

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052627.D
 Acq On : 3 Dec 2018 13:07
 Operator : MD\SY
 Sample : PB115231ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#04

Quant Time: Dec 04 00:32:25 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	1215520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1893938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1684462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	642713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	645460	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	7.59	113	582411	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.09	98	2308623	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	741690	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

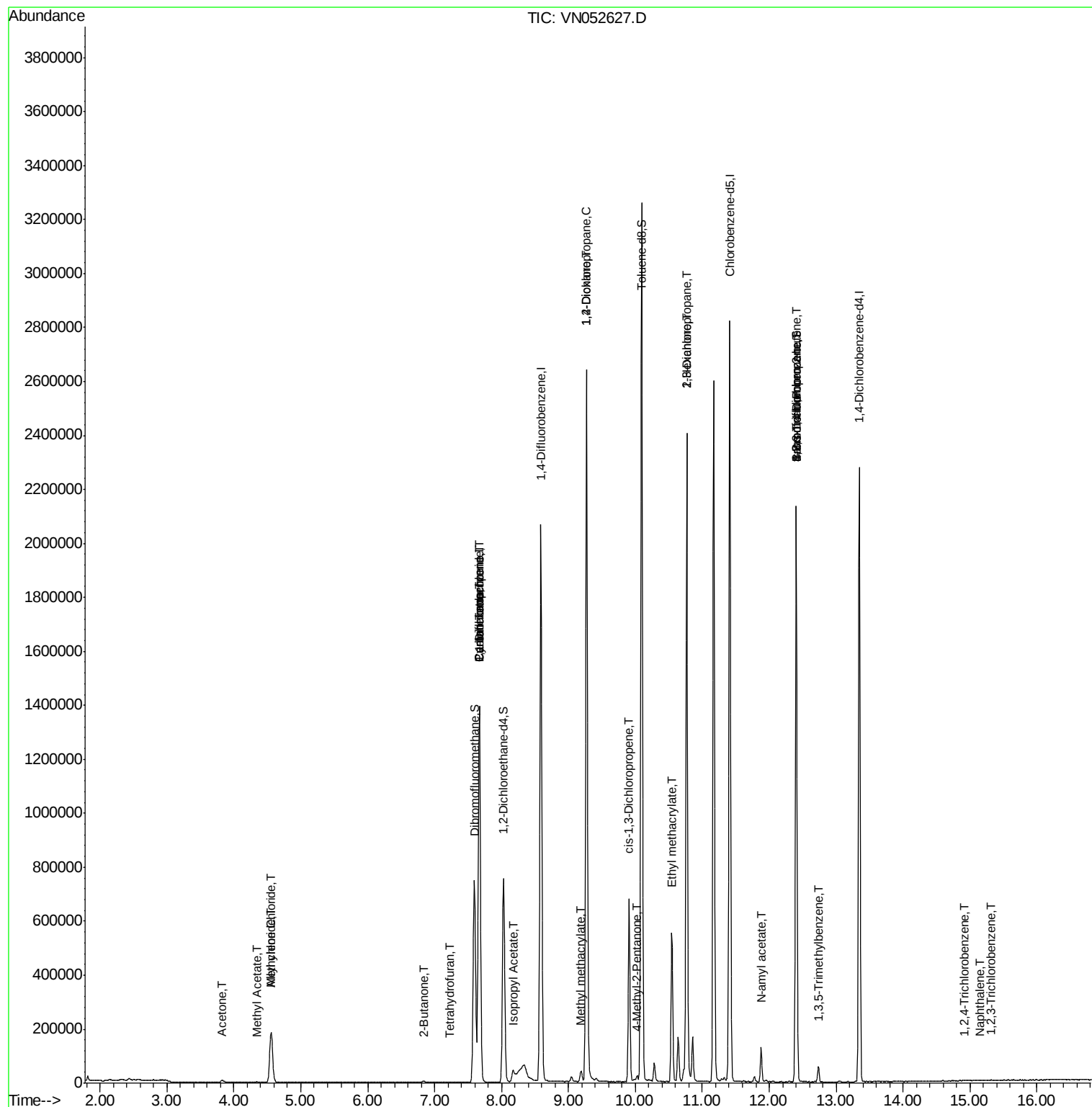
						Qvalue
14) Allyl chloride	4.56	41	6048	0.308	ug/l #	27
16) Acetone	3.82	43	15441	4.423	ug/l	91
18) Methyl Acetate	4.34	43	5322	0.531	ug/l	92
20) Methylene Chloride	4.56	84	146135	10.698	ug/l	98
25) 2-Butanone	6.84	43	1338	0.270	ug/l	92
29) Tetrahydrofuran	7.22	42	1050	0.329	ug/l #	67
31) Cyclohexane	7.67	56	21388	0.578	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	83173	4.650	ug/l #	50
38) Carbon Tetrachloride	7.67	117	108687	6.713	ug/l #	16
43) Isopropyl Acetate	8.17	43	62059	3.360	ug/l #	78
45) 1,2-Dichloropropane	9.27	63	3165	0.223	ug/l #	43
48) Methyl methacrylate	9.18	41	14173	1.472	ug/l #	13
49) 1,4-Dioxane	9.27	88	309	3.091	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	17502	1.689	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	123525	6.282	ug/l #	63
56) Ethyl methacrylate	10.54	69	1774	2.802	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	25228	1.283	ug/l #	43
59) 2-Hexanone	10.77	43	348169	50.055	ug/l #	51
71) Bromoform	12.40	173	4497	0.562	ug/l #	1
74) N-amyl acetate	11.88	43	40234	3.158	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	354243	35.742	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	30461	0.757	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	354243	119.363	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	137	2.841	ug/l #	12
95) Naphthalene	15.14	128	744	3.457	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.32	180	369	2.760	ug/l #	25

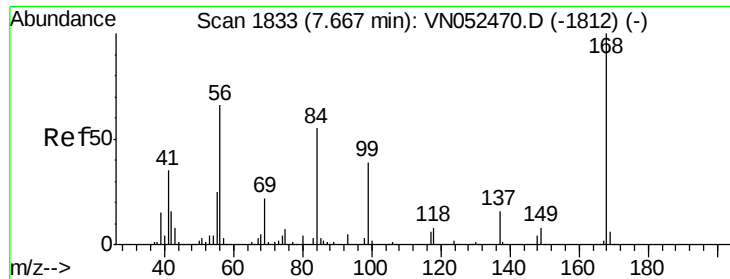
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

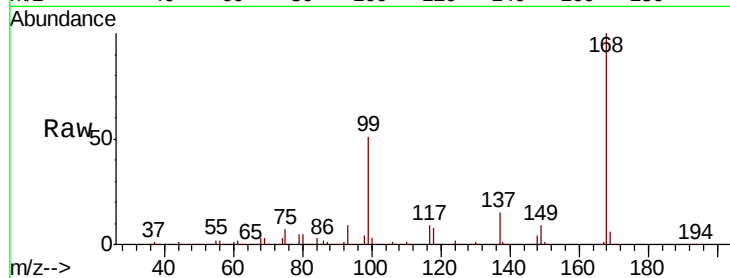
PB115231ZHE#04

Tot Ion:168 Resp: 1215520

Ion Ratio Lower Upper

168 100

99 51.0 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

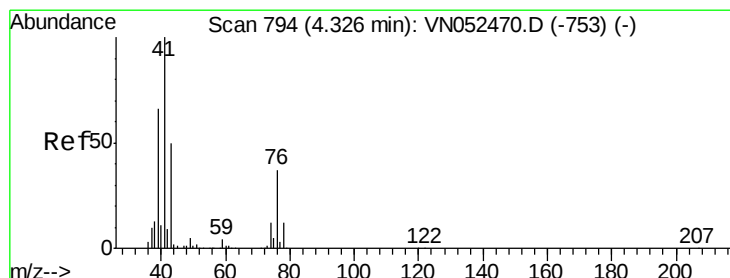
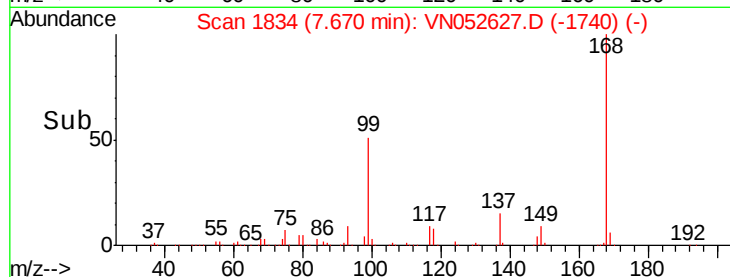
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 0.308 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

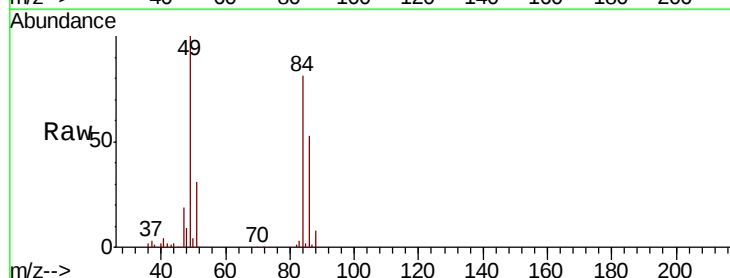
Tgt Ion: 41 Resp: 6048

Ion Ratio Lower Upper

41 100

39 0.5 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

3000

2500

2000

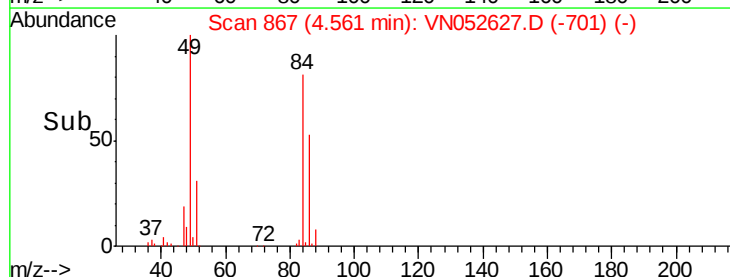
1500

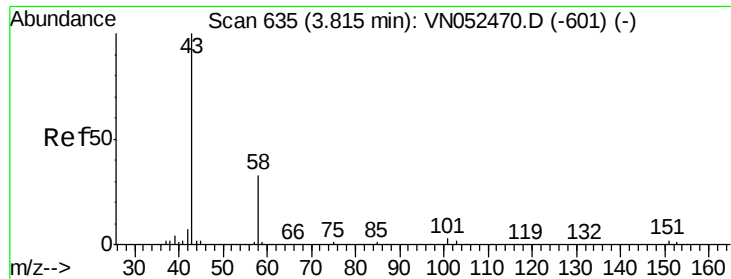
1000

500

0

Time-->





#16

Acetone

Concen: 4.423 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

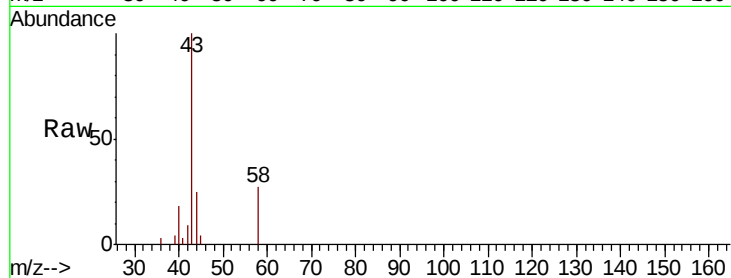
PB115231ZHE#04

Tot Ion: 43 Resp: 15441

Ion Ratio Lower Upper

43 100

58 27.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

6000

5000

4000

3000

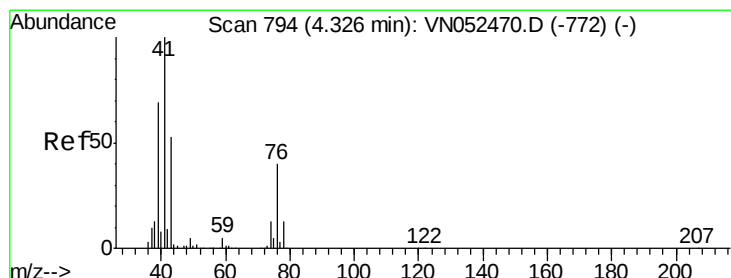
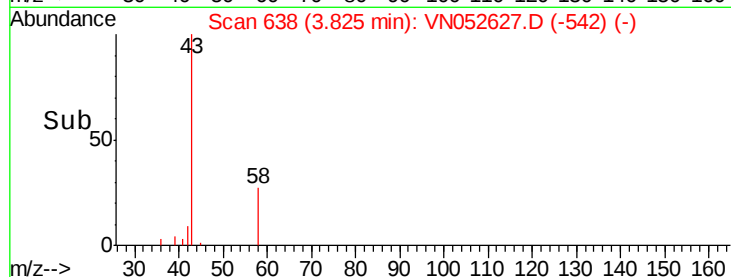
2000

1000

0

Time--> 3.70 3.80 3.90

3.82



#18

Methyl Acetate

Concen: 0.531 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN052627.D

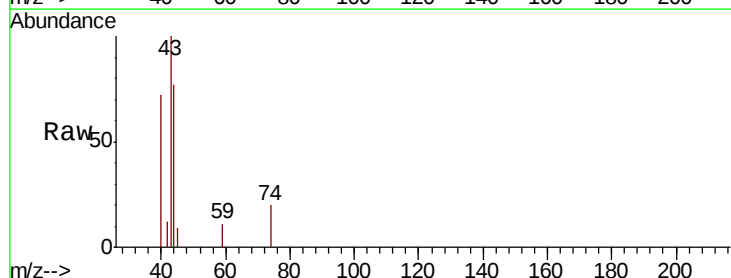
Acq: 3 Dec 2018 13:07

Tgt Ion: 43 Resp: 5322

Ion Ratio Lower Upper

43 100

74 19.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

2000

1500

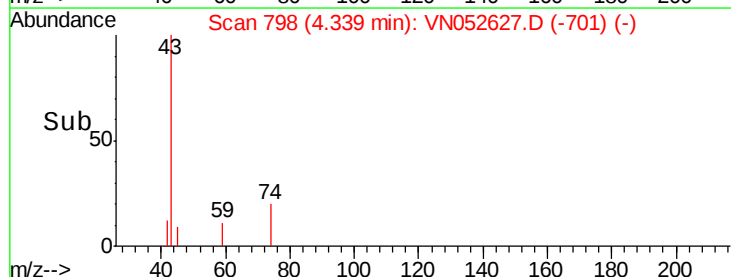
1000

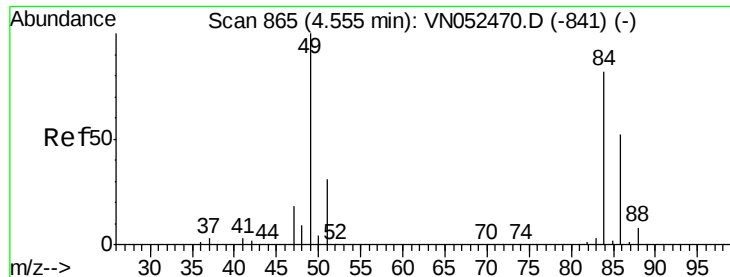
500

0

Time--> 4.25 4.30 4.35 4.40

4.34

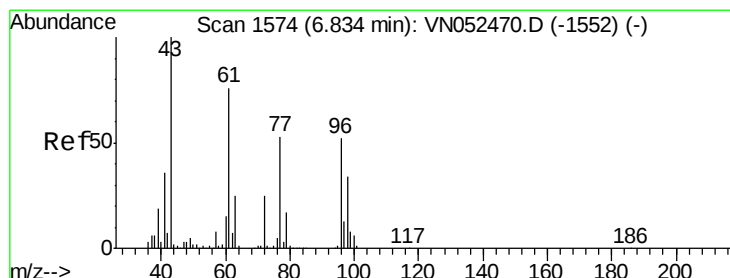
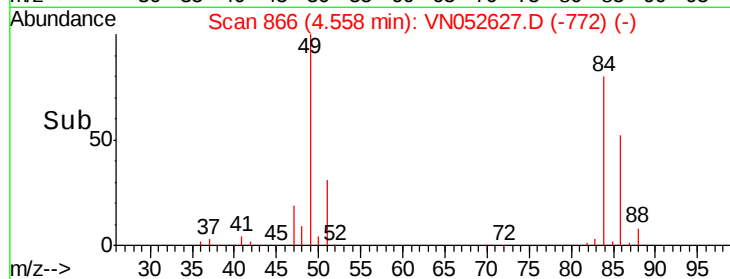
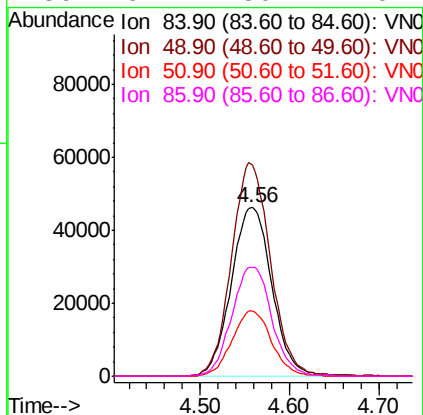
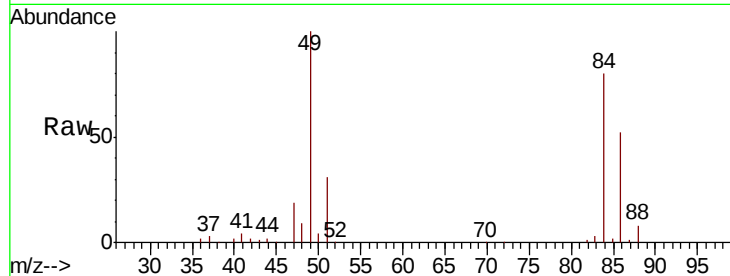




#20
Methvlene Chloride
Concen: 10.698 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052627.D
Acq: 3 Dec 2018 13:07

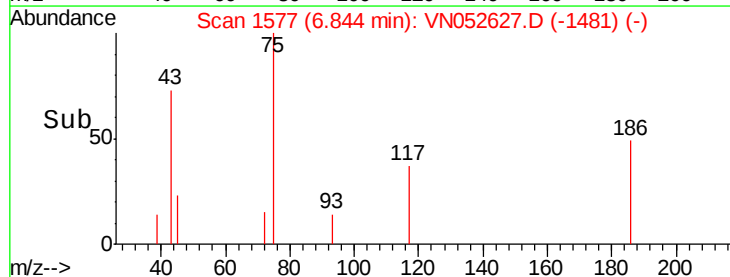
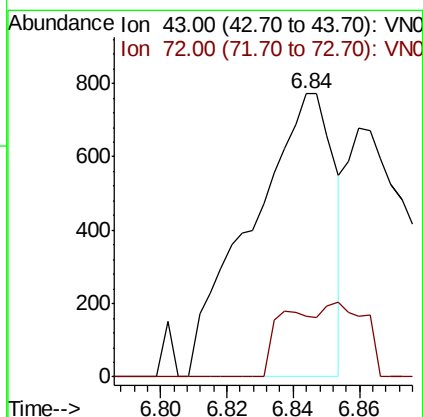
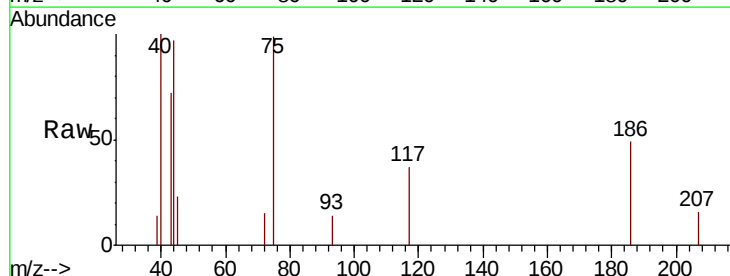
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#04

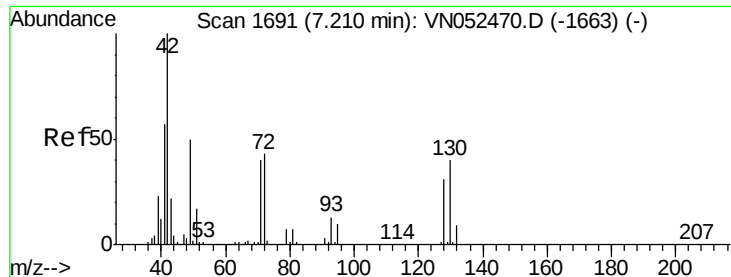
Tot Ion:	84	Resp:	146135
Ion	Ratio	Lower	Upper
84	100		
49	125.2	98.0	147.0
51	38.5	30.1	45.1
86	64.7	50.7	76.1



#25
2-Butanone
Concen: 0.270 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052627.D
Acq: 3 Dec 2018 13:07

Tgt Ion:	43	Resp:	1338
Ion	Ratio	Lower	Upper
43	100		
72	21.2	20.1	30.1





#29

Tetrahydrofuran

Concen: 0.329 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

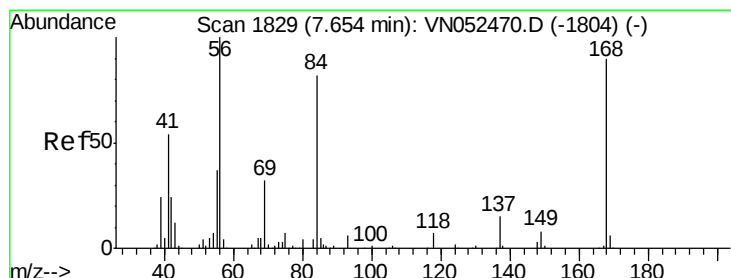
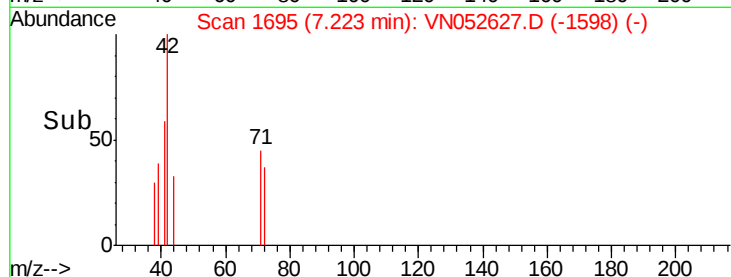
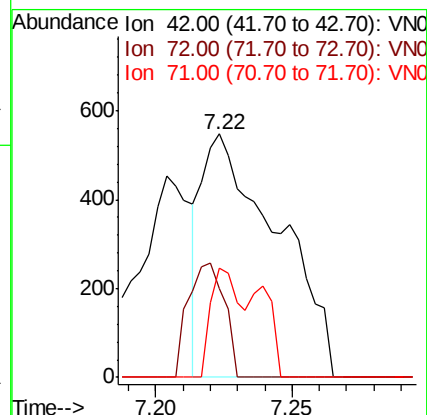
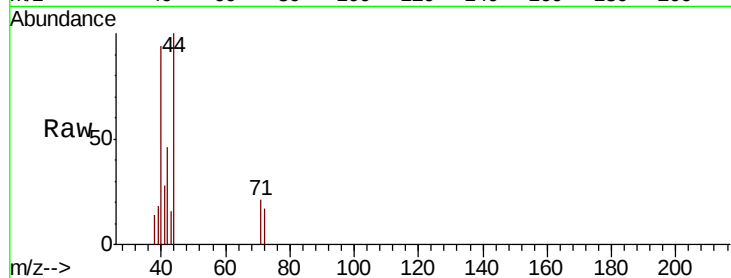
Tot Ion: 42 Resp: 1050

Ion Ratio Lower Upper

42 100

72 22.2 33.3 49.9#

71 17.7 32.0 48.0#



#31

Cyclohexane

Concen: 0.578 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

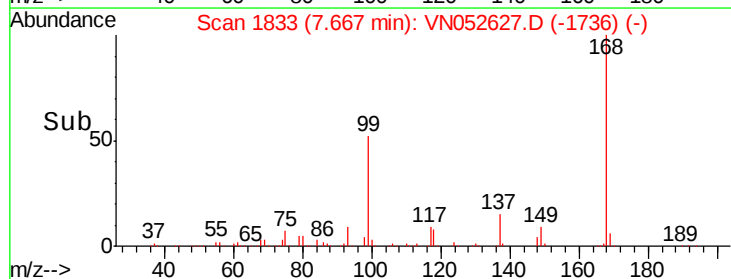
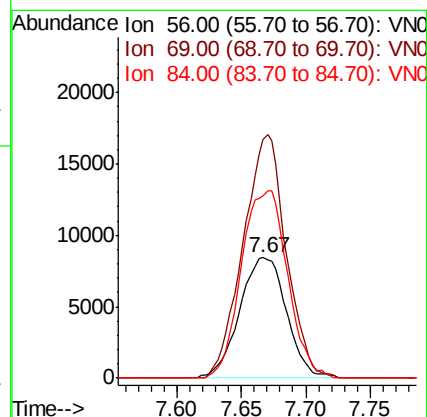
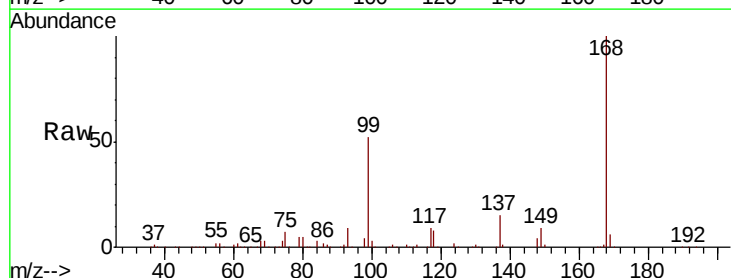
Tgt Ion: 56 Resp: 21388

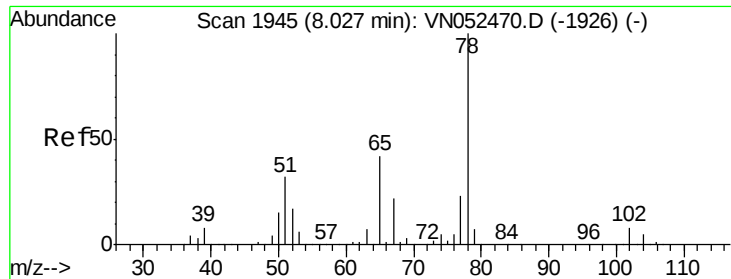
Ion Ratio Lower Upper

56 100

69 197.3 25.8 38.6#

84 151.0 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

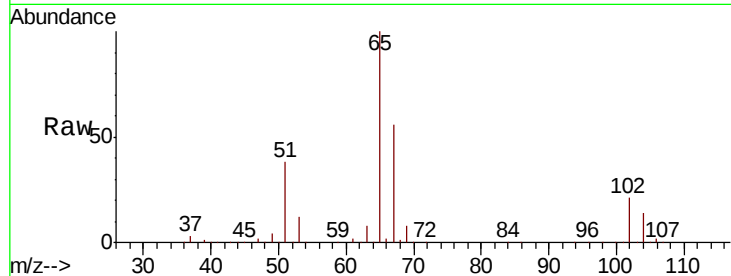
PB115231ZHE#04

Tot Ion: 65 Resp: 645460

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052627.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052627.D (-1926) (-)

8.03

300000

250000

200000

150000

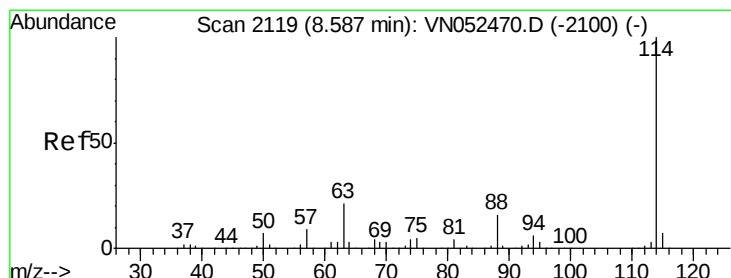
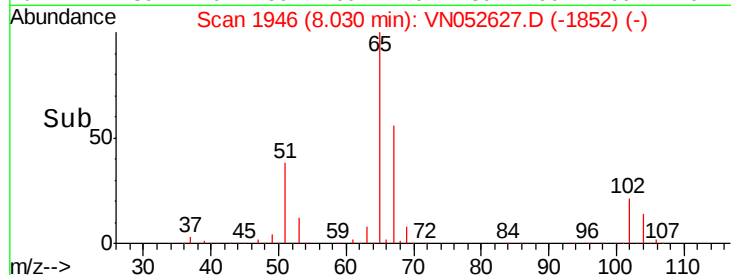
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

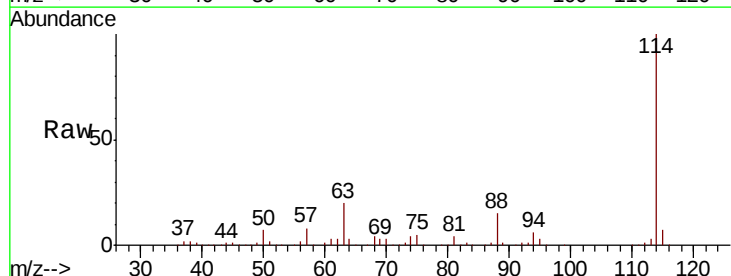
Tgt Ion:114 Resp: 1893938

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

88 15.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN052627.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN052627.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN052627.D (-2100) (-)

8.59

1200000

1000000

800000

600000

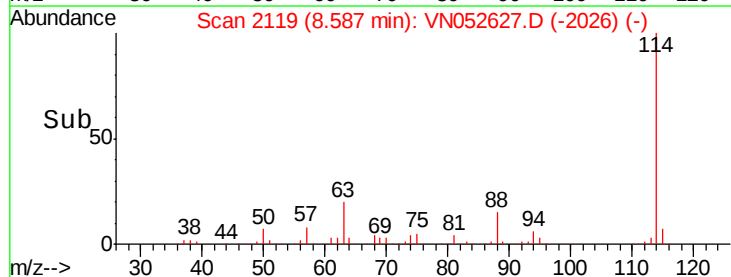
400000

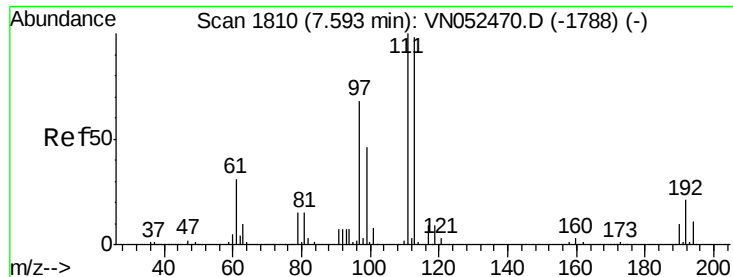
200000

0

Time-->

8.50 8.60 8.70

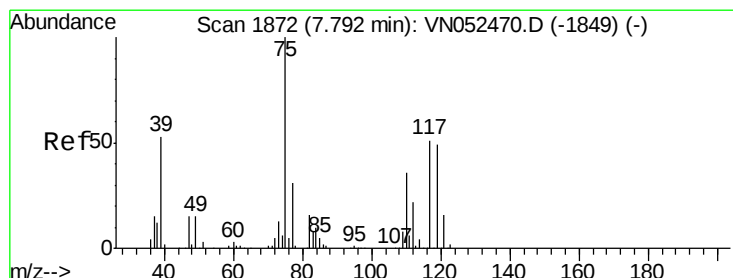
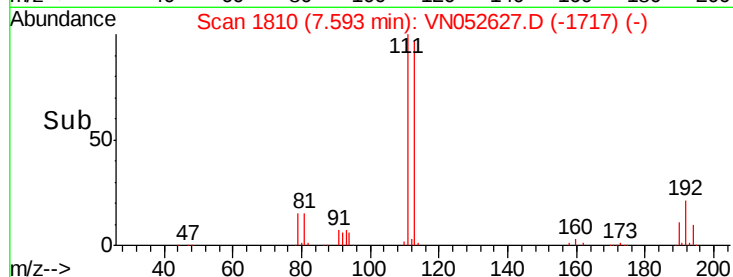
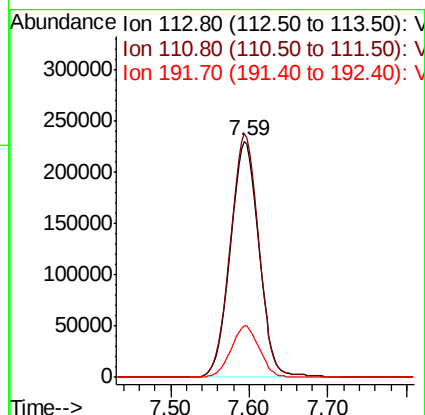
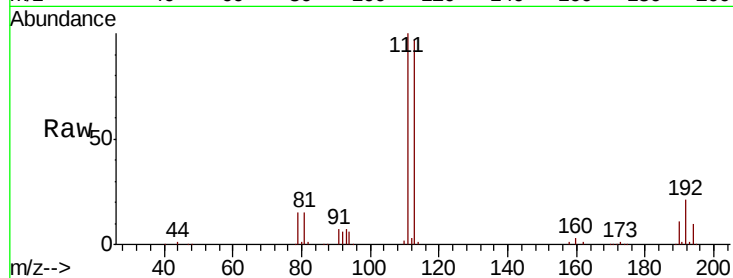




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052627.D
 Acq: 3 Dec 2018 13:07

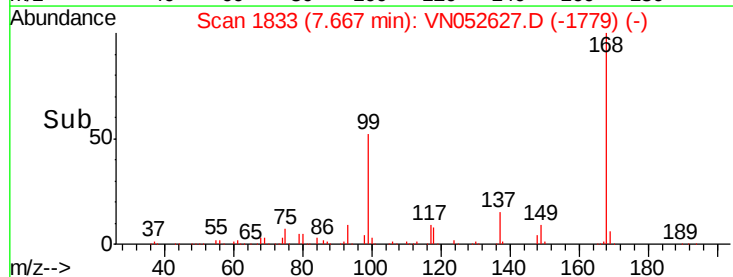
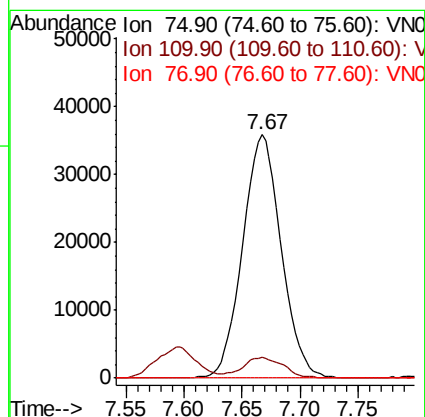
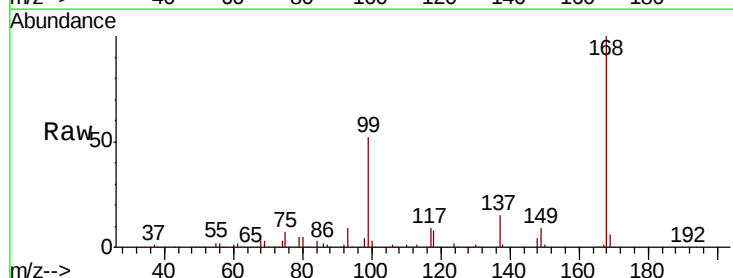
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#04

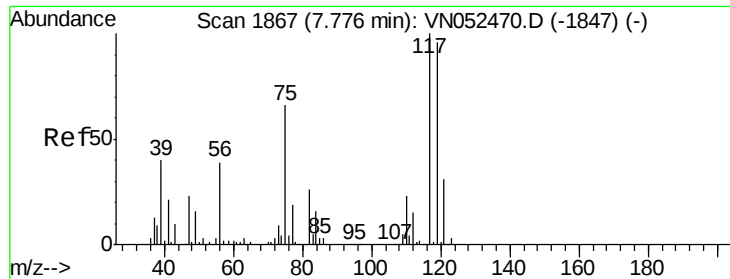
Tot Ion:113 Resp: 582411
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 21.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.650 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052627.D
 Acq: 3 Dec 2018 13:07

Tgt Ion: 75 Resp: 83173
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.5 52.6#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.713 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

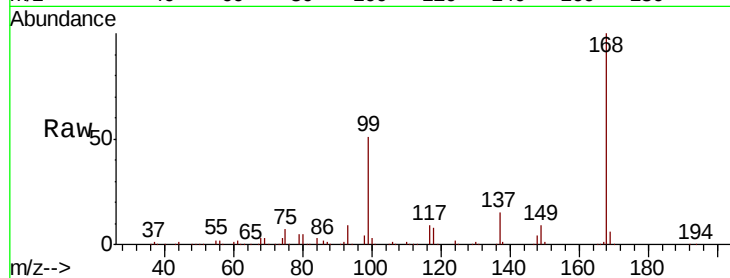
Tot Ion:117 Resp: 108687

Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

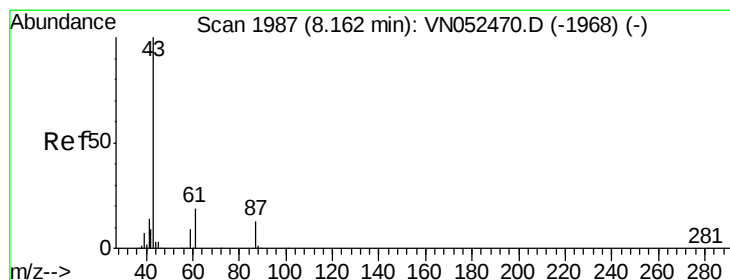
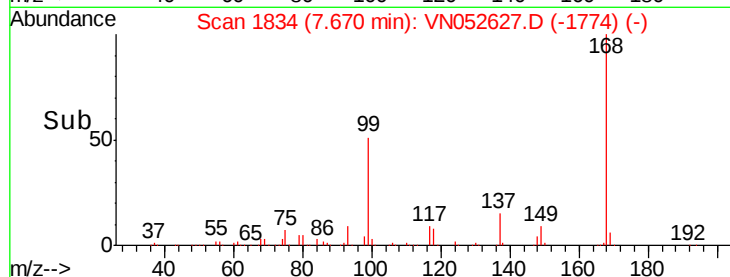
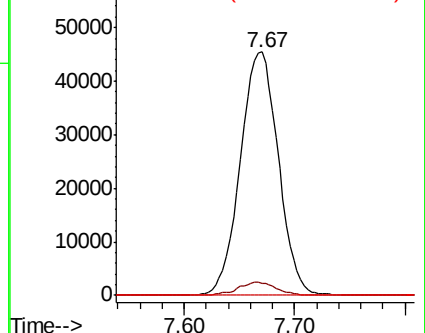
121 0.0 24.9 37.3#



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: 3.360 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

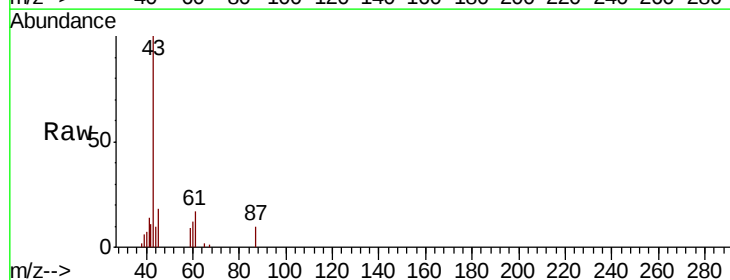
Tgt Ion: 43 Resp: 62059

Ion Ratio Lower Upper

43 100

61 14.9 24.1 36.1#

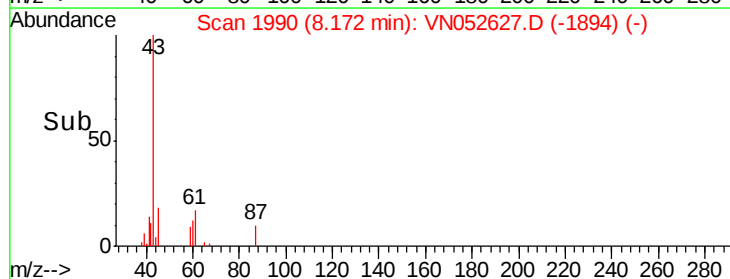
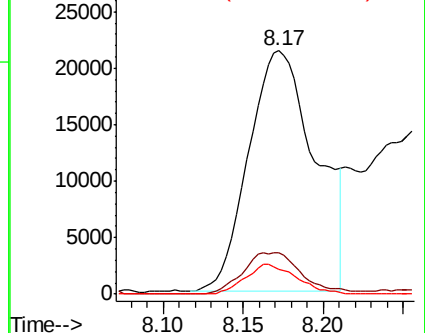
87 9.3 10.6 15.8#

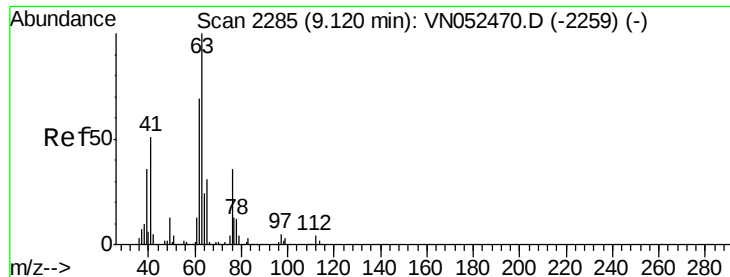


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.223 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

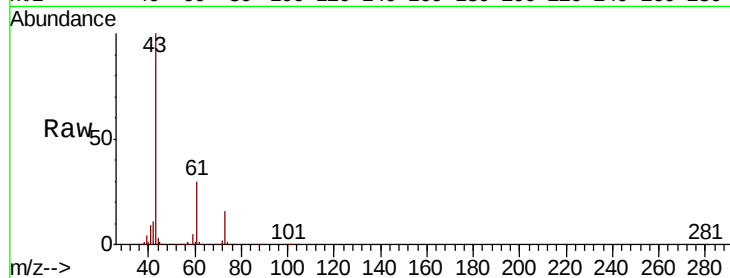
PB115231ZHE#04

Tot Ion: 63 Resp: 3165

Ion Ratio Lower Upper

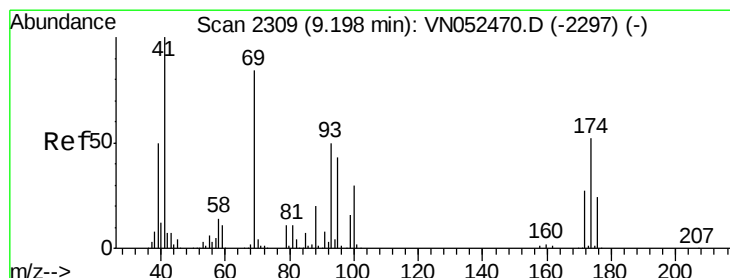
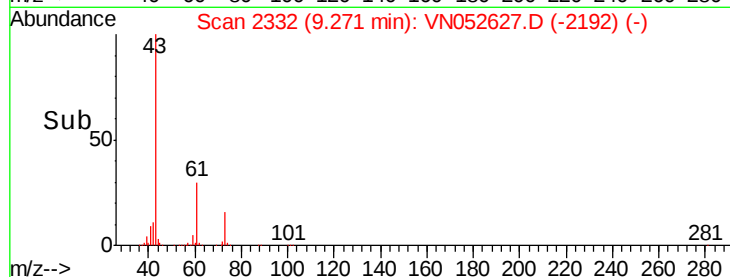
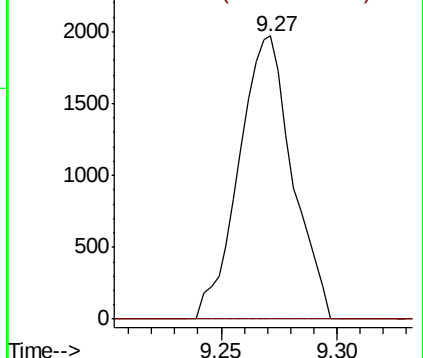
63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.472 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.01 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

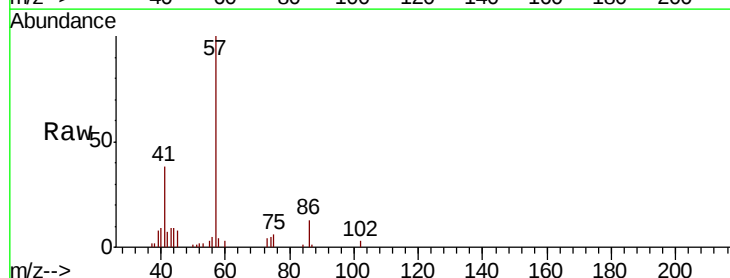
Tgt Ion: 41 Resp: 14173

Ion Ratio Lower Upper

41 100

69 0.0 70.0 105.0#

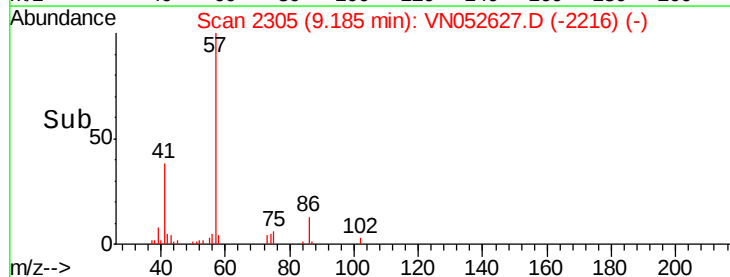
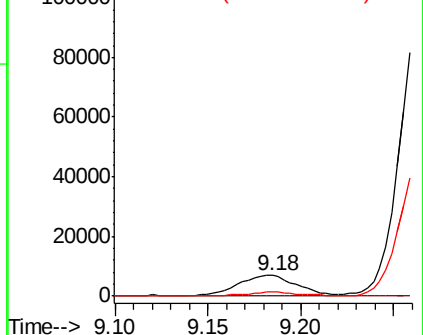
39 0.0 42.6 64.0#

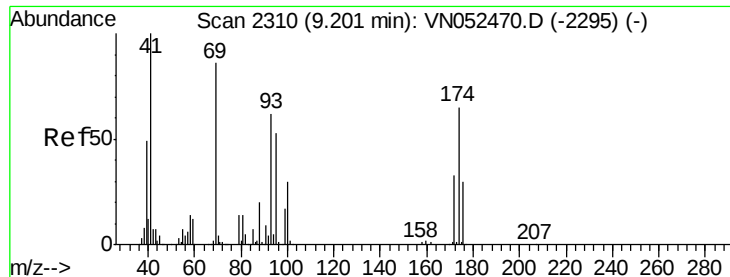


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 3.091 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

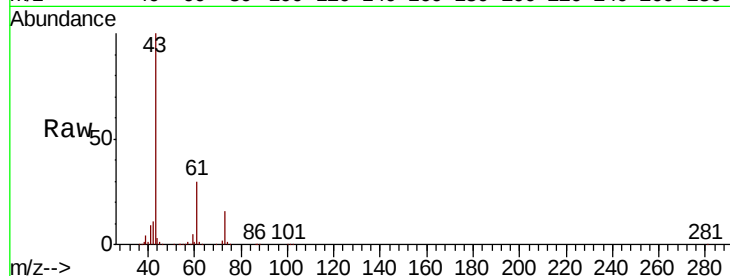
Tot Ion: 88 Resp: 309

Ion Ratio Lower Upper

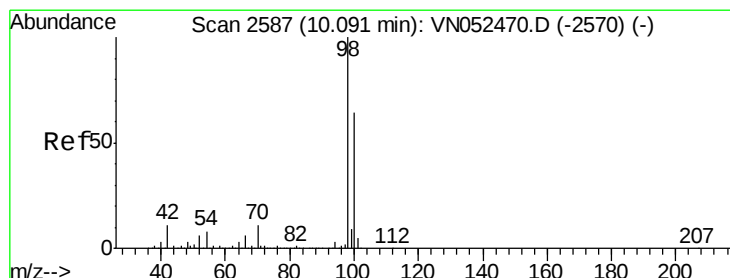
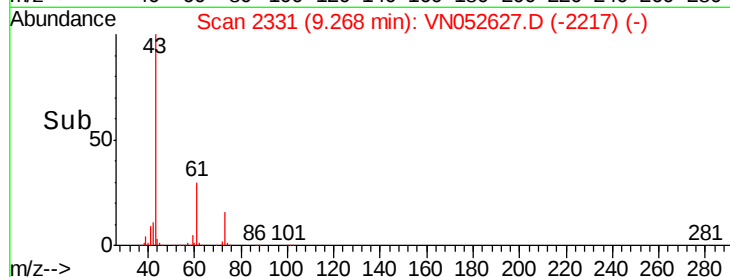
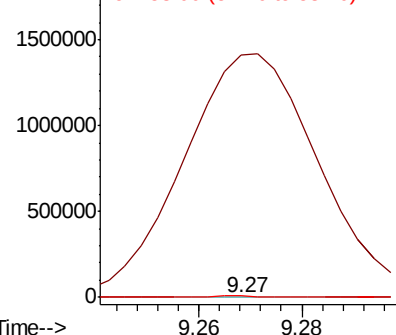
88 100

43 855584.5 26.4 39.6#

58 4033.0 55.4 83.0#



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: 3.091 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052627.D

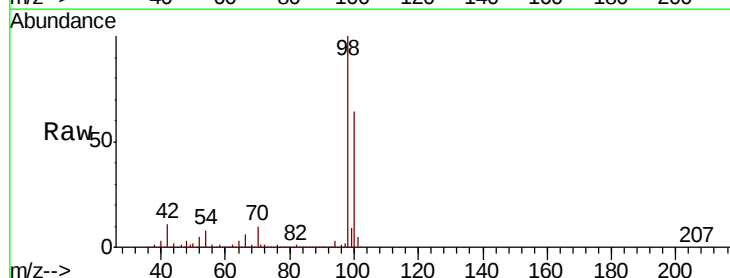
Acq: 3 Dec 2018 13:07

Tgt Ion: 98 Resp: 2308623

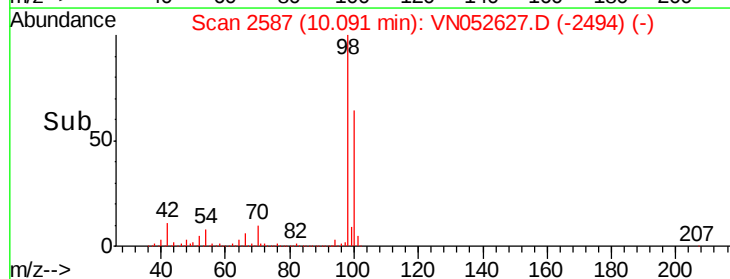
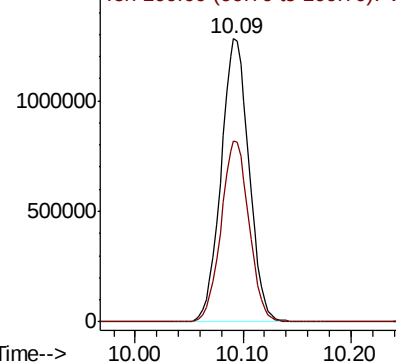
Ion Ratio Lower Upper

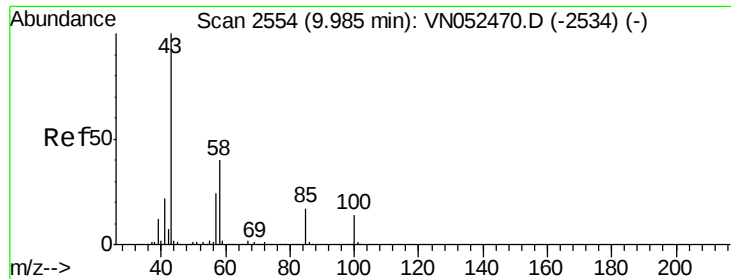
98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#51

4-Methyl-2-Pentanone

Concen: 1.689 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

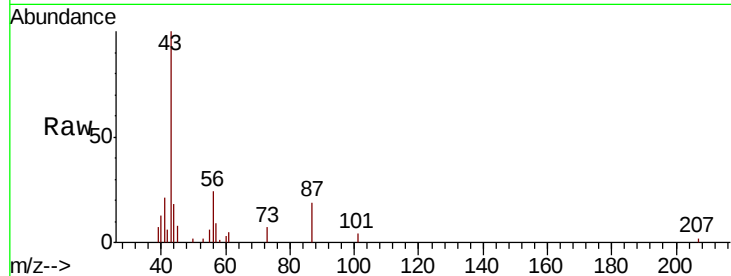
PB115231ZHE#04

Tot Ion: 43 Resp: 17502

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

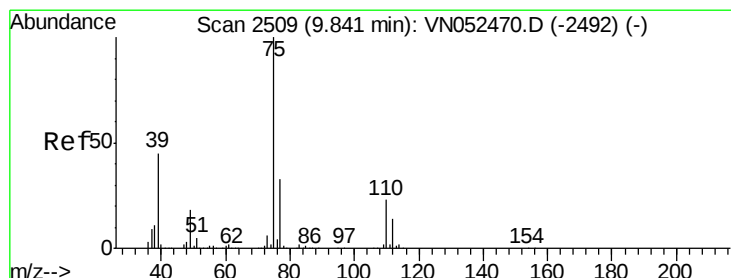
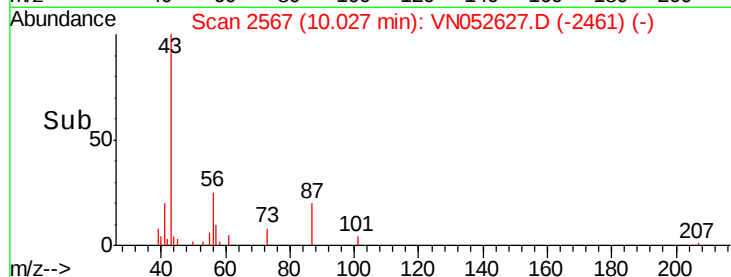
6000

4000

2000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.282 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

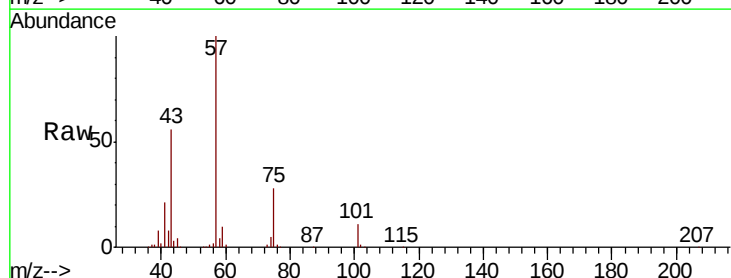
Tgt Ion: 75 Resp: 123525

Ion Ratio Lower Upper

75 100

77 0.6 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

80000

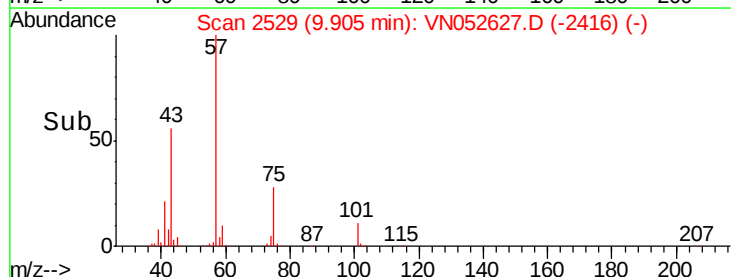
60000

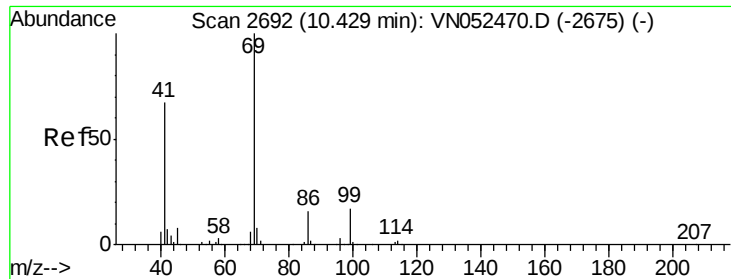
40000

20000

0

Time-->





#56

Ethyl methacrylate

Concen: 2.802 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

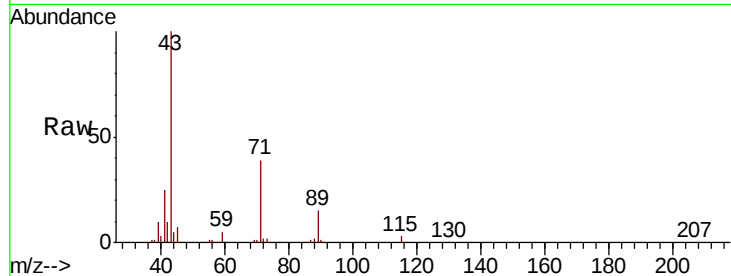
Tot Ion: 69 Resp: 1774

Ion Ratio Lower Upper

69 100

41 5649.1 52.6 79.0#

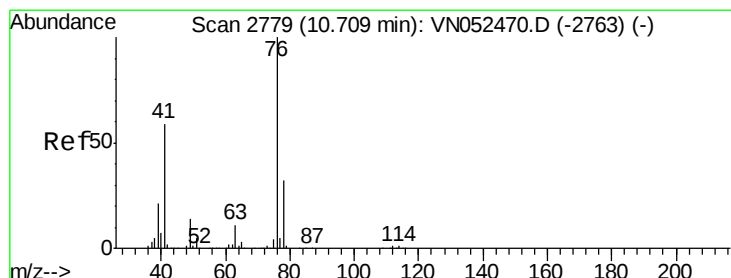
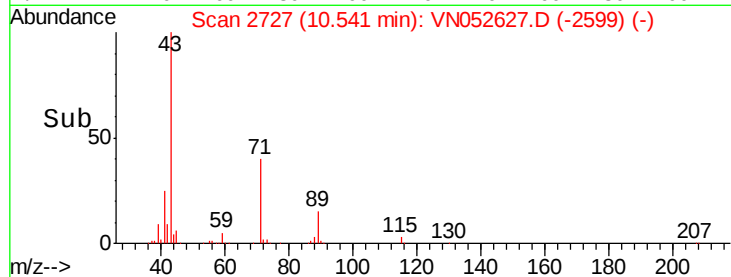
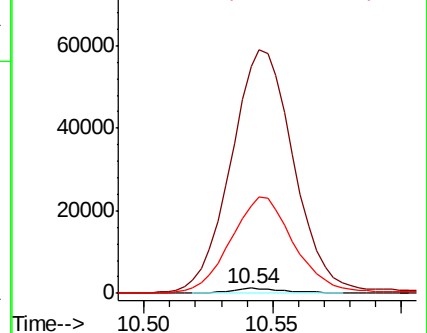
39 2269.6 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN052470.D (-2675) (-)

Ion 41.00 (40.70 to 41.70): VN052470.D (-2675) (-)

Ion 39.00 (38.70 to 39.70): VN052470.D (-2675) (-)



#57

1,3-Dichloropropane

Concen: 1.283 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN052627.D

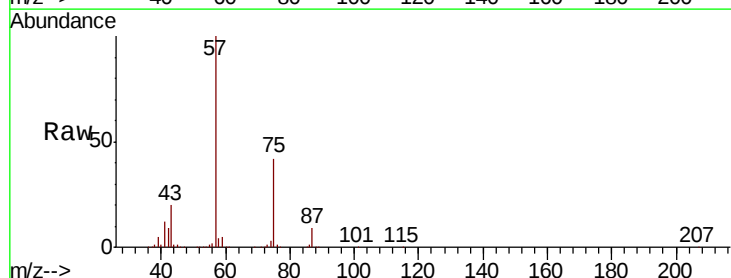
Acq: 3 Dec 2018 13:07

Tgt Ion: 76 Resp: 25228

Ion Ratio Lower Upper

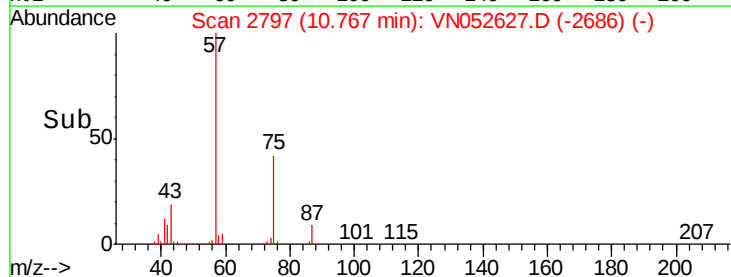
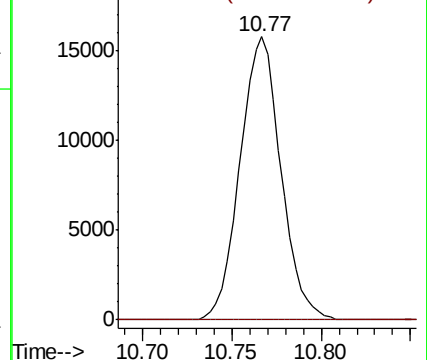
76 100

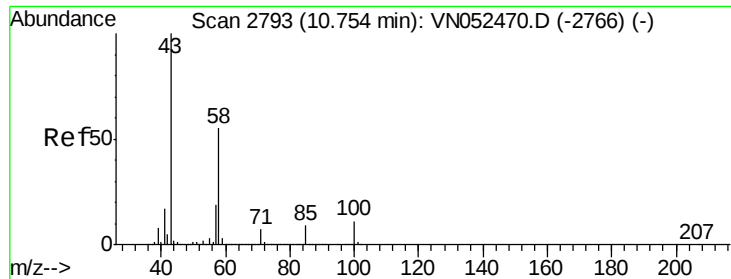
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN052470.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN052470.D (-2763) (-)





#59

2-Hexanone

Concen: 50.055 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

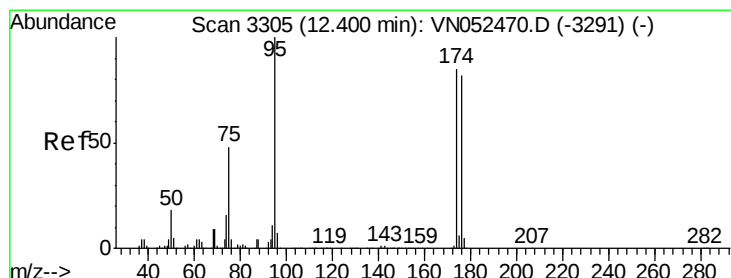
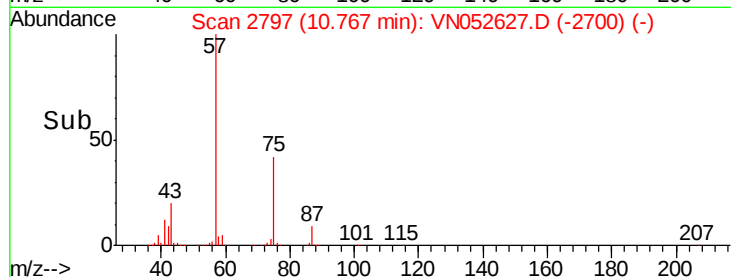
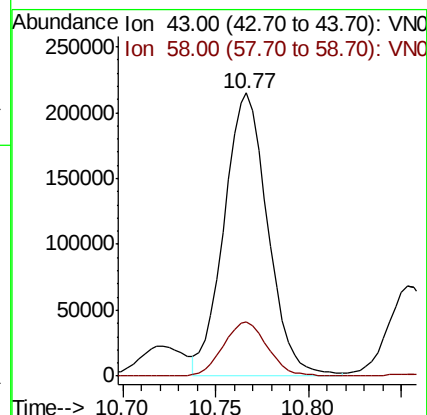
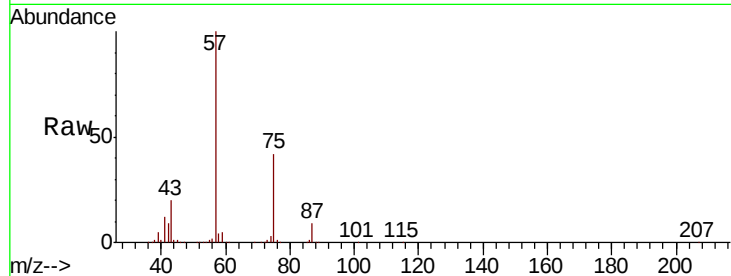
PB115231ZHE#04

Tot Ion: 43 Resp: 348169

Ion Ratio Lower Upper

43 100

58 19.7 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: VN052627.D

Acq: 3 Dec 2018 13:07

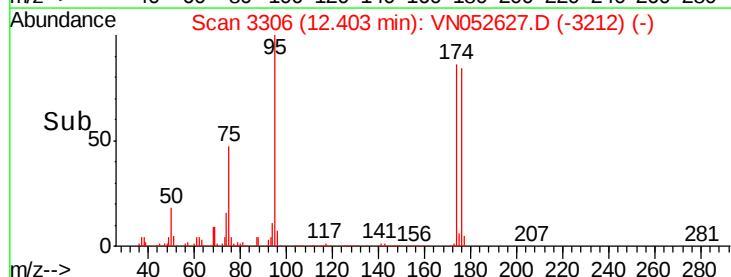
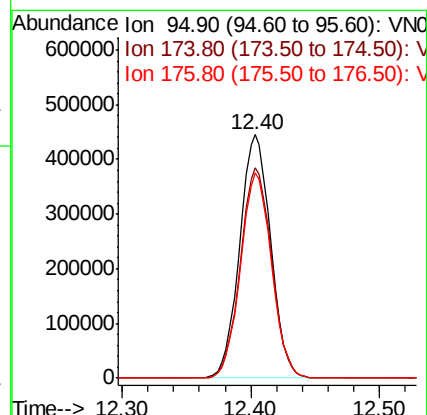
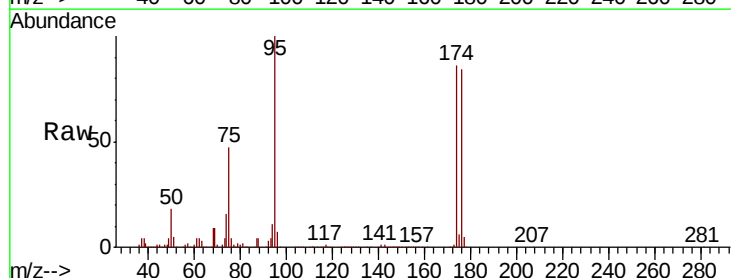
Tgt Ion: 95 Resp: 741690

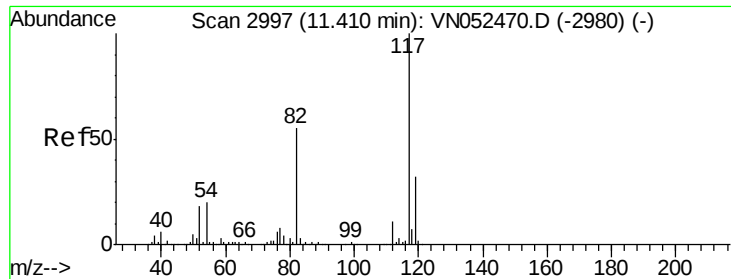
Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.0

176 84.4 0.0 166.2

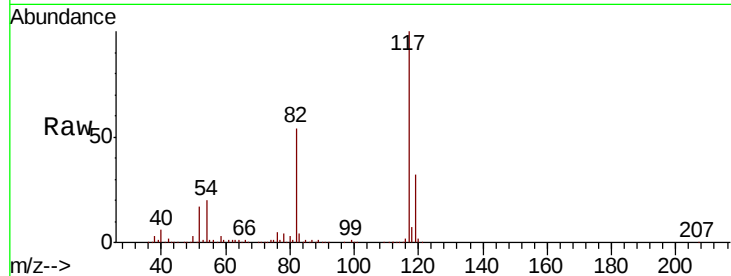




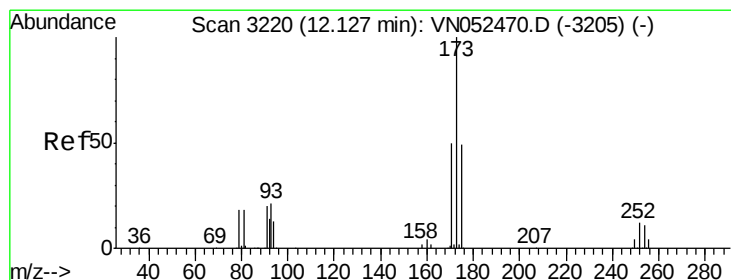
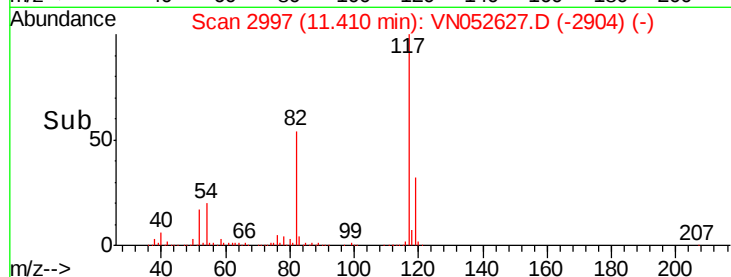
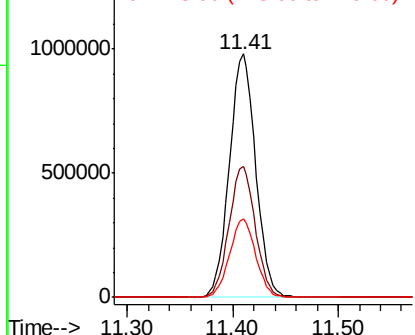
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052627.D
Acq: 3 Dec 2018 13:07

Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#04

Tot Ion:117 Resp: 1684462
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.1 25.4 38.2

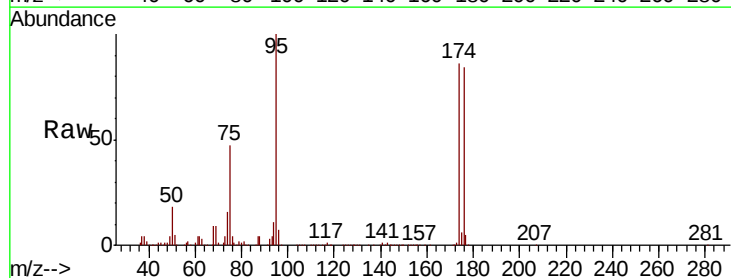


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

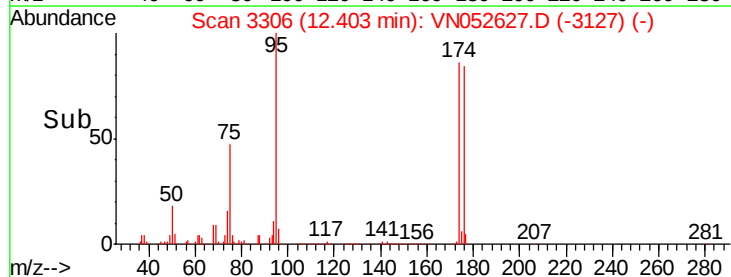
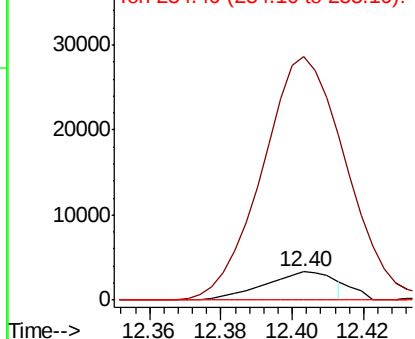


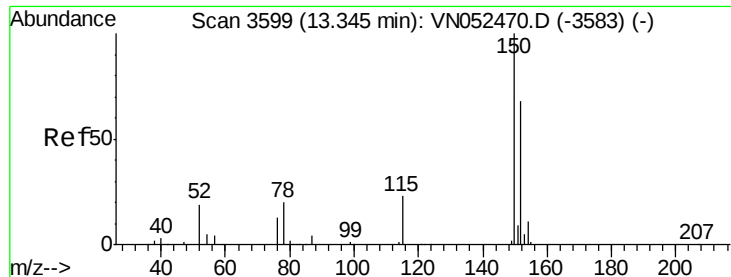
#71
Bromoform
Concen: 0.562 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052627.D
Acq: 3 Dec 2018 13:07

Tgt Ion:173 Resp: 4497
Ion Ratio Lower Upper
173 100
175 868.1 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: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

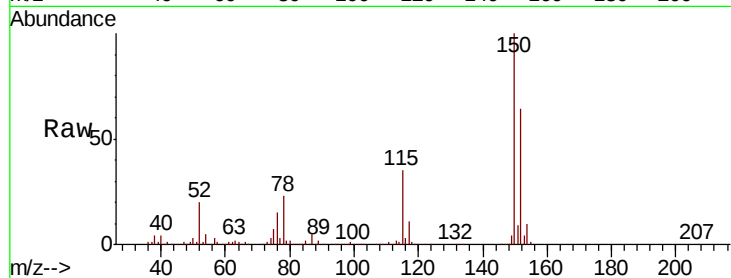
Tot Ion:152 Resp: 642713

Ion Ratio Lower Upper

152 100

115 55.6 28.4 85.2

150 156.4 0.0 346.0

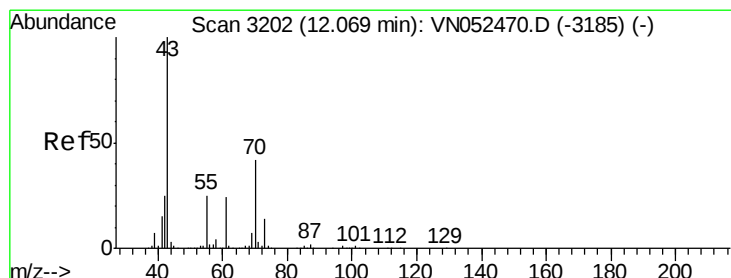
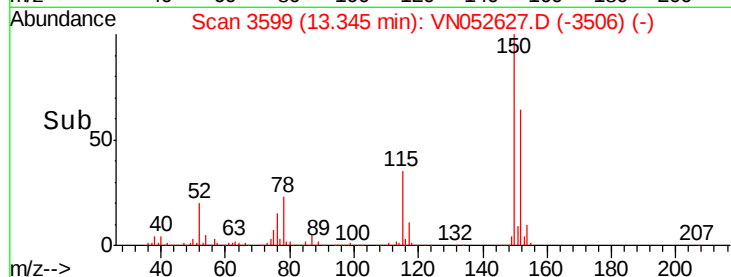
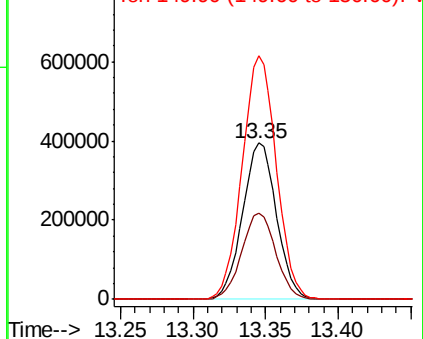


Abundance

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: 3.158 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Tgt Ion: 43 Resp: 40234

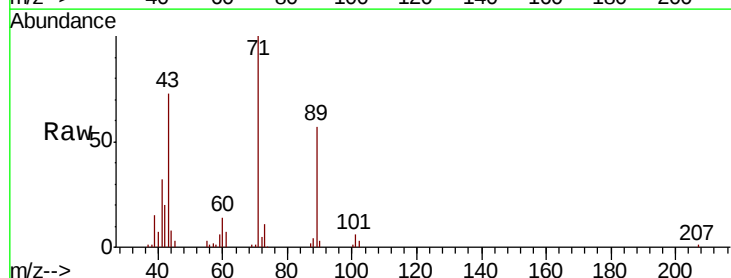
Ion Ratio Lower Upper

43 100

70 1.9 33.8 50.8#

55 4.6 20.0 30.0#

61 10.3 19.7 29.5#



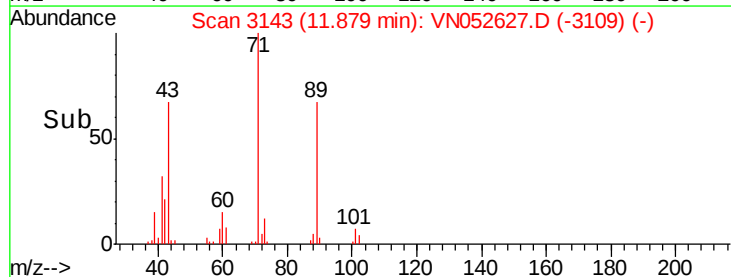
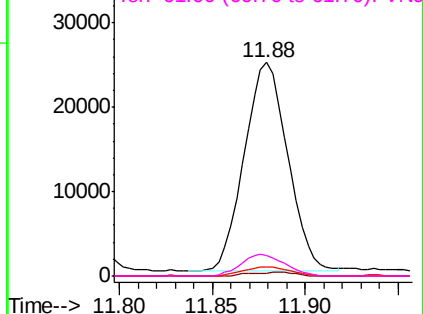
Abundance

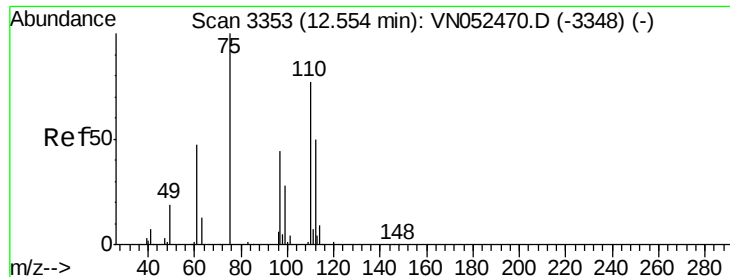
Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC





#76

1,2,3-Trichloropropane

Concen: 35.742 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

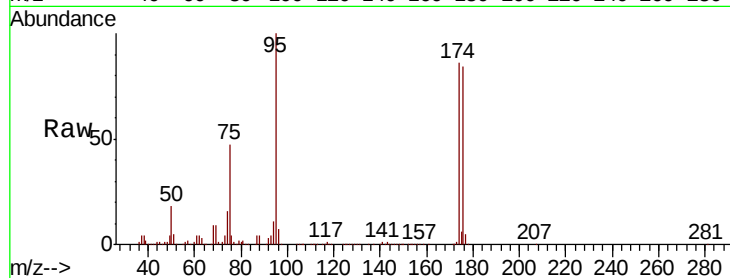
PB115231ZHE#04

Tot Ion: 75 Resp: 354243

Ion Ratio Lower Upper

75 100

77 1.3 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

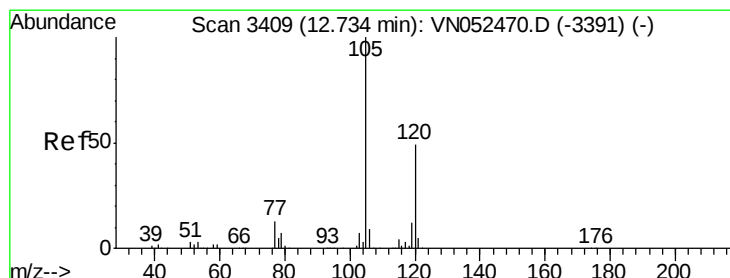
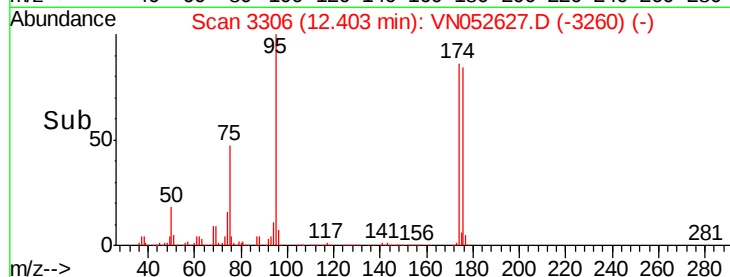
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.757 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052627.D

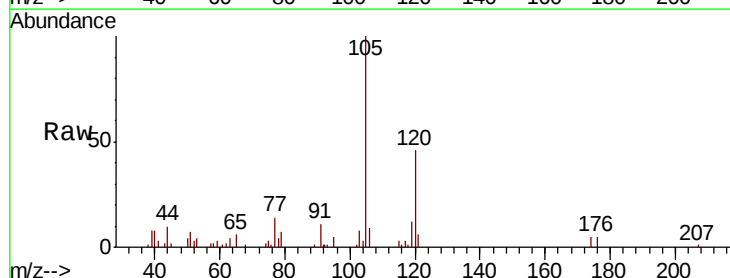
Acq: 3 Dec 2018 13:07

Tgt Ion: 105 Resp: 30461

Ion Ratio Lower Upper

105 100

120 47.5 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

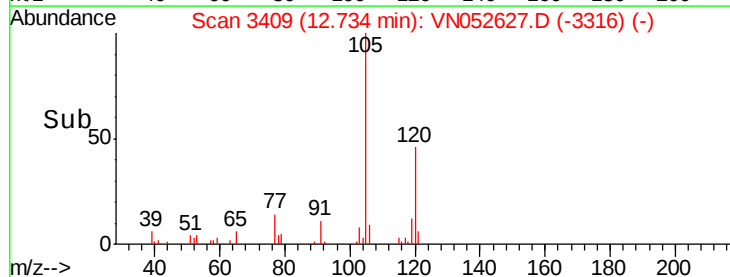
15000

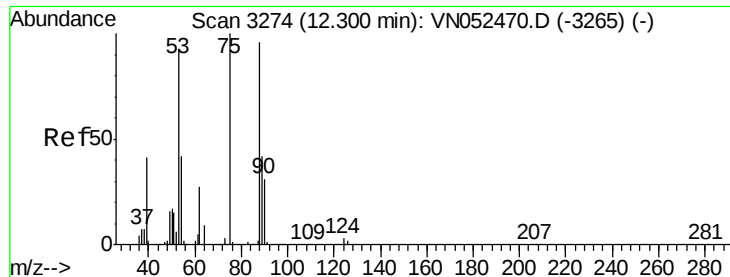
10000

5000

0

Time--> 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 119.363 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

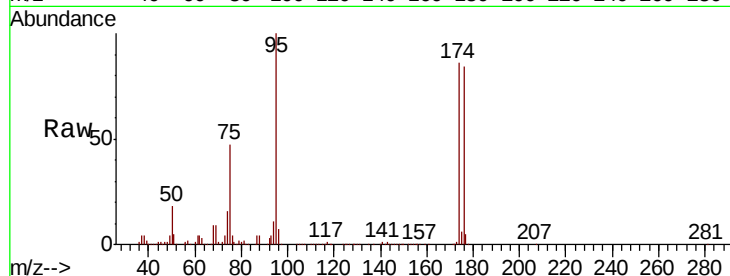
Tot Ion: 75 Resp: 354243

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

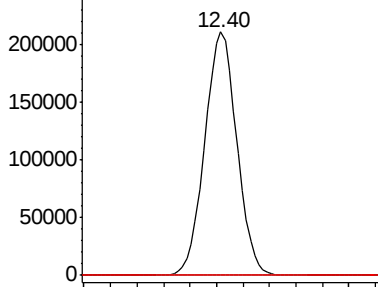
89 0.0 35.4 53.2#



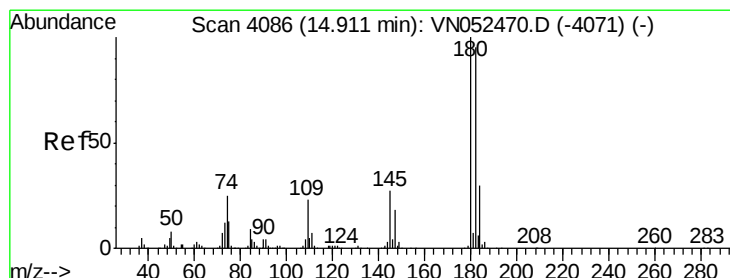
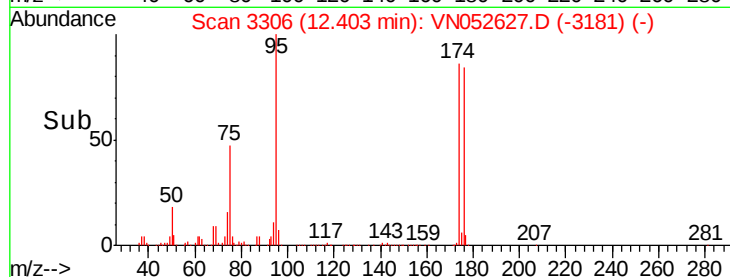
Abundance Ion 74.90 (74.60 to 75.60): VN052627.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052627.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052627.D (-3181) (-)



Time--> 12.30 12.40 12.50



#93

1,2,4-Trichlorobenzene

Concen: 2.841 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

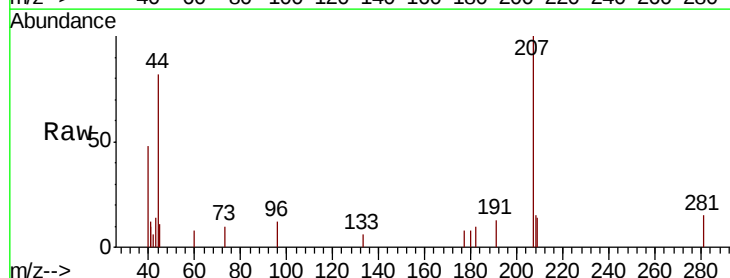
Tgt Ion: 180 Resp: 137

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.4#

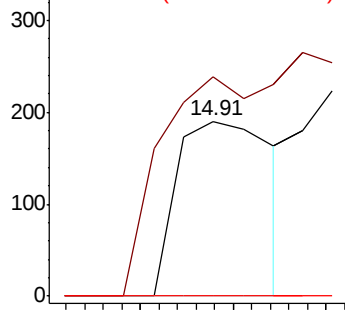
145 0.0 14.1 42.3#



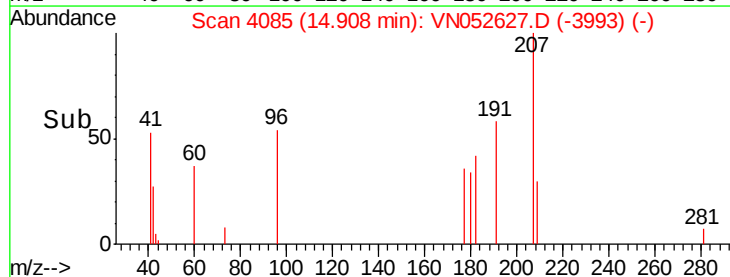
Abundance Ion 179.80 (179.50 to 180.50): VN052627.D (-3993) (-)

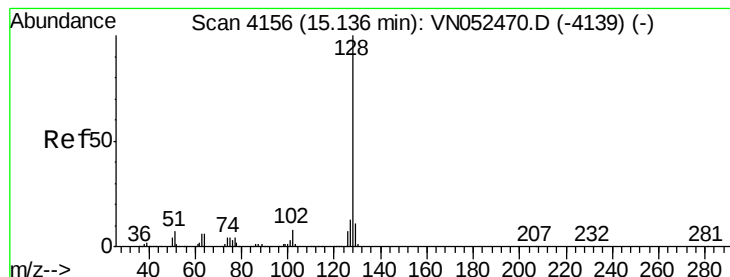
Ion 181.80 (181.50 to 182.50): VN052627.D (-3993) (-)

Ion 144.80 (144.50 to 145.50): VN052627.D (-3993) (-)



Time--> 14.90 14.91





#95

Naphthalene

Concen: 3.457 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

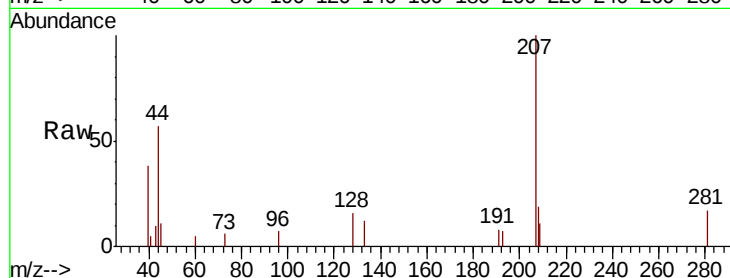
Tot Ion:128 Resp: 744

Ion Ratio Lower Upper

128 100

127 14.5 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

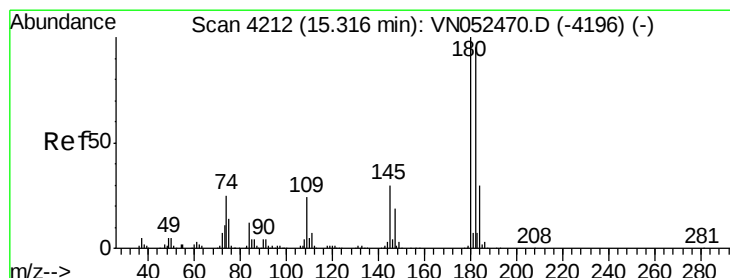
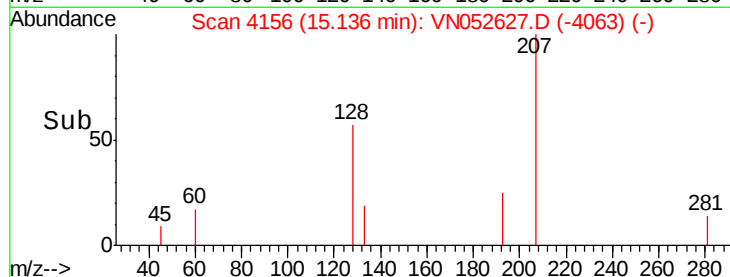
15.14

400

200

0

Time--> 15.10 15.15



#96

1,2,3-Trichlorobenzene

Concen: 2.760 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

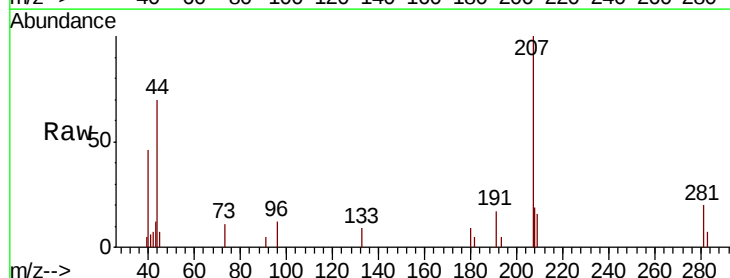
Tgt Ion:180 Resp: 369

Ion Ratio Lower Upper

180 100

182 16.3 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

15.32

300

200

100

0

Time--> 15.28 15.30 15.32 15.34

