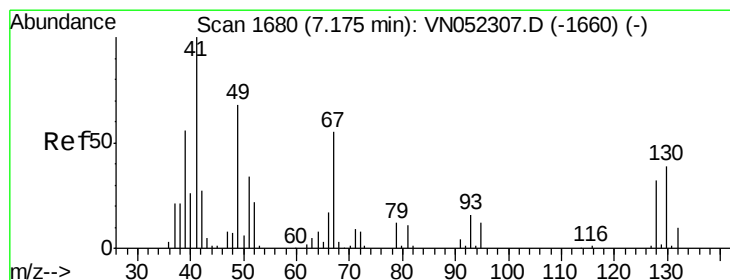
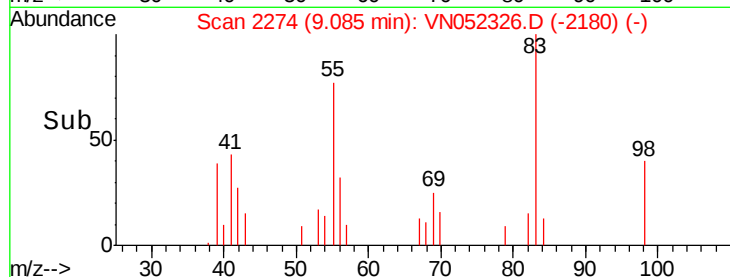
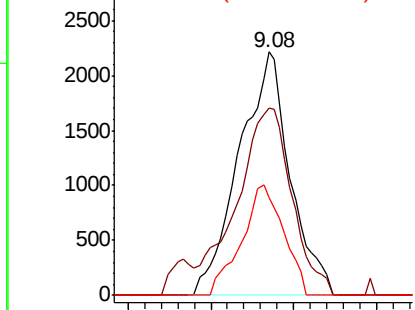
#39
Methvlcvclohexane
Concen: 0.777 ug/l
RT: 9.08 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Instrument :
MSVOA_N
ClientSampled :
TP-1D

Tot Ion: 83 Resp: 4733
Ion Ratio Lower Upper
83 100
55 76.8 66.8 100.2
98 40.4 36.4 54.6



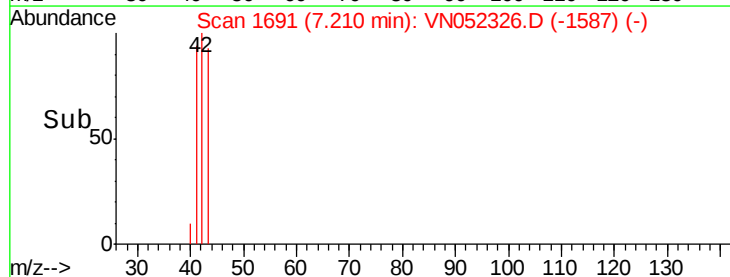
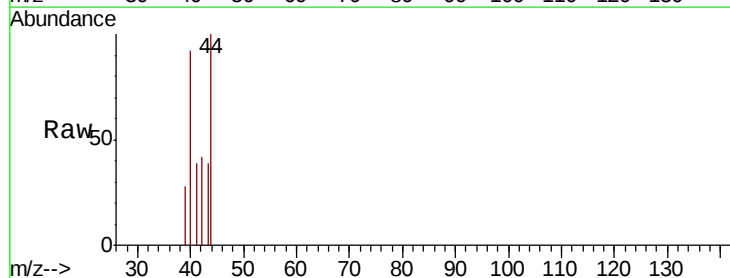
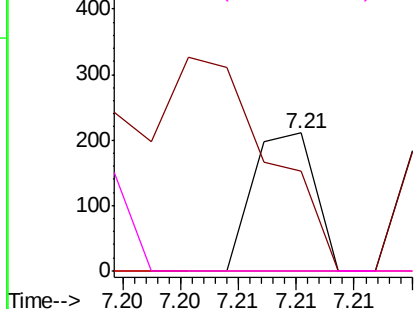
Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

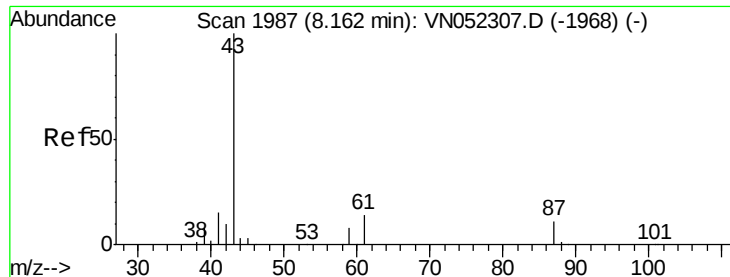


#41
Methacrylonitrile
Concen: 3.729 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Tgt Ion: 41 Resp: 79
Ion Ratio Lower Upper
41 100
39 232.9 0.0 0.0#
67 0.0 0.0 0.0
52 36.7 0.0 0.0#

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





#43

Isopropyl Acetate

Concen: 2.585 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

TP-1D

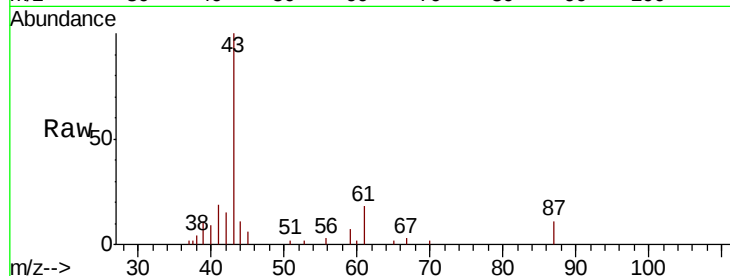
Tot Ion: 43 Resp: 19315

Ion Ratio Lower Upper

43 100

61 15.5 12.0 18.0

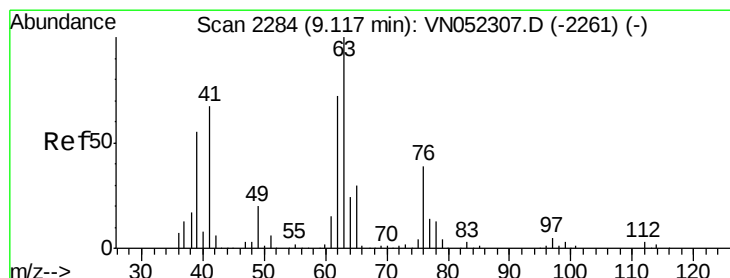
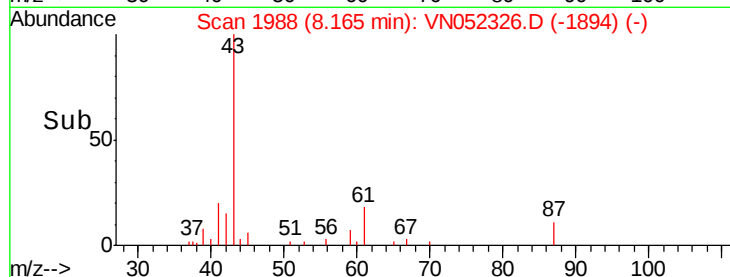
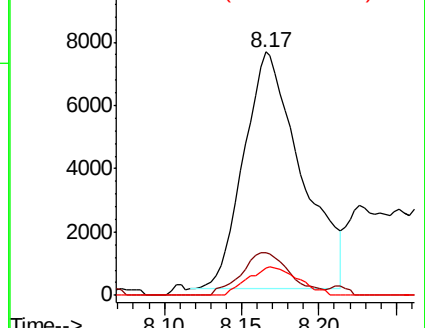
87 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.256 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.14 min

Lab File: VN052326.D

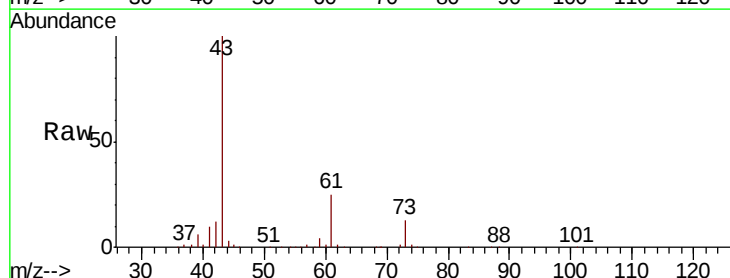
Acq: 14 Nov 2018 21:08

Tgt Ion: 63 Resp: 1107

Ion Ratio Lower Upper

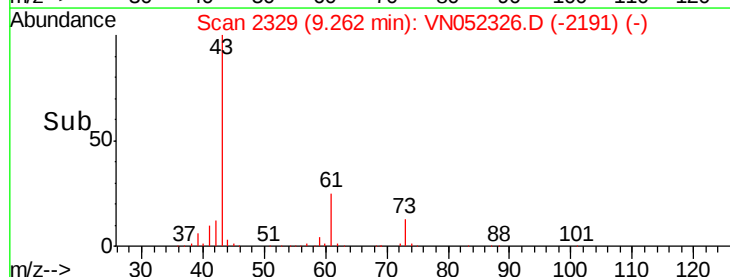
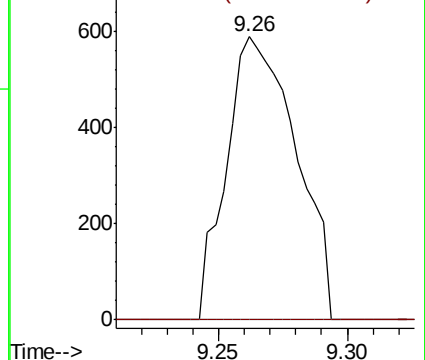
63 100

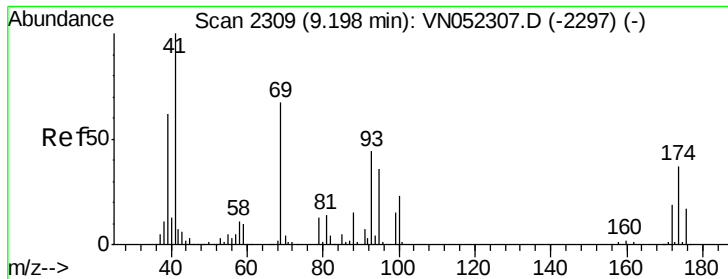
65 0.0 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VN052307.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN052307.D (-2261) (-)

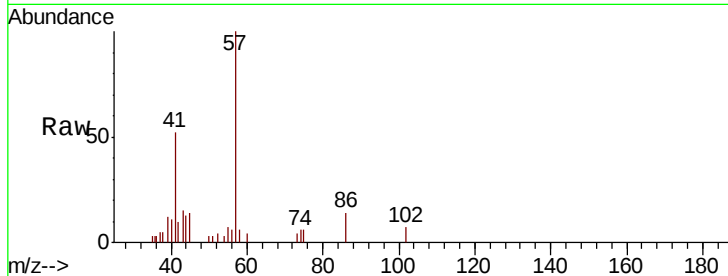




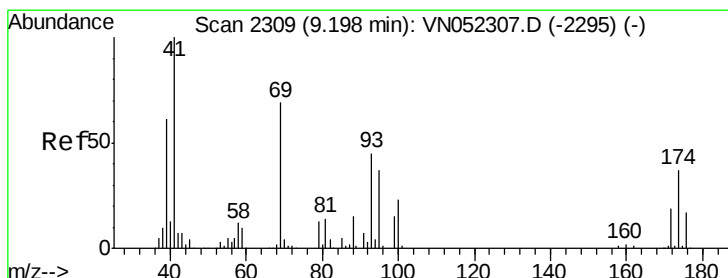
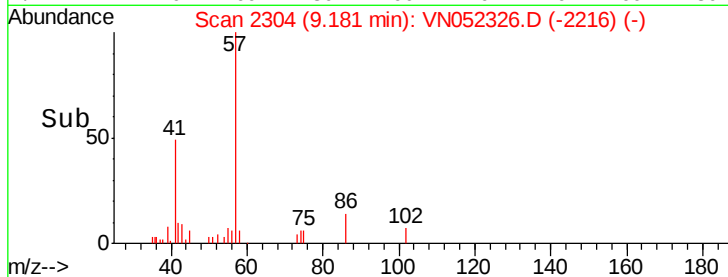
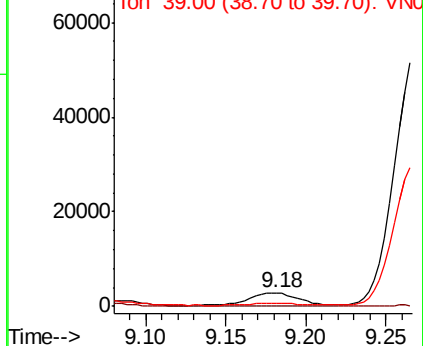
#48
Methvl methacrylate
Concen: 1.757 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Instrument :
MSVOA_N
ClientSampleId :
TP-1D

Tot Ion: 41 Resp: 6663
Ion Ratio Lower Upper
41 100
69 0.0 57.1 85.7#
39 0.0 52.5 78.7#

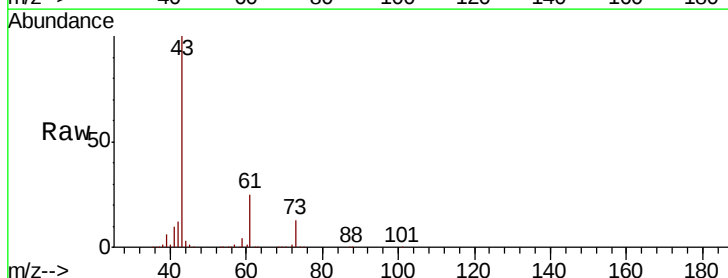


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

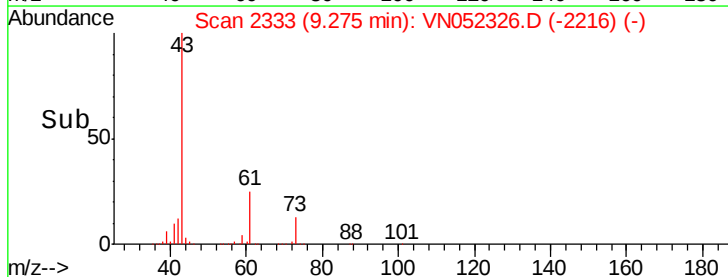
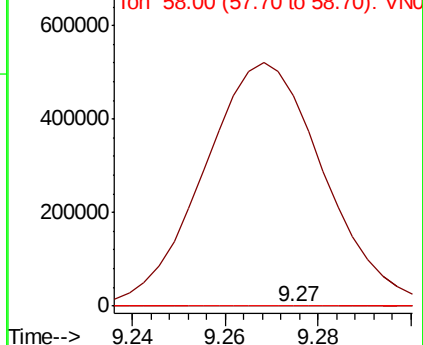


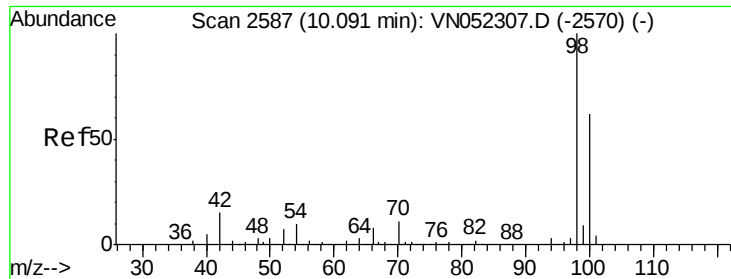
#49
1,4-Dioxane
Concen: 7.970 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.08 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Tgt Ion: 88 Resp: 232
Ion Ratio Lower Upper
88 100
43 413297.0 33.3 49.9#
58 1906.5 59.2 88.8#



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





#50

Toluene-d8

Concen: 7.970 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampleId :

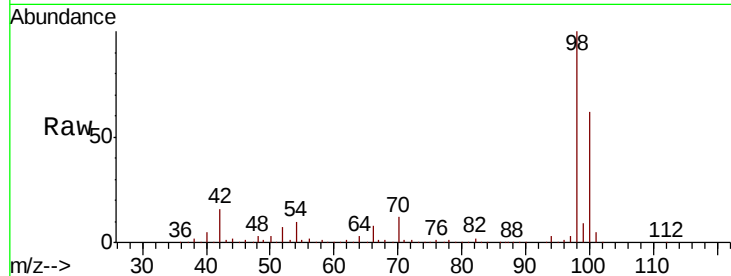
TP-1D

Tot Ion: 98 Resp: 669687

Ion Ratio Lower Upper

98 100

100 62.4 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

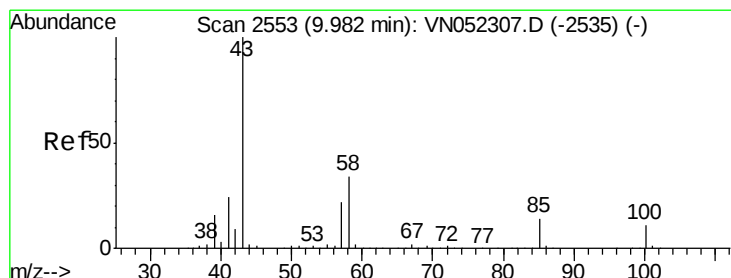
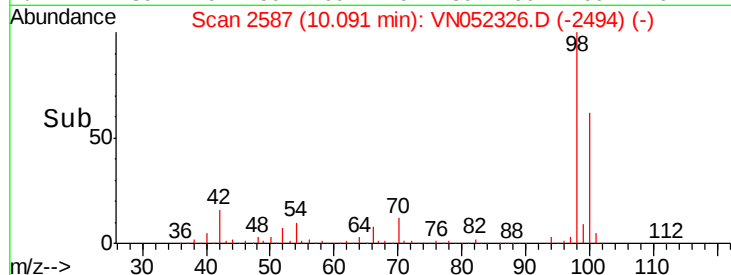
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.844 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN052326.D

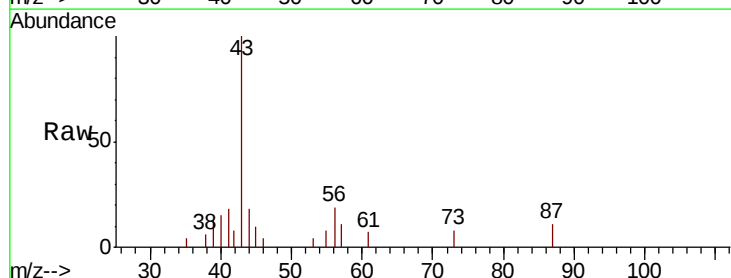
Acq: 14 Nov 2018 21:08

Tgt Ion: 43 Resp: 6935

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.02

4000

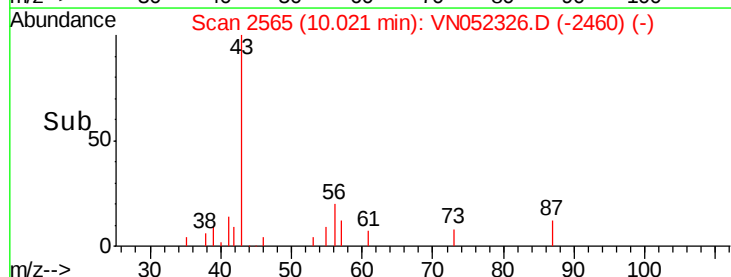
3000

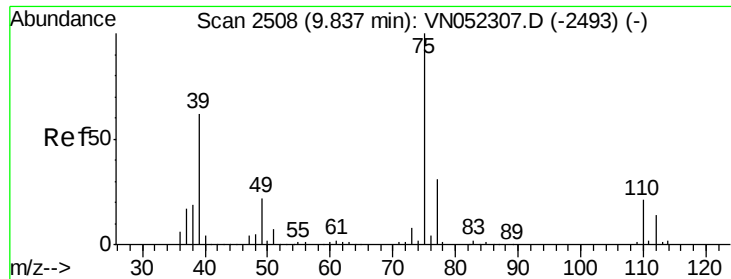
2000

1000

0

Time-->

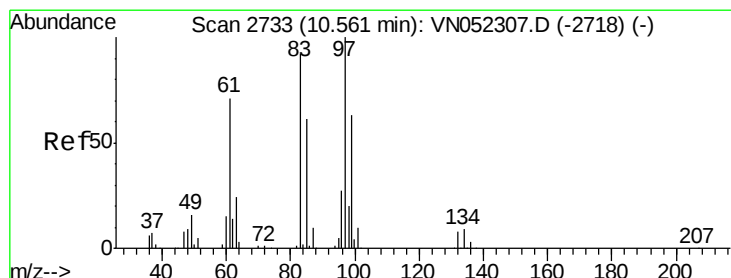
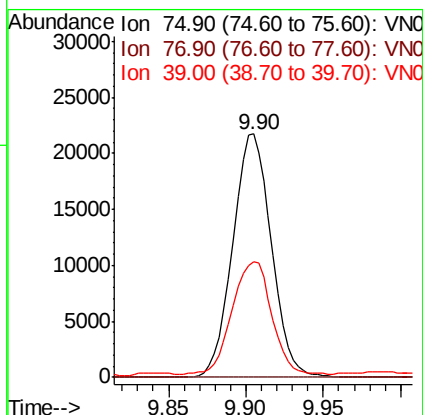
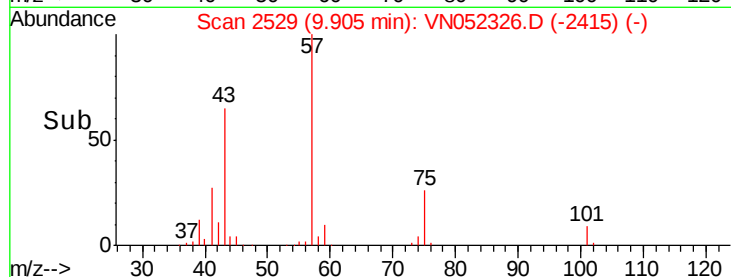
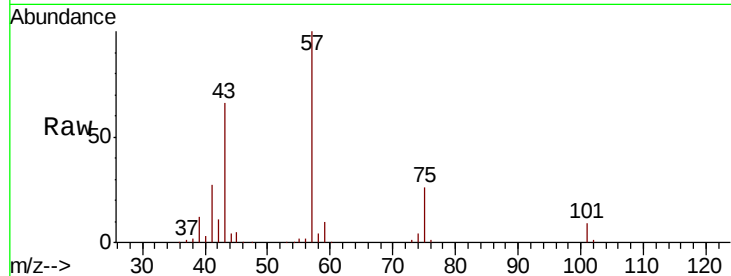




#54
 cis-1,3-Dichloropropene
 Concen: 6.375 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN052326.D
 Acq: 14 Nov 2018 21:08

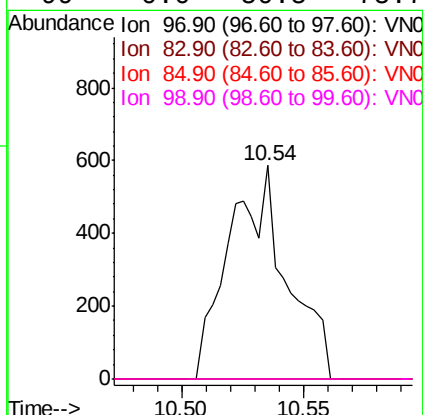
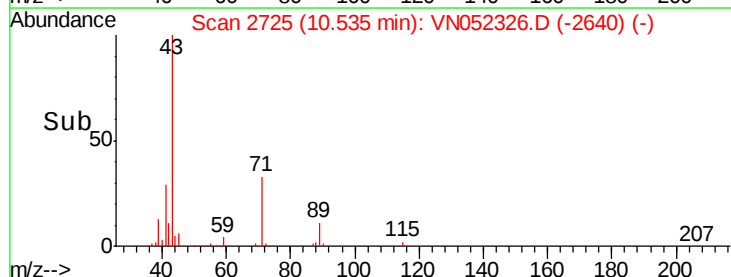
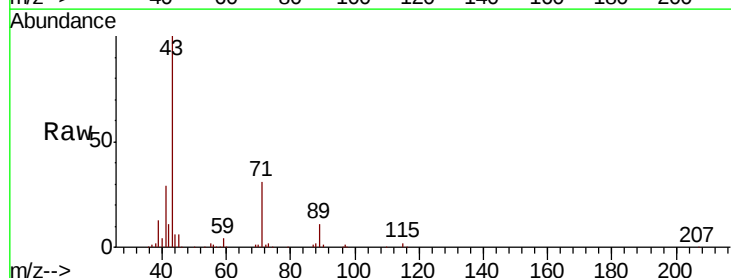
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1D

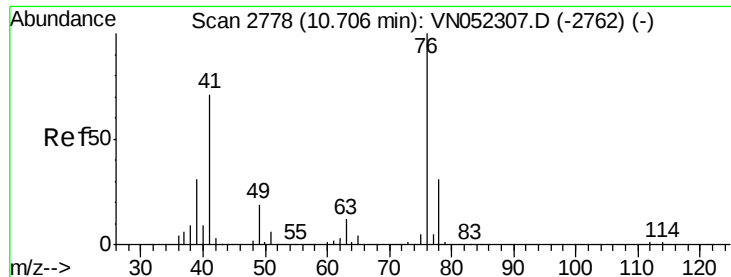
Tot Ion: 75 Resp: 37668
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 46.2 49.9 74.9#



#55
 1,1,2-Trichloroethane
 Concen: 0.290 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN052326.D
 Acq: 14 Nov 2018 21:08

Tgt Ion: 97 Resp: 960
 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#





#57

1,3-Dichloropropane

Concen: 1.289 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampleId :

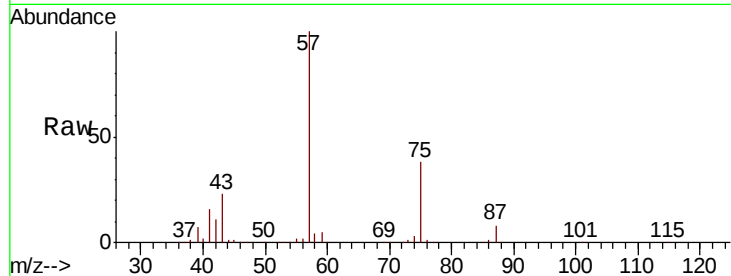
TP-1D

Tot Ion: 76 Resp: 7546

Ion Ratio Lower Upper

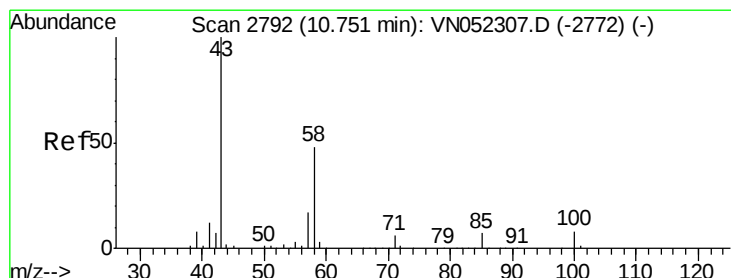
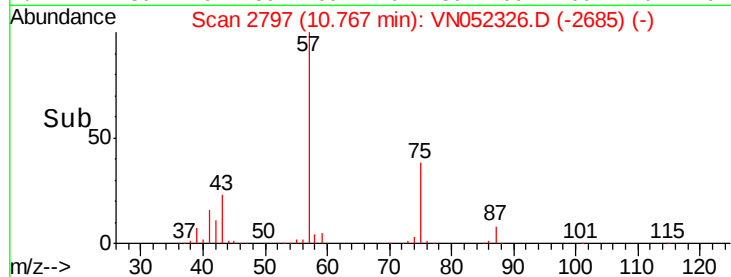
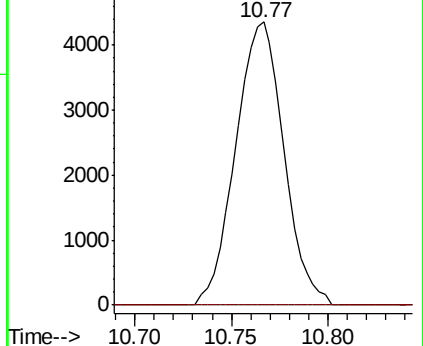
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 51.778 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052326.D

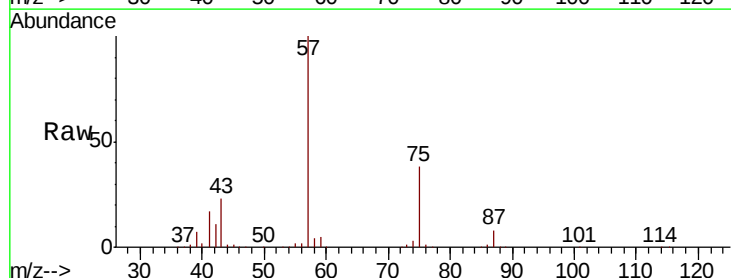
Acq: 14 Nov 2018 21:08

Tgt Ion: 43 Resp: 133973

Ion Ratio Lower Upper

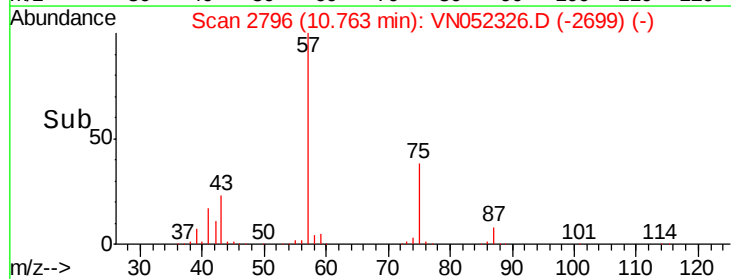
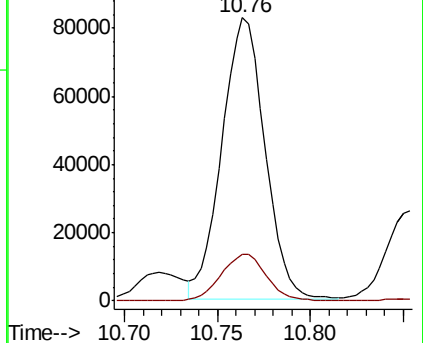
43 100

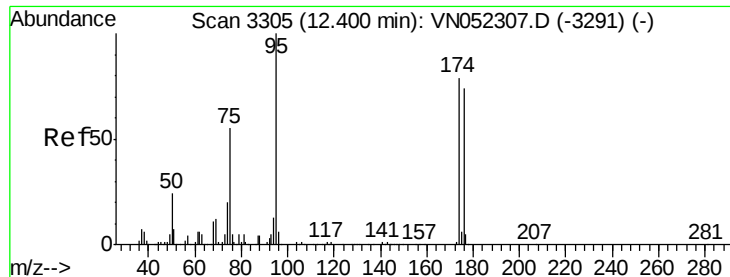
58 17.4 23.5 70.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampleId :

TP-1D

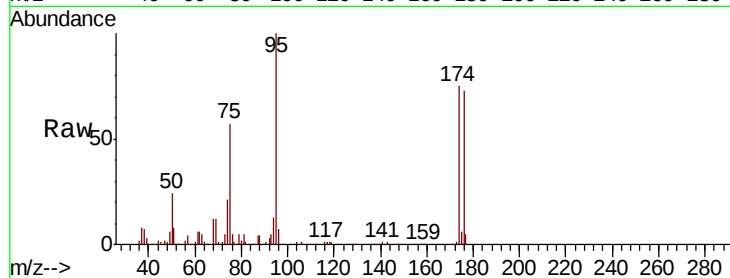
Tot Ion: 95 Resp: 198675

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.0

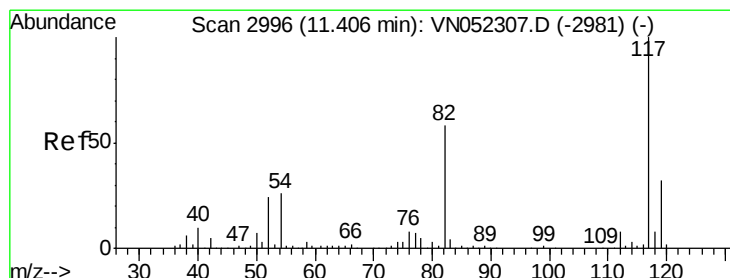
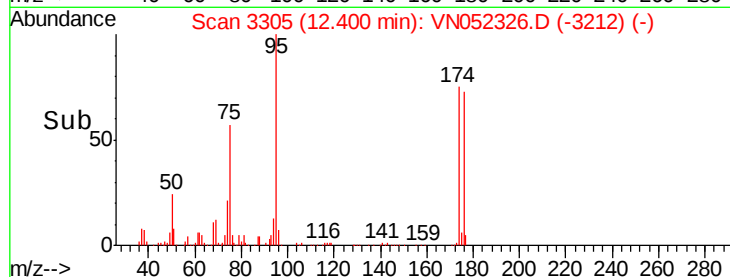
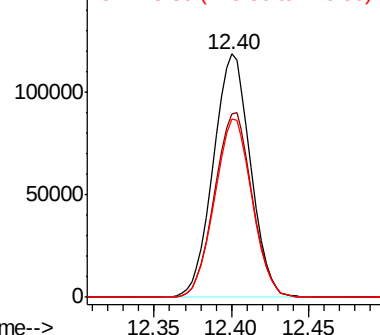
176 73.9 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

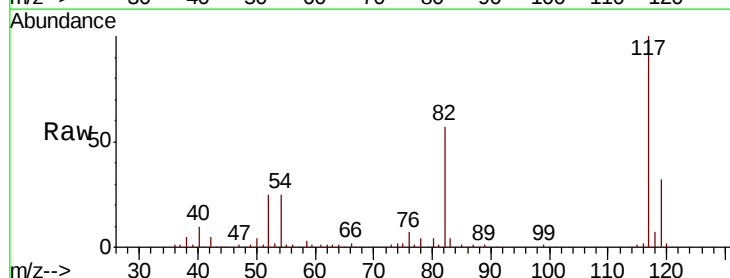
Tgt Ion: 117 Resp: 457902

Ion Ratio Lower Upper

117 100

82 57.5 46.5 69.7

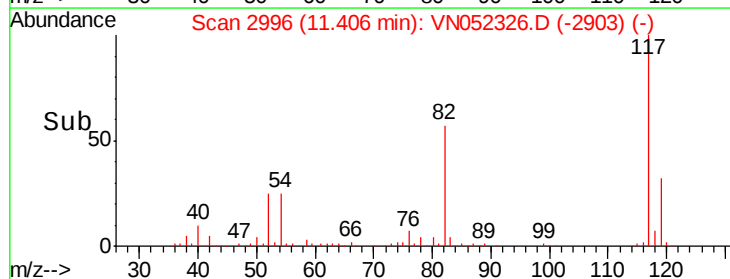
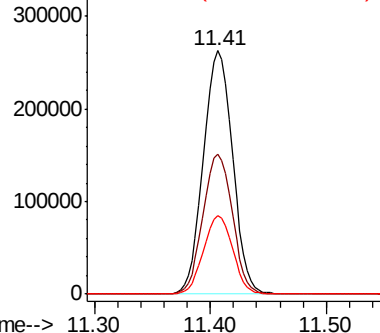
119 32.1 25.7 38.5

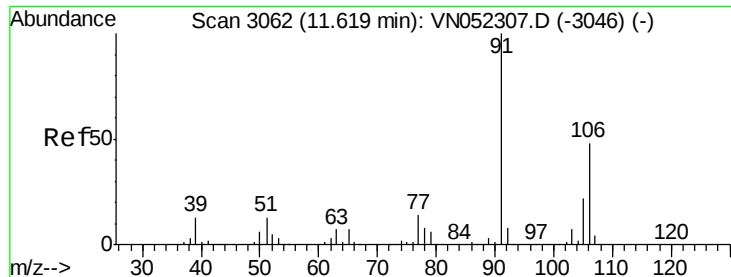


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

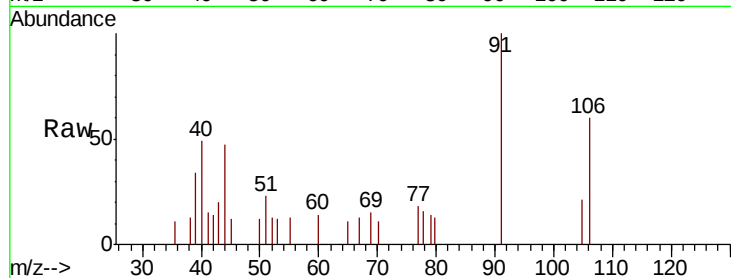




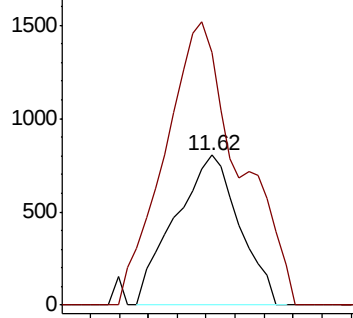
#68
m/p-Xvlenes
Concen: 0.202 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Instrument :
MSVOA_N
ClientSampled :
TP-1D

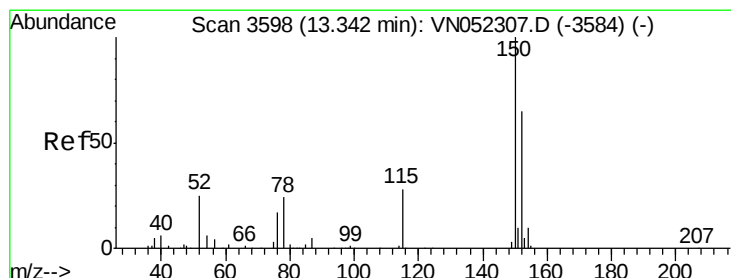
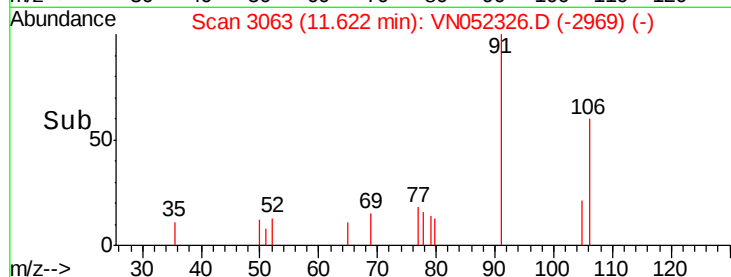
Tot Ion:106 Resp: 1242
Ion Ratio Lower Upper
106 100
91 219.6 165.5 248.3



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

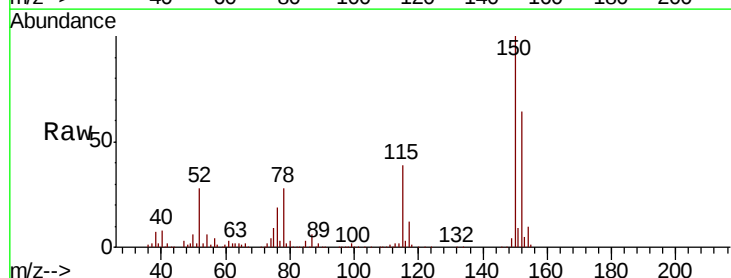


Time-->

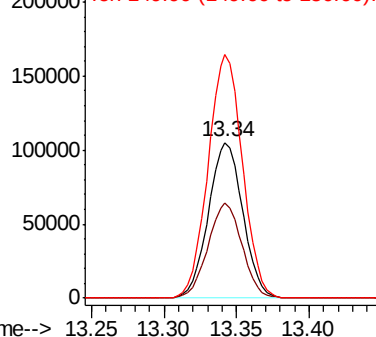


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

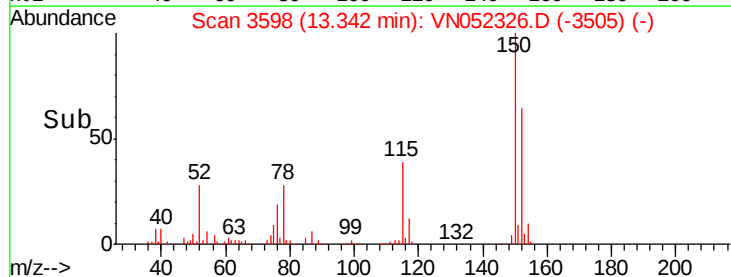
Tgt Ion:152 Resp: 172802
Ion Ratio Lower Upper
152 100
115 61.0 30.3 91.0
150 156.4 0.0 348.2

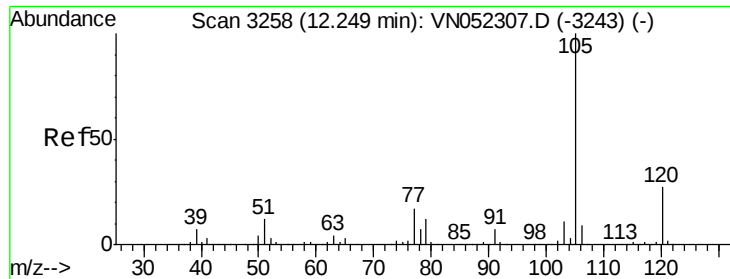


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 2.527 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampleId :

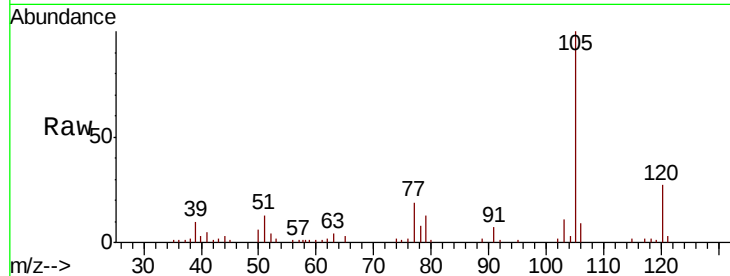
TP-1D

Tot Ion:105 Resp: 35110

Ion Ratio Lower Upper

105 100

120 24.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

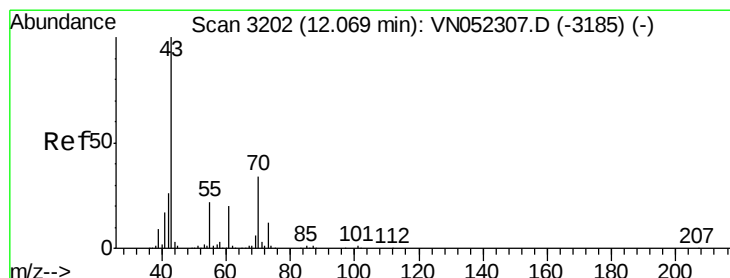
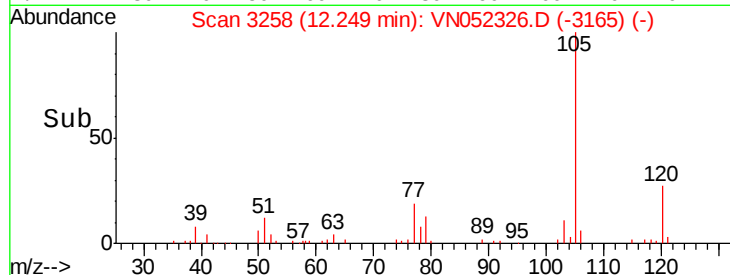
10000

5000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 3.086 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Tgt Ion: 43 Resp: 15269

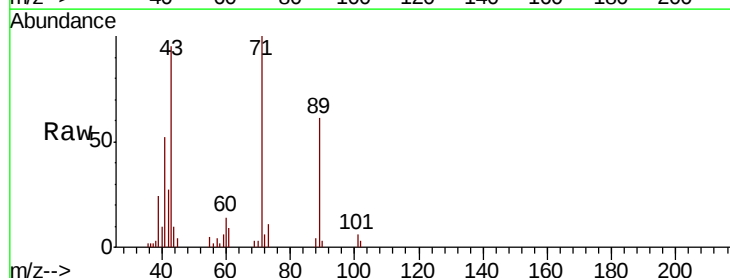
Ion Ratio Lower Upper

43 100

70 4.1 27.1 40.7#

55 4.9 17.4 26.0#

61 10.1 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

15000

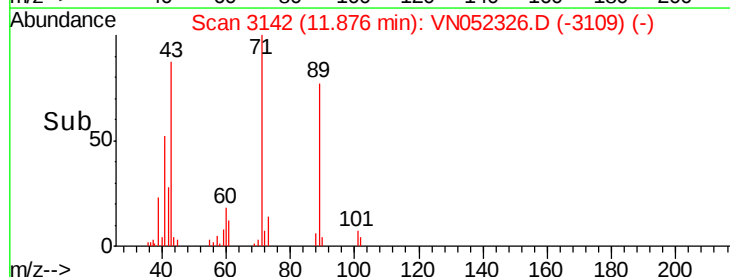
10000

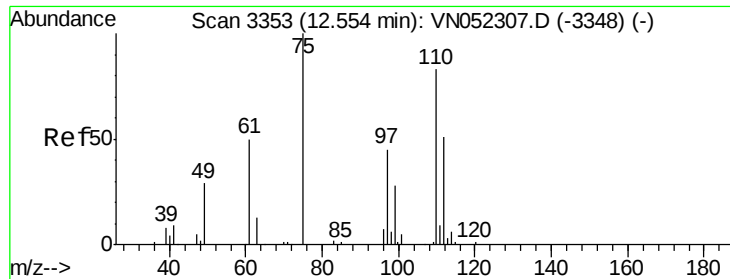
5000

0

11.80 11.85 11.90

Time-->





#76

1,2,3-Trichloropropane

Concen: 38.114 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampleId :

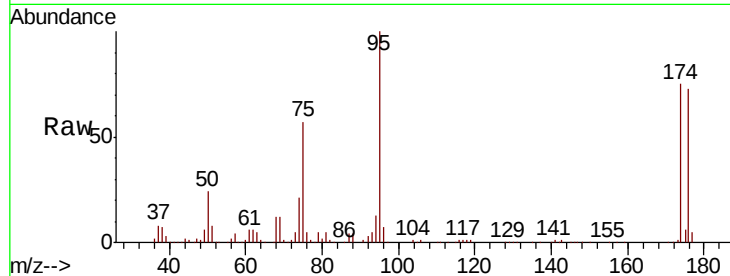
TP-1D

Tot Ion: 75 Resp: 111756

Ion Ratio Lower Upper

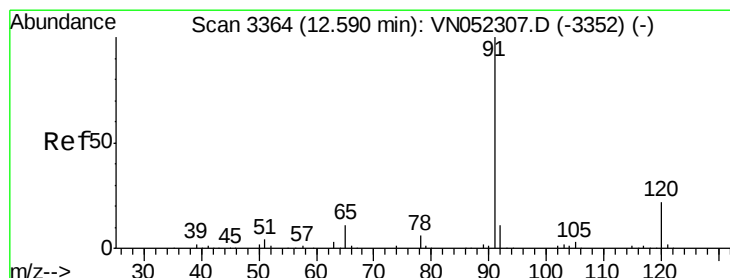
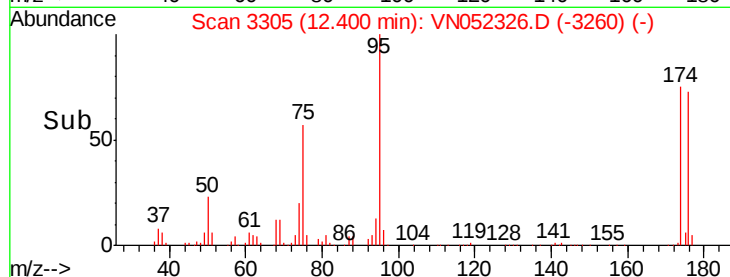
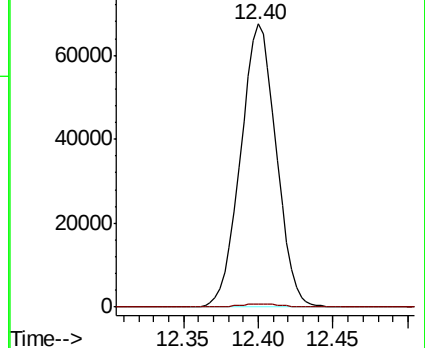
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 3.679 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052326.D

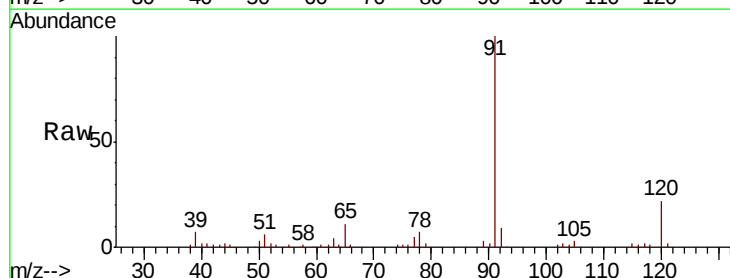
Acq: 14 Nov 2018 21:08

Tgt Ion: 91 Resp: 59773

Ion Ratio Lower Upper

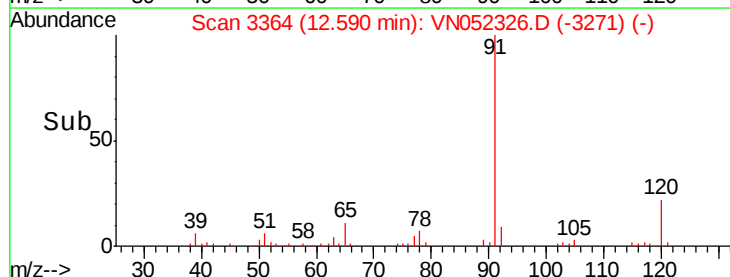
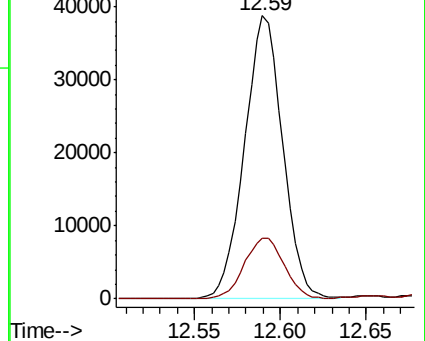
91 100

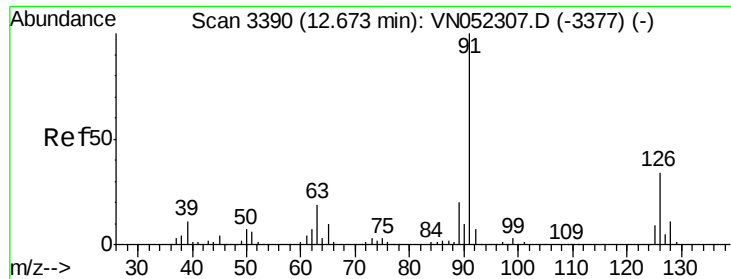
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

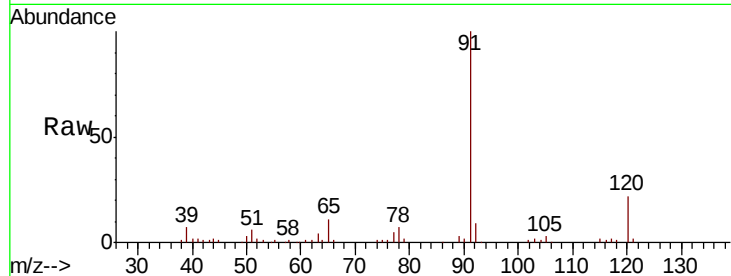




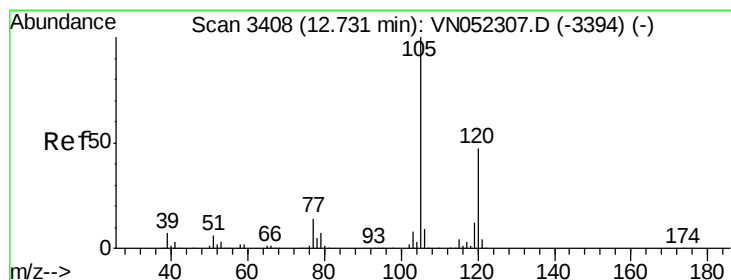
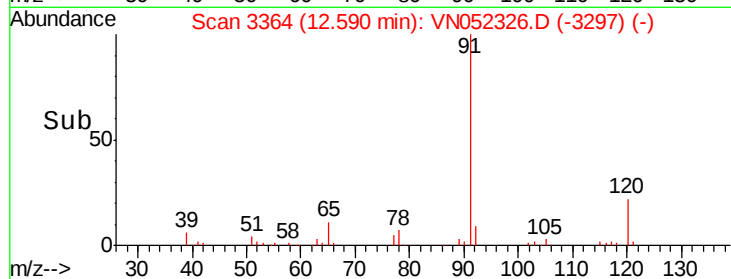
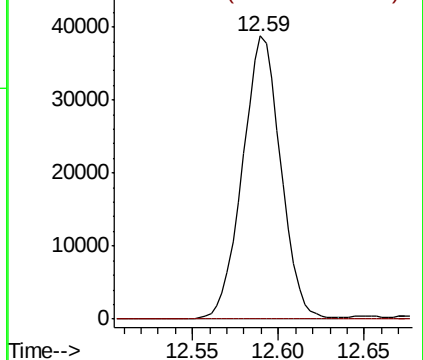
#79
 2-Chlorotoluene
 Concen: 6.297 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.08 min
 Lab File: VN052326.D
 Acq: 14 Nov 2018 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

Tot Ion: 91 Resp: 59773
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.0 51.0#

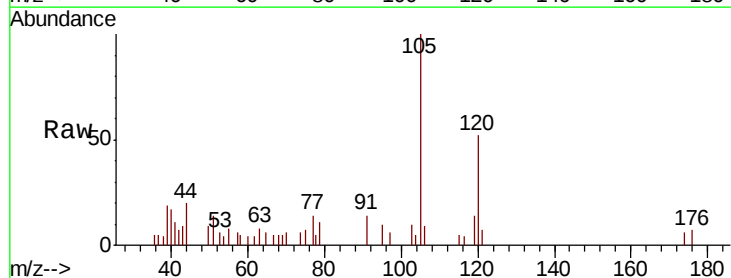


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN052307.D (-3377) (-)

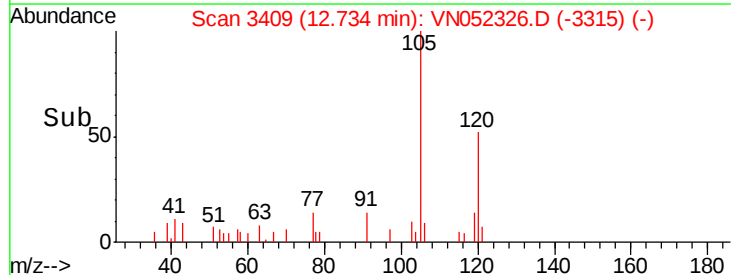
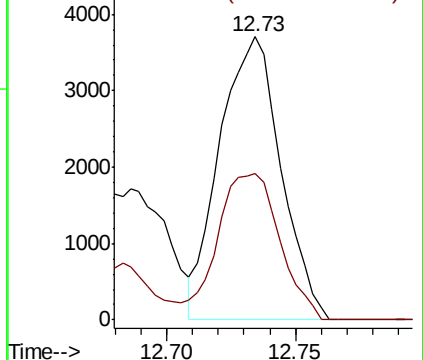


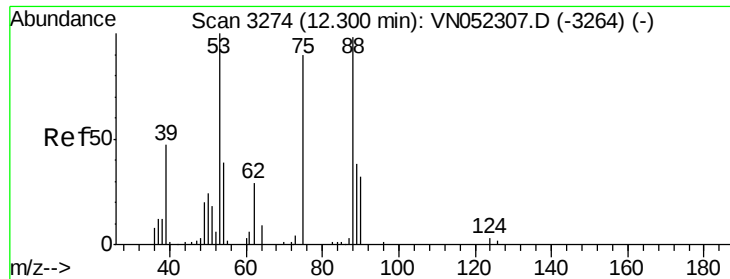
#80
 1,3,5-Trimethylbenzene
 Concen: 0.555 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052326.D
 Acq: 14 Nov 2018 21:08

Tgt Ion: 105 Resp: 6127
 Ion Ratio Lower Upper
 105 100
 120 52.5 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 123.620 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

TP-1D

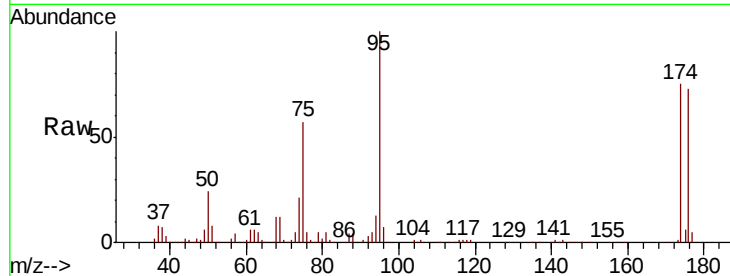
Tot Ion: 75 Resp: 111756

Ion Ratio Lower Upper

75 100

53 0.0 90.2 135.2#

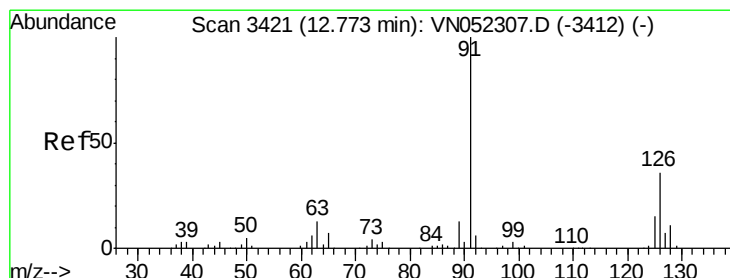
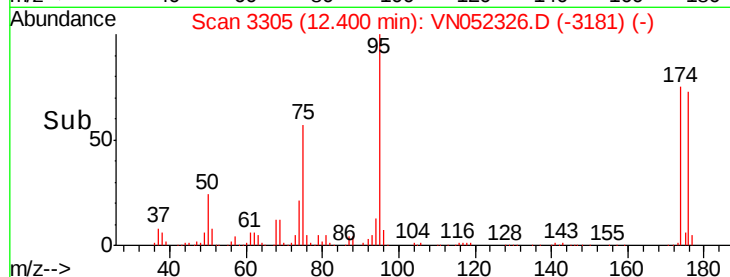
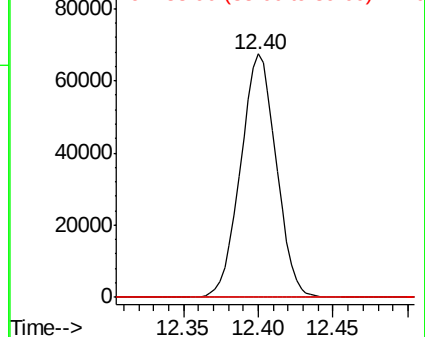
89 0.0 35.4 53.0#



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: 6.146 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN052326.D

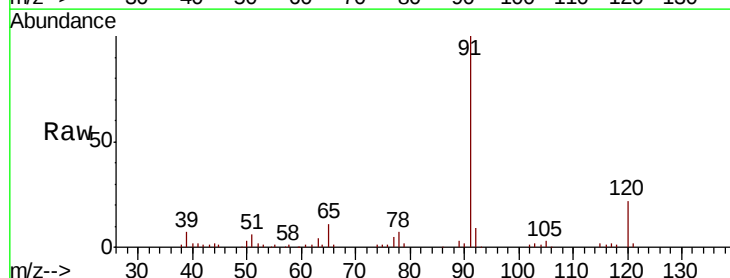
Acq: 14 Nov 2018 21:08

Tgt Ion: 91 Resp: 59773

Ion Ratio Lower Upper

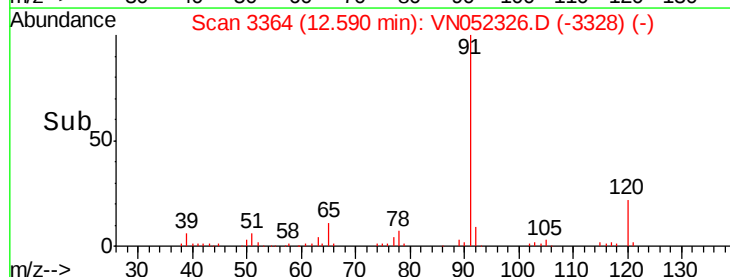
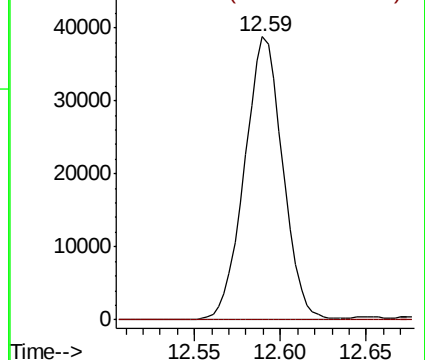
91 100

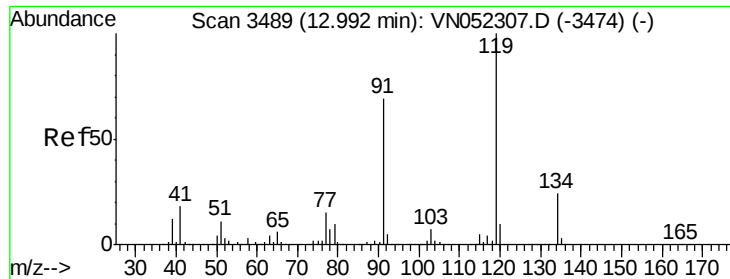
126 0.0 17.0 50.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

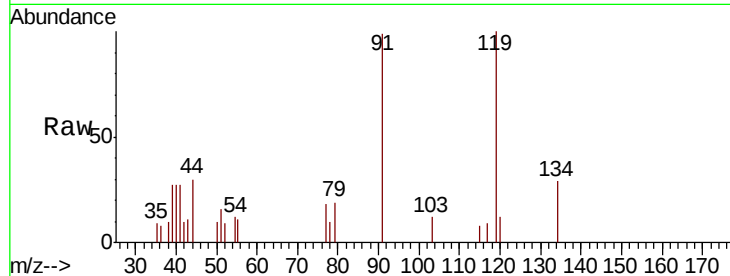




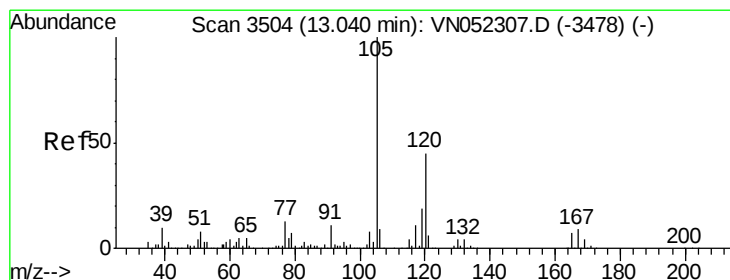
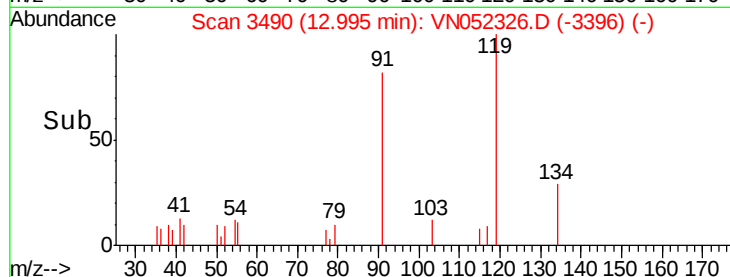
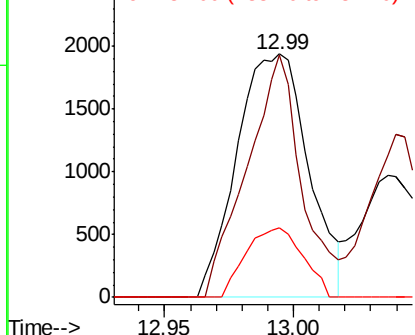
#83
tert-Butylbenzene
Concen: 0.385 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Instrument :
MSVOA_N
ClientSampled :
TP-1D

Tot Ion:119 Resp: 3758
Ion Ratio Lower Upper
119 100
91 76.2 33.8 101.3
134 22.8 11.9 35.9

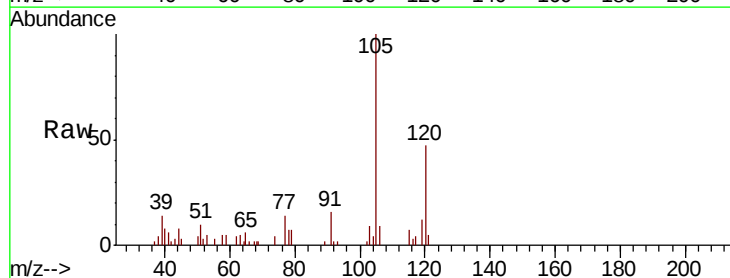


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

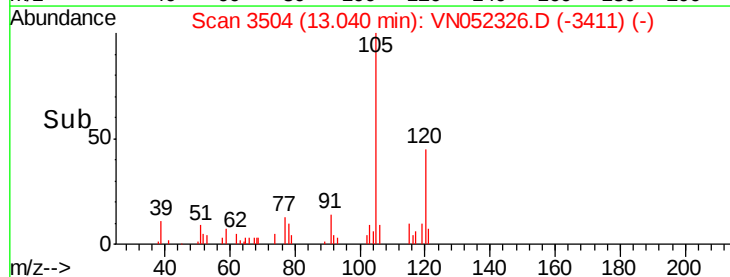
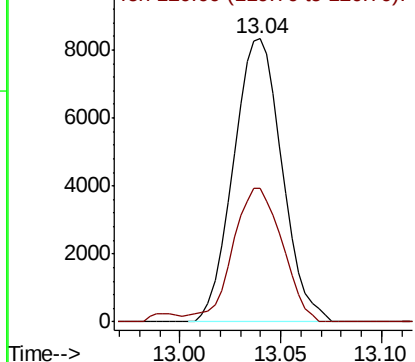


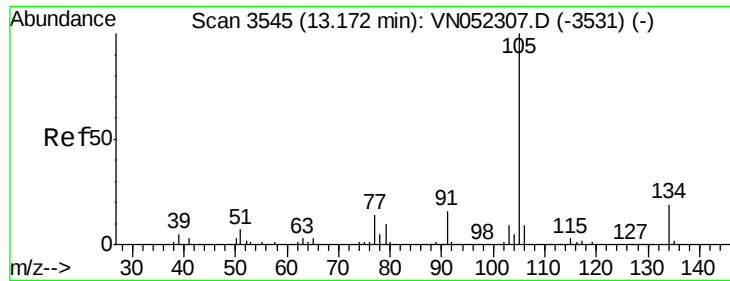
#84
1,2,4-Trimethylbenzene
Concen: 1.265 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052326.D
Acq: 14 Nov 2018 21:08

Tgt Ion:105 Resp: 14036
Ion Ratio Lower Upper
105 100
120 48.3 22.5 67.5



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





#85

sec-Butylbenzene

Concen: 3.169 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

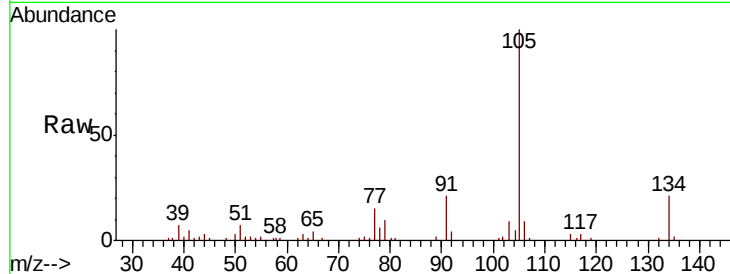
TP-1D

Tot Ion:105 Resp: 42107

Ion Ratio Lower Upper

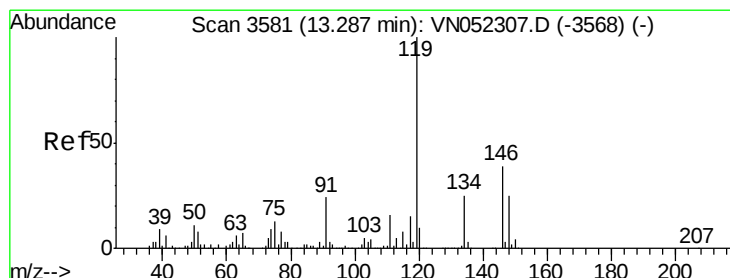
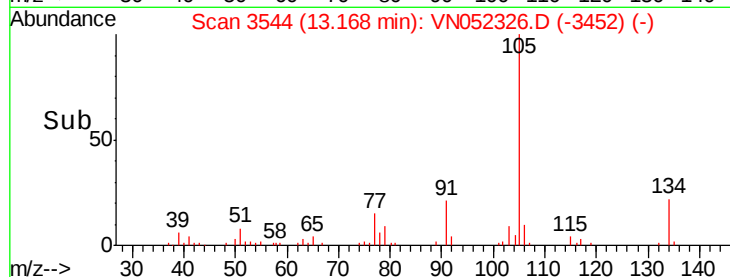
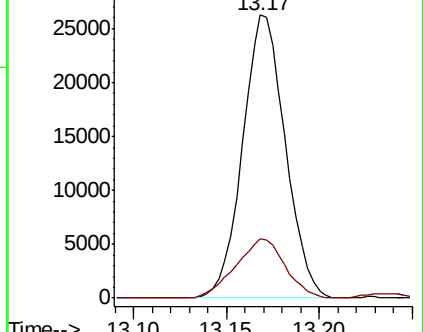
105 100

134 24.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.384 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

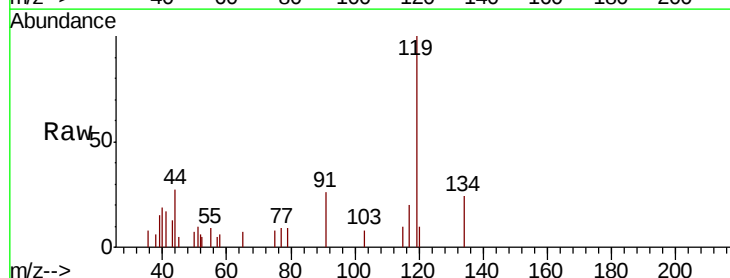
Tgt Ion:119 Resp: 4319

Ion Ratio Lower Upper

119 100

134 28.7 13.0 38.9

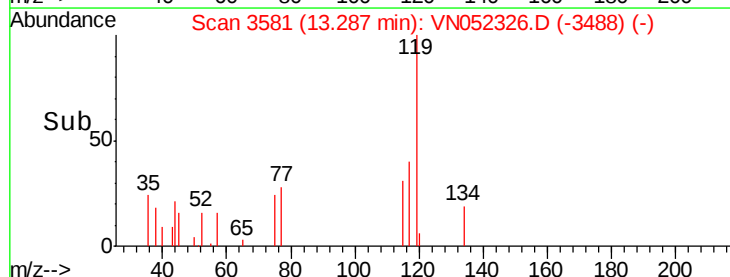
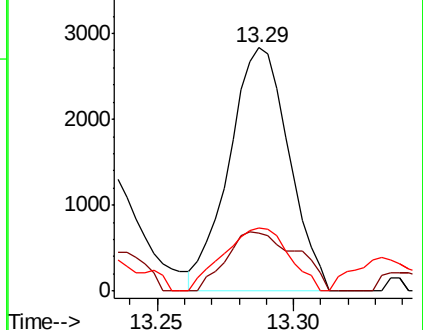
91 28.3 12.4 37.0

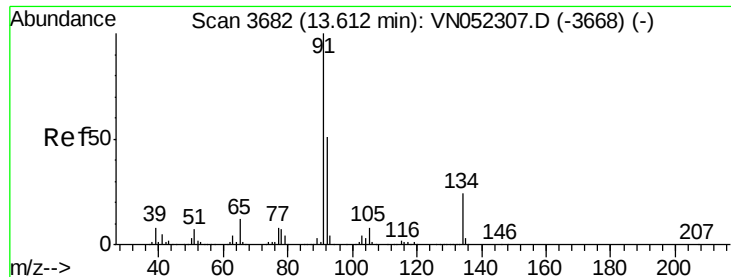


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 2.416 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

TP-1D

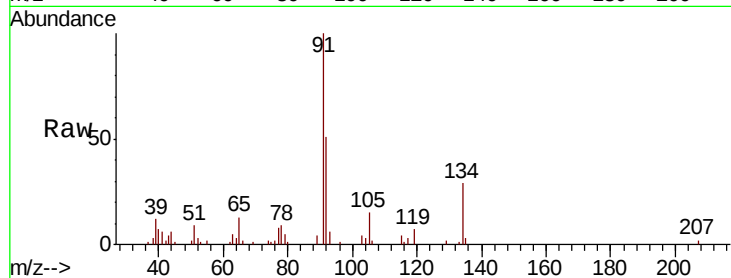
Tot Ion: 91 Resp: 23355

Ion Ratio Lower Upper

91 100

92 43.7 25.4 76.2

134 0.0 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) (-)

13.61

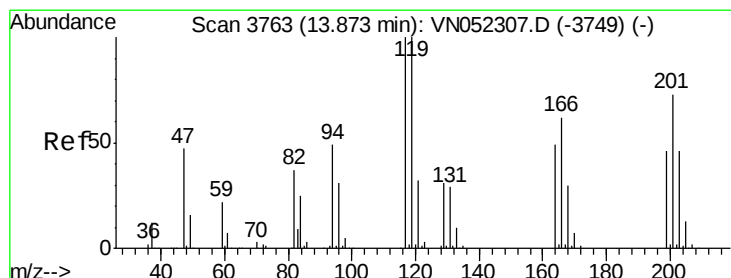
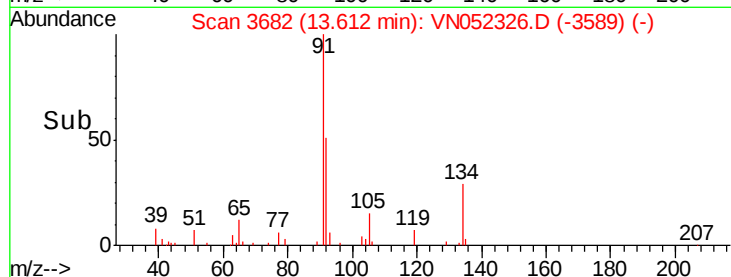
10000

5000

0

13.55 13.60 13.65

Time-->



#90

Hexachloroethane

Concen: 6.856 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN052326.D

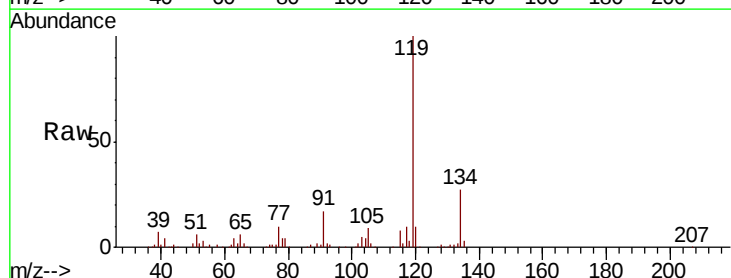
Acq: 14 Nov 2018 21:08

Tgt Ion: 117 Resp: 13667

Ion Ratio Lower Upper

117 100

201 0.0 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) (-)

20000

15000

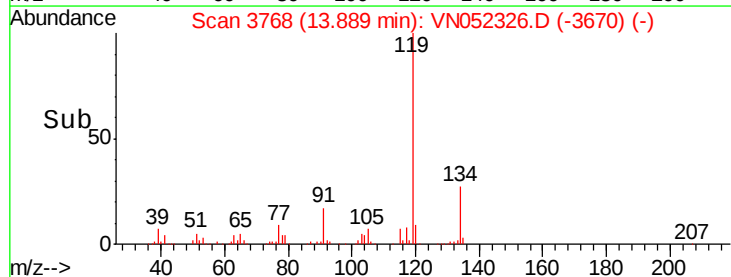
10000

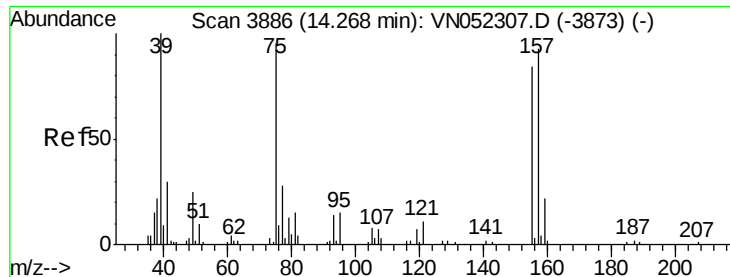
5000

0

13.85 13.90

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.303 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.01 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampled :

TP-1D

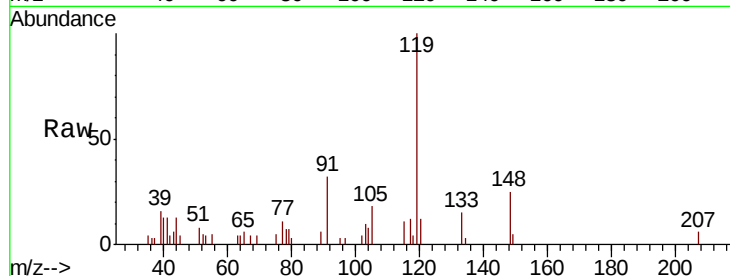
Tot Ion: 75 Resp: 150

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.3#

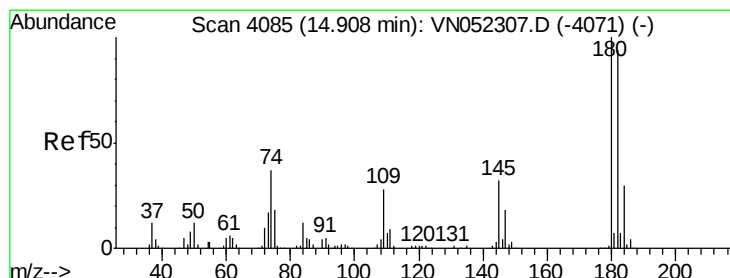
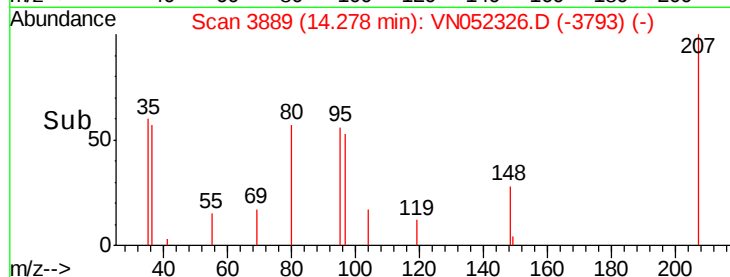
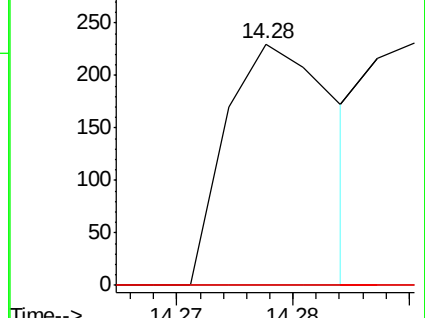
157 0.0 49.6 149.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN052307.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN052307.D (-3873) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.375 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

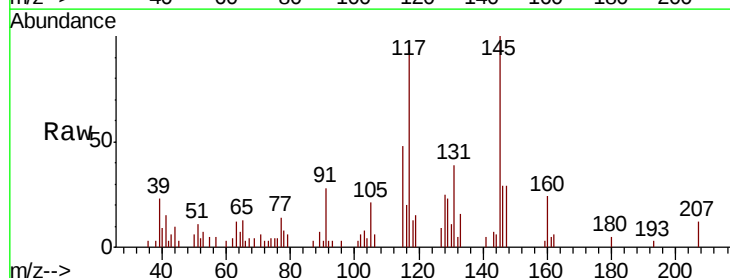
Tgt Ion: 180 Resp: 320

Ion Ratio Lower Upper

180 100

182 33.8 47.6 142.9#

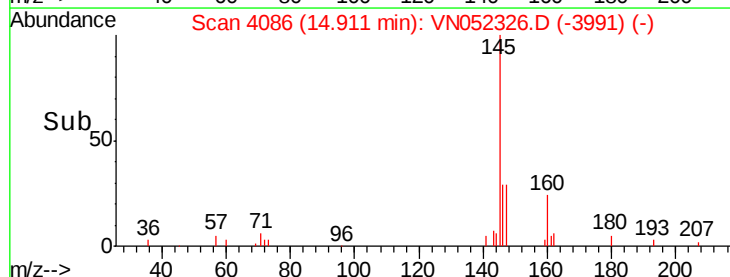
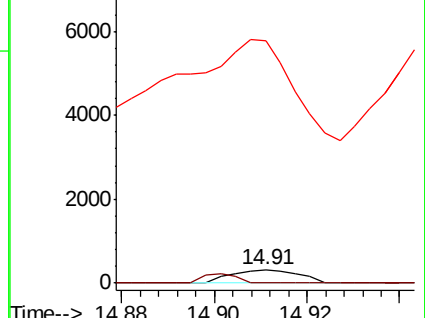
145 5160.9 15.5 46.5#

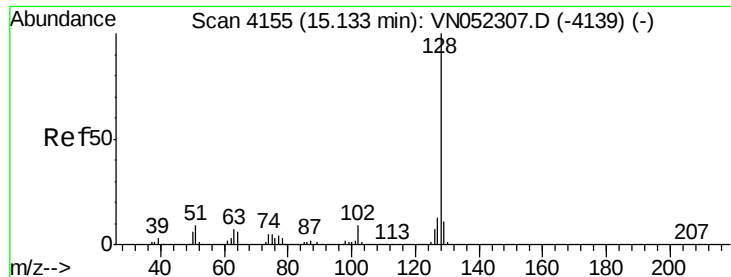


Abundance Ion 179.80 (179.50 to 180.50): VN052307.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN052307.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN052307.D (-4071) (-)





#95

Naphthalene

Concen: 5.823 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052326.D

Acq: 14 Nov 2018 21:08

Instrument :

MSVOA_N

ClientSampleId :

TP-1D

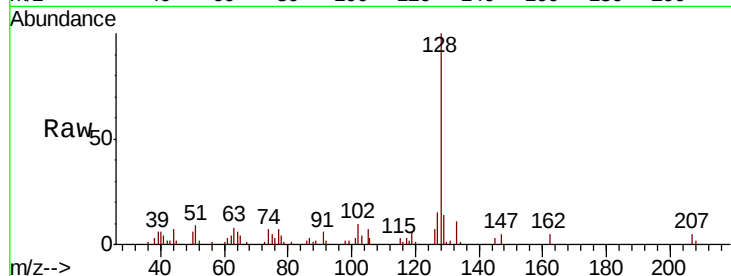
Tot Ion:128 Resp: 20769

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.2 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

