

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054831.D
 Acq On : 31 Mar 2019 4:50
 Operator : JC/SP
 Sample : K2153-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

Quant Time: Apr 01 01:40:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	538691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	741191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	362063	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	7.59	113	280040	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	10.09	98	1056677	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.40	95	320646	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.72	94	31	Below Cal	#	2
8) Diethyl Ether	3.42	74	719	0.268	ug/l #	25
11) Tert butyl alcohol	4.83	59	203	0.537	ug/l #	70
13) Acrolein	3.61	56	151	0.446	ug/l #	61
16) Acetone	3.82	43	8069	4.660	ug/l #	81
17) Carbon Disulfide	4.05	76	4045	0.295	ug/l #	74
18) Methyl Acetate	4.32	43	1132	Below Cal	#	49
20) Methylene Chloride	4.55	84	29065	4.758	ug/l	86
25) 2-Butanone	6.87	43	1704	0.666	ug/l #	83
29) Tetrahydrofuran	7.23	42	1210	0.681	ug/l #	48
30) Chloroform	7.37	83	2869	0.273	ug/l	95
31) Cyclohexane	7.67	56	12332	Below Cal	#	37
36) 1,1-Dichloropropene	7.67	75	40404	4.942	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51045	6.428	ug/l #	16
43) Isopropyl Acetate	8.18	43	14623	1.501	ug/l	98
45) 1,2-Dichloropropane	9.27	63	1638	0.246	ug/l #	43
48) Methyl methacrylate	9.18	41	6846	1.296	ug/l #	11
51) 4-Methyl-2-Pentanone	10.03	43	7933	1.448	ug/l #	36
52) Toluene	10.16	92	3445	0.247	ug/l	98
54) cis-1,3-Dichloropropene	9.91	75	50195	5.728	ug/l #	75
57) 1,3-Dichloropropane	10.77	76	8717	0.980	ug/l #	43
59) 2-Hexanone	10.77	43	143798	41.014	ug/l #	48
68) m/p-Xylenes	11.62	106	5732	0.591	ug/l	91
69) o-Xylene	11.95	106	3192	0.336	ug/l	91
71) Bromoform	12.41	173	3044	0.957	ug/l #	1
74) N-amyl acetate	11.88	43	10720	1.577	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	164651	35.500	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6129	0.342	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	164651	138.087	ug/l #	11
83) tert-Butylbenzene	12.99	119	435	Below Cal	#	75
84) 1,2,4-Trimethylbenzene	13.04	105	10627	0.623	ug/l	100
95) Naphthalene	15.13	128	16343	1.698	ug/l #	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054831.D
Acq On : 31 Mar 2019 4:50
Operator : JC/SP
Sample : K2153-28
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SP-2

Quant Time: Apr 01 01:40:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

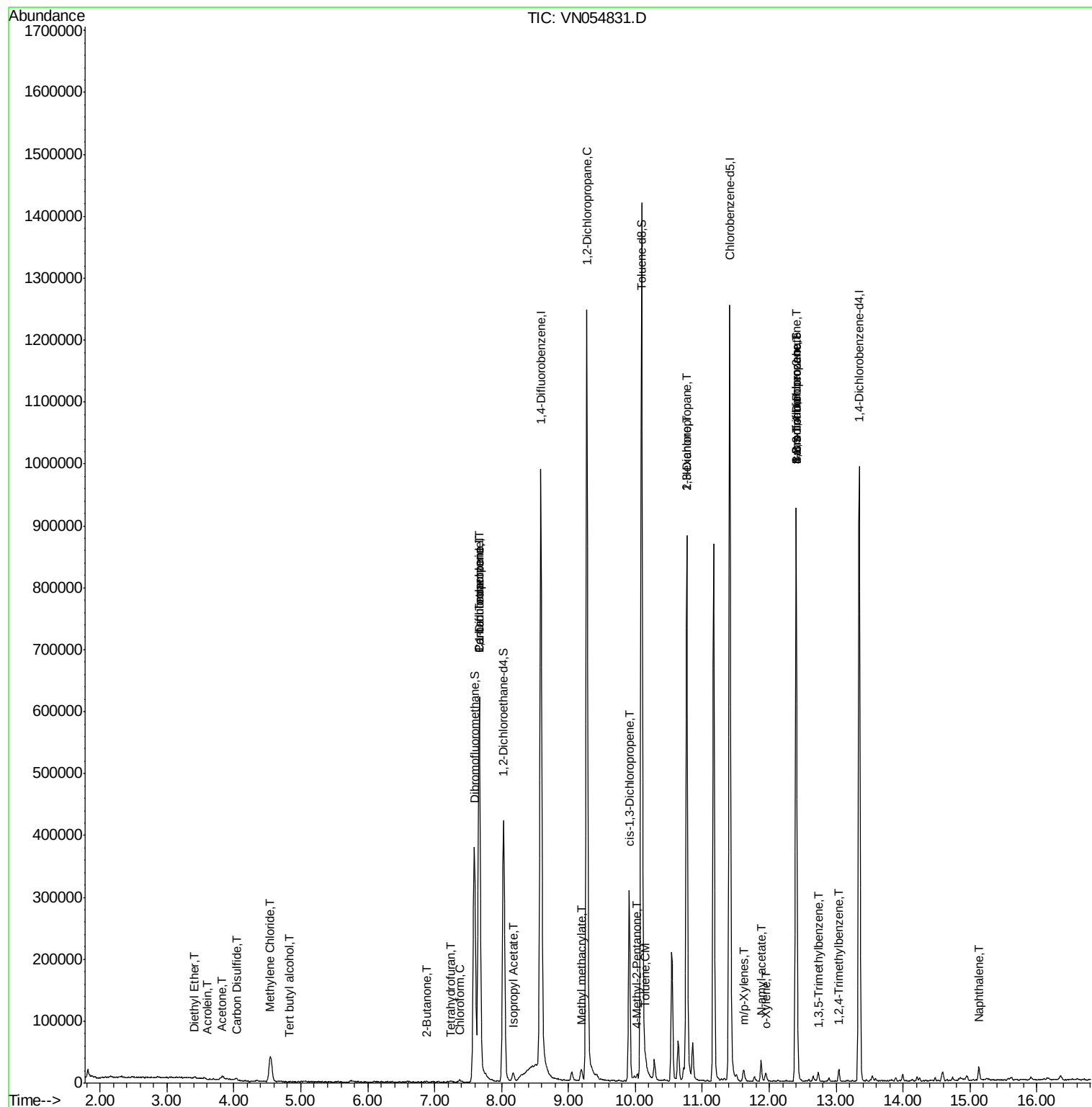
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

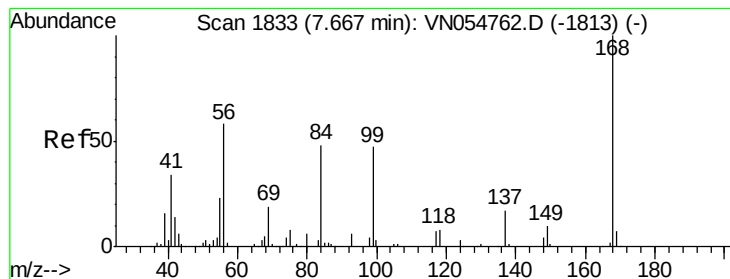
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054831.D
Acq On : 31 Mar 2019 4:50
Operator : JC/SP
Sample : K2153-28
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SP-2

Quant Time: Apr 01 01:40:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 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: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

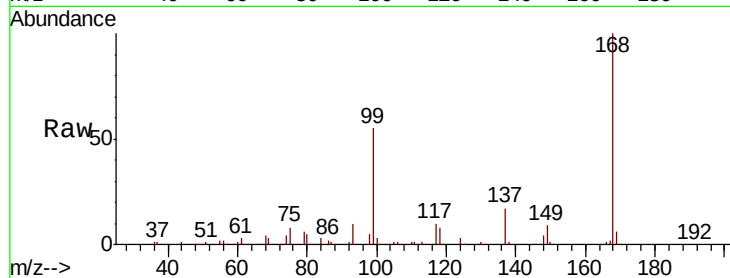
SP-2

Tot Ion:168 Resp: 538691

Ion Ratio Lower Upper

168 100

99 55.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054831.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054831.D (-1740) (-)

7.67

250000

200000

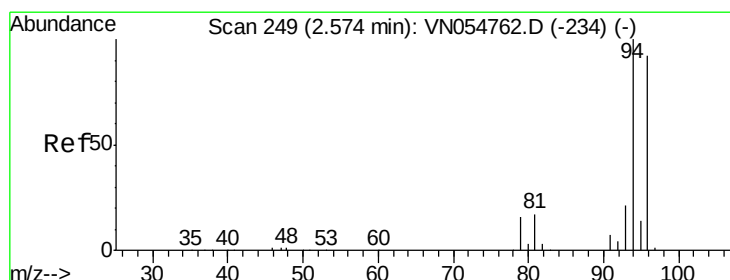
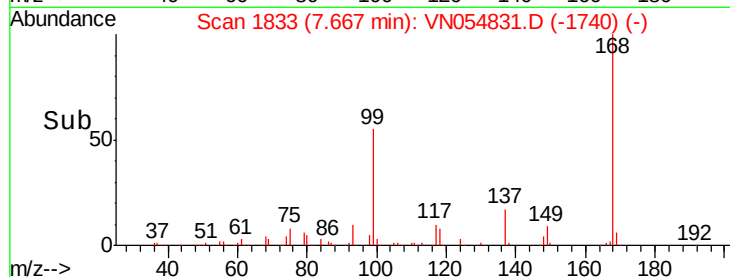
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.72 min Scan# 293

Delta R.T. 0.14 min

Lab File: VN054831.D

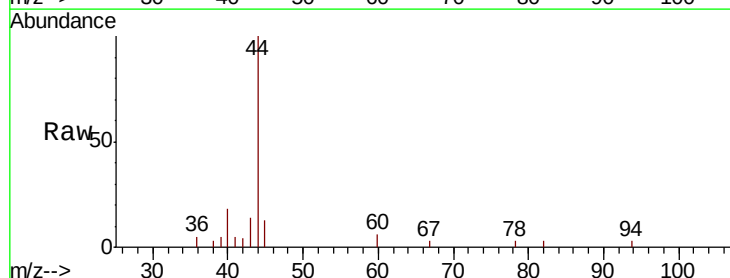
Acq: 31 Mar 2019 4:50

Tgt Ion: 94 Resp: 31

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054831.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054831.D (-156) (-)

2.72

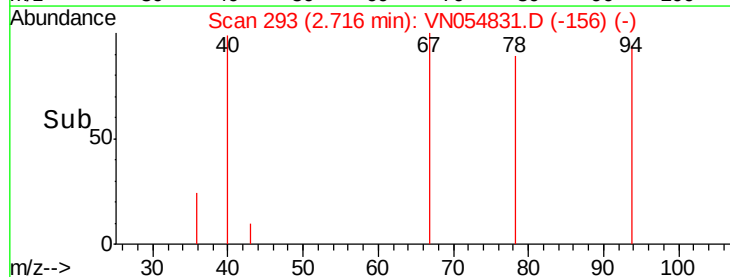
150

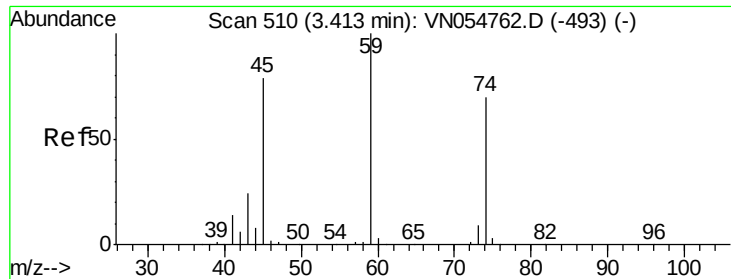
100

50

0

Time-->





#8

Diethyl Ether

Concen: 0.268 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

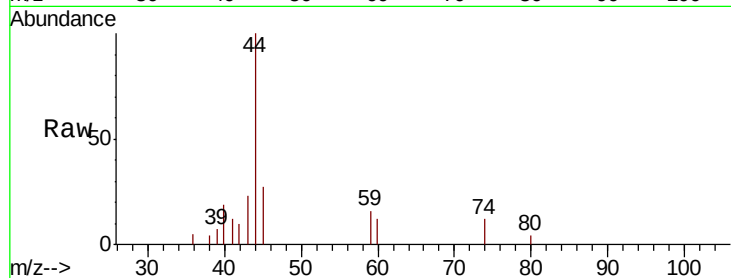
SP-2

Tot Ion: 74 Resp: 719

Ion Ratio Lower Upper

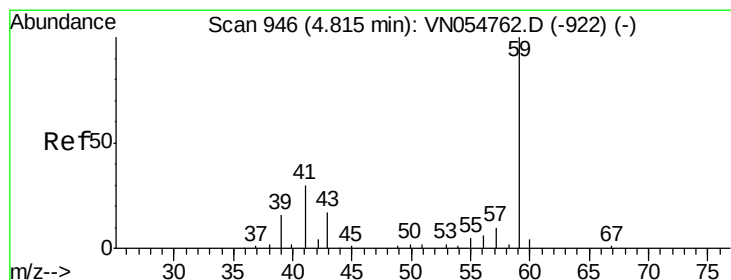
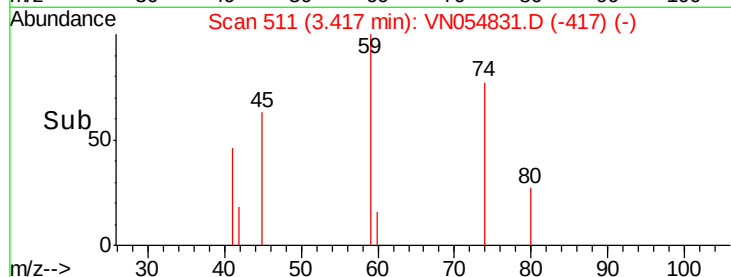
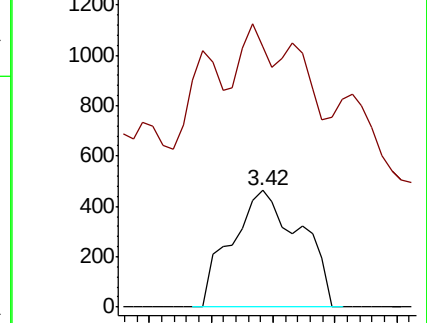
74 100

45 17.4 43.1 129.4#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#11

Tert butyl alcohol

Concen: 0.537 ug/l

RT: 4.83 min Scan# 950

Delta R.T. 0.01 min

Lab File: VN054831.D

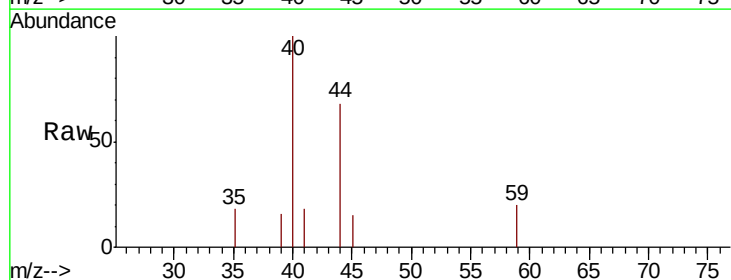
Acq: 31 Mar 2019 4:50

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

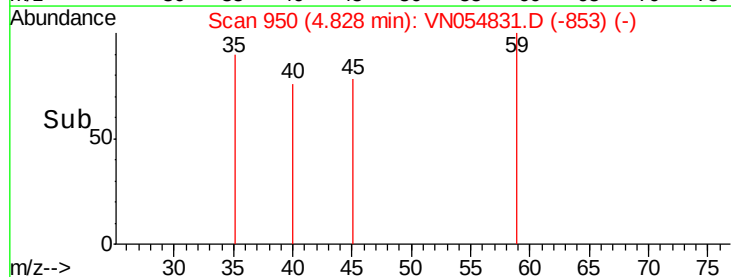
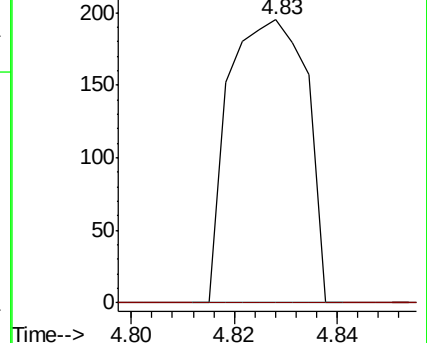
59 100

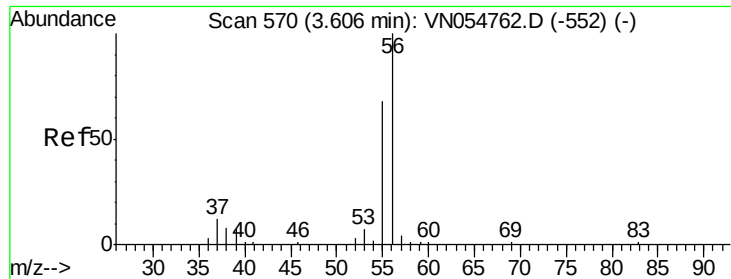
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.446 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

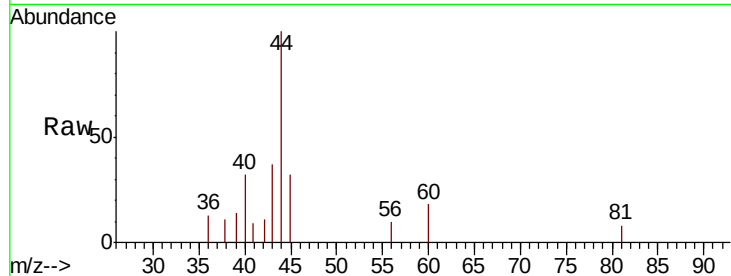
SP-2

Tot Ion: 56 Resp: 151

Ion Ratio Lower Upper

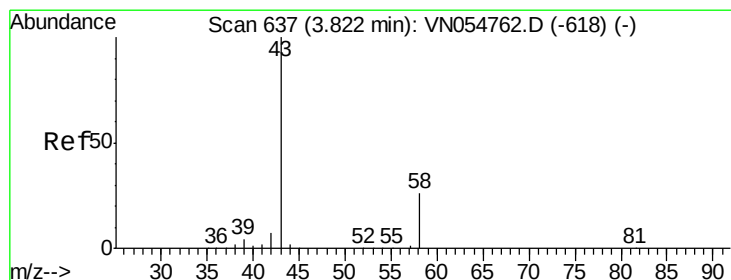
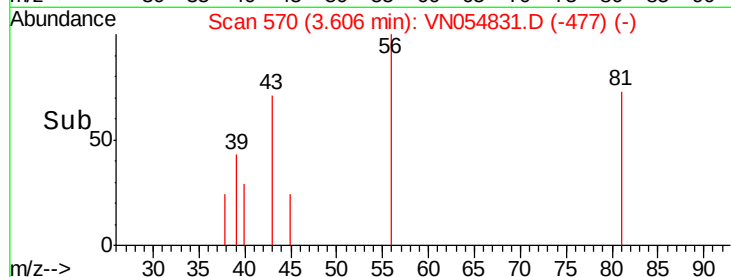
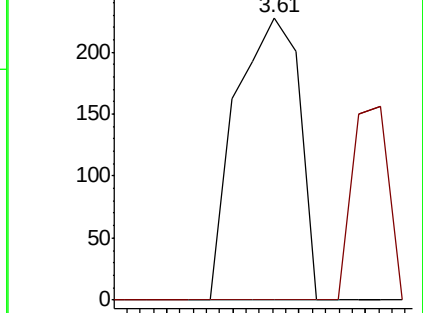
56 100

55 39.1 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 4.660 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054831.D

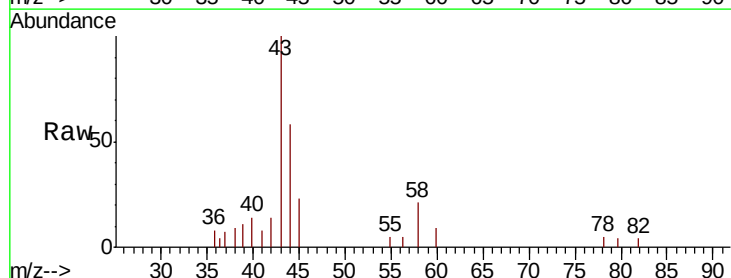
Acq: 31 Mar 2019 4:50

Tgt Ion: 43 Resp: 8069

Ion Ratio Lower Upper

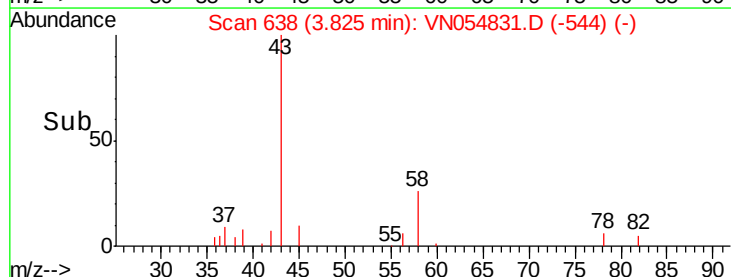
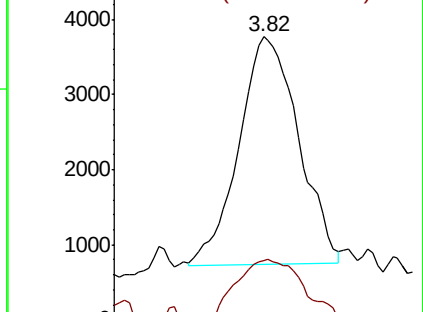
43 100

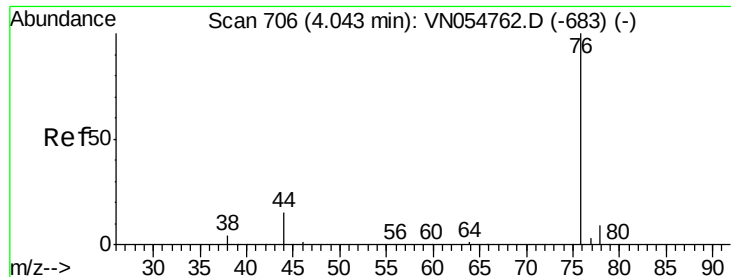
58 26.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.295 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

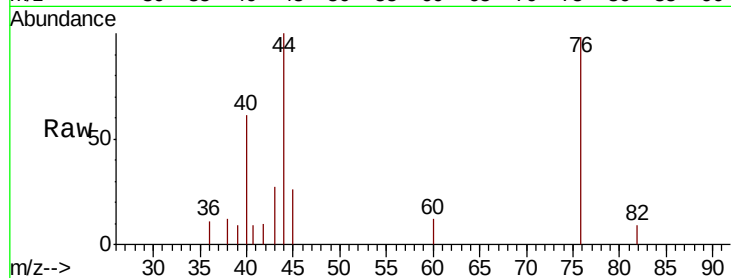
SP-2

Tot Ion: 76 Resp: 4045

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VN054762.D (-683) (-)

Ion 77.90 (77.60 to 78.60): VN054762.D (-683) (-)

4.05

1500

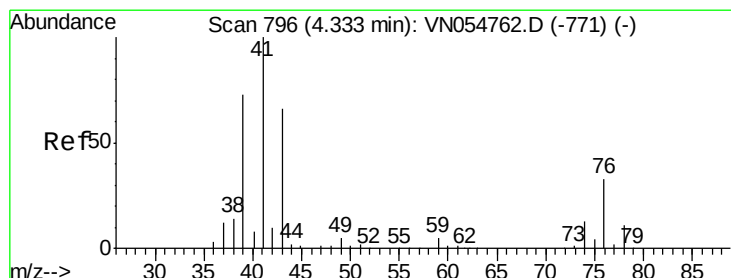
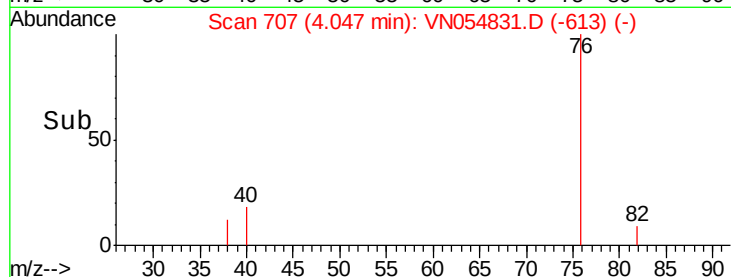
1000

500

0

4.00 4.05 4.10

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN054831.D

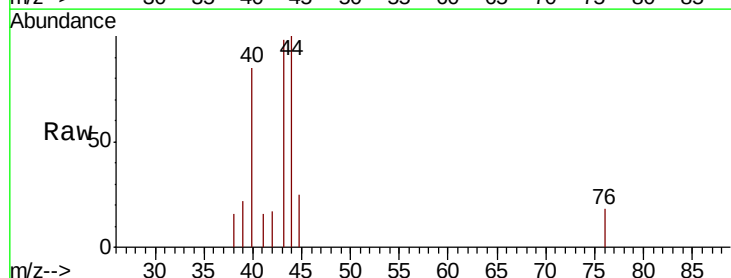
Acq: 31 Mar 2019 4:50

Tgt Ion: 43 Resp: 1132

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN054762.D (-771) (-)

4.32

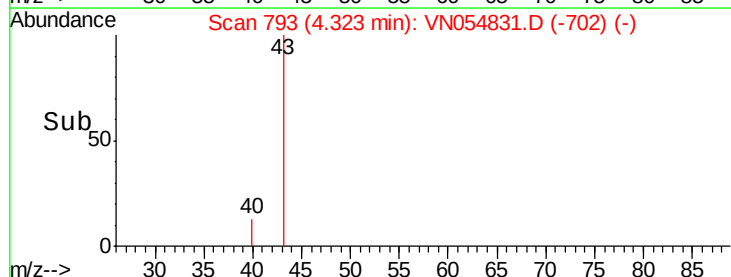
1000

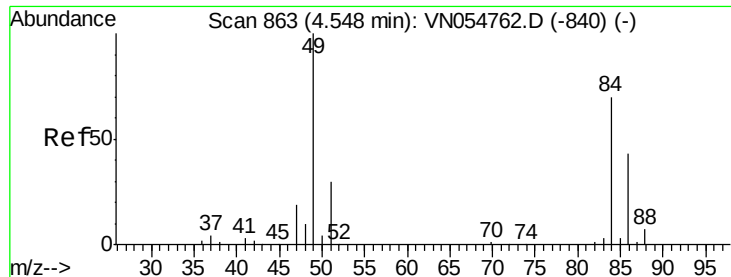
500

0

4.28 4.30 4.32 4.34

Time-->

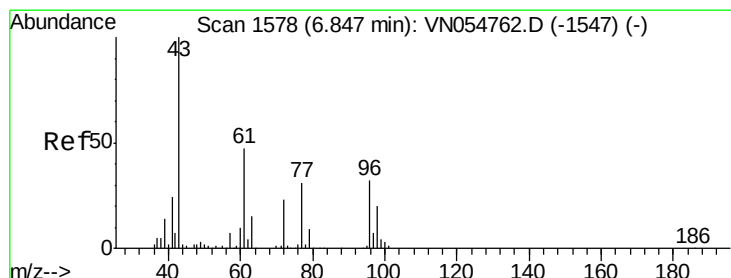
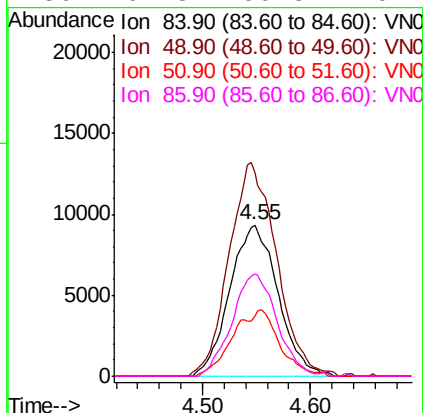
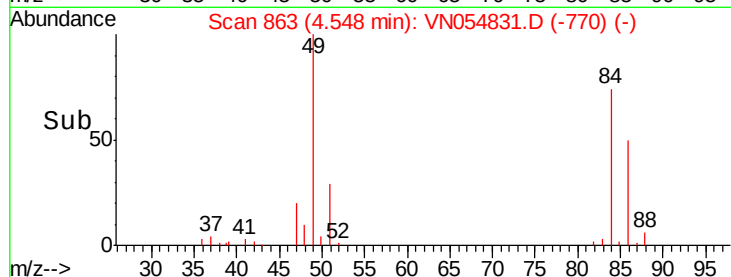
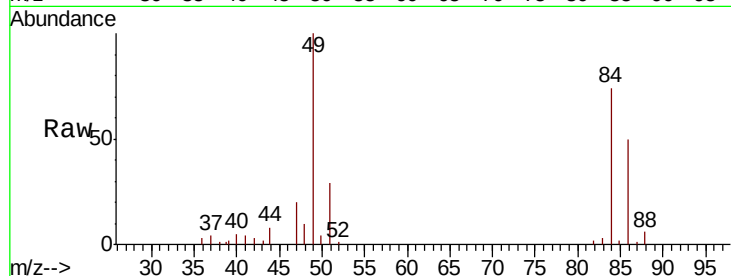




#20
Methvlene Chloride
Concen: 4.758 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

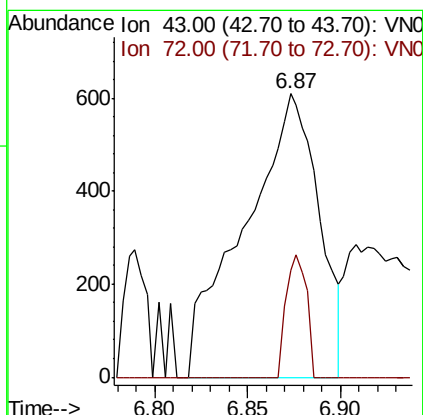
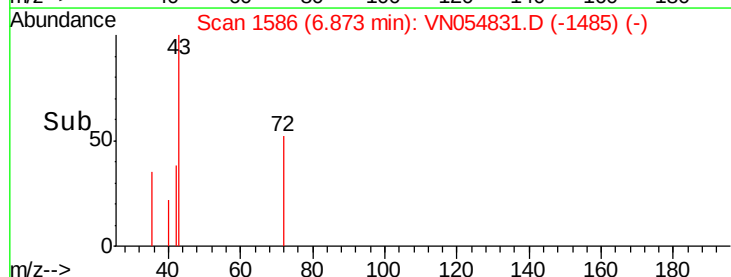
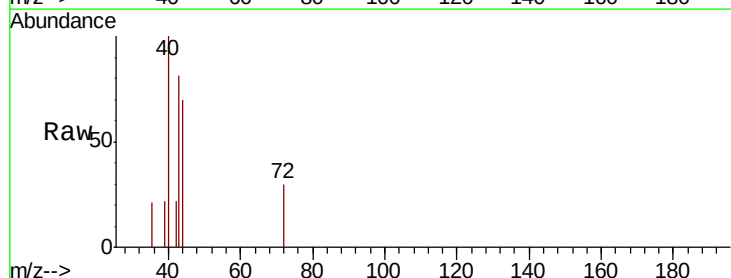
Instrument :
MSVOA_N
ClientSampled :
SP-2

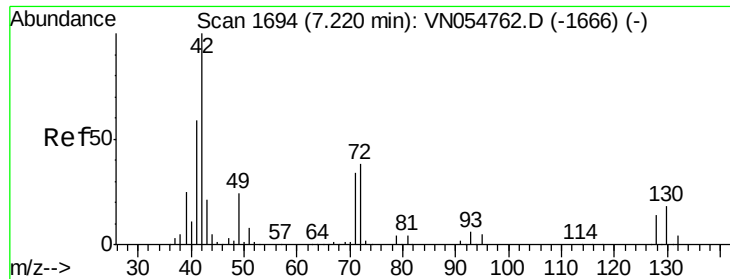
Tot Ion: 84 Resp: 29065
Ion Ratio Lower Upper
84 100
49 134.5 89.7 134.5
51 39.6 28.2 42.4
86 67.8 50.8 76.2



#25
2-Butanone
Concen: 0.666 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. 0.03 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
72 37.7 23.0 34.6#





#29

Tetrahydrofuran

Concen: 0.681 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

SP-2

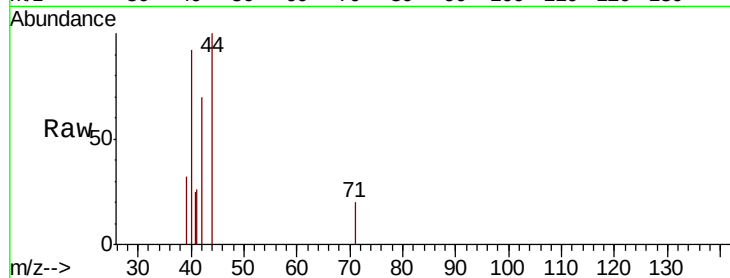
Tot Ion: 42 Resp: 1210

Ion Ratio Lower Upper

42 100

72 8.7 37.8 56.6#

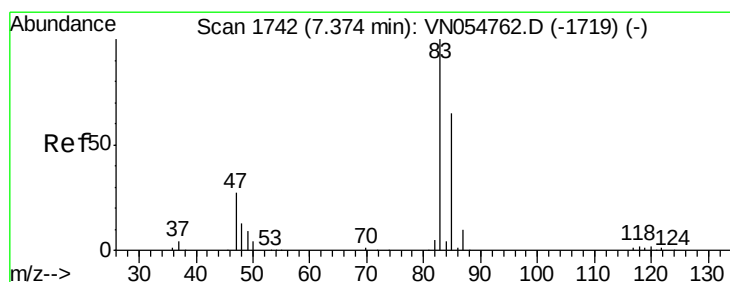
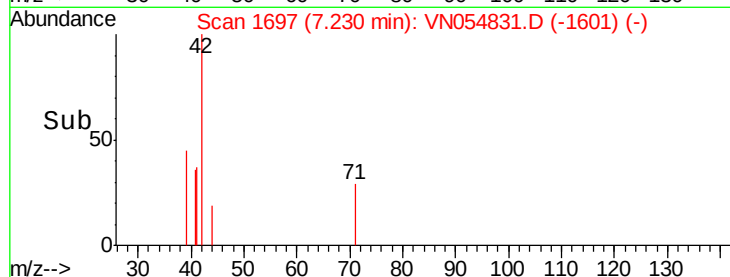
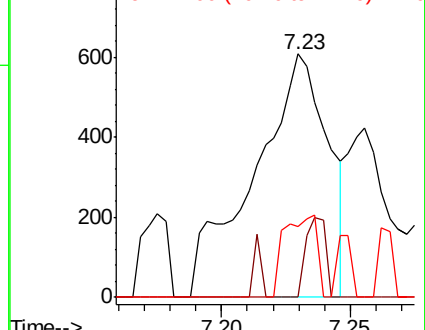
71 14.8 36.2 54.2#



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: 0.273 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN054831.D

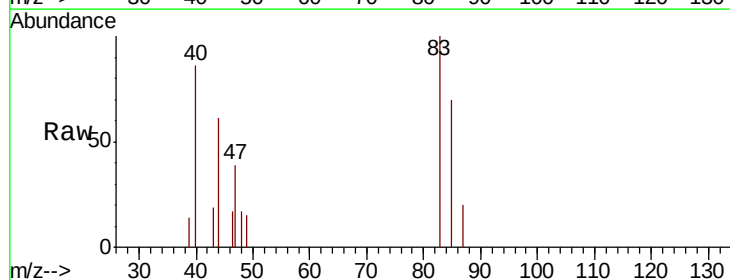
Acq: 31 Mar 2019 4:50

Tgt Ion: 83 Resp: 2869

Ion Ratio Lower Upper

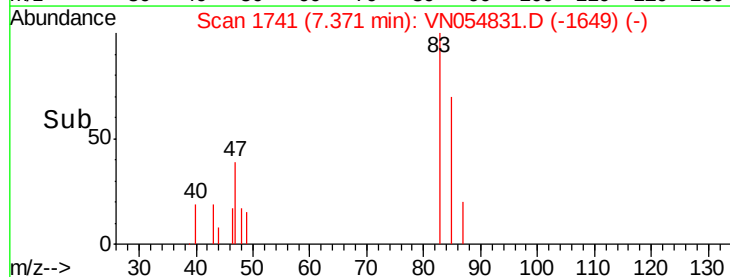
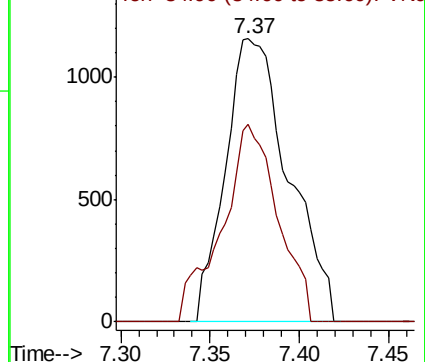
83 100

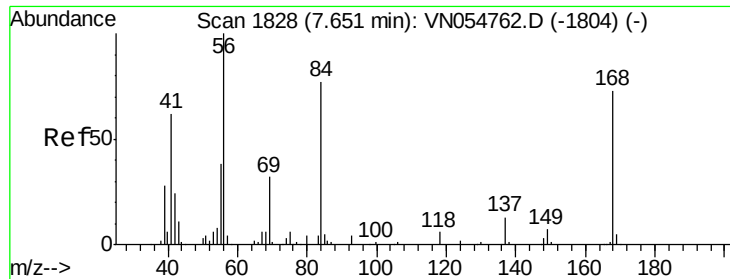
85 69.6 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

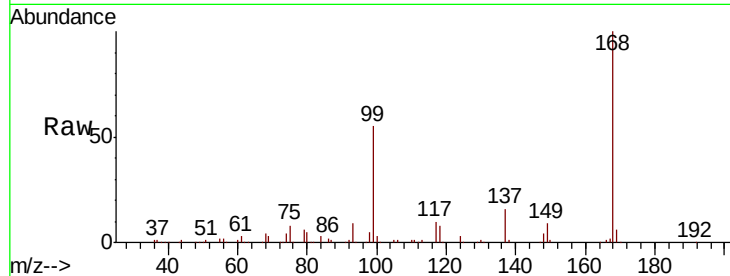




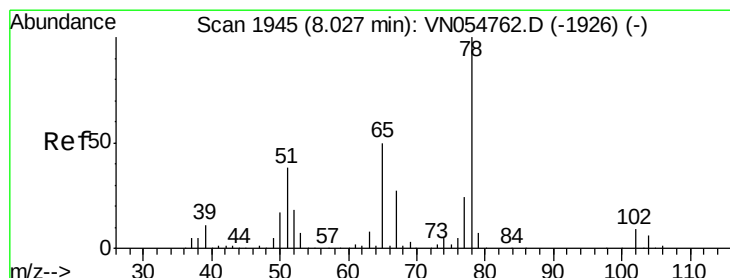
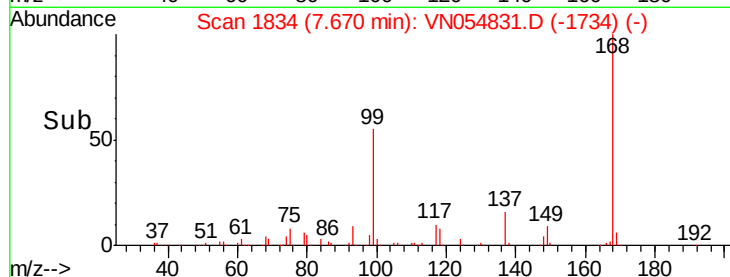
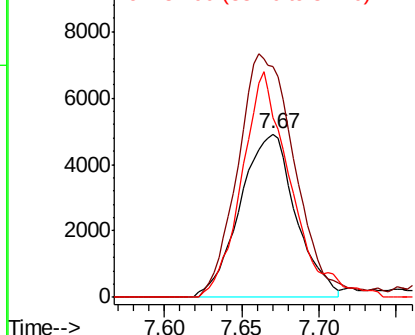
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Instrument :
MSVOA_N
ClientSampleId :
SP-2

Tot Ion: 56 Resp: 12332
Ion Ratio Lower Upper
56 100
69 141.3 27.8 41.6#
84 110.2 74.6 111.8

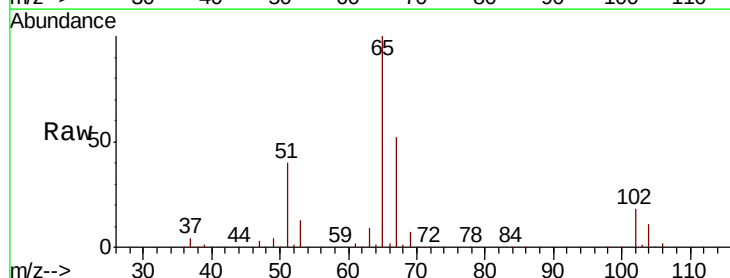


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

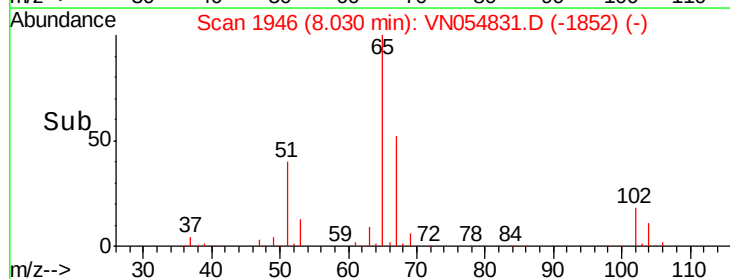
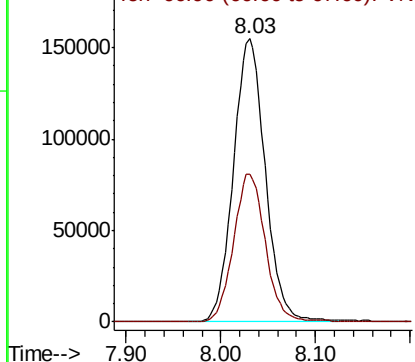


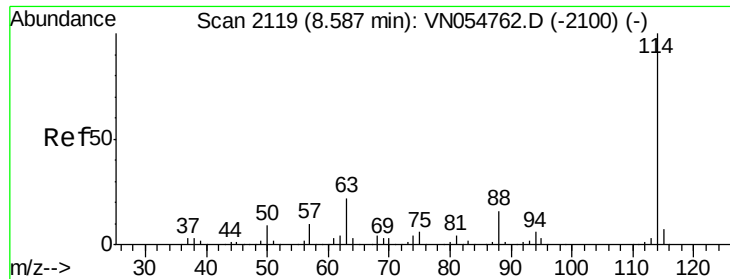
#33
1,2-Dichloroethane-d4
Concen: 49.859 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Tgt Ion: 65 Resp: 362063
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

SP-2

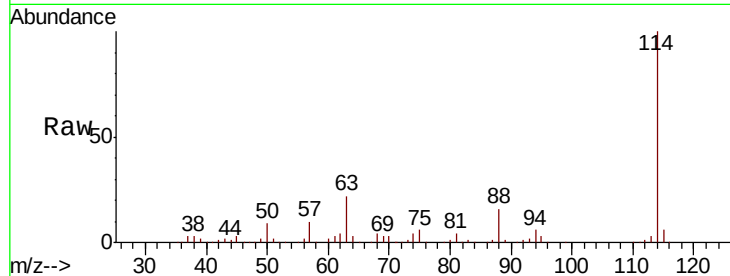
Tot Ion:114 Resp: 877361

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.2

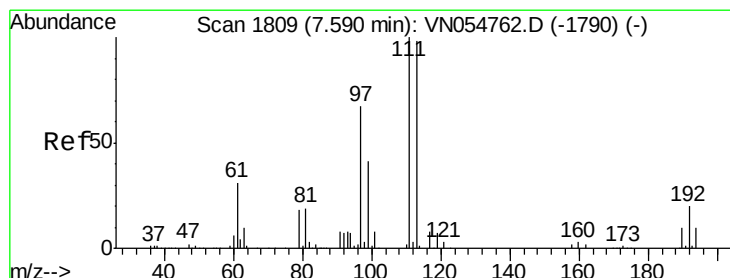
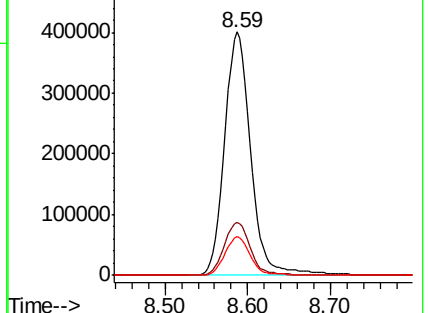
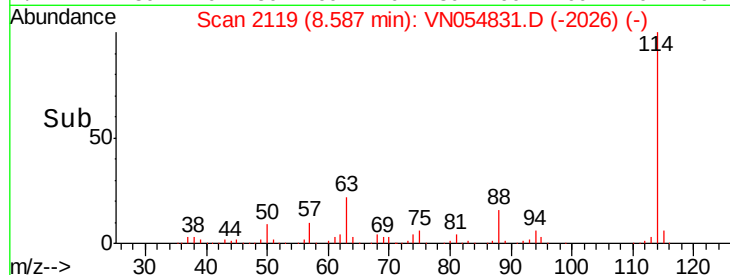
88 15.8 0.0 30.2



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: 47.876 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

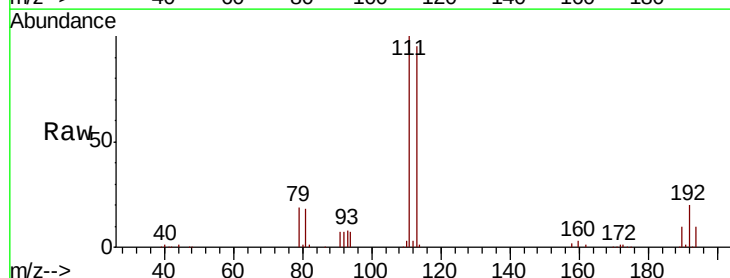
Tgt Ion:113 Resp: 280040

Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

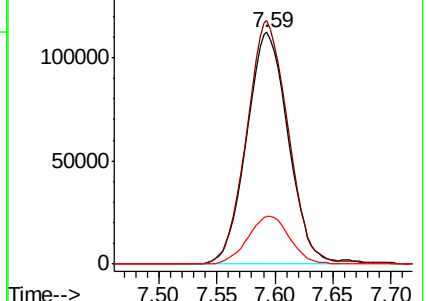
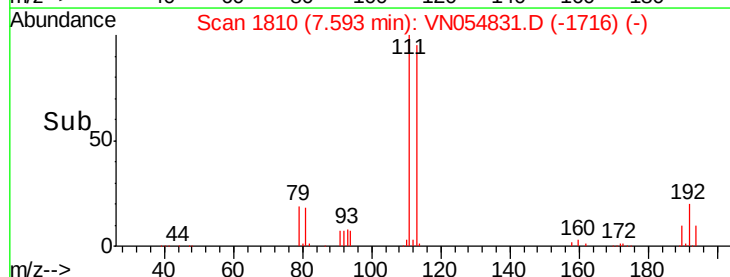
192 21.0 19.2 28.8

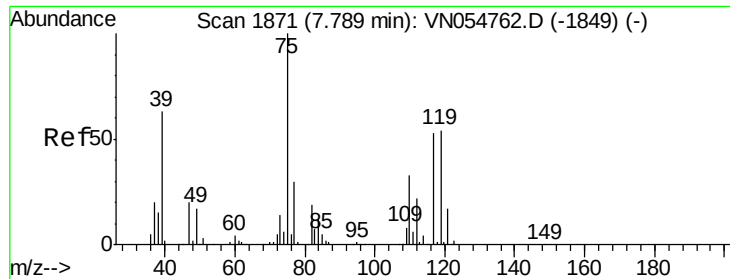


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.942 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

SP-2

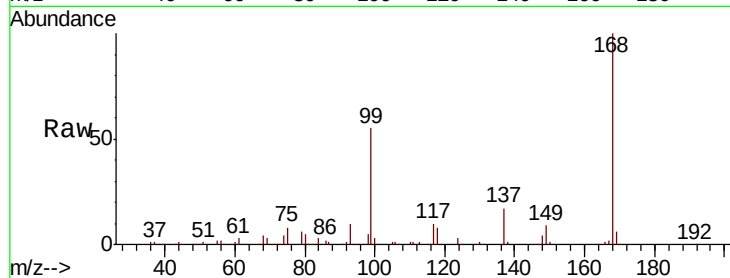
Tot Ion: 75 Resp: 40404

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.5#

77 0.0 25.0 37.4#

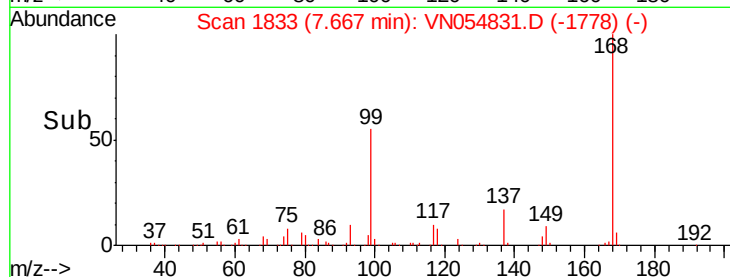


Abundance Ion 74.90 (74.60 to 75.60): VN054831.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN054831.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN054831.D (-1778) (-)

Time-->

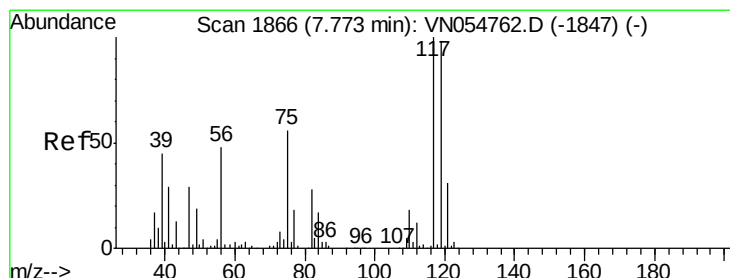


Abundance Ion 74.90 (74.60 to 75.60): VN054831.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN054831.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN054831.D (-1778) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.428 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

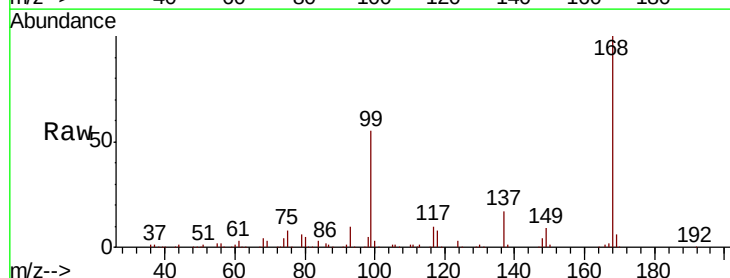
Tgt Ion: 117 Resp: 51045

Ion Ratio Lower Upper

117 100

119 4.6 76.3 114.5#

121 0.0 24.6 36.8#

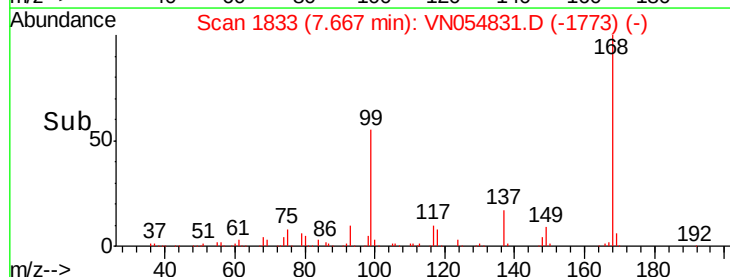


Abundance Ion 116.80 (116.50 to 117.50): VN054831.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054831.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054831.D (-1773) (-)

Time-->

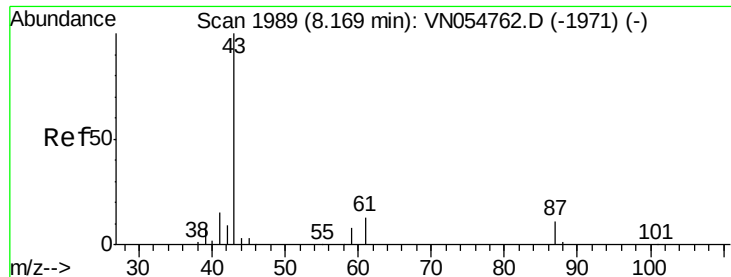


Abundance Ion 116.80 (116.50 to 117.50): VN054831.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054831.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054831.D (-1773) (-)

Time-->



#43

Isopropyl Acetate

Concen: 1.501 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

SP-2

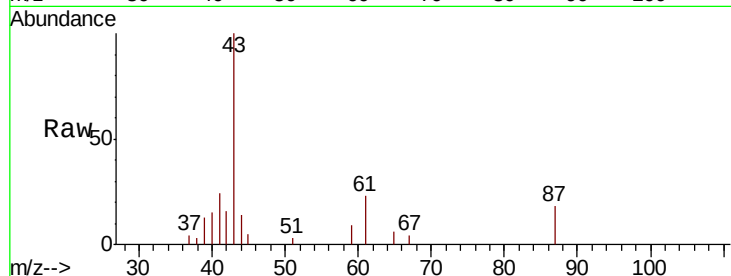
Tot Ion: 43 Resp: 14623

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

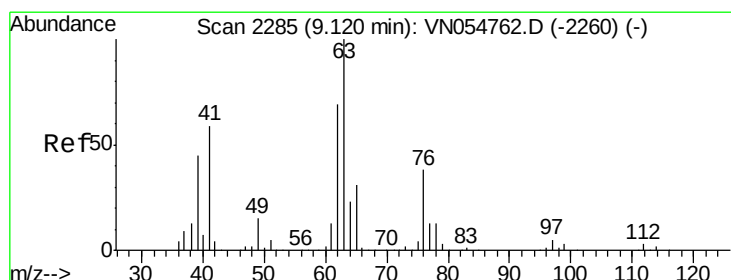
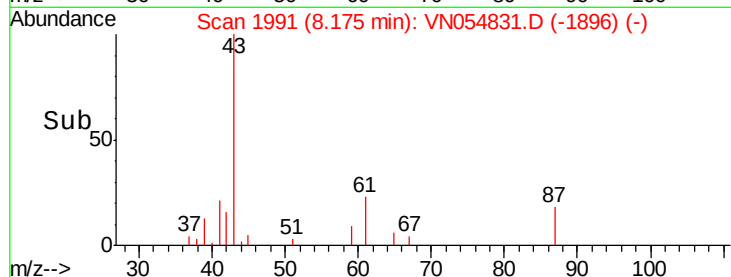
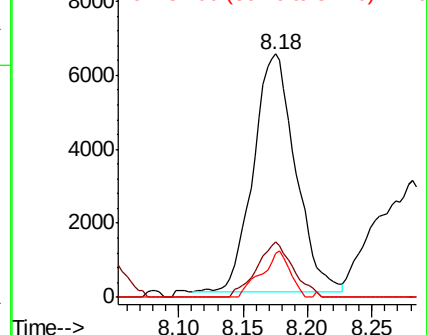
87 13.2 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.246 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN054831.D

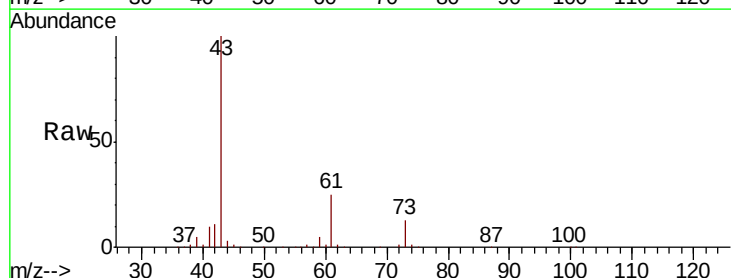
Acq: 31 Mar 2019 4:50

Tgt Ion: 63 Resp: 1638

Ion Ratio Lower Upper

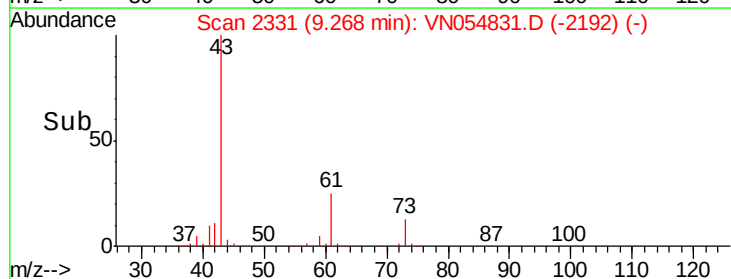
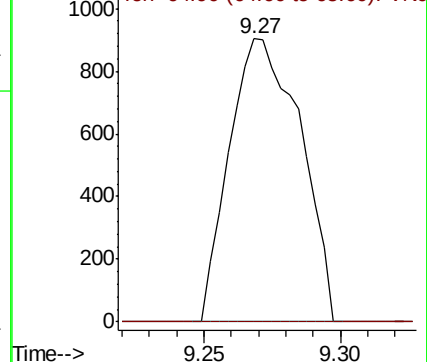
63 100

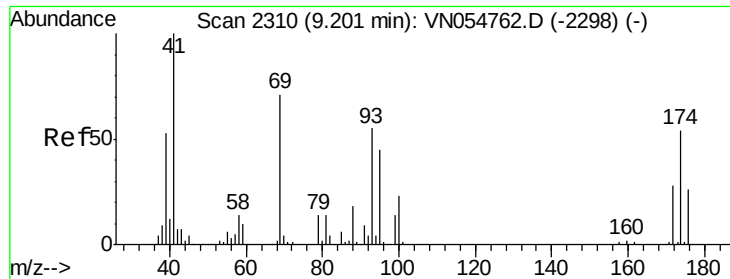
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

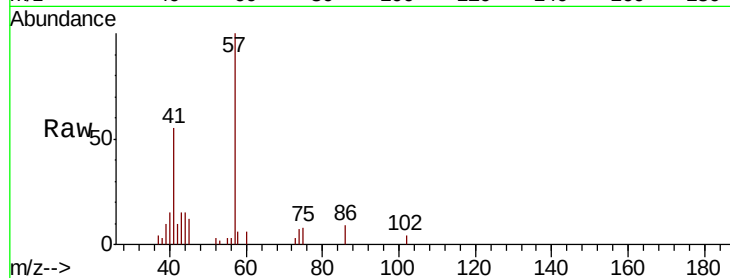




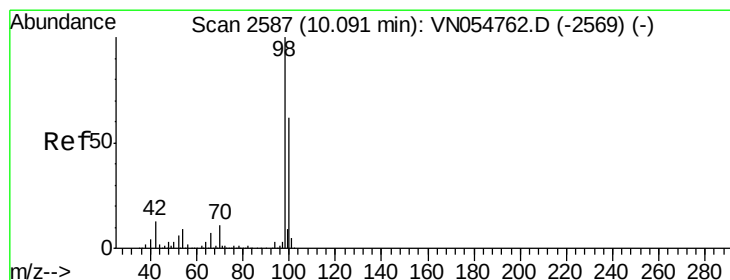
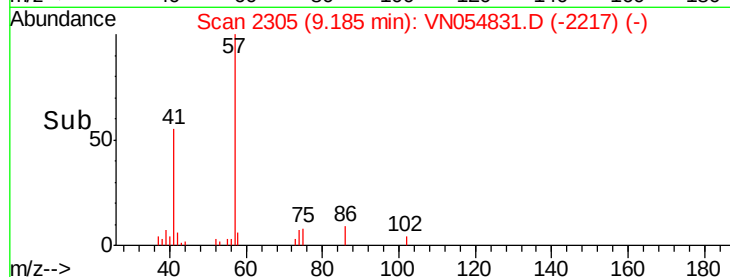
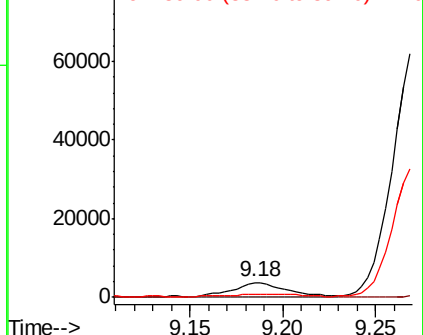
#48
Methvl methacrylate
Concen: 1.296 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Instrument :
MSVOA_N
ClientSampled :
SP-2

Tot Ion: 41 Resp: 6846
Ion Ratio Lower Upper
41 100
69 0.4 72.6 108.8#
39 0.0 47.5 71.3#

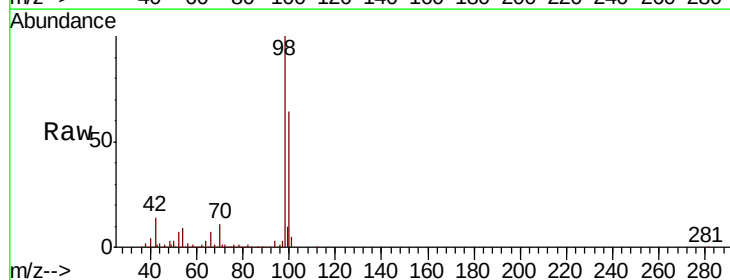


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

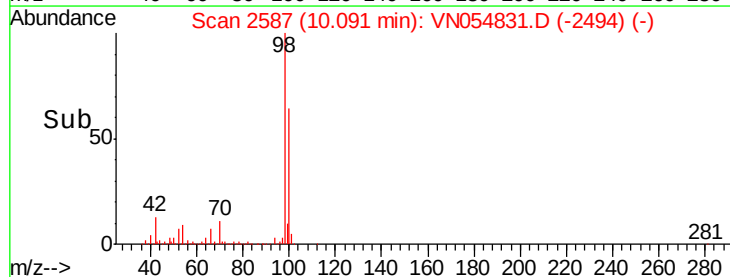
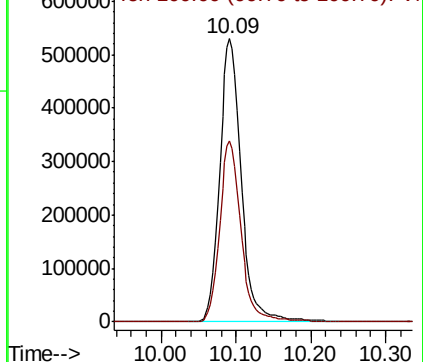


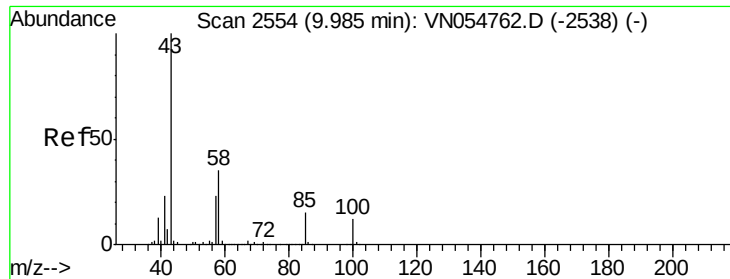
#50
Toluene-d8
Concen: 48.591 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Tgt Ion: 98 Resp: 1056677
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8



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

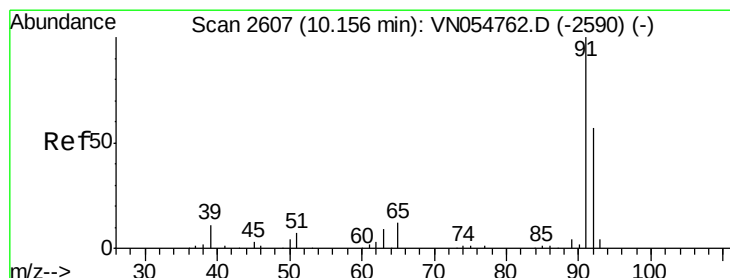
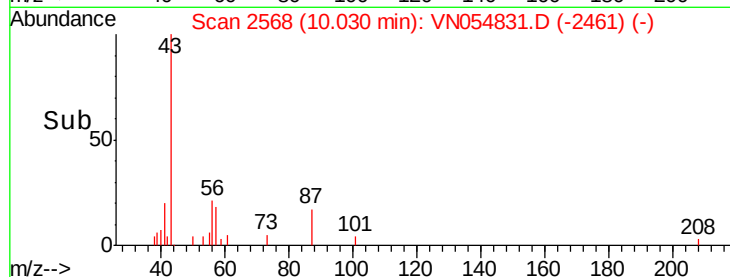
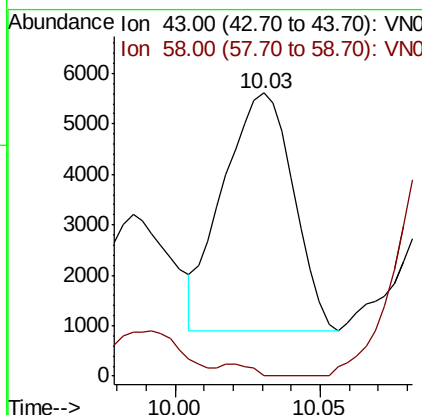
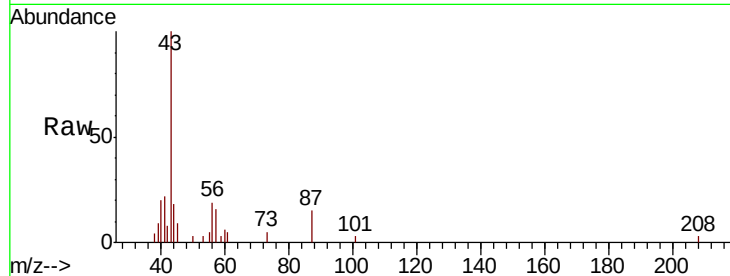




#51
 4-Methyl-2-Pentanone
 Concen: 1.448 ug/l
 RT: 10.03 min Scan# 2568
 Delta R.T. 0.05 min
 Lab File: VN054831.D
 Acq: 31 Mar 2019 4:50

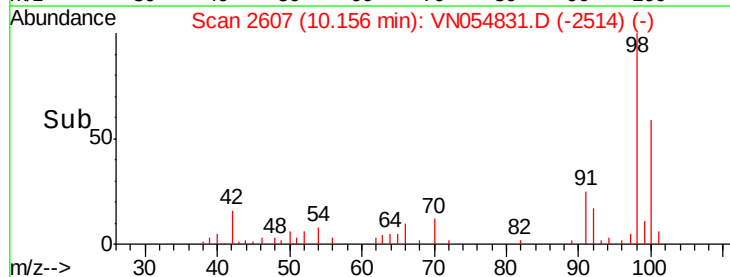
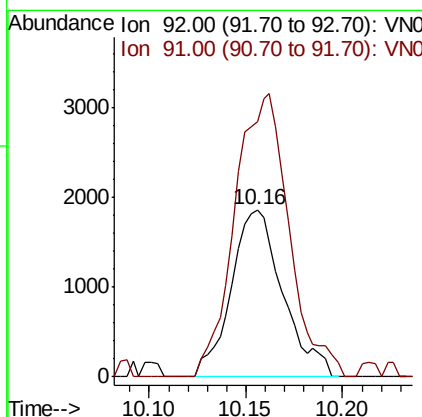
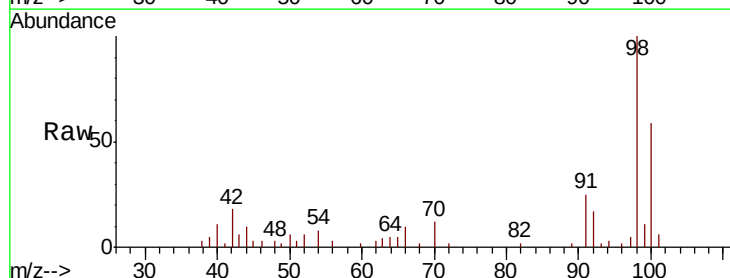
Instrument :
 MSVOA_N
 ClientSampled :
 SP-2

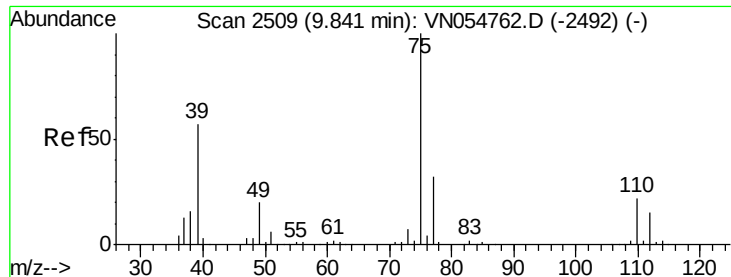
Tot Ion: 43 Resp: 7933
 Ion Ratio Lower Upper
 43 100
 58 0.0 31.8 47.6#



#52
 Toluene
 Concen: 0.247 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054831.D
 Acq: 31 Mar 2019 4:50

Tgt Ion: 92 Resp: 3445
 Ion Ratio Lower Upper
 92 100
 91 178.2 140.7 211.1



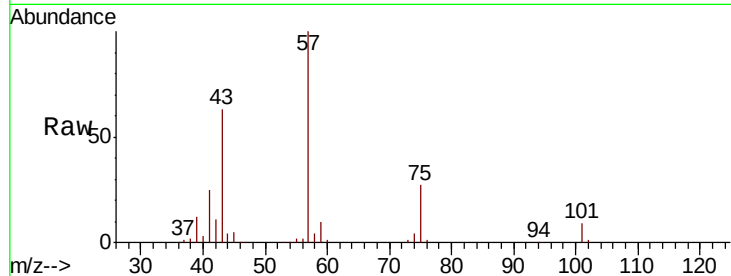


#54

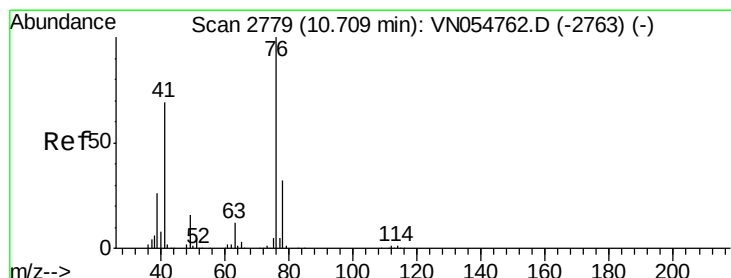
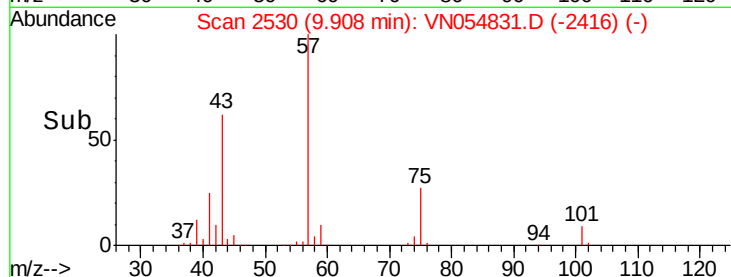
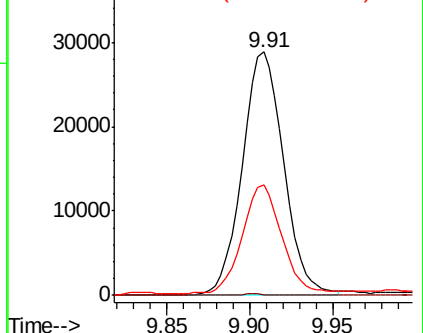
cis-1,3-Dichloropropene
 Concen: 5.728 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054831.D
 Acq: 31 Mar 2019 4:50

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
39	44.4	37.2	55.8



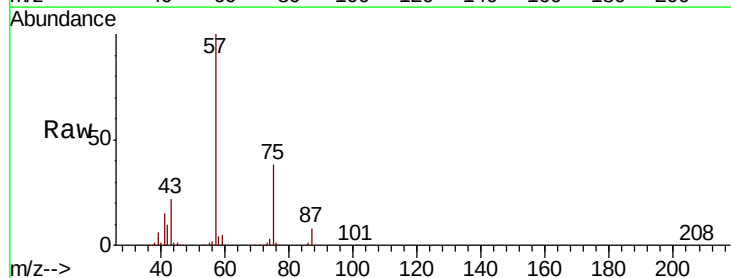
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



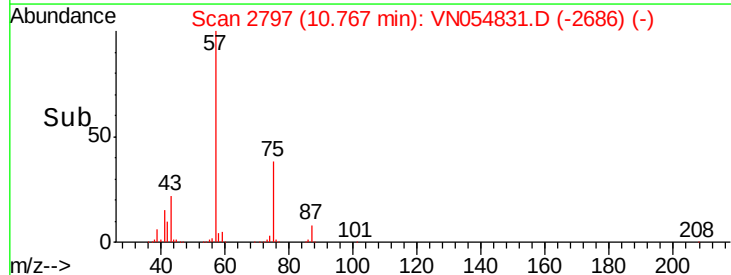
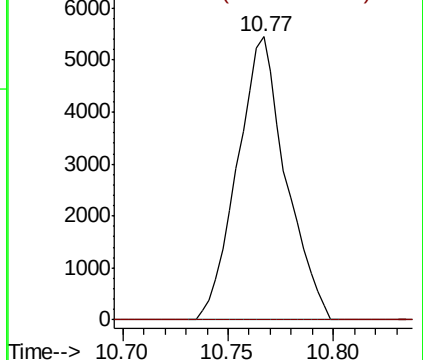
#57

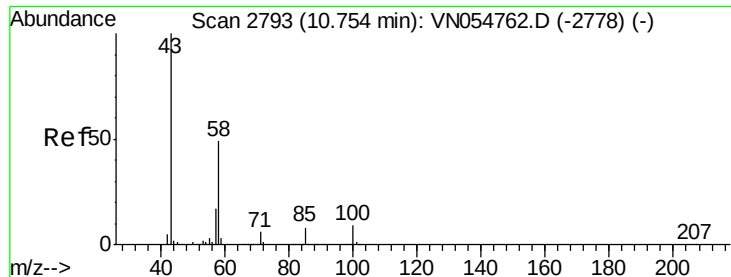
1,3-Dichloropropane
 Concen: 0.980 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054831.D
 Acq: 31 Mar 2019 4:50

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 41.014 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

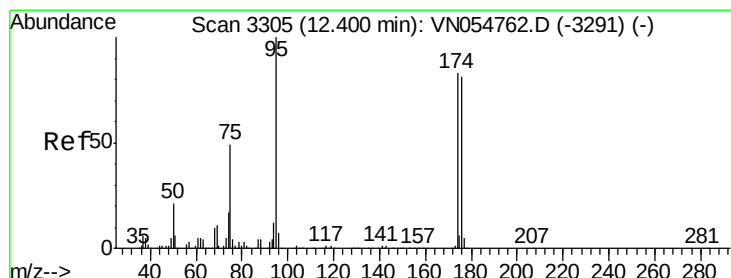
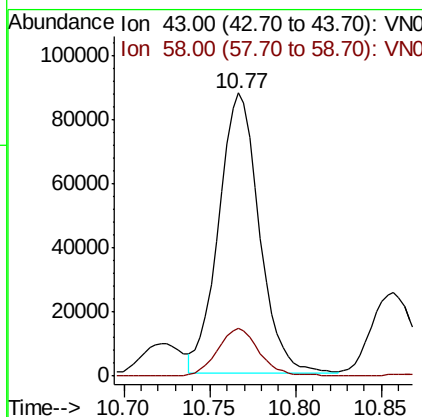
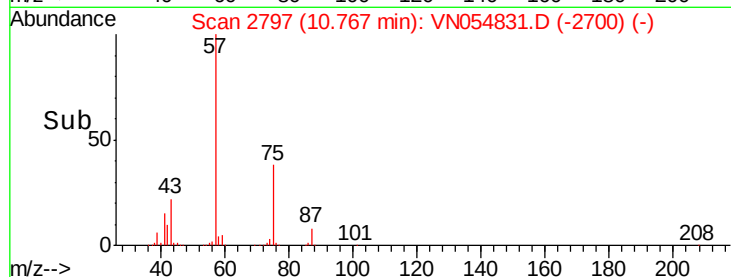
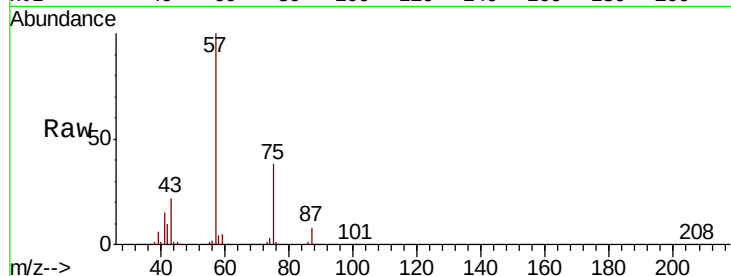
SP-2

Tot Ion: 43 Resp: 143798

Ion Ratio Lower Upper

43 100

58 17.7 28.0 83.9#



#62

4-Bromofluorobenzene

Concen: 44.335 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

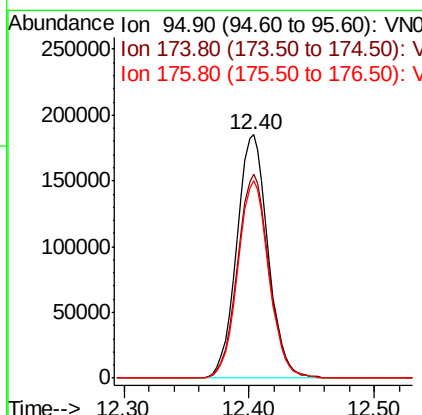
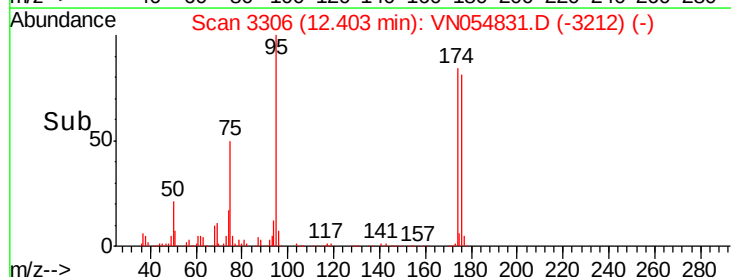
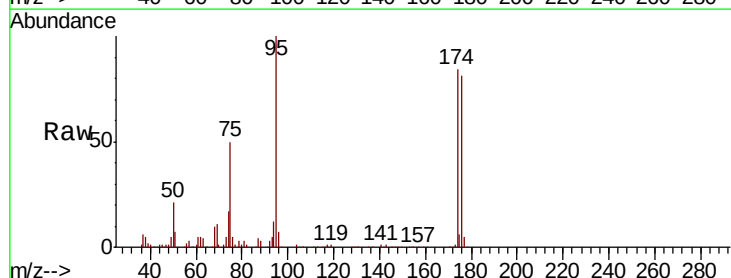
Tgt Ion: 95 Resp: 320646

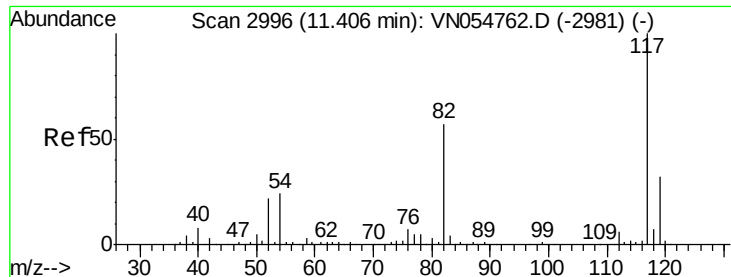
Ion Ratio Lower Upper

95 100

174 84.4 0.0 191.0

176 80.7 0.0 187.4

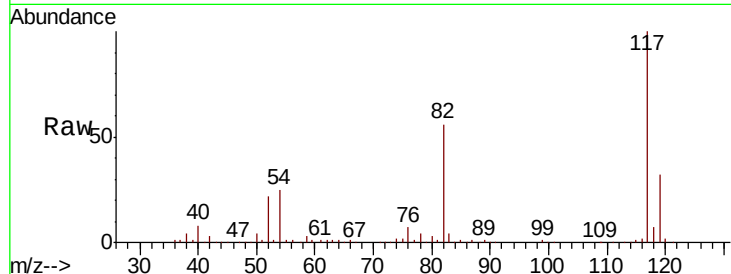




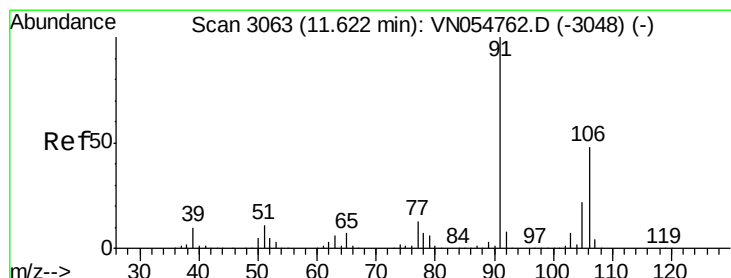
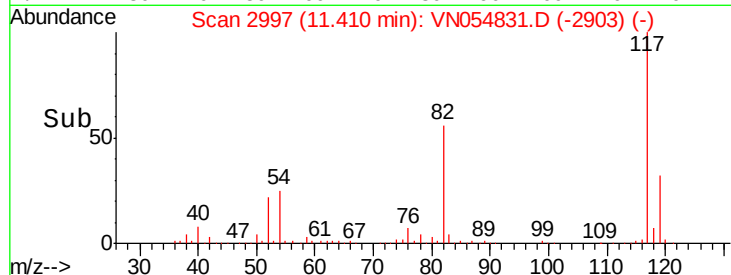
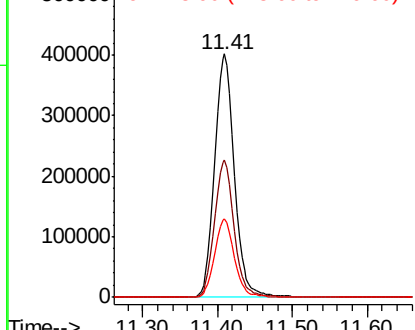
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Instrument :
MSVOA_N
ClientSampled :
SP-2

Tot Ion:117 Resp: 741191
Ion Ratio Lower Upper
117 100
82 56.2 40.0 60.0
119 32.5 25.8 38.6

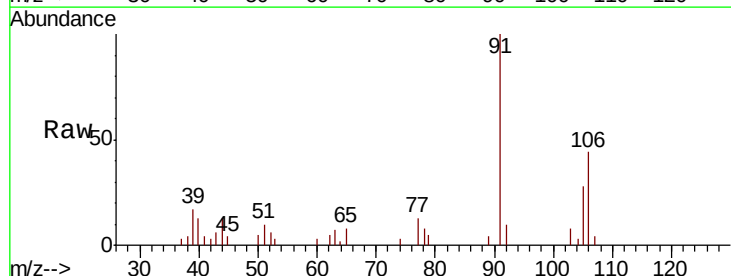


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

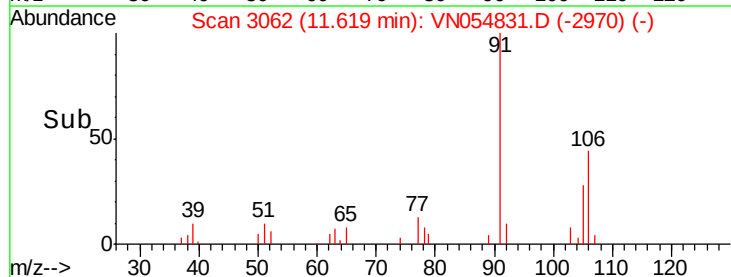
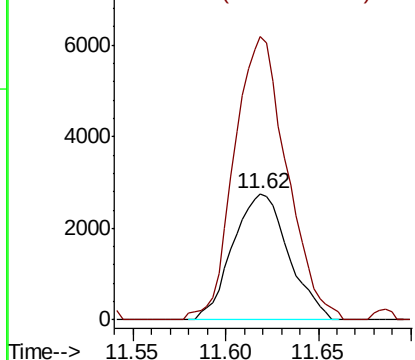


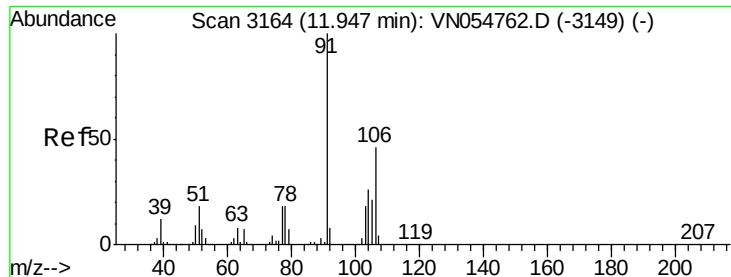
#68
m/p-Xylenes
Concen: 0.591 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Tgt Ion:106 Resp: 5732
Ion Ratio Lower Upper
106 100
91 212.5 159.4 239.2



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

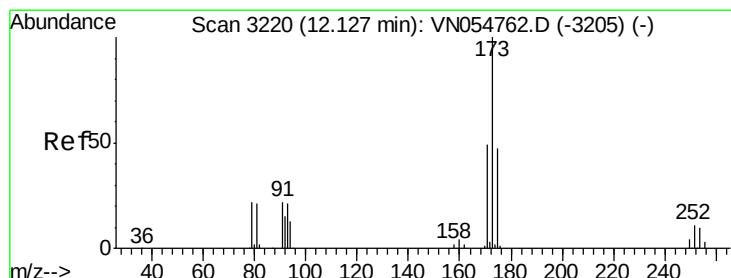
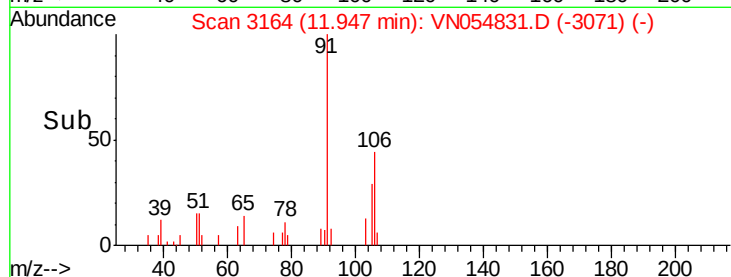
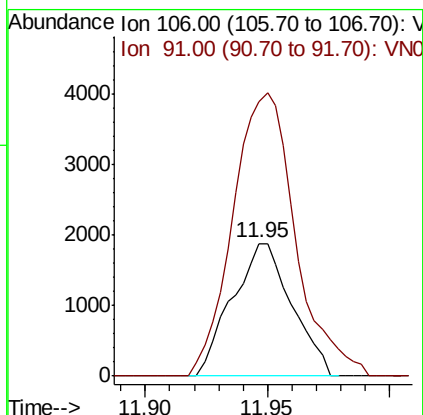
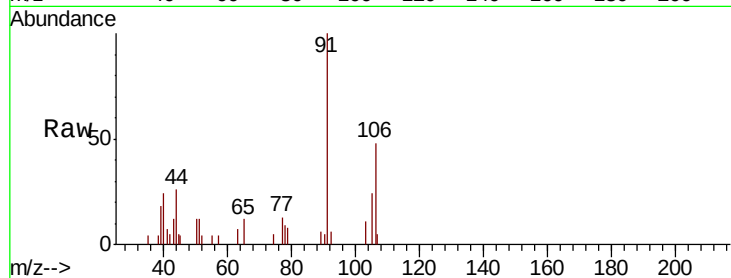




#69
o-Xylene
Concen: 0.336 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

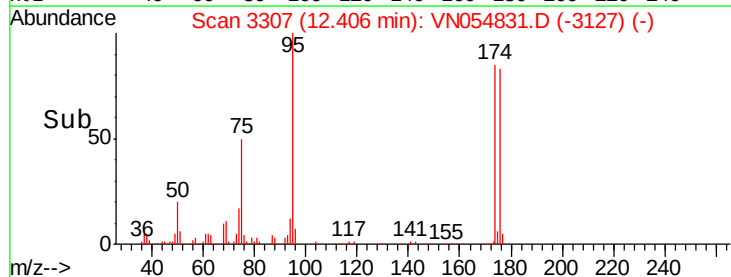
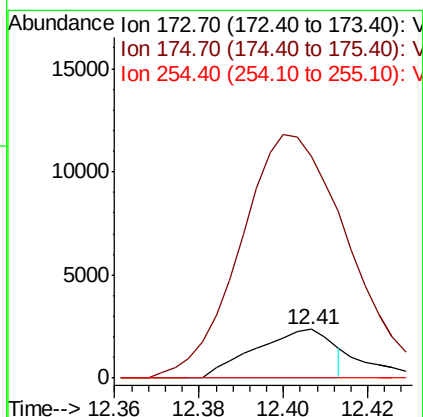
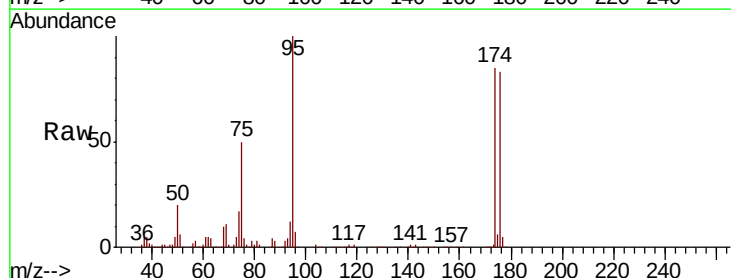
Instrument :
MSVOA_N
ClientSampled :
SP-2

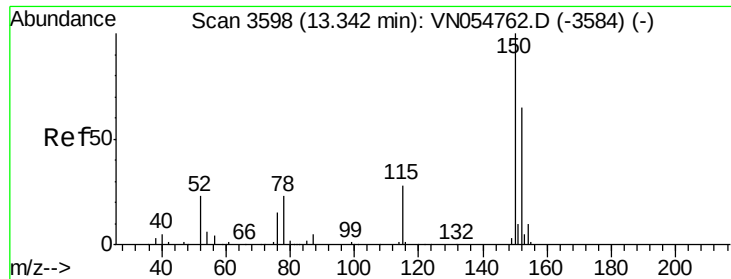
Tot Ion:106 Resp: 3192
Ion Ratio Lower Upper
106 100
91 224.9 105.7 317.1



#71
Bromoform
Concen: 0.957 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Tgt Ion:173 Resp: 3044
Ion Ratio Lower Upper
173 100
175 571.9 24.4 73.2#
254 0.0 0.1 0.1#



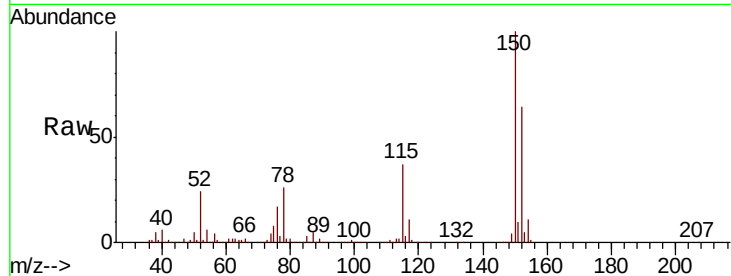


#72

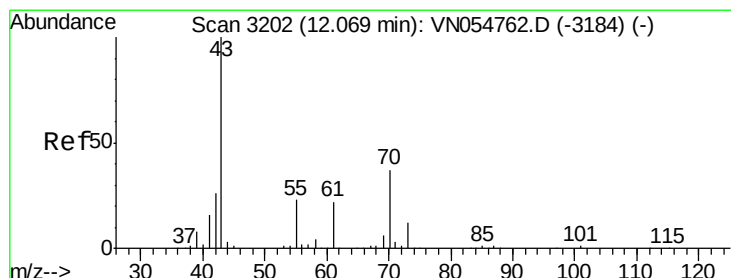
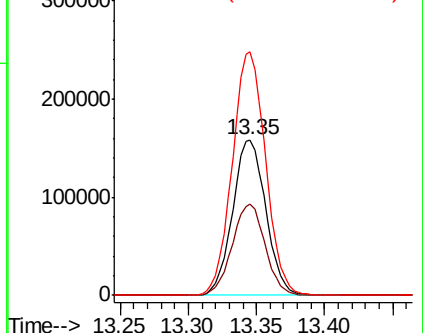
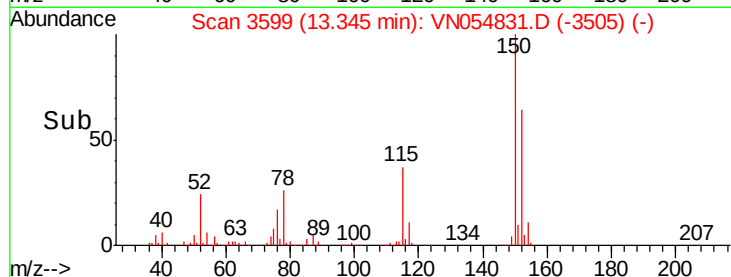
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Instrument :
MSVOA_N
ClientSampleId :
SP-2

Tot Ion:152 Resp: 266977
Ion Ratio Lower Upper
152 100
115 58.3 27.2 81.6
150 157.1 0.0 349.2



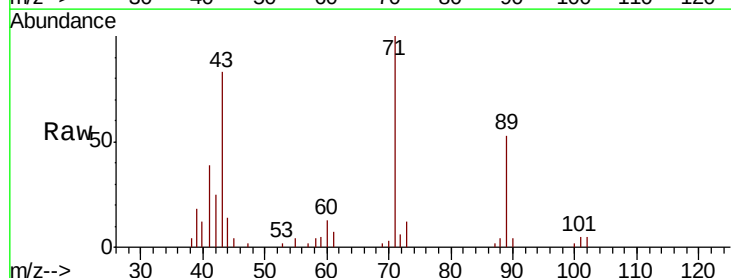
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



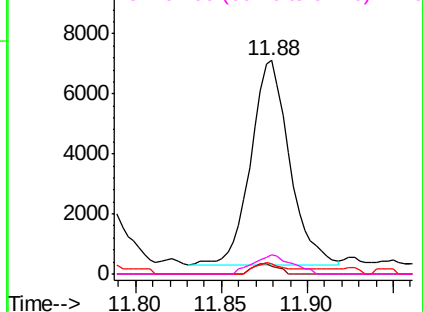
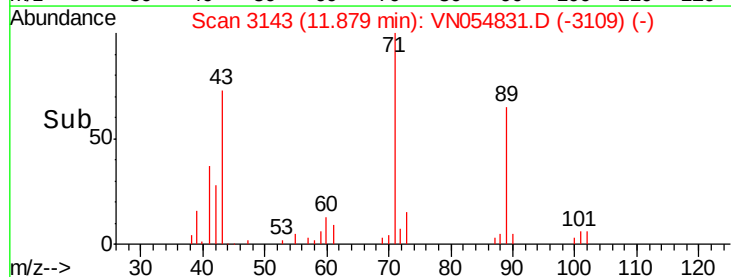
#74

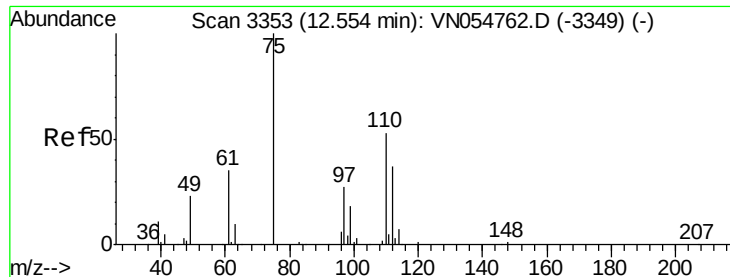
N-ethyl acetate
Concen: 1.577 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054831.D
Acq: 31 Mar 2019 4:50

Tgt Ion: 43 Resp: 10720
Ion Ratio Lower Upper
43 100
70 3.1 35.4 53.0#
55 5.6 19.8 29.6#
61 9.2 19.8 29.6#



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: 35.500 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

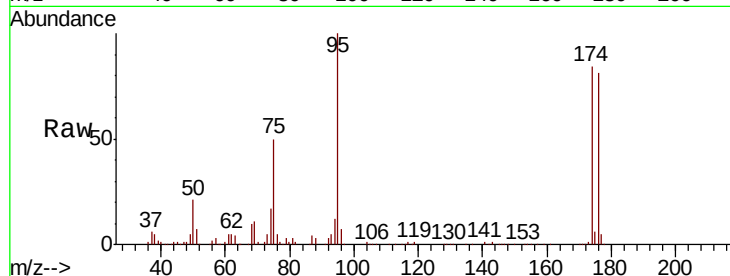
SP-2

Tot Ion: 75 Resp: 164651

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

100000

80000

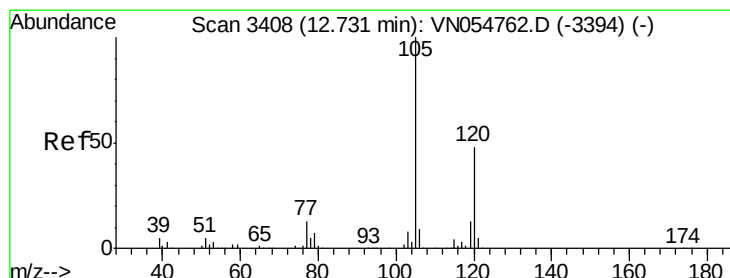
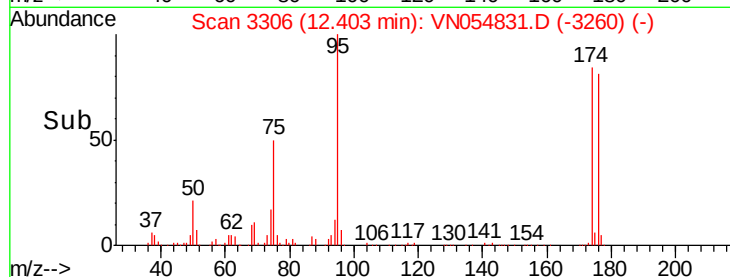
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.342 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054831.D

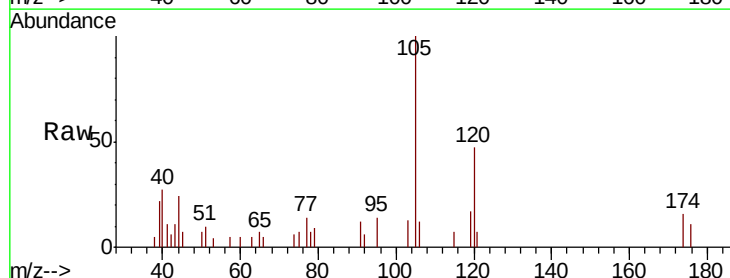
Acq: 31 Mar 2019 4:50

Tgt Ion: 105 Resp: 6129

Ion Ratio Lower Upper

105 100

120 51.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

4000

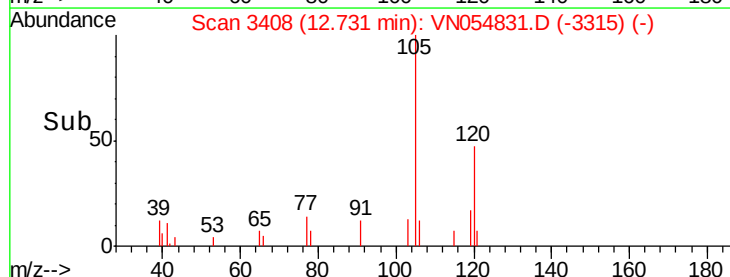
3000

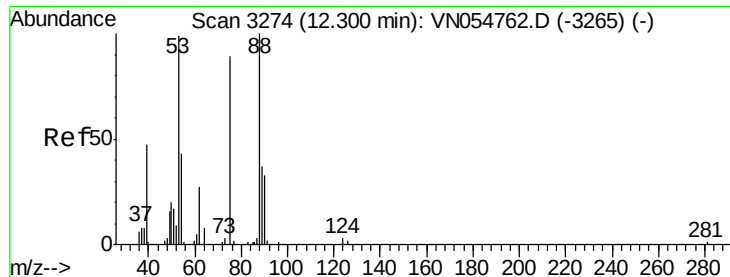
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 138.087 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

SP-2

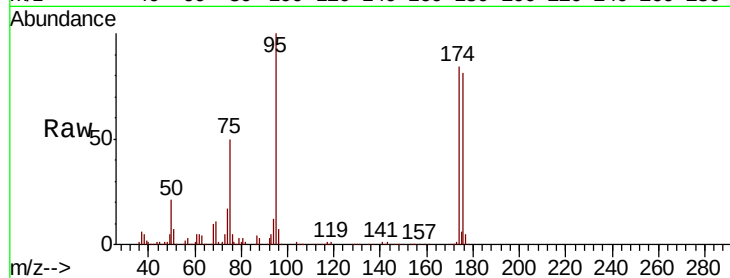
Tot Ion: 75 Resp: 164651

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

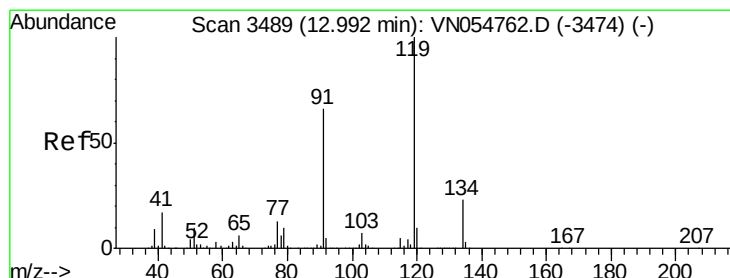
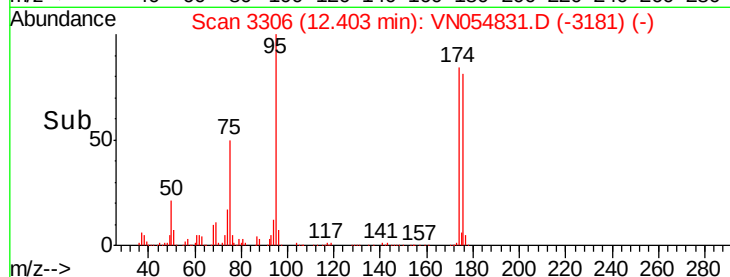
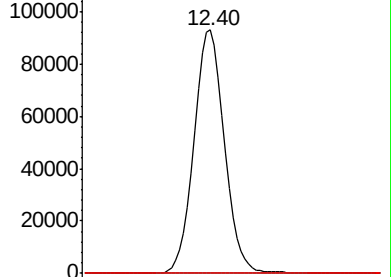
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054831.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054831.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054831.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

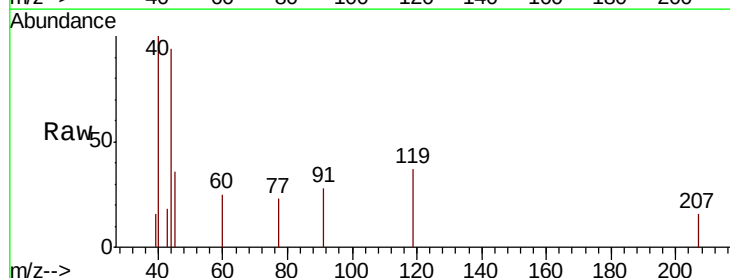
Tgt Ion: 119 Resp: 435

Ion Ratio Lower Upper

119 100

91 51.5 30.9 92.8

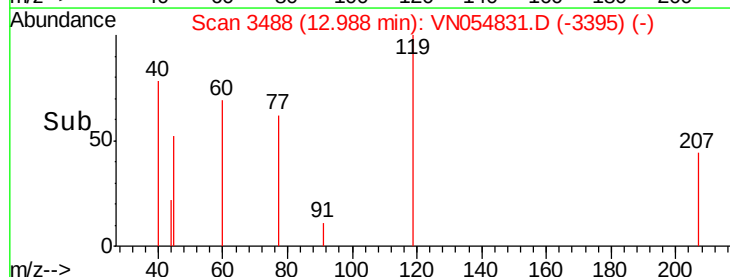
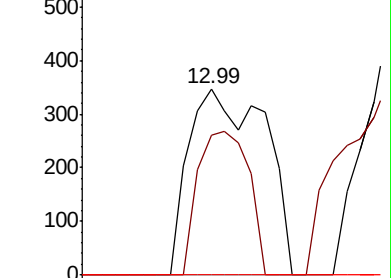
134 0.0 13.2 39.6#

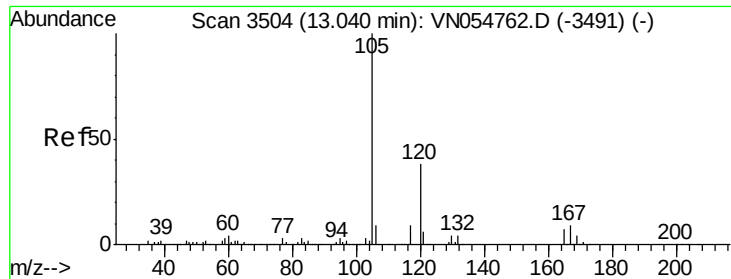


Abundance Ion 119.00 (118.70 to 119.70): VN054831.D (-3395) (-)

Ion 91.00 (90.70 to 91.70): VN054831.D (-3395) (-)

Ion 134.00 (133.70 to 134.70): VN054831.D (-3395) (-)





#84

1,2,4-Trimethylbenzene

Concen: 0.623 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

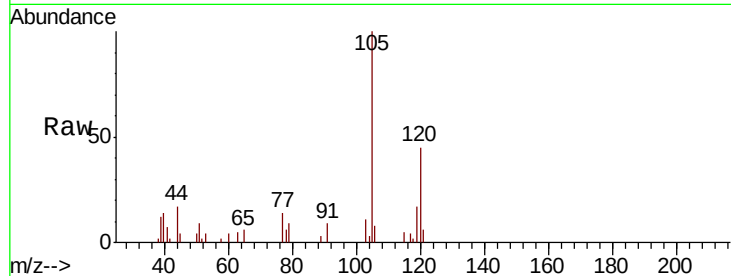
SP-2

Tot Ion:105 Resp: 10627

Ion Ratio Lower Upper

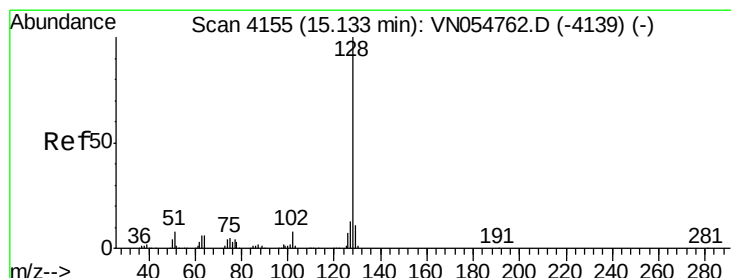
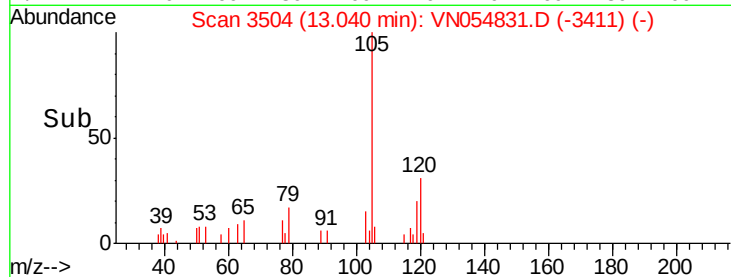
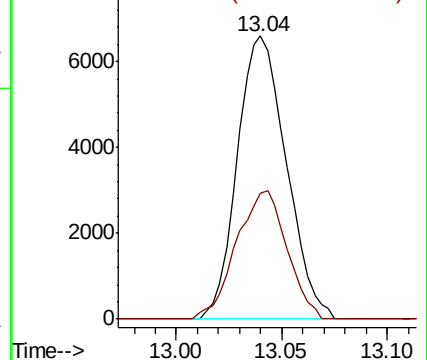
105 100

120 46.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.698 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

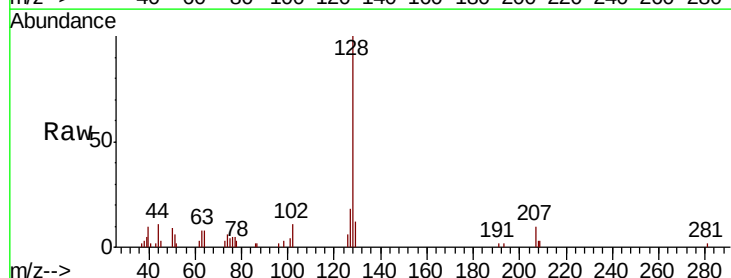
Tgt Ion:128 Resp: 16343

Ion Ratio Lower Upper

128 100

127 16.6 10.1 15.1#

129 11.3 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

