

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051097.D
 Acq On : 10 Sep 2018 23:57
 Operator : MD\SY
 Sample : J4829-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-PADS

Quant Time: Sep 11 04:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	970715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	838851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	290422	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	368982	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.59	113	368534	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.09	98	1332021	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.40	95	370058	40.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.84%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2717	Below Cal		97
5) Bromomethane	2.57	94	3299	Below Cal		81
10) Methyl Iodide	3.95	142	1513	5.83	ug/l #	67
13) Acrolein	3.60	56	63	24.37	ug/l #	13
16) Acetone	3.82	43	30839	12.24	ug/l	99
17) Carbon Disulfide	4.05	76	6631	0.45	ug/l	98
18) Methyl Acetate	4.34	43	7097	1.26	ug/l #	73
20) Methylene Chloride	4.56	84	28240	3.65	ug/l	98
25) 2-Butanone	6.85	43	7230	2.62	ug/l	95
29) Tetrahydrofuran	7.21	42	851	0.49	ug/l #	52
30) Chloroform	7.38	83	6484	0.51	ug/l	95
31) Cyclohexane	7.66	56	10285	0.67	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40530	3.80	ug/l #	49
37) Ethyl Acetate	6.85	43	7230	1.17	ug/l #	66
38) Carbon Tetrachloride	7.67	117	52506	5.01	ug/l #	17
43) Isopropyl Acetate	8.17	43	113631	10.43	ug/l #	87
48) Methyl methacrylate	9.18	41	7628	1.44	ug/l #	19
51) 4-Methyl-2-Pentanone	9.99	43	5082	0.84	ug/l #	82
56) Ethyl methacrylate	10.43	69	207	2.48	ug/l #	63
58) 2-Chloroethyl Vinyl ether	9.70	63	143	15.26	ug/l #	47
59) 2-Hexanone	10.76	43	4714	1.15	ug/l	85
74) N-amyl acetate	12.03	43	2485	0.41	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.51	83	451	Below Cal	#	54
76) 1,2,3-Trichloropropane	12.40	75	172118	37.87	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	172118	112.55	ug/l #	15
87) 1,3-Dichlorobenzene	13.29	146	2656	0.24	ug/l	84
88) 1,4-Dichlorobenzene	13.29	146	2656	0.27	ug/l	83
89) n-Butylbenzene	13.62	91	3319	0.23	ug/l	92
90) Hexachloroethane	13.89	117	287	Below Cal	#	37
91) 1,2-Dichlorobenzene	13.65	146	2837	0.26	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.26	75	242	0.94	ug/l #	16
93) 1,2,4-Trichlorobenzene	14.91	180	3520	4.60	ug/l	93
94) Hexachlorobutadiene	15.01	225	2142	Below Cal		93
95) Naphthalene	15.13	128	11604	6.29	ug/l	98

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QLast Update : Tue Sep 11 02:27:09 2018
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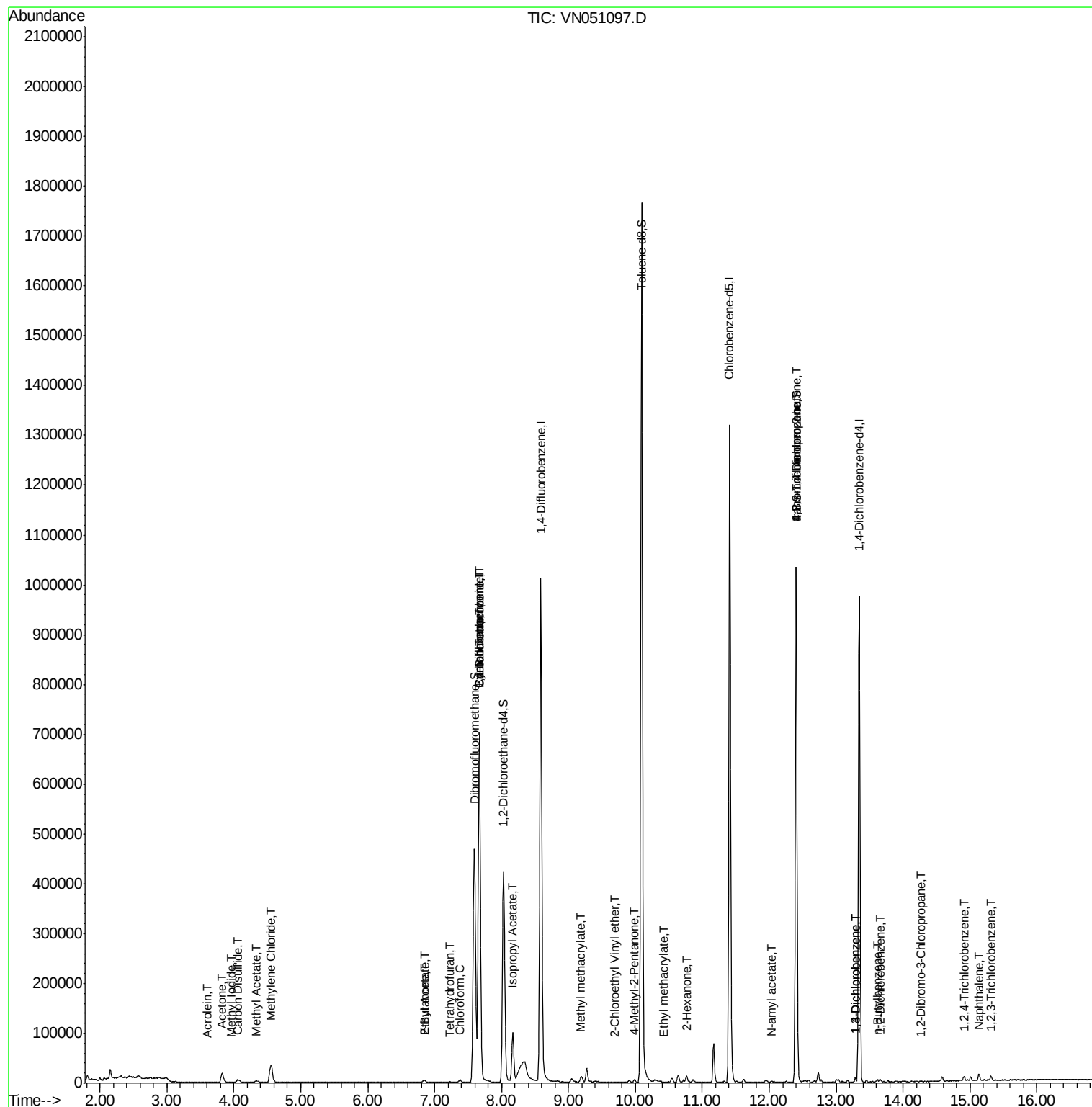
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	4196	3.74	ug/l	93

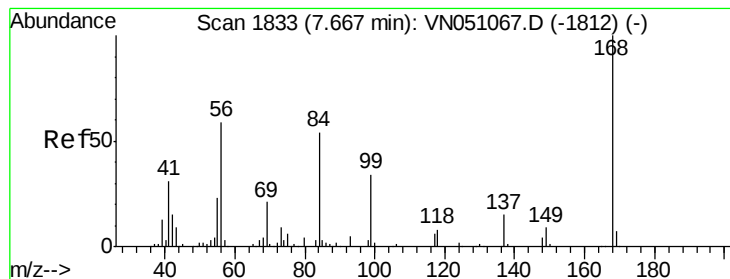
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

Instrument :

MSVOA_N

ClientSampleId :

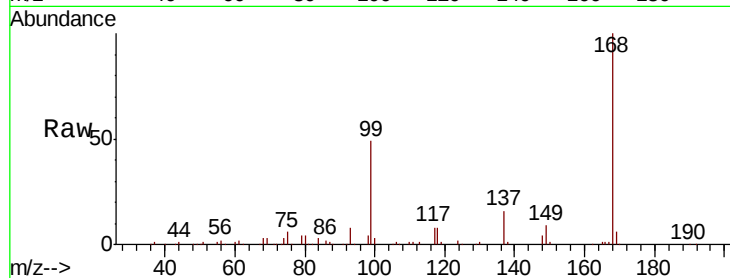
OILY-STONES-PADS

Tot Ion:168 Resp: 629812

Ion Ratio Lower Upper

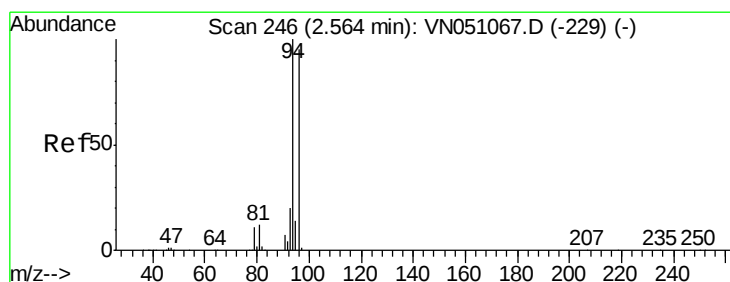
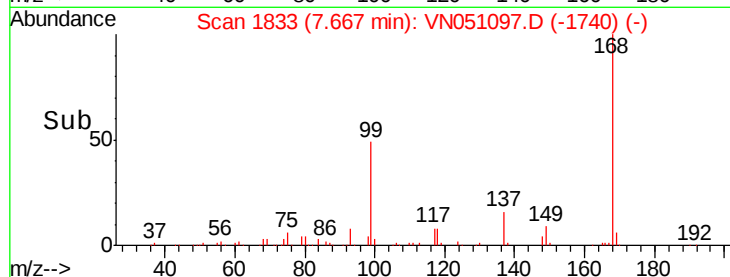
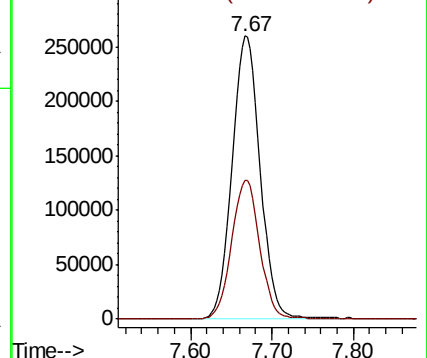
168 100

99 49.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051097.D

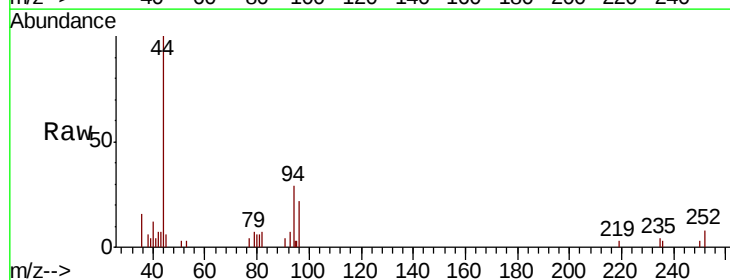
Acq: 10 Sep 2018 23:57

Tgt Ion: 94 Resp: 3299

Ion Ratio Lower Upper

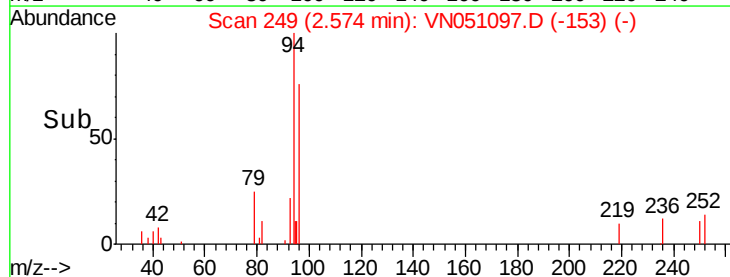
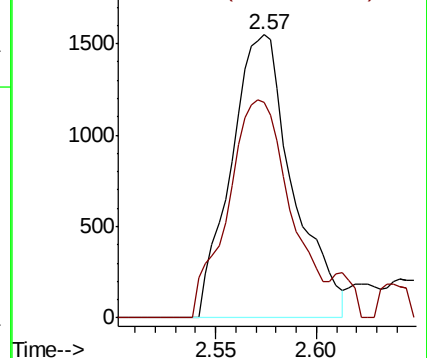
94 100

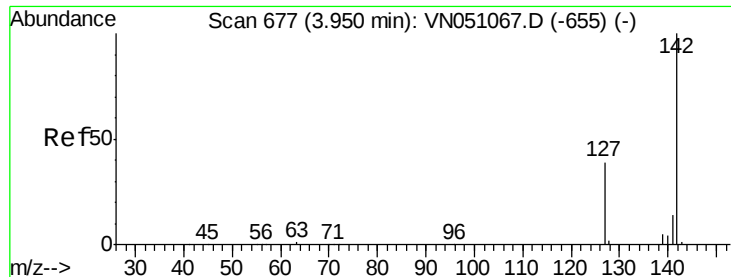
96 76.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

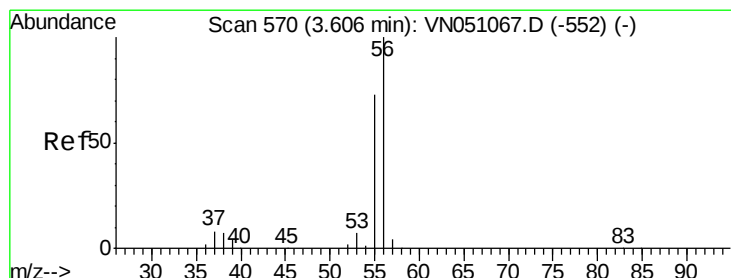
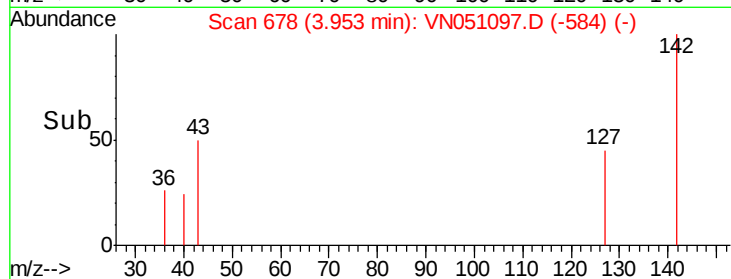
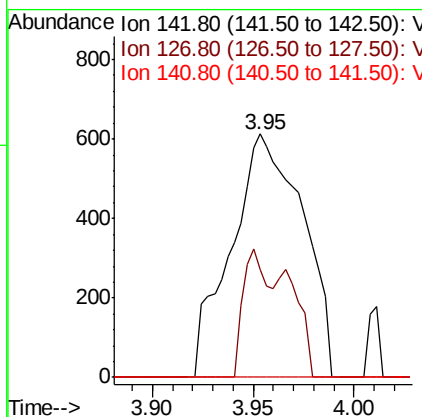
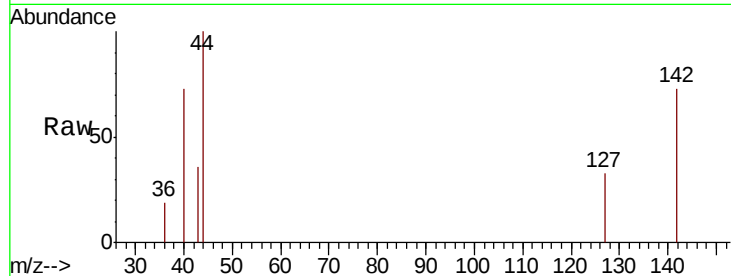




#10
Methvl Iodide
Concen: 5.83 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

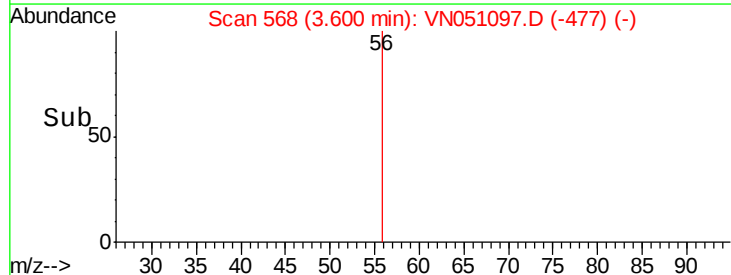
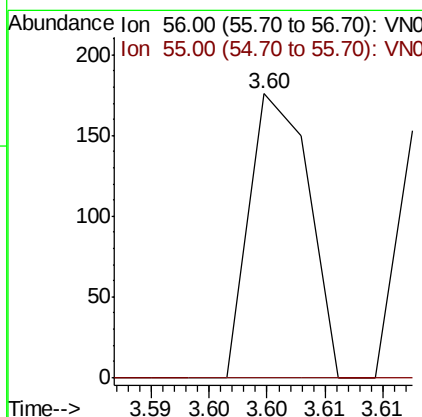
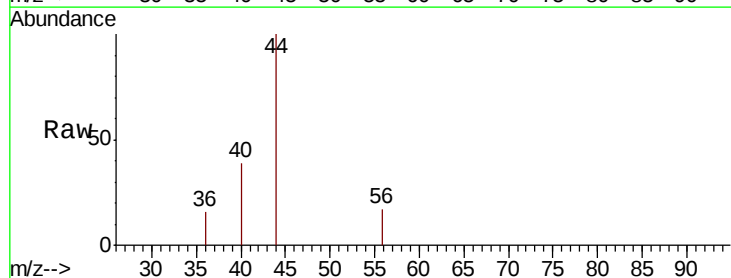
Instrument :
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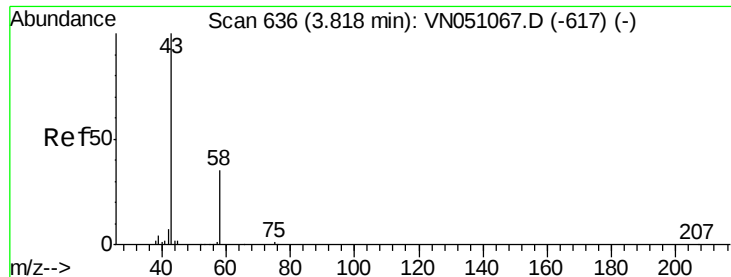
Tot Ion:142 Resp: 1513
Ion Ratio Lower Upper
142 100
127 19.4 31.0 46.4#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 24.37 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 0.0 58.0 87.0#





#16

Acetone

Concen: 12.24 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

Instrument :

MSVOA_N

ClientSampleId :

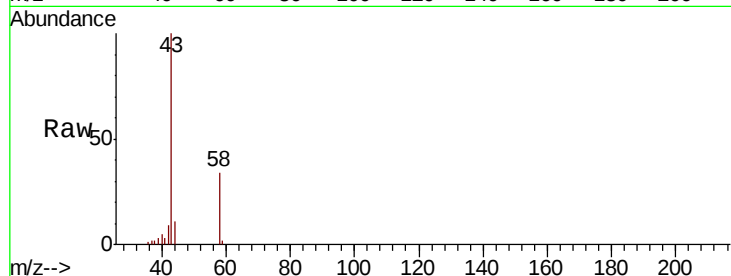
OILY-STONES-PADS

Tot Ion: 43 Resp: 30839

Ion Ratio Lower Upper

43 100

58 34.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)

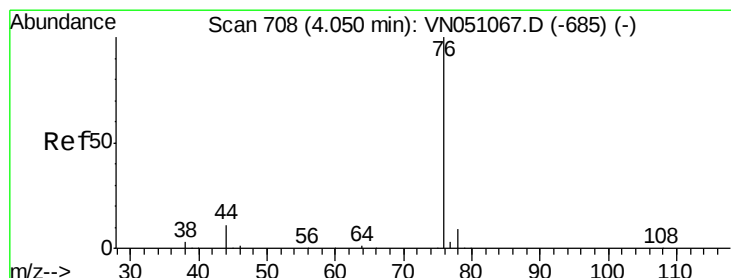
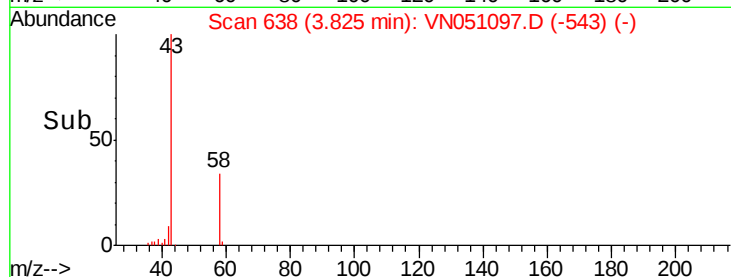
3.82

10000

5000

0

Time-->



#17

Carbon Disulfide

Concen: 0.45 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051097.D

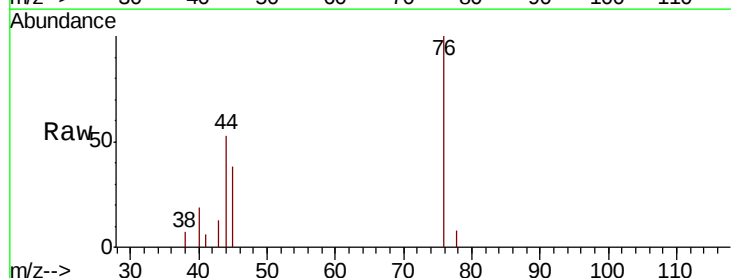
Acq: 10 Sep 2018 23:57

Tgt Ion: 76 Resp: 6631

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-685) (-)

4.05

3000

2500

2000

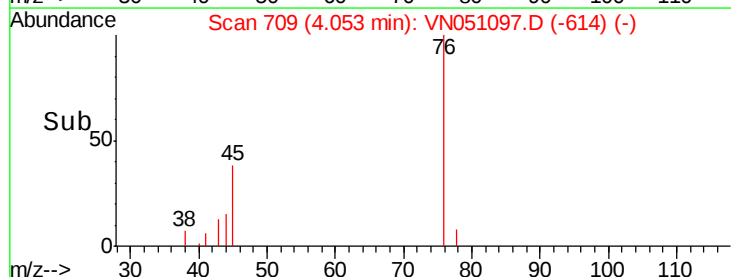
1500

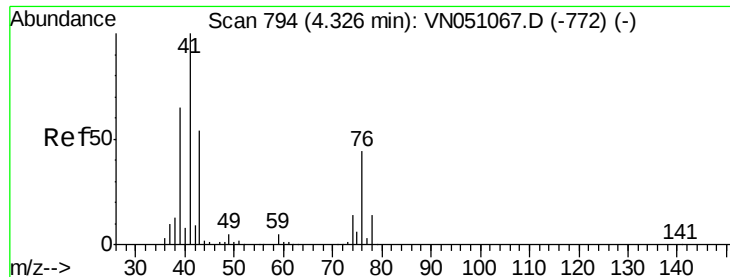
1000

500

0

Time-->

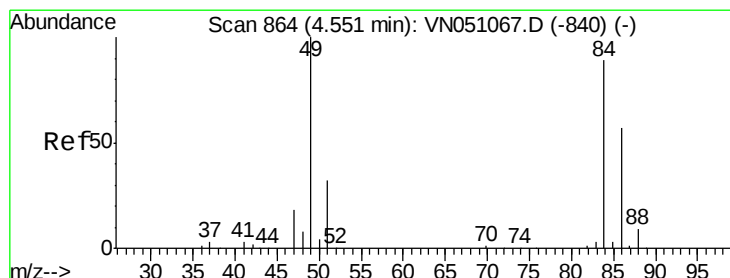
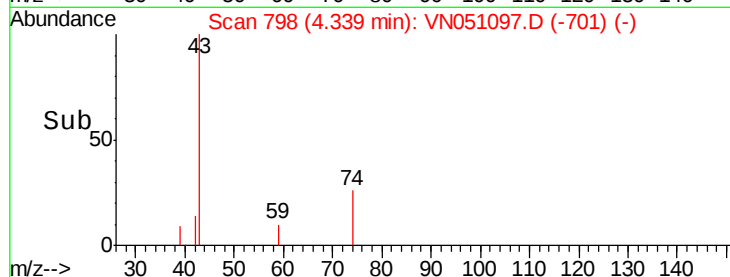
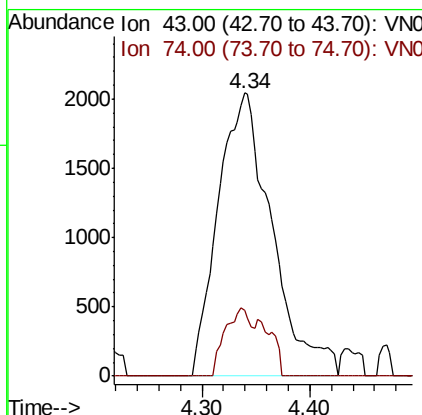
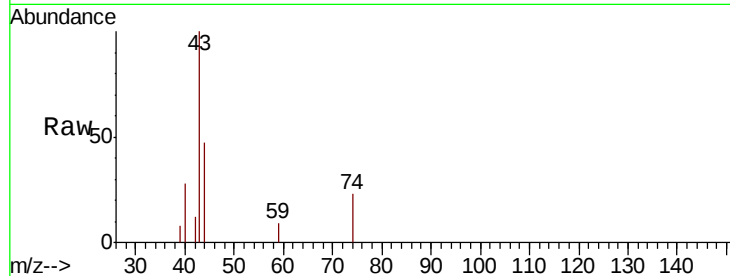




#18
Methyl Acetate
Concen: 1.26 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

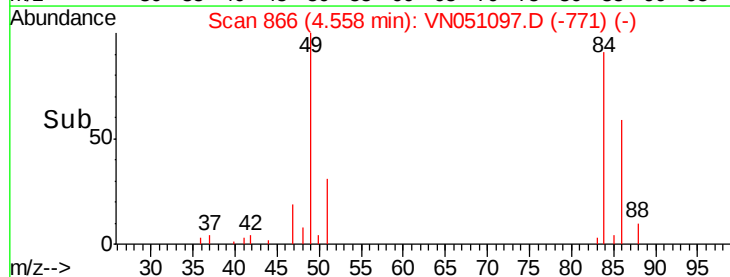
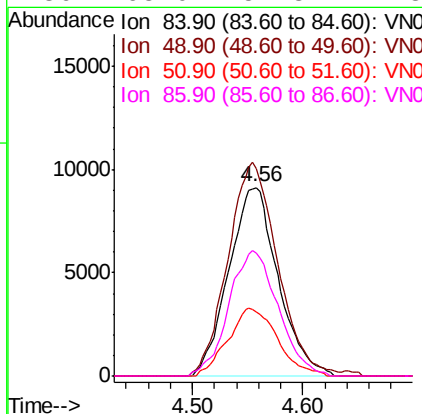
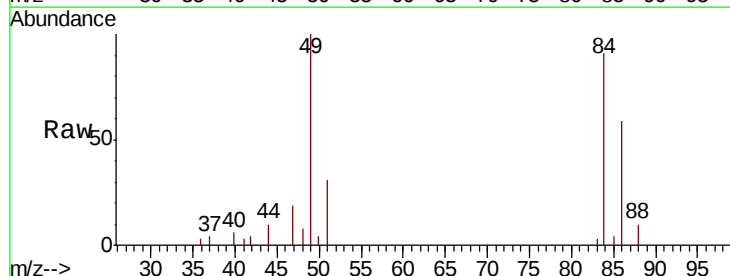
Instrument :
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OILY-STONES-PADS

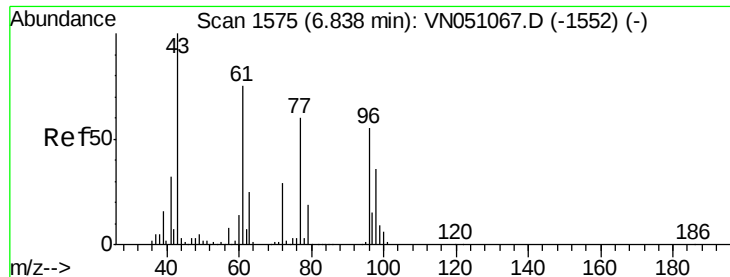
Tot Ion: 43 Resp: 7097
Ion Ratio Lower Upper
43 100
74 11.9 20.7 31.1#



#20
Methylene Chloride
Concen: 3.65 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

Tgt Ion: 84 Resp: 28240
Ion Ratio Lower Upper
84 100
49 110.0 90.2 135.2
51 34.2 28.4 42.6
86 65.0 51.8 77.8

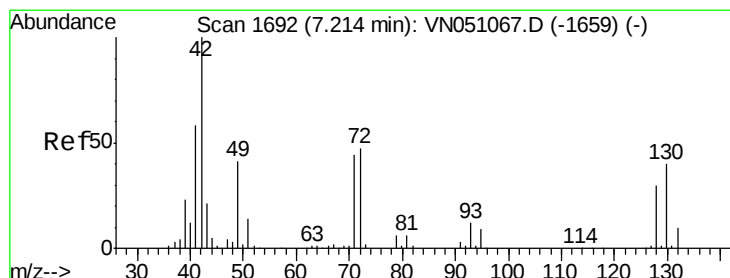
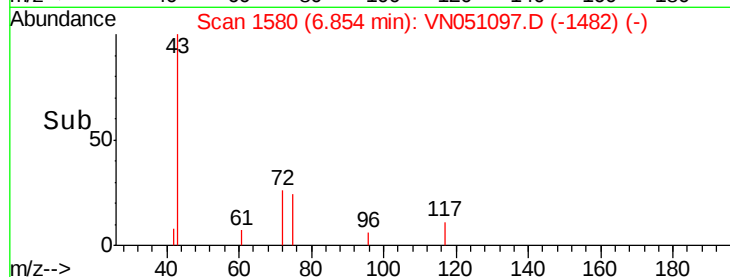
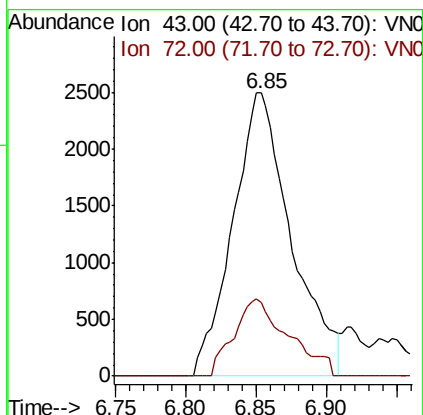
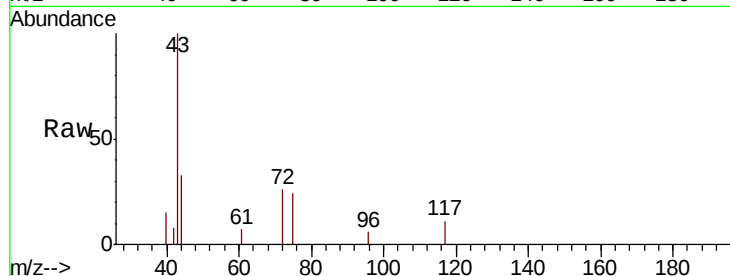




#25
 2-Butanone
 Concen: 2.62 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. 0.02 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

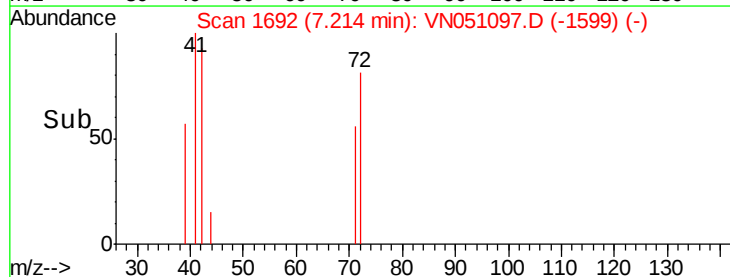
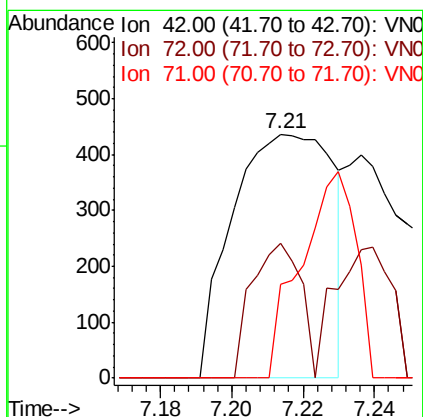
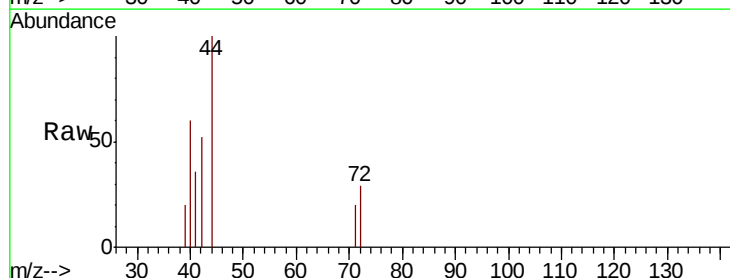
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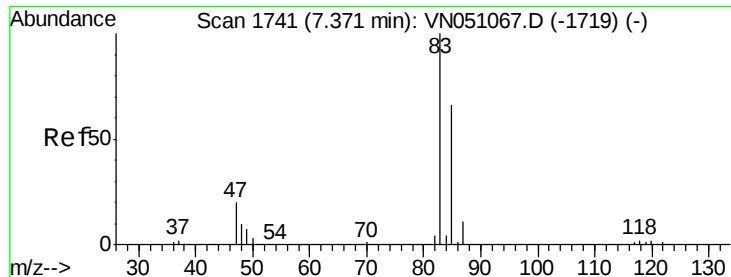
Tot Ion: 43 Resp: 7230
 Ion Ratio Lower Upper
 43 100
 72 26.1 23.0 34.6



#29
 Tetrahydrofuran
 Concen: 0.49 ug/l
 RT: 7.21 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

Tgt Ion: 42 Resp: 851
 Ion Ratio Lower Upper
 42 100
 72 26.8 37.4 56.0#
 71 0.0 34.7 52.1#

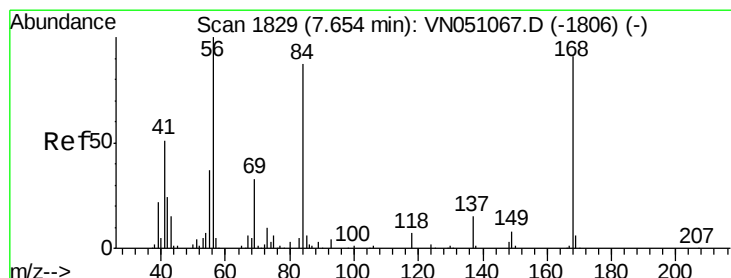
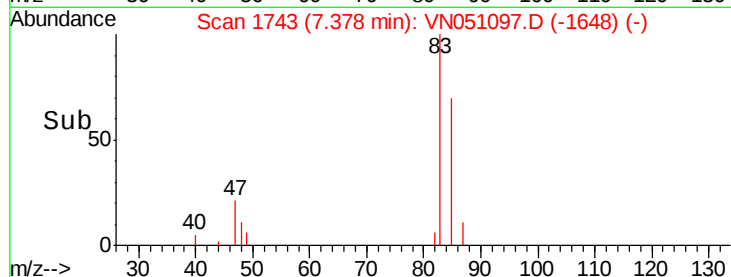
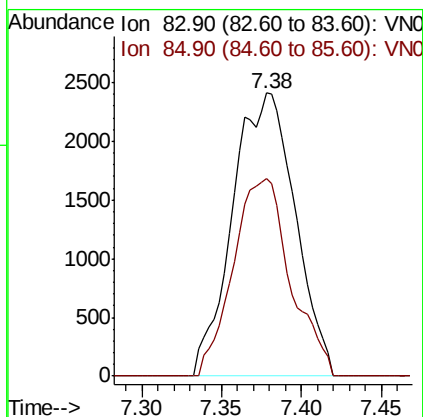
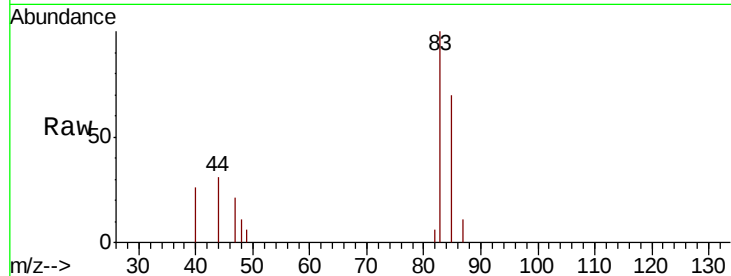




#30
Chloroform
Concen: 0.51 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

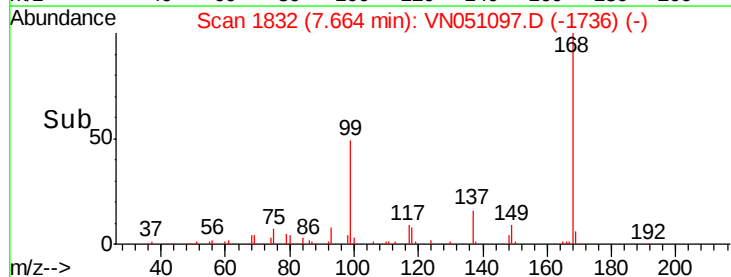
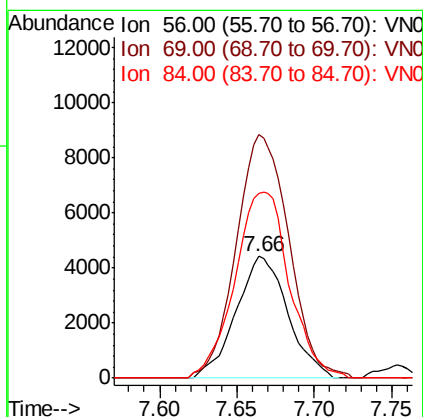
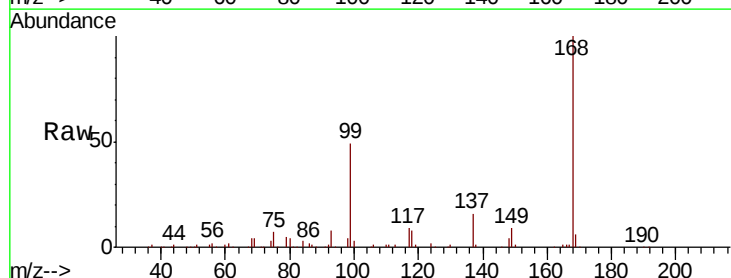
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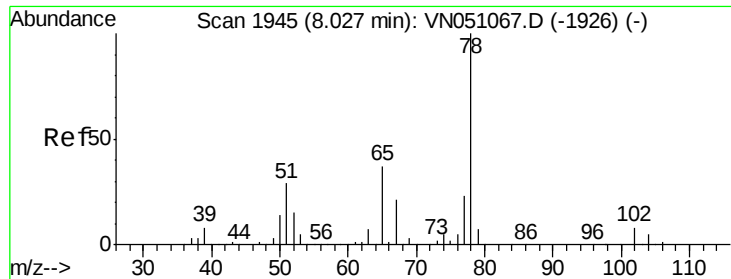
Tot Ion: 83 Resp: 6484
Ion Ratio Lower Upper
83 100
85 70.0 52.6 79.0



#31
Cyclohexane
Concen: 0.67 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

Tgt Ion: 56 Resp: 10285
Ion Ratio Lower Upper
56 100
69 200.3 26.3 39.5#
84 152.5 69.4 104.0#

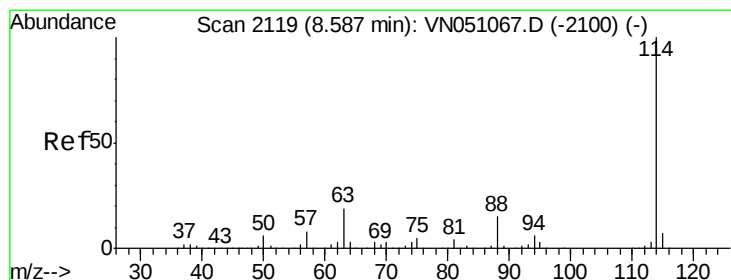
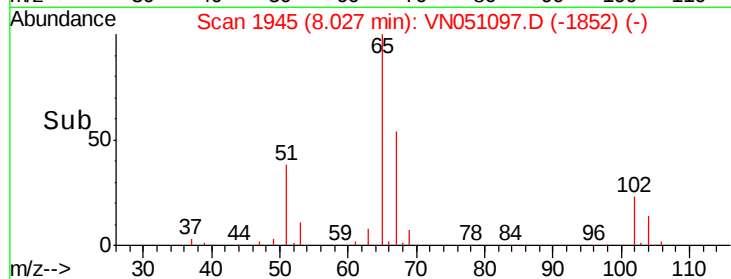
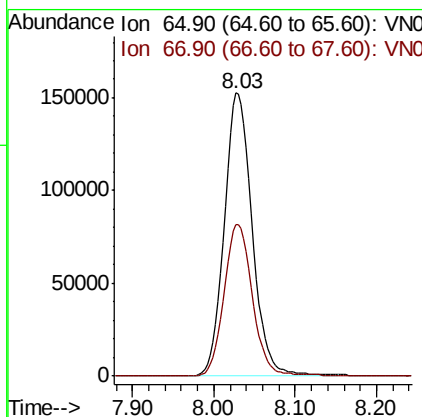
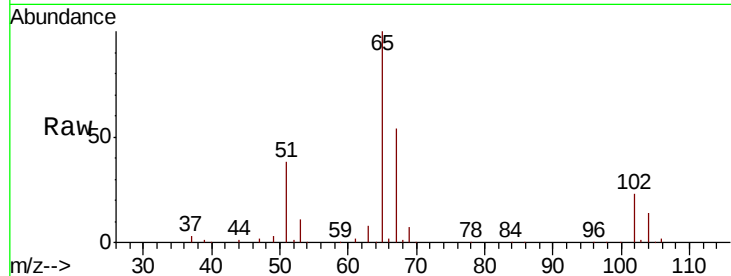




#33
 1,2-Dichloroethane-d4
 Concen: 52.65 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

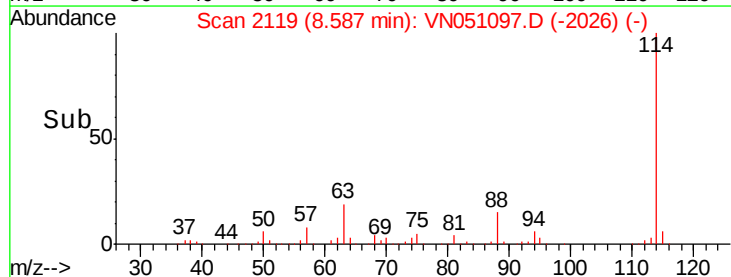
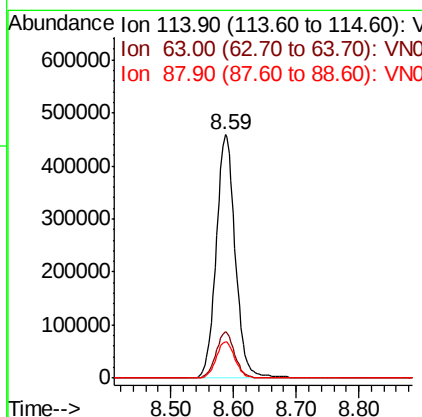
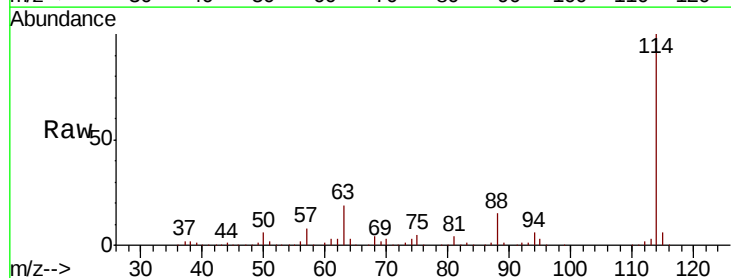
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-PADS

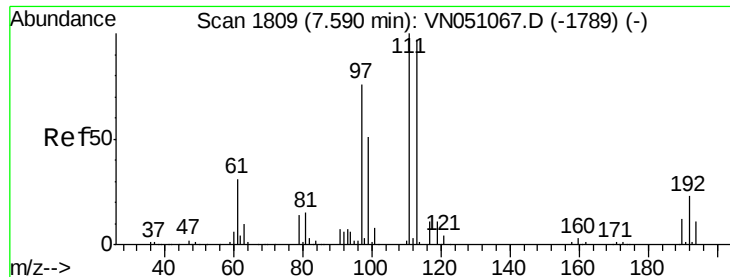
Tot Ion: 65 Resp: 368982
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

Tgt Ion: 114 Resp: 970715
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 15.1 0.0 30.8

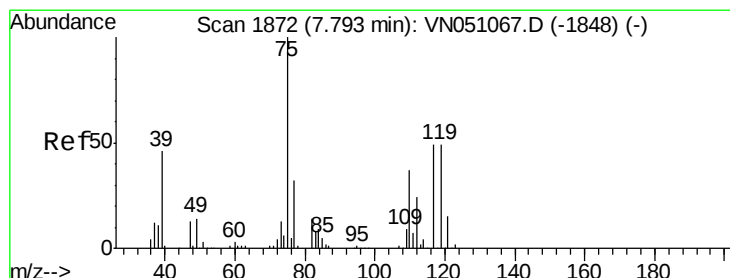
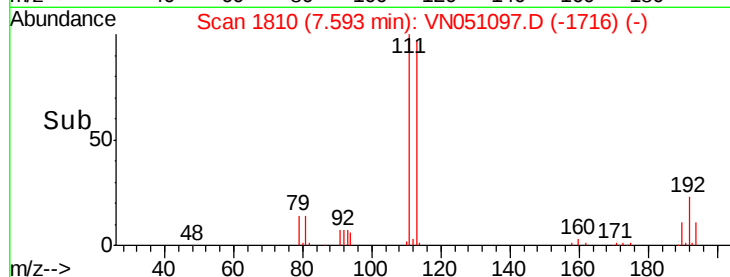
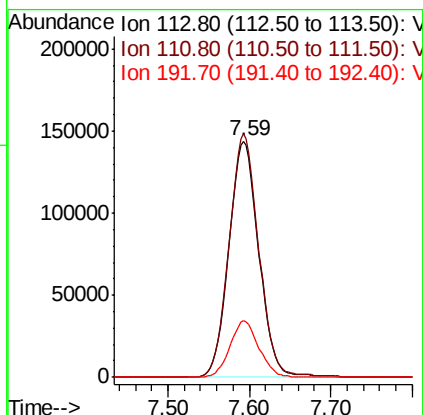
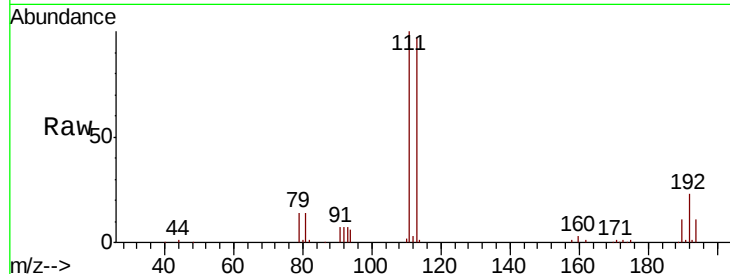




#35
 Dibromofluoromethane
 Concen: 50.52 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

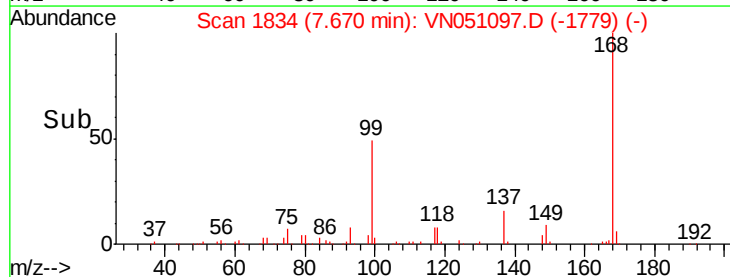
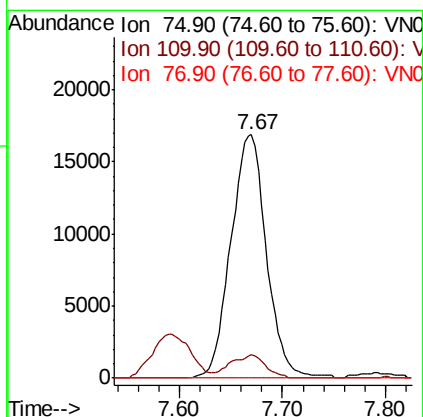
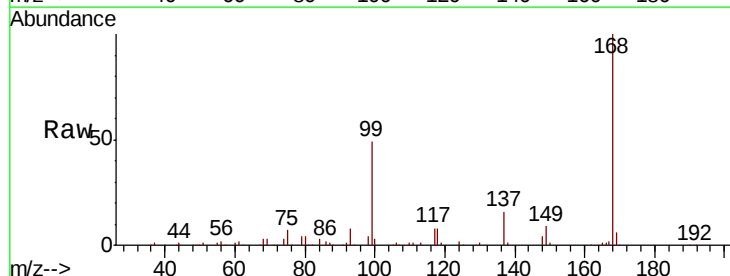
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-PADS

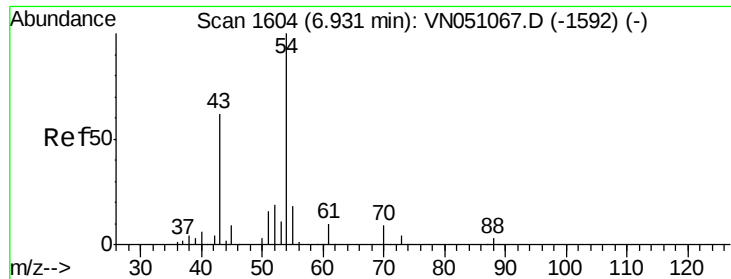
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	23.2	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.6	55.8#
77	0.0	25.2	37.8#

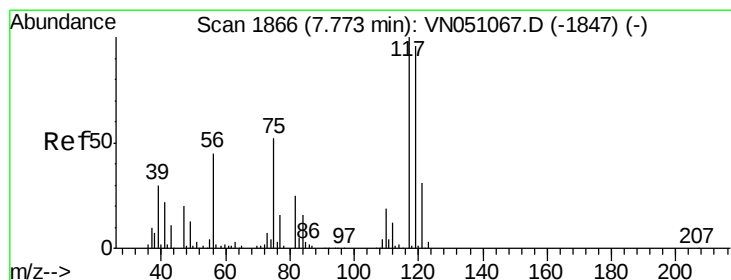
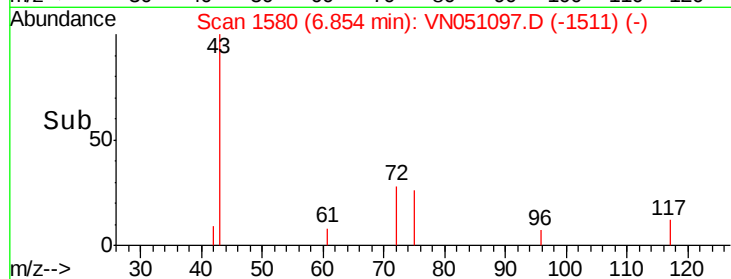
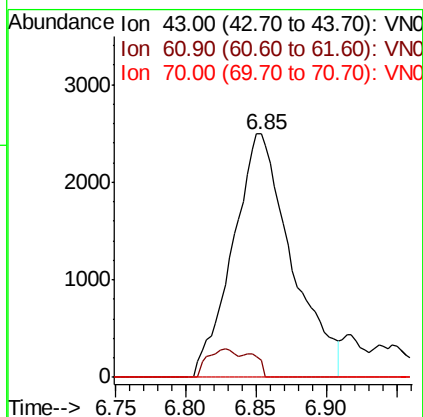
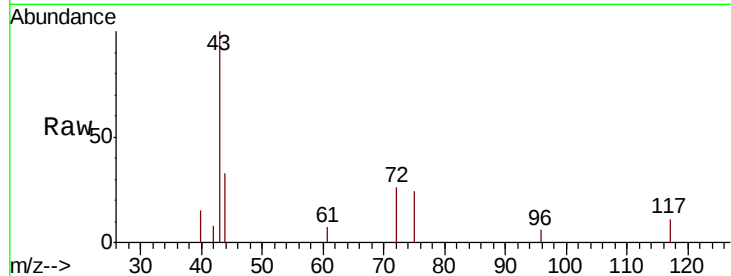




#37
Ethyl Acetate
Concen: 1.17 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. -0.08 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

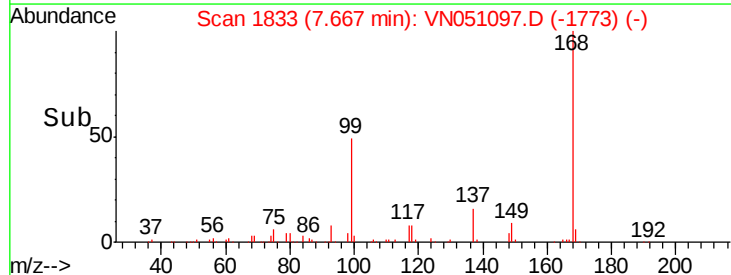
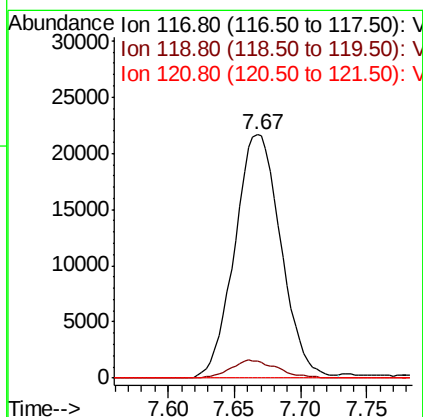
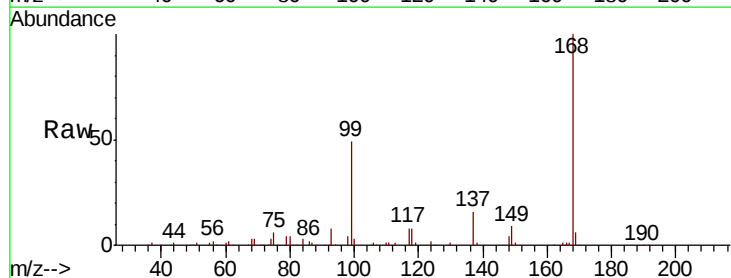
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES-PADS

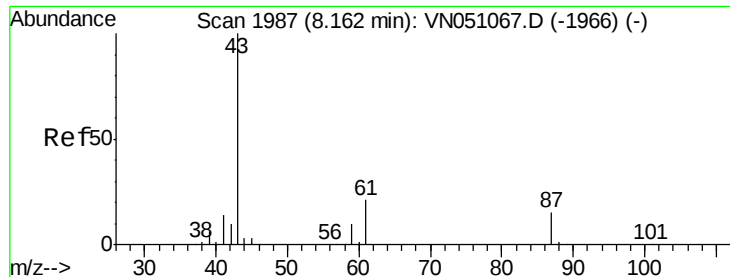
Tot Ion: 43 Resp: 7230
Ion Ratio Lower Upper
43 100
61 0.0 12.4 18.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.01 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

Tgt Ion: 117 Resp: 52506
Ion Ratio Lower Upper
117 100
119 6.9 76.8 115.2#
121 0.0 24.6 36.8#



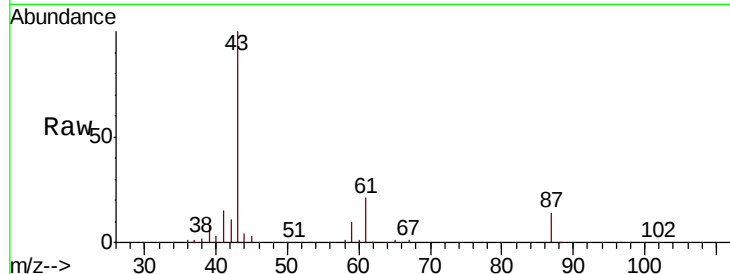


#43

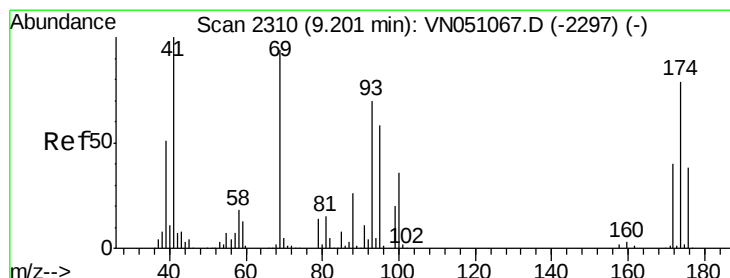
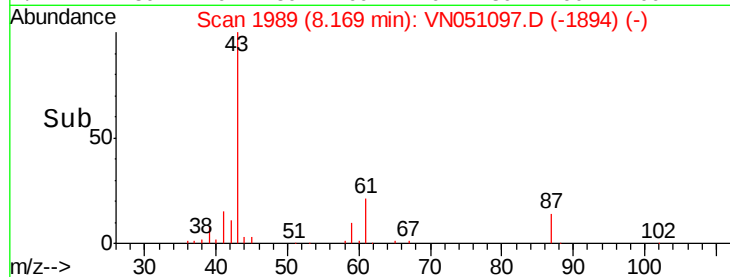
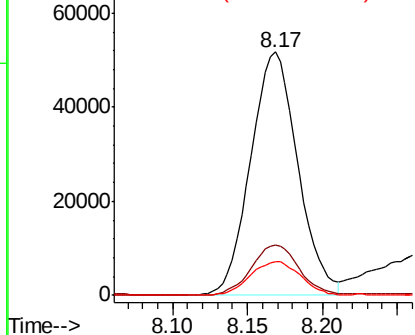
Isopropyl Acetate
 Concen: 10.43 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-PADS

Tot Ion: 43 Resp: 113631
 Ion Ratio Lower Upper
 43 100
 61 21.2 25.0 37.6#
 87 14.6 11.8 17.8



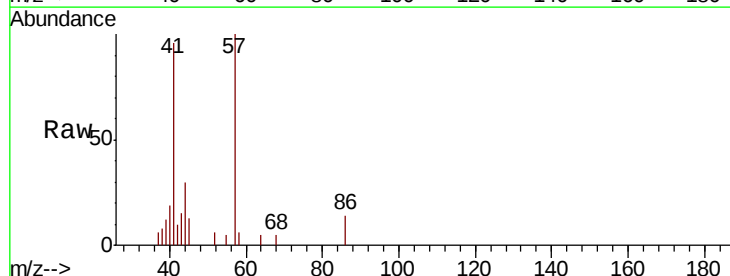
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



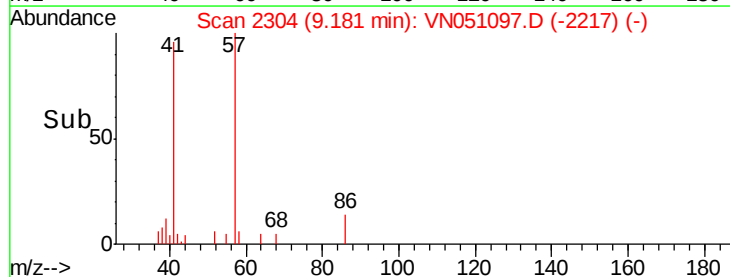
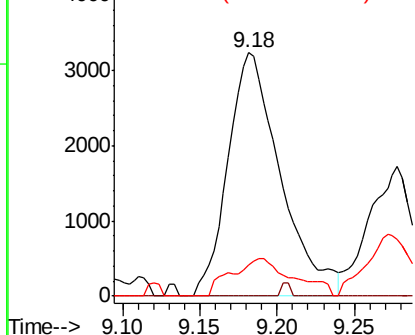
#48

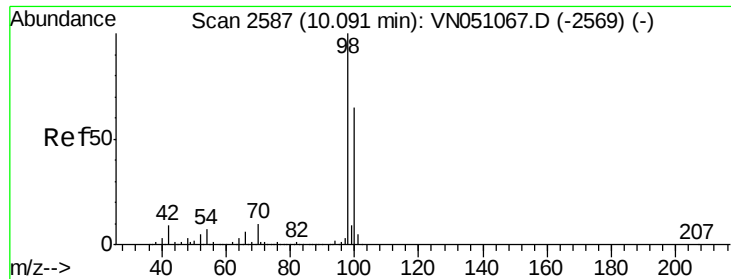
Methyl methacrylate
 Concen: 1.44 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

Tgt Ion: 41 Resp: 7628
 Ion Ratio Lower Upper
 41 100
 69 0.0 77.7 116.5#
 39 18.2 41.6 62.4#



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

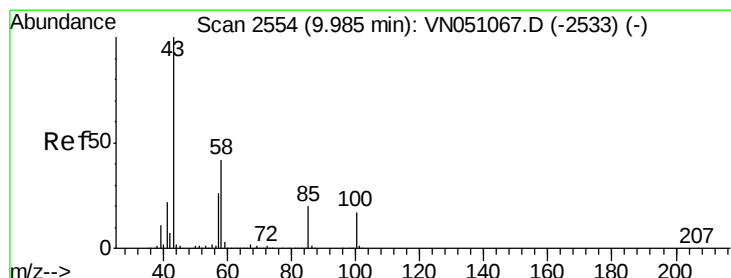
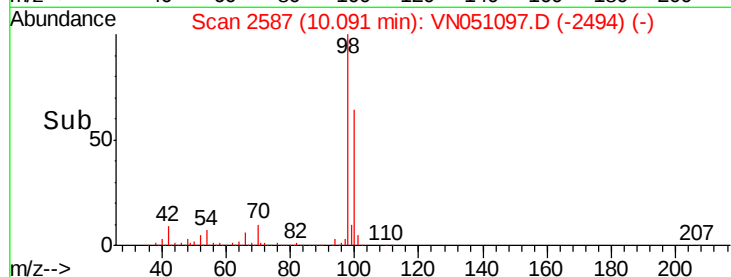
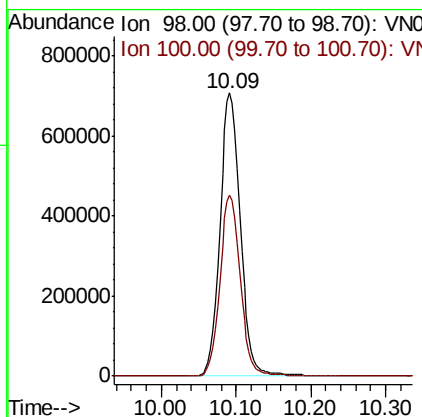
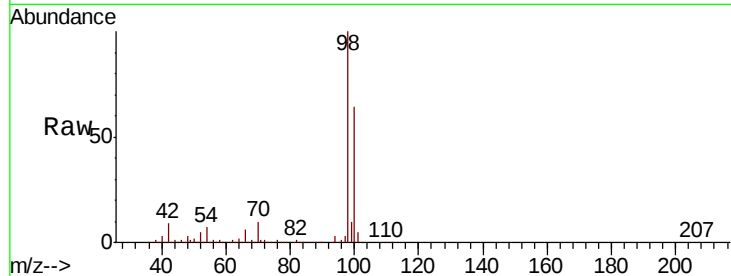




#50
Toluene-d8
Concen: 48.12 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

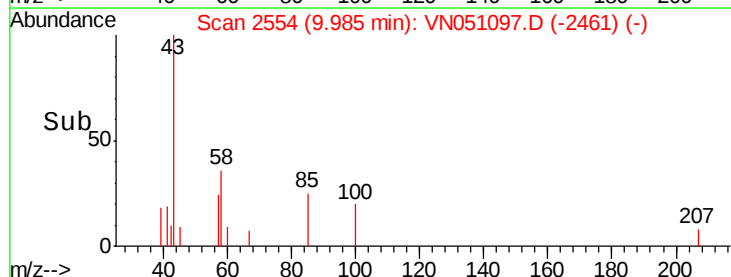
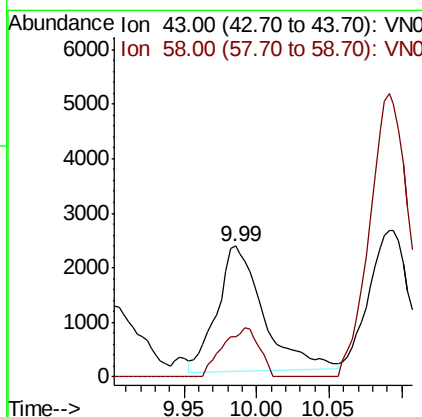
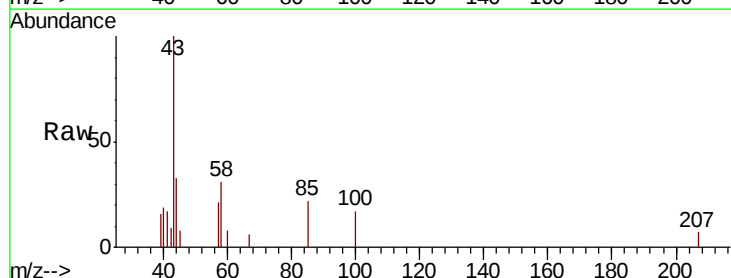
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES-PADS

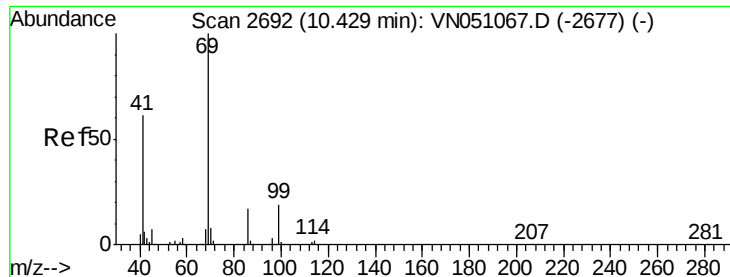
Tot Ion: 98 Resp: 1332021
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.84 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

Tgt Ion: 43 Resp: 5082
Ion Ratio Lower Upper
43 100
58 30.7 33.5 50.3#





#56

Ethyl methacrylate

Concen: 2.48 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-PADS

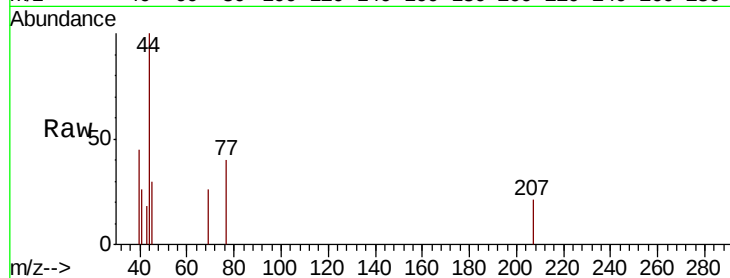
Tot Ion: 69 Resp: 207

Ion Ratio Lower Upper

69 100

41 81.2 47.8 71.8#

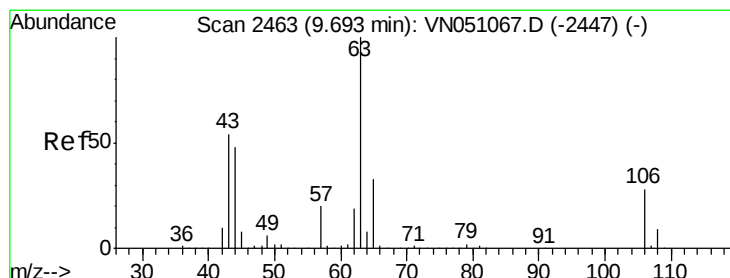
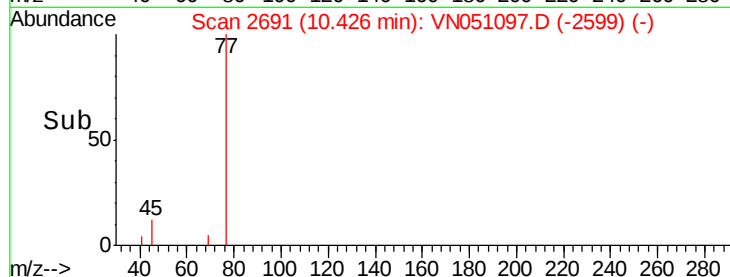
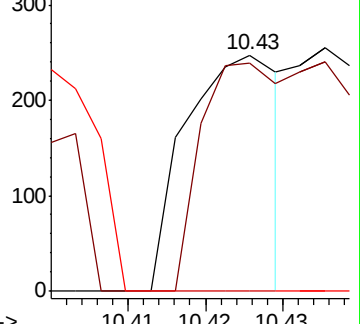
39 0.0 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 15.26 ug/l

RT: 9.70 min Scan# 2465

Delta R.T. 0.01 min

Lab File: VN051097.D

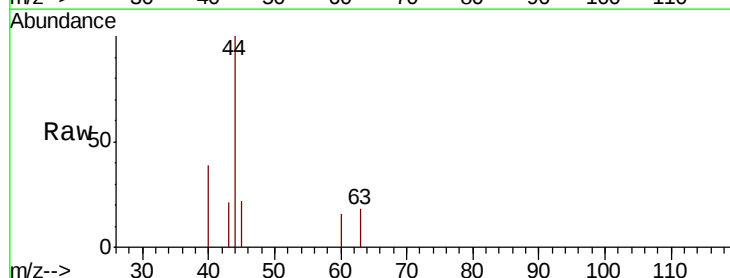
Acq: 10 Sep 2018 23:57

Tgt Ion: 63 Resp: 143

Ion Ratio Lower Upper

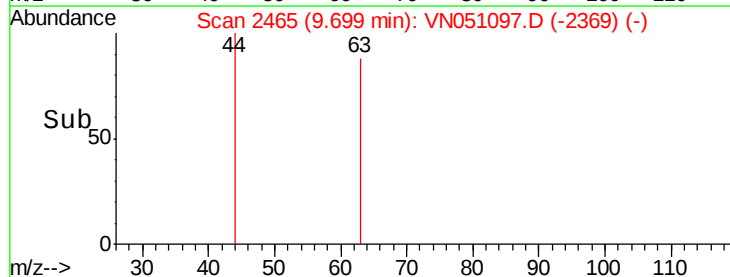
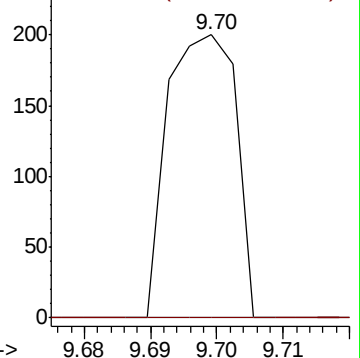
63 100

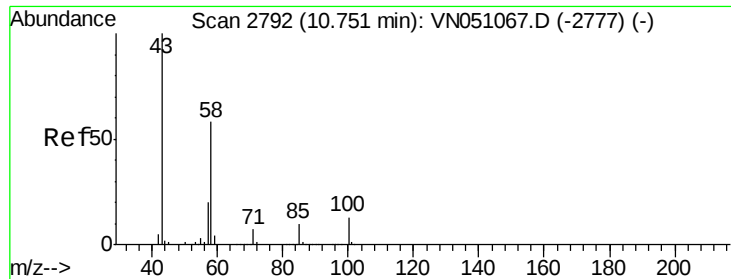
106 0.0 22.5 33.7#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

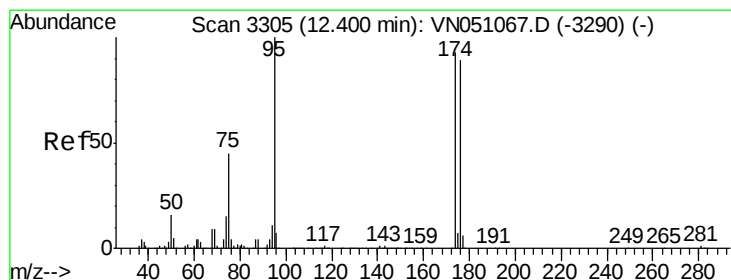
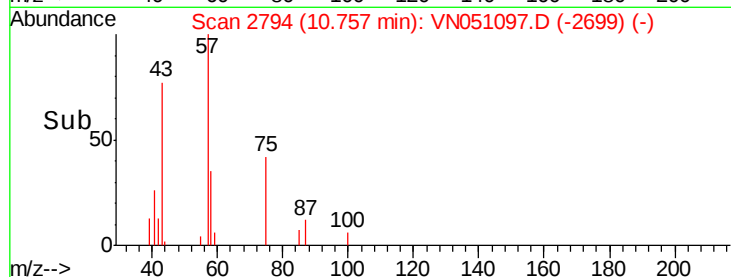
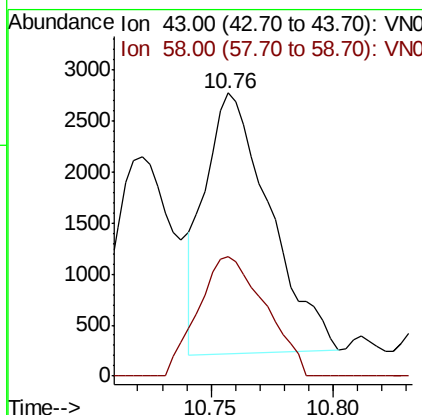
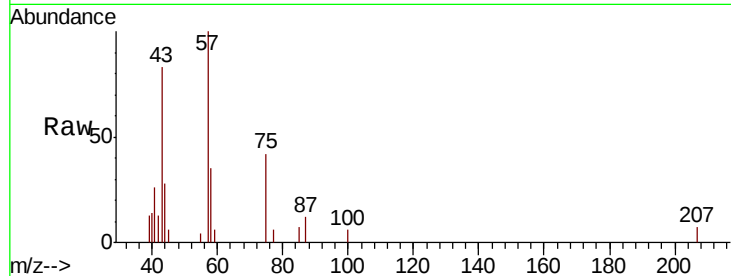




#59
2-Hexanone
Concen: 1.15 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

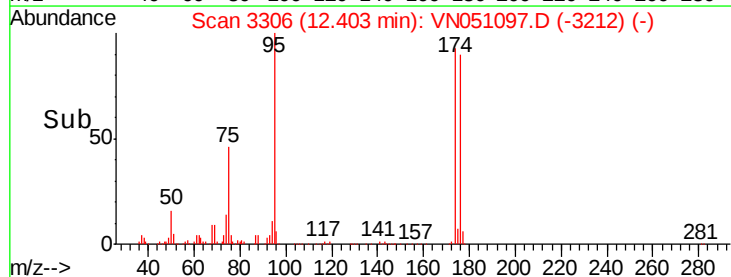
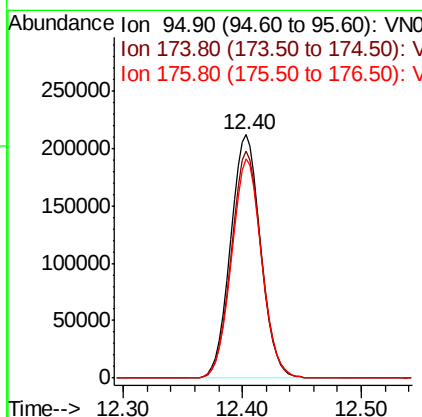
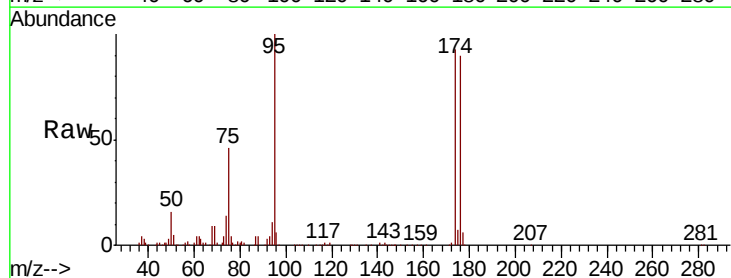
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES-PADS

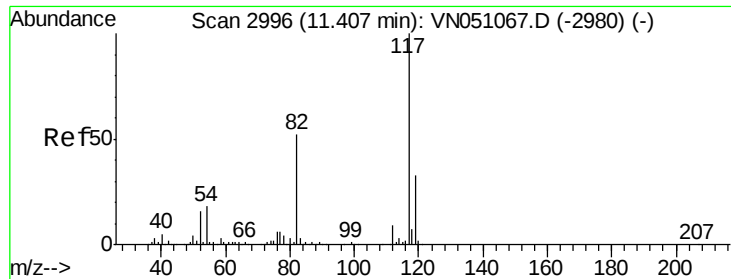
Tot Ion: 43 Resp: 4714
Ion Ratio Lower Upper
43 100
58 47.7 29.3 88.0



#62
4-Bromofluorobenzene
Concen: 40.42 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

Tgt Ion: 95 Resp: 370058
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.8
176 89.9 0.0 178.6

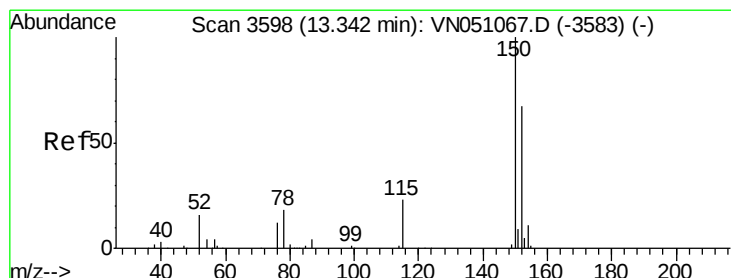
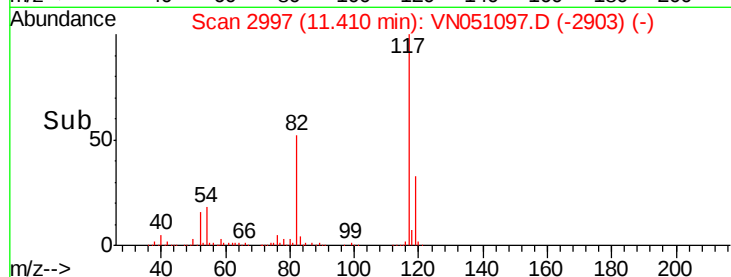
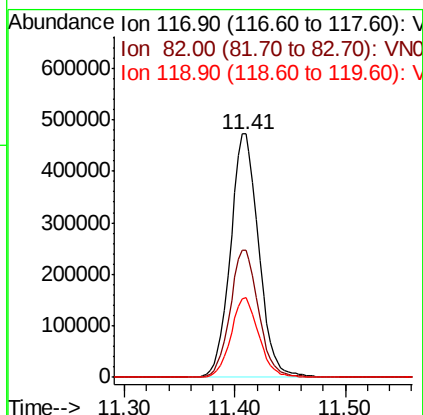
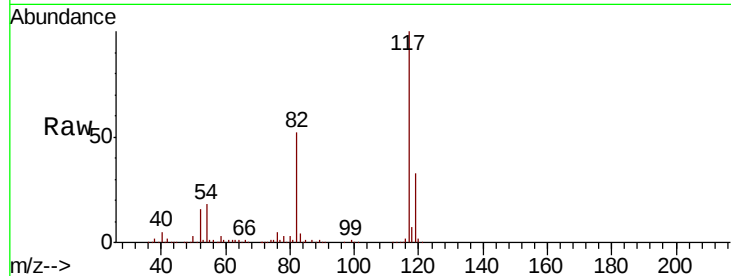




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

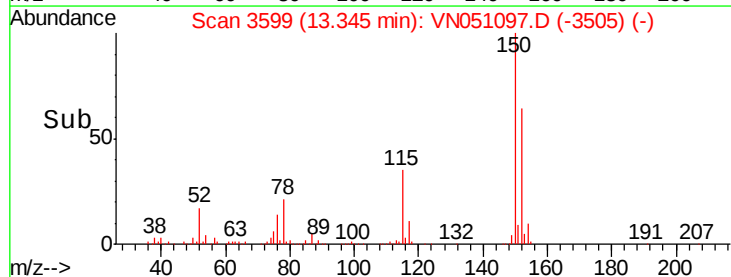
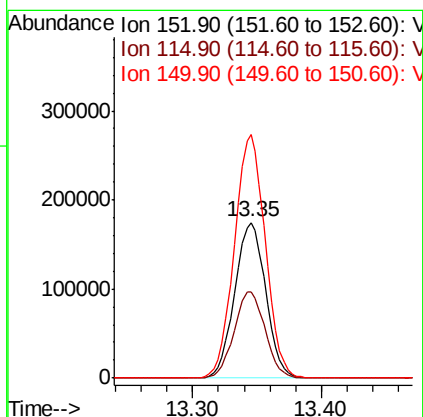
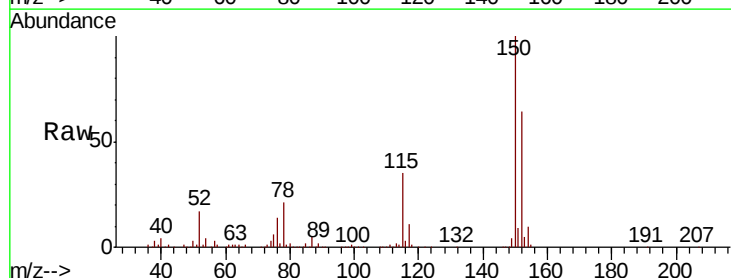
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES-PADS

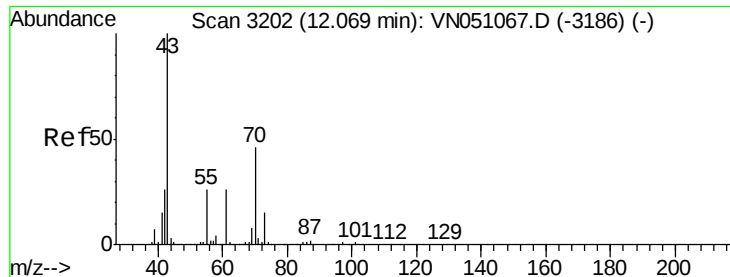
Tot Ion:117 Resp: 838851
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.6
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051097.D
Acq: 10 Sep 2018 23:57

Tgt Ion:152 Resp: 290422
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 156.3 0.0 349.0





#74

N-amvl acetate

Concen: 0.41 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-PADS

Tot Ion: 43 Resp: 2485

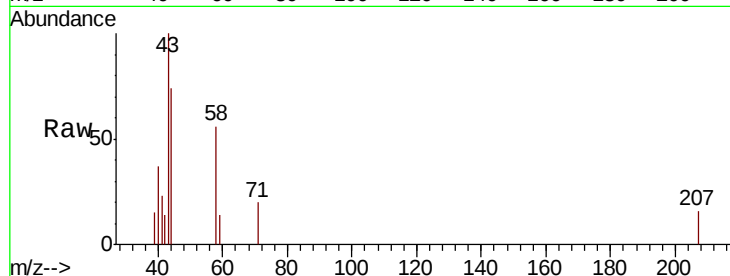
Ion Ratio Lower Upper

43 100

70 0.0 37.0 55.4#

55 2.5 21.3 31.9#

61 0.0 20.7 31.1#

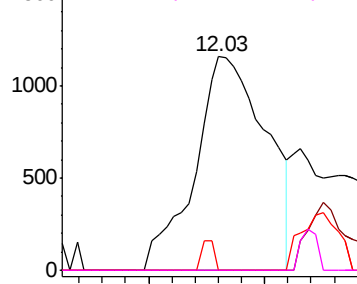


Abundance Ion 43.00 (42.70 to 43.70): VN0

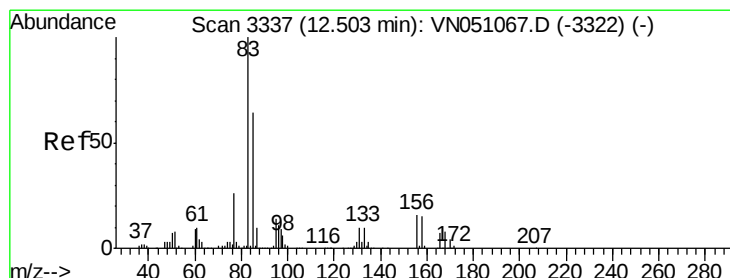
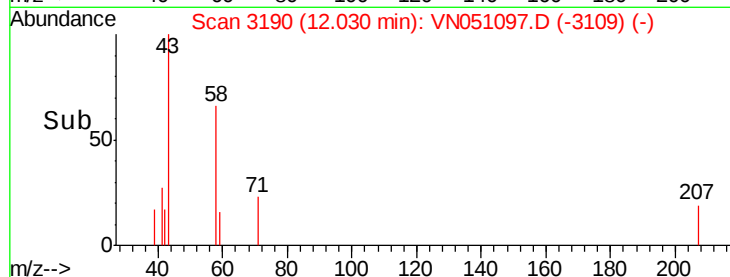
Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

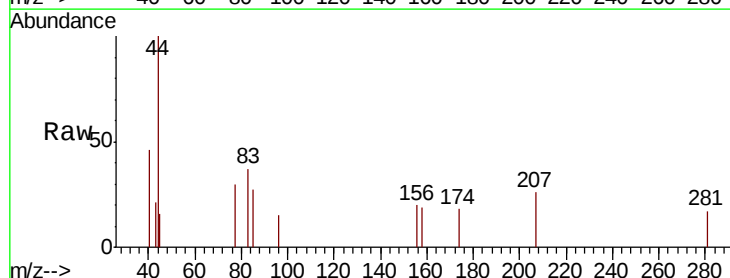
Tgt Ion: 83 Resp: 451

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

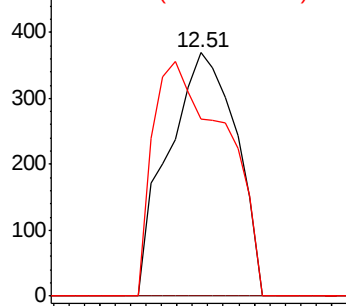
85 103.1 32.3 96.8#



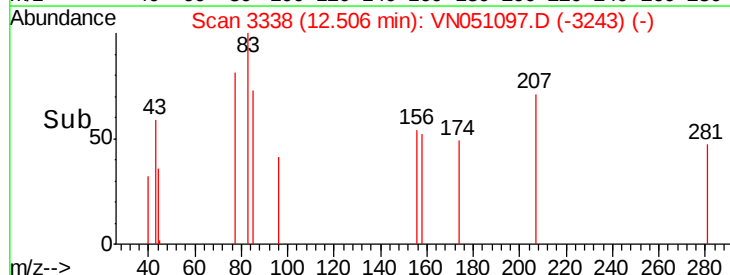
Abundance Ion 82.90 (82.60 to 83.60): VN0

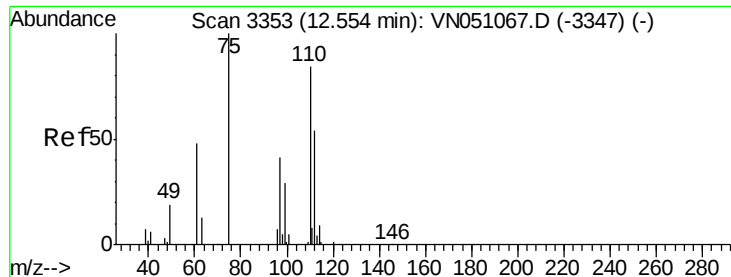
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



Time-->





#76

1,2,3-Trichloropropane

Concen: 37.87 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

Instrument :

MSVOA_N

ClientSampleId :

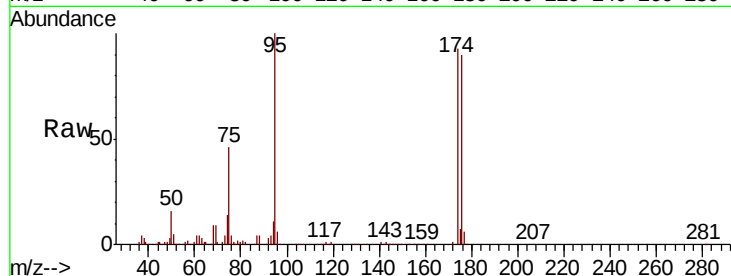
OILY-STONES-PADS

Tot Ion: 75 Resp: 172118

Ion Ratio Lower Upper

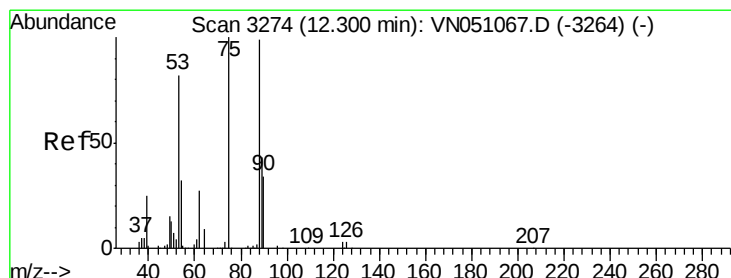
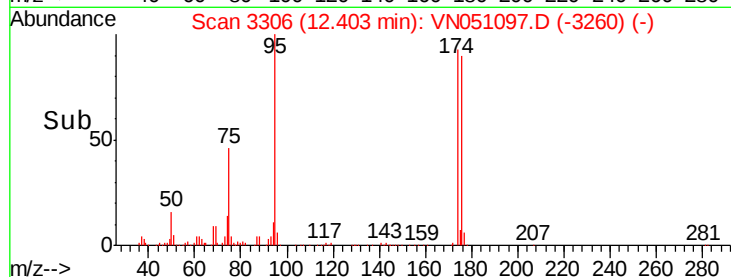
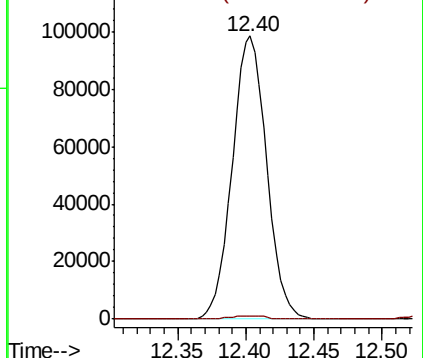
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 112.55 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

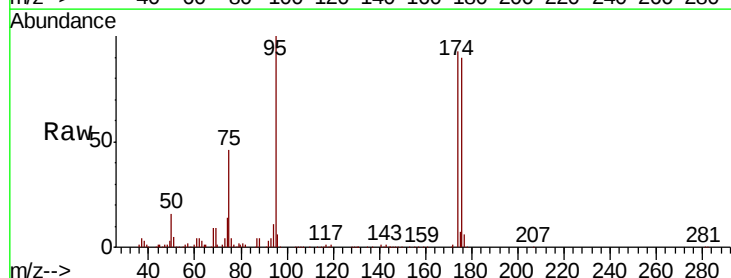
Tgt Ion: 75 Resp: 172118

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

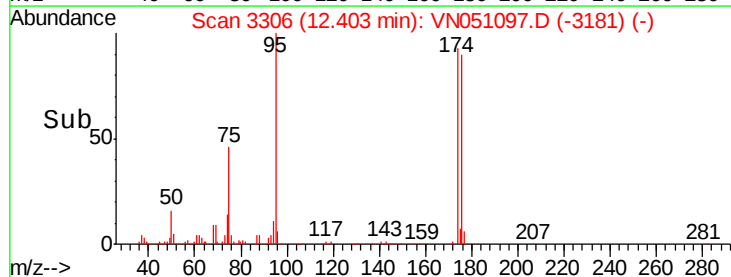
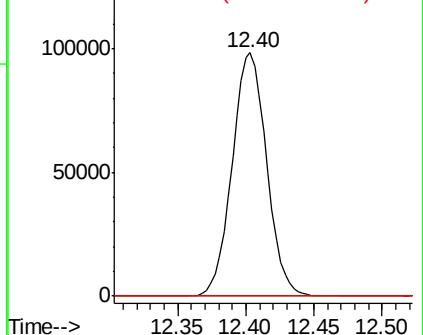
89 0.0 36.0 54.0#

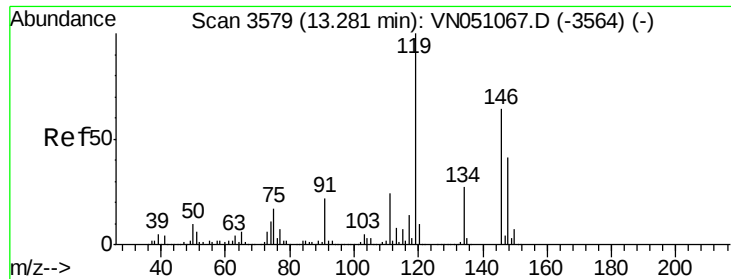


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

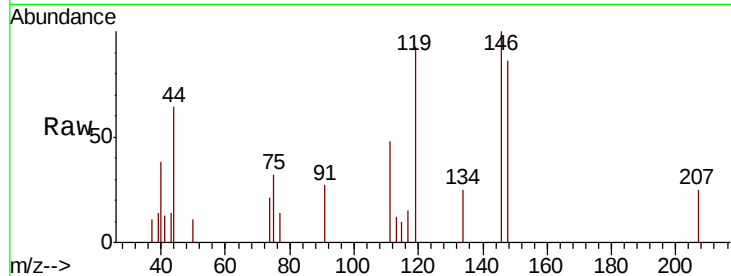




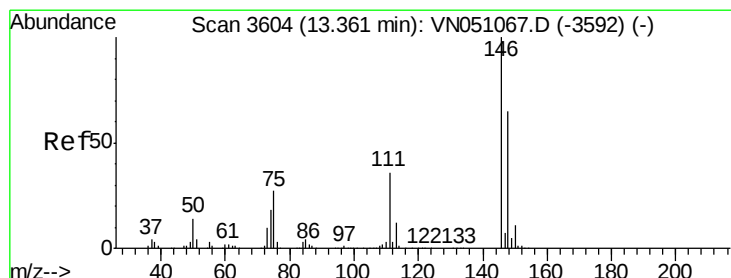
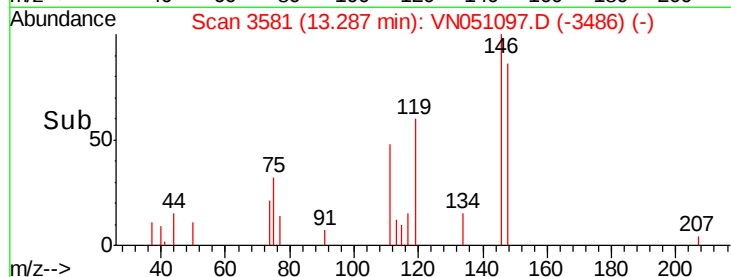
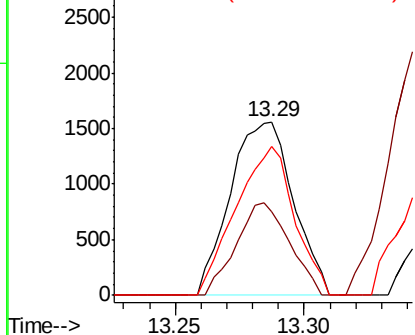
#87
 1,3-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.01 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-PADS

Tot Ion:146 Resp: 2656
 Ion Ratio Lower Upper
 146 100
 111 45.0 19.1 57.1
 148 79.5 32.2 96.6

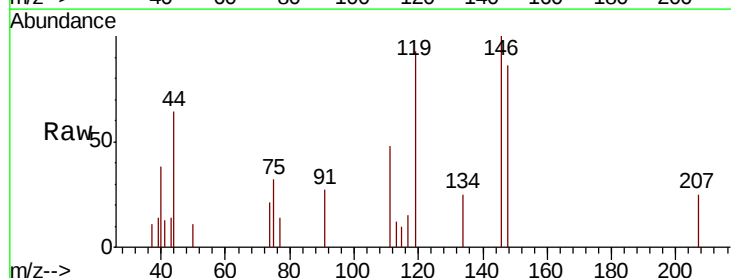


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

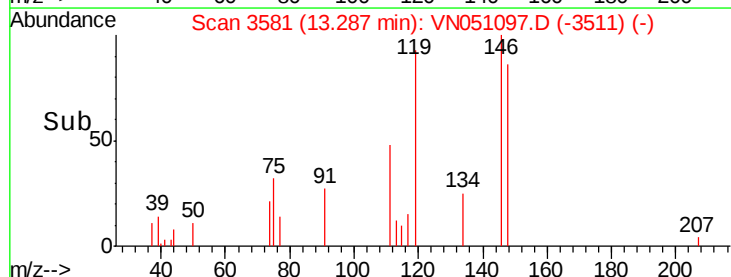
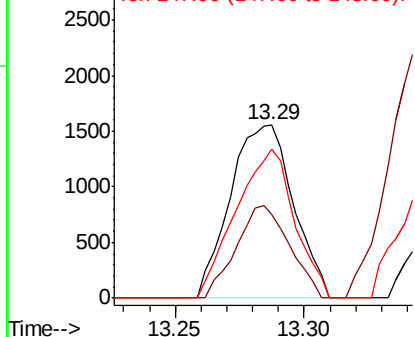


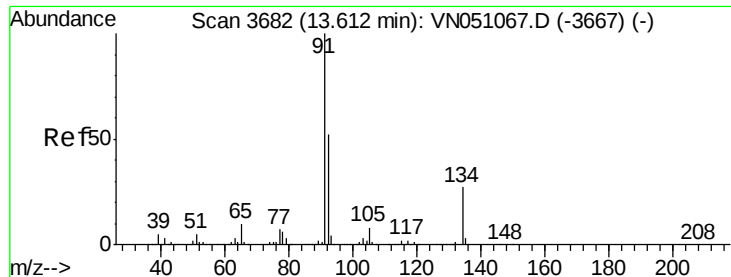
#88
 1,4-Dichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.07 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

Tgt Ion:146 Resp: 2656
 Ion Ratio Lower Upper
 146 100
 111 45.0 18.4 55.0
 148 79.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.23 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.01 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-PADS

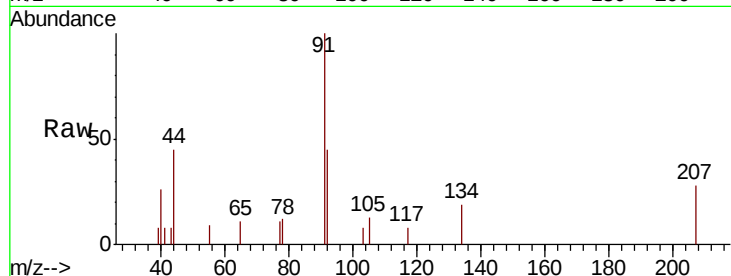
Tot Ion: 91 Resp: 3319

Ion Ratio Lower Upper

91 100

92 45.9 26.2 78.6

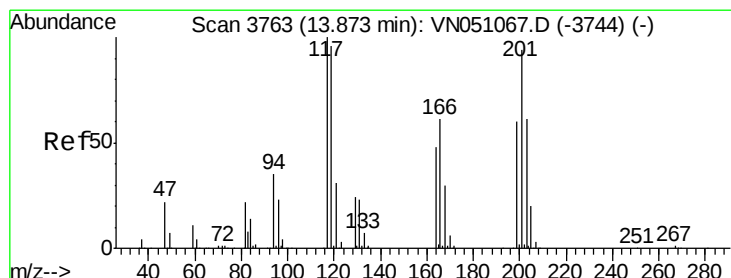
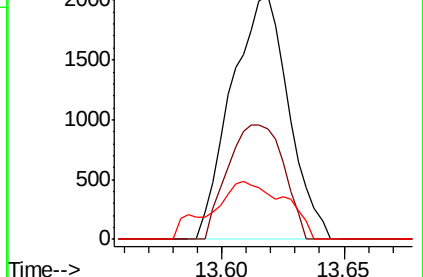
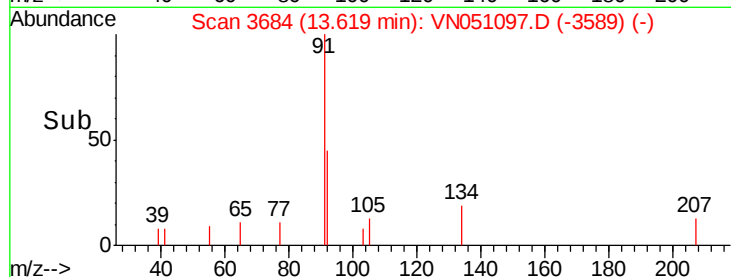
134 30.7 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051067.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051067.D (-3667) (-)



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN051097.D

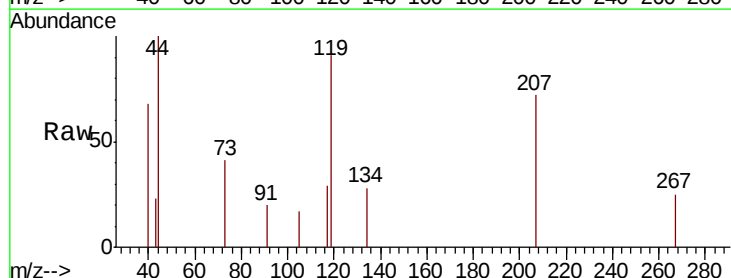
Acq: 10 Sep 2018 23:57

Tgt Ion: 117 Resp: 287

Ion Ratio Lower Upper

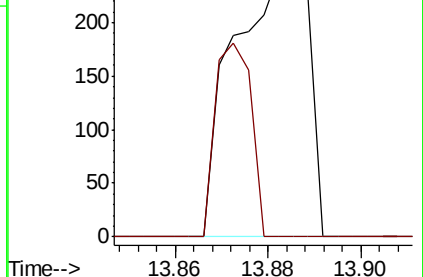
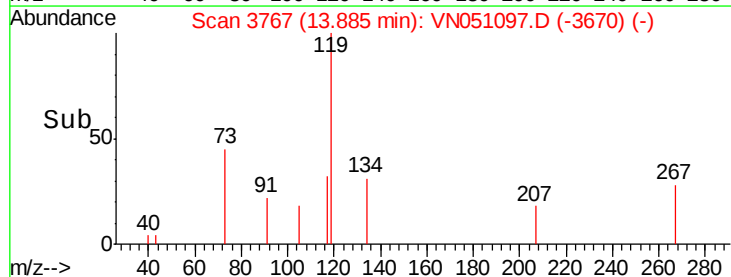
117 100

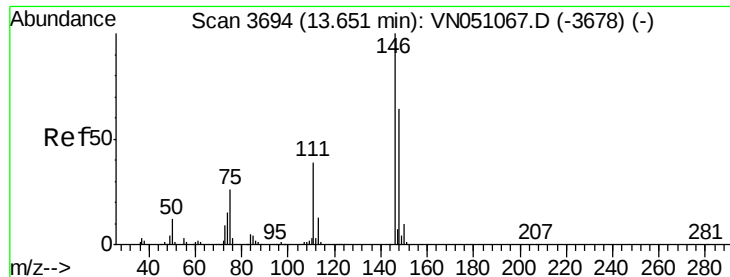
201 33.8 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): VN051067.D (-3744) (-)

Ion 200.70 (200.40 to 201.40): VN051067.D (-3744) (-)

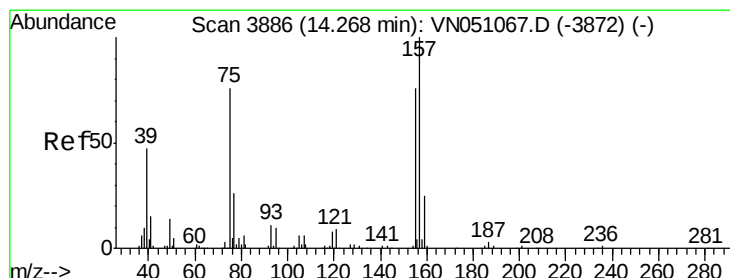
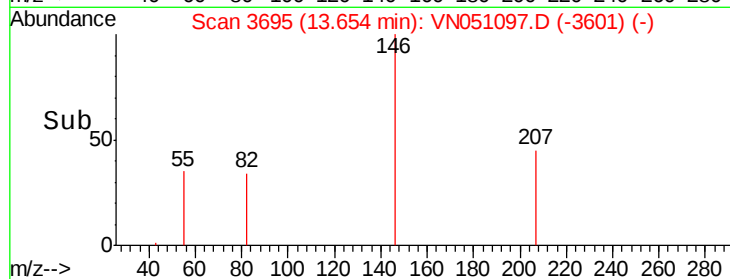
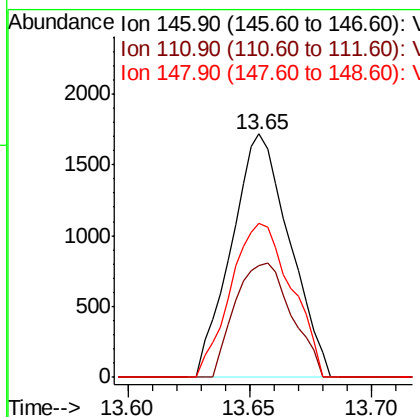
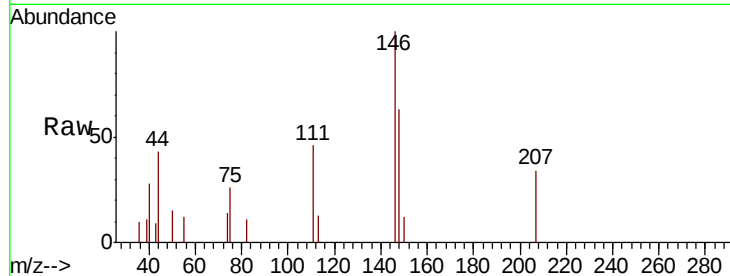




#91
 1,2-Dichlorobenzene
 Concen: 0.26 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

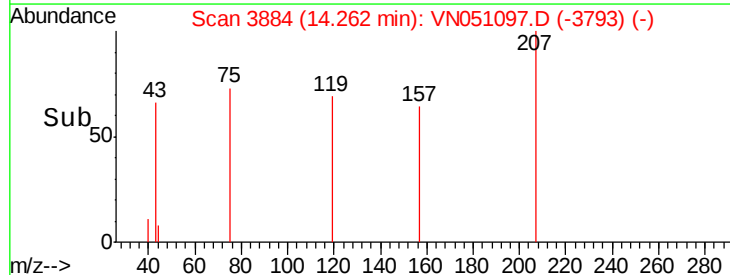
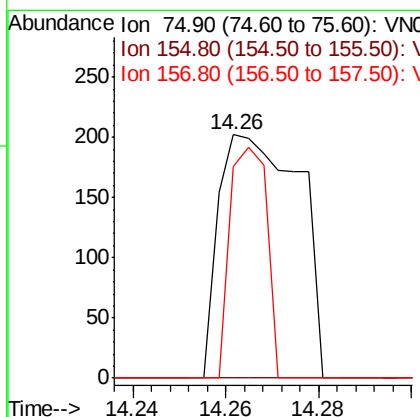
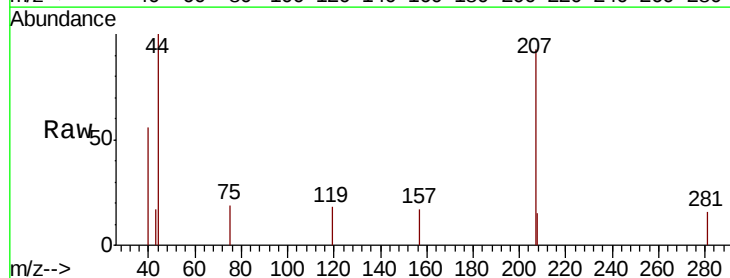
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-PADS

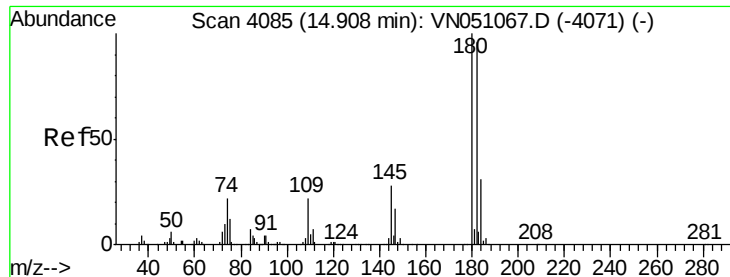
Tot Ion:146 Resp: 2837
 Ion Ratio Lower Upper
 146 100
 111 45.7 19.7 59.0
 148 66.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.94 ug/l
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.01 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

Tgt Ion: 75 Resp: 242
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 43.4 63.6 190.9#

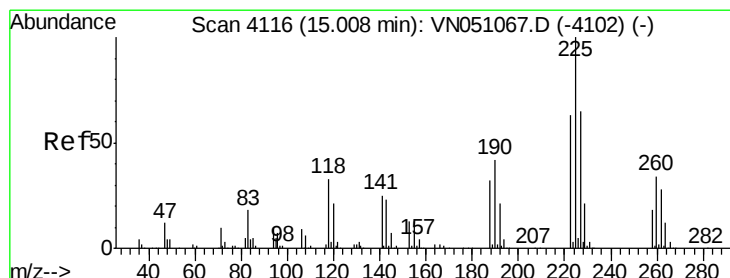
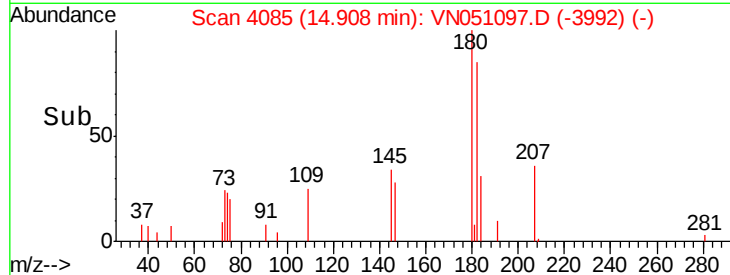
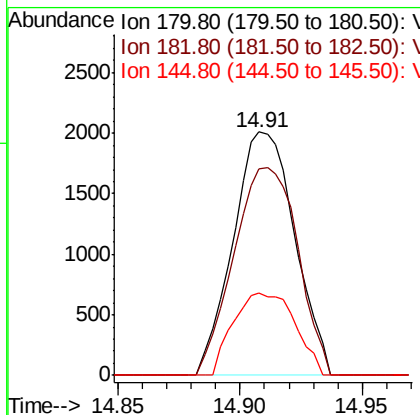
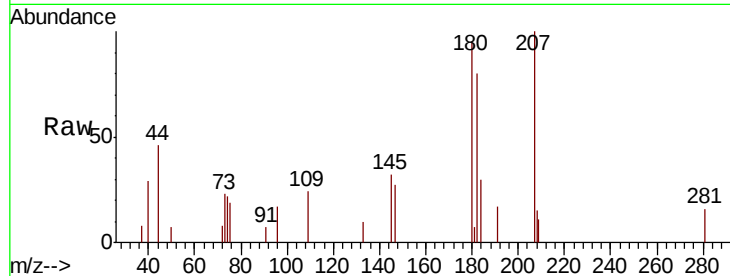




#93
 1,2,4-Trichlorobenzene
 Concen: 4.60 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

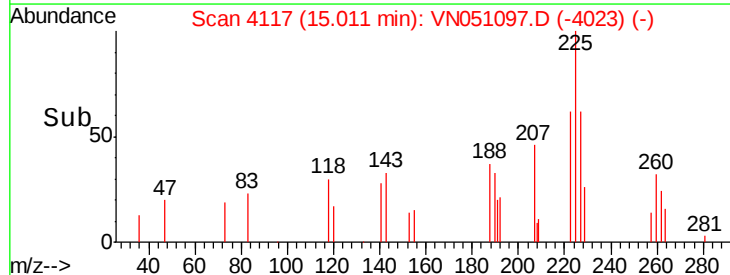
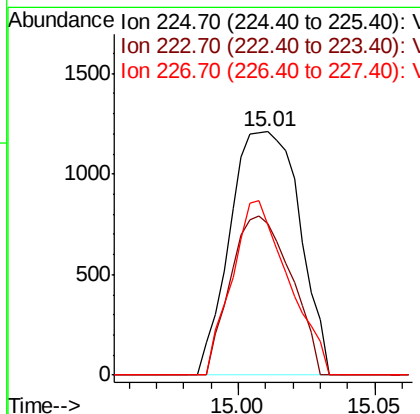
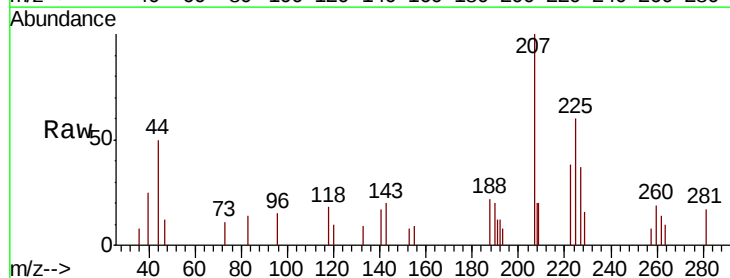
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-PADS

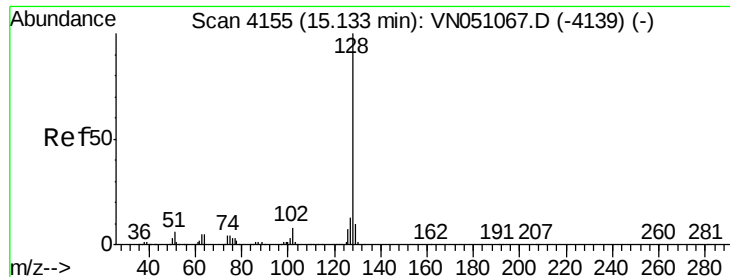
Tot Ion:180 Resp: 3520
 Ion Ratio Lower Upper
 180 100
 182 88.6 47.3 141.8
 145 34.0 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051097.D
 Acq: 10 Sep 2018 23:57

Tgt Ion:225 Resp: 2142
 Ion Ratio Lower Upper
 225 100
 223 57.0 31.4 94.0
 227 58.3 32.1 96.3





#95

Naphthalene

Concen: 6.29 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-PADS

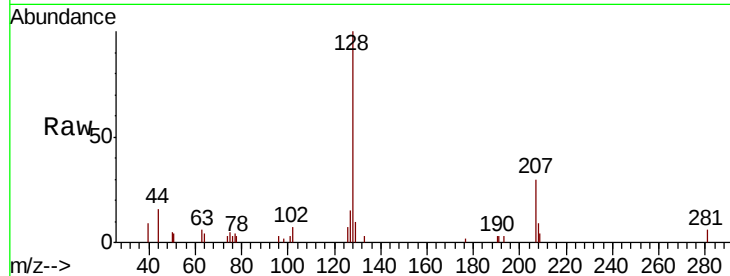
Tot Ion:128 Resp: 11604

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

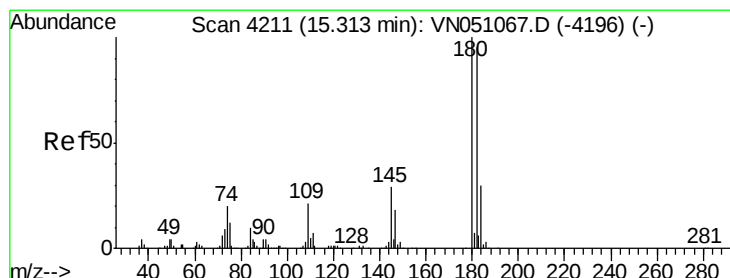
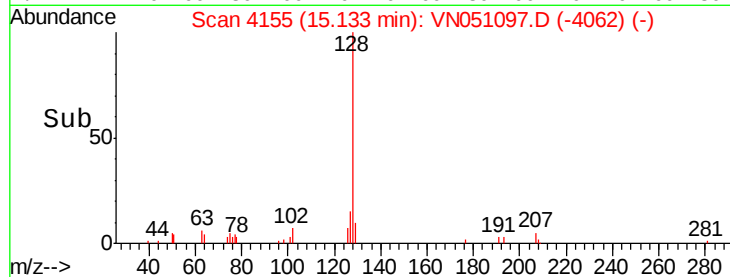
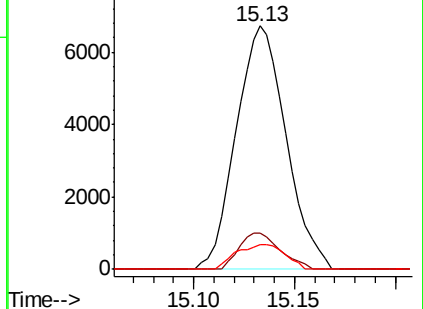
129 10.0 8.6 12.8



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: 3.74 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051097.D

Acq: 10 Sep 2018 23:57

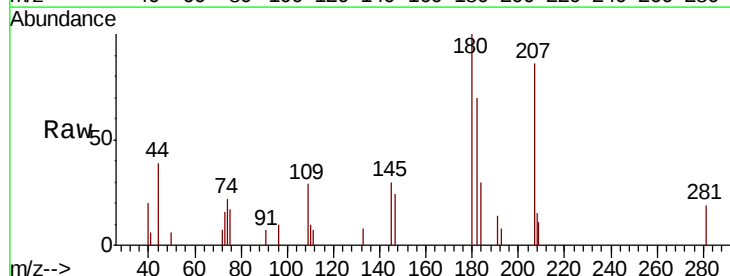
Tgt Ion:180 Resp: 4196

Ion Ratio Lower Upper

180 100

182 87.7 47.8 143.3

145 27.8 14.6 43.8



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

