

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055342.D
 Acq On : 2 May 2019 11:37
 Operator : JC/SP
 Sample : K2654-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

Quant Time: May 03 01:51:46 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	323137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	559328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169280	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	233654	55.27	ug/l	0.00
Spiked Amount			Recovery	=	110.54%	
35) Dibromofluoromethane	7.59	113	187849	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
50) Toluene-d8	10.09	98	701233	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.40	95	226366	54.64	ug/l	0.00
Spiked Amount			Recovery	=	109.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	117	0.483	ug/l #	73
14) Allyl chloride	4.55	41	14702	2.224	ug/l #	27
16) Acetone	3.83	43	18132	13.766	ug/l	100
18) Methyl Acetate	4.34	43	2921	Below Cal	#	89
20) Methylene Chloride	4.55	84	288287	71.704	ug/l	98
25) 2-Butanone	6.85	43	5347	3.174	ug/l #	89
29) Tetrahydrofuran	7.22	42	1064	0.986	ug/l #	70
30) Chloroform	7.37	83	5545	0.836	ug/l	98
31) Cyclohexane	7.67	56	7320	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24810	4.631	ug/l #	51
38) Carbon Tetrachloride	7.67	117	30042	5.813	ug/l #	16
41) Methacrylonitrile	7.21	41	410	0.922	ug/l #	30
43) Isopropyl Acetate	8.17	43	15353	2.327	ug/l #	86
45) 1,2-Dichloropropane	9.27	63	1127	0.247	ug/l #	45
47) Bromodichloromethane	9.41	83	1446	0.271	ug/l #	78
48) Methyl methacrylate	9.18	41	7402	2.282	ug/l #	36
51) 4-Methyl-2-Pentanone	9.98	43	4450	1.198	ug/l	100
52) Toluene	10.16	92	2609	0.288	ug/l	86
54) cis-1,3-Dichloropropene	9.90	75	45548	7.878	ug/l #	68
56) Ethyl methacrylate	10.54	69	969	0.234	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	6588	1.116	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	70	12.457	ug/l #	52
59) 2-Hexanone	10.76	43	114909	49.433	ug/l #	54
67) Ethyl Benzene	11.51	91	37051	2.009	ug/l	98
68) m/p-Xylenes	11.62	106	62048	9.427	ug/l	98
69) o-Xylene	11.95	106	26569	4.073	ug/l	97
70) Styrene	11.96	104	3144	0.314	ug/l #	1
71) Bromoform	12.40	173	2149	0.969	ug/l #	1
73) Isopropylbenzene	12.25	105	2301	Below Cal		97
74) N-amyl acetate	12.03	43	1763	0.406	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.40	83	31	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	117937	36.818	ug/l #	100
78) n-propylbenzene	12.59	91	10174	0.585	ug/l	96
79) 2-Chlorotoluene	12.65	91	6225	Below Cal	#	42

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055342.D
 Acq On : 2 May 2019 11:37
 Operator : JC/SP
 Sample : K2654-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

Quant Time: May 03 01:51:46 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

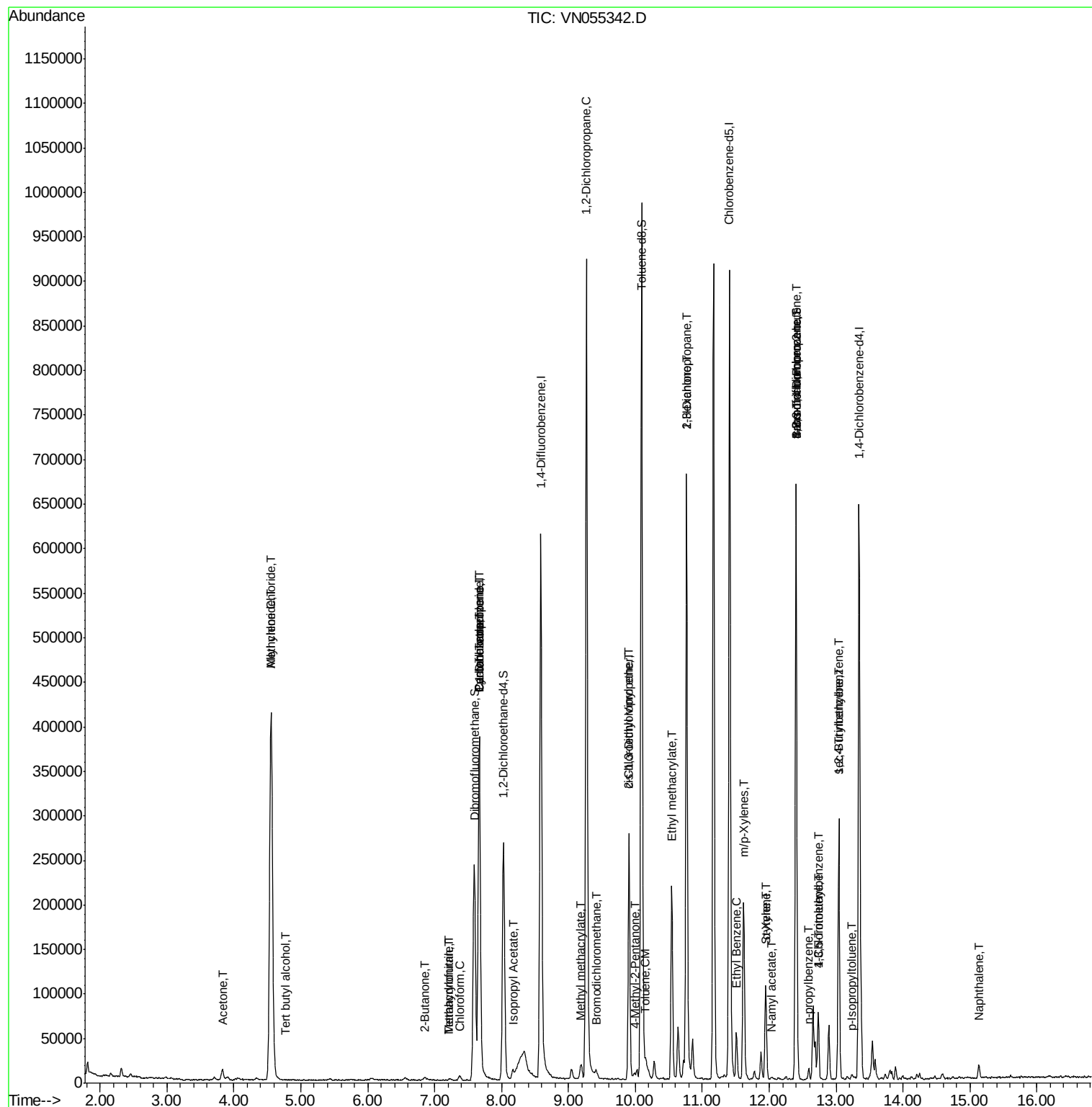
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	37848	2.852	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	117937	132.029	ug/l #	7
82) 4-Chlorotoluene	12.74	91	4611	0.456	ug/l #	42
83) tert-Butylbenzene	13.04	119	20866	Below Cal	#	69
84) 1,2,4-Trimethylbenzene	13.04	105	164070	13.824	ug/l	100
85) sec-Butylbenzene	13.04	105	164070	11.375	ug/l #	58
86) p-Isopropyltoluene	13.23	119	3160	0.267	ug/l	94
90) Hexachloroethane	13.89	117	1050	Below Cal	#	7
95) Naphthalene	15.14	128	12232	5.755	ug/l	99

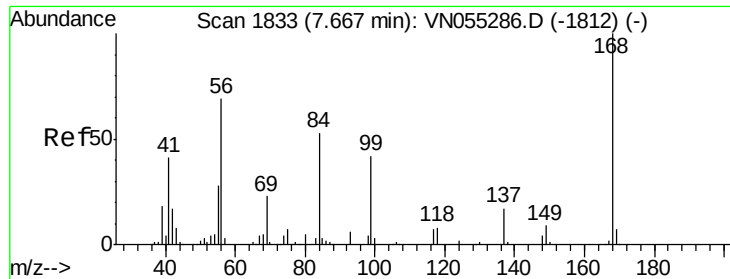
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055342.D
Acq On : 2 May 2019 11:37
Operator : JC/SP
Sample : K2654-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

Quant Time: May 03 01:51:46 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: VN055342.D

Acq: 2 May 2019 11:37

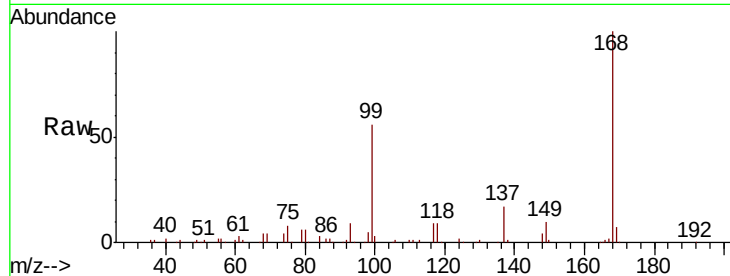
Instrument :
MSVOA_N
ClientSampled :
OILY-STONES

Tot Ion:168 Resp: 323137

Ion Ratio Lower Upper

168 100

99 56.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

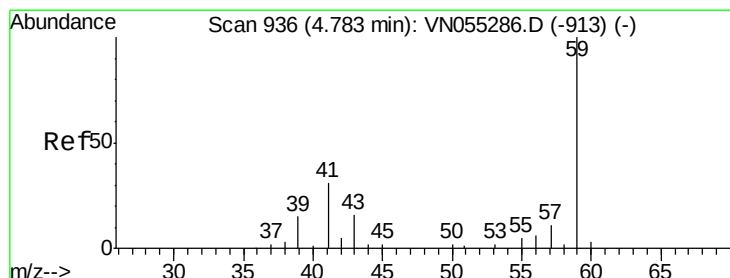
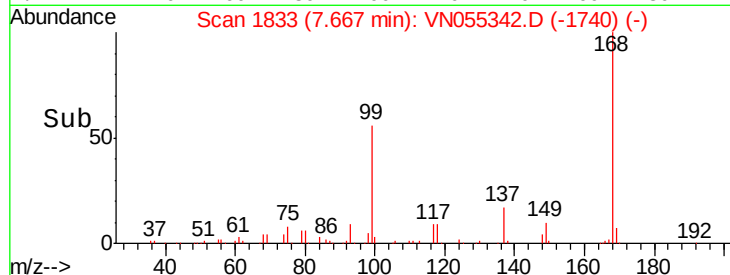
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.483 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN055342.D

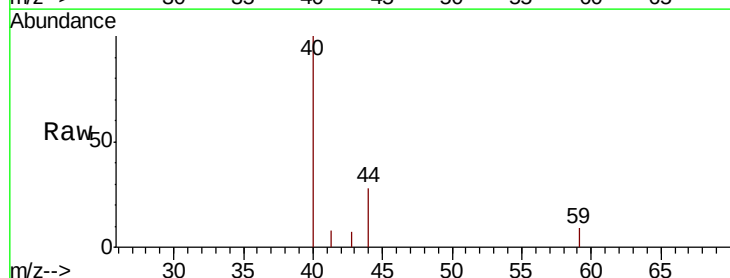
Acq: 2 May 2019 11:37

Tgt Ion: 59 Resp: 117

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055286.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN055286.D (-913) (-)

4.78

250

200

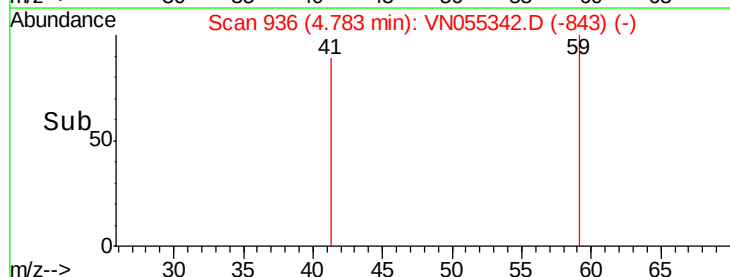
150

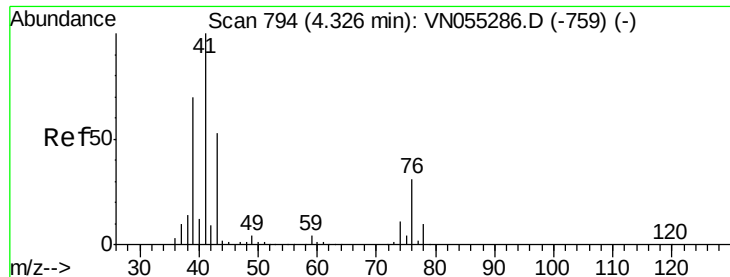
100

50

0

Time-->

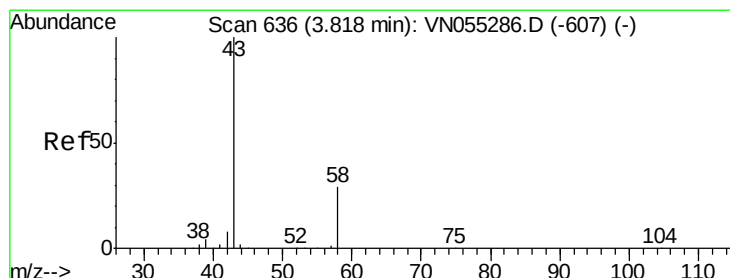
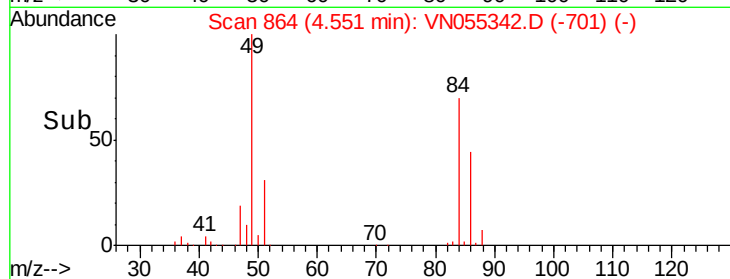
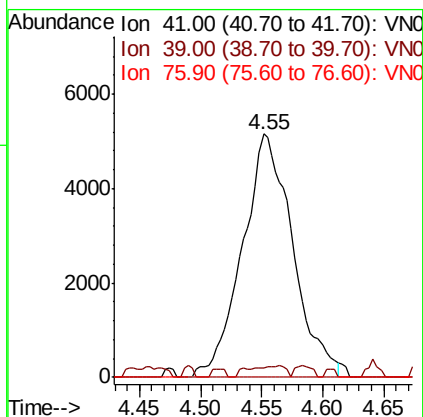
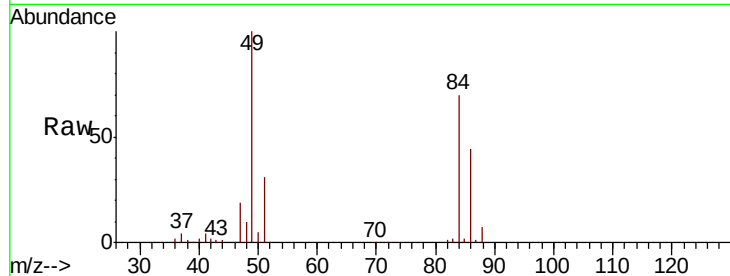




#14
Allvl chloride
Concen: 2.224 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

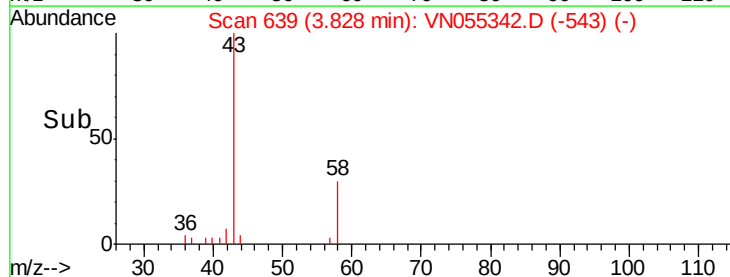
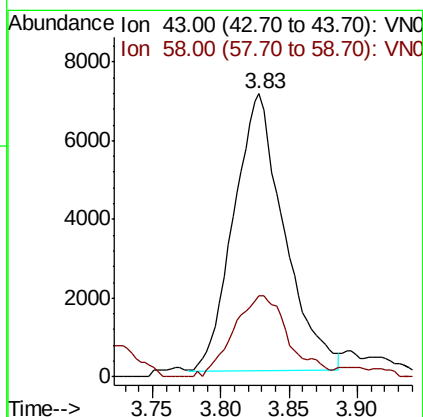
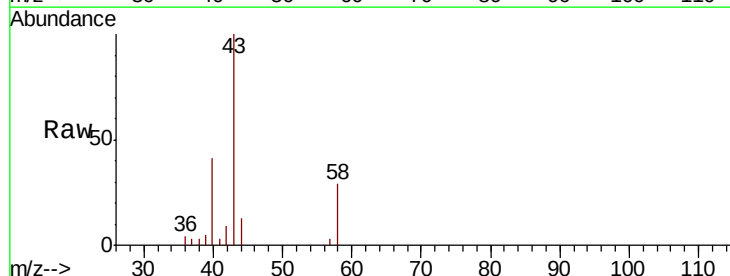
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

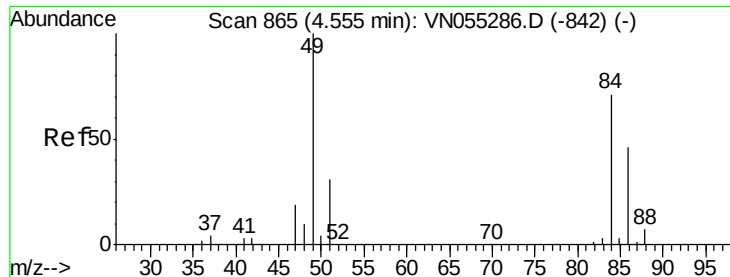
Tot Ion: 41 Resp: 14702
Ion Ratio Lower Upper
41 100
39 1.0 53.0 79.6#
76 0.0 22.7 34.1#



#16
Acetone
Concen: 13.766 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion: 43 Resp: 18132
Ion Ratio Lower Upper
43 100
58 29.4 23.6 35.4





#20

Methvlene Chloride

Concen: 71.704 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

Tot Ion: 84 Resp: 288287

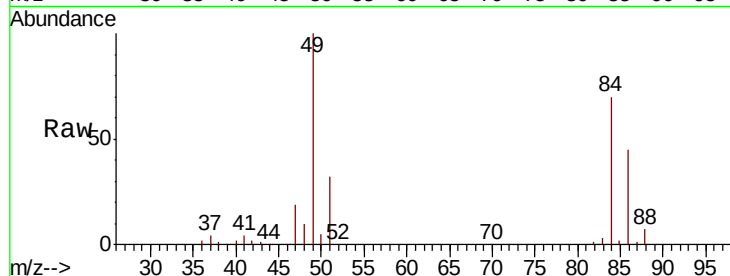
Ion Ratio Lower Upper

84 100

49 142.3 112.4 168.6

51 45.6 34.6 51.8

86 64.4 51.9 77.9

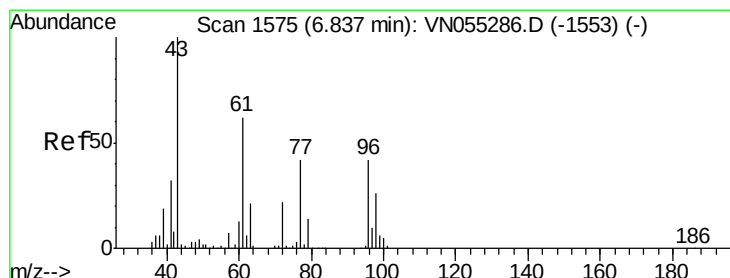
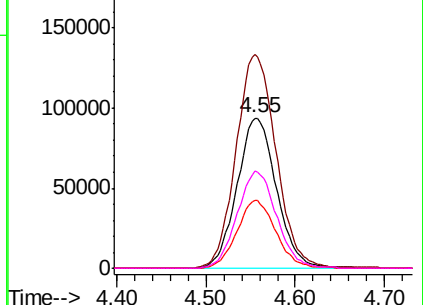
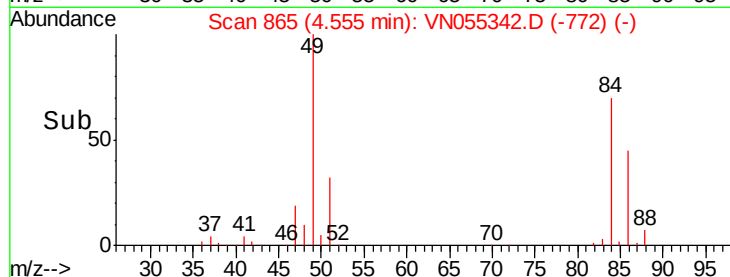


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 3.174 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN055342.D

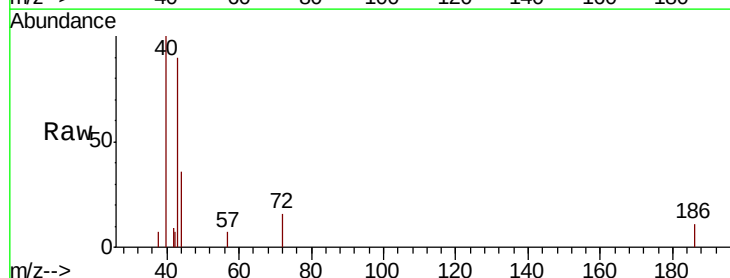
Acq: 2 May 2019 11:37

Tgt Ion: 43 Resp: 5347

Ion Ratio Lower Upper

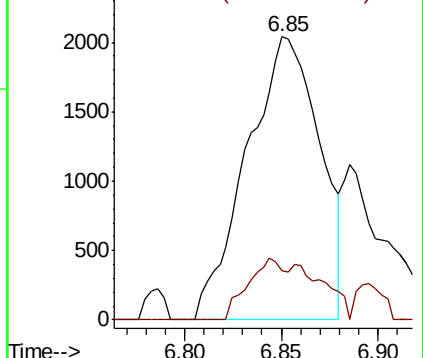
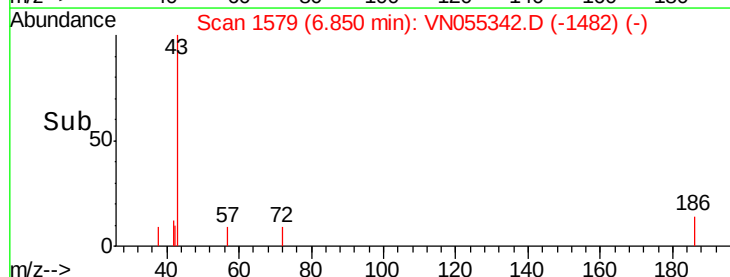
43 100

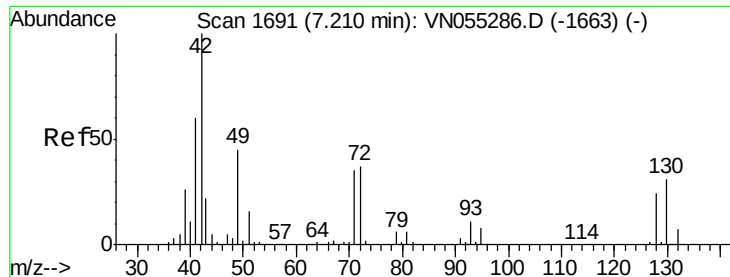
72 17.4 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.986 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

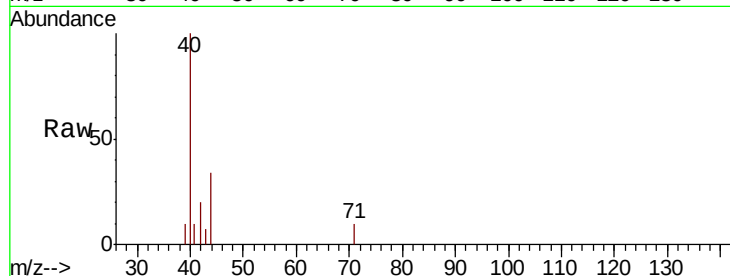
Tot Ion: 42 Resp: 1064

Ion Ratio Lower Upper

42 100

72 9.2 29.0 43.6#

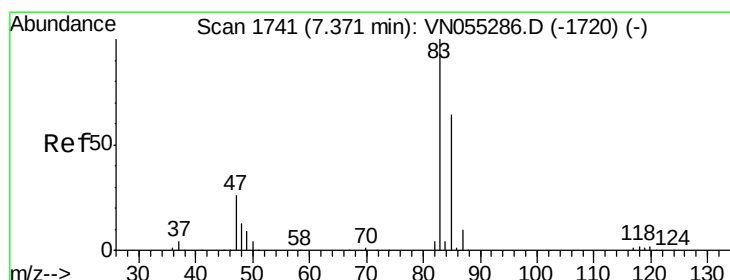
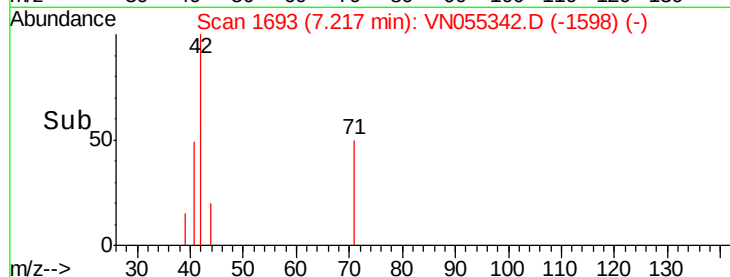
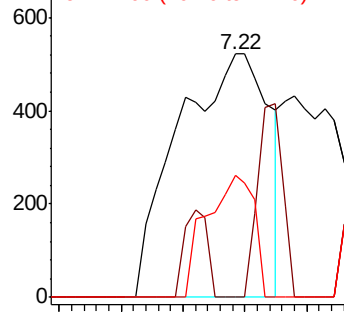
71 26.5 27.1 40.7#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.836 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055342.D

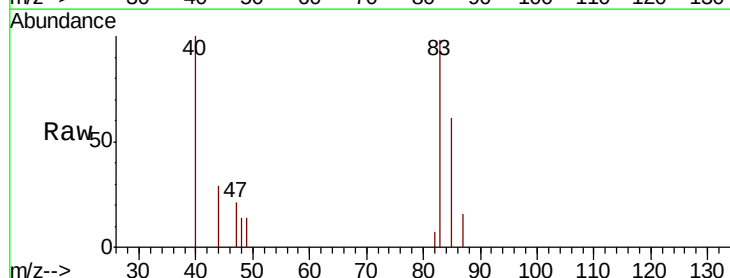
Acq: 2 May 2019 11:37

Tgt Ion: 83 Resp: 5545

Ion Ratio Lower Upper

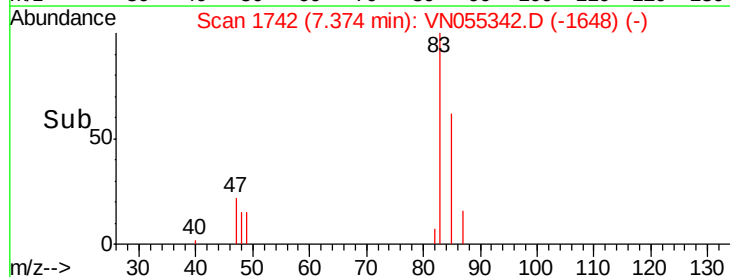
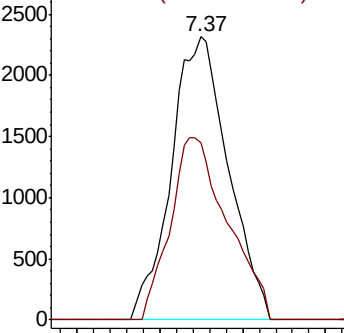
83 100

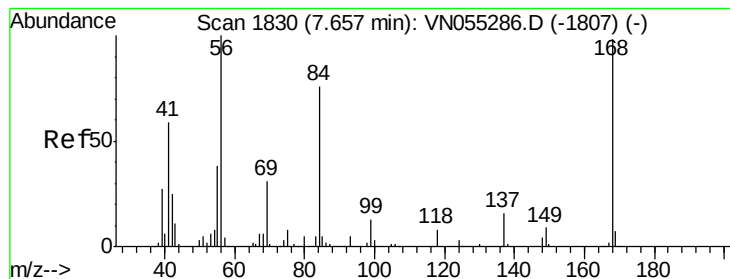
85 62.4 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 1.101 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

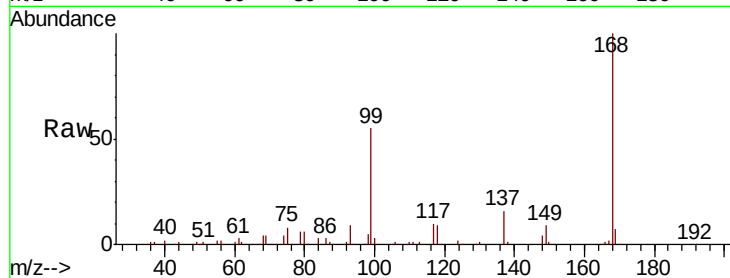
Tot Ion: 56 Resp: 7320

Ion Ratio Lower Upper

56 100

69 189.0 25.2 37.8#

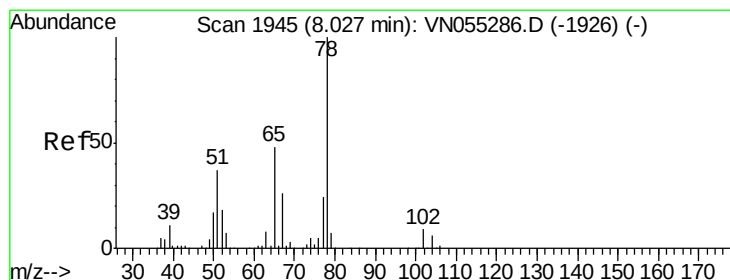
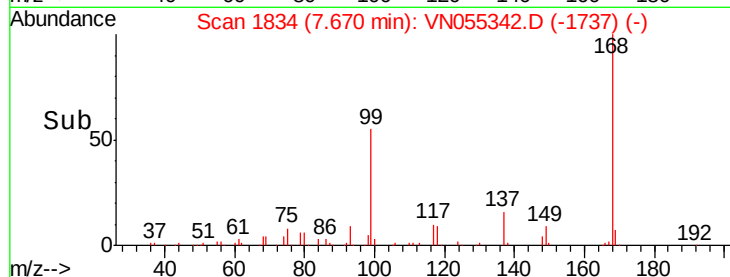
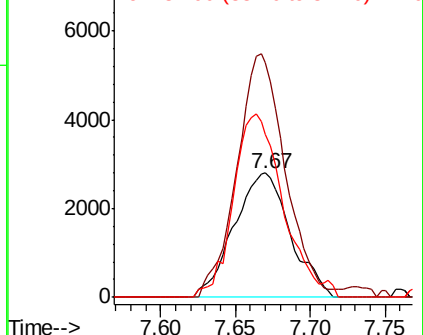
84 131.2 61.1 91.7#



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: 55.272 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055342.D

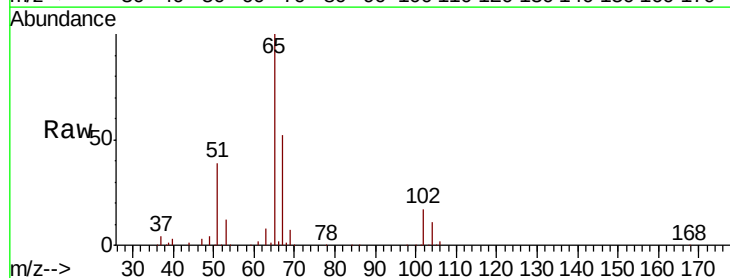
Acq: 2 May 2019 11:37

Tgt Ion: 65 Resp: 233654

Ion Ratio Lower Upper

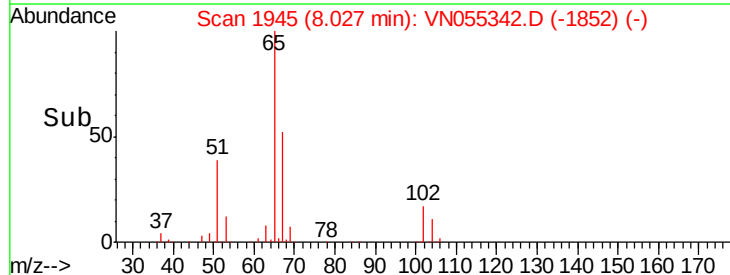
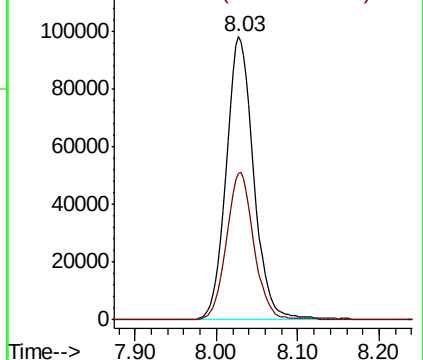
65 100

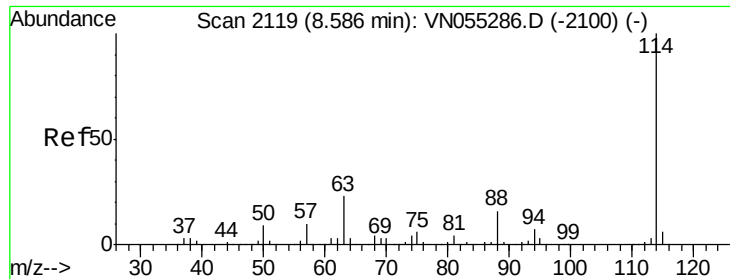
67 51.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

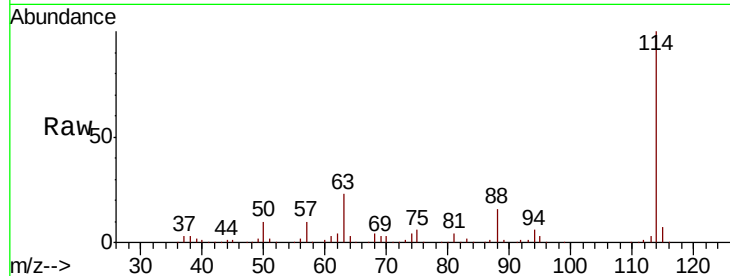




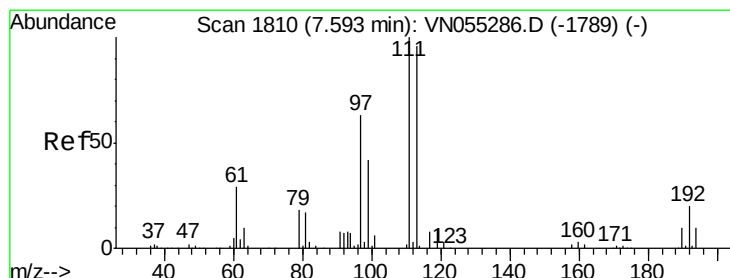
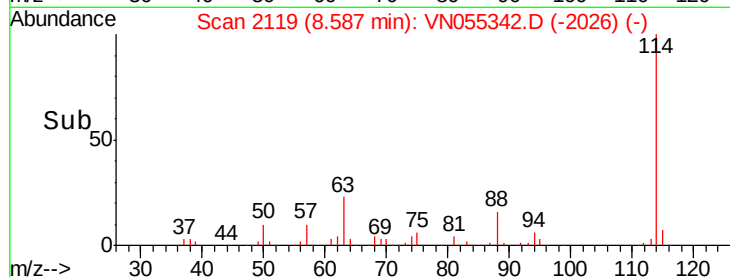
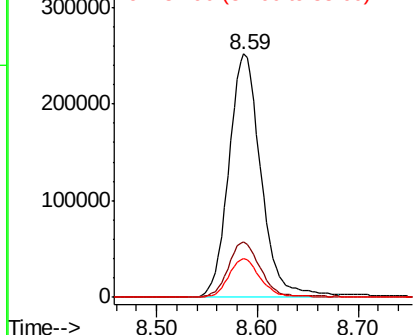
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

Tot Ion:114 Resp: 559328
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.2
88 16.0 0.0 31.6

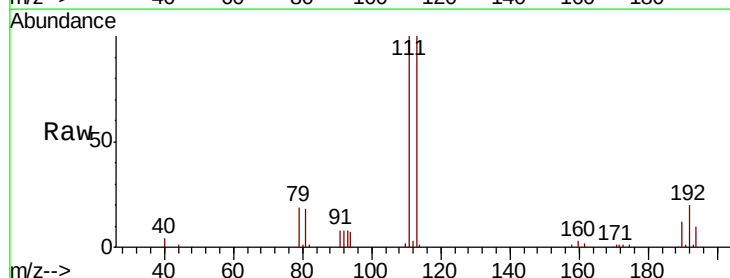


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

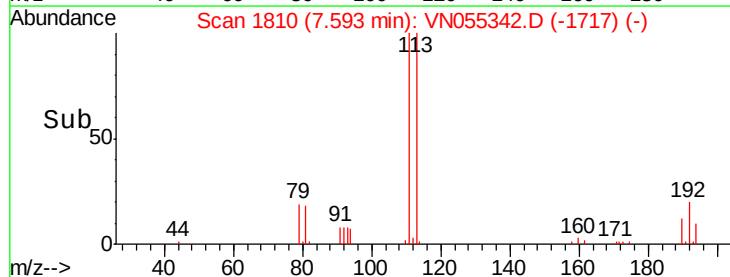
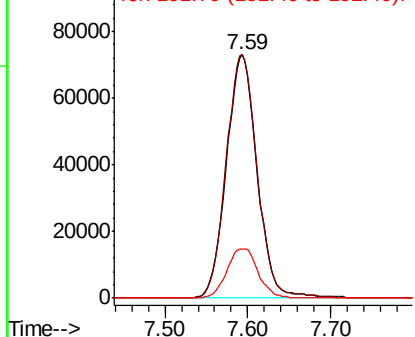


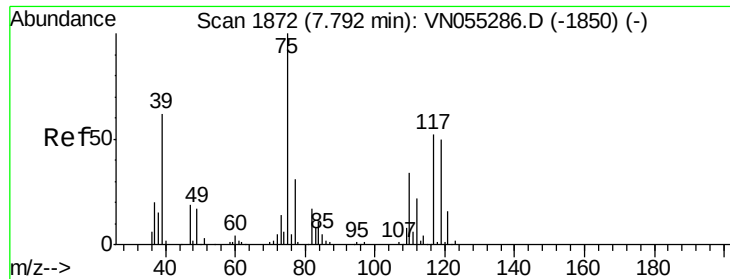
#35
Dibromofluoromethane
Concen: 51.168 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion:113 Resp: 187849
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 20.7 17.0 25.6



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: 4.631 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampled :

OILY-STONES

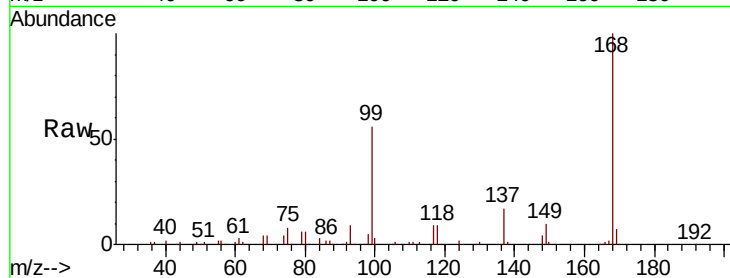
Tot Ion: 75 Resp: 24810

Ion Ratio Lower Upper

75 100

110 10.3 16.8 50.4#

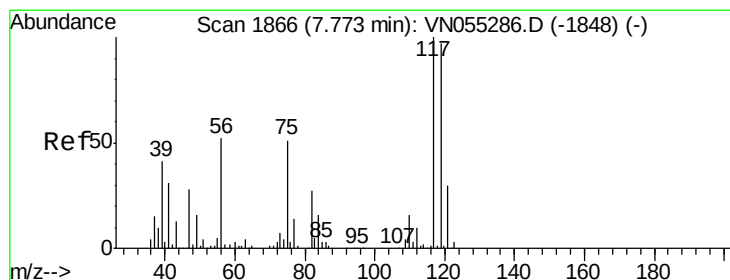
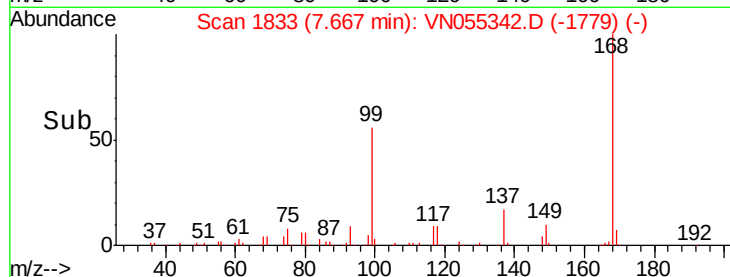
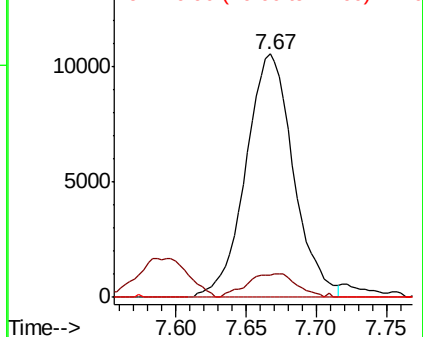
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VN055342.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN055342.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN055342.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 5.813 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

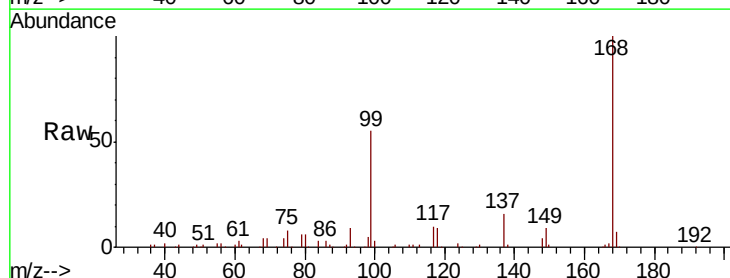
Tgt Ion: 117 Resp: 30042

Ion Ratio Lower Upper

117 100

119 5.0 77.0 115.6#

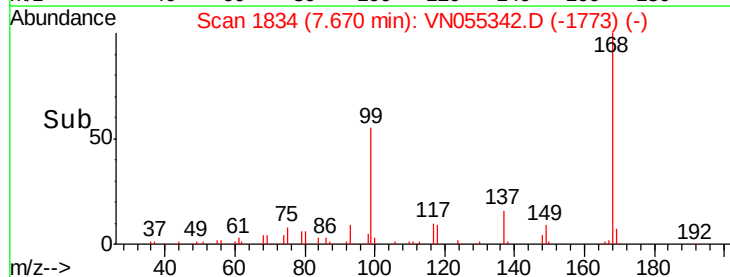
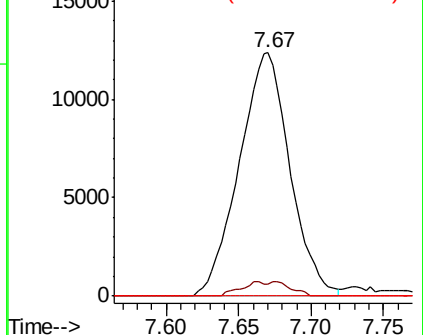
121 0.0 23.8 35.8#

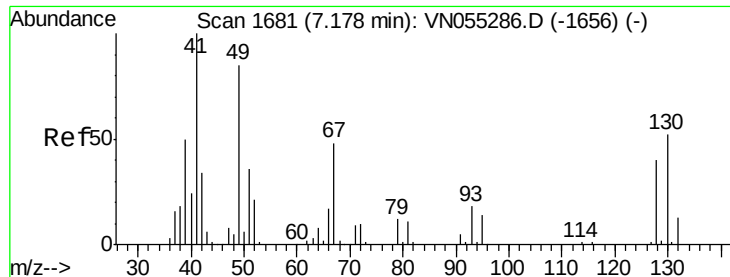


Abundance Ion 116.80 (116.50 to 117.50): VN055342.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN055342.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN055342.D (-1773) (-)

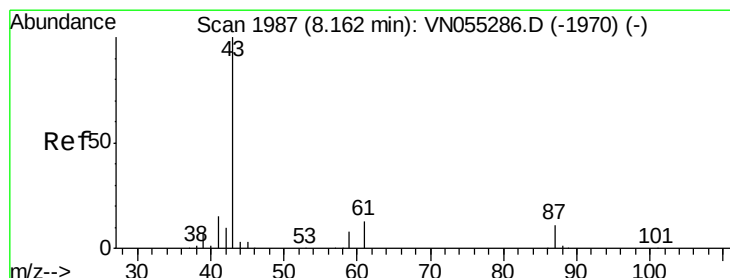
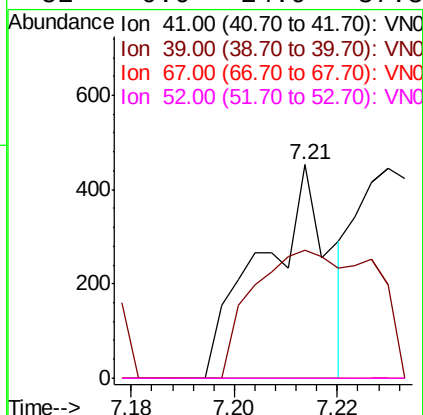
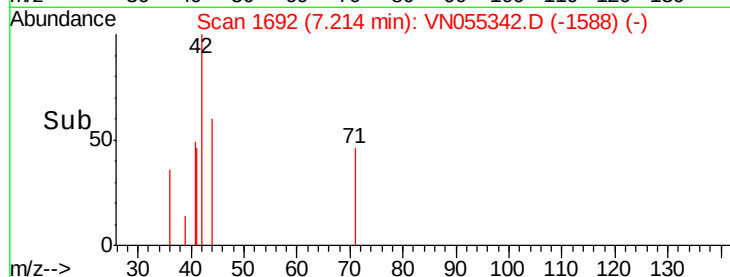
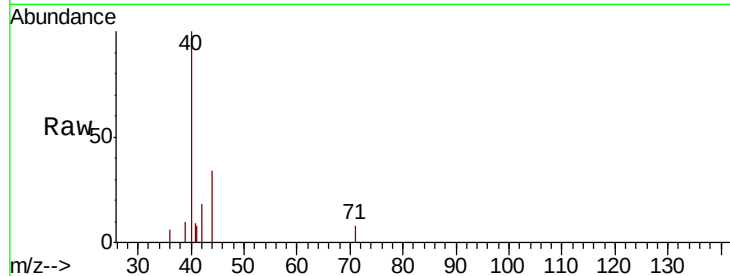




#41
Methacrylonitrile
Concen: 0.922 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

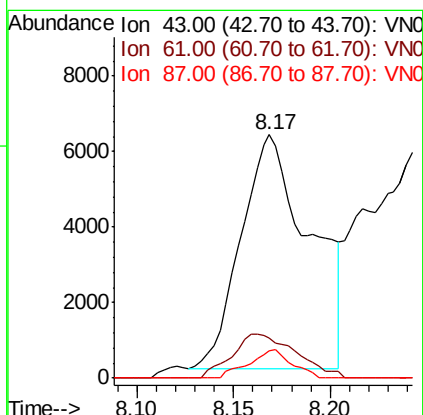
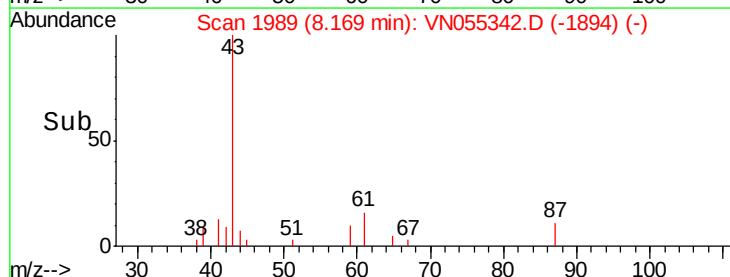
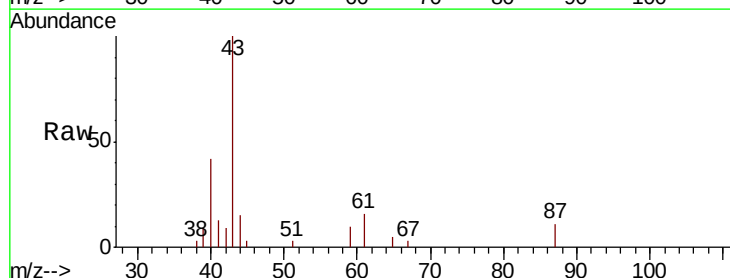
Instrument :
MSVOA_N
ClientSampled :
OILY-STONES

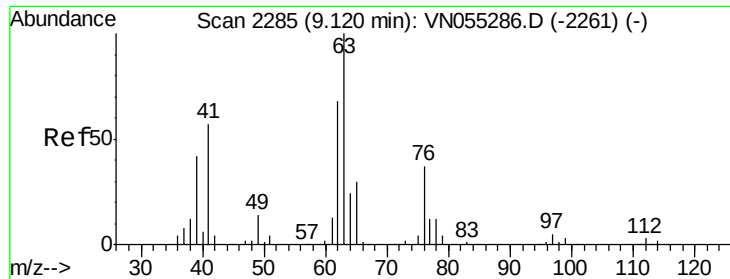
Tot Ion: 41 Resp: 410
Ion Ratio Lower Upper
41 100
39 107.6 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 2.327 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion: 43 Resp: 15353
Ion Ratio Lower Upper
43 100
61 17.6 20.8 31.2#
87 7.6 8.5 12.7#

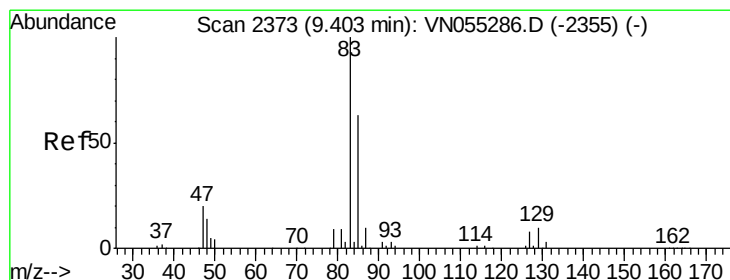
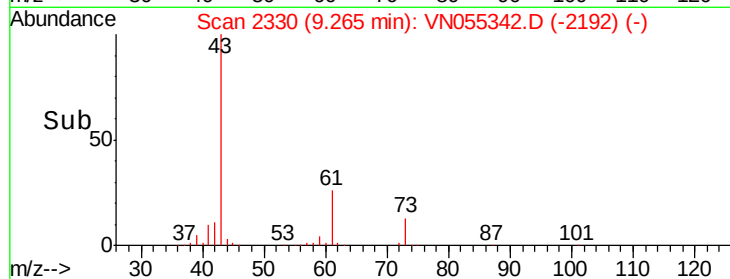
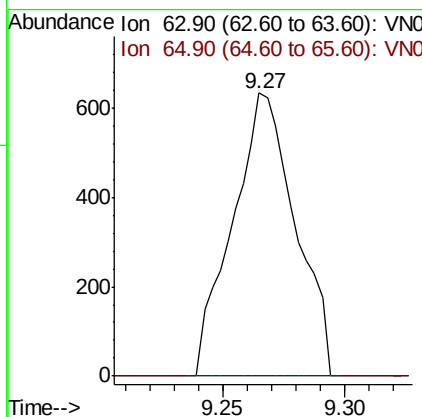
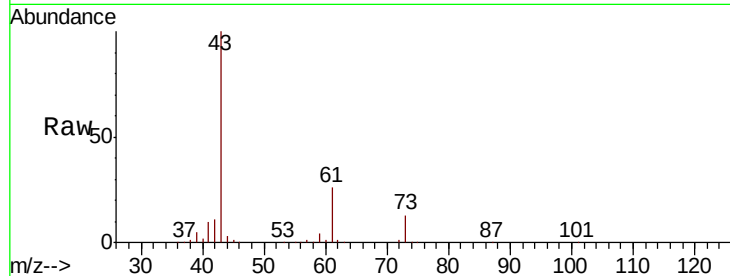




#45
 1,2-Dichloropropane
 Concen: 0.247 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN055342.D
 Acq: 2 May 2019 11:37

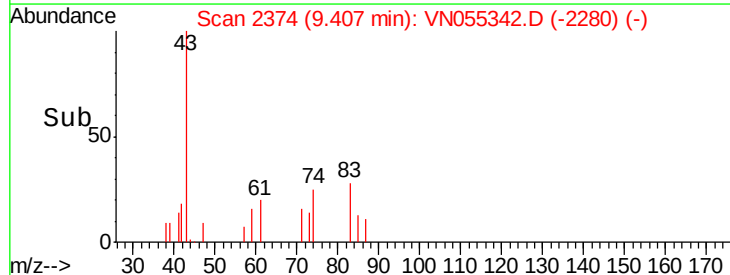
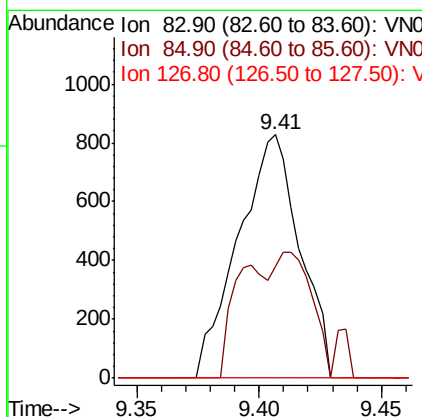
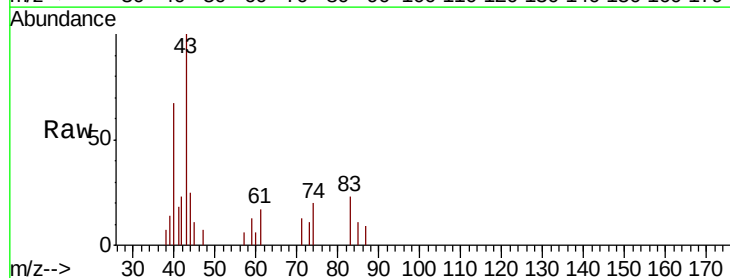
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

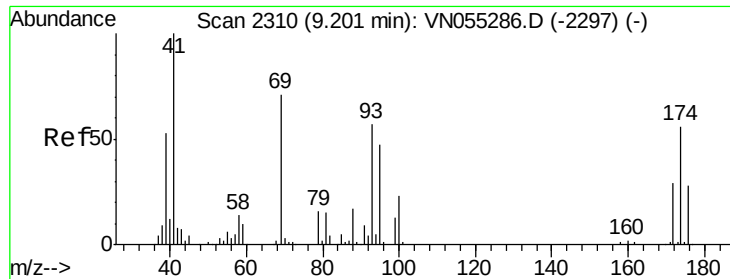
Tot Ion: 63 Resp: 1127
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.9 35.9#



#47
 Bromodichloromethane
 Concen: 0.271 ug/l
 RT: 9.41 min Scan# 2374
 Delta R.T. 0.00 min
 Lab File: VN055342.D
 Acq: 2 May 2019 11:37

Tgt Ion: 83 Resp: 1446
 Ion Ratio Lower Upper
 83 100
 85 46.1 50.1 75.1#
 127 0.0 6.7 10.1#

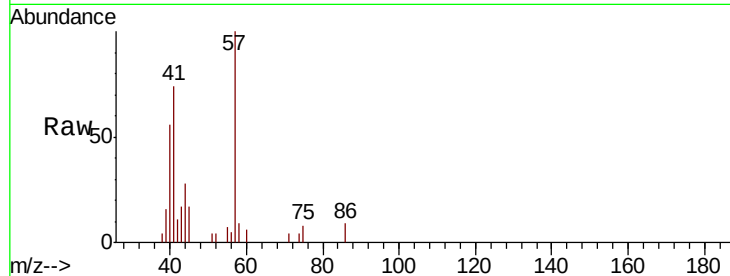




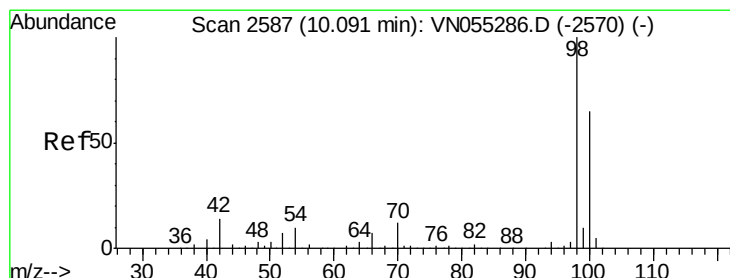
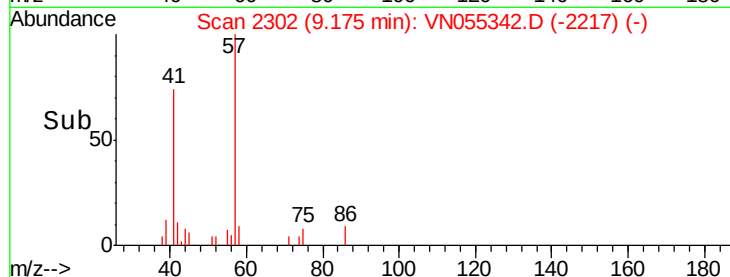
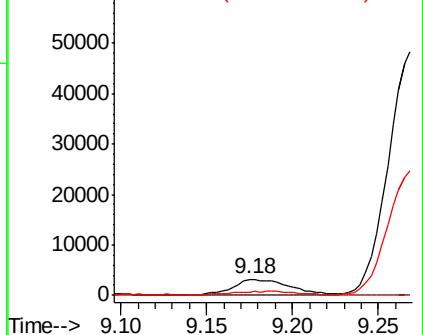
#48
Methvl methacrylate
Concen: 2.282 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.03 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

Tot Ion: 41 Resp: 7402
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 30.3 43.8 65.6#

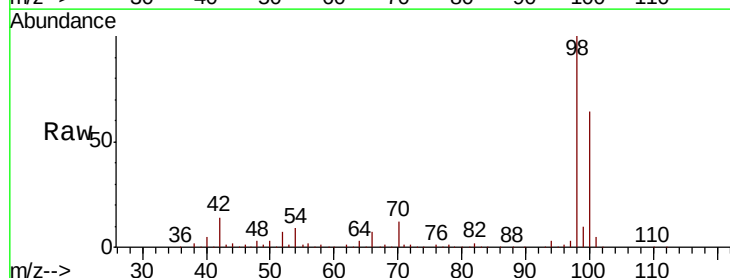


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

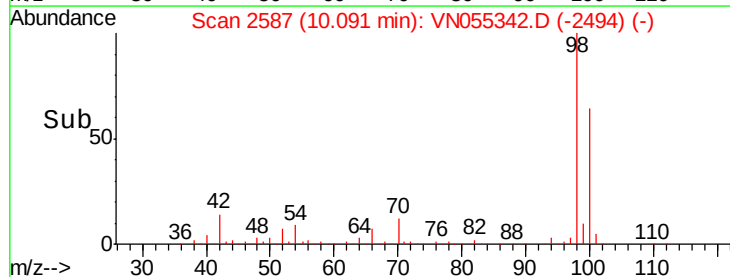
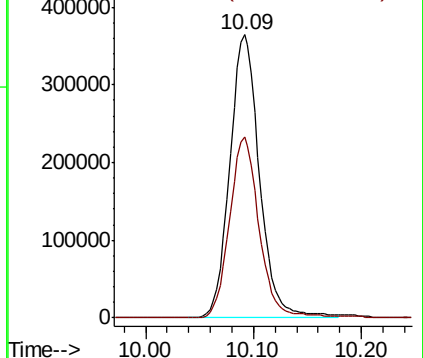


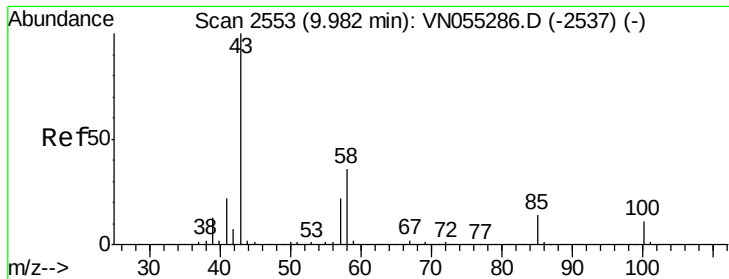
#50
Toluene-d8
Concen: 52.898 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion: 98 Resp: 701233
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.198 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

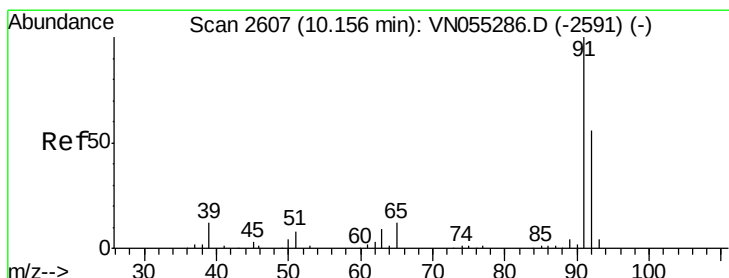
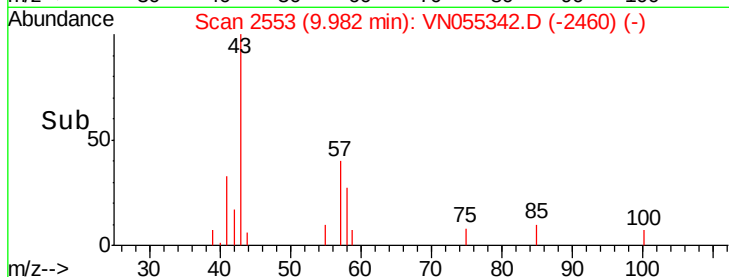
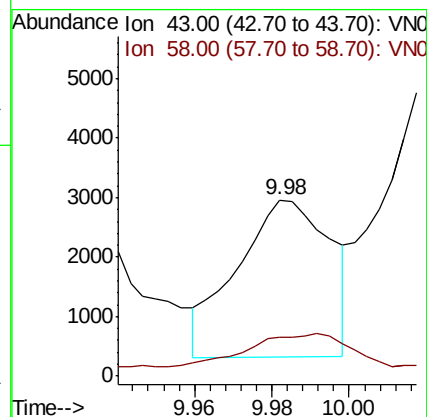
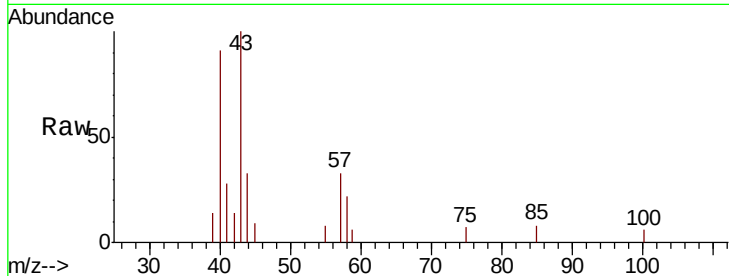
OILY-STONES

Tot Ion: 43 Resp: 4450

Ion Ratio Lower Upper

43 100

58 35.9 28.5 42.7



#52

Toluene

Concen: 0.288 ug/l

RT: 10.16 min Scan# 2609

Delta R.T. 0.01 min

Lab File: VN055342.D

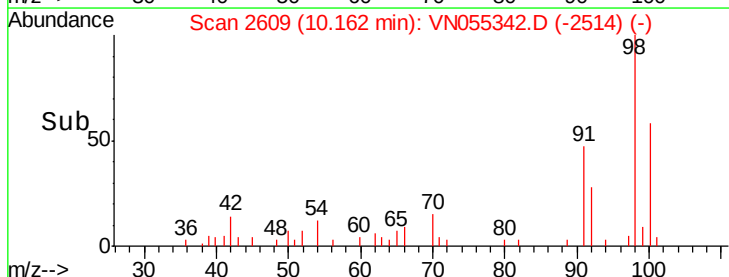
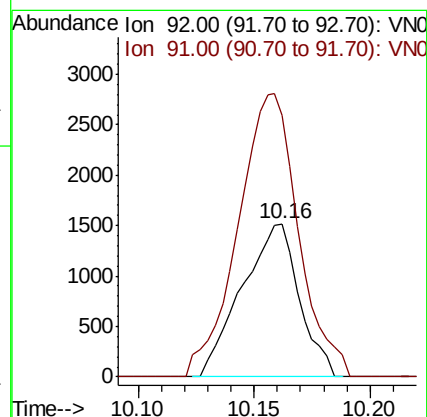
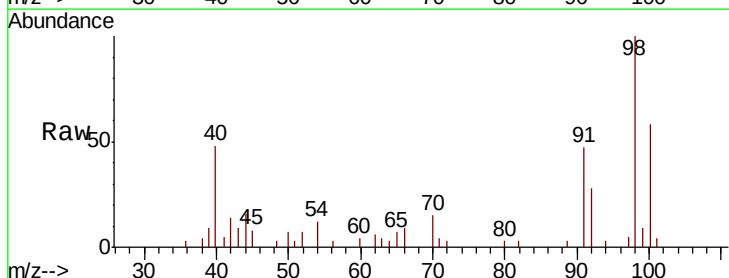
Acq: 2 May 2019 11:37

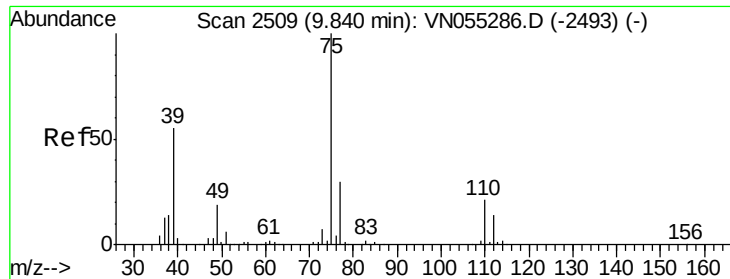
Tgt Ion: 92 Resp: 2609

Ion Ratio Lower Upper

92 100

91 194.6 140.1 210.1





#54

cis-1,3-Dichloropropene

Concen: 7.878 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

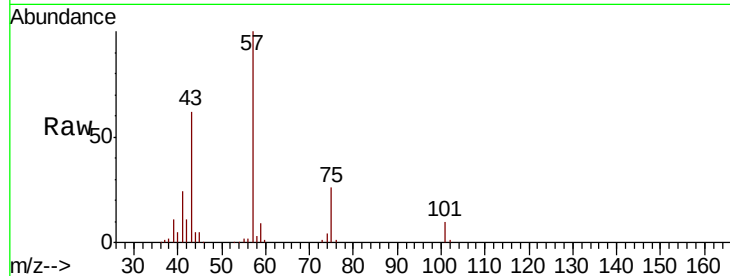
Tot Ion: 75 Resp: 45548

Ion Ratio Lower Upper

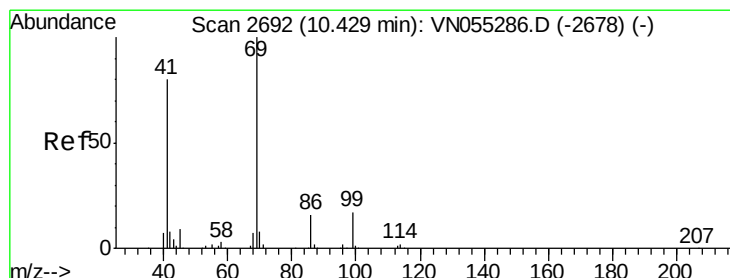
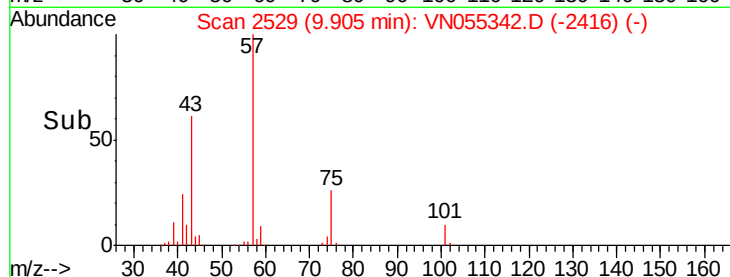
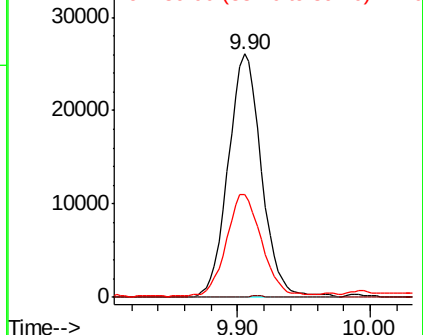
75 100

77 0.0 24.2 36.2#

39 41.5 44.2 66.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 0.234 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

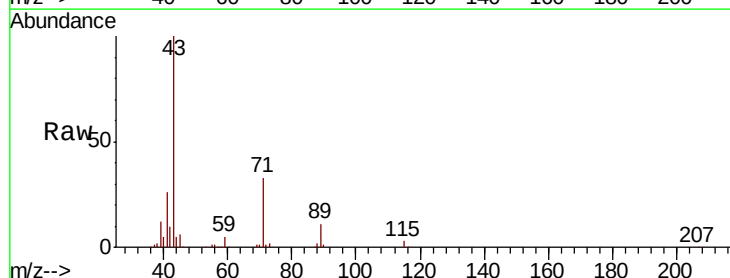
Tgt Ion: 69 Resp: 969

Ion Ratio Lower Upper

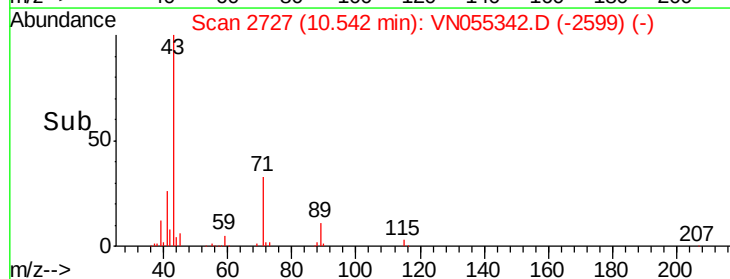
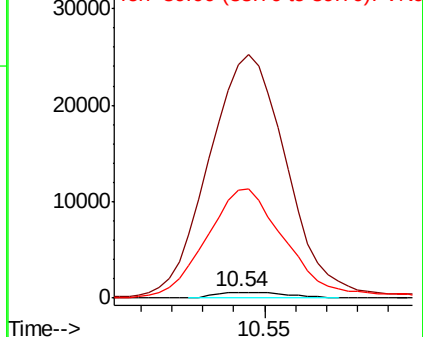
69 100

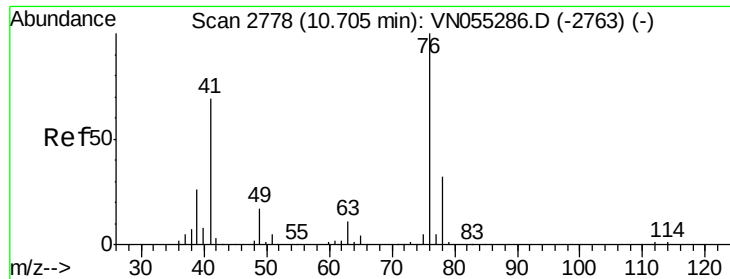
41 4532.4 62.7 94.1#

39 2113.1 32.0 48.0#



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

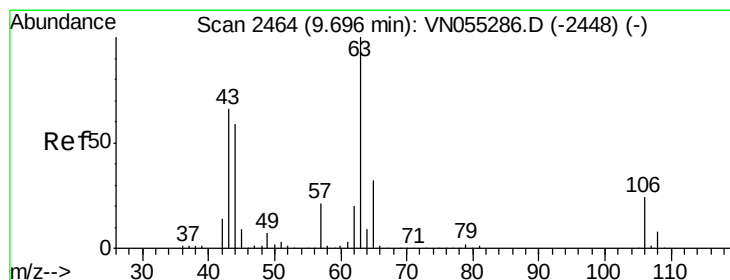
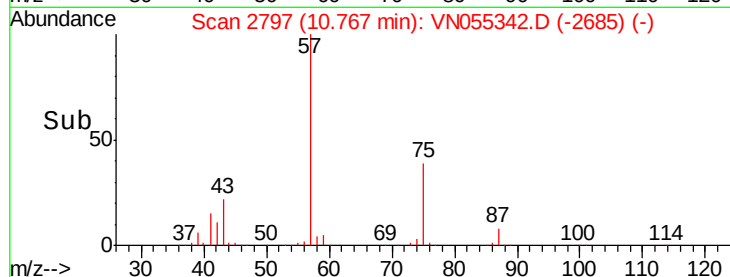
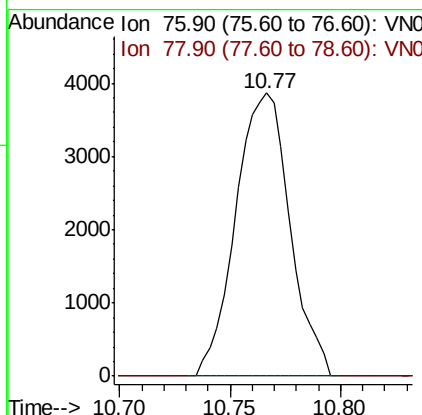
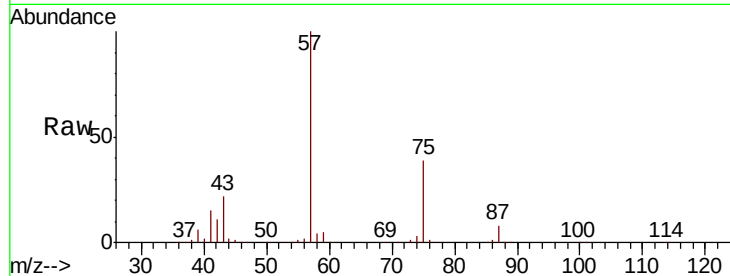




#57
 1,3-Dichloropropane
 Concen: 1.116 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN055342.D
 Acq: 2 May 2019 11:37

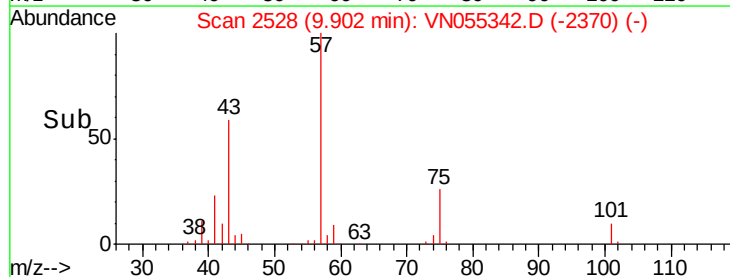
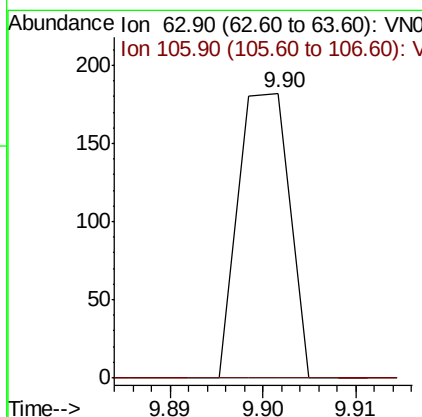
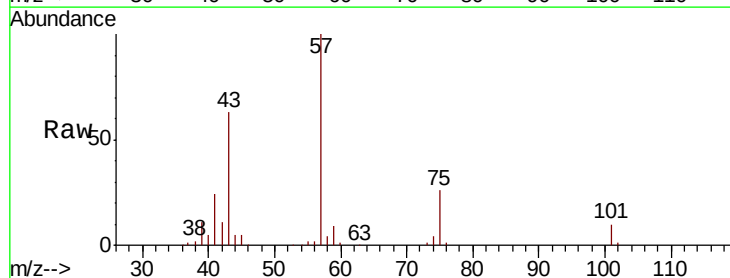
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

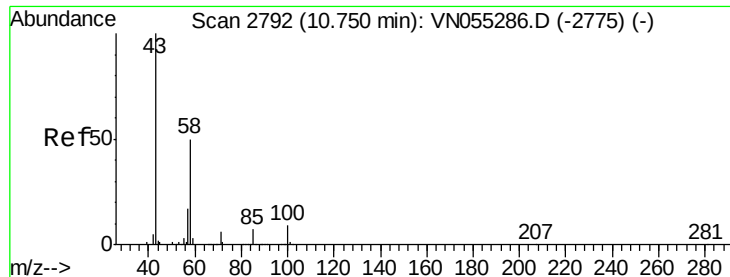
Tot Ion: 76 Resp: 6588
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.457 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.21 min
 Lab File: VN055342.D
 Acq: 2 May 2019 11:37

Tgt Ion: 63 Resp: 70
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#

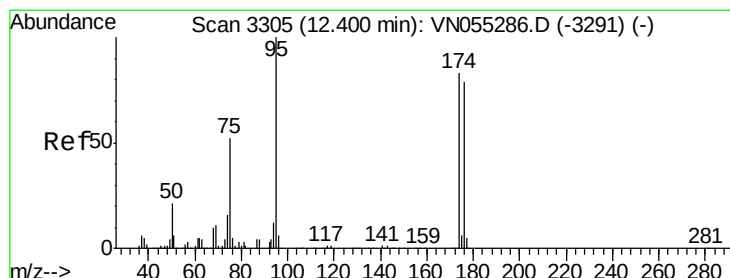
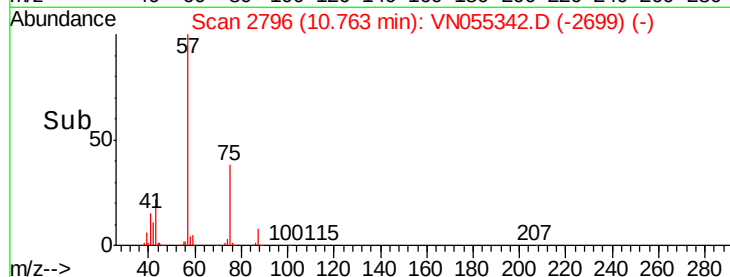
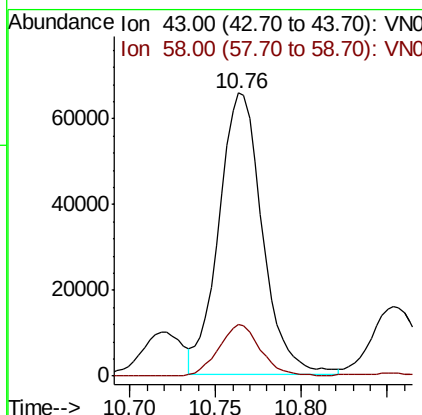
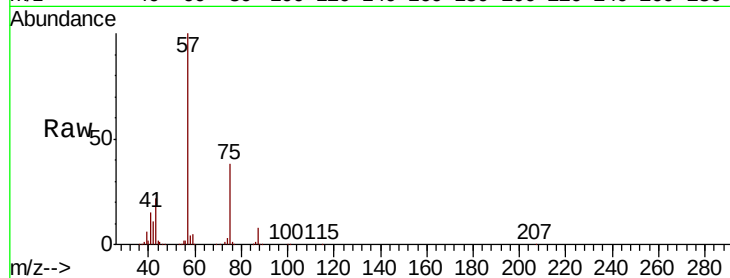




#59
2-Hexanone
Concen: 49.433 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

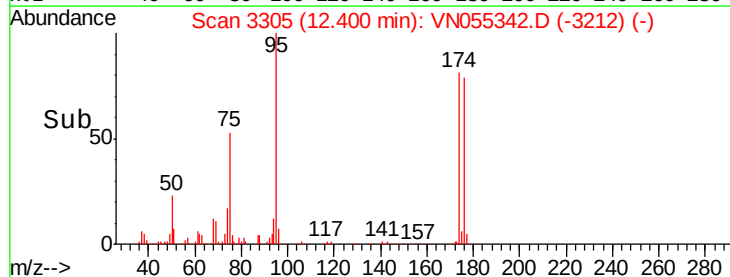
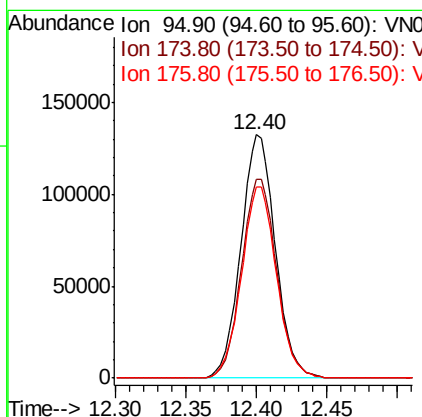
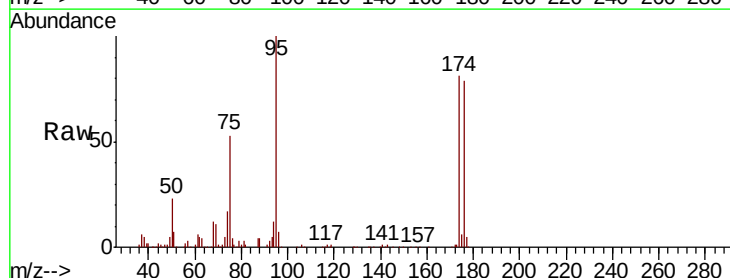
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

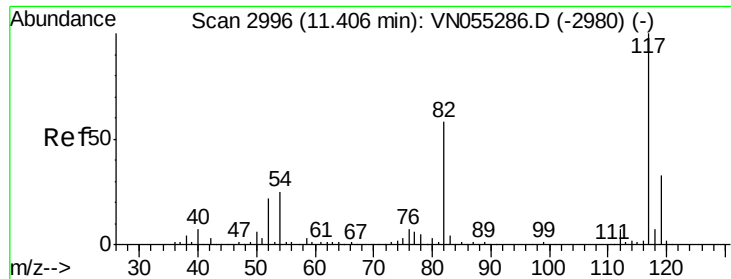
Tot Ion: 43 Resp: 114909
Ion Ratio Lower Upper
43 100
58 17.9 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 54.637 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion: 95 Resp: 226366
Ion Ratio Lower Upper
95 100
174 83.6 0.0 166.6
176 79.8 0.0 157.8

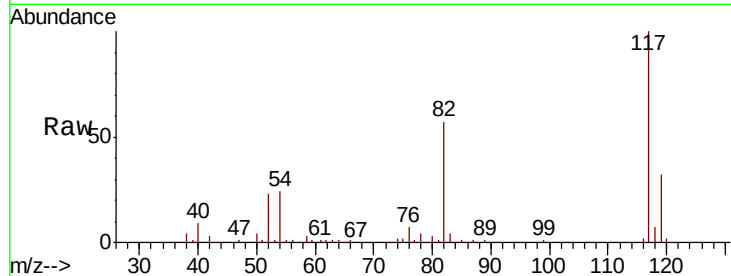




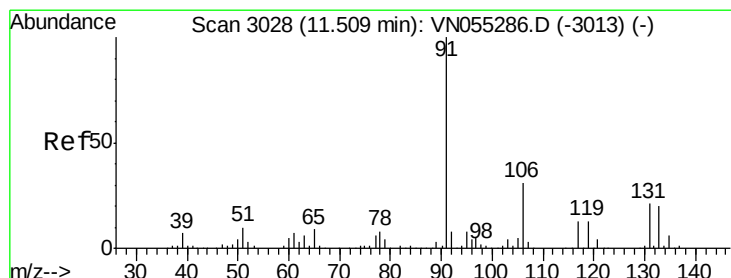
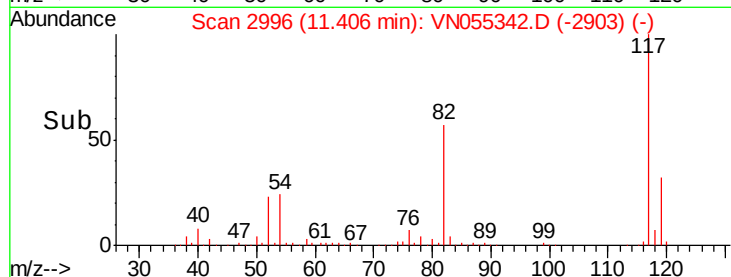
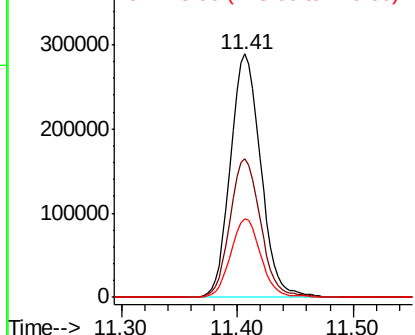
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

Tot Ion:117 Resp: 522299
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.3 26.6 40.0

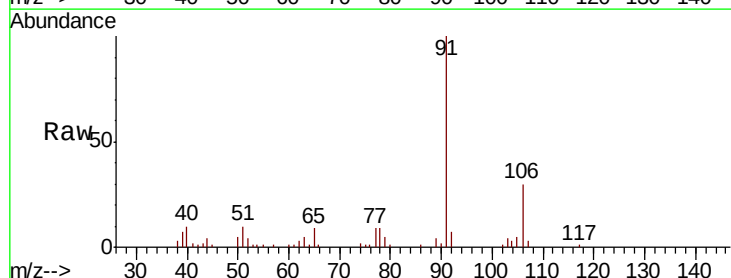


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

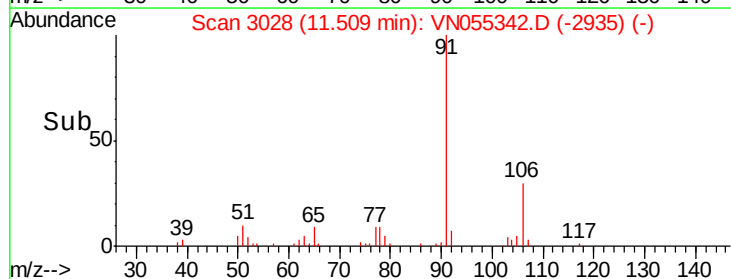
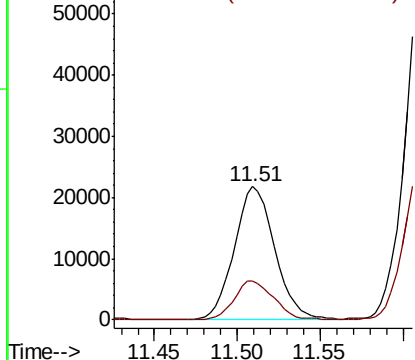


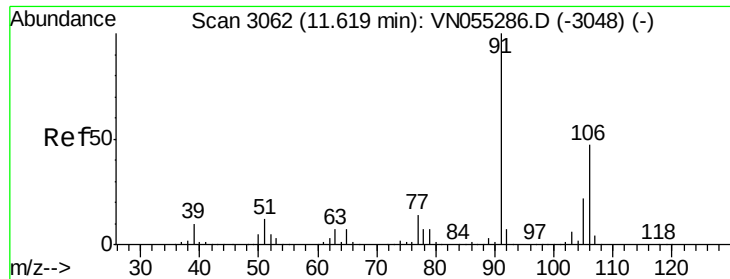
#67
Ethyl Benzene
Concen: 2.009 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion: 91 Resp: 37051
Ion Ratio Lower Upper
91 100
106 29.5 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

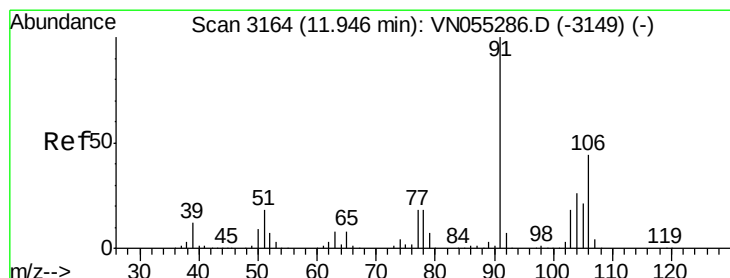
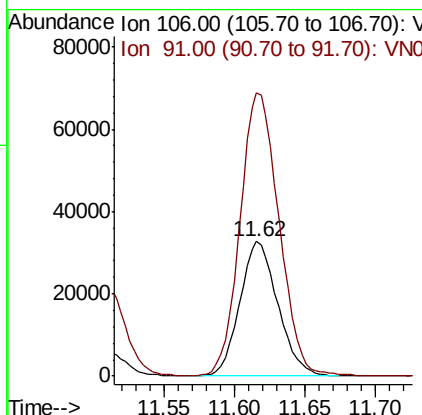
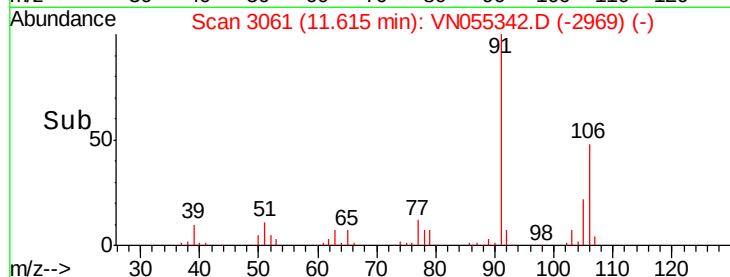
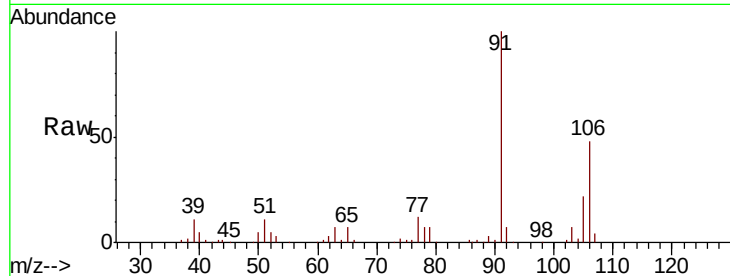




#68
m/p-Xylenes
Concen: 9.427 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

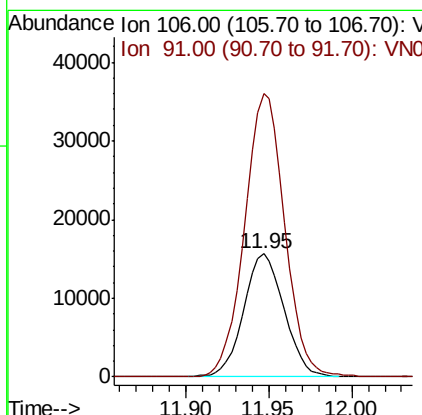
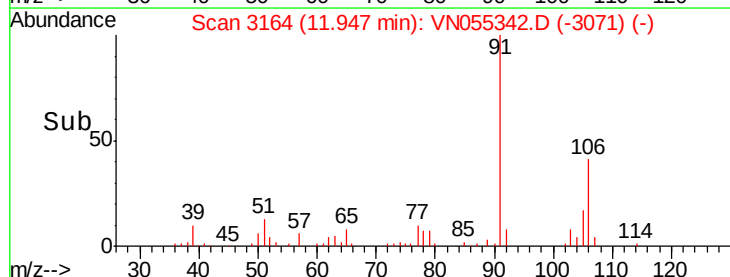
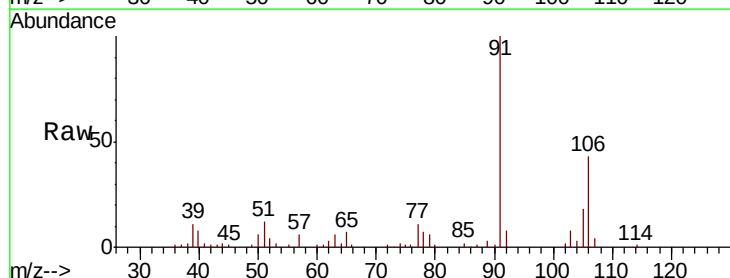
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

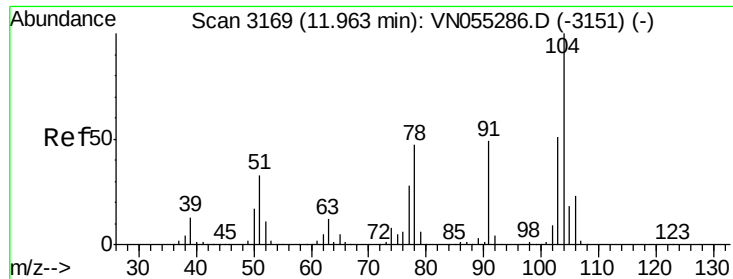
Tot Ion:106 Resp: 62048
Ion Ratio Lower Upper
106 100
91 214.9 169.5 254.3



#69
o-Xylene
Concen: 4.073 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion:106 Resp: 26569
Ion Ratio Lower Upper
106 100
91 227.2 111.5 334.5

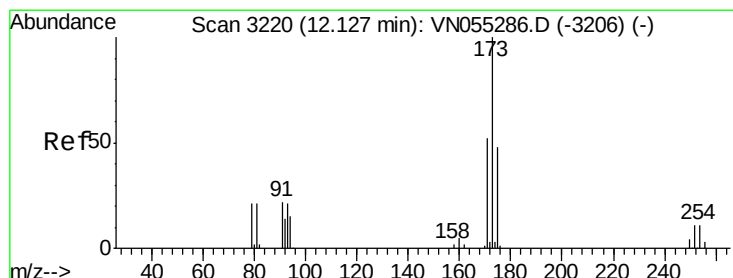
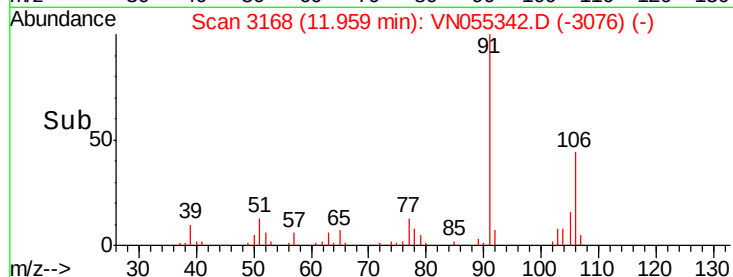
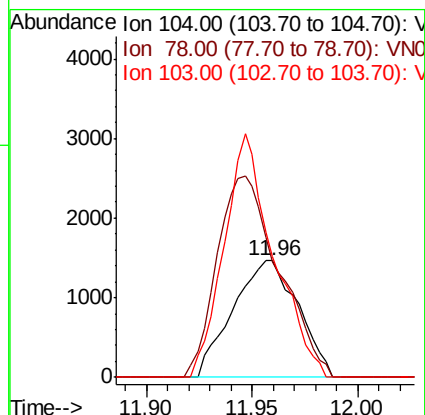
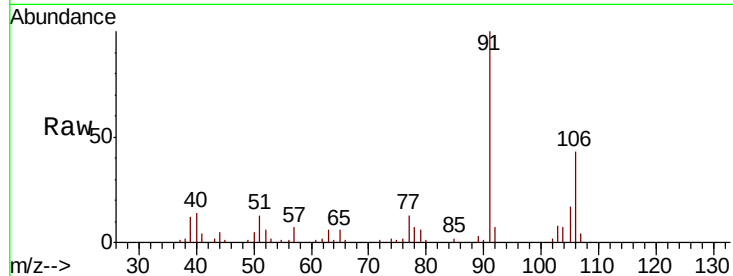




#70
Stvrene
Concen: 0.314 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

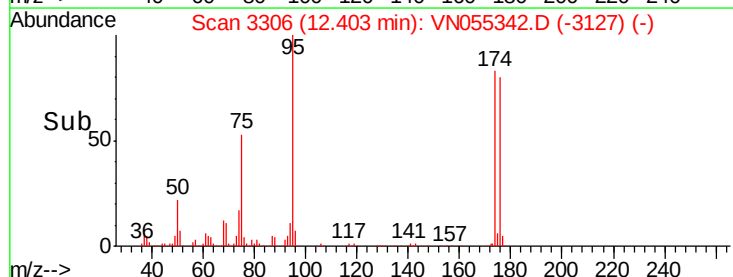
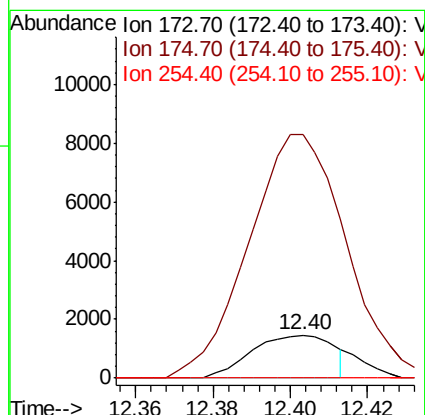
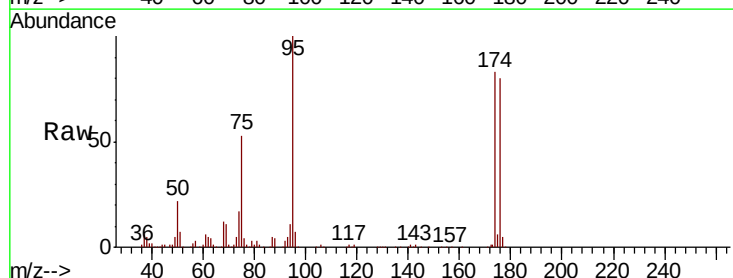
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

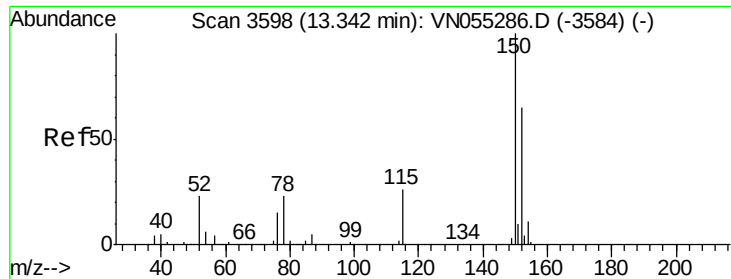
Tot Ion:104 Resp: 3144
Ion Ratio Lower Upper
104 100
78 163.2 42.2 63.2#
103 158.1 44.6 67.0#



#71
Bromoform
Concen: 0.969 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion:173 Resp: 2149
Ion Ratio Lower Upper
173 100
175 583.4 23.6 71.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

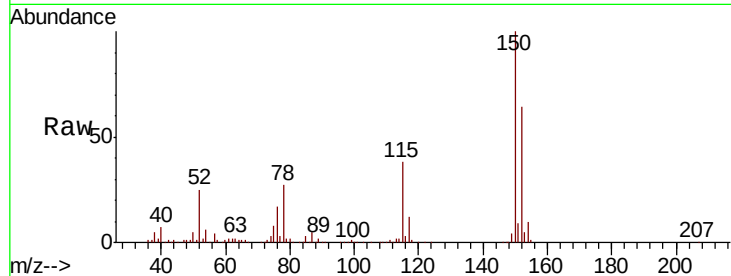
Tot Ion:152 Resp: 169280

Ion Ratio Lower Upper

152 100

115 59.6 29.0 87.0

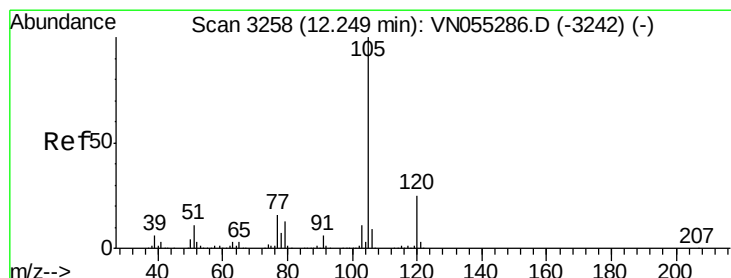
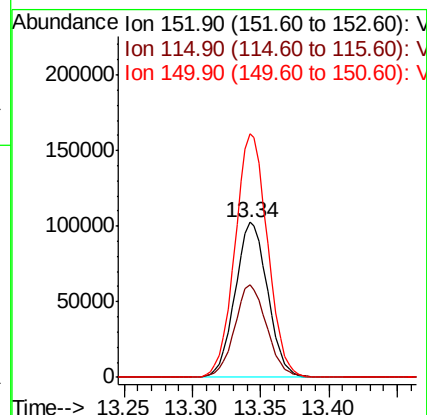
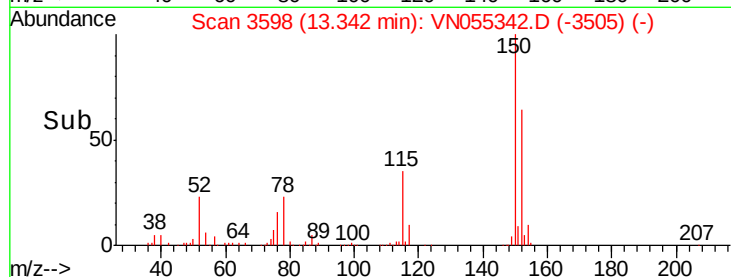
150 157.4 0.0 345.6



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: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055342.D

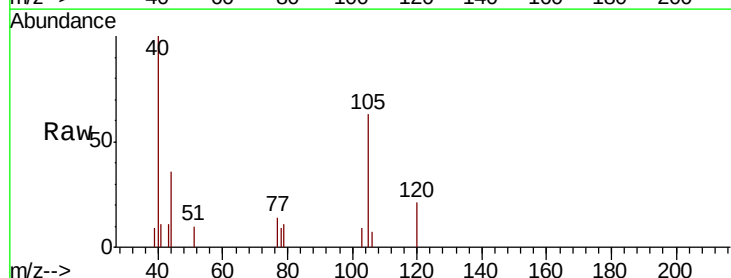
Acq: 2 May 2019 11:37

Tgt Ion:105 Resp: 2301

Ion Ratio Lower Upper

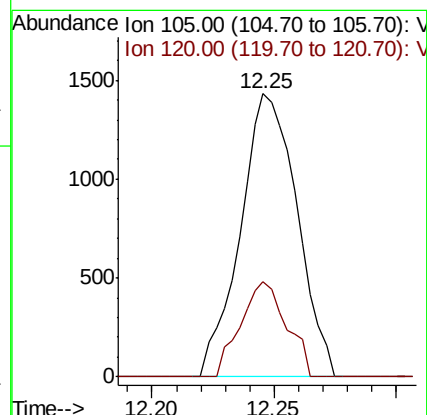
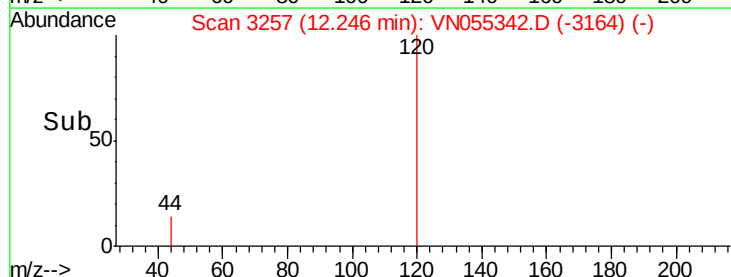
105 100

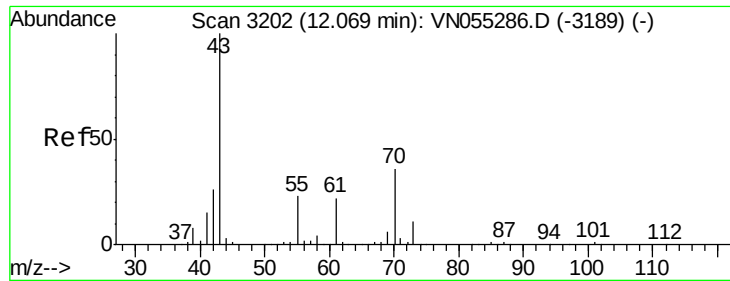
120 27.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.406 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

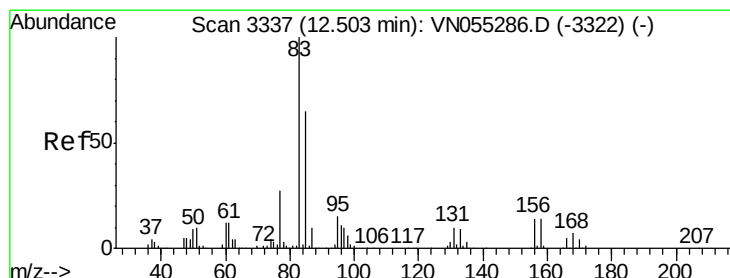
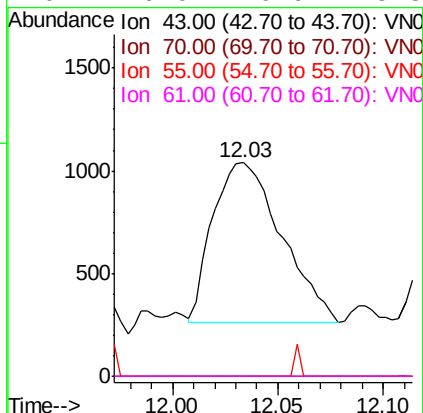
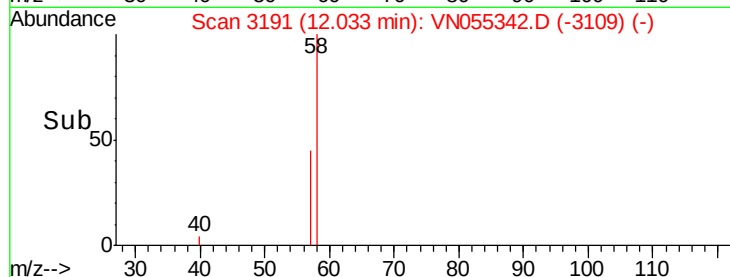
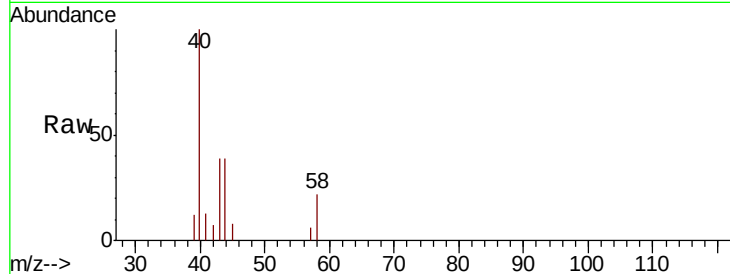
MSVOA_N

ClientSampleId :

OILY-STONES

Tot Ion: 43 Resp: 1763

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.9	41.9#
55	0.0	18.2	27.2#
61	0.0	16.9	25.3#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

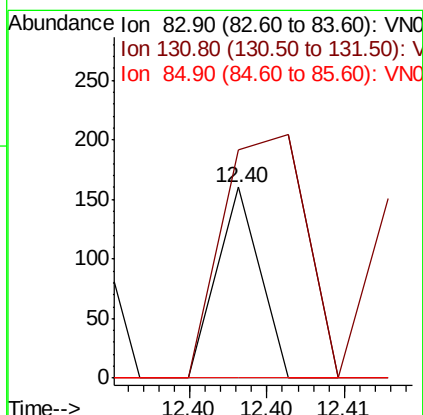
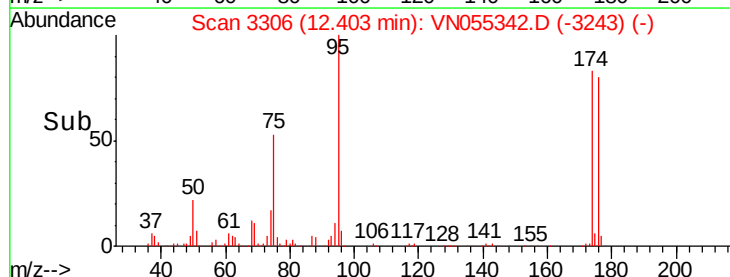
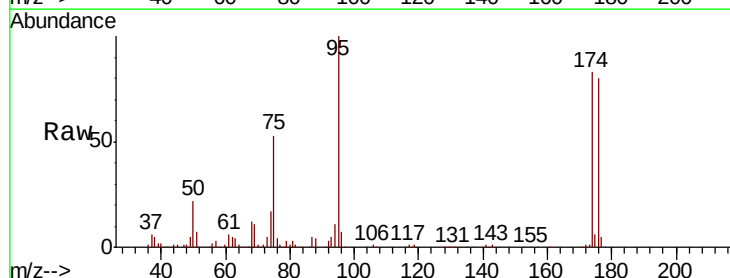
Delta R.T. -0.10 min

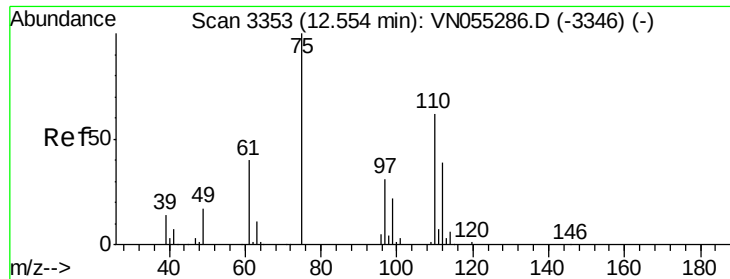
Lab File: VN055342.D

Acq: 2 May 2019 11:37

Tgt Ion: 83 Resp: 31

Ion	Ratio	Lower	Upper
83	100		
131	338.7	5.1	15.2#
85	0.0	32.3	96.8#





#76

1,2,3-Trichloropropane

Concen: 36.818 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

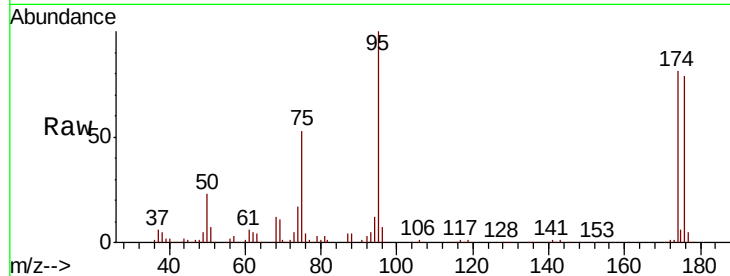
OILY-STONES

Tot Ion: 75 Resp: 117937

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

80000

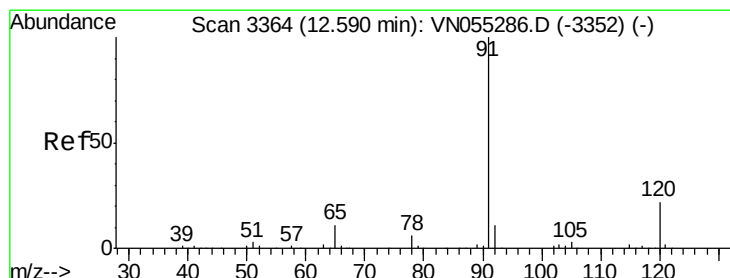
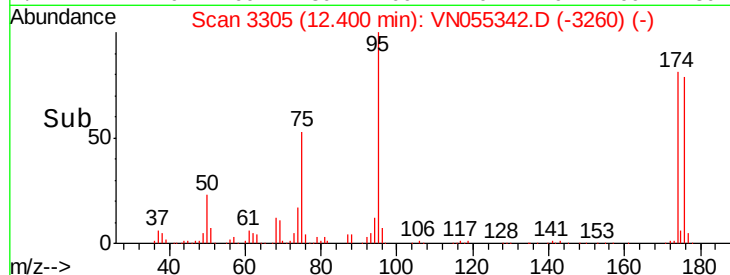
60000

40000

20000

0

Time-->



#78

n-propylbenzene

Concen: 0.585 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055342.D

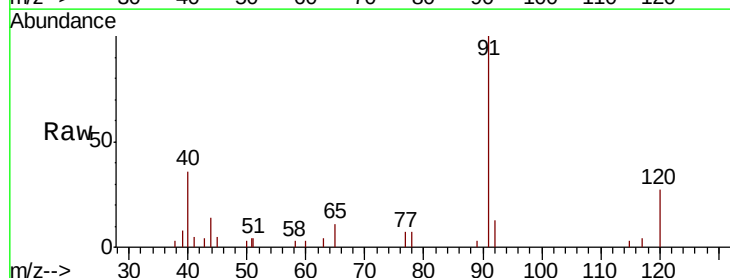
Acq: 2 May 2019 11:37

Tgt Ion: 91 Resp: 10174

Ion Ratio Lower Upper

91 100

120 23.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

10000

8000

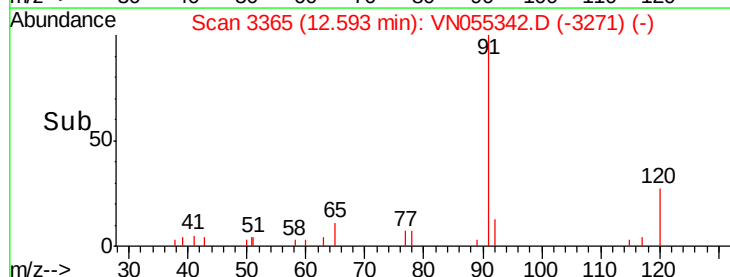
6000

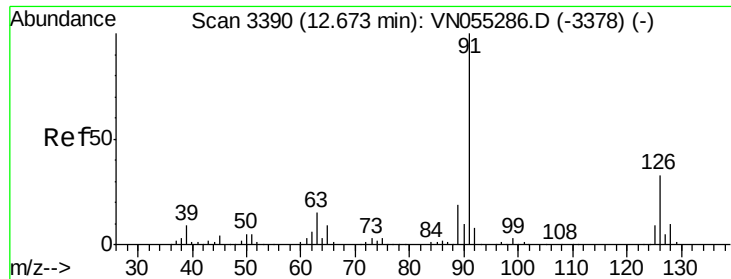
4000

2000

0

Time-->

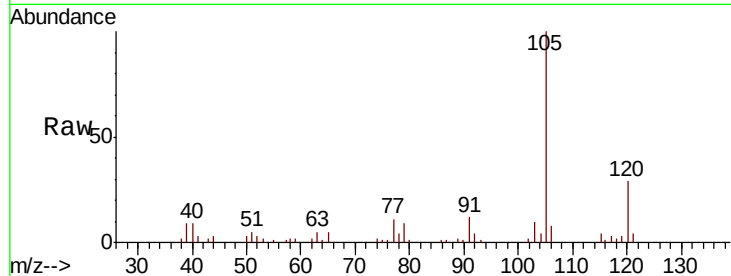




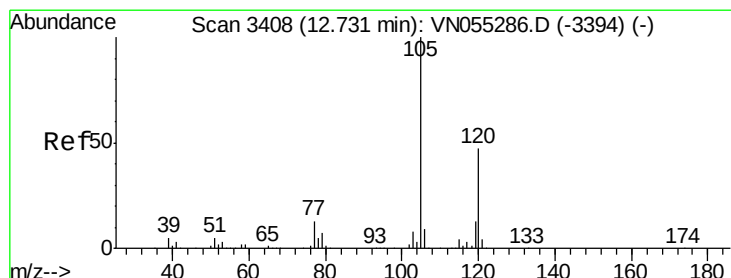
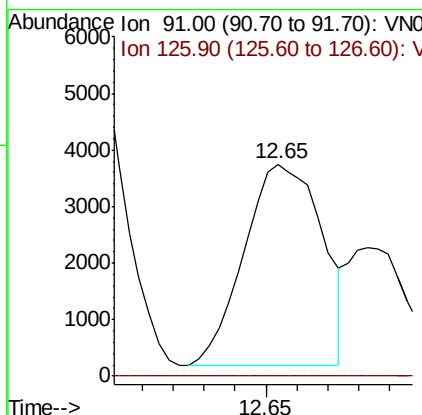
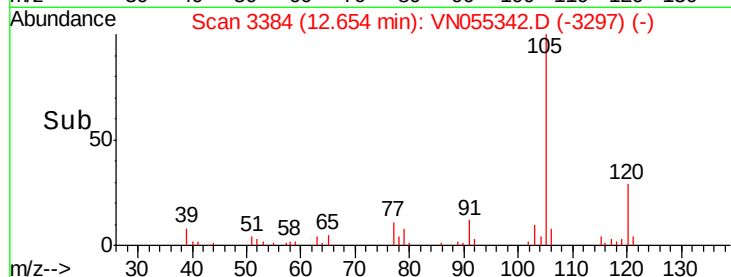
#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.65 min Scan# 3384
 Delta R.T. -0.02 min
 Lab File: VN055342.D
 Acq: 2 May 2019 11:37

Instrument :
 MSVOA_N
 ClientSampled :
 OILY-STONES

Tot Ion: 91 Resp: 6225
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#

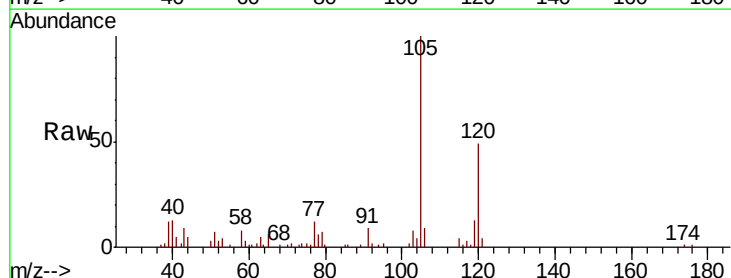


Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 125.90 (125.60 to 126.60): V

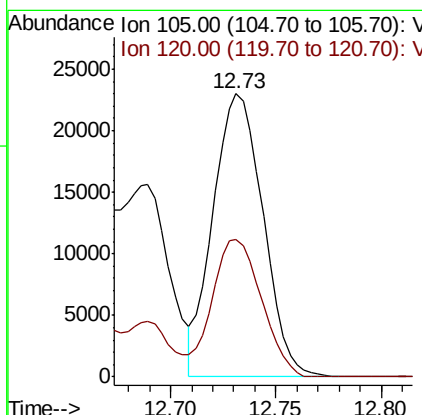
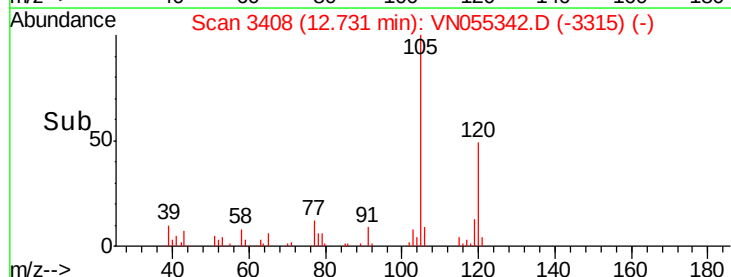


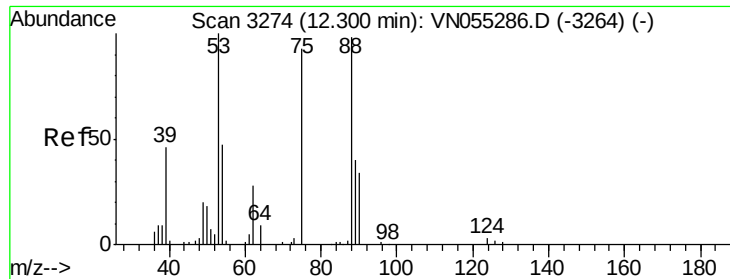
#80
 1,3,5-Trimethylbenzene
 Concen: 2.852 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055342.D
 Acq: 2 May 2019 11:37

Tgt Ion:105 Resp: 37848
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 132.029 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

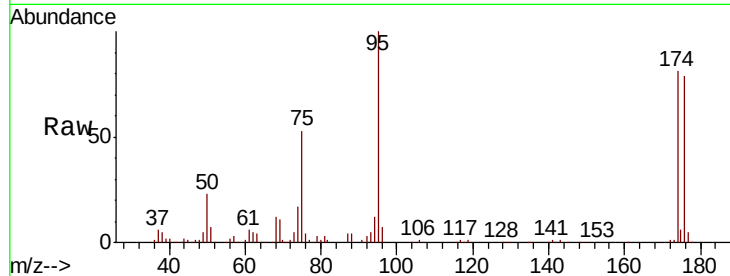
Tot Ion: 75 Resp: 117937

Ion Ratio Lower Upper

75 100

53 0.1 86.3 129.5#

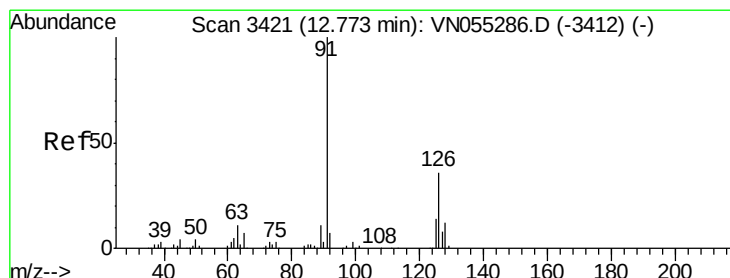
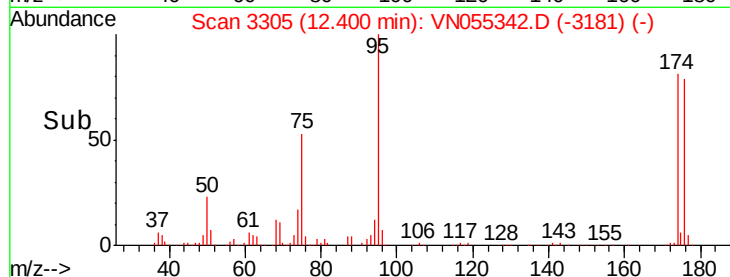
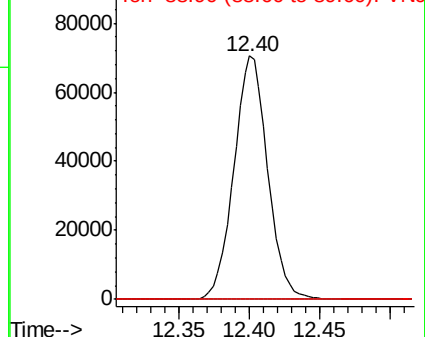
89 0.0 34.6 51.8#



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



#82

4-Chlorotoluene

Concen: 0.456 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.04 min

Lab File: VN055342.D

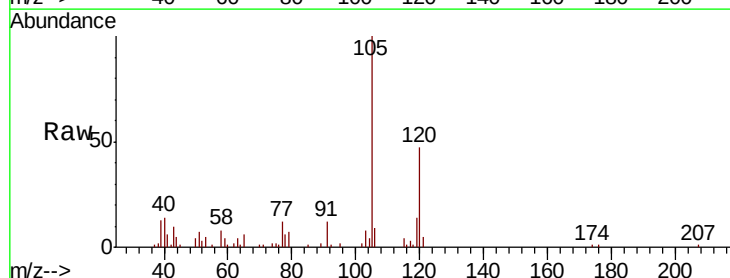
Acq: 2 May 2019 11:37

Tgt Ion: 91 Resp: 4611

Ion Ratio Lower Upper

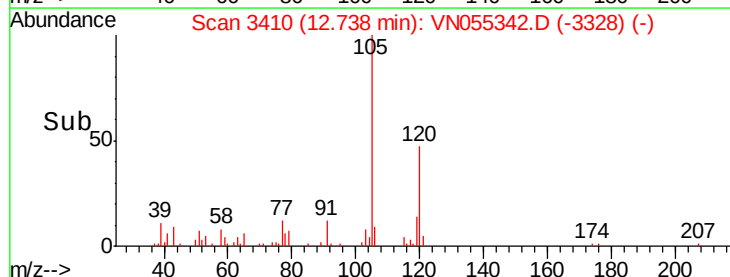
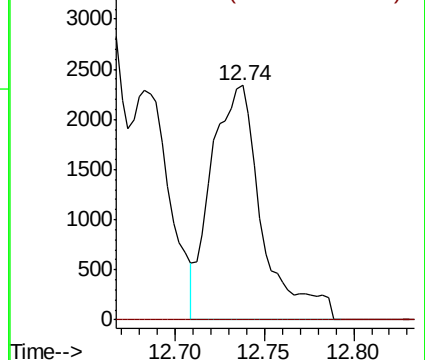
91 100

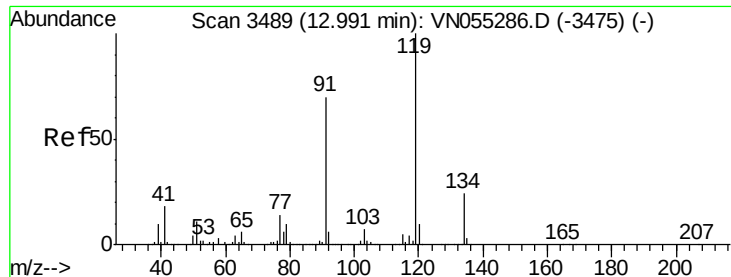
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

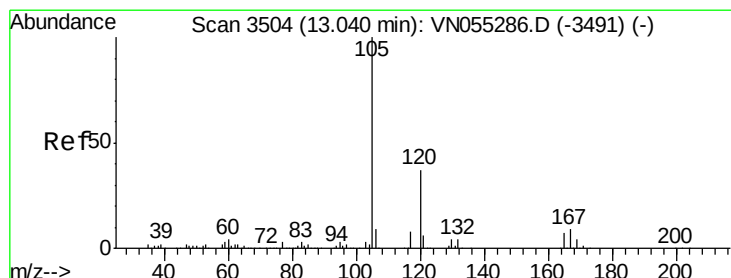
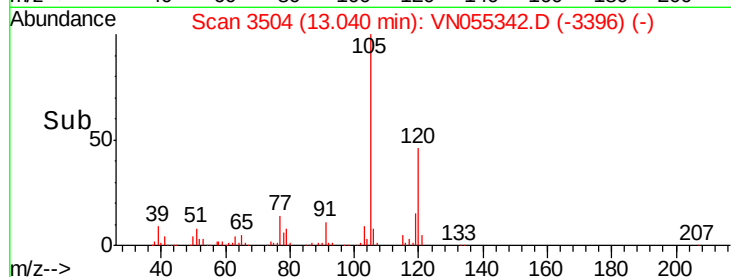
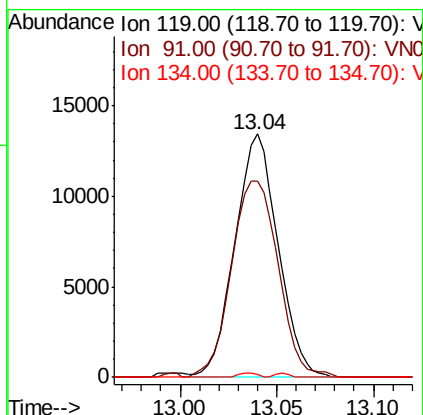
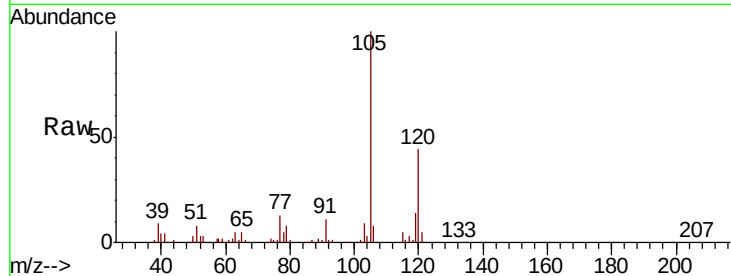




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN055342.D
 Acq: 2 May 2019 11:37

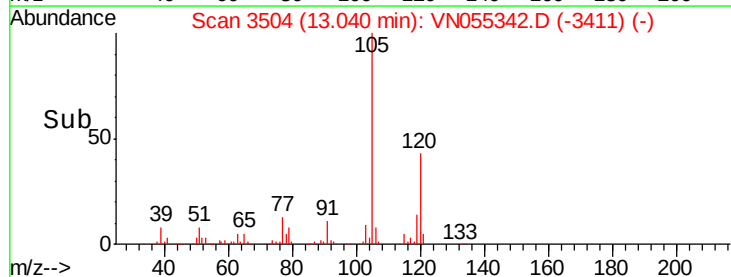
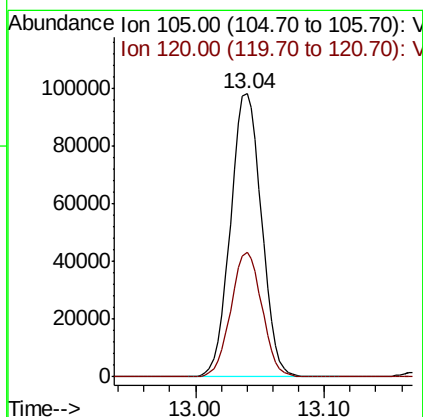
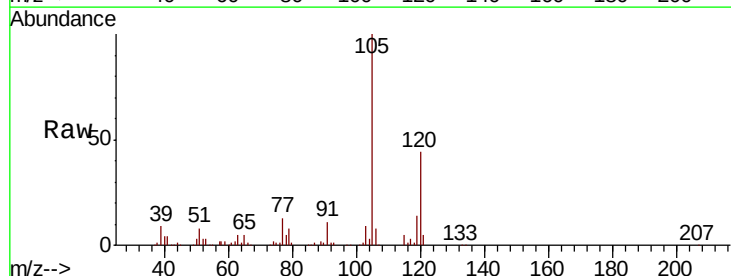
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

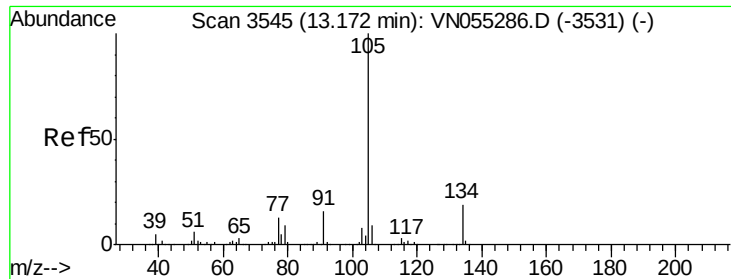
Tot Ion:119 Resp: 20866
 Ion Ratio Lower Upper
 119 100
 91 87.5 34.3 102.9
 134 0.7 13.1 39.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 13.824 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055342.D
 Acq: 2 May 2019 11:37

Tgt Ion:105 Resp: 164070
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 11.375 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampled :

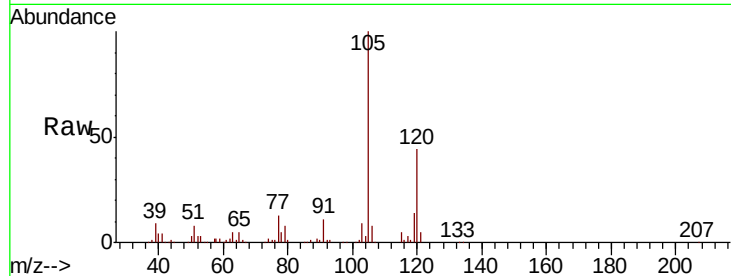
OILY-STONES

Tot Ion:105 Resp: 164070

Ion Ratio Lower Upper

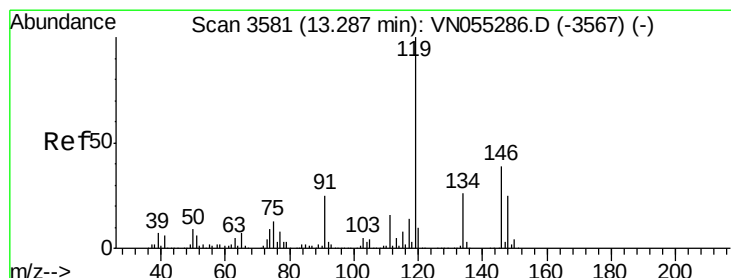
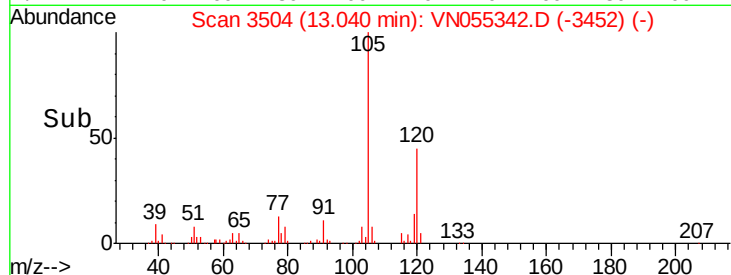
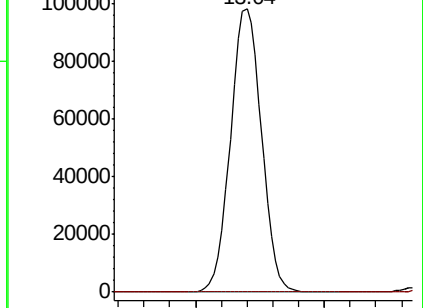
105 100

134 0.1 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.267 ug/l

RT: 13.23 min Scan# 3564

Delta R.T. -0.05 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

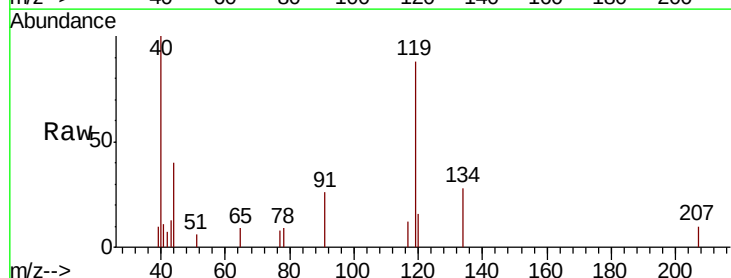
Tgt Ion:119 Resp: 3160

Ion Ratio Lower Upper

119 100

134 30.4 13.0 38.9

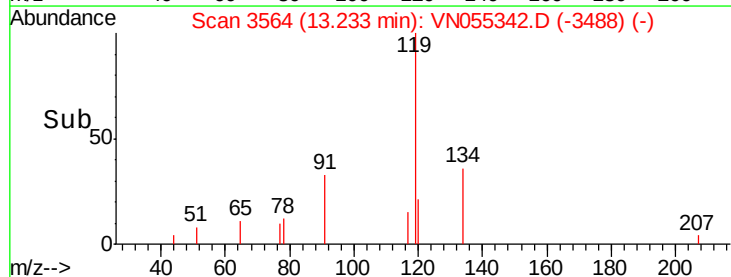
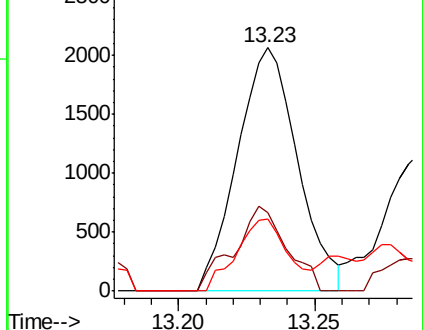
91 25.6 12.2 36.6

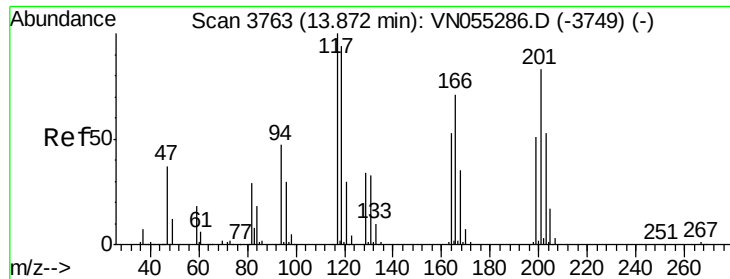


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

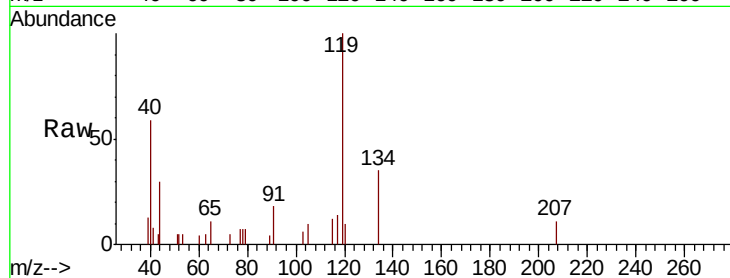
OILY-STONES

Tot Ion:117 Resp: 1050

Ion Ratio Lower Upper

117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

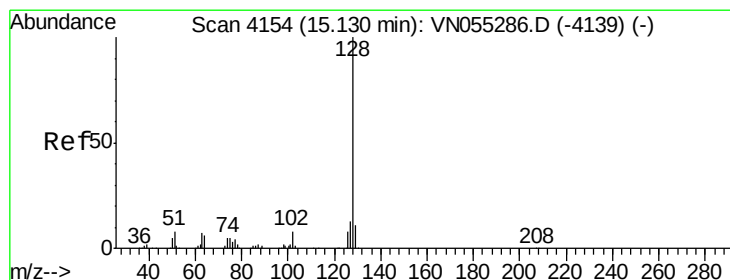
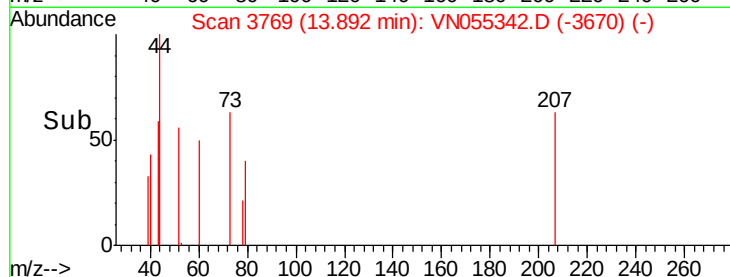
600

400

200

0

Time-->



#95

Naphthalene

Concen: 5.755 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

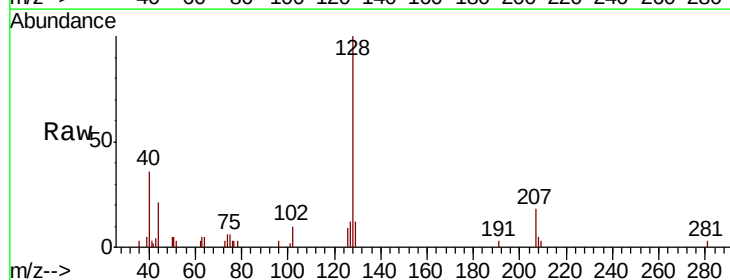
Tgt Ion:128 Resp: 12232

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.14

8000

6000

4000

2000

0

Time-->

