

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055560.D
 Acq On : 10 May 2019 18:39
 Operator : JC/SP
 Sample : K2770-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

Quant Time: May 11 01:00:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	846606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1476485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1211800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358318	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	593399	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
35) Dibromofluoromethane	7.59	113	458239	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
50) Toluene-d8	10.09	98	1780163	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.40	95	517749	41.37	ug/l	0.00
Spiked Amount			Recovery	=	82.74%	

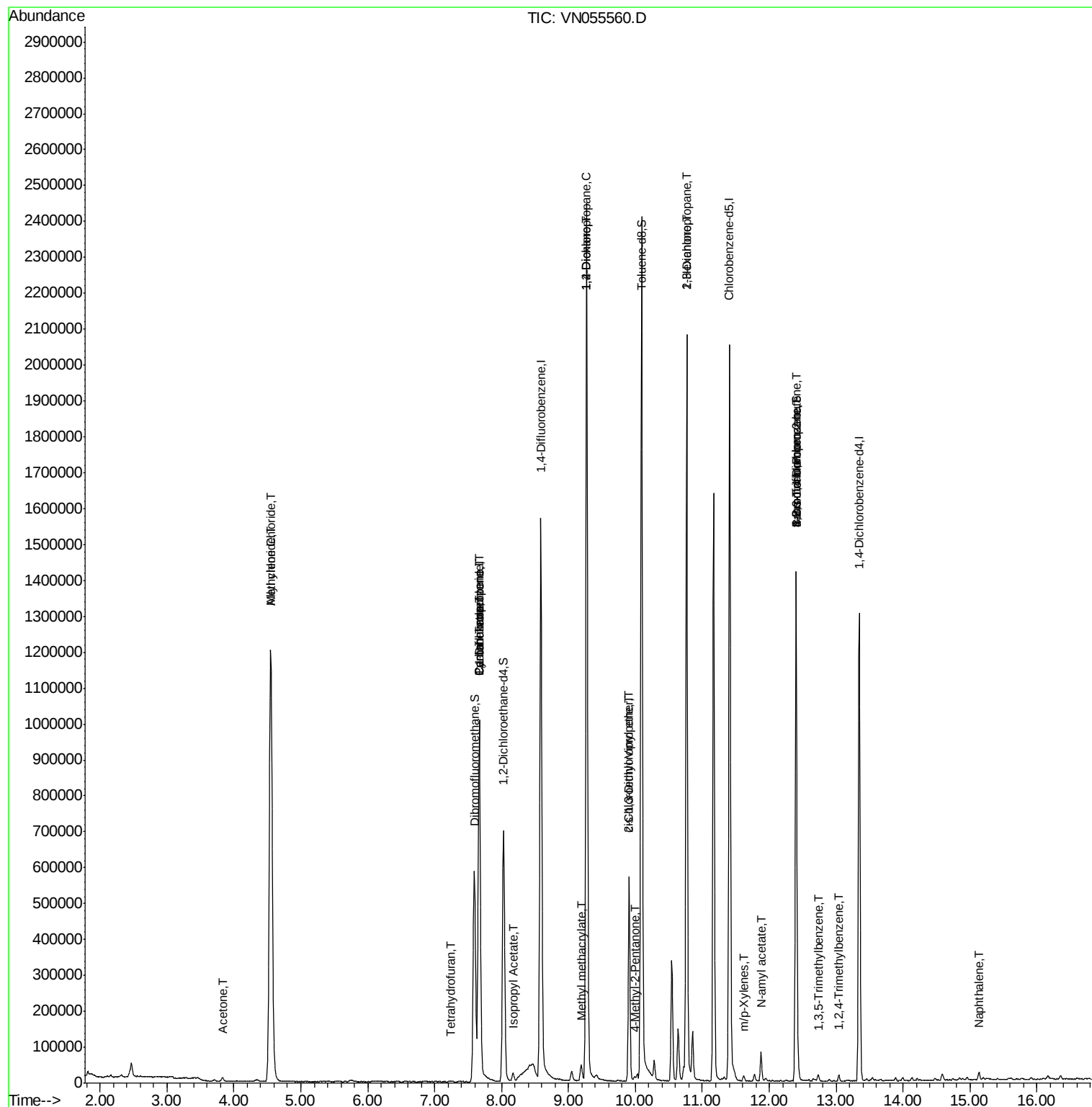
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	38724	2.043	ug/l #	29
16) Acetone	3.83	43	14262	2.416	ug/l	93
18) Methyl Acetate	4.34	43	11110	Below Cal	#	78
20) Methylene Chloride	4.55	84	904341	74.930	ug/l	98
29) Tetrahydrofuran	7.23	42	2069	0.384	ug/l #	67
31) Cyclohexane	7.67	56	17889	0.870	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	68696	4.723	ug/l #	50
38) Carbon Tetrachloride	7.66	117	80990	6.612	ug/l #	15
43) Isopropyl Acetate	8.17	43	28003	1.162	ug/l	100
45) 1,2-Dichloropropane	9.27	63	3040	0.235	ug/l #	45
48) Methyl methacrylate	9.18	41	16543	1.424	ug/l #	16
49) 1,4-Dioxane	9.27	88	317	1.400	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7627	0.481	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	100641	6.122	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	20232	1.090	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	203	12.549	ug/l #	52
59) 2-Hexanone	10.77	43	310339	27.912	ug/l #	53
68) m/p-Xylenes	11.62	106	4289	0.255	ug/l	95
71) Bromoform	12.40	173	3826	0.661	ug/l #	1
73) Isopropylbenzene	12.24	105	696	Below Cal		91
74) N-amyl acetate	11.88	43	28293	2.080	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.51	83	98	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	257821	26.431	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7891	0.275	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	257821	97.525	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.04	105	10461	0.398	ug/l	100
95) Naphthalene	15.14	128	17978	4.070	ug/l	98

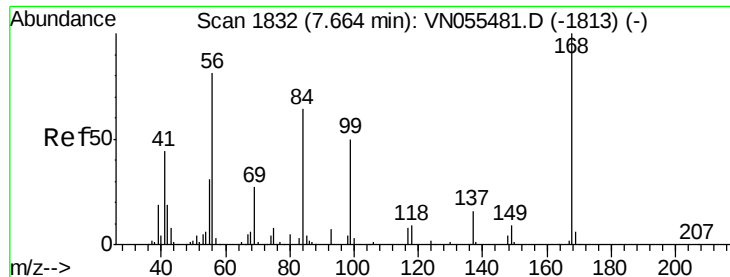
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
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QLast Update : Fri May 10 06:48:32 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: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

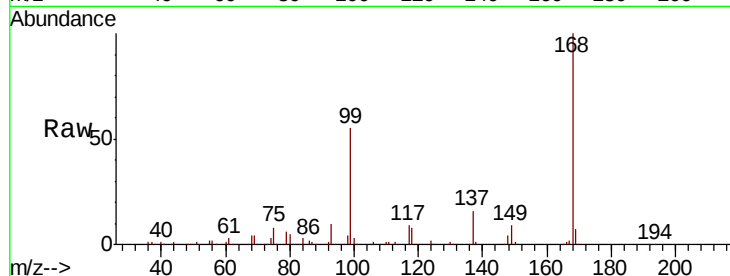
OILY-STONES

Tot Ion:168 Resp: 846606

Ion Ratio Lower Upper

168 100

99 55.5 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

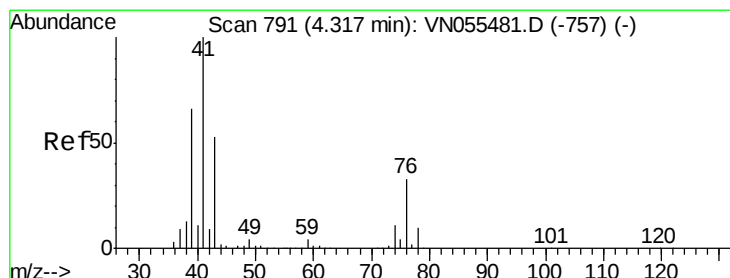
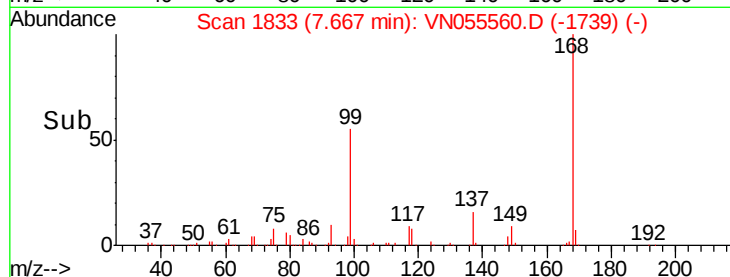
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 2.043 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.24 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

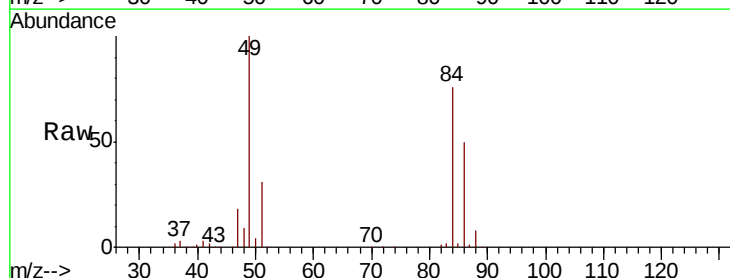
Tgt Ion: 41 Resp: 38724

Ion Ratio Lower Upper

41 100

39 1.1 49.8 74.8#

76 0.0 23.5 35.3#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.55

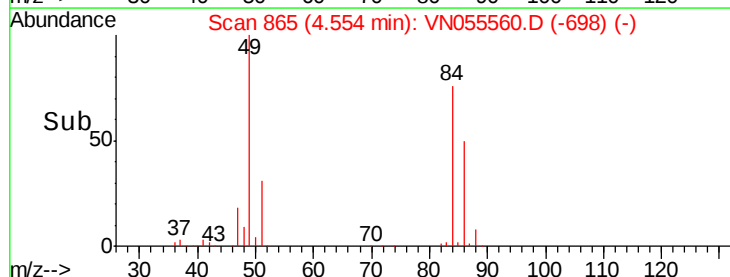
15000

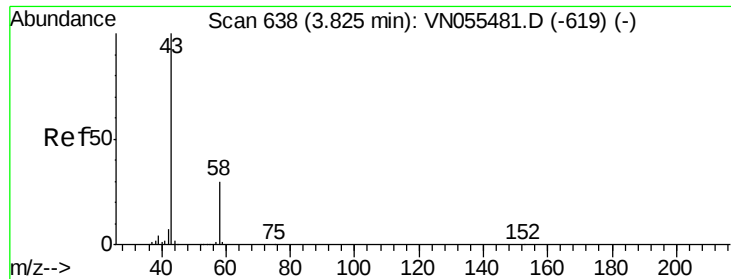
10000

5000

0

Time-->





#16

Acetone

Concen: 2.416 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.00 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

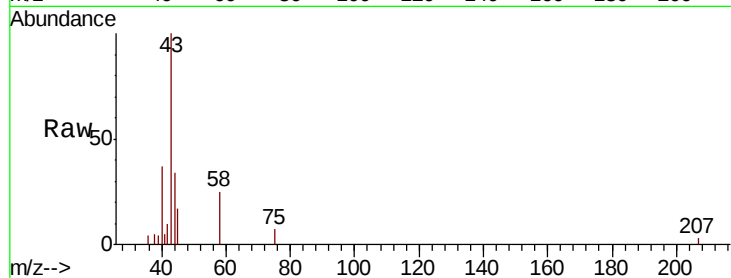
OILY-STONES

Tot Ion: 43 Resp: 14262

Ion Ratio Lower Upper

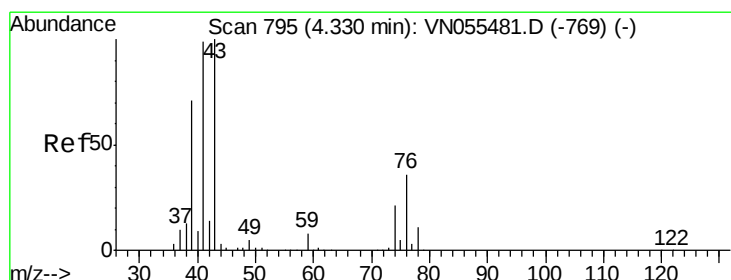
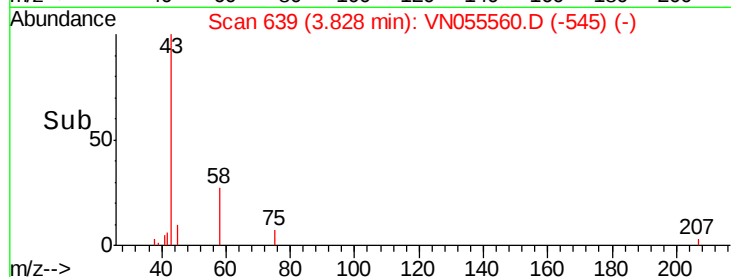
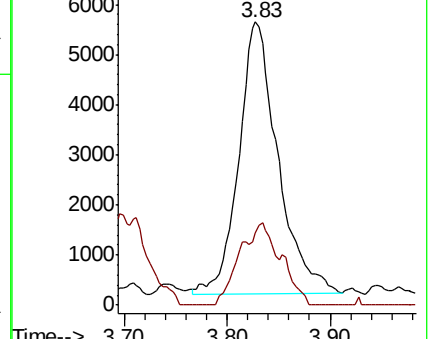
43 100

58 26.5 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN055560.D

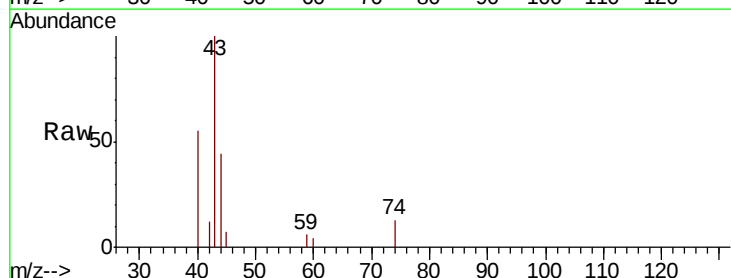
Acq: 10 May 2019 18:39

Tgt Ion: 43 Resp: 11110

Ion Ratio Lower Upper

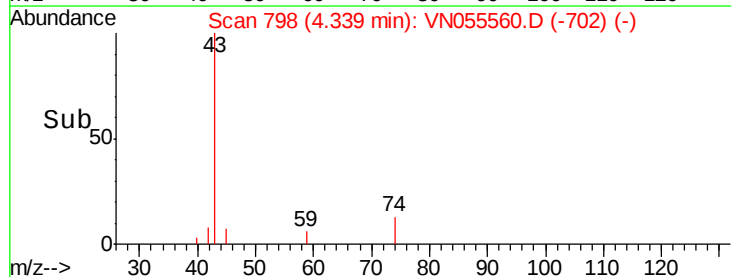
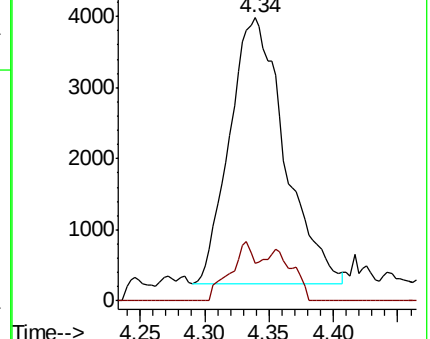
43 100

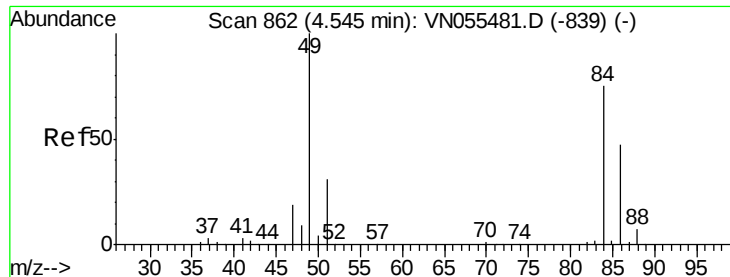
74 10.2 16.3 24.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

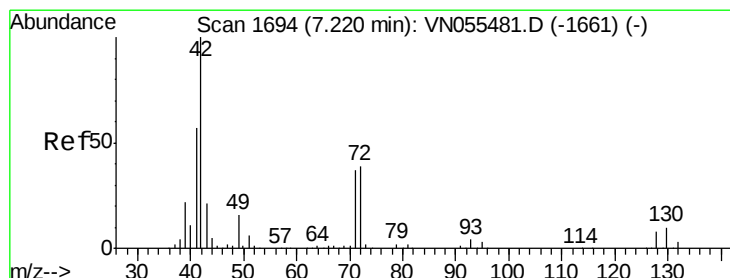
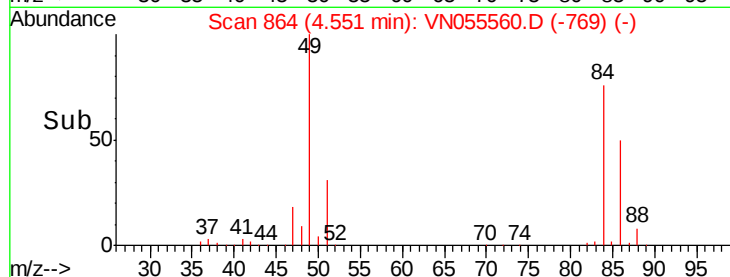
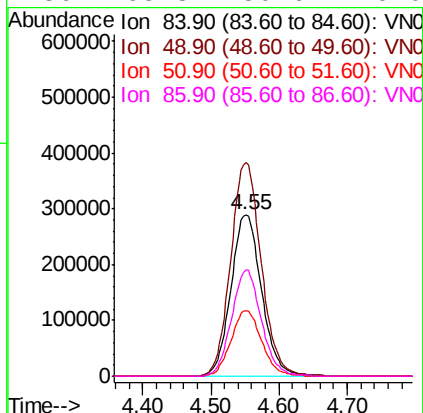
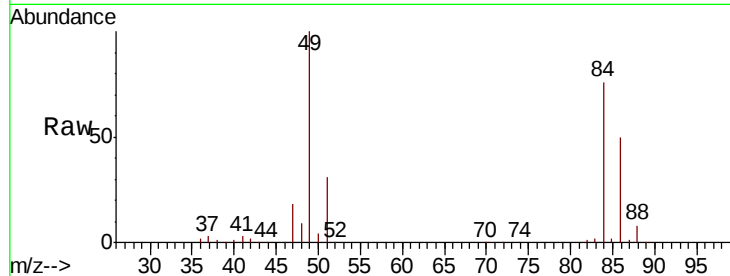




#20
Methvlene Chloride
Concen: 74.930 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

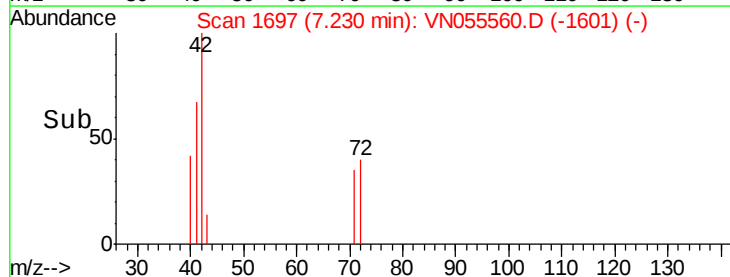
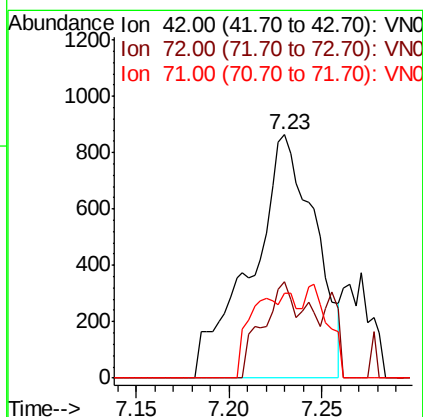
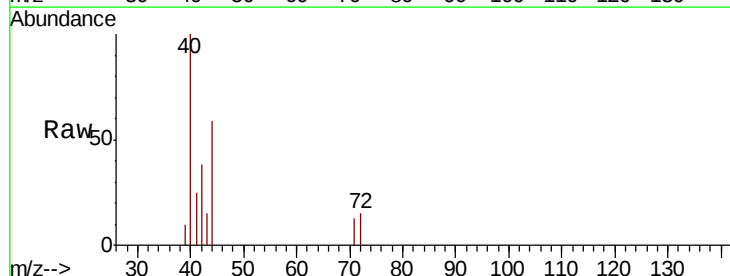
Instrument :
MSVOA_N
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OILY-STONES

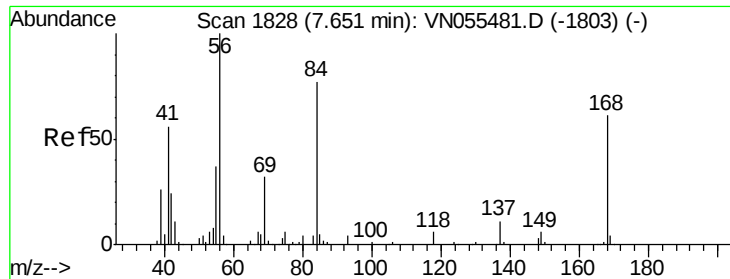
Tot Ion: 84 Resp: 904341
Ion Ratio Lower Upper
84 100
49 132.2 107.0 160.6
51 40.8 33.0 49.4
86 65.8 50.6 76.0



#29
Tetrahydrofuran
Concen: 0.384 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

Tgt Ion: 42 Resp: 2069
Ion Ratio Lower Upper
42 100
72 19.4 31.0 46.6#
71 16.1 29.4 44.2#

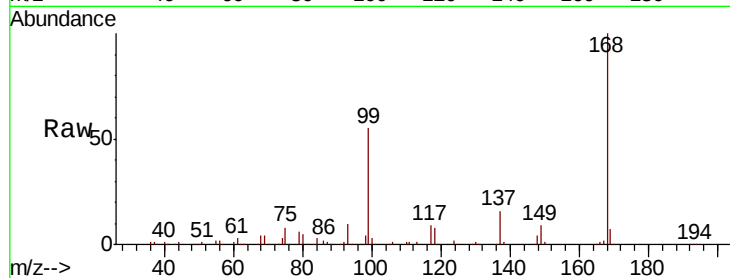




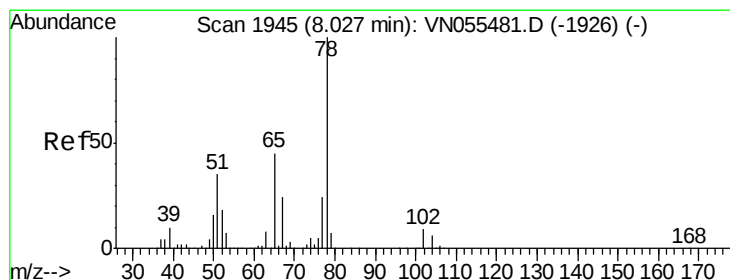
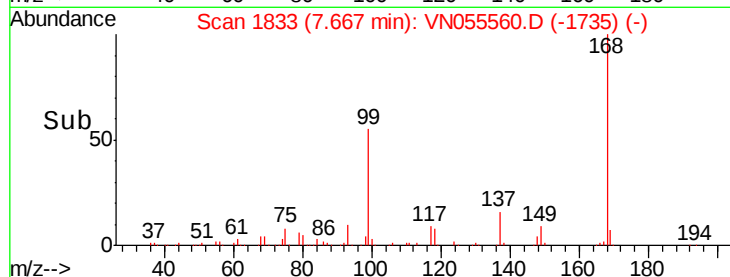
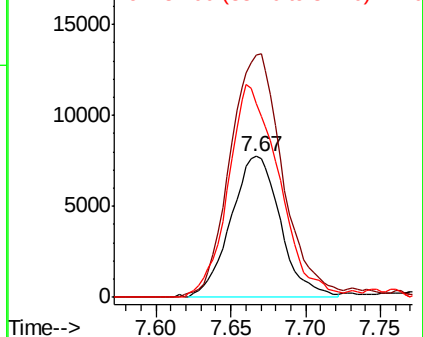
#31
Cyclohexane
Concen: 0.870 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

Tot Ion: 56 Resp: 17889
Ion Ratio Lower Upper
56 100
69 169.6 26.0 39.0#
84 134.8 61.9 92.9#

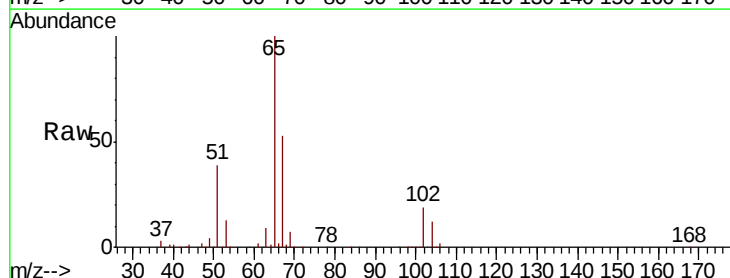


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

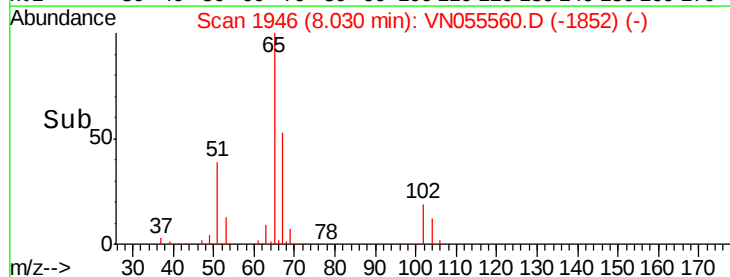
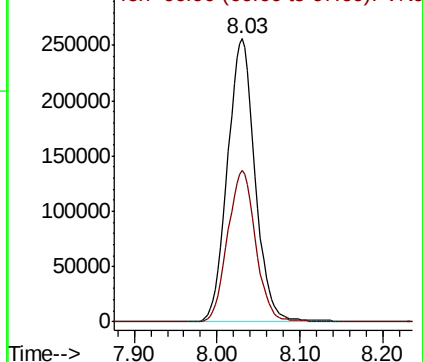


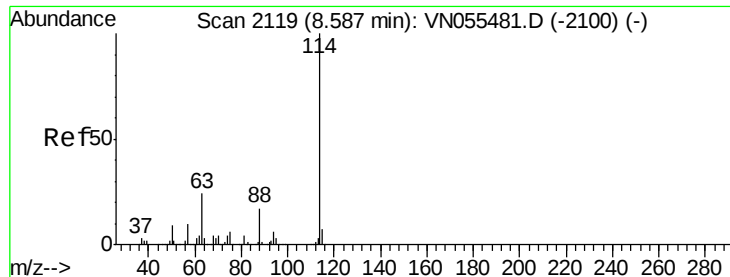
#33
1,2-Dichloroethane-d4
Concen: 46.552 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

Tgt Ion: 65 Resp: 593399
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6



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

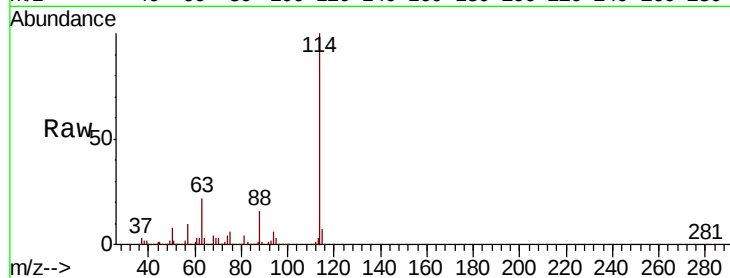




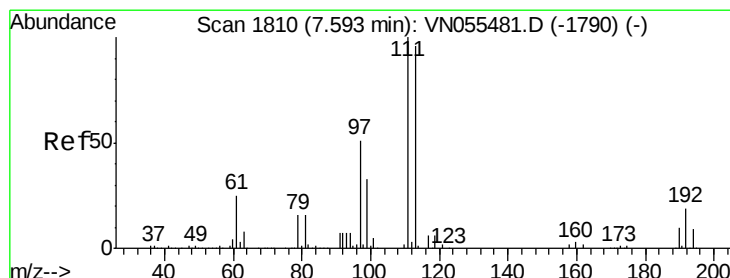
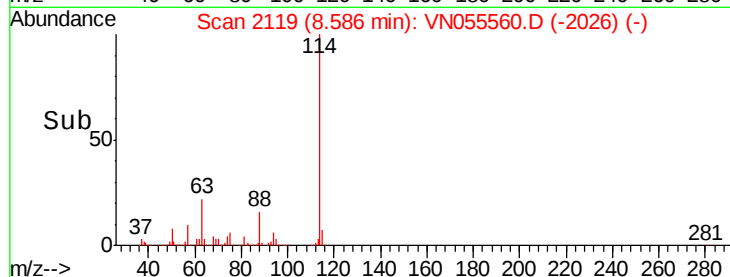
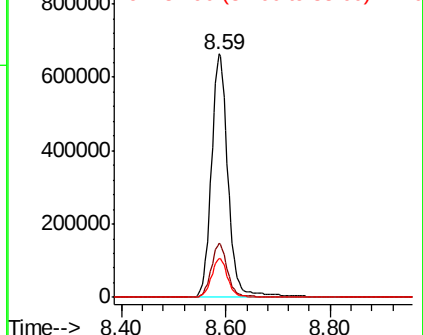
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

Instrument :
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OILY-STONES

Tot Ion:114 Resp: 1476485
Ion Ratio Lower Upper
114 100
63 22.2 0.0 47.4
88 15.9 0.0 34.0

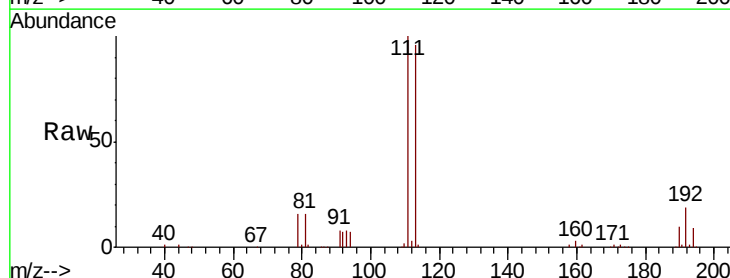


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

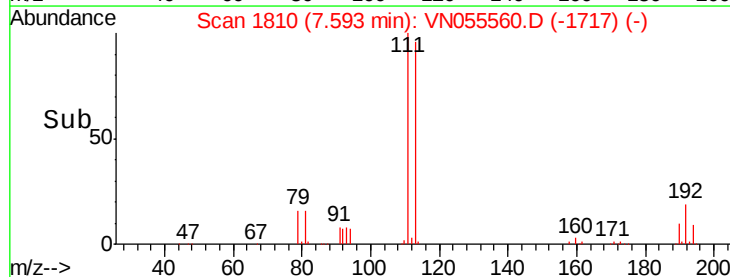
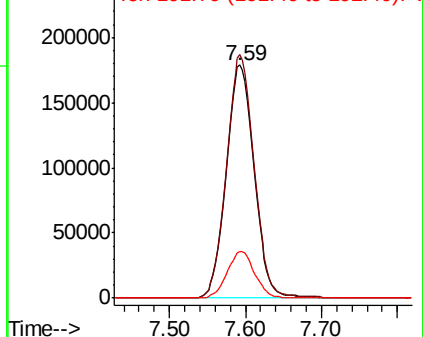


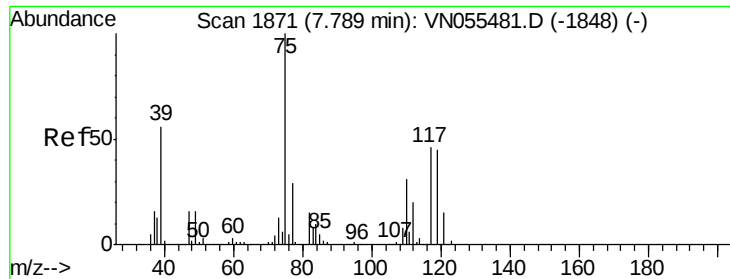
#35
Dibromofluoromethane
Concen: 48.112 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

Tgt Ion:113 Resp: 458239
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.6 15.6 23.4



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

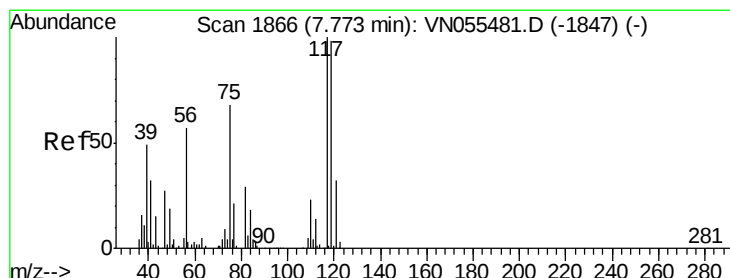
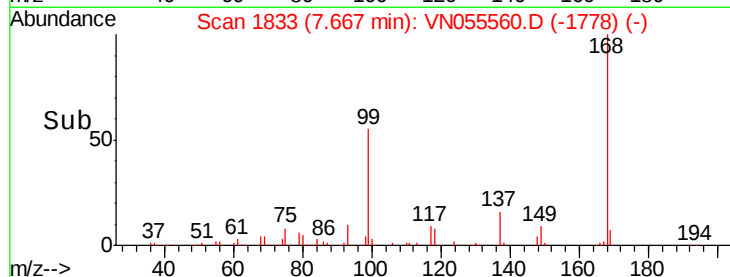
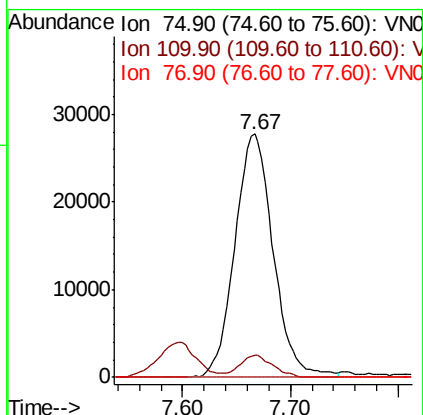
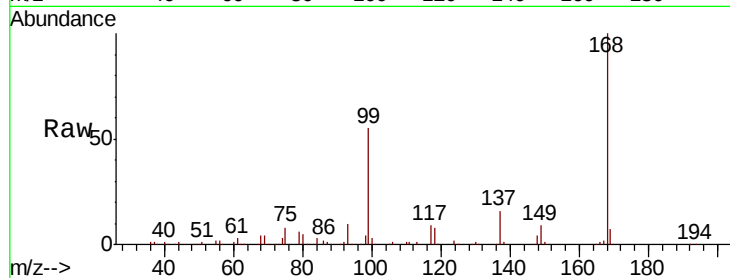




#36
 1,1-Dichloropropene
 Concen: 4.723 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN055560.D
 Acq: 10 May 2019 18:39

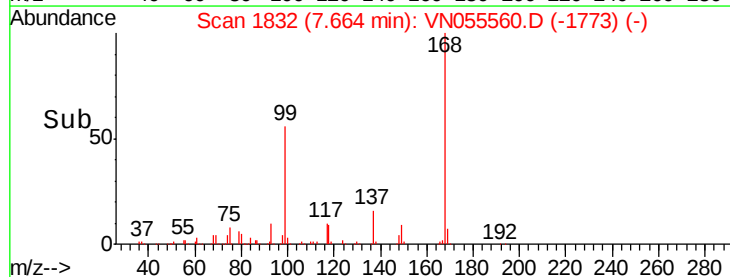
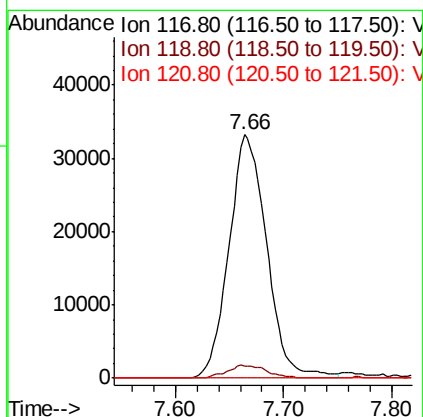
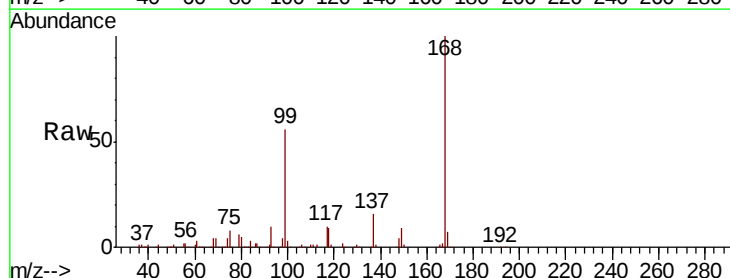
Instrument :
 MSVOA_N
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 OILY-STONES

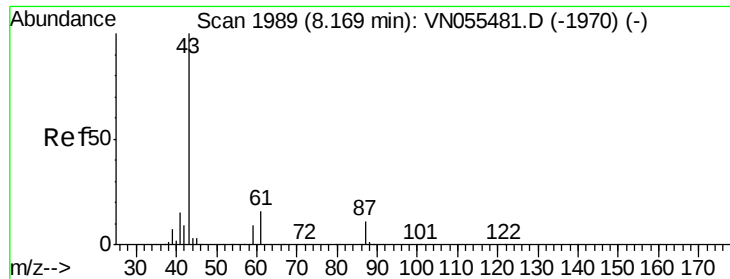
Tot Ion: 75 Resp: 68696
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.1 48.3#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.612 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055560.D
 Acq: 10 May 2019 18:39

Tgt Ion: 117 Resp: 80990
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.8 116.6#
 121 0.0 25.2 37.8#





#43

Isopropyl Acetate

Concen: 1.162 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

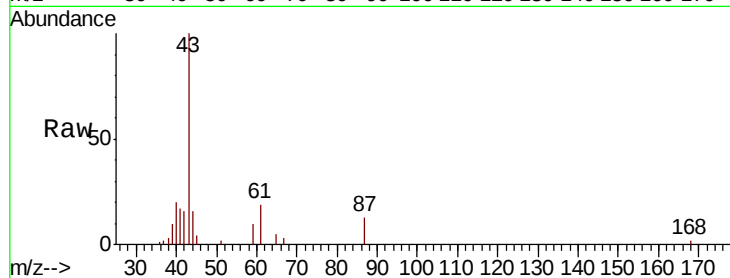
Tot Ion: 43 Resp: 28003

Ion Ratio Lower Upper

43 100

61 18.6 15.1 22.7

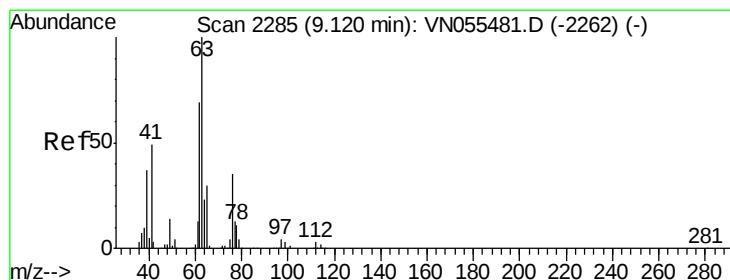
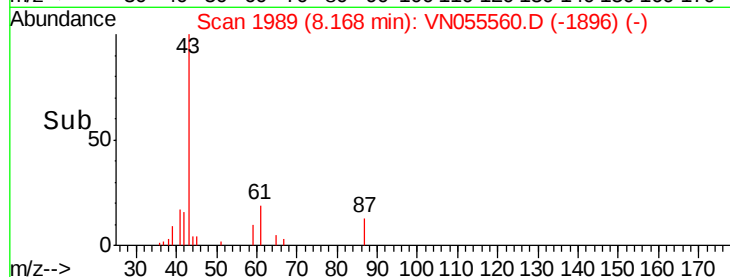
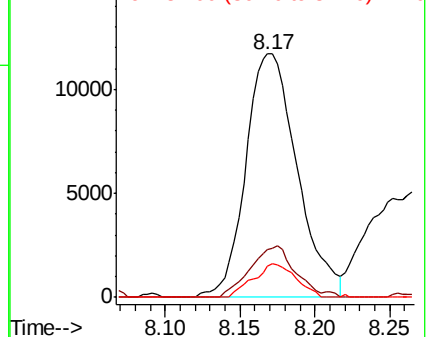
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055481.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055481.D (-1970) (-)



#45

1,2-Dichloropropane

Concen: 0.235 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055560.D

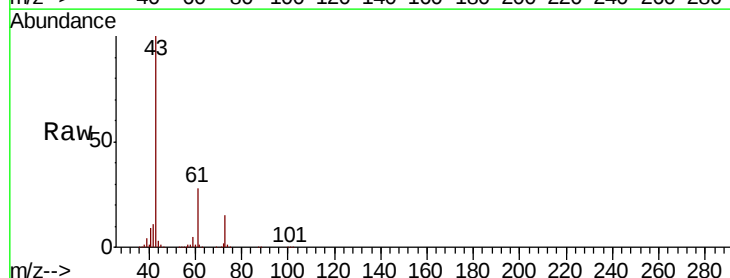
Acq: 10 May 2019 18:39

Tgt Ion: 63 Resp: 3040

Ion Ratio Lower Upper

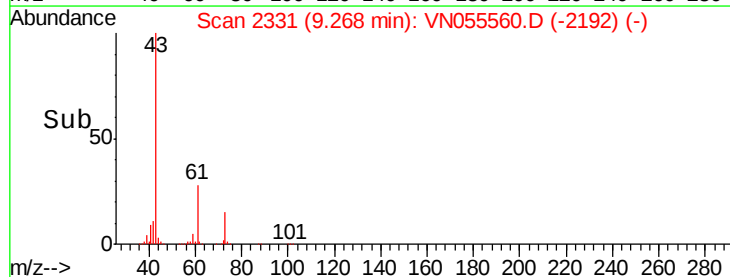
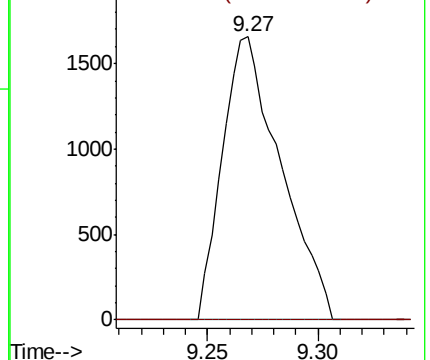
63 100

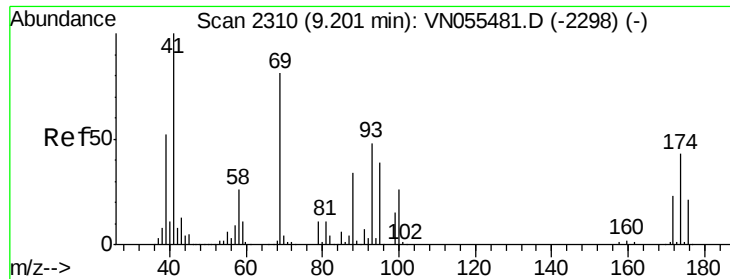
65 0.0 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VN055481.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN055481.D (-2262) (-)

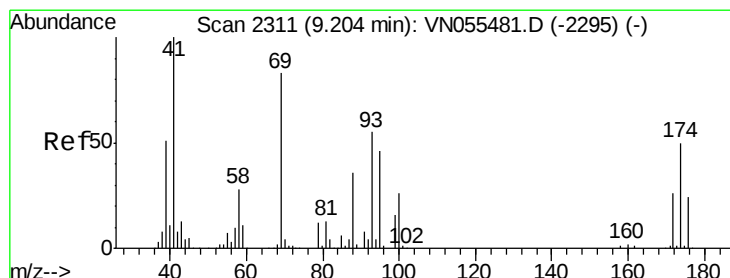
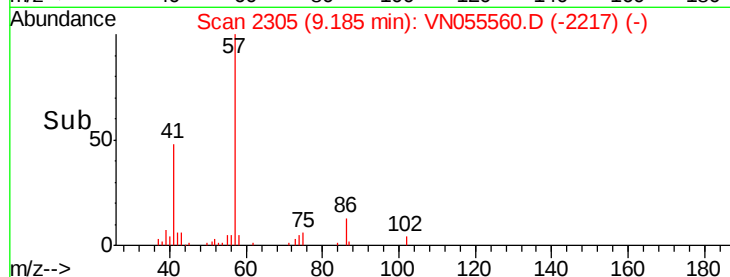
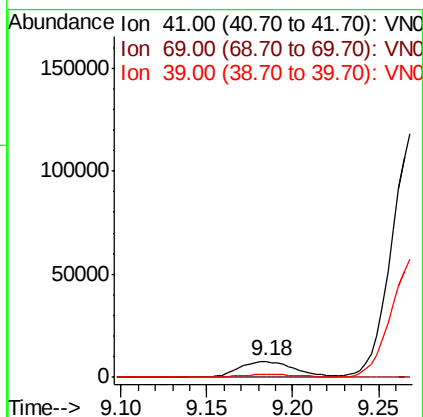
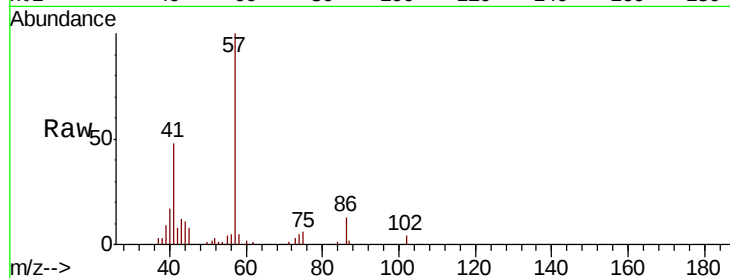




#48
Methyl methacrylate
Concen: 1.424 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

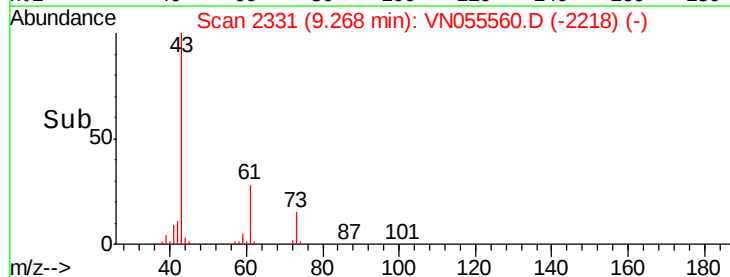
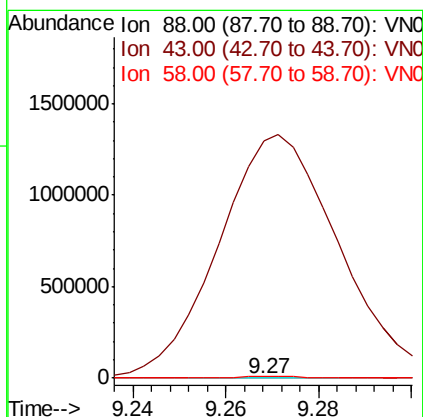
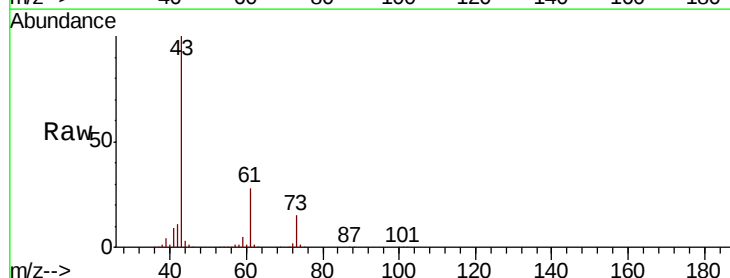
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

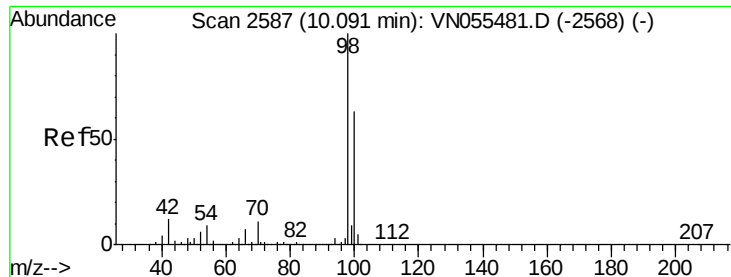
Tot Ion: 41 Resp: 16543
Ion Ratio Lower Upper
41 100
69 0.0 64.2 96.2#
39 0.0 41.6 62.4#



#49
1,4-Dioxane
Concen: 1.400 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

Tgt Ion: 88 Resp: 317
Ion Ratio Lower Upper
88 100
43 777373.8 27.8 41.8#
58 4145.1 61.8 92.6#





#50

Toluene-d8

Concen: 47.962 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

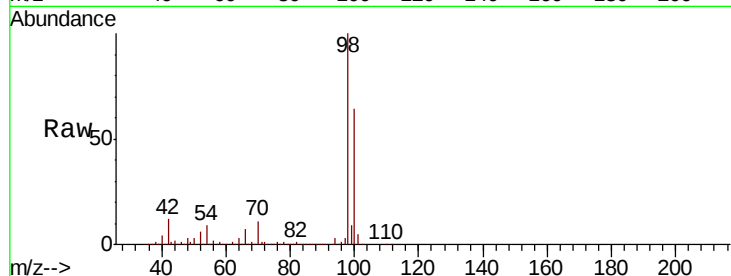
OILY-STONES

Tot Ion: 98 Resp: 1780163

Ion Ratio Lower Upper

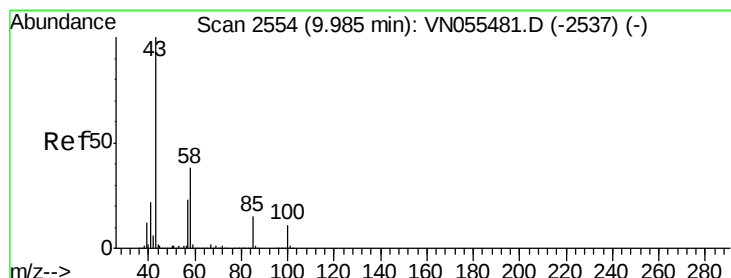
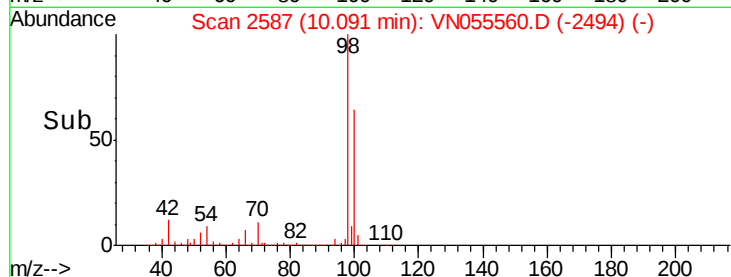
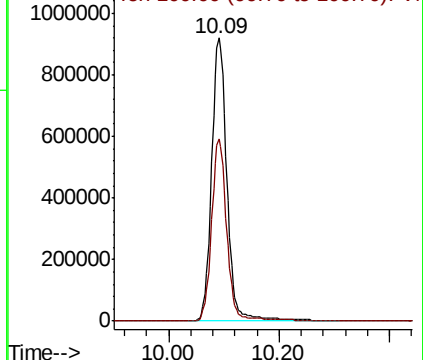
98 100

100 62.1 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055560.D

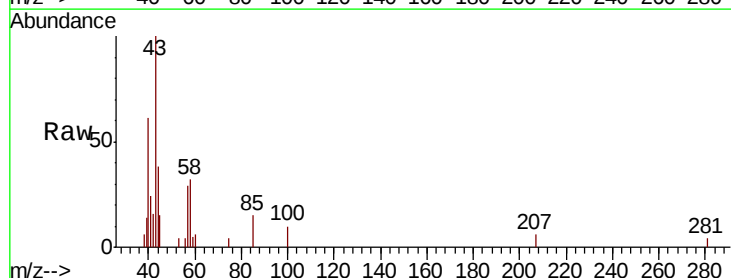
Acq: 10 May 2019 18:39

Tgt Ion: 43 Resp: 7627

Ion Ratio Lower Upper

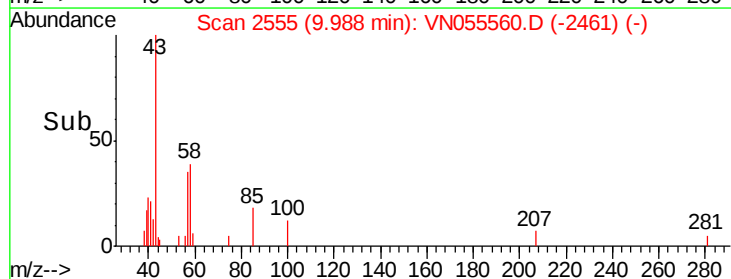
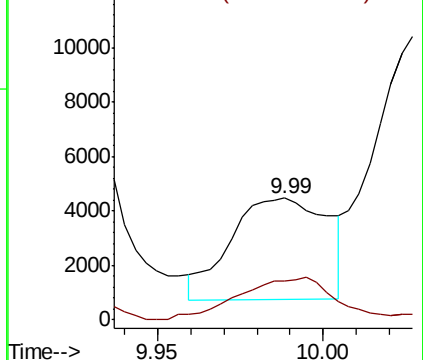
43 100

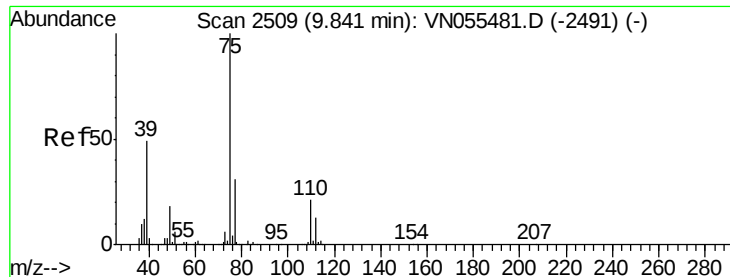
58 41.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 6.122 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

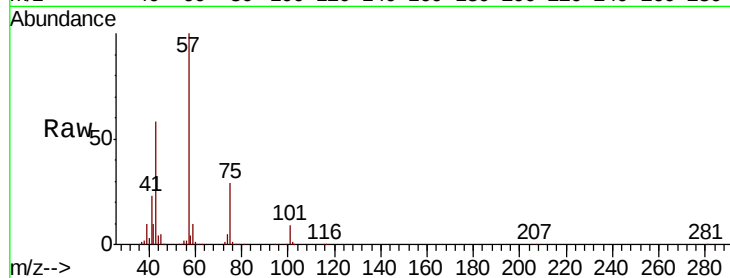
Tot Ion: 75 Resp: 100641

Ion Ratio Lower Upper

75 100

77 0.4 24.4 36.6#

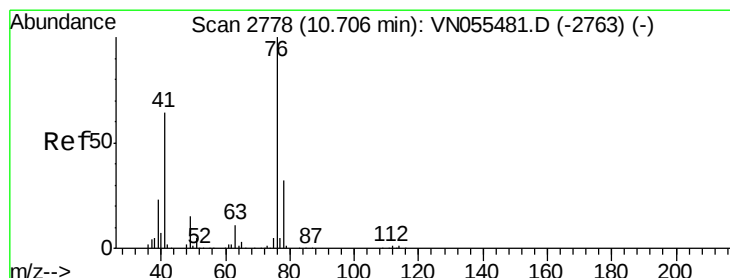
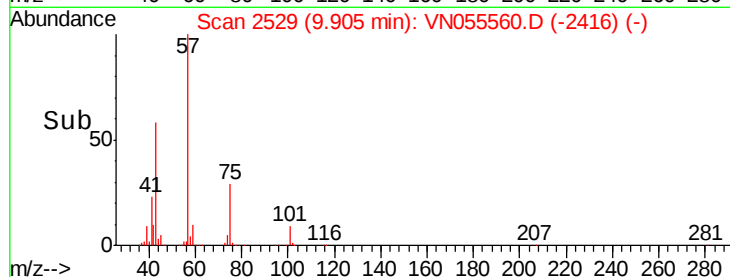
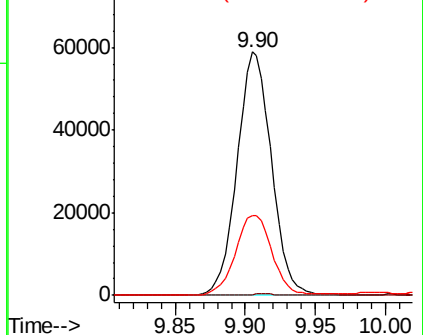
39 32.9 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.090 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055560.D

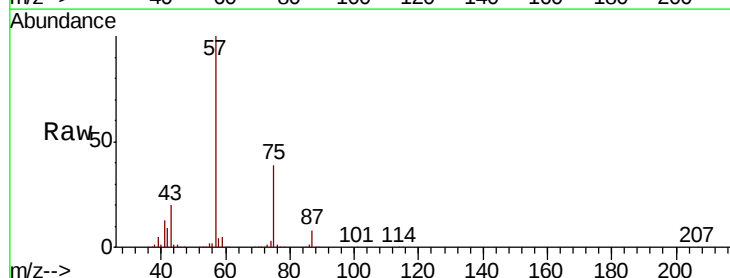
Acq: 10 May 2019 18:39

Tgt Ion: 76 Resp: 20232

Ion Ratio Lower Upper

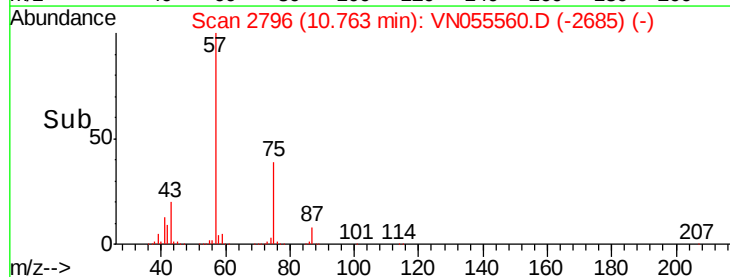
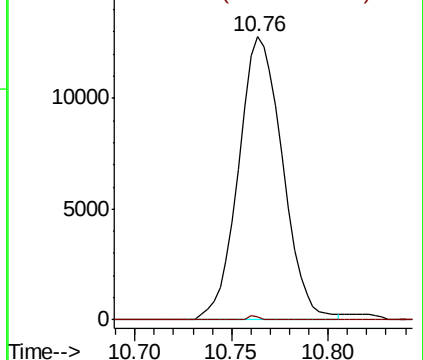
76 100

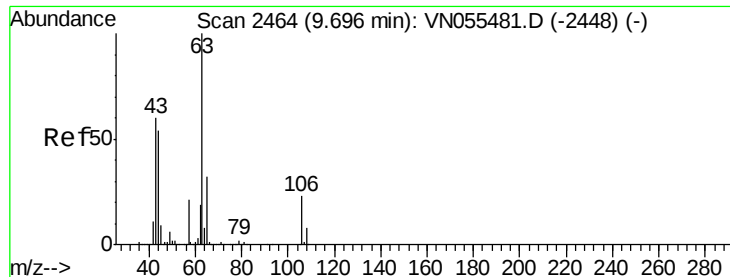
78 0.3 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 12.549 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.21 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

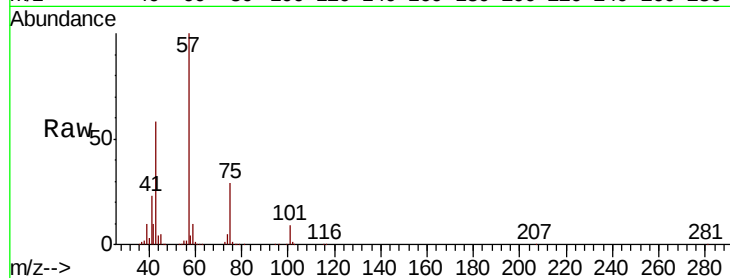
OILY-STONES

Tot Ion: 63 Resp: 203

Ion Ratio Lower Upper

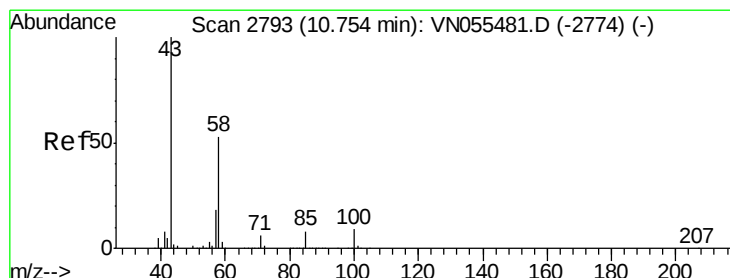
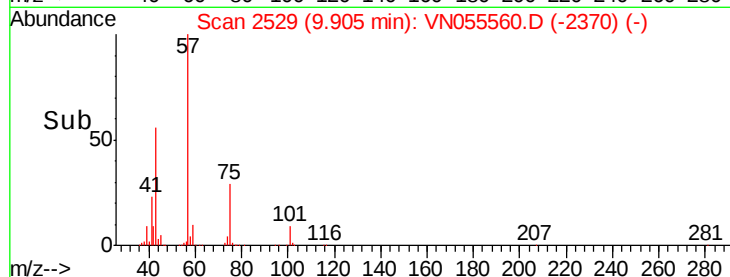
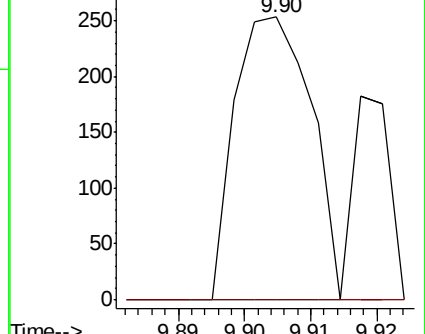
63 100

106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 27.912 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN055560.D

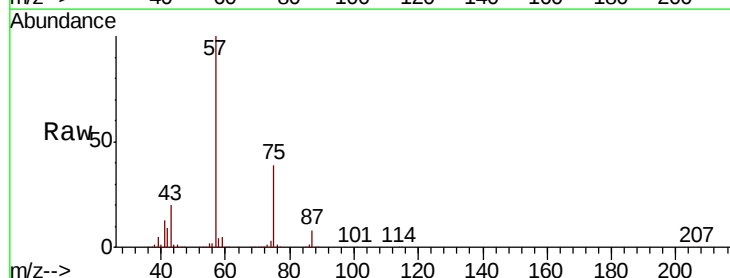
Acq: 10 May 2019 18:39

Tgt Ion: 43 Resp: 310339

Ion Ratio Lower Upper

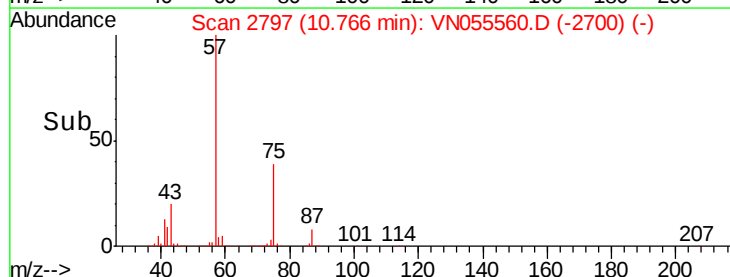
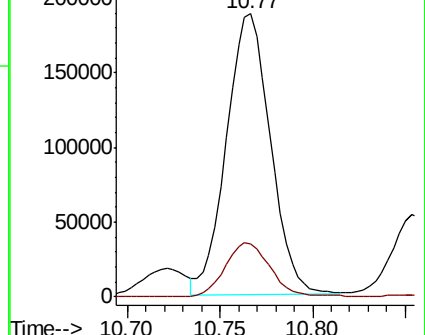
43 100

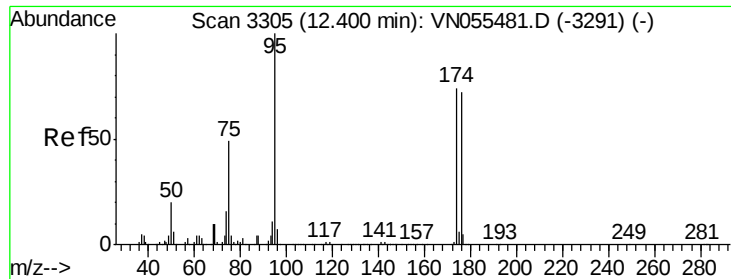
58 19.6 26.4 79.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 41.370 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

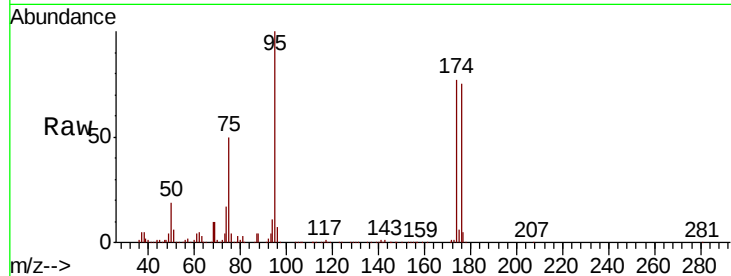
Tot Ion: 95 Resp: 517749

Ion Ratio Lower Upper

95 100

174 78.8 0.0 152.2

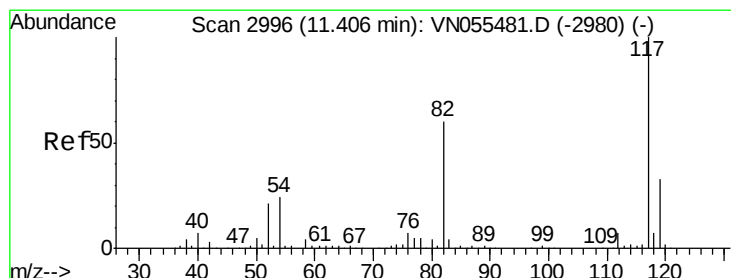
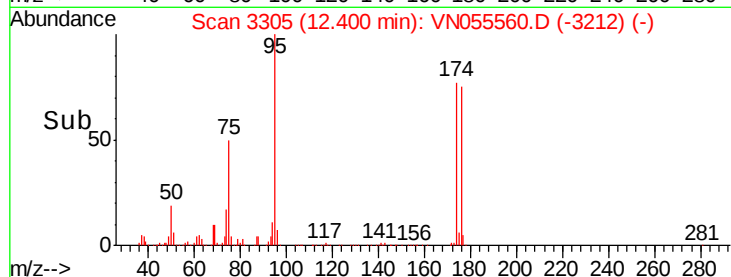
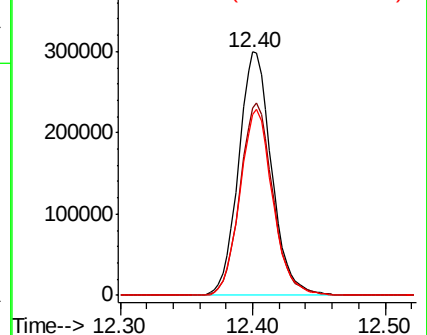
176 76.0 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

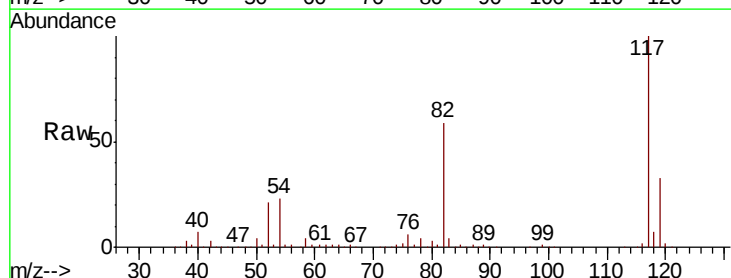
Tgt Ion: 117 Resp: 1211800

Ion Ratio Lower Upper

117 100

82 59.3 48.0 72.0

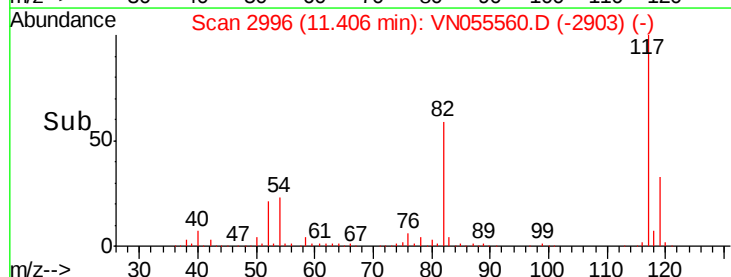
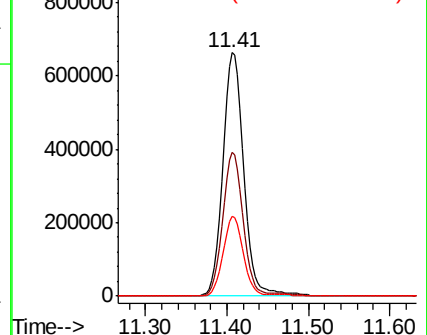
119 32.7 26.0 39.0

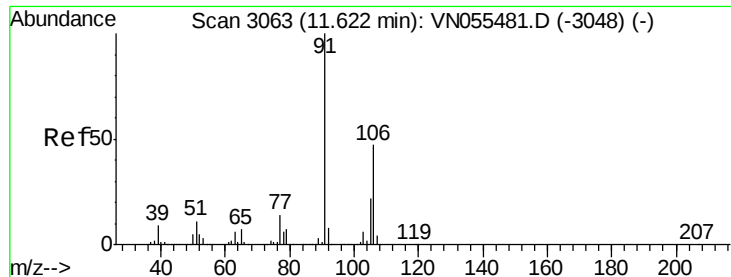


Abundance Ion 116.90 (116.60 to 117.60): VN055481.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055481.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055481.D (-2980) (-)

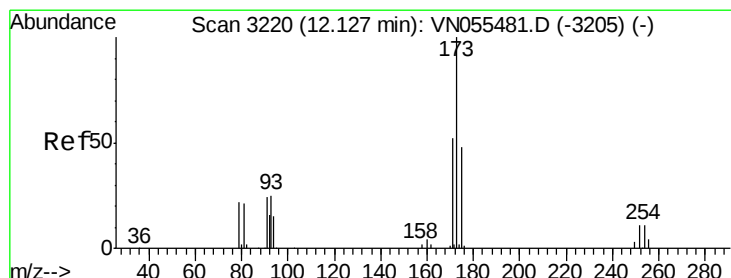
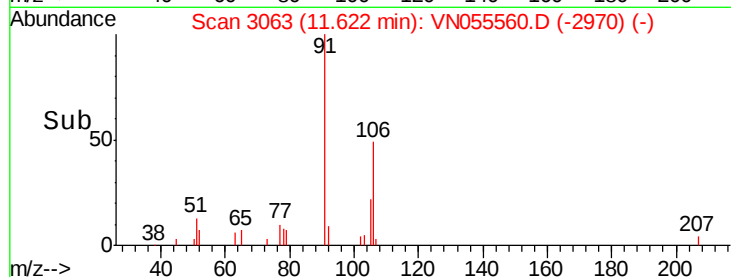
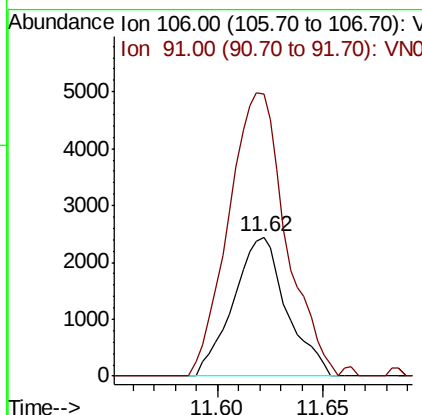
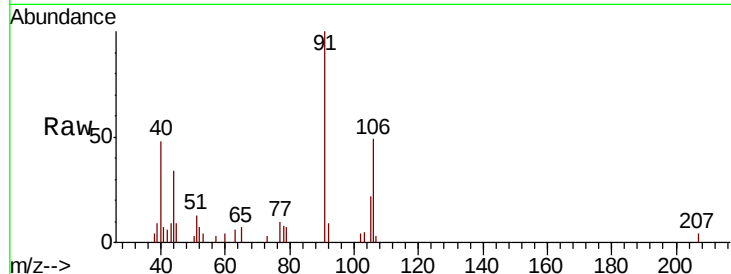




#68
m/p-Xvlenes
Concen: 0.255 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

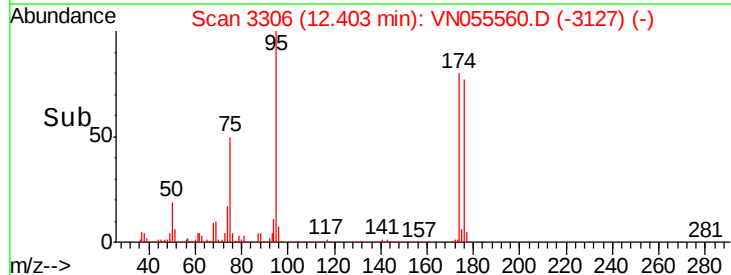
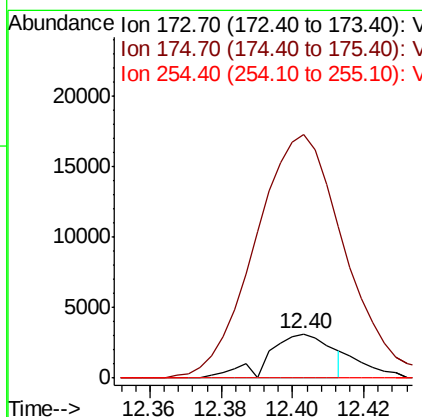
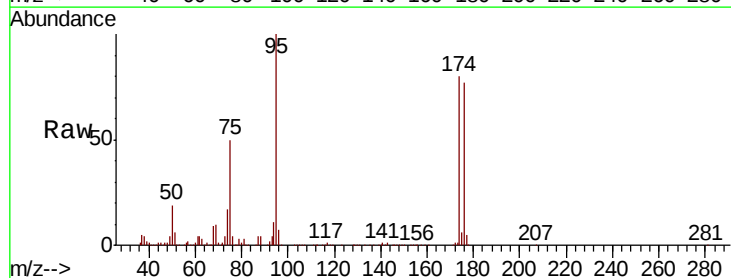
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

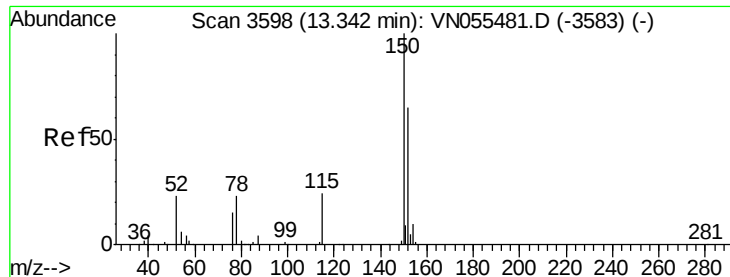
Tot Ion:106 Resp: 4289
Ion Ratio Lower Upper
106 100
91 220.0 169.2 253.8



#71
Bromoform
Concen: 0.661 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055560.D
Acq: 10 May 2019 18:39

Tgt Ion:173 Resp: 3826
Ion Ratio Lower Upper
173 100
175 661.9 24.1 72.4#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

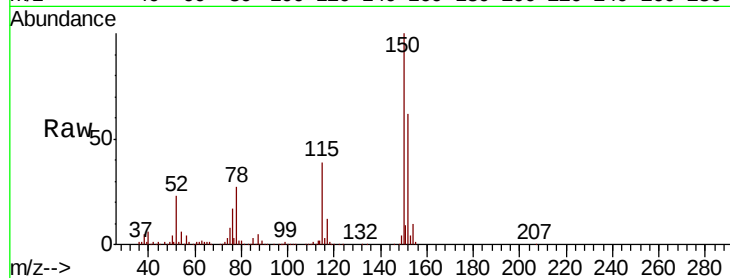
Tot Ion:152 Resp: 358318

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.5

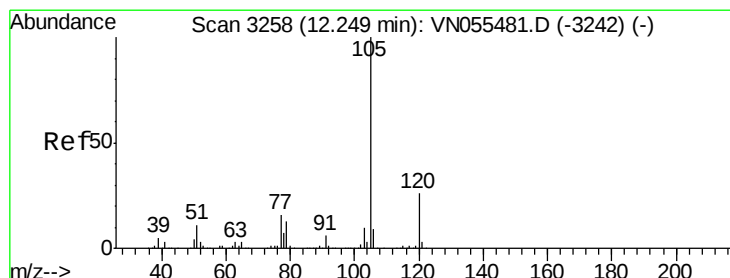
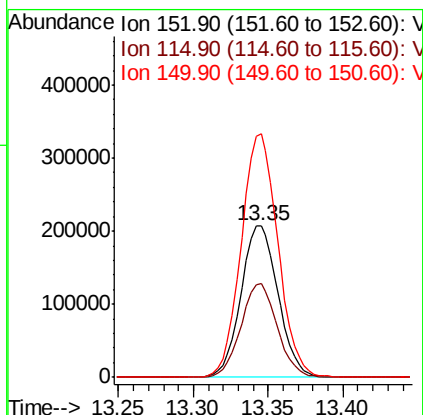
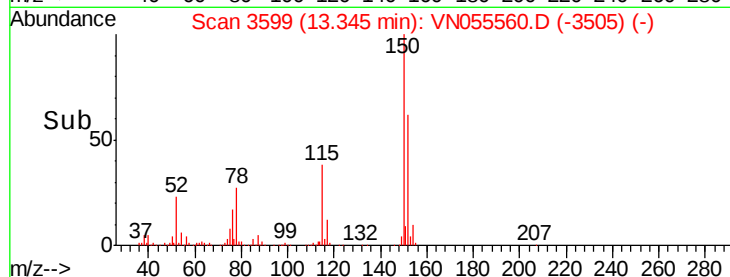
150 158.9 0.0 355.0



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3255

Delta R.T. -0.01 min

Lab File: VN055560.D

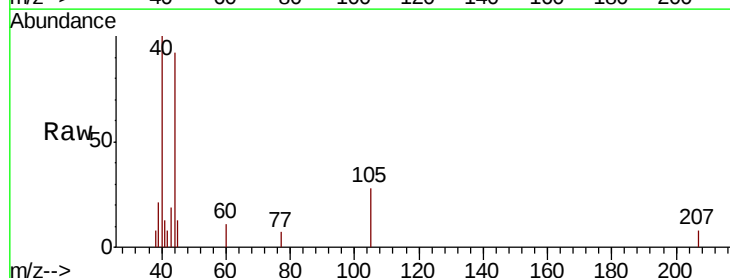
Acq: 10 May 2019 18:39

Tgt Ion:105 Resp: 696

Ion Ratio Lower Upper

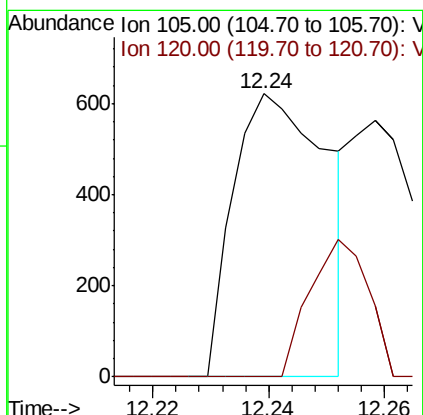
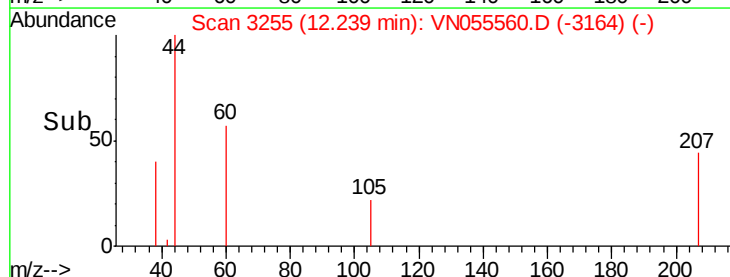
105 100

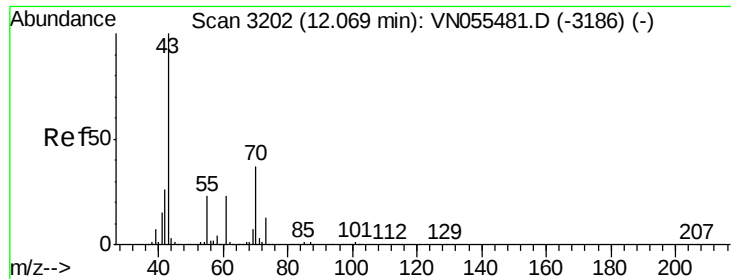
120 30.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.080 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

OILY-STONES

Tot Ion: 43 Resp: 28293

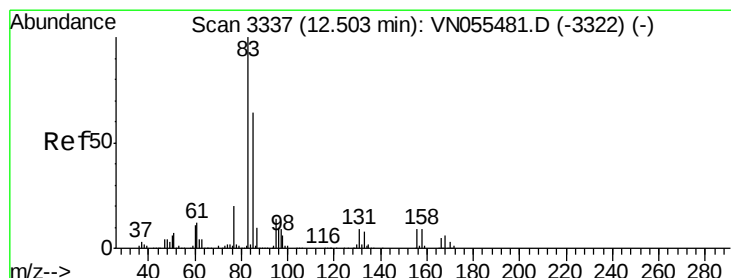
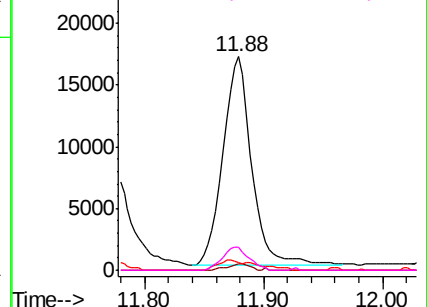
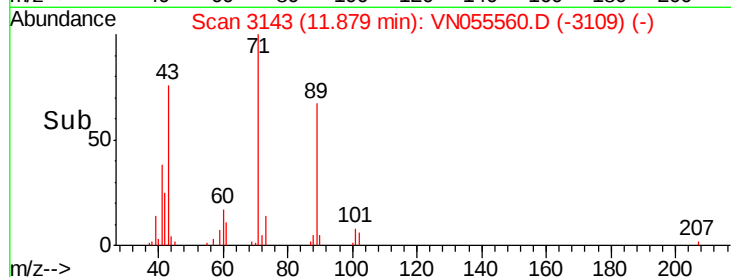
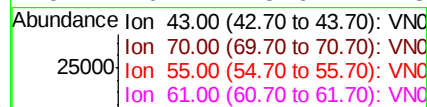
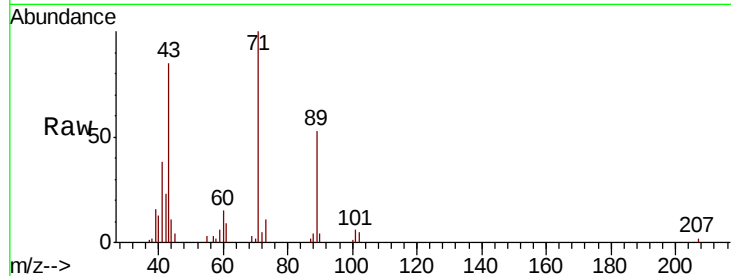
Ion Ratio Lower Upper

43 100

70 2.3 30.7 46.1#

55 3.9 19.3 28.9#

61 10.2 18.6 27.8#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

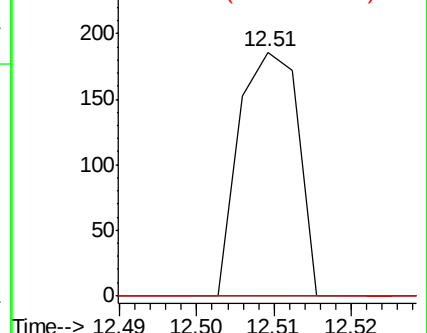
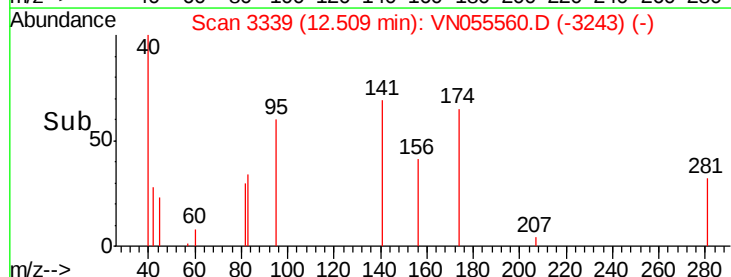
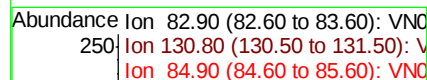
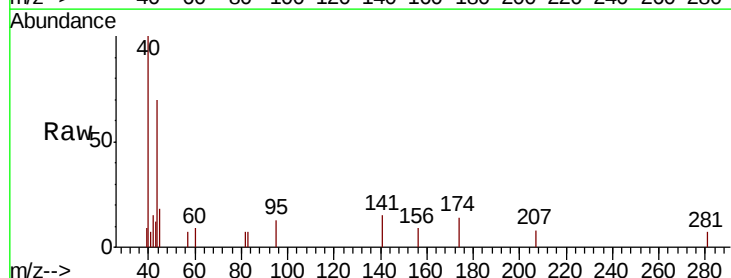
Tgt Ion: 83 Resp: 98

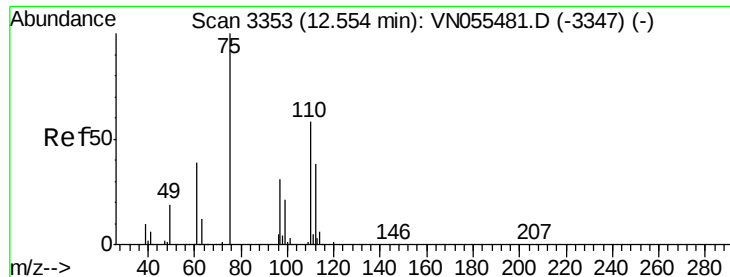
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 26.431 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

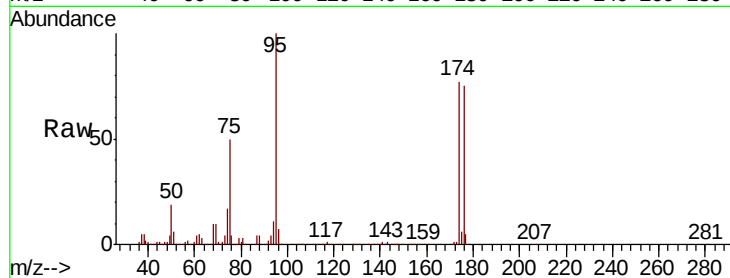
OILY-STONES

Tot Ion: 75 Resp: 257821

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055481.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055481.D (-3347) (-)

12.40

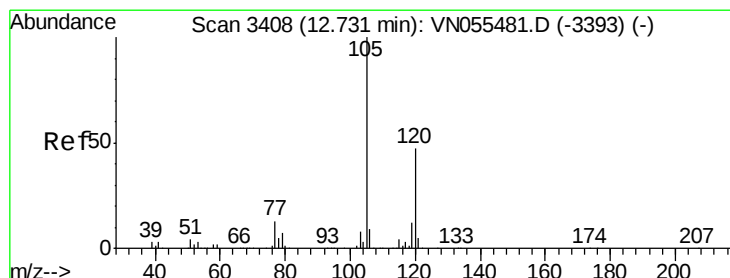
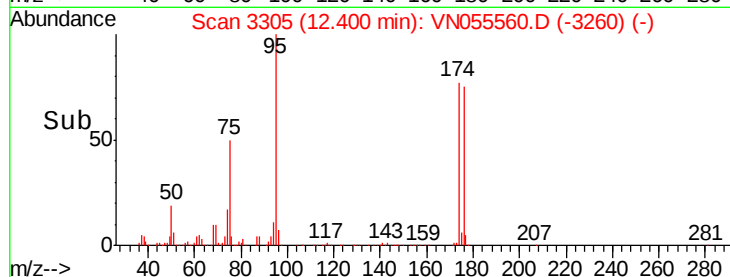
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.275 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055560.D

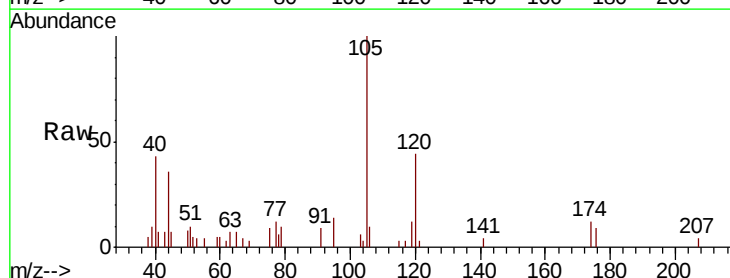
Acq: 10 May 2019 18:39

Tgt Ion: 105 Resp: 7891

Ion Ratio Lower Upper

105 100

120 50.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055481.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN055481.D (-3393) (-)

12.73

6000

5000

4000

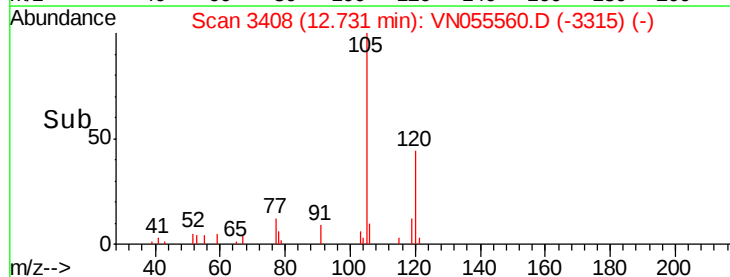
3000

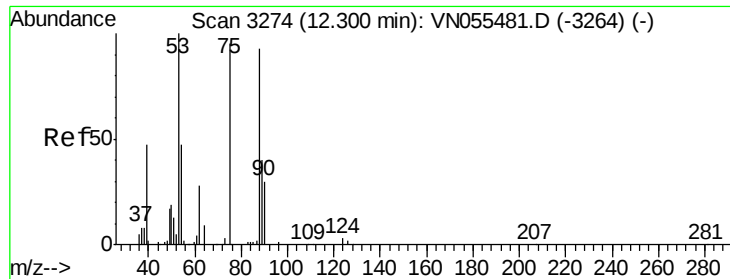
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 97.525 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

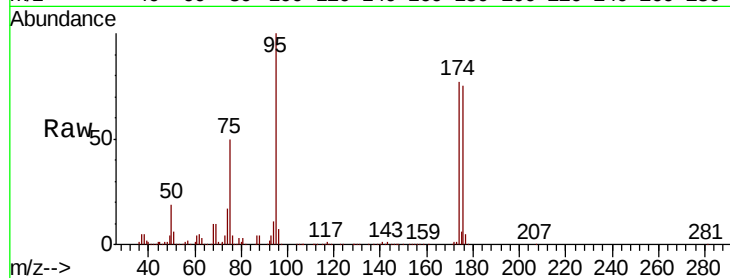
Tot Ion: 75 Resp: 257821

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

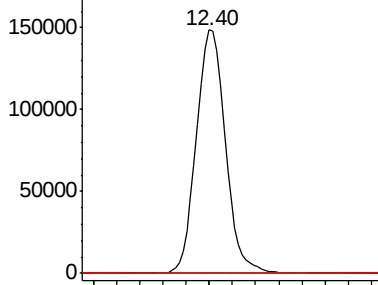
89 0.0 35.7 53.5#



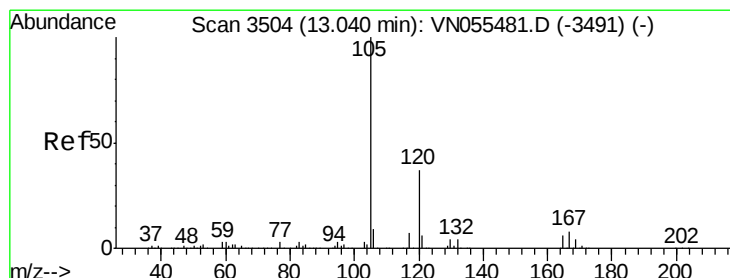
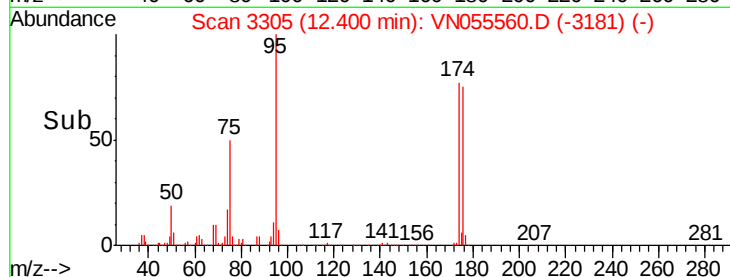
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time--> 12.30 12.40 12.50



#84

1,2,4-Trimethylbenzene

Concen: 0.398 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN055560.D

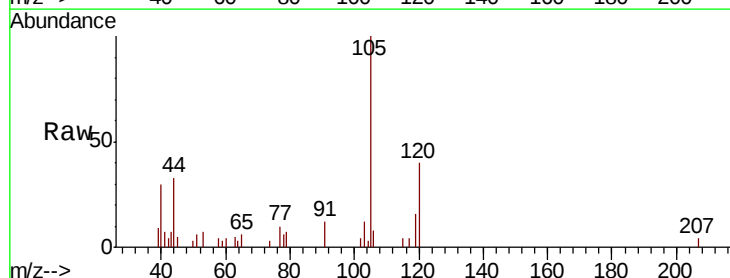
Acq: 10 May 2019 18:39

Tgt Ion: 105 Resp: 10461

Ion Ratio Lower Upper

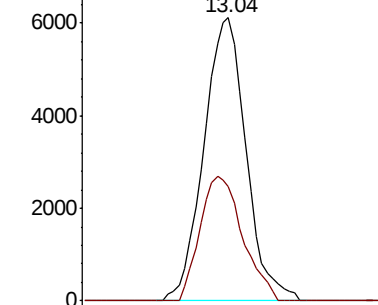
105 100

120 44.4 22.1 66.5

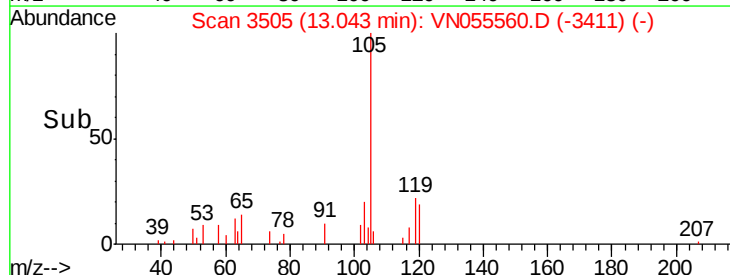


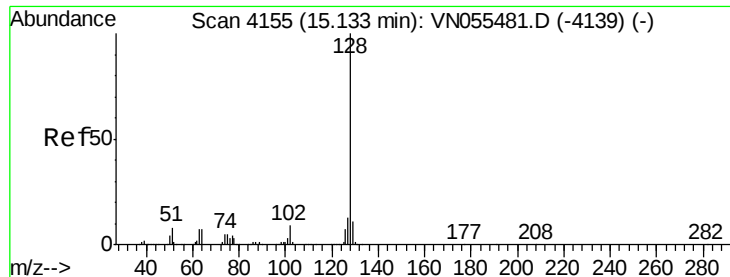
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 13.00 13.05 13.10





#95

Naphthalene

Concen: 4.070 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN055560.D

Acq: 10 May 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

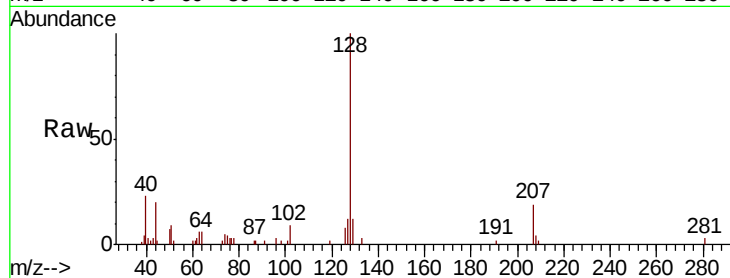
Tot Ion:128 Resp: 17978

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.1 8.8 13.2



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

