

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\
 Data File : VN052272.D
 Acq On : 12 Nov 2018 19:38
 Operator : MD\SY
 Sample : PB114678ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#16

Quant Time: Nov 13 00:17:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	347652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	582132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167758	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	227575	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
35) Dibromofluoromethane	7.59	113	183378	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	10.09	98	728273	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.40	95	206219	43.21	ug/l	0.00
Spiked Amount			Recovery	=	86.42%	

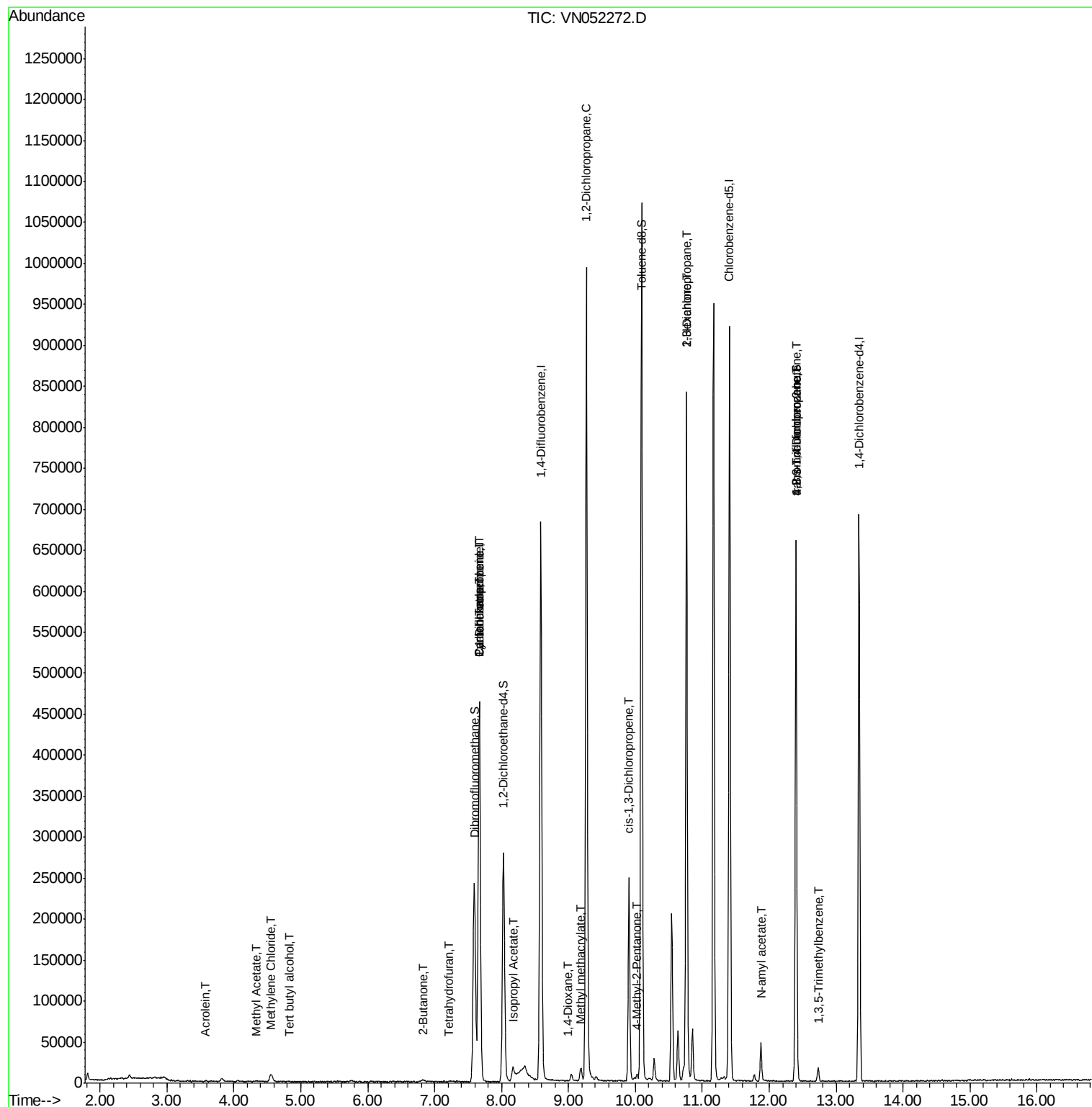
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.82	59	62	0.254	ug/l #	71
13) Acrolein	3.59	56	29	34.165	ug/l #	62
16) Acetone	3.82	43	6234	Below Cal		99
18) Methyl Acetate	4.33	43	817	0.206	ug/l #	84
20) Methylene Chloride	4.55	84	5638	1.301	ug/l	86
25) 2-Butanone	6.83	43	443	0.218	ug/l #	52
29) Tetrahydrofuran	7.21	42	664	0.503	ug/l #	40
31) Cyclohexane	7.66	56	10449	0.740	ug/l #	42
36) 1,1-Dichloropropene	7.67	75	31343	5.334	ug/l #	51
38) Carbon Tetrachloride	7.67	117	35695	6.704	ug/l #	17
43) Isopropyl Acetate	8.17	43	23648	3.070	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	1169	0.249	ug/l #	44
48) Methyl methacrylate	9.18	41	6478	1.596	ug/l #	15
49) 1,4-Dioxane	8.99	88	31	0.950	ug/l #	21
51) 4-Methyl-2-Pentanone	10.03	43	7312	1.719	ug/l #	40
54) cis-1,3-Dichloropropene	9.90	75	37959	5.826	ug/l #	72
57) 1,3-Dichloropropane	10.76	76	8731	1.330	ug/l #	43
59) 2-Hexanone	10.76	43	133379	44.663	ug/l #	54
74) N-amyl acetate	11.88	43	15543	3.122	ug/l #	59
76) 1,2,3-Trichloropropane	12.40	75	114483	38.571	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7834	0.718	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	114483	131.662	ug/l #	8

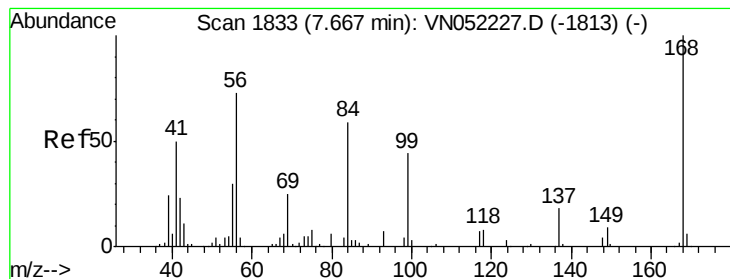
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111218\
Data File : VN052272.D
Acq On : 12 Nov 2018 19:38
Operator : MD\SY
Sample : PB114678ZHE#16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#16

Quant Time: Nov 13 00:17:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 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: VN052227.D

Acq: 12 Nov 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

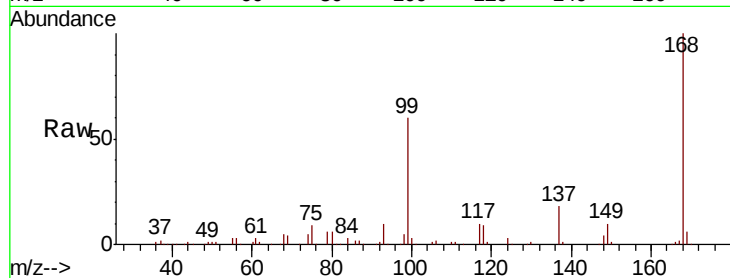
PB114678ZHE#16

Tot Ion:168 Resp: 347652

Ion Ratio Lower Upper

168 100

99 59.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

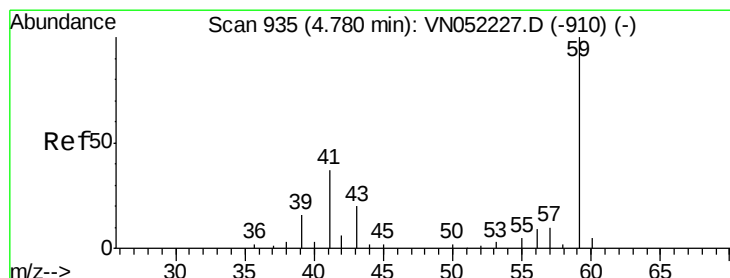
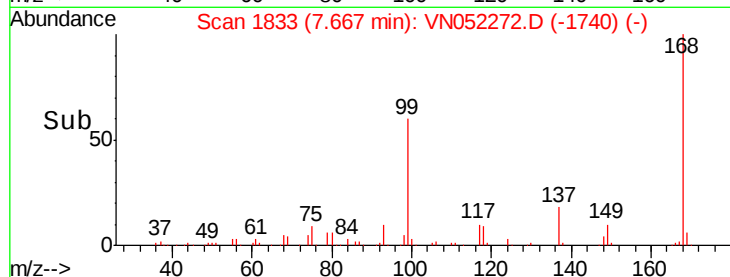
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.254 ug/l

RT: 4.82 min Scan# 948

Delta R.T. 0.04 min

Lab File: VN052227.D

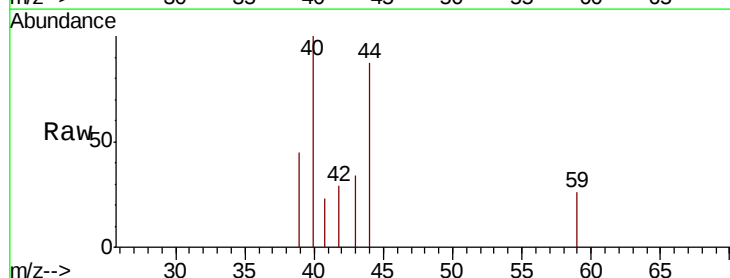
Acq: 12 Nov 2018 19:38

Tgt Ion: 59 Resp: 62

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.82

150

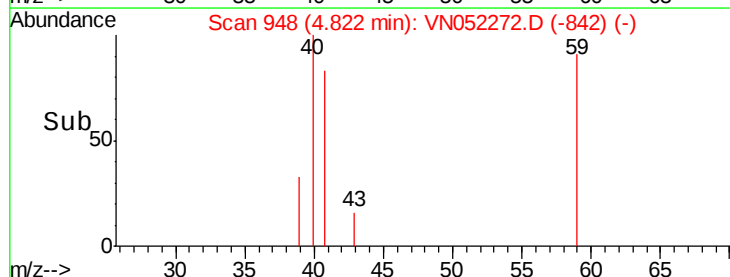
100

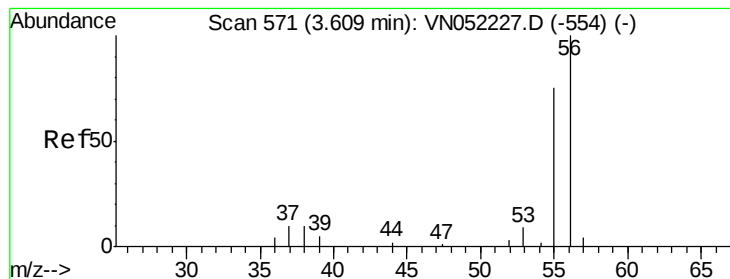
50

0

Time-->

4.81 4.82 4.83





#13

Acrolein

Concen: 34.165 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.02 min

Lab File: VN052272.D

Acq: 12 Nov 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

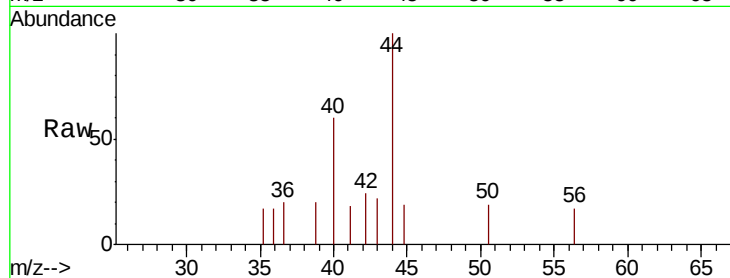
PB114678ZHE#16

Tot Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 106.9 59.9 89.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.59

150

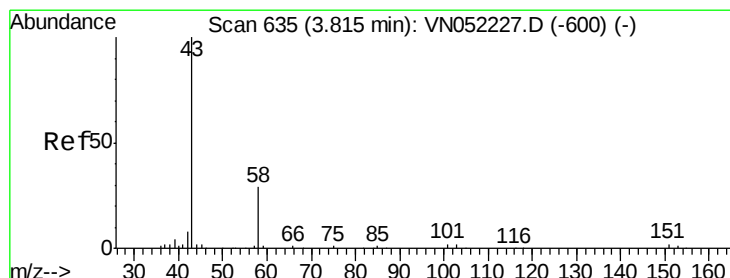
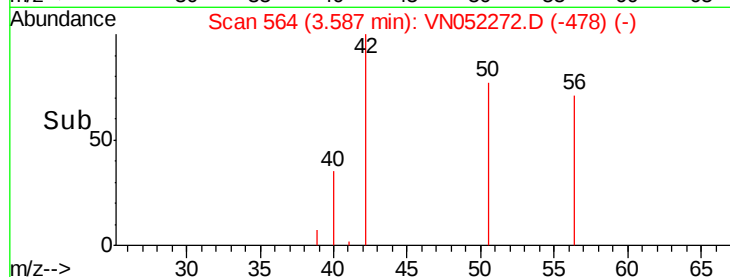
100

50

0

Time-->

3.58 3.58 3.59 3.59 3.60



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052272.D

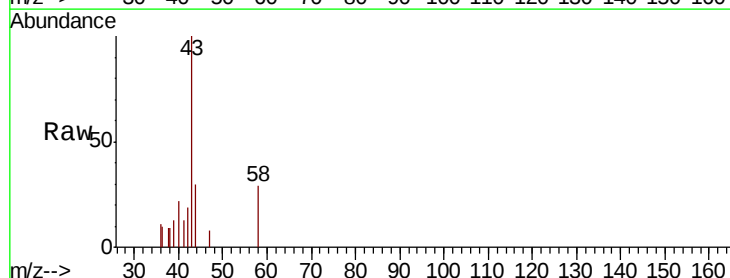
Acq: 12 Nov 2018 19:38

Tgt Ion: 43 Resp: 6234

Ion Ratio Lower Upper

43 100

58 29.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

2000

1500

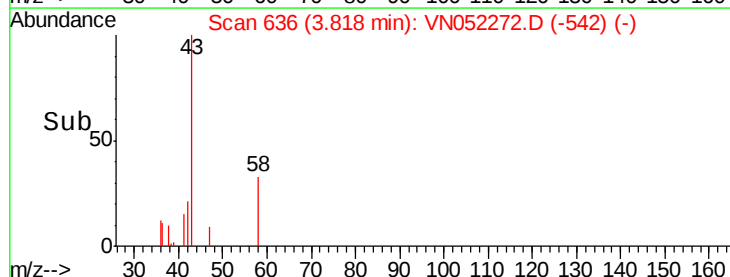
1000

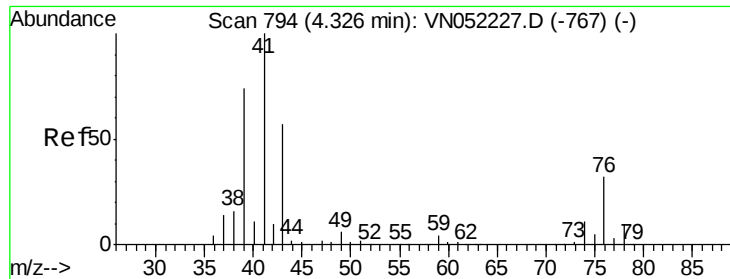
500

0

Time-->

3.75 3.80 3.85 3.90

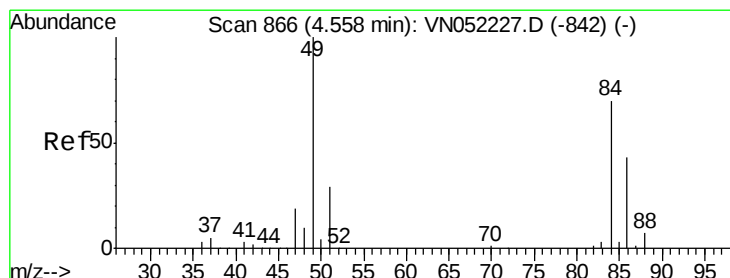
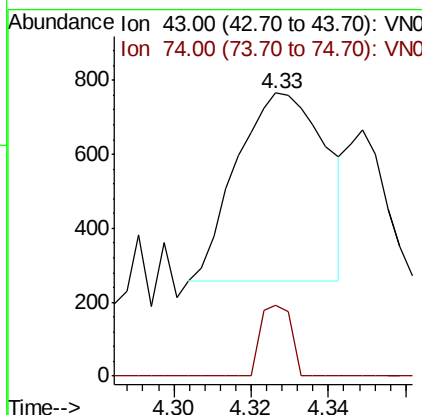
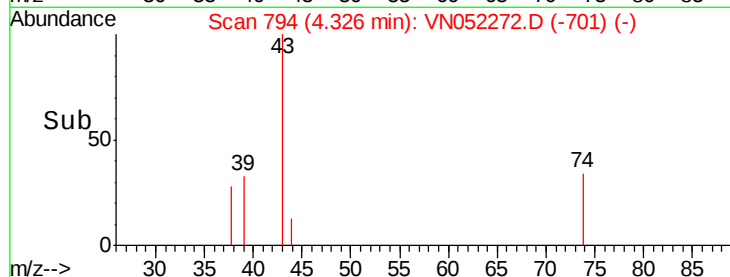
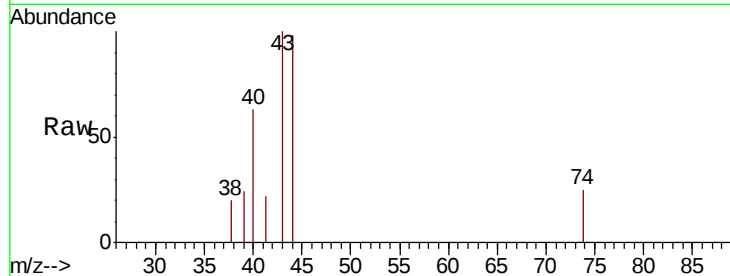




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

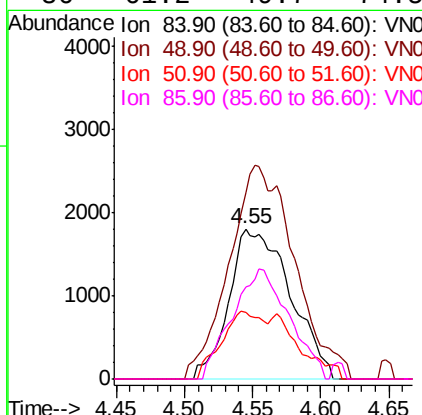
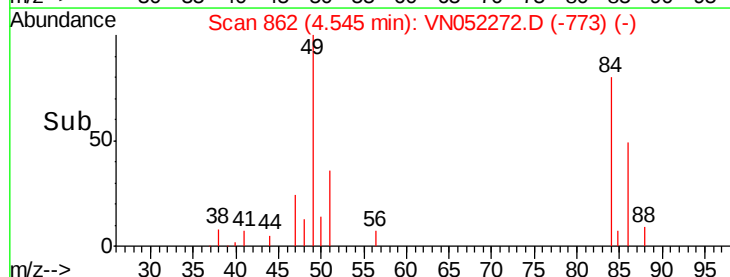
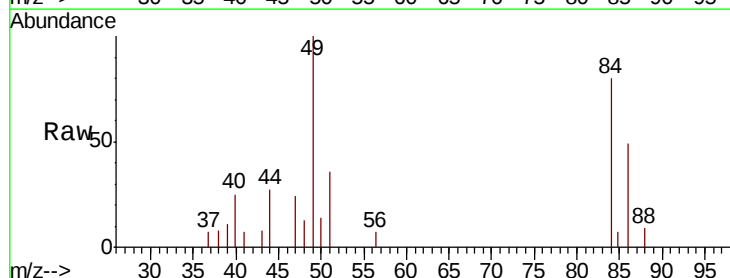
Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#16

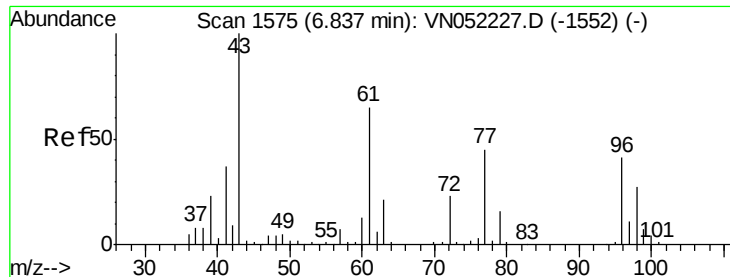
Tot Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
74 13.0 16.2 24.2#



#20
Methylene Chloride
Concen: 1.301 ug/l
RT: 4.55 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

Tgt Ion: 84 Resp: 5638
Ion Ratio Lower Upper
84 100
49 115.9 114.8 172.2
51 44.6 33.1 49.7
86 61.2 49.7 74.5

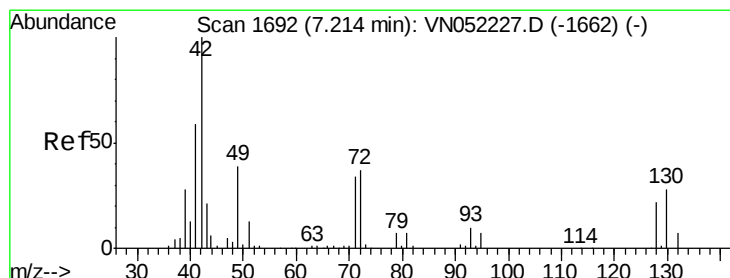
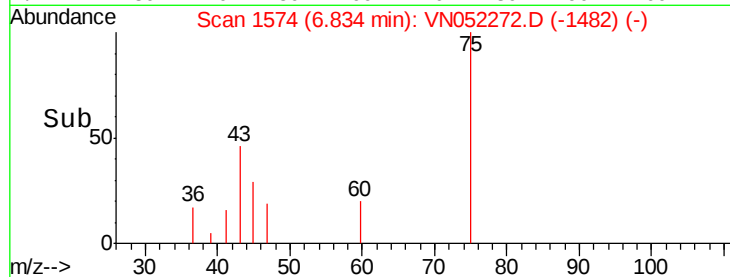
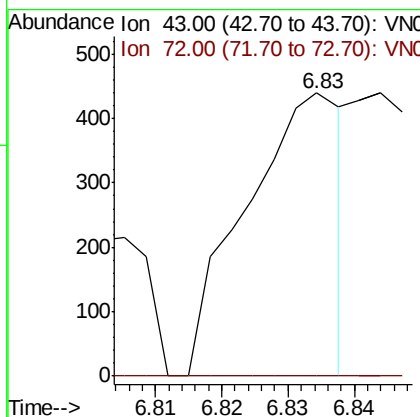
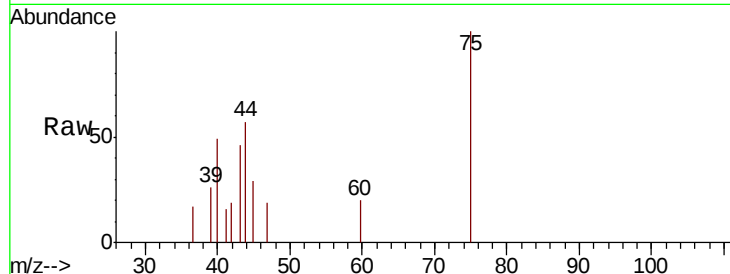




#25
 2-Butanone
 Concen: 0.218 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052272.D
 Acq: 12 Nov 2018 19:38

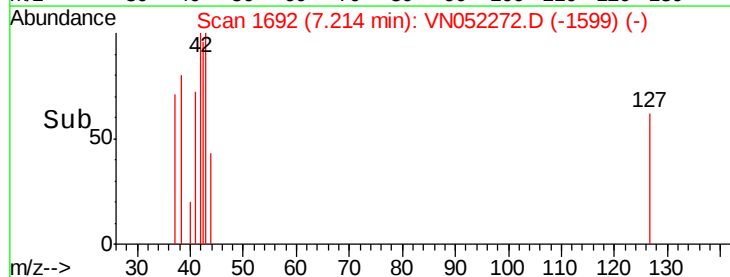
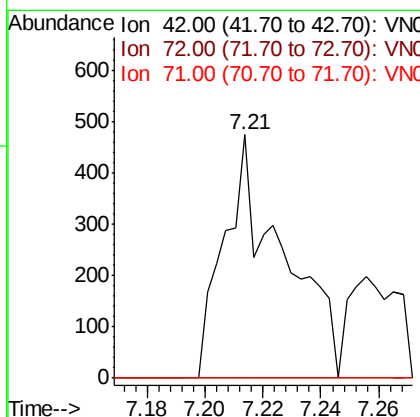
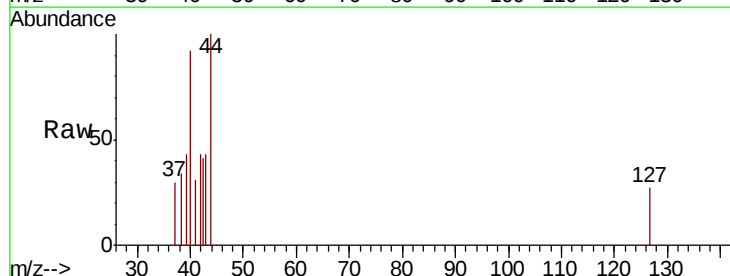
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#16

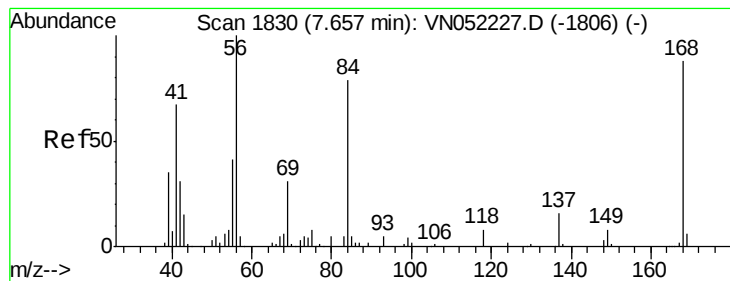
Tot Ion: 43 Resp: 443
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.6 27.8#



#29
 Tetrahydrofuran
 Concen: 0.503 ug/l
 RT: 7.21 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VN052272.D
 Acq: 12 Nov 2018 19:38

Tgt Ion: 42 Resp: 664
 Ion Ratio Lower Upper
 42 100
 72 0.0 28.6 43.0#
 71 0.0 27.1 40.7#





#31

Cyclohexane

Concen: 0.740 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052227.D

Acq: 12 Nov 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#16

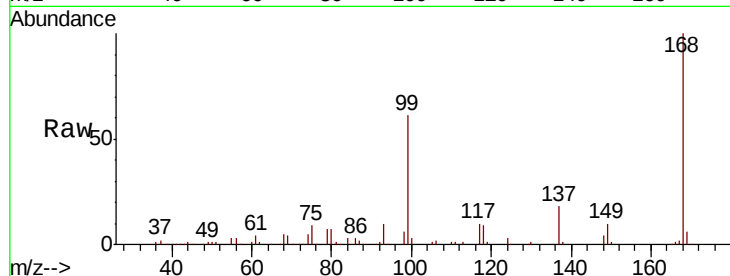
Tot Ion: 56 Resp: 10449

Ion Ratio Lower Upper

56 100

69 117.8 24.8 37.2#

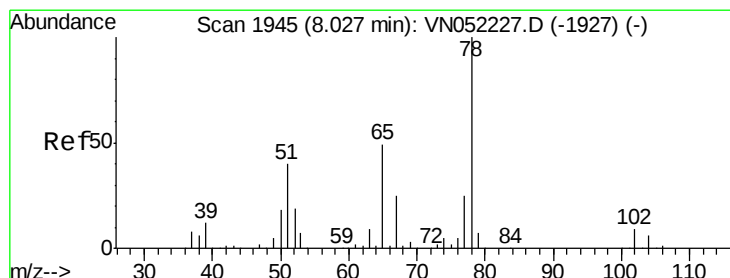
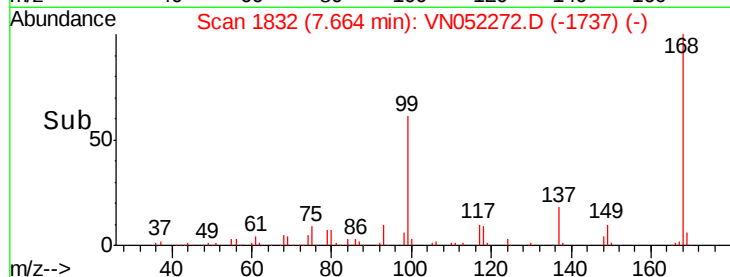
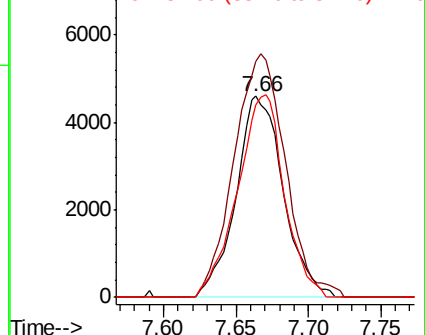
84 95.7 63.1 94.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052227.D

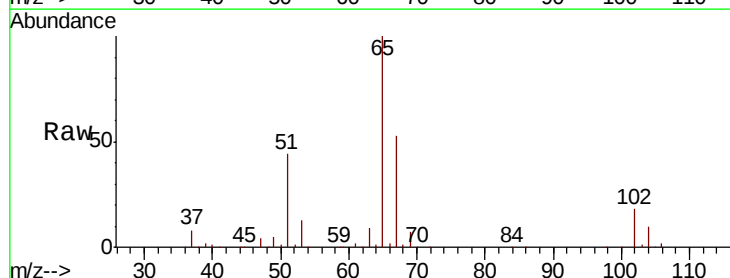
Acq: 12 Nov 2018 19:38

Tgt Ion: 65 Resp: 227575

Ion Ratio Lower Upper

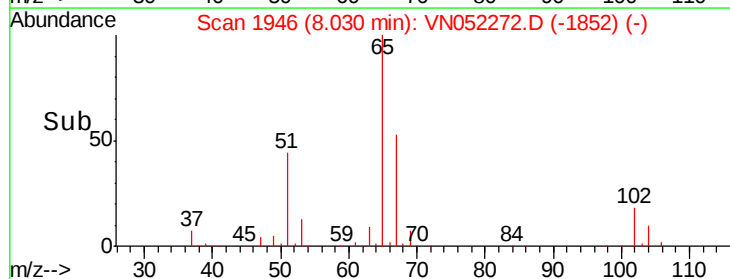
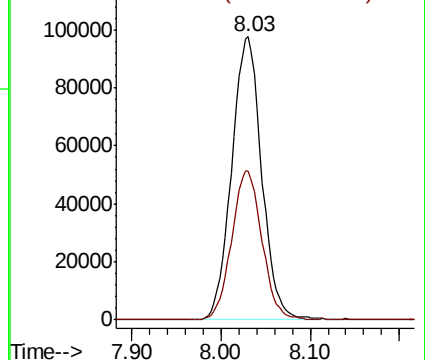
65 100

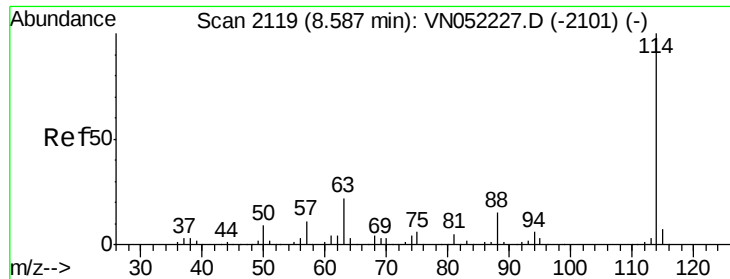
67 52.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

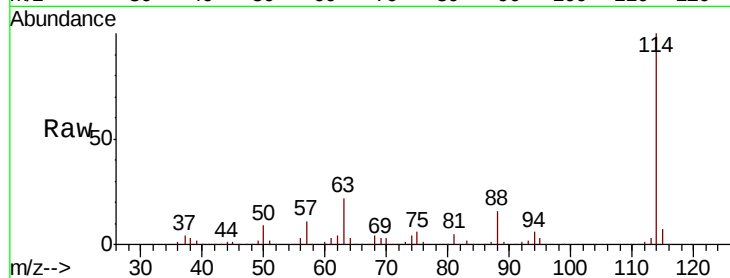




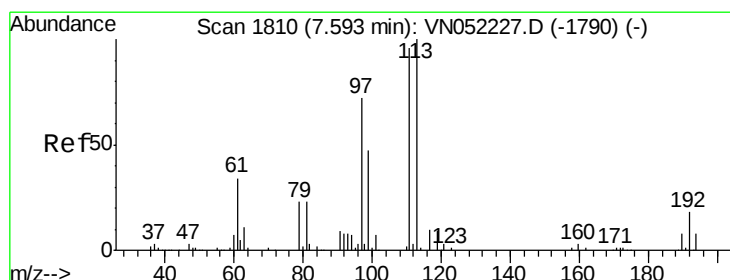
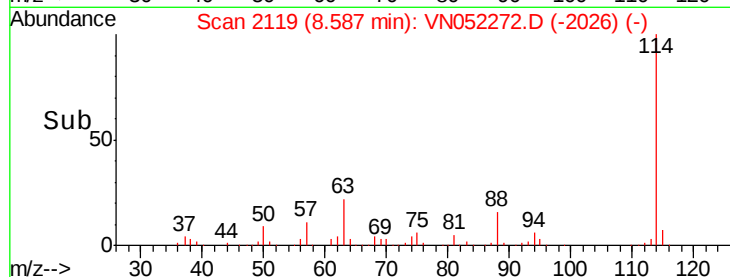
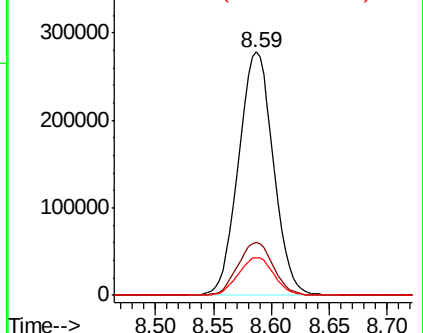
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#16

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.4
88	15.6	0.0	30.2

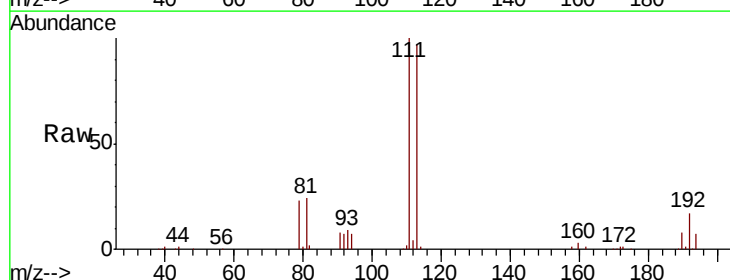


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

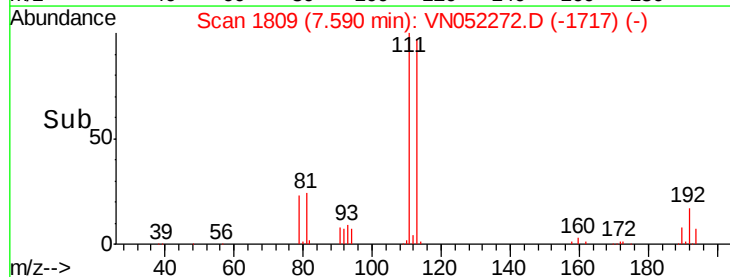
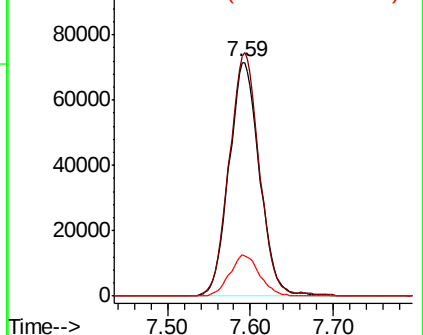


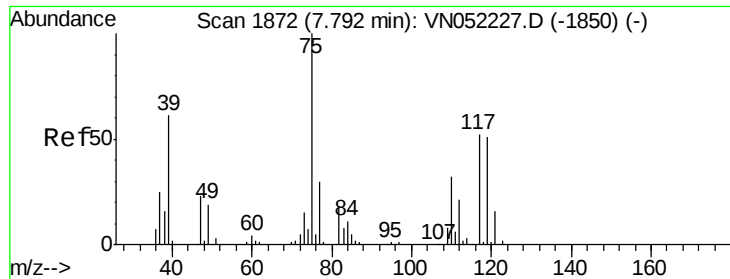
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.2	120.4
192	17.2	14.1	21.1



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

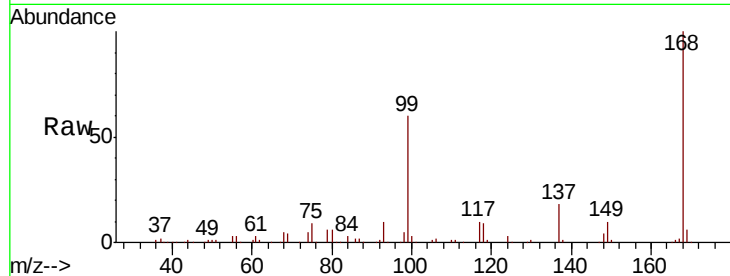




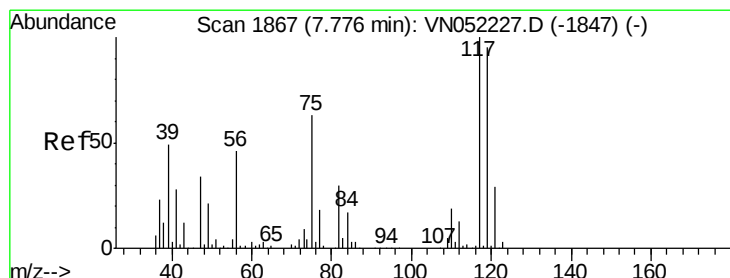
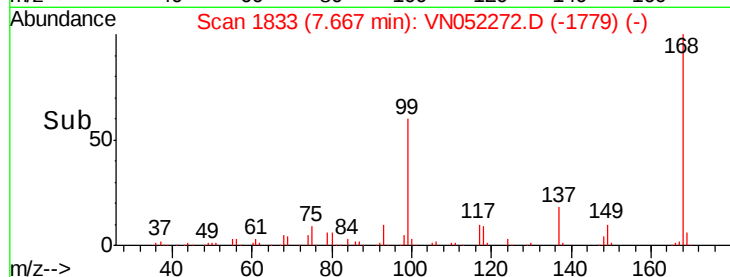
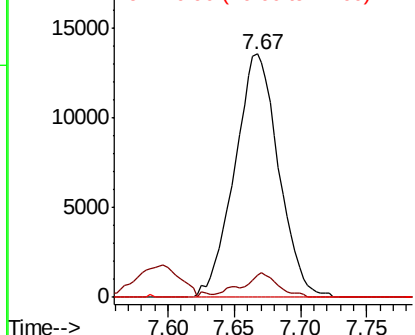
#36
 1,1-Dichloropropene
 Concen: 5.334 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052272.D
 Acq: 12 Nov 2018 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#16

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.4	49.4#
77	0.0	23.9	35.9#

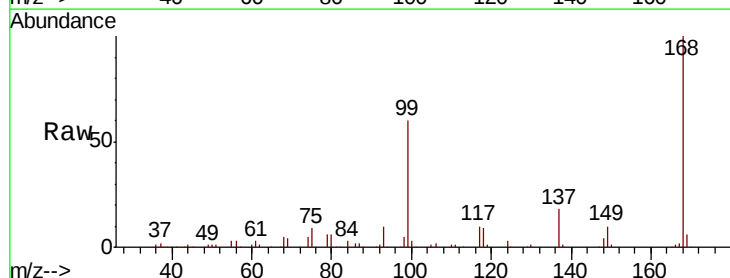


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

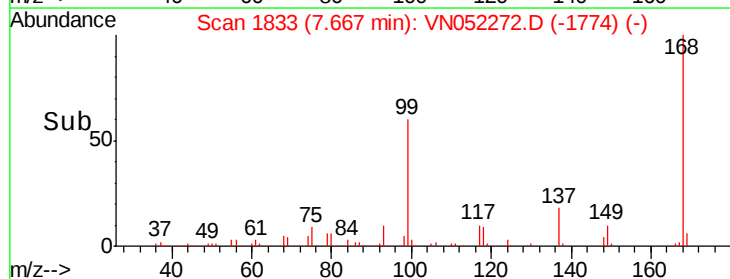
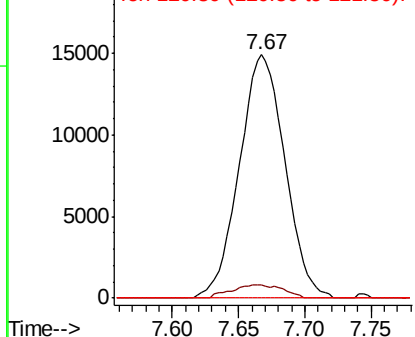


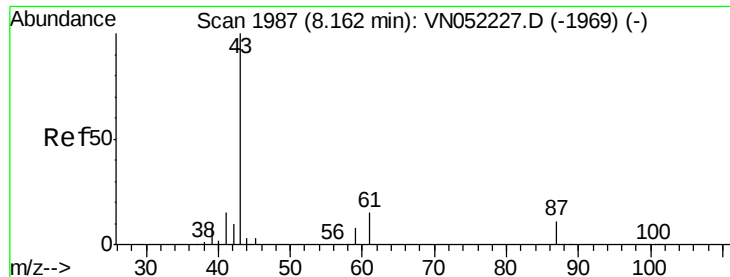
#38
 Carbon Tetrachloride
 Concen: 6.704 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052272.D
 Acq: 12 Nov 2018 19:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.8	113.8#
121	0.0	23.4	35.2#



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: 3.070 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052272.D

Acq: 12 Nov 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#16

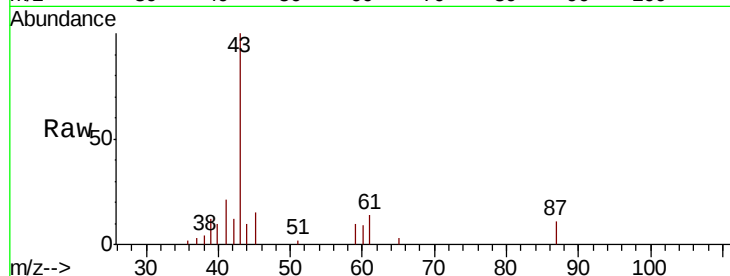
Tot Ion: 43 Resp: 23648

Ion Ratio Lower Upper

43 100

61 8.3 14.2 21.4#

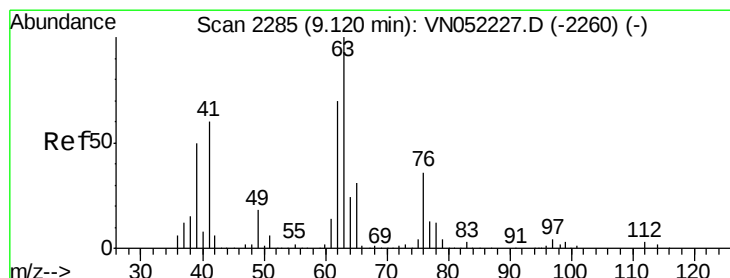
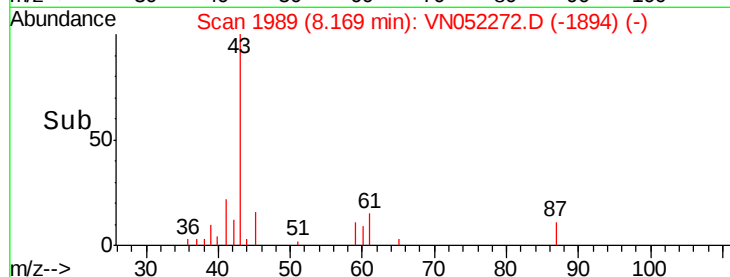
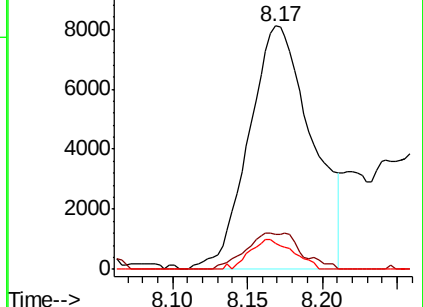
87 8.5 8.4 12.6



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: 0.249 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN052272.D

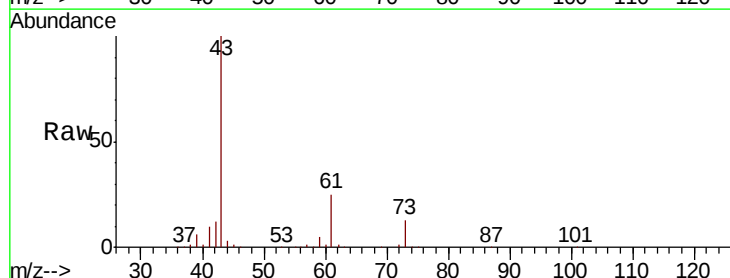
Acq: 12 Nov 2018 19:38

Tgt Ion: 63 Resp: 1169

Ion Ratio Lower Upper

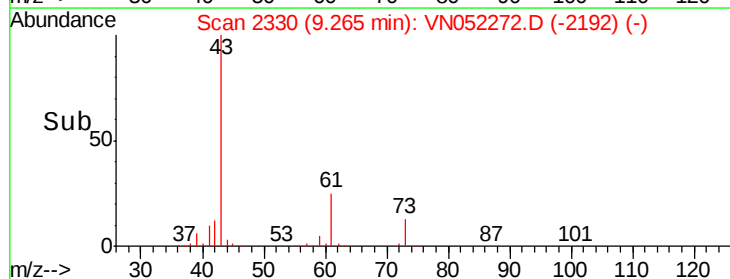
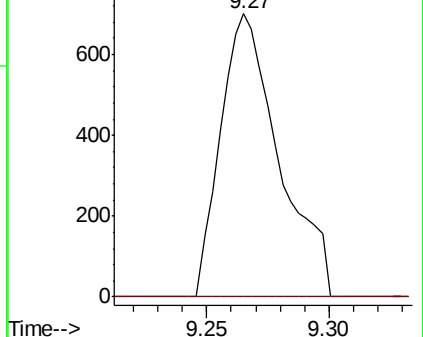
63 100

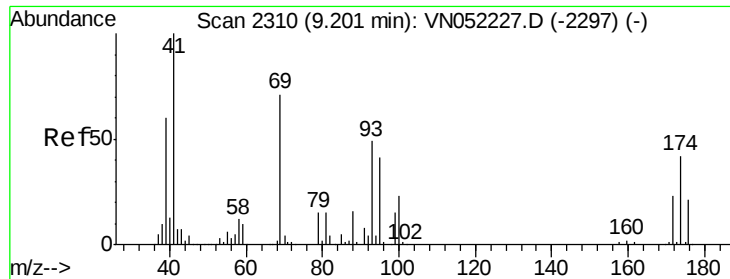
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

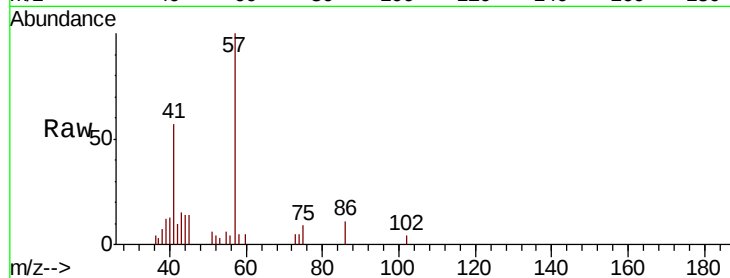




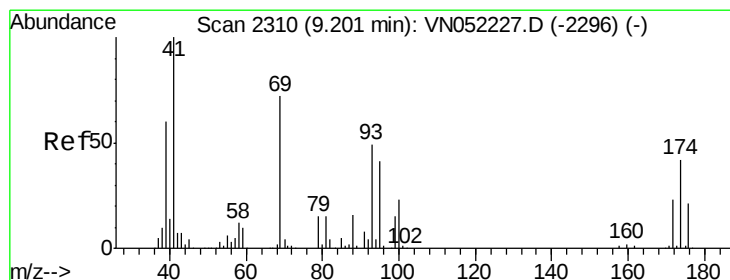
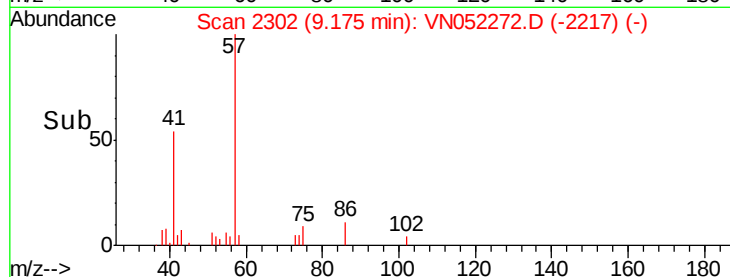
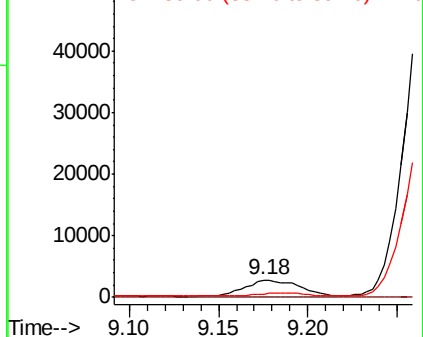
#48
Methyl methacrylate
Concen: 1.596 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.03 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#16

Tot Ion: 41 Resp: 6478
Ion Ratio Lower Upper
41 100
69 0.0 58.8 88.2#
39 0.0 50.7 76.1#

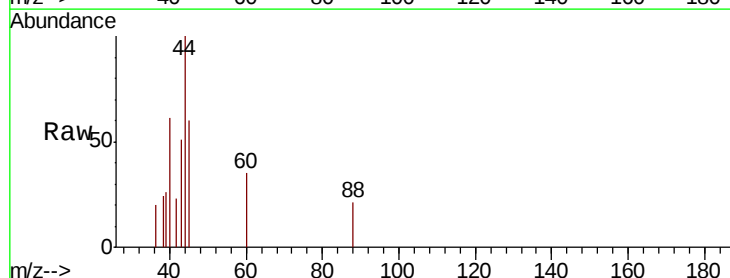


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

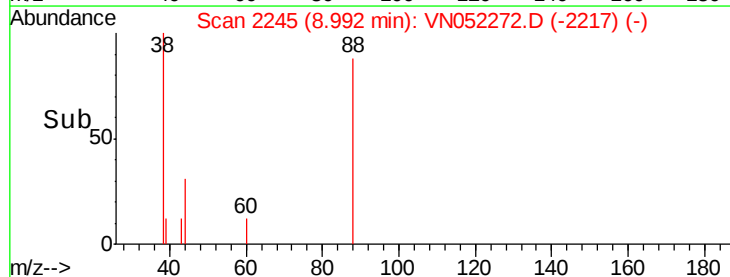
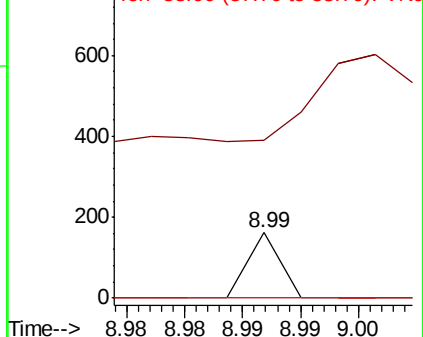


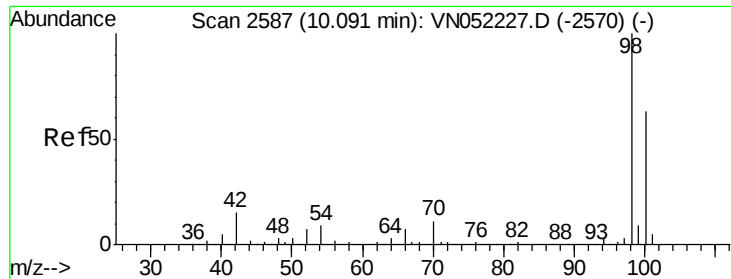
#49
1,4-Dioxane
Concen: 0.950 ug/l
RT: 8.99 min Scan# 2245
Delta R.T. -0.21 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 0.0 32.5 48.7#
58 0.0 58.2 87.4#



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





#50

Toluene-d8

Concen: 0.950 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052272.D

Acq: 12 Nov 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

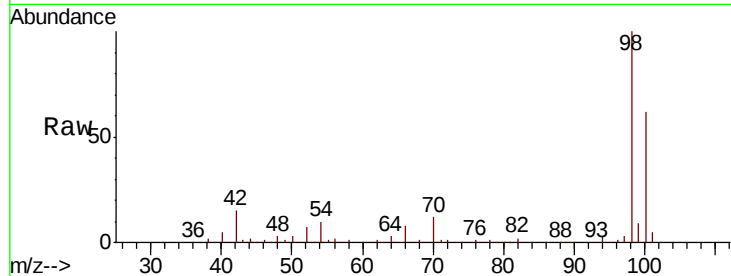
PB114678ZHE#16

Tot Ion: 98 Resp: 728273

Ion Ratio Lower Upper

98 100

100 62.6 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN052227.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052227.D (-2570) (-)

10.09

400000

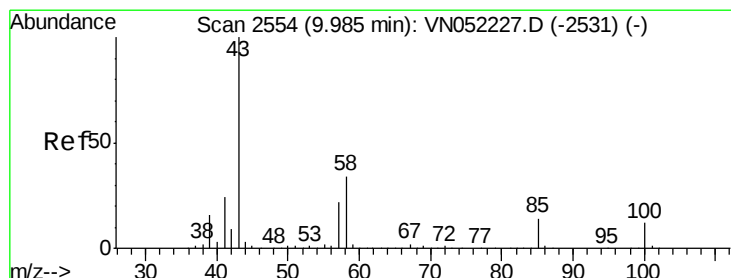
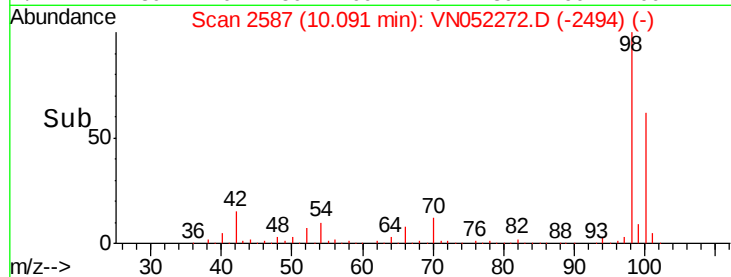
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.719 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN052272.D

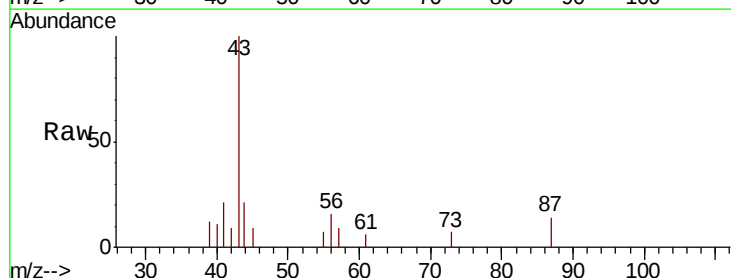
Acq: 12 Nov 2018 19:38

Tgt Ion: 43 Resp: 7312

Ion Ratio Lower Upper

43 100

58 0.0 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN052227.D (-2531) (-)

10.03

5000

4000

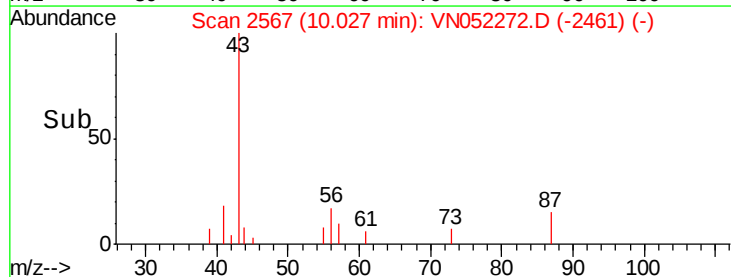
3000

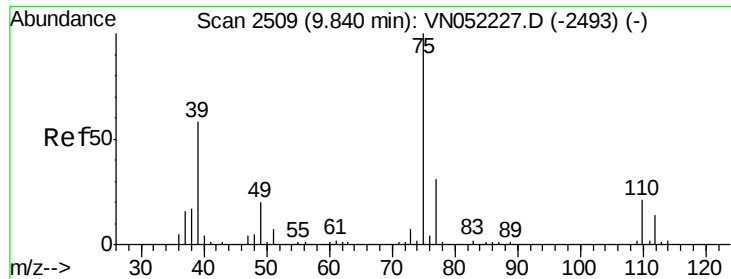
2000

1000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.826 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052272.D

Acq: 12 Nov 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#16

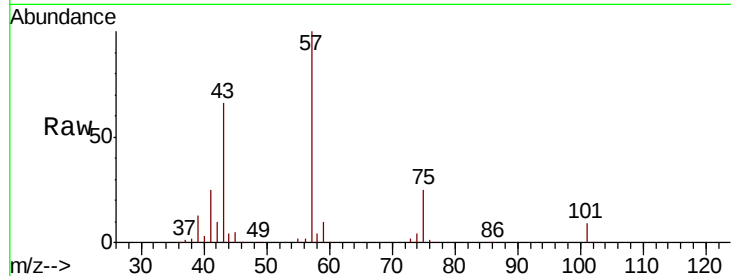
Tot Ion: 75 Resp: 37959

Ion Ratio Lower Upper

75 100

77 0.7 25.2 37.8#

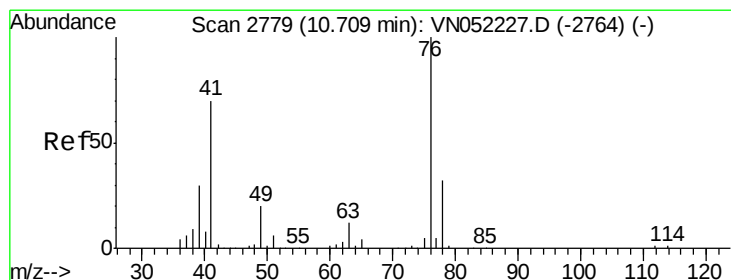
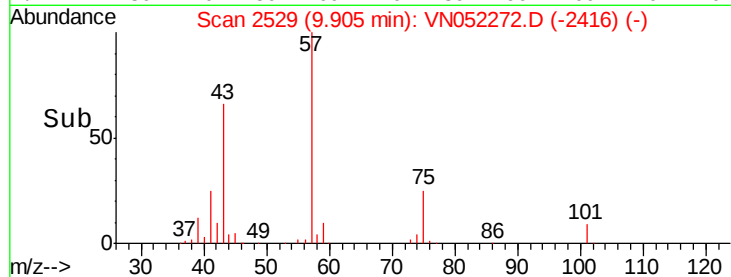
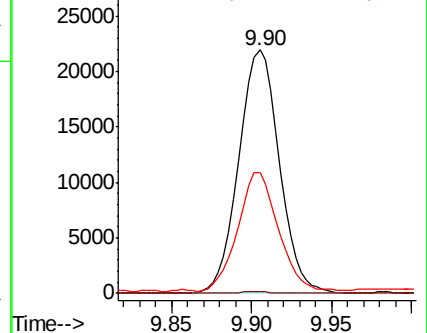
39 48.7 46.6 70.0



Abundance Ion 74.90 (74.60 to 75.60): VN052272.D (-2416) (-)

Ion 76.90 (76.60 to 77.60): VN052272.D (-2416) (-)

Ion 39.00 (38.70 to 39.70): VN052272.D (-2416) (-)



#57

1,3-Dichloropropane

Concen: 1.330 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN052272.D

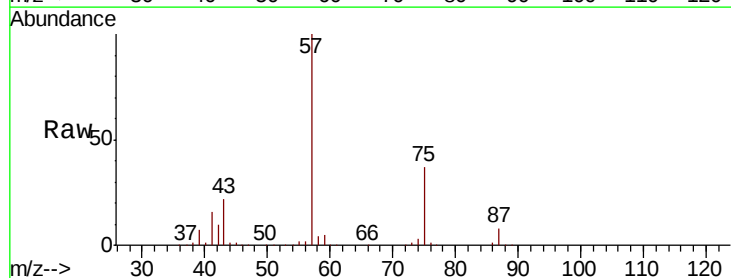
Acq: 12 Nov 2018 19:38

Tgt Ion: 76 Resp: 8731

Ion Ratio Lower Upper

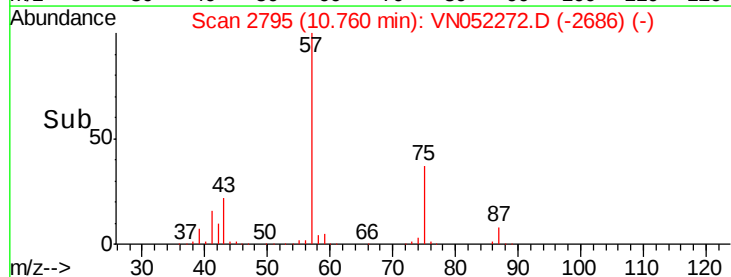
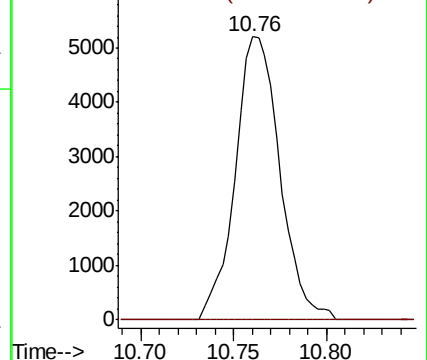
76 100

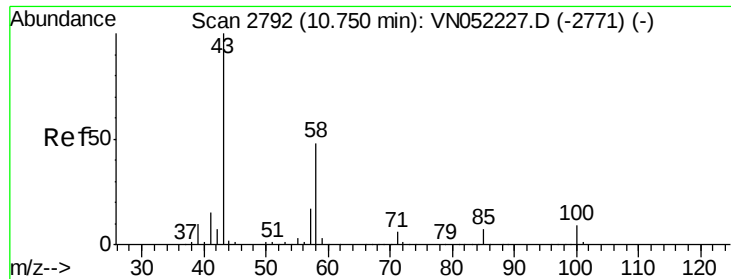
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN052272.D (-2686) (-)

Ion 77.90 (77.60 to 78.60): VN052272.D (-2686) (-)

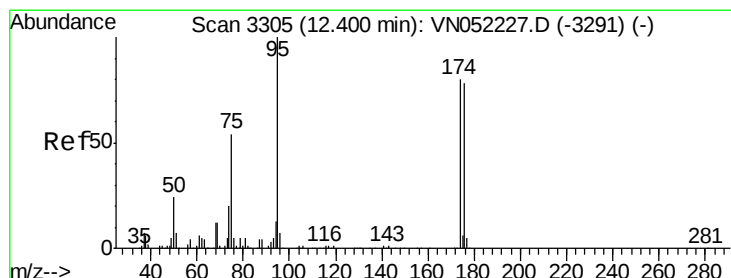
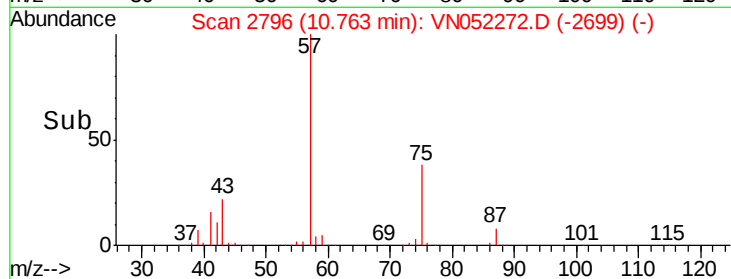
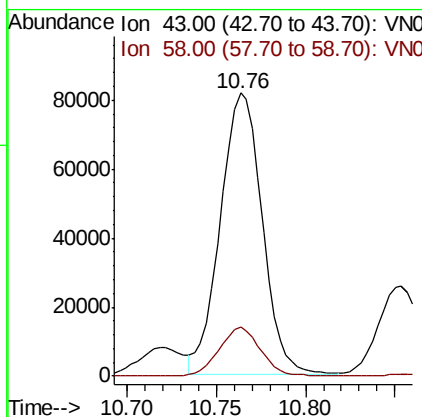
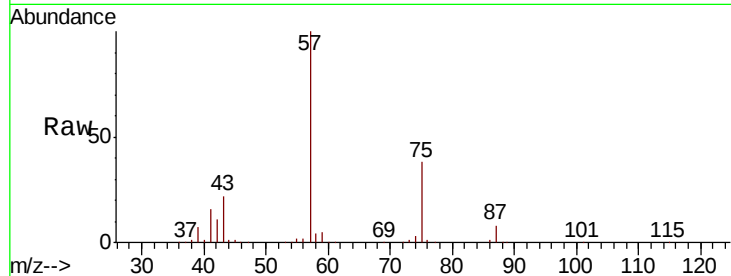




#59
2-Hexanone
Concen: 44.663 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

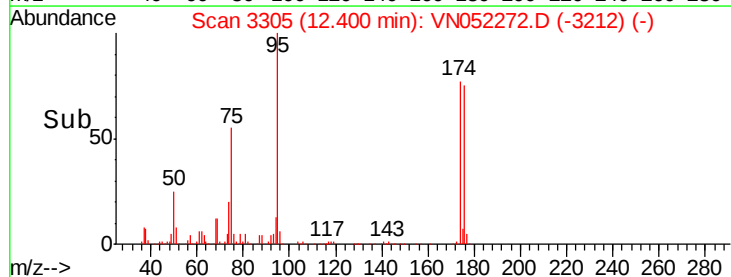
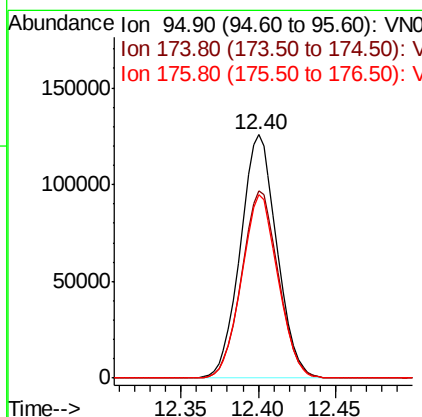
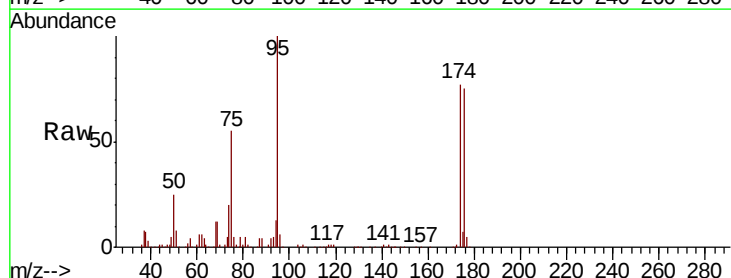
Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#16

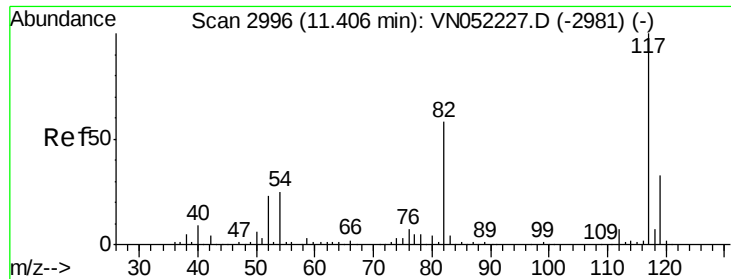
Tot Ion: 43 Resp: 133379
Ion Ratio Lower Upper
43 100
58 17.2 24.1 72.3#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

Tgt Ion: 95 Resp: 206219
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.4
176 75.4 0.0 157.8

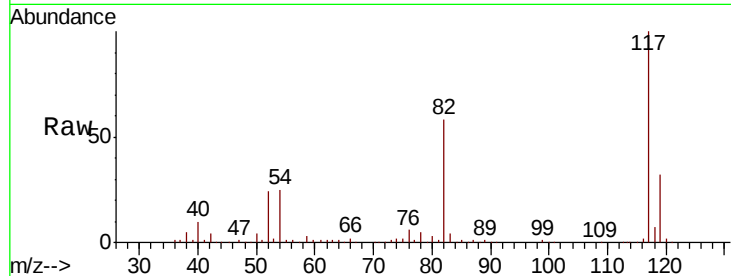




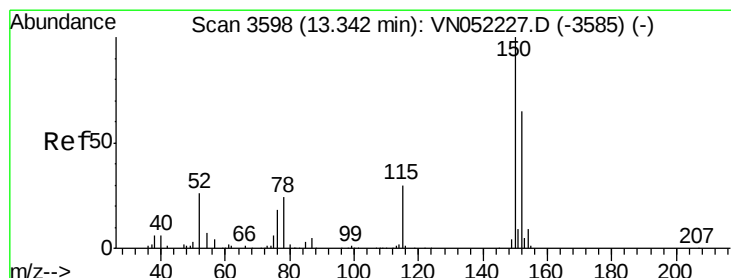
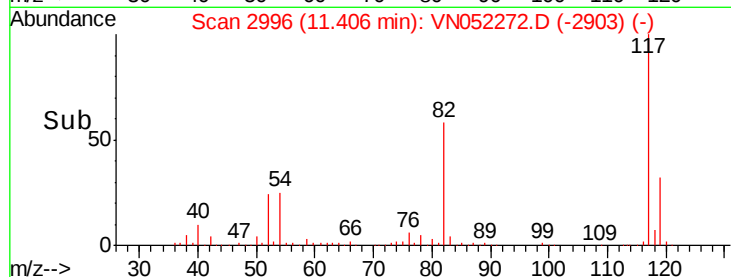
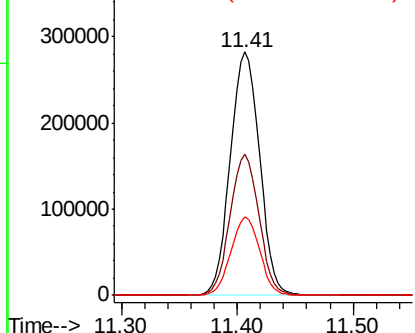
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#16

Tot Ion:117 Resp: 494558
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.2
119 32.2 26.2 39.4

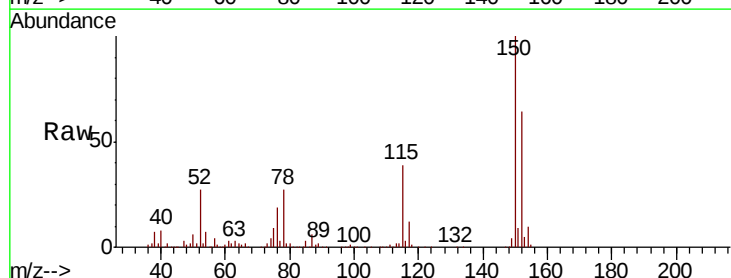


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

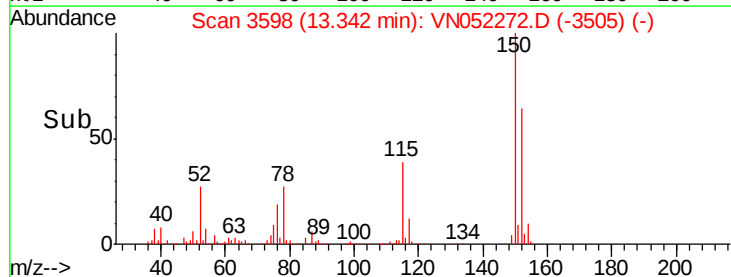
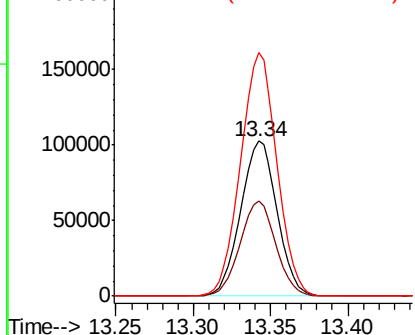


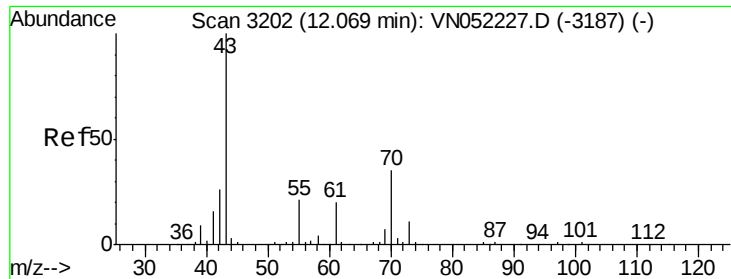
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052272.D
Acq: 12 Nov 2018 19:38

Tgt Ion:152 Resp: 167758
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.5
150 157.3 0.0 350.2



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





#74

N-amvl acetate

Concen: 3.122 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052272.D

Acq: 12 Nov 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#16

Tot Ion: 43 Resp: 15543

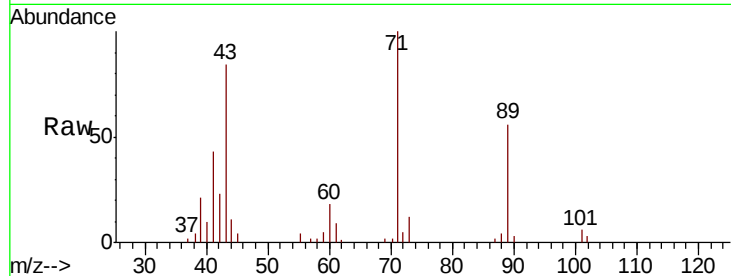
Ion Ratio Lower Upper

43 100

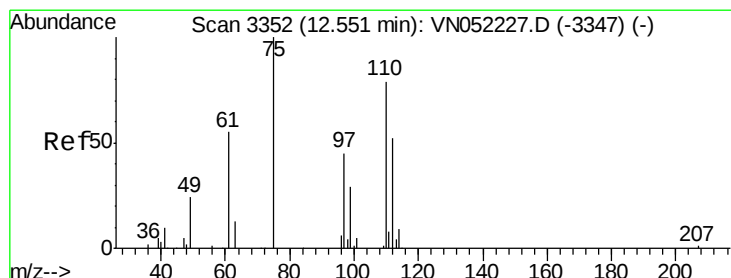
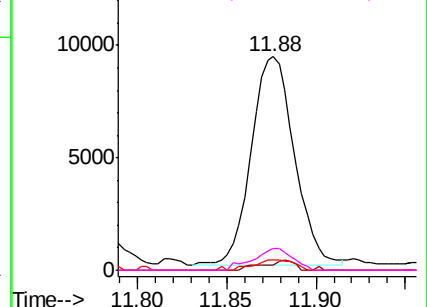
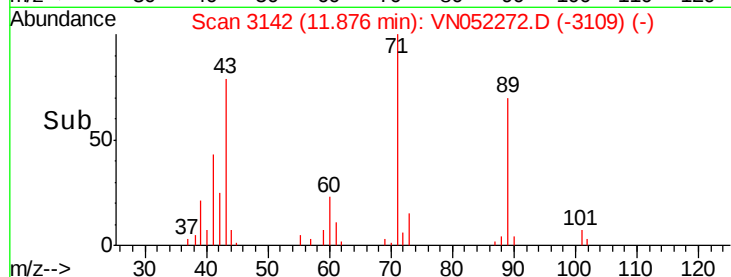
70 3.6 28.2 42.2#

55 4.7 17.4 26.2#

61 9.6 16.3 24.5#



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



#76

1,2,3-Trichloropropane

Concen: 38.571 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052272.D

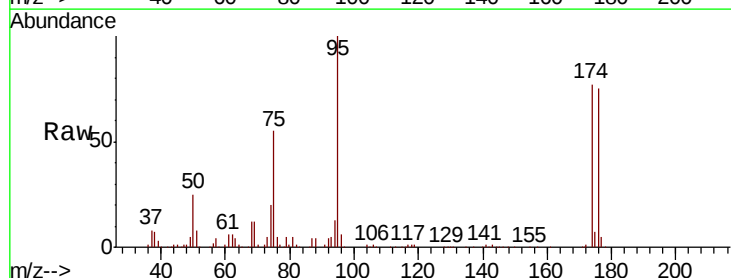
Acq: 12 Nov 2018 19:38

Tgt Ion: 75 Resp: 114483

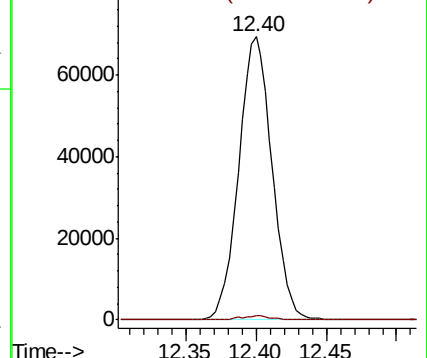
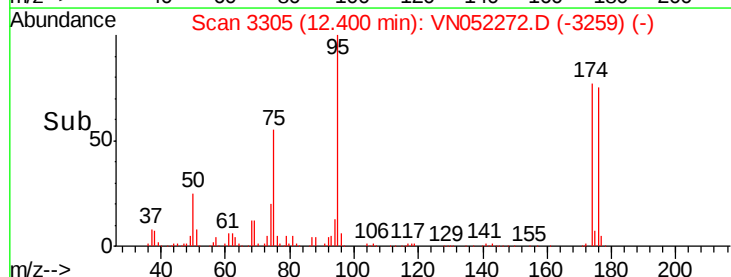
Ion Ratio Lower Upper

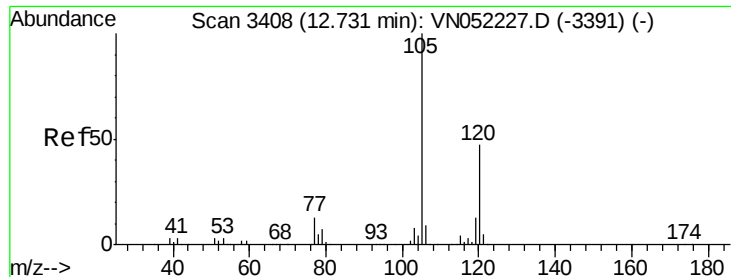
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.718 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052272.D

Acq: 12 Nov 2018 19:38

Instrument :

MSVOA_N

ClientSampleId :

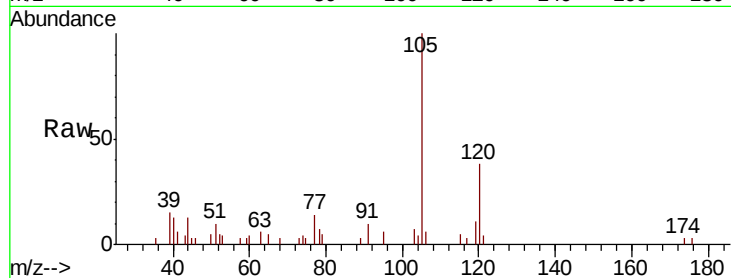
PB114678ZHE#16

Tot Ion:105 Resp: 7834

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

6000

5000

4000

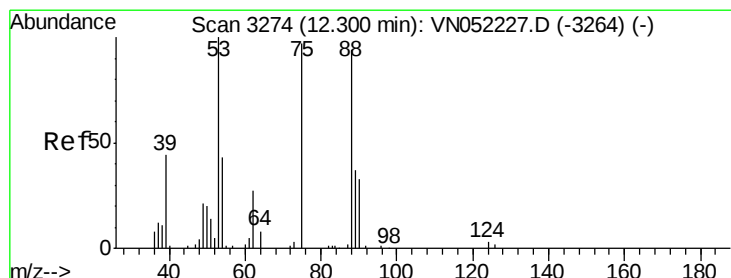
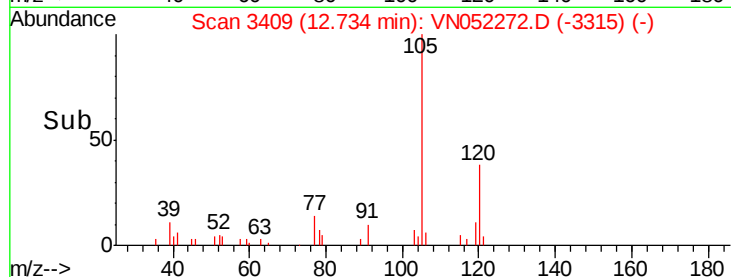
3000

2000

1000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 131.662 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052272.D

Acq: 12 Nov 2018 19:38

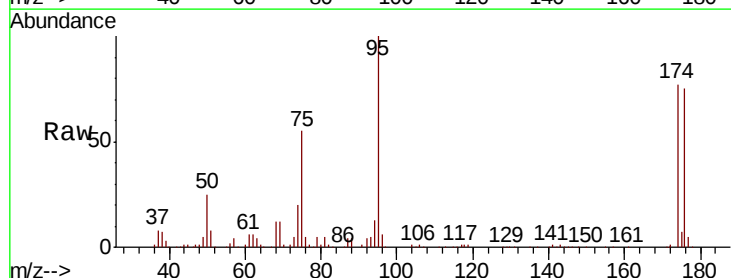
Tgt Ion: 75 Resp: 114483

Ion Ratio Lower Upper

75 100

53 0.0 84.0 126.0#

89 0.0 33.7 50.5#



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

12.40

80000

60000

40000

20000

0

Time-->

