

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122118\
 Data File : VN053104.D
 Acq On : 21 Dec 2018 16:12
 Operator : MD\SY
 Sample : J6423-01ME
 Misc : 5.38g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0638ME

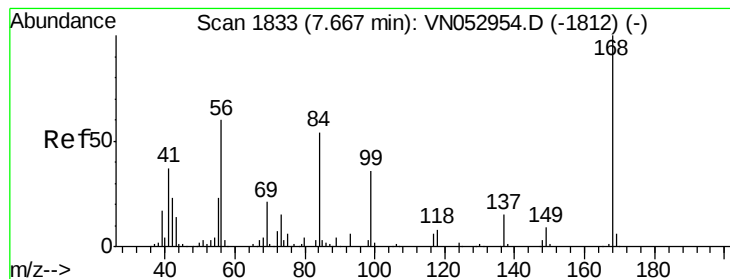
Quant Time: Dec 22 01:17:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1143451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1735968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1579342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	654526	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	563127	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	7.59	113	438356	55.28	ug/l	0.00
Spiked Amount			Recovery	=	110.56%	
50) Toluene-d8	10.09	98	2142511	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	687244	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	76471	5.384	ug/l	99
10) Methyl Iodide	3.94	142	3940	0.249	ug/l #	94
12) 1,1-Dichloroethene	3.72	96	2556	0.235	ug/l	87
13) Acrolein	3.60	56	630	0.981	ug/l #	76
16) Acetone	3.83	43	3535	1.554	ug/l	100
17) Carbon Disulfide	4.04	76	8063	0.227	ug/l	96
18) Methyl Acetate	4.33	43	46208	5.378	ug/l	95
20) Methylene Chloride	4.56	84	3610	0.291	ug/l	94
21) trans-1,2-Dichloroethene	5.03	96	2484	0.212	ug/l #	80
27) cis-1,2-Dichloroethene	6.83	96	54959	4.146	ug/l	89
29) Tetrahydrofuran	7.22	42	790	0.277	ug/l #	34
31) Cyclohexane	7.66	56	19740	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	74610	4.478	ug/l #	48
37) Ethyl Acetate	6.94	43	3031	0.326	ug/l #	72
38) Carbon Tetrachloride	7.66	117	98888	6.475	ug/l #	15
43) Isopropyl Acetate	8.34	43	183507	9.345	ug/l #	53
44) Trichloroethene	8.84	130	21617	1.508	ug/l	98
52) Toluene	10.16	92	8146	0.265	ug/l	99
68) m/p-Xylenes	11.62	106	16086	0.703	ug/l	98
71) Bromoform	12.40	173	3199	0.364	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	321006	29.134	ug/l #	100
77) Bromobenzene	12.54	156	4307	0.324	ug/l #	14
81) trans-1,4-Dichloro-2-buten	12.40	75	321006	93.902	ug/l #	12
90) Hexachloroethane	13.95	117	1344	0.203	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	5135	1.028	ug/l	91
94) Hexachlorobutadiene	15.01	225	1935	Below Cal		89
95) Naphthalene	15.14	128	23097	2.024	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	6460	1.112	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

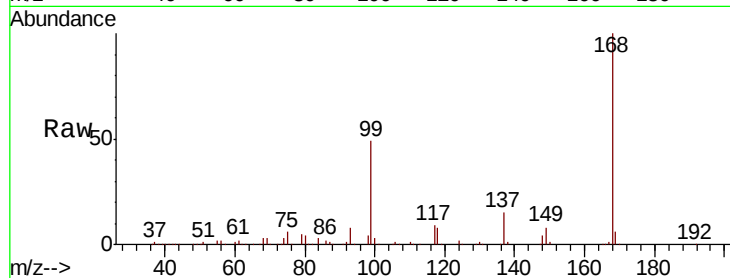
S32-0638ME

Tot Ion:168 Resp: 1143451

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

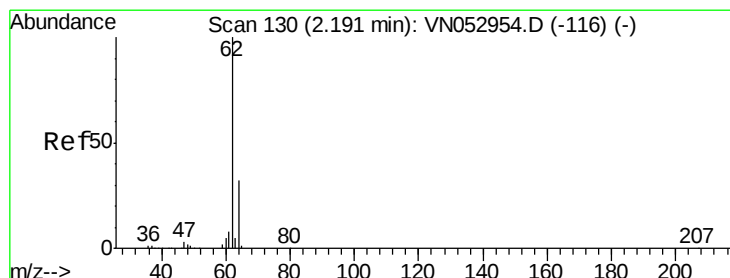
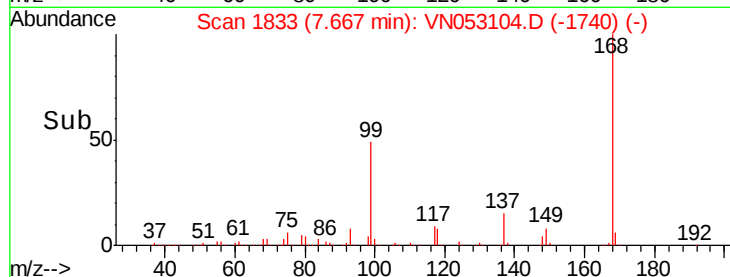
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 5.384 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053104.D

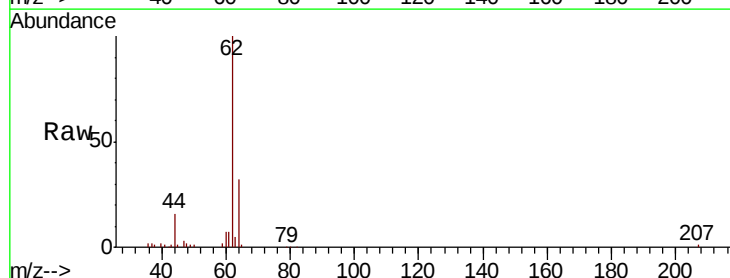
Acq: 21 Dec 2018 16:12

Tgt Ion: 62 Resp: 76471

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

50000

40000

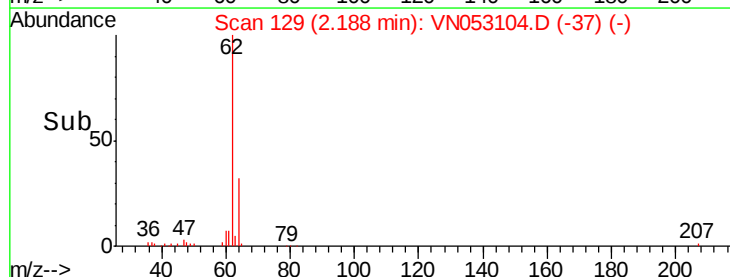
30000

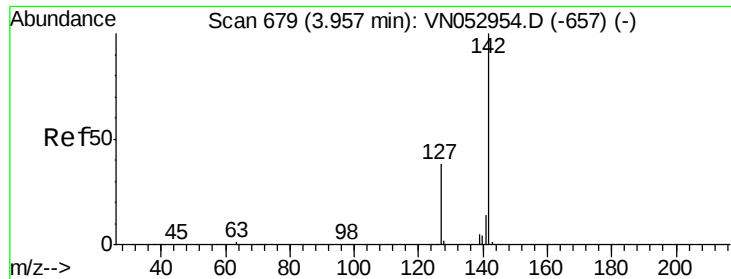
20000

10000

0

Time--> 2.10 2.15 2.20 2.25

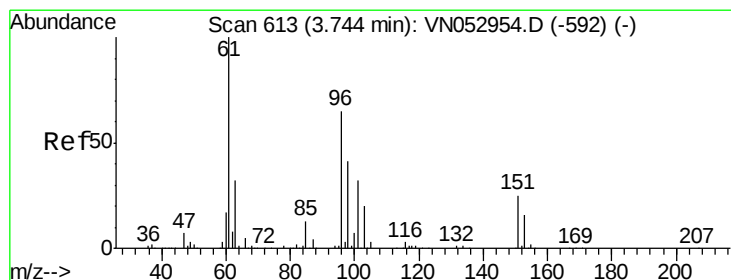
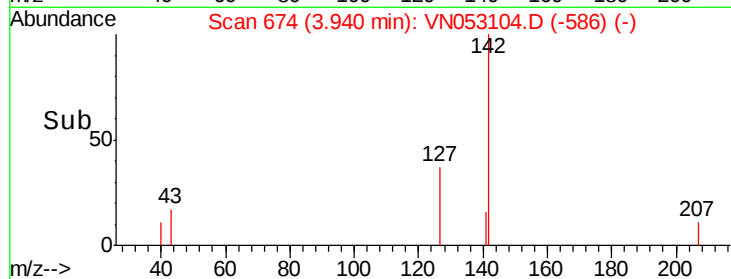
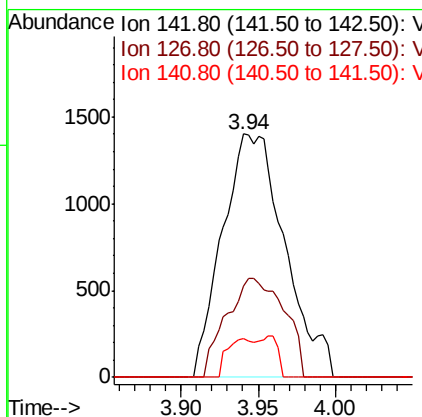
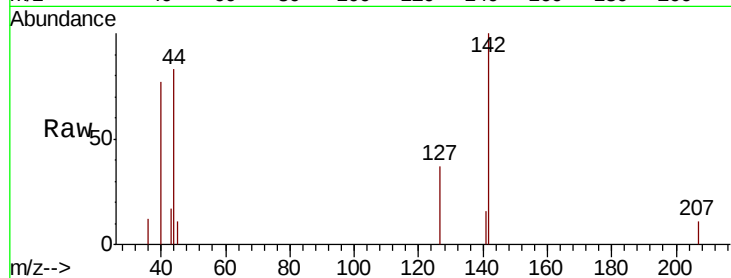




#10
Methvl Iodide
Concen: 0.249 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.02 min
Lab File: VN053104.D
Acq: 21 Dec 2018 16:12

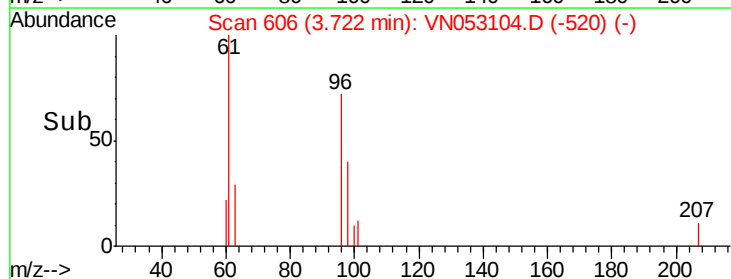
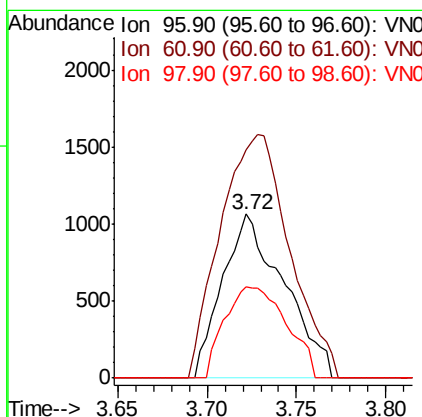
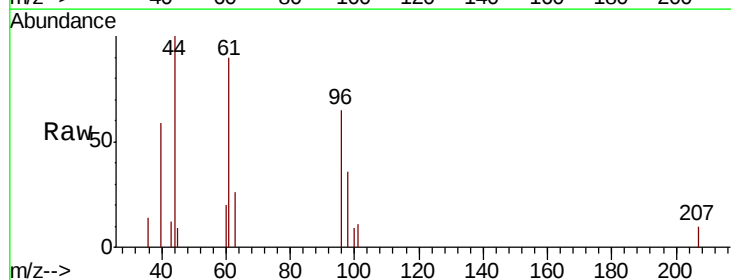
Instrument :
MSVOA_N
ClientSampled :
S32-0638ME

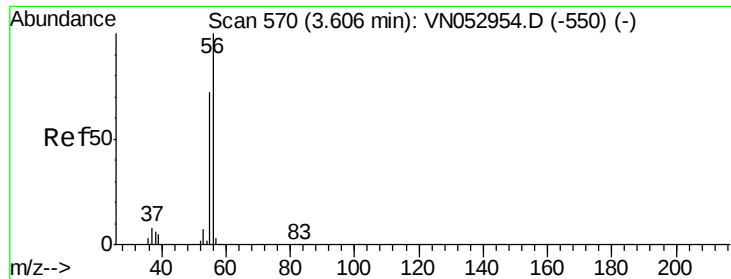
Tot Ion:142 Resp: 3940
Ion Ratio Lower Upper
142 100
127 37.5 31.0 46.6
141 6.7 11.2 16.8#



#12
1,1-Dichloroethene
Concen: 0.235 ug/l
RT: 3.72 min Scan# 606
Delta R.T. -0.02 min
Lab File: VN053104.D
Acq: 21 Dec 2018 16:12

Tgt Ion: 96 Resp: 2556
Ion Ratio Lower Upper
96 100
61 139.1 125.6 188.4
98 55.8 50.6 75.8





#13

Acrolein

Concen: 0.981 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

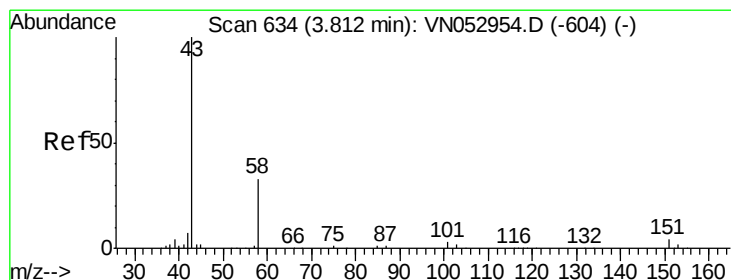
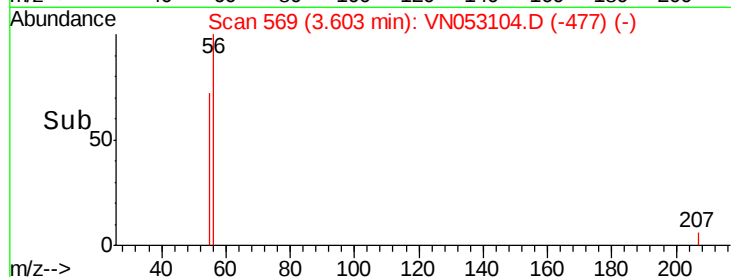
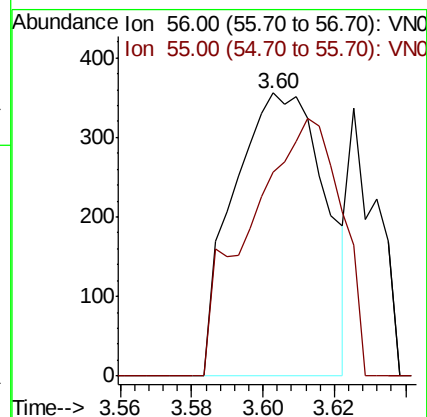
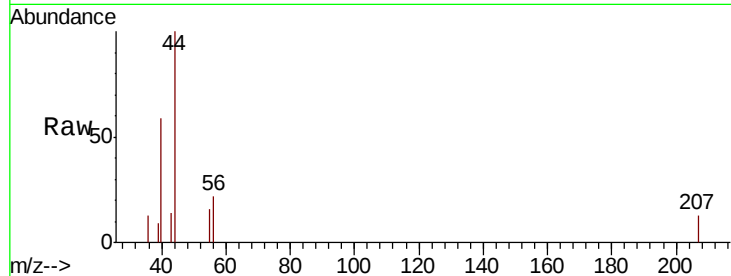
S32-0638ME

Tot Ion: 56 Resp: 630

Ion Ratio Lower Upper

56 100

55 91.0 56.6 85.0#



#16

Acetone

Concen: 1.554 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.02 min

Lab File: VN053104.D

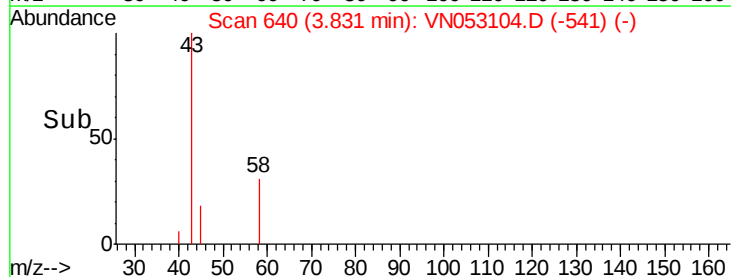
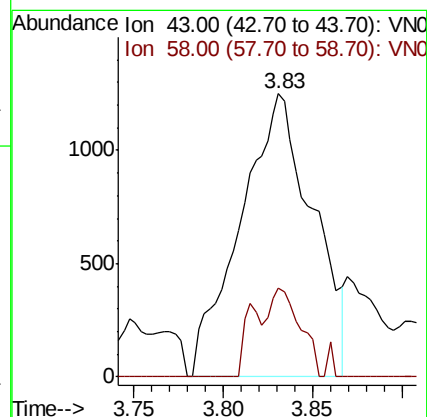
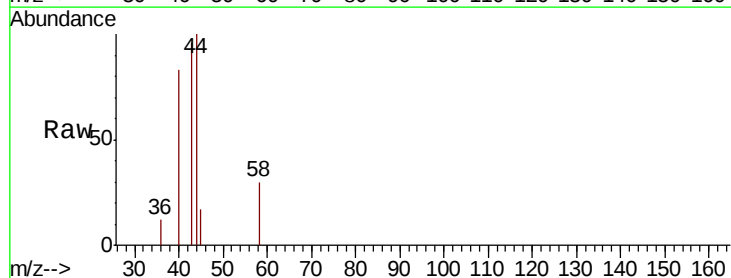
Acq: 21 Dec 2018 16:12

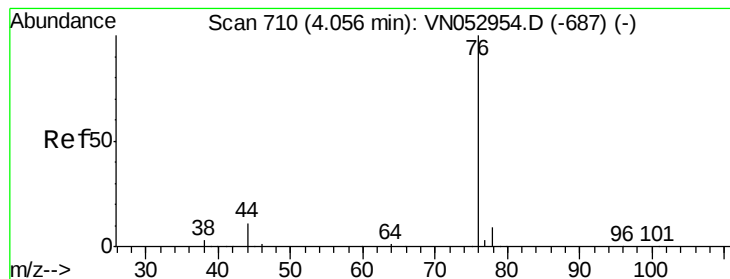
Tgt Ion: 43 Resp: 3535

Ion Ratio Lower Upper

43 100

58 31.5 25.4 38.0





#17

Carbon Disulfide

Concen: 0.227 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

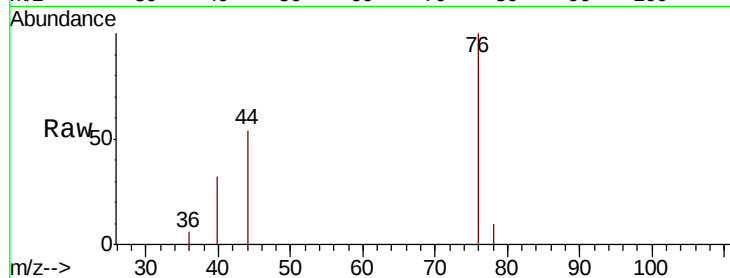
S32-0638ME

Tot Ion: 76 Resp: 8063

Ion Ratio Lower Upper

76 100

78 10.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

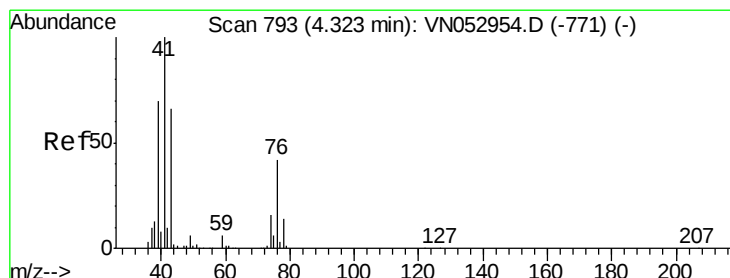
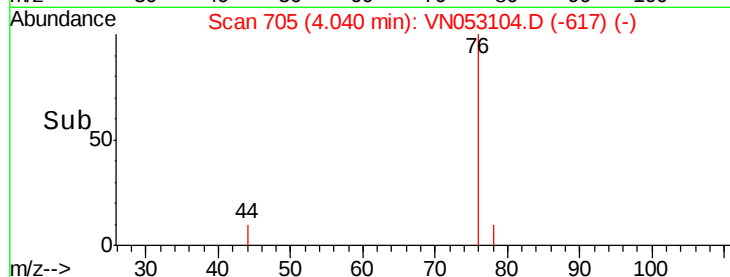
3000

2000

1000

0

Time--> 3.95 4.00 4.05 4.10



#18

Methyl Acetate

Concen: 5.378 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053104.D

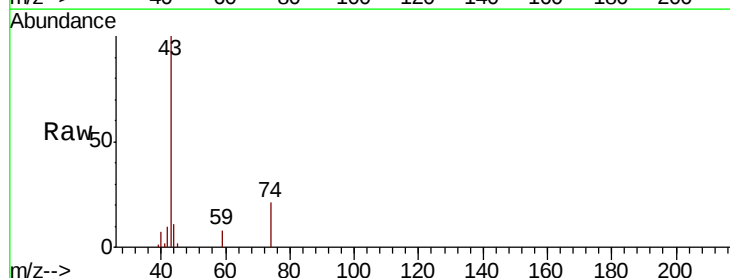
Acq: 21 Dec 2018 16:12

Tgt Ion: 43 Resp: 46208

Ion Ratio Lower Upper

43 100

74 21.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

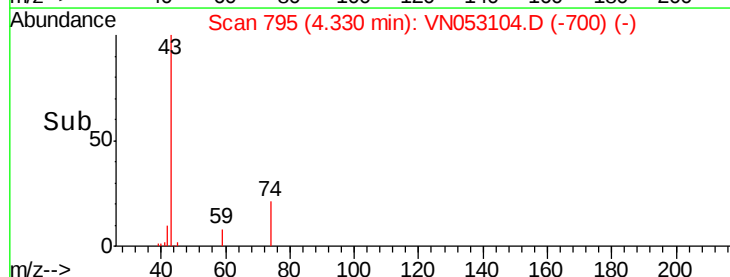
15000

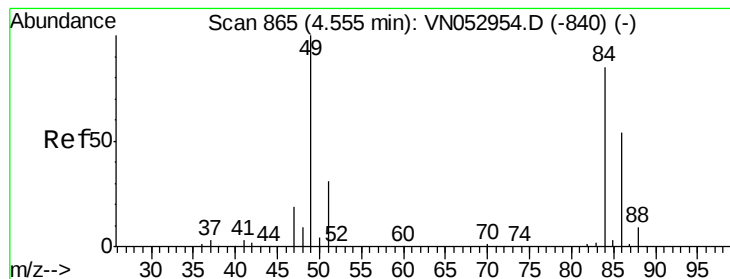
10000

5000

0

Time--> 4.20 4.30 4.40





#20

Methylene Chloride

Concen: 0.291 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

S32-0638ME

Tot Ion: 84 Resp: 3610

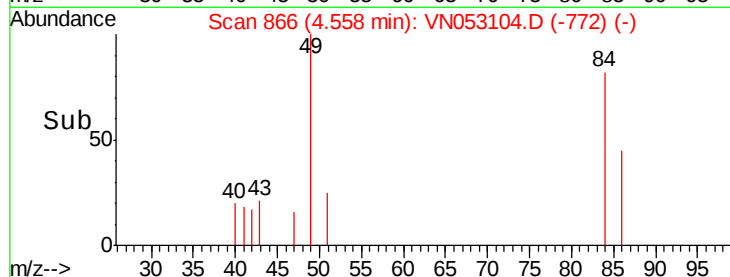
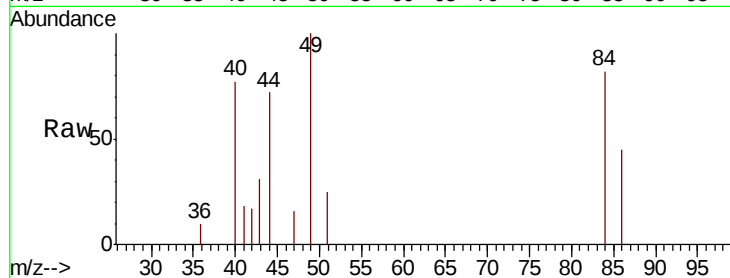
Ion Ratio Lower Upper

84 100

49 121.7 96.8 145.2

51 30.7 29.9 44.9

86 54.7 51.8 77.6

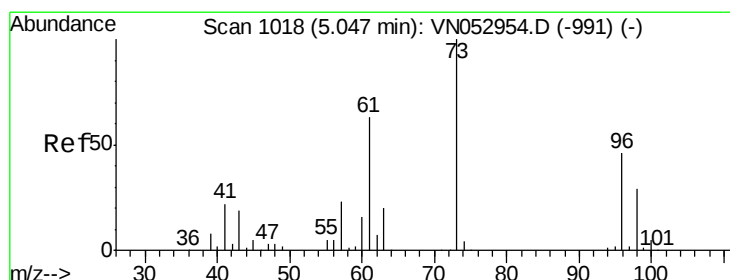
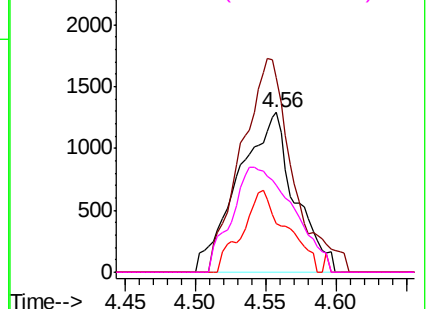


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#21

trans-1,2-Dichloroethene

Concen: 0.212 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.02 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

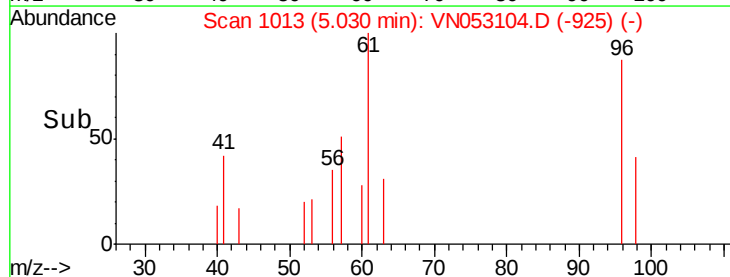
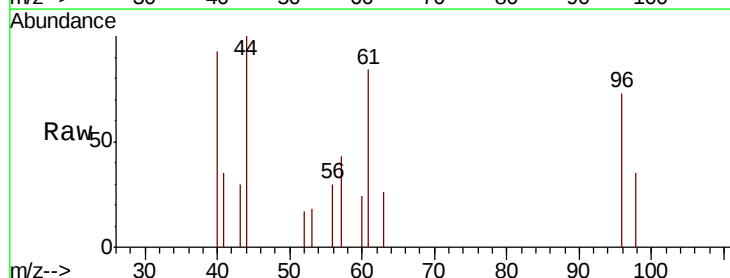
Tgt Ion: 96 Resp: 2484

Ion Ratio Lower Upper

96 100

61 115.2 110.8 166.2

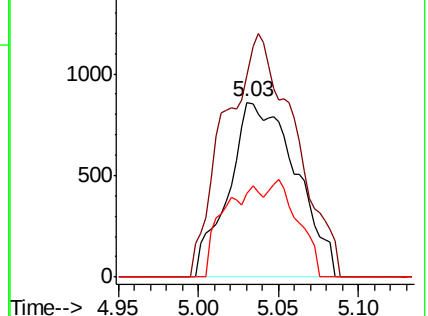
98 47.6 51.4 77.2#

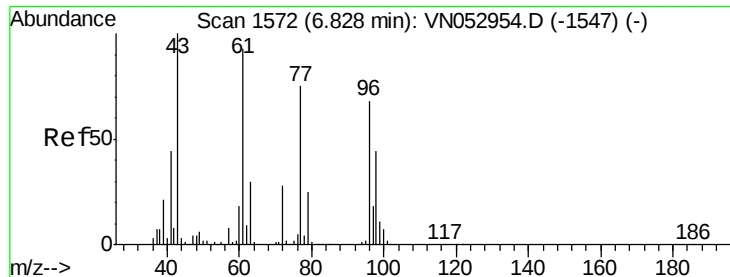


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 4.146 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

S32-0638ME

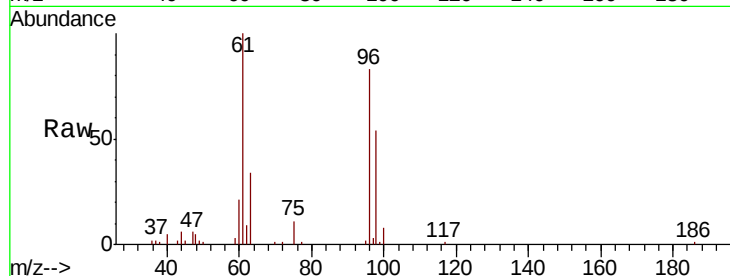
Tot Ion: 96 Resp: 54959

Ion Ratio Lower Upper

96 100

61 122.6 0.0 284.2

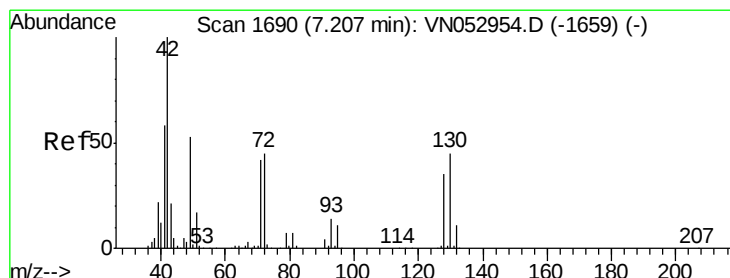
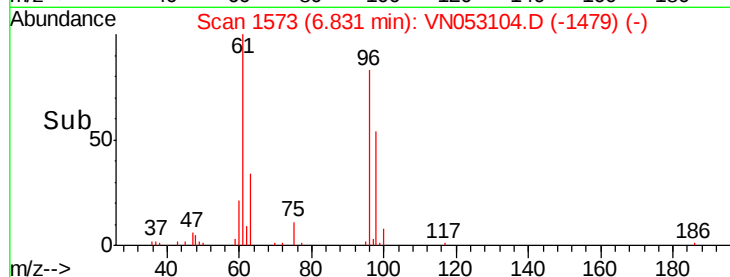
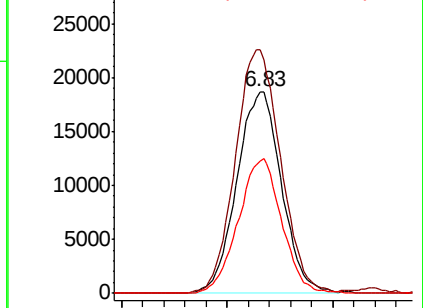
98 64.9 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053104.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053104.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053104.D (-1479) (-)



#29

Tetrahydrofuran

Concen: 0.277 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

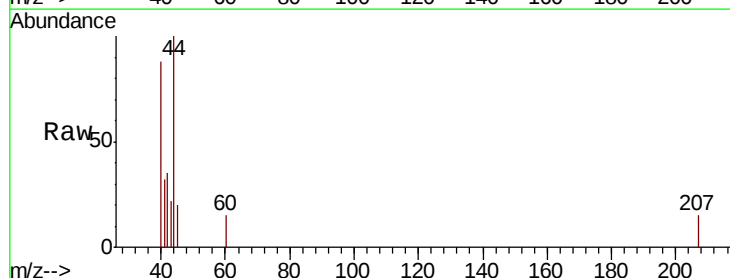
Tgt Ion: 42 Resp: 790

Ion Ratio Lower Upper

42 100

72 0.0 34.7 52.1#

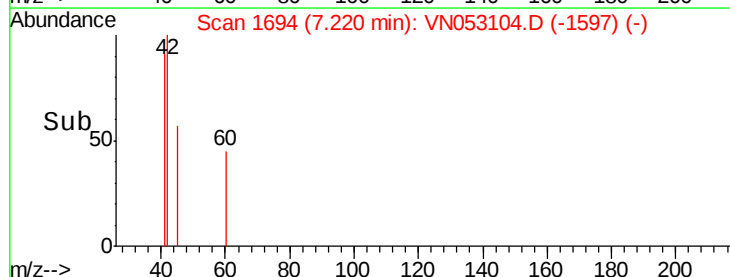
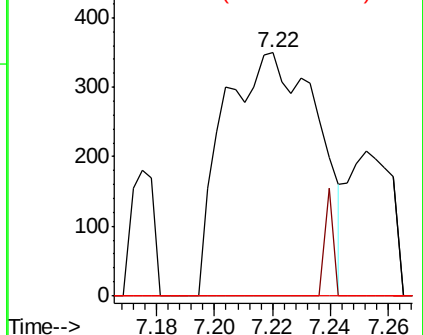
71 0.0 32.3 48.5#

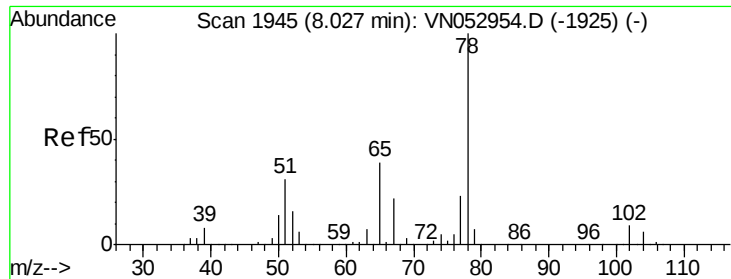


Abundance Ion 42.00 (41.70 to 42.70): VN053104.D (-1597) (-)

Ion 72.00 (71.70 to 72.70): VN053104.D (-1597) (-)

Ion 71.00 (70.70 to 71.70): VN053104.D (-1597) (-)

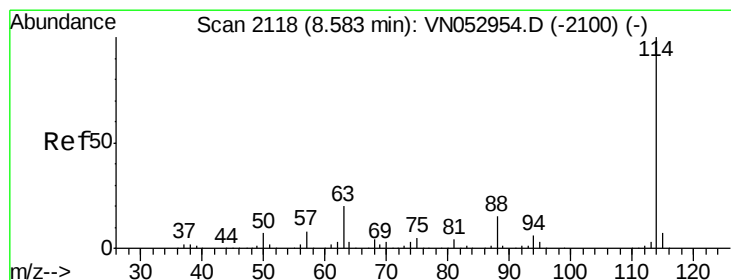
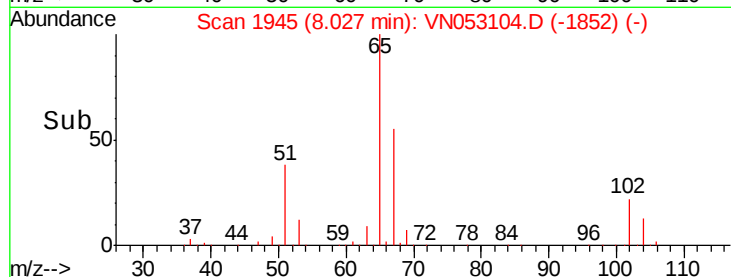
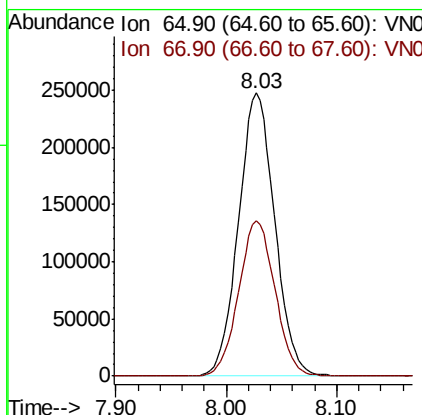
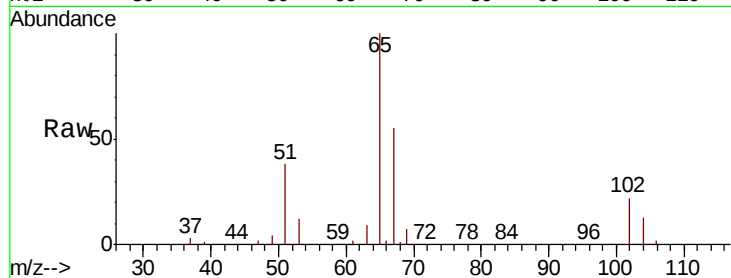




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053104.D
 Acq: 21 Dec 2018 16:12

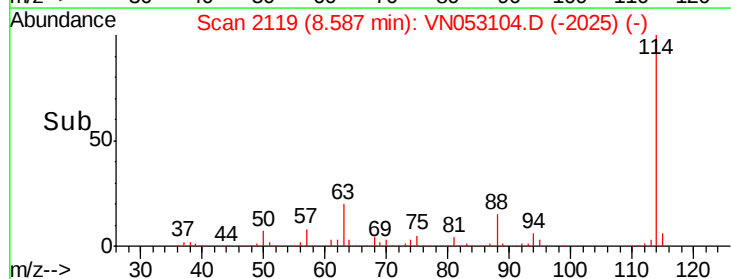
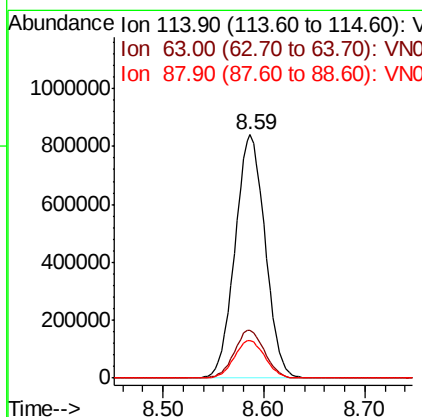
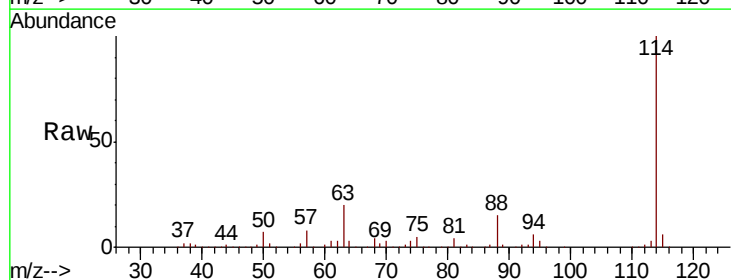
Instrument :
 MSVOA_N
 ClientSampled :
 S32-0638ME

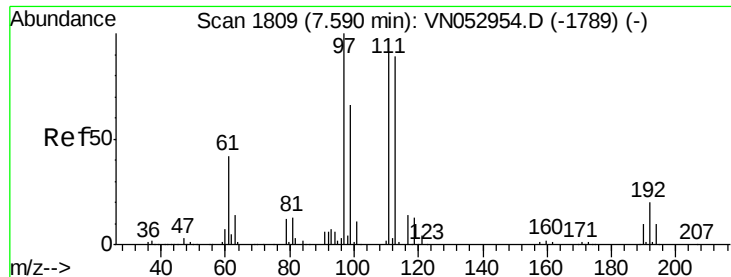
Tot Ion: 65 Resp: 563127
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053104.D
 Acq: 21 Dec 2018 16:12

Tgt Ion: 114 Resp: 1735968
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.5 0.0 31.0

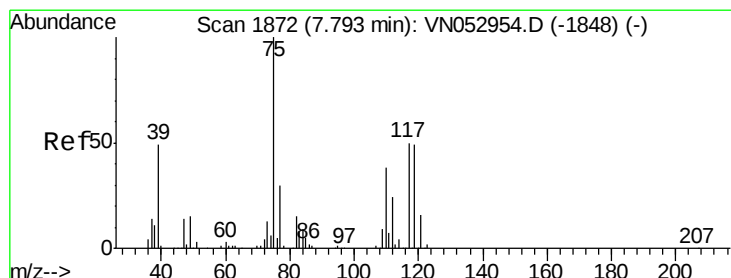
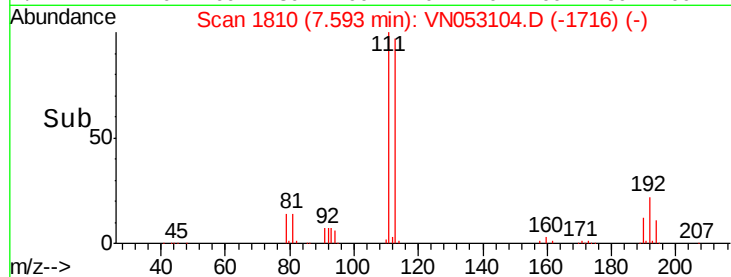
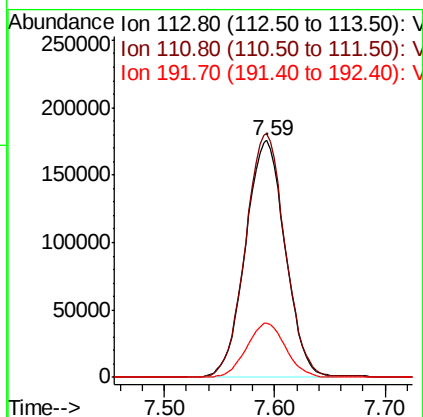
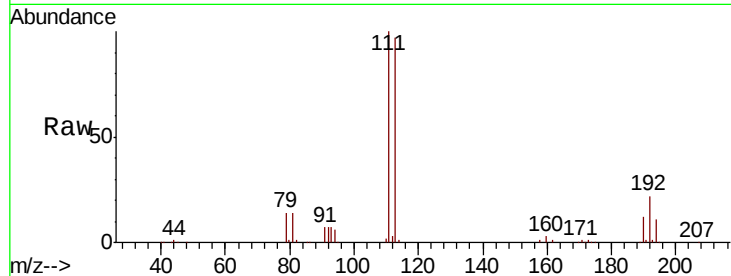




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053104.D
 Acq: 21 Dec 2018 16:12

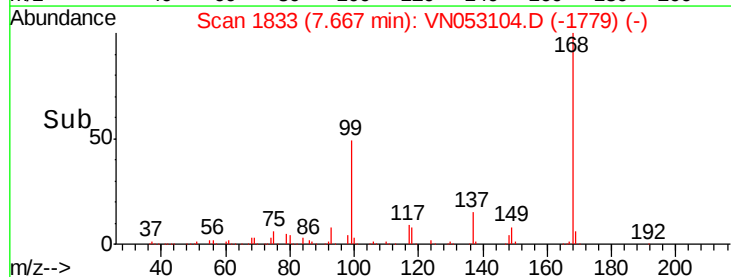
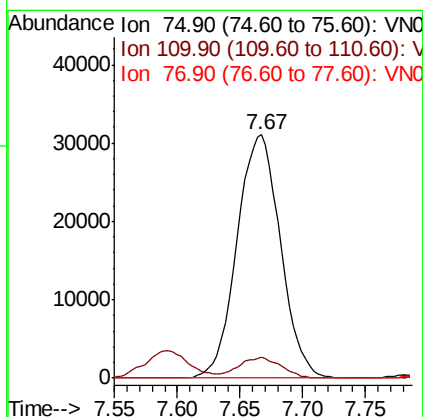
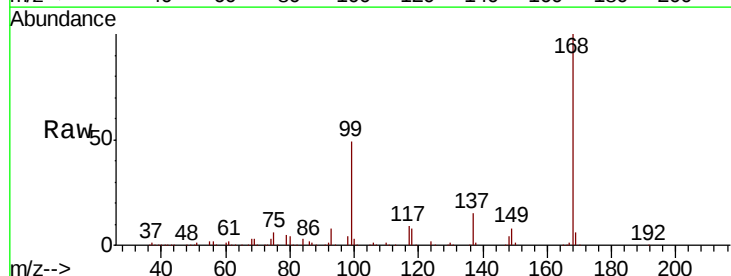
Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0638ME

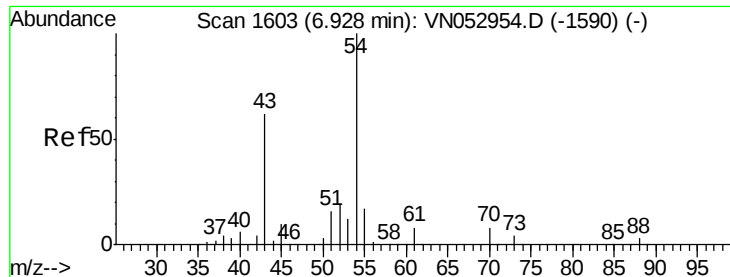
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.4
192	22.6	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.478 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053104.D
 Acq: 21 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#

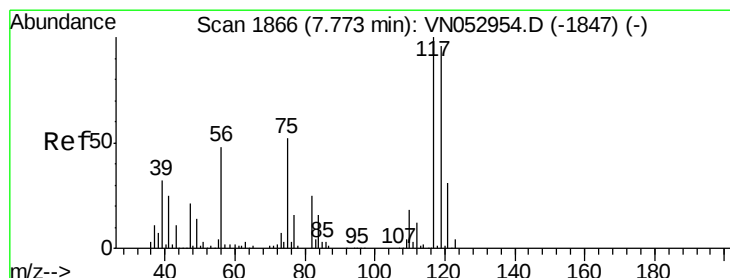
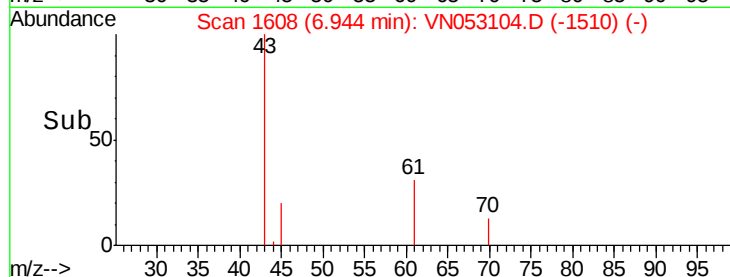
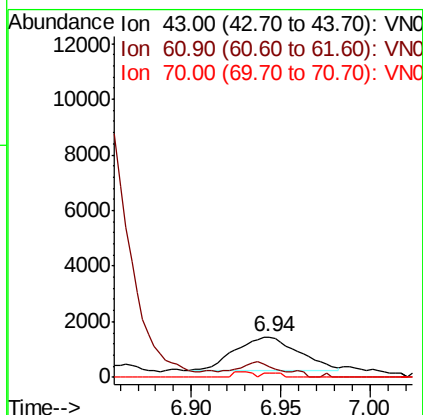
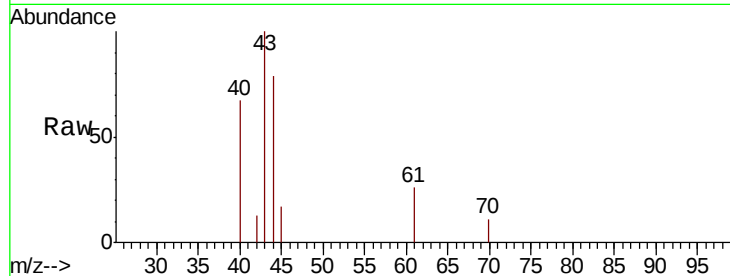




#37
Ethyl Acetate
Concen: 0.326 ug/l
RT: 6.94 min Scan# 1608
Delta R.T. 0.02 min
Lab File: VN053104.D
Acq: 21 Dec 2018 16:12

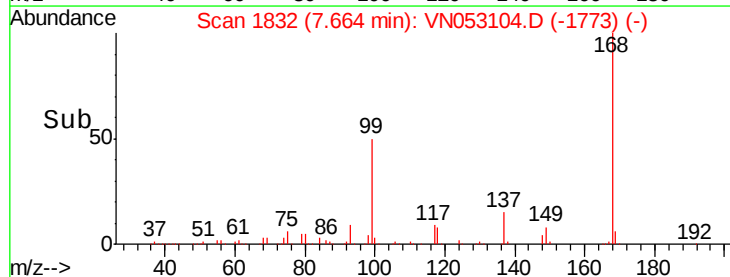
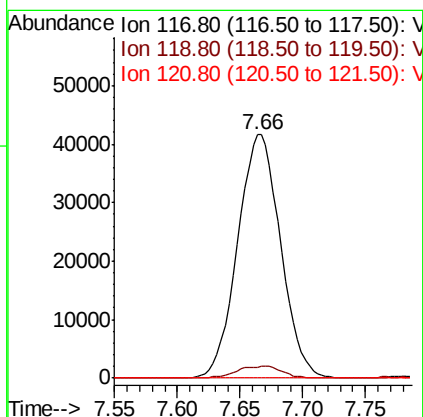
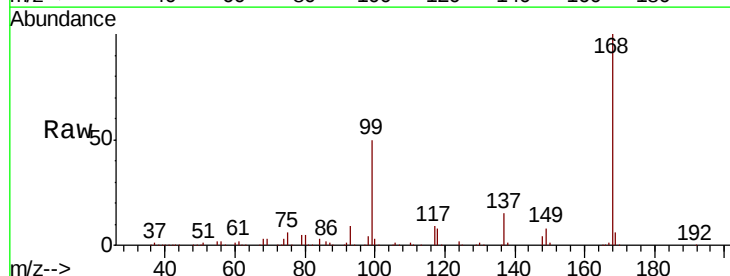
Instrument :
MSVOA_N
ClientSampleId :
S32-0638ME

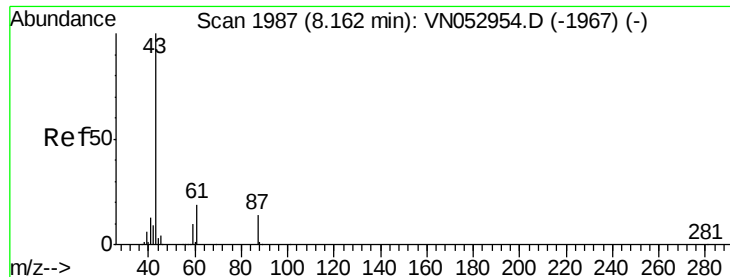
Tot Ion: 43 Resp: 3031
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 4.1 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 6.475 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053104.D
Acq: 21 Dec 2018 16:12

Tgt Ion: 117 Resp: 98888
Ion Ratio Lower Upper
117 100
119 4.4 77.1 115.7#
121 0.0 24.9 37.3#





#43

Isopropyl Acetate

Concen: 9.345 ug/l

RT: 8.34 min Scan# 2041

Delta R.T. 0.17 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

S32-0638ME

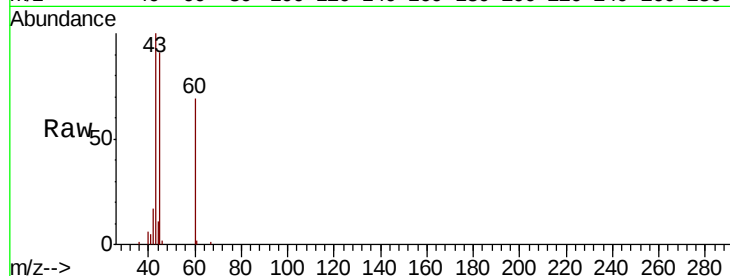
Tot Ion: 43 Resp: 183507

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

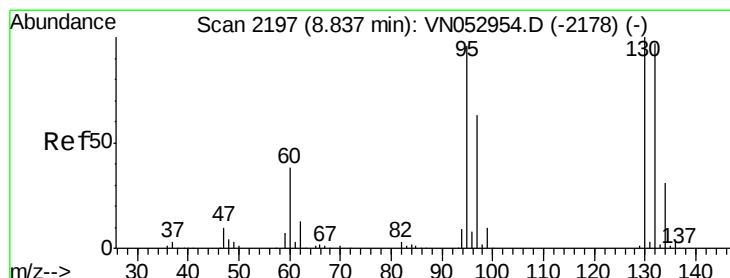
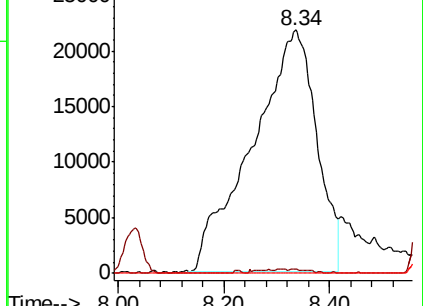
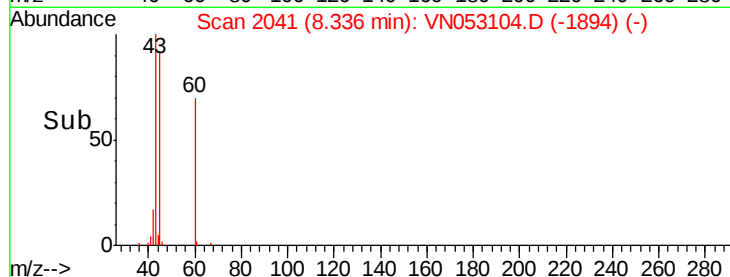
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN053104.D (-2041) (-)

Ion 61.00 (60.70 to 61.70): VN053104.D (-2041) (-)

Ion 87.00 (86.70 to 87.70): VN053104.D (-2041) (-)



#44

Trichloroethene

Concen: 1.508 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN053104.D

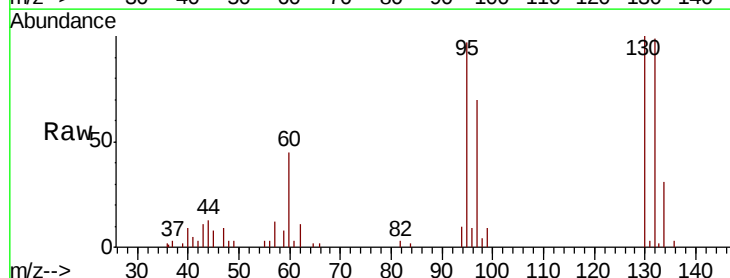
Acq: 21 Dec 2018 16:12

Tgt Ion:130 Resp: 21617

Ion Ratio Lower Upper

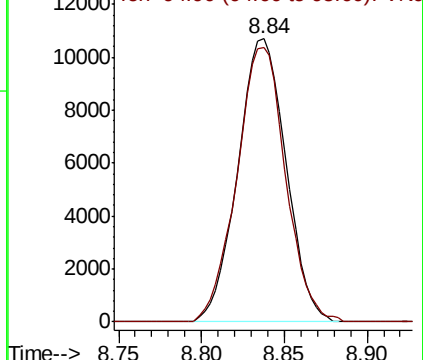
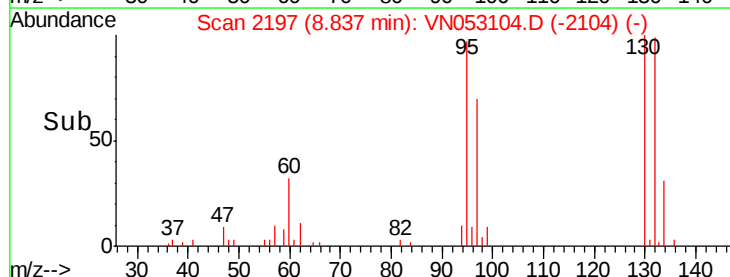
130 100

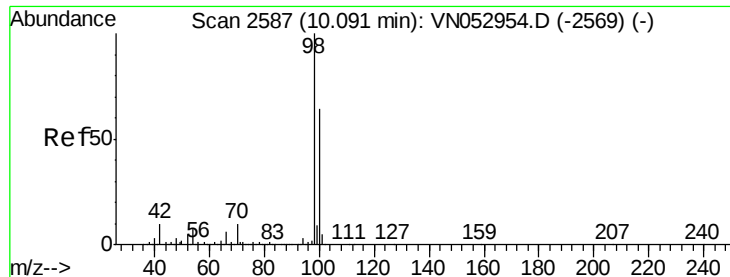
95 97.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN053104.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN053104.D (-2197) (-)





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

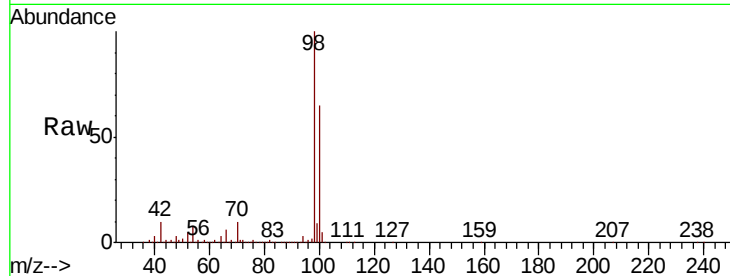
S32-0638ME

Tot Ion: 98 Resp: 2142511

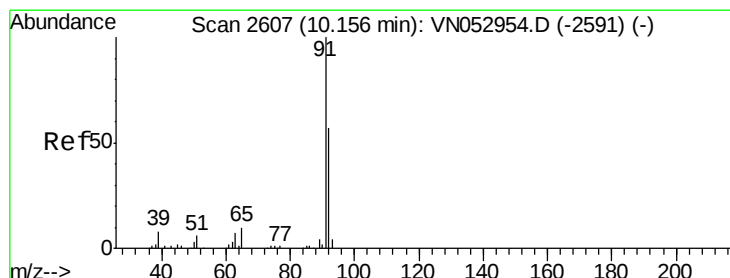
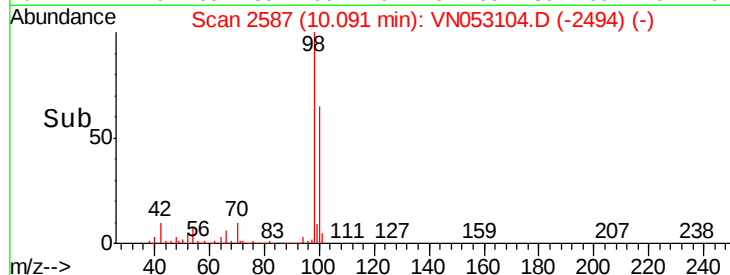
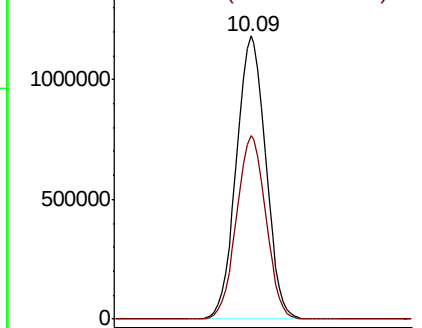
Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053104.D (-2494) (-)



#52

Toluene

Concen: 0.265 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053104.D

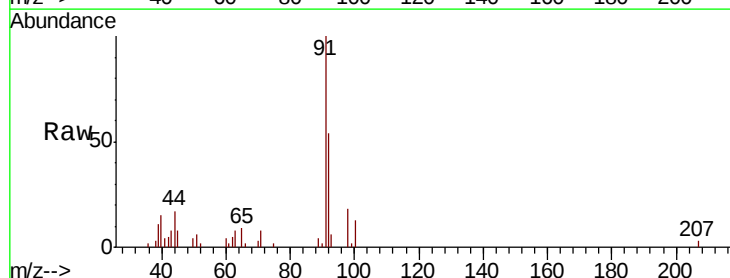
Acq: 21 Dec 2018 16:12

Tgt Ion: 92 Resp: 8146

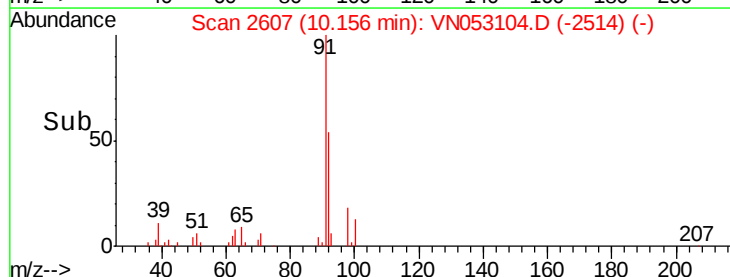
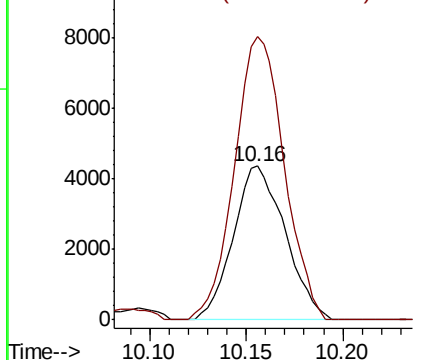
Ion Ratio Lower Upper

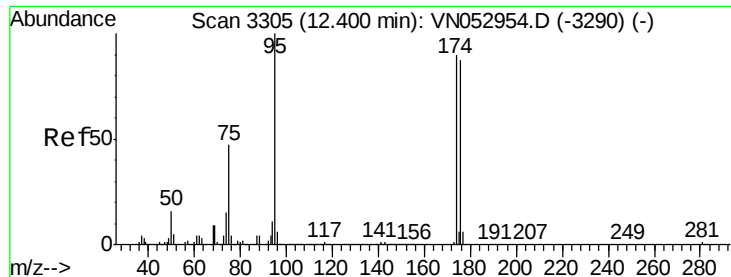
92 100

91 176.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN053104.D (-2514) (-)





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

S32-0638ME

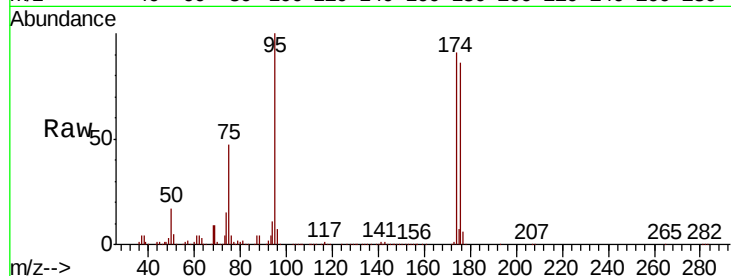
Tot Ion: 95 Resp: 687244

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.8

176 86.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

12.40

500000

400000

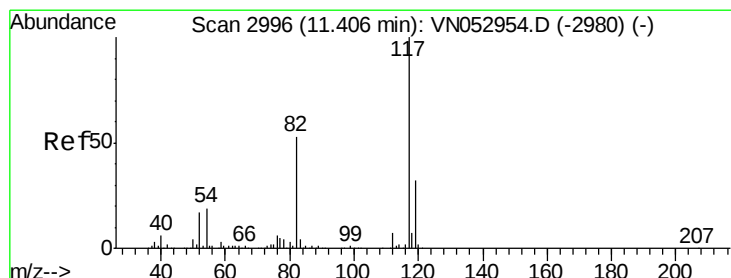
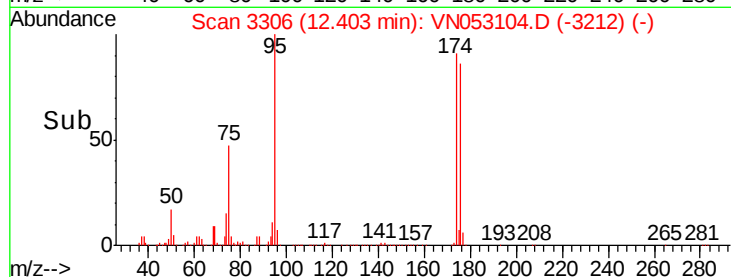
300000

200000

100000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

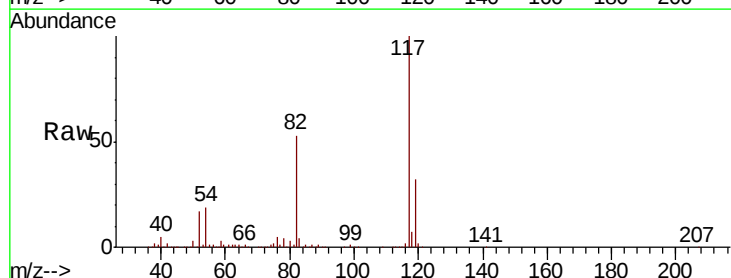
Tgt Ion: 117 Resp: 1579342

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

11.41

1200000

1000000

800000

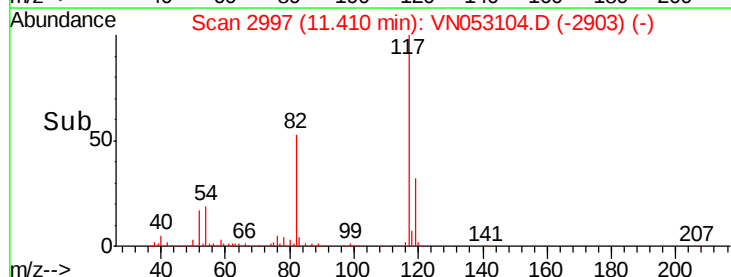
600000

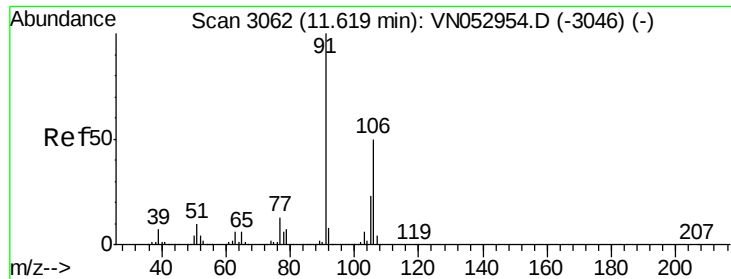
400000

200000

0

Time--> 11.30 11.40 11.50

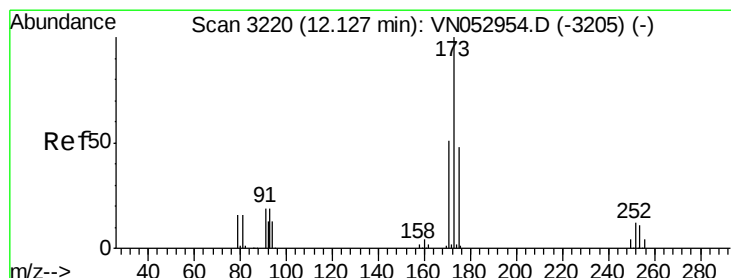
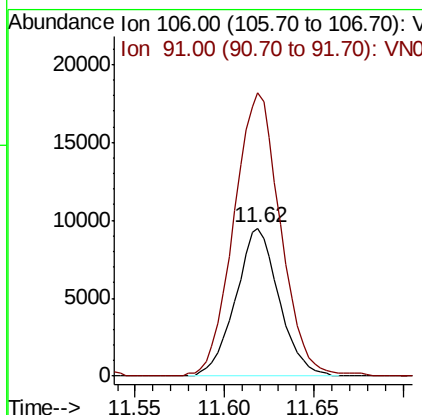
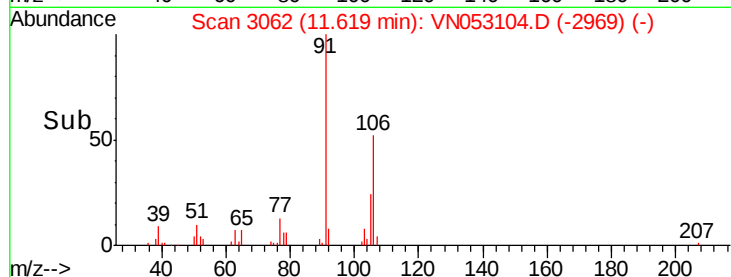
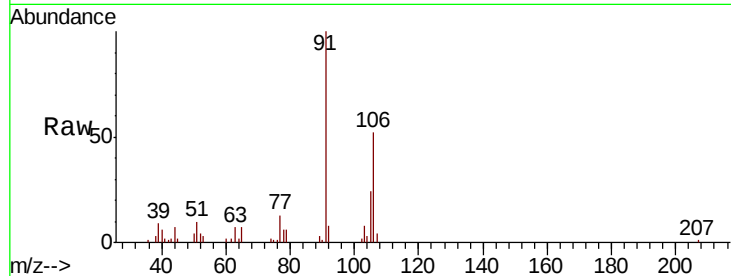




#68
m/p-Xvlenes
Concen: 0.703 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053104.D
Acq: 21 Dec 2018 16:12

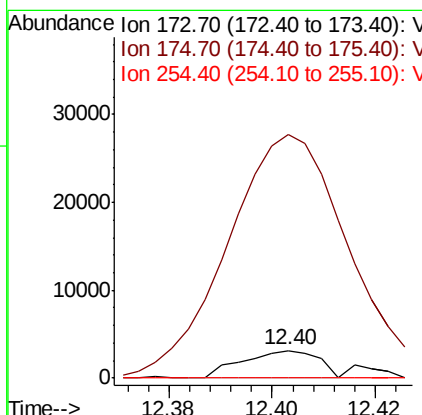
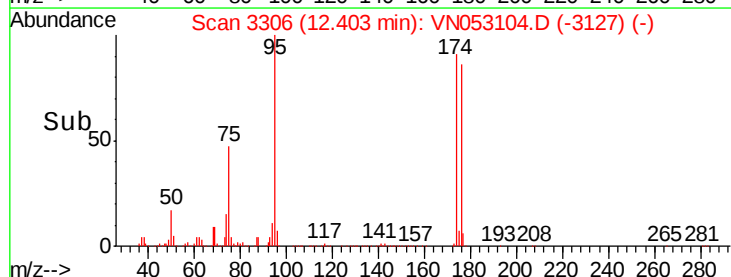
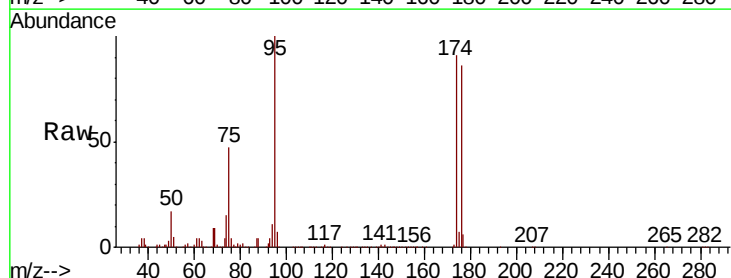
Instrument :
MSVOA_N
ClientSampleId :
S32-0638ME

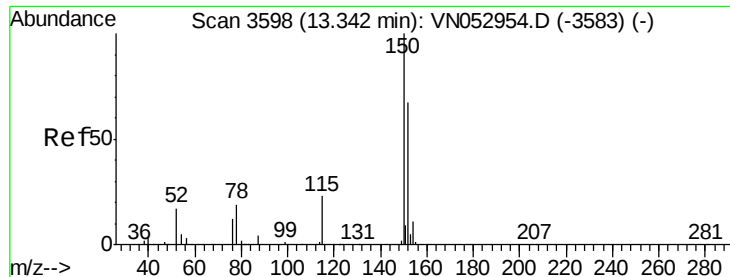
Tot Ion:106 Resp: 16086
Ion Ratio Lower Upper
106 100
91 206.2 162.2 243.4



#71
Bromoform
Concen: 0.364 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053104.D
Acq: 21 Dec 2018 16:12

Tgt Ion:173 Resp: 3199
Ion Ratio Lower Upper
173 100
175 1193.9 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

S32-0638ME

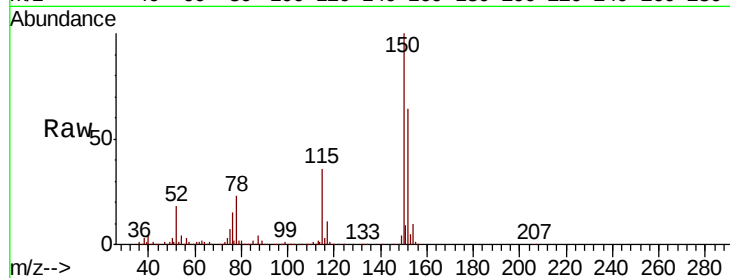
Tot Ion:152 Resp: 654526

Ion Ratio Lower Upper

152 100

115 55.3 28.3 85.0

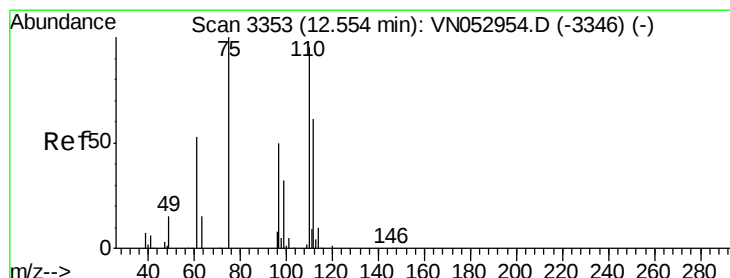
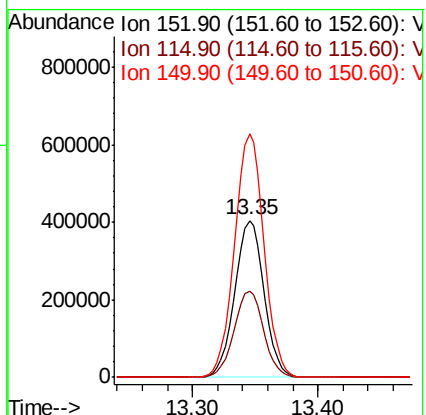
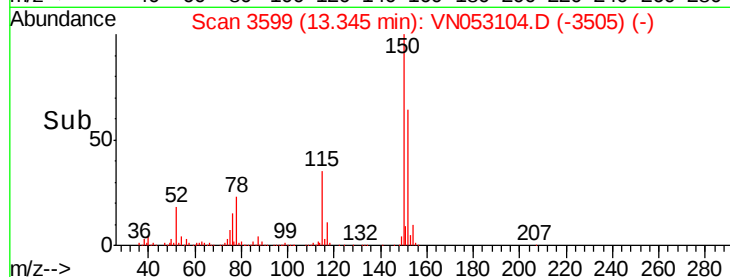
150 155.6 0.0 347.8



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



#76

1,2,3-Trichloropropane

Concen: 29.134 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053104.D

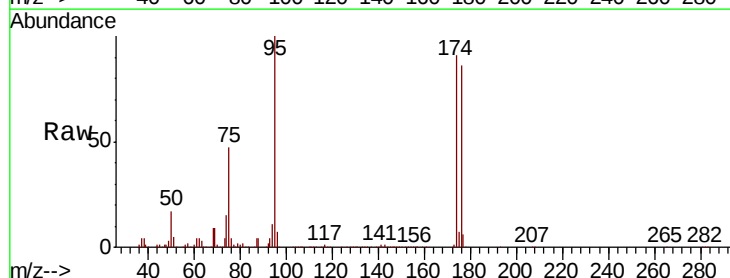
Acq: 21 Dec 2018 16:12

Tgt Ion: 75 Resp: 321006

Ion Ratio Lower Upper

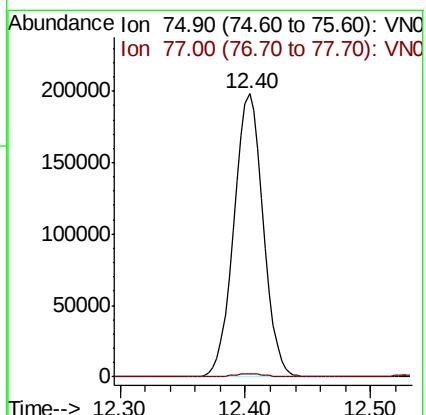
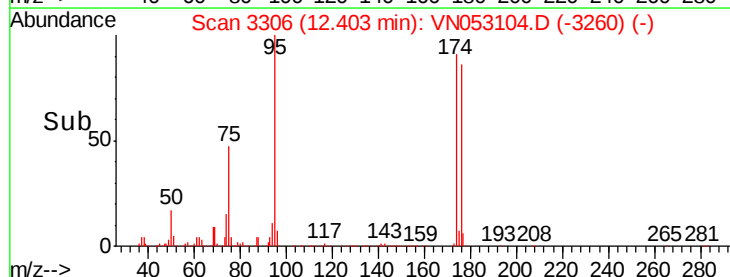
75 100

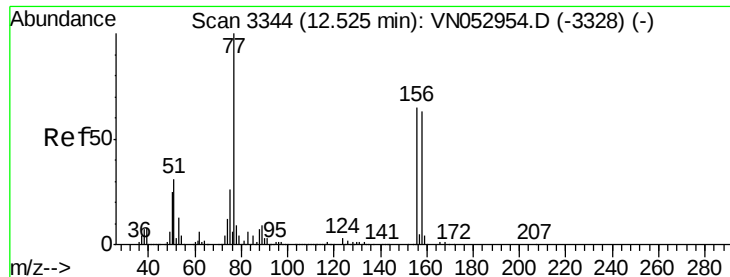
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 0.324 ug/l

RT: 12.54 min Scan# 3348

Delta R.T. 0.01 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

S32-0638ME

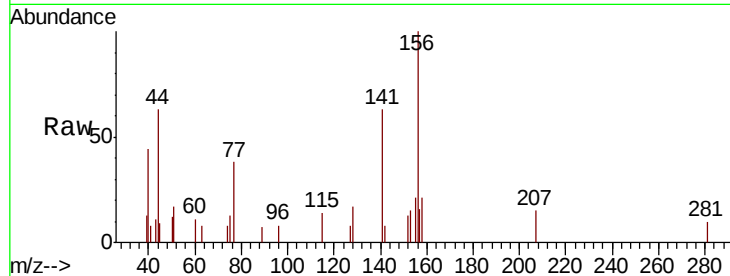
Tot Ion:156 Resp: 4307

Ion Ratio Lower Upper

156 100

77 51.1 91.3 273.8#

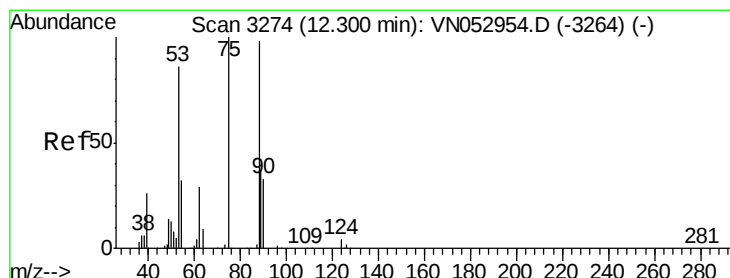
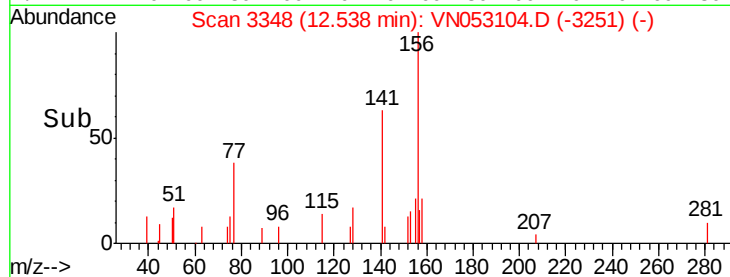
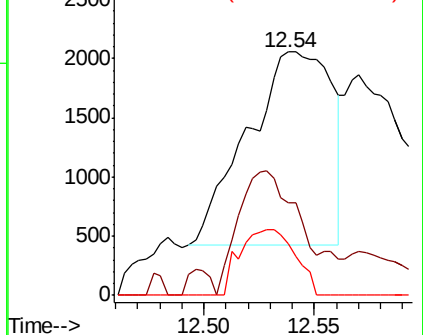
158 22.4 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 93.902 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

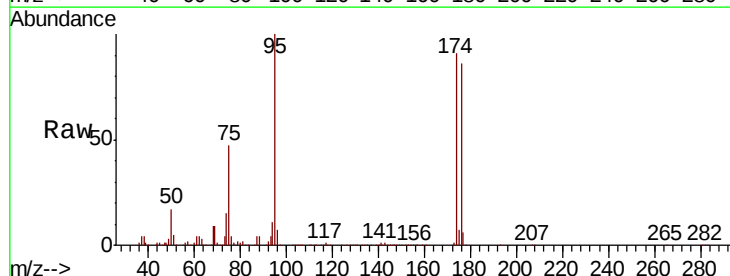
Tgt Ion: 75 Resp: 321006

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

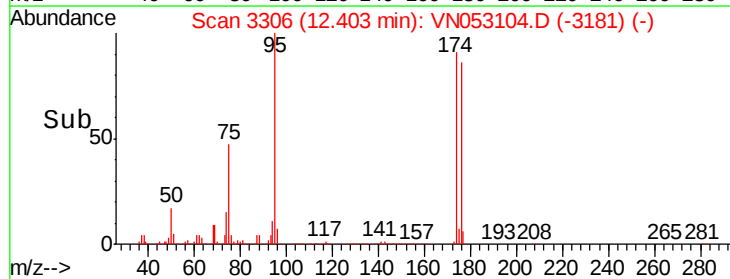
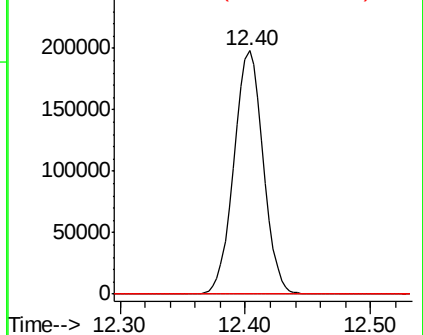
89 0.0 36.1 54.1#

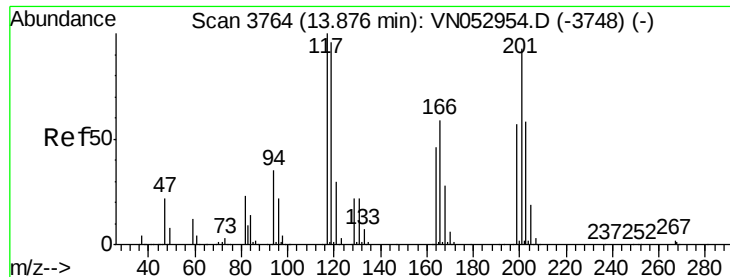


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#90

Hexachloroethane

Concen: 0.203 ug/l

RT: 13.95 min Scan# 3787

Delta R.T. 0.07 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

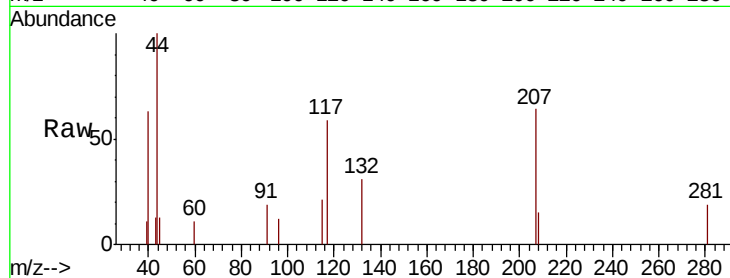
S32-0638ME

Tot Ion:117 Resp: 1344

Ion Ratio Lower Upper

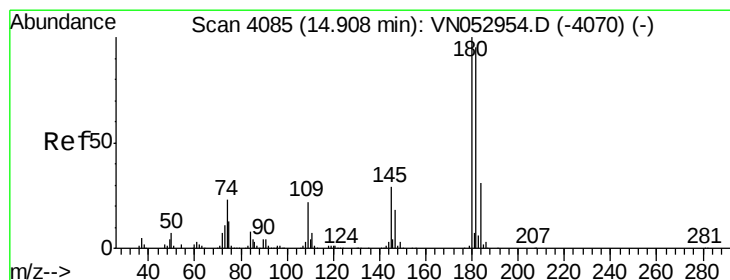
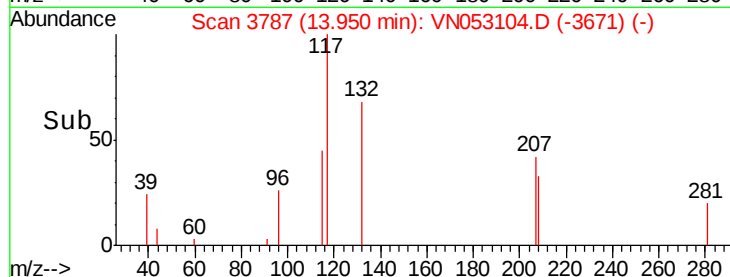
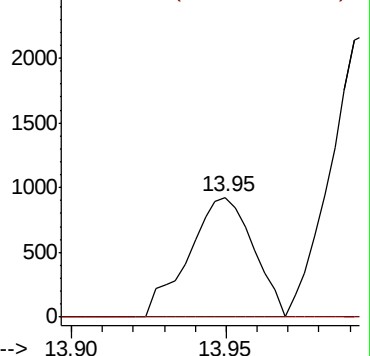
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 1.028 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

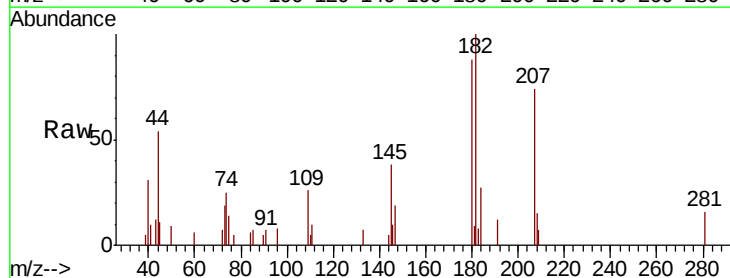
Tgt Ion:180 Resp: 5135

Ion Ratio Lower Upper

180 100

182 104.1 47.8 143.3

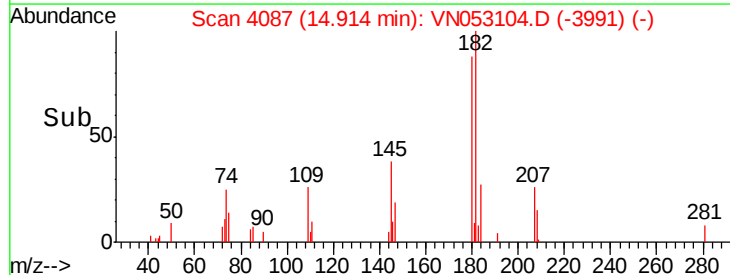
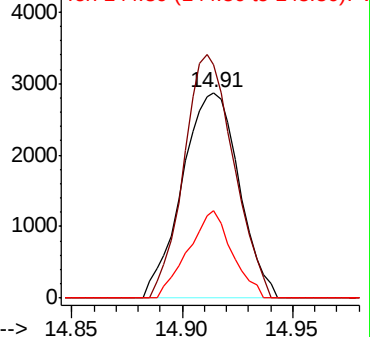
145 33.0 14.2 42.6

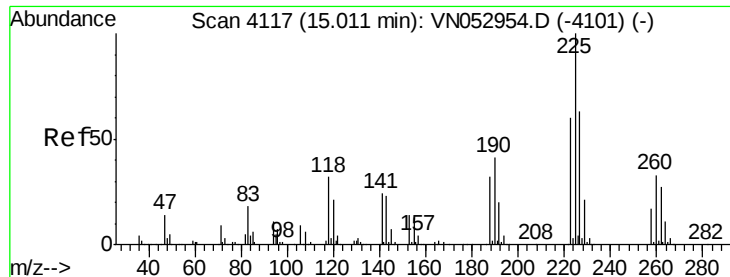


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

S32-0638ME

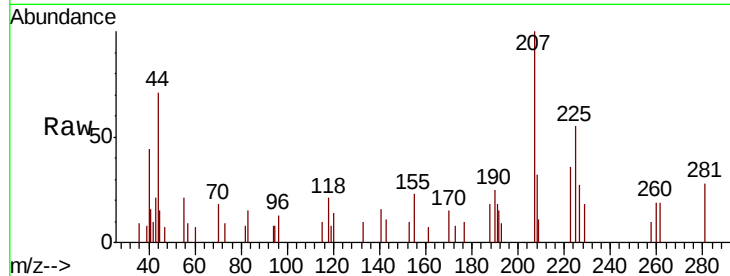
Tot Ion:225 Resp: 1935

Ion Ratio Lower Upper

225 100

223 59.2 31.5 94.5

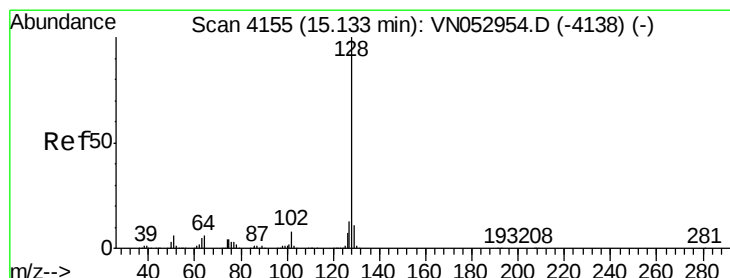
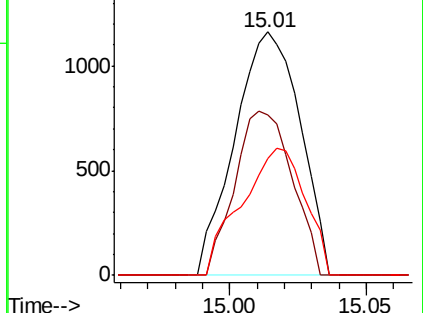
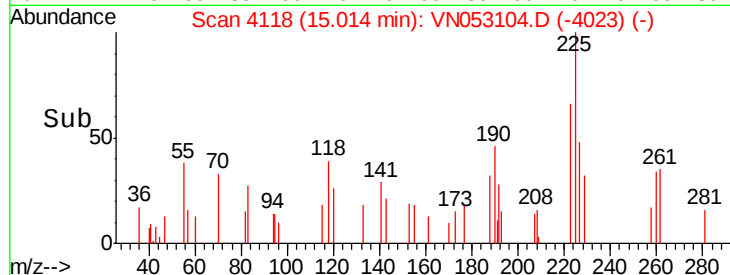
227 50.9 31.9 95.7



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



#95

Naphthalene

Concen: 2.024 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

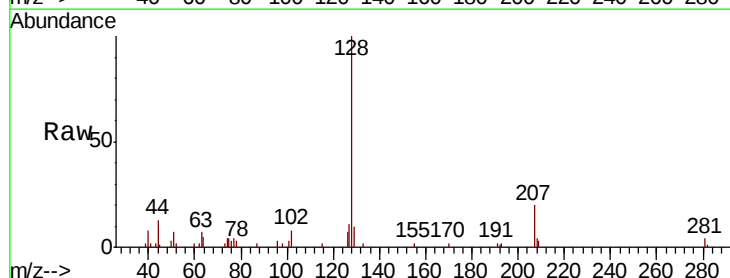
Tgt Ion:128 Resp: 23097

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

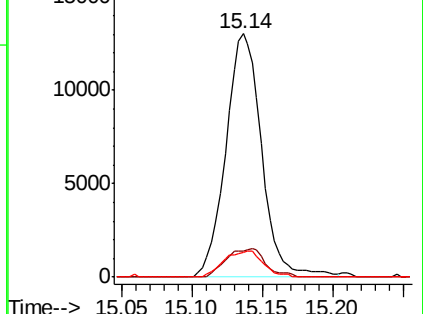
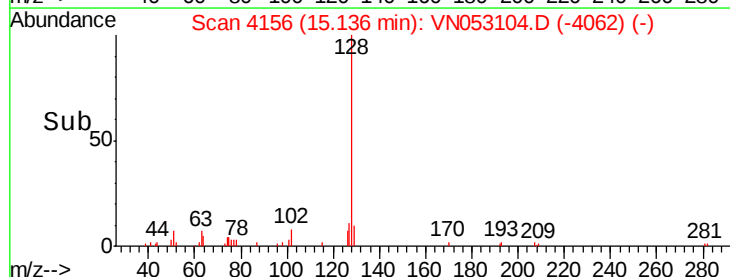
129 11.8 8.6 13.0

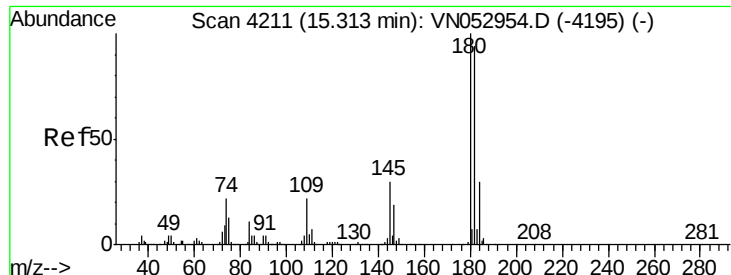


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.112 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN053104.D
 Acq: 21 Dec 2018 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0638ME

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.9	143.7
145	37.1	15.0	45.0

