

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112718\
 Data File : VN052490.D
 Acq On : 27 Nov 2018 20:19
 Operator : MD\SY
 Sample : J6055-02ME
 Misc : 4.03g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RICH-REC-ROAD-STONE-7ME

Quant Time: Nov 28 06:14:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1325476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1997363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1711508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	677682	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	649989	45.04	ug/l	0.00
Spiked Amount			Recovery	=	90.08%	
35) Dibromofluoromethane	7.59	113	596297	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	10.09	98	2415741	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	775684	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	1047	1.449	ug/l #	73
13) Acrolein	3.61	56	831	34.043	ug/l #	14
14) Allyl chloride	4.32	41	12348	0.577	ug/l #	34
16) Acetone	3.81	43	2132	0.560	ug/l	93
18) Methyl Acetate	4.32	43	861193	78.871	ug/l	99
25) 2-Butanone	6.85	43	6582	1.220	ug/l #	89
31) Cyclohexane	7.66	56	42029	1.336	ug/l #	12
36) 1,1-Dichloropropene	7.66	75	91096	4.830	ug/l #	49
37) Ethyl Acetate	6.85	43	6582	0.572	ug/l #	68
38) Carbon Tetrachloride	7.66	117	116237	6.808	ug/l #	15
39) Methylcyclohexane	9.08	83	42003	1.832	ug/l	96
40) Benzene	8.04	78	29744	0.529	ug/l	99
52) Toluene	10.16	92	173083	5.183	ug/l	98
56) Ethyl methacrylate	10.43	69	980	2.750	ug/l #	54
67) Ethyl Benzene	11.51	91	91261	1.477	ug/l	97
68) m/p-Xylenes	11.62	106	203807	8.858	ug/l	100
69) o-Xylene	11.95	106	77864	3.485	ug/l	100
71) Bromoform	12.40	173	4516	0.556	ug/l #	1
73) Isopropylbenzene	12.25	105	12747	0.240	ug/l	99
74) N-amyl acetate	12.05	43	2987	0.222	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	368122	35.226	ug/l #	100
78) n-propylbenzene	12.59	91	39529	0.654	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	74486	1.757	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	368122	117.639	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	242977	5.718	ug/l	100
85) sec-Butylbenzene	13.17	105	10357	0.201	ug/l	83
89) n-Butylbenzene	13.62	91	13766	0.377	ug/l #	77
90) Hexachloroethane	13.89	117	3898	0.525	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.25	75	573	0.331	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	4823	3.208	ug/l #	61
94) Hexachlorobutadiene	15.01	225	2193	0.310	ug/l	88
95) Naphthalene	15.14	128	47336	5.157	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	5303	3.180	ug/l #	65

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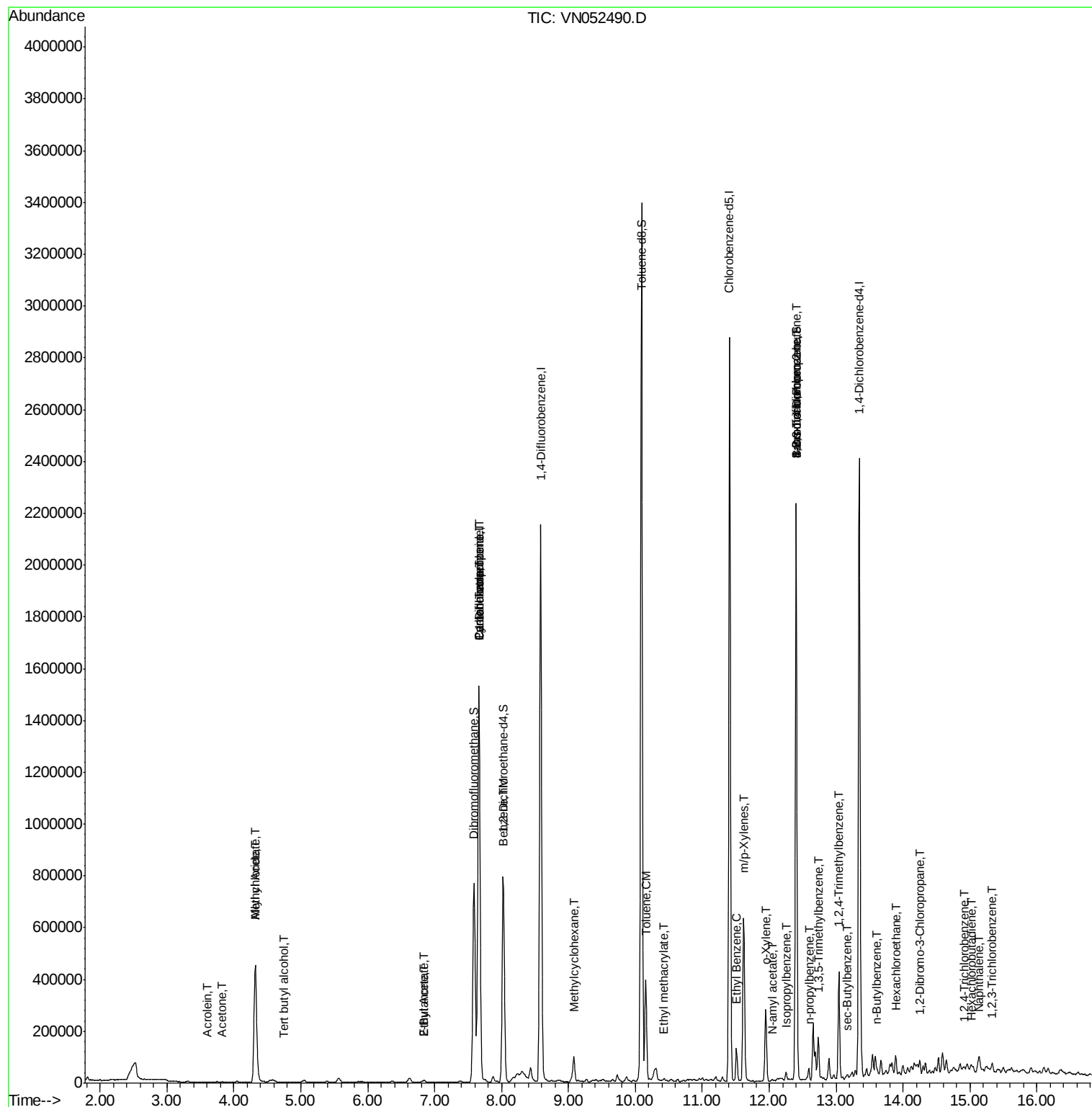
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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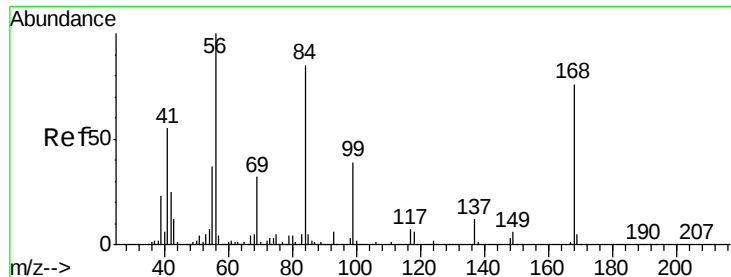
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

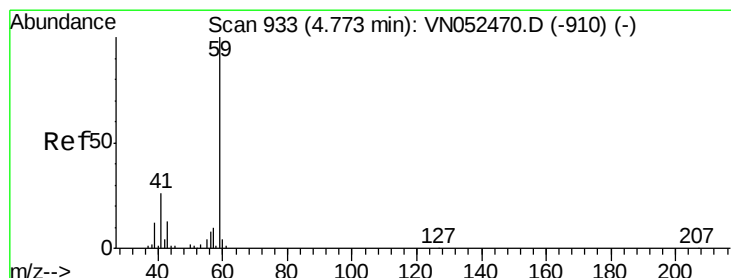
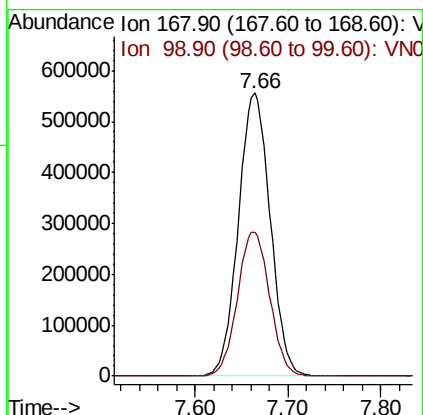
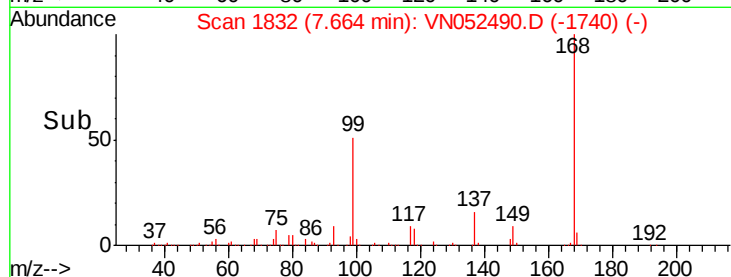
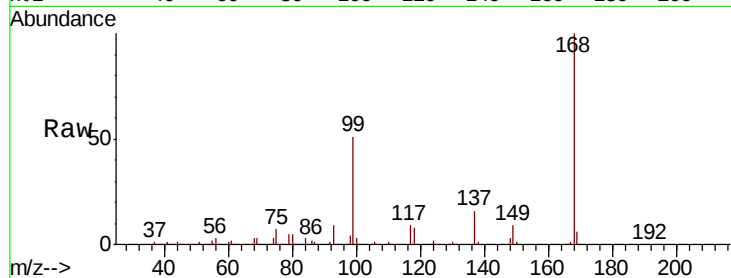
RICH-REC-ROAD-STONE-7ME

Tot Ion:168 Resp: 1325476

Ion Ratio Lower Upper

168 100

99 50.8 41.7 62.5



#11

Tert butyl alcohol

Concen: 1.449 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.02 min

Lab File: VN052490.D

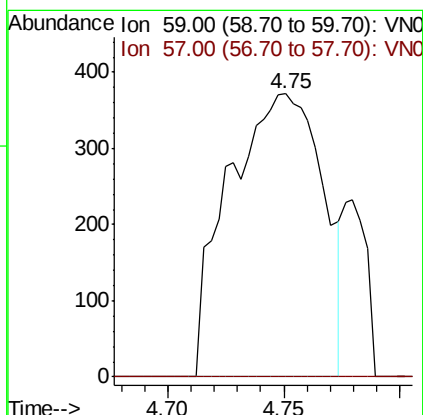
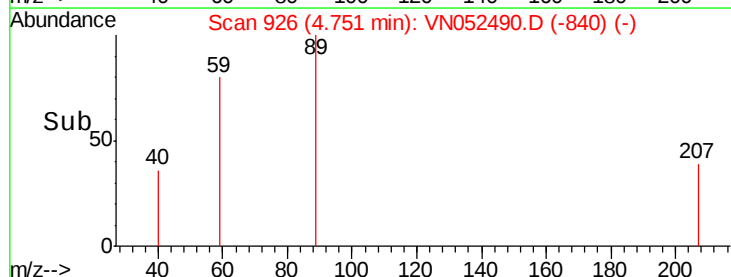
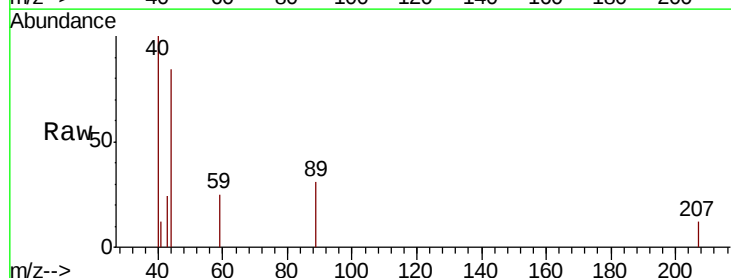
Acq: 27 Nov 2018 20:19

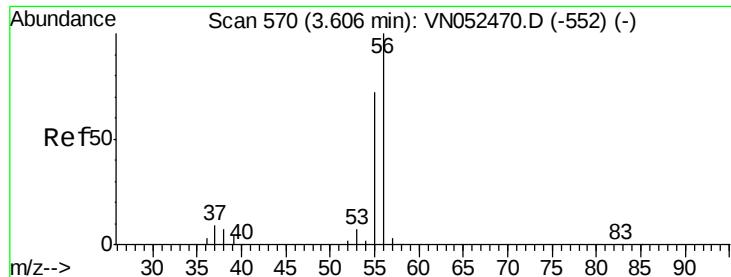
Tgt Ion: 59 Resp: 1047

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#13

Acrolein

Concen: 34.043 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

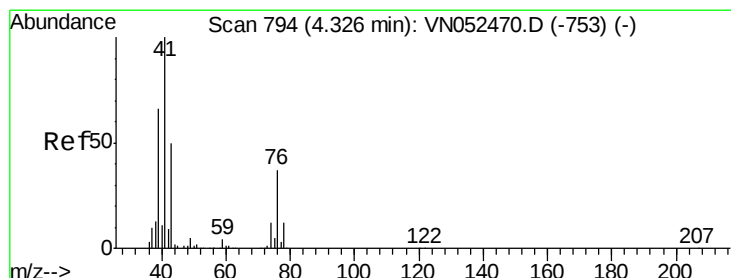
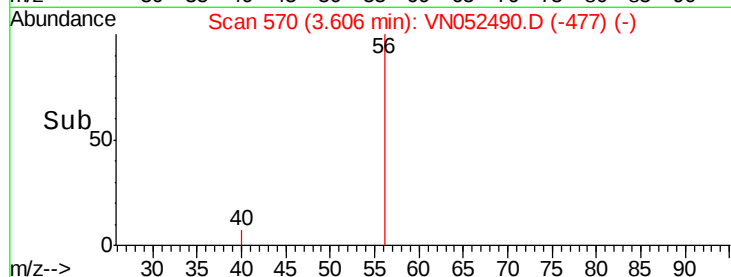
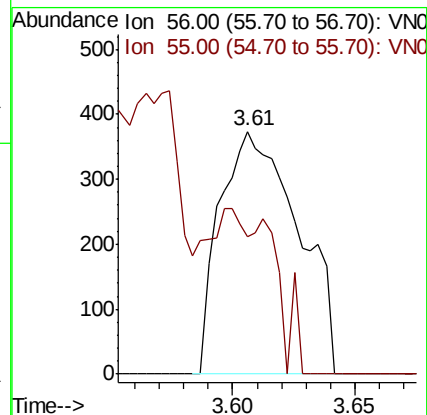
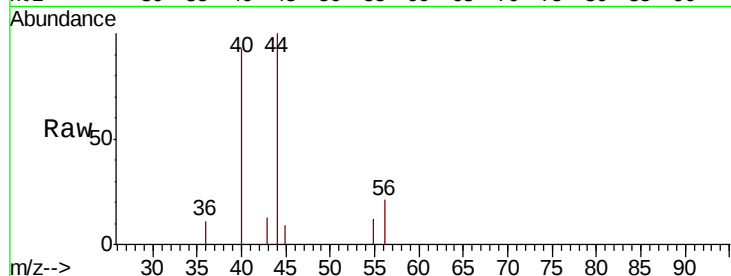
RICH-REC-ROAD-STONE-7ME

Tot Ion: 56 Resp: 831

Ion Ratio Lower Upper

56 100

55 0.0 56.8 85.2#



#14

Allyl chloride

Concen: 0.577 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

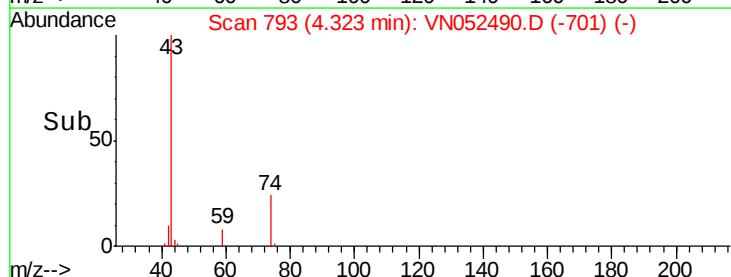
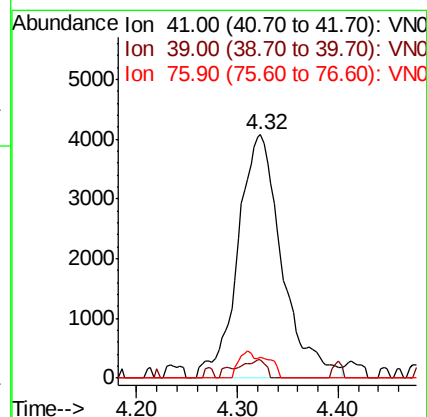
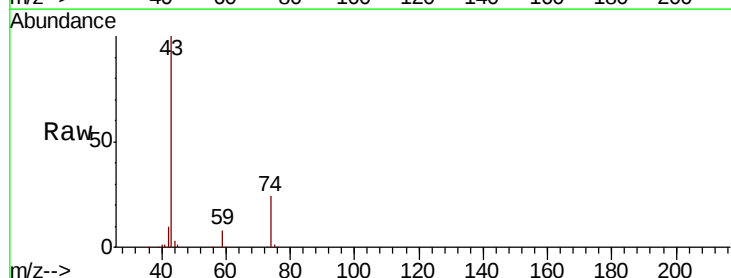
Tgt Ion: 41 Resp: 12348

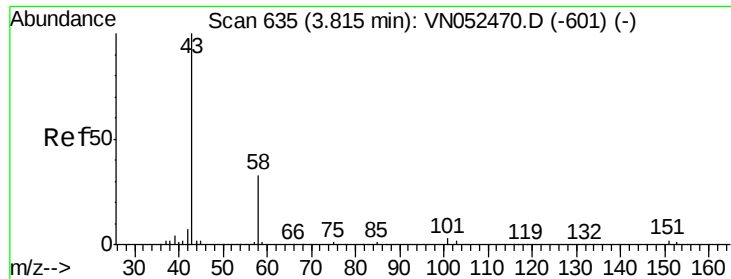
Ion Ratio Lower Upper

41 100

39 3.7 50.6 76.0#

76 7.1 27.4 41.2#





#16

Acetone

Concen: 0.560 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

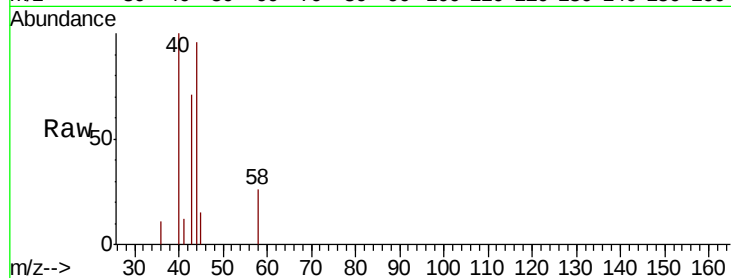
RICH-REC-ROAD-STONE-7ME

Tot Ion: 43 Resp: 2132

Ion Ratio Lower Upper

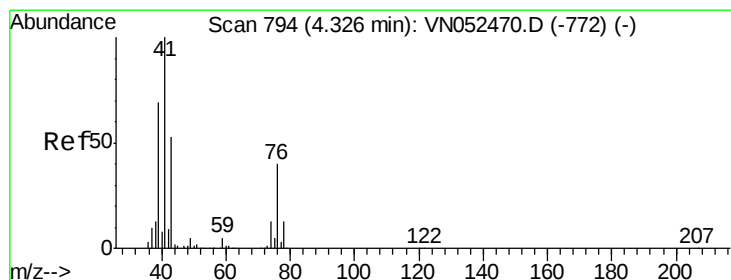
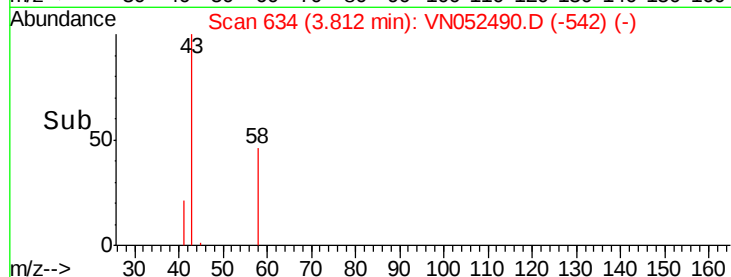
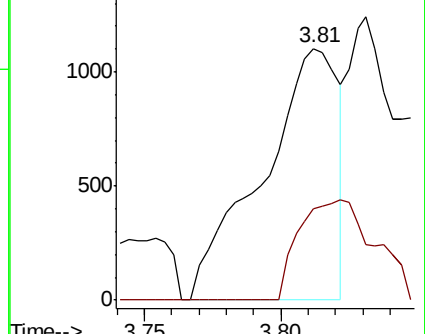
43 100

58 36.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 78.871 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.01 min

Lab File: VN052490.D

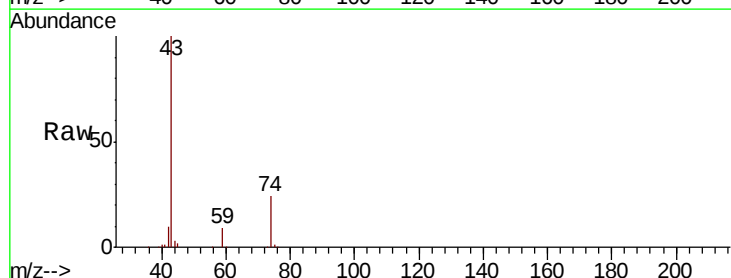
Acq: 27 Nov 2018 20:19

Tgt Ion: 43 Resp: 861193

Ion Ratio Lower Upper

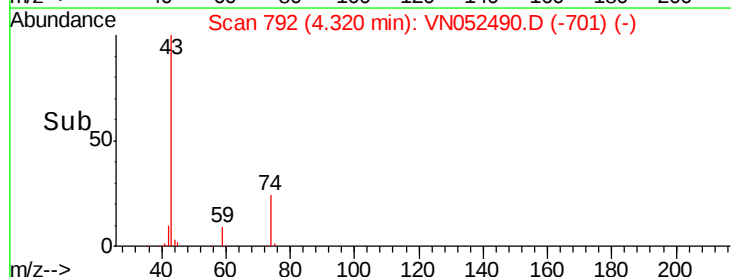
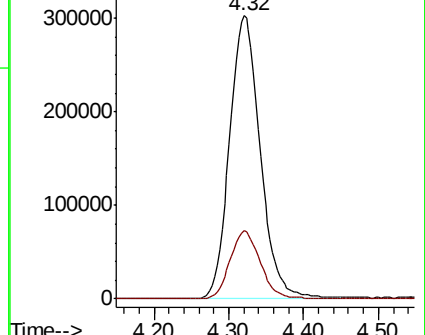
43 100

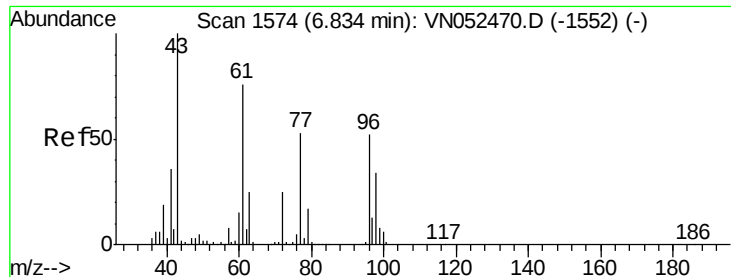
74 23.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

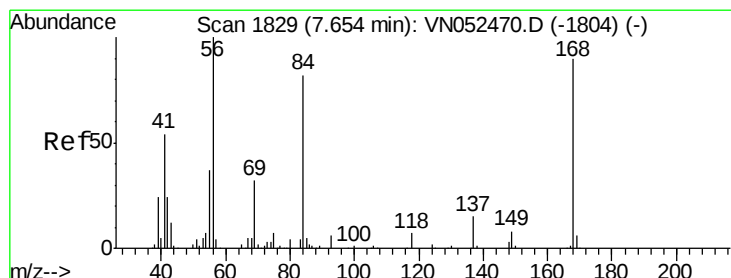
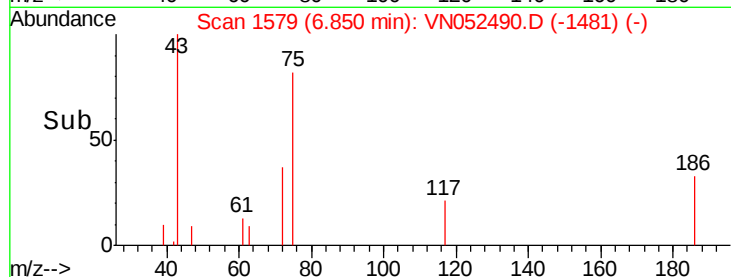
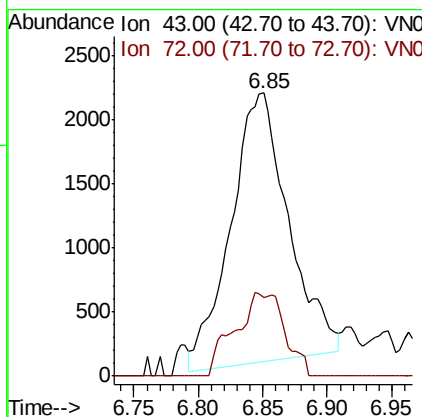
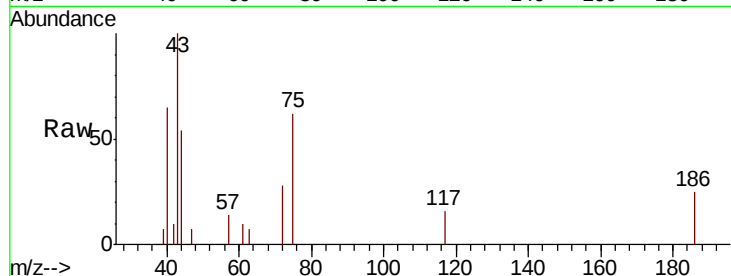




#25
2-Butanone
Concen: 1.220 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

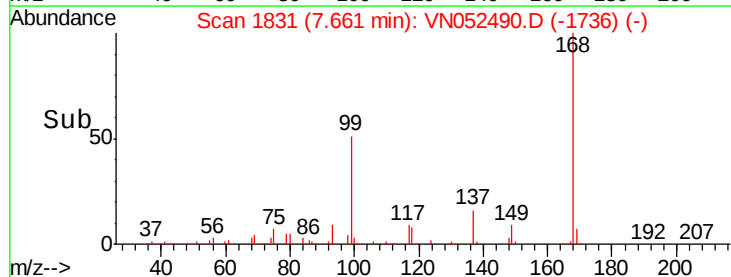
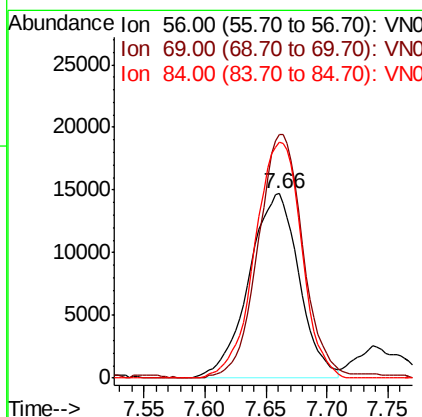
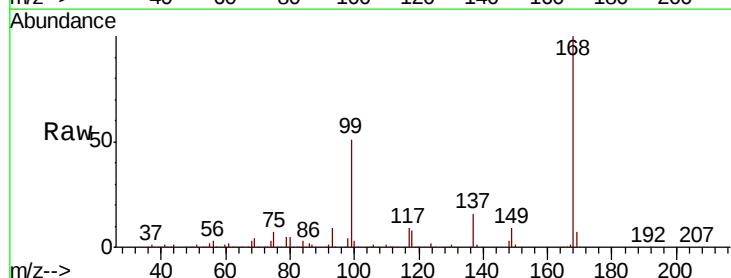
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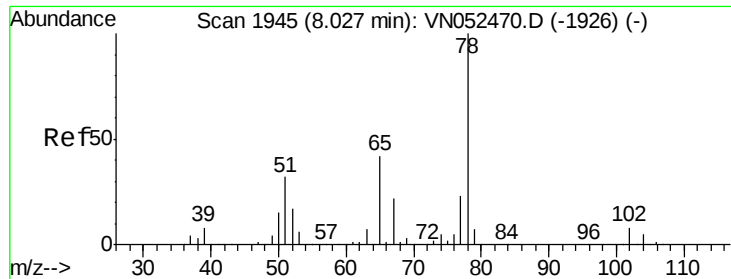
Tot Ion: 43 Resp: 6582
Ion Ratio Lower Upper
43 100
72 30.5 20.1 30.1#



#31
Cyclohexane
Concen: 1.336 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

Tgt Ion: 56 Resp: 42029
Ion Ratio Lower Upper
56 100
69 131.8 25.8 38.6#
84 128.0 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

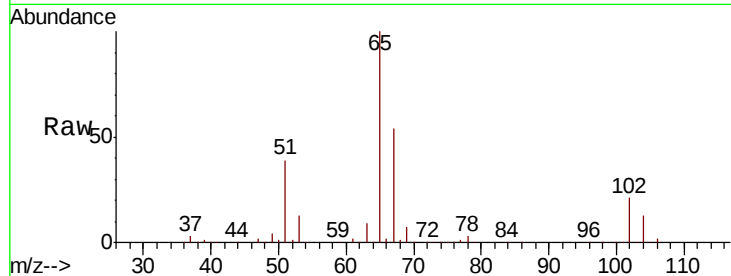
RICH-REC-ROAD-STONE-7ME

Tot Ion: 65 Resp: 649989

Ion Ratio Lower Upper

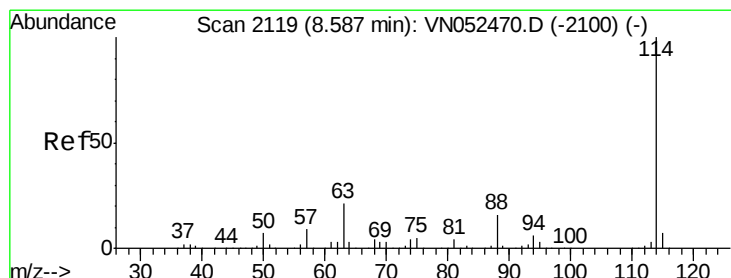
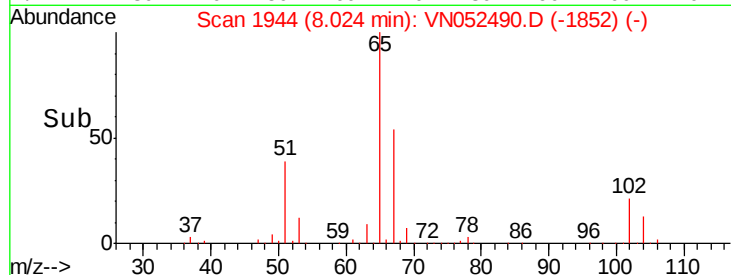
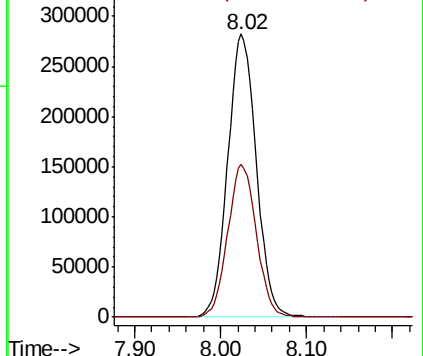
65 100

67 54.3 0.0 109.8



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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

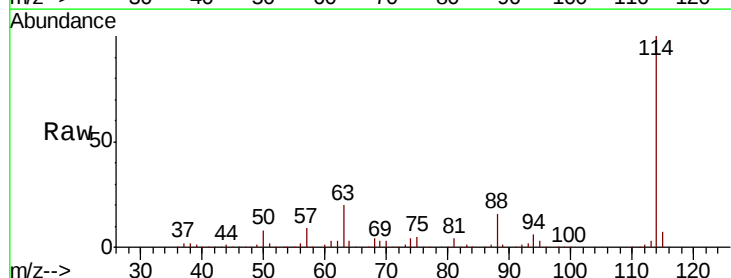
Tgt Ion: 114 Resp: 1997363

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.8

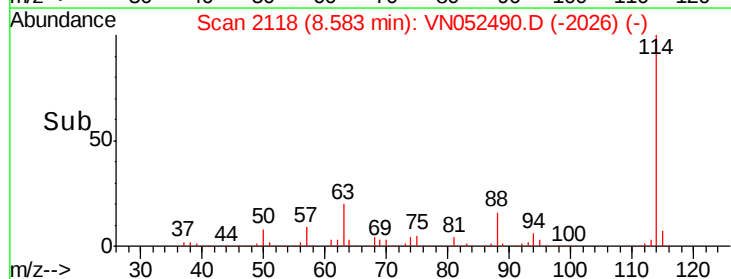
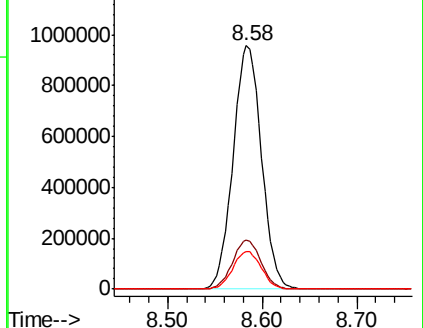
88 15.6 0.0 31.6

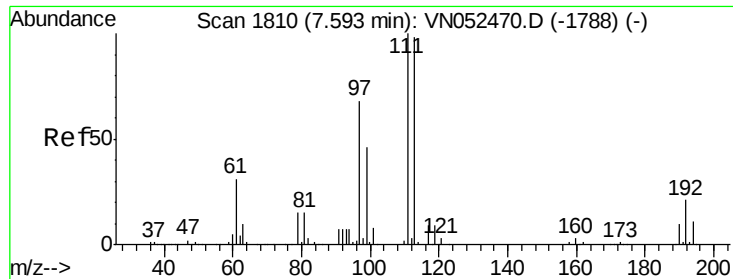


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

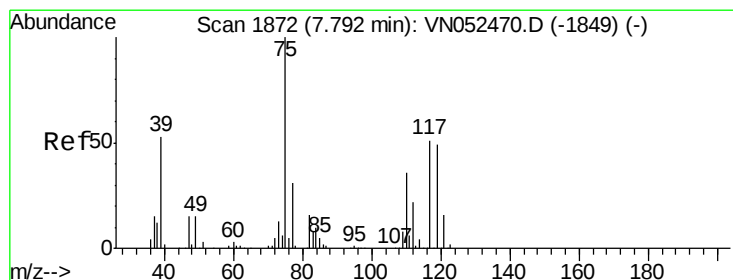
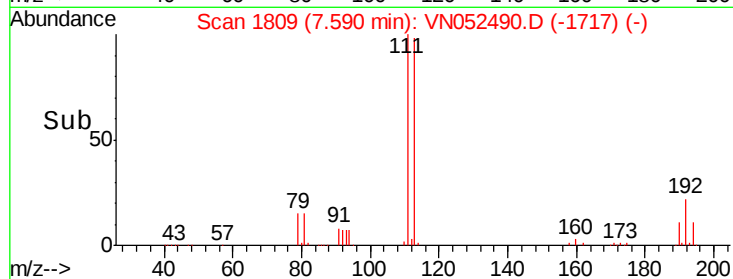
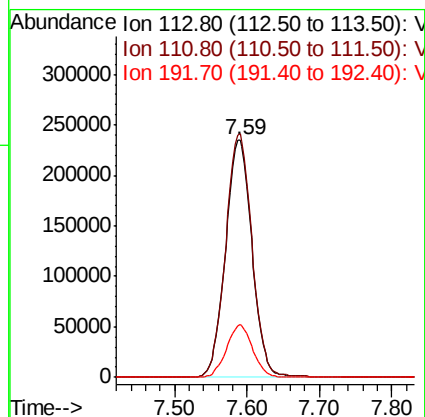
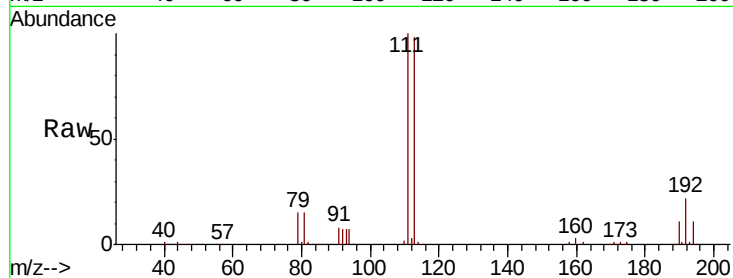




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052490.D
 Acq: 27 Nov 2018 20:19

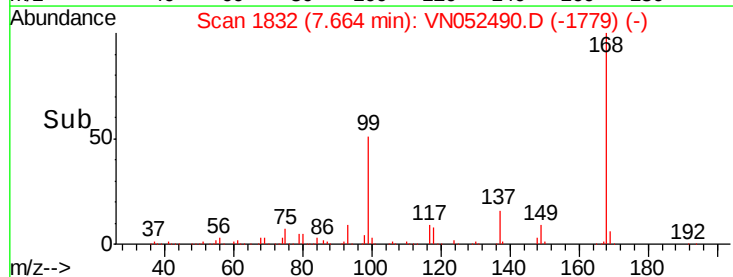
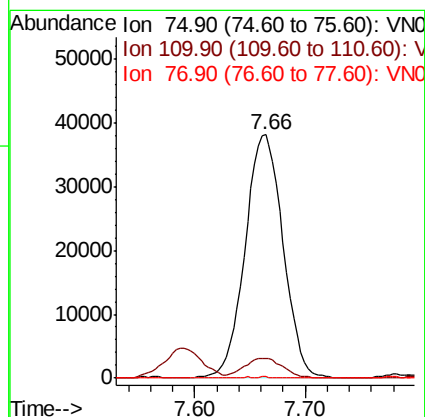
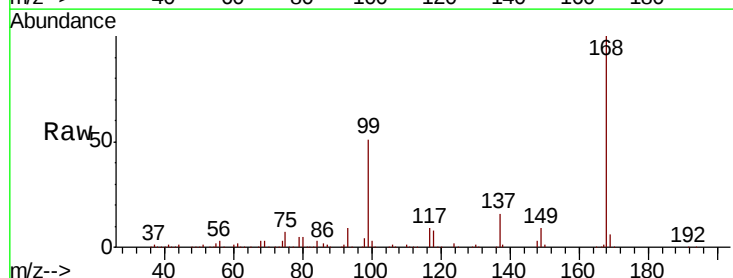
Instrument :
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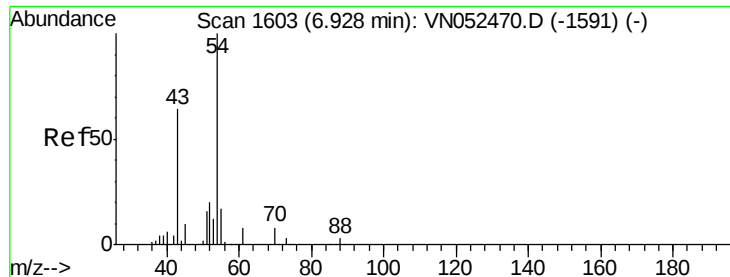
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	21.8	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.830 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052490.D
 Acq: 27 Nov 2018 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.5	52.6#
77	0.0	24.5	36.7#

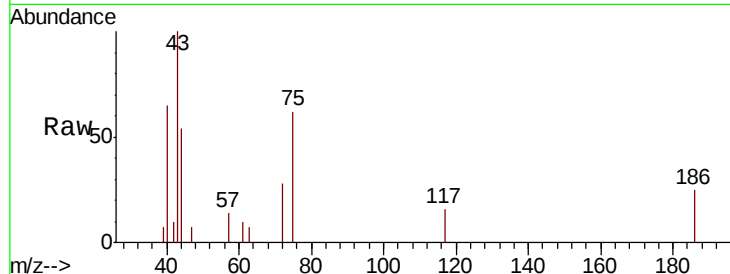




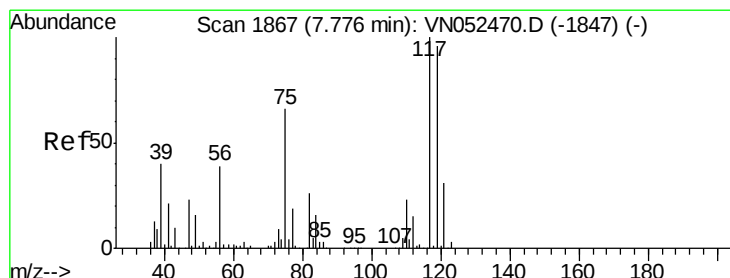
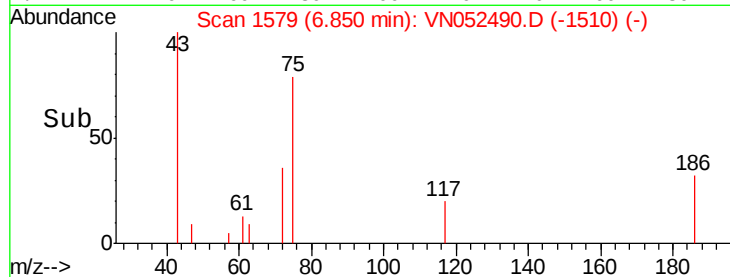
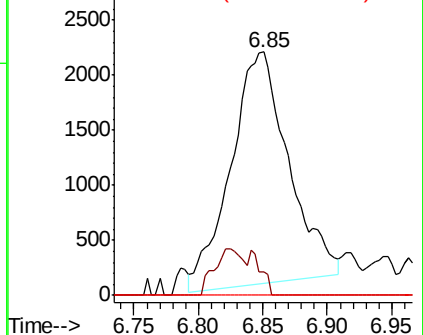
#37
Ethyl Acetate
Concen: 0.572 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. -0.08 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tot Ion: 43 Resp: 6582
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 7.8 11.8#

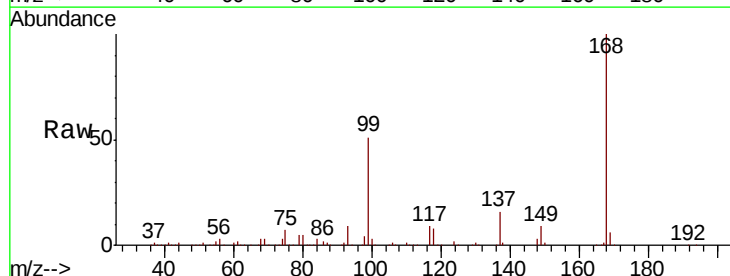


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

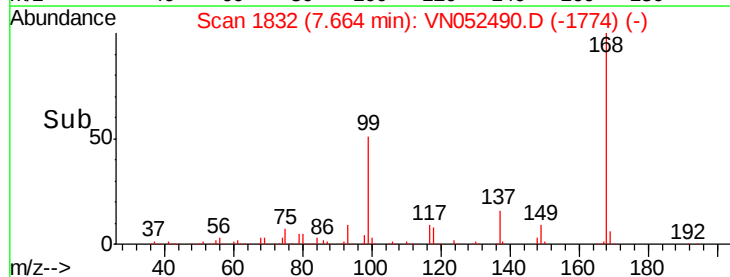
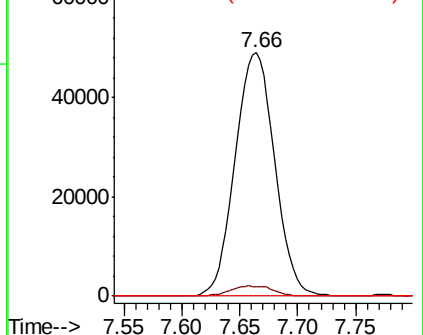


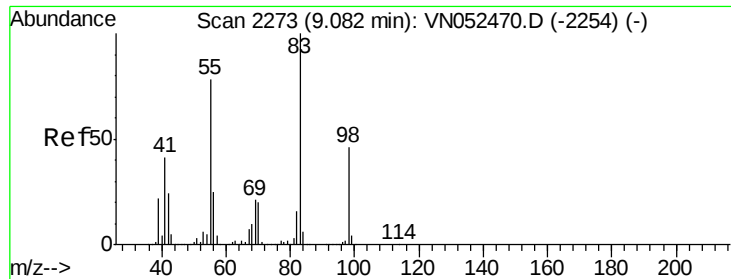
#38
Carbon Tetrachloride
Concen: 6.808 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

Tgt Ion: 117 Resp: 116237
Ion Ratio Lower Upper
117 100
119 3.7 76.8 115.2#
121 0.0 24.9 37.3#



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

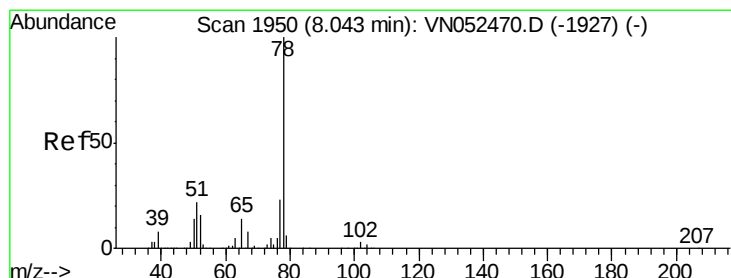
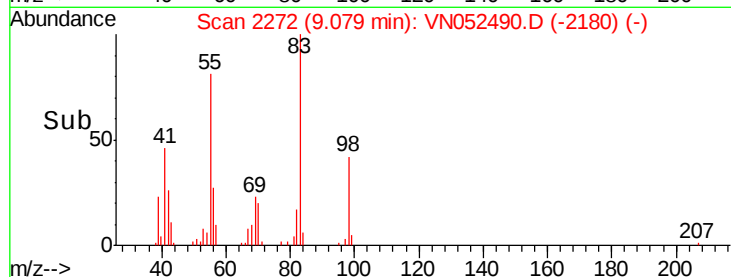
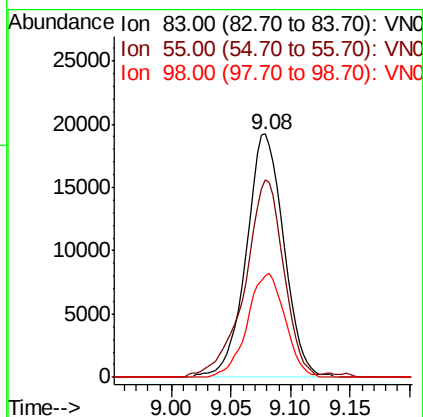
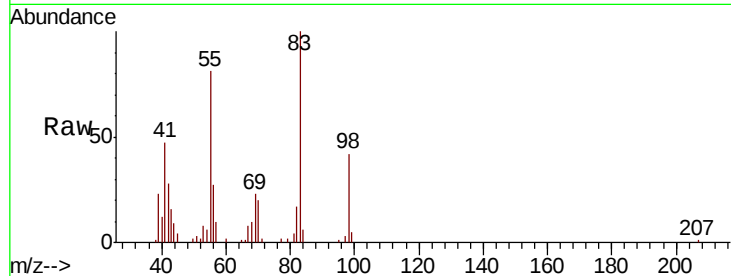




#39
Methvlcvclohexane
Concen: 1.832 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

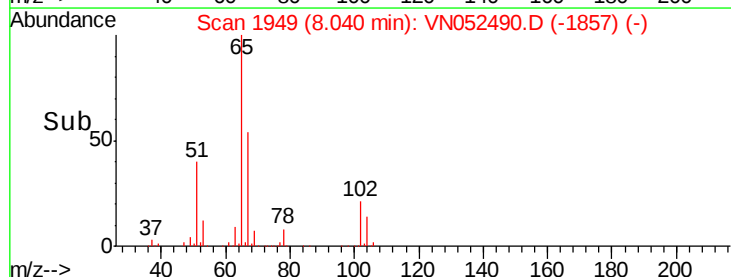
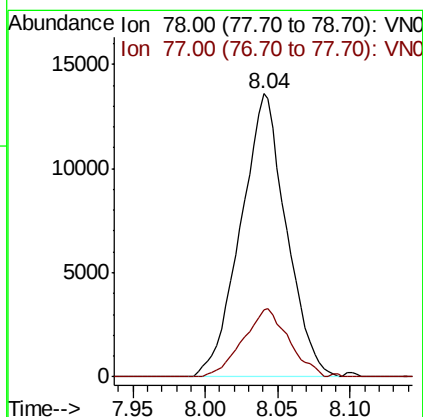
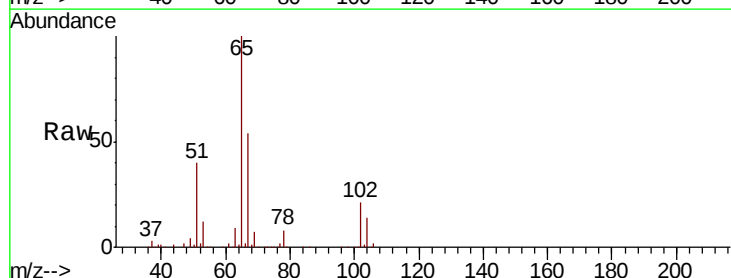
Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

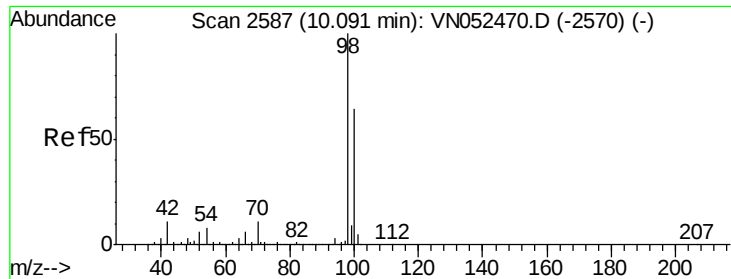
Tot Ion: 83 Resp: 42003
Ion Ratio Lower Upper
83 100
55 79.8 62.2 93.2
98 41.5 36.4 54.6



#40
Benzene
Concen: 0.529 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

Tgt Ion: 78 Resp: 29744
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

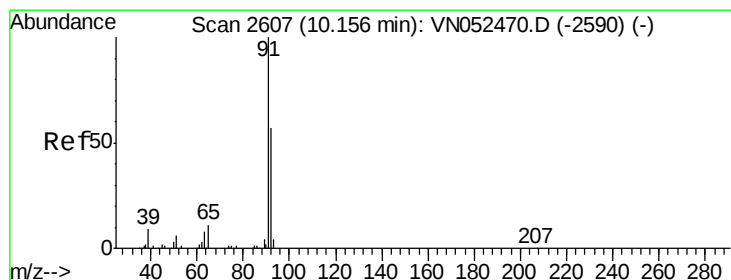
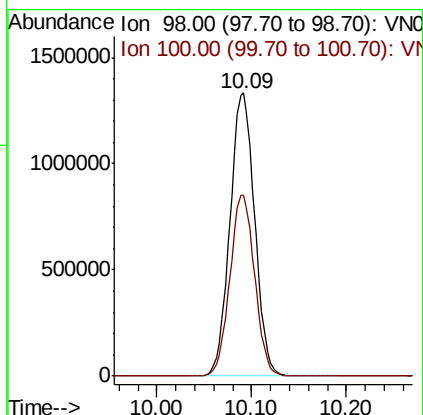
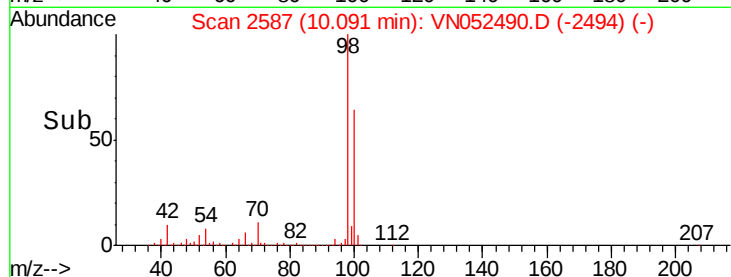
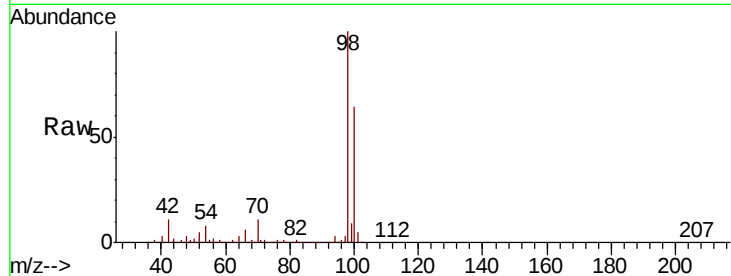
RICH-REC-ROAD-STONE-7ME

Tot Ion: 98 Resp: 2415741

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#52

Toluene

Concen: 5.183 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052490.D

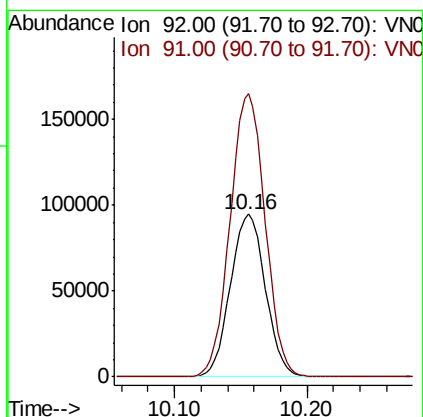
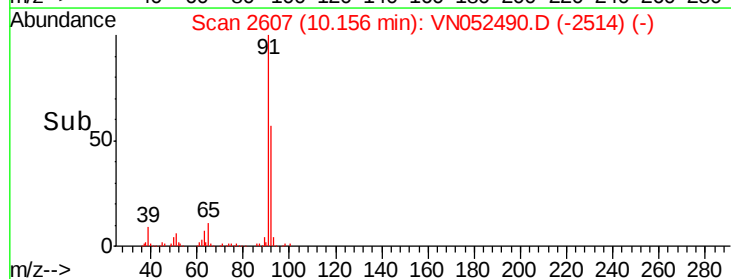
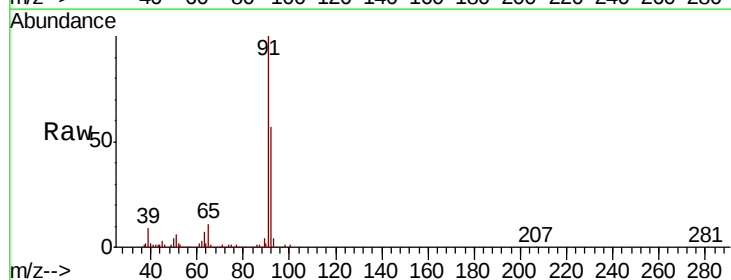
Acq: 27 Nov 2018 20:19

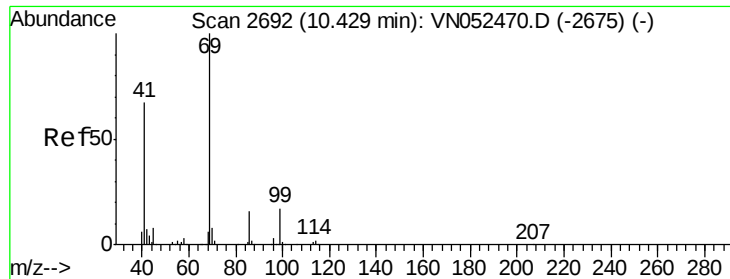
Tgt Ion: 92 Resp: 173083

Ion Ratio Lower Upper

92 100

91 173.9 141.0 211.4

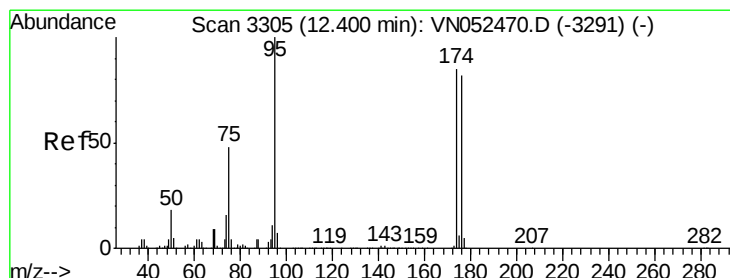
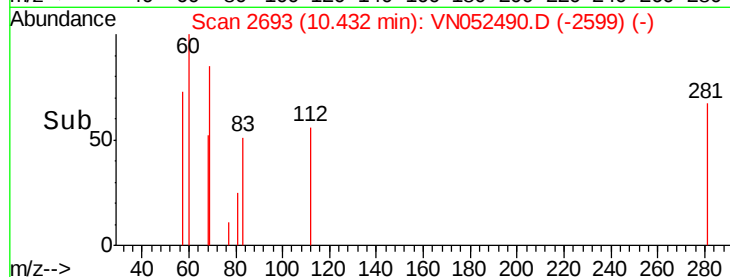
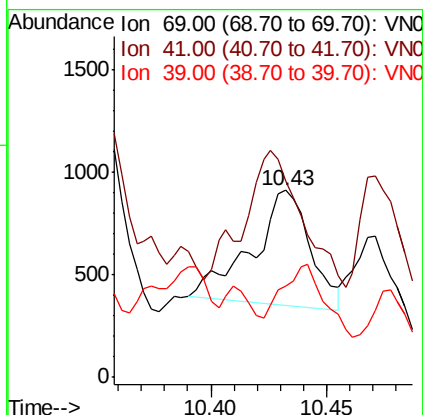
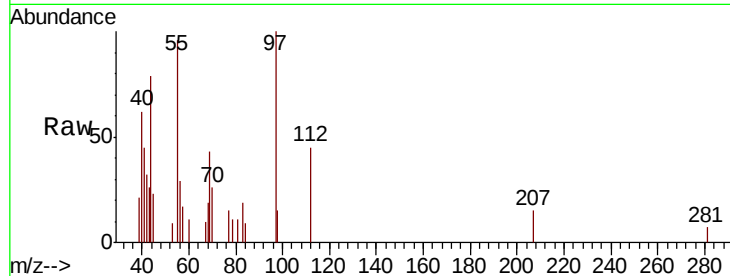




#56
Ethyl methacrylate
Concen: 2.750 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

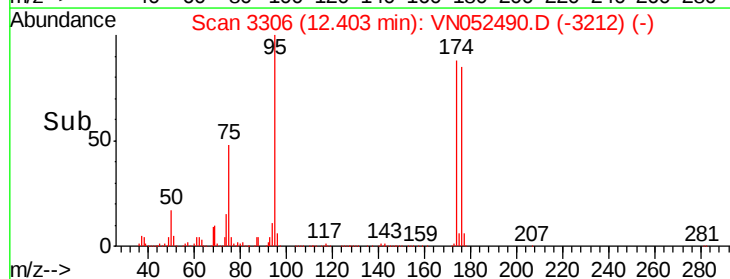
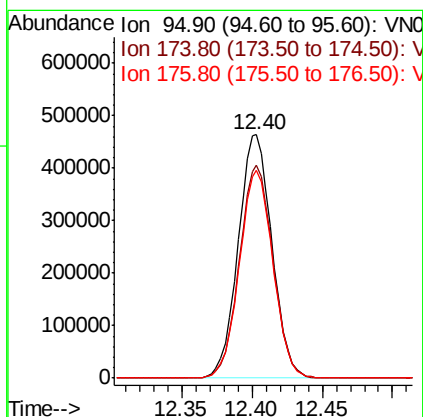
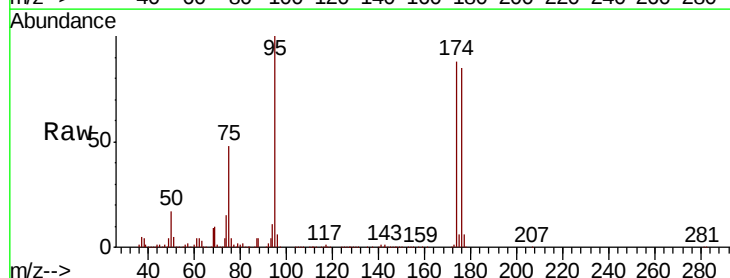
Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

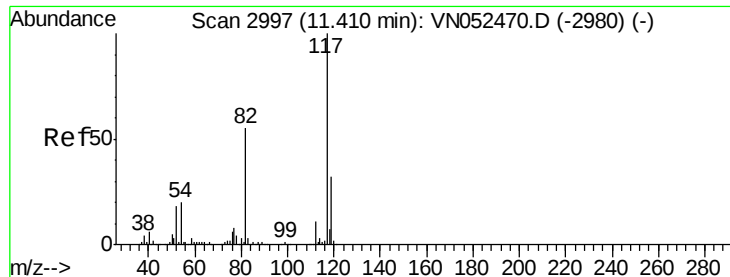
Tot Ion: 69 Resp: 980
Ion Ratio Lower Upper
69 100
41 97.8 52.6 79.0#
39 0.0 25.9 38.9#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

Tgt Ion: 95 Resp: 775684
Ion Ratio Lower Upper
95 100
174 87.4 0.0 173.0
176 85.1 0.0 166.2

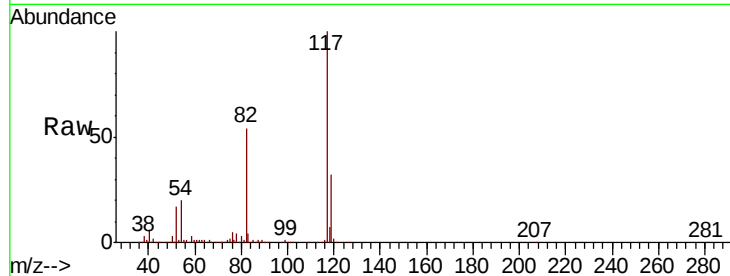




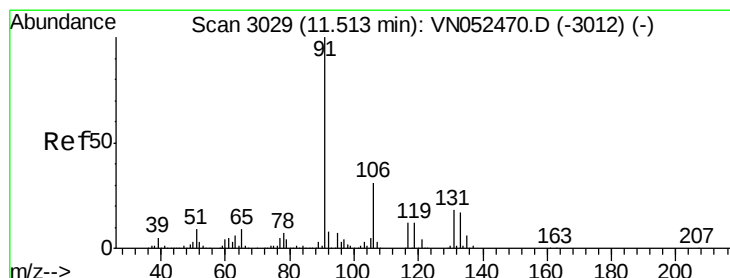
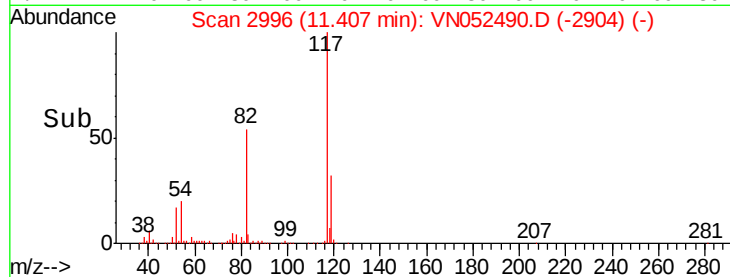
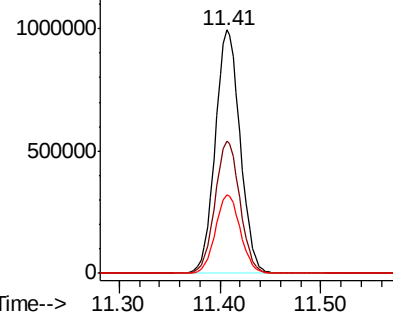
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tot Ion:117 Resp: 1711508
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 32.3 25.4 38.2

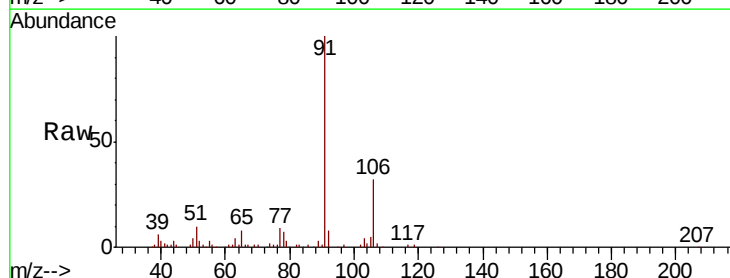


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

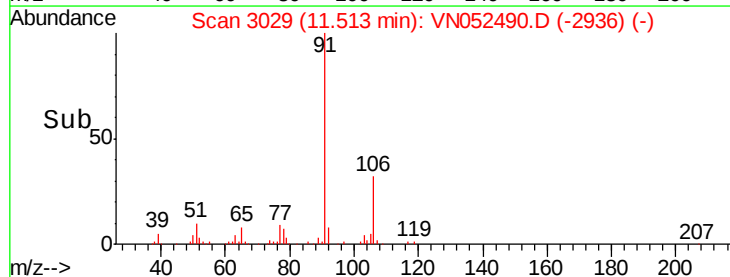
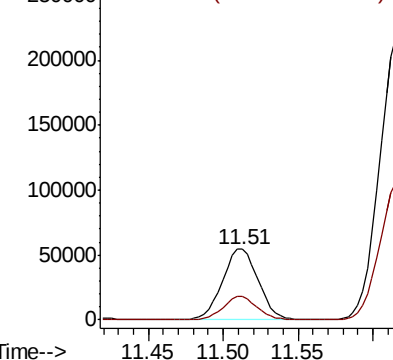


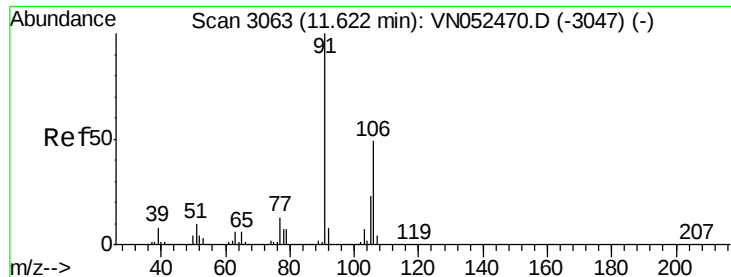
#67
Ethyl Benzene
Concen: 1.477 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

Tgt Ion: 91 Resp: 91261
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3



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

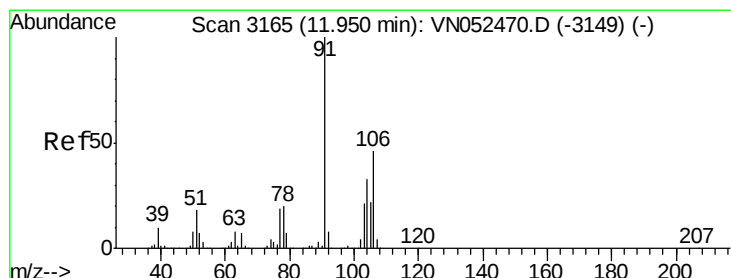
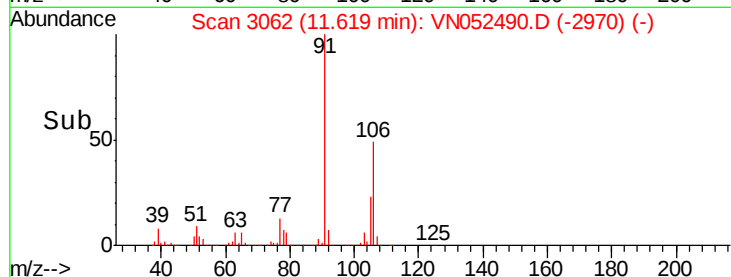
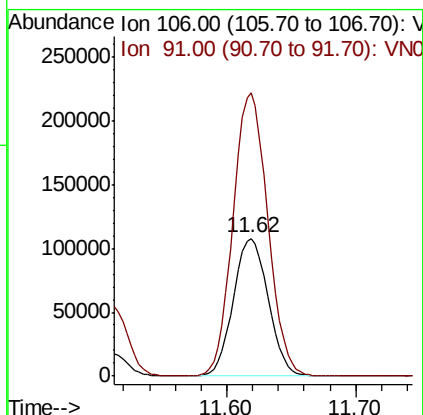
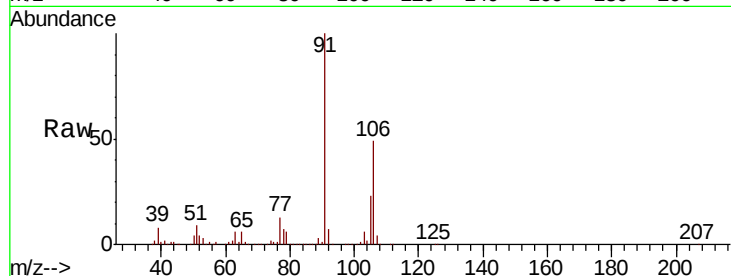




#68
m/p-Xylenes
Concen: 8.858 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

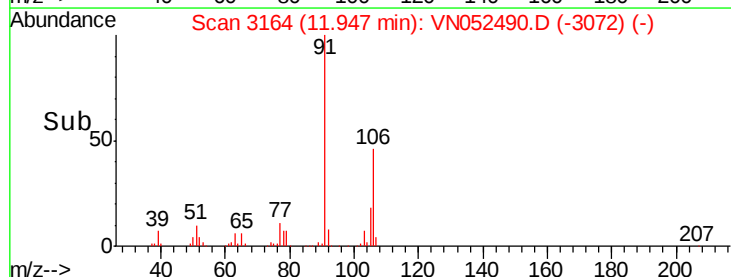
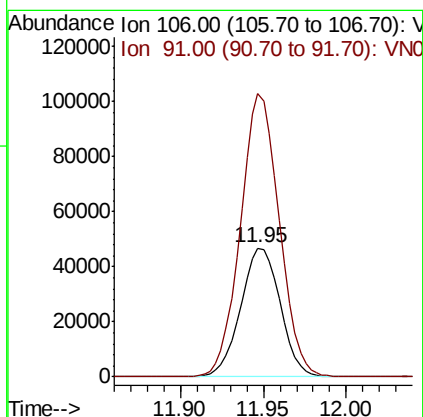
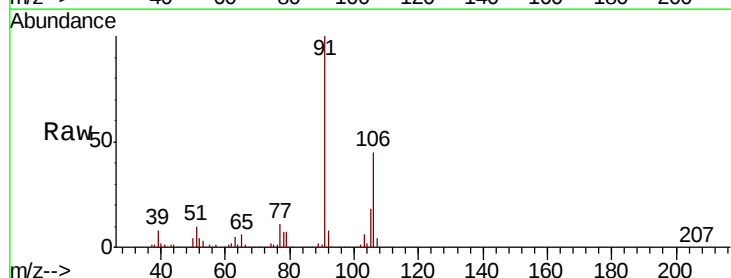
Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

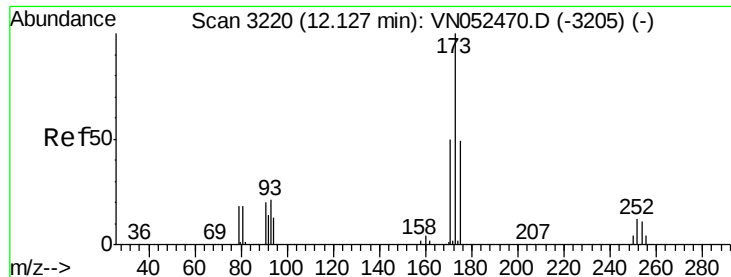
Tot Ion:106 Resp: 203807
Ion Ratio Lower Upper
106 100
91 203.9 163.2 244.8



#69
o-Xylene
Concen: 3.485 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

Tgt Ion:106 Resp: 77864
Ion Ratio Lower Upper
106 100
91 215.3 107.7 323.1





#71

Bromoform

Concen: 0.556 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

RICH-REC-ROAD-STONE-7ME

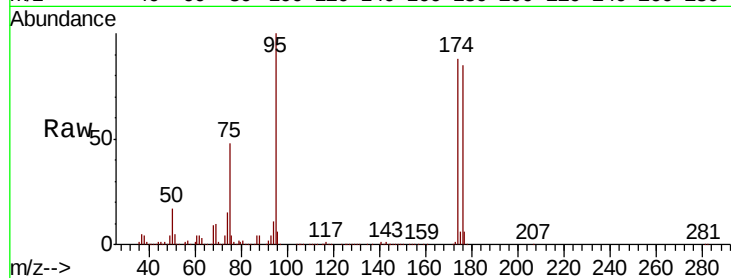
Tot Ion:173 Resp: 4516

Ion Ratio Lower Upper

173 100

175 906.2 24.4 73.2#

254 0.0 0.1 0.1#

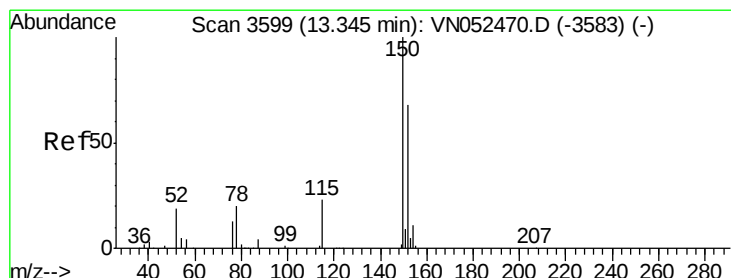
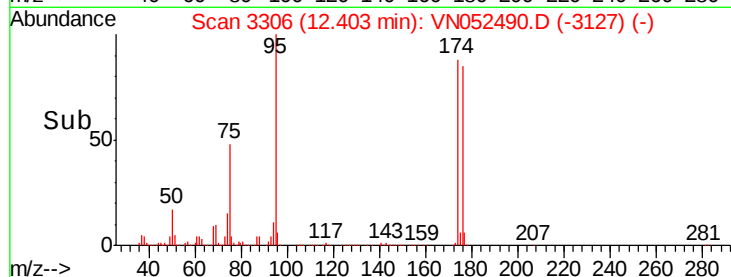
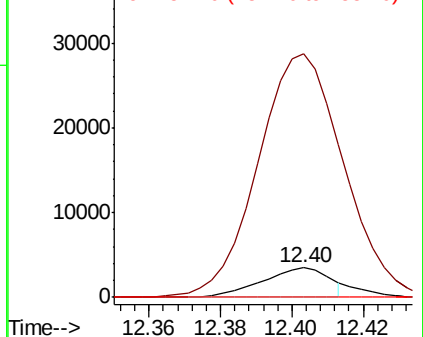


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

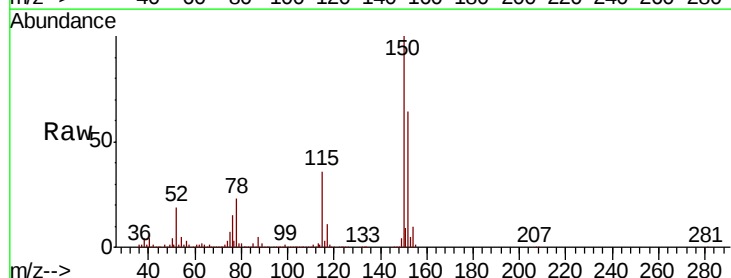
Tgt Ion:152 Resp: 677682

Ion Ratio Lower Upper

152 100

115 56.9 28.4 85.2

150 156.6 0.0 346.0

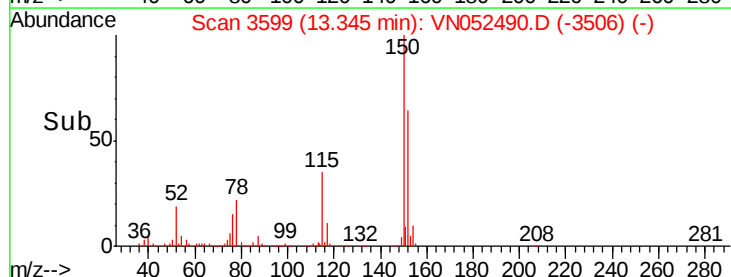
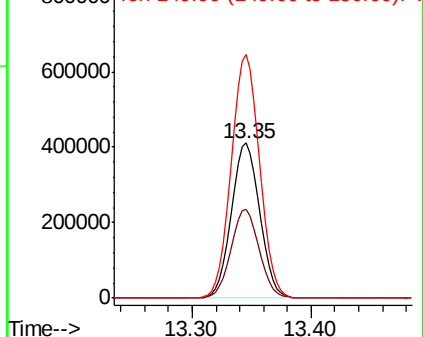


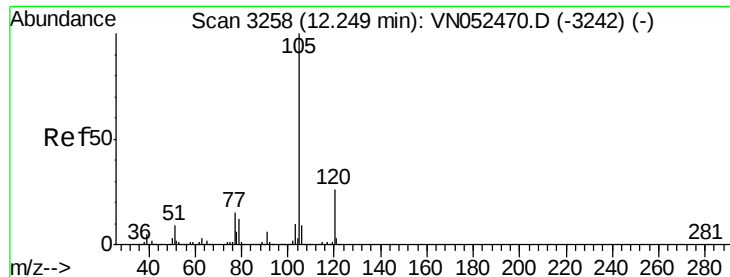
Abundance

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: 0.240 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

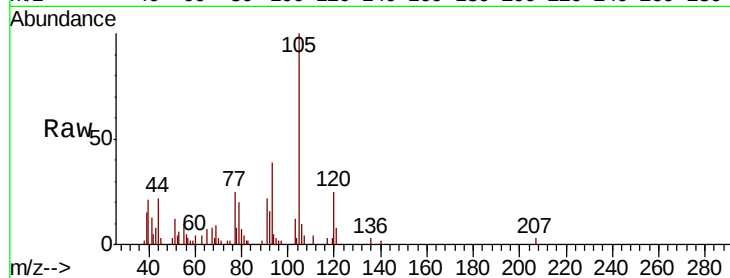
RICH-REC-ROAD-STONE-7ME

Tot Ion:105 Resp: 12747

Ion Ratio Lower Upper

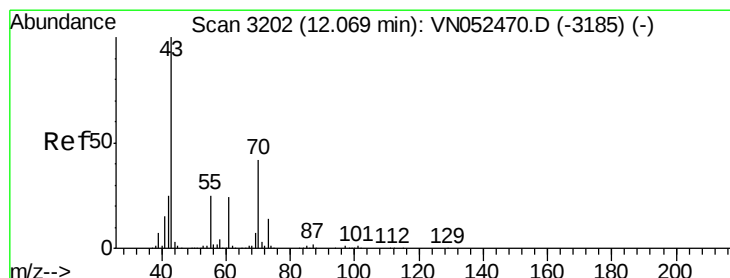
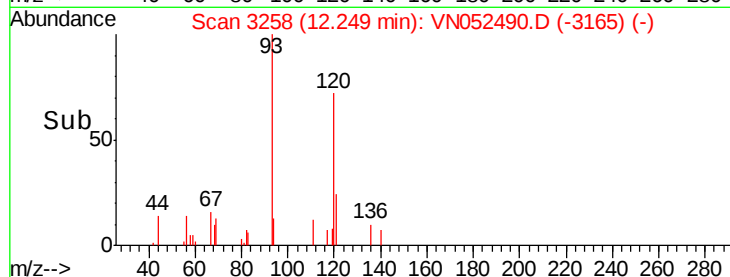
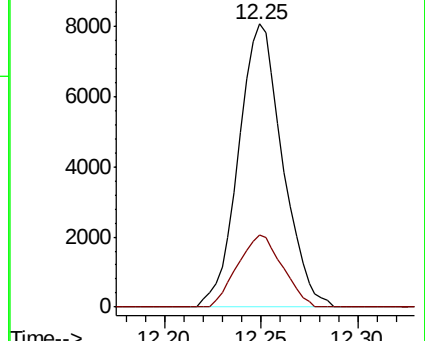
105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.222 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Tgt Ion: 43 Resp: 2987

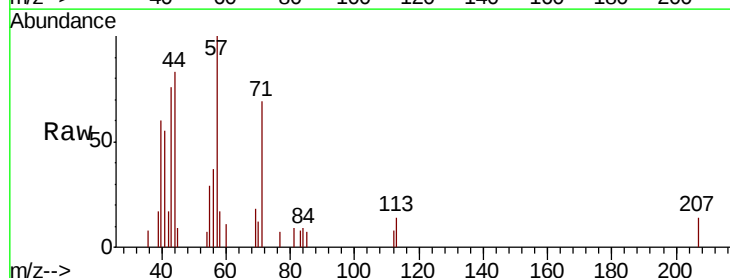
Ion Ratio Lower Upper

43 100

70 11.5 33.8 50.8#

55 4.8 20.0 30.0#

61 0.0 19.7 29.5#

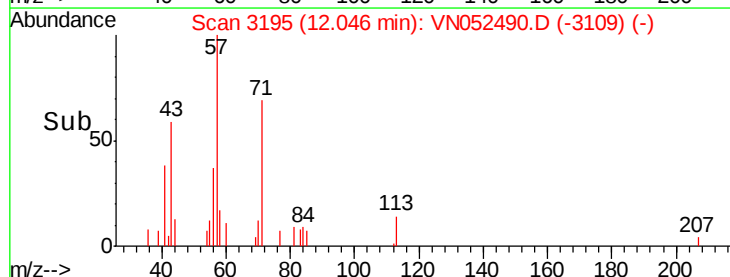
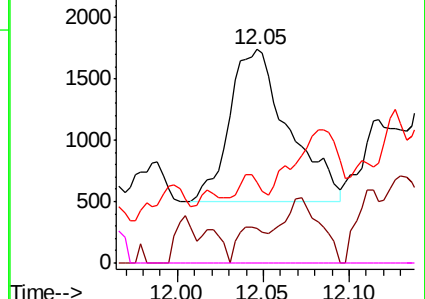


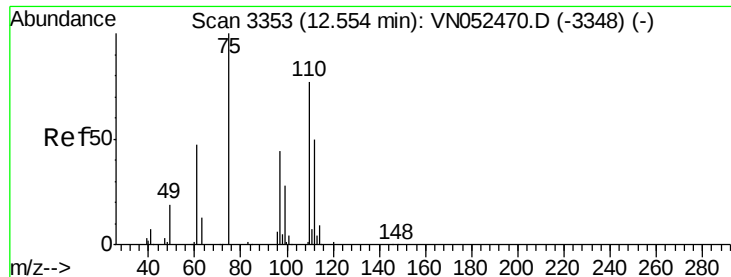
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.226 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

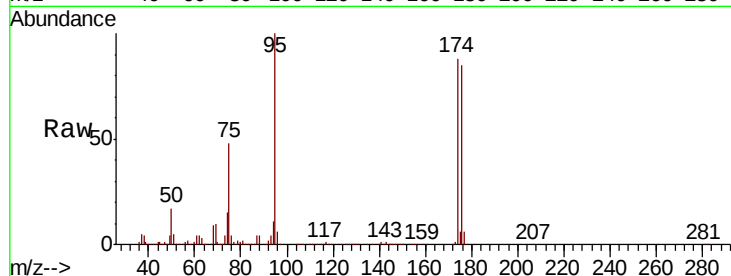
RICH-REC-ROAD-STONE-7ME

Tot Ion: 75 Resp: 368122

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

250000

200000

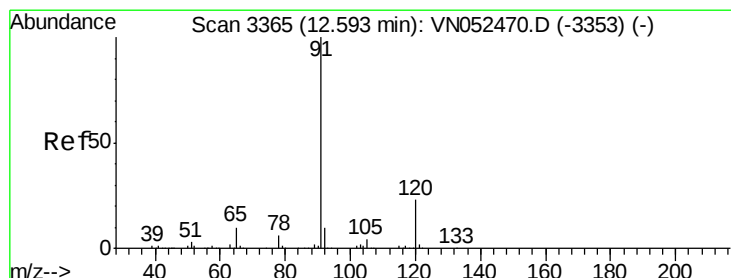
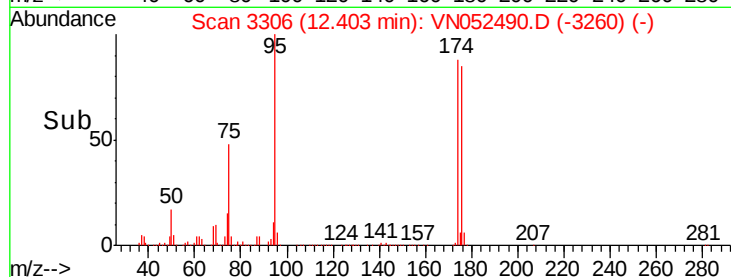
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.654 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052490.D

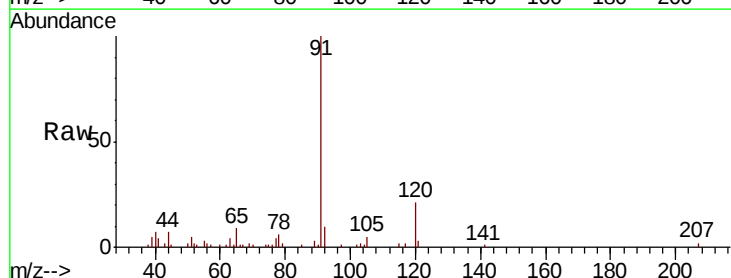
Acq: 27 Nov 2018 20:19

Tgt Ion: 91 Resp: 39529

Ion Ratio Lower Upper

91 100

120 23.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

30000

25000

20000

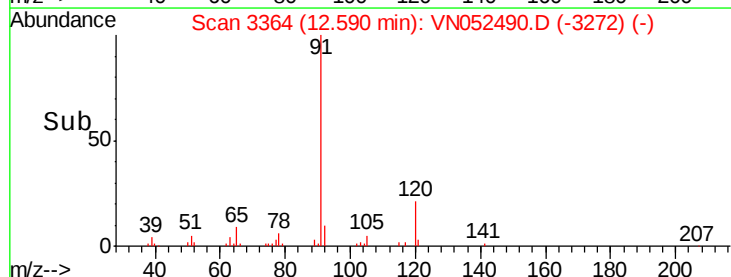
15000

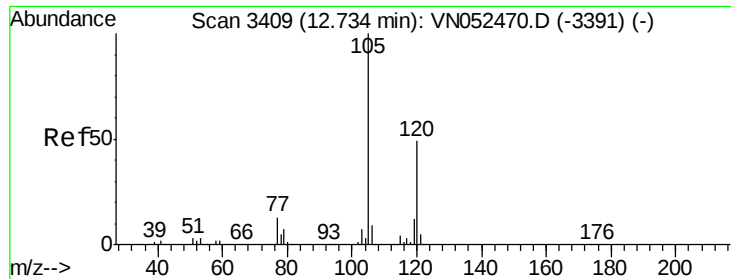
10000

5000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 1.757 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

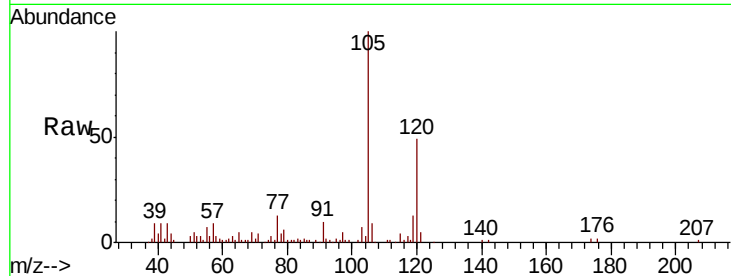
RICH-REC-ROAD-STONE-7ME

Tot Ion:105 Resp: 74486

Ion Ratio Lower Upper

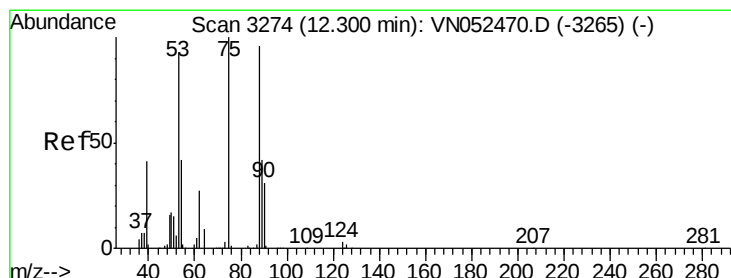
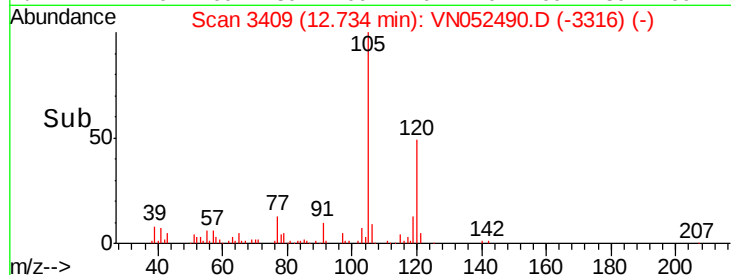
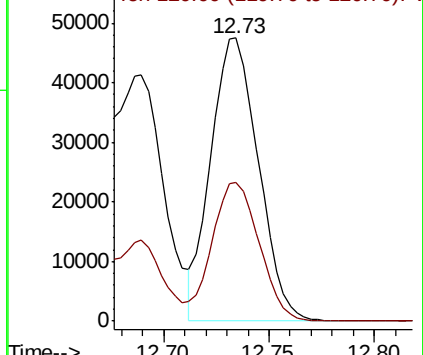
105 100

120 49.0 24.3 73.0



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: 117.639 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

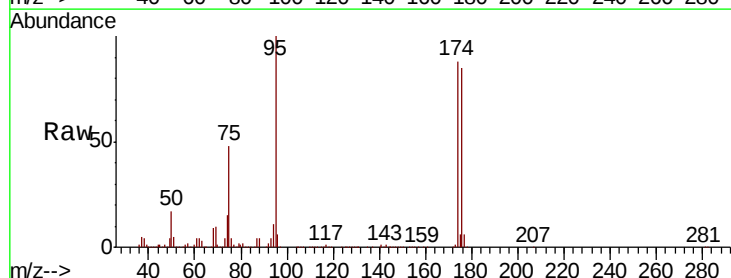
Tgt Ion: 75 Resp: 368122

Ion Ratio Lower Upper

75 100

53 0.1 77.4 116.0#

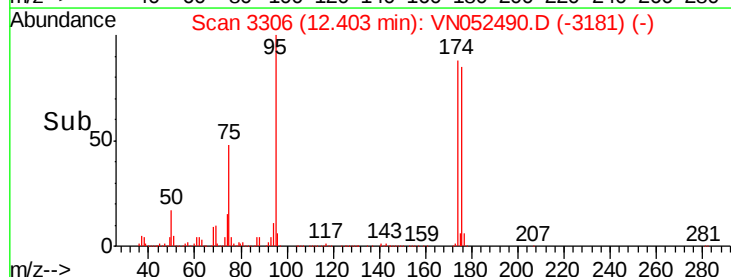
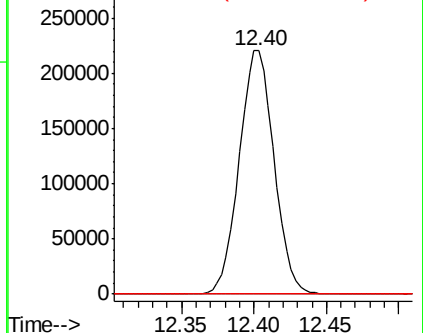
89 0.0 35.4 53.2#

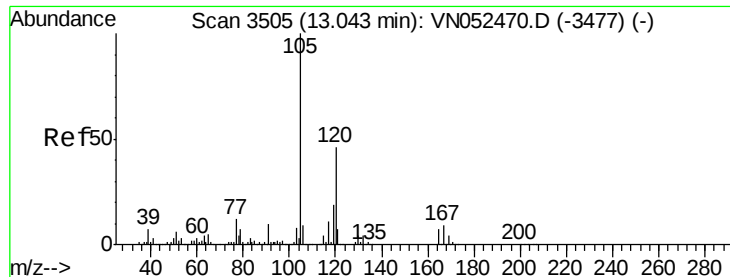


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 5.718 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

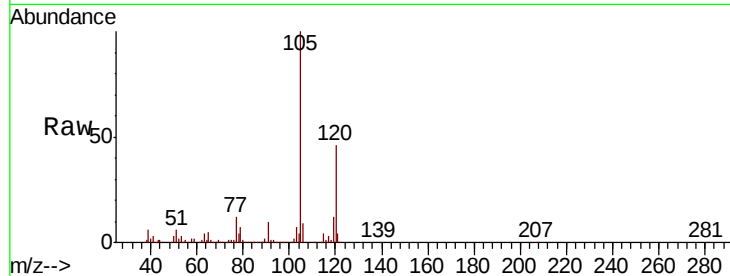
RICH-REC-ROAD-STONE-7ME

Tot Ion:105 Resp: 242977

Ion Ratio Lower Upper

105 100

120 45.4 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

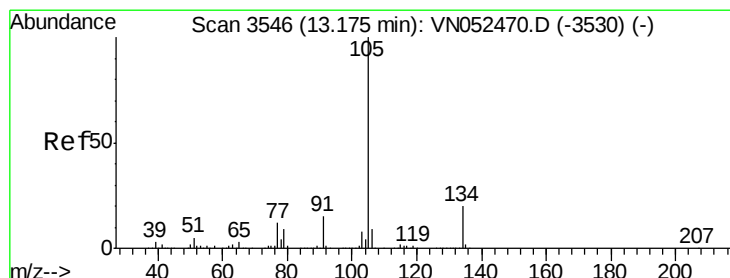
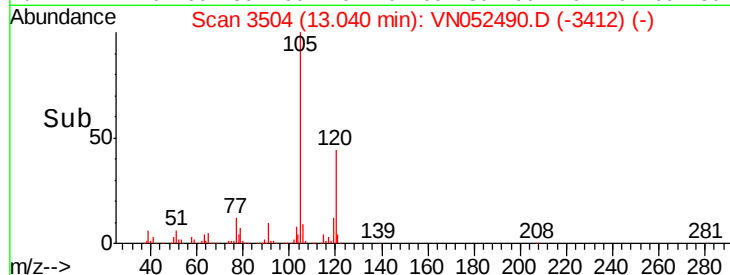
150000

100000

50000

0

Time-->



#85

sec-Butylbenzene

Concen: 0.201 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052490.D

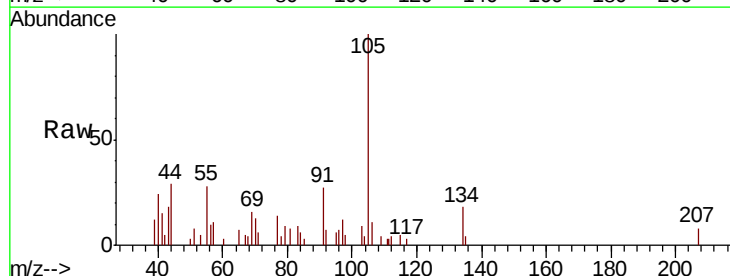
Acq: 27 Nov 2018 20:19

Tgt Ion:105 Resp: 10357

Ion Ratio Lower Upper

105 100

134 27.5 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

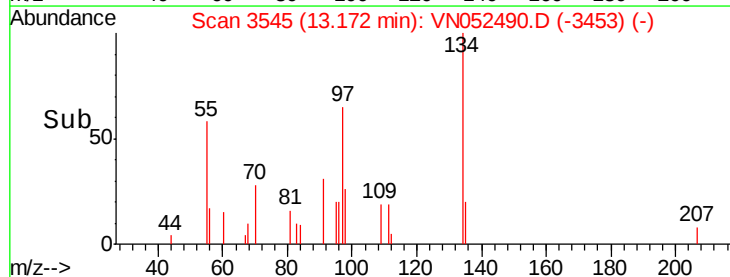
6000

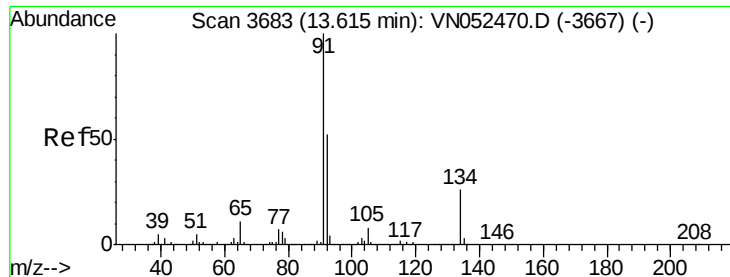
4000

2000

0

Time-->

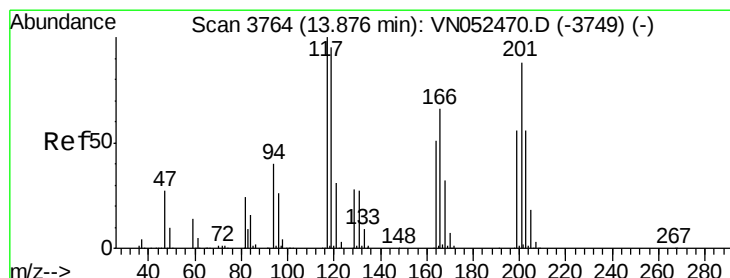
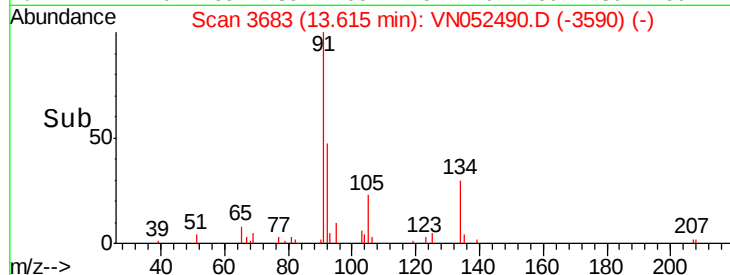
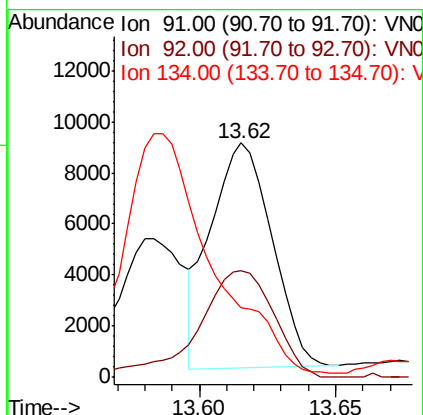
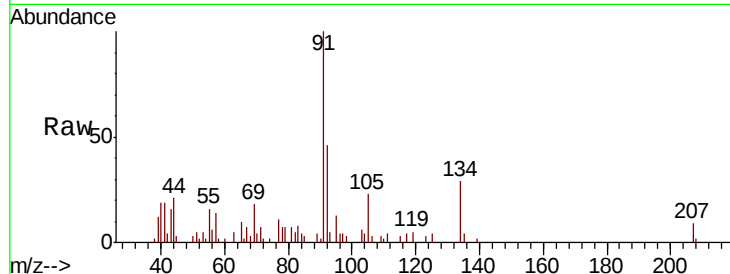




#89
n-Butylbenzene
Concen: 0.377 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

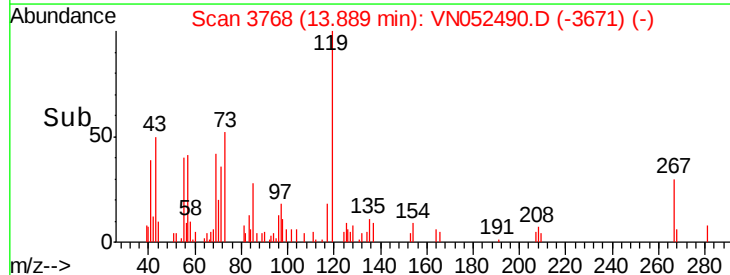
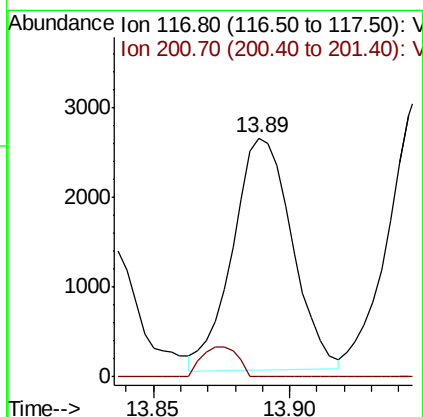
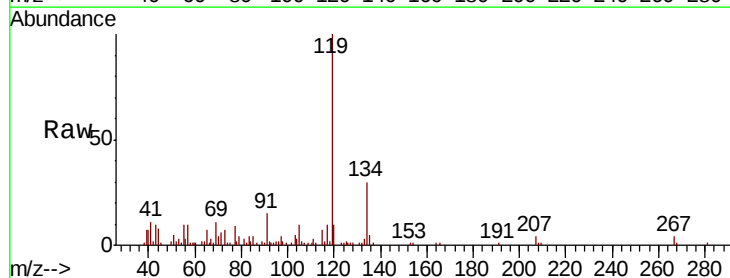
Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

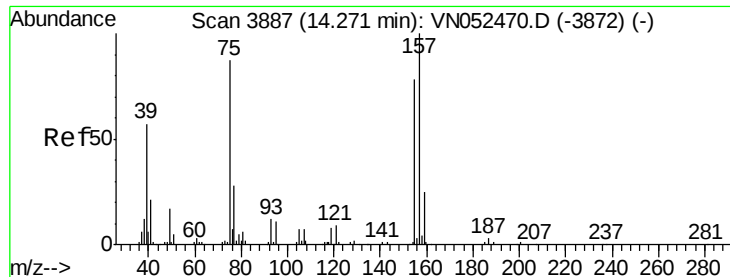
Tot Ion: 91 Resp: 13766
Ion Ratio Lower Upper
91 100
92 58.3 26.1 78.3
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 0.525 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN052490.D
Acq: 27 Nov 2018 20:19

Tgt Ion: 117 Resp: 3898
Ion Ratio Lower Upper
117 100
201 7.9 43.6 130.9#

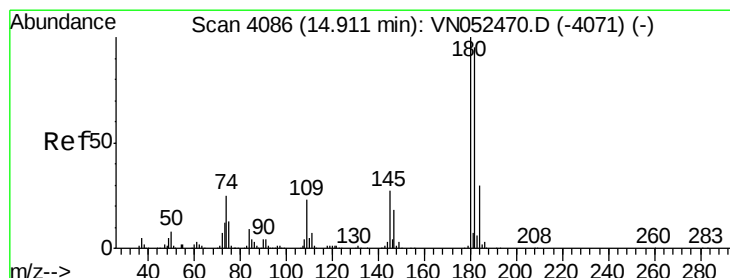
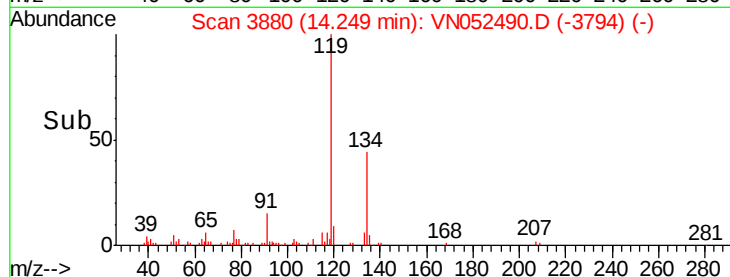
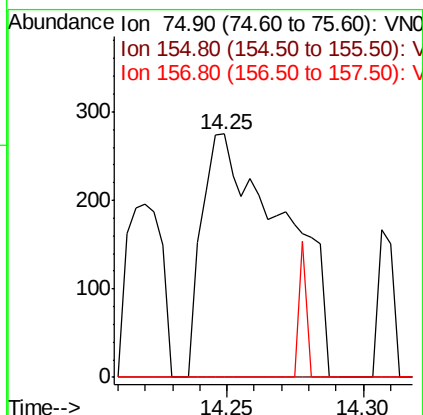
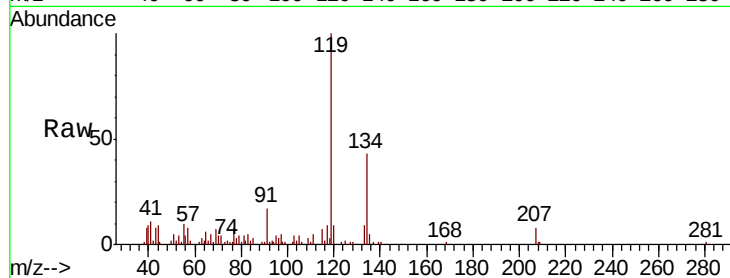




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.331 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN052490.D
 Acq: 27 Nov 2018 20:19

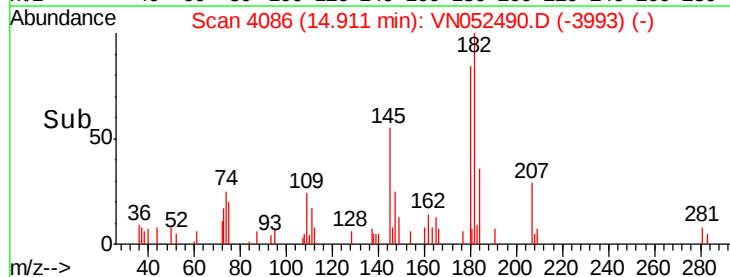
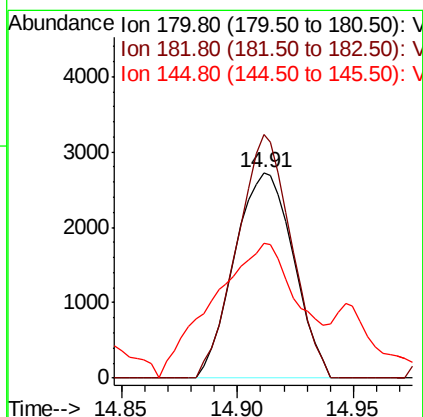
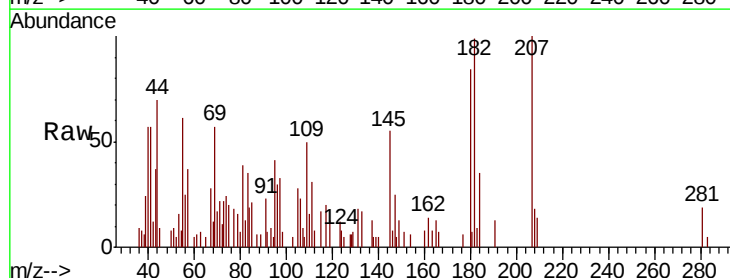
Instrument :
 MSVOA_N
 ClientSampleId :
 RICH-REC-ROAD-STONE-7ME

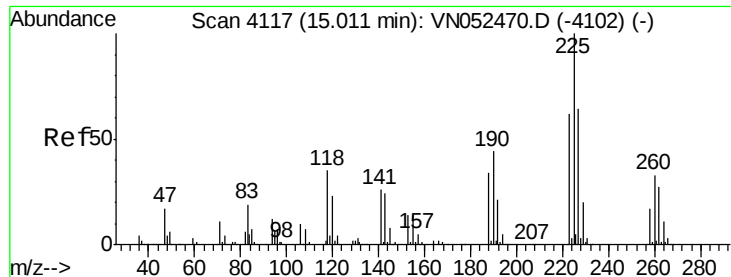
Tot Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.3	135.9#
157	0.0	58.1	174.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.208 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052490.D
 Acq: 27 Nov 2018 20:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	108.4	47.8	143.4
145	95.0	14.1	42.3#





#94

Hexachlorobutadiene

Concen: 0.310 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

RICH-REC-ROAD-STONE-7ME

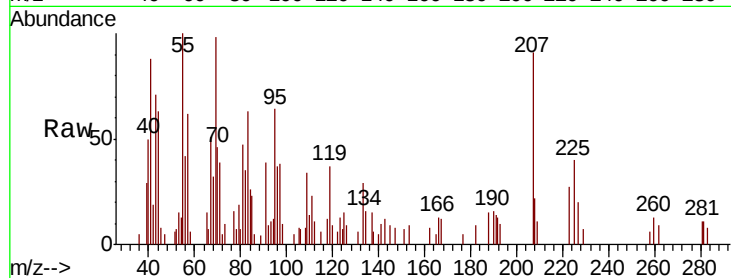
Tot Ion:225 Resp: 2193

Ion Ratio Lower Upper

225 100

223 55.9 31.4 94.2

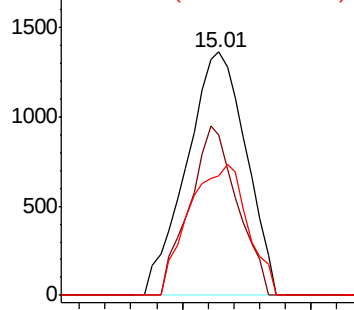
227 53.0 32.5 97.4



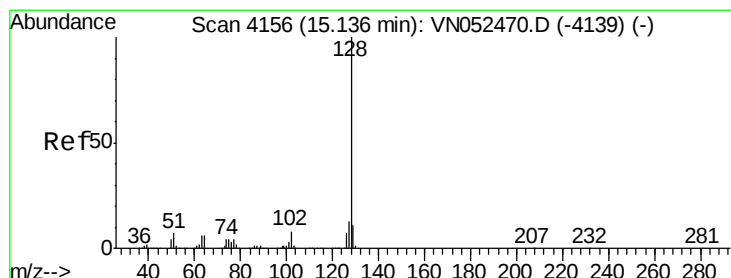
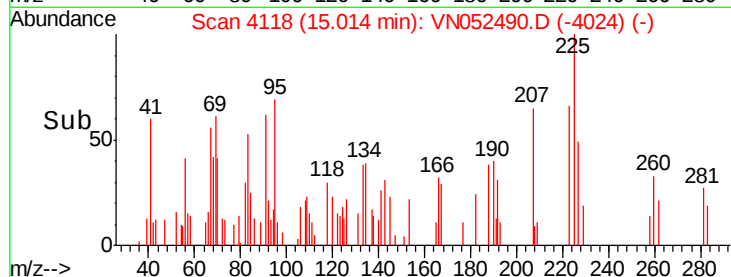
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 5.157 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052490.D

Acq: 27 Nov 2018 20:19

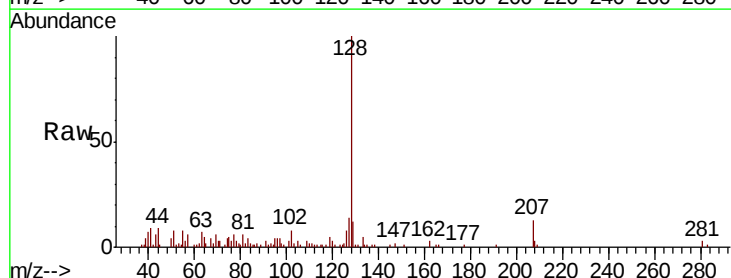
Tgt Ion:128 Resp: 47336

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.2

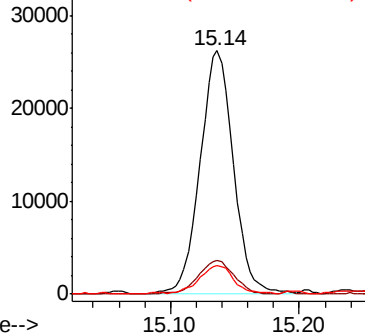
129 12.3 8.7 13.1



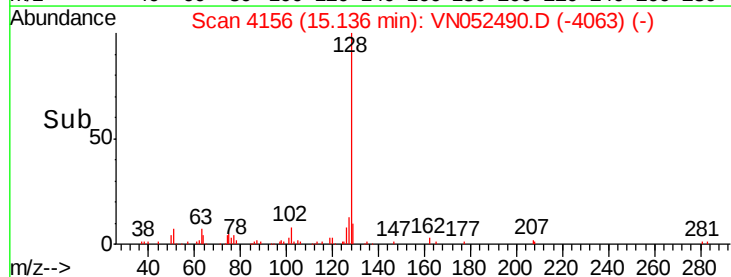
Abundance Ion 128.00 (127.70 to 128.70): V

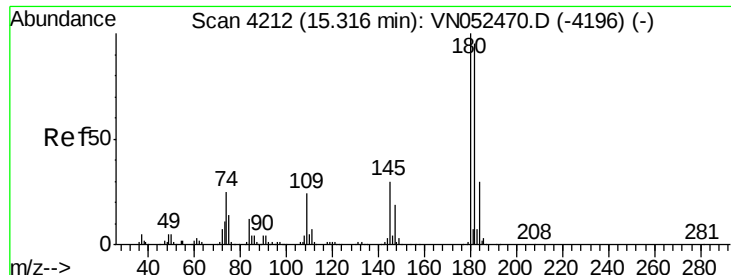
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->

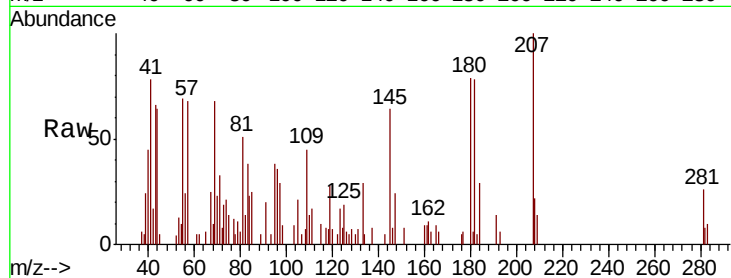




#96
 1,2,3-Trichlorobenzene
 Concen: 3.180 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN052490.D
 Acq: 27 Nov 2018 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 RICH-REC-ROAD-STONE-7ME

Tot Ion:180 Resp: 5303
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.3
 145 109.1 15.2 45.5#



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

