

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\
 Data File : VN052926.D
 Acq On : 17 Dec 2018 14:44
 Operator : MD\SY
 Sample : J6438-20 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 04:44:28 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	1438237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2224052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1930816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	735462	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	733568	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
35) Dibromofluoromethane	7.59	113	570330	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
50) Toluene-d8	10.09	98	2707528	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	855379	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	

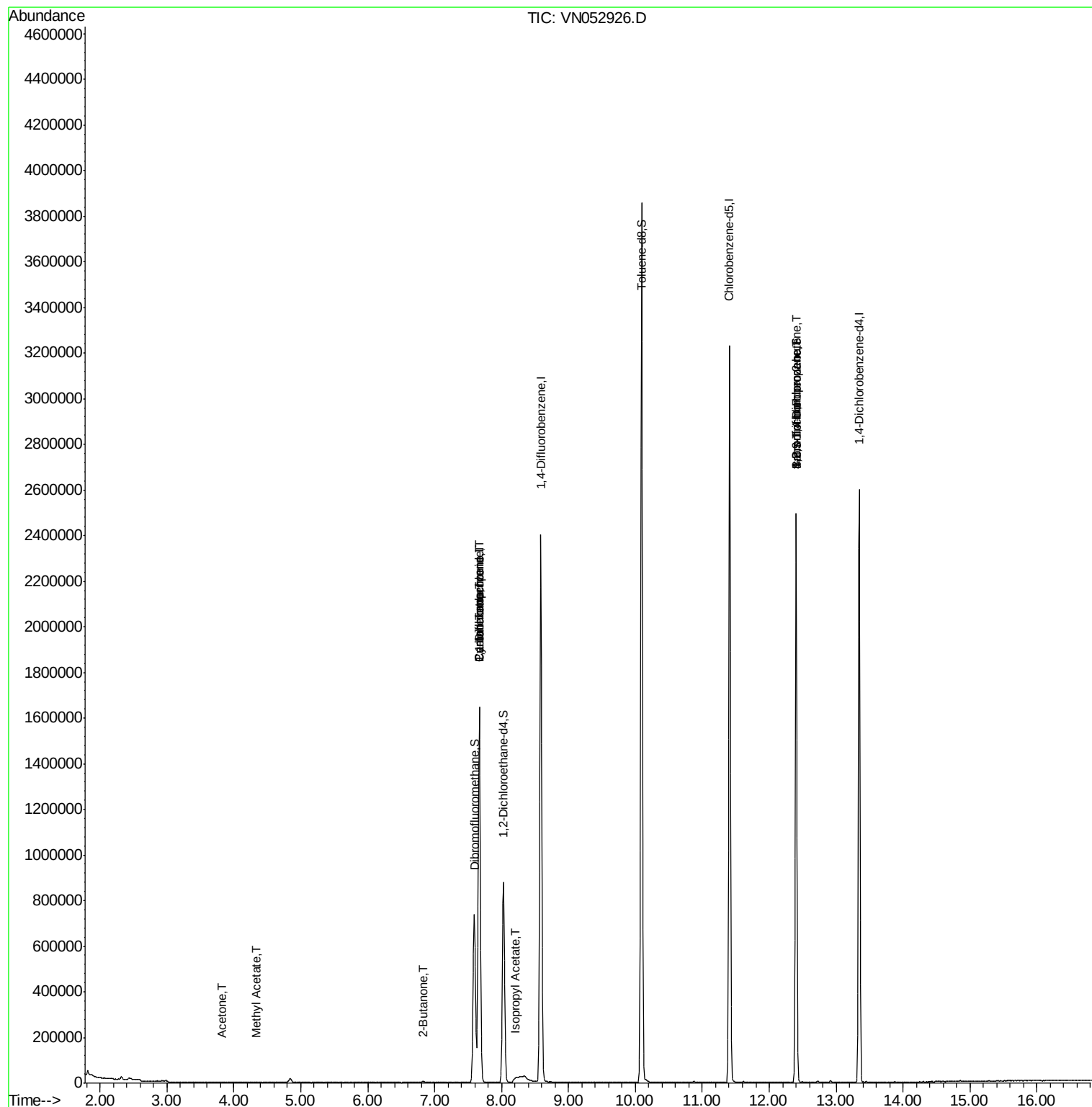
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1451	0.422	ug/l	98
18) Methyl Acetate	4.33	43	2590	0.205	ug/l #	69
25) 2-Butanone	6.83	43	1298	0.244	ug/l #	81
31) Cyclohexane	7.67	56	23646	0.336	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	96476	4.711	ug/l #	48
38) Carbon Tetrachloride	7.67	117	123284	6.540	ug/l #	16
43) Isopropyl Acetate	8.20	43	12845	0.509	ug/l #	53
71) Bromoform	12.40	173	5591	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	405207	37.343	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	405207	119.964	ug/l #	12

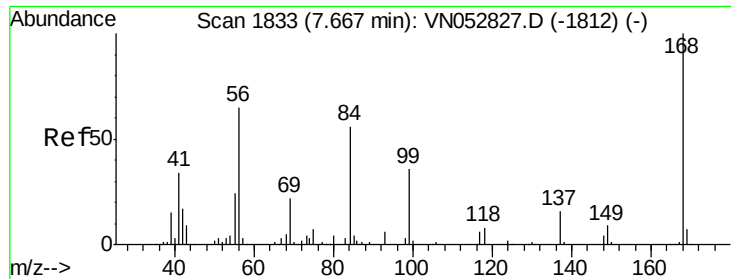
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1833

Delta R.T. 0.00 min

Lab File: VN052926.D

Acq: 17 Dec 2018 14:44

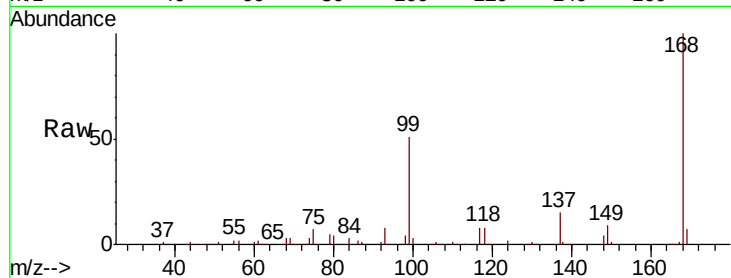
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1438237

Ion Ratio Lower Upper

168 100

99 50.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

600000

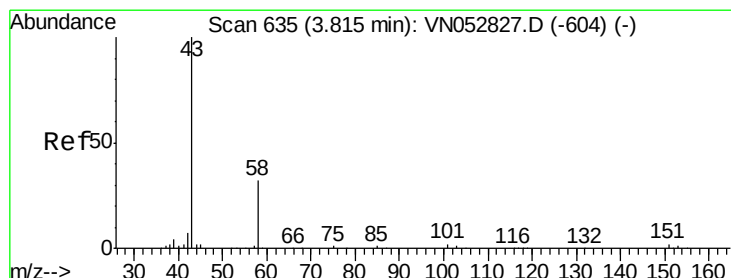
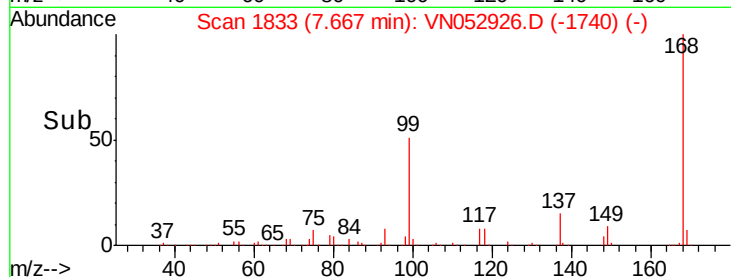
400000

200000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 0.422 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052926.D

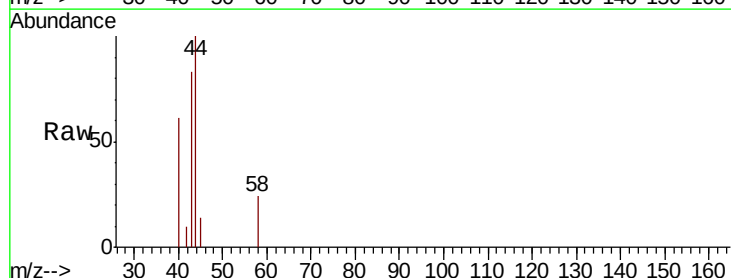
Acq: 17 Dec 2018 14:44

Tgt Ion: 43 Resp: 1451

Ion Ratio Lower Upper

43 100

58 32.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.82

1500

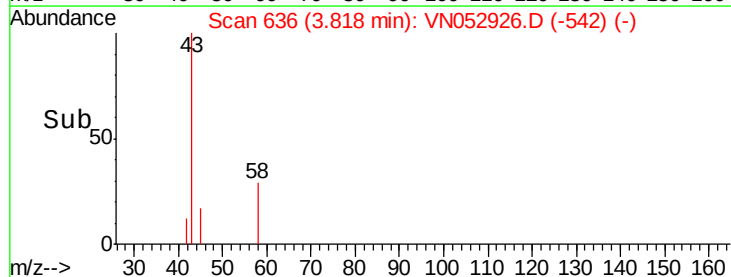
1000

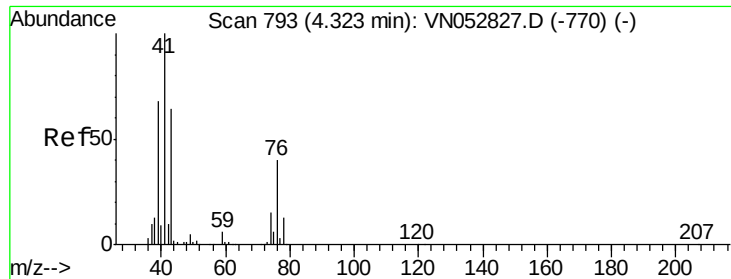
500

0

3.76 3.78 3.80 3.82

Time-->

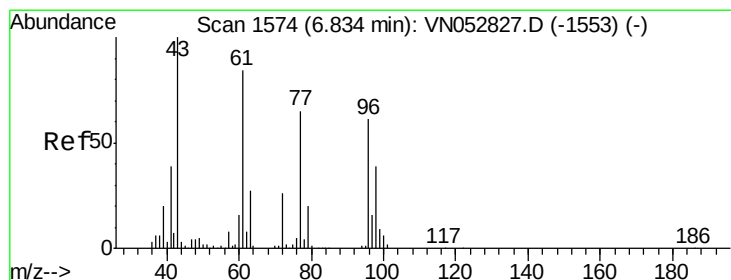
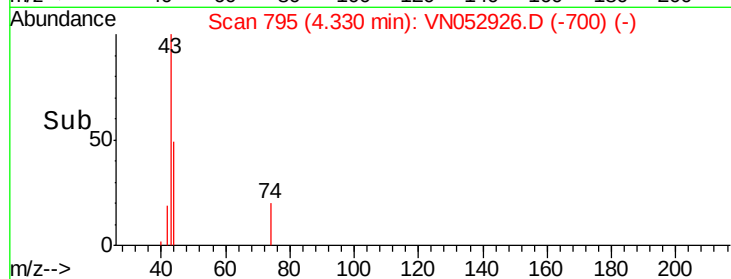
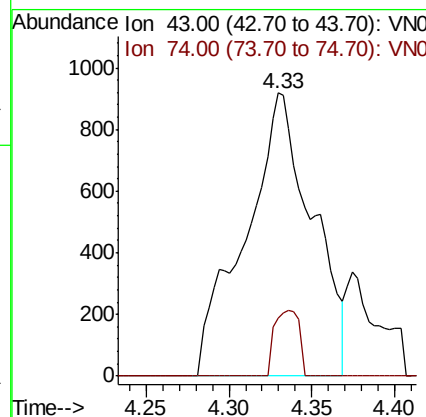
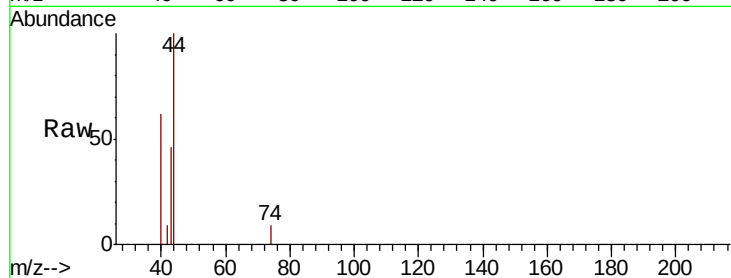




#18
Methvl Acetate
Concen: 0.205 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN052926.D
Acq: 17 Dec 2018 14:44

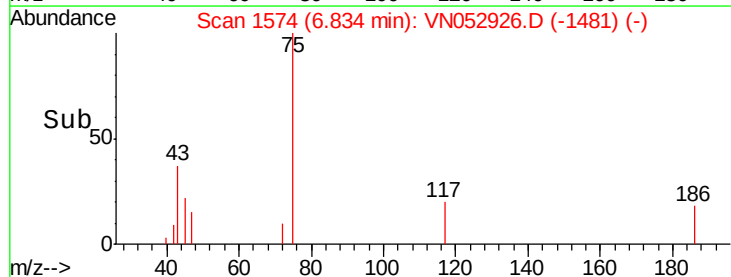
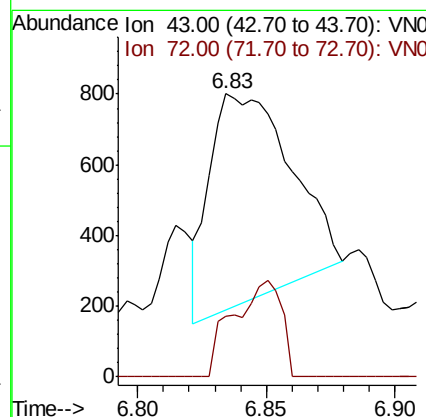
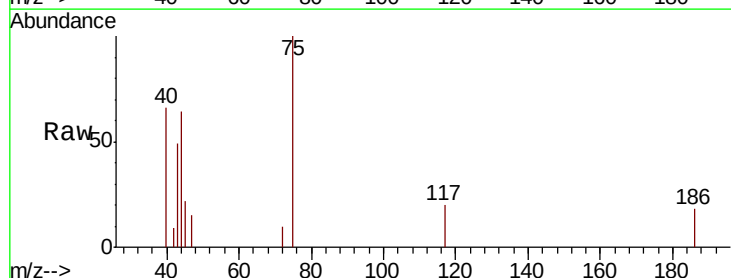
Instrument :
MSVOA_N
ClientSampled :

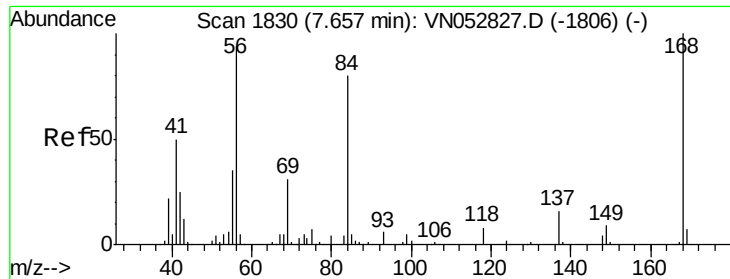
Tot Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
74 8.6 19.2 28.8#



#25
2-Butanone
Concen: 0.244 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052926.D
Acq: 17 Dec 2018 14:44

Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
72 36.2 21.0 31.6#

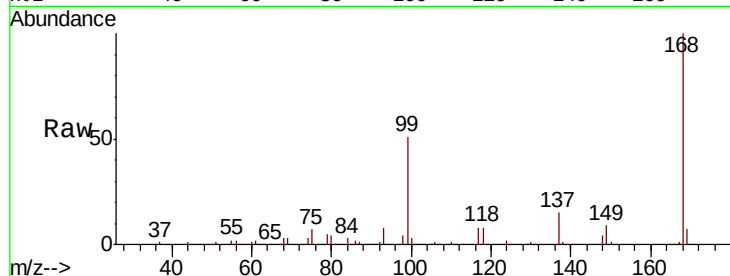




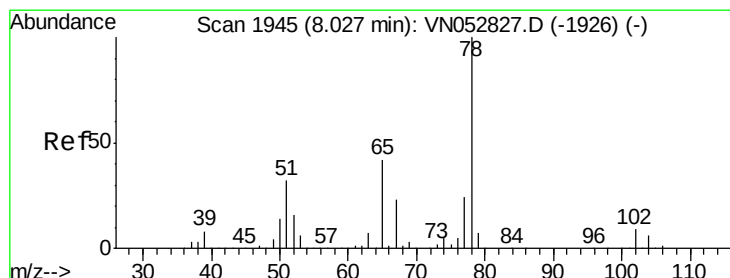
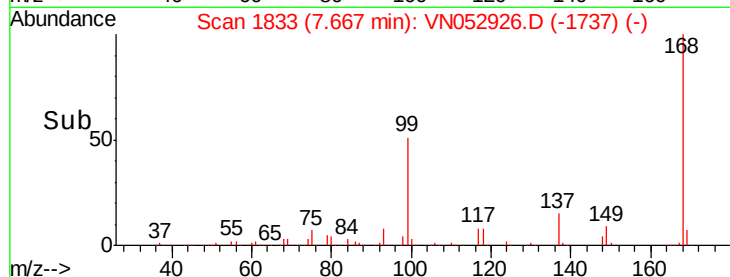
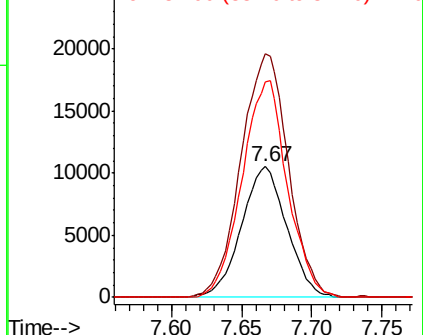
#31
Cyclohexane
Concen: 0.336 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052926.D
Acq: 17 Dec 2018 14:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 23646
Ion Ratio Lower Upper
56 100
69 186.5 26.6 39.8#
84 165.5 68.4 102.6#

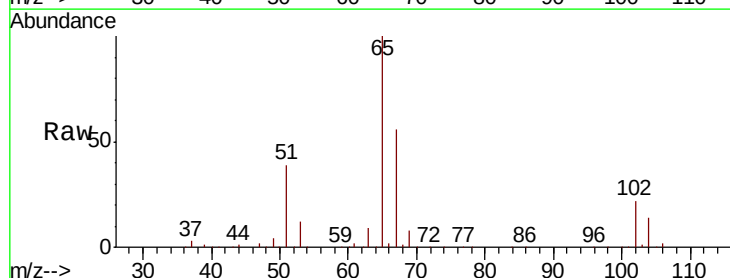


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

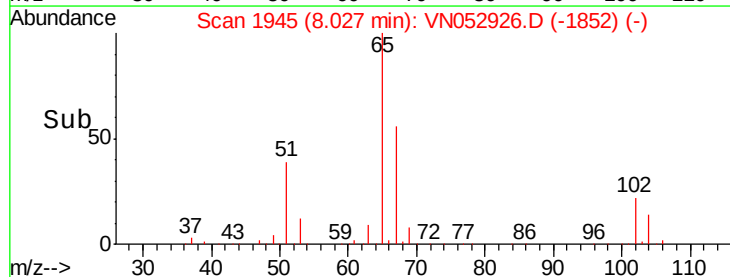
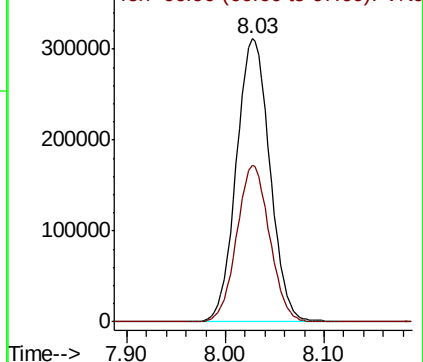


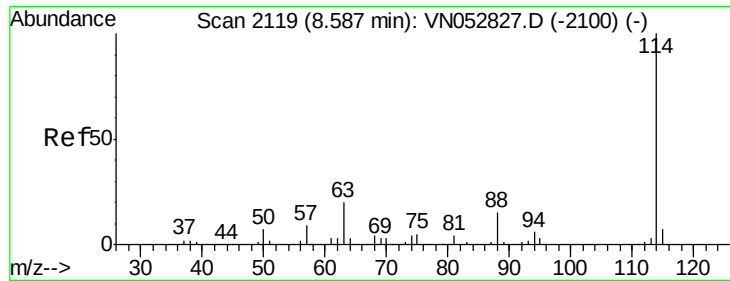
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052926.D
Acq: 17 Dec 2018 14:44

Tgt Ion: 65 Resp: 733568
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.4



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

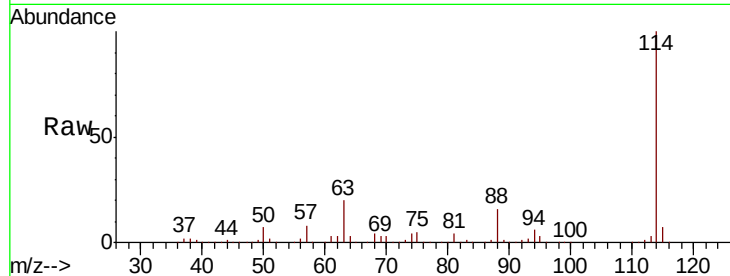




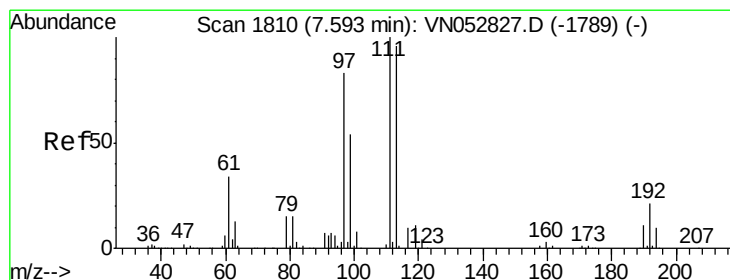
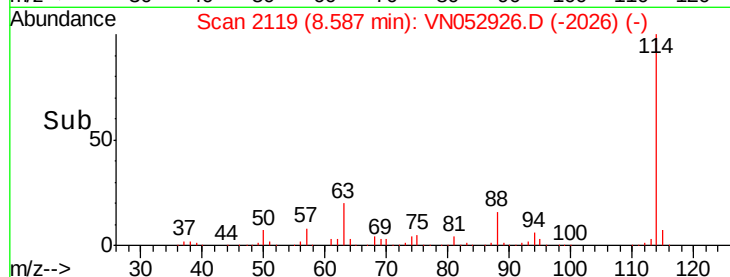
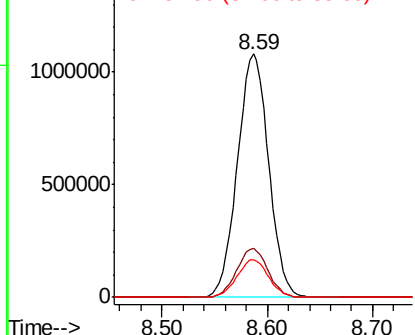
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052926.D
 Acq: 17 Dec 2018 14:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 2224052
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.7 0.0 31.0

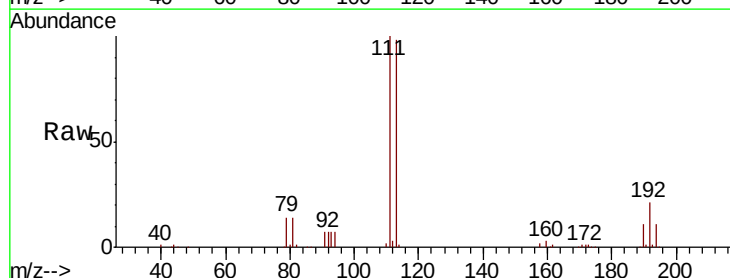


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

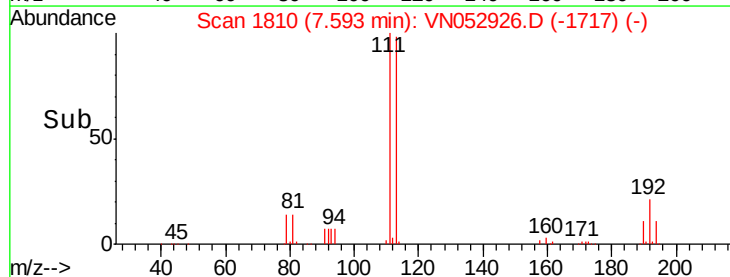
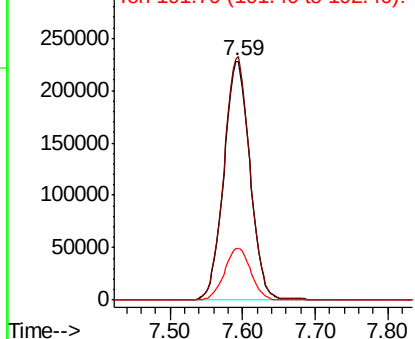


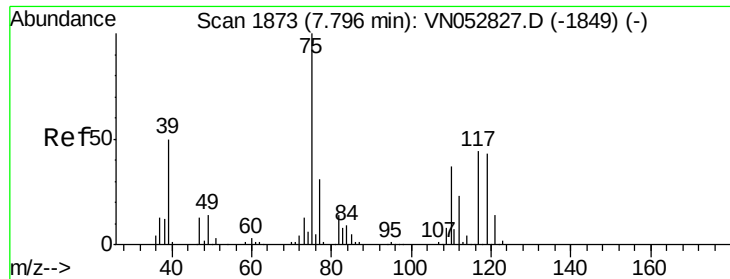
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052926.D
 Acq: 17 Dec 2018 14:44

Tgt Ion:113 Resp: 570330
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.0 124.4
 192 21.9 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

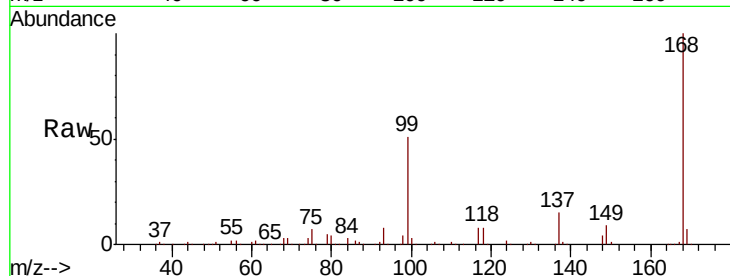




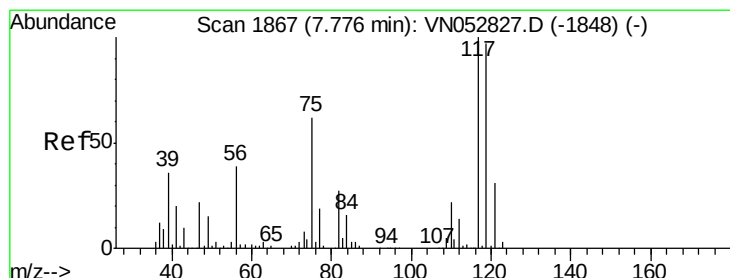
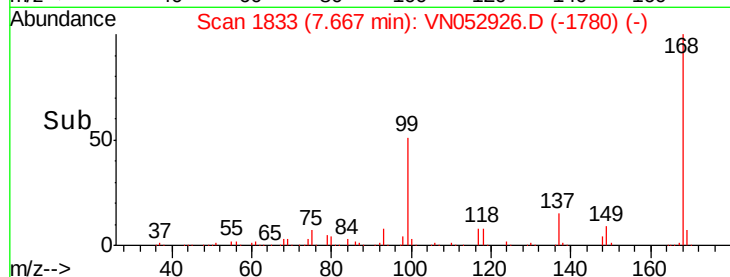
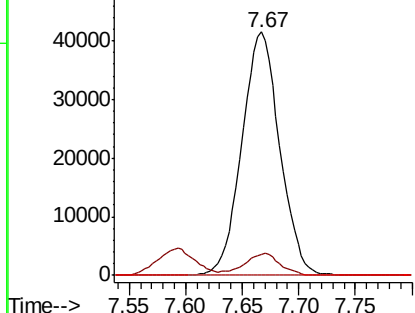
#36
 1,1-Dichloropropene
 Concen: 4.711 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052926.D
 Acq: 17 Dec 2018 14:44

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.2	54.6#
77	0.0	24.9	37.3#

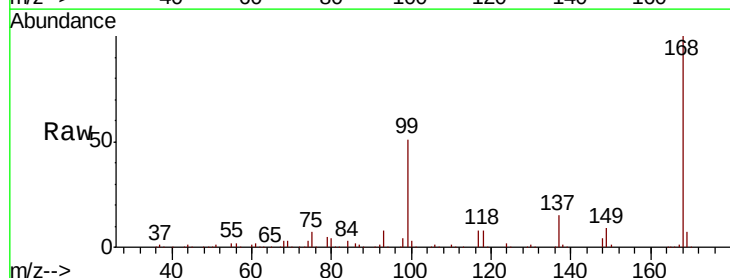


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

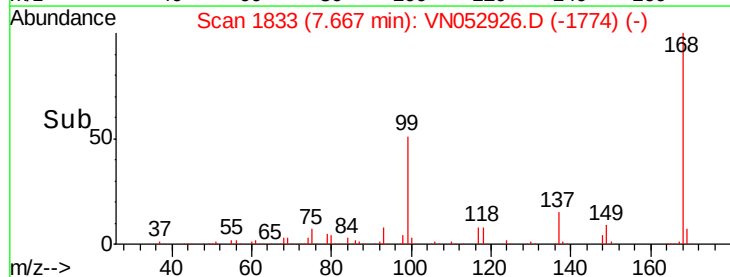
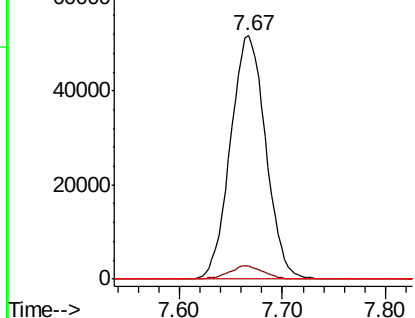


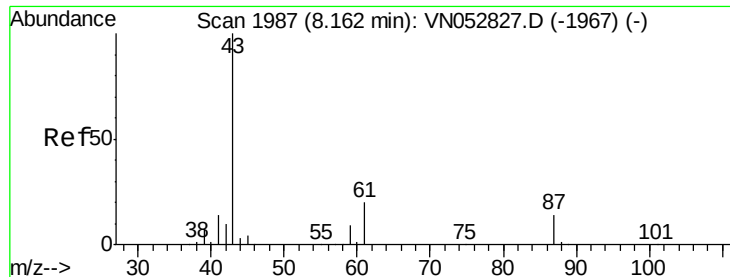
#38
 Carbon Tetrachloride
 Concen: 6.540 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052926.D
 Acq: 17 Dec 2018 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.1	115.7#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 0.509 ug/l

RT: 8.20 min Scan# 1999

Delta R.T. 0.04 min

Lab File: VN052926.D

Acq: 17 Dec 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

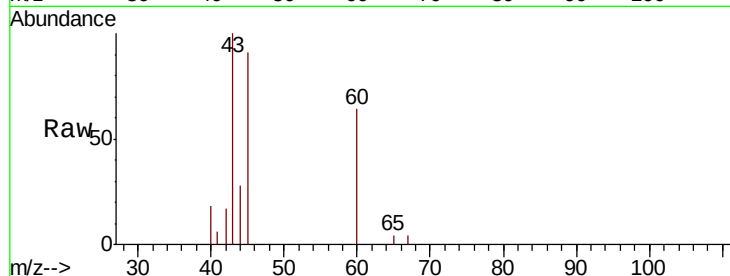
Tot Ion: 43 Resp: 12845

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

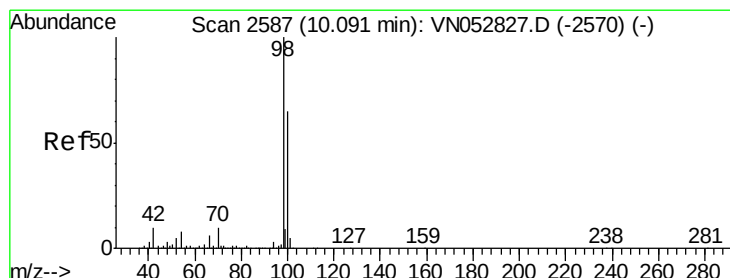
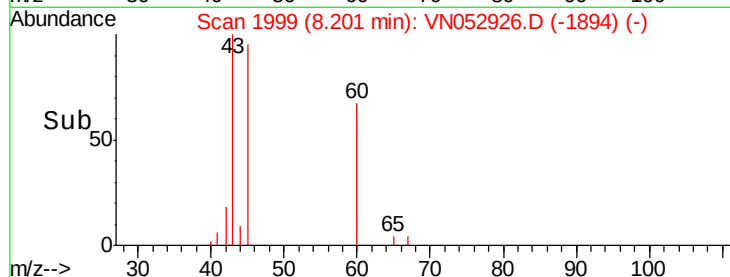
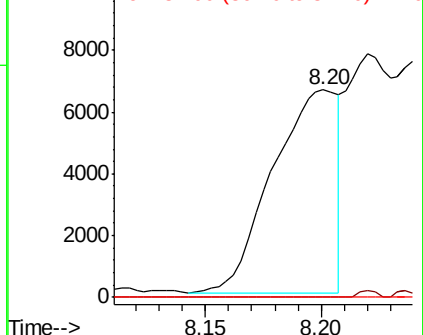
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052926.D

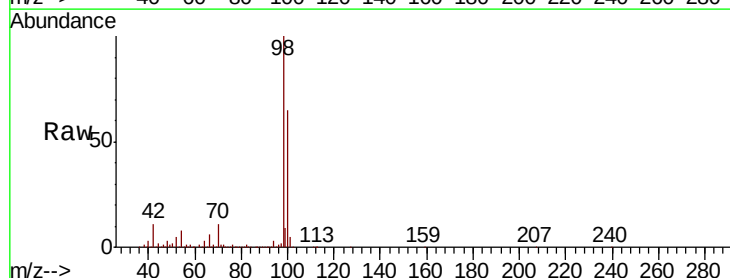
Acq: 17 Dec 2018 14:44

Tgt Ion: 98 Resp: 2707528

Ion Ratio Lower Upper

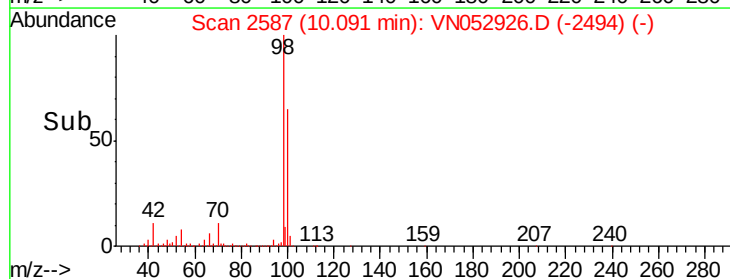
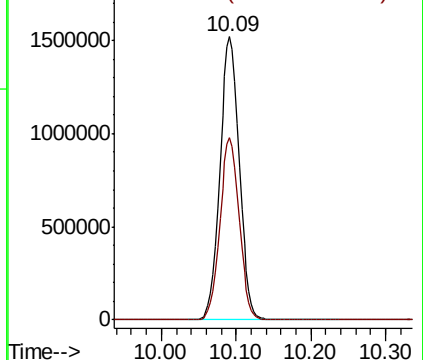
98 100

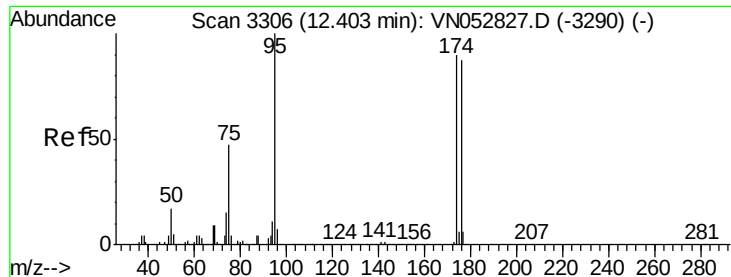
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052827.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052827.D (-2570) (-)

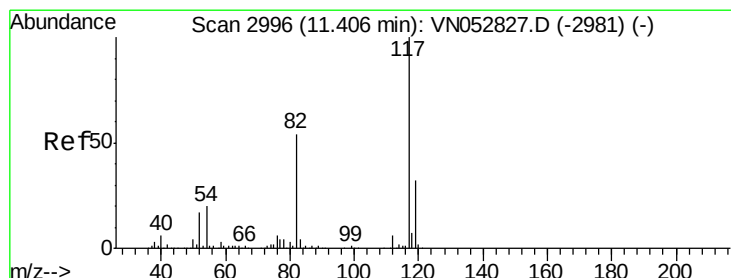
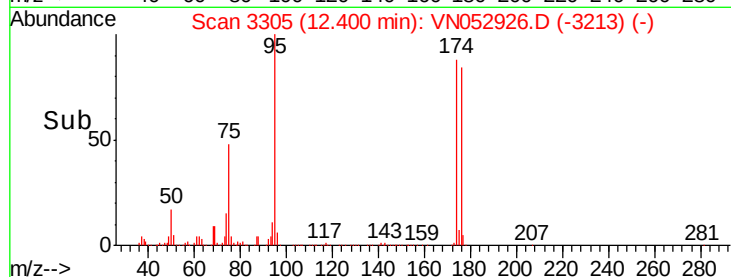
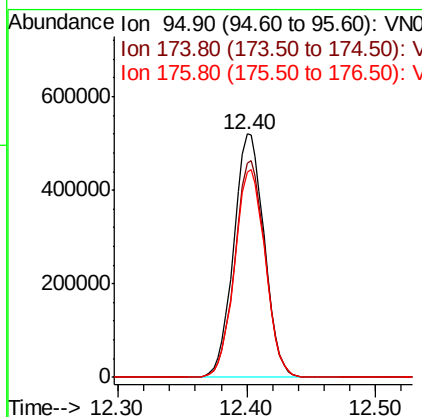
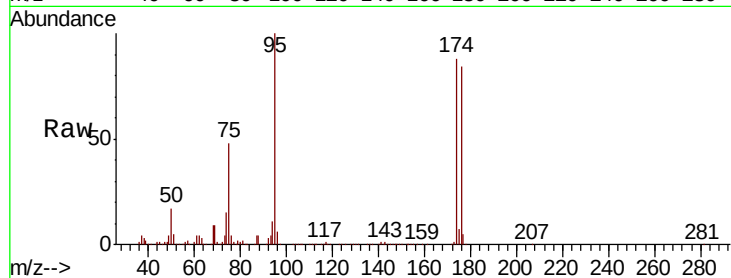




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052926.D
Acq: 17 Dec 2018 14:44

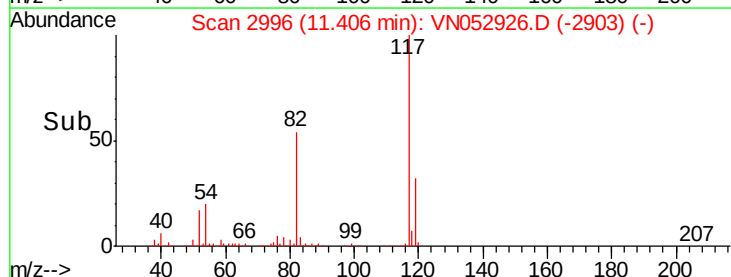
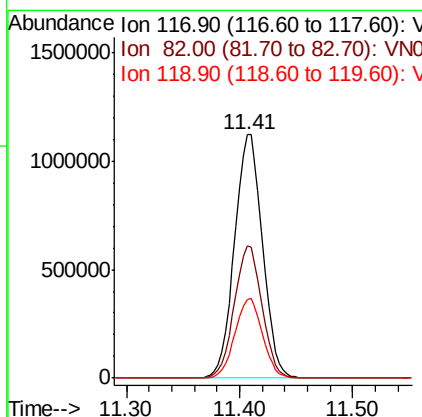
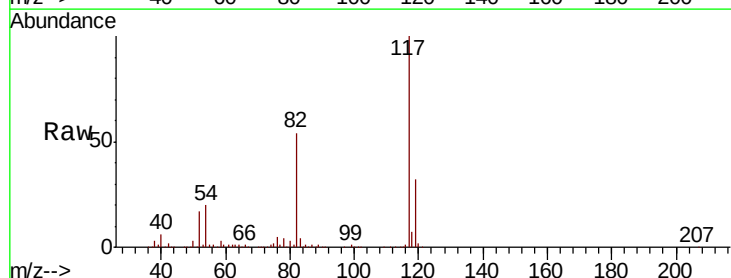
Instrument :
MSVOA_N
ClientSampleId :

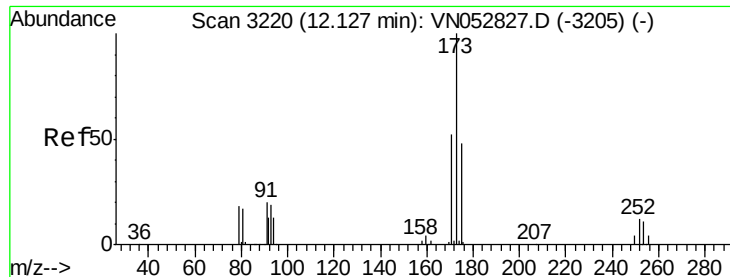
Tot Ion: 95 Resp: 855379
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.8
176 85.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052926.D
Acq: 17 Dec 2018 14:44

Tgt Ion: 117 Resp: 1930816
Ion Ratio Lower Upper
117 100
82 54.2 42.8 64.2
119 32.5 25.5 38.3





#71

Bromoform

Concen: 0.591 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052926.D

Acq: 17 Dec 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

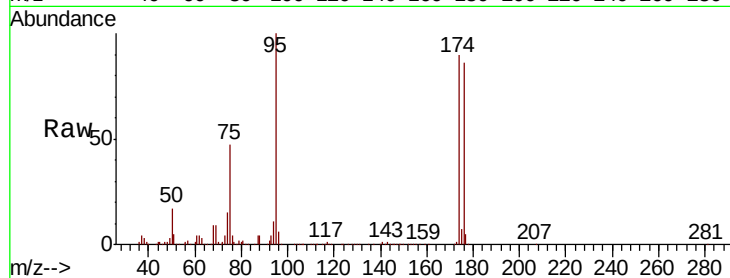
Tot Ion:173 Resp: 5591

Ion Ratio Lower Upper

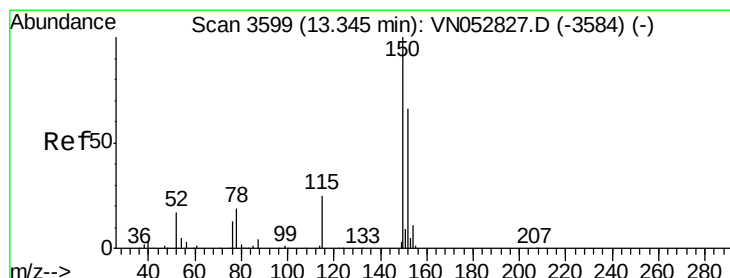
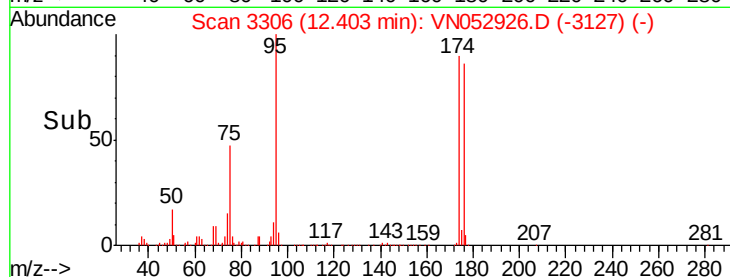
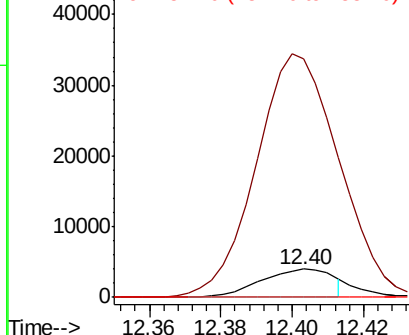
173 100

175 869.7 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: VN052926.D

Acq: 17 Dec 2018 14:44

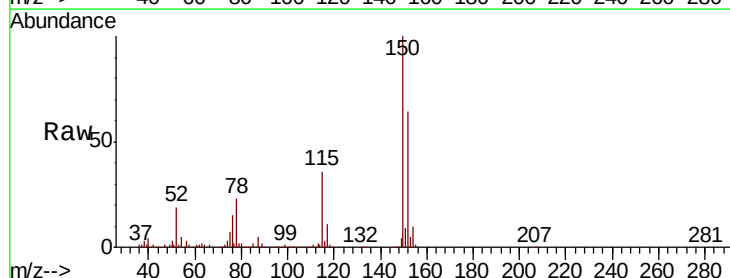
Tgt Ion:152 Resp: 735462

Ion Ratio Lower Upper

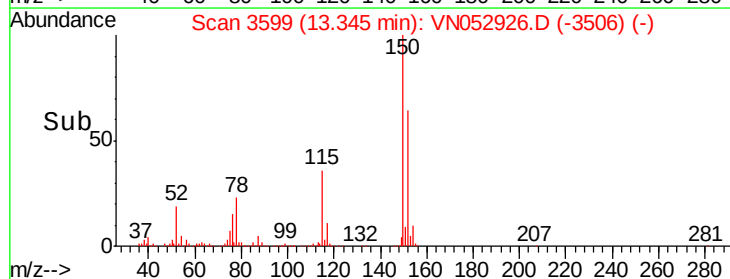
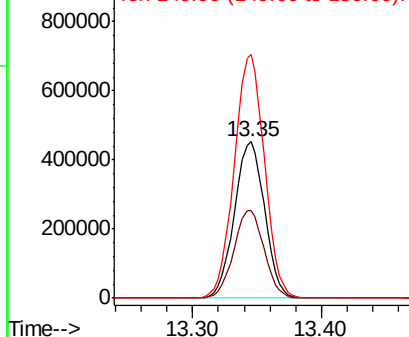
152 100

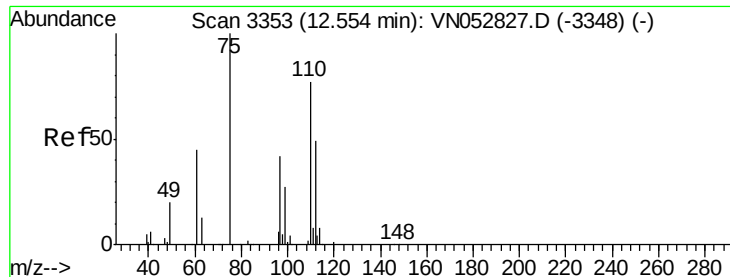
115 56.4 28.3 85.0

150 155.8 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





#76

1,2,3-Trichloropropane

Concen: 37.343 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052926.D

Acq: 17 Dec 2018 14:44

Instrument :

MSVOA_N

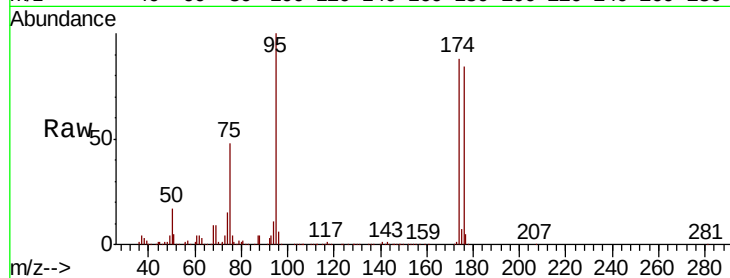
ClientSampled :

Tot Ion: 75 Resp: 405207

Ion Ratio Lower Upper

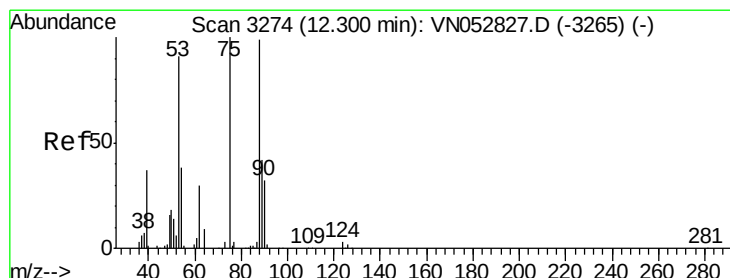
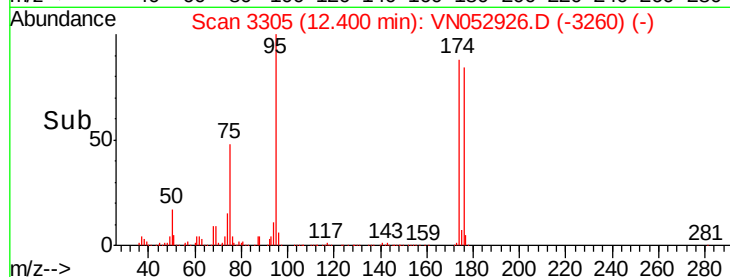
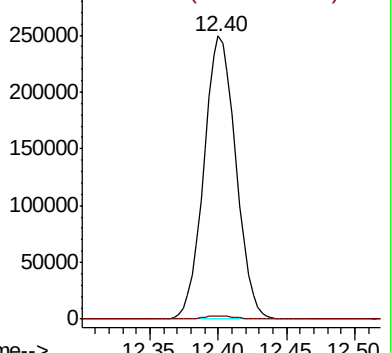
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 119.964 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052926.D

Acq: 17 Dec 2018 14:44

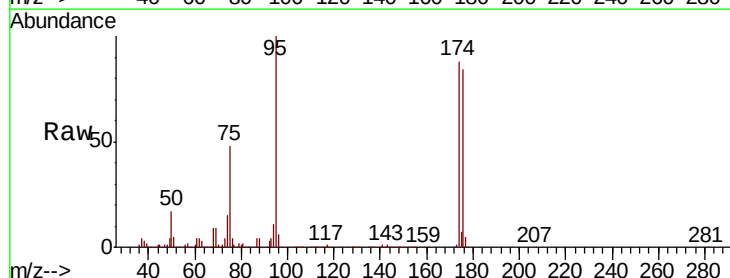
Tgt Ion: 75 Resp: 405207

Ion Ratio Lower Upper

75 100

53 0.1 74.7 112.1#

89 0.0 36.1 54.1#



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

