

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058499.D
 Acq On : 3 Oct 2019 00:47
 Operator : JC/SP
 Sample : K5131-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190834-COMPOSITE-J

Quant Time: Oct 03 05:17:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	364458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	607346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	527565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	270755	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	7.58	113	190550	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
50) Toluene-d8	10.08	98	772422	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.41	95	240879	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1416	0.322	ug/l #	84
11) Tert butyl alcohol	4.76	59	187	0.316	ug/l #	71
14) Allyl chloride	4.52	41	2076467	331.873	ug/l #	21
16) Acetone	3.80	43	102145	56.261	ug/l	99
17) Carbon Disulfide	4.04	76	3152	0.348	ug/l #	86
18) Methyl Acetate	4.31	43	18836	4.125	ug/l	100
20) Methylene Chloride	4.52	84	16162410	3857.516	ug/l #	61
21) trans-1,2-Dichloroethene	5.03	96	1249	0.327	ug/l #	95
25) 2-Butanone	6.83	43	22915	9.193	ug/l	96
29) Tetrahydrofuran	7.21	42	573	0.362	ug/l #	34
30) Chloroform	7.36	83	2812	0.366	ug/l	91
31) Cyclohexane	7.65	56	9737	1.321	ug/l #	12
36) 1,1-Dichloropropene	7.65	75	32403	5.580	ug/l #	51
37) Ethyl Acetate	6.83	43	22915	4.654	ug/l #	70
38) Carbon Tetrachloride	7.65	117	38136	7.275	ug/l #	16
43) Isopropyl Acetate	8.15	43	75057	8.106	ug/l	99
45) 1,2-Dichloropropane	9.26	63	1018	0.227	ug/l #	43
48) Methyl methacrylate	9.17	41	5295	1.256	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	6564	1.380	ug/l	96
52) Toluene	10.15	92	3558	0.339	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	31086	4.790	ug/l #	69
56) Ethyl methacrylate	10.54	69	1707	0.294	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	3716	0.545	ug/l #	43
59) 2-Hexanone	10.76	43	53082	15.328	ug/l #	55
60) Dibromochloromethane	10.63	129	972	Below Cal	#	11
64) Tetrachloroethene	10.63	164	937	0.280	ug/l #	77
67) Ethyl Benzene	11.51	91	3975	0.209	ug/l	92
68) m/p-Xylenes	11.62	106	9066	1.269	ug/l	88
69) o-Xylene	11.96	106	3469	0.504	ug/l	85
71) Bromoform	12.40	173	240	0.792	ug/l #	1
74) N-amyl acetate	12.04	43	3876	0.667	ug/l #	49
76) 1,2,3-Trichloropropane	12.41	75	135612	37.551	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	6546	0.535	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.41	75	135612	114.048	ug/l #	7

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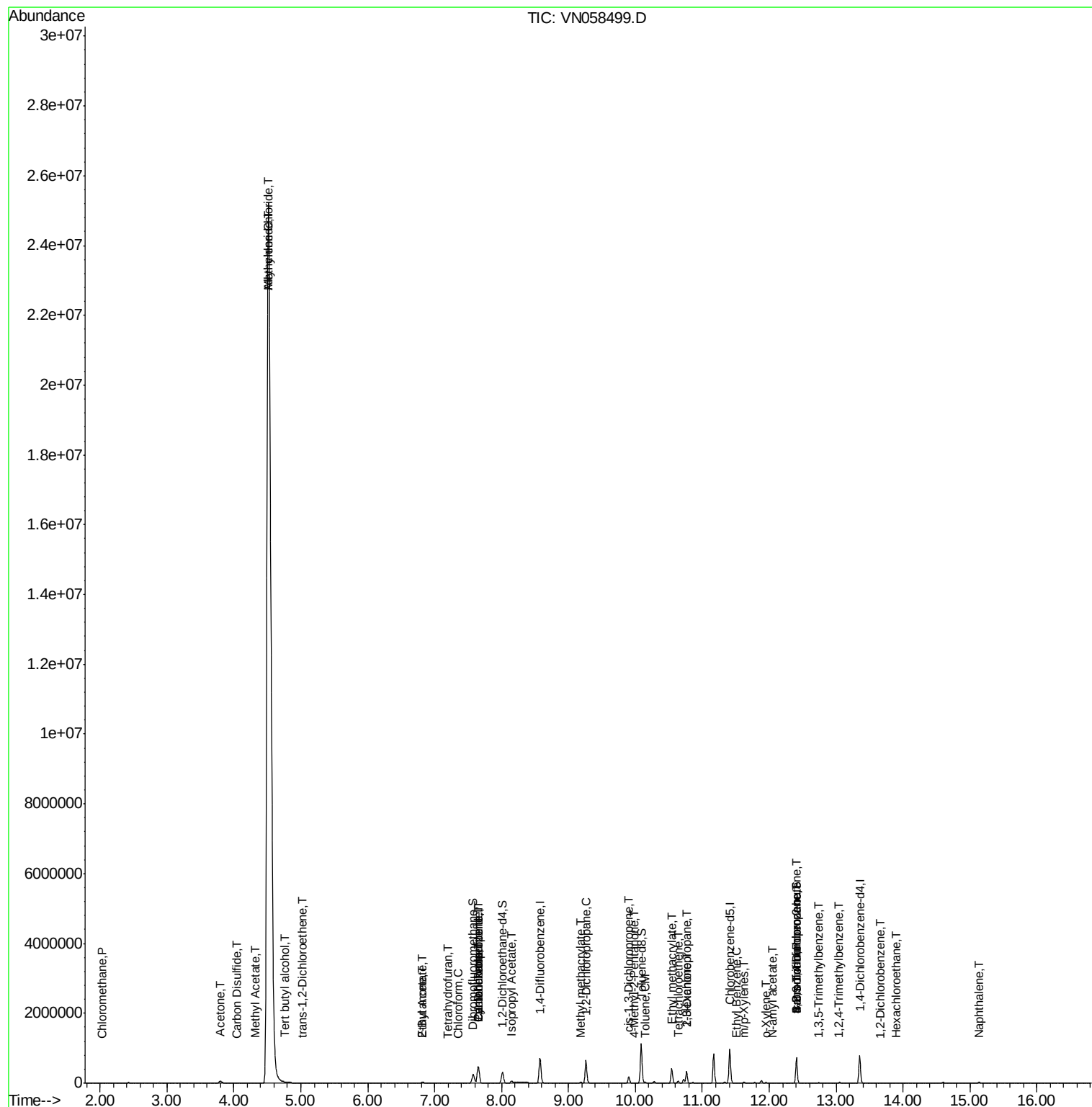
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.05	105	12947	1.056	ug/l	99
90) Hexachloroethane	13.90	117	513	0.286	ug/l #	11
91) 1,2-Dichlorobenzene	13.67	146	1363	0.228	ug/l	90
95) Naphthalene	15.14	128	16857	1.717	ug/l	98

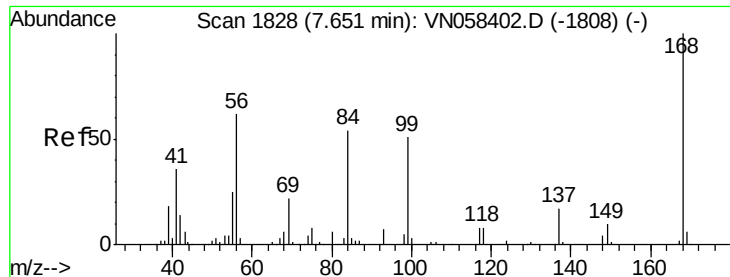
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

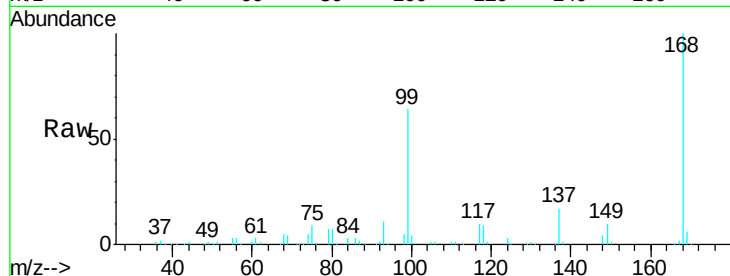
20190834-COMPOSITE-J

Tgt Ion:168 Resp: 364458

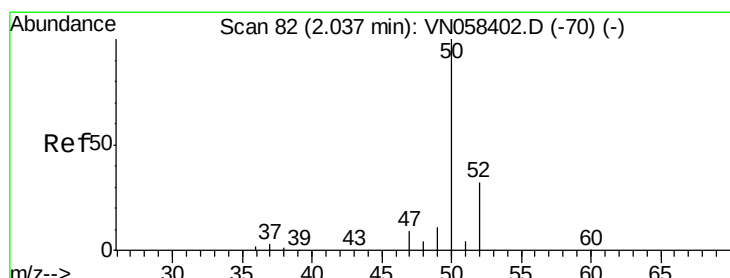
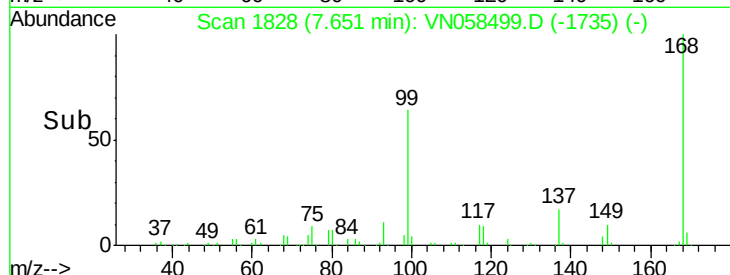
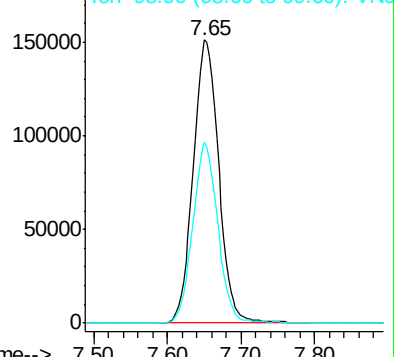
Ion Ratio Lower Upper

168 100

99 63.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1808) (-)



#3

Chloromethane

Concen: 0.322 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058499.D

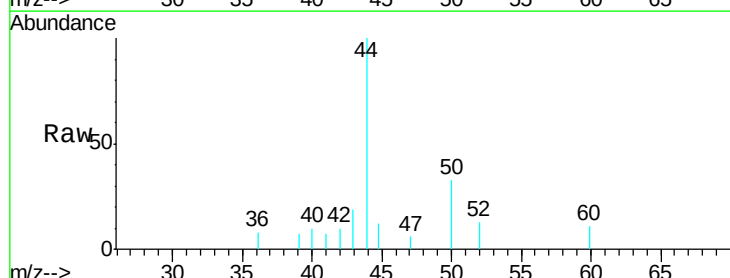
Acq: 3 Oct 2019 00:47

Tgt Ion: 50 Resp: 1416

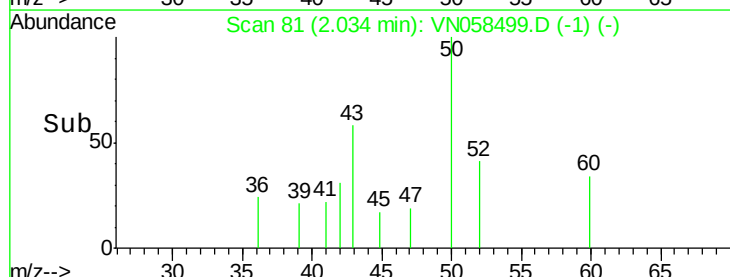
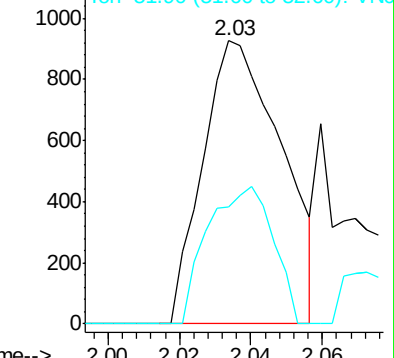
Ion Ratio Lower Upper

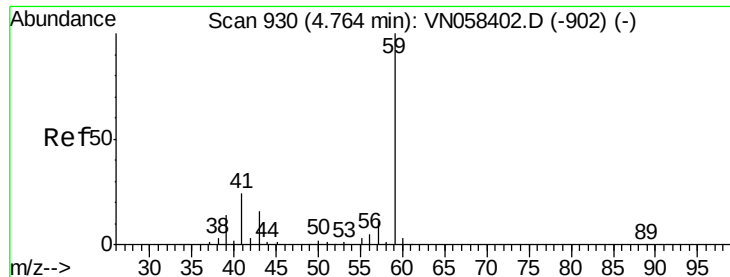
50 100

52 41.2 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN058402.D (-70) (-)



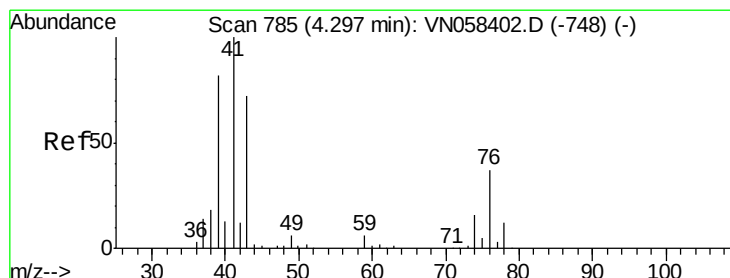
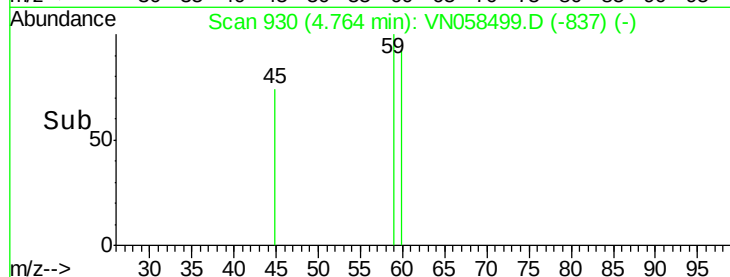
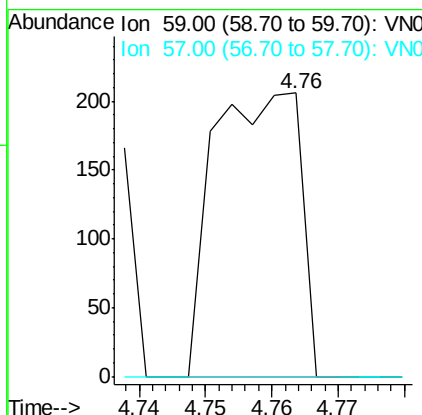
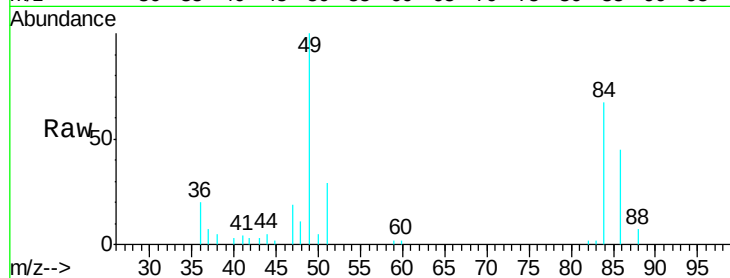


#11

Tert butyl alcohol
 Concen: 0.316 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN058499.D
 Acq: 3 Oct 2019 00:47

Instrument :
 MSVOA_N
 ClientSampleId :
 20190834-COMPOSITE-J

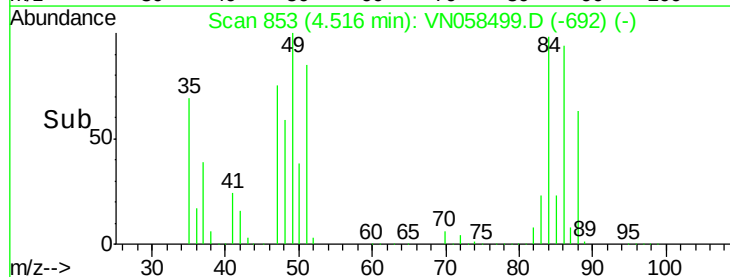
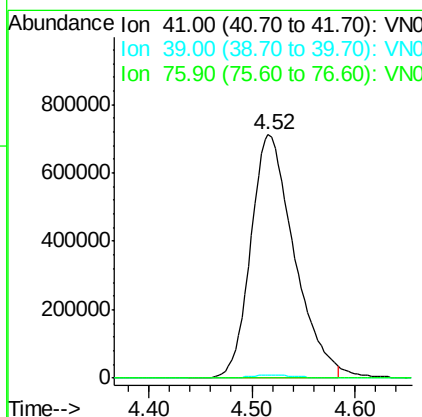
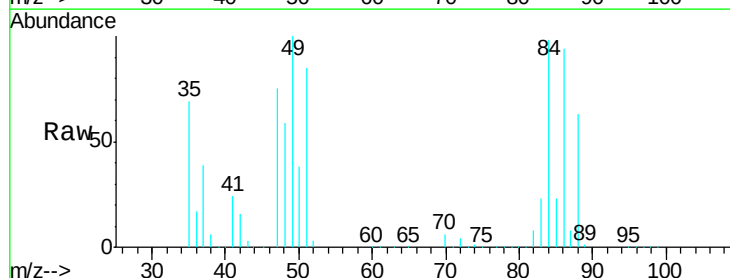
Tgt Ion: 59 Resp: 187
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

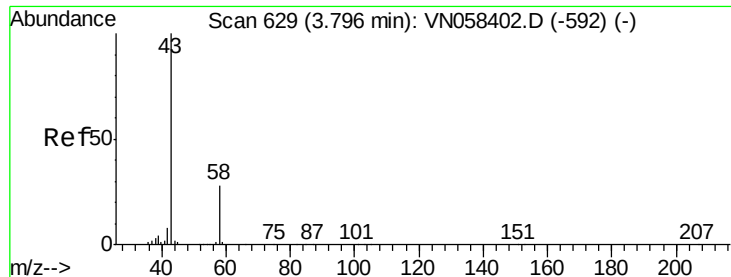


#14

Allyl chloride
 Concen: 331.873 ug/l
 RT: 4.52 min Scan# 853
 Delta R.T. 0.22 min
 Lab File: VN058499.D
 Acq: 3 Oct 2019 00:47

Tgt Ion: 41 Resp: 2076467
 Ion Ratio Lower Upper
 41 100
 39 1.3 62.3 93.5#
 76 0.0 26.9 40.3#





#16

Acetone

Concen: 56.261 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

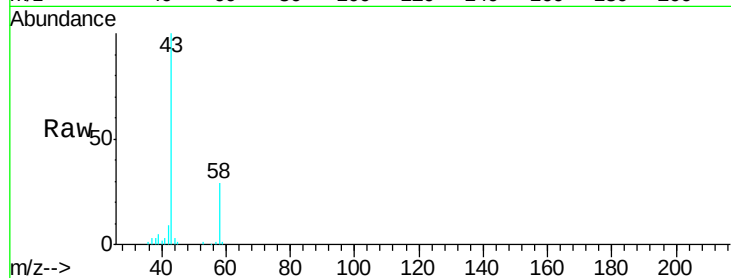
20190834-COMPOSITE-J

Tgt Ion: 43 Resp: 102145

Ion Ratio Lower Upper

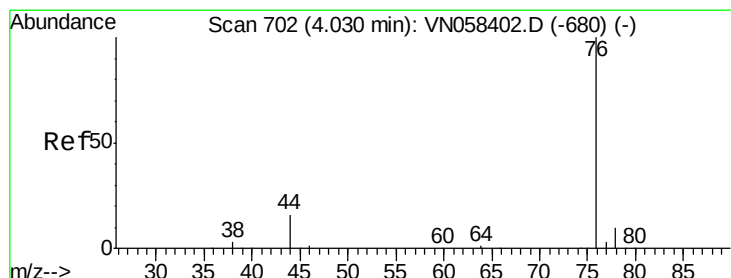
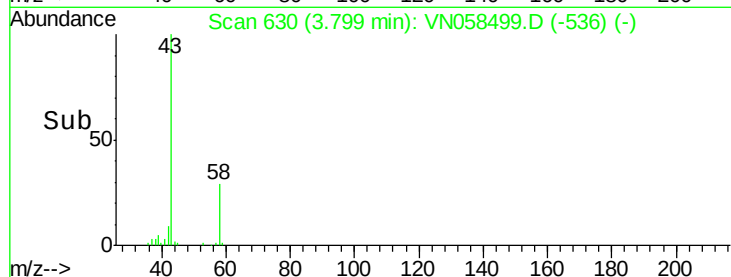
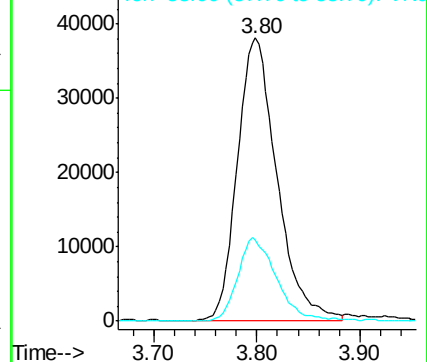
43 100

58 28.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.348 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN058499.D

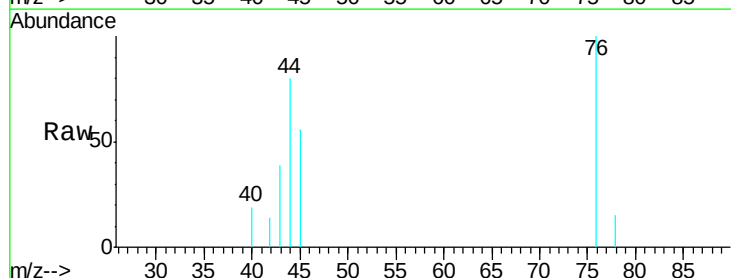
Acq: 3 Oct 2019 00:47

Tgt Ion: 76 Resp: 3152

Ion Ratio Lower Upper

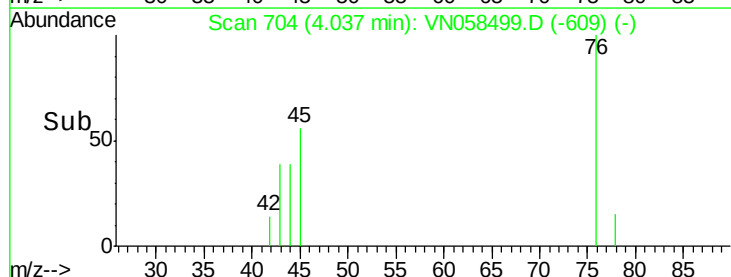
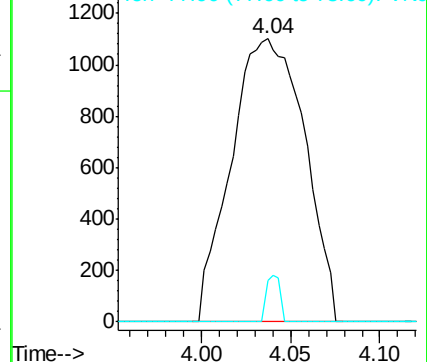
76 100

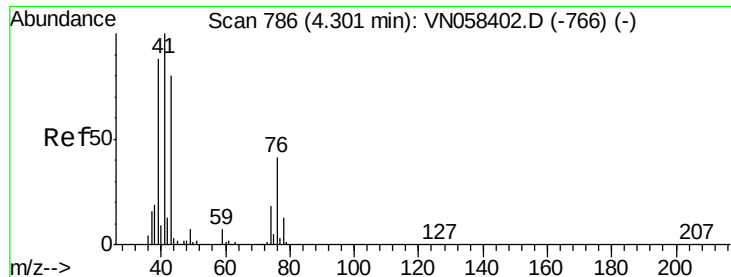
78 14.8 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

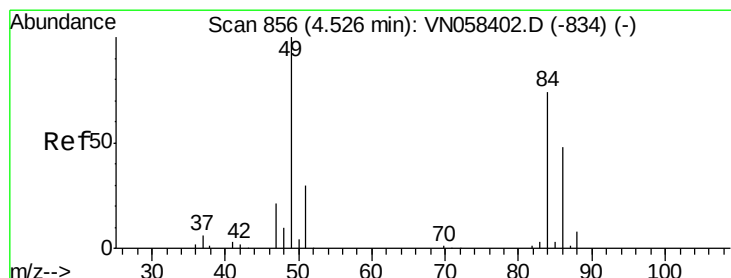
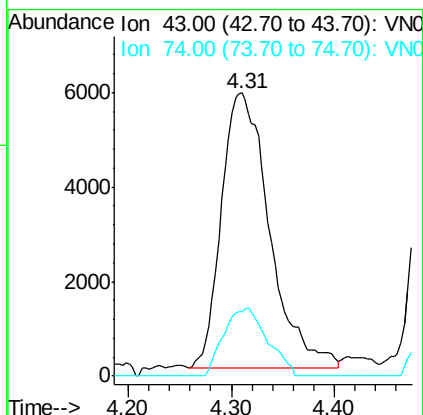
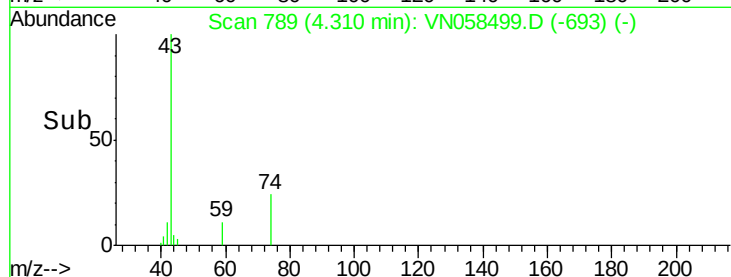
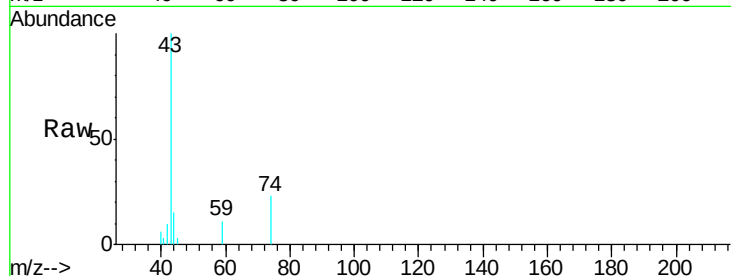




#18
Methyl Acetate
Concen: 4.125 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

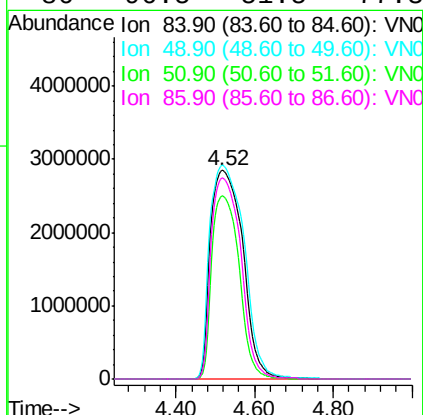
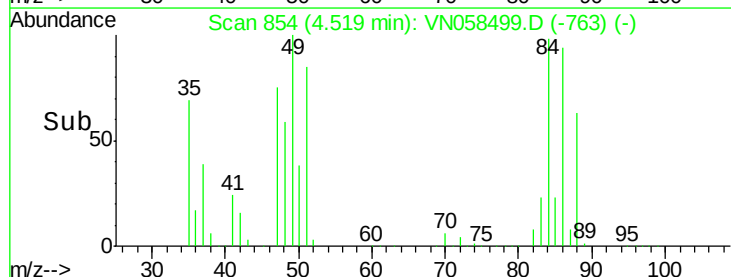
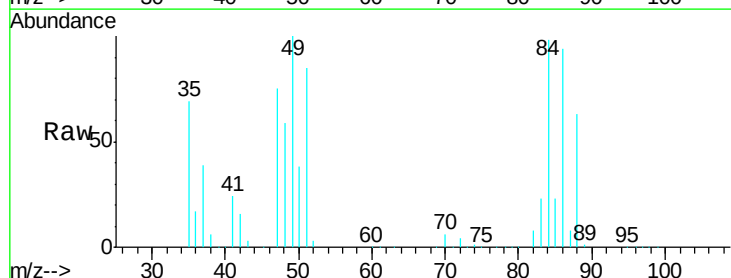
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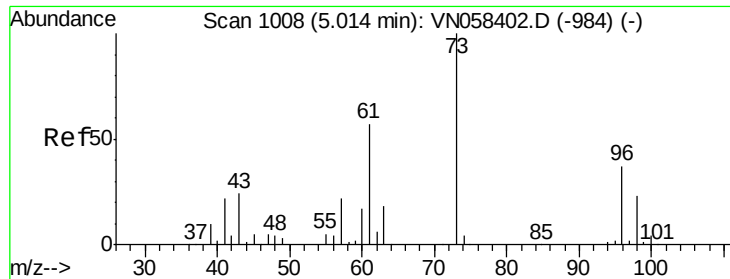
Tgt Ion: 43 Resp: 18836
Ion Ratio Lower Upper
43 100
74 22.4 18.0 27.0



#20
Methylene Chloride
Concen: 3857.516 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Tgt Ion: 84 Resp:16162410
Ion Ratio Lower Upper
84 100
49 102.4 107.9 161.9#
51 87.5 32.8 49.2#
86 96.5 51.5 77.3#





#21

trans-1,2-Dichloroethene

Concen: 0.327 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

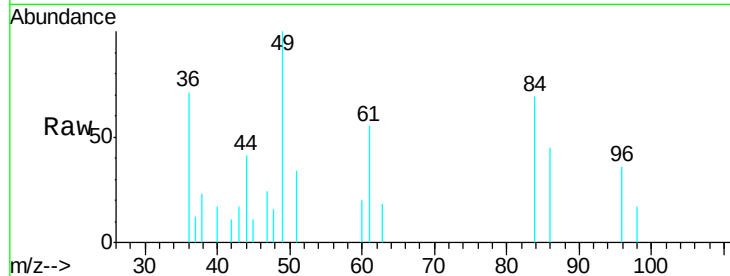
Tgt Ion: 96 Resp: 1249

Ion Ratio Lower Upper

96 100

61 152.6 121.9 182.9

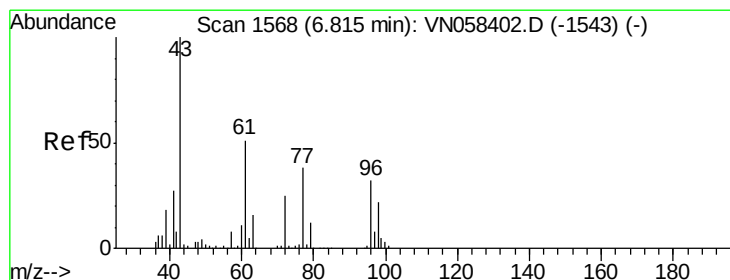
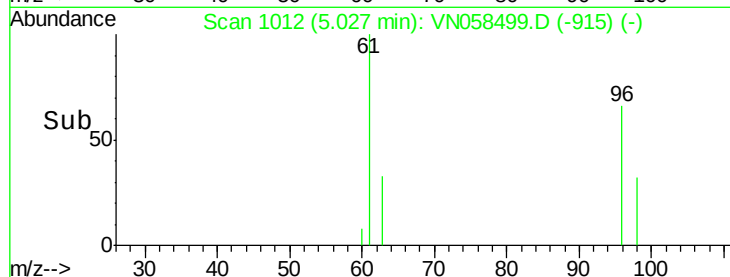
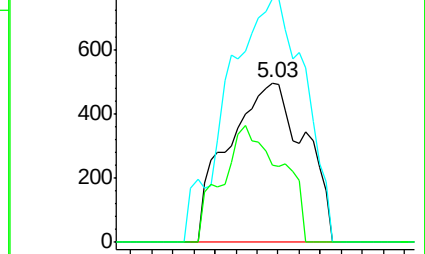
98 48.6 49.3 73.9#



Abundance Ion 95.90 (95.60 to 96.60): VN058402.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VN058402.D (-984) (-)

Ion 97.90 (97.60 to 98.60): VN058402.D (-984) (-)



#25

2-Butanone

Concen: 9.193 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN058499.D

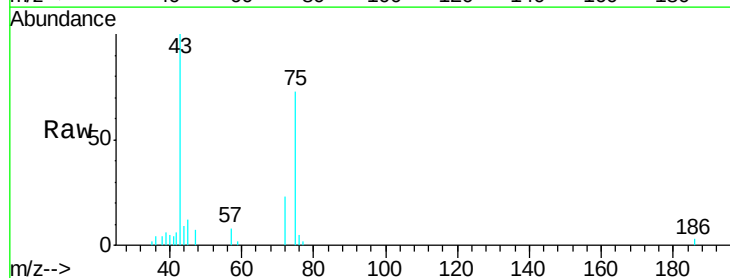
Acq: 3 Oct 2019 00:47

Tgt Ion: 43 Resp: 22915

Ion Ratio Lower Upper

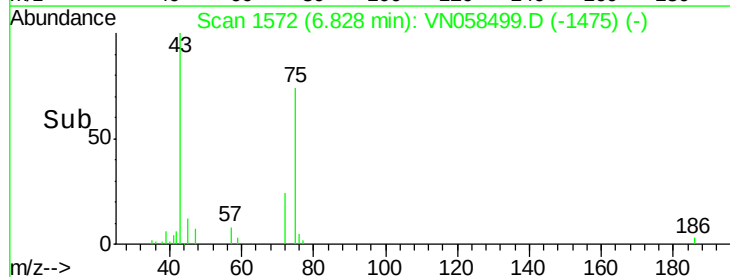
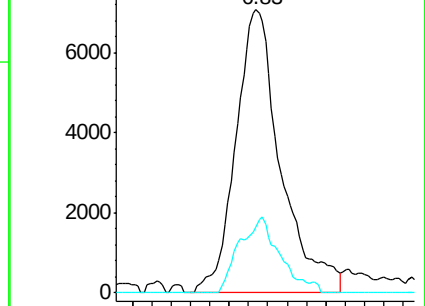
43 100

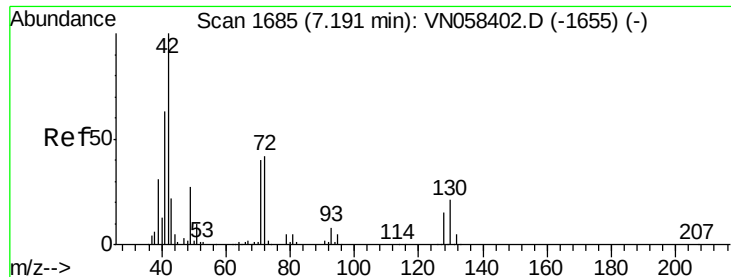
72 23.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1543) (-)

Ion 72.00 (71.70 to 72.70): VN058402.D (-1543) (-)

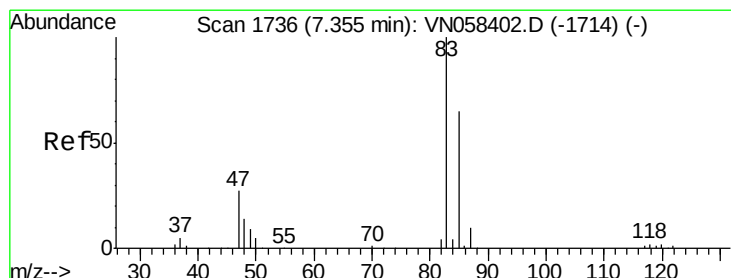
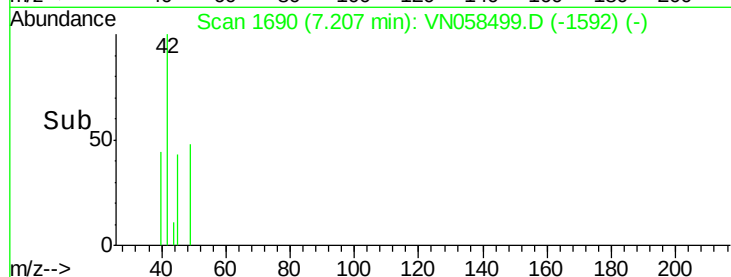
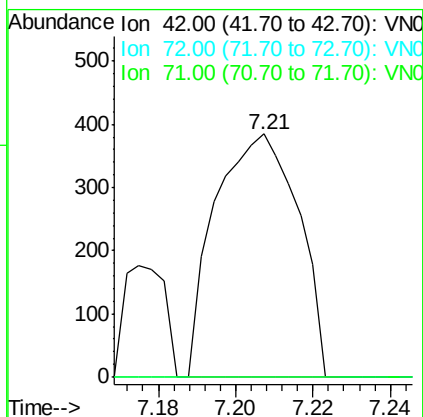
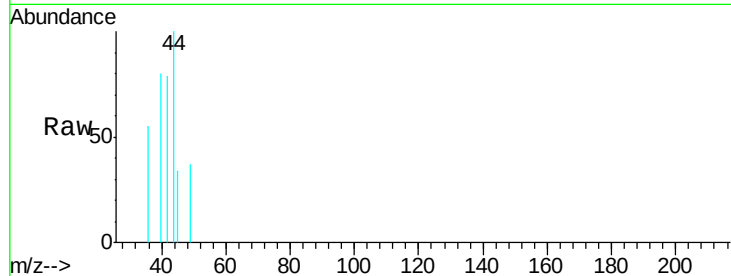




#29
Tetrahydrofuran
Concen: 0.362 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.02 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

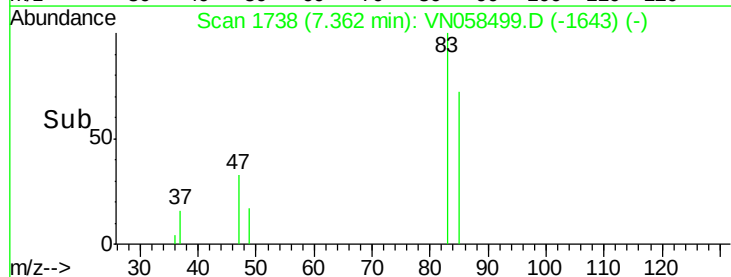
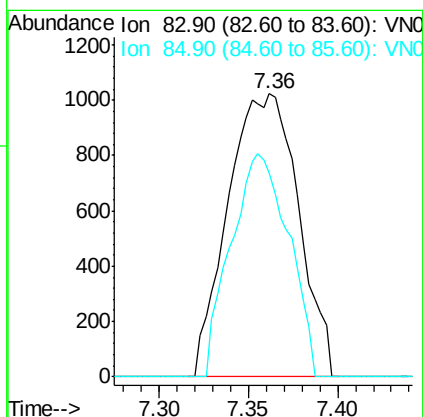
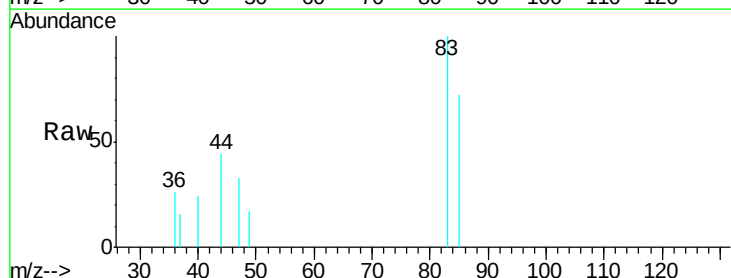
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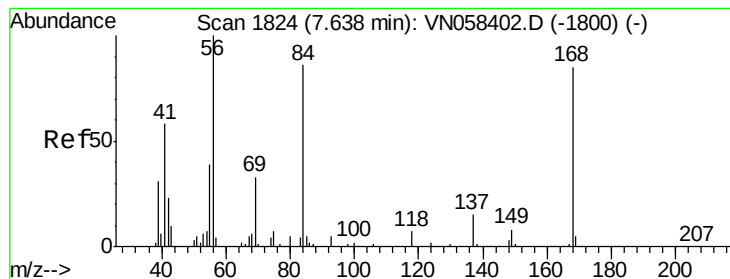
Tgt Ion: 42 Resp: 573
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 31.8 47.6#



#30
Chloroform
Concen: 0.366 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Tgt Ion: 83 Resp: 2812
Ion Ratio Lower Upper
83 100
85 72.1 52.0 78.0





#31

Cyclohexane

Concen: 1.321 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

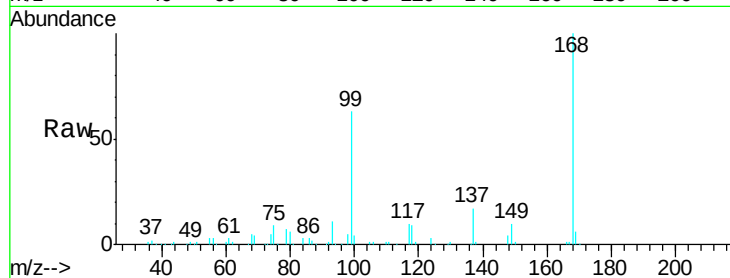
Tgt Ion: 56 Resp: 9737

Ion Ratio Lower Upper

56 100

69 150.8 26.2 39.4#

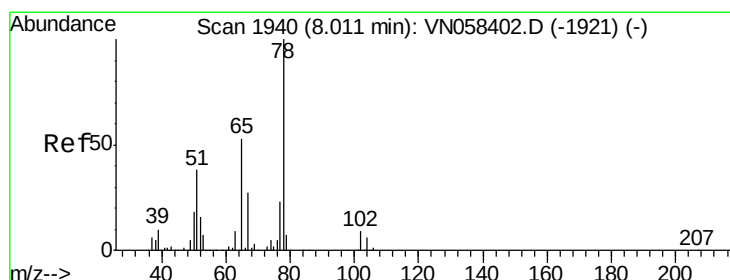
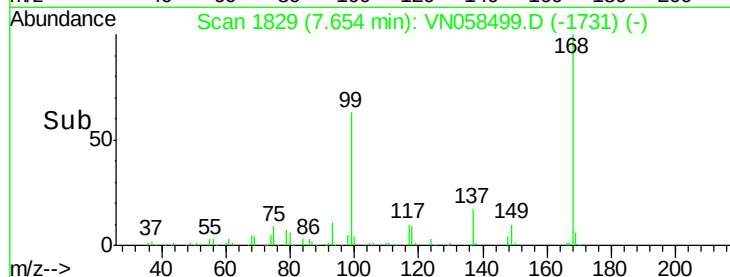
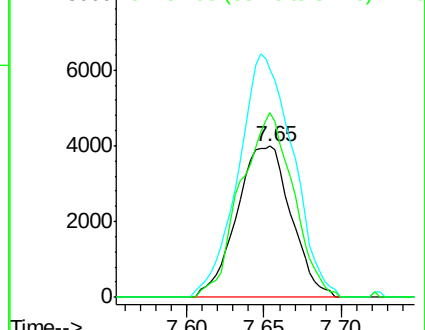
84 122.0 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 50.837 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058499.D

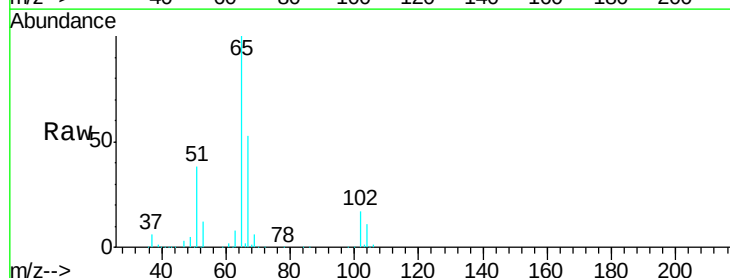
Acq: 3 Oct 2019 00:47

Tgt Ion: 65 Resp: 270755

Ion Ratio Lower Upper

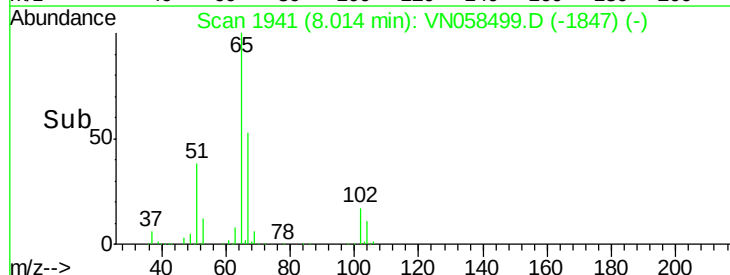
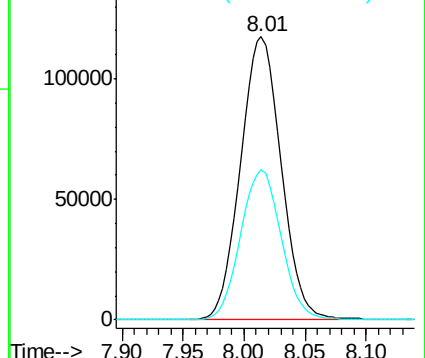
65 100

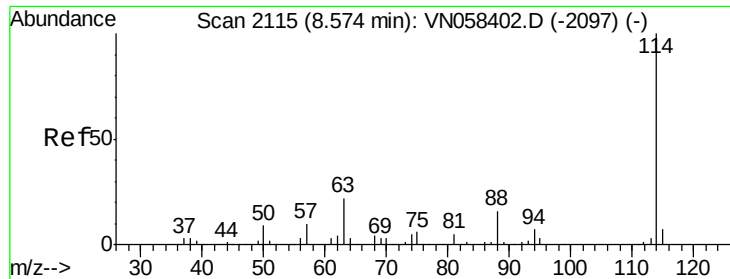
67 53.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

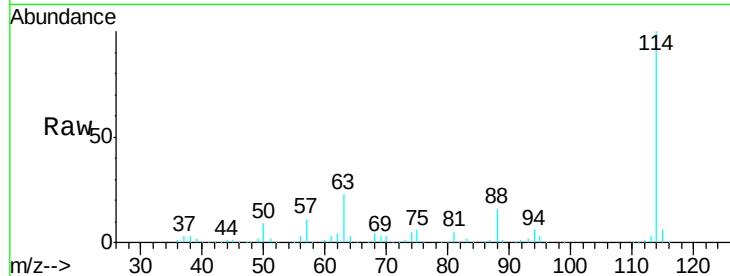
Tgt Ion:114 Resp: 607346

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

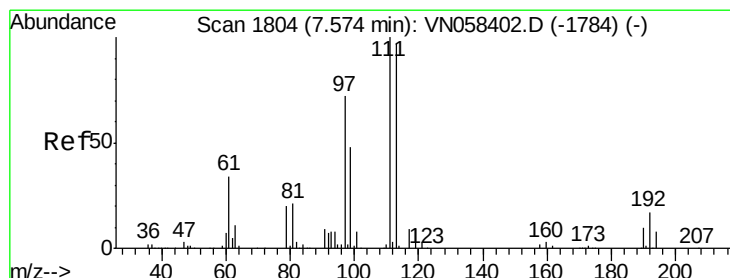
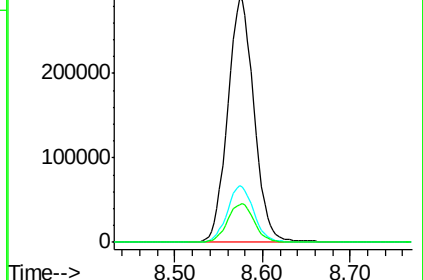
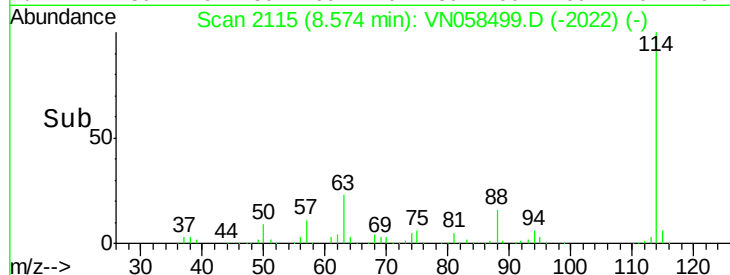
88 15.6 0.0 32.2



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: 51.191 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

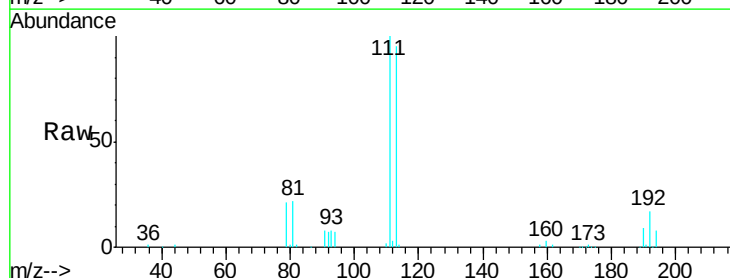
Tgt Ion:113 Resp: 190550

Ion Ratio Lower Upper

113 100

111 105.2 83.4 125.2

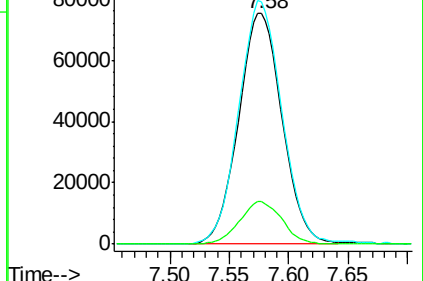
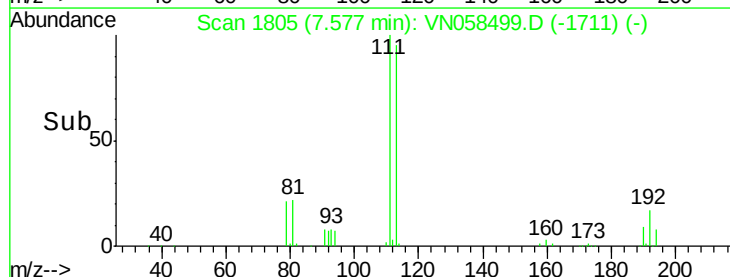
192 18.0 14.9 22.3

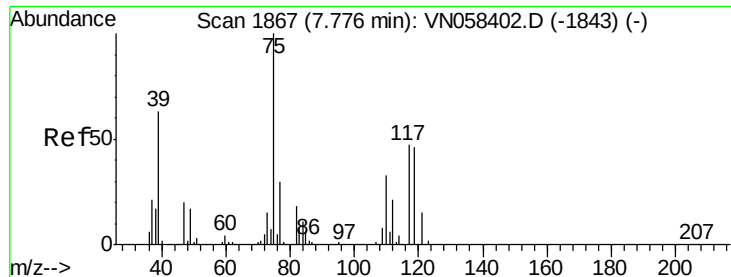


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

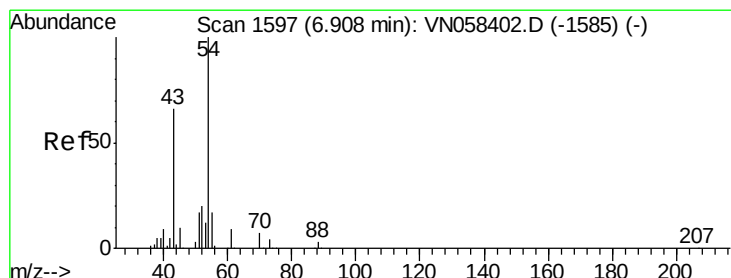
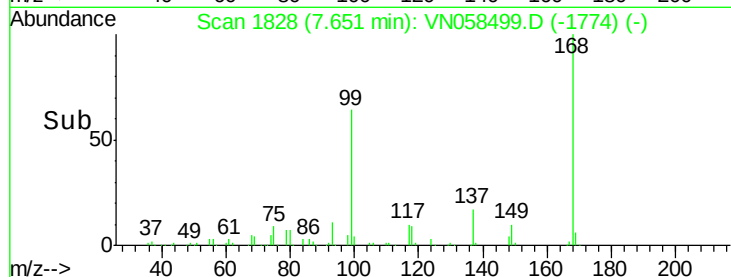
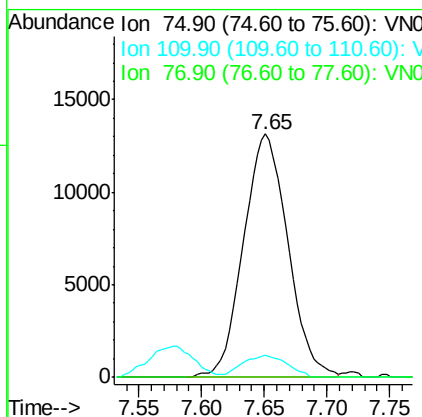
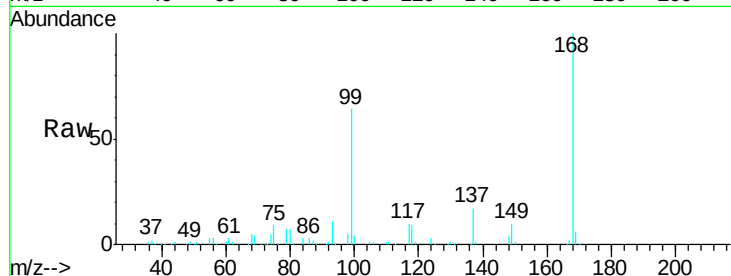




#36
 1,1-Dichloropropene
 Concen: 5.580 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058499.D
 Acq: 3 Oct 2019 00:47

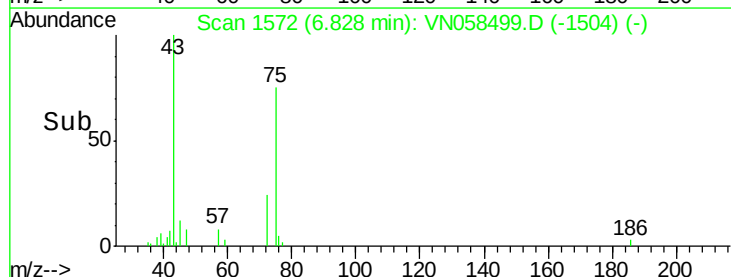
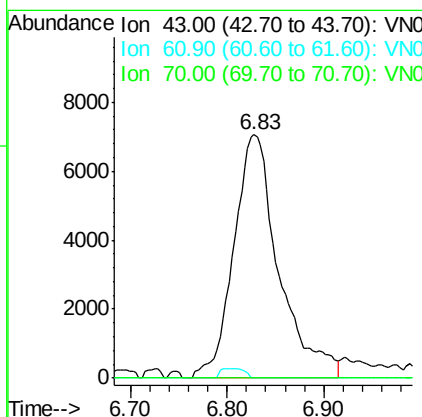
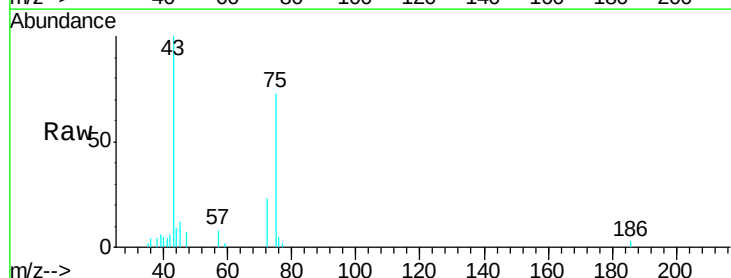
Instrument :
 MSVOA_N
 ClientSampleId :
 20190834-COMPOSITE-J

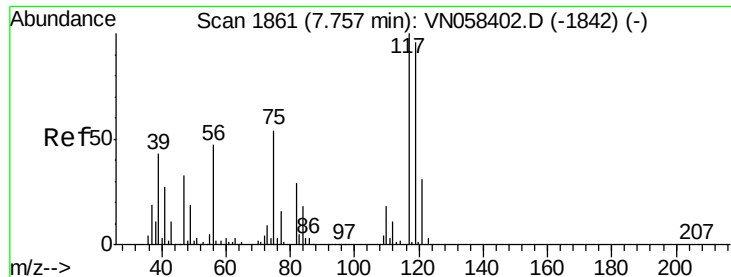
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.4	49.2#
77	0.0	24.3	36.5#



#37
 Ethyl Acetate
 Concen: 4.654 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.08 min
 Lab File: VN058499.D
 Acq: 3 Oct 2019 00:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.0	7.8	11.6#





#38

Carbon Tetrachloride

Concen: 7.275 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

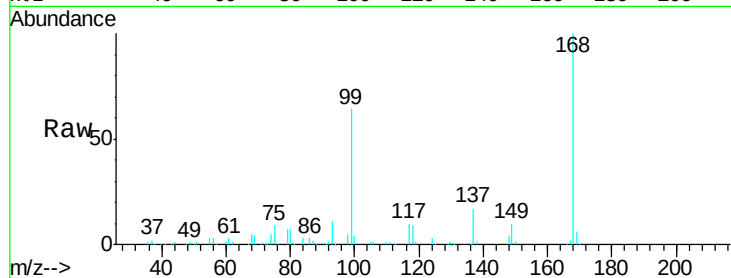
Tgt Ion:117 Resp: 38136

Ion Ratio Lower Upper

117 100

119 5.0 76.6 115.0#

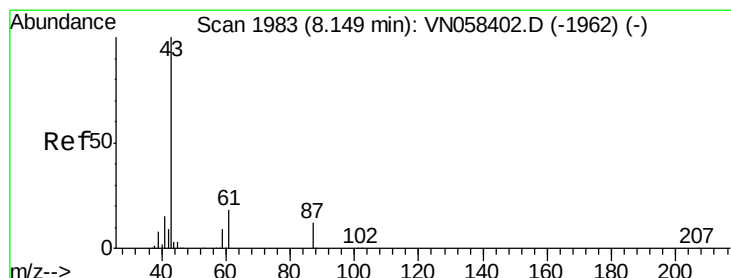
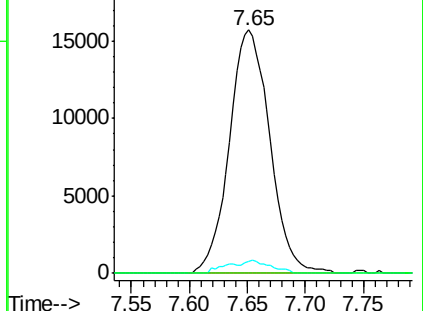
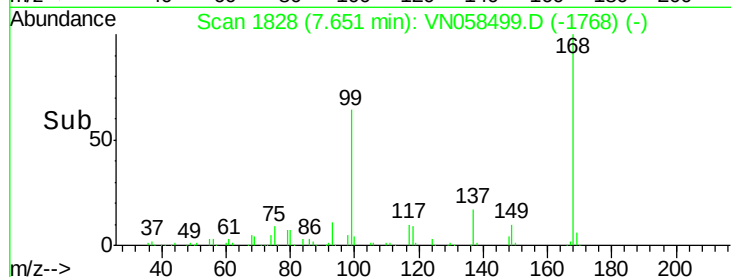
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 8.106 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

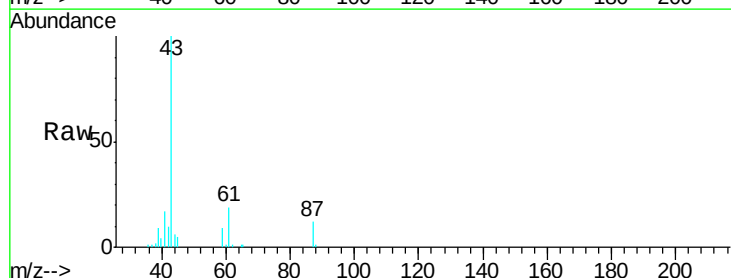
Tgt Ion: 43 Resp: 75057

Ion Ratio Lower Upper

43 100

61 18.6 14.8 22.2

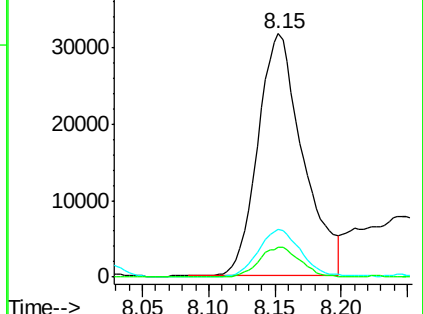
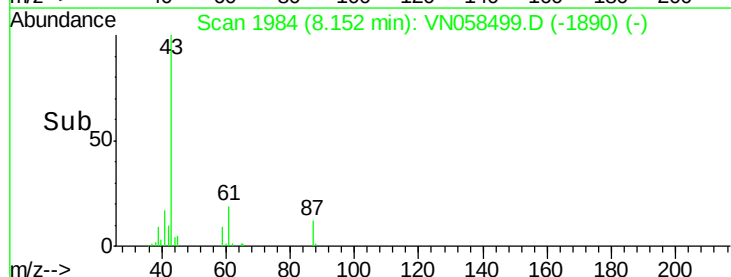
87 11.2 9.7 14.5

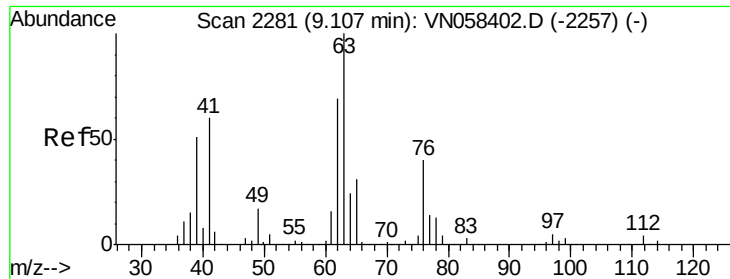


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

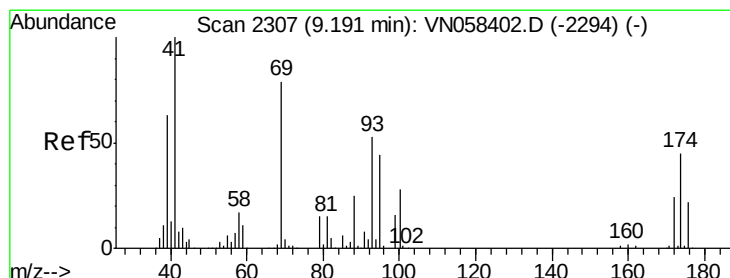
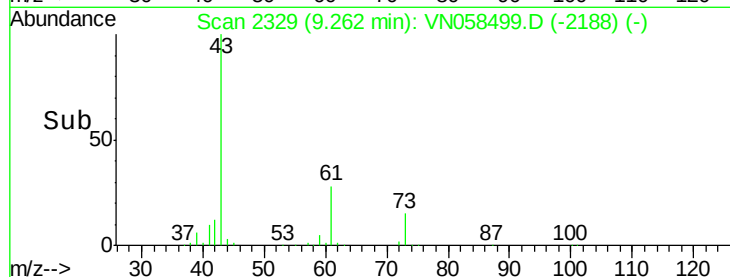
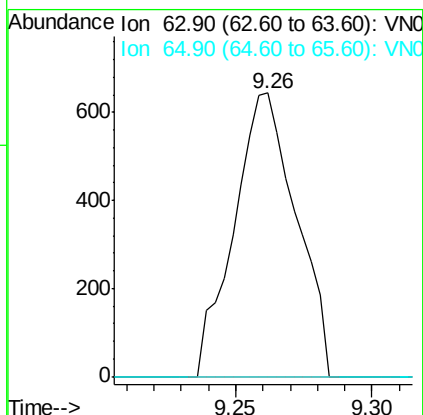
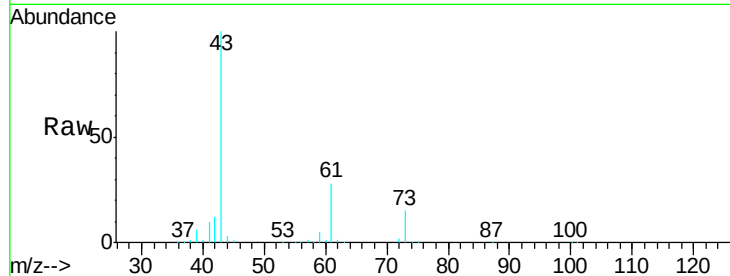




#45
 1,2-Dichloropropane
 Concen: 0.227 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN058499.D
 Acq: 3 Oct 2019 00:47

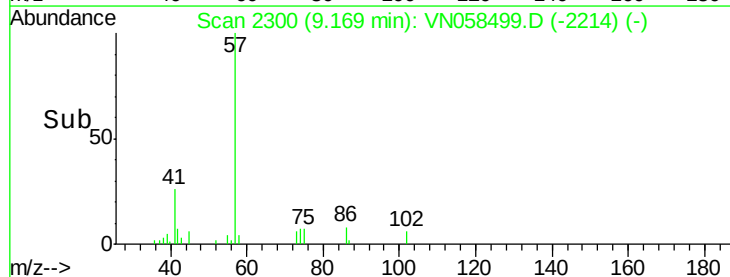
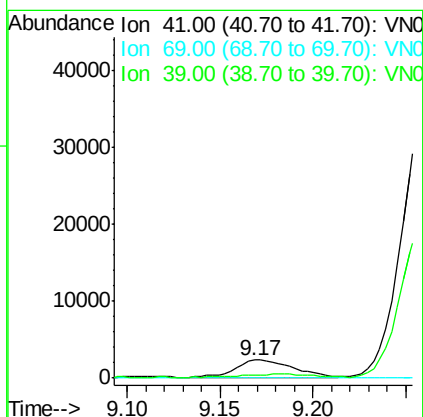
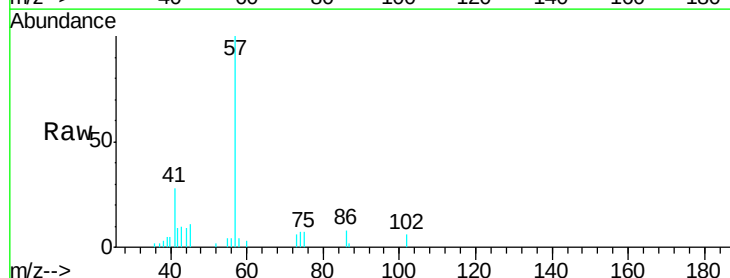
Instrument :
 MSVOA_N
 ClientSampleId :
 20190834-COMPOSITE-J

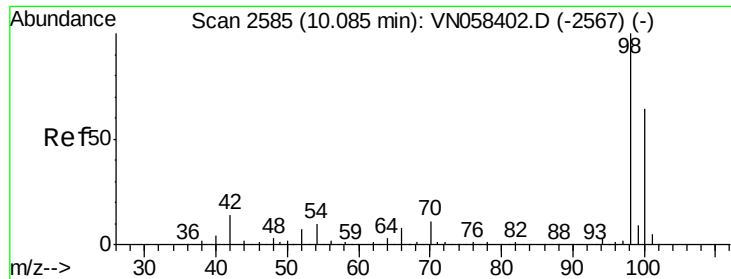
Tgt Ion: 63 Resp: 1018
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.256 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: VN058499.D
 Acq: 3 Oct 2019 00:47

Tgt Ion: 41 Resp: 5295
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.7 97.1#
 39 0.0 52.9 79.3#





#50

Toluene-d8

Concen: 52.971 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

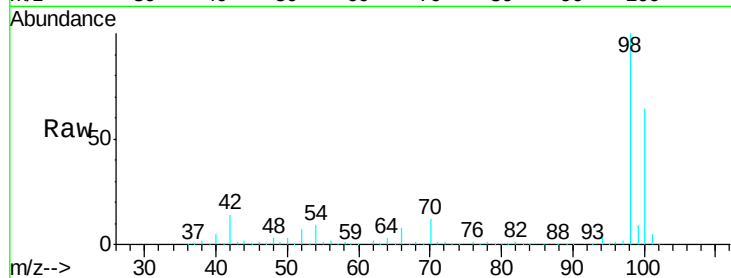
20190834-COMPOSITE-J

Tgt Ion: 98 Resp: 772422

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.08

400000

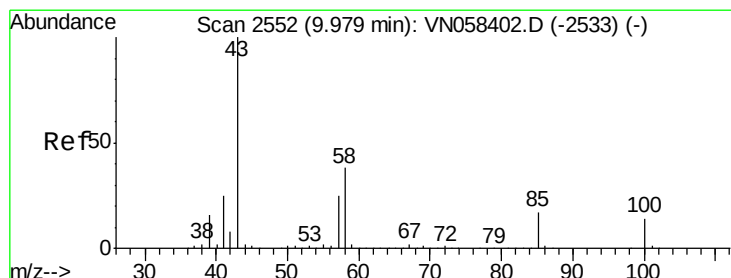
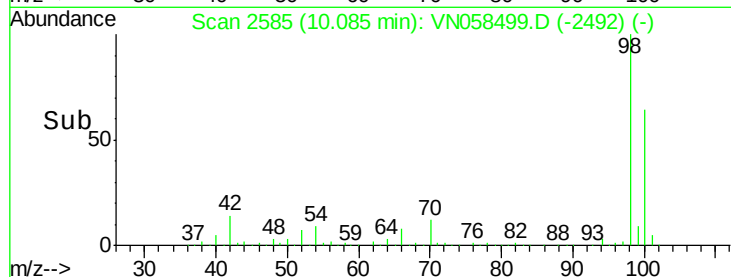
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.380 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058499.D

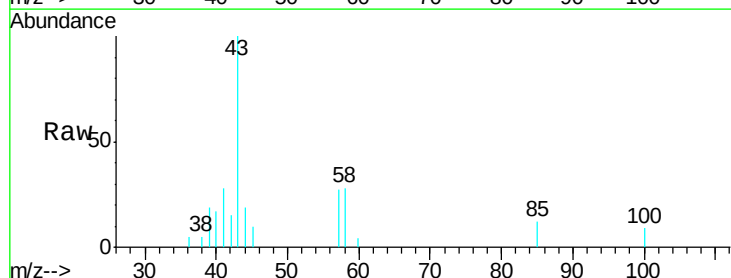
Acq: 3 Oct 2019 00:47

Tgt Ion: 43 Resp: 6564

Ion Ratio Lower Upper

43 100

58 35.5 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058402.D (-2533) (-)

9.98

4000

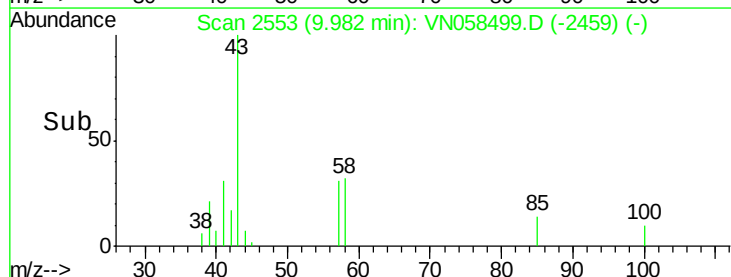
3000

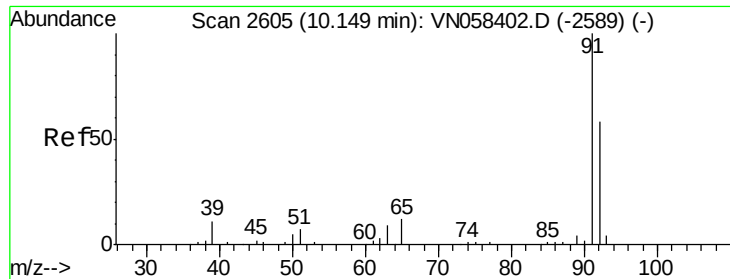
2000

1000

0

Time-->





#52

Toluene

Concen: 0.339 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

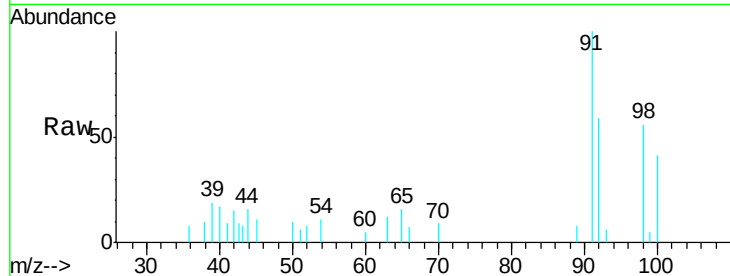
20190834-COMPOSITE-J

Tgt Ion: 92 Resp: 3558

Ion Ratio Lower Upper

92 100

91 174.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

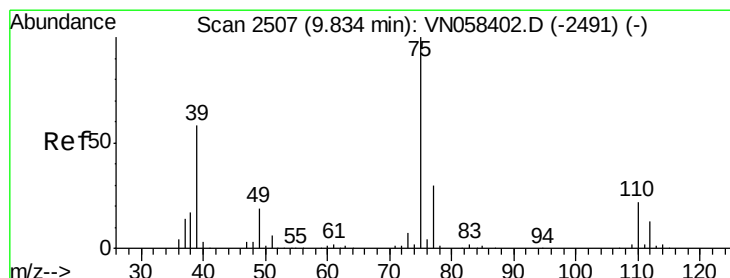
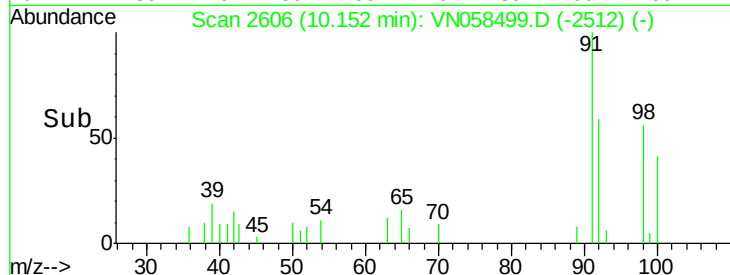
3000

2000

1000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 4.790 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

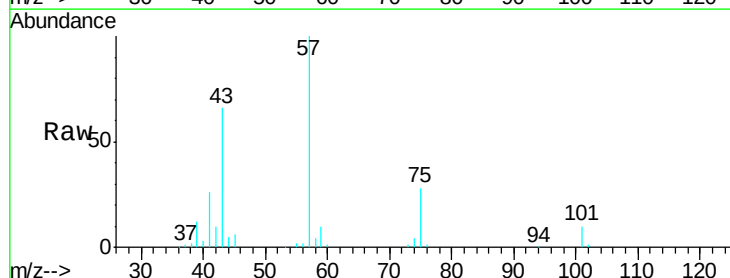
Tgt Ion: 75 Resp: 31086

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.4#

39 44.8 46.4 69.6#



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

20000

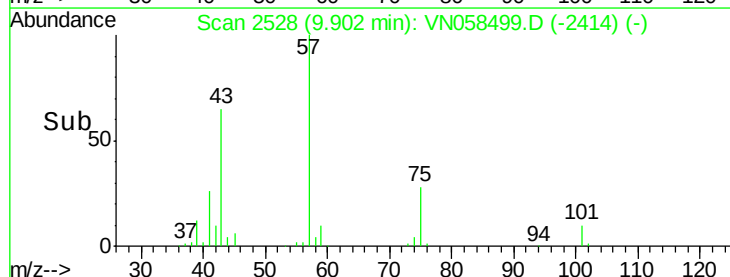
15000

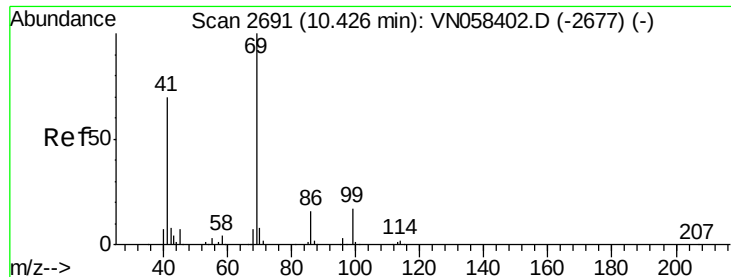
10000

5000

0

Time-->





#56

Ethyl methacrylate

Concen: 0.294 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

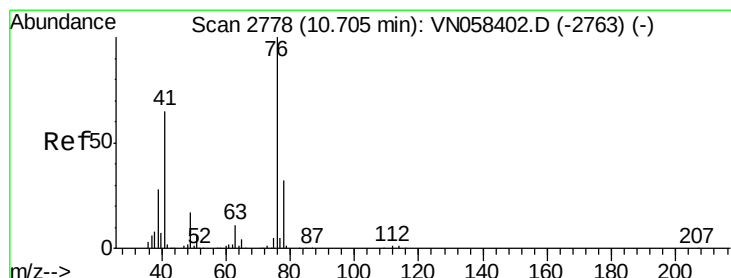
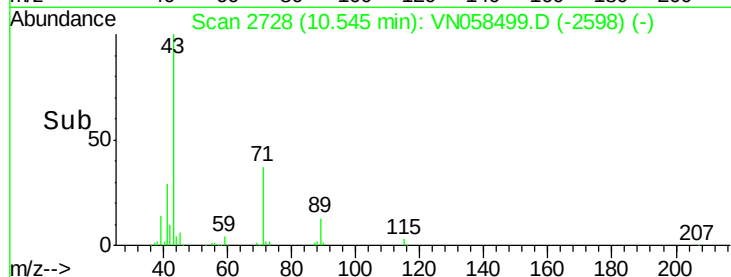
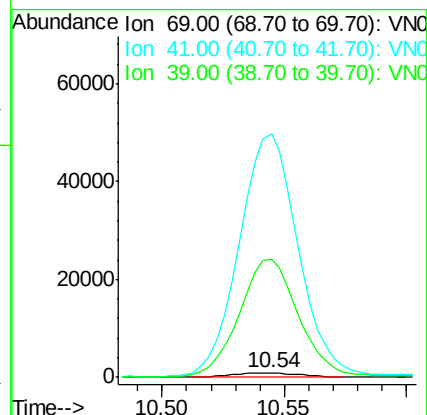
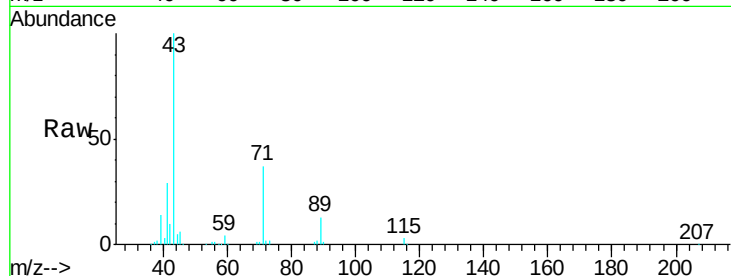
Tgt Ion: 69 Resp: 1707

Ion Ratio Lower Upper

69 100

41 4918.0 56.3 84.5#

39 2410.7 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 0.545 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058499.D

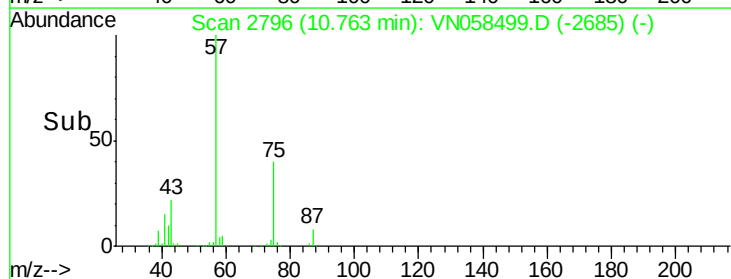
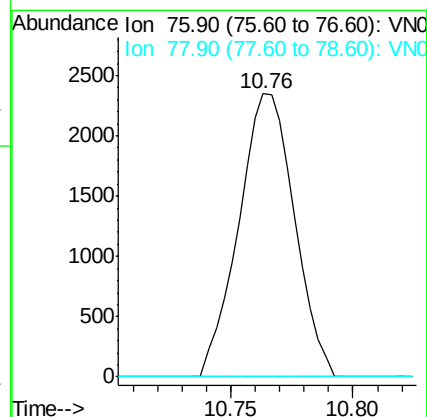
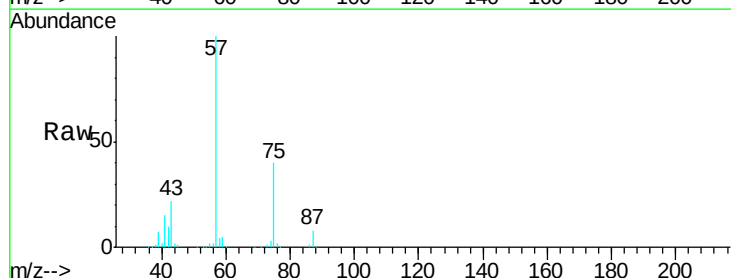
Acq: 3 Oct 2019 00:47

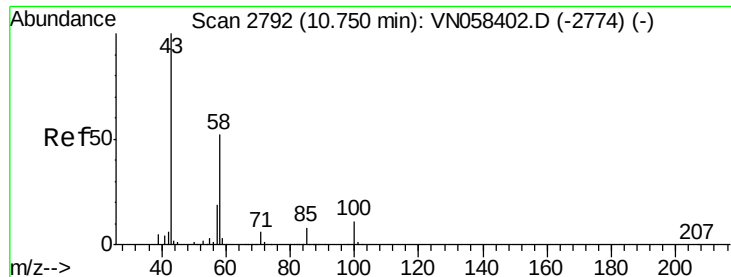
Tgt Ion: 76 Resp: 3716

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

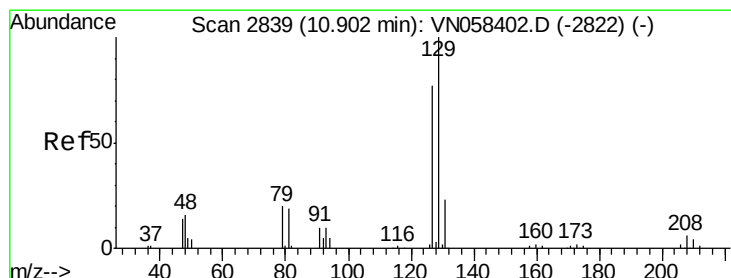
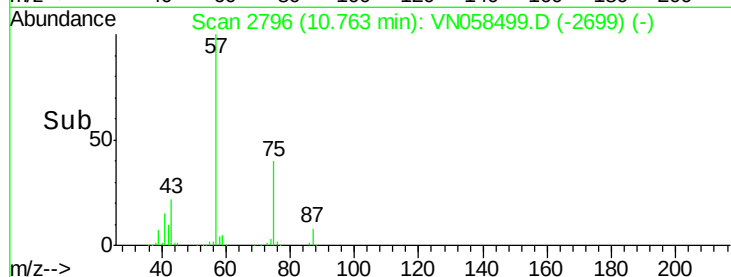
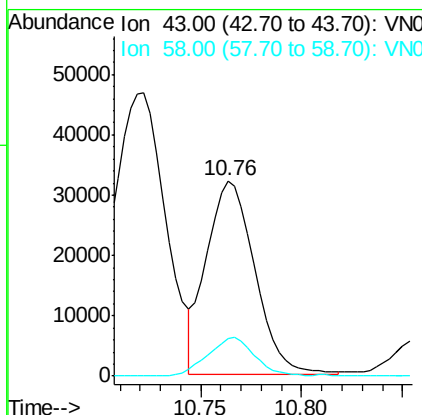
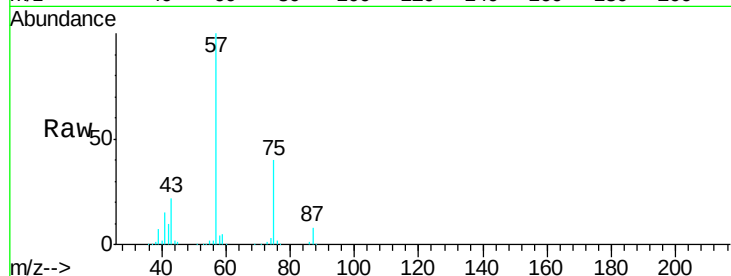




#59
2-Hexanone
Concen: 15.328 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

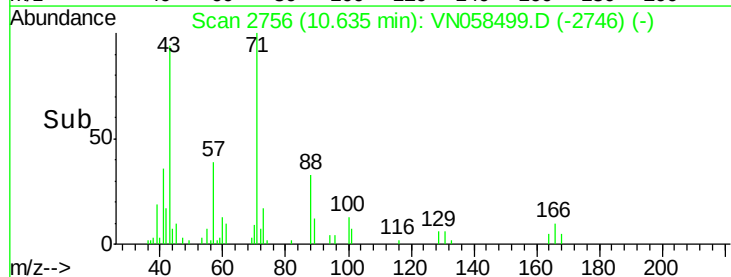
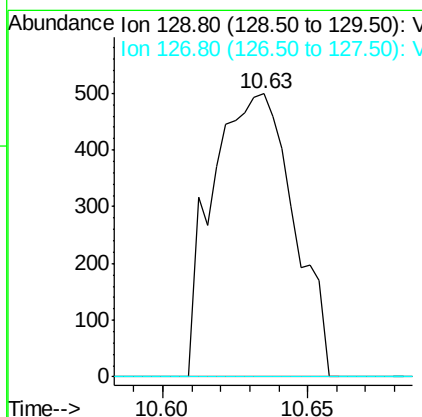
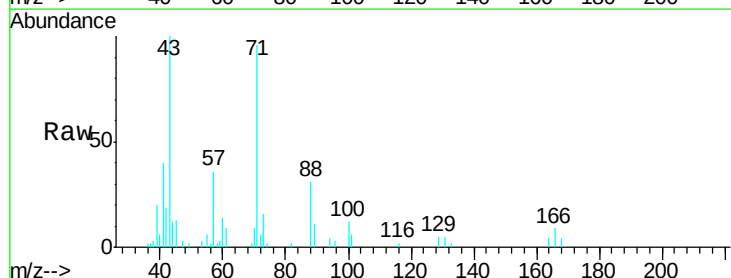
Instrument :
MSVOA_N
ClientSampleId :
20190834-COMPOSITE-J

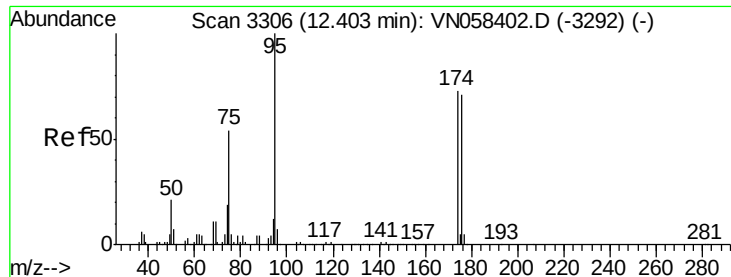
Tgt Ion: 43 Resp: 53082
Ion Ratio Lower Upper
43 100
58 19.7 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 10.63 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Tgt Ion: 129 Resp: 972
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 45.685 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

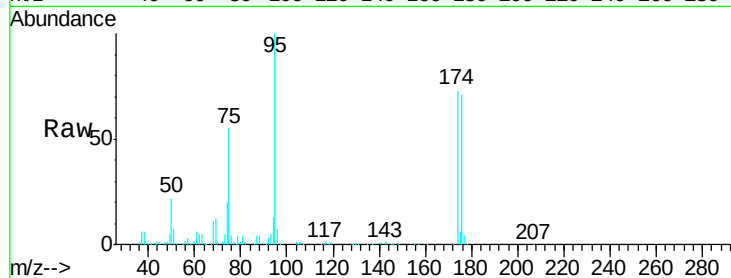
Tgt Ion: 95 Resp: 240879

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.6

176 72.7 0.0 146.2



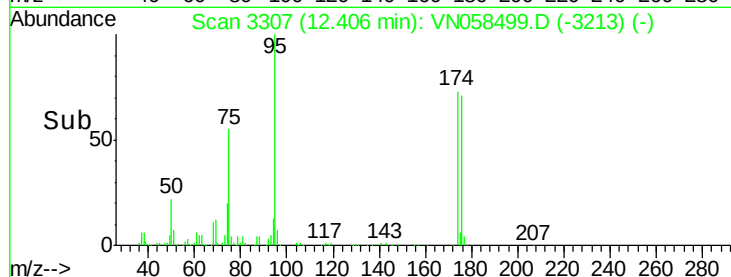
Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

12.40 12.50



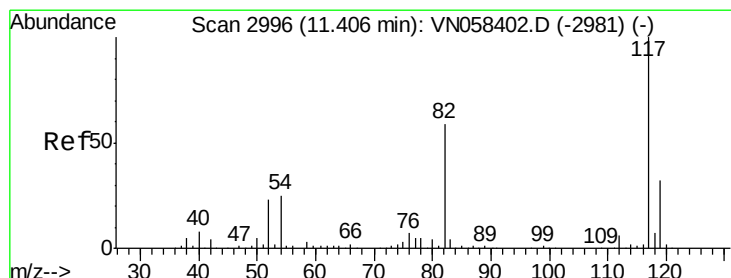
Abundance Ion 94.90 (94.60 to 95.60): VN058499.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058499.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058499.D (-3213) (-)

12.41

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: VN058499.D

Acq: 3 Oct 2019 00:47

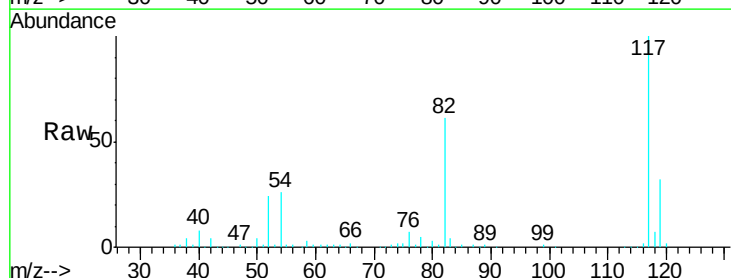
Tgt Ion: 117 Resp: 527565

Ion Ratio Lower Upper

117 100

82 60.6 47.4 71.0

119 31.8 25.5 38.3



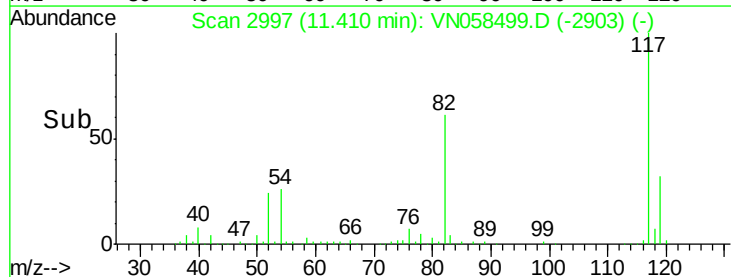
Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

11.41

11.30 11.50



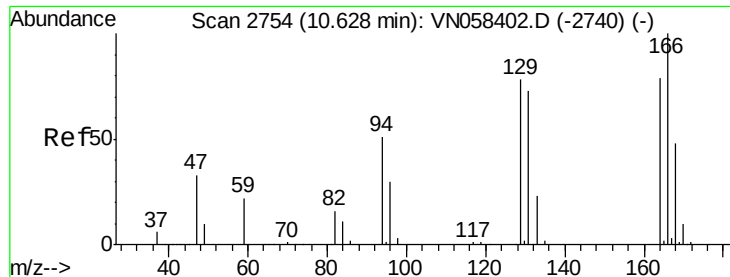
Abundance Ion 116.90 (116.60 to 117.60): VN058499.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058499.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058499.D (-2903) (-)

11.41

11.30 11.50



#64

Tetrachloroethene

Concen: 0.280 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

Tgt Ion:164 Resp: 937

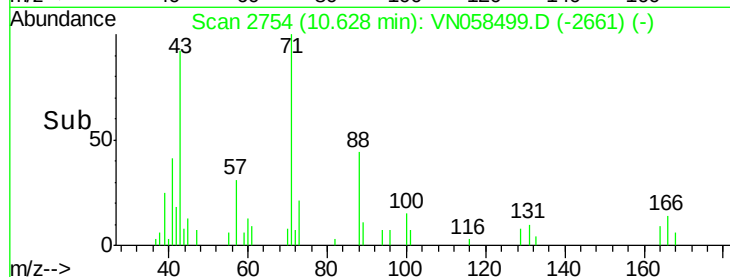
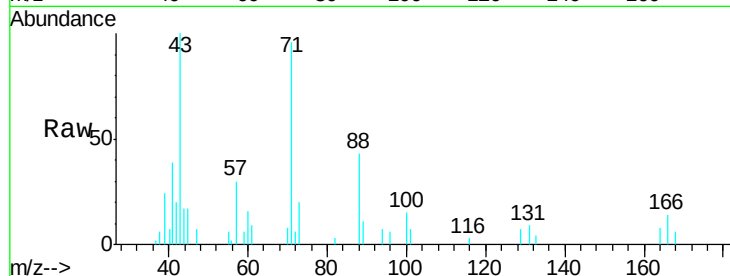
Ion Ratio Lower Upper

164 100

166 168.8 101.1 151.7#

129 90.3 79.2 118.8

131 112.4 74.1 111.1#

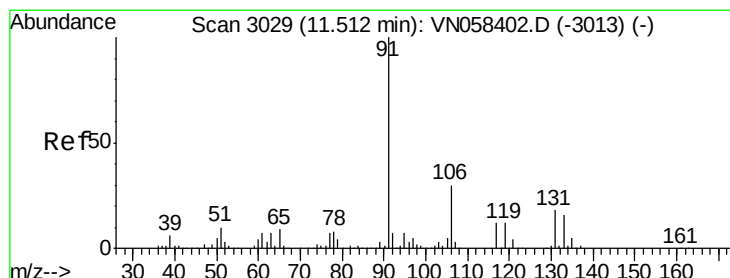
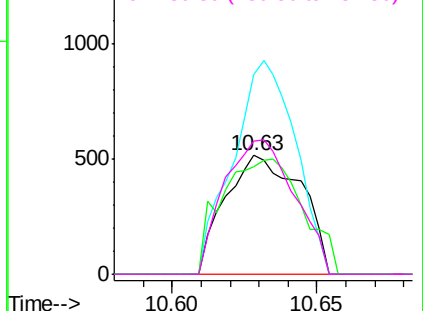


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 0.209 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN058499.D

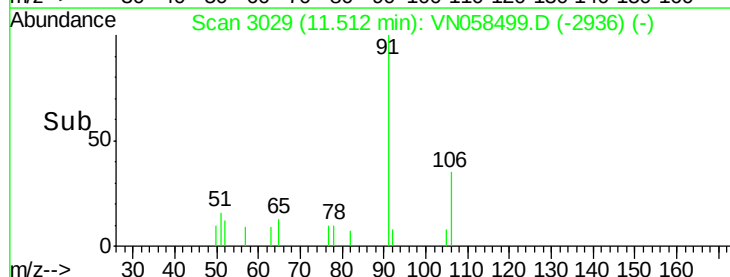
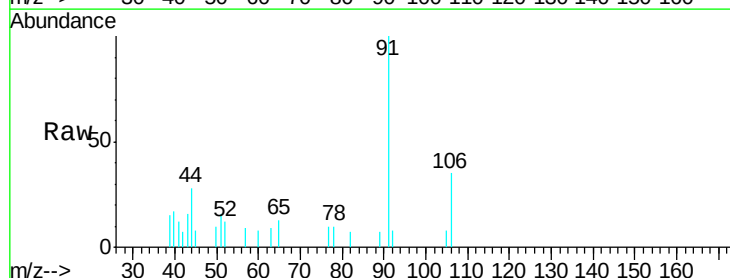
Acq: 3 Oct 2019 00:47

Tgt Ion: 91 Resp: 3975

Ion Ratio Lower Upper

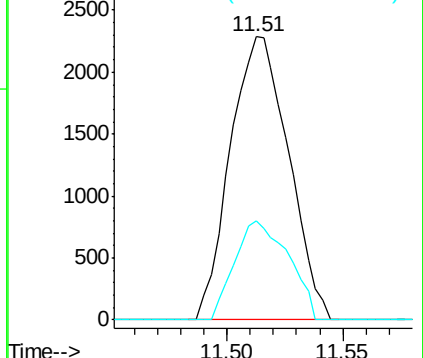
91 100

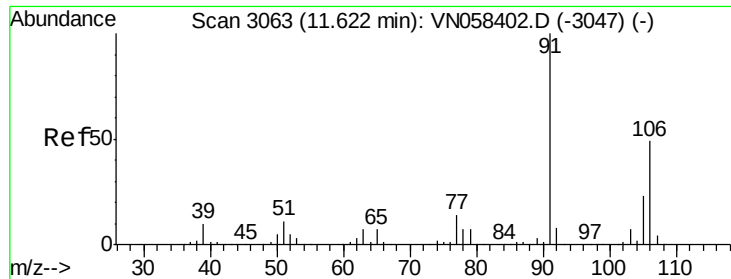
106 34.9 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.269 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

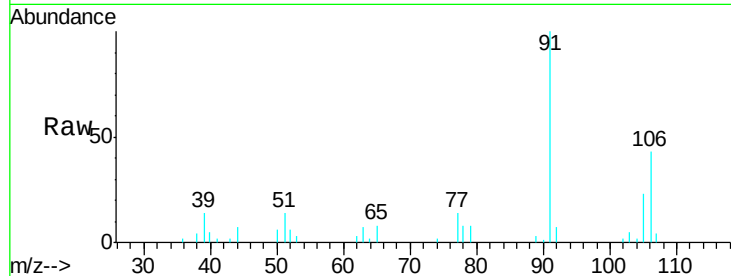
20190834-COMPOSITE-J

Tgt Ion:106 Resp: 9066

Ion Ratio Lower Upper

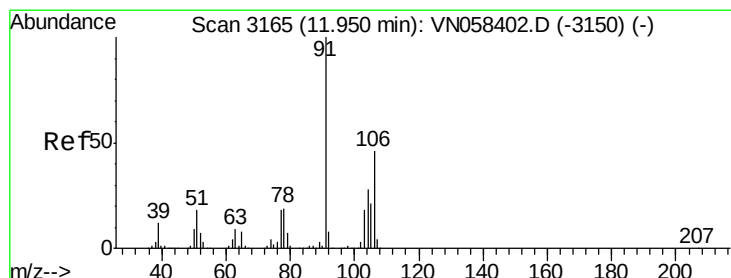
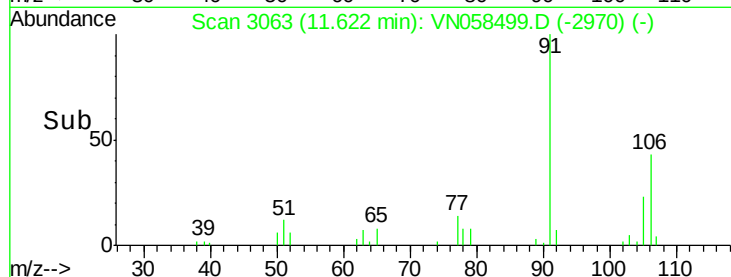
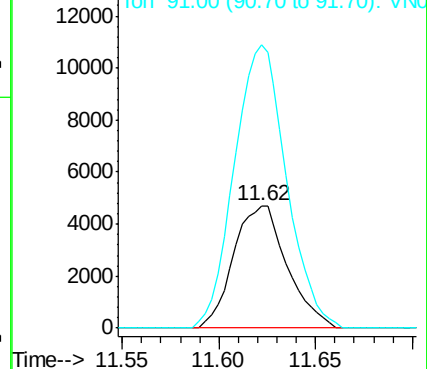
106 100

91 224.8 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.504 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. 0.01 min

Lab File: VN058499.D

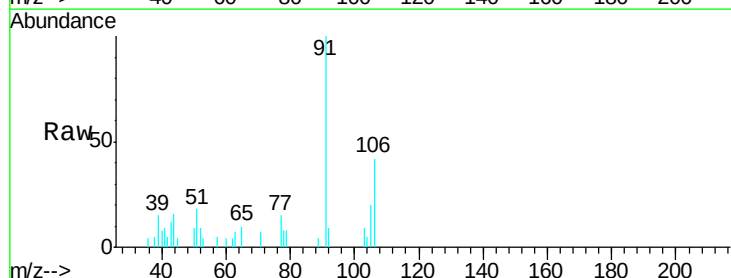
Acq: 3 Oct 2019 00:47

Tgt Ion:106 Resp: 3469

Ion Ratio Lower Upper

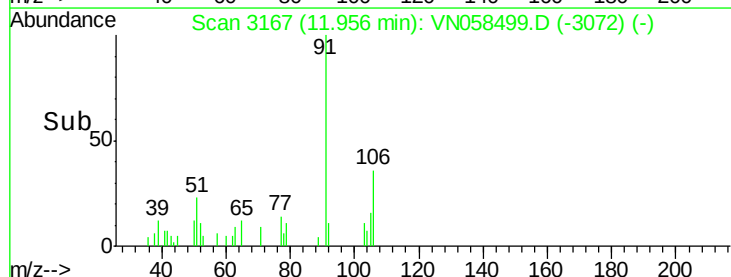
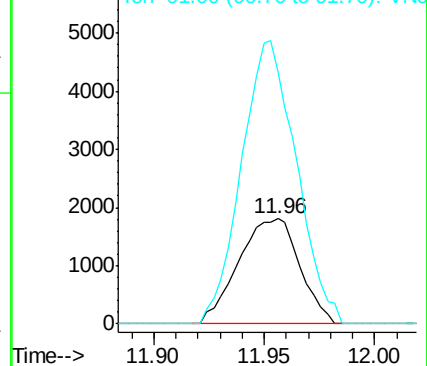
106 100

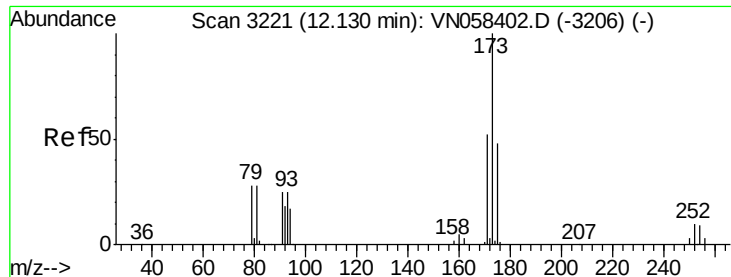
91 241.7 109.1 327.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.792 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

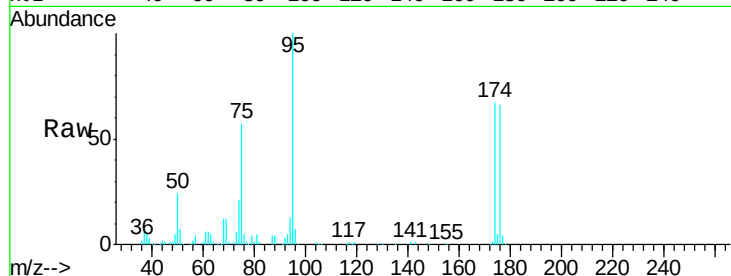
Tgt Ion:173 Resp: 240

Ion Ratio Lower Upper

173 100

175 4450.0 24.3 73.0#

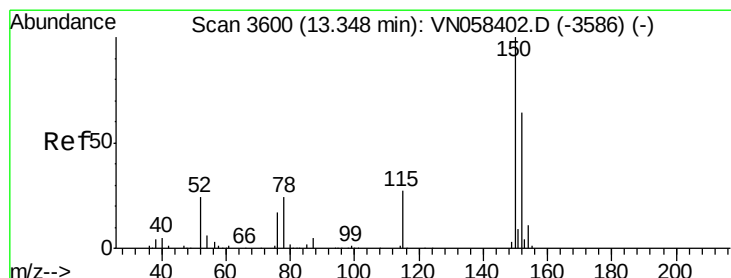
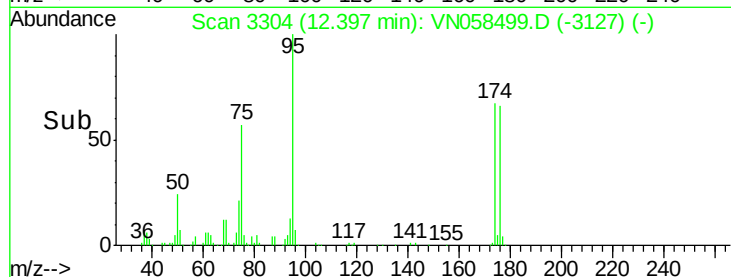
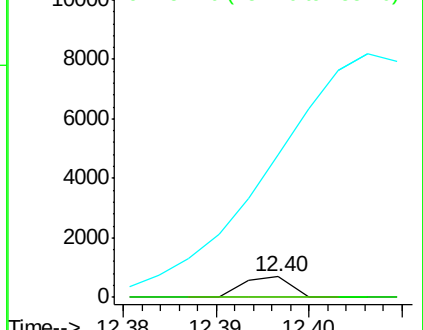
254 0.0 0.1 0.1#



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# 3601

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

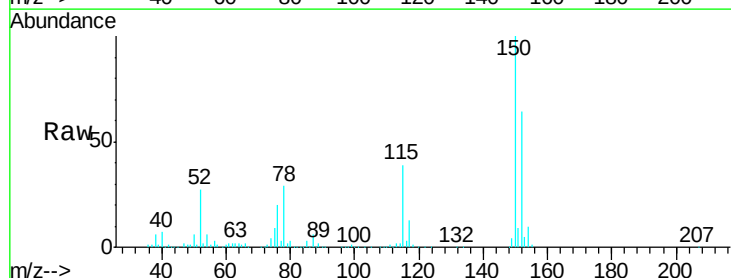
Tgt Ion:152 Resp: 197721

Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

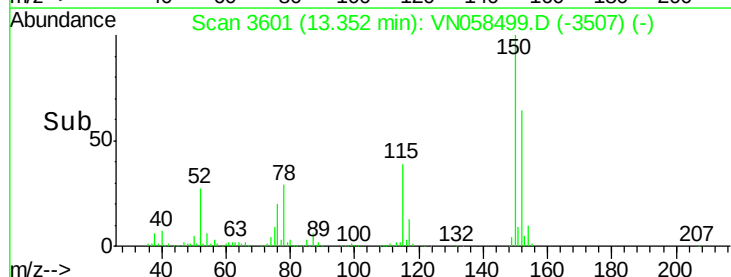
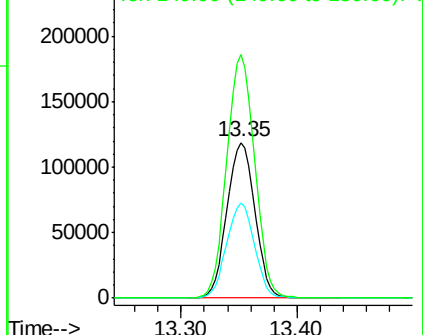
150 156.5 0.0 348.2

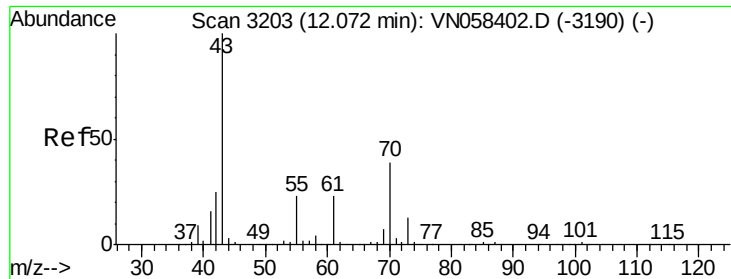


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.667 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

Tgt Ion: 43 Resp: 3876

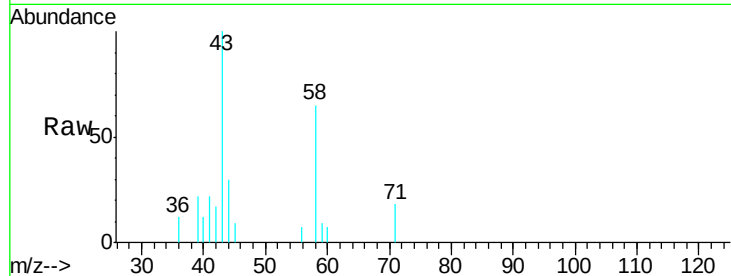
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 7.1 18.2 27.4#

61 0.0 18.3 27.5#

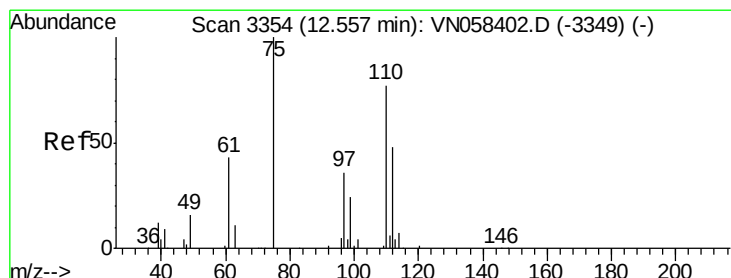
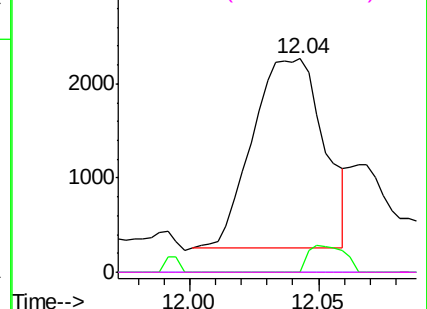
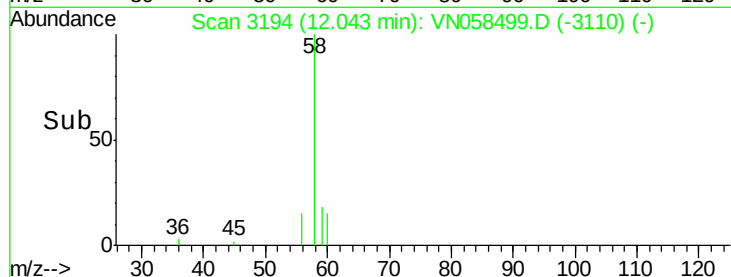


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 37.551 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058499.D

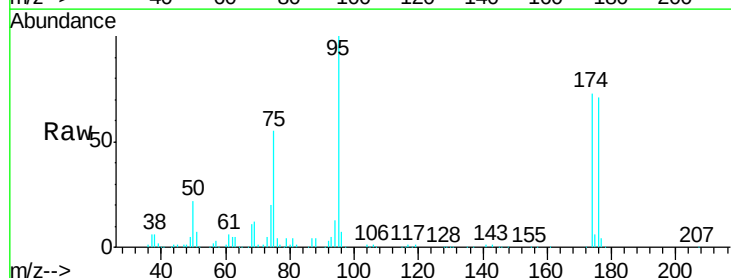
Acq: 3 Oct 2019 00:47

Tgt Ion: 75 Resp: 135612

Ion Ratio Lower Upper

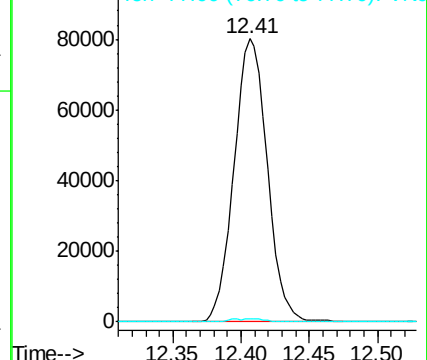
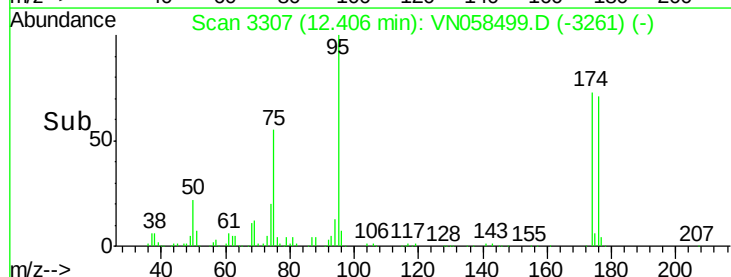
75 100

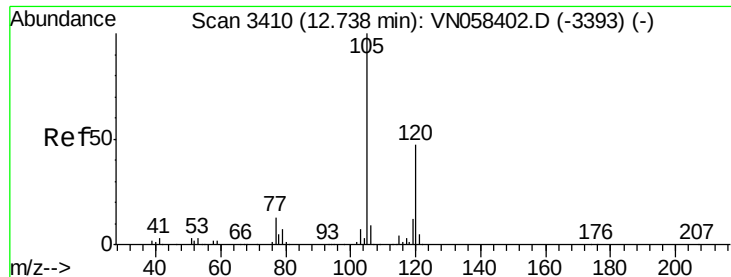
77 0.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.535 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

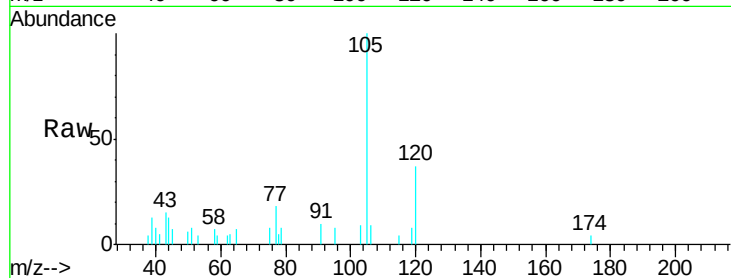
20190834-COMPOSITE-J

Tgt Ion: 105 Resp: 6546

Ion Ratio Lower Upper

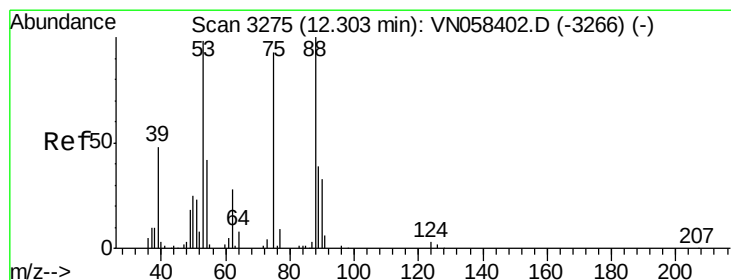
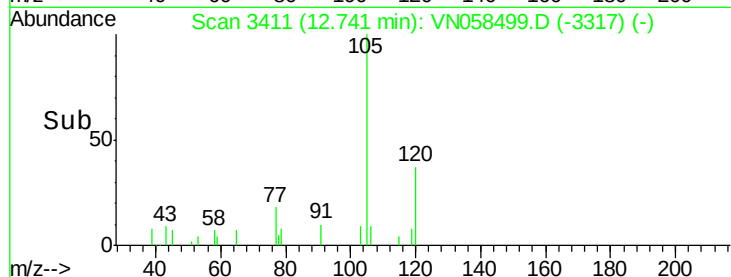
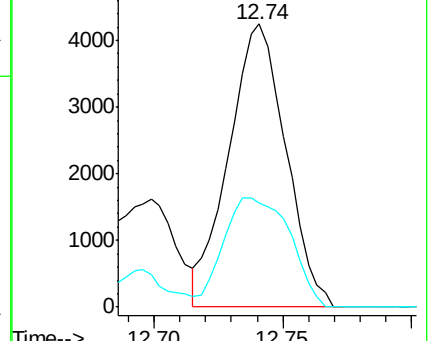
105 100

120 45.0 23.5 70.6



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: 114.048 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

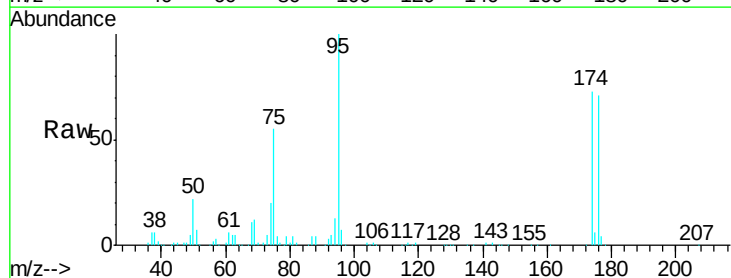
Tgt Ion: 75 Resp: 135612

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

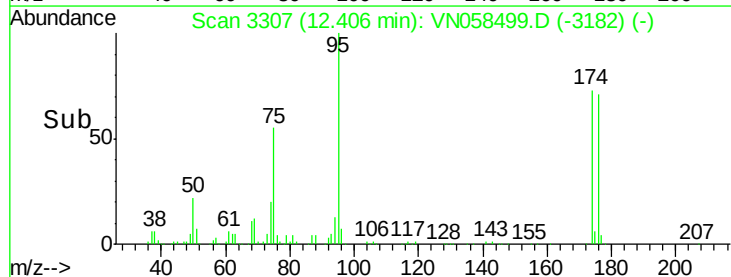
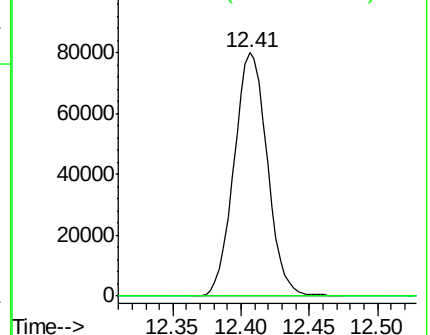
89 0.0 35.0 52.4#

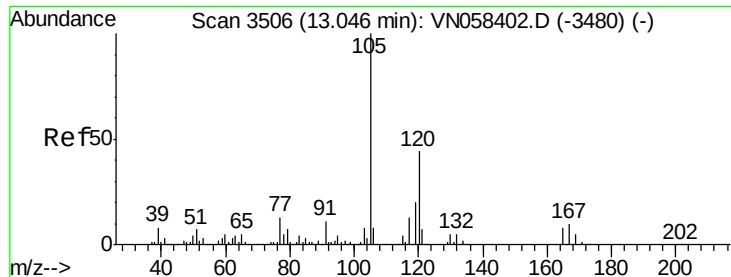


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V

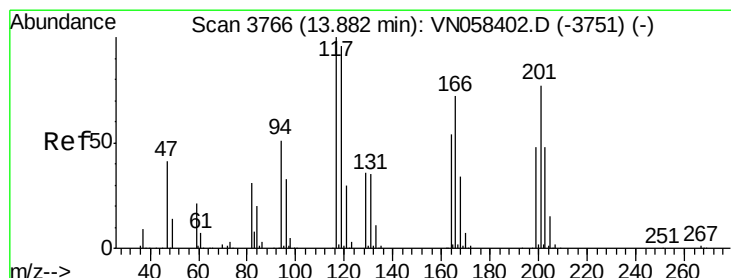
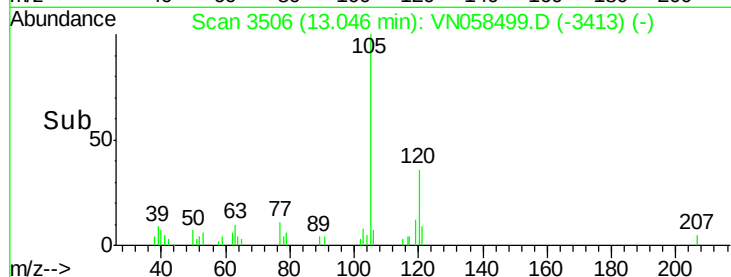
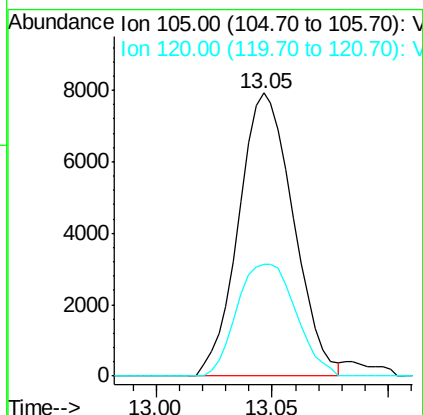
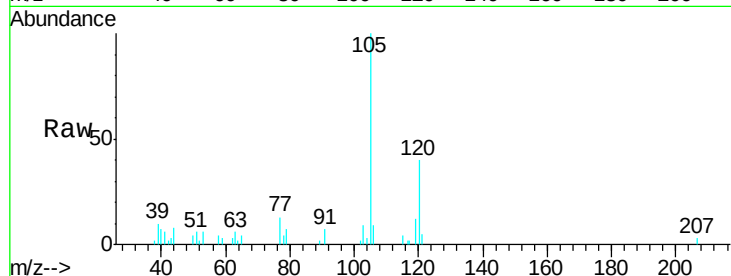




#84
 1,2,4-Trimethylbenzene
 Concen: 1.056 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN058499.D
 Acq: 3 Oct 2019 00:47

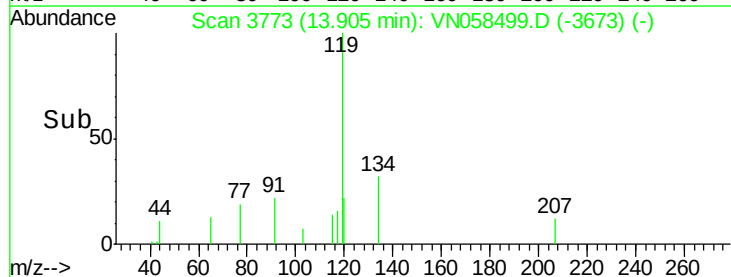
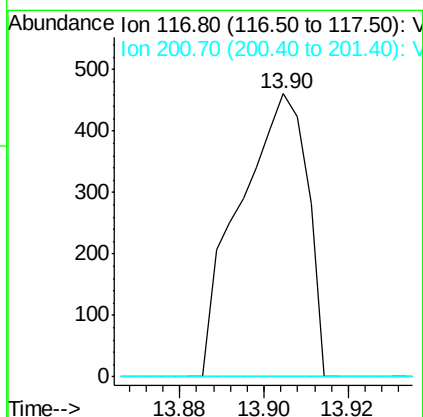
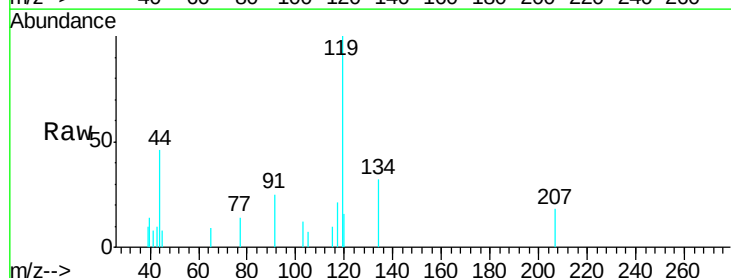
Instrument :
 MSVOA_N
 ClientSampleId :
 20190834-COMPOSITE-J

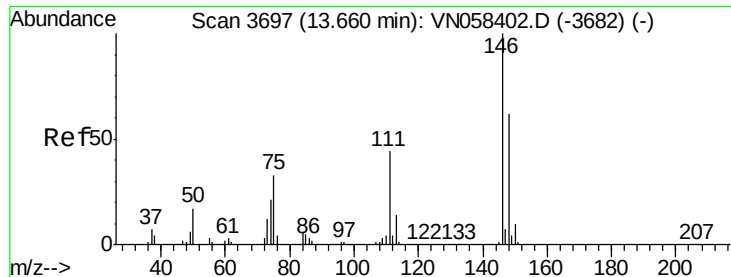
Tgt Ion:105 Resp: 12947
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.7 65.1



#90
 Hexachloroethane
 Concen: 0.286 ug/l
 RT: 13.90 min Scan# 3773
 Delta R.T. 0.02 min
 Lab File: VN058499.D
 Acq: 3 Oct 2019 00:47

Tgt Ion:117 Resp: 513
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.6 116.0#

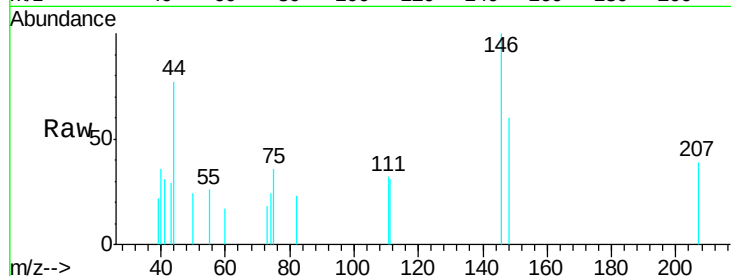




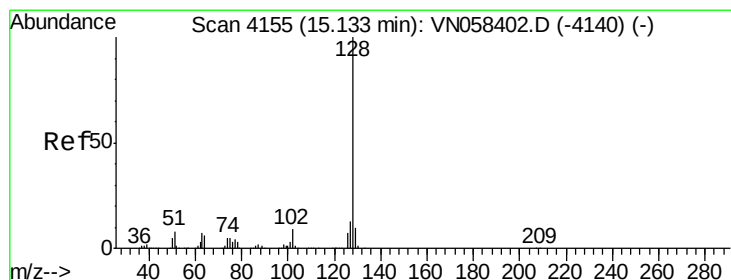
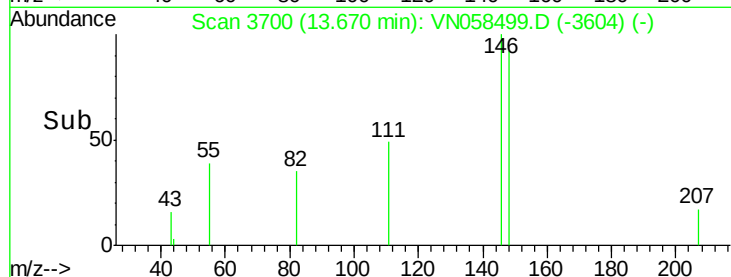
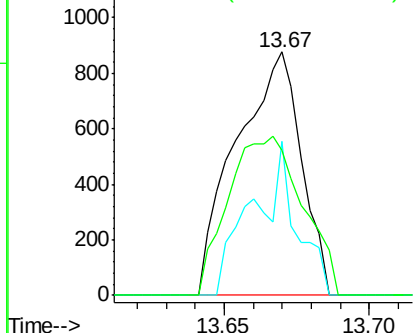
#91
1,2-Dichlorobenzene
Concen: 0.228 ug/l
RT: 13.67 min Scan# 3700
Delta R.T. 0.01 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Instrument :
MSVOA_N
ClientSampleId :
20190834-COMPOSITE-J

Tgt Ion:146 Resp: 1363
Ion Ratio Lower Upper
146 100
111 42.8 21.8 65.3
148 75.0 31.5 94.5

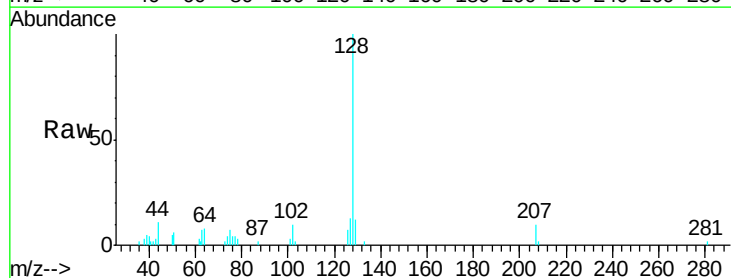


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#95
Naphthalene
Concen: 1.717 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Tgt Ion:128 Resp: 16857
Ion Ratio Lower Upper
128 100
127 11.7 10.2 15.4
129 10.2 8.3 12.5



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

