

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052624.D
 Acq On : 3 Dec 2018 11:47
 Operator : MD\SY
 Sample : PB115231ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#01

Quant Time: Dec 04 00:31:36 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	1233094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1894222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1651706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	606925	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	646894	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
35) Dibromofluoromethane	7.59	113	581253	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	10.09	98	2312358	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	711548	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	

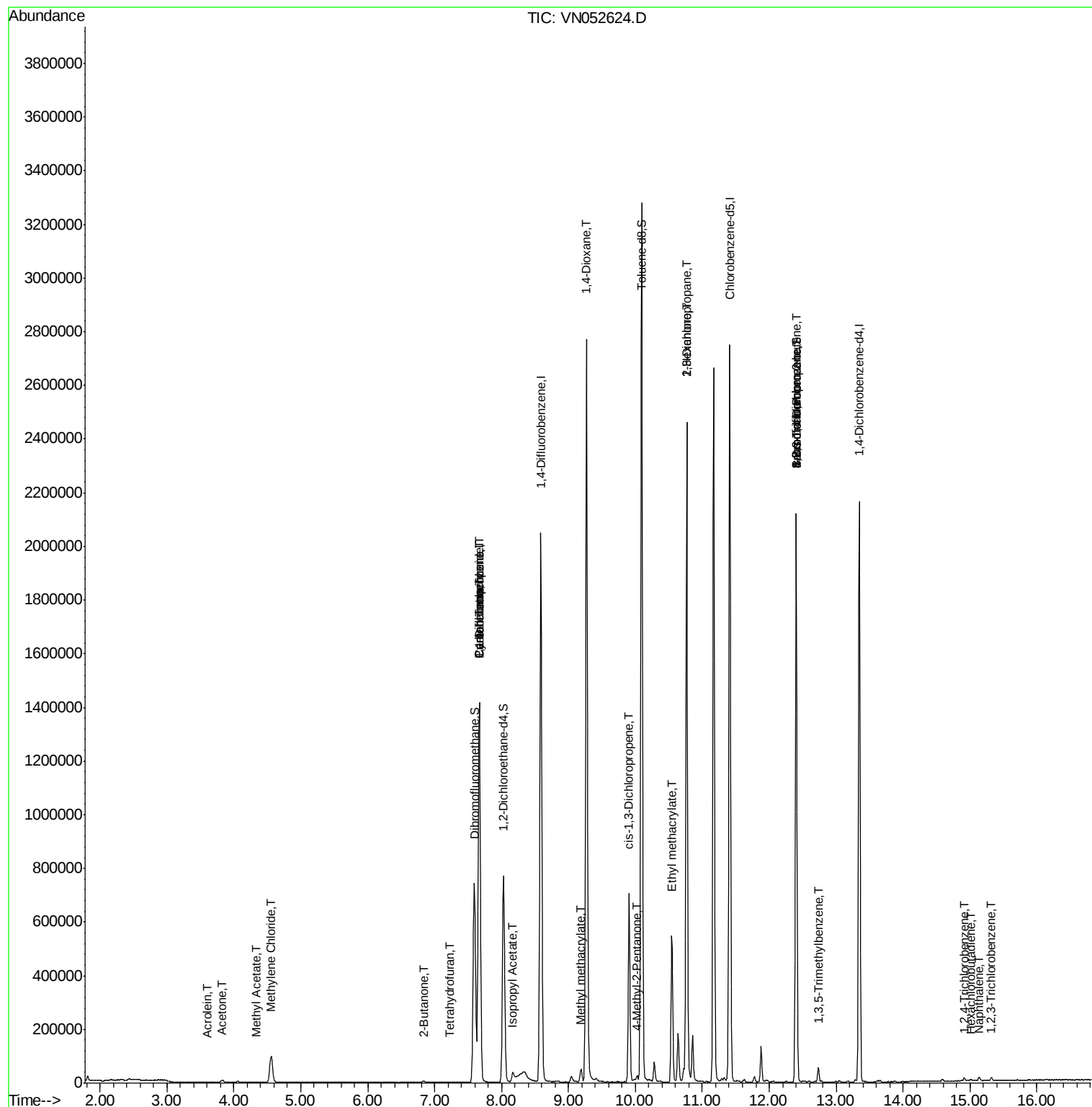
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	241	0.206	ug/l #	78
16) Acetone	3.83	43	17329	4.893	ug/l	98
18) Methyl Acetate	4.33	43	4484	0.441	ug/l #	89
20) Methylene Chloride	4.56	84	77659	5.604	ug/l	95
25) 2-Butanone	6.84	43	3039	0.605	ug/l	91
29) Tetrahydrofuran	7.21	42	846	0.261	ug/l #	54
31) Cyclohexane	7.67	56	21922	0.588	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	82574	4.616	ug/l #	50
38) Carbon Tetrachloride	7.67	117	109446	6.759	ug/l #	16
43) Isopropyl Acetate	8.17	43	54060	2.926	ug/l #	80
48) Methyl methacrylate	9.18	41	15380	1.597	ug/l #	13
49) 1,4-Dioxane	9.27	88	322	3.221	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	18210	1.757	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	128270	6.523	ug/l #	62
56) Ethyl methacrylate	10.55	69	1652	2.794	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	26400	1.342	ug/l #	43
59) 2-Hexanone	10.77	43	363956	52.317	ug/l #	51
71) Bromoform	12.41	173	4563	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	344577	36.817	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	27849	0.733	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	344577	122.952	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	4070	3.186	ug/l	97
94) Hexachlorobutadiene	15.02	225	1554	0.246	ug/l	87
95) Naphthalene	15.14	128	10721	3.866	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	4746	3.180	ug/l	92

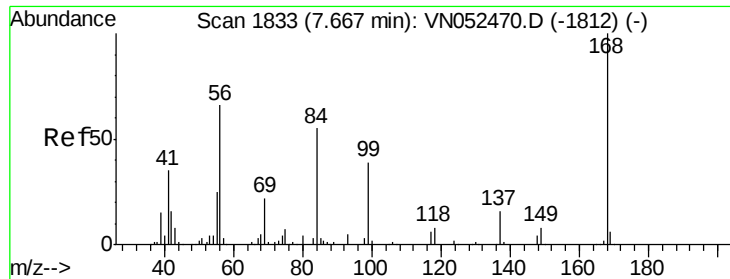
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 00:31:36 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

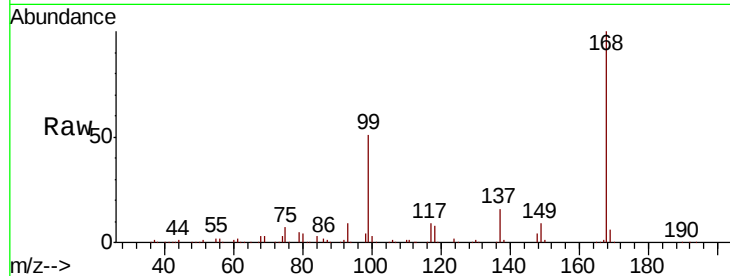
PB115231ZHE#01

Tot Ion:168 Resp: 1233094

Ion Ratio Lower Upper

168 100

99 51.2 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052624.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052624.D (-1740) (-)

7.67

600000

500000

400000

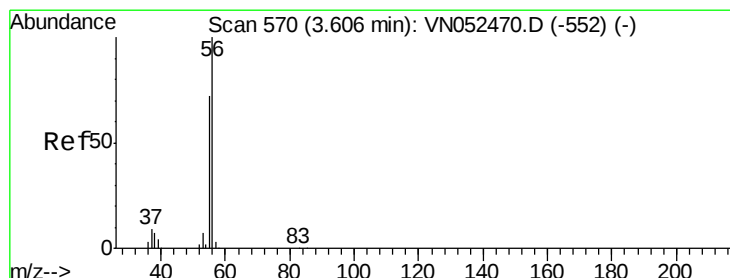
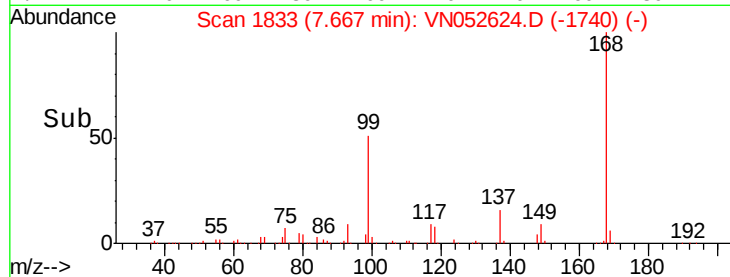
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.206 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN052624.D

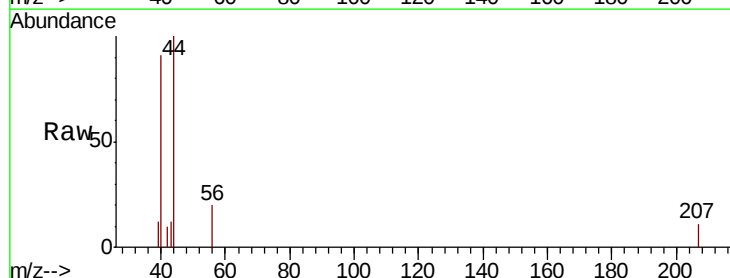
Acq: 3 Dec 2018 11:47

Tgt Ion: 56 Resp: 241

Ion Ratio Lower Upper

56 100

55 88.8 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VN052624.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN052624.D (-477) (-)

3.60

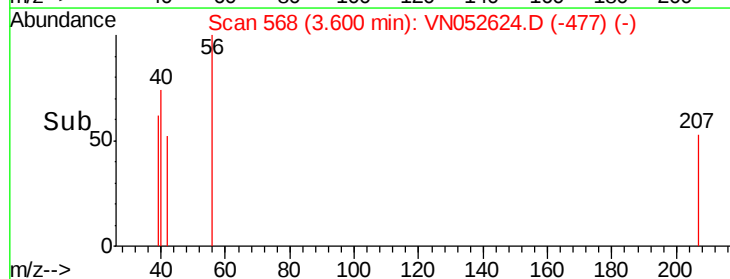
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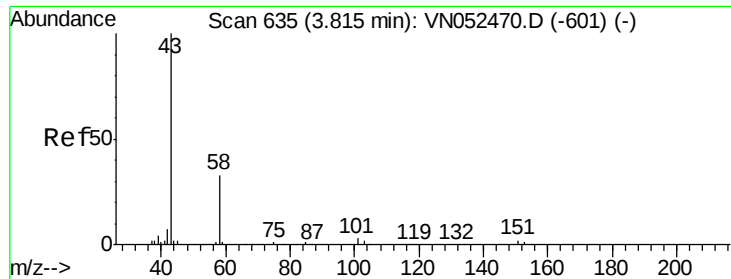
200

100

0

Time-->

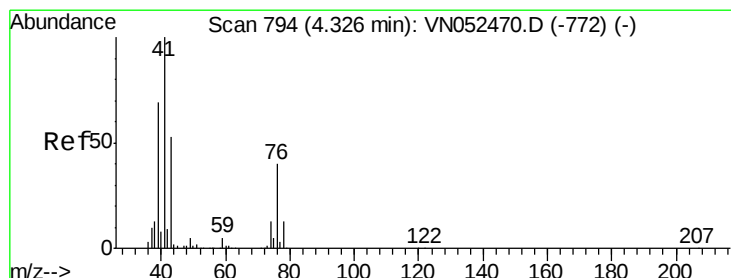
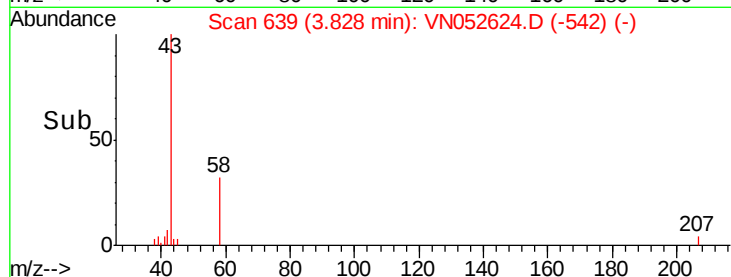
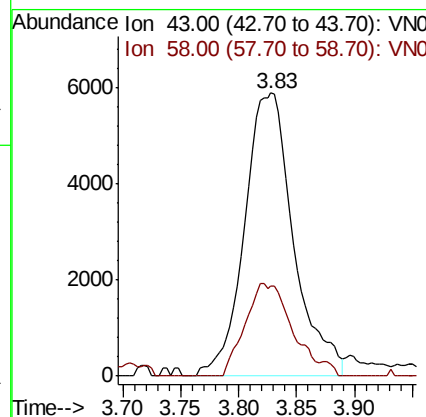
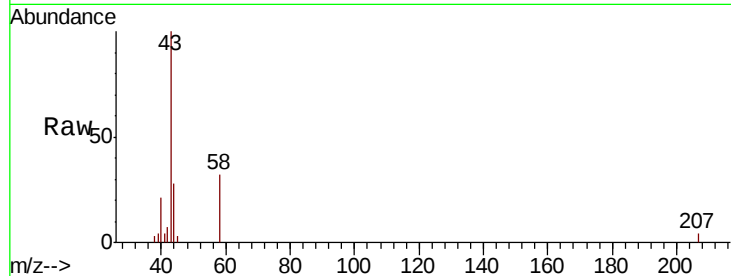




#16
Acetone
Concen: 4.893 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN052624.D
Acq: 3 Dec 2018 11:47

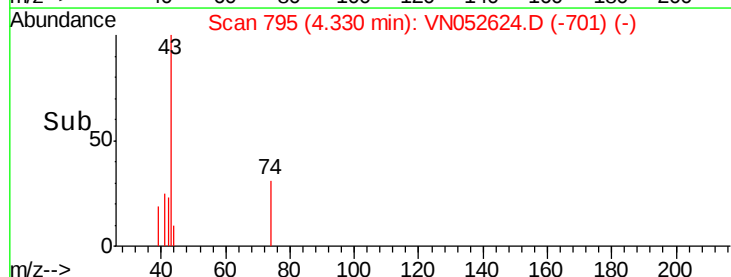
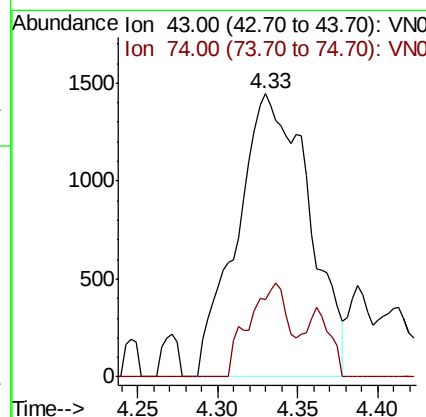
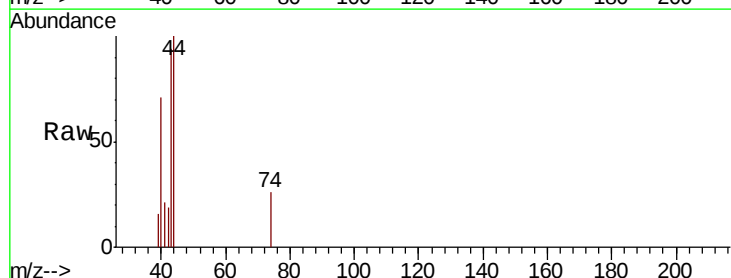
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#01

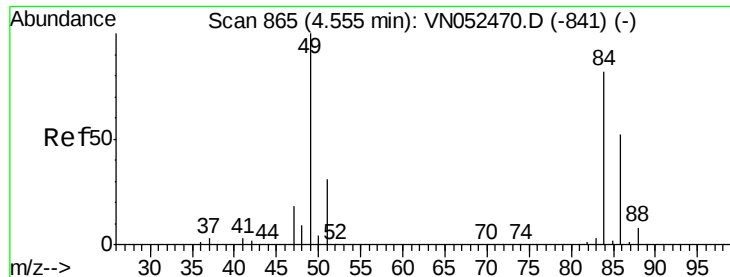
Tot Ion: 43 Resp: 17329
Ion Ratio Lower Upper
43 100
58 31.6 26.0 39.0



#18
Methyl Acetate
Concen: 0.441 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052624.D
Acq: 3 Dec 2018 11:47

Tgt Ion: 43 Resp: 4484
Ion Ratio Lower Upper
43 100
74 17.9 18.6 27.8#

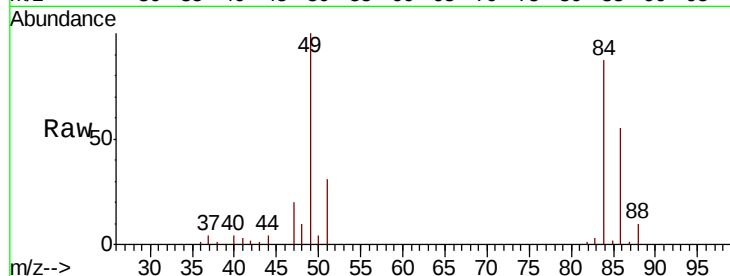




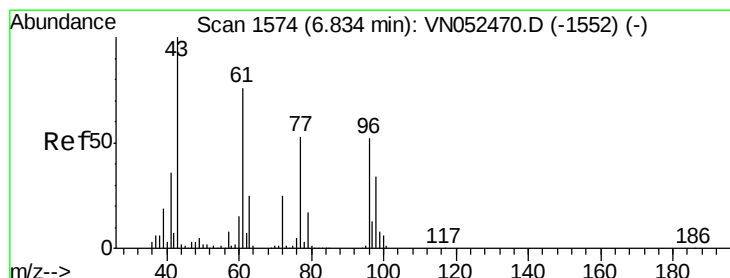
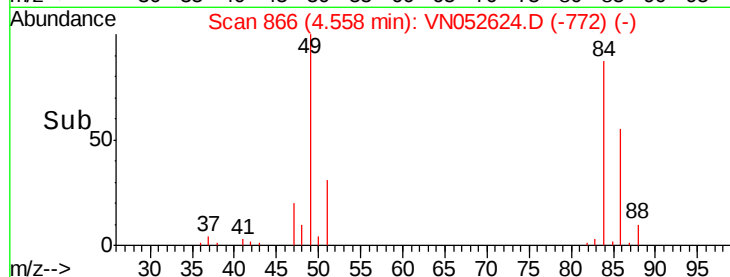
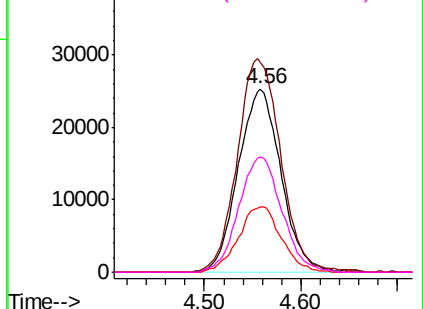
#20
Methvlene Chloride
Concen: 5.604 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052624.D
Acq: 3 Dec 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#01

Tot Ion: 84 Resp: 77659
Ion Ratio Lower Upper
84 100
49 114.7 98.0 147.0
51 35.4 30.1 45.1
86 62.8 50.7 76.1

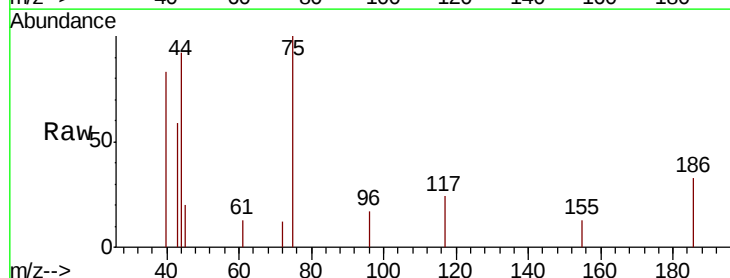


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

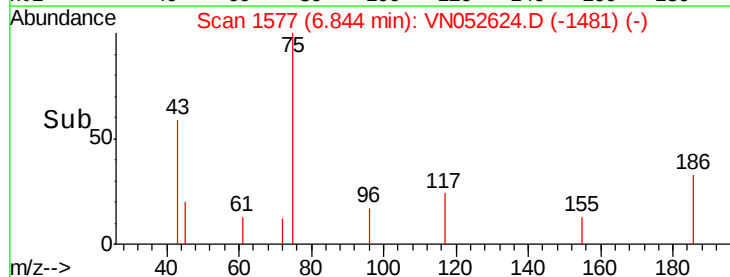
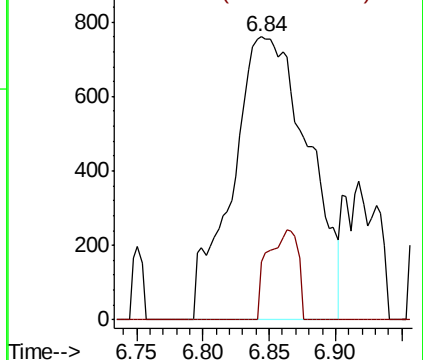


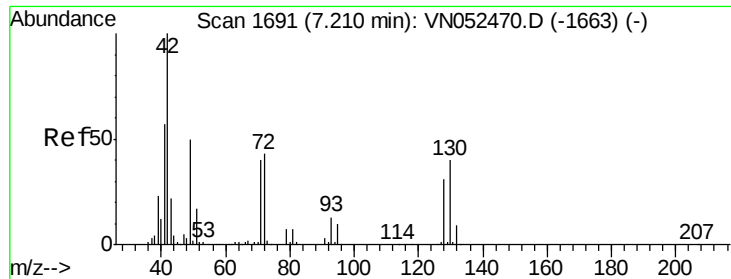
#25
2-Butanone
Concen: 0.605 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052624.D
Acq: 3 Dec 2018 11:47

Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
72 20.4 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

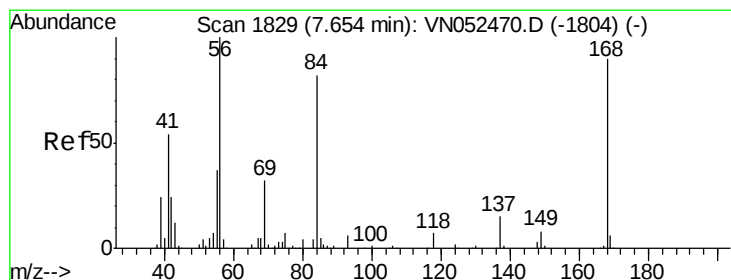
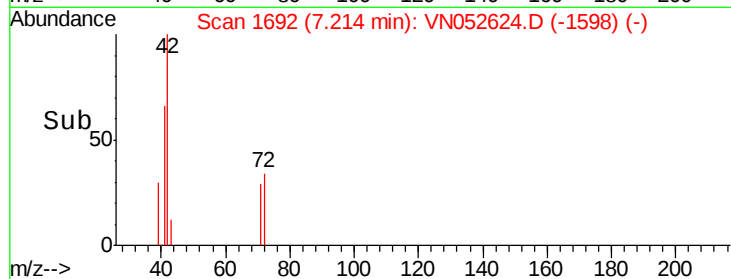
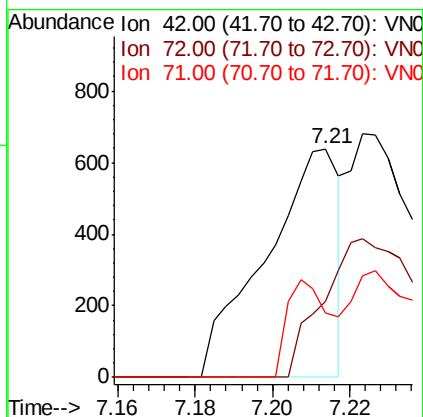
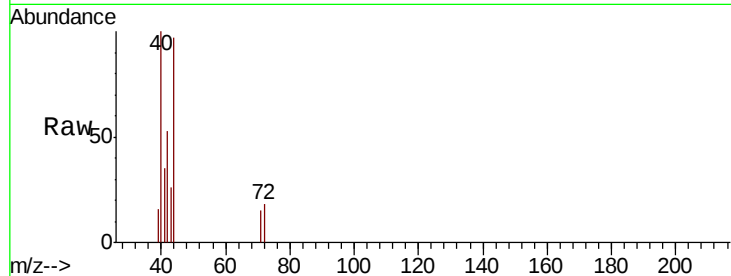




#29
Tetrahydrofuran
Concen: 0.261 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052624.D
Acq: 3 Dec 2018 11:47

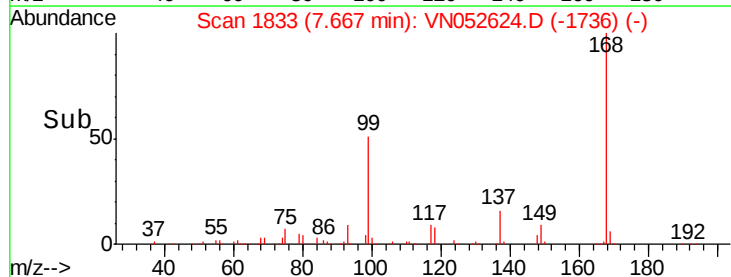
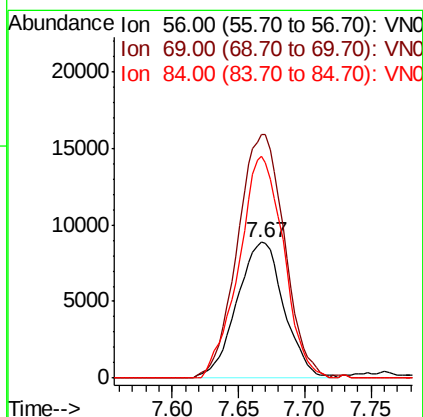
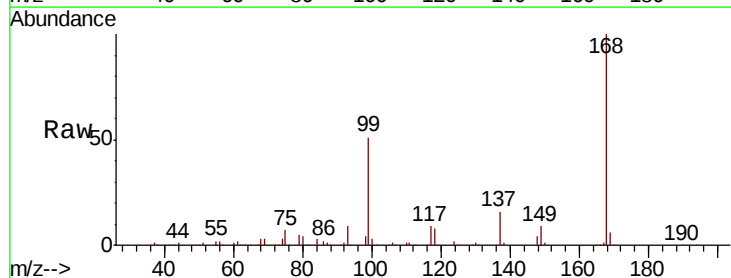
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#01

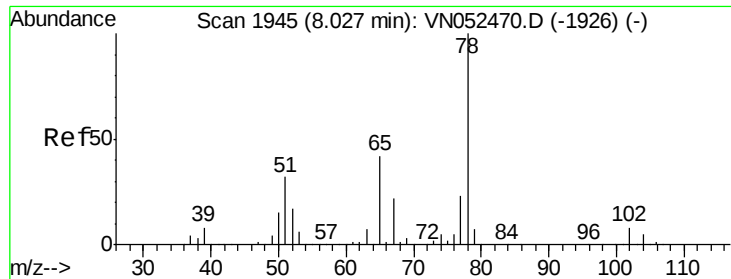
Tot Ion: 42 Resp: 846
Ion Ratio Lower Upper
42 100
72 0.0 33.3 49.9#
71 24.8 32.0 48.0#



#31
Cyclohexane
Concen: 0.588 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052624.D
Acq: 3 Dec 2018 11:47

Tgt Ion: 56 Resp: 21922
Ion Ratio Lower Upper
56 100
69 179.6 25.8 38.6#
84 163.9 65.3 97.9#

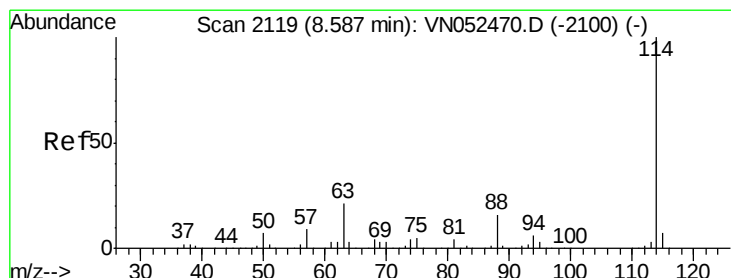
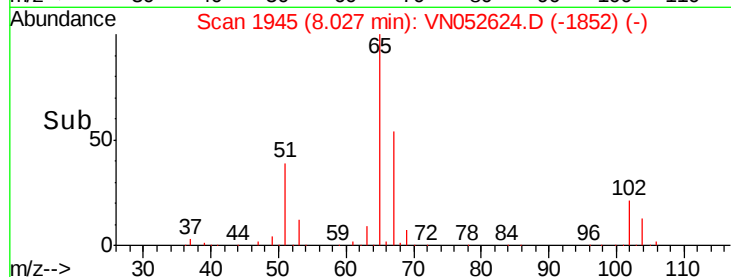
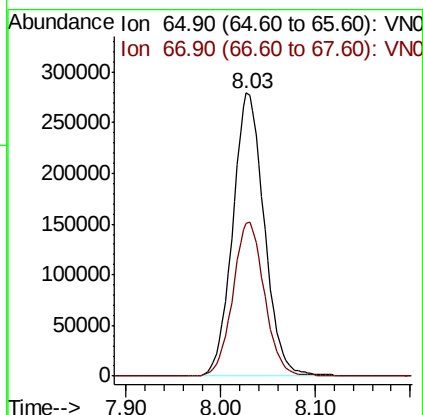
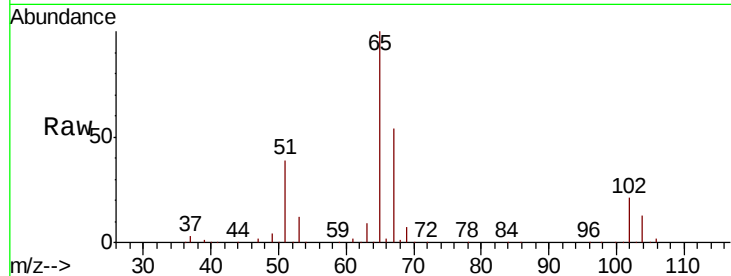




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052624.D
 Acq: 3 Dec 2018 11:47

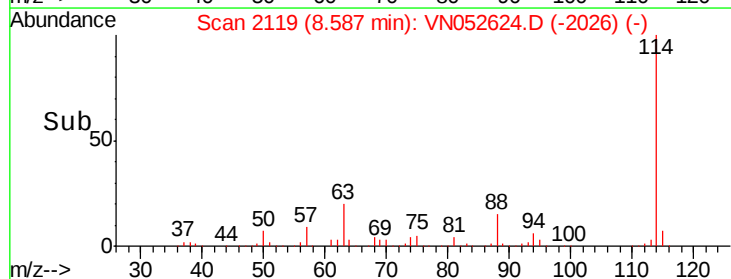
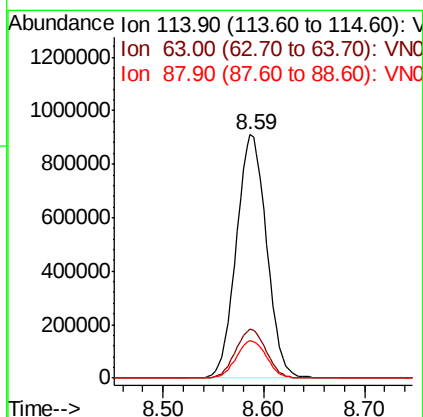
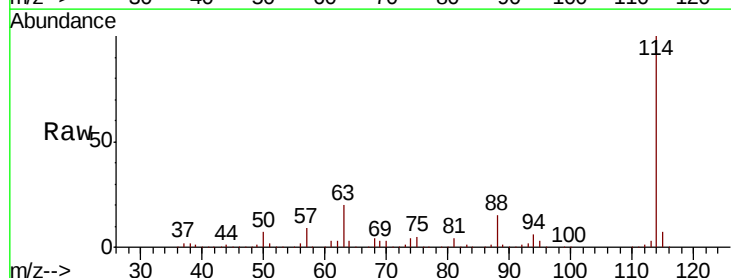
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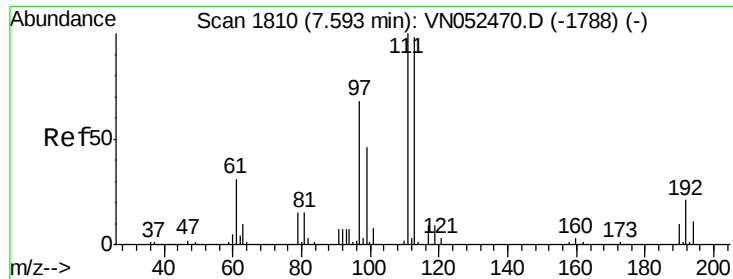
Tot Ion: 65 Resp: 646894
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052624.D
 Acq: 3 Dec 2018 11:47

Tgt Ion: 114 Resp: 1894222
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.4 0.0 31.6

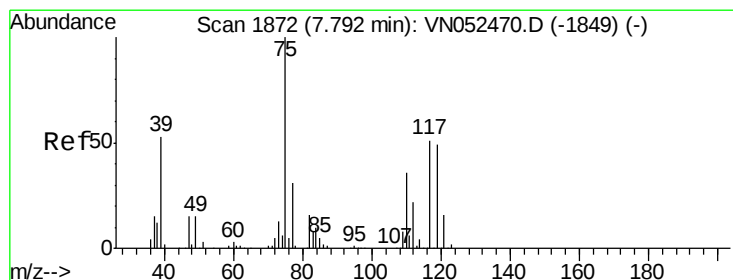
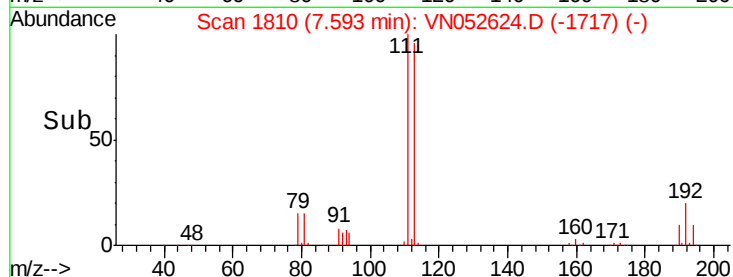
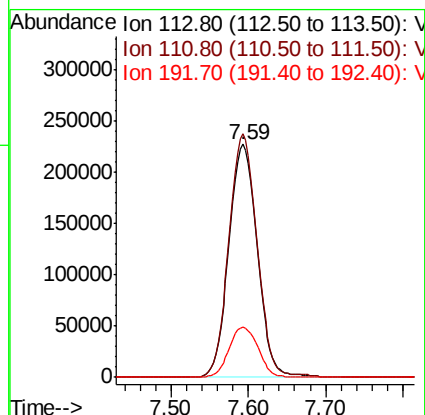
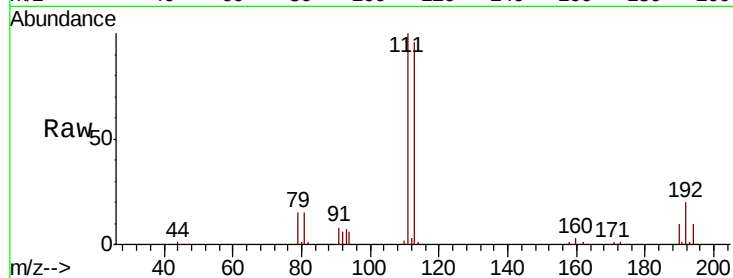




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052624.D
 Acq: 3 Dec 2018 11:47

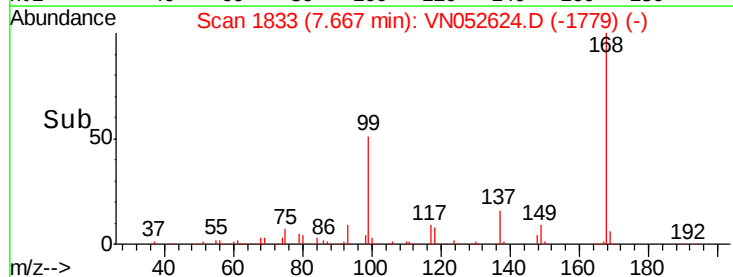
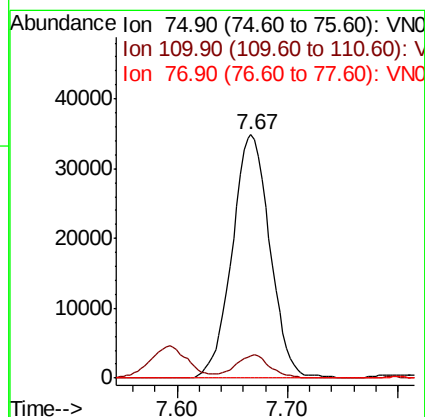
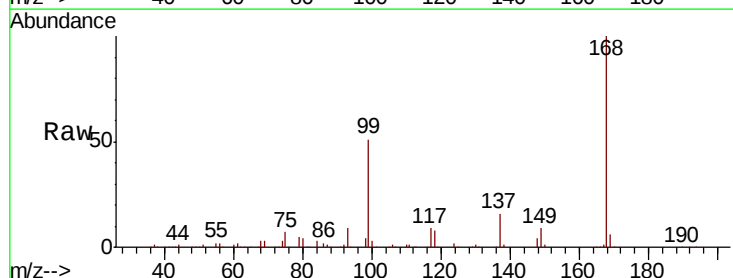
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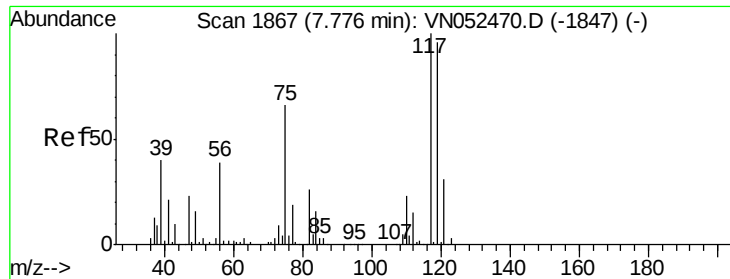
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	21.9	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.616 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052624.D
 Acq: 3 Dec 2018 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.5	52.6#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.759 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#01

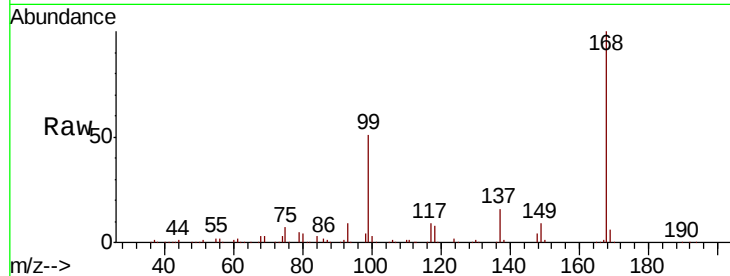
Tot Ion:117 Resp: 109446

Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

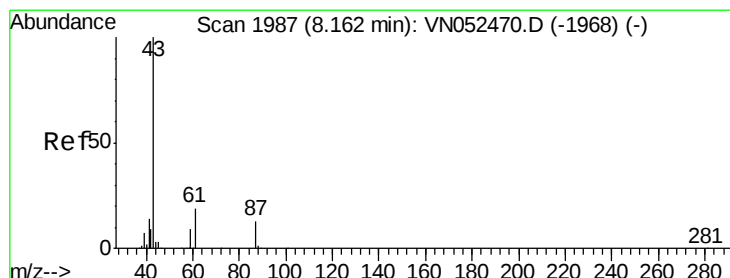
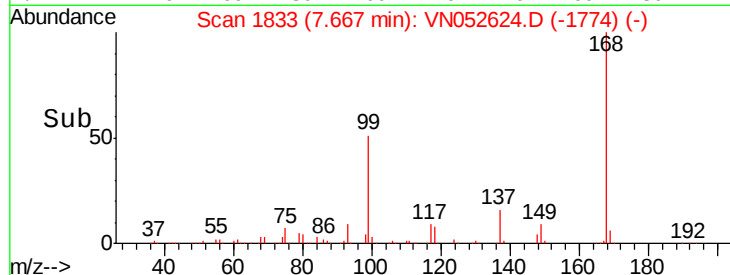
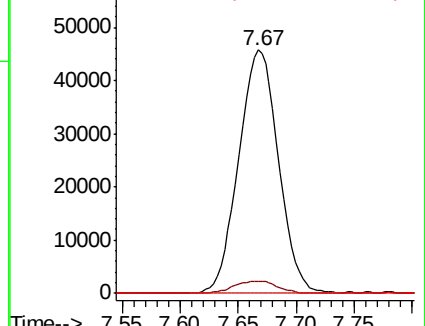
121 0.0 24.9 37.3#



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: 2.926 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

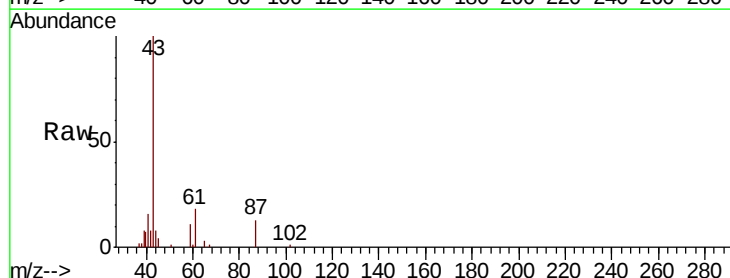
Tgt Ion: 43 Resp: 54060

Ion Ratio Lower Upper

43 100

61 16.0 24.1 36.1#

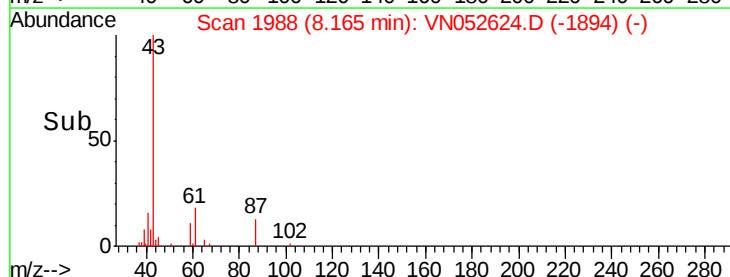
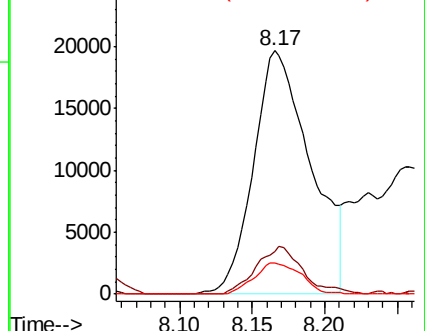
87 10.6 10.6 15.8

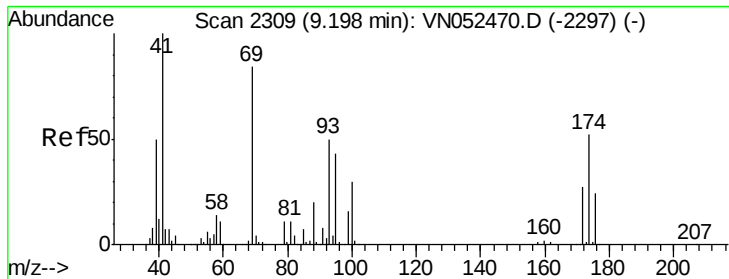


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

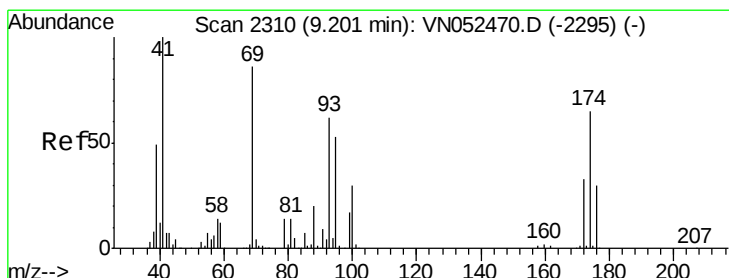
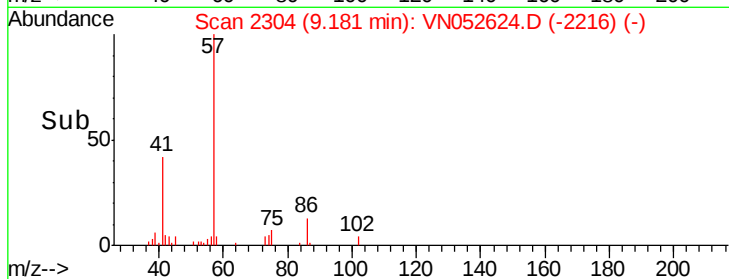
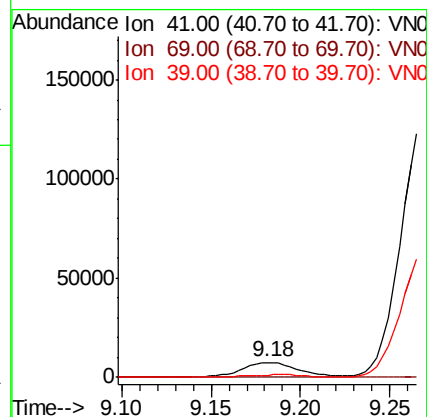
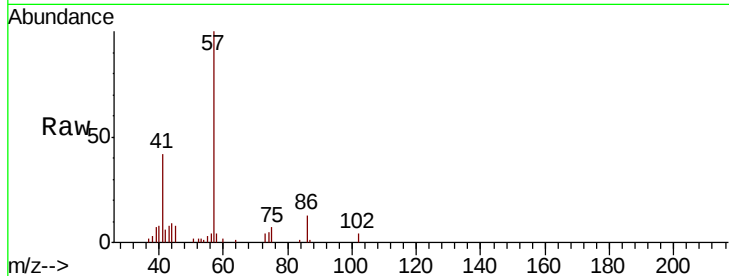




#48
Methyl methacrylate
Concen: 1.597 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052624.D
Acq: 3 Dec 2018 11:47

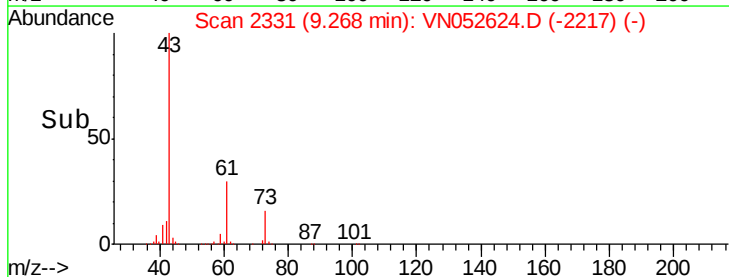
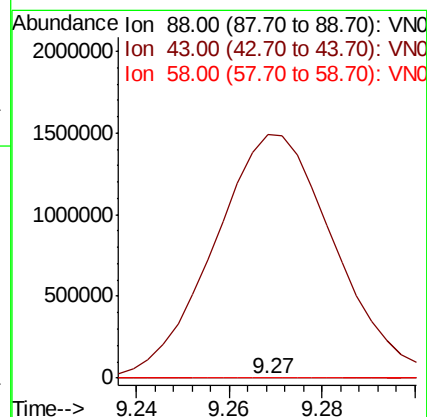
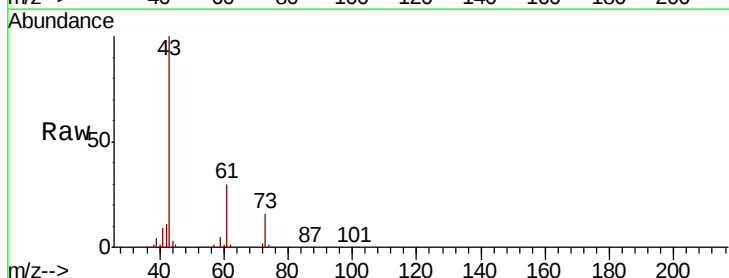
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#01

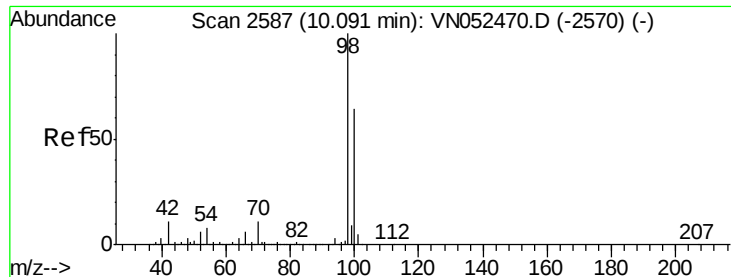
Tot Ion: 41 Resp: 15380
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 0.0 42.6 64.0#



#49
1,4-Dioxane
Concen: 3.221 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN052624.D
Acq: 3 Dec 2018 11:47

Tgt Ion: 88 Resp: 322
Ion Ratio Lower Upper
88 100
43 859487.9 26.4 39.6#
58 3865.5 55.4 83.0#





#50

Toluene-d8

Concen: 3.221 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

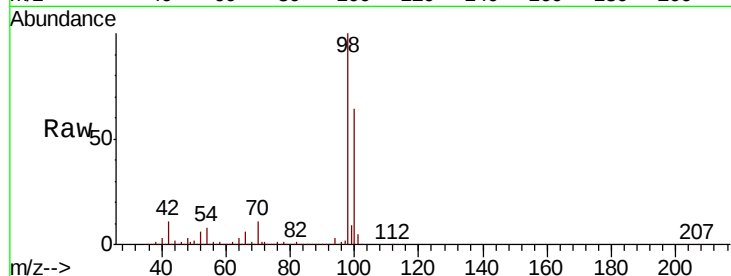
PB115231ZHE#01

Tot Ion: 98 Resp: 2312358

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

10.09

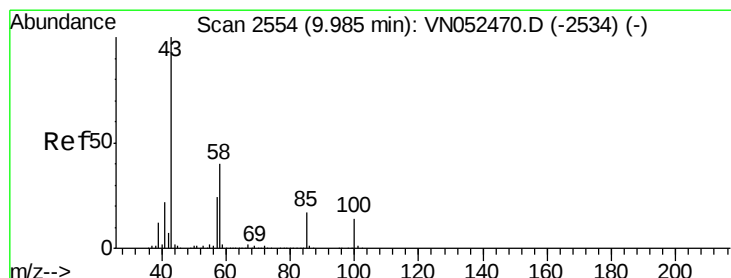
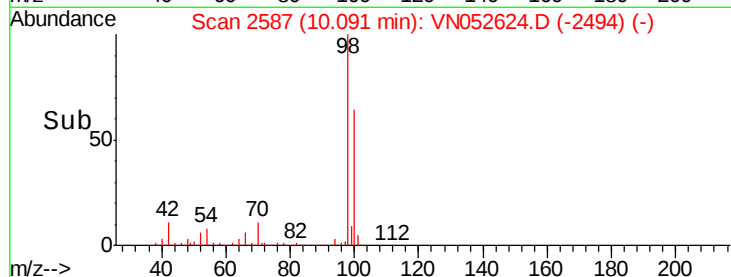
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.757 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN052624.D

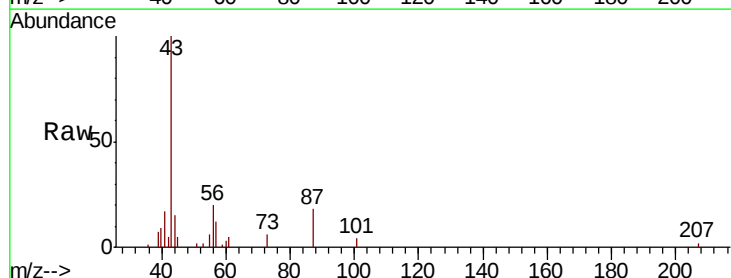
Acq: 3 Dec 2018 11:47

Tgt Ion: 43 Resp: 18210

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-2534) (-)

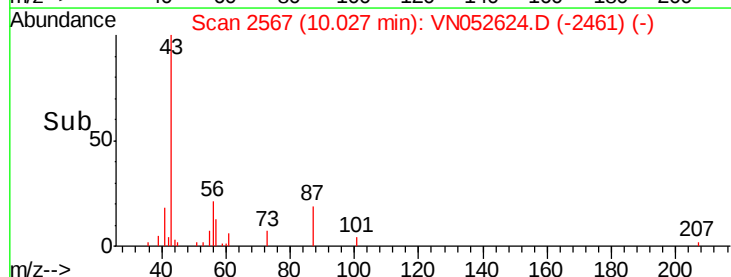
10.03

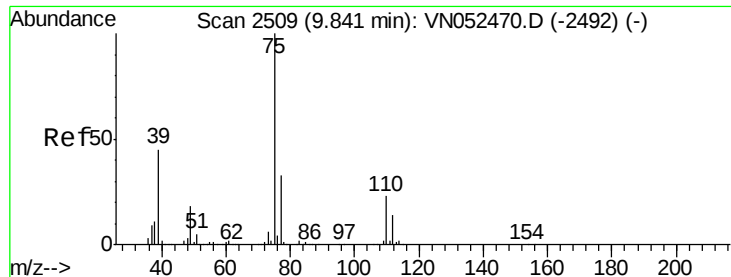
10000

5000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 6.523 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#01

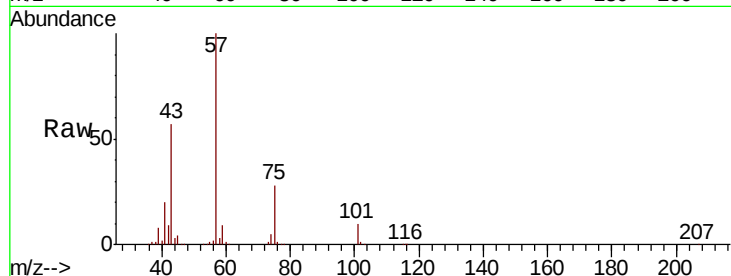
Tot Ion: 75 Resp: 128270

Ion Ratio Lower Upper

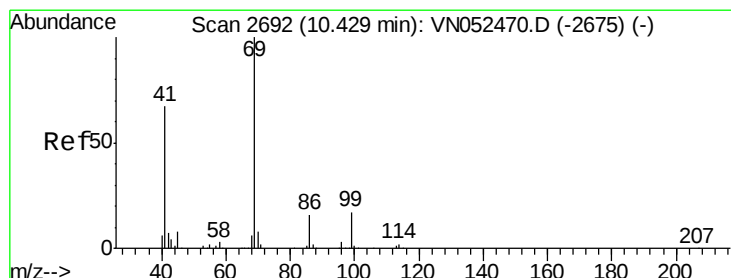
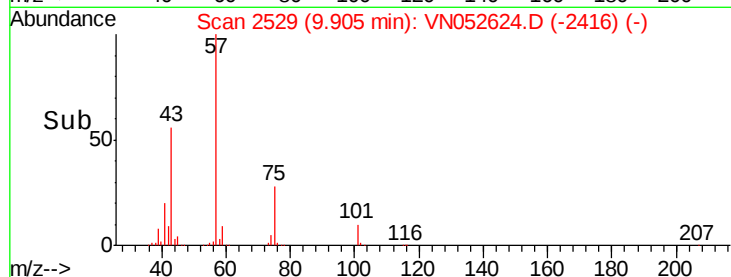
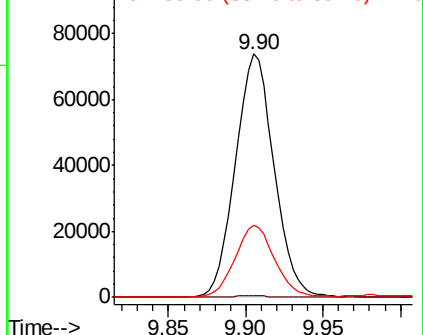
75 100

77 0.6 26.2 39.2#

39 29.6 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 2.794 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

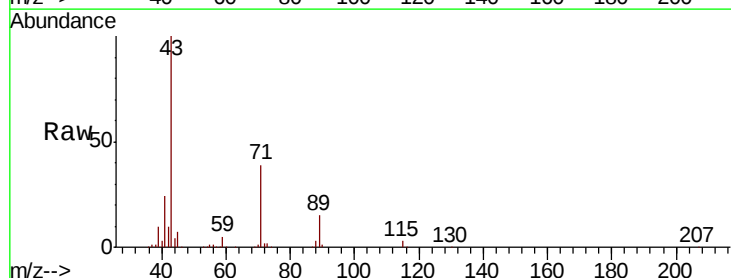
Tgt Ion: 69 Resp: 1652

Ion Ratio Lower Upper

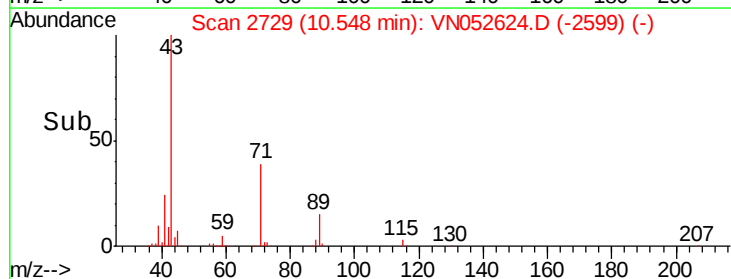
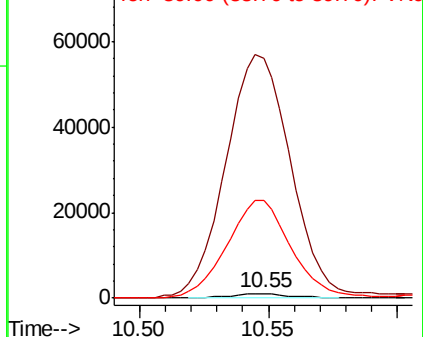
69 100

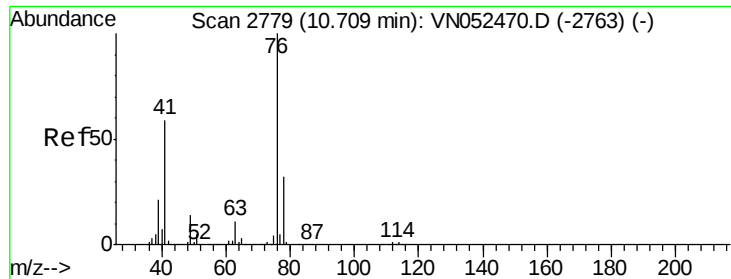
41 6057.8 52.6 79.0#

39 2412.8 25.9 38.9#



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

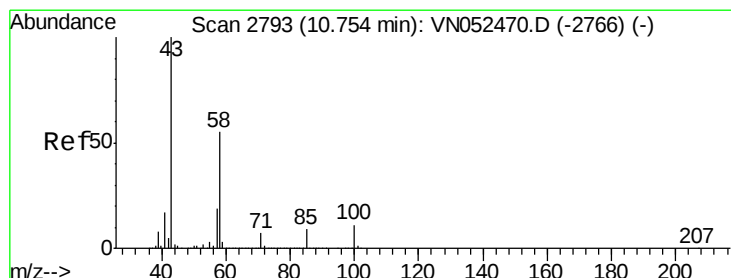
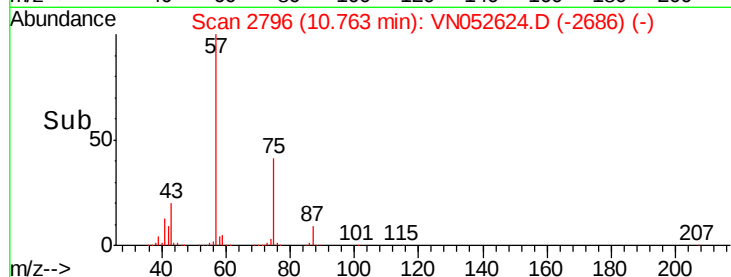
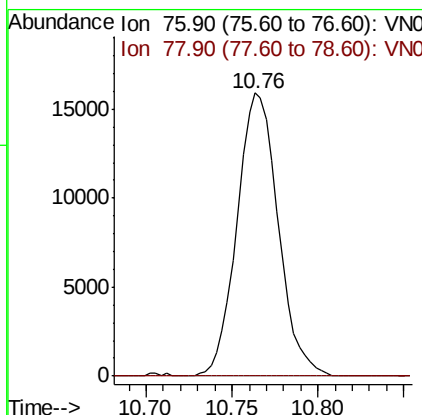
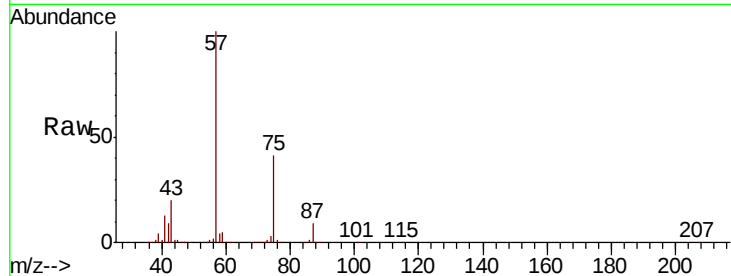




#57
 1,3-Dichloropropane
 Concen: 1.342 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN052624.D
 Acq: 3 Dec 2018 11:47

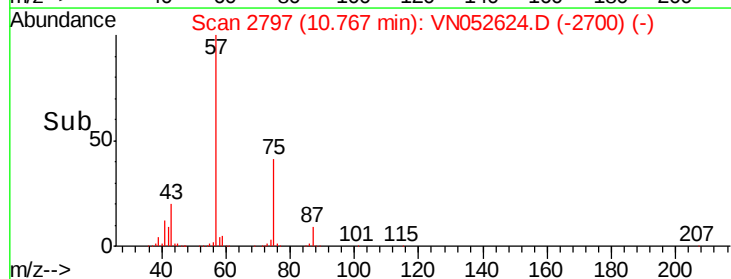
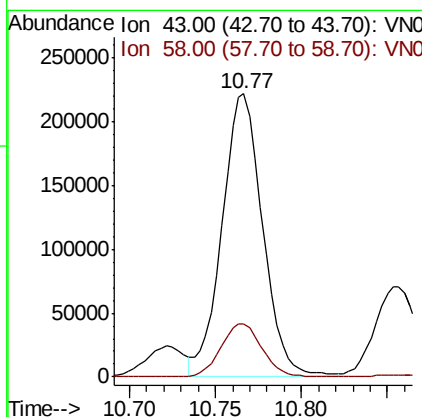
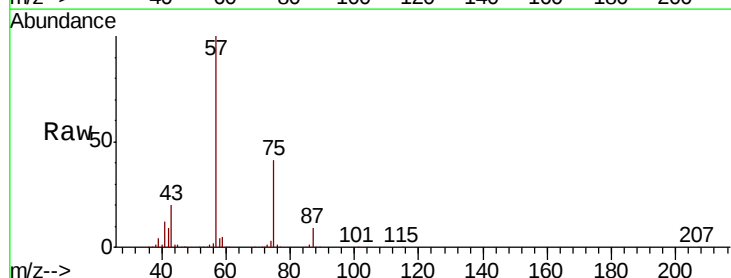
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#01

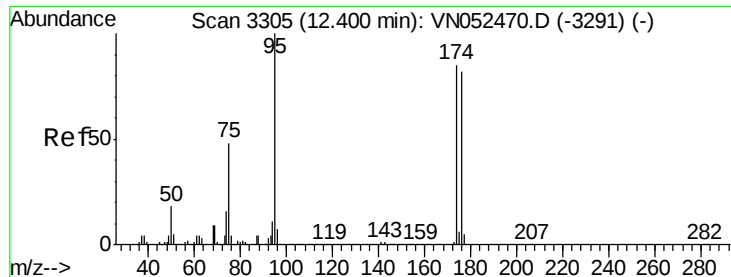
Tot Ion: 76 Resp: 26400
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 52.317 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN052624.D
 Acq: 3 Dec 2018 11:47

Tgt Ion: 43 Resp: 363956
 Ion Ratio Lower Upper
 43 100
 58 19.3 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: VN052624.D

Acq: 3 Dec 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#01

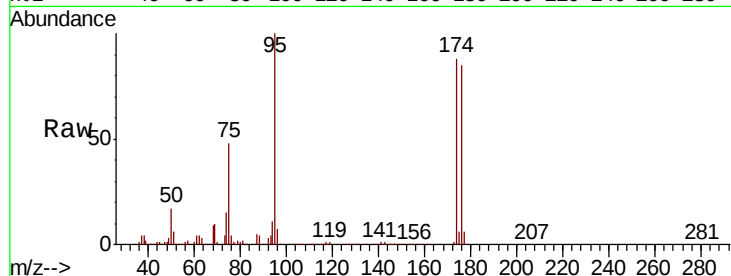
Tot Ion: 95 Resp: 711548

Ion Ratio Lower Upper

95 100

174 88.1 0.0 173.0

176 85.2 0.0 166.2

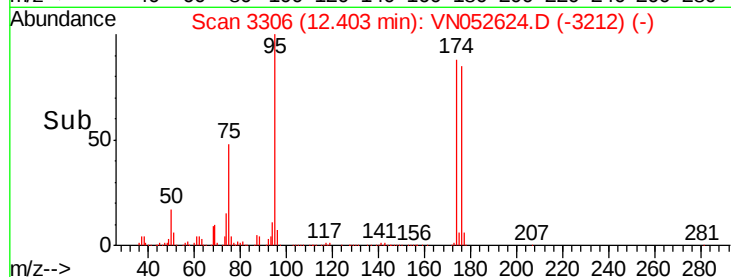


Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

Time--> 12.30 12.40 12.50

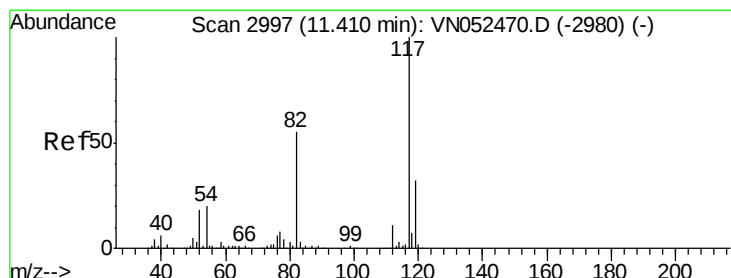


Abundance Ion 94.90 (94.60 to 95.60): VN052624.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052624.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052624.D (-3212) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

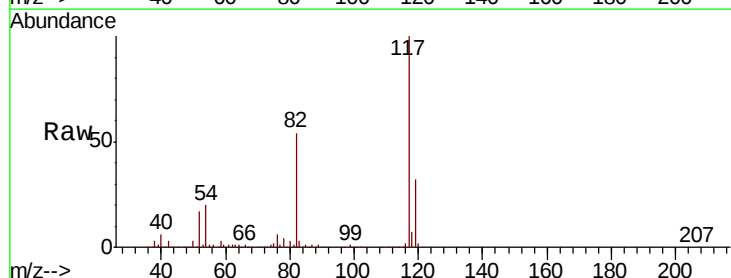
Tgt Ion: 117 Resp: 1651706

Ion Ratio Lower Upper

117 100

82 54.3 43.6 65.4

119 32.5 25.4 38.2

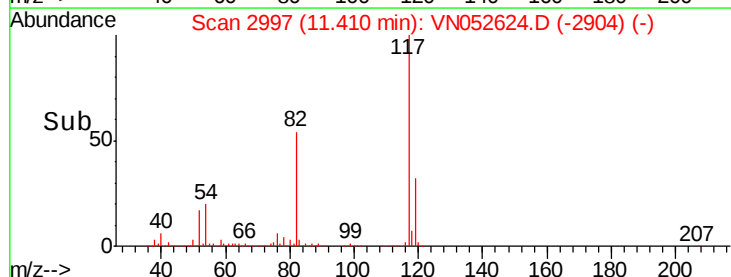


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)

Time--> 11.30 11.40 11.50

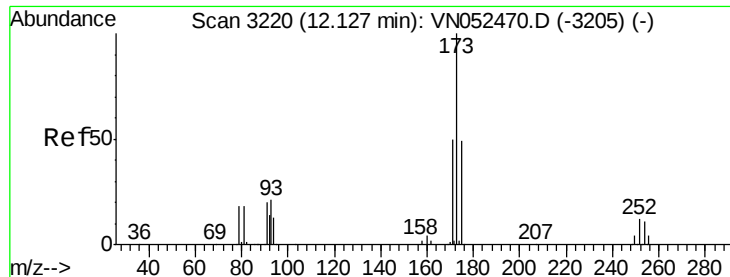


Abundance Ion 116.90 (116.60 to 117.60): VN052624.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN052624.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN052624.D (-2904) (-)

Time--> 11.30 11.40 11.50



#71

Bromoform

Concen: 0.582 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#01

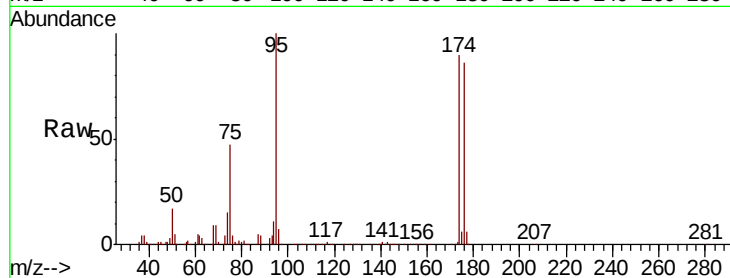
Tot Ion:173 Resp: 4563

Ion Ratio Lower Upper

173 100

175 852.1 24.4 73.2#

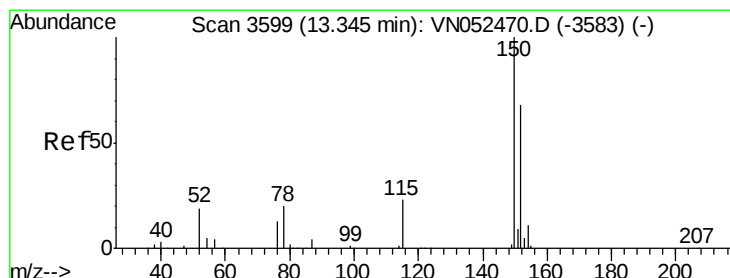
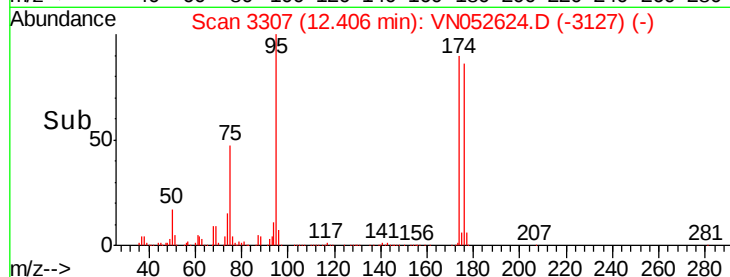
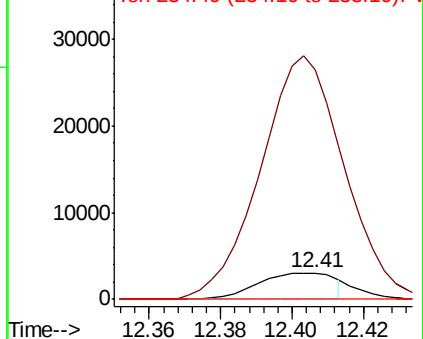
254 0.0 0.1 0.1#



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: VN052624.D

Acq: 3 Dec 2018 11:47

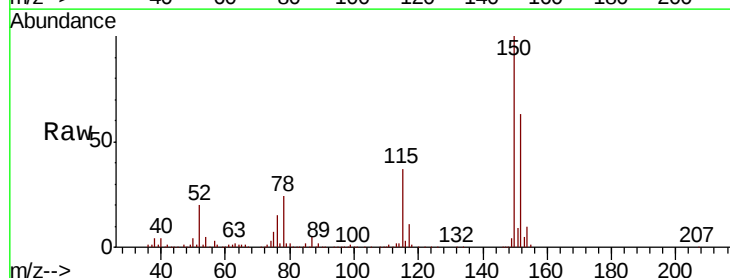
Tgt Ion:152 Resp: 606925

Ion Ratio Lower Upper

152 100

115 56.8 28.4 85.2

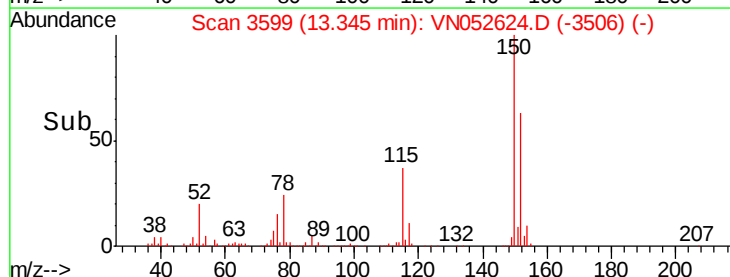
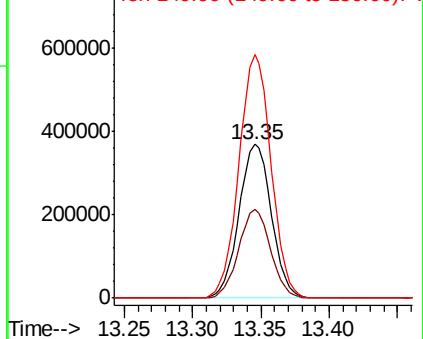
150 157.0 0.0 346.0

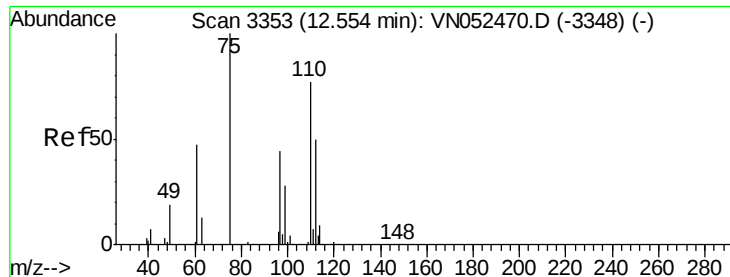


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 36.817 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

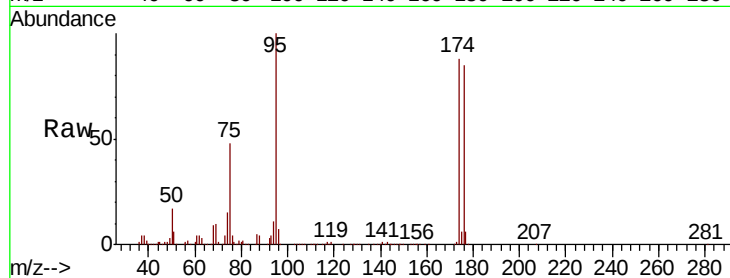
PB115231ZHE#01

Tot Ion: 75 Resp: 344577

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) (-)

250000

200000

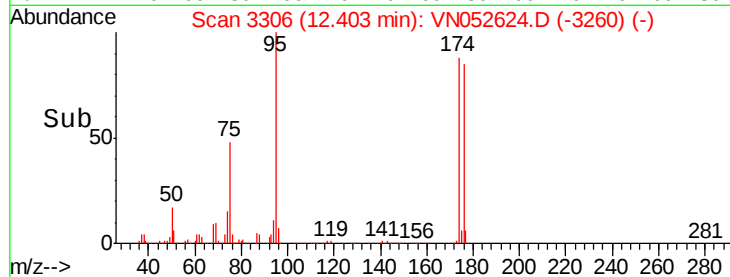
150000

100000

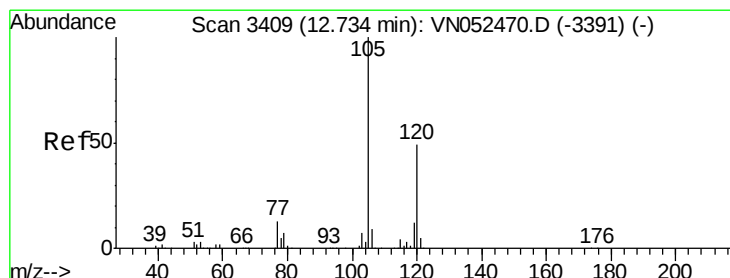
50000

0

12.30 12.40 12.50



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.733 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052624.D

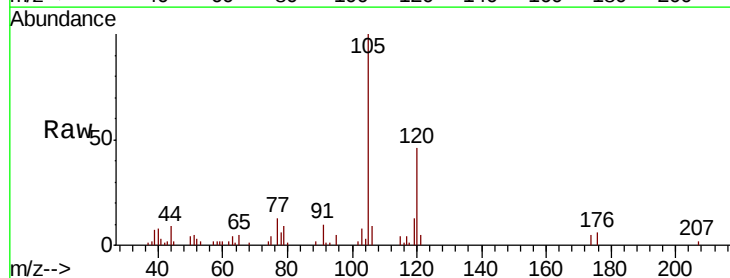
Acq: 3 Dec 2018 11:47

Tgt Ion: 105 Resp: 27849

Ion Ratio Lower Upper

105 100

120 49.8 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) (-)

20000

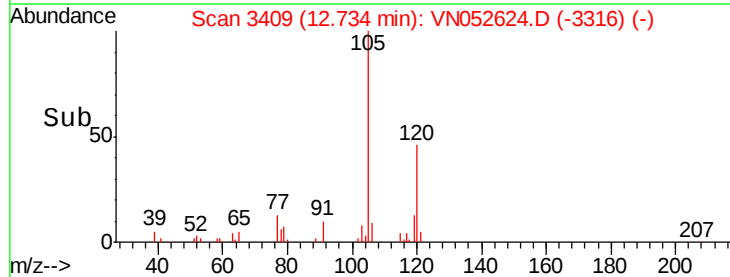
15000

10000

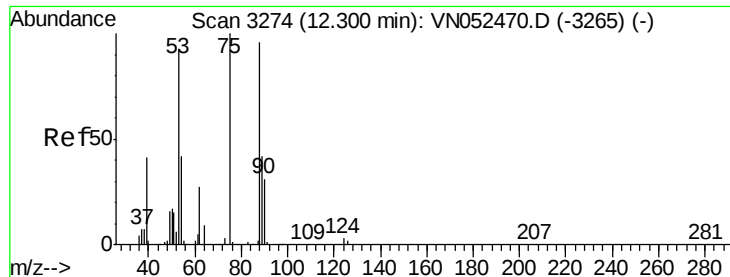
5000

0

12.70 12.73 12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 122.952 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#01

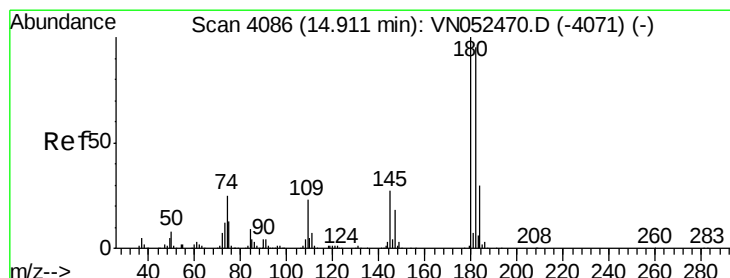
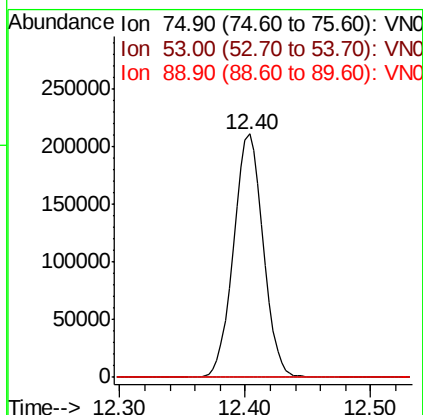
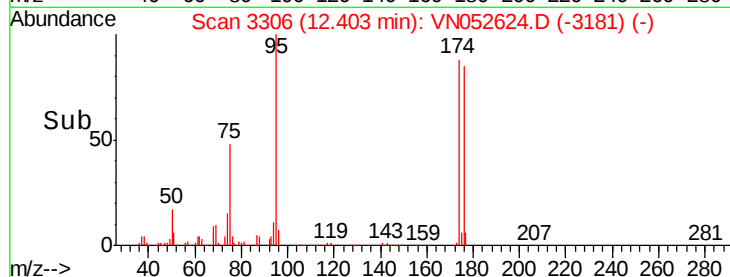
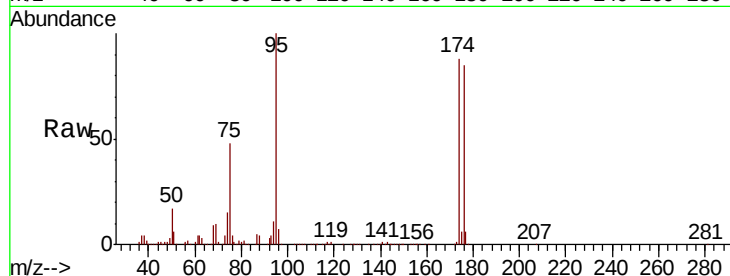
Tot Ion: 75 Resp: 344577

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

89 0.0 35.4 53.2#



#93

1,2,4-Trichlorobenzene

Concen: 3.186 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

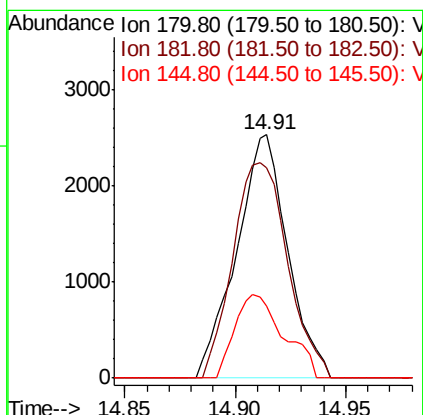
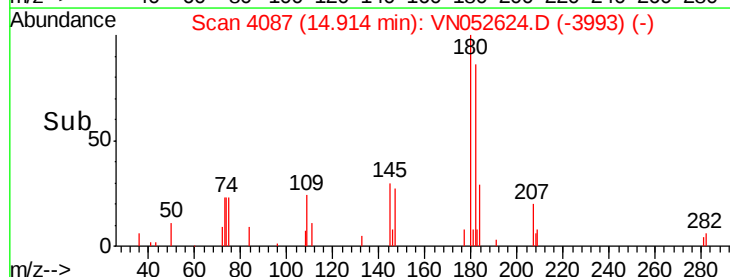
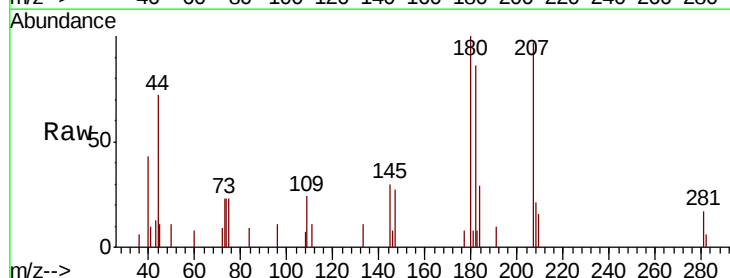
Tgt Ion: 180 Resp: 4070

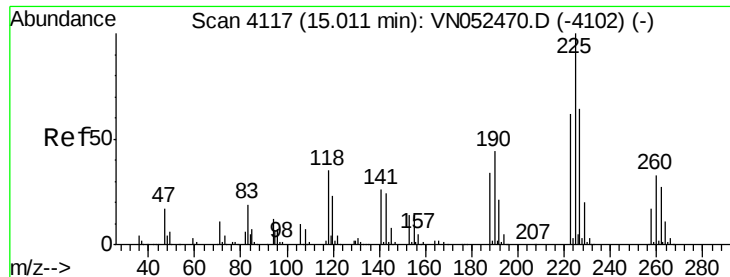
Ion Ratio Lower Upper

180 100

182 94.6 47.8 143.4

145 32.8 14.1 42.3





#94

Hexachlorobutadiene

Concen: 0.246 ug/l

RT: 15.02 min Scan# 4119

Delta R.T. 0.01 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#01

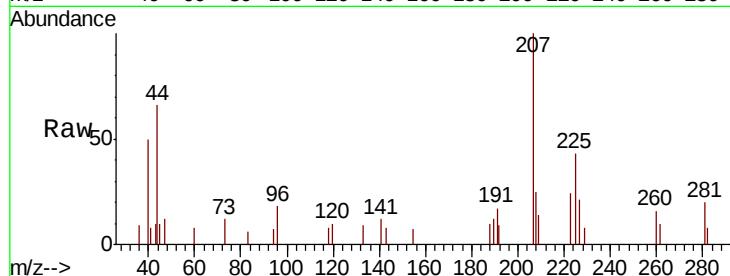
Tot Ion:225 Resp: 1554

Ion Ratio Lower Upper

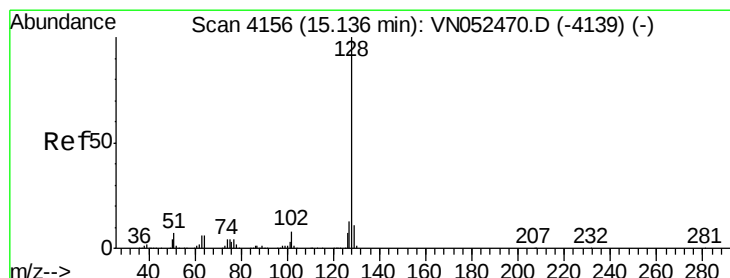
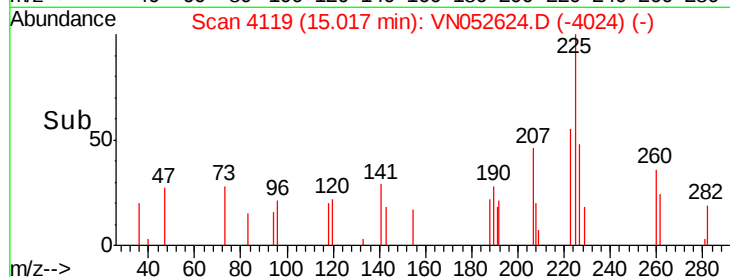
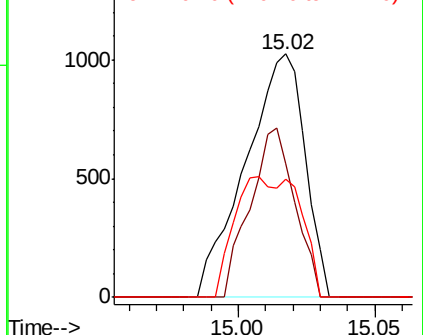
225 100

223 52.2 31.4 94.2

227 54.6 32.5 97.4



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: 3.866 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052624.D

Acq: 3 Dec 2018 11:47

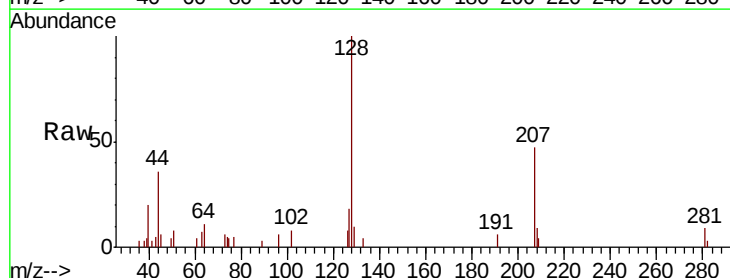
Tgt Ion:128 Resp: 10721

Ion Ratio Lower Upper

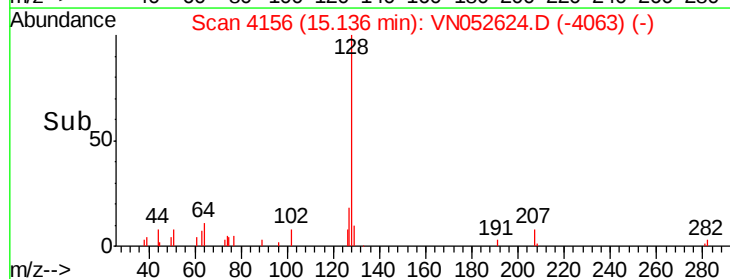
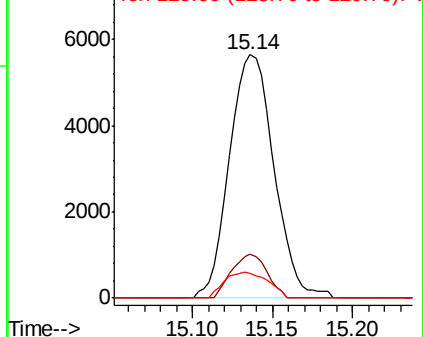
128 100

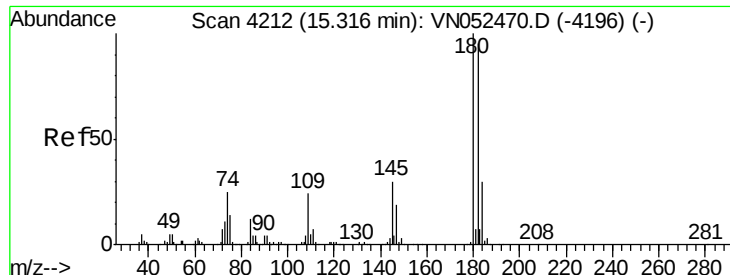
127 14.3 10.2 15.2

129 10.5 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

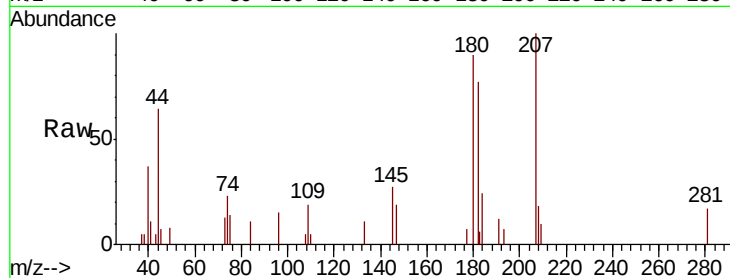




#96
 1,2,3-Trichlorobenzene
 Concen: 3.180 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN052624.D
 Acq: 3 Dec 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#01

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.5	47.8	143.3
145	31.6	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

