

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 01:23:35 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						
33) 1,2-Dichloroethane-d4	8.02	65	563489	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.59	113	515528	62.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.78%	
50) Toluene-d8	10.09	98	2221737	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	683137	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	

Target Compounds					Qvalue
4) Vinyl Chloride	2.19	62	9868	0.678	ug/l 89
11) Tert butyl alcohol	4.76	59	291	0.401	ug/l # 74
12) 1,1-Dichloroethene	3.74	96	4907	0.440	ug/l 94
13) Acrolein	3.60	56	464	0.706	ug/l # 5
14) Allyl chloride	4.26	41	7746	0.448	ug/l # 39
16) Acetone	3.82	43	115683	49.652	ug/l 99
17) Carbon Disulfide	4.06	76	7380	0.203	ug/l # 94
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
29) Tetrahydrofuran	7.21	42	853	0.292	ug/l # 34
30) Chloroform	7.37	83	9079	0.421	ug/l 98
31) Cyclohexane	7.67	56	19557	Below Cal	# 1
36) 1,1-Dichloropropene	7.66	75	76840	4.426	ug/l # 48
37) Ethyl Acetate	6.83	43	17872	1.844	ug/l # 1
38) Carbon Tetrachloride	7.66	117	99577	6.257	ug/l # 15
43) Isopropyl Acetate	8.28	43	64682	2.455	ug/l # 53
44) Trichloroethene	8.83	130	169420	11.342	ug/l 97
48) Methyl methacrylate	9.17	41	15633	1.662	ug/l # 35
51) 4-Methyl-2-Pentanone	9.98	43	3522	0.375	ug/l # 87
52) Toluene	10.15	92	15649	0.489	ug/l 96
55) 1,1,2-Trichloroethane	10.56	97	2685	0.240	ug/l # 86
59) 2-Hexanone	10.75	43	2733	0.430	ug/l 93
60) Dibromochloromethane	10.63	129	8993705	703.599	ug/l # 11
64) Tetrachloroethene	10.63	164	10132705	571.243	ug/l 98
66) 1,1,1,2-Tetrachloroethane	11.50	131	2646	0.210	ug/l # 66
68) m/p-Xylenes	11.62	106	5491	0.231	ug/l 95
71) Bromoform	12.40	173	4154	0.456	ug/l # 1
74) N-amyl acetate	12.03	43	6615	0.603	ug/l # 49
76) 1,2,3-Trichloropropane	12.40	75	318479	37.481	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.40	75	318479	120.805	ug/l # 12
89) n-Butylbenzene	13.62	91	5778	0.202	ug/l 97
93) 1,2,4-Trichlorobenzene	14.91	180	3805	1.011	ug/l 95
94) Hexachlorobutadiene	15.01	225	1801	Below Cal	92

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QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

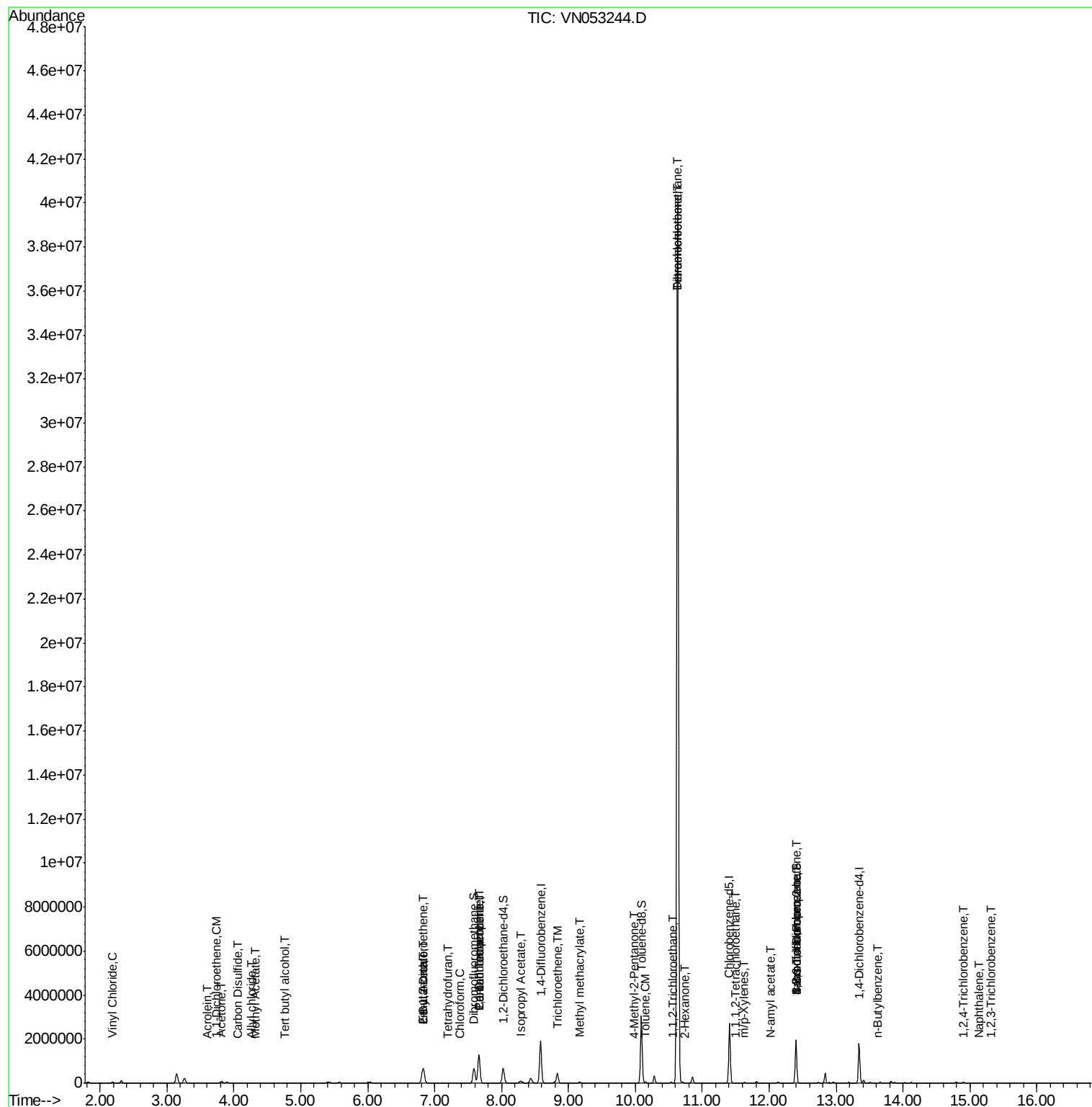
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	13129	1.793	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	4338	1.034	ug/l	99

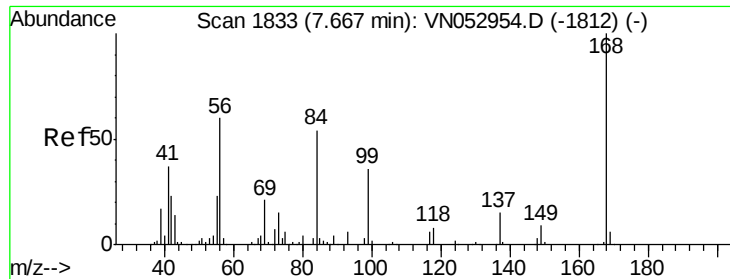
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

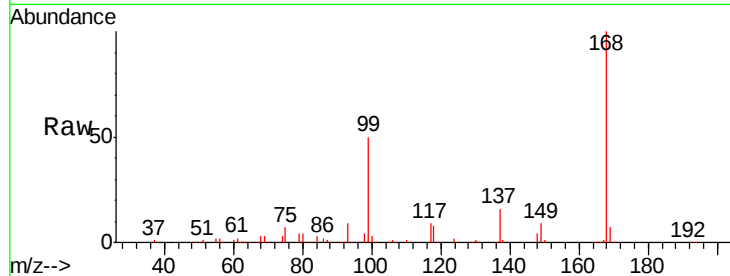
PURGE-WATER

Tgt 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): VNO

7.66

500000

400000

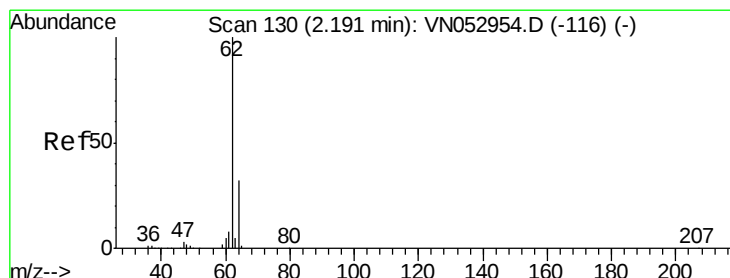
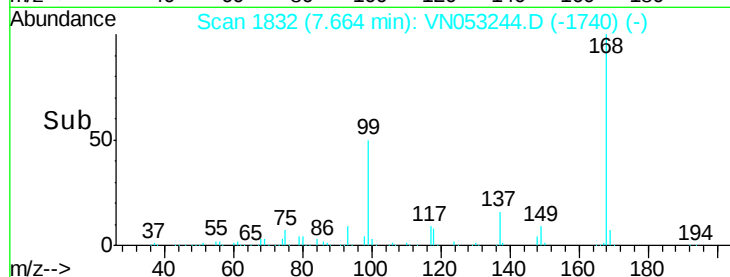
300000

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

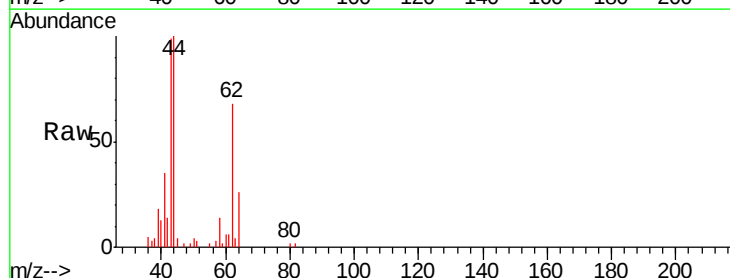
Acq: 2 Jan 2019 14:58

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): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

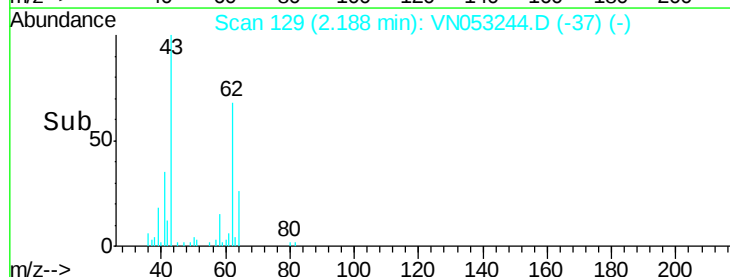
6000

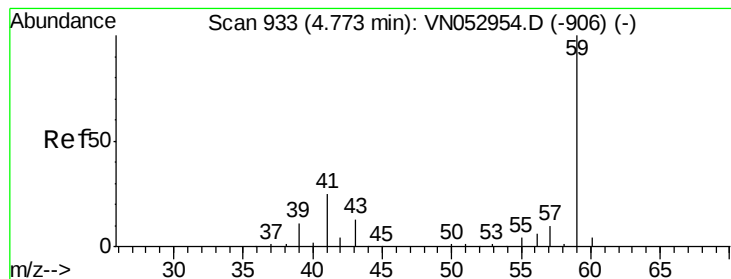
4000

2000

0

Time-->





#11

Tert butyl alcohol

Concen: 0.401 ug/l

RT: 4.76 min Scan# 930

Delta R.T. -0.01 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

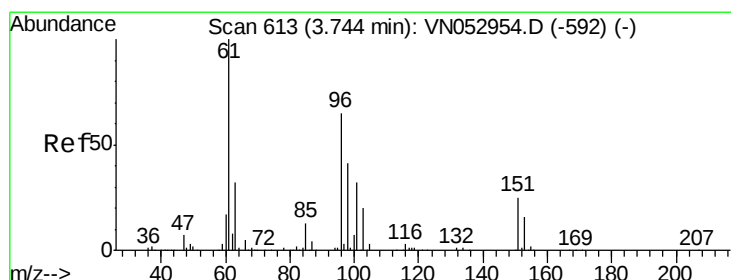
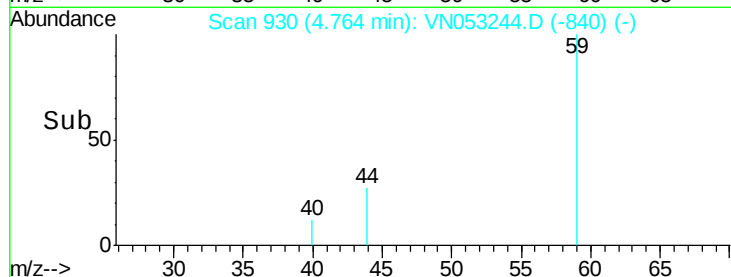
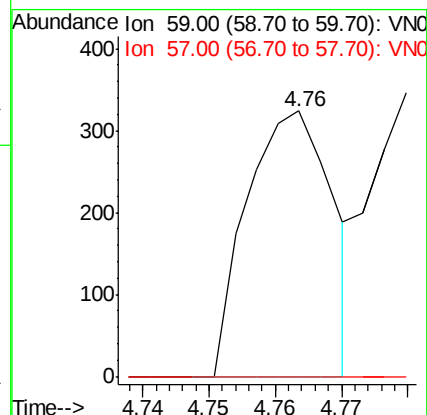
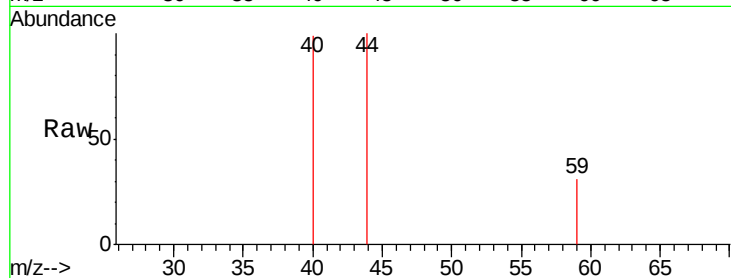
PURGE-WATER

Tgt Ion: 59 Resp: 291

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#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

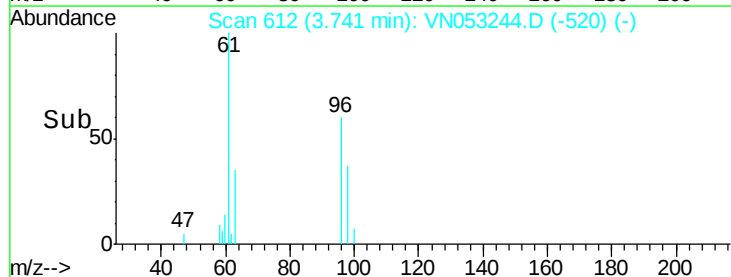
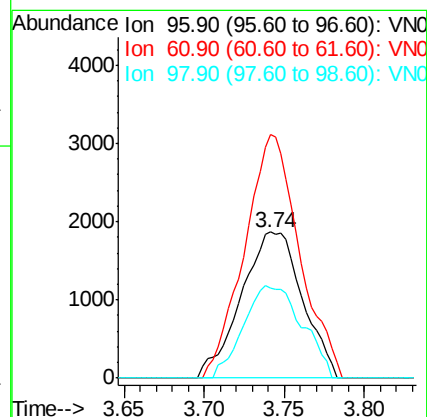
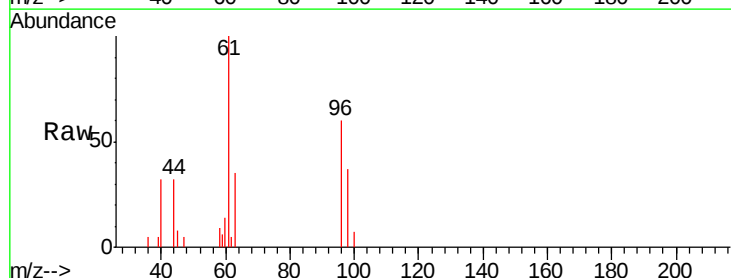
Tgt Ion: 96 Resp: 4907

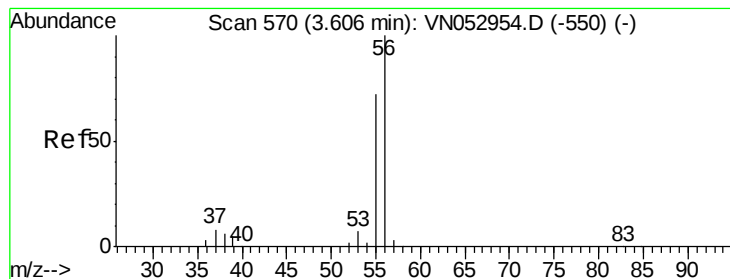
Ion Ratio Lower Upper

96 100

61 166.8 125.6 188.4

98 61.6 50.6 75.8





#13

Acrolein

Concen: 0.706 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

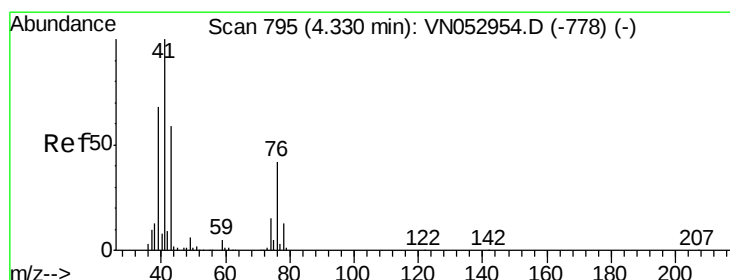
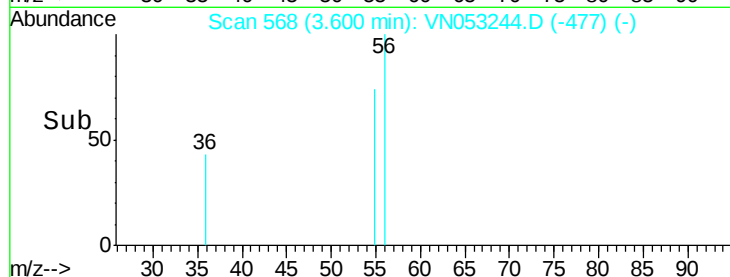
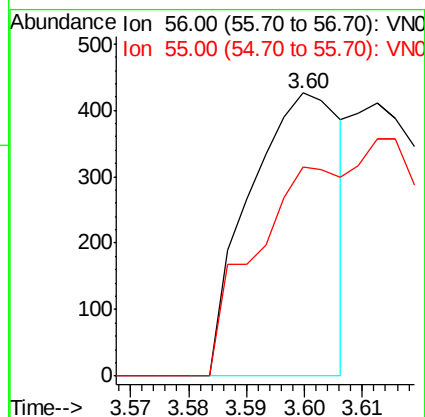
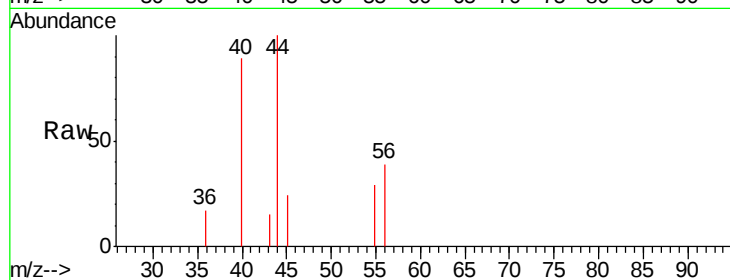
PURGE-WATER

Tgt Ion: 56 Resp: 464

Ion Ratio Lower Upper

56 100

55 149.1 56.6 85.0#



#14

Allyl chloride

Concen: 0.448 ug/l

RT: 4.26 min Scan# 774

Delta R.T. -0.07 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

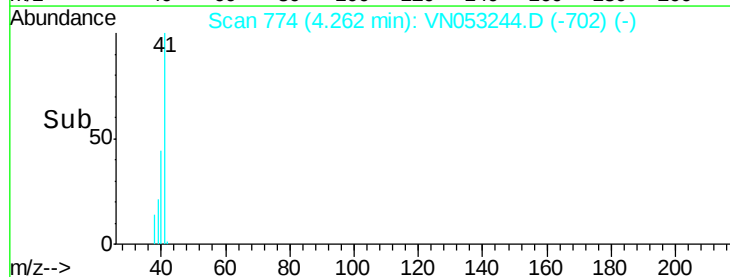
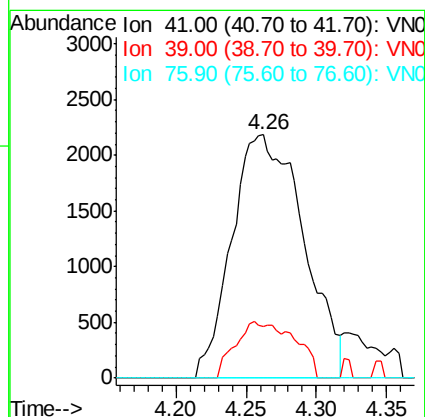
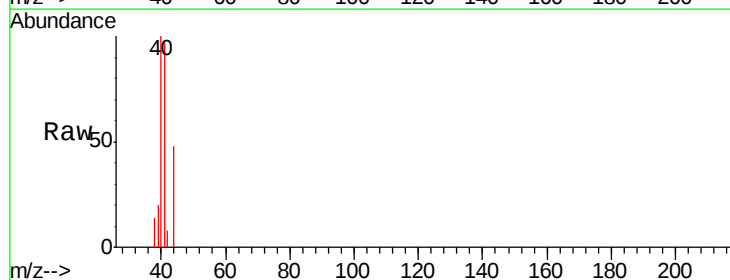
Tgt Ion: 41 Resp: 7746

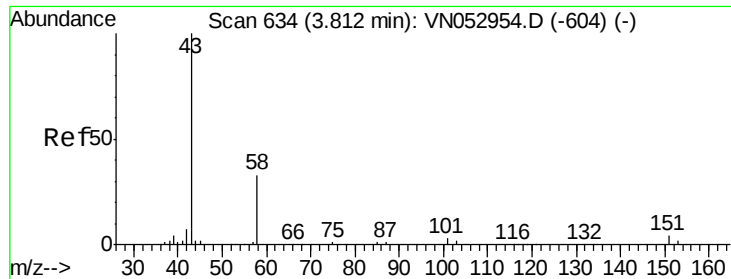
Ion Ratio Lower Upper

41 100

39 19.1 54.1 81.1#

76 0.0 30.3 45.5#





#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

Instrument :

MSVOA_N

ClientSampleId :

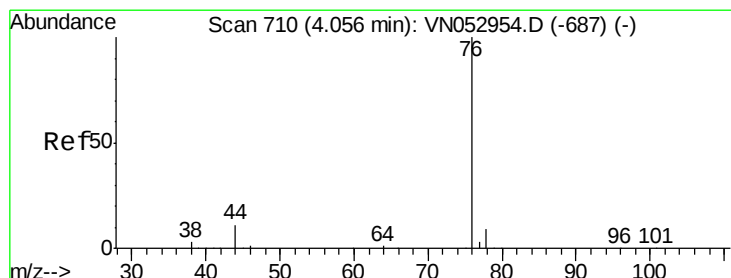
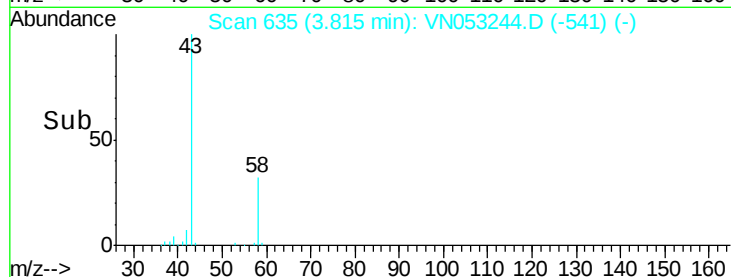
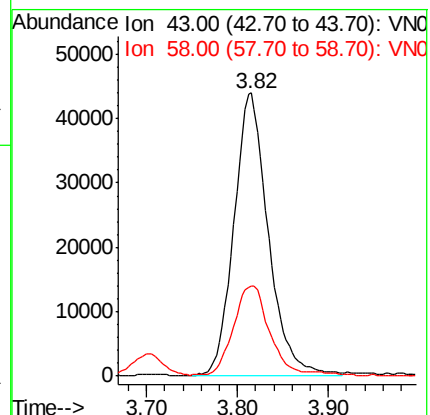
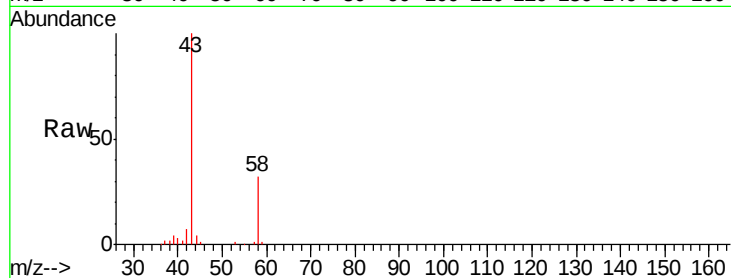
PURGE-WATER

Tgt Ion: 43 Resp: 115683

Ion Ratio Lower Upper

43 100

58 31.4 25.4 38.0



#17

Carbon Disulfide

Concen: 0.203 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053244.D

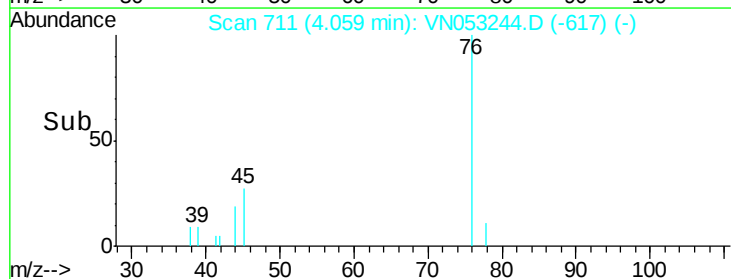
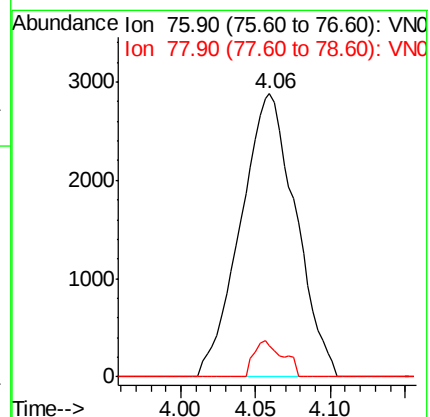
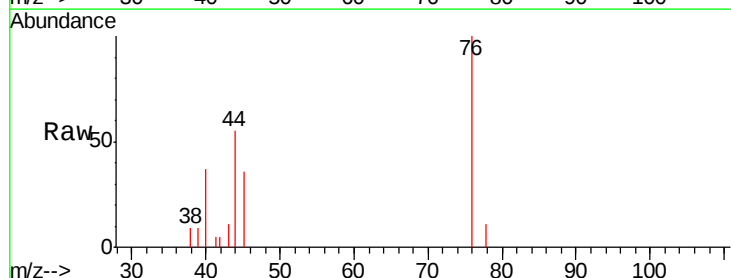
Acq: 2 Jan 2019 14:58

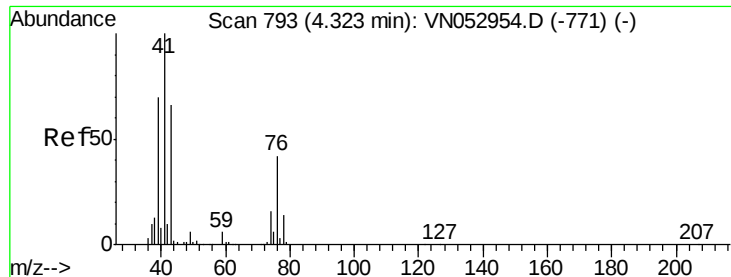
Tgt Ion: 76 Resp: 7380

Ion Ratio Lower Upper

76 100

78 11.0 7.1 10.7#

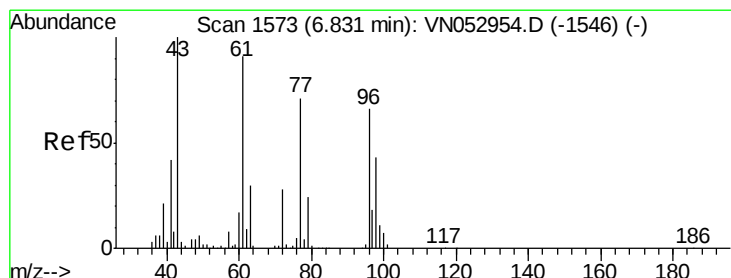
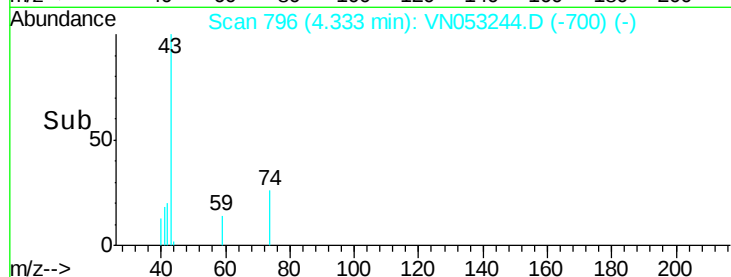
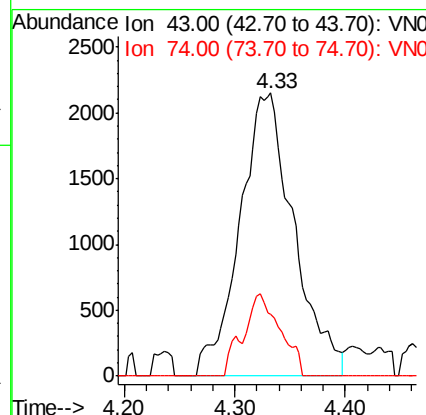
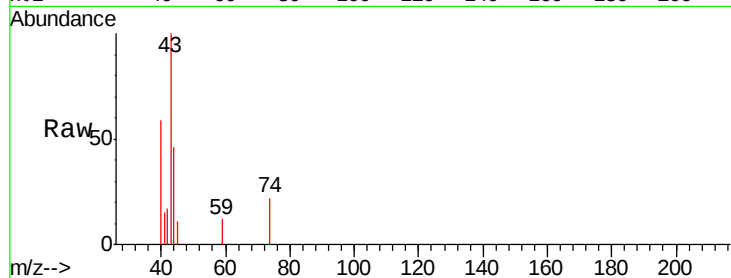




#18
Methyl Acetate
Concen: 1.671 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

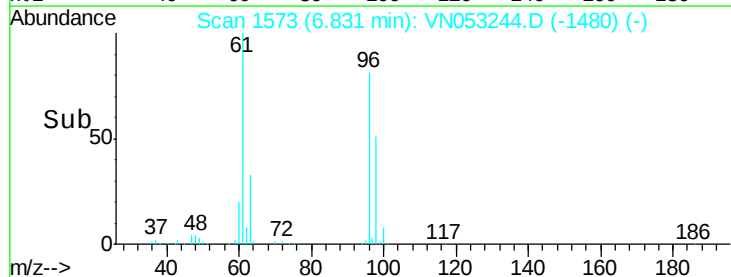
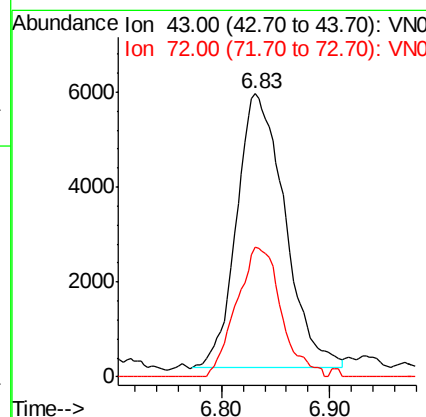
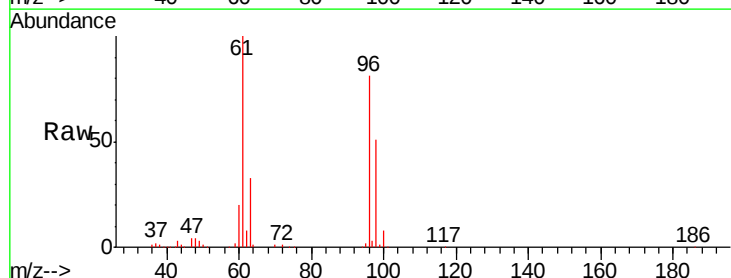
Instrument :
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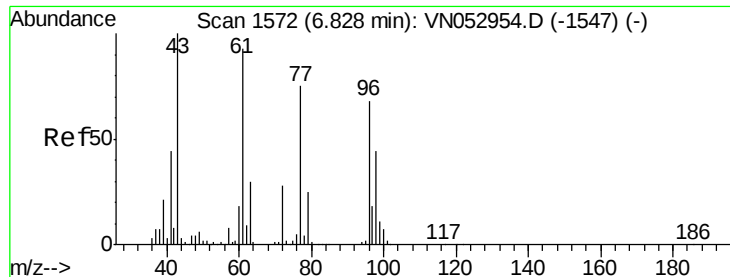
Tgt Ion: 43 Resp: 7325
Ion Ratio Lower Upper
43 100
74 16.7 19.2 28.8#



#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

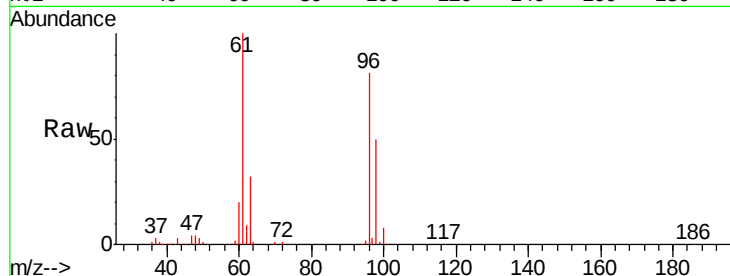
Tgt Ion: 96 Resp: 475540

Ion Ratio Lower Upper

96 100

61 124.9 0.0 284.2

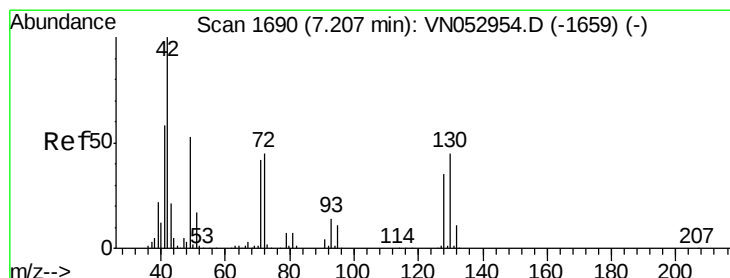
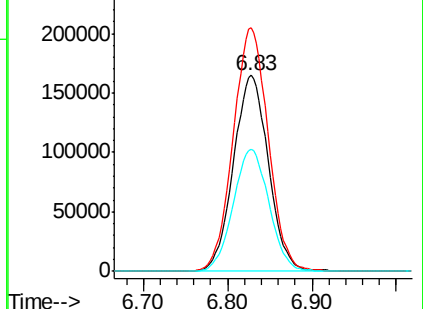
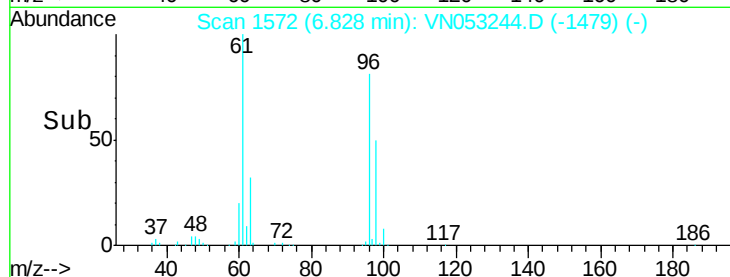
98 63.7 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053244.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053244.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053244.D (-1479) (-)



#29

Tetrahydrofuran

Concen: 0.292 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

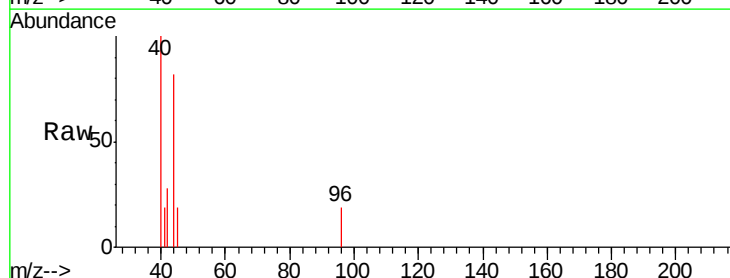
Tgt Ion: 42 Resp: 853

Ion Ratio Lower Upper

42 100

72 0.0 34.7 52.1#

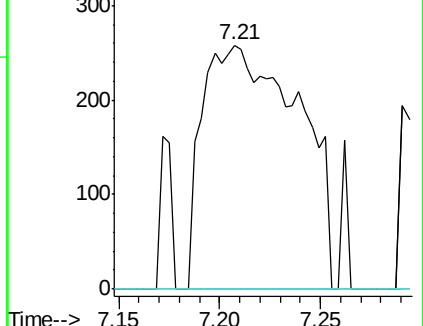
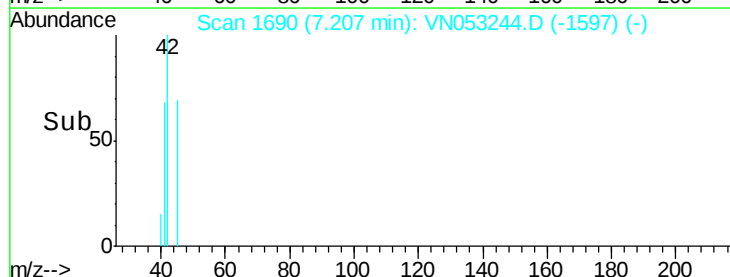
71 0.0 32.3 48.5#

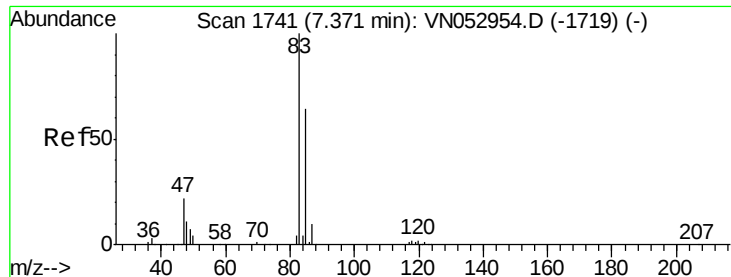


Abundance Ion 42.00 (41.70 to 42.70): VN053244.D (-1597) (-)

Ion 72.00 (71.70 to 72.70): VN053244.D (-1597) (-)

Ion 71.00 (70.70 to 71.70): VN053244.D (-1597) (-)





#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

Instrument :

MSVOA_N

ClientSampleId :

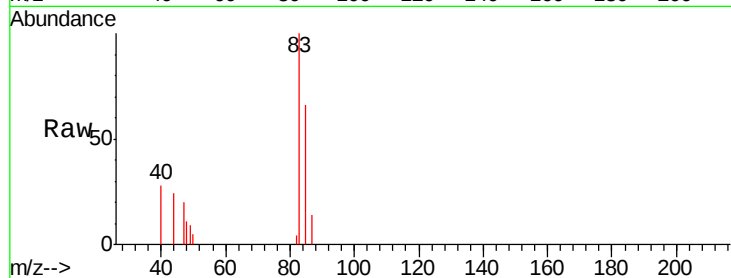
PURGE-WATER

Tgt Ion: 83 Resp: 9079

Ion Ratio Lower Upper

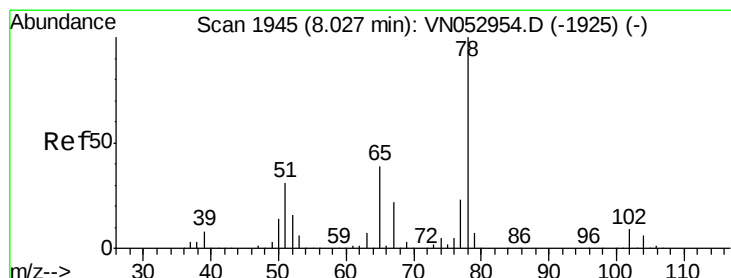
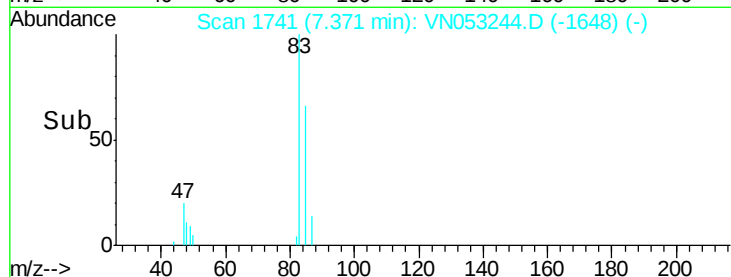
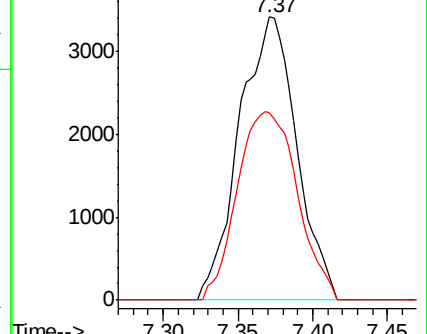
83 100

85 66.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#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

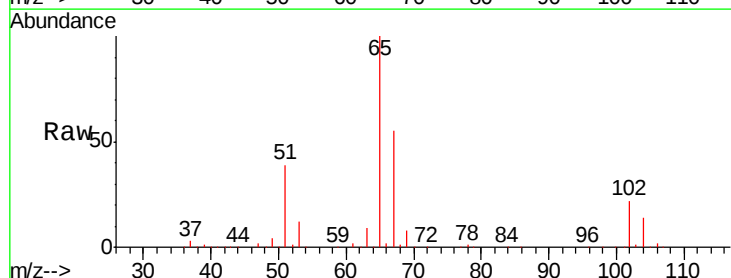
Acq: 2 Jan 2019 14:58

Tgt Ion: 65 Resp: 563489

Ion Ratio Lower Upper

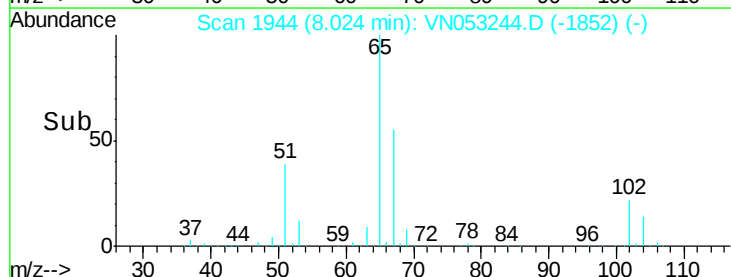
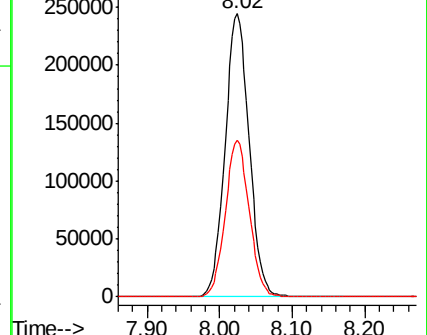
65 100

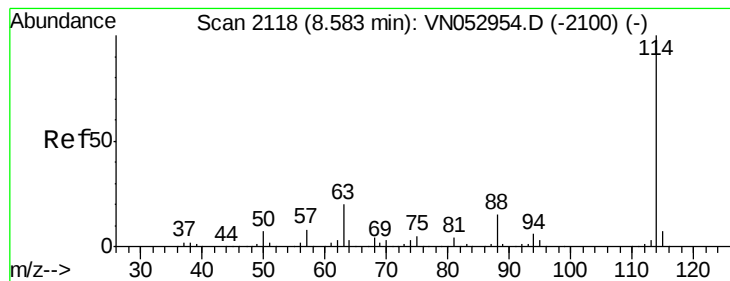
67 55.1 0.0 110.4



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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

PURGE-WATER

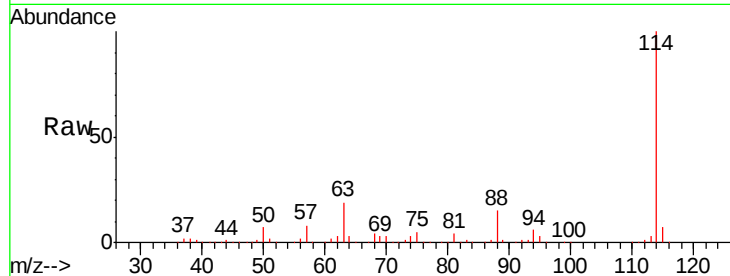
Tgt Ion:114 Resp: 1808818

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

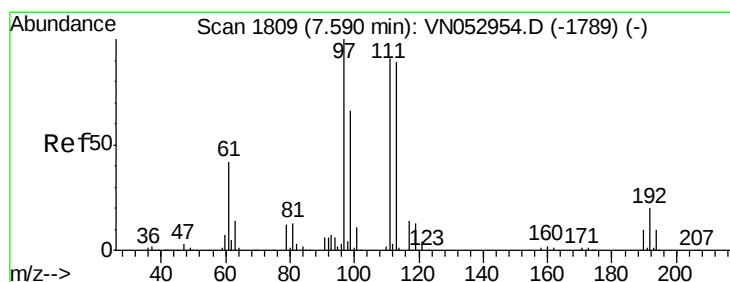
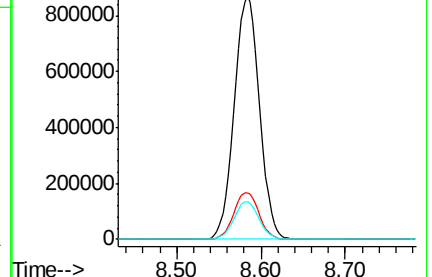
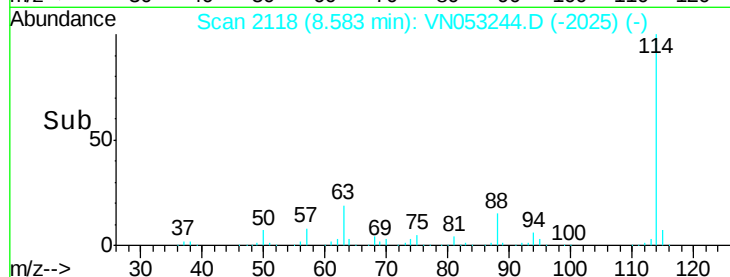
88 15.4 0.0 31.0



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# 1808

Delta R.T. -0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

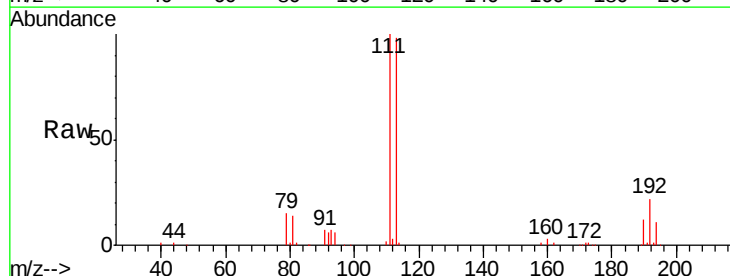
Tgt Ion:113 Resp: 515528

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.4

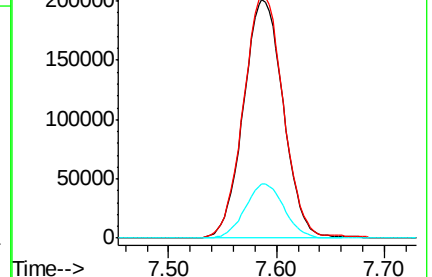
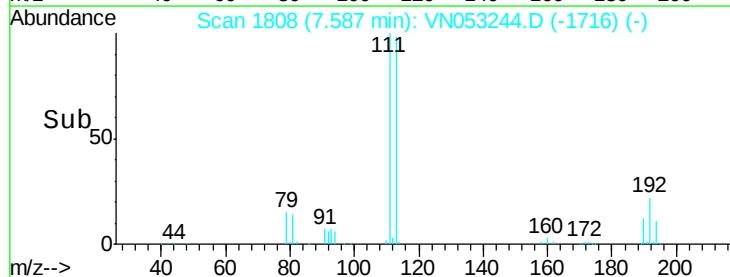
192 22.3 17.5 26.3

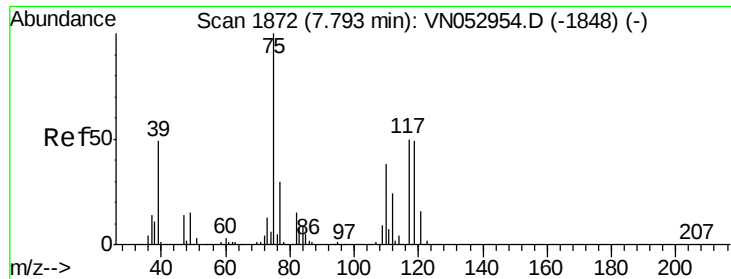


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.426 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

PURGE-WATER

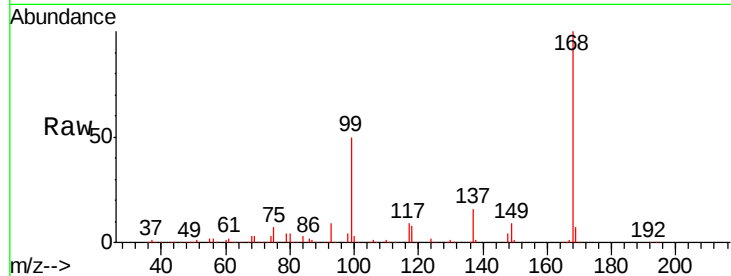
Tgt Ion: 75 Resp: 76840

Ion Ratio Lower Upper

75 100

110 8.1 18.2 54.6#

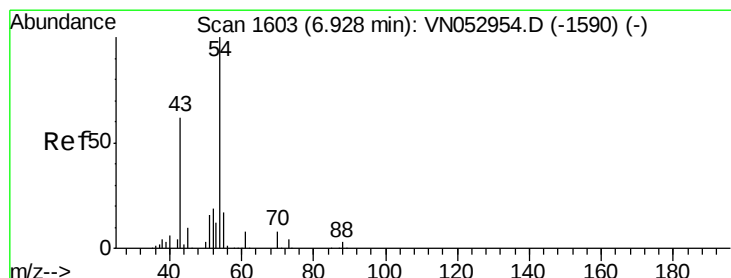
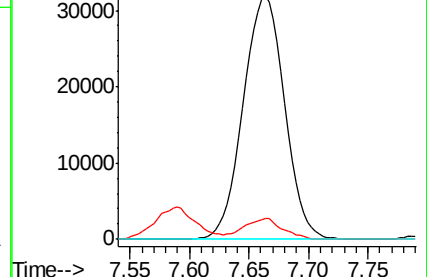
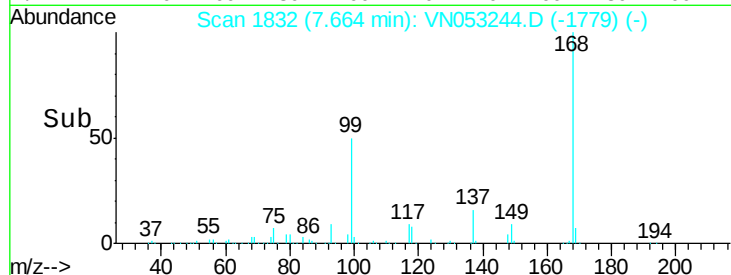
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN053244.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053244.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053244.D (-1779) (-)



#37

Ethyl Acetate

Concen: 1.844 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.10 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

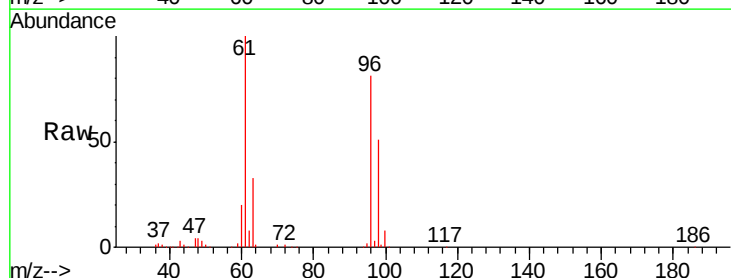
Tgt Ion: 43 Resp: 17872

Ion Ratio Lower Upper

43 100

61 3322.9 11.8 17.6#

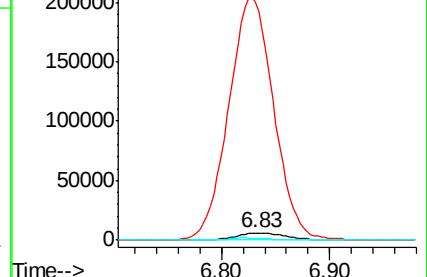
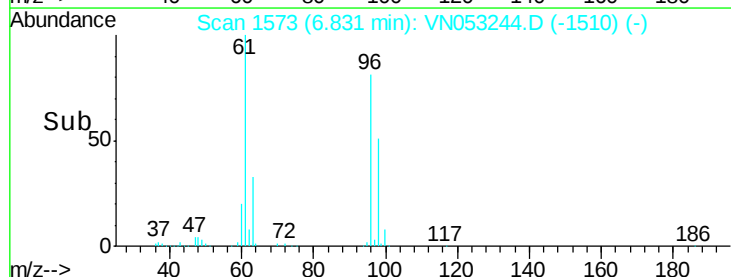
70 29.2 8.4 12.6#

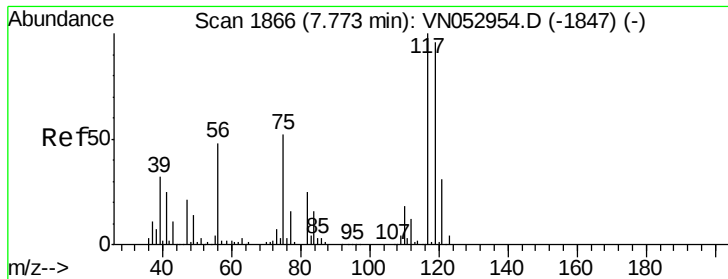


Abundance Ion 43.00 (42.70 to 43.70): VN053244.D (-1510) (-)

Ion 60.90 (60.60 to 61.60): VN053244.D (-1510) (-)

Ion 70.00 (69.70 to 70.70): VN053244.D (-1510) (-)

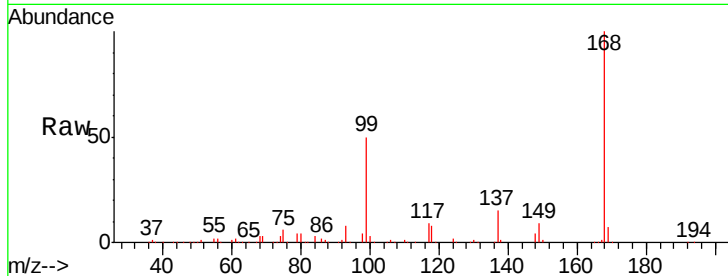




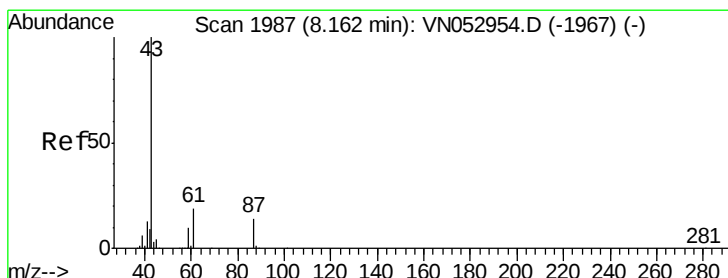
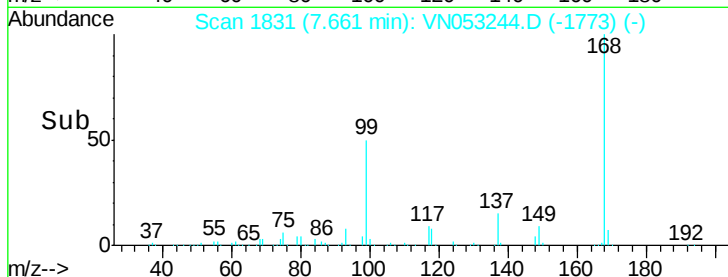
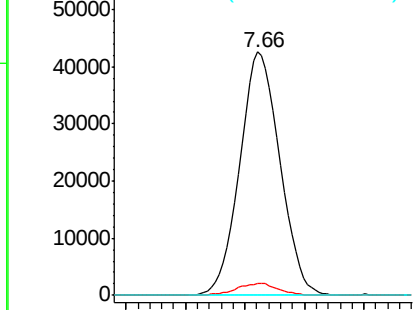
#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER

Tgt Ion:117 Resp: 99577
Ion Ratio Lower Upper
117 100
119 4.6 77.1 115.7#
121 0.0 24.9 37.3#

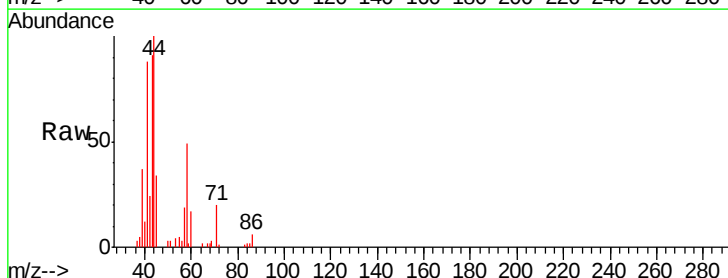


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

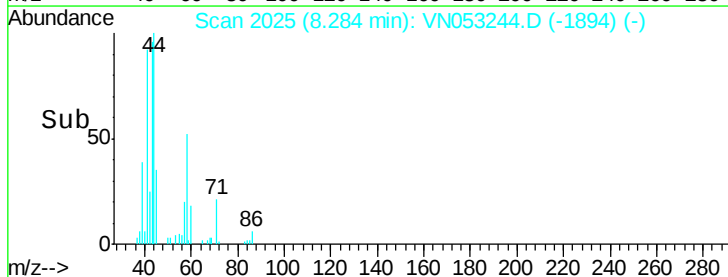
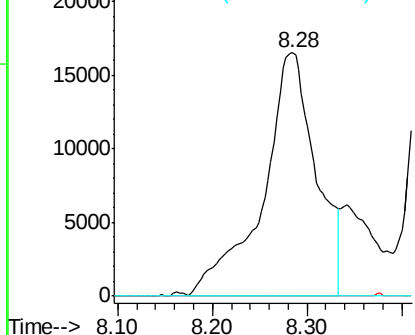


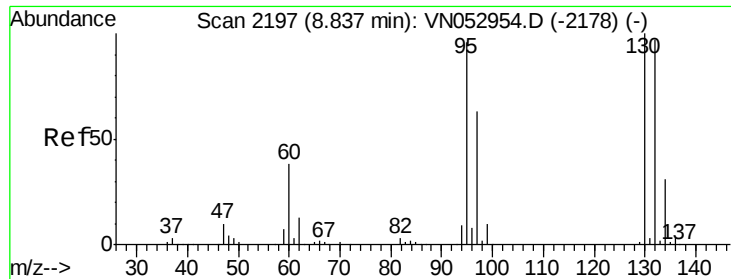
#43
Isopropyl Acetate
Concen: 2.455 ug/l
RT: 8.28 min Scan# 2025
Delta R.T. 0.12 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

Tgt Ion: 43 Resp: 64682
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): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#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

Instrument :

MSVOA_N

ClientSampleId :

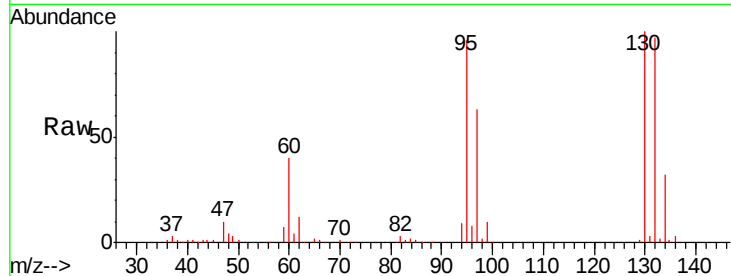
PURGE-WATER

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): VN

8.83

80000

60000

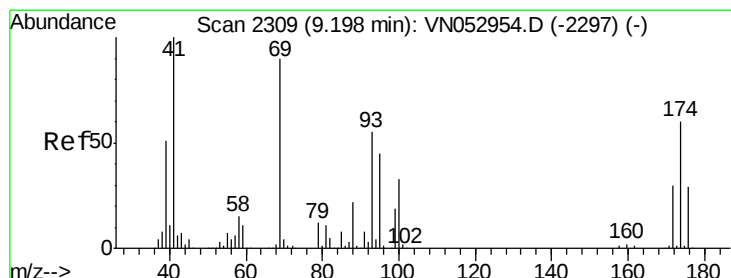
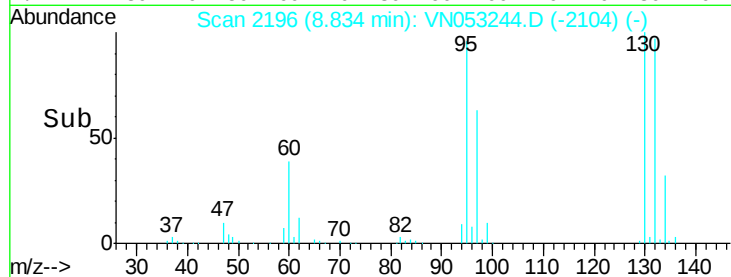
40000

20000

0

8.75 8.80 8.85 8.90

Time-->



#48

Methyl methacrylate

Concen: 1.662 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.03 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

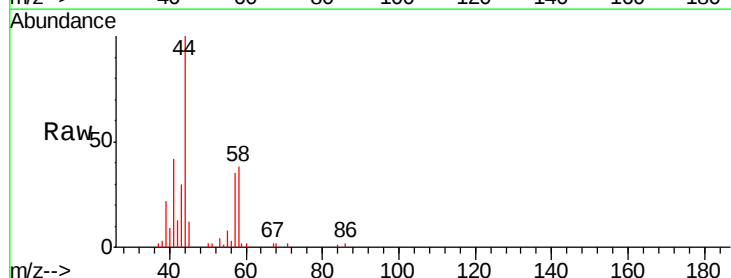
Tgt Ion: 41 Resp: 15633

Ion Ratio Lower Upper

41 100

69 0.0 72.2 108.2#

39 42.8 41.9 62.9



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 39.00 (38.70 to 39.70): VN

8000

6000

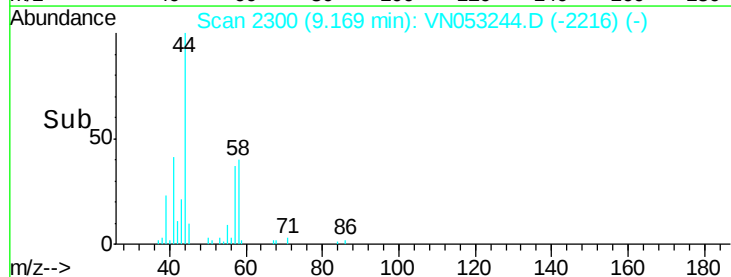
4000

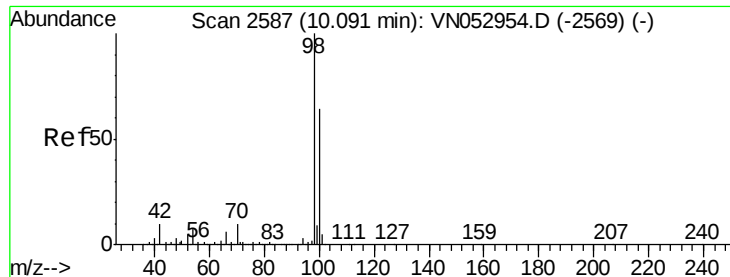
2000

0

9.10 9.15 9.20 9.25

Time-->





#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 :

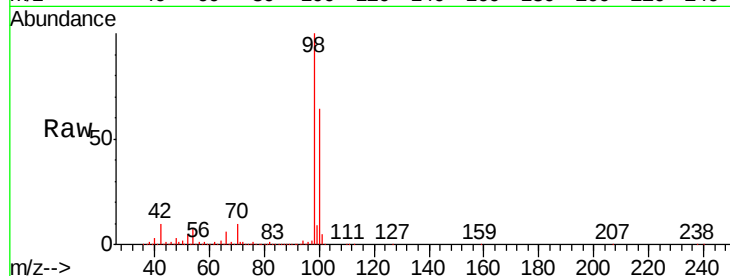
PURGE-WATER

Tgt 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): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)

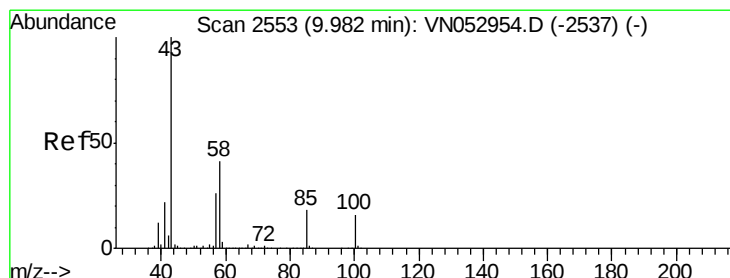
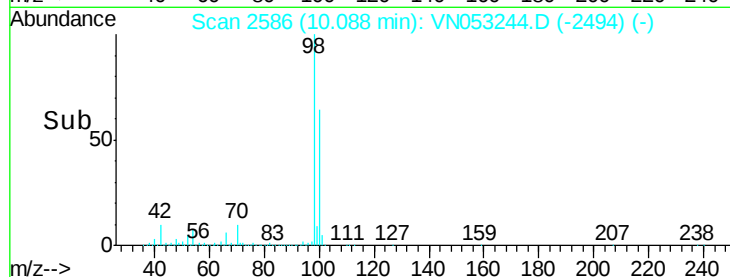
10.09

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.375 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN053244.D

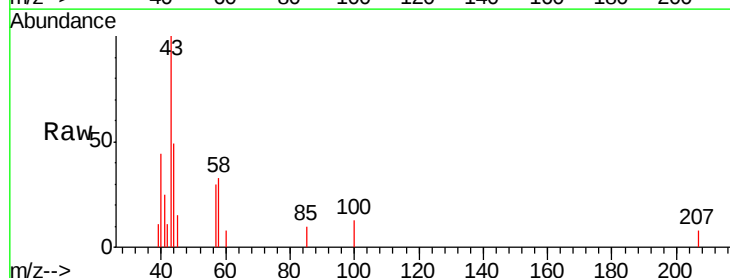
Acq: 2 Jan 2019 14:58

Tgt Ion: 43 Resp: 3522

Ion Ratio Lower Upper

43 100

58 32.2 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-2537) (-)

9.98

2500

2000

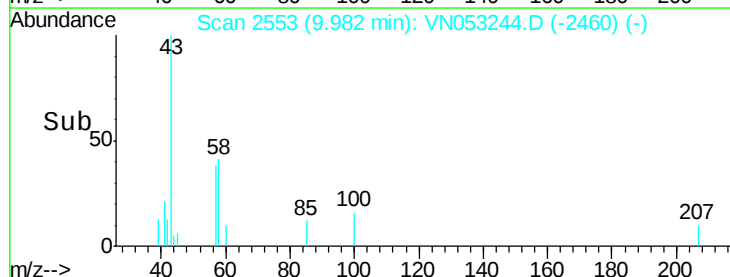
1500

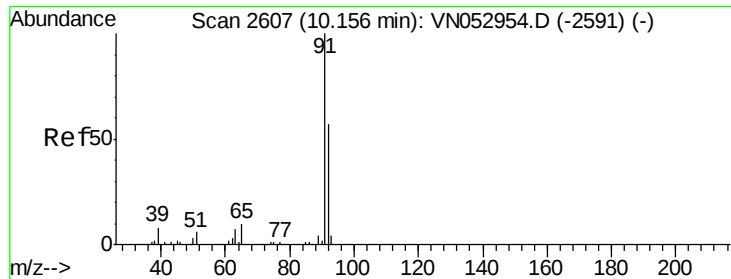
1000

500

0

Time-->





#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

Instrument :

MSVOA_N

ClientSampleId :

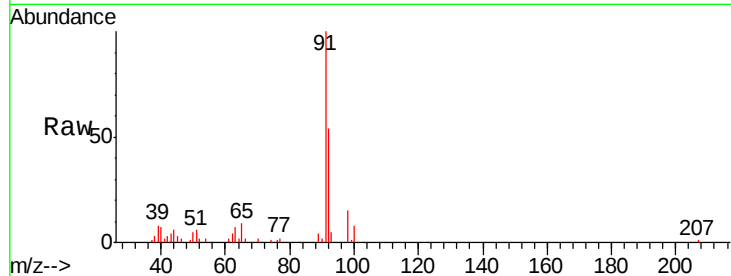
PURGE-WATER

Tgt Ion: 92 Resp: 15649

Ion Ratio Lower Upper

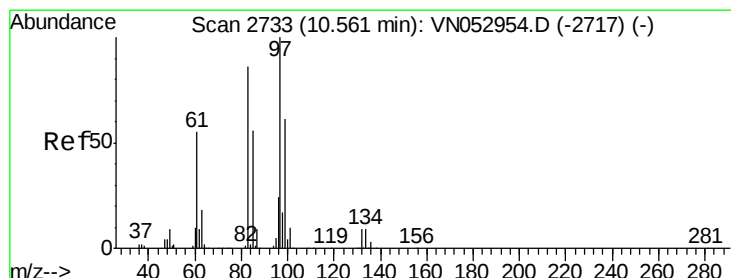
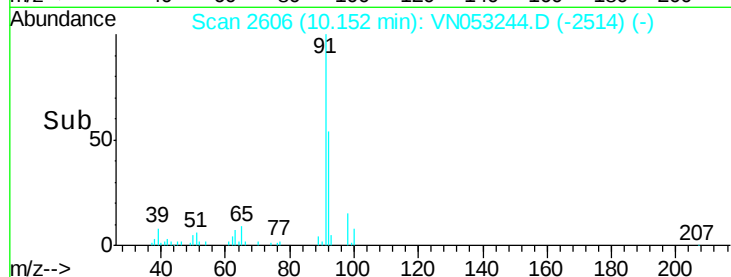
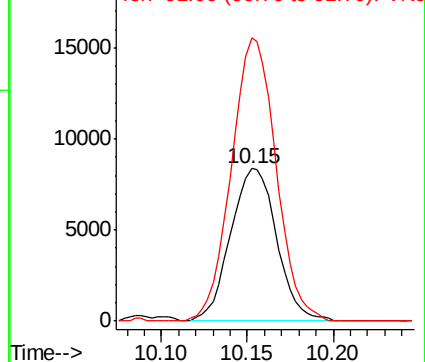
92 100

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



#55

1,1,2-Trichloroethane

Concen: 0.240 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Tgt Ion: 97 Resp: 2685

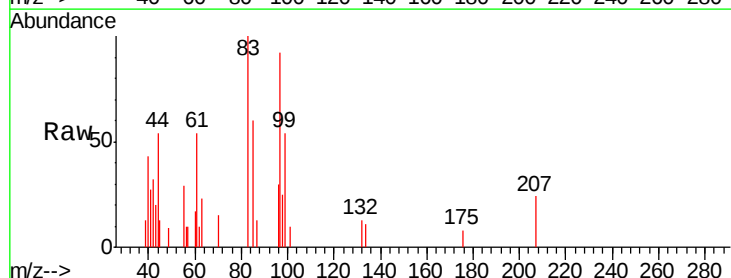
Ion Ratio Lower Upper

97 100

83 108.3 70.9 106.3#

85 64.9 45.4 68.2

99 57.0 50.4 75.6

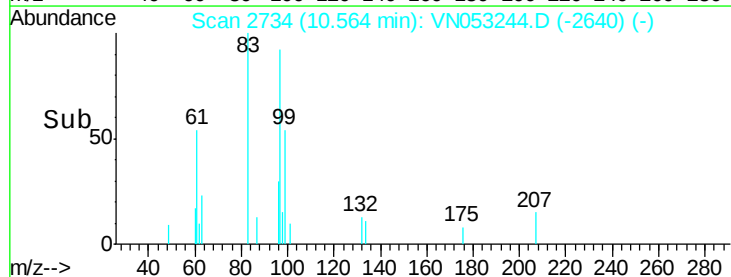
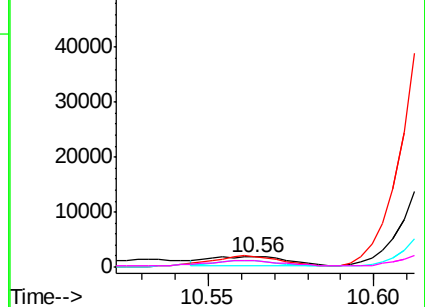


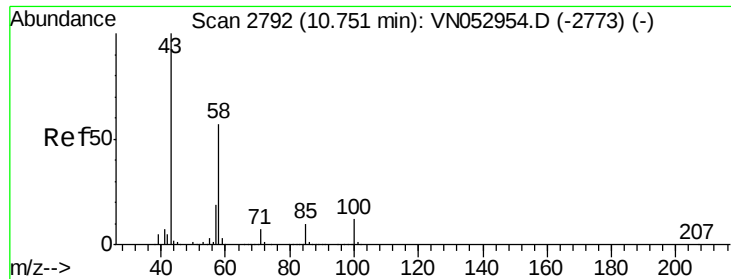
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

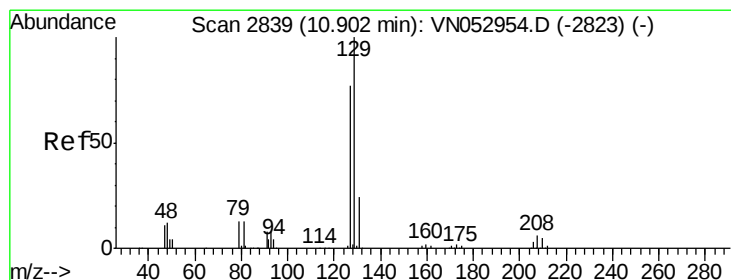
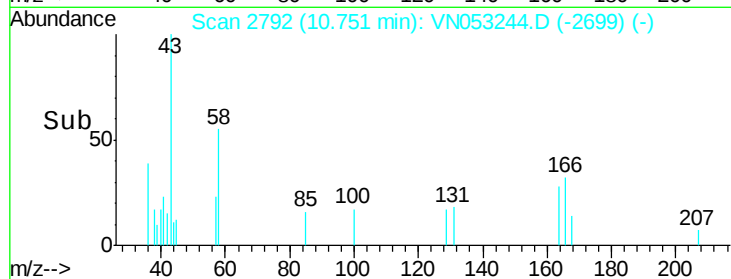
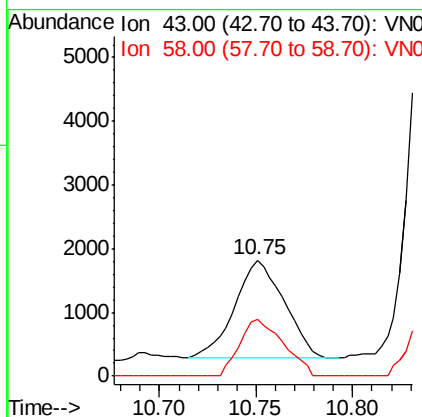
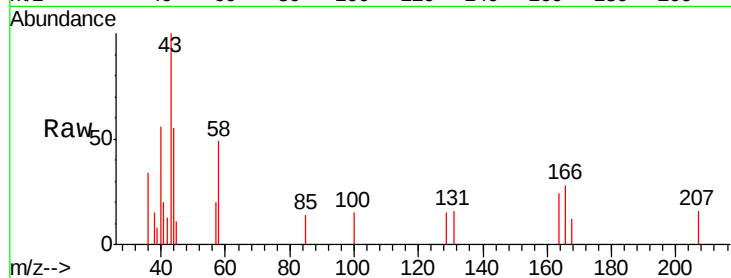




#59
2-Hexanone
Concen: 0.430 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

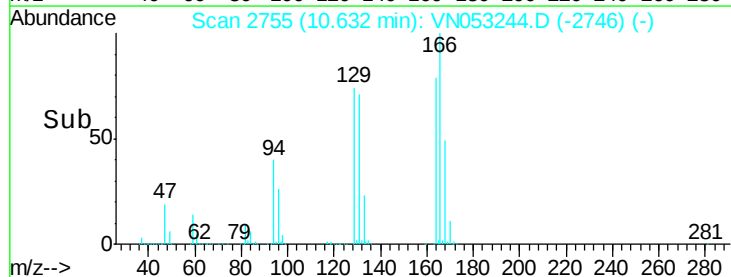
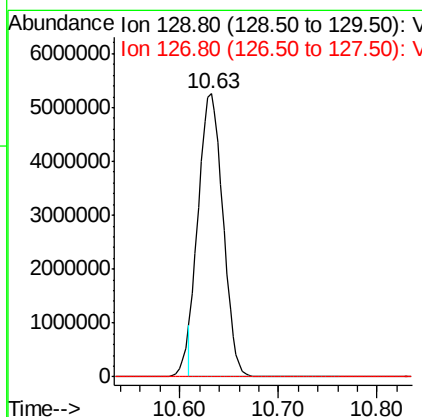
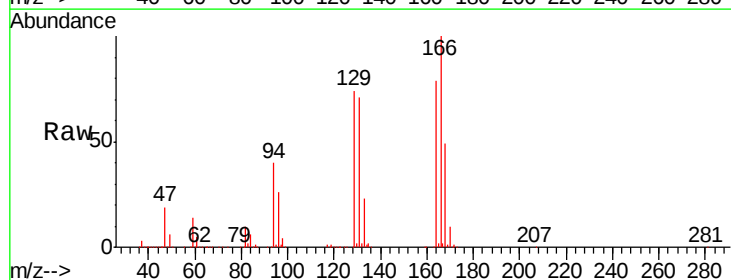
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER

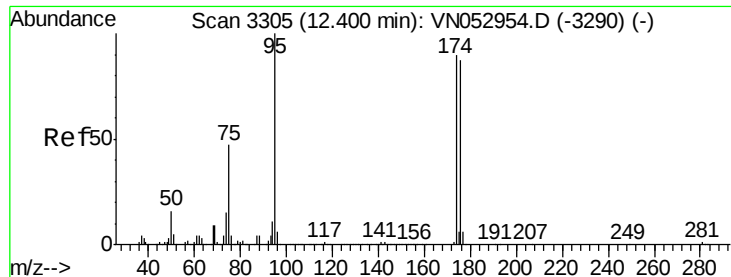
Tgt Ion: 43 Resp: 2733
Ion Ratio Lower Upper
43 100
58 50.8 28.1 84.3



#60
Dibromochloromethane
Concen: 703.599 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

Tgt Ion: 129 Resp: 8993705
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

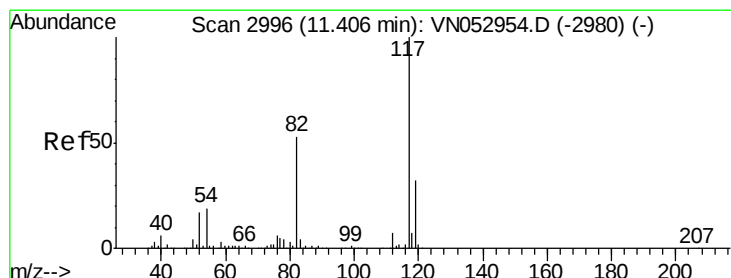
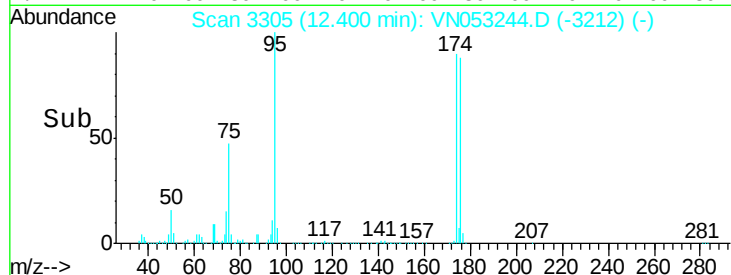
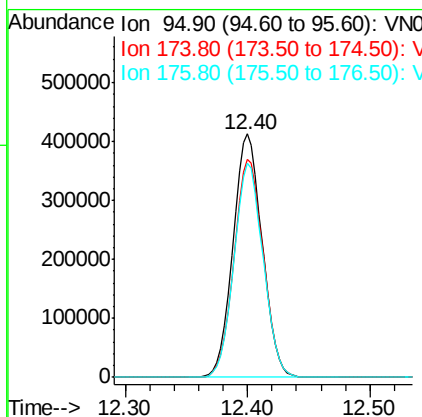
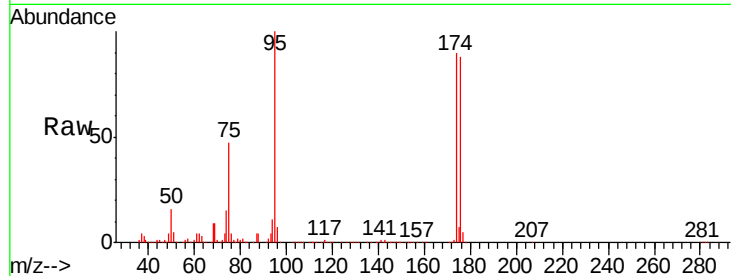




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

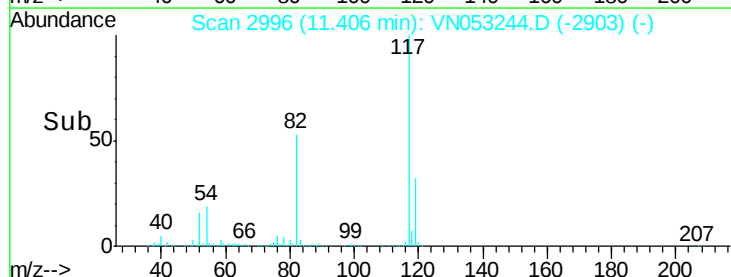
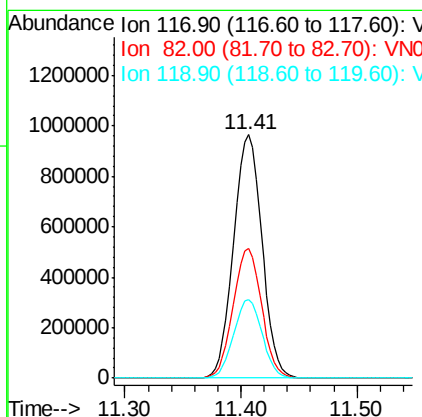
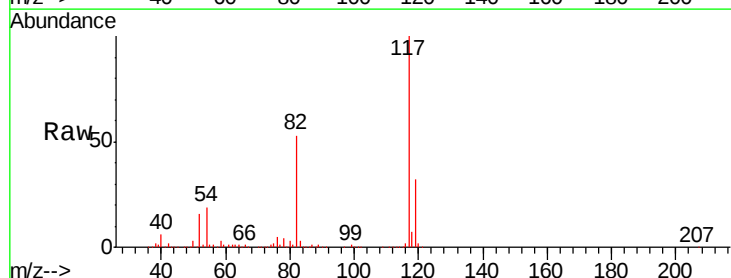
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER

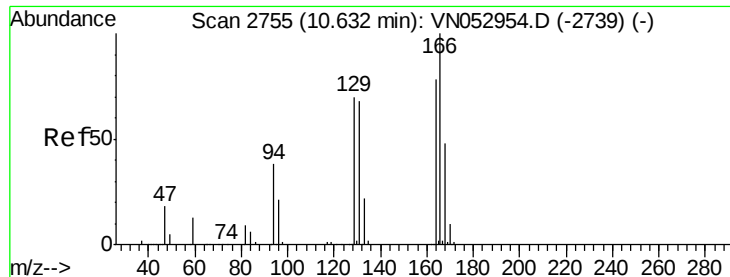
Tgt Ion: 95 Resp: 683137
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.8
176 87.7 0.0 173.8



#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

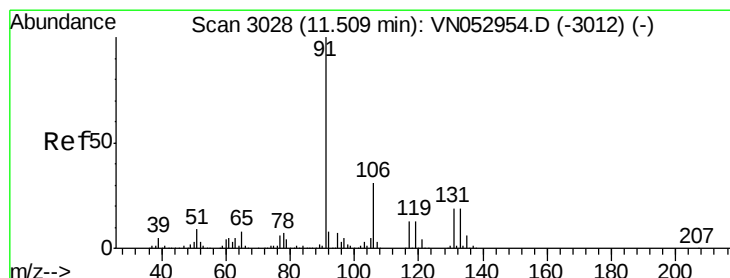
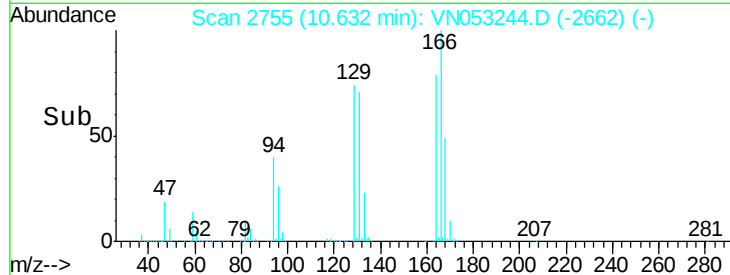
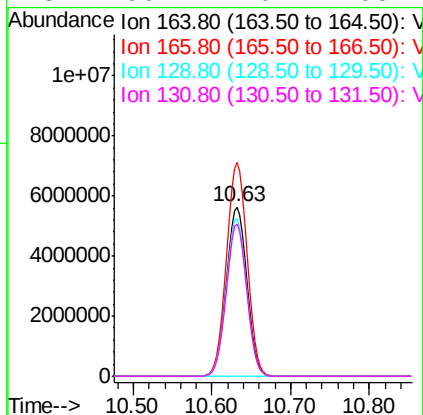
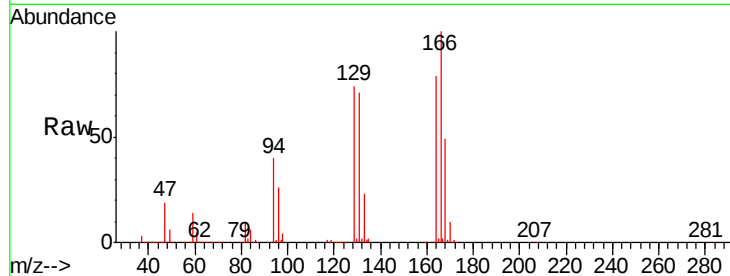




#64
Tetrachloroethene
Concen: 571.243 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

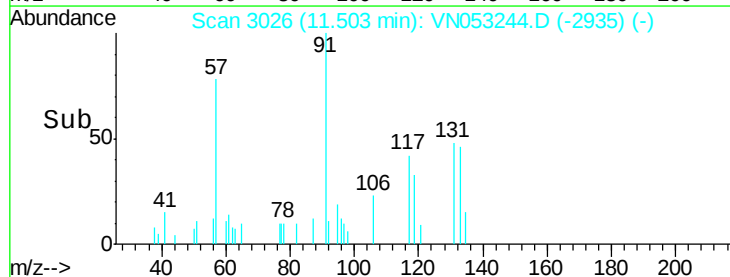
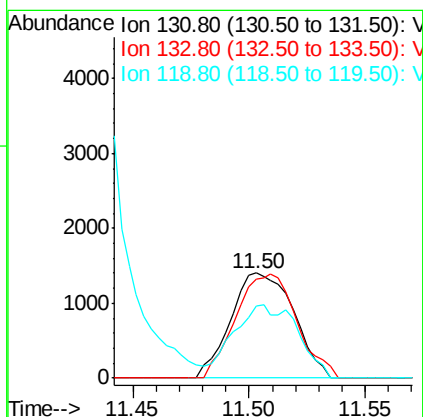
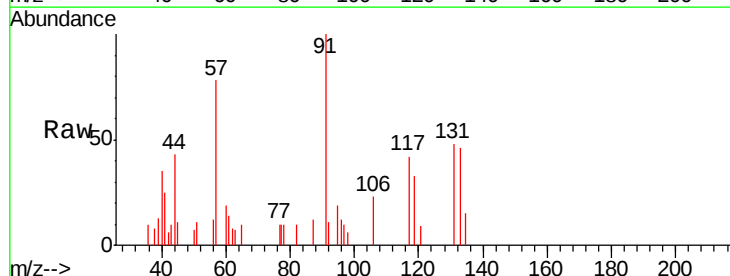
Instrument :
MSVOA_N
ClientSampled :
PURGE-WATER

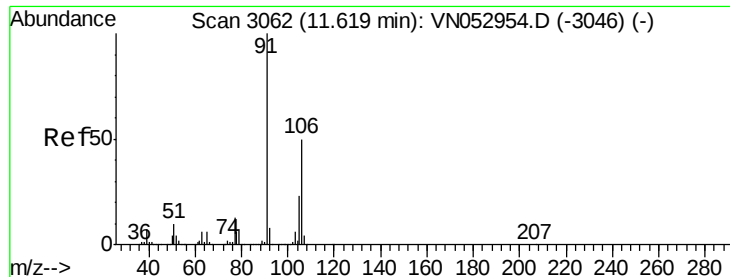
Tgt Ion:164 Resp:10132705
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 93.2 73.7 110.5
131 90.1 70.7 106.1



#66
1,1,1,2-Tetrachloroethane
Concen: 0.210 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.01 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

Tgt Ion:131 Resp: 2646
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 0.0 33.3 99.8#





#68

m/p-Xylenes

Concen: 0.231 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

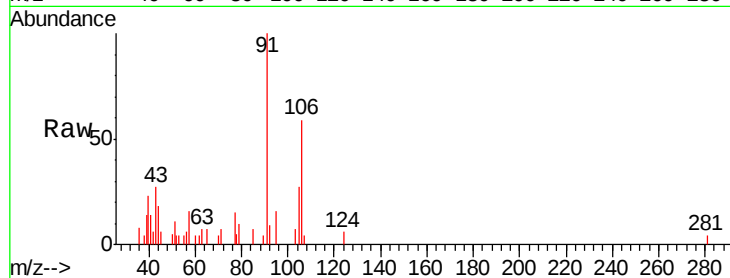
PURGE-WATER

Tgt Ion:106 Resp: 5491

Ion Ratio Lower Upper

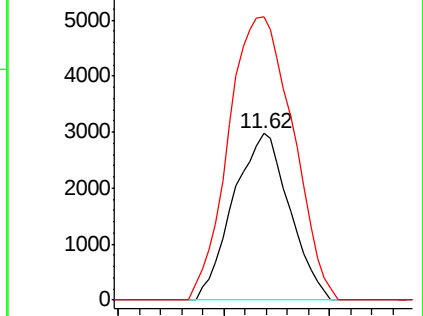
106 100

91 194.9 162.2 243.4

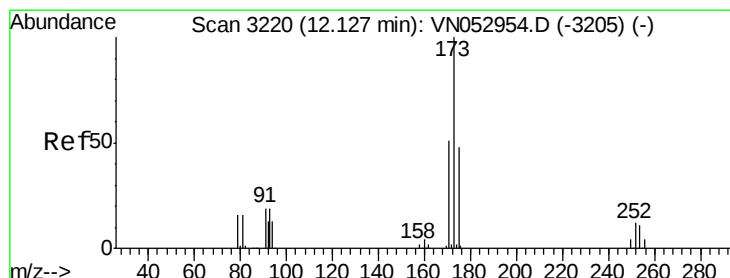
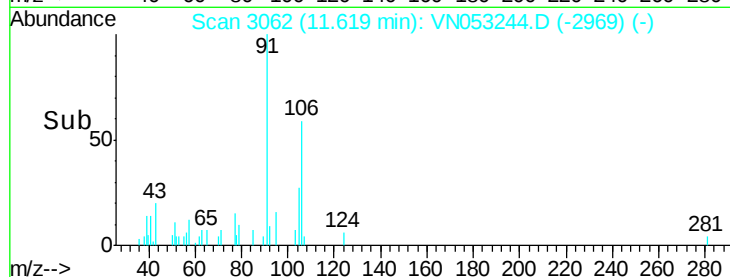


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



Time--> 11.55 11.60 11.65



#71

Bromoform

Concen: 0.456 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

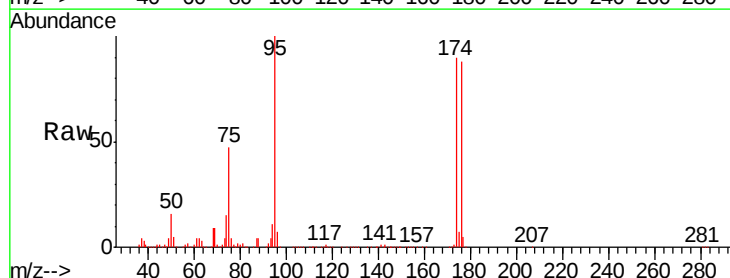
Tgt Ion:173 Resp: 4154

Ion Ratio Lower Upper

173 100

175 967.1 24.3 72.9#

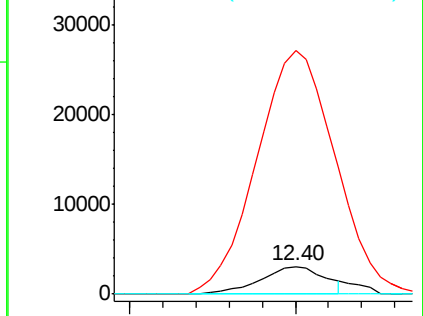
254 0.0 0.1 0.1#



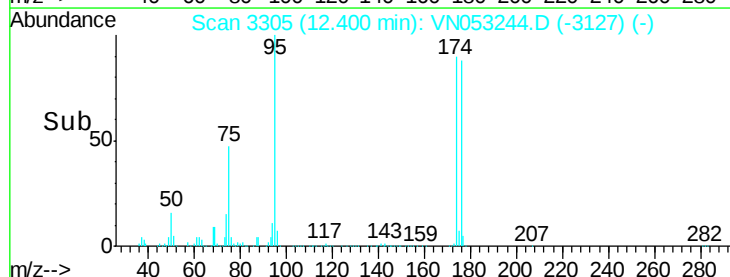
Abundance Ion 172.70 (172.40 to 173.40): V

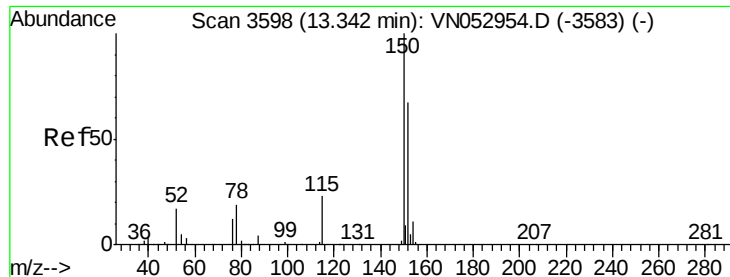
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time--> 12.35 12.40





#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

Instrument :

MSVOA_N

ClientSampleId :

PURGE-WATER

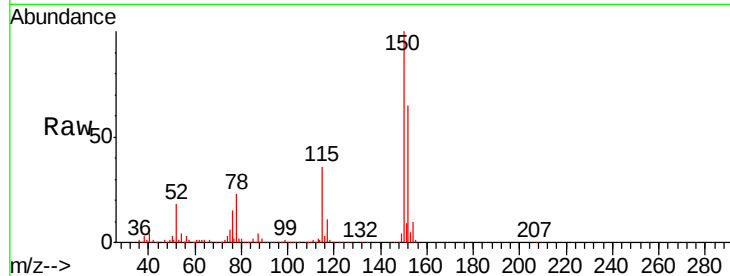
Tgt Ion:152 Resp: 504761

Ion Ratio Lower Upper

152 100

115 55.8 28.3 85.0

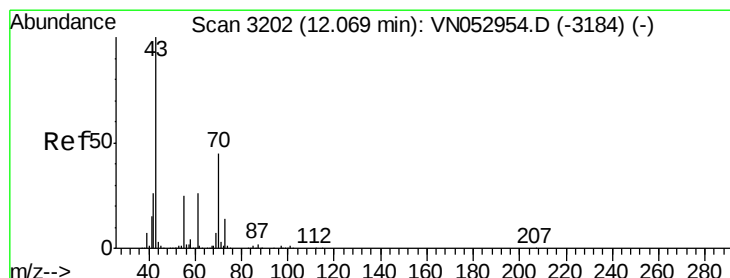
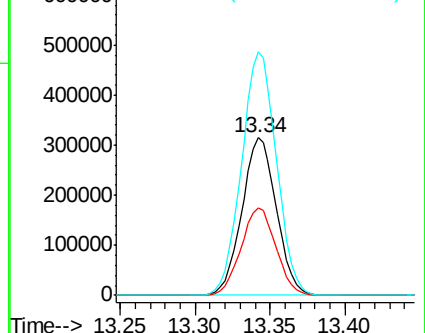
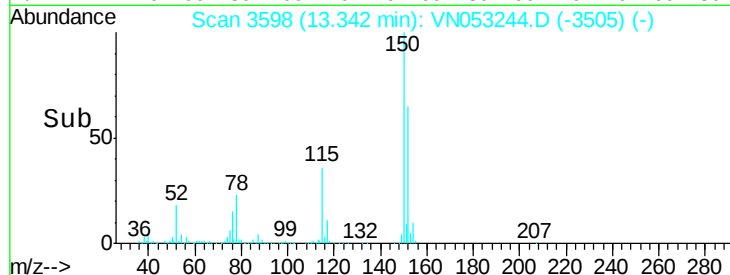
150 156.1 0.0 347.8



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-ethyl acetate

Concen: 0.603 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Tgt Ion: 43 Resp: 6615

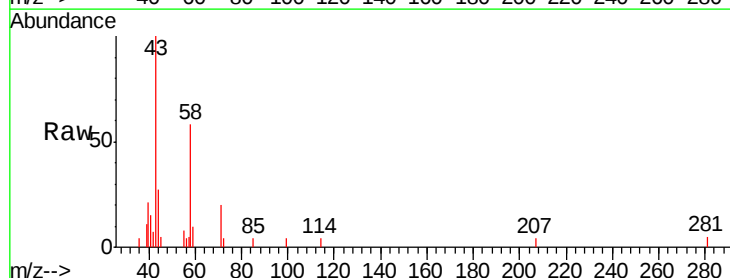
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 12.2 20.3 30.5#

61 0.0 20.0 30.0#

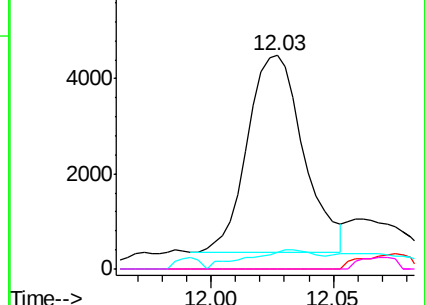
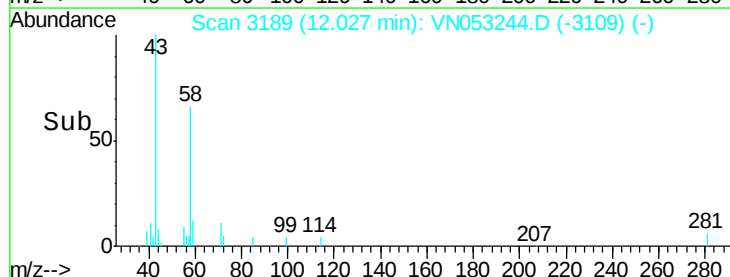


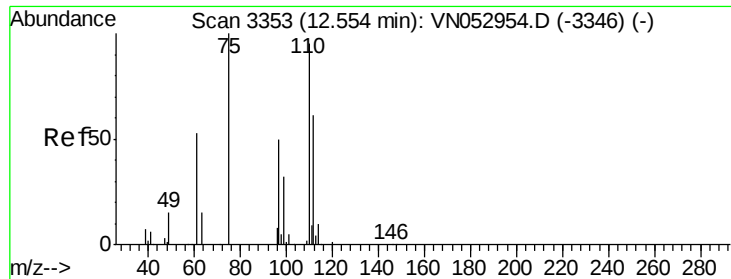
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 37.481 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

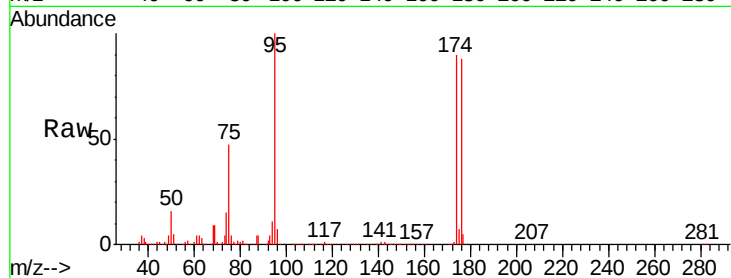
PURGE-WATER

Tgt Ion: 75 Resp: 318479

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

200000

150000

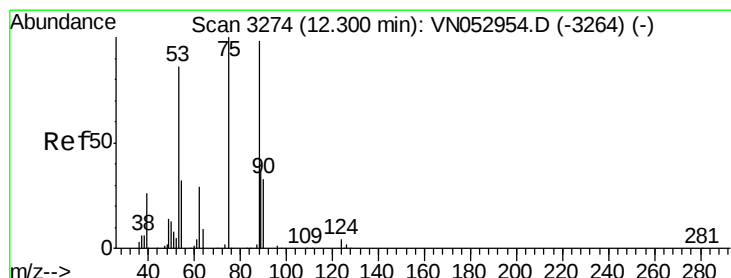
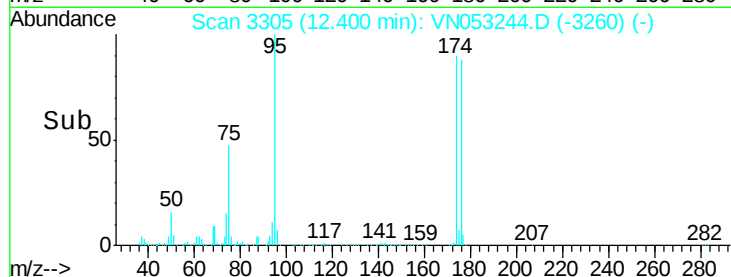
100000

50000

0

12.35 12.40 12.45 12.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 120.805 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

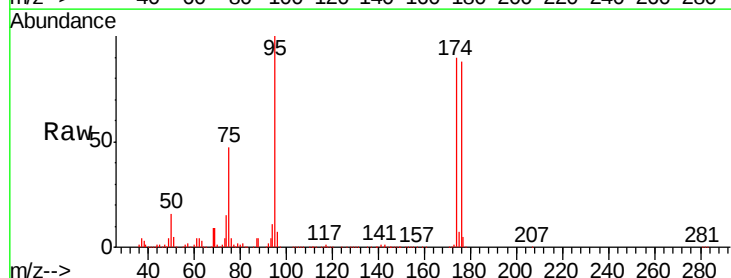
Tgt Ion: 75 Resp: 318479

Ion Ratio Lower Upper

75 100

53 0.0 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

250000

200000

150000

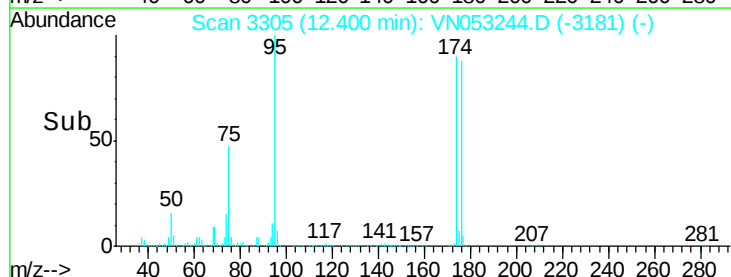
100000

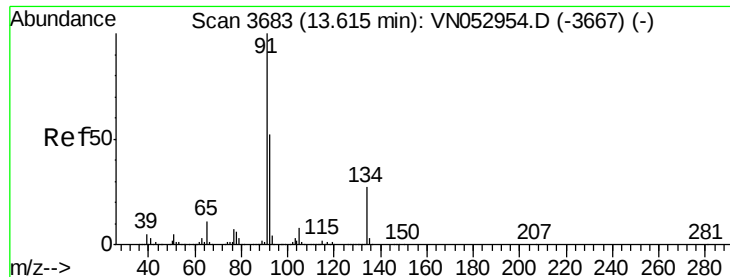
50000

0

12.35 12.40 12.45 12.50

Time-->

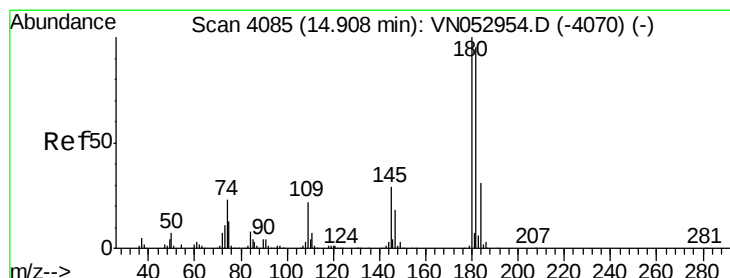
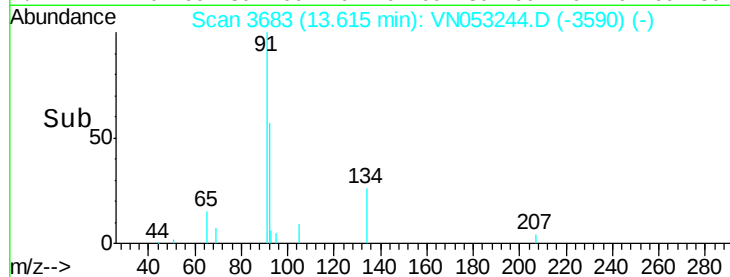
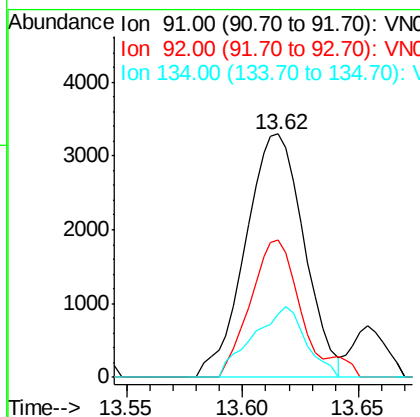
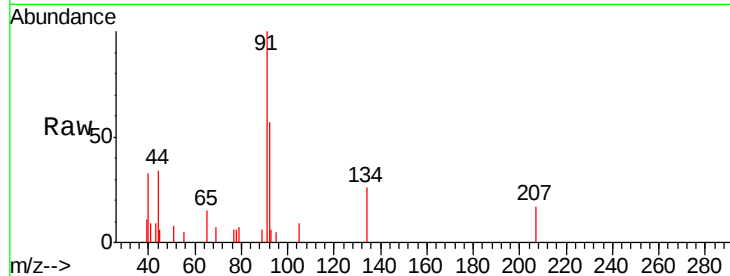




#89
n-Butylbenzene
Concen: 0.202 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

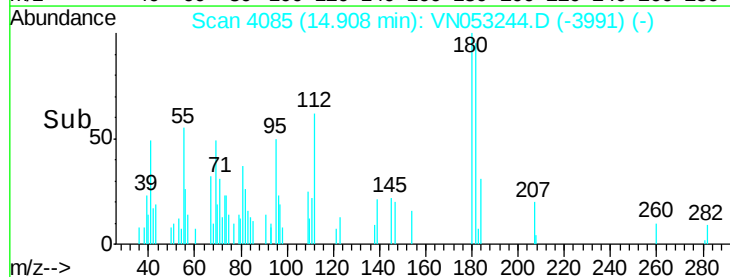
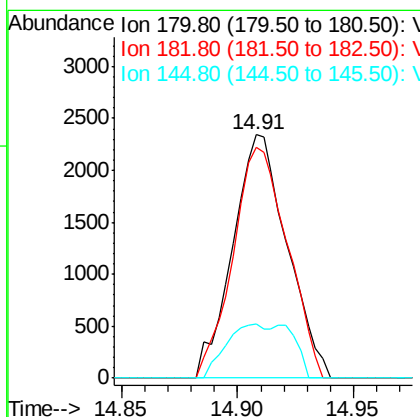
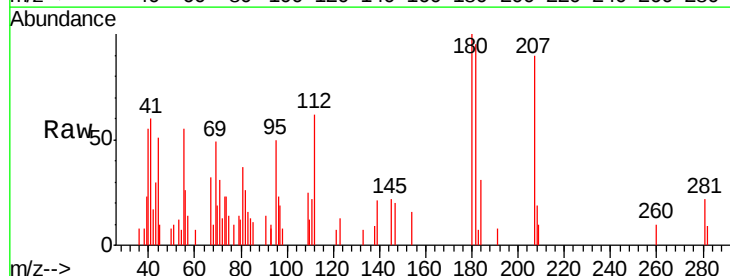
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER

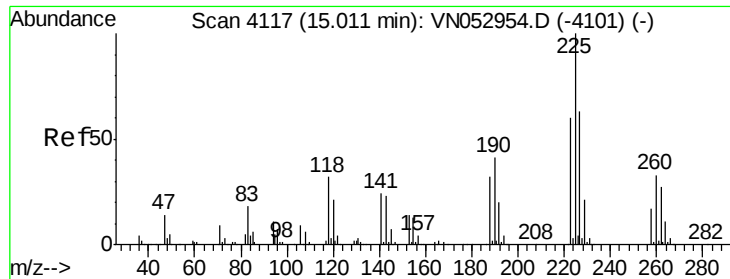
Tgt Ion: 91 Resp: 5778
Ion Ratio Lower Upper
91 100
92 49.3 26.3 78.9
134 26.1 13.3 39.8



#93
1,2,4-Trichlorobenzene
Concen: 1.011 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053244.D
Acq: 2 Jan 2019 14:58

Tgt Ion: 180 Resp: 3805
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 18.1 14.2 42.6





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

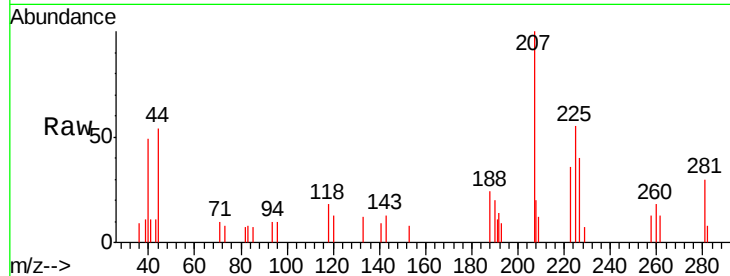
Instrument :

MSVOA_N

ClientSampleId :

PURGE-WATER

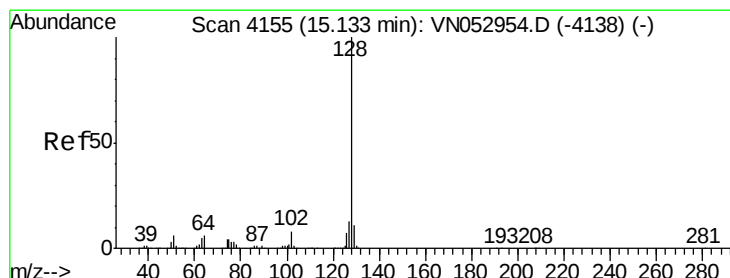
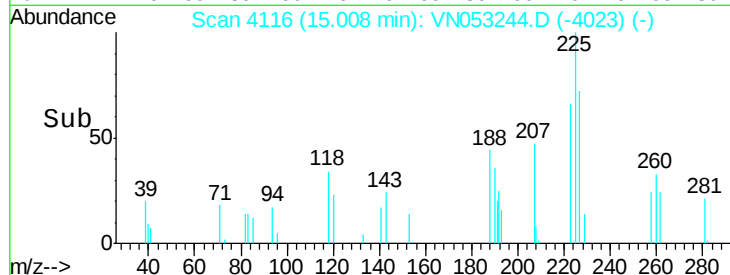
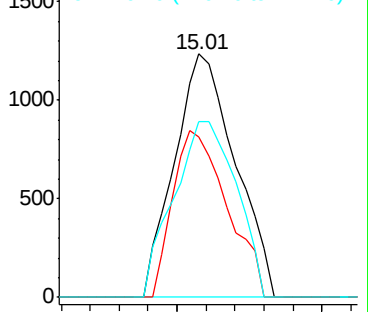
Tgt Ion:	225	Resp:	1801
Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.5	94.5
227	74.6	31.9	95.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.793 ug/l

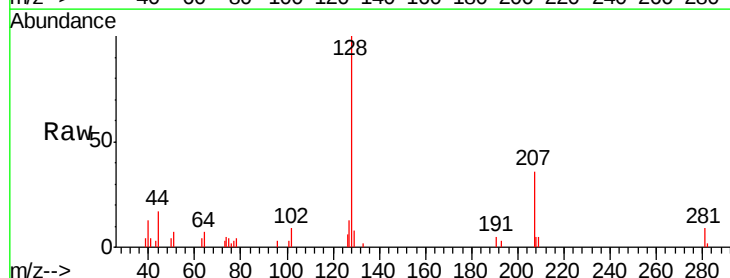
RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053244.D

Acq: 2 Jan 2019 14:58

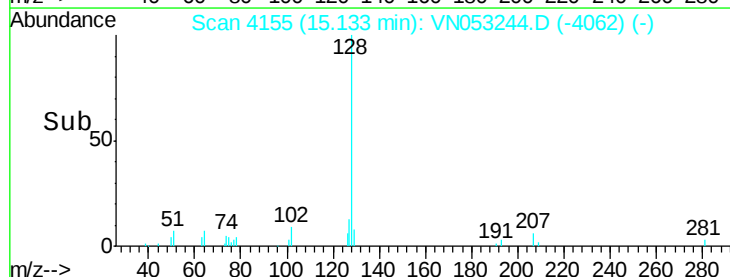
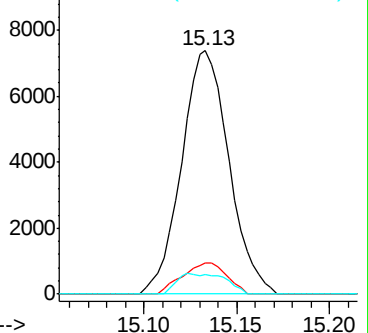
Tgt Ion:	128	Resp:	13129
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.4
129	8.7	8.6	13.0

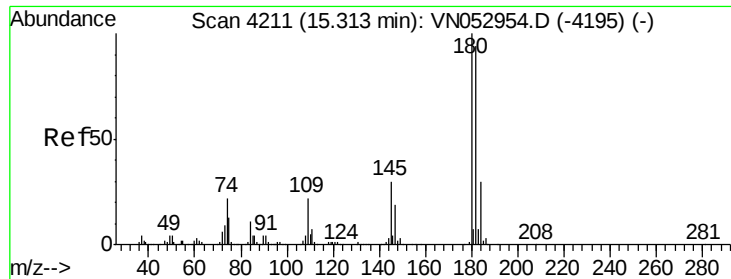


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

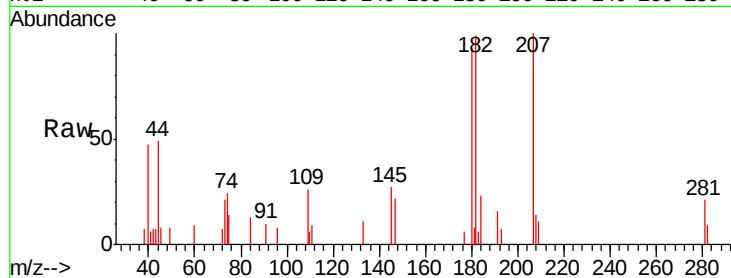




#96
 1,2,3-Trichlorobenzene
 Concen: 1.034 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053244.D
 Acq: 2 Jan 2019 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PURGE-WATER

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.7
145	32.0	15.0	45.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

