

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052626.D
 Acq On : 3 Dec 2018 12:41
 Operator : MD\SY
 Sample : PB115231ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#03

Quant Time: Dec 04 00:32:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1232303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1904758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1698958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	653821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	649516	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	7.59	113	582847	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	10.09	98	2322240	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.40	95	747742	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

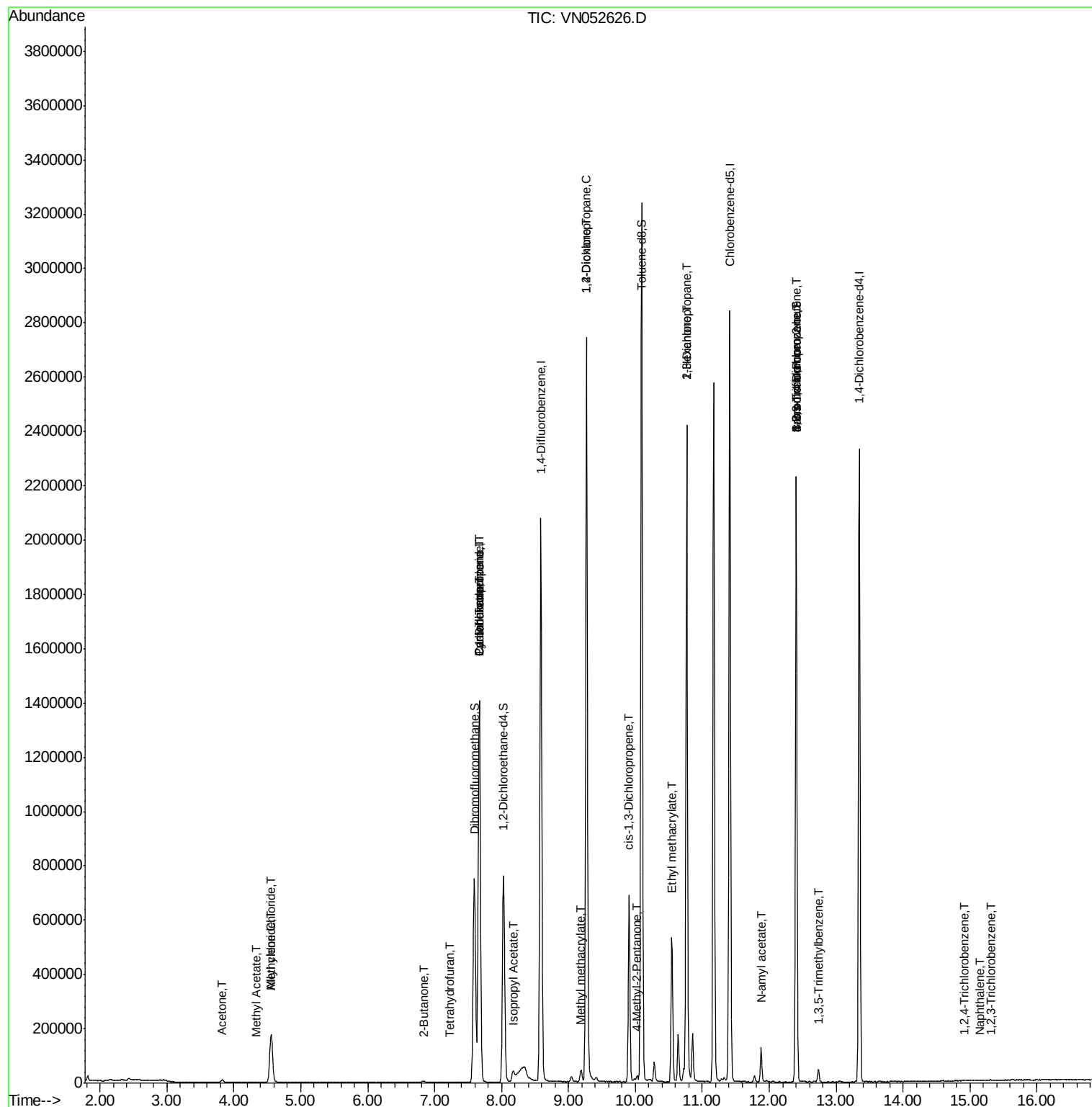
						Qvalue
14) Allyl chloride	4.56	41	5542	0.279	ug/l #	26
16) Acetone	3.82	43	18059	5.103	ug/l	91
18) Methyl Acetate	4.34	43	5404	0.532	ug/l #	68
20) Methylene Chloride	4.56	84	140221	10.125	ug/l	96
25) 2-Butanone	6.85	43	1301	0.259	ug/l #	50
29) Tetrahydrofuran	7.22	42	1697	0.525	ug/l #	36
31) Cyclohexane	7.67	56	21235	0.558	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	84821	4.716	ug/l #	49
38) Carbon Tetrachloride	7.67	117	107573	6.606	ug/l #	16
43) Isopropyl Acetate	8.17	43	58212	3.134	ug/l #	80
45) 1,2-Dichloropropane	9.27	63	3638	0.255	ug/l #	43
48) Methyl methacrylate	9.18	41	15194	1.569	ug/l #	13
49) 1,4-Dioxane	9.27	88	262	2.606	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	16883	1.620	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	126225	6.383	ug/l #	62
56) Ethyl methacrylate	10.55	69	1901	2.809	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	25007	1.264	ug/l #	44
59) 2-Hexanone	10.77	43	350921	50.164	ug/l #	53
71) Bromoform	12.40	173	4626	0.574	ug/l #	1
74) N-amyl acetate	11.88	43	40600	3.133	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	358589	35.566	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	24270	0.593	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	358589	118.774	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	562	2.875	ug/l #	67
95) Naphthalene	15.14	128	1219	3.475	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	207	2.745	ug/l #	36

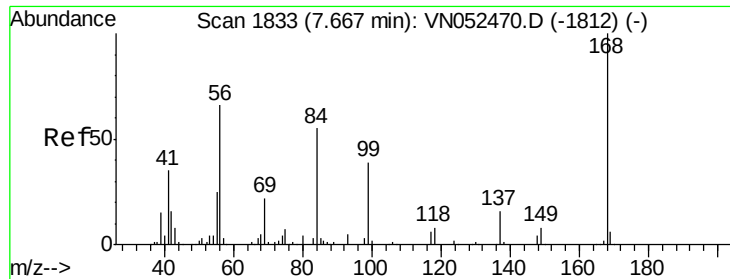
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

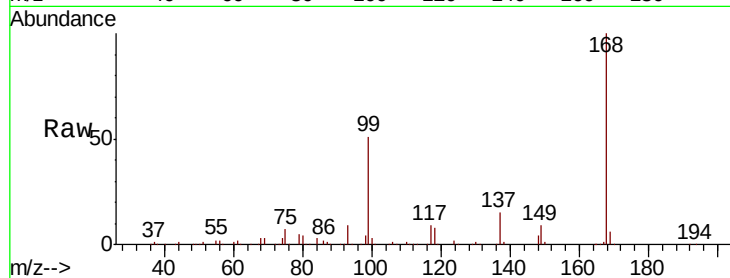
PB115231ZHE#03

Tot Ion:168 Resp: 1232303

Ion Ratio Lower Upper

168 100

99 50.5 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

600000

500000

400000

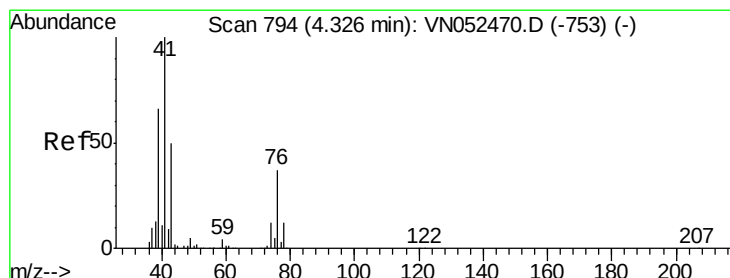
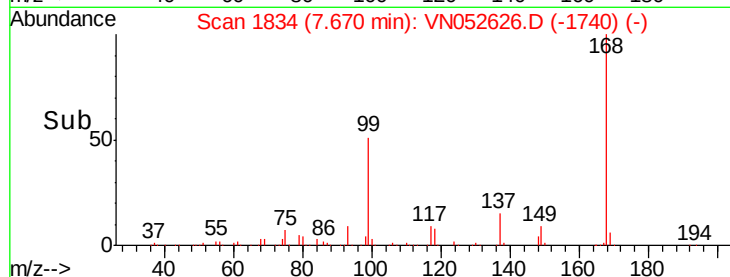
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 0.279 ug/l

RT: 4.56 min Scan# 868

Delta R.T. 0.24 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

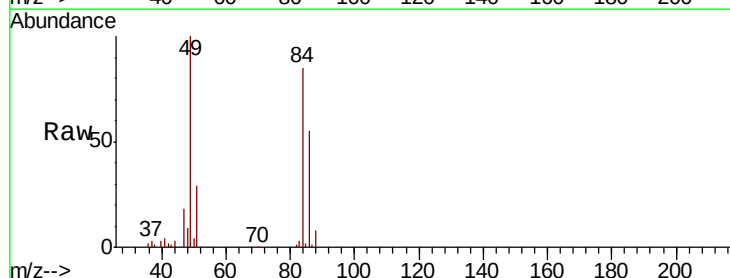
Tgt Ion: 41 Resp: 5542

Ion Ratio Lower Upper

41 100

39 0.0 50.6 76.0#

76 0.0 27.4 41.2#



Abundance Ion 41.00 (40.70 to 41.70): VN052470.D (-753) (-)

Ion 39.00 (38.70 to 39.70): VN052470.D (-753) (-)

Ion 75.90 (75.60 to 76.60): VN052470.D (-753) (-)

4.56

2500

2000

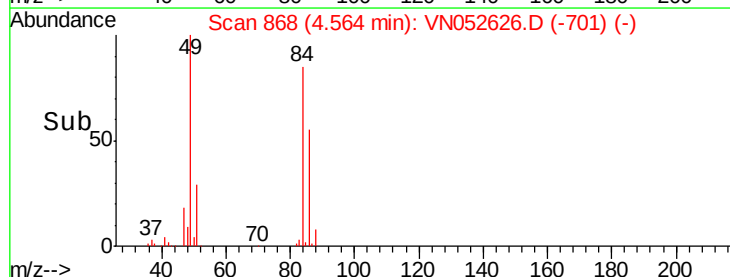
1500

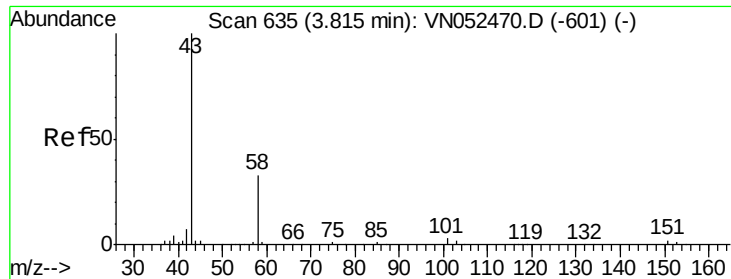
1000

500

0

Time-->





#16

Acetone

Concen: 5.103 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

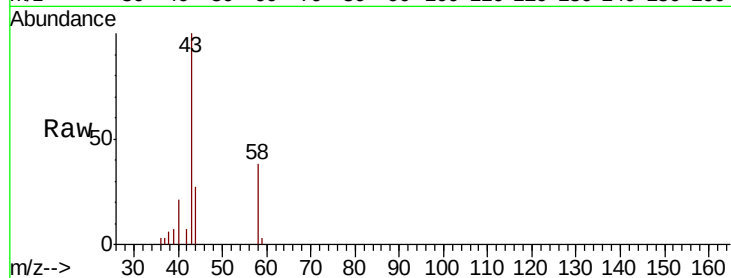
PB115231ZHE#03

Tot Ion: 43 Resp: 18059

Ion Ratio Lower Upper

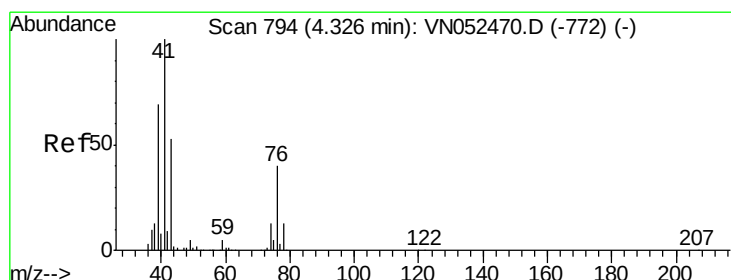
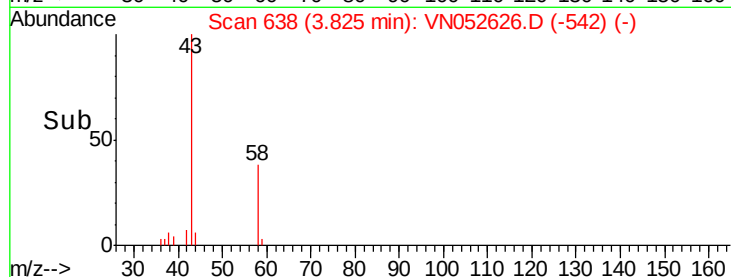
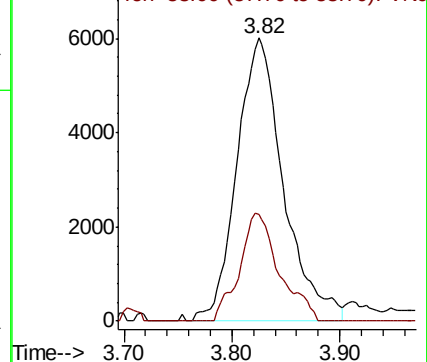
43 100

58 37.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.532 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN052626.D

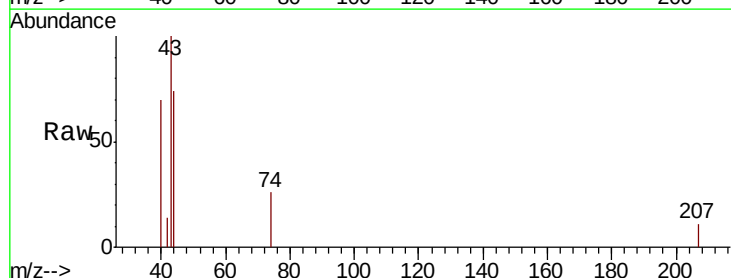
Acq: 3 Dec 2018 12:41

Tgt Ion: 43 Resp: 5404

Ion Ratio Lower Upper

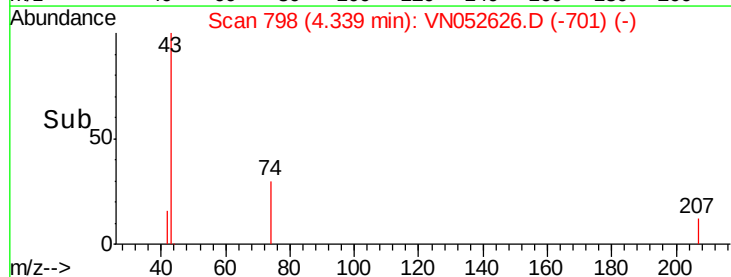
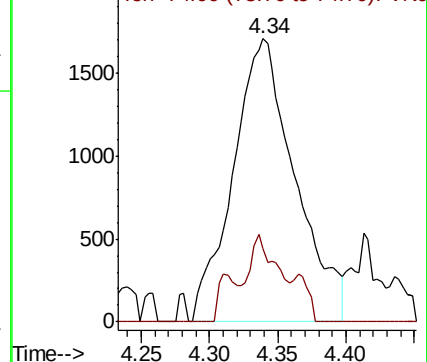
43 100

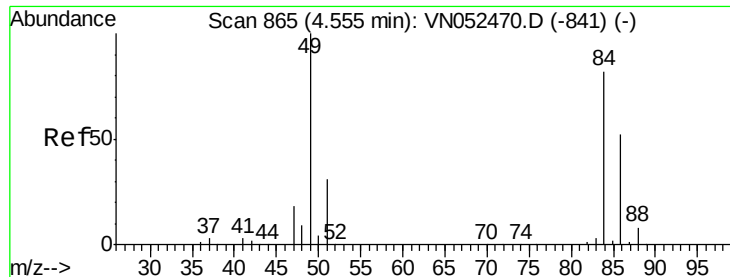
74 7.7 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

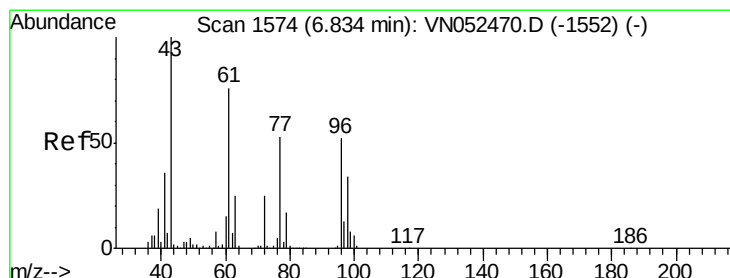
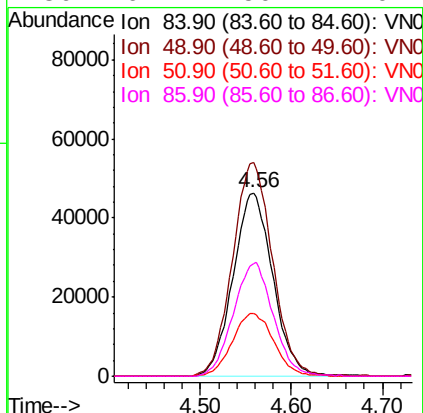
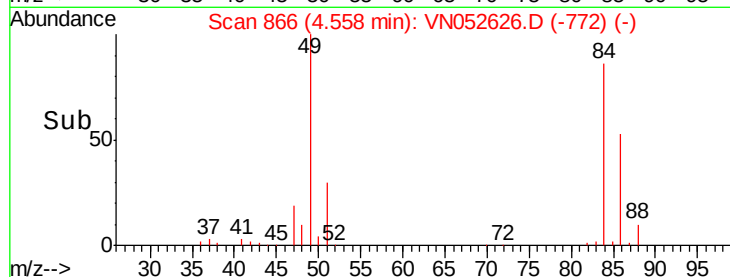
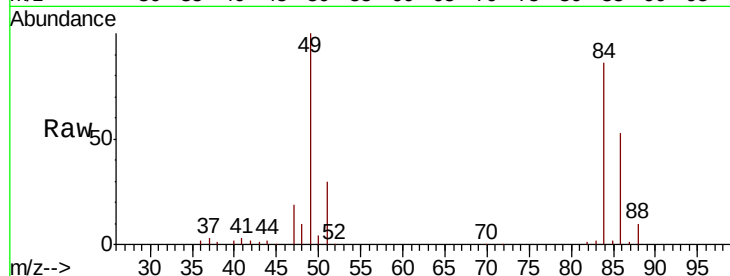




#20
Methvlene Chloride
Concen: 10.125 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052626.D
Acq: 3 Dec 2018 12:41

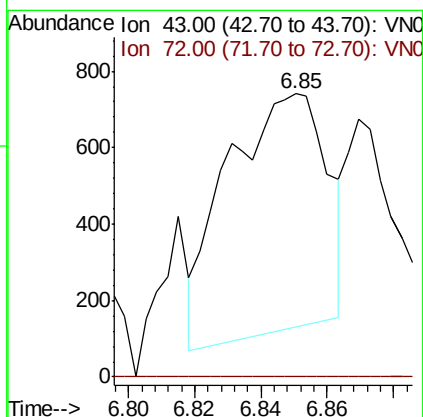
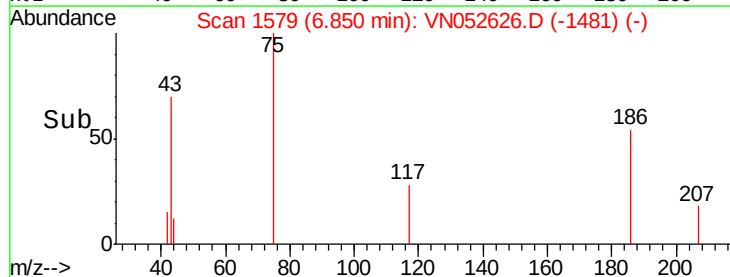
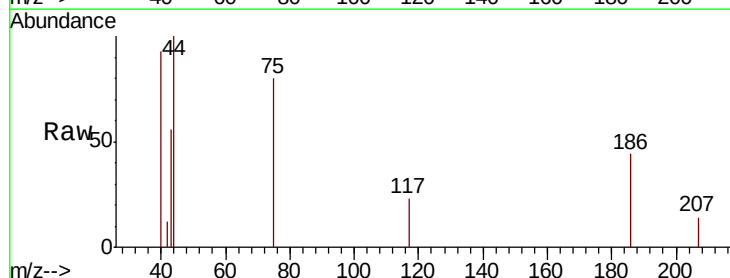
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#03

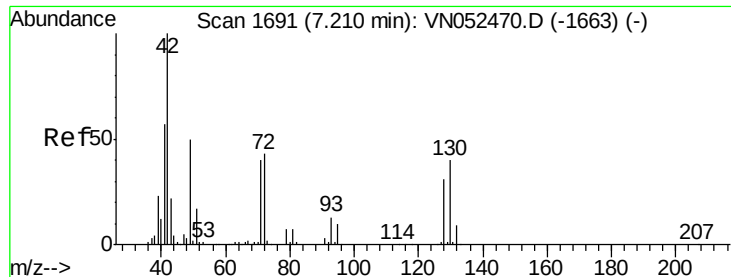
Tot Ion: 84 Resp: 140221
Ion Ratio Lower Upper
84 100
49 116.7 98.0 147.0
51 34.5 30.1 45.1
86 61.4 50.7 76.1



#25
2-Butanone
Concen: 0.259 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN052626.D
Acq: 3 Dec 2018 12:41

Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#





#29

Tetrahydrofuran

Concen: 0.525 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#03

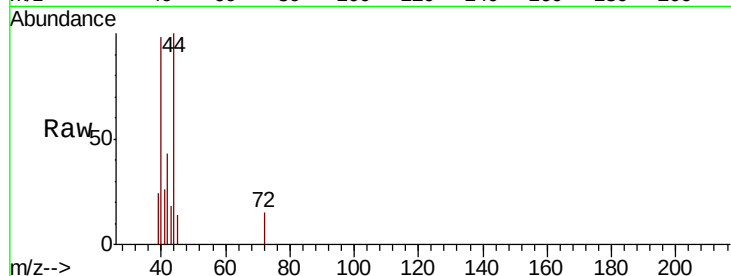
Tot Ion: 42 Resp: 1697

Ion Ratio Lower Upper

42 100

72 0.0 33.3 49.9#

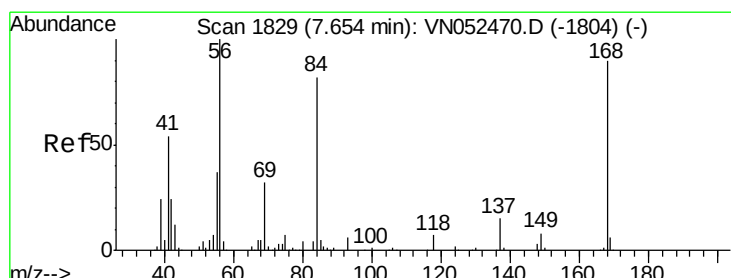
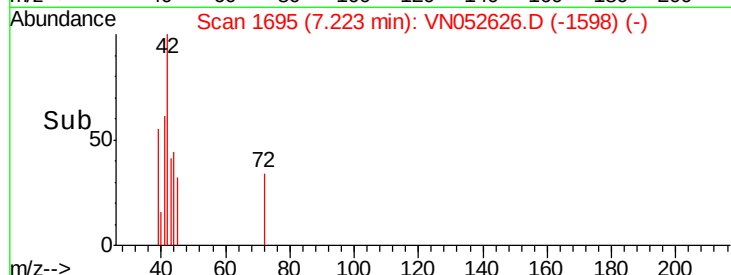
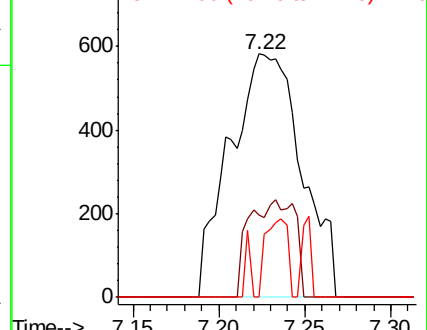
71 1.8 32.0 48.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.558 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

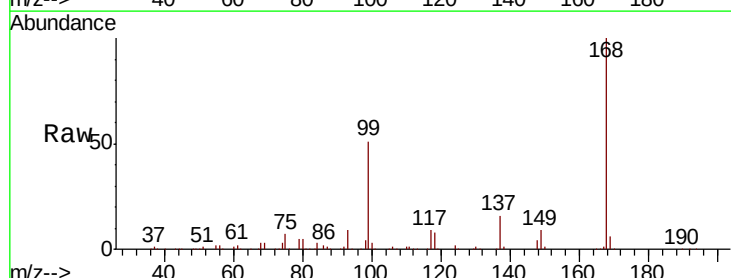
Tgt Ion: 56 Resp: 21235

Ion Ratio Lower Upper

56 100

69 179.0 25.8 38.6#

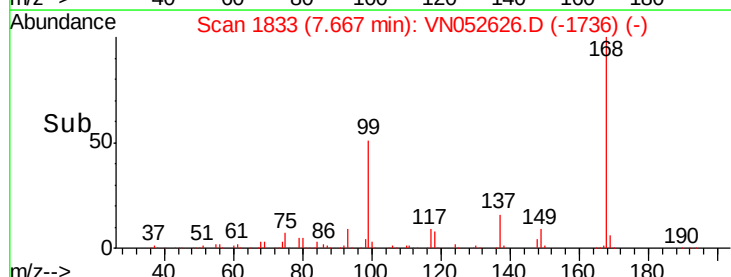
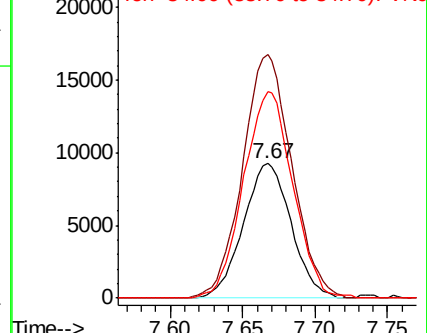
84 153.4 65.3 97.9#

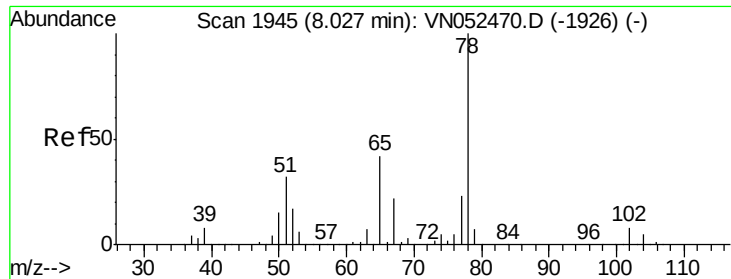


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

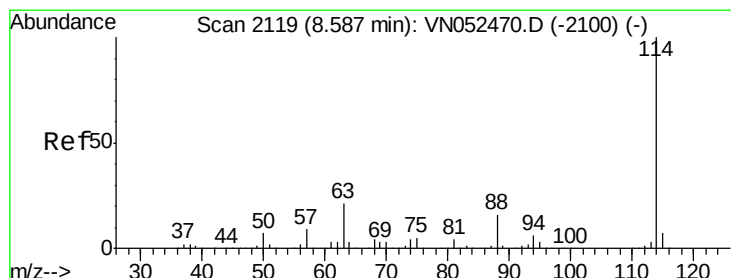
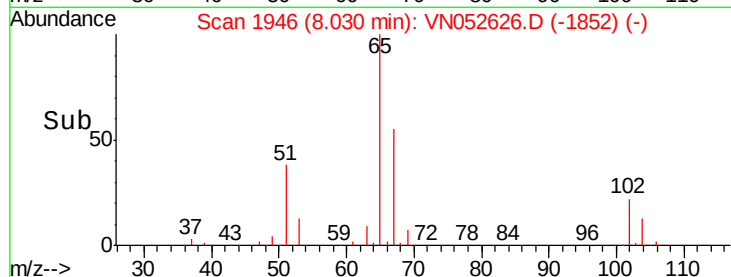
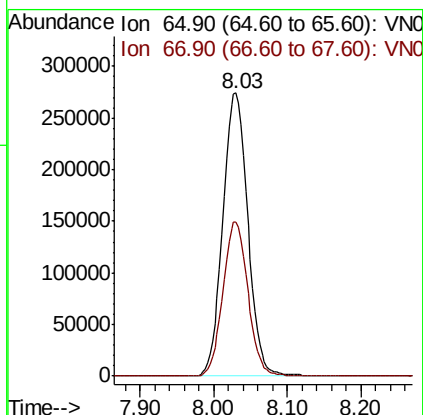
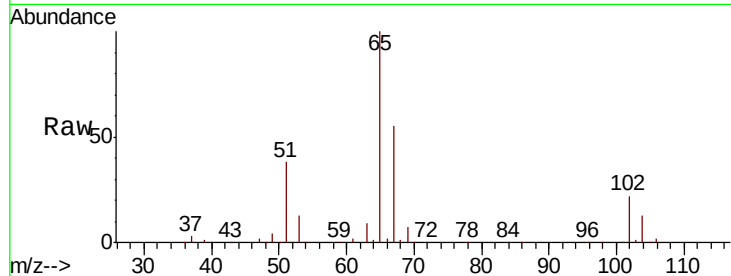




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052626.D
 Acq: 3 Dec 2018 12:41

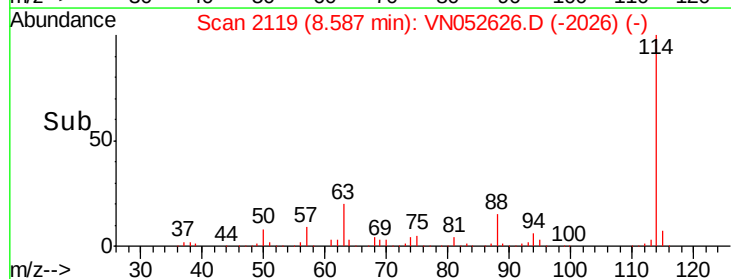
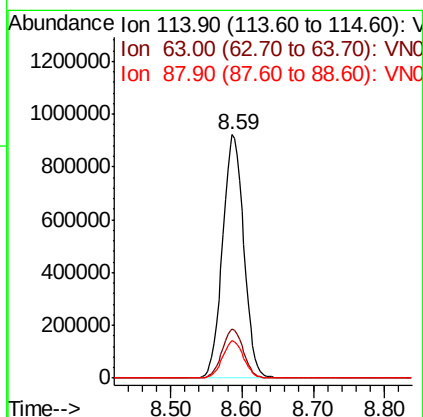
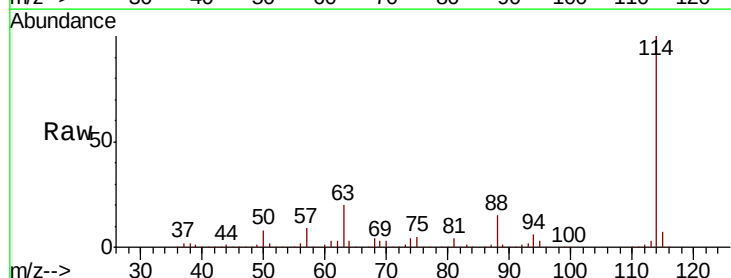
Instrument :
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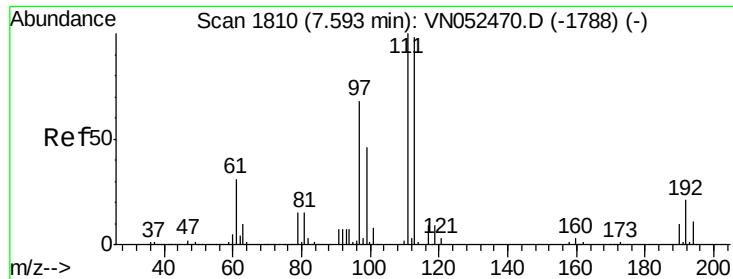
Tot Ion: 65 Resp: 649516
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052626.D
 Acq: 3 Dec 2018 12:41

Tgt Ion: 114 Resp: 1904758
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.4 0.0 31.6

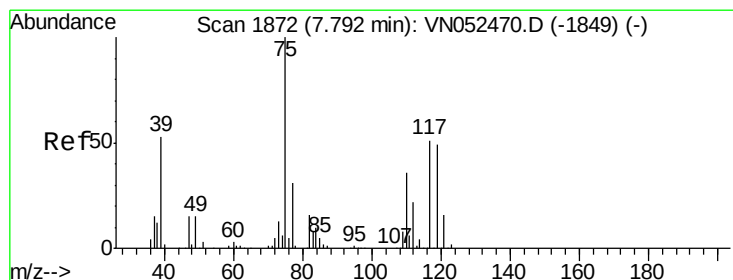
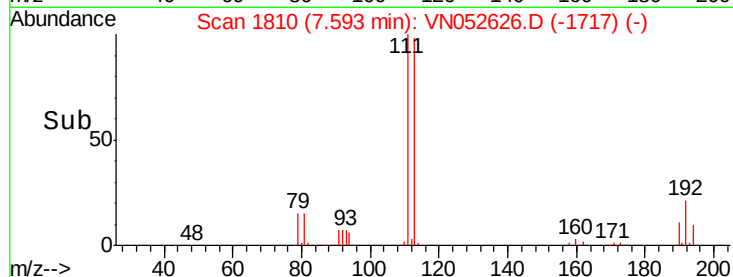
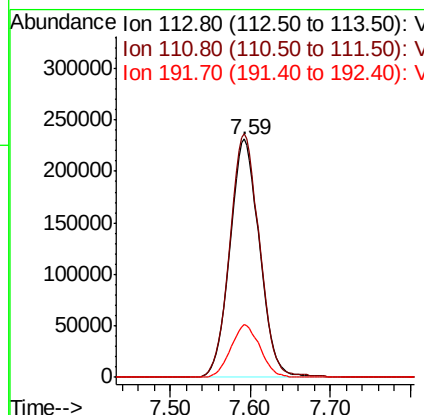
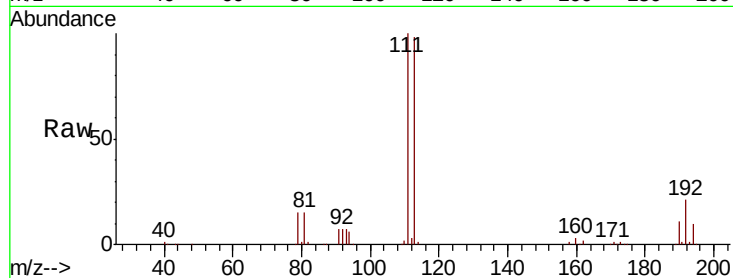




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052626.D
 Acq: 3 Dec 2018 12:41

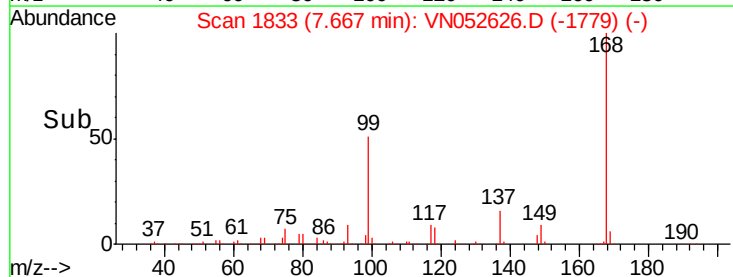
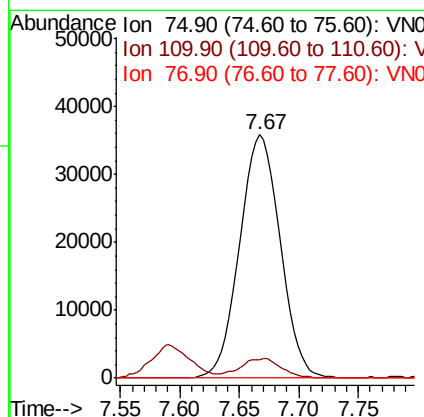
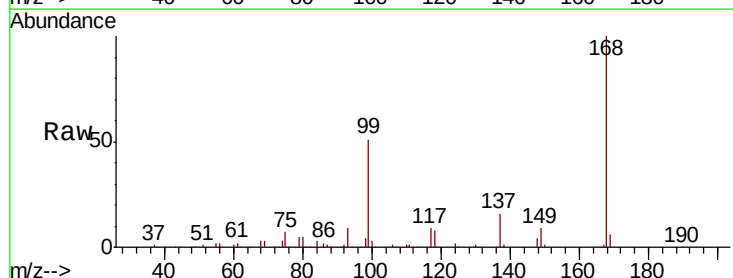
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#03

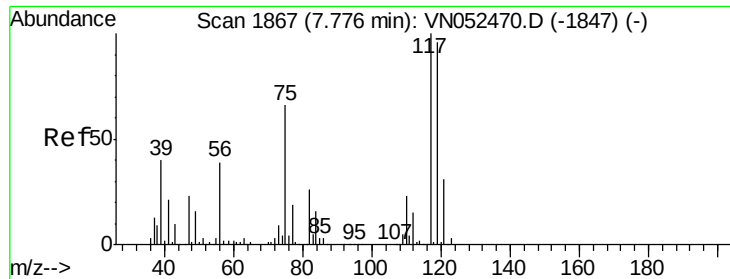
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	21.9	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.716 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052626.D
 Acq: 3 Dec 2018 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.5	52.6#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.606 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#03

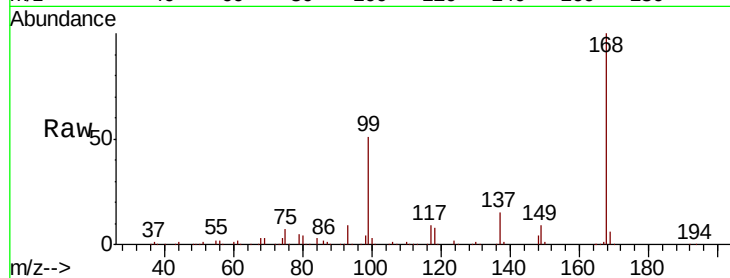
Tot Ion:117 Resp: 107573

Ion Ratio Lower Upper

117 100

119 5.3 76.8 115.2#

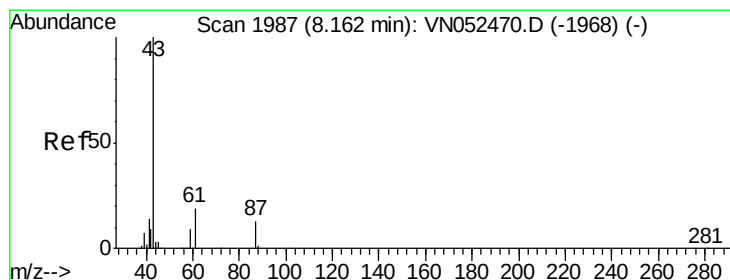
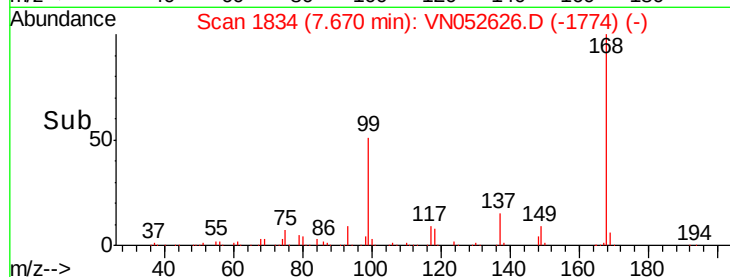
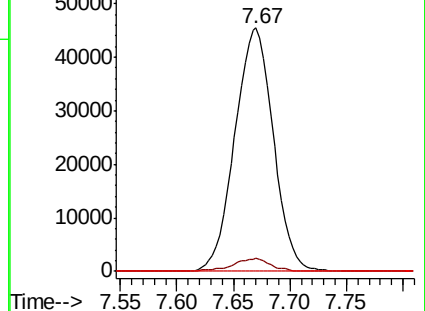
121 0.0 24.9 37.3#



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: 3.134 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

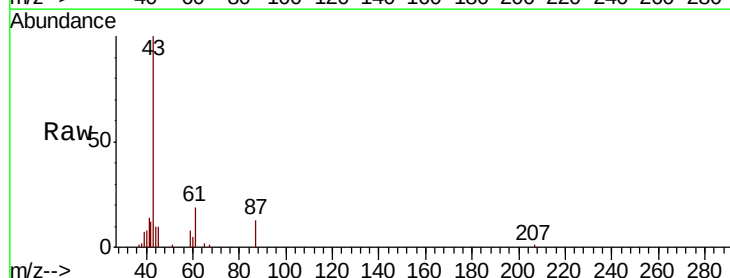
Tgt Ion: 43 Resp: 58212

Ion Ratio Lower Upper

43 100

61 16.8 24.1 36.1#

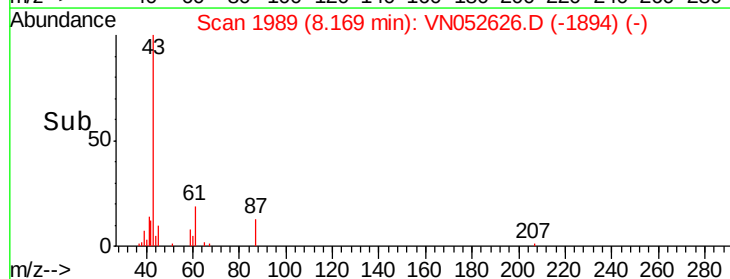
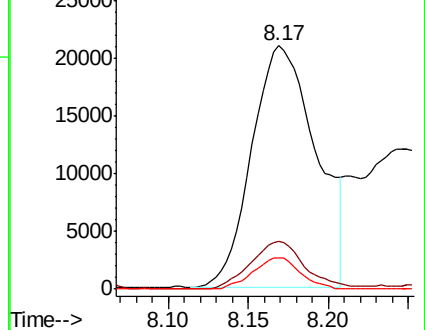
87 9.5 10.6 15.8#

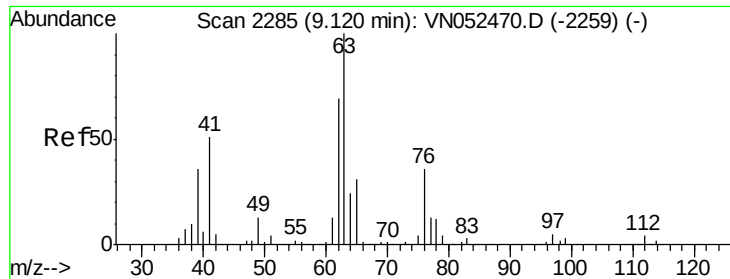


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

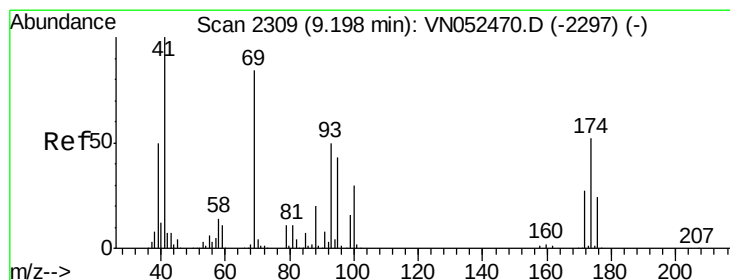
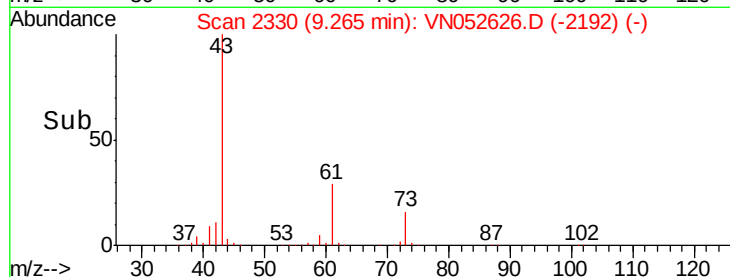
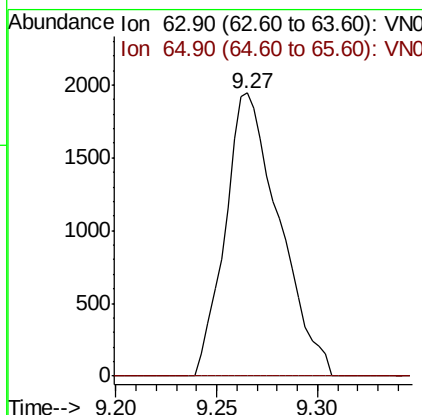
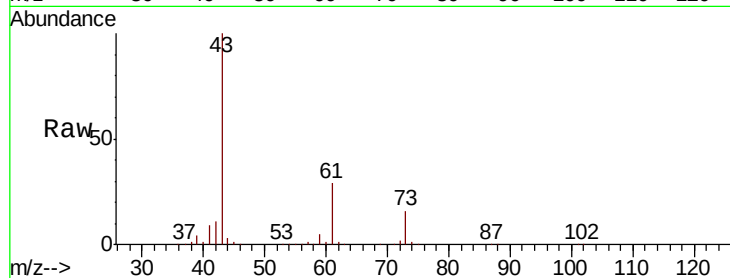




#45
 1,2-Dichloropropane
 Concen: 0.255 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN052626.D
 Acq: 3 Dec 2018 12:41

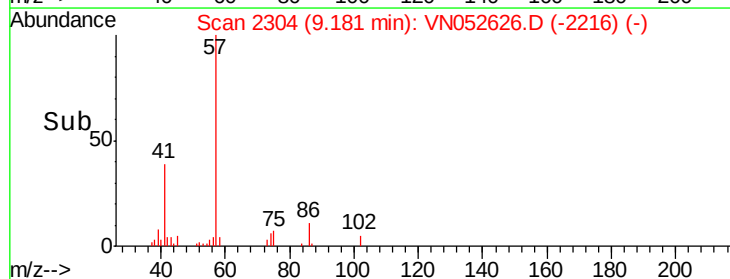
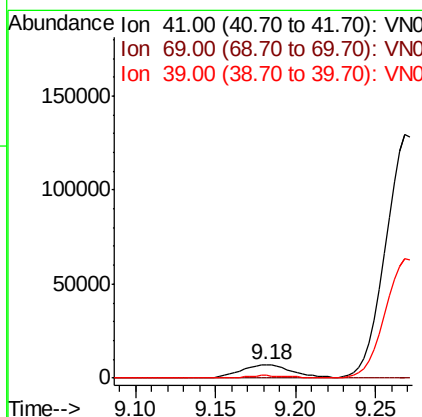
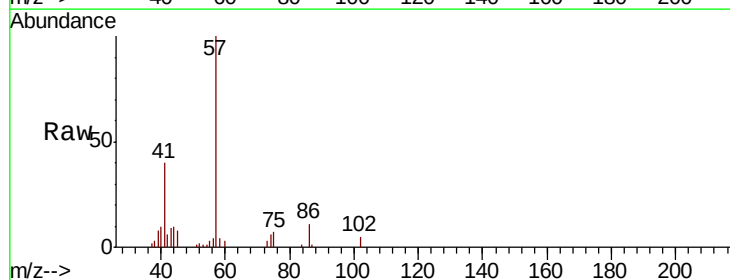
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#03

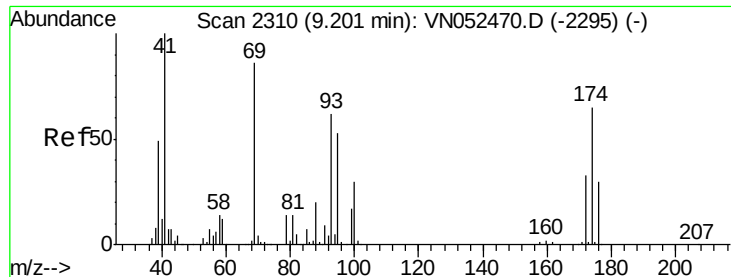
Tot Ion: 63 Resp: 3638
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 1.569 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN052626.D
 Acq: 3 Dec 2018 12:41

Tgt Ion: 41 Resp: 15194
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.0 105.0#
 39 0.0 42.6 64.0#





#49

1,4-Dioxane

Concen: 2.606 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#03

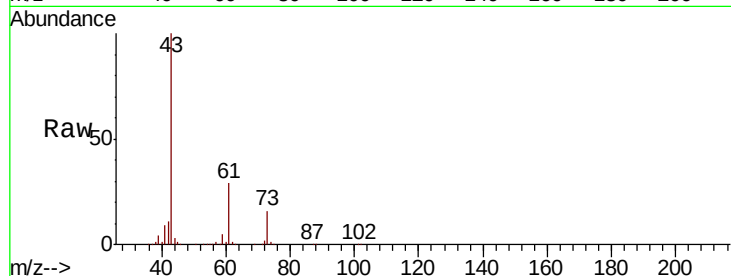
Tot Ion: 88 Resp: 262

Ion Ratio Lower Upper

88 100

43 1053735.1 26.4 39.6#

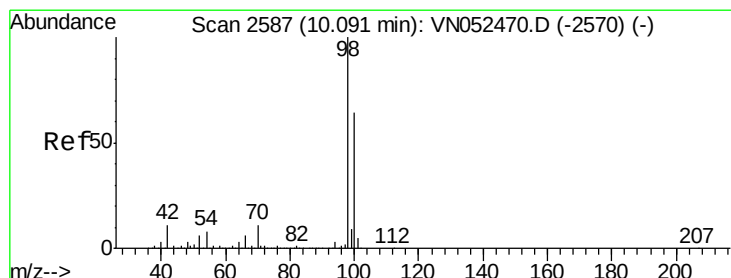
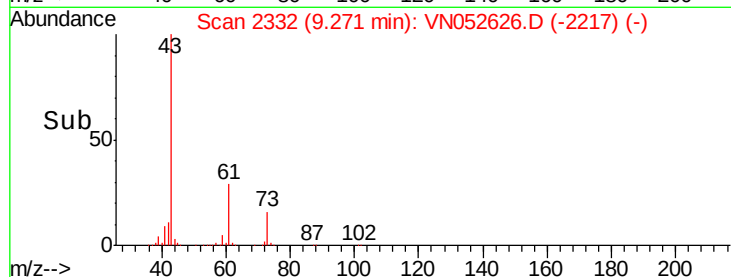
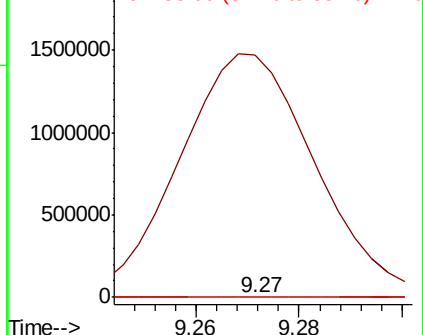
58 4553.1 55.4 83.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 2.606 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052626.D

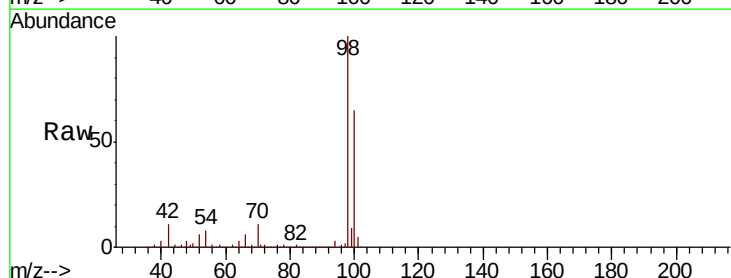
Acq: 3 Dec 2018 12:41

Tgt Ion: 98 Resp: 2322240

Ion Ratio Lower Upper

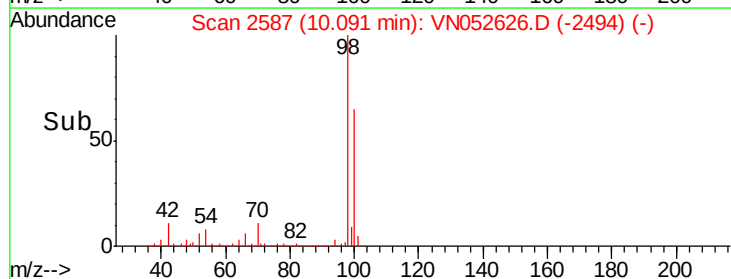
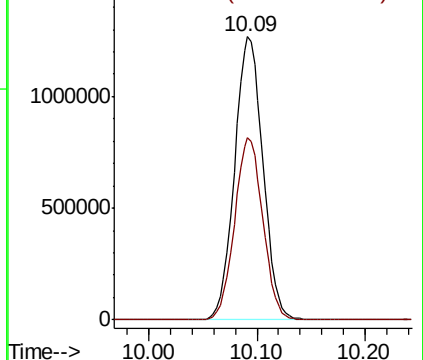
98 100

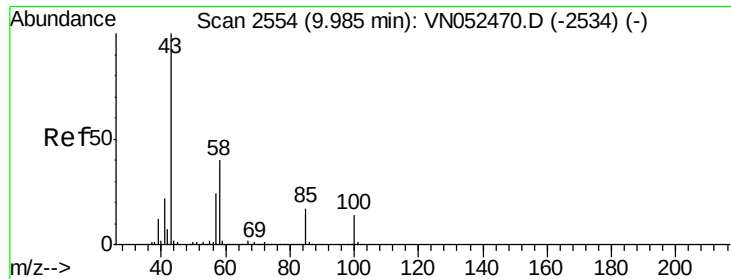
100 64.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.620 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

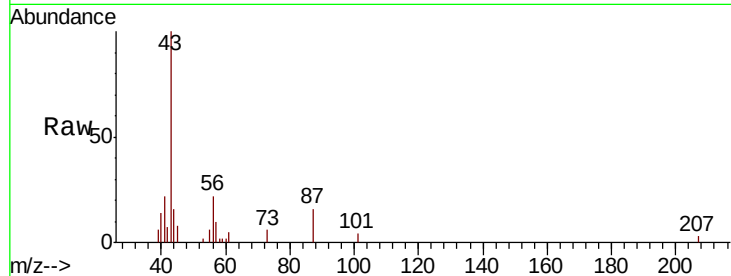
PB115231ZHE#03

Tot Ion: 43 Resp: 16883

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

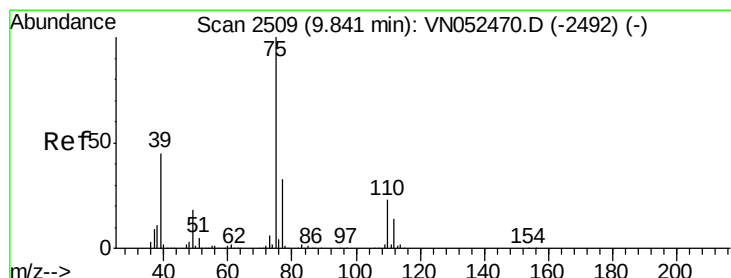
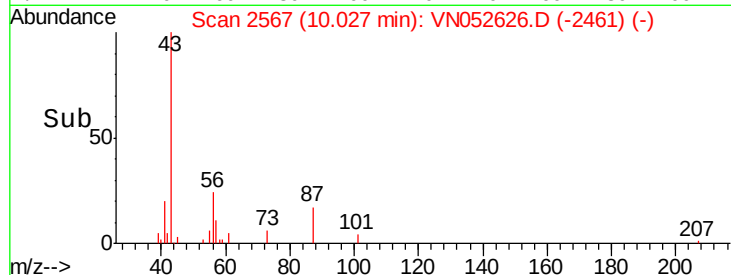
6000

4000

2000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.383 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

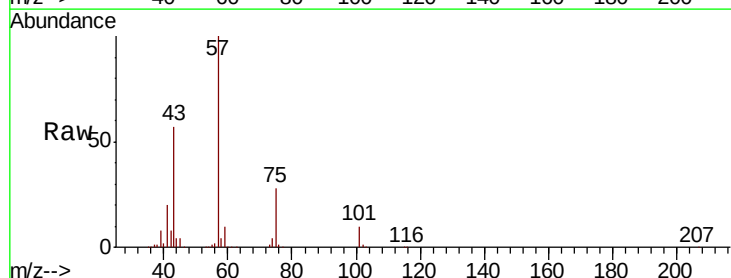
Tgt Ion: 75 Resp: 126225

Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.2#

39 29.8 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

100000

80000

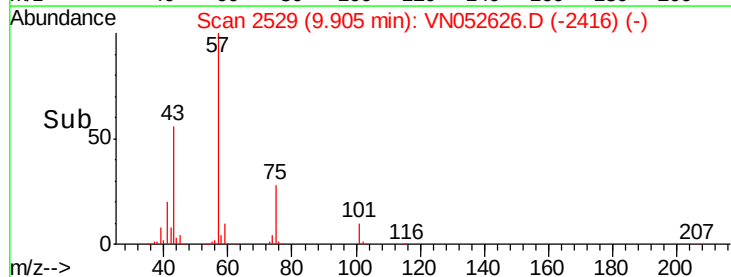
60000

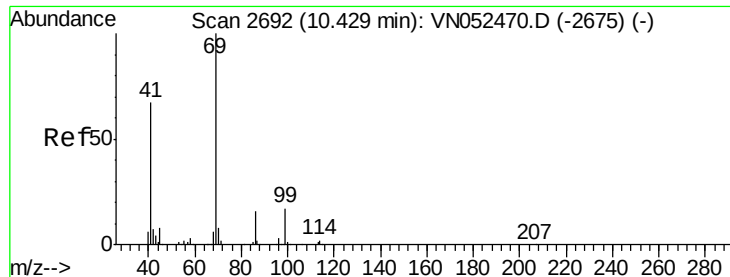
40000

20000

0

Time-->





#56

Ethyl methacrylate

Concen: 2.809 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.12 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#03

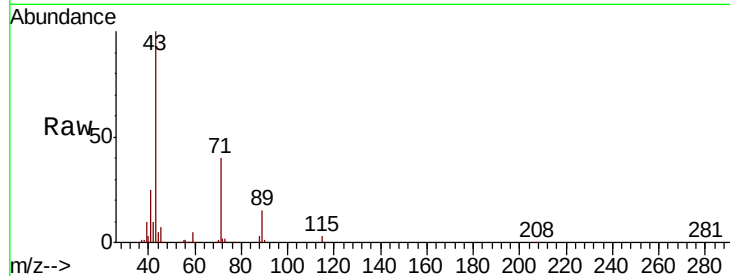
Tot Ion: 69 Resp: 1901

Ion Ratio Lower Upper

69 100

41 5203.8 52.6 79.0#

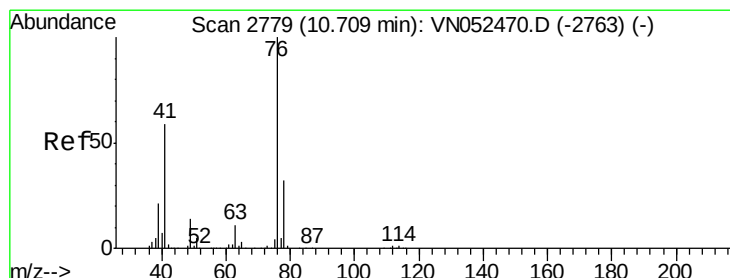
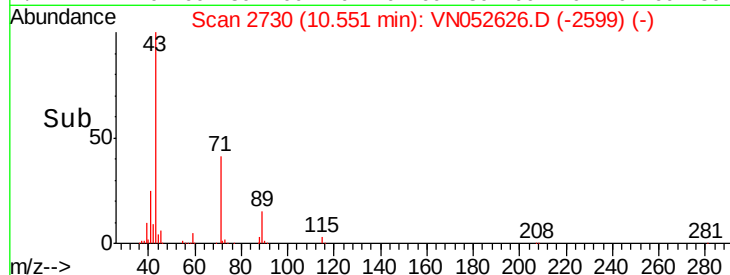
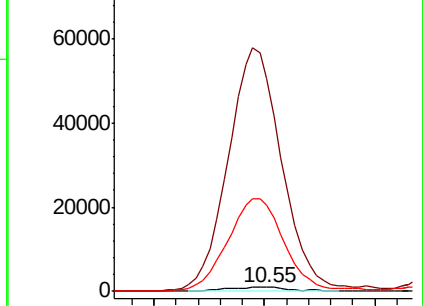
39 2099.2 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.264 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052626.D

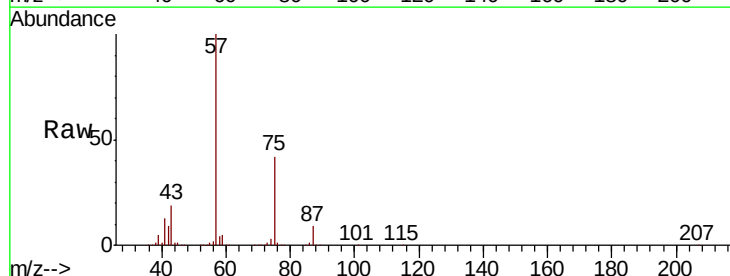
Acq: 3 Dec 2018 12:41

Tgt Ion: 76 Resp: 25007

Ion Ratio Lower Upper

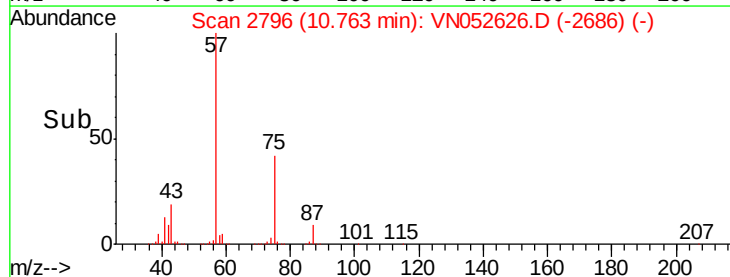
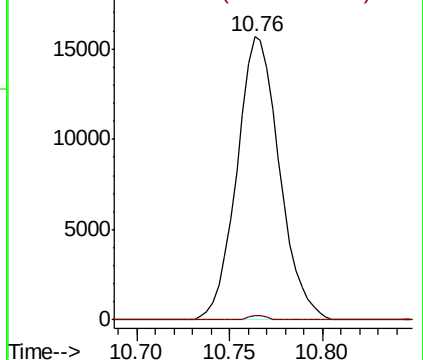
76 100

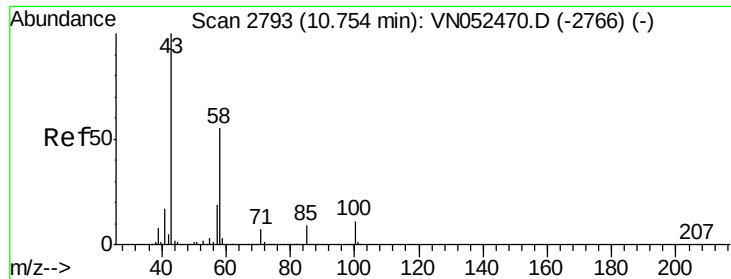
78 0.6 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 50.164 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

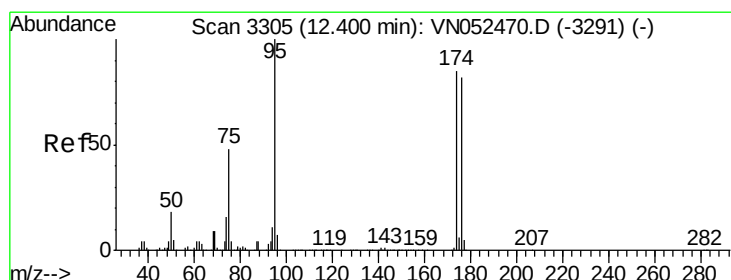
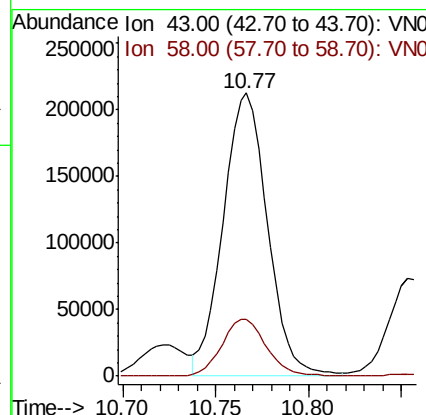
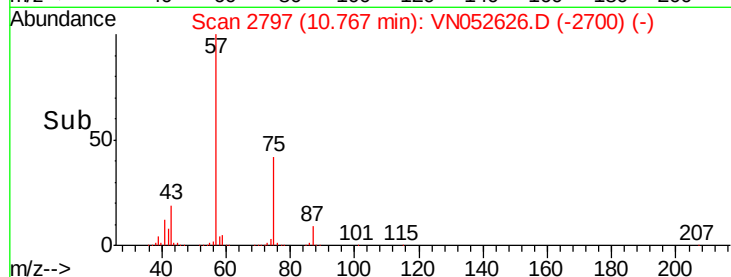
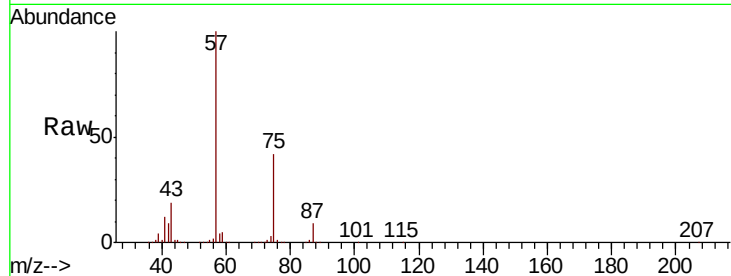
PB115231ZHE#03

Tot Ion: 43 Resp: 350921

Ion Ratio Lower Upper

43 100

58 20.5 27.4 82.0#



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

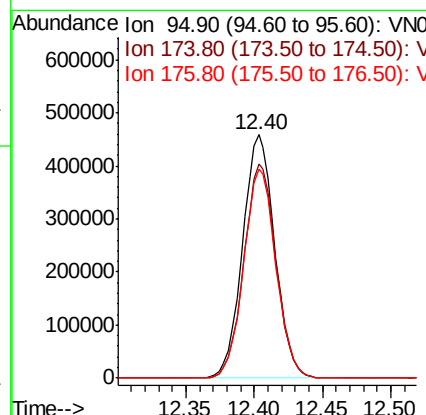
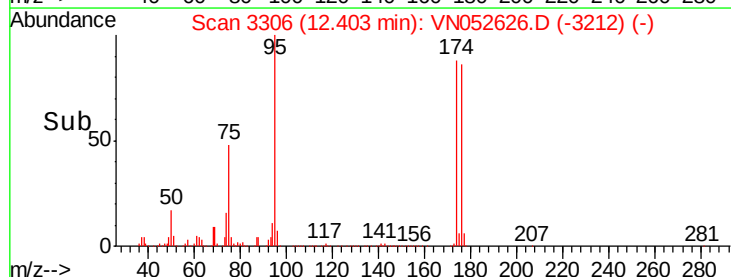
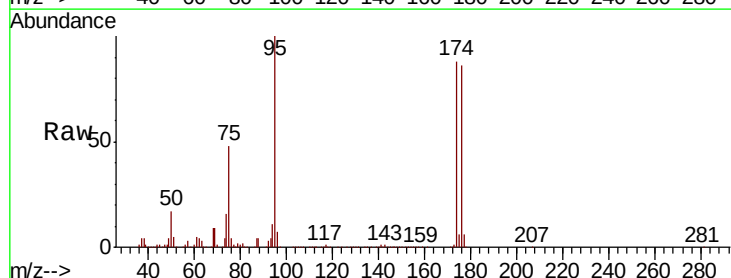
Tgt Ion: 95 Resp: 747742

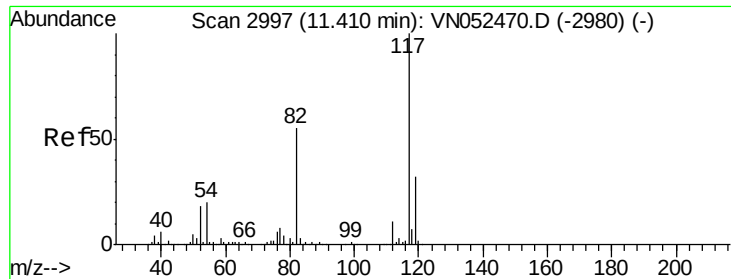
Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

176 86.1 0.0 166.2

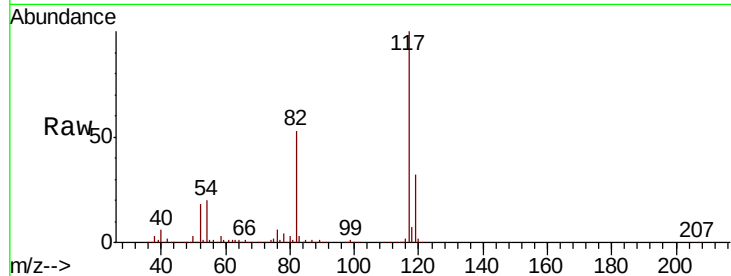




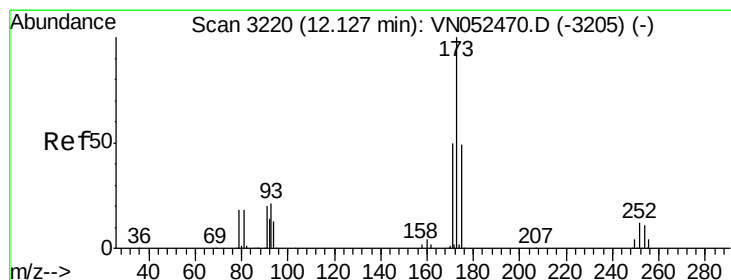
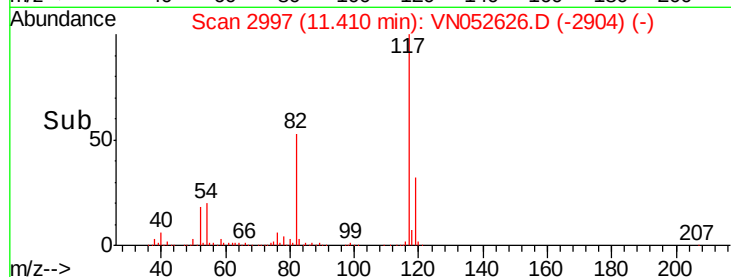
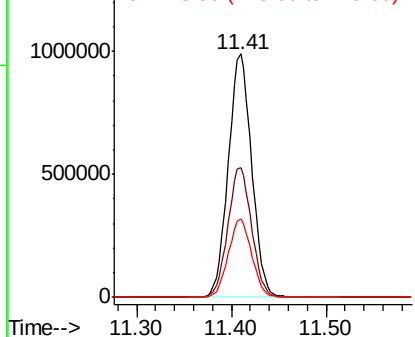
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052626.D
Acq: 3 Dec 2018 12:41

Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#03

Tot Ion:117 Resp: 1698958
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.2 25.4 38.2

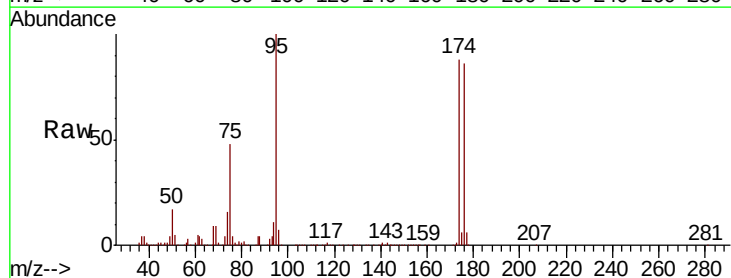


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

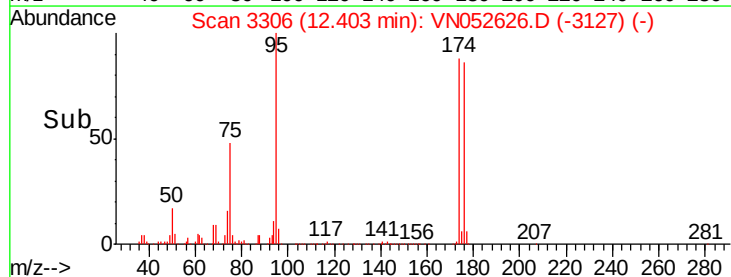
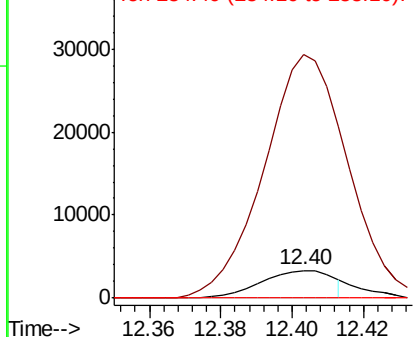


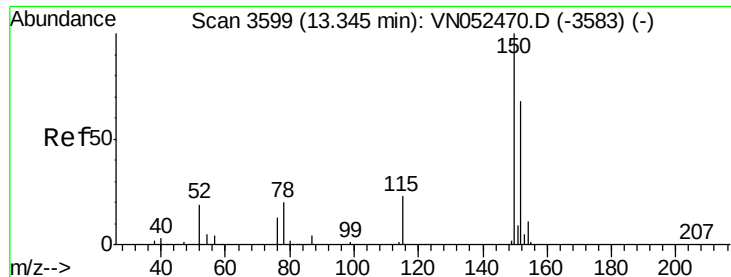
#71
Bromoform
Concen: 0.574 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052626.D
Acq: 3 Dec 2018 12:41

Tgt Ion:173 Resp: 4626
Ion Ratio Lower Upper
173 100
175 861.1 24.4 73.2#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

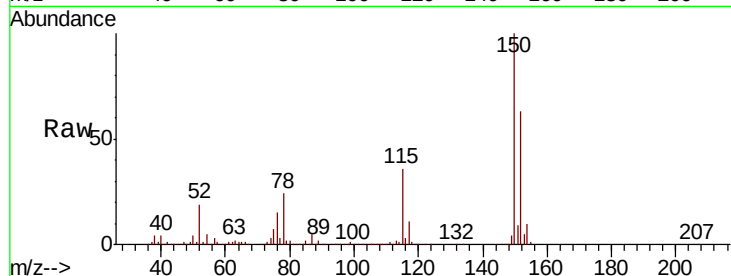




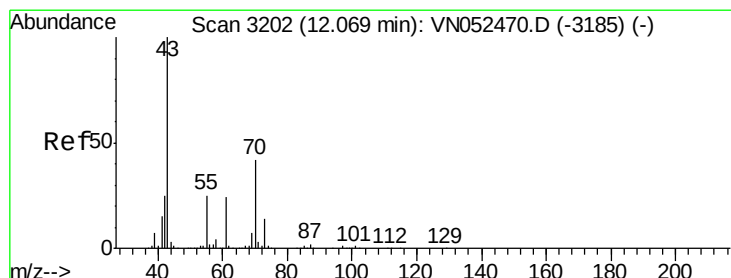
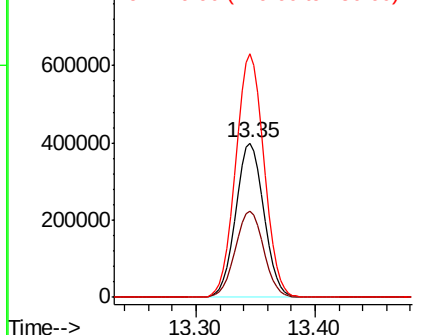
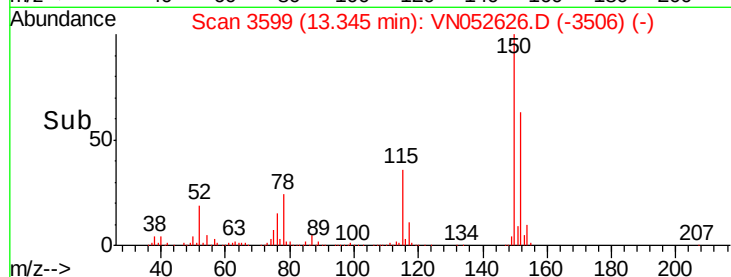
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN052626.D
 Acq: 3 Dec 2018 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#03

Tot Ion:152 Resp: 653821
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.4 85.2
 150 159.1 0.0 346.0

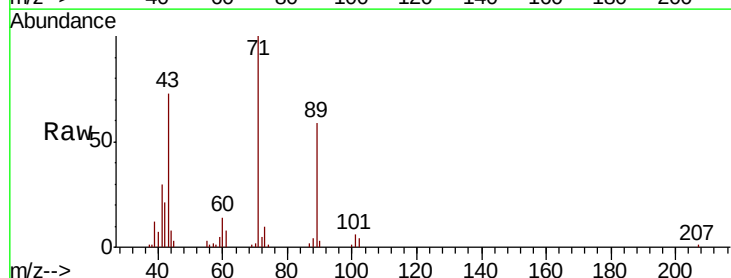


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

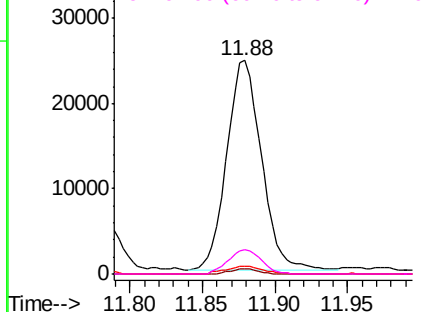
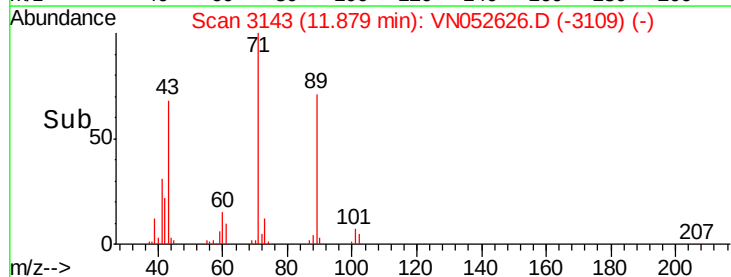


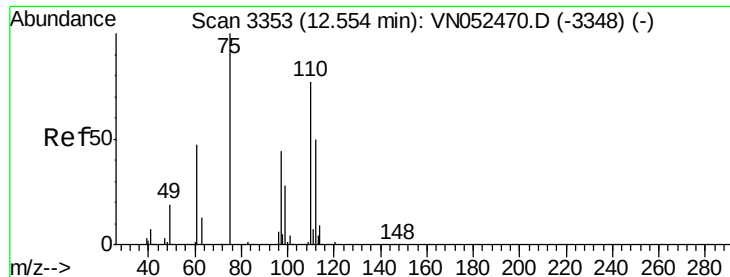
#74
 N-ethyl acetate
 Concen: 3.133 ug/l
 RT: 11.88 min Scan# 3143
 Delta R.T. -0.19 min
 Lab File: VN052626.D
 Acq: 3 Dec 2018 12:41

Tgt Ion: 43 Resp: 40600
 Ion Ratio Lower Upper
 43 100
 70 2.0 33.8 50.8#
 55 4.1 20.0 30.0#
 61 11.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 70.00 (69.70 to 70.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 35.566 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

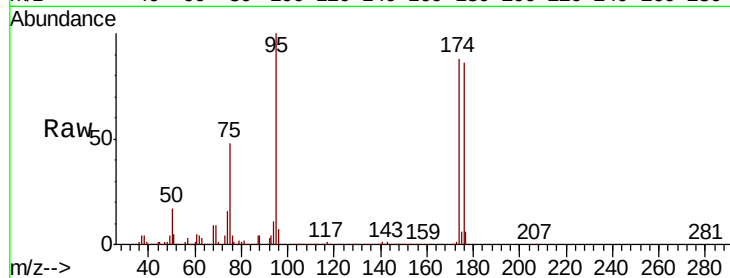
PB115231ZHE#03

Tot Ion: 75 Resp: 358589

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN052470.D (-3348) (-)

12.40

250000

200000

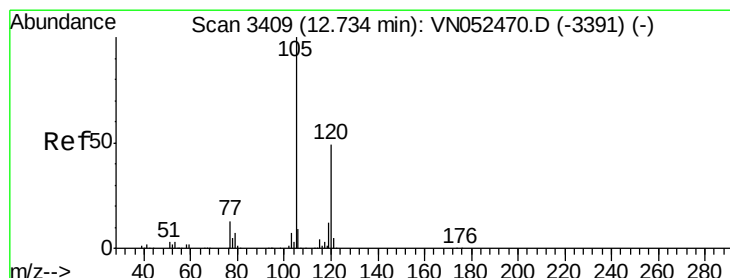
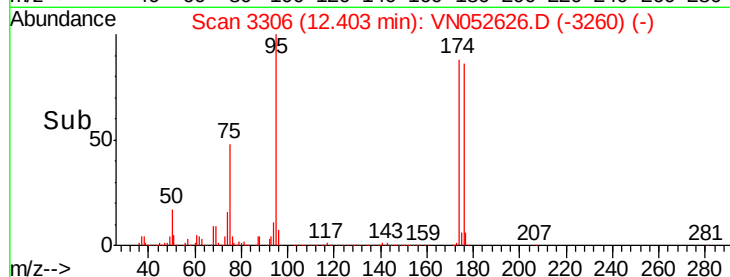
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.593 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052626.D

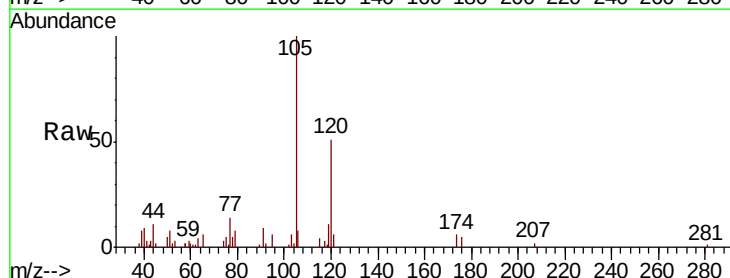
Acq: 3 Dec 2018 12:41

Tgt Ion: 105 Resp: 24270

Ion Ratio Lower Upper

105 100

120 50.2 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052470.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3391) (-)

12.73

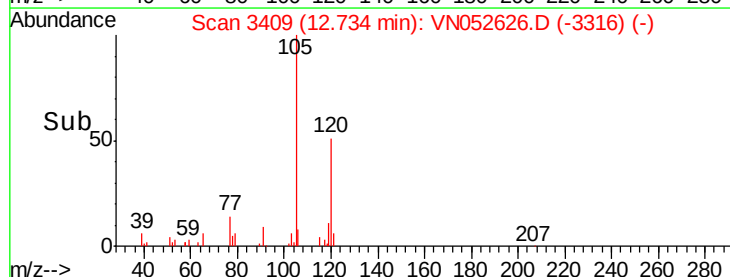
15000

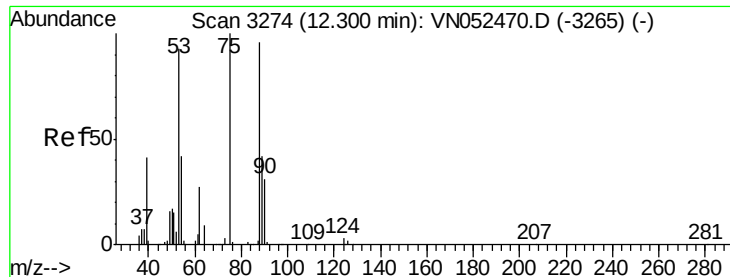
10000

5000

0

Time--> 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 118.774 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#03

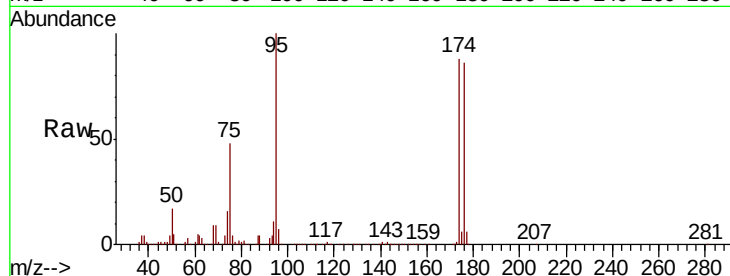
Tot Ion: 75 Resp: 358589

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

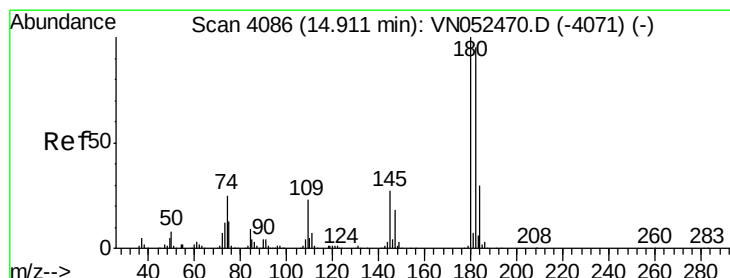
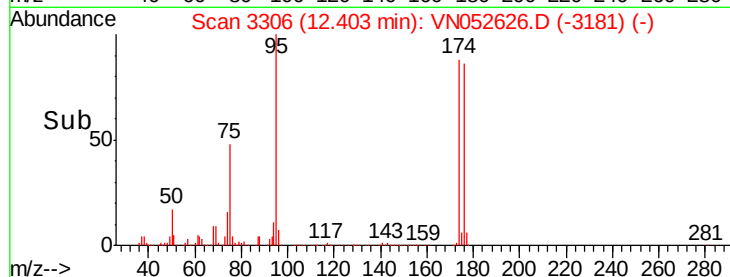
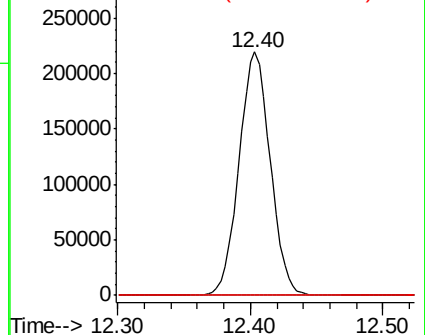
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052626.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN052626.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN052626.D (-3306) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.875 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

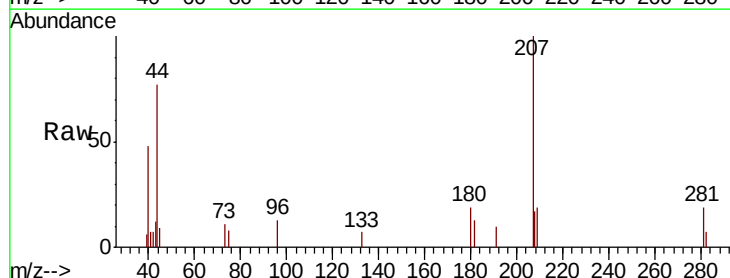
Tgt Ion:180 Resp: 562

Ion Ratio Lower Upper

180 100

182 69.4 47.8 143.4

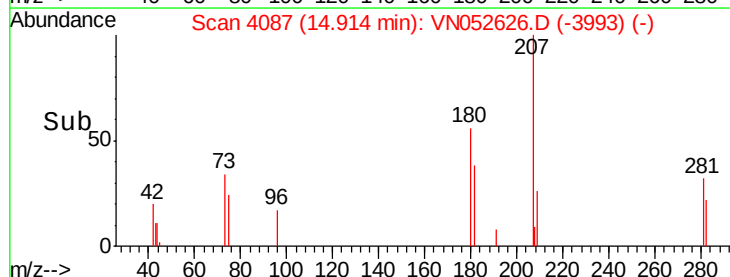
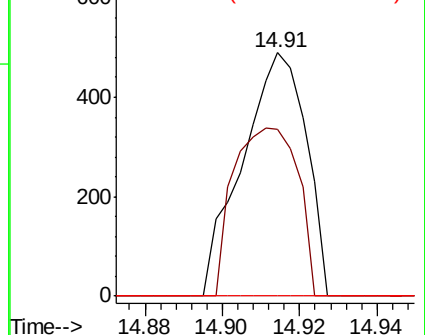
145 0.0 14.1 42.3#

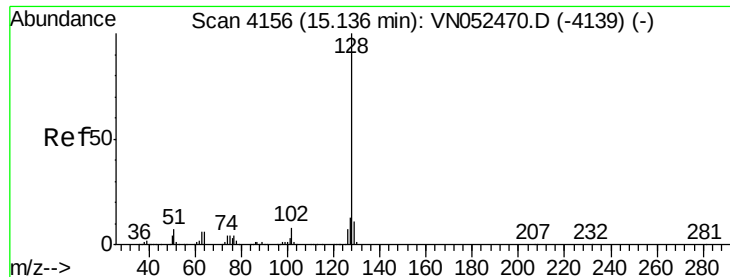


Abundance Ion 179.80 (179.50 to 180.50): VN052626.D (-4087) (-)

Ion 181.80 (181.50 to 182.50): VN052626.D (-4087) (-)

Ion 144.80 (144.50 to 145.50): VN052626.D (-4087) (-)





#95

Naphthalene

Concen: 3.475 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#03

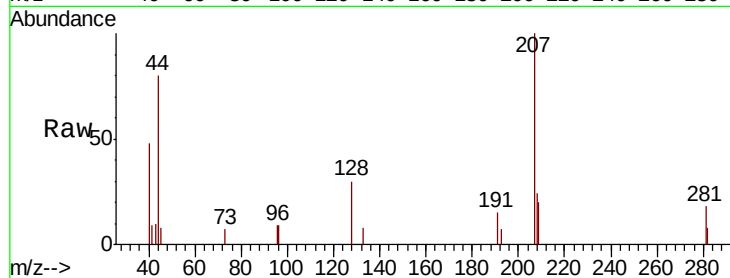
Tot Ion:128 Resp: 1219

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

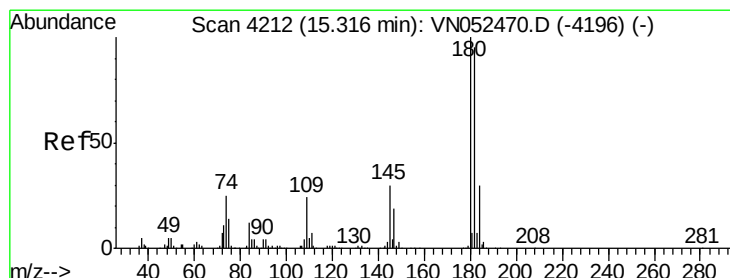
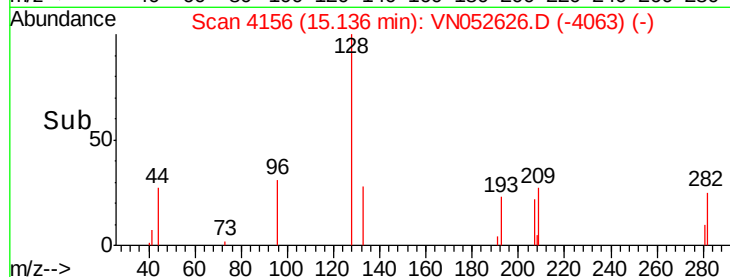
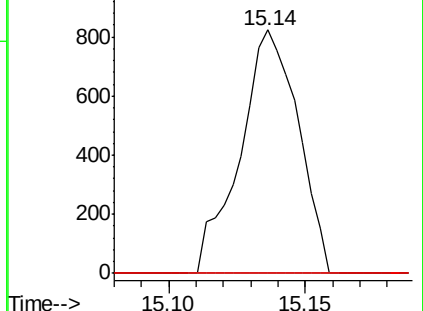
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.745 ug/l

RT: 15.32 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN052626.D

Acq: 3 Dec 2018 12:41

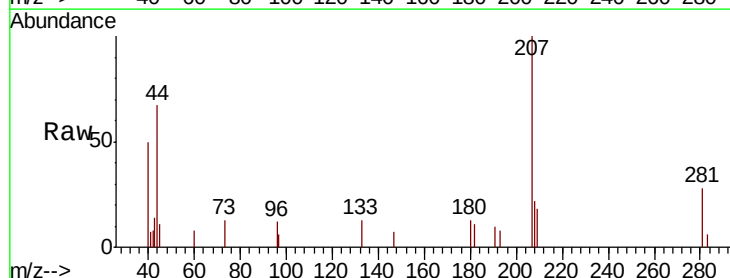
Tgt Ion:180 Resp: 207

Ion Ratio Lower Upper

180 100

182 159.9 47.8 143.3#

145 0.0 15.2 45.5#



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

