

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052901.D
 Acq On : 14 Dec 2018 20:52
 Operator : MD\SY
 Sample : J6403-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 03:01:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1389484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2156378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1875967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	800294	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	723950	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.59	113	567482	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	10.09	98	2587966	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	841228	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

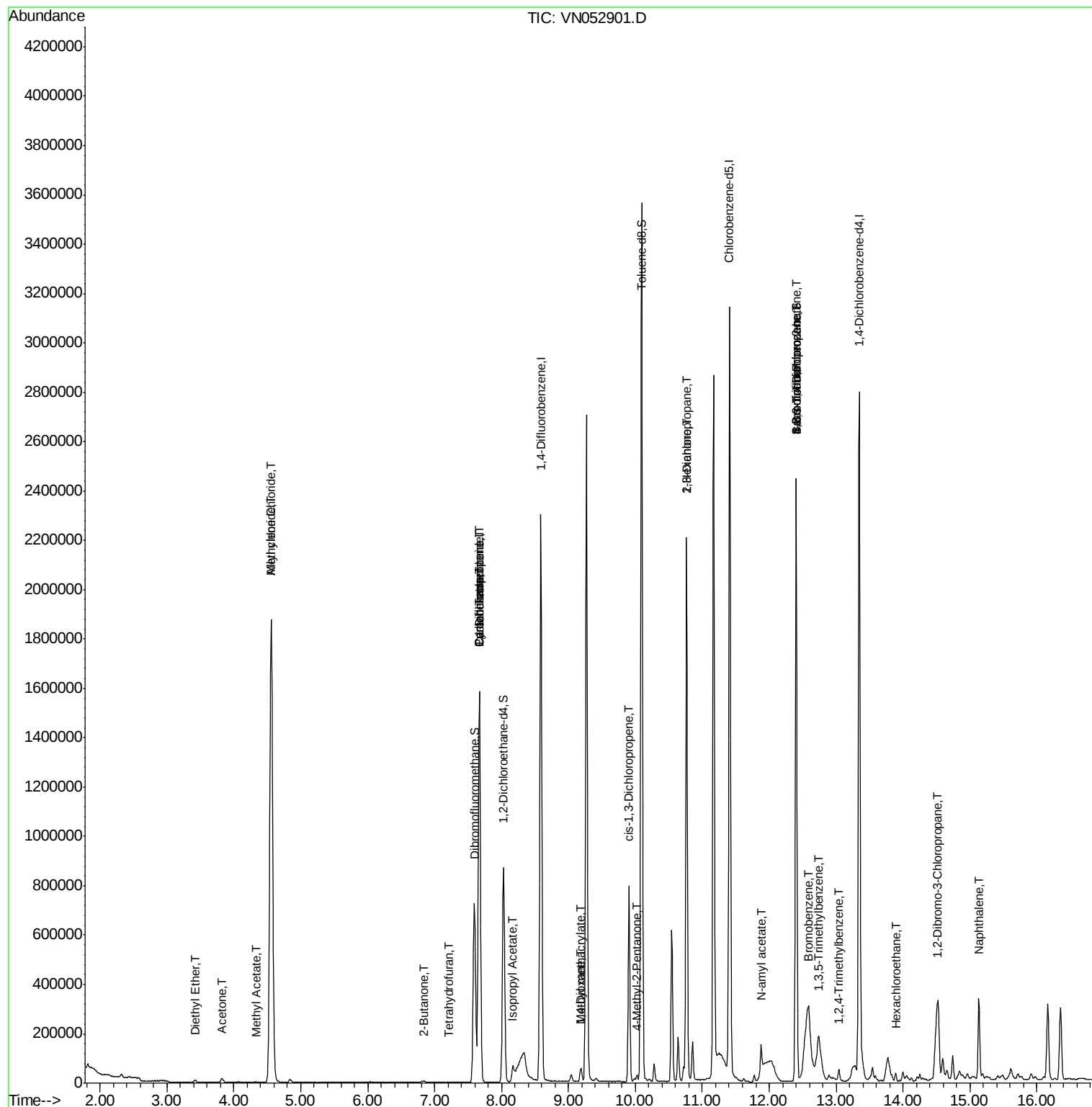
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	5251	0.676	ug/l	77
14) Allyl chloride	4.56	41	52414	2.512	ug/l #	24
16) Acetone	3.82	43	29528	8.899	ug/l	98
18) Methyl Acetate	4.33	43	5574	0.458	ug/l	92
20) Methylene Chloride	4.56	84	1464469	98.072	ug/l	99
25) 2-Butanone	6.84	43	6685	1.298	ug/l	99
29) Tetrahydrofuran	7.22	42	899	0.256	ug/l #	77
31) Cyclohexane	7.67	56	23144	0.348	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	93935	4.730	ug/l #	49
38) Carbon Tetrachloride	7.67	117	122948	6.727	ug/l #	16
43) Isopropyl Acetate	8.17	43	82648	3.379	ug/l #	79
48) Methyl methacrylate	9.18	41	20739	1.934	ug/l #	22
49) 1,4-Dioxane	9.20	88	33	0.271	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	22112	1.972	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	152581	6.778	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	22343	1.011	ug/l #	42
59) 2-Hexanone	10.77	43	312717	40.688	ug/l #	50
71) Bromoform	12.41	173	4763	0.518	ug/l #	1
74) N-amyl acetate	11.88	43	33475	2.041	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	400238	33.897	ug/l #	100
77) Bromobenzene	12.58	156	448420	29.505	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	17290	0.358	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	400238	108.894	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	27238	0.558	ug/l	95
90) Hexachloroethane	13.89	117	1714	0.205	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10589	5.246	ug/l #	1
95) Naphthalene	15.13	128	293338	10.029	ug/l	100

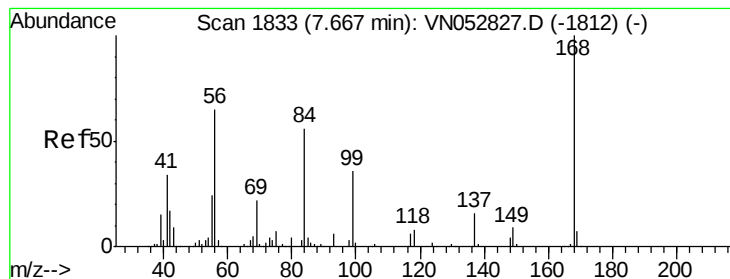
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121418\
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Quant Time: Dec 15 03:01:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 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: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

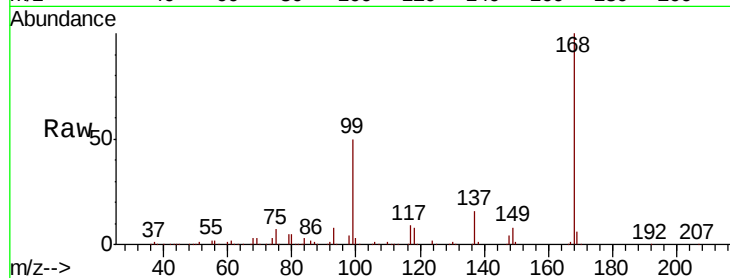
ClientSampleId :

Tot Ion:168 Resp: 1389484

Ion Ratio Lower Upper

168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

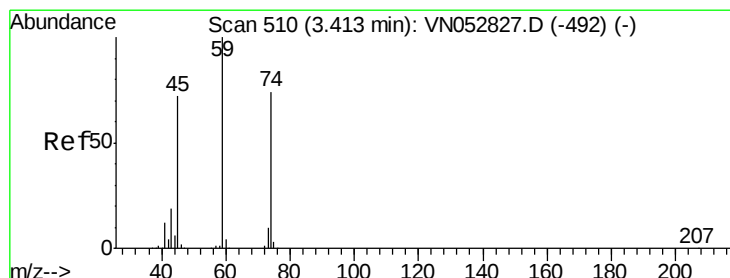
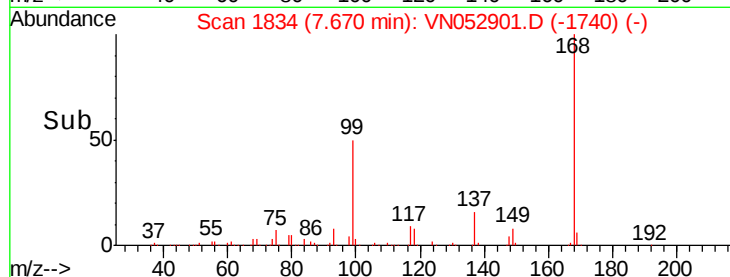
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.676 ug/l

RT: 3.42 min Scan# 513

Delta R.T. 0.01 min

Lab File: VN052901.D

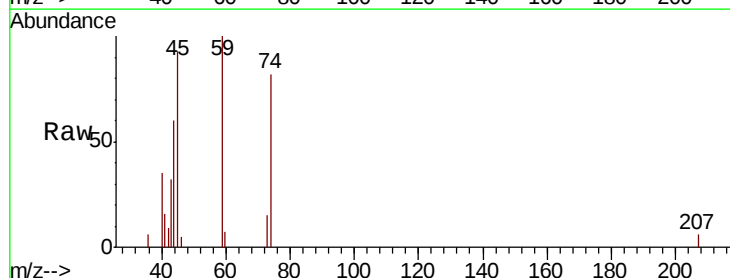
Acq: 14 Dec 2018 20:52

Tgt Ion: 74 Resp: 5251

Ion Ratio Lower Upper

74 100

45 121.1 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.42

3000

2500

2000

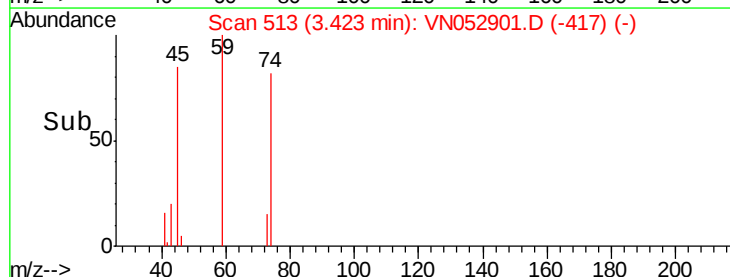
1500

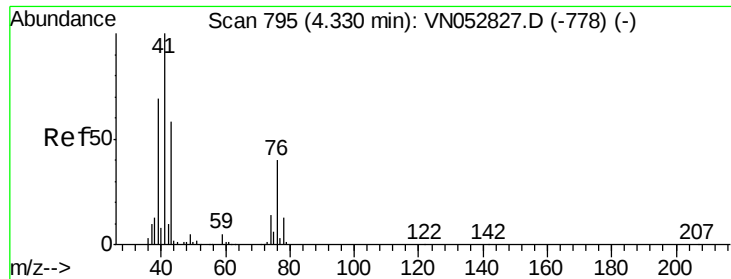
1000

500

0

Time-->

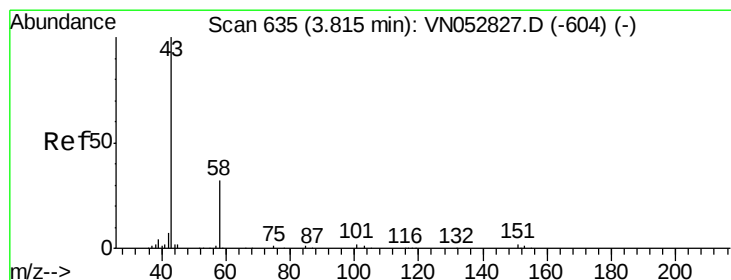
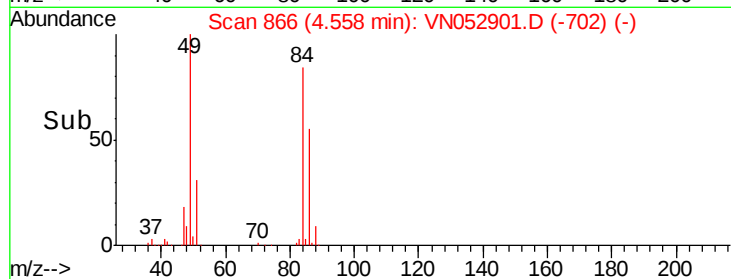
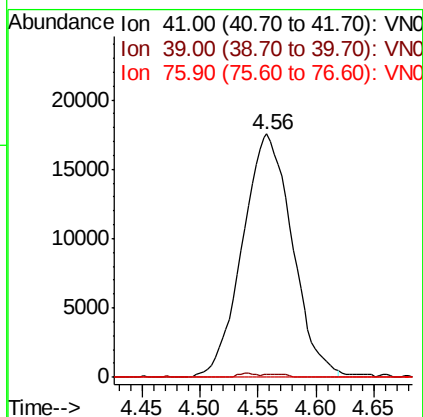
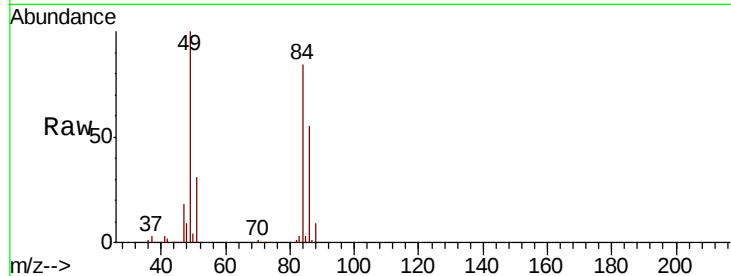




#14
Allvl chloride
Concen: 2.512 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.23 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

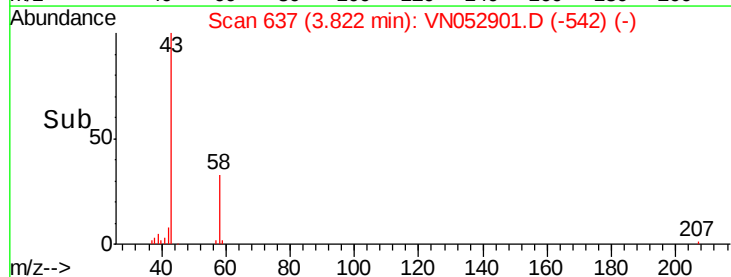
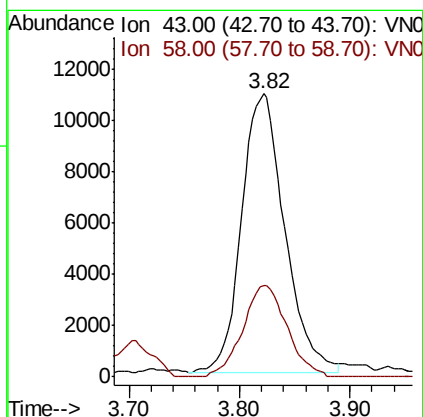
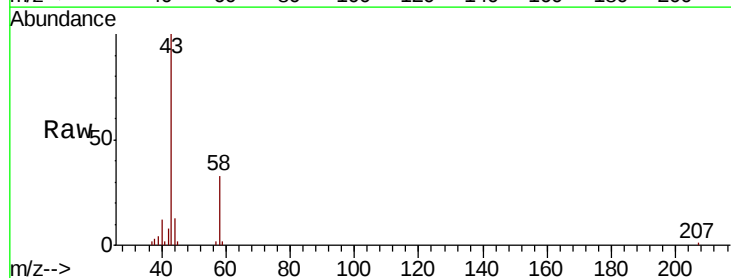
Instrument :
MSVOA_N
ClientSampleId :

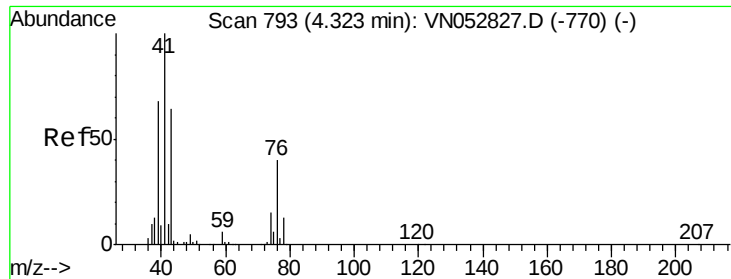
Tot Ion: 41 Resp: 52414
Ion Ratio Lower Upper
41 100
39 0.6 54.1 81.1#
76 0.0 30.3 45.5#



#16
Acetone
Concen: 8.899 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

Tgt Ion: 43 Resp: 29528
Ion Ratio Lower Upper
43 100
58 33.0 25.4 38.0

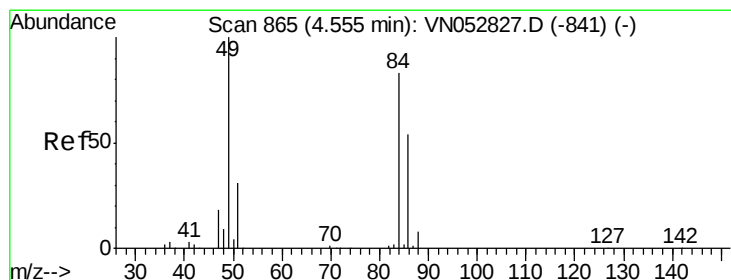
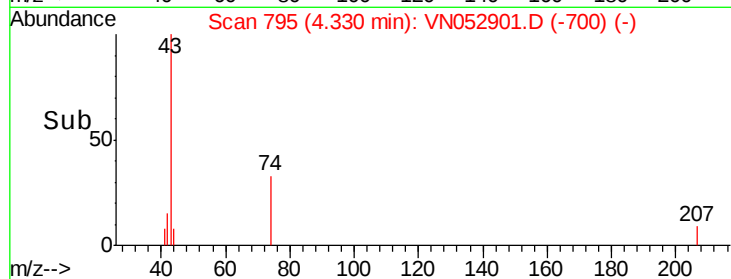
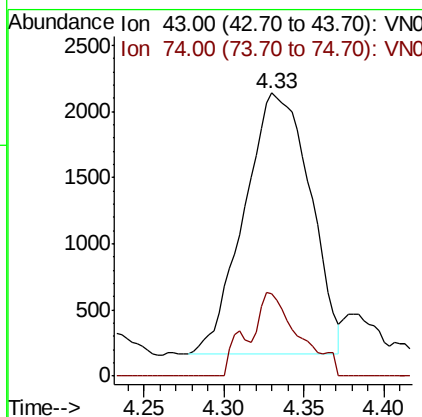
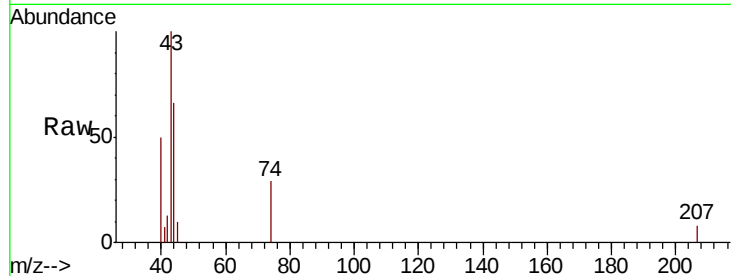




#18
Methyl Acetate
Concen: 0.458 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

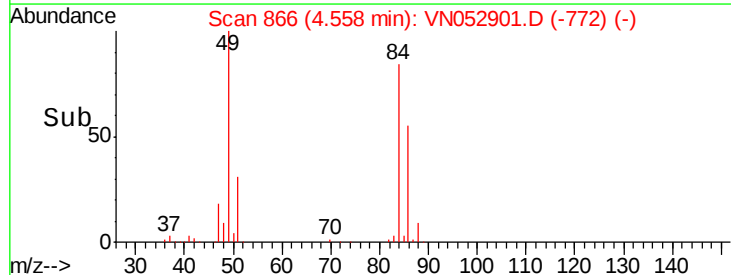
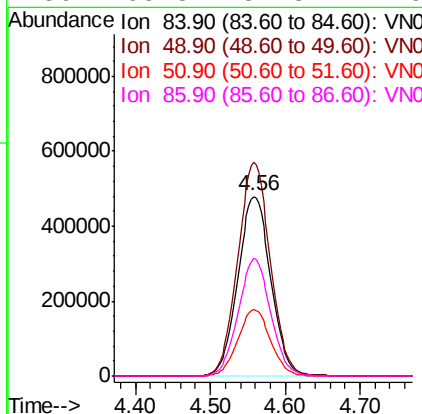
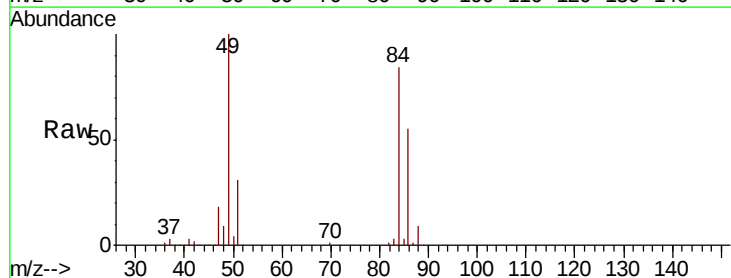
Instrument :
MSVOA_N
ClientSampleId :

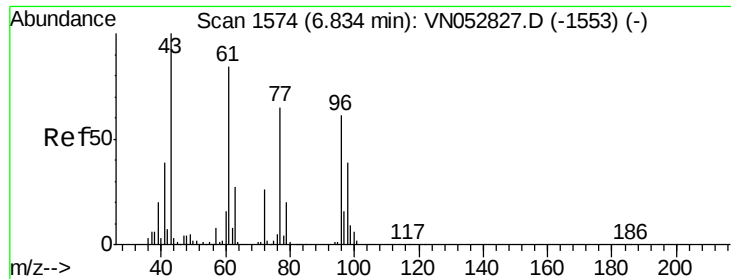
Tot Ion: 43 Resp: 5574
Ion Ratio Lower Upper
43 100
74 19.9 19.2 28.8



#20
Methylene Chloride
Concen: 98.072 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

Tgt Ion: 84 Resp: 1464469
Ion Ratio Lower Upper
84 100
49 118.9 96.8 145.2
51 37.0 29.9 44.9
86 65.3 51.8 77.6





#25

2-Butanone

Concen: 1.298 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

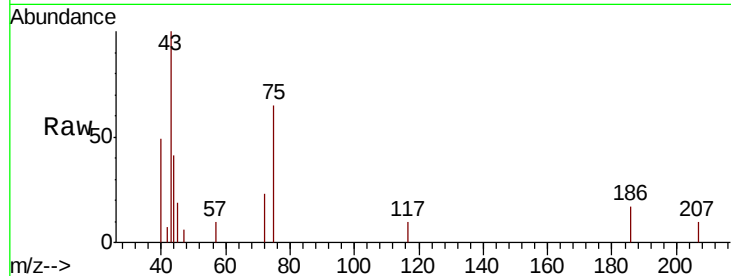
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 6685

Ion Ratio Lower Upper

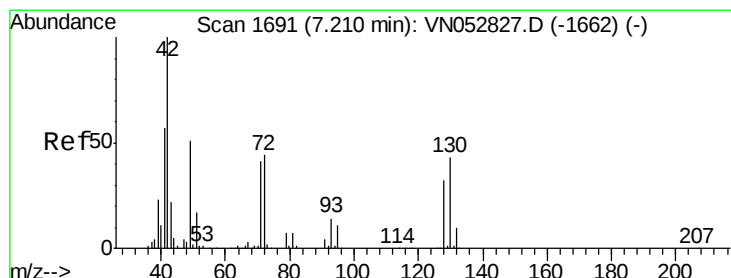
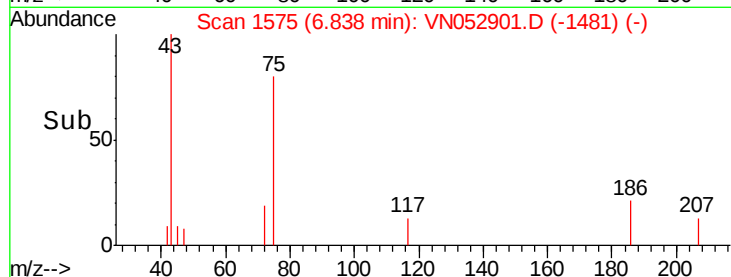
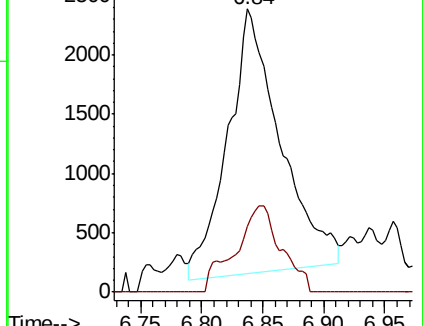
43 100

72 25.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1553) (-)

Ion 72.00 (71.70 to 72.70): VN052827.D (-1553) (-)



#29

Tetrahydrofuran

Concen: 0.256 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

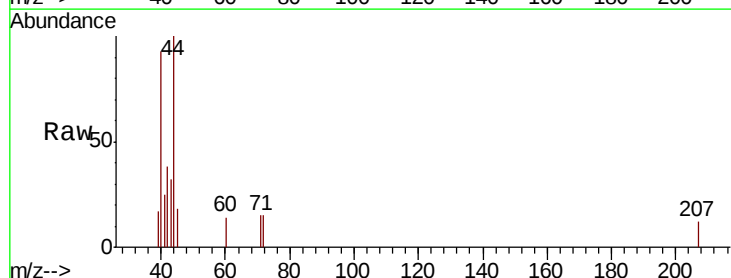
Tgt Ion: 42 Resp: 899

Ion Ratio Lower Upper

42 100

72 34.3 34.7 52.1#

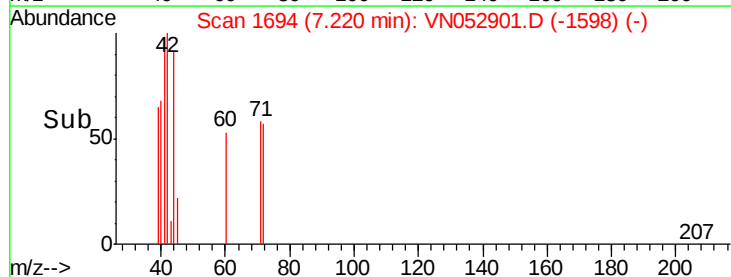
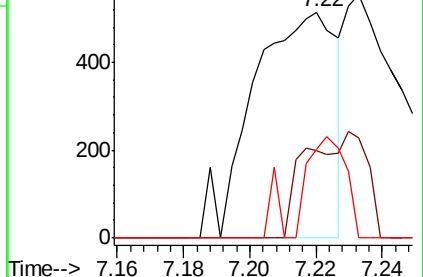
71 20.6 32.3 48.5#

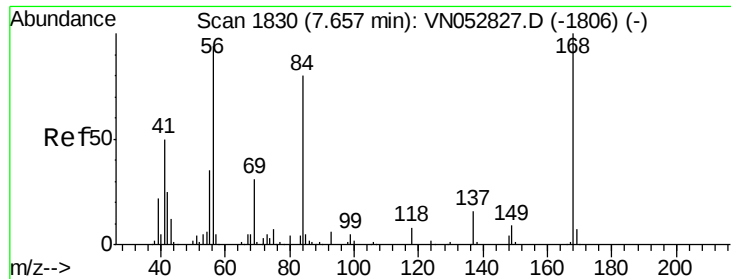


Abundance Ion 42.00 (41.70 to 42.70): VN052827.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN052827.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN052827.D (-1662) (-)

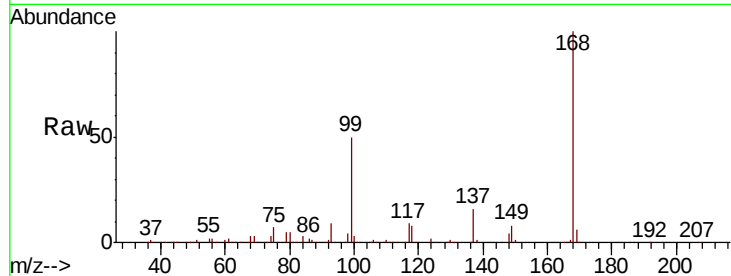




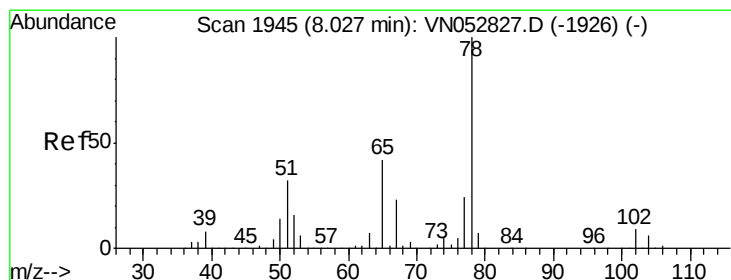
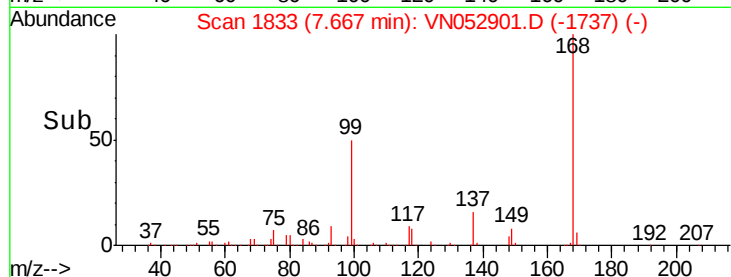
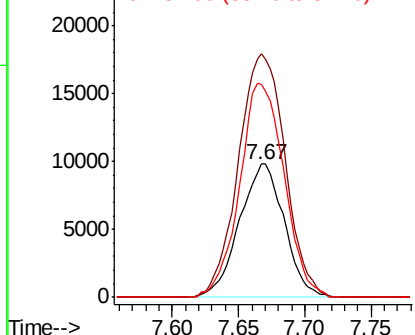
#31
Cyclohexane
Concen: 0.348 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 23144
Ion Ratio Lower Upper
56 100
69 182.6 26.6 39.8#
84 159.5 68.4 102.6#

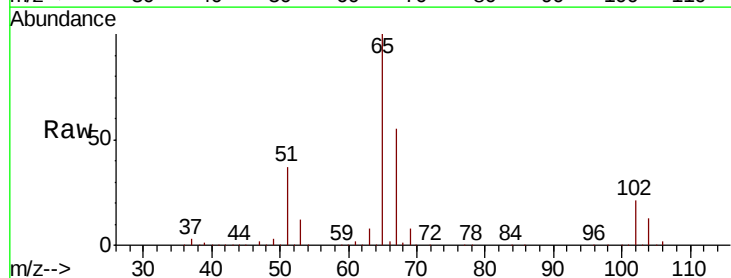


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

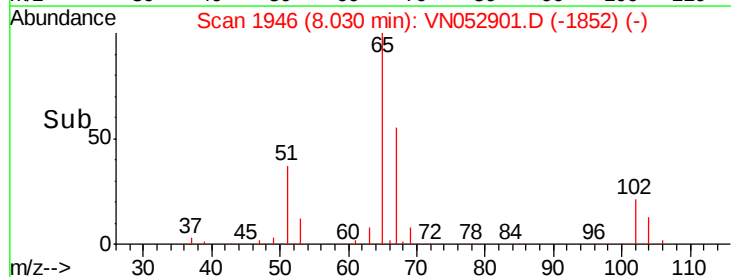
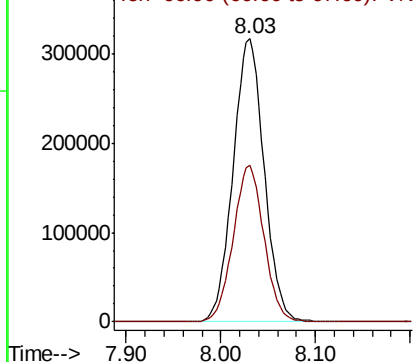


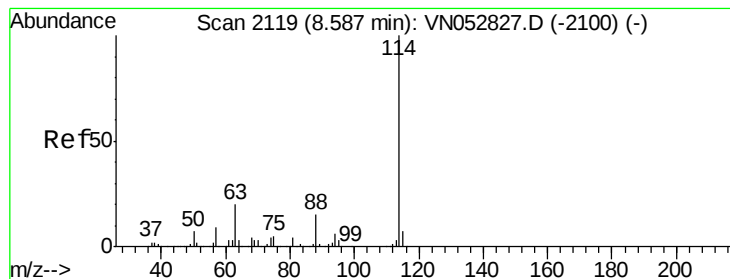
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

Tgt Ion: 65 Resp: 723950
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

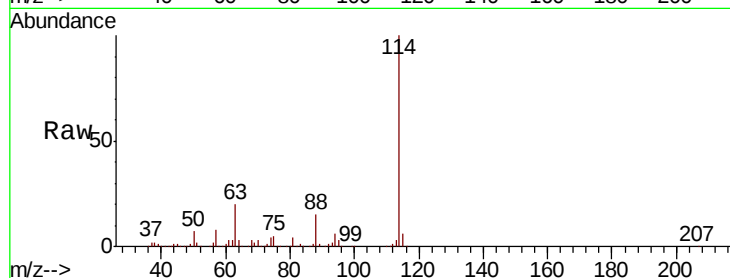
Tot Ion:114 Resp: 2156378

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

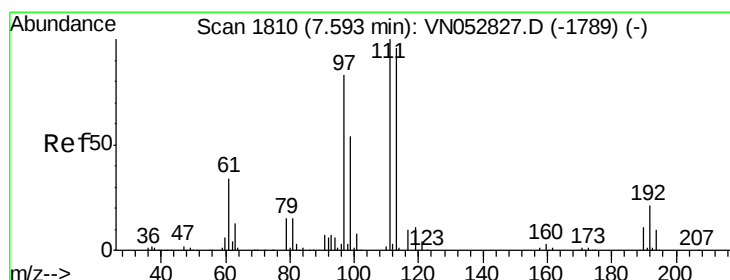
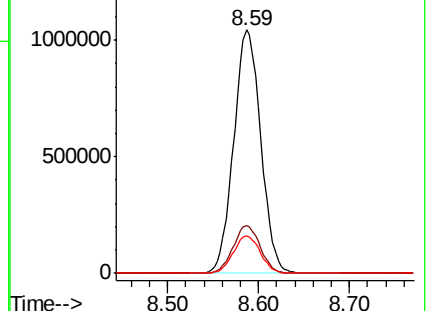
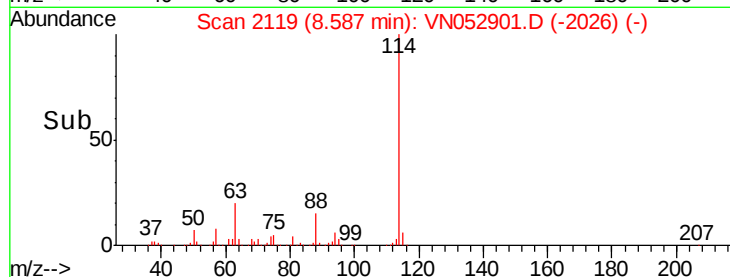
88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

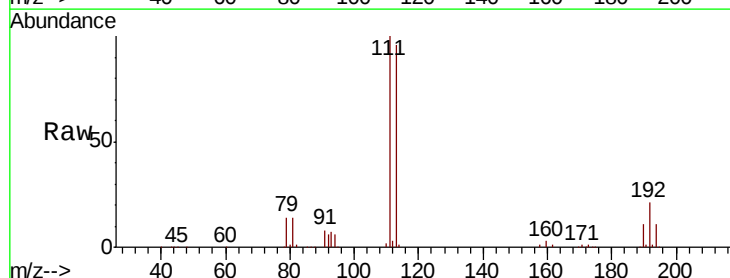
Tgt Ion:113 Resp: 567482

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

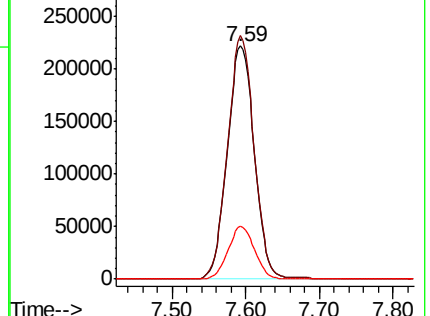
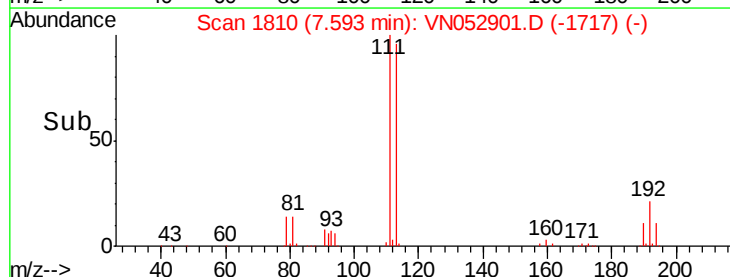
192 22.1 17.5 26.3

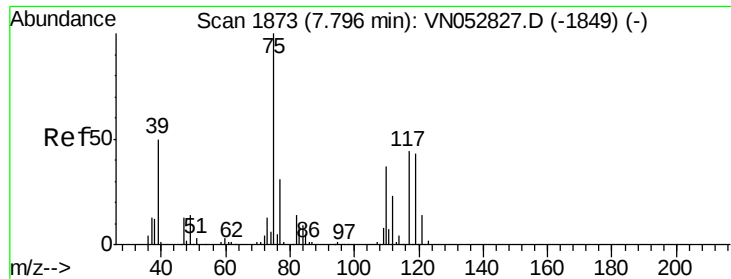


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

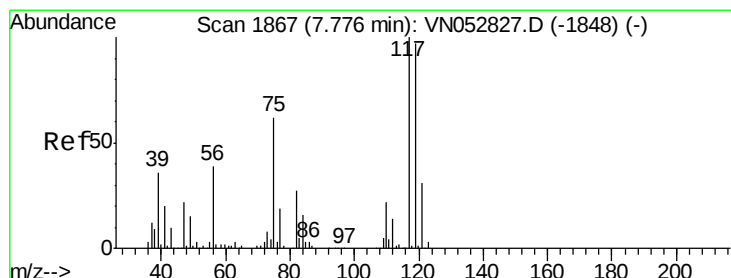
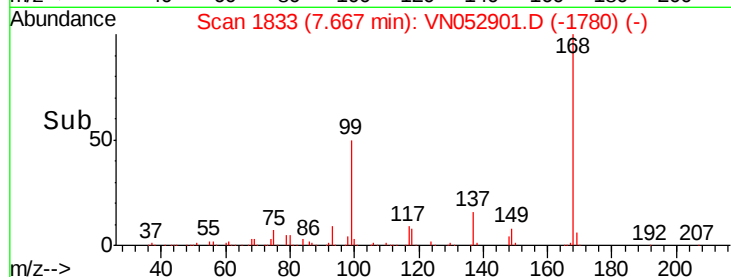
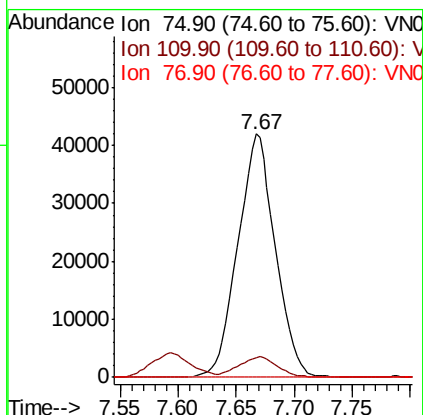
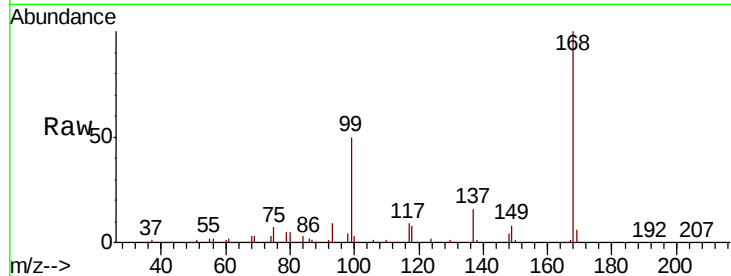




#36
 1,1-Dichloropropene
 Concen: 4.730 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052901.D
 Acq: 14 Dec 2018 20:52

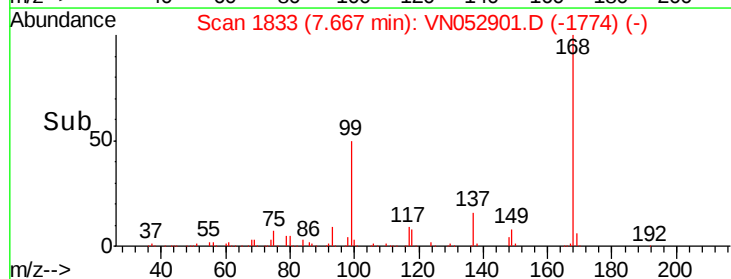
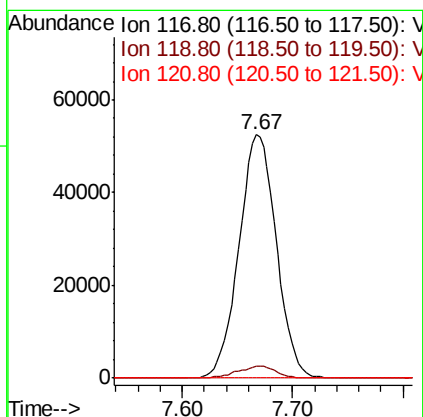
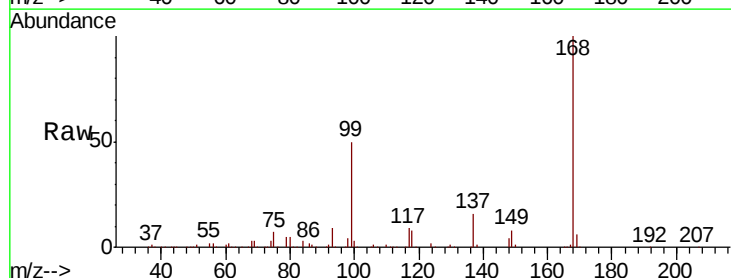
Instrument :
 MSVOA_N
 ClientSampled :

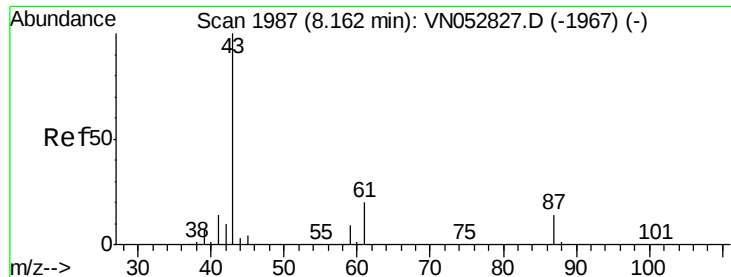
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.727 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052901.D
 Acq: 14 Dec 2018 20:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.1	115.7#
121	0.0	24.9	37.3#





#43

Isopropyl Acetate

Concen: 3.379 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

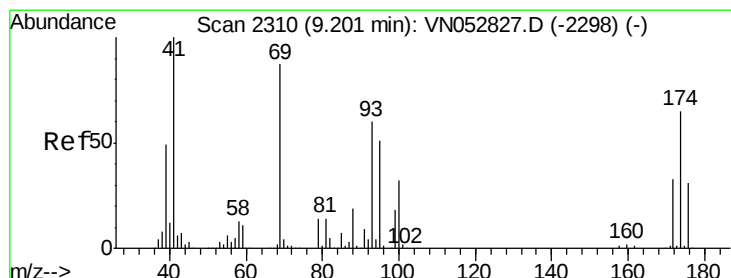
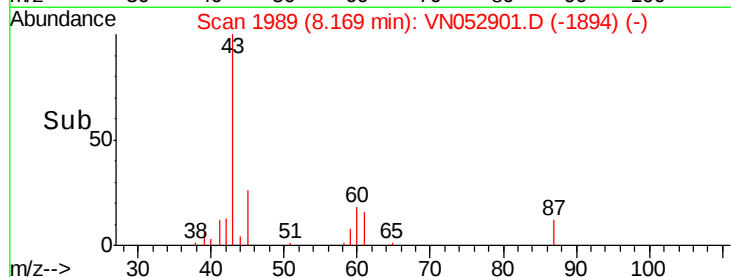
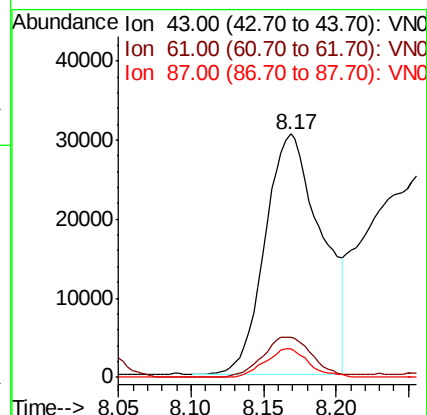
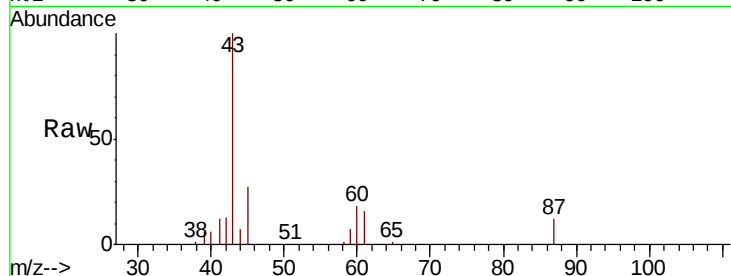
Tot Ion: 43 Resp: 82648

Ion Ratio Lower Upper

43 100

61 14.6 22.9 34.3#

87 9.1 10.6 15.8#



#48

Methyl methacrylate

Concen: 1.934 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

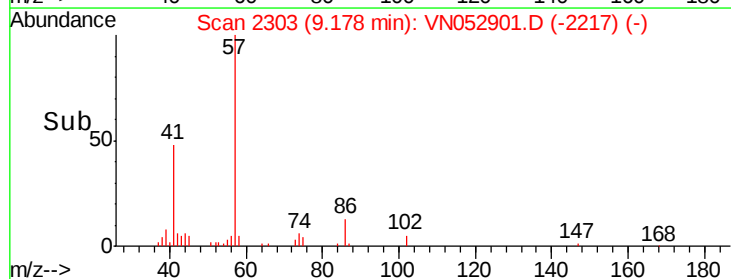
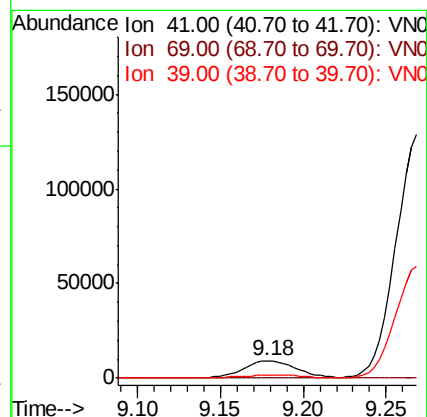
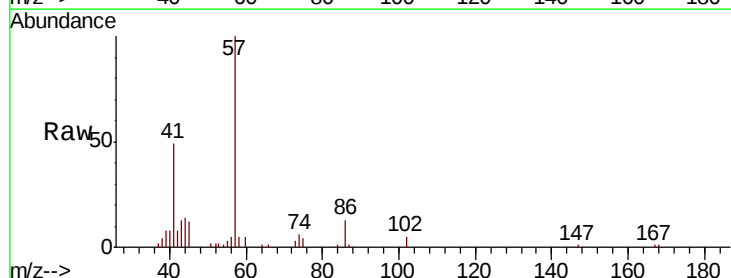
Tgt Ion: 41 Resp: 20739

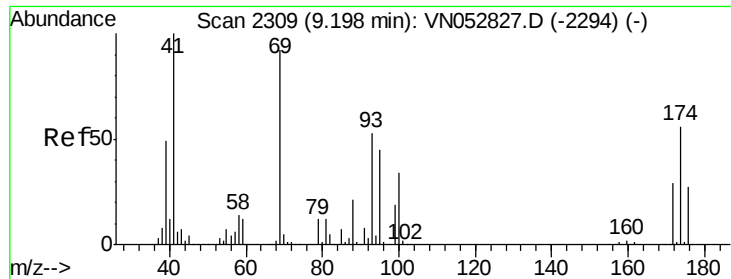
Ion Ratio Lower Upper

41 100

69 0.0 72.2 108.2#

39 19.3 41.9 62.9#

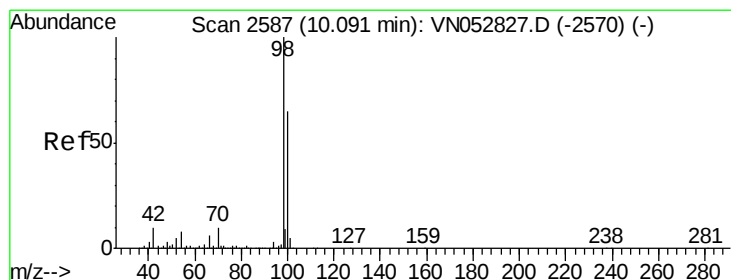
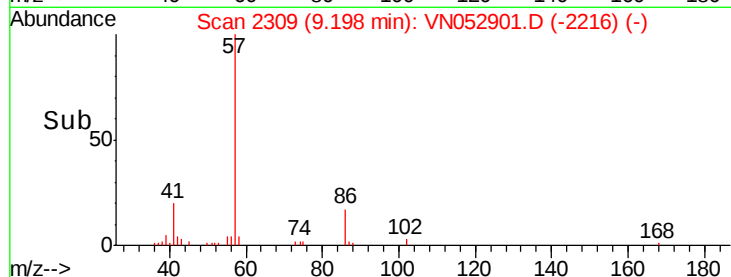
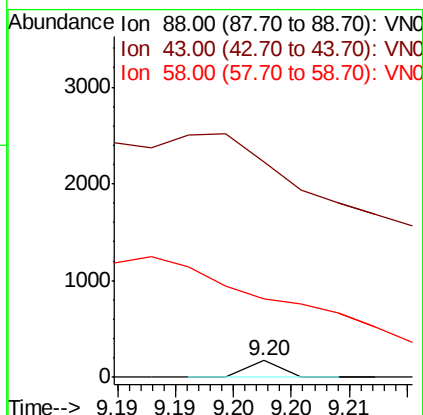
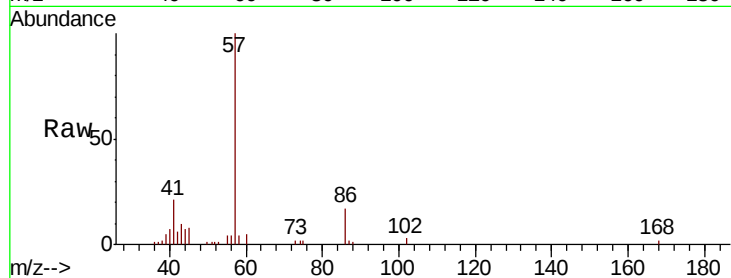




#49
 1,4-Dioxane
 Concen: 0.271 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN052901.D
 Acq: 14 Dec 2018 20:52

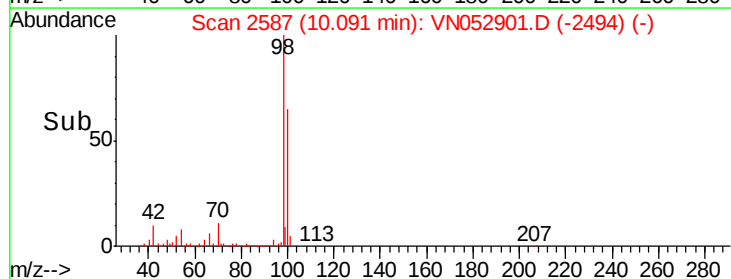
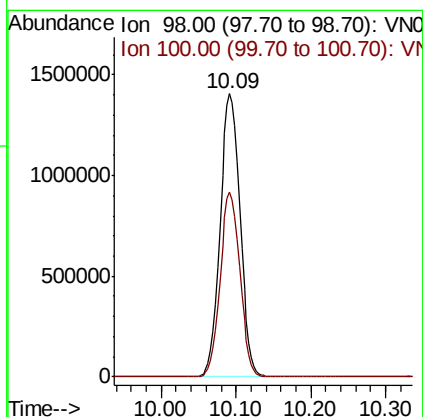
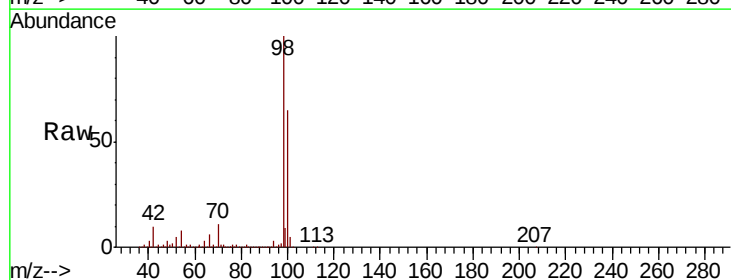
Instrument :
 MSVOA_N
 ClientSampleId :

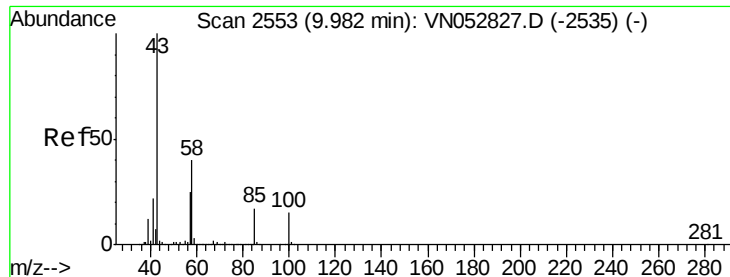
Tot Ion: 88 Resp: 33
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 40.0#
 58 8875.8 58.4 87.6#



#50
 Toluene-d8
 Concen: 0.271 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN052901.D
 Acq: 14 Dec 2018 20:52

Tgt Ion: 98 Resp: 2587966
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 1.972 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

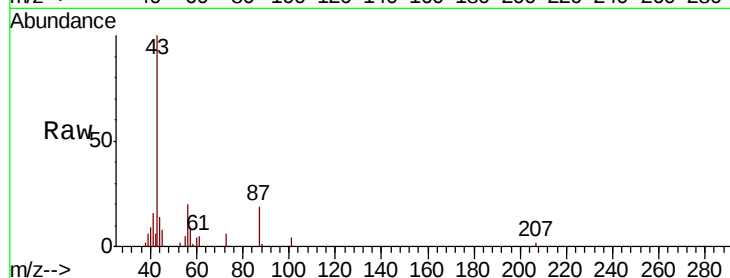
ClientSampled :

Tot Ion: 43 Resp: 22112

Ion Ratio Lower Upper

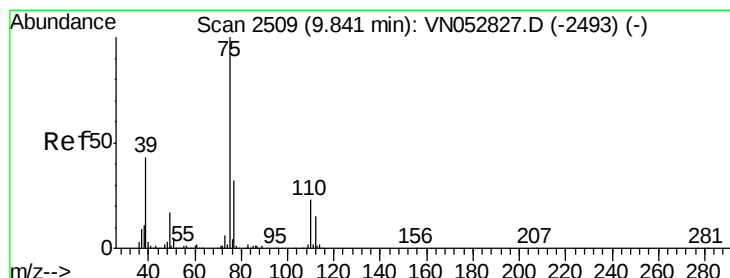
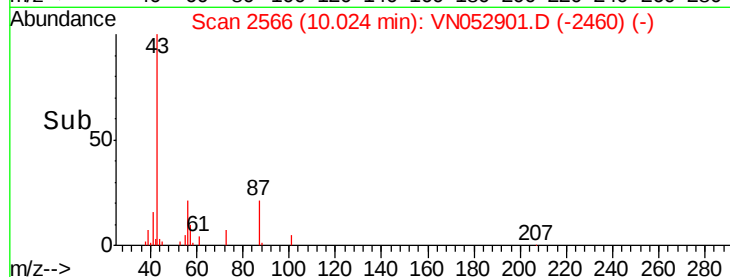
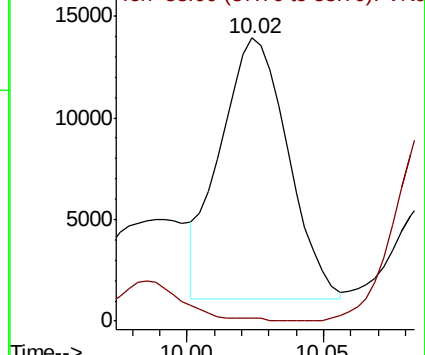
43 100

58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.778 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

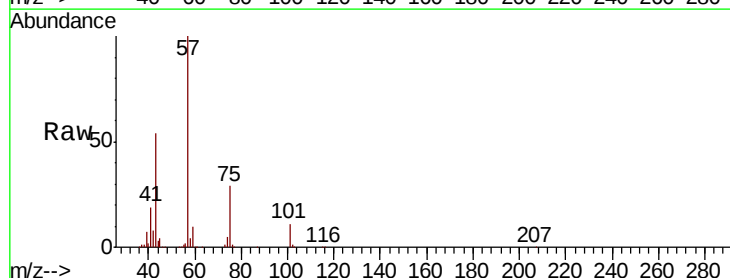
Tgt Ion: 75 Resp: 152581

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.8#

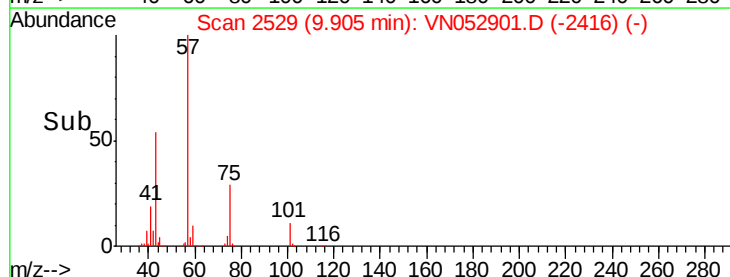
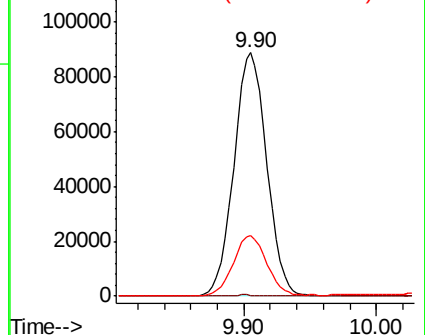
39 24.8 34.8 52.2#

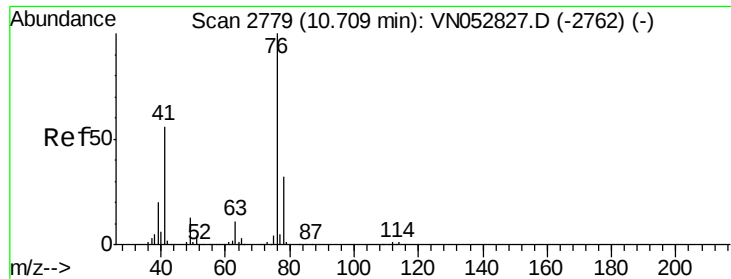


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

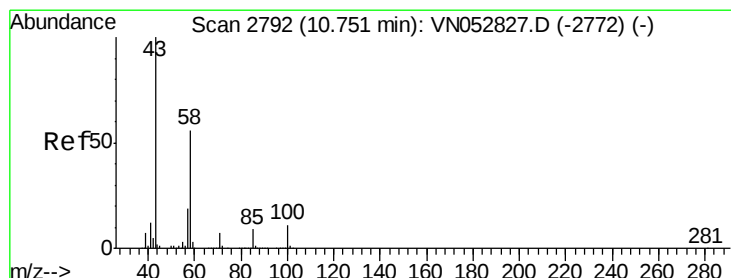
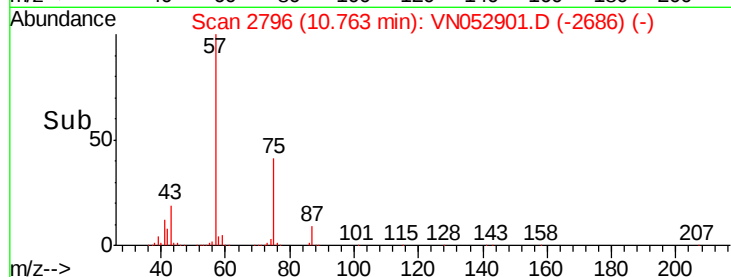
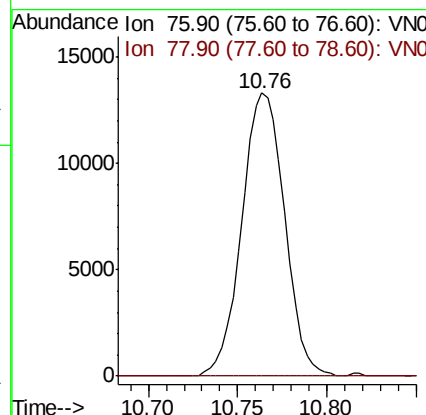
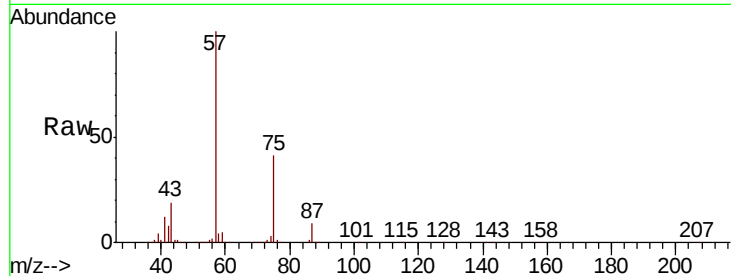




#57
 1,3-Dichloropropane
 Concen: 1.011 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN052901.D
 Acq: 14 Dec 2018 20:52

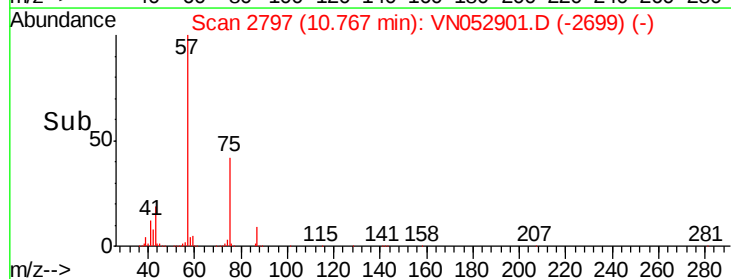
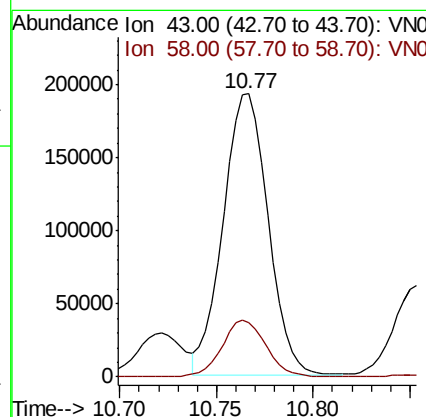
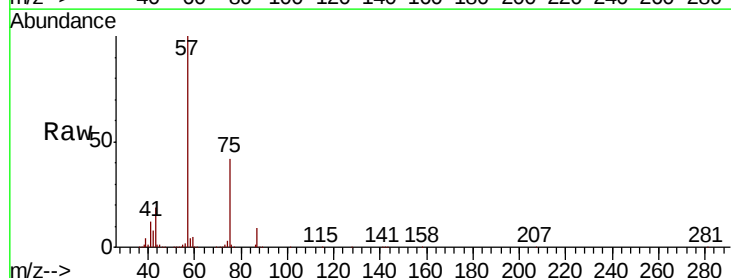
Instrument :
 MSVOA_N
 ClientSampled :

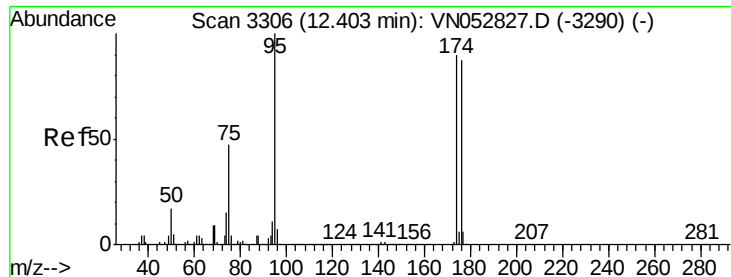
Tot Ion: 76 Resp: 22343
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 40.688 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.02 min
 Lab File: VN052901.D
 Acq: 14 Dec 2018 20:52

Tgt Ion: 43 Resp: 312717
 Ion Ratio Lower Upper
 43 100
 58 19.8 28.1 84.3#

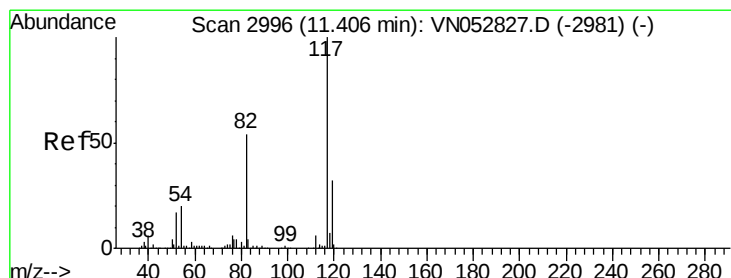
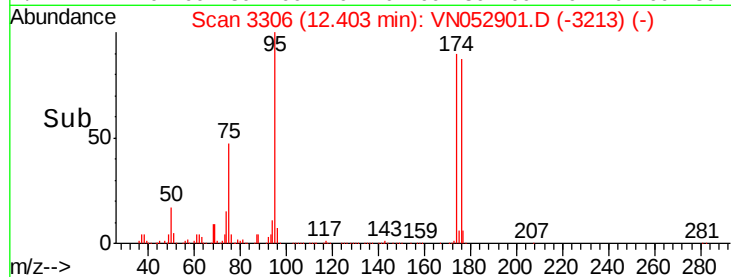
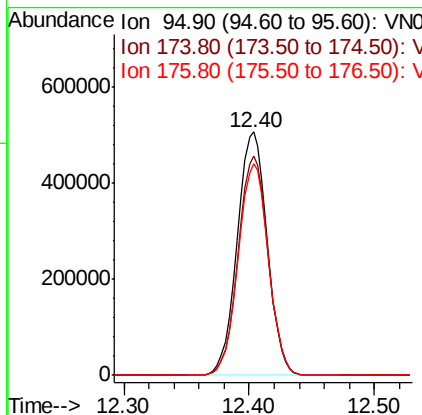
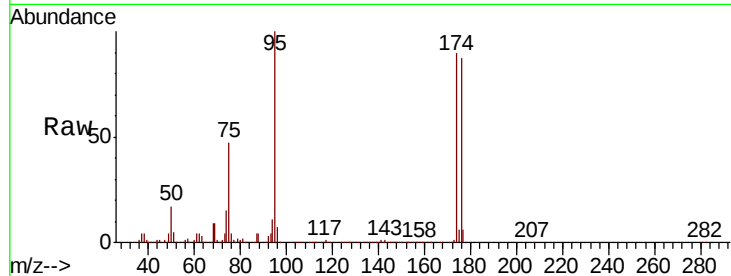




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

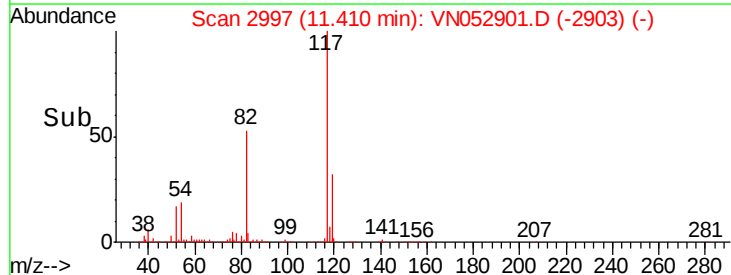
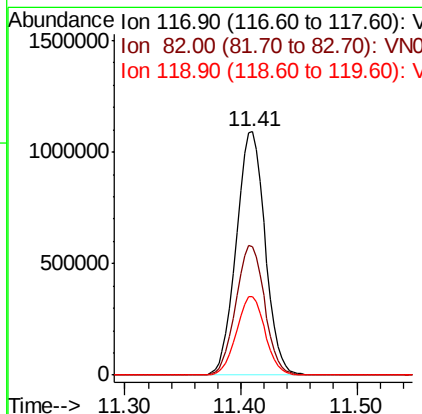
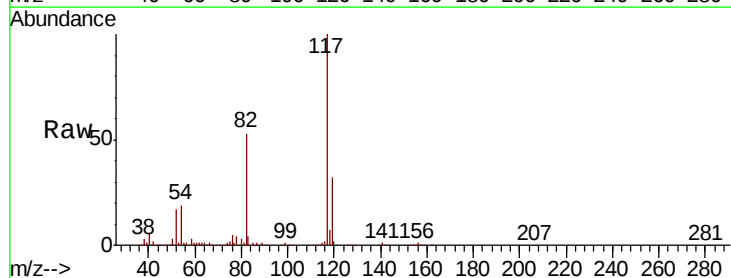
Instrument :
MSVOA_N
ClientSampleId :

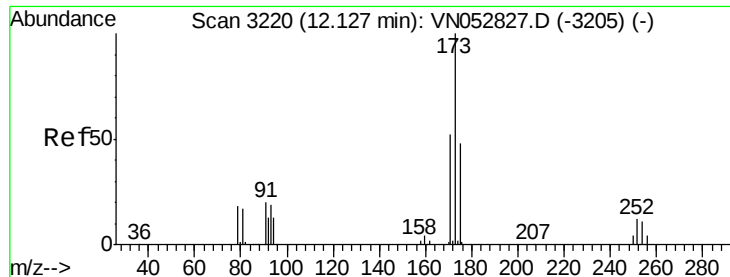
Tot Ion: 95 Resp: 841228
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.8
176 87.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

Tgt Ion: 117 Resp: 1875967
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.3 25.5 38.3





#71

Bromoform

Concen: 0.518 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampled :

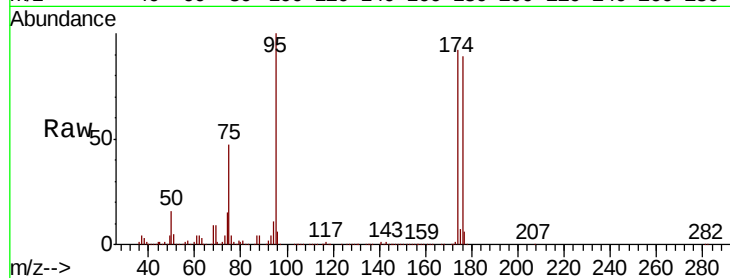
Tot Ion:173 Resp: 4763

Ion Ratio Lower Upper

173 100

175 981.8 24.3 72.9#

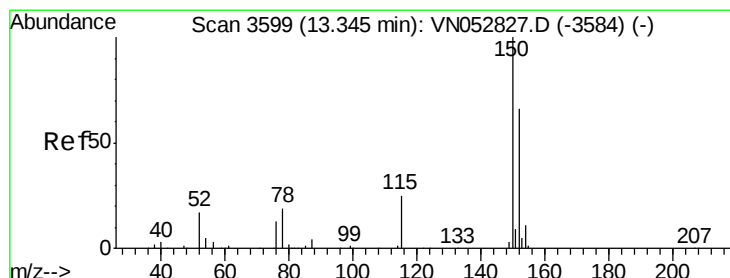
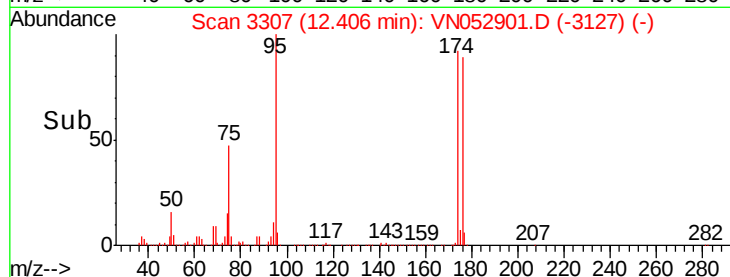
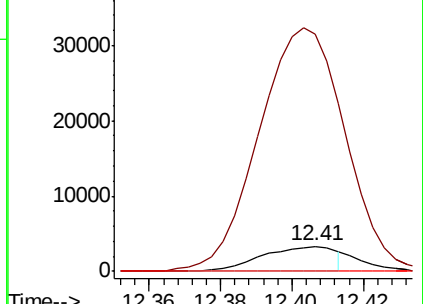
254 0.0 0.1 0.1#



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: VN052901.D

Acq: 14 Dec 2018 20:52

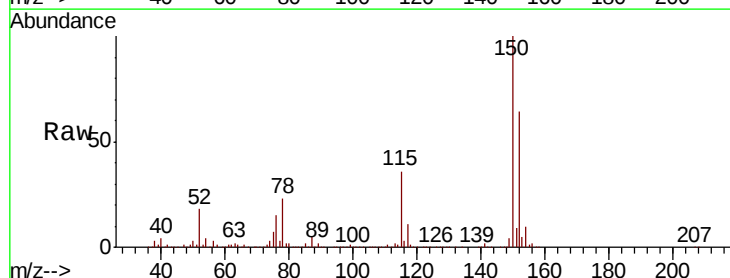
Tgt Ion:152 Resp: 800294

Ion Ratio Lower Upper

152 100

115 58.3 28.3 85.0

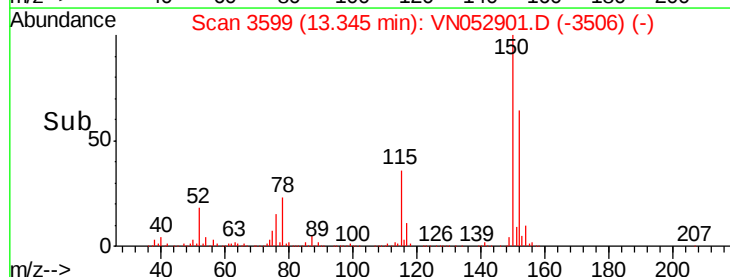
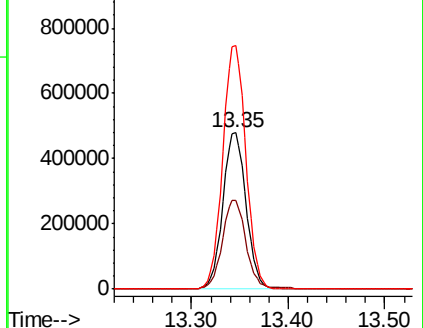
150 154.2 0.0 347.8

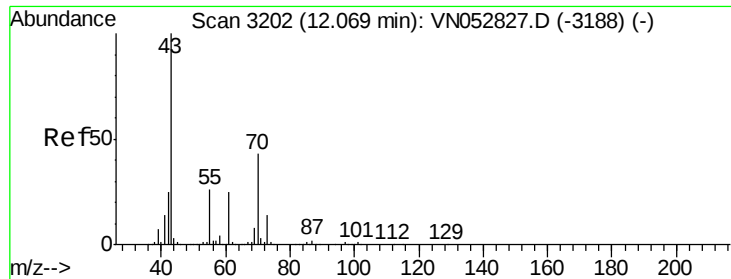


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.041 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 33475

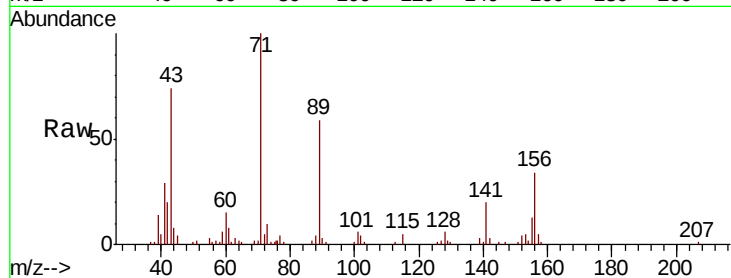
Ion Ratio Lower Upper

43 100

70 2.1 34.2 51.4#

55 4.8 20.3 30.5#

61 12.5 20.0 30.0#

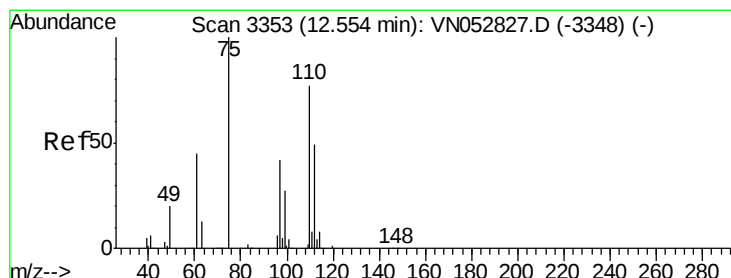
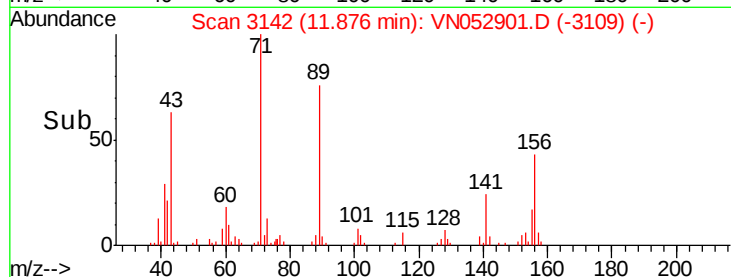
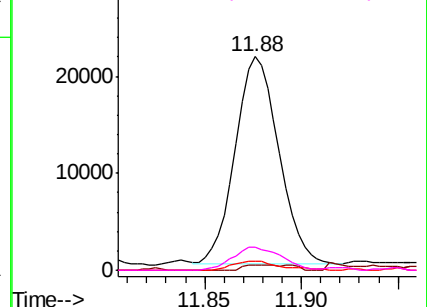


Abundance Ion 43.00 (42.70 to 43.70): VNC

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: 33.897 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052901.D

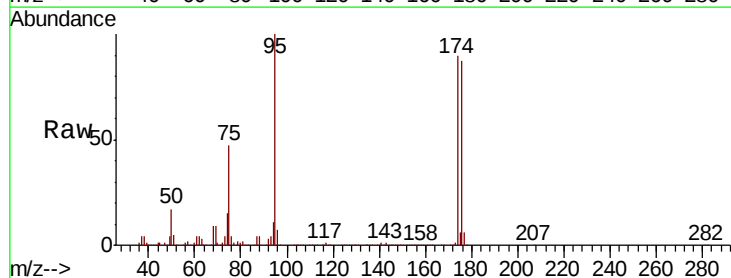
Acq: 14 Dec 2018 20:52

Tgt Ion: 75 Resp: 400238

Ion Ratio Lower Upper

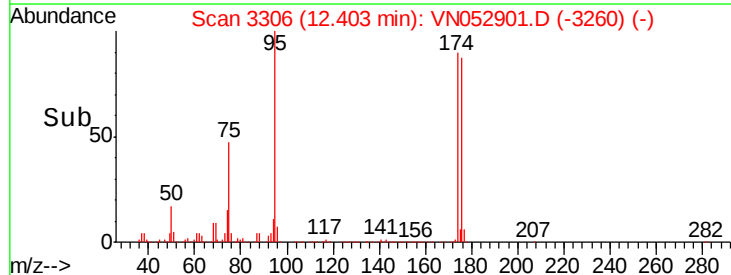
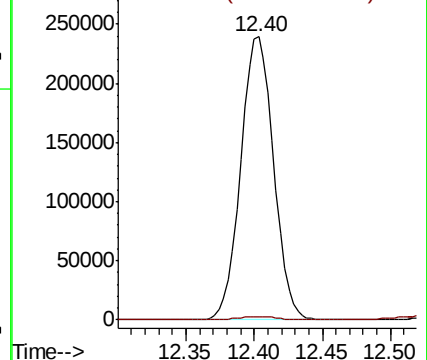
75 100

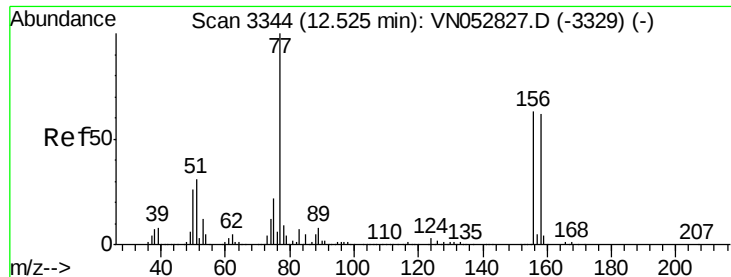
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 29.505 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.06 min

Lab File: VN052901.D

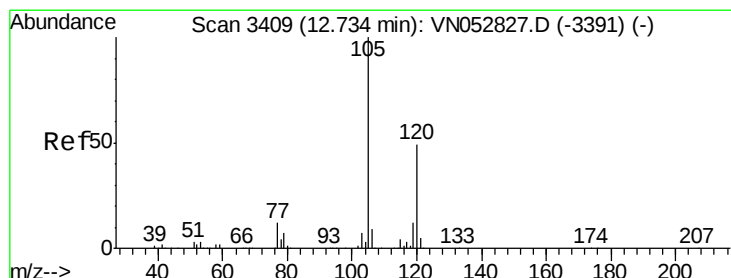
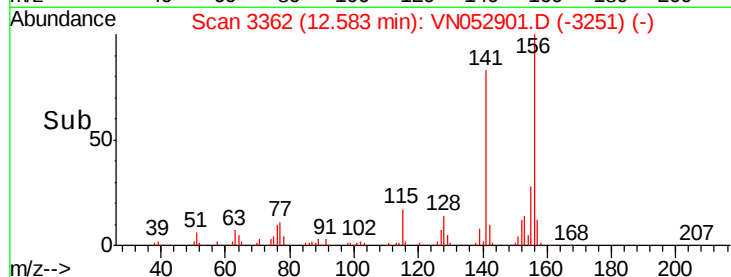
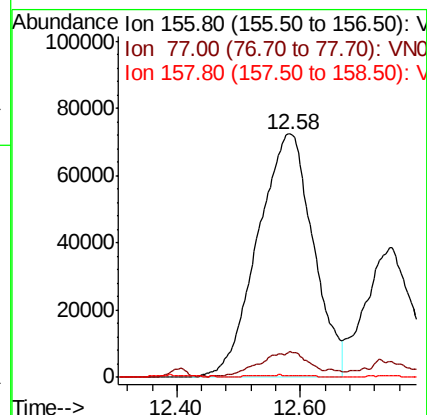
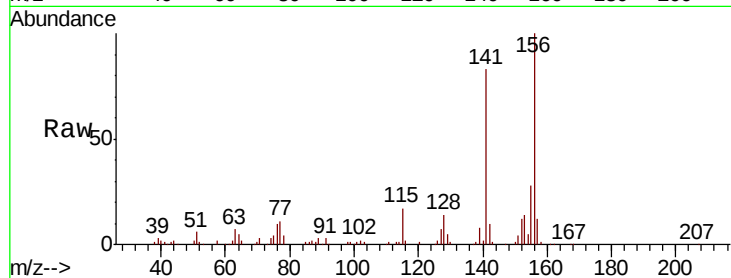
Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:156 Resp: 448420
 Ion Ratio Lower Upper
 156 100
 77 4.4 91.3 273.8#
 158 0.1 49.0 147.2#



#80

1,3,5-Trimethylbenzene

Concen: 0.358 ug/l

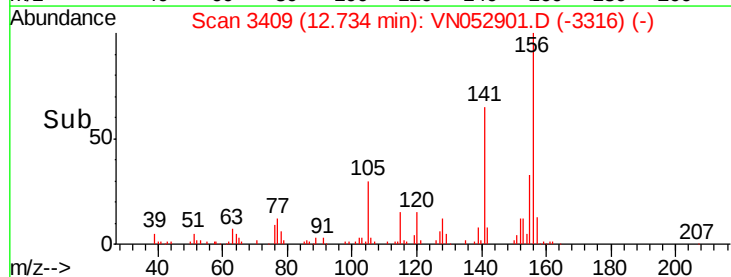
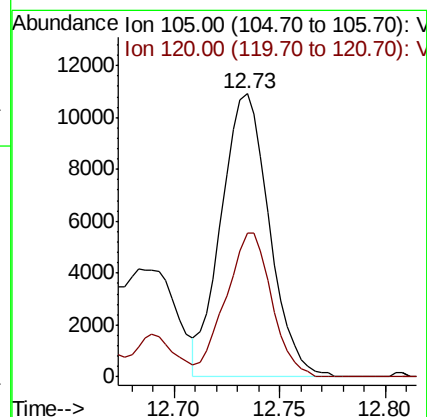
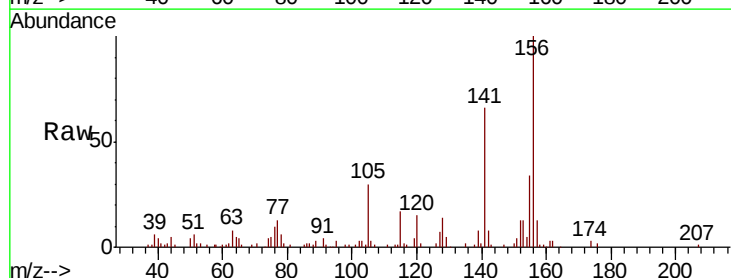
RT: 12.73 min Scan# 3409

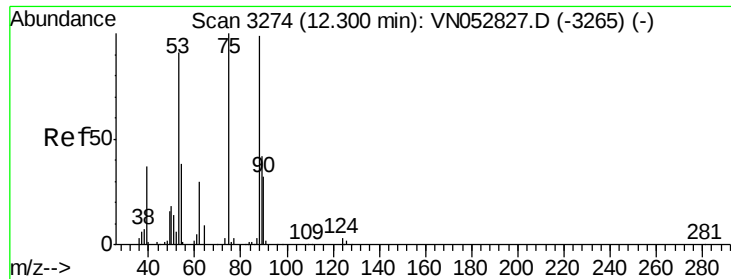
Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Tgt Ion:105 Resp: 17290
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 108.894 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

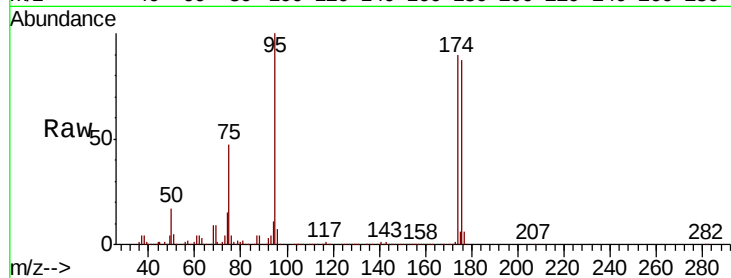
Tot Ion: 75 Resp: 400238

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

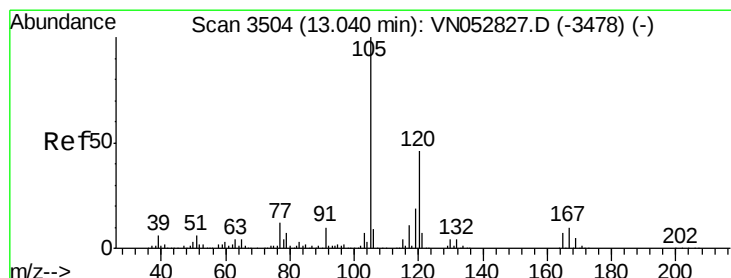
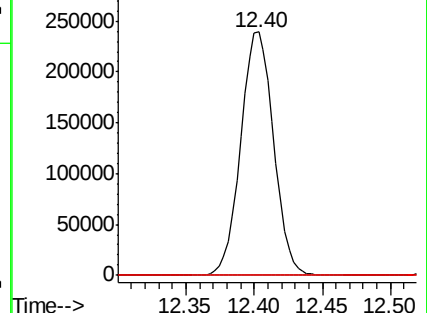
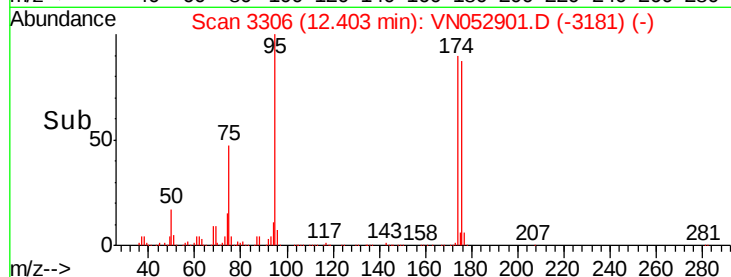
89 0.1 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052827.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052827.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052827.D (-3265) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.558 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN052901.D

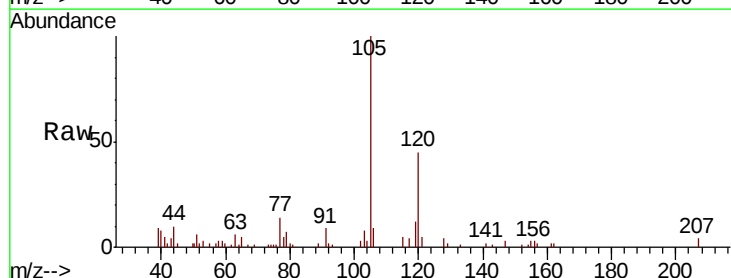
Acq: 14 Dec 2018 20:52

Tgt Ion: 105 Resp: 27238

Ion Ratio Lower Upper

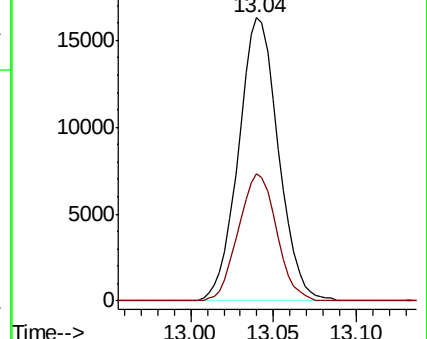
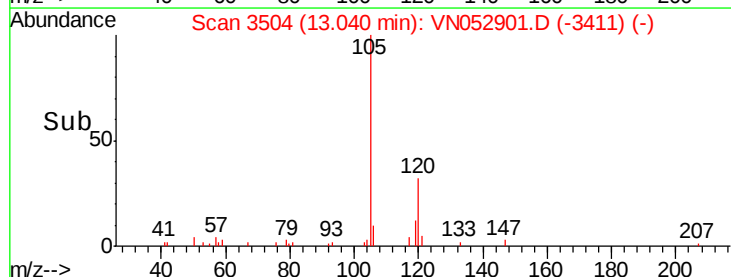
105 100

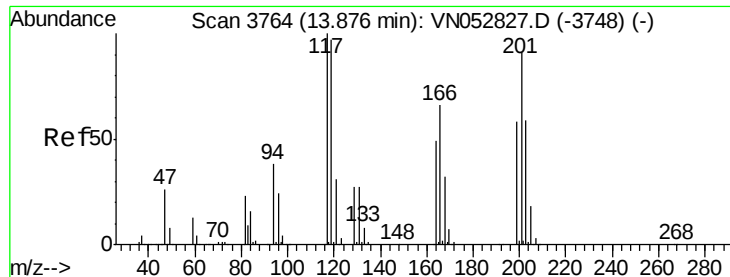
120 42.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN052827.D (-3478) (-)

Ion 120.00 (119.70 to 120.70): VN052827.D (-3478) (-)





#90

Hexachloroethane

Concen: 0.205 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

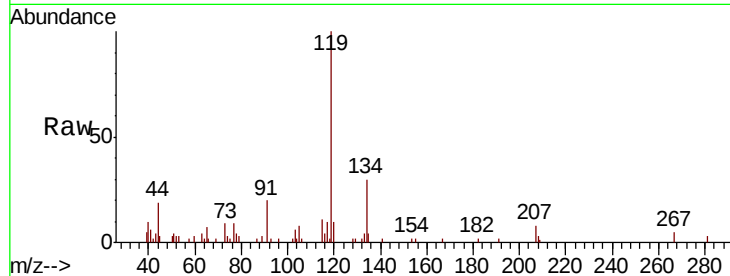
ClientSampleId :

Tot Ion:117 Resp: 1714

Ion Ratio Lower Upper

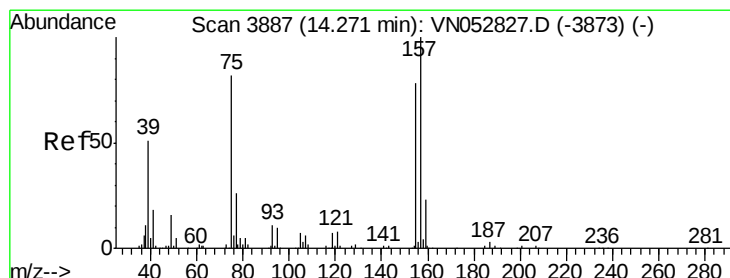
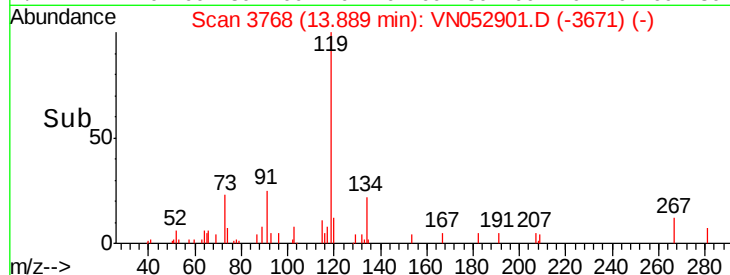
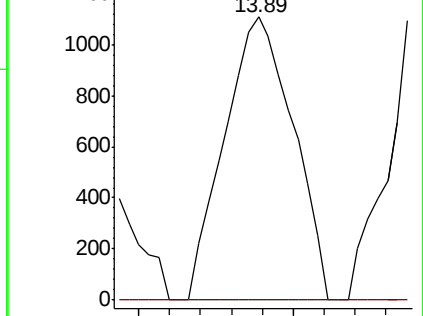
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.246 ug/l

RT: 14.51 min Scan# 3960

Delta R.T. 0.23 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

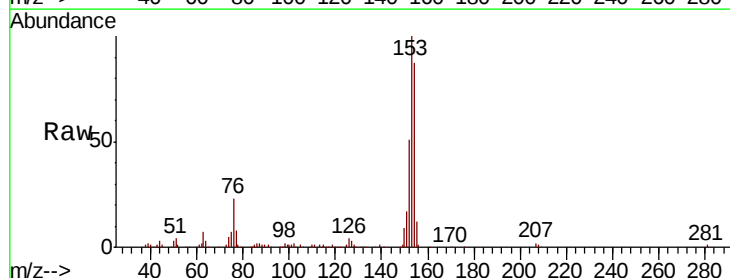
Tgt Ion: 75 Resp: 10589

Ion Ratio Lower Upper

75 100

155 276.4 48.2 144.6#

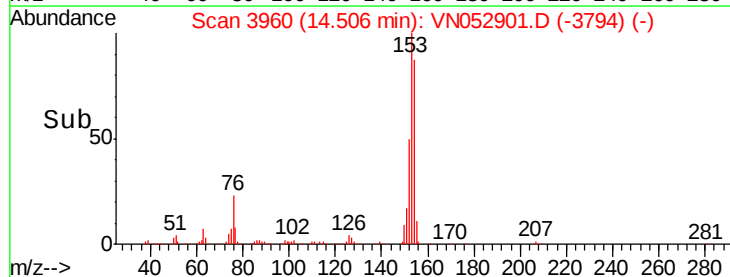
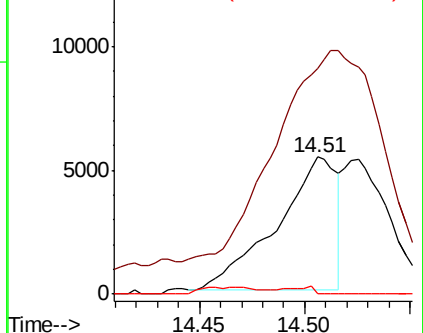
157 2.2 61.2 183.5#

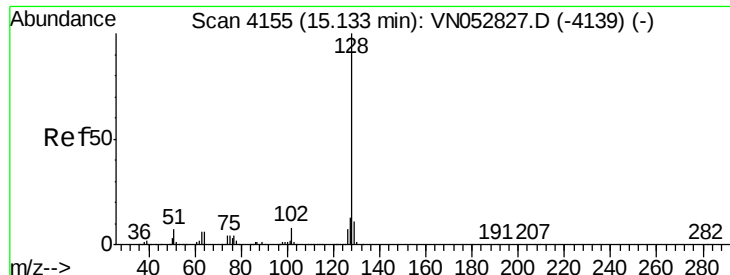


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 10.029 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

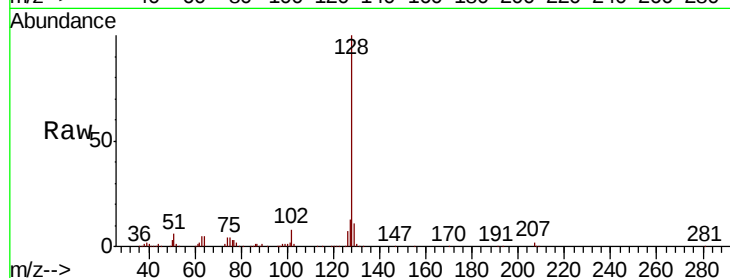
Tot Ion:128 Resp: 293338

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.6 13.0



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

