

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055329.D
 Acq On : 1 May 2019 15:09
 Operator : JC/SP
 Sample : K2630-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 025-OUTFALL(BACK-YARD)

Quant Time: May 02 01:52:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	361457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	615113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	562643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	247616	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	7.59	113	203495	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.09	98	765389	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.40	95	232109	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

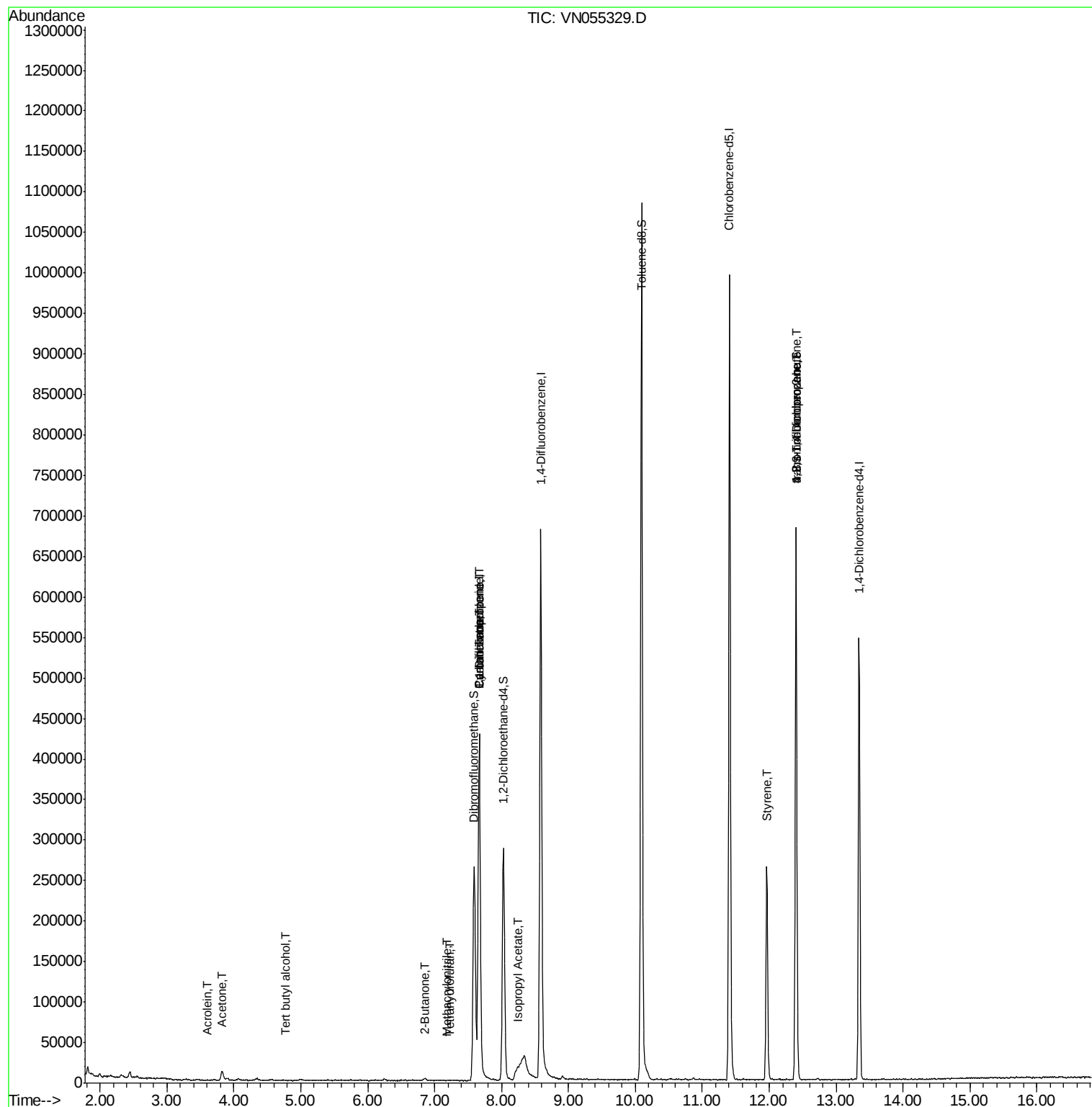
						Qvalue
11) Tert butyl alcohol	4.77	59	64	0.236	ug/l #	73
13) Acrolein	3.60	56	63	0.298	ug/l #	14
16) Acetone	3.82	43	19218	13.043	ug/l	100
18) Methyl Acetate	4.33	43	1598	Below Cal	#	71
25) 2-Butanone	6.85	43	5096	2.704	ug/l	98
29) Tetrahydrofuran	7.22	42	249	0.206	ug/l #	40
31) Cyclohexane	7.67	56	7960	1.070	ug/l #	15
36) 1,1-Dichloropropene	7.67	75	28971	4.917	ug/l #	49
38) Carbon Tetrachloride	7.67	117	35245	6.201	ug/l #	16
41) Methacrylonitrile	7.18	41	29	0.752	ug/l #	1
43) Isopropyl Acetate	8.24	43	14936	2.058	ug/l #	56
70) Styrene	11.96	104	134922	12.504	ug/l	89
73) Isopropylbenzene	11.97	105	9189	Below Cal	#	49
75) 1,1,2,2-Tetrachloroethane	12.41	83	66	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	122618	44.402	ug/l #	100
79) 2-Chlorotoluene	12.60	91	222	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	122618	157.397	ug/l #	7

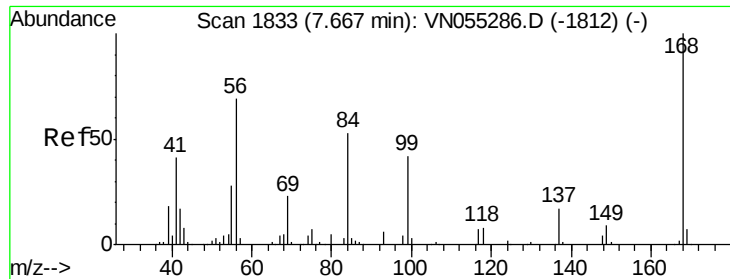
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050119\
Data File : VN055329.D
Acq On : 1 May 2019 15:09
Operator : JC/SP
Sample : K2630-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
025-OUTFALL(BACK-YARD)

Quant Time: May 02 01:52:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
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: VN055329.D

Acq: 1 May 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

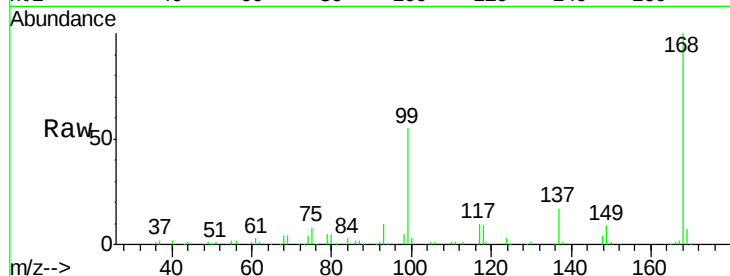
025-OUTFALL(BACK-YARD)

Tot Ion:168 Resp: 361457

Ion Ratio Lower Upper

168 100

99 55.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

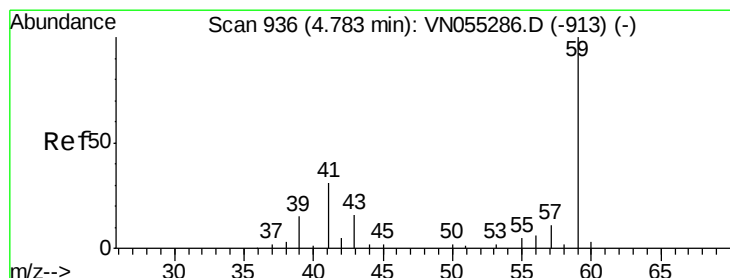
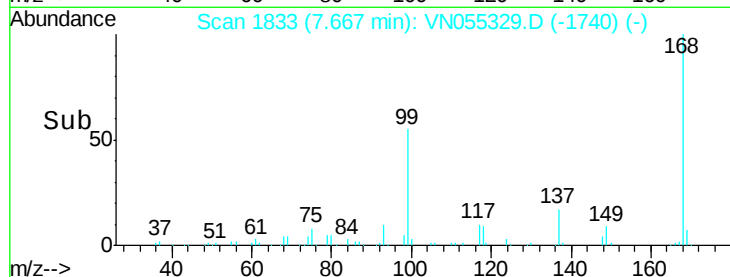
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.236 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN055329.D

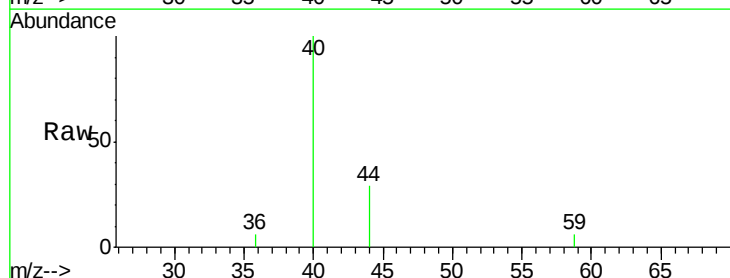
Acq: 1 May 2019 15:09

Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.77

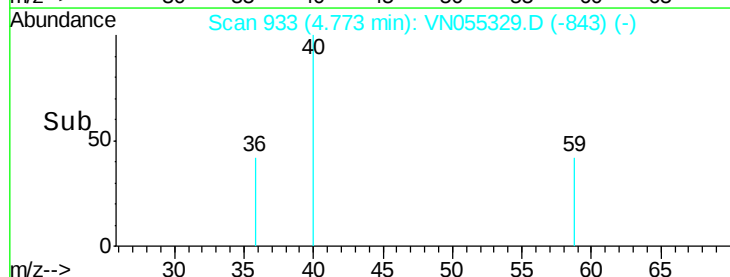
150

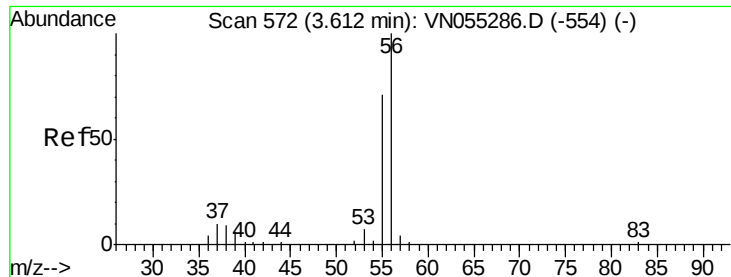
100

50

0

Time-->





#13

Acrolein

Concen: 0.298 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN055329.D

Acq: 1 May 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

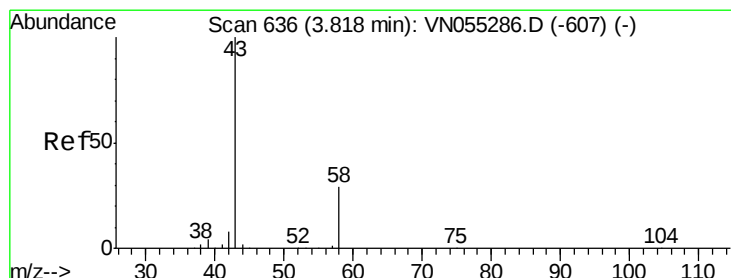
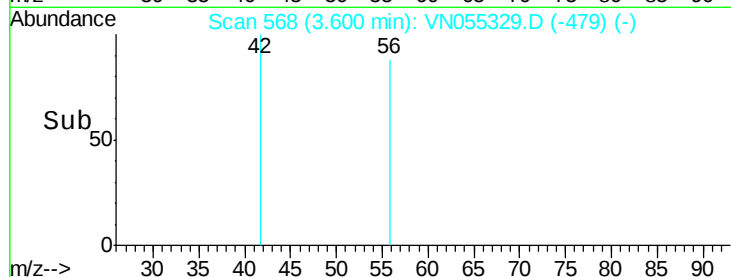
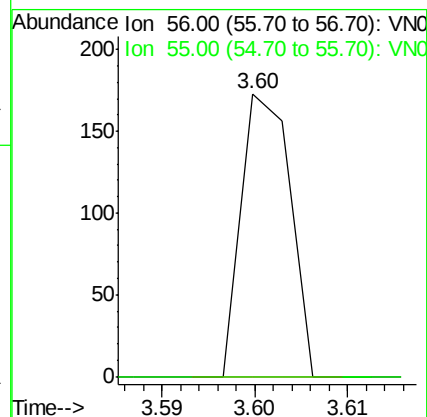
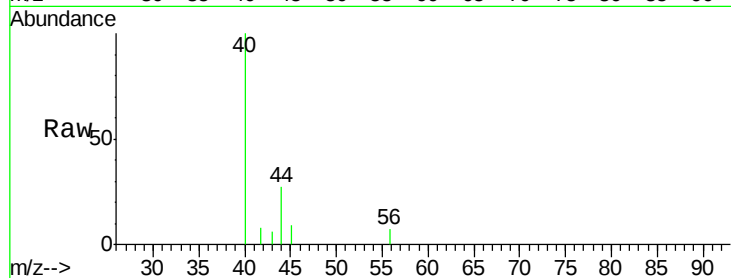
025-OUTFALL(BACK-YARD)

Tot Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



#16

Acetone

Concen: 13.043 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055329.D

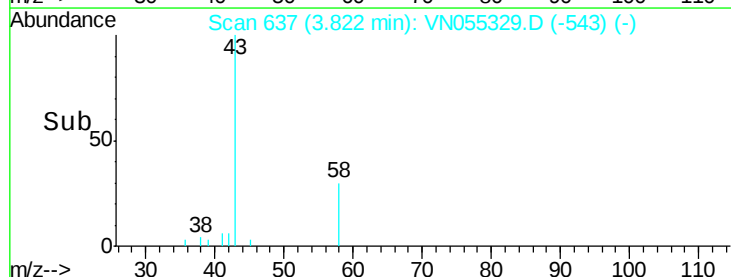
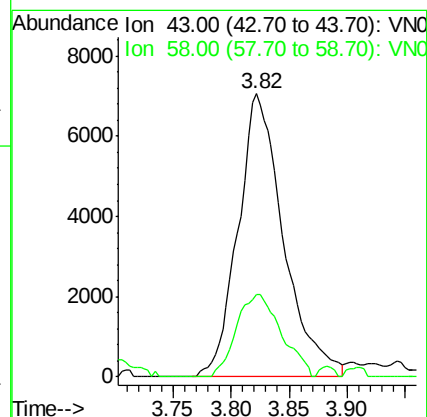
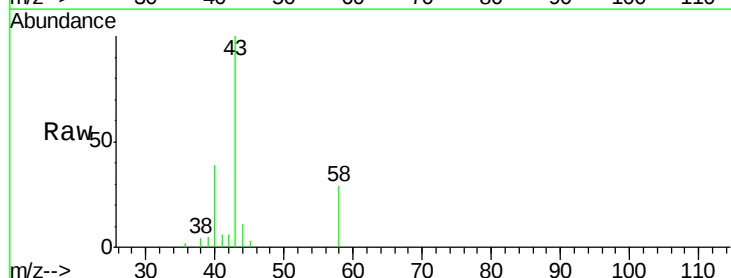
Acq: 1 May 2019 15:09

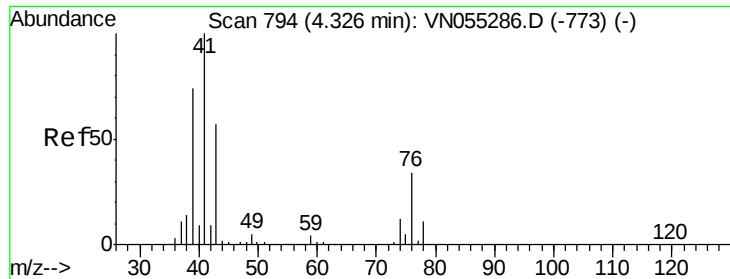
Tgt Ion: 43 Resp: 19218

Ion Ratio Lower Upper

43 100

58 29.3 23.6 35.4

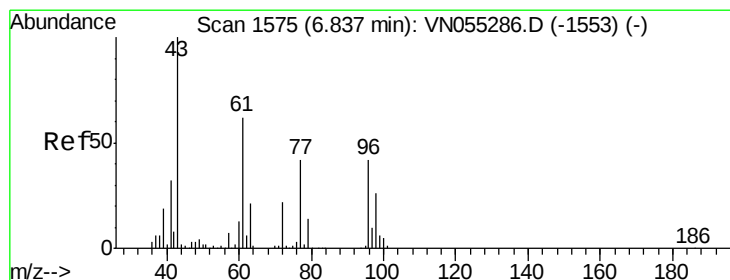
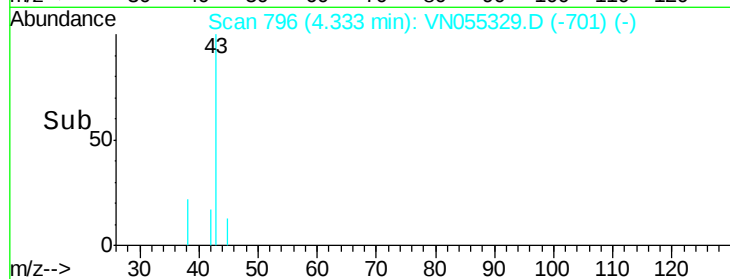
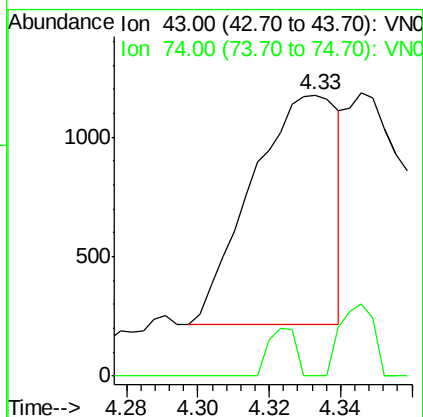
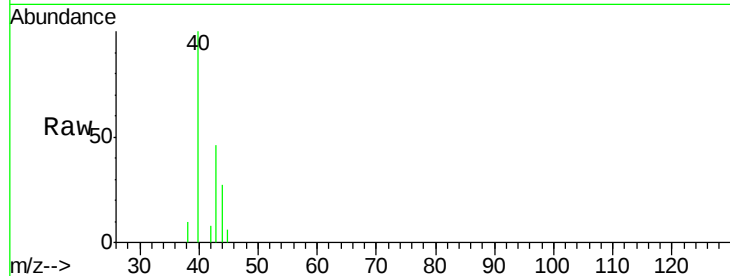




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN055329.D
Acq: 1 May 2019 15:09

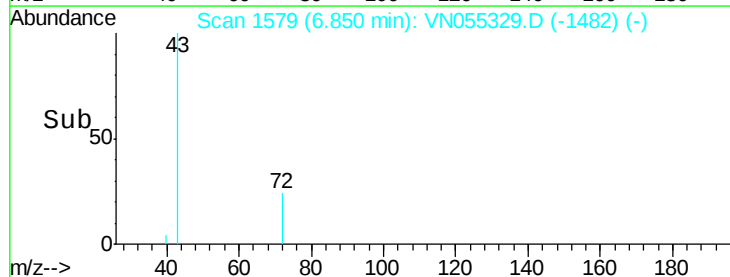
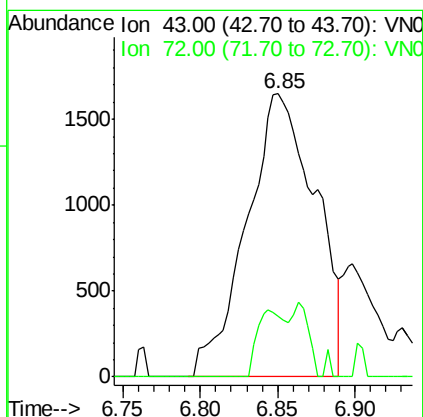
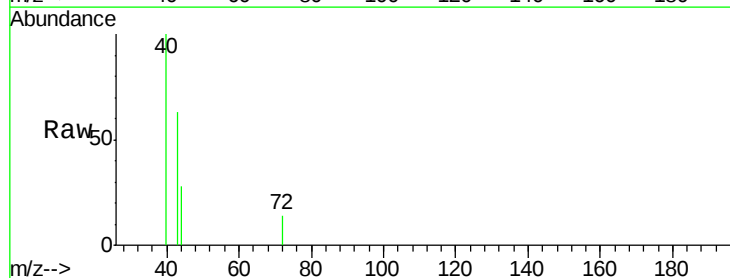
Instrument :
MSVOA_N
ClientSampleId :
025-OUTFALL(BACK-YARD)

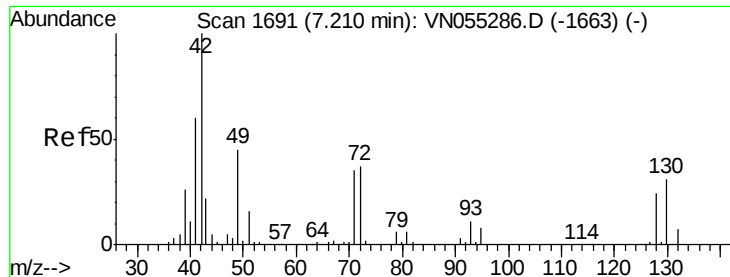
Tot Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
74 6.6 15.8 23.8#



#25
2-Butanone
Concen: 2.704 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN055329.D
Acq: 1 May 2019 15:09

Tgt Ion: 43 Resp: 5096
Ion Ratio Lower Upper
43 100
72 21.7 18.0 27.0

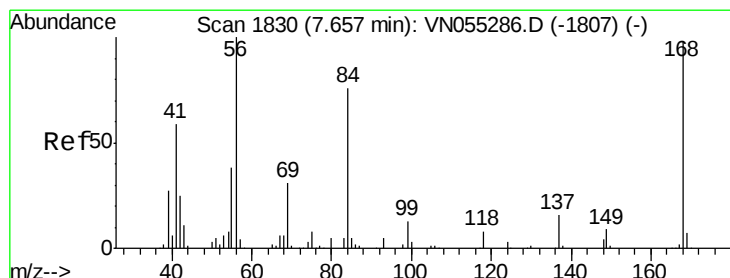
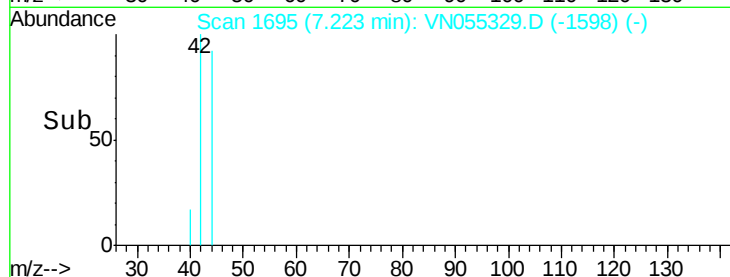
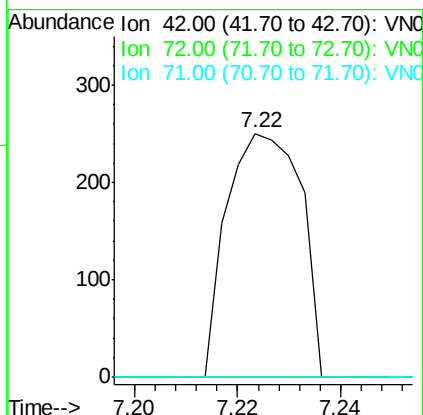
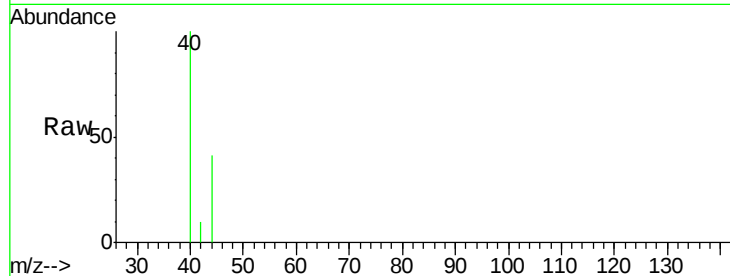




#29
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055329.D
Acq: 1 May 2019 15:09

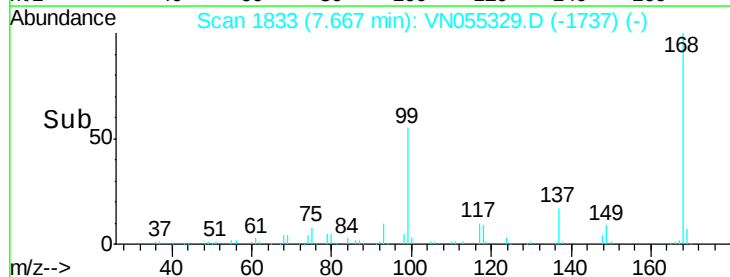
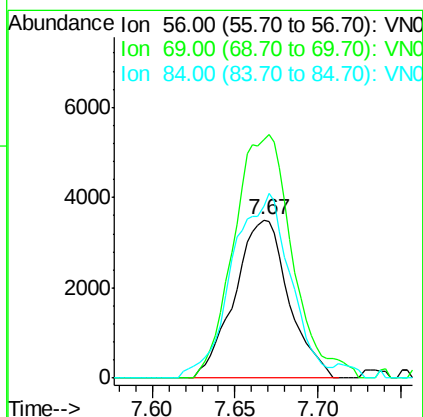
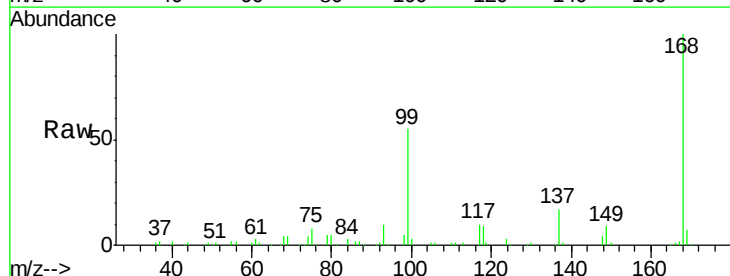
Instrument :
MSVOA_N
ClientSampleId :
025-OUTFALL(BACK-YARD)

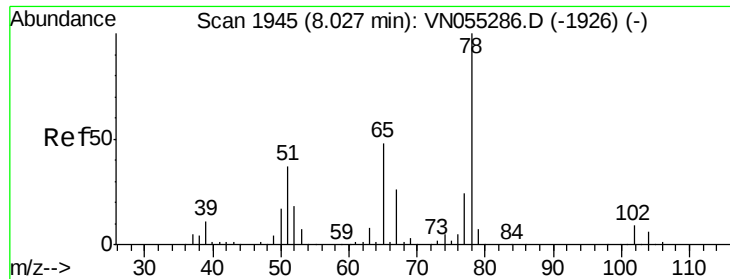
Tot Ion: 42 Resp: 249
Ion Ratio Lower Upper
42 100
72 0.0 29.0 43.6#
71 0.0 27.1 40.7#



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055329.D
Acq: 1 May 2019 15:09

Tgt Ion: 56 Resp: 7960
Ion Ratio Lower Upper
56 100
69 150.8 25.2 37.8#
84 103.1 61.1 91.7#

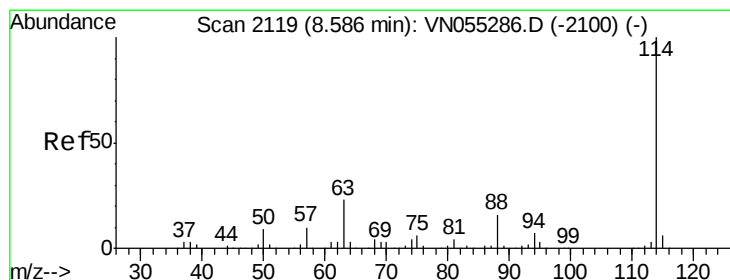
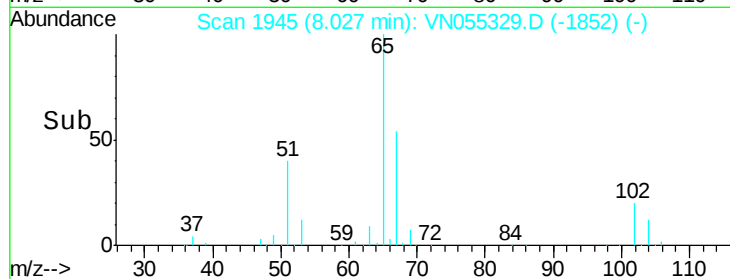
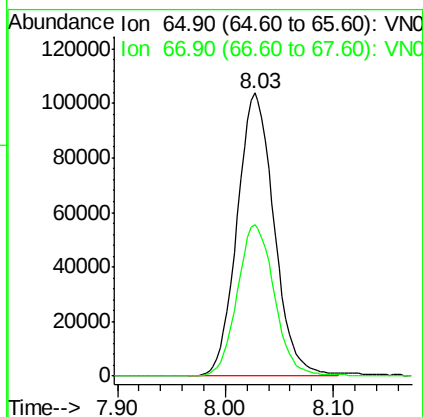
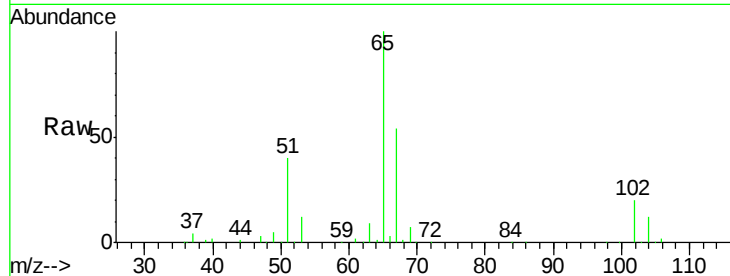




#33
 1,2-Dichloroethane-d4
 Concen: 52.365 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055329.D
 Acq: 1 May 2019 15:09

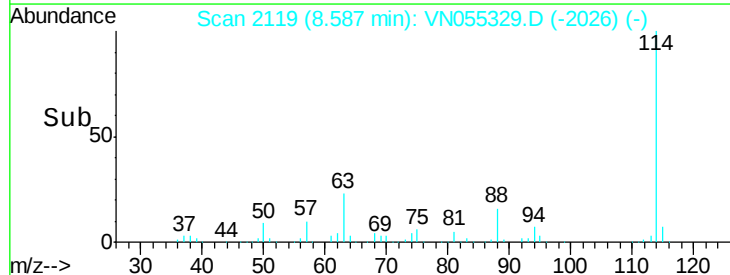
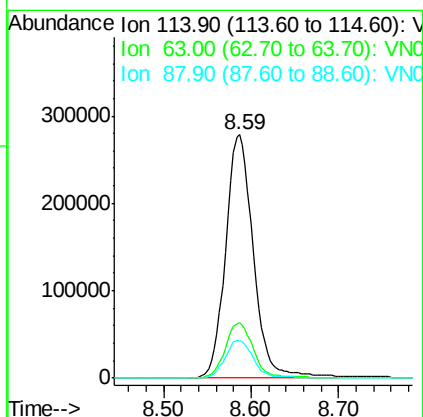
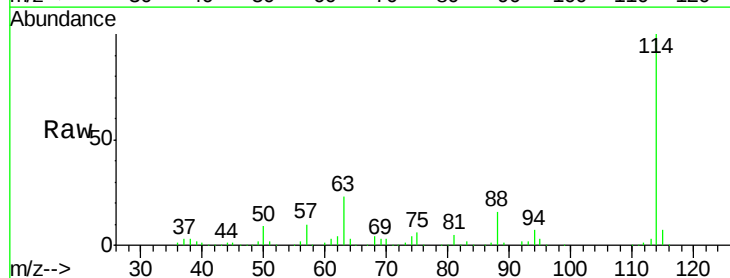
Instrument :
 MSVOA_N
 ClientSampleId :
 025-OUTFALL(BACK-YARD)

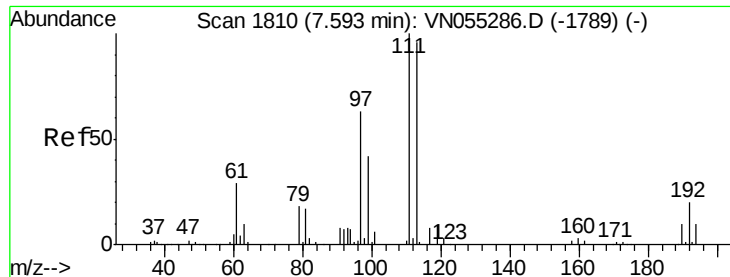
Tot Ion: 65 Resp: 247616
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055329.D
 Acq: 1 May 2019 15:09

Tgt Ion: 114 Resp: 615113
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 15.7 0.0 31.6

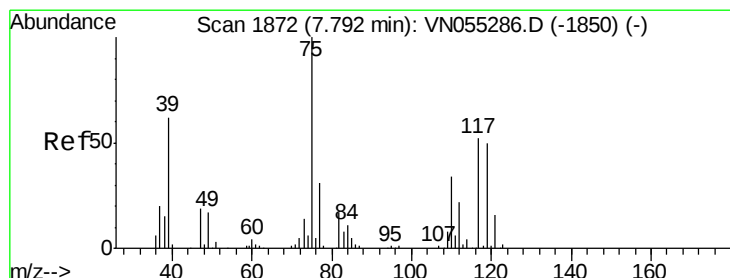
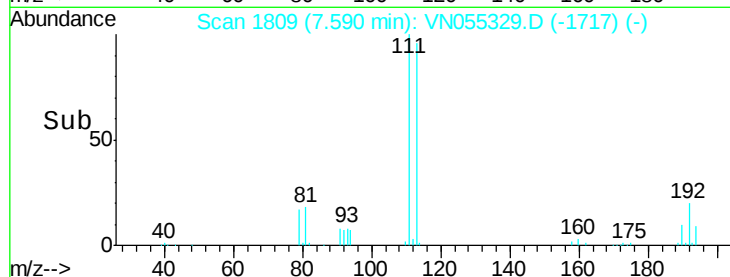
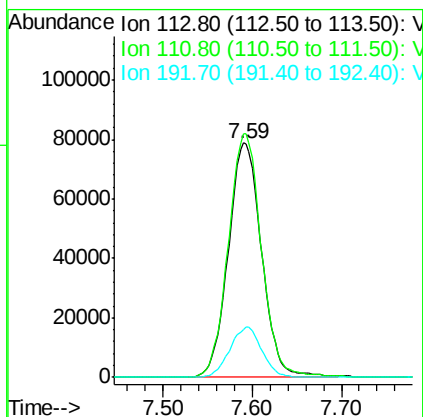
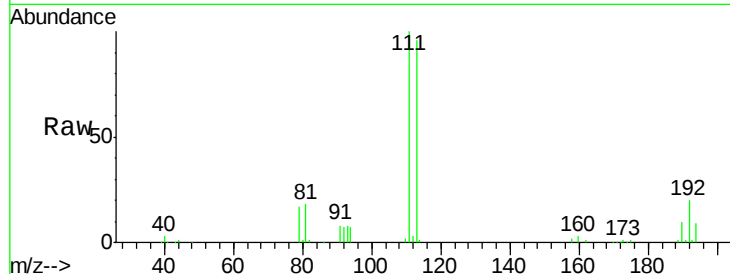




#35
 Dibromofluoromethane
 Concen: 50.403 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055329.D
 Acq: 1 May 2019 15:09

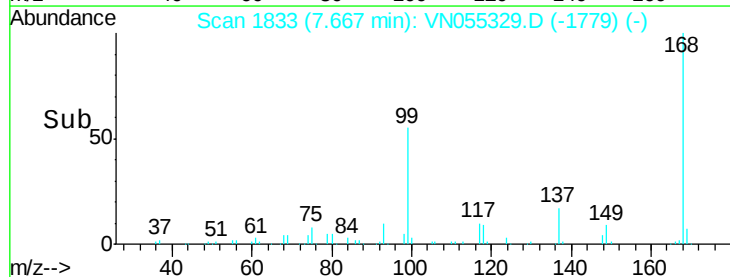
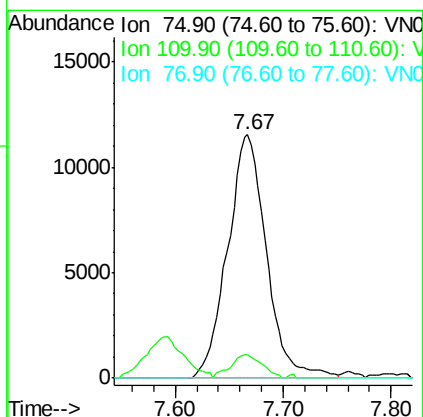
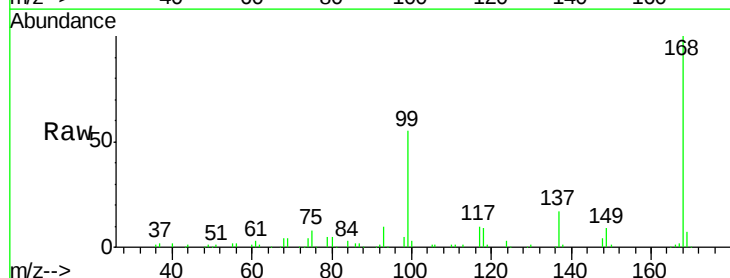
Instrument :
 MSVOA_N
 ClientSampleId :
 025-OUTFALL(BACK-YARD)

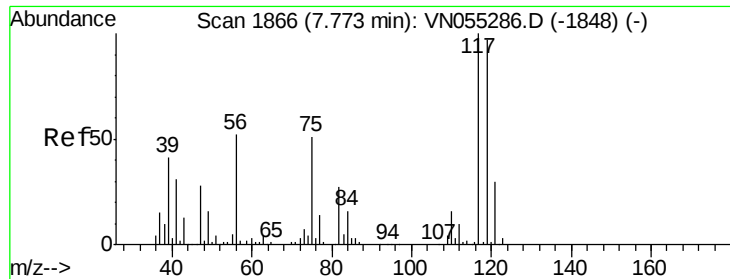
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.3	123.5
192	20.7	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.917 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055329.D
 Acq: 1 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.8	50.4#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.201 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055329.D

Acq: 1 May 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

025-OUTFALL(BACK-YARD)

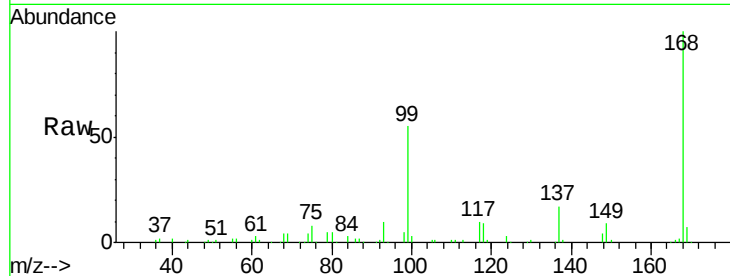
Tot Ion:117 Resp: 35245

Ion Ratio Lower Upper

117 100

119 4.9 77.0 115.6#

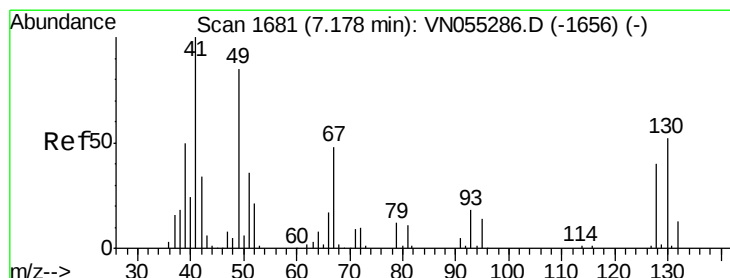
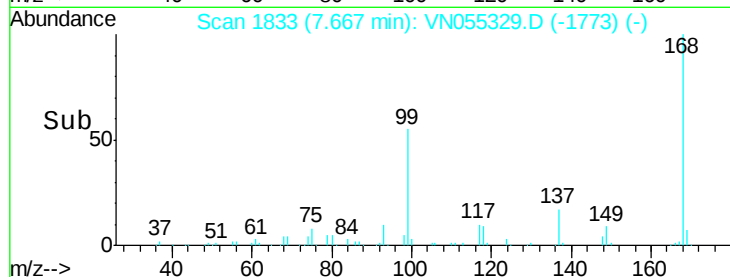
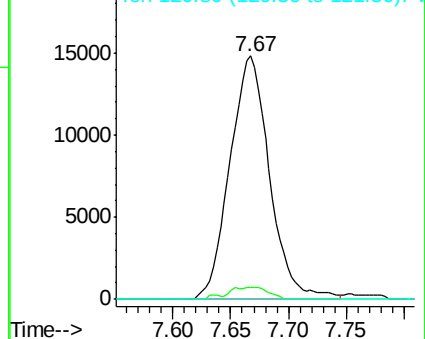
121 0.0 23.8 35.8#



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



#41

Methacrylonitrile

Concen: 0.752 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN055329.D

Acq: 1 May 2019 15:09

Tgt Ion: 41 Resp: 29

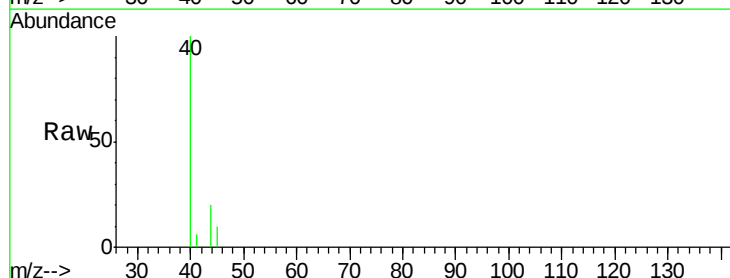
Ion Ratio Lower Upper

41 100

39 569.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

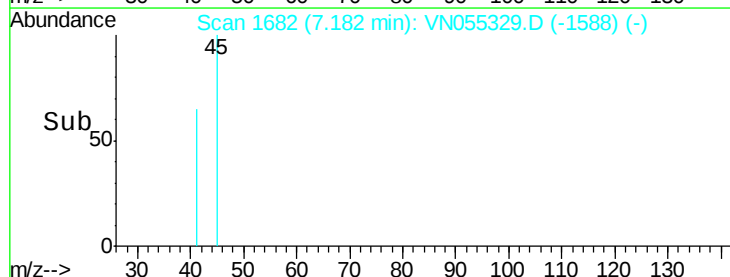
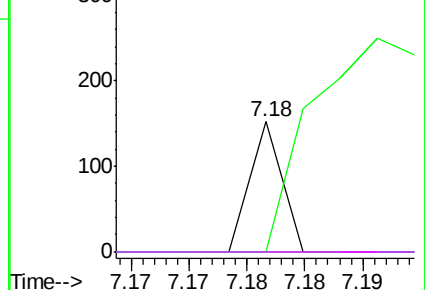


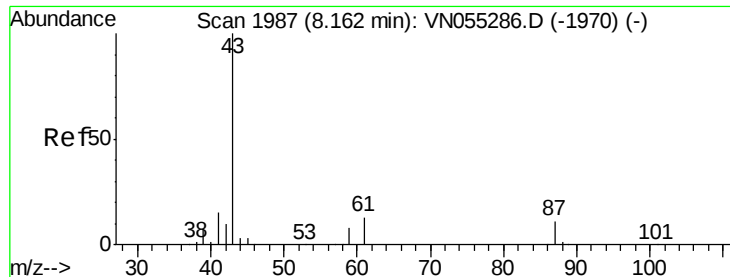
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 2.058 ug/l

RT: 8.24 min Scan# 2011

Delta R.T. 0.08 min

Lab File: VN055329.D

Acq: 1 May 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

025-OUTFALL(BACK-YARD)

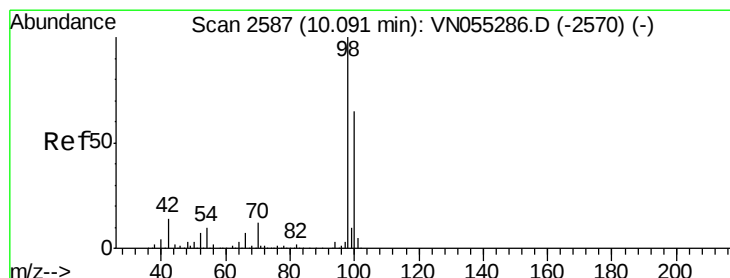
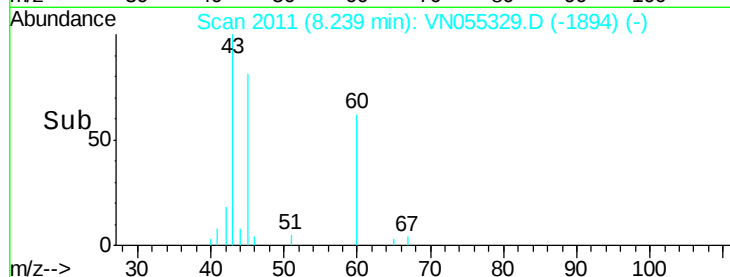
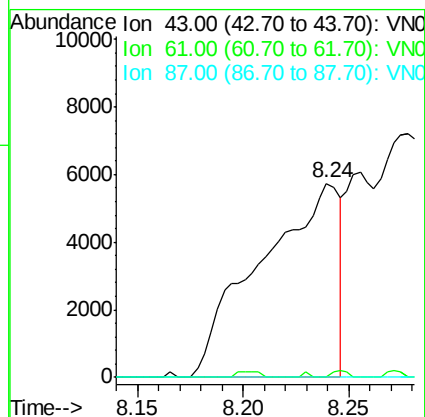
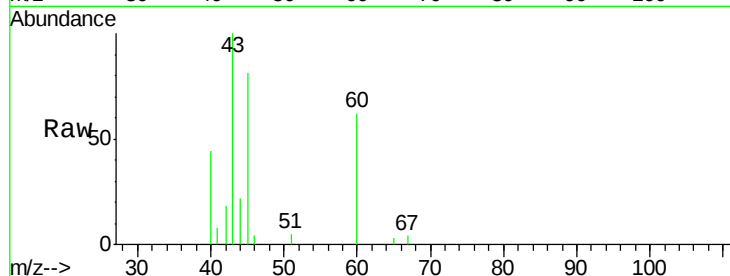
Tot Ion: 43 Resp: 14936

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 8.5 12.7#



#50

Toluene-d8

Concen: 52.501 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055329.D

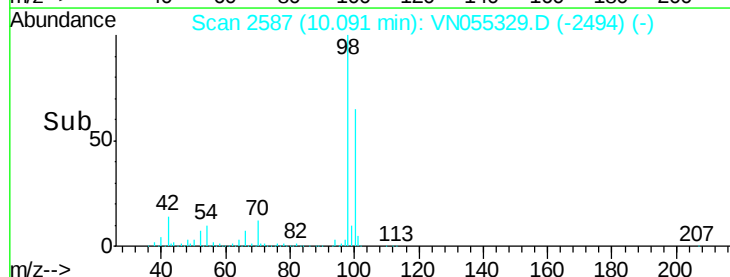
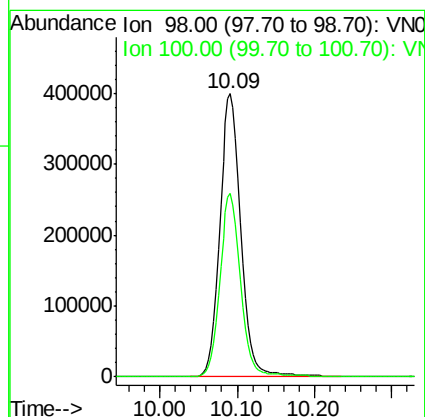
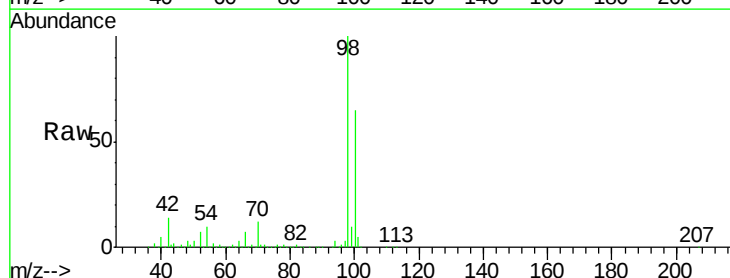
Acq: 1 May 2019 15:09

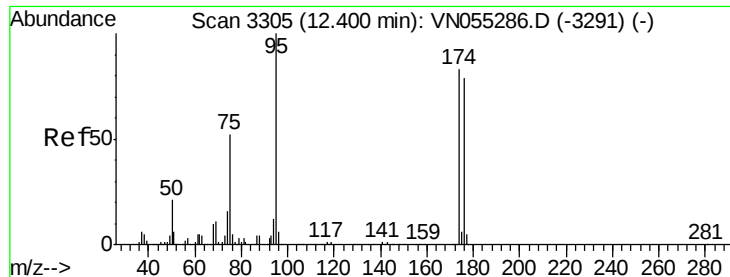
Tgt Ion: 98 Resp: 765389

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 50.942 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055329.D

Acq: 1 May 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

025-OUTFALL(BACK-YARD)

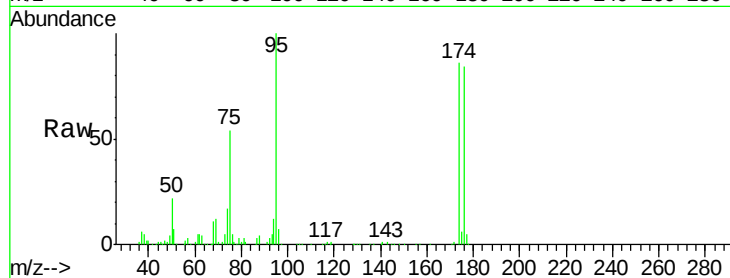
Tot Ion: 95 Resp: 232109

Ion Ratio Lower Upper

95 100

174 84.3 0.0 166.6

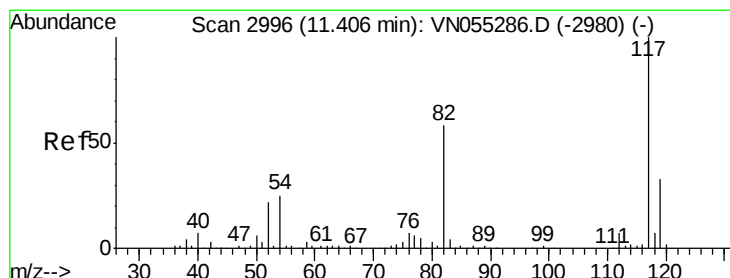
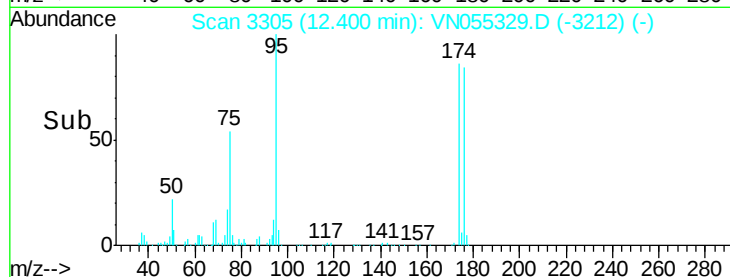
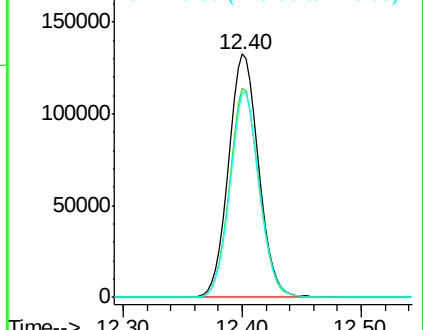
176 82.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055329.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055329.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055329.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055329.D

Acq: 1 May 2019 15:09

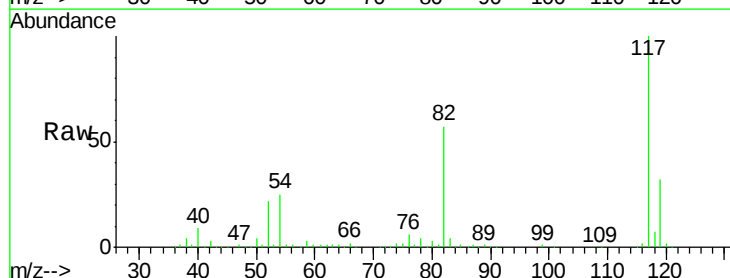
Tgt Ion: 117 Resp: 562643

Ion Ratio Lower Upper

117 100

82 56.7 46.2 69.4

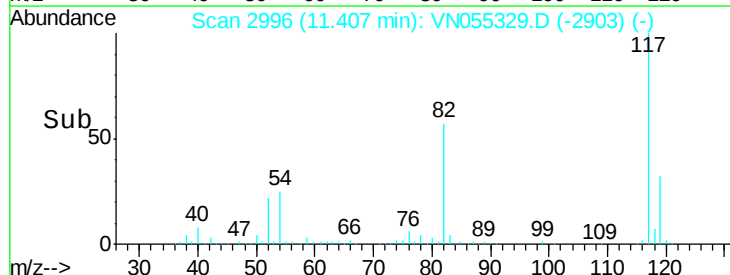
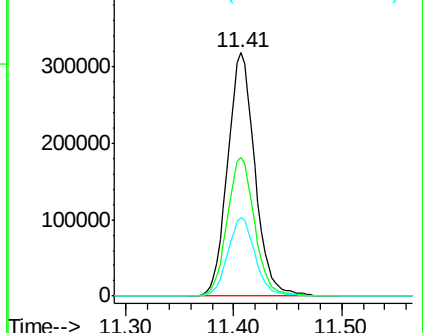
119 32.1 26.6 40.0

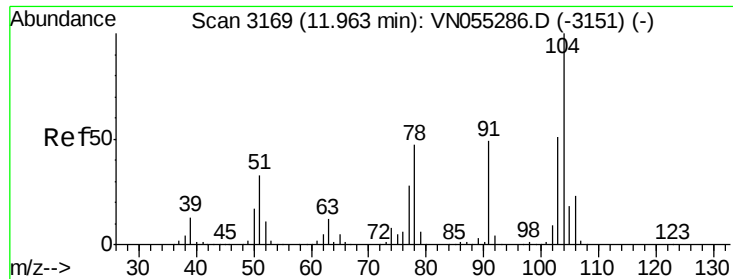


Abundance Ion 116.90 (116.60 to 117.60): VN055329.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055329.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055329.D (-2903) (-)

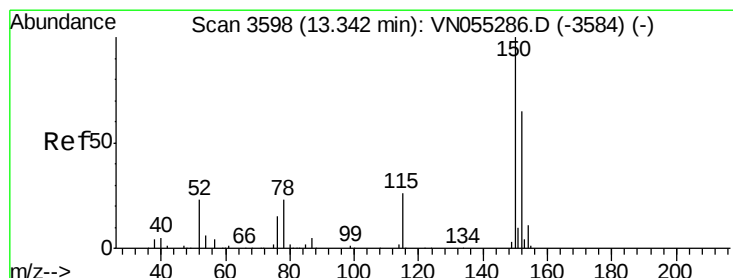
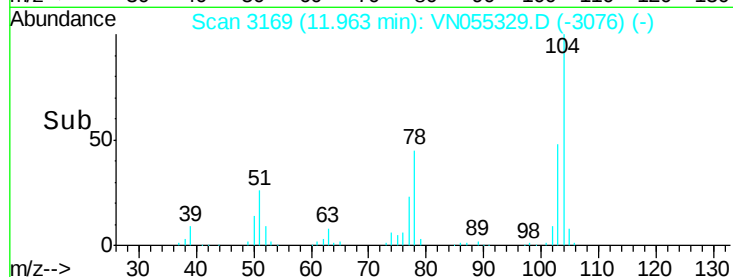
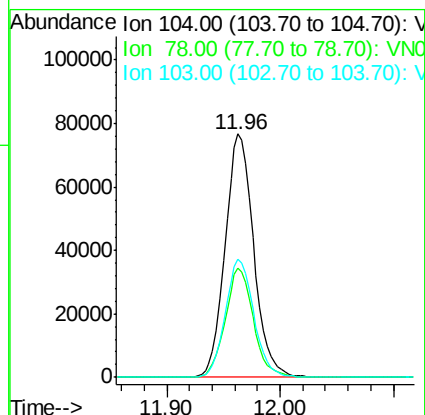
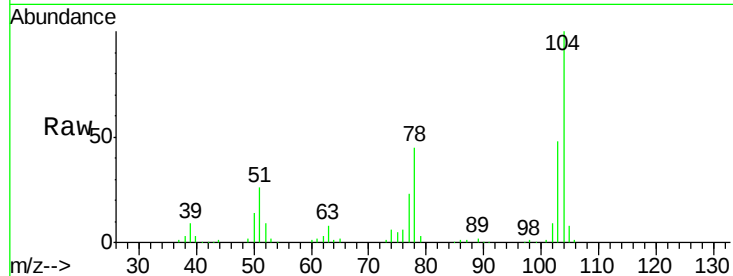




#70
Stvrene
Concen: 12.504 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055329.D
Acq: 1 May 2019 15:09

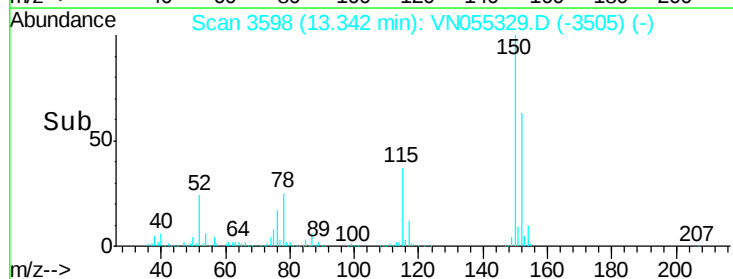
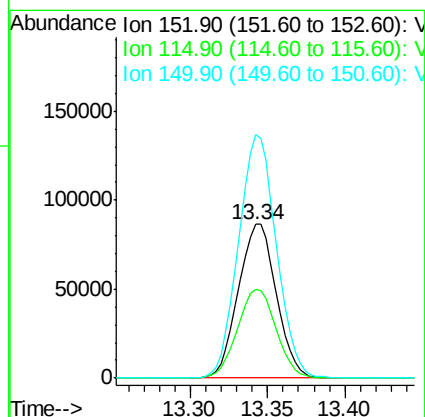
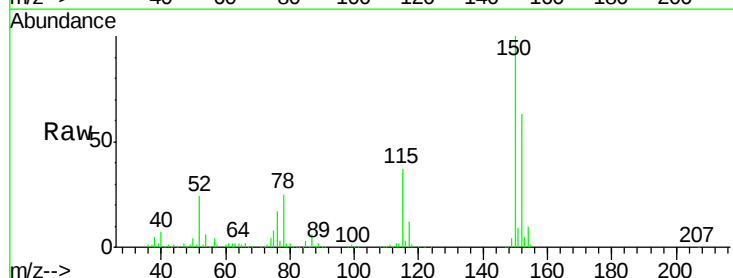
Instrument :
MSVOA_N
ClientSampleId :
025-OUTFALL(BACK-YARD)

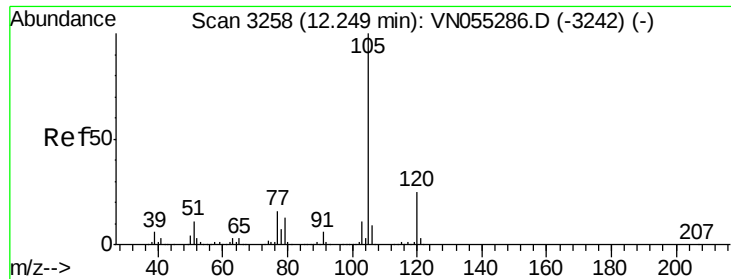
Tot Ion:104 Resp: 134922
Ion Ratio Lower Upper
104 100
78 44.0 42.2 63.2
103 48.2 44.6 67.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055329.D
Acq: 1 May 2019 15:09

Tgt Ion:152 Resp: 147633
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 157.7 0.0 345.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.97 min Scan# 3170

Delta R.T. -0.28 min

Lab File: VN055329.D

Acq: 1 May 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

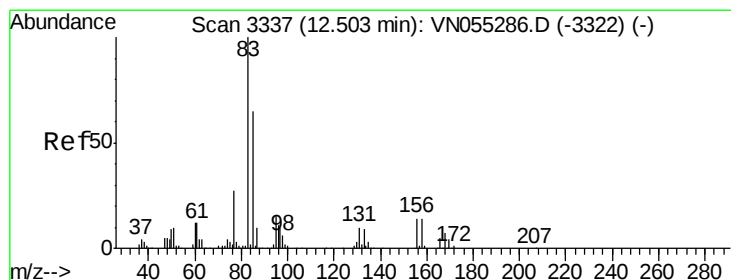
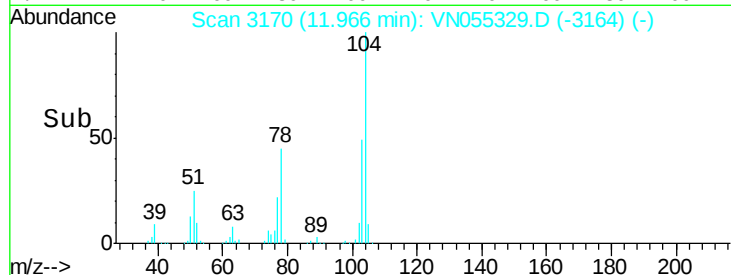
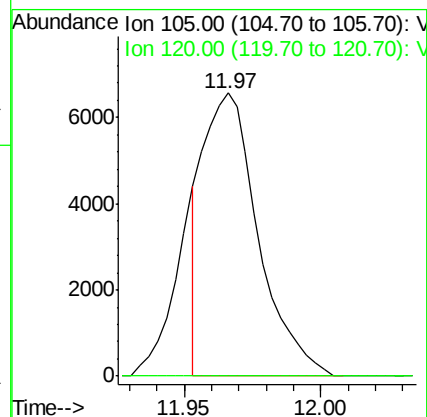
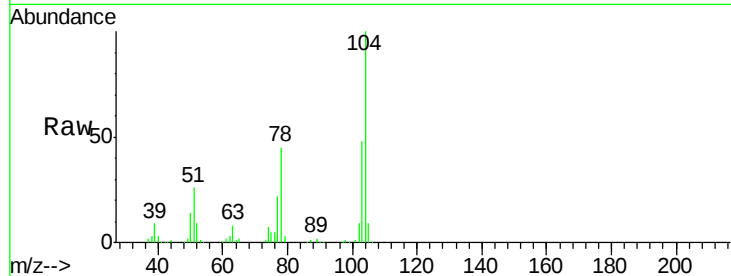
025-OUTFALL(BACK-YARD)

Tot Ion:105 Resp: 9189

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN055329.D

Acq: 1 May 2019 15:09

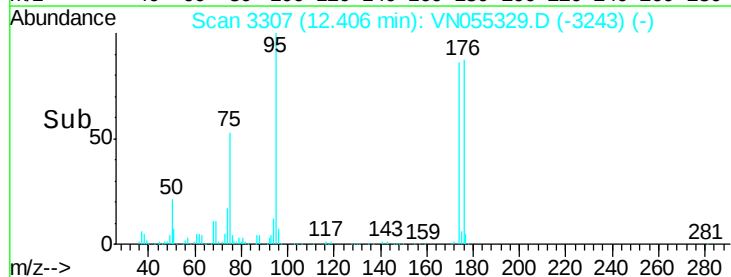
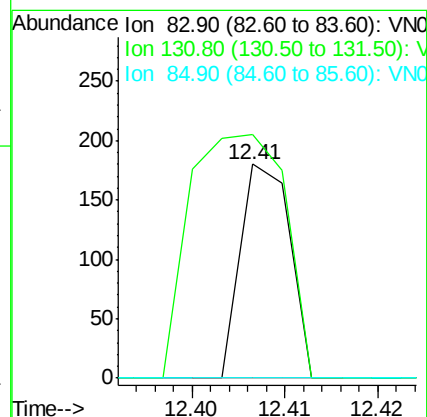
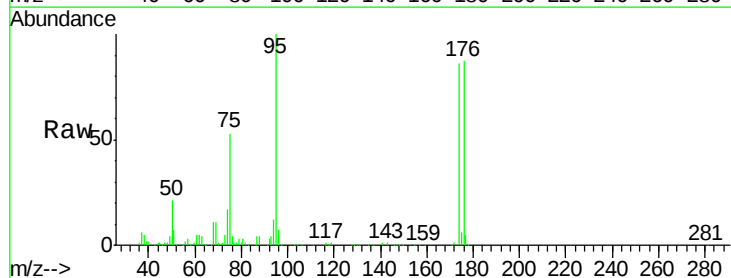
Tgt Ion: 83 Resp: 66

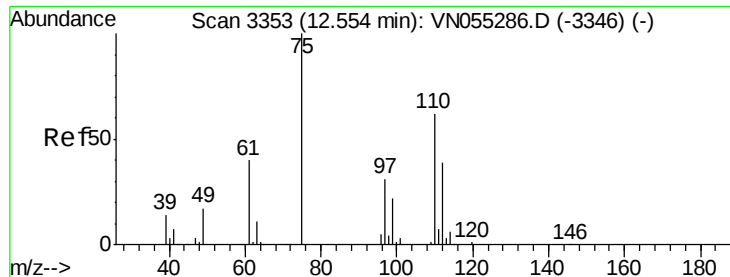
Ion Ratio Lower Upper

83 100

131 221.2 5.1 15.2#

85 0.0 32.3 96.8#

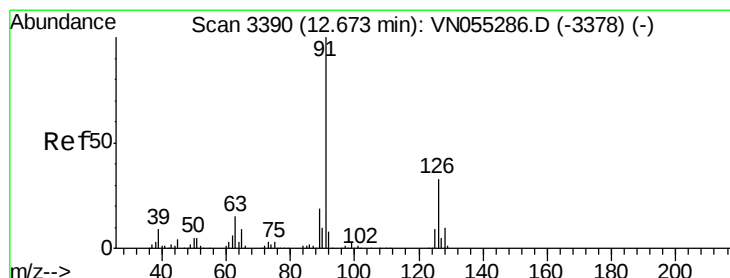
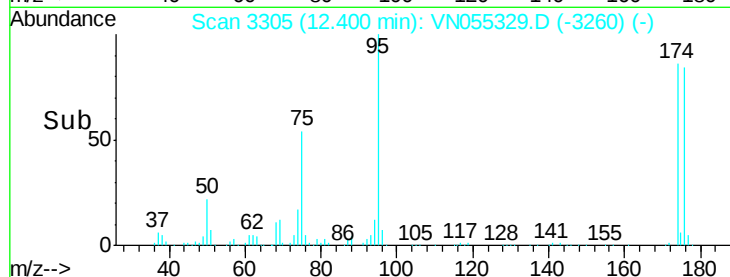
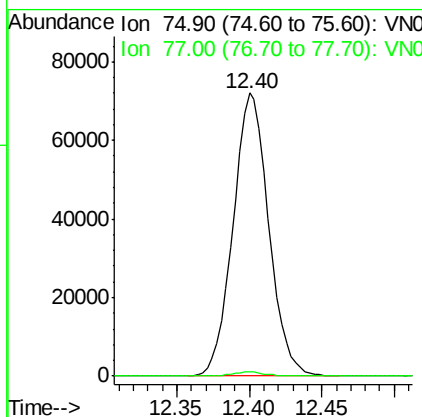
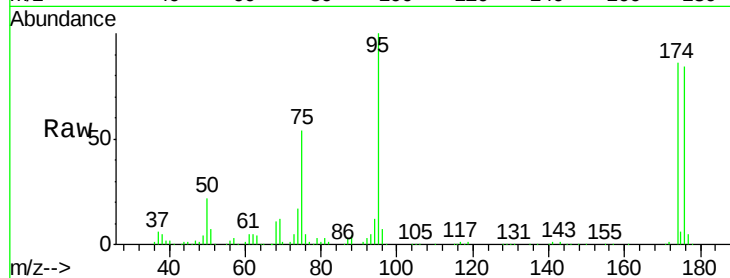




#76
 1,2,3-Trichloropropane
 Concen: 44.402 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN055329.D
 Acq: 1 May 2019 15:09

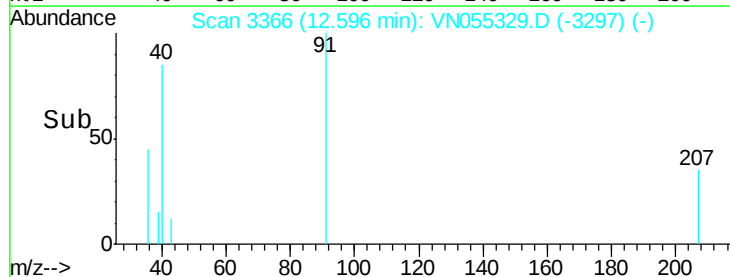
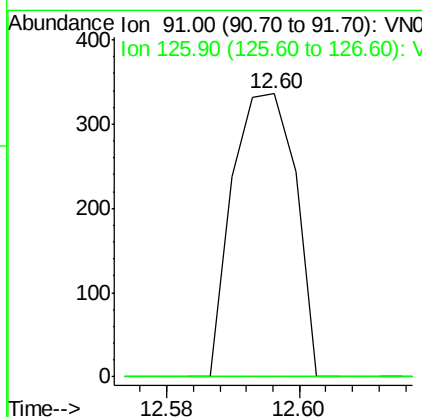
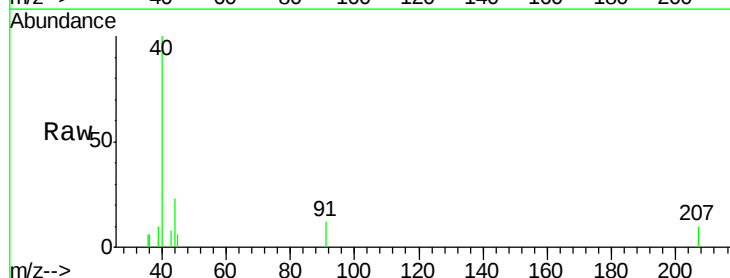
Instrument :
 MSVOA_N
 ClientSampleId :
 025-OUTFALL(BACK-YARD)

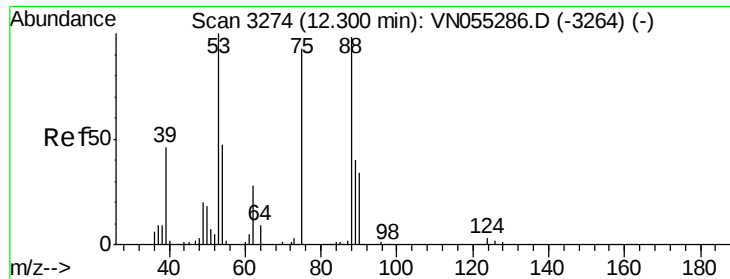
Tot Ion: 75 Resp: 122618
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.60 min Scan# 3366
 Delta R.T. -0.08 min
 Lab File: VN055329.D
 Acq: 1 May 2019 15:09

Tgt Ion: 91 Resp: 222
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 157.397 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055329.D

Acq: 1 May 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

025-OUTFALL(BACK-YARD)

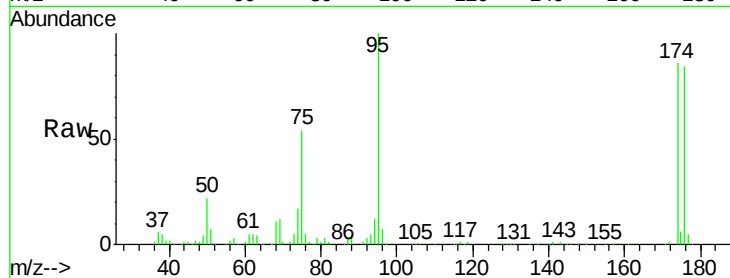
Tot Ion: 75 Resp: 122618

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

