

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010219\
 Data File : VN053244.D
 Acq On : 2 Jan 2019 14:58
 Operator : MD\SY
 Sample : K1023-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PURGE-WATER

Quant Time: Jan 03 07:25:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1170945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1808818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1637519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	504761	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	563489	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
35) Dibromofluoromethane	7.59	113	515528	62.39	ug/l	0.00
Spiked Amount			Recovery	=	124.78%	
50) Toluene-d8	10.09	98	2221737	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	683137	43.87	ug/l	0.00
Spiked Amount			Recovery	=	87.74%	

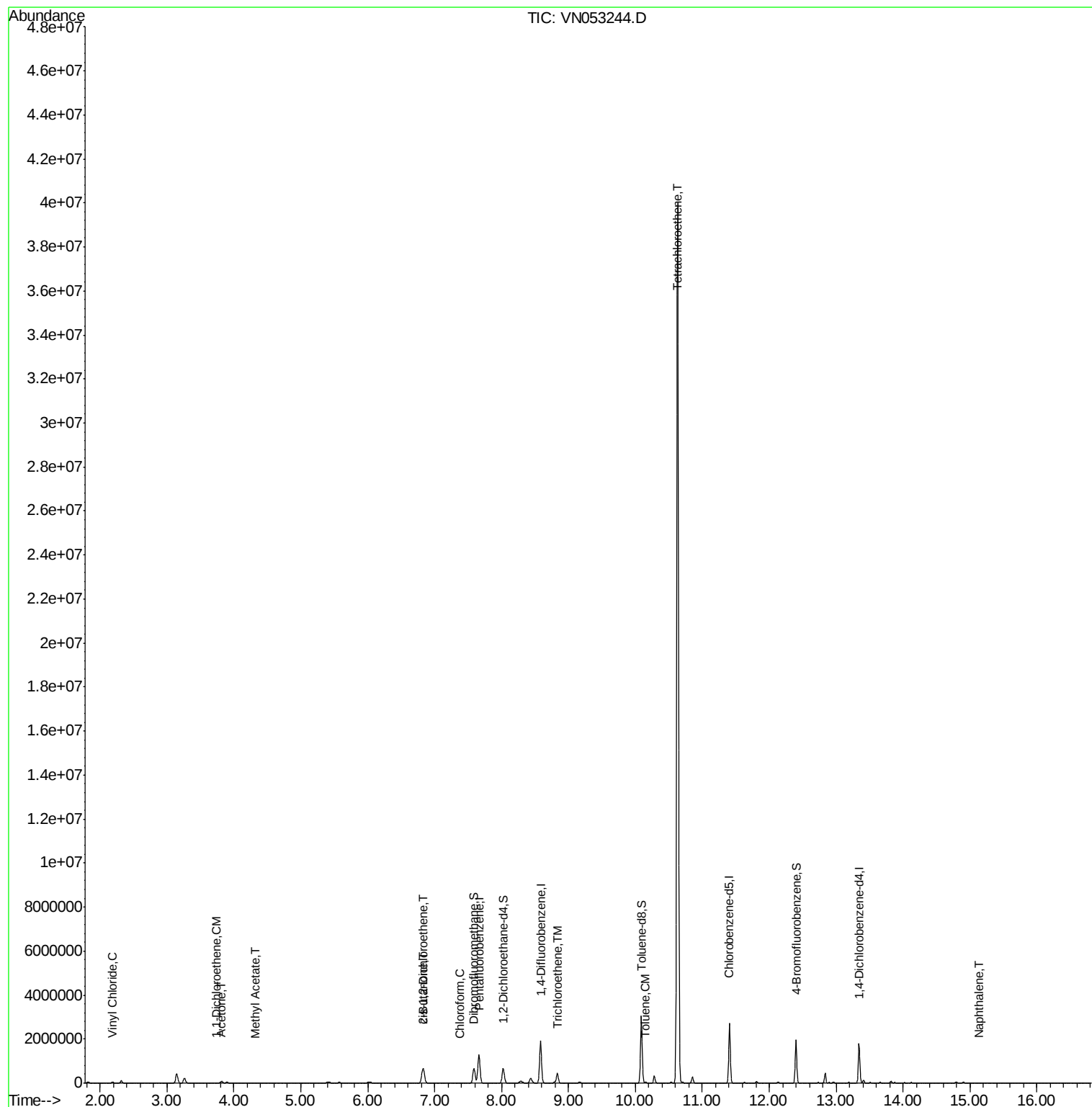
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	9868	0.678	ug/l	89
12) 1,1-Dichloroethene	3.74	96	4907	0.440	ug/l	94
16) Acetone	3.82	43	115683	49.652	ug/l	99
18) Methyl Acetate	4.33	43	7325	1.671	ug/l #	85
25) 2-Butanone	6.83	43	17872	4.571	ug/l #	59
27) cis-1,2-Dichloroethene	6.83	96	475540	35.030	ug/l	90
30) Chloroform	7.37	83	9079	0.421	ug/l	98
44) Trichloroethene	8.83	130	169420	11.342	ug/l	97
52) Toluene	10.15	92	15649	0.489	ug/l	96
64) Tetrachloroethene	10.63	164	10132705	571.243	ug/l	98
95) Naphthalene	15.13	128	13129	1.793	ug/l	96

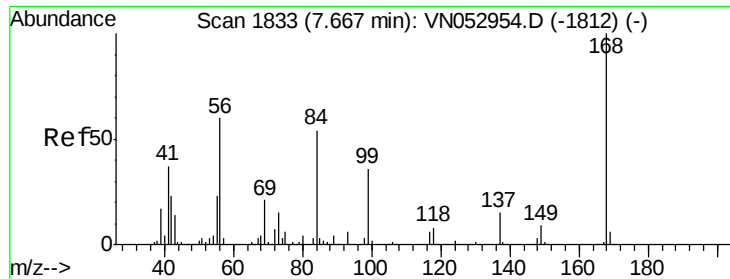
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN010219\
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Quant Time: Jan 03 07:25:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

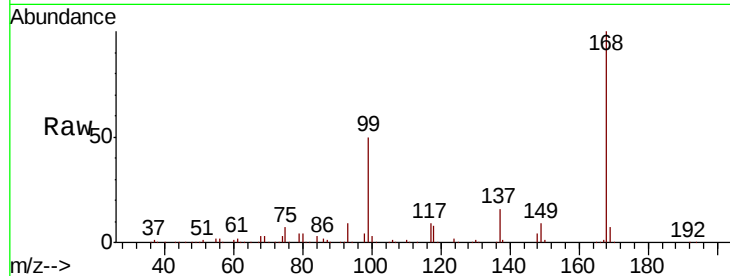
PURGE-WATER

Tot Ion:168 Resp: 1170945

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

500000

400000

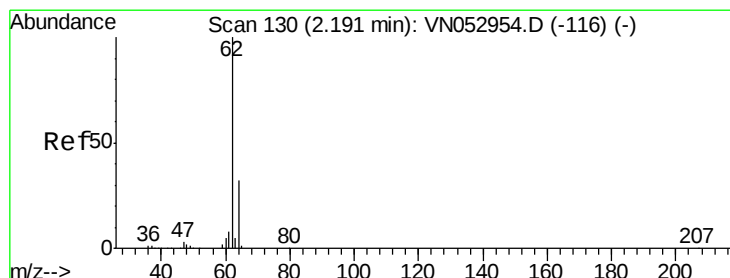
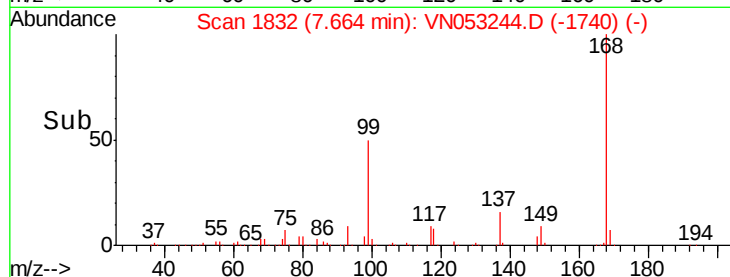
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 0.678 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053244.D

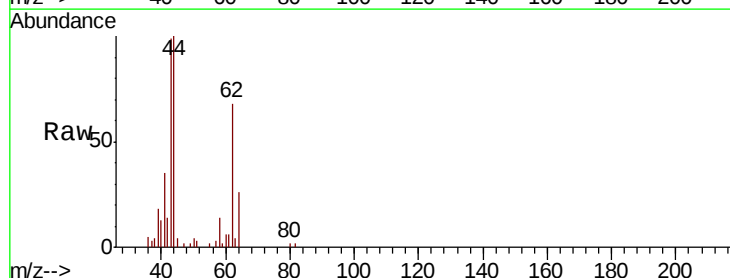
Acq: 2 Jan 2019 14:58

Tgt Ion: 62 Resp: 9868

Ion Ratio Lower Upper

62 100

64 37.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

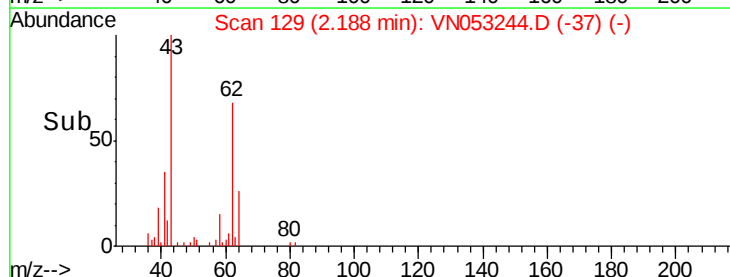
6000

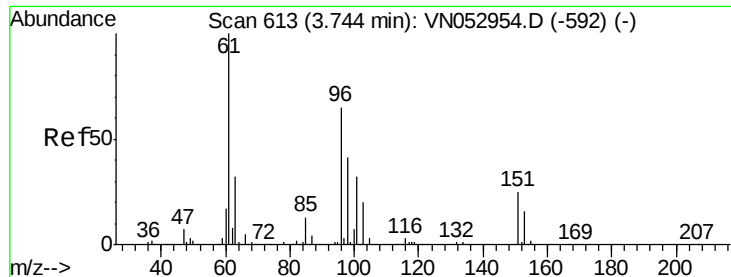
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.440 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

PURGE-WATER

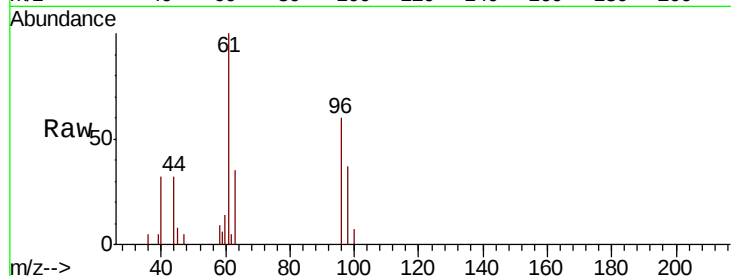
Tot Ion: 96 Resp: 4907

Ion Ratio Lower Upper

96 100

61 166.8 125.6 188.4

98 61.6 50.6 75.8

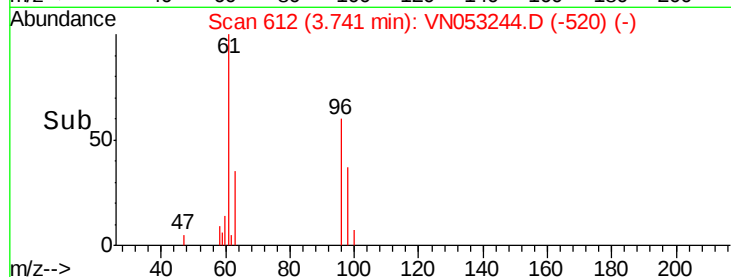


Abundance Ion 95.90 (95.60 to 96.60): VN053244.D (-520) (-)

Ion 60.90 (60.60 to 61.60): VN053244.D (-520) (-)

Ion 97.90 (97.60 to 98.60): VN053244.D (-520) (-)

Time-->

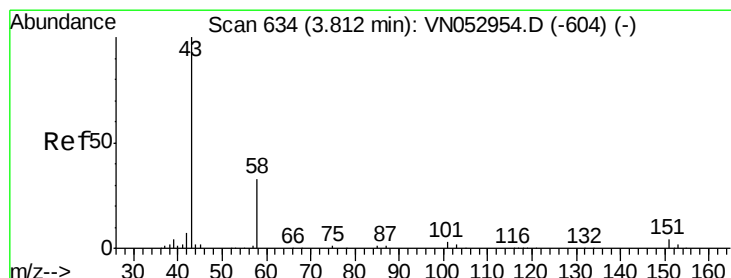


Abundance Ion 95.90 (95.60 to 96.60): VN053244.D (-520) (-)

Ion 60.90 (60.60 to 61.60): VN053244.D (-520) (-)

Ion 97.90 (97.60 to 98.60): VN053244.D (-520) (-)

Time-->



#16

Acetone

Concen: 49.652 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053244.D

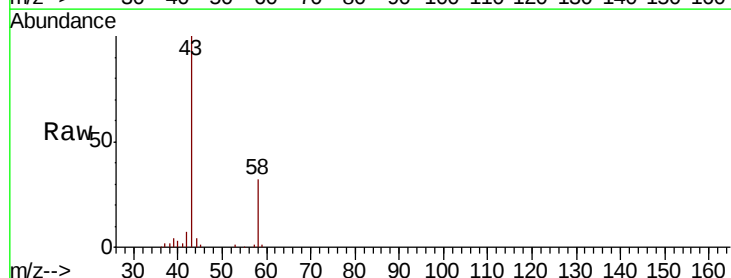
Acq: 2 Jan 2019 14:58

Tgt Ion: 43 Resp: 115683

Ion Ratio Lower Upper

43 100

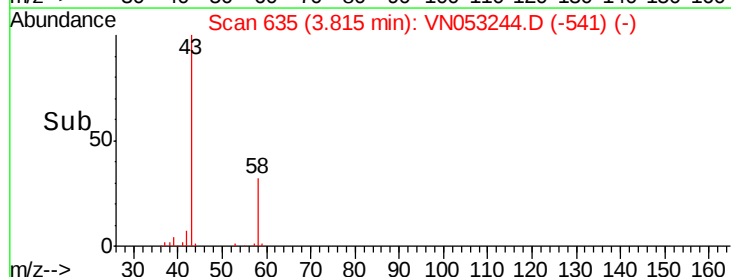
58 31.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053244.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053244.D (-541) (-)

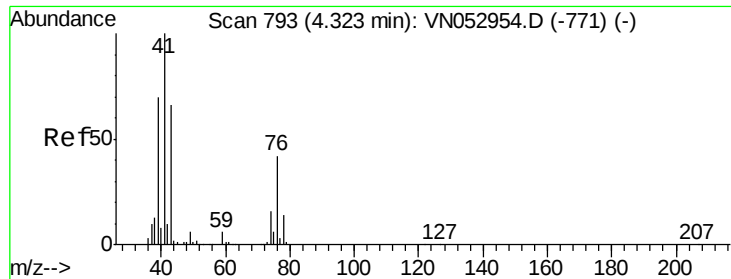
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN053244.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053244.D (-541) (-)

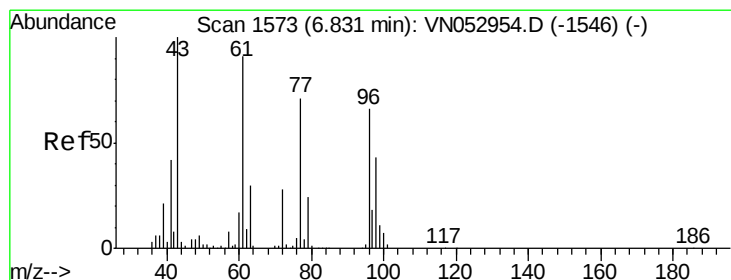
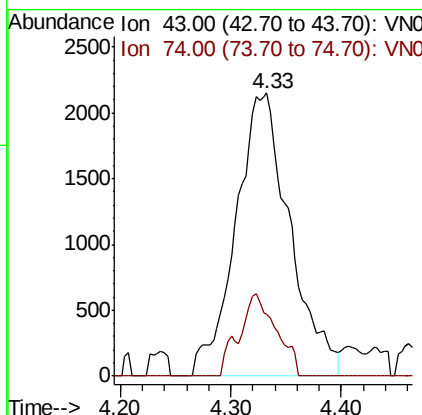
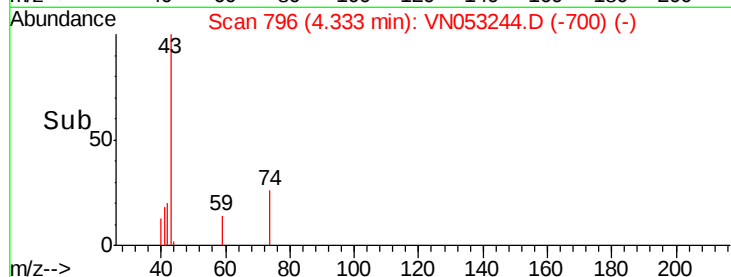
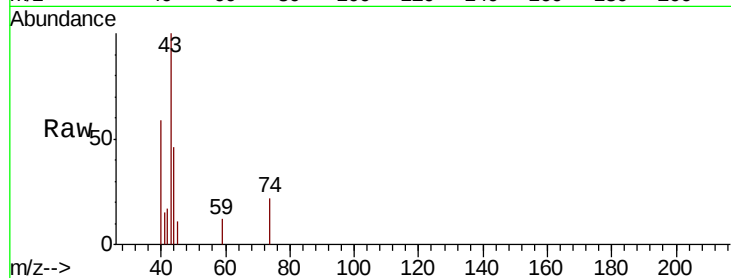
Time-->



#18
Methyl Acetate
Concen: 1.671 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

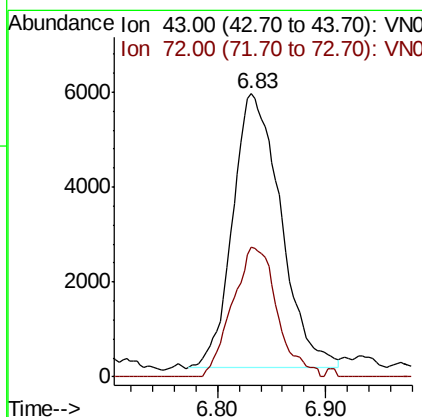
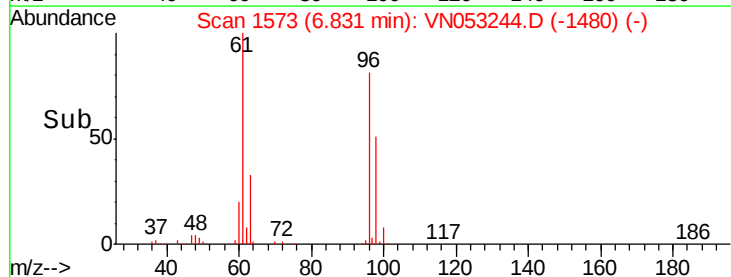
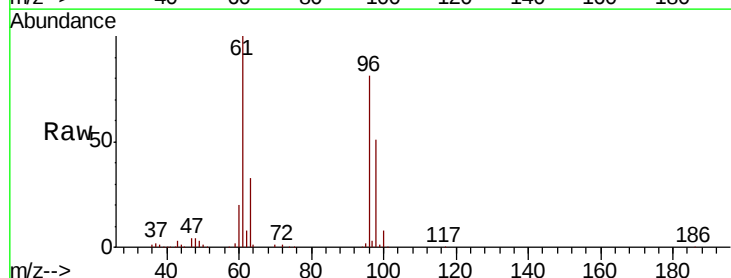
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER

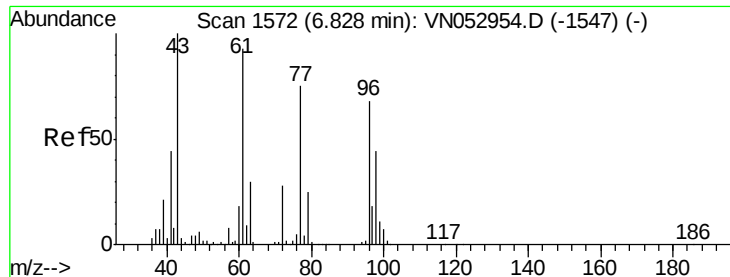
Tot Ion: 43 Resp: 7325
Ion Ratio Lower Upper
43 100
74 16.7 19.2 28.8#



#25
2-Butanone
Concen: 4.571 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

Tgt Ion: 43 Resp: 17872
Ion Ratio Lower Upper
43 100
72 47.3 21.0 31.6#

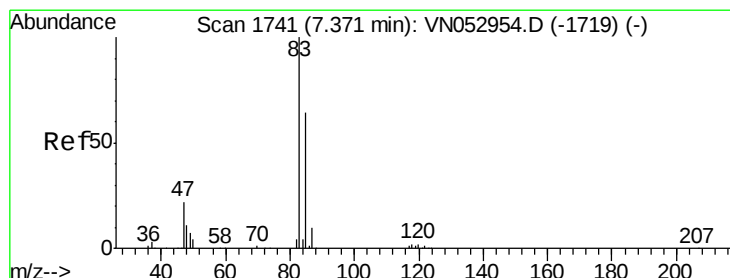
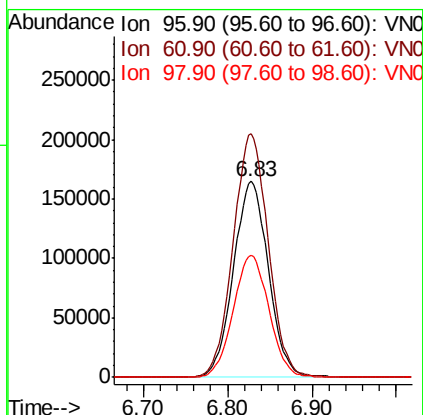
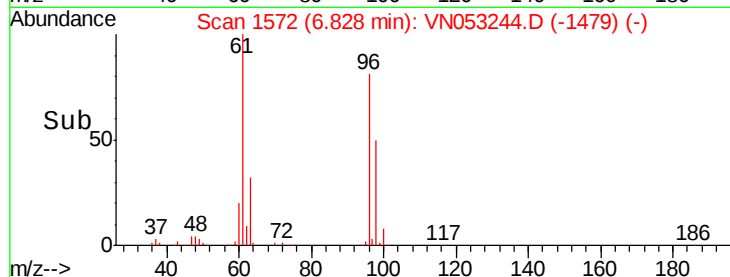
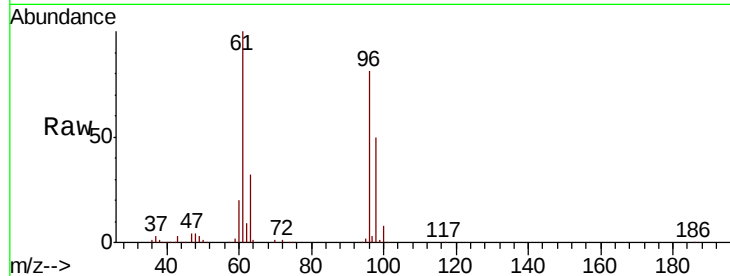




#27
 cis-1,2-Dichloroethene
 Concen: 35.030 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN053244.D
 Acq: 2 Jan 2019 14:58

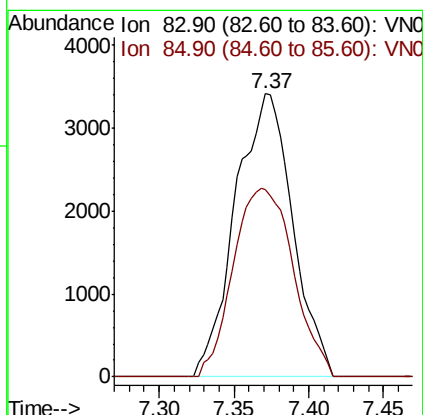
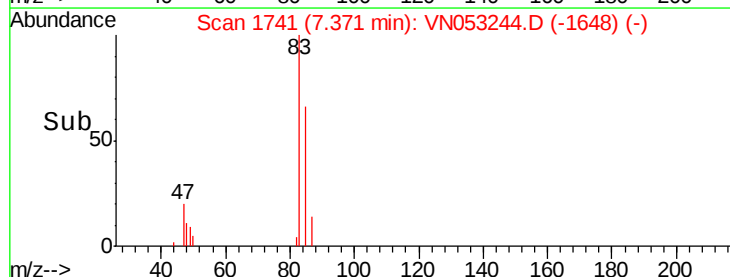
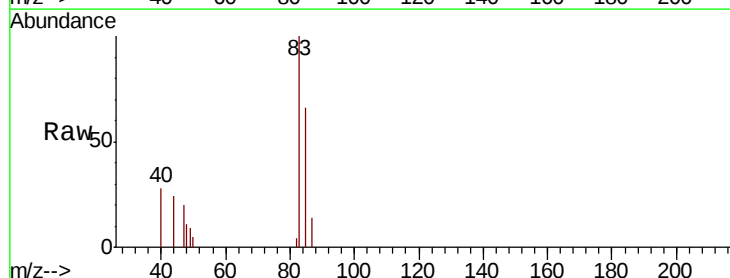
Instrument :
 MSVOA_N
 ClientSampleId :
 PURGE-WATER

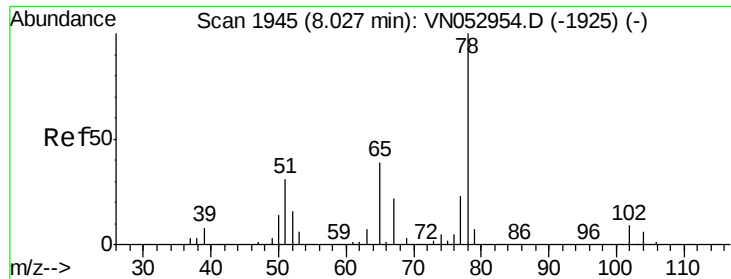
Tot Ion: 96 Resp: 475540
 Ion Ratio Lower Upper
 96 100
 61 124.9 0.0 284.2
 98 63.7 0.0 129.2



#30
 Chloroform
 Concen: 0.421 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VN053244.D
 Acq: 2 Jan 2019 14:58

Tgt Ion: 83 Resp: 9079
 Ion Ratio Lower Upper
 83 100
 85 66.3 52.1 78.1

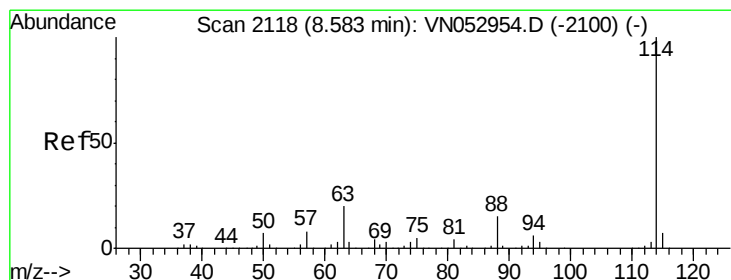
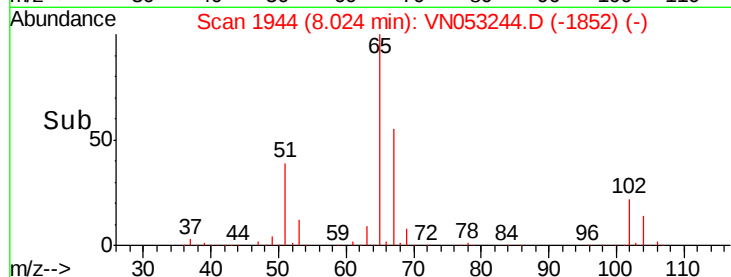
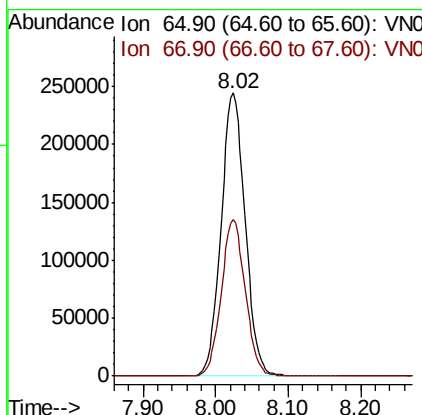
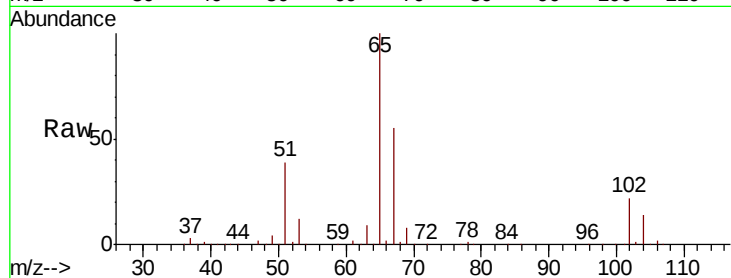




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053244.D
 Acq: 2 Jan 2019 14:58

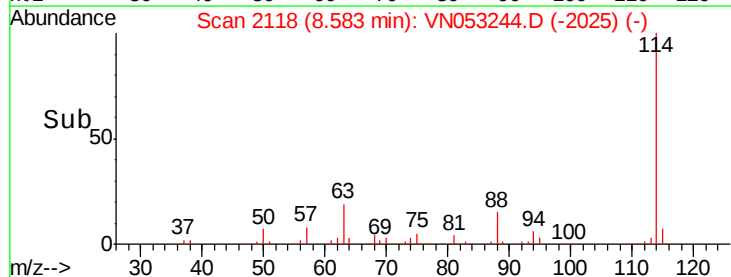
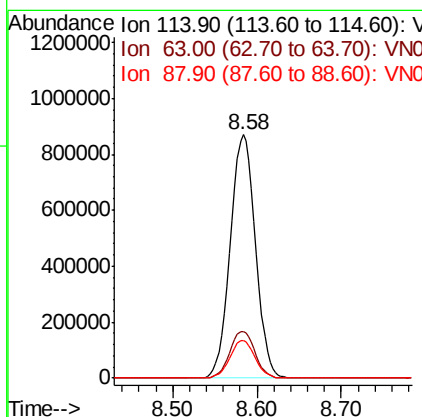
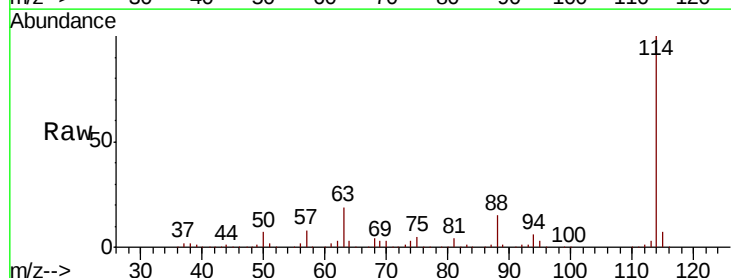
Instrument :
 MSVOA_N
 ClientSampled :
 PURGE-WATER

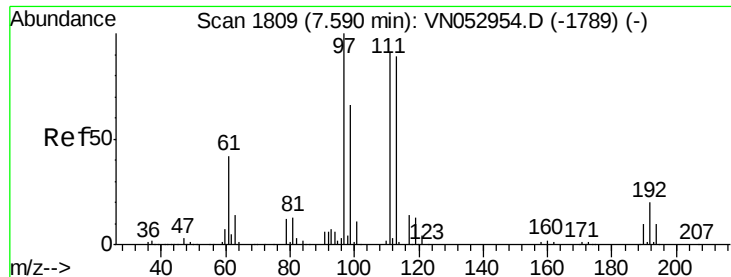
Tot Ion: 65 Resp: 563489
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053244.D
 Acq: 2 Jan 2019 14:58

Tgt Ion: 114 Resp: 1808818
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.4 0.0 31.0

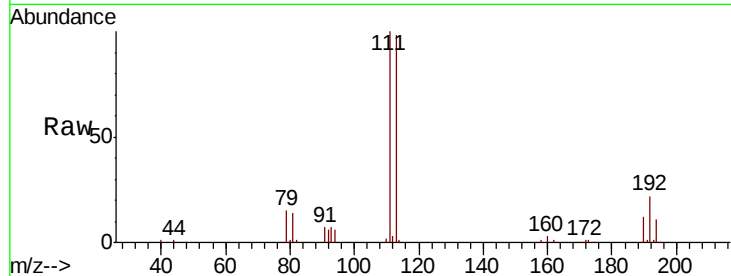




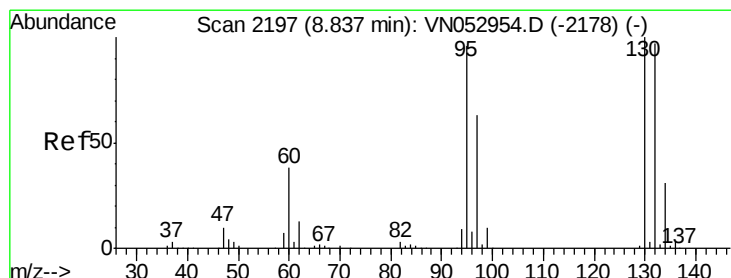
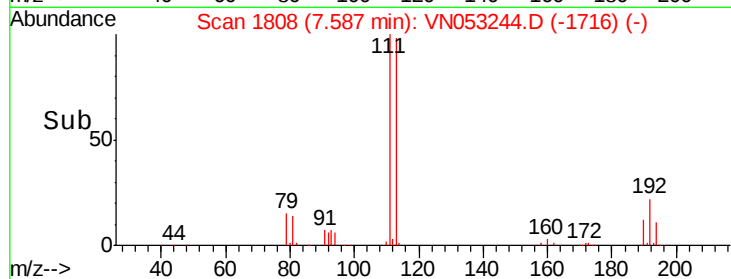
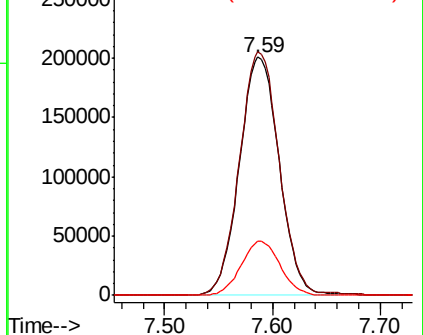
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN053244.D
 Acq: 2 Jan 2019 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PURGE-WATER

Tot Ion:113 Resp: 515528
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.4
 192 22.3 17.5 26.3

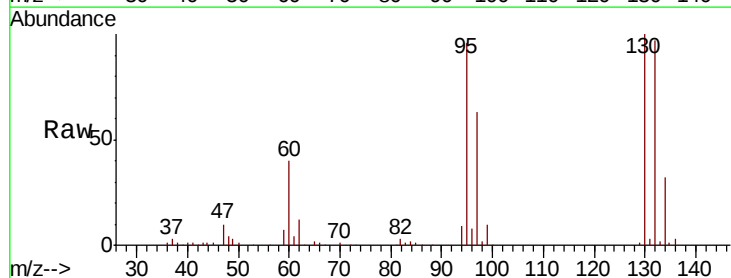


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

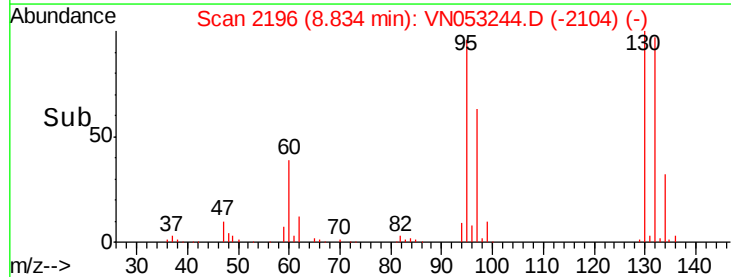
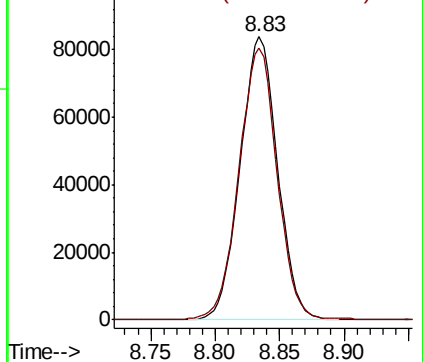


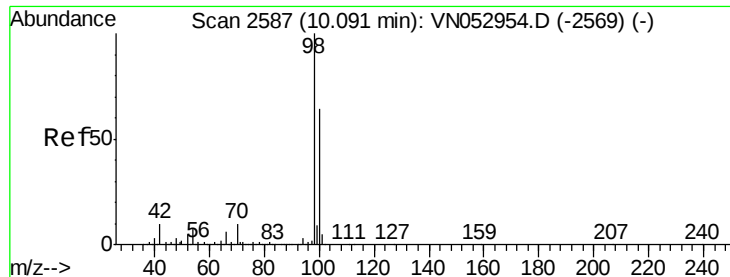
#44
 Trichloroethene
 Concen: 11.342 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN053244.D
 Acq: 2 Jan 2019 14:58

Tgt Ion:130 Resp: 169420
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

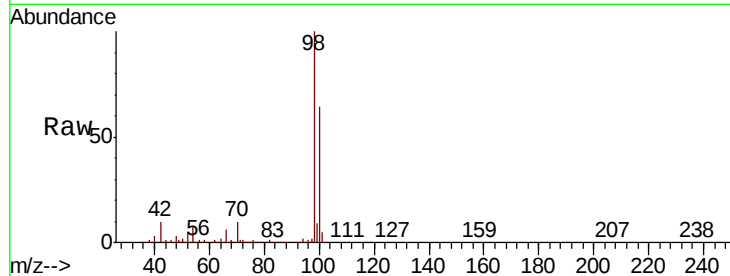
PURGE-WATER

Tot Ion: 98 Resp: 2221737

Ion Ratio Lower Upper

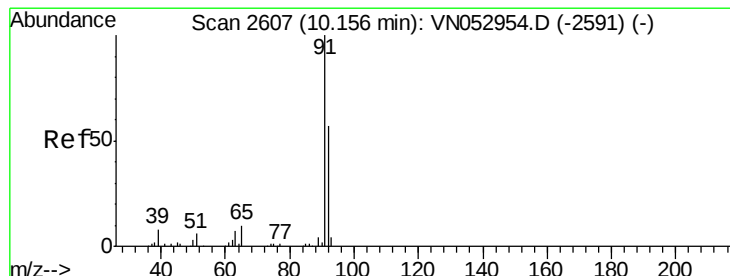
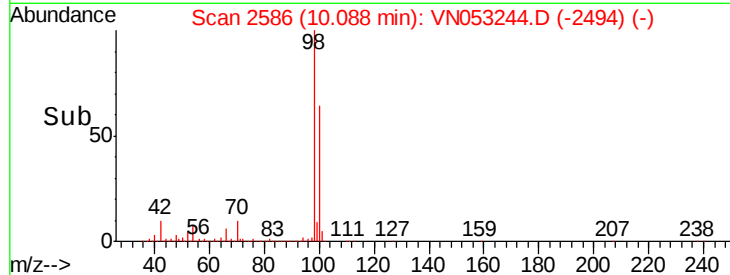
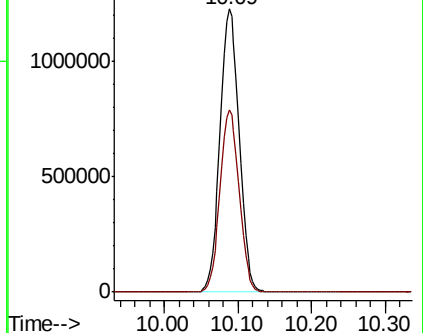
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.489 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN053244.D

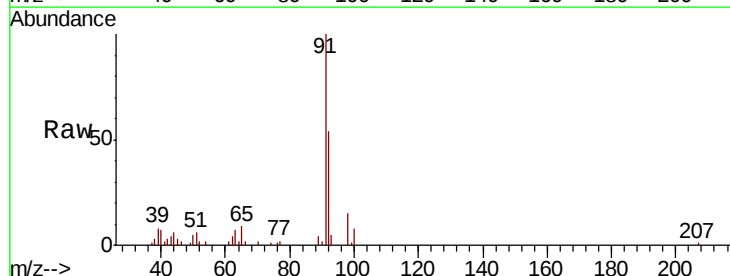
Acq: 2 Jan 2019 14:58

Tgt Ion: 92 Resp: 15649

Ion Ratio Lower Upper

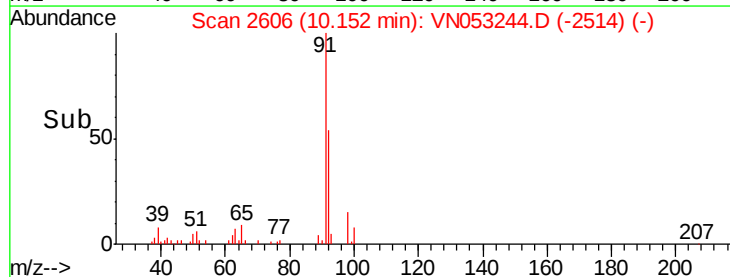
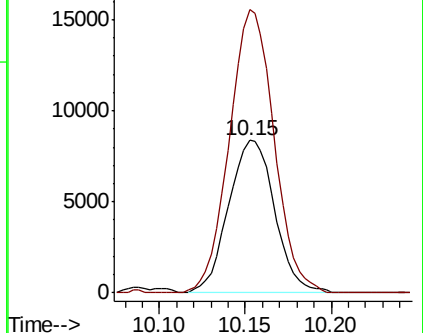
92 100

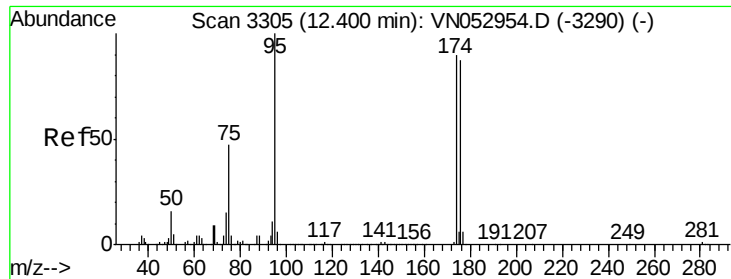
91 180.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

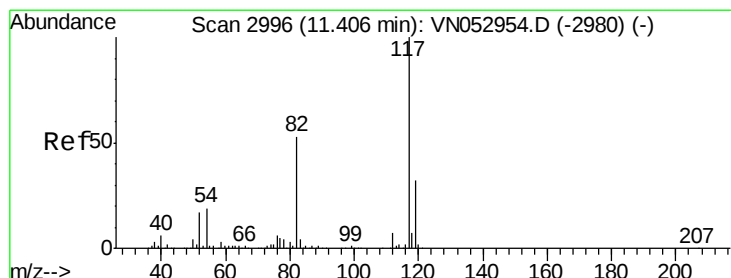
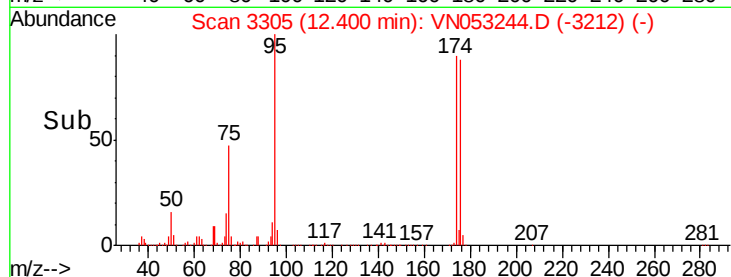
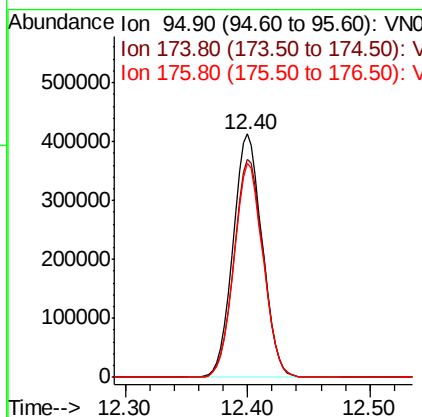
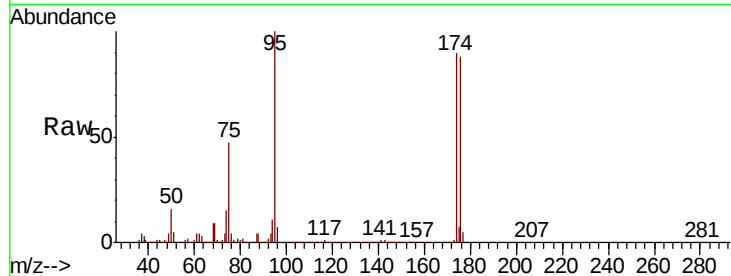




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

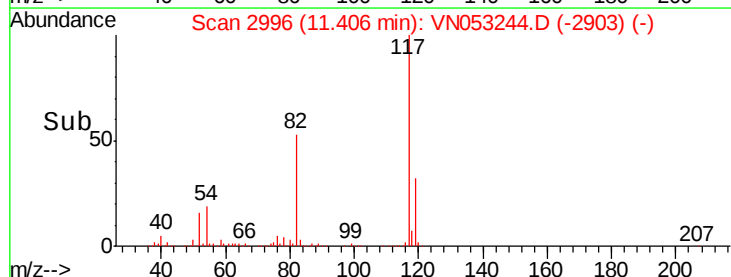
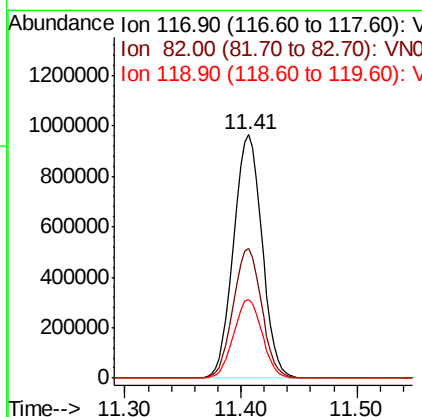
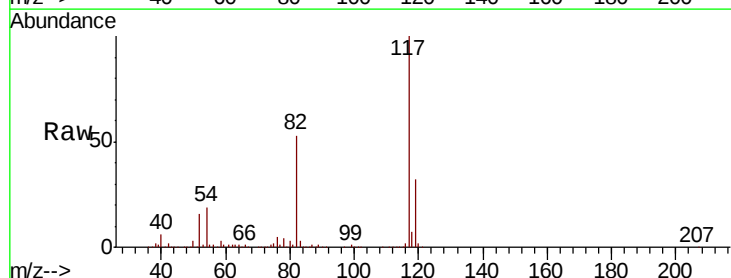
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER

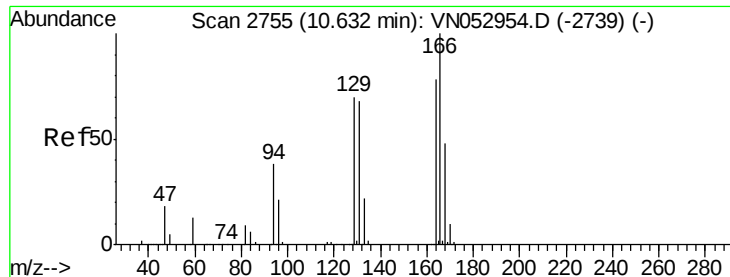
Tot Ion: 95 Resp: 683137
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.8
176 87.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

Tgt Ion: 117 Resp: 1637519
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.5 25.5 38.3

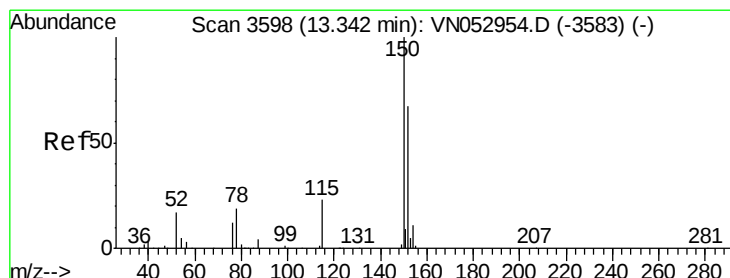
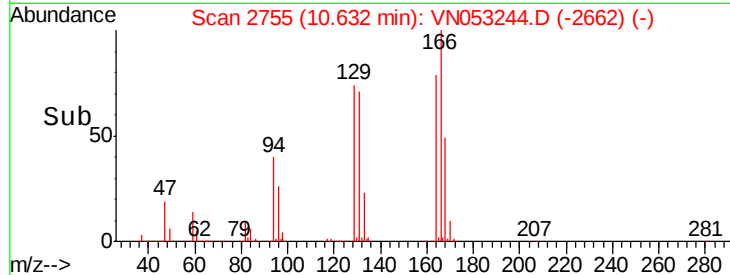
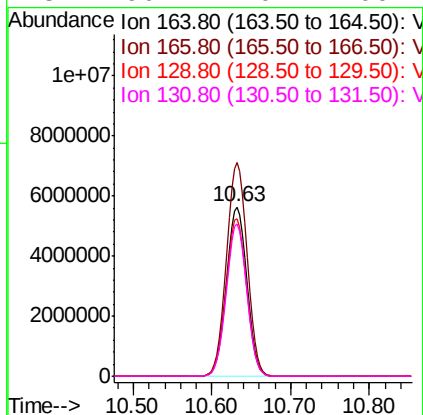
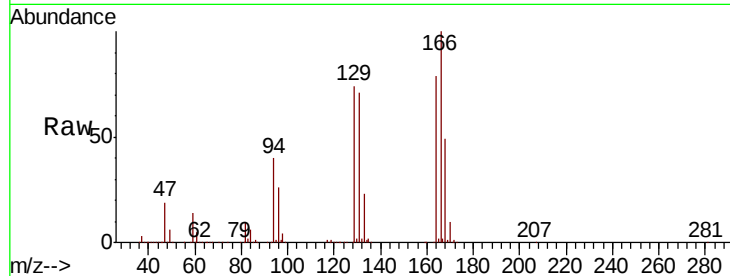




#64
Tetrachloroethene
Concen: 571.243 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

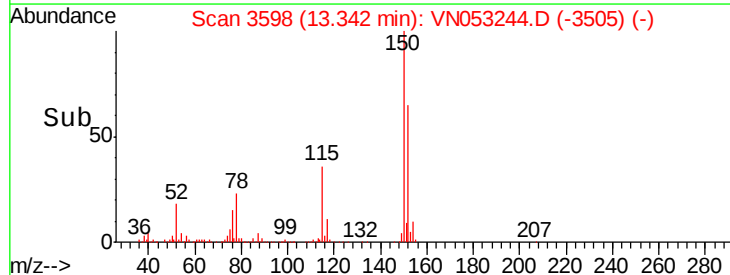
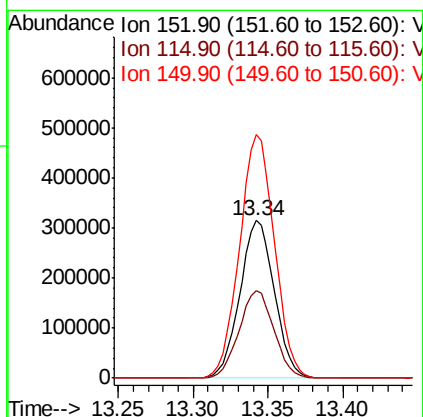
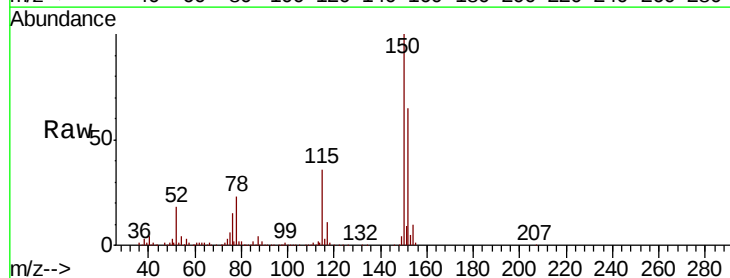
Instrument :
MSVOA_N
ClientSampled :
PURGE-WATER

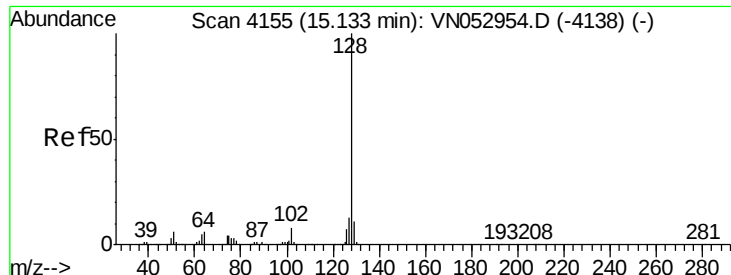
Tot Ion:164 Resp:10132705
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 93.2 73.7 110.5
131 90.1 70.7 106.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

Tgt Ion:152 Resp: 504761
Ion Ratio Lower Upper
152 100
115 55.8 28.3 85.0
150 156.1 0.0 347.8

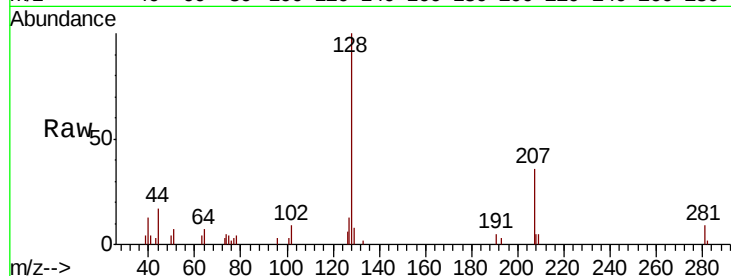




#95
Naphthalene
Concen: 1.793 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.4
129	8.7	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

