

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052801.D
 Acq On : 11 Dec 2018 14:48
 Operator : MD\SY
 Sample : PB115504ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#06

Quant Time: Dec 12 00:28:19 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	1164120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1830019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1651756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	687321	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	613695	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	7.59	113	514504	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
50) Toluene-d8	10.09	98	2245179	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	737883	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	

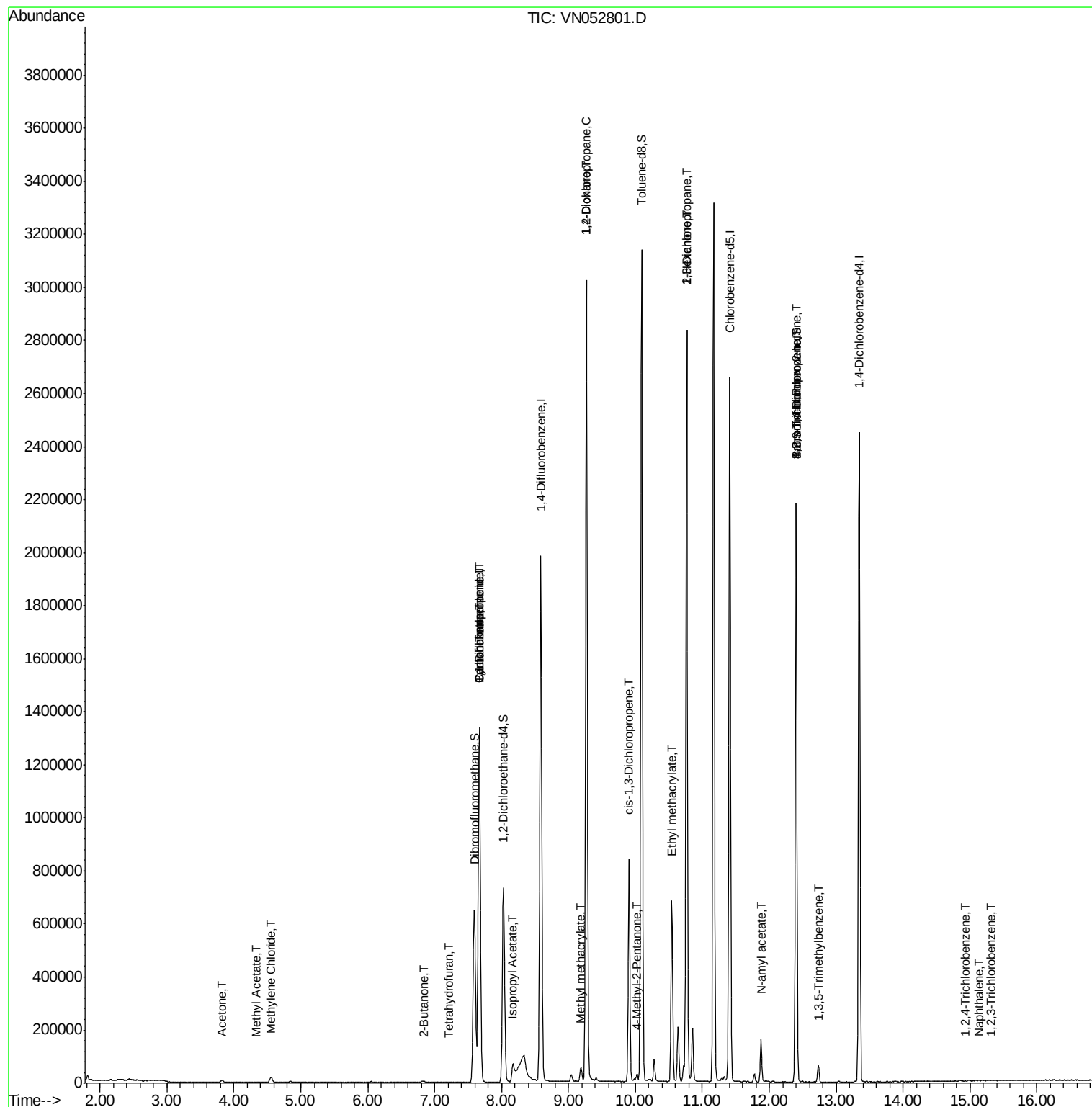
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	15712	4.700	ug/l	95
18) Methyl Acetate	4.32	43	5006	0.522	ug/l #	88
20) Methylene Chloride	4.55	84	14522	1.110	ug/l	95
25) 2-Butanone	6.84	43	1867	0.394	ug/l	91
29) Tetrahydrofuran	7.20	42	696	0.228	ug/l #	43
31) Cyclohexane	7.67	56	20168	0.563	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	78629	4.550	ug/l #	49
38) Carbon Tetrachloride	7.67	117	104394	6.673	ug/l #	16
43) Isopropyl Acetate	8.17	43	95761	5.365	ug/l #	72
45) 1,2-Dichloropropane	9.27	63	4051	0.296	ug/l #	43
48) Methyl methacrylate	9.18	41	18208	1.956	ug/l #	13
49) 1,4-Dioxane	9.26	88	422	4.369	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	21326	2.130	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	157418	8.286	ug/l #	60
56) Ethyl methacrylate	10.54	69	2134	2.828	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	29781	1.567	ug/l #	43
59) 2-Hexanone	10.77	43	405615	60.351	ug/l #	51
71) Bromoform	12.41	173	4554	0.581	ug/l #	1
74) N-amyl acetate	11.88	43	51013	3.744	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	351381	33.153	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	34642	0.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	351381	110.714	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.92	180	37	2.832	ug/l #	12
95) Naphthalene	15.13	128	877	3.460	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	29	2.729	ug/l #	80

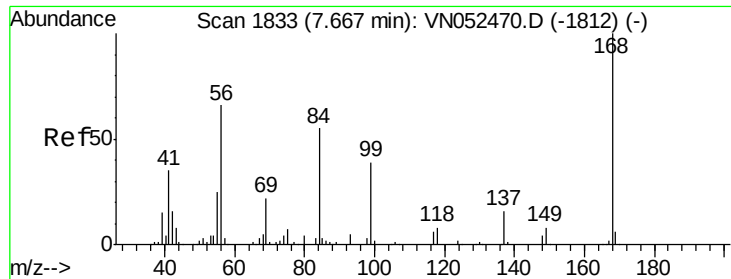
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\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: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

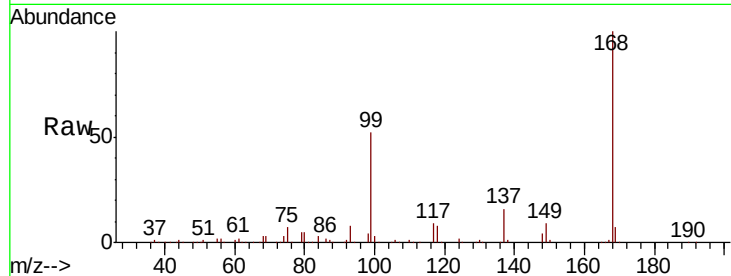
PB115504ZHE#06

Tot Ion:168 Resp: 1164120

Ion Ratio Lower Upper

168 100

99 51.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052801.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052801.D (-1740) (-)

7.67

500000

400000

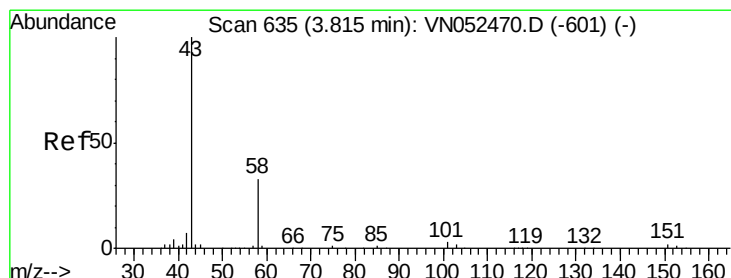
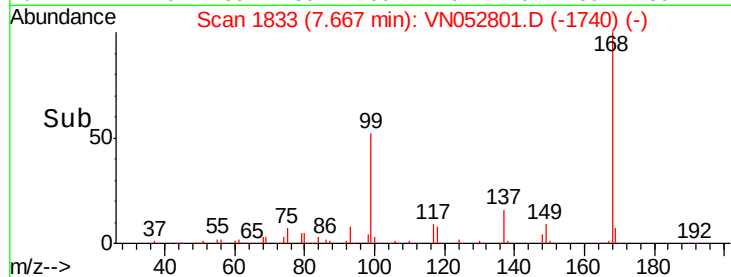
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.700 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052801.D

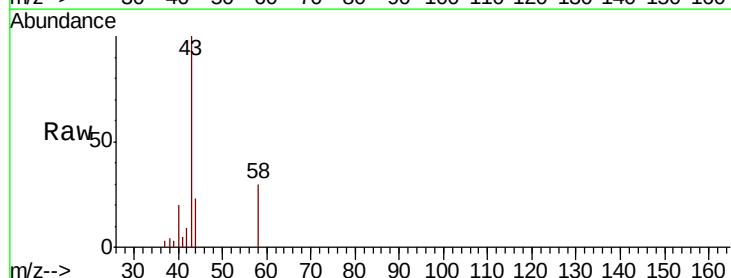
Acq: 11 Dec 2018 14:48

Tgt Ion: 43 Resp: 15712

Ion Ratio Lower Upper

43 100

58 29.8 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052801.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052801.D (-542) (-)

3.82

6000

5000

4000

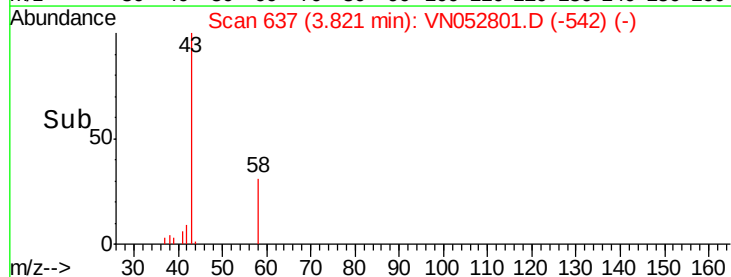
3000

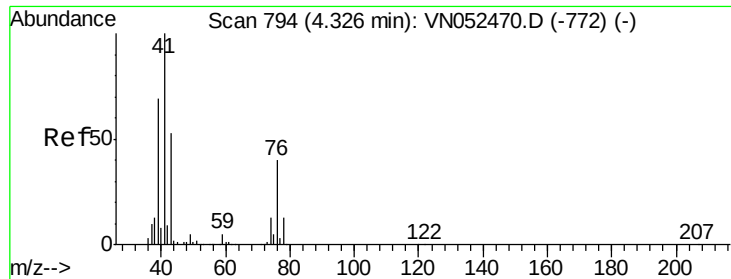
2000

1000

0

Time-->

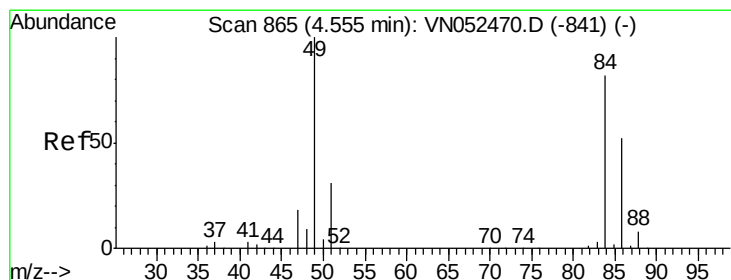
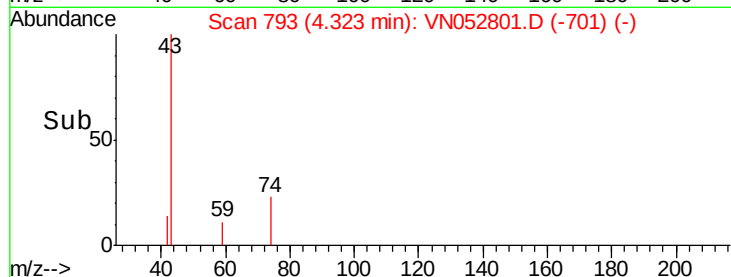
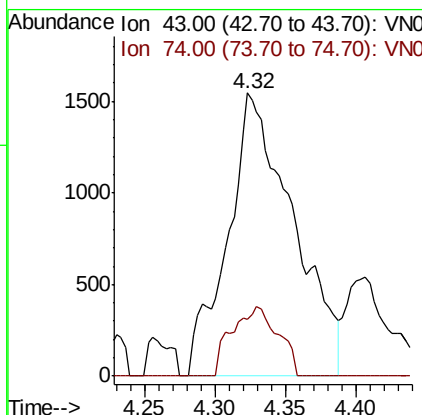
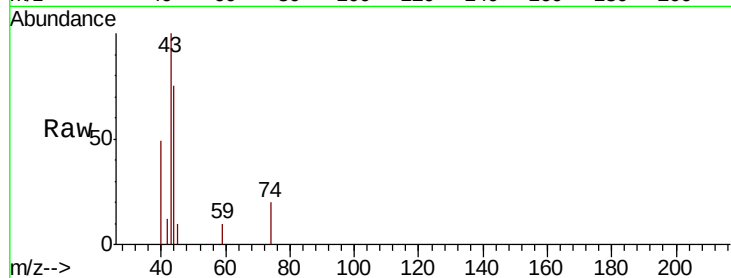




#18
Methyl Acetate
Concen: 0.522 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

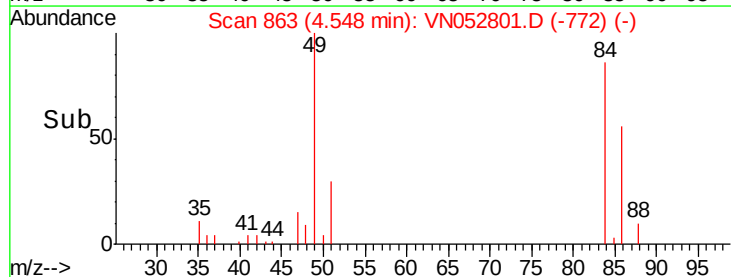
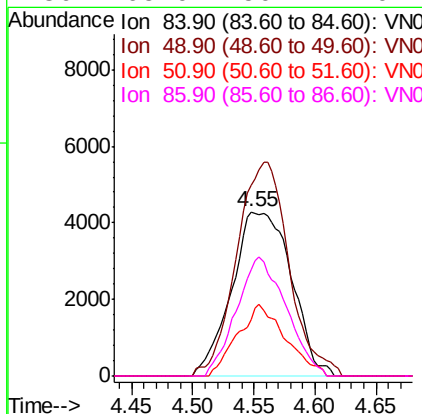
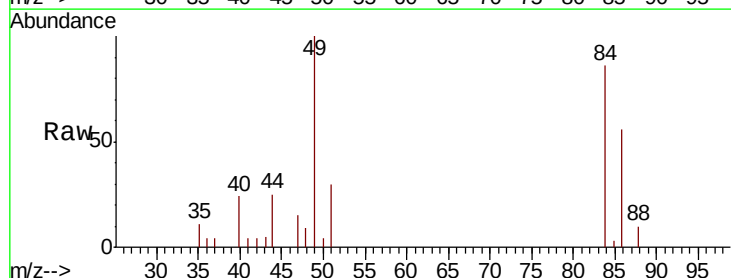
Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#06

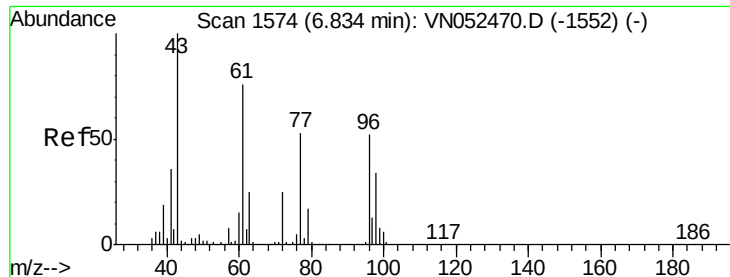
Tot Ion: 43 Resp: 5006
Ion Ratio Lower Upper
43 100
74 17.4 18.6 27.8#



#20
Methylene Chloride
Concen: 1.110 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Tgt Ion: 84 Resp: 14522
Ion Ratio Lower Upper
84 100
49 116.1 98.0 147.0
51 34.5 30.1 45.1
86 65.0 50.7 76.1





#25

2-Butanone

Concen: 0.394 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

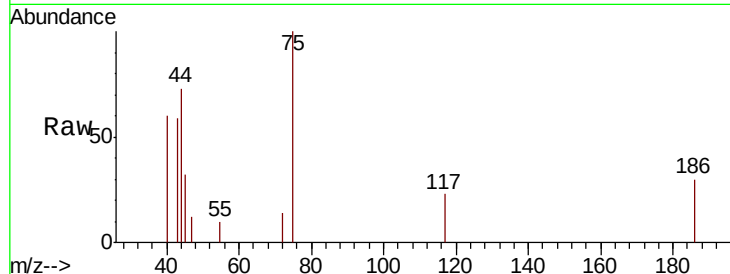
PB115504ZHE#06

Tot Ion: 43 Resp: 1867

Ion Ratio Lower Upper

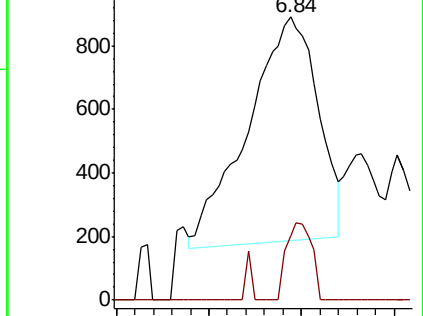
43 100

72 29.4 20.1 30.1

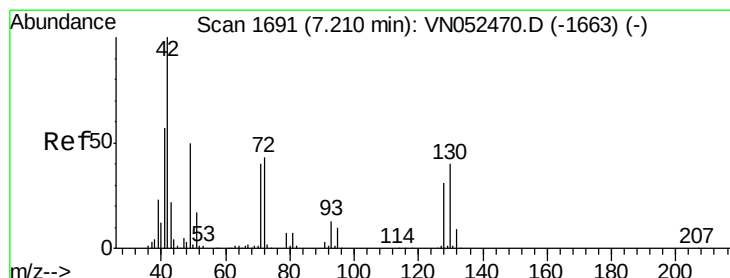
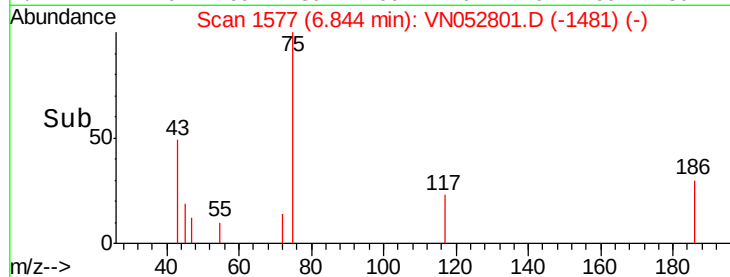


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time--> 6.75 6.80 6.85



#29

Tetrahydrofuran

Concen: 0.228 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

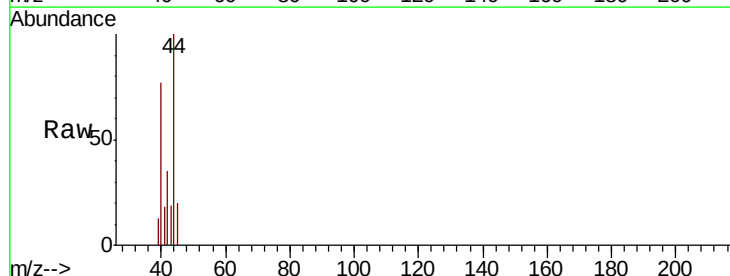
Tgt Ion: 42 Resp: 696

Ion Ratio Lower Upper

42 100

72 0.0 33.3 49.9#

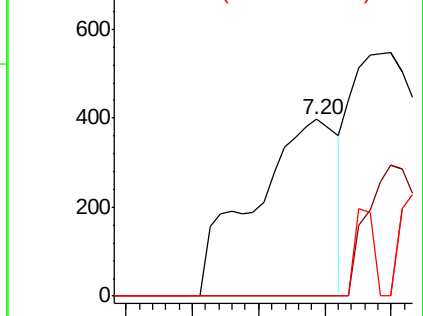
71 10.6 32.0 48.0#



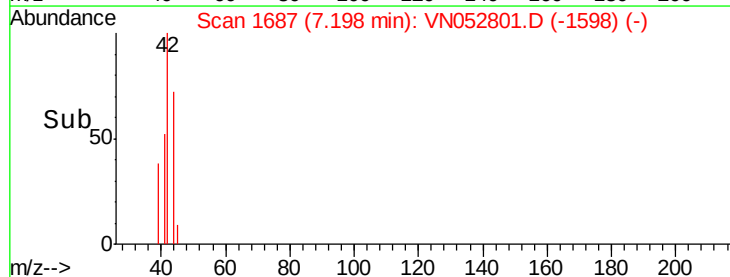
Abundance Ion 42.00 (41.70 to 42.70): VN0

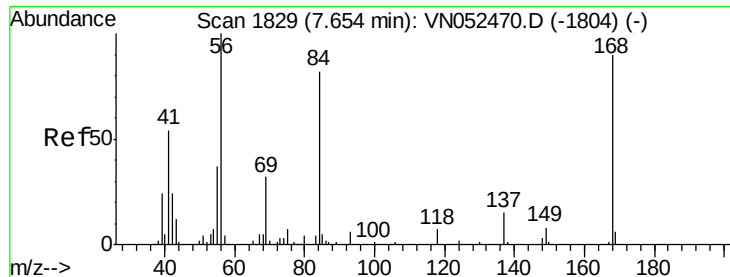
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time--> 7.14 7.16 7.18 7.20 7.22

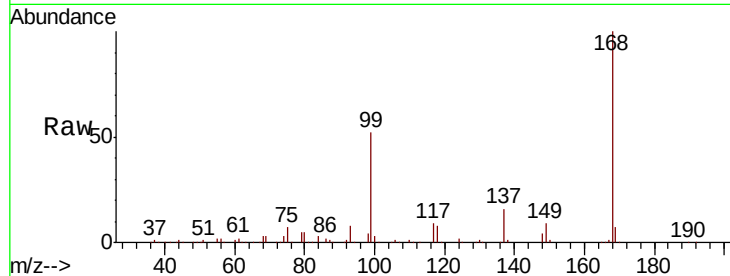




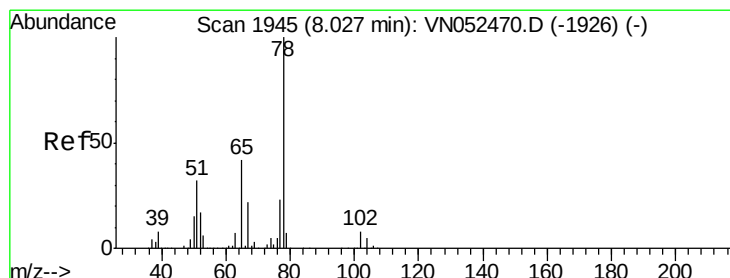
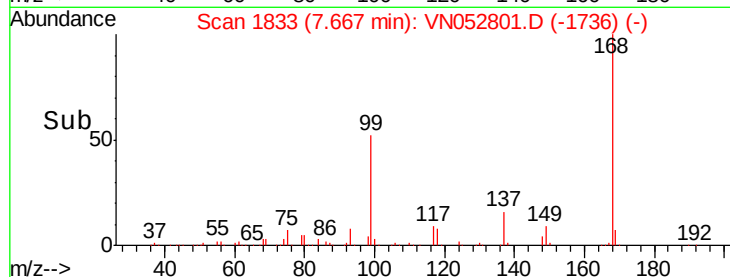
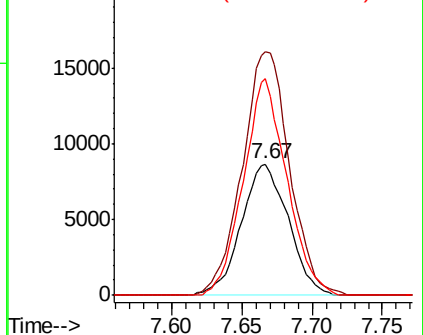
#31
Cyclohexane
Concen: 0.563 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#06

Tot Ion: 56 Resp: 20168
Ion Ratio Lower Upper
56 100
69 185.1 25.8 38.6#
84 164.4 65.3 97.9#

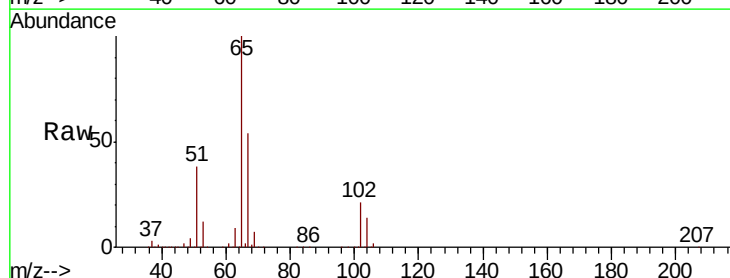


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

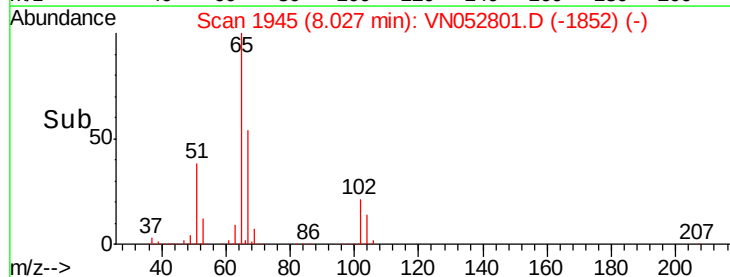
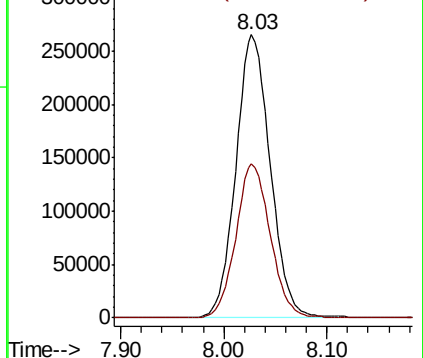


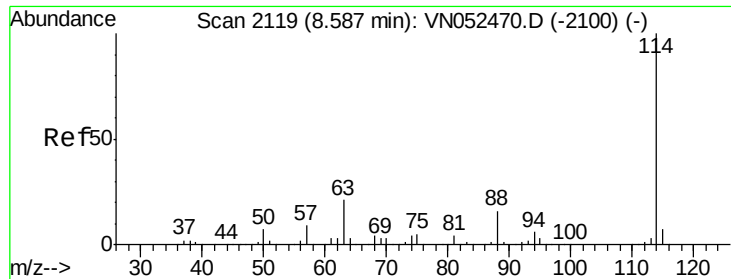
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Tgt Ion: 65 Resp: 613695
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.8



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

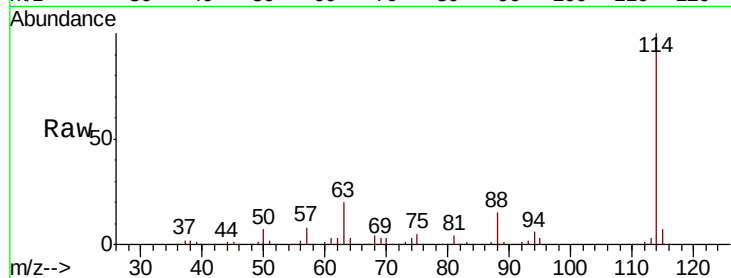




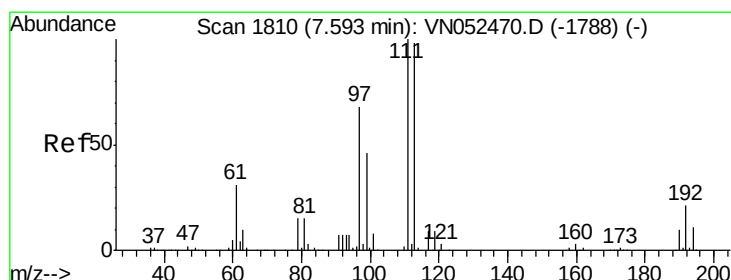
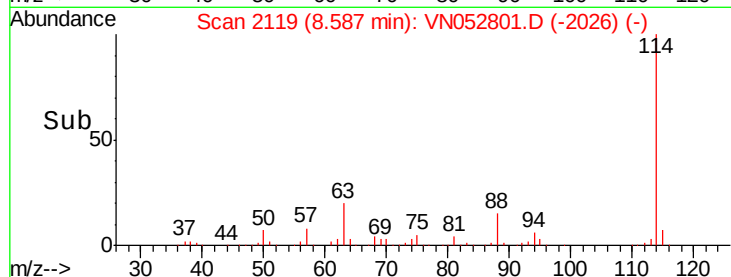
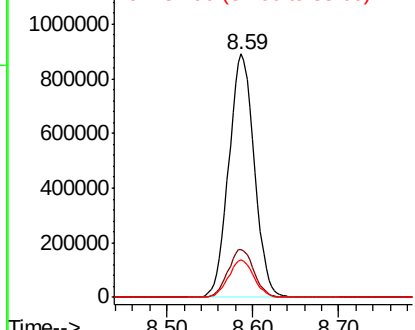
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052801.D
 Acq: 11 Dec 2018 14:48

Instrument :
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 ClientSampleId :
 PB115504ZHE#06

Tot Ion:114 Resp: 1830019
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.8
 88 15.4 0.0 31.6

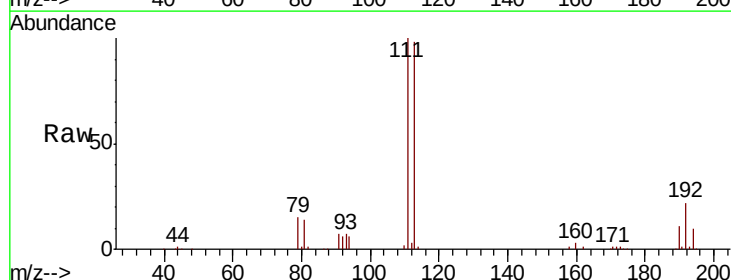


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

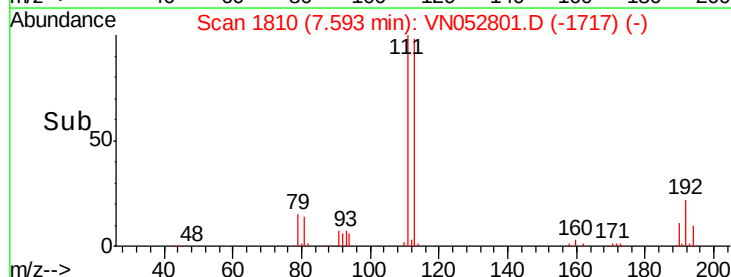
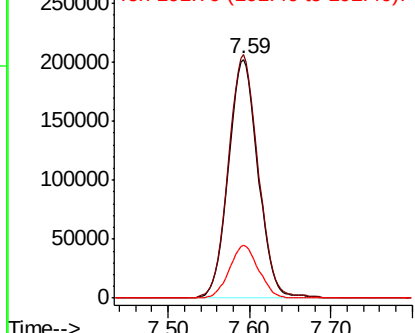


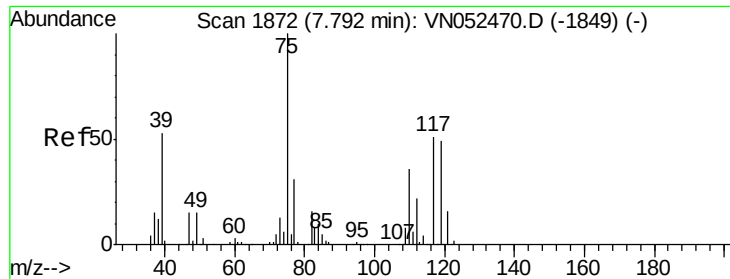
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052801.D
 Acq: 11 Dec 2018 14:48

Tgt Ion:113 Resp: 514504
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 21.8 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.550 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#06

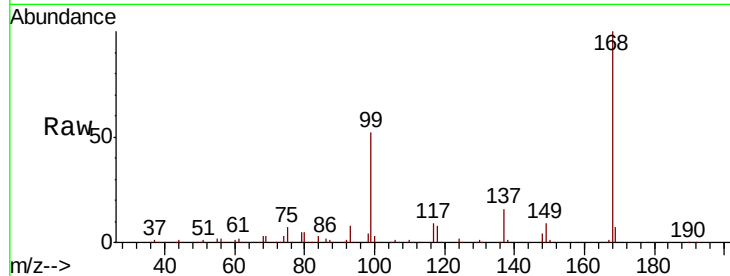
Tot Ion: 75 Resp: 78629

Ion Ratio Lower Upper

75 100

110 8.1 17.5 52.6#

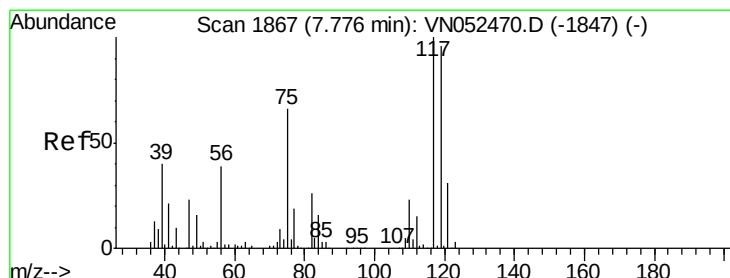
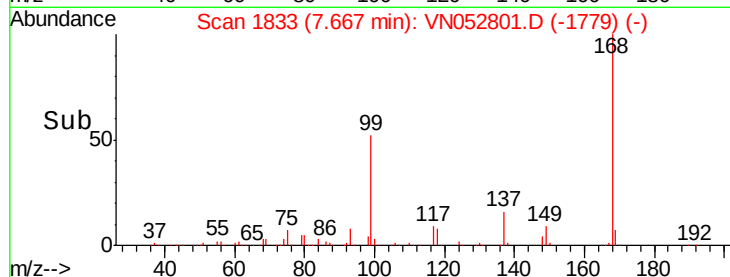
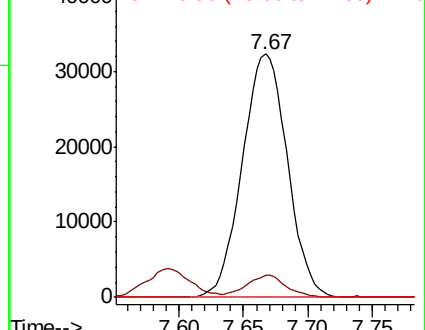
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN052801.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN052801.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN052801.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 6.673 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

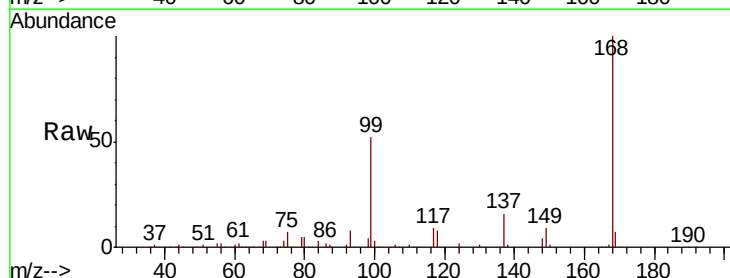
Tgt Ion: 117 Resp: 104394

Ion Ratio Lower Upper

117 100

119 5.3 76.8 115.2#

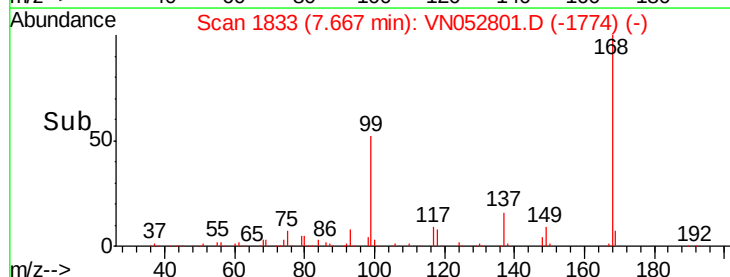
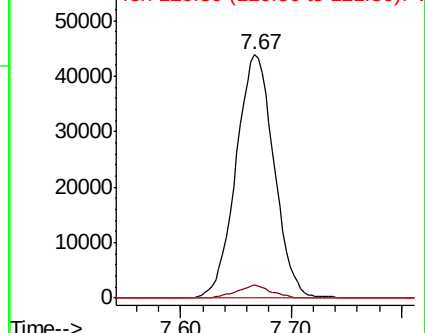
121 0.0 24.9 37.3#

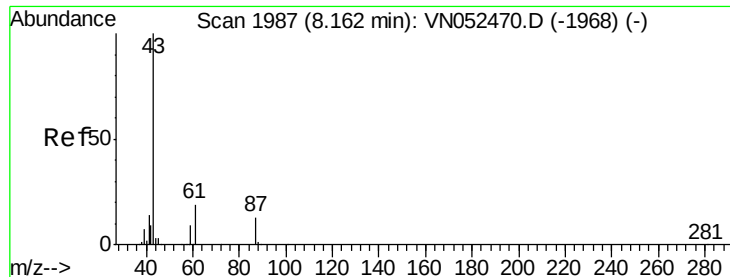


Abundance Ion 116.80 (116.50 to 117.50): VN052801.D (-1774) (-)

Ion 118.80 (118.50 to 119.50): VN052801.D (-1774) (-)

Ion 120.80 (120.50 to 121.50): VN052801.D (-1774) (-)





#43

Isopropyl Acetate

Concen: 5.365 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#06

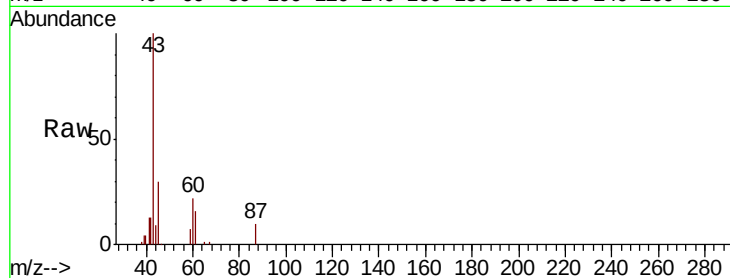
Tot Ion: 43 Resp: 95761

Ion Ratio Lower Upper

43 100

61 11.7 24.1 36.1#

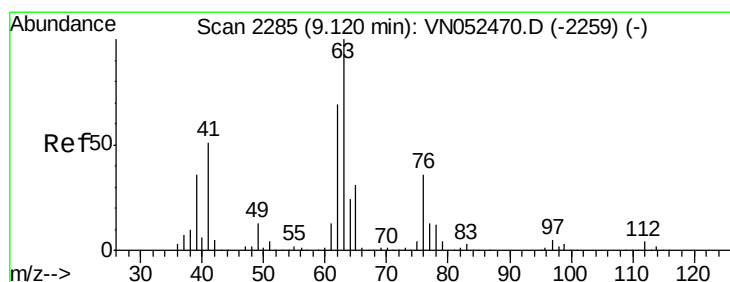
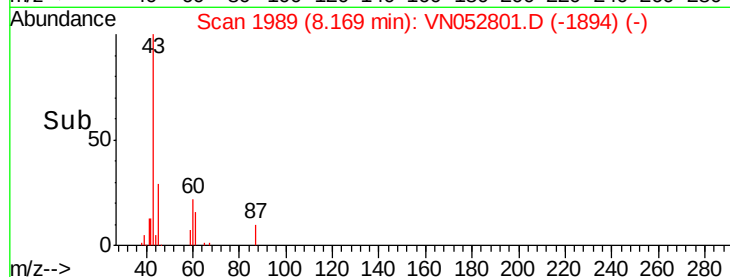
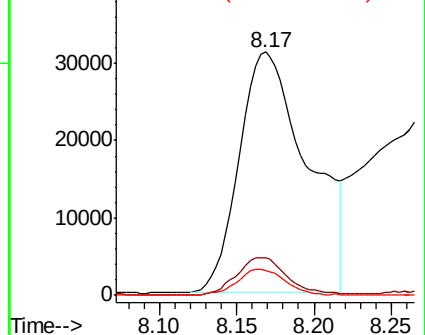
87 7.5 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.296 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN052801.D

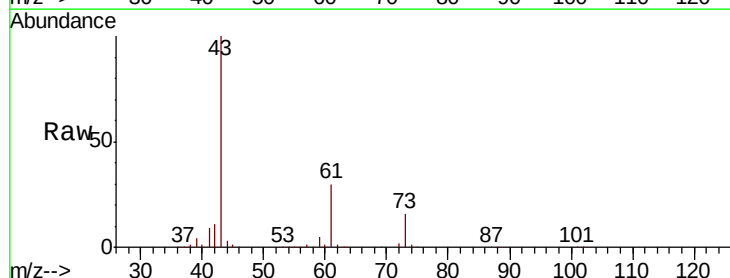
Acq: 11 Dec 2018 14:48

Tgt Ion: 63 Resp: 4051

Ion Ratio Lower Upper

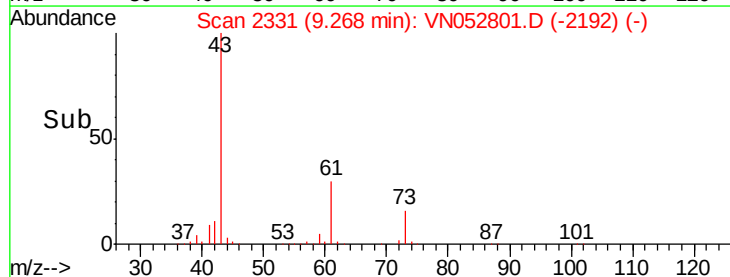
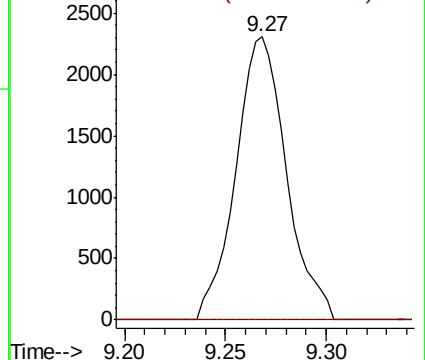
63 100

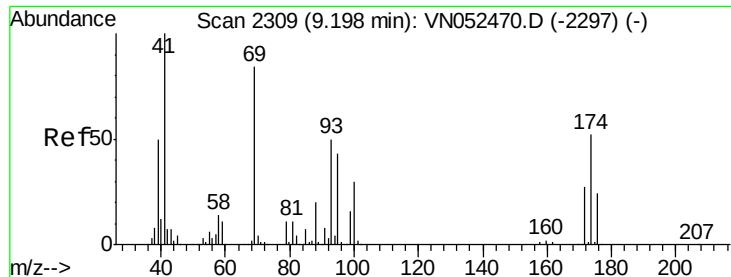
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

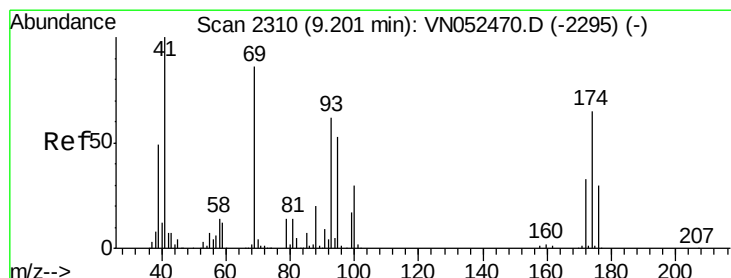
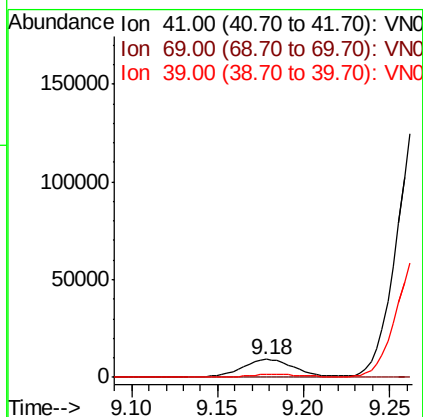
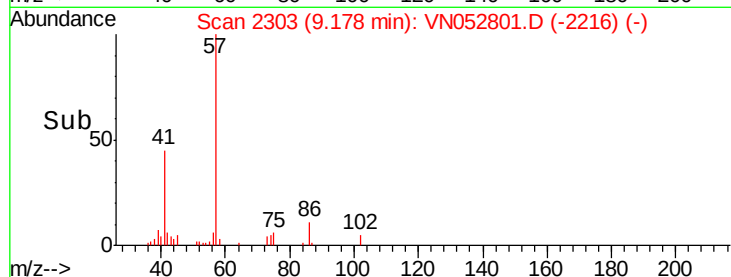
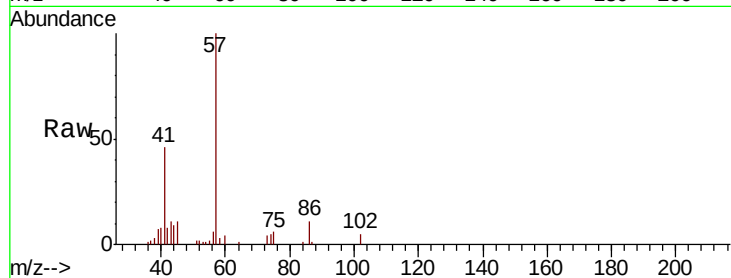




#48
Methvl methacrylate
Concen: 1.956 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

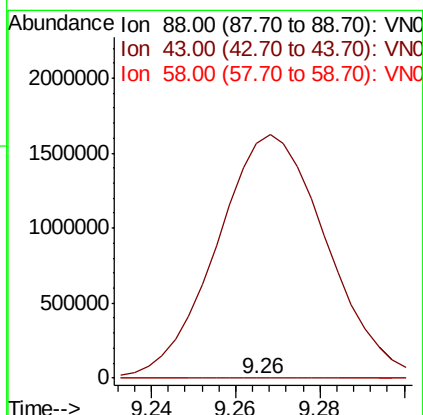
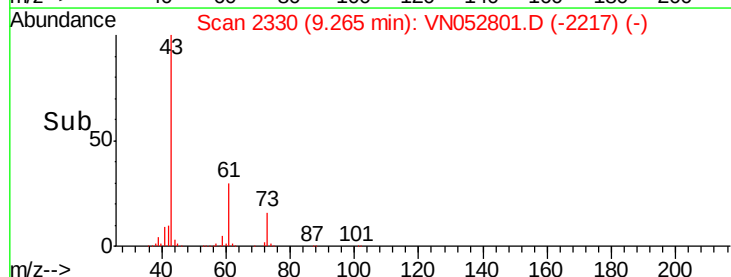
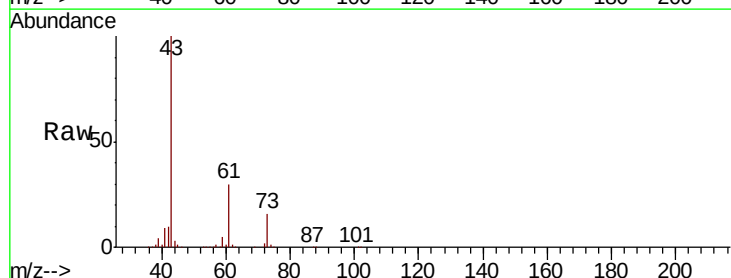
Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#06

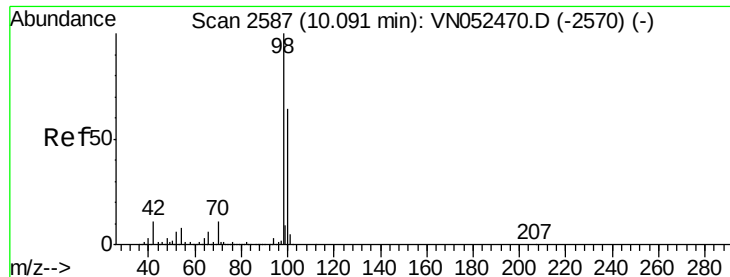
Tot Ion: 41 Resp: 18208
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 0.0 42.6 64.0#



#49
1,4-Dioxane
Concen: 4.369 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Tgt Ion: 88 Resp: 422
Ion Ratio Lower Upper
88 100
43 705849.5 26.4 39.6#
58 3215.4 55.4 83.0#





#50

Toluene-d8

Concen: 4.369 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

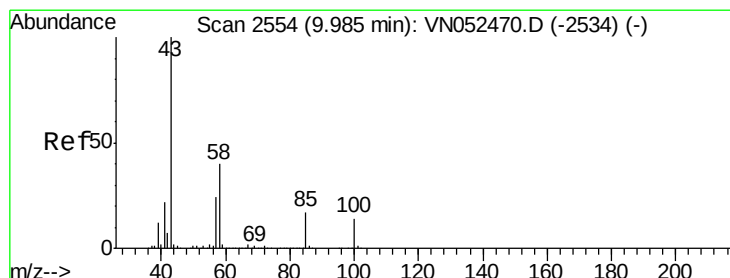
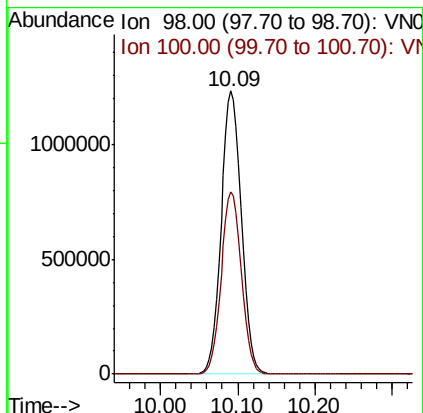
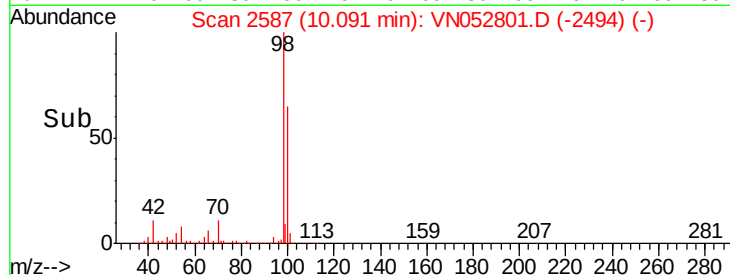
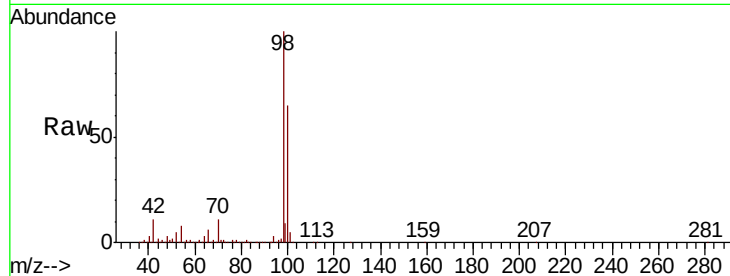
PB115504ZHE#06

Tot Ion: 98 Resp: 2245179

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 2.130 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052801.D

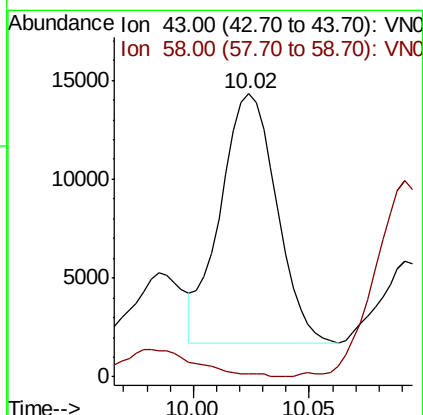
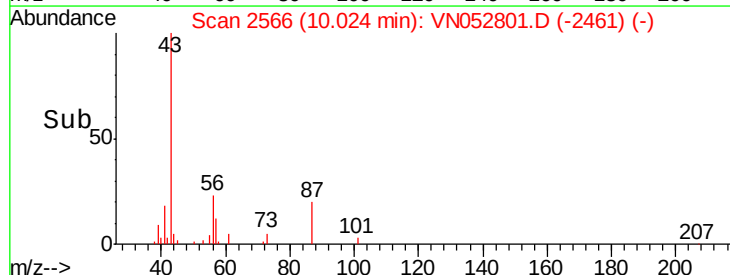
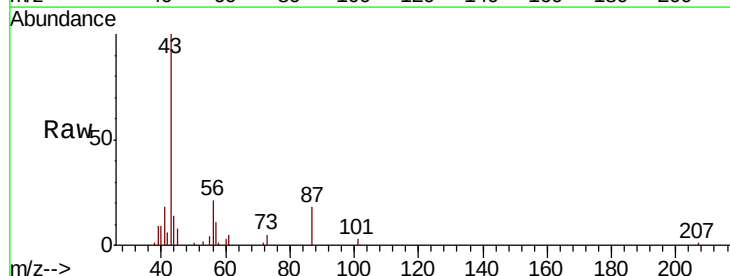
Acq: 11 Dec 2018 14:48

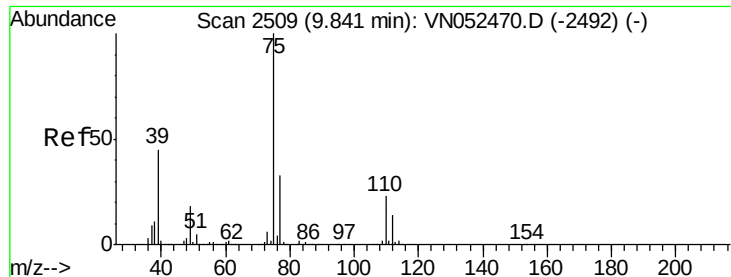
Tgt Ion: 43 Resp: 21326

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#





#54

cis-1,3-Dichloropropene

Concen: 8.286 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#06

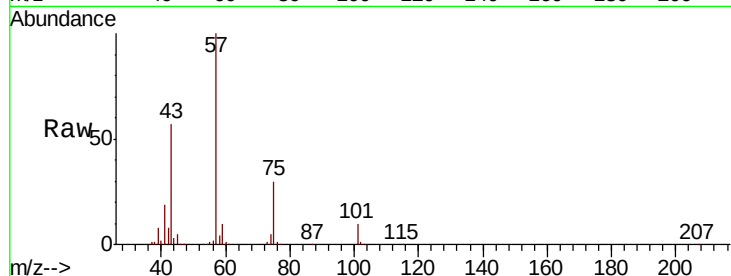
Tot Ion: 75 Resp: 157418

Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.2#

39 27.2 36.0 54.0#

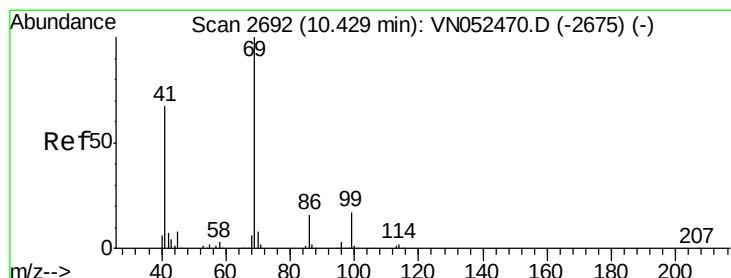
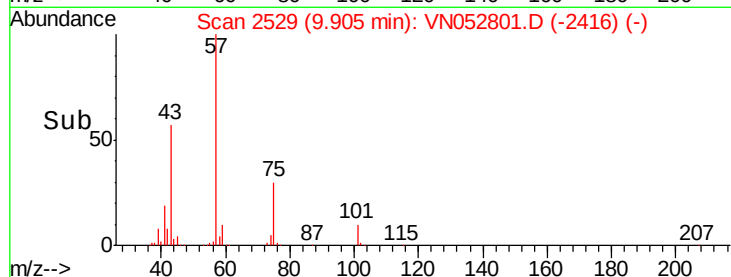
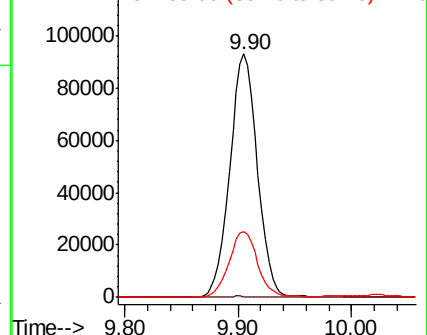


Abundance

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: 2.828 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

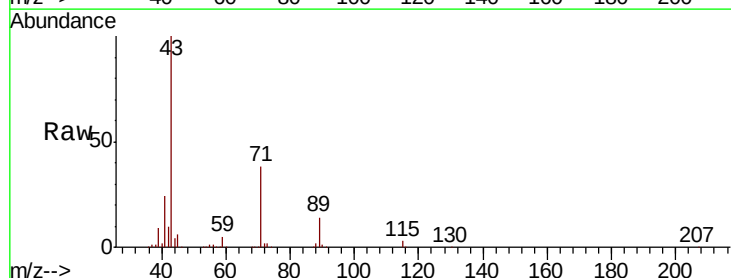
Tgt Ion: 69 Resp: 2134

Ion Ratio Lower Upper

69 100

41 5638.8 52.6 79.0#

39 2226.4 25.9 38.9#

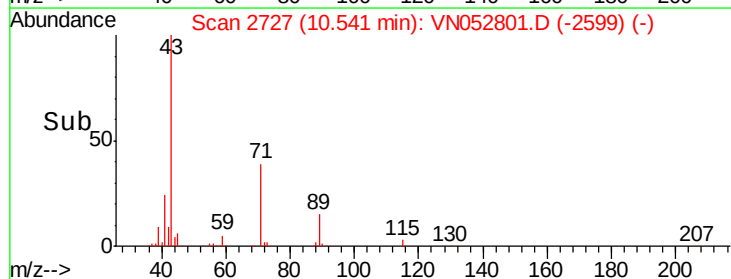
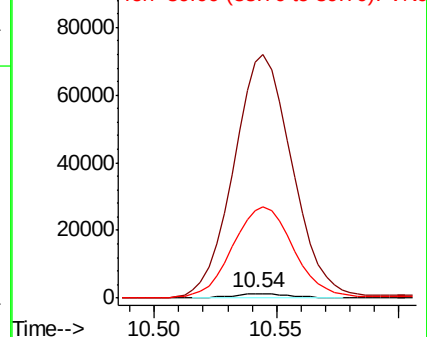


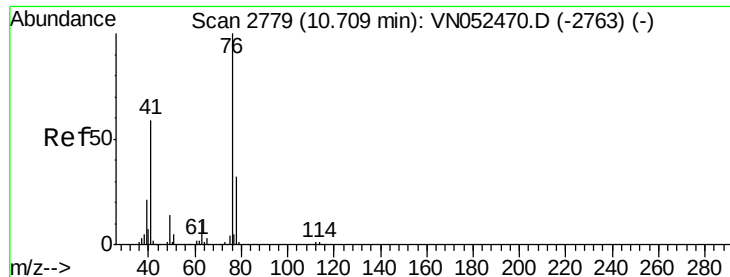
Abundance

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

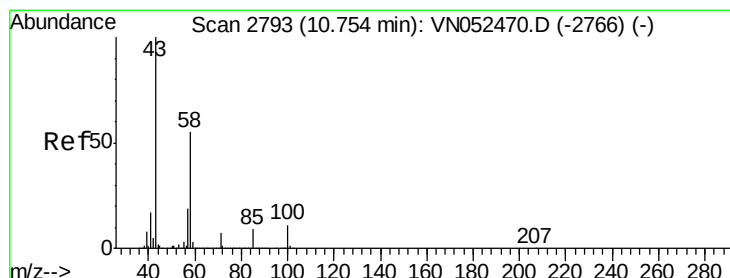
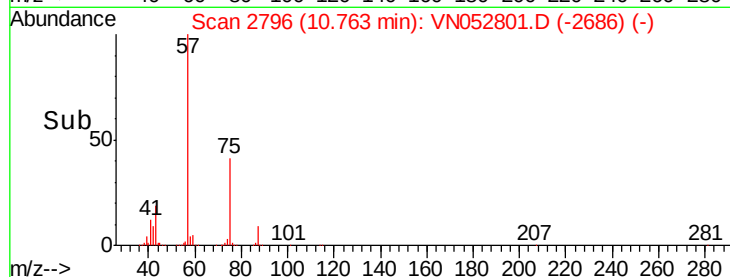
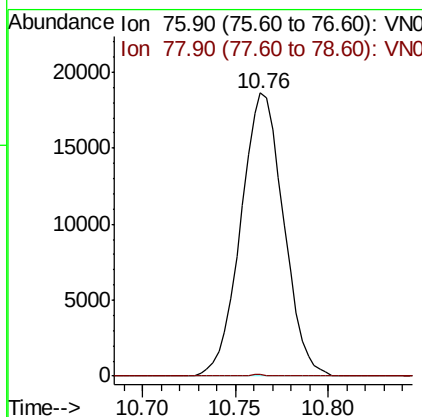
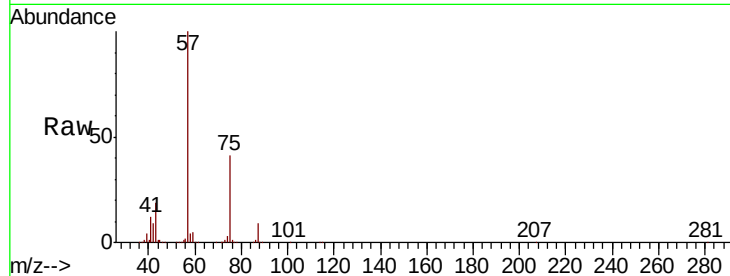




#57
 1,3-Dichloropropane
 Concen: 1.567 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN052801.D
 Acq: 11 Dec 2018 14:48

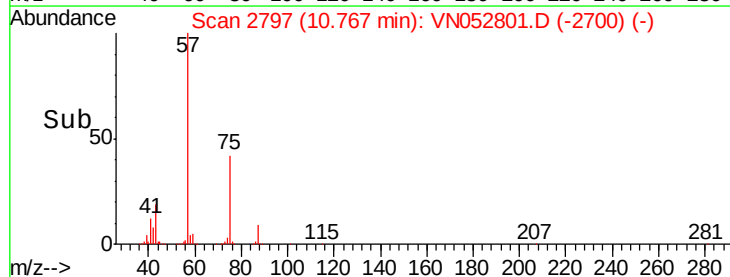
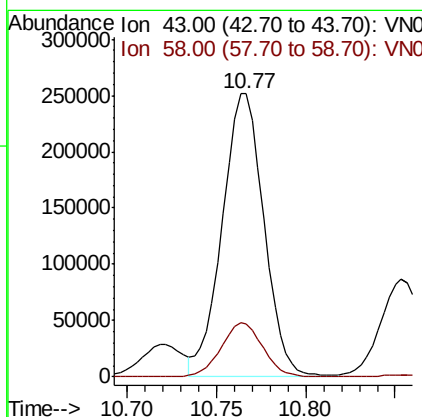
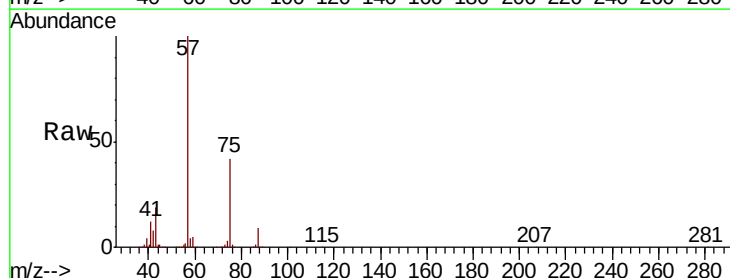
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#06

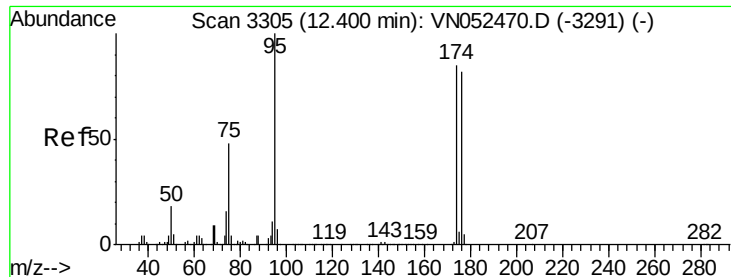
Tot Ion: 76 Resp: 29781
 Ion Ratio Lower Upper
 76 100
 78 0.2 25.6 38.4#



#59
 2-Hexanone
 Concen: 60.351 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN052801.D
 Acq: 11 Dec 2018 14:48

Tgt Ion: 43 Resp: 405615
 Ion Ratio Lower Upper
 43 100
 58 19.3 27.4 82.0#

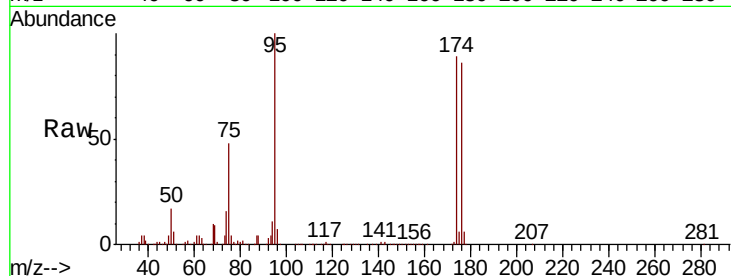




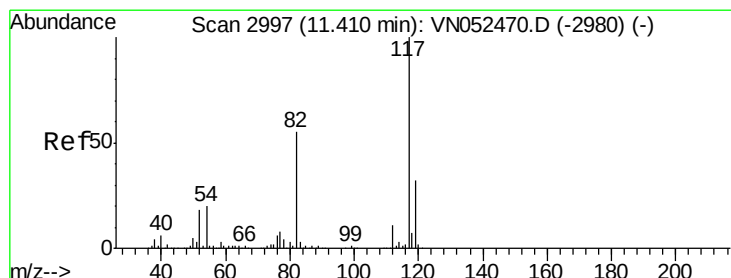
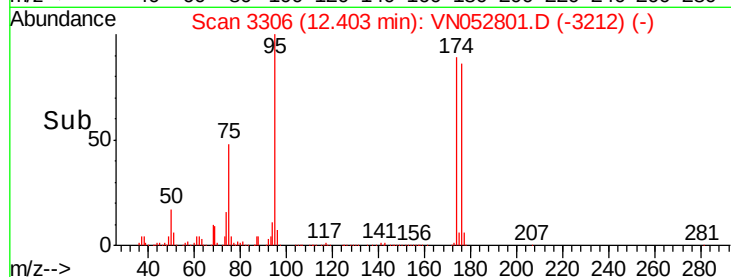
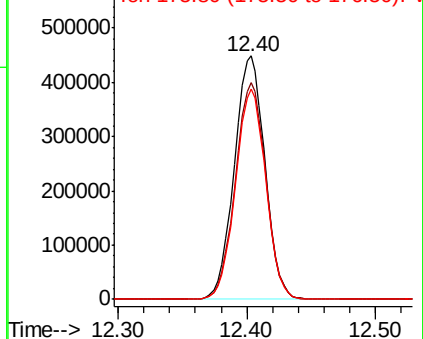
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#06

Tot Ion: 95 Resp: 737883
Ion Ratio Lower Upper
95 100
174 89.1 0.0 173.0
176 85.7 0.0 166.2

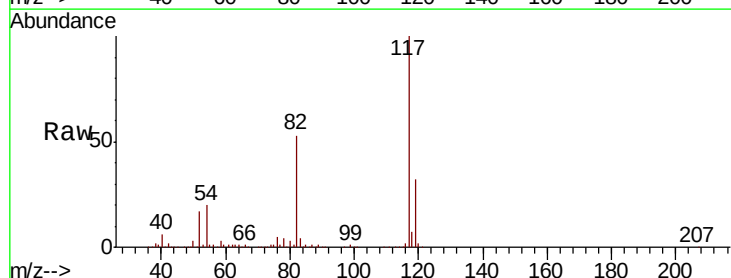


Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

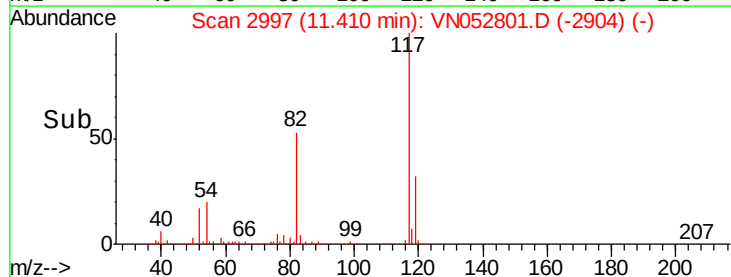
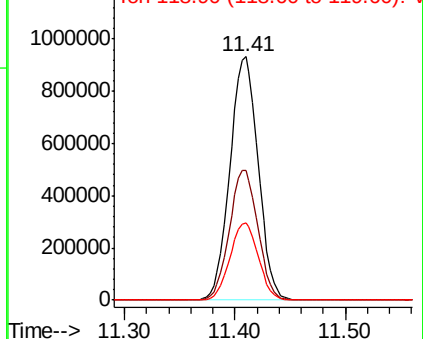


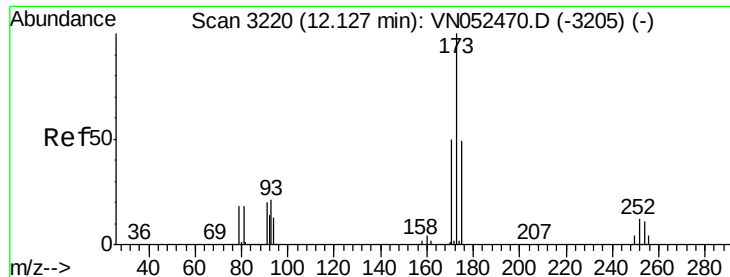
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Tgt Ion: 117 Resp: 1651756
Ion Ratio Lower Upper
117 100
82 53.1 43.6 65.4
119 31.8 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) (-)





#71

Bromoform

Concen: 0.581 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#06

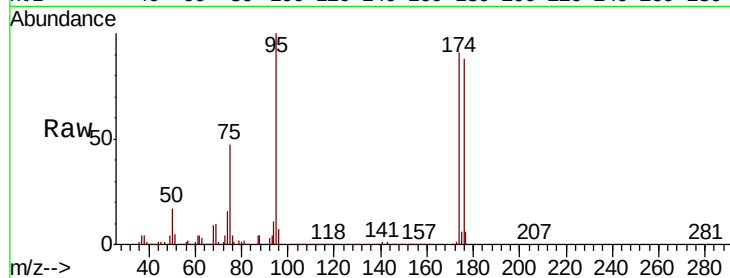
Tot Ion:173 Resp: 4554

Ion Ratio Lower Upper

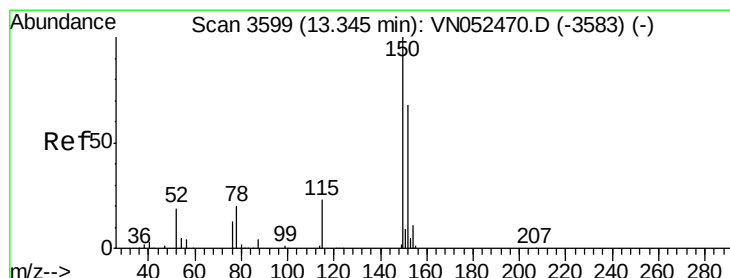
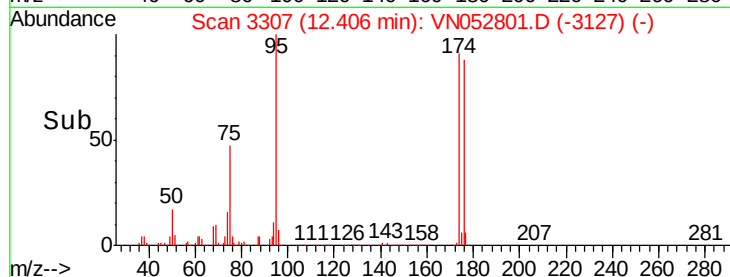
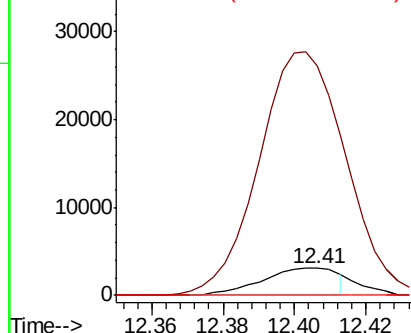
173 100

175 886.0 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: VN052801.D

Acq: 11 Dec 2018 14:48

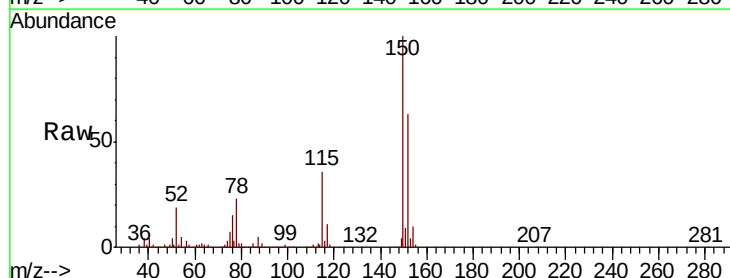
Tgt Ion:152 Resp: 687321

Ion Ratio Lower Upper

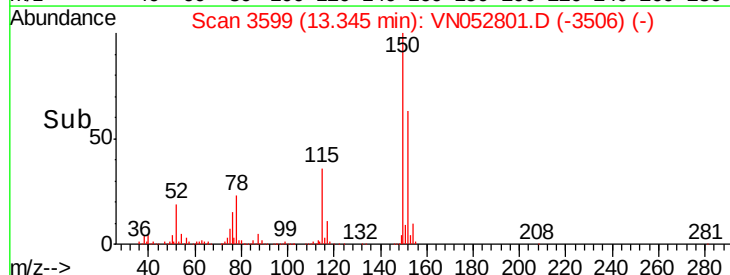
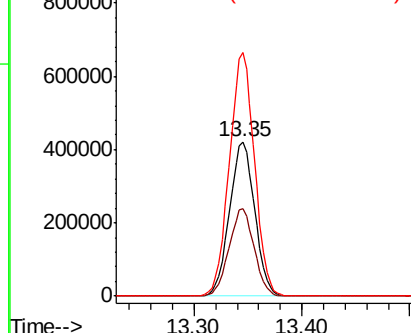
152 100

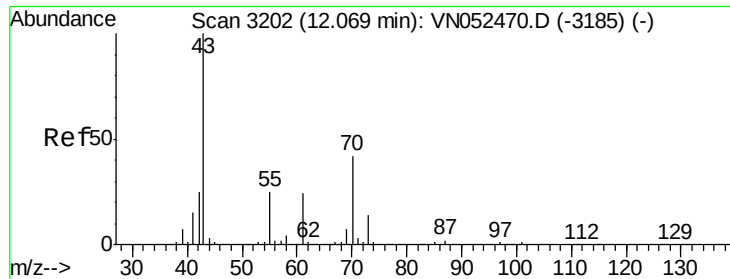
115 56.1 28.4 85.2

150 156.7 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

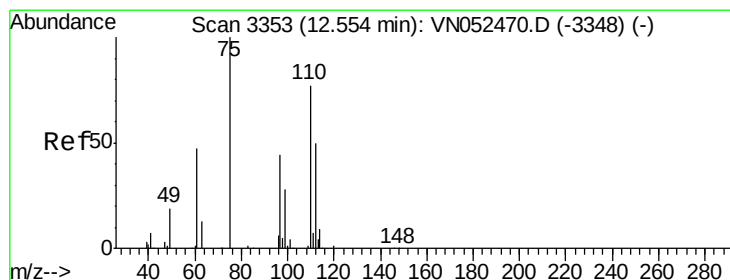
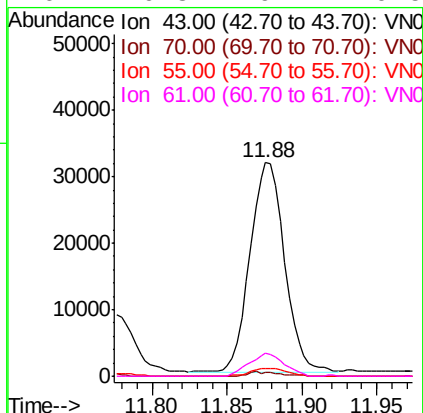
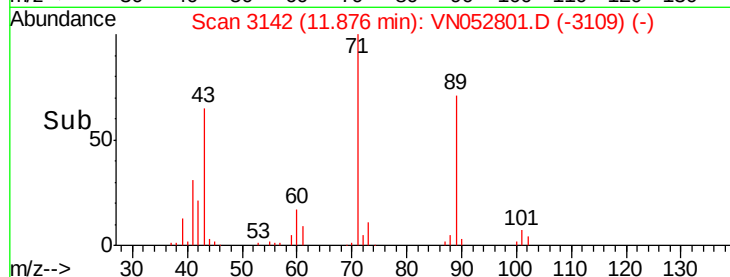
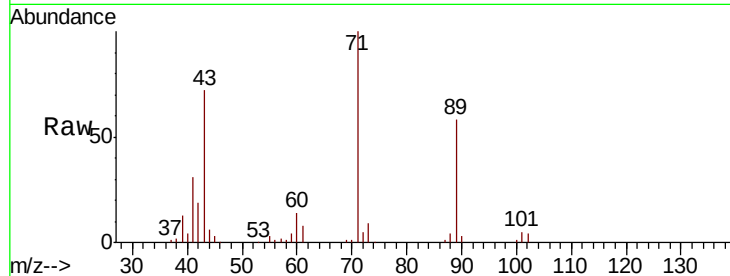




#74
N-amyl acetate
Concen: 3.744 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

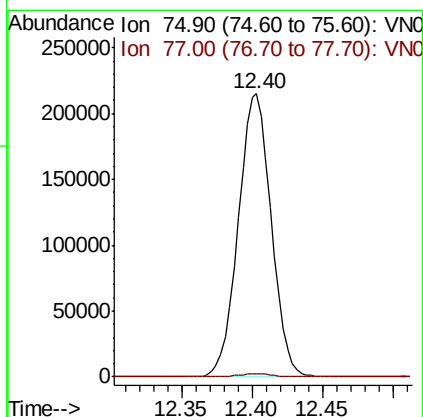
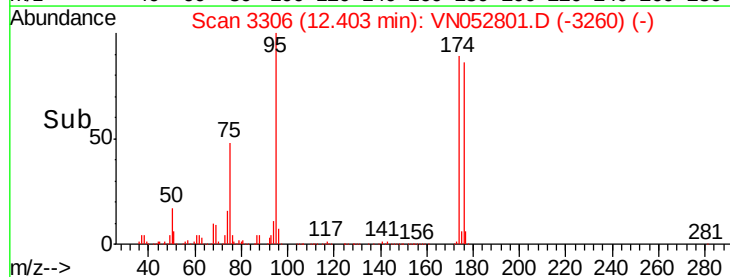
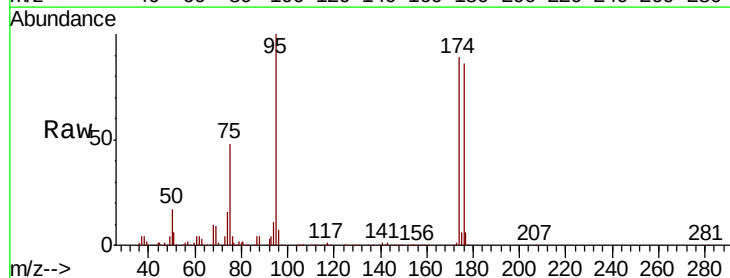
Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#06

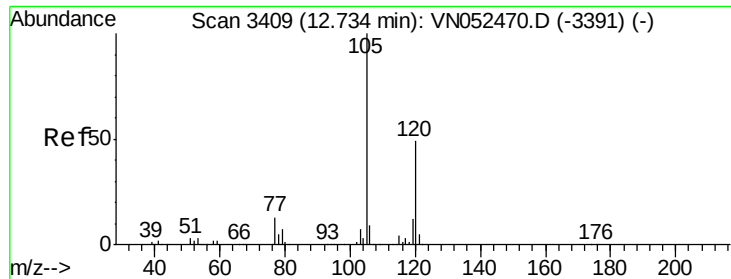
Tot Ion: 43 Resp: 51013
Ion Ratio Lower Upper
43 100
70 1.9 33.8 50.8#
55 4.0 20.0 30.0#
61 10.8 19.7 29.5#



#76
1,2,3-Trichloropropane
Concen: 33.153 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052801.D
Acq: 11 Dec 2018 14:48

Tgt Ion: 75 Resp: 351381
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.805 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

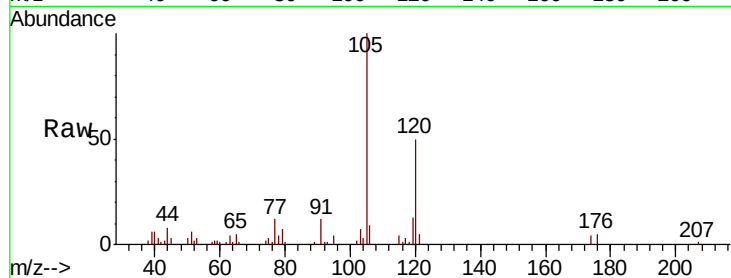
PB115504ZHE#06

Tot Ion:105 Resp: 34642

Ion Ratio Lower Upper

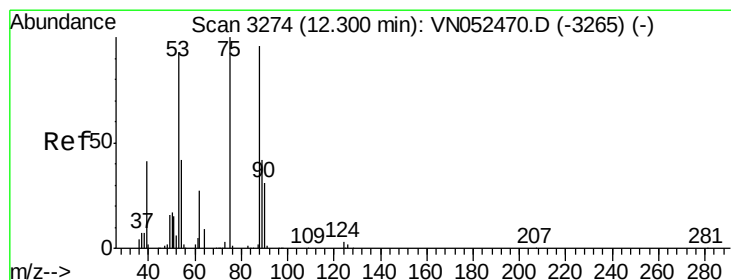
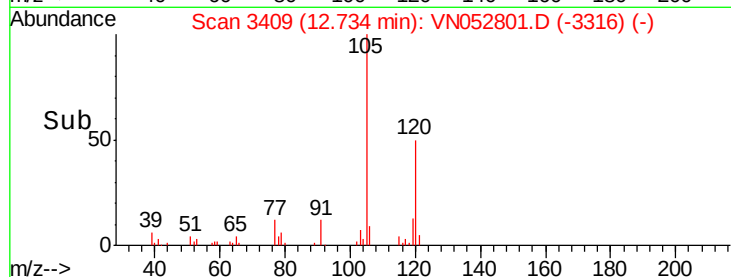
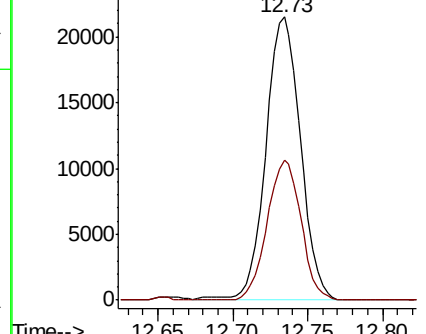
105 100

120 48.3 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 110.714 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052801.D

Acq: 11 Dec 2018 14:48

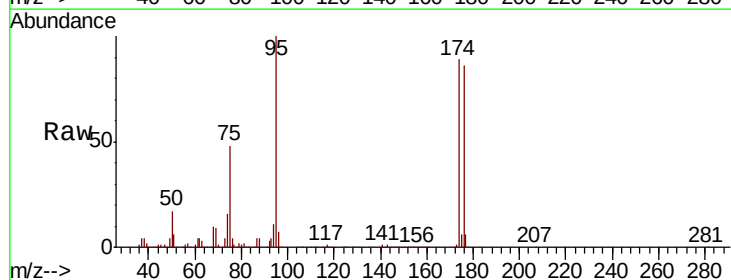
Tgt Ion: 75 Resp: 351381

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

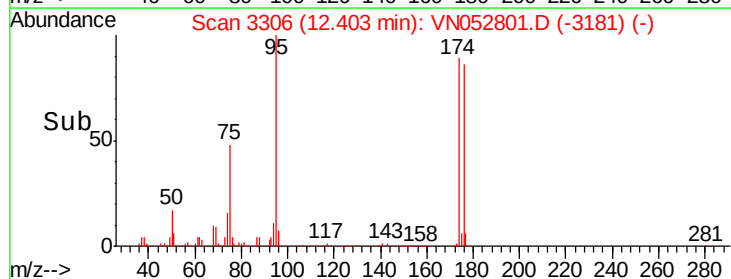
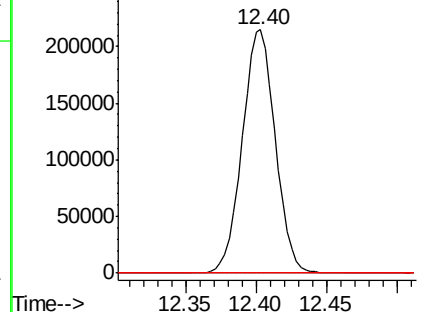
89 0.0 35.4 53.2#

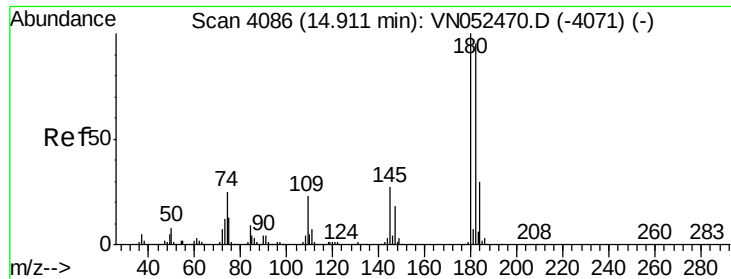


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

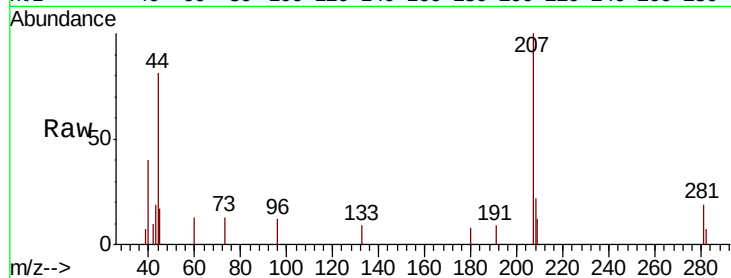




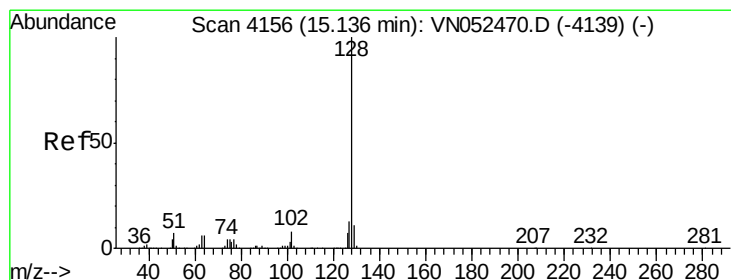
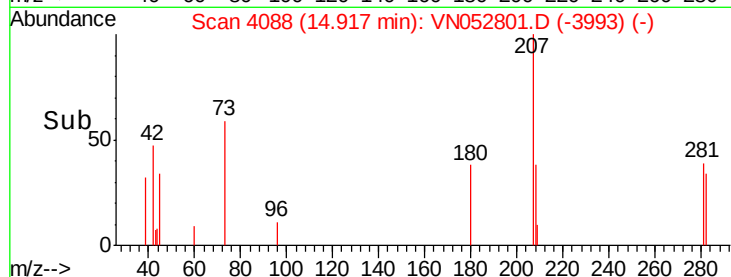
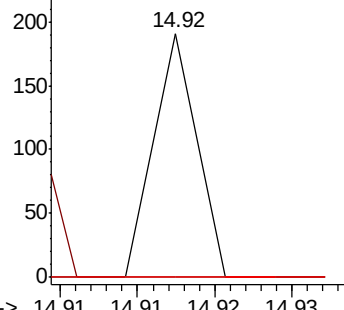
#93
 1,2,4-Trichlorobenzene
 Concen: 2.832 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN052801.D
 Acq: 11 Dec 2018 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#06

Tot Ion:180 Resp: 37
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.4#
 145 0.0 14.1 42.3#

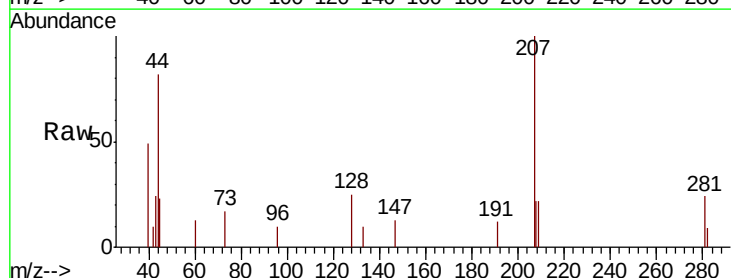


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

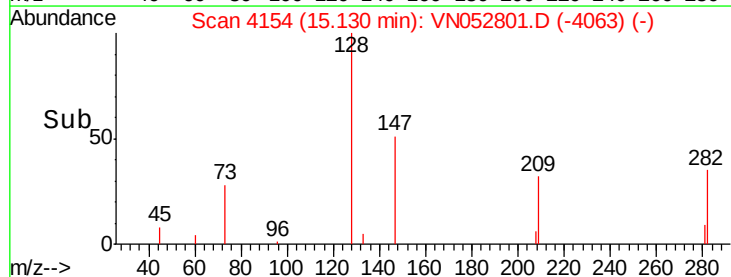
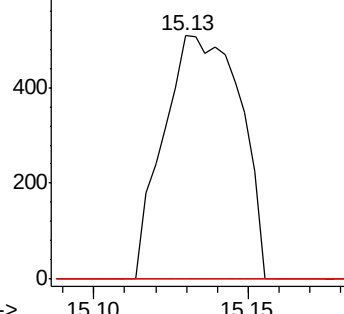


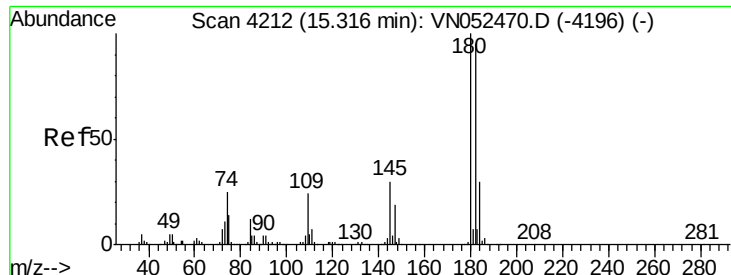
#95
 Naphthalene
 Concen: 3.460 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. -0.01 min
 Lab File: VN052801.D
 Acq: 11 Dec 2018 14:48

Tgt Ion:128 Resp: 877
 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

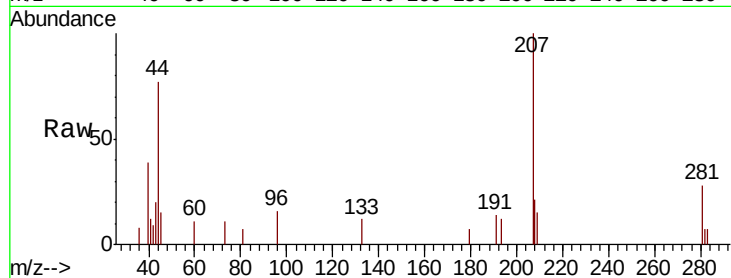




#96
 1,2,3-Trichlorobenzene
 Concen: 2.729 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.01 min
 Lab File: VN052801.D
 Acq: 11 Dec 2018 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#06

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.4	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

