

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058493.D
 Acq On : 2 Oct 2019 22:34
 Operator : JC/SP
 Sample : K5131-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190828-COMPOSITE-D

Quant Time: Oct 03 05:15:48 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	368318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	615252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	529531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193665	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	274297	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.58	113	190214	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.08	98	768090	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.41	95	238683	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	

Target Compounds						Qvalue
3) Chloromethane	2.04	50	1645	0.370	ug/l #	88
11) Tert butyl alcohol	4.76	59	218	0.365	ug/l #	71
14) Allyl chloride	4.53	41	48311	7.640	ug/l #	21
16) Acetone	3.80	43	93664	51.049	ug/l	95
17) Carbon Disulfide	4.04	76	2355	0.257	ug/l #	74
18) Methyl Acetate	4.31	43	6568	1.423	ug/l #	76
20) Methylene Chloride	4.53	84	1416765	334.598	ug/l	99
25) 2-Butanone	6.82	43	21182	8.408	ug/l	94
29) Tetrahydrofuran	7.20	42	738	0.462	ug/l #	56
30) Chloroform	7.36	83	2464	0.318	ug/l	100
31) Cyclohexane	7.64	56	9640	1.294	ug/l #	27
36) 1,1-Dichloropropene	7.65	75	32908	5.594	ug/l #	51
38) Carbon Tetrachloride	7.65	117	38091	7.173	ug/l #	16
40) Benzene	8.03	78	5249	0.310	ug/l #	89
43) Isopropyl Acetate	8.15	43	102281	10.905	ug/l	94
45) 1,2-Dichloropropane	9.26	63	1204	0.265	ug/l #	43
48) Methyl methacrylate	9.17	41	6148	1.440	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	6934	1.439	ug/l	90
54) cis-1,3-Dichloropropene	9.90	75	35166	5.349	ug/l #	70
56) Ethyl methacrylate	10.54	69	1732	0.295	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	5256	0.760	ug/l #	43
59) 2-Hexanone	10.76	43	78238	22.302	ug/l #	53
60) Dibromochloromethane	10.63	129	1035	Below Cal	#	11
64) Tetrachloroethene	10.63	164	1437	0.427	ug/l #	67
65) Chlorobenzene	11.44	112	80281	7.627	ug/l	100
71) Bromoform	12.39	173	134	0.749	ug/l #	1
74) N-amyl acetate	12.04	43	6277	1.102	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	129812	36.698	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3033	0.253	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.41	75	129812	111.456	ug/l #	7
88) 1,4-Dichlorobenzene	13.37	146	2249	0.371	ug/l #	1
91) 1,2-Dichlorobenzene	13.67	146	1246	0.213	ug/l	82
95) Naphthalene	15.14	128	4537	0.451	ug/l #	93

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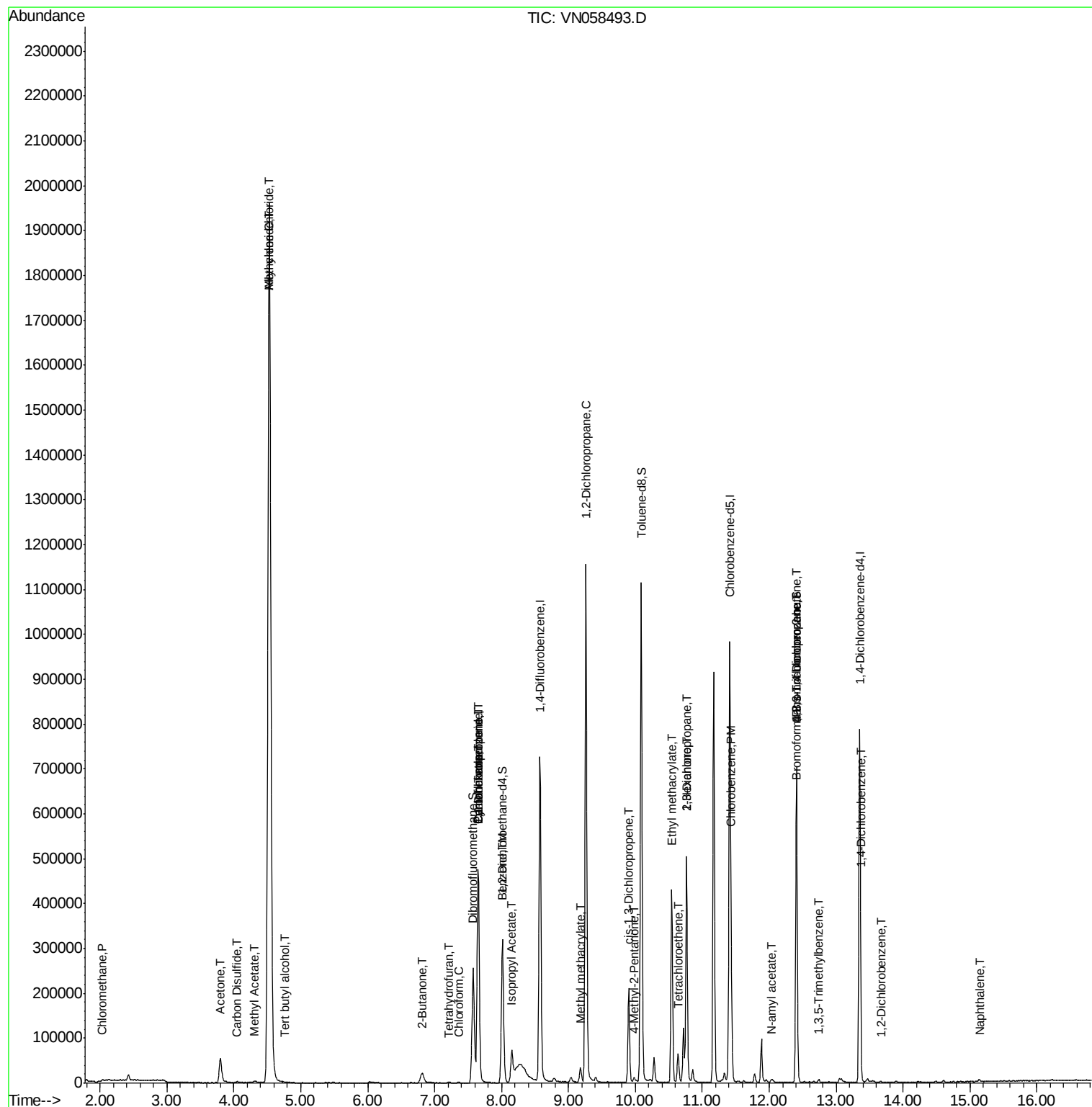
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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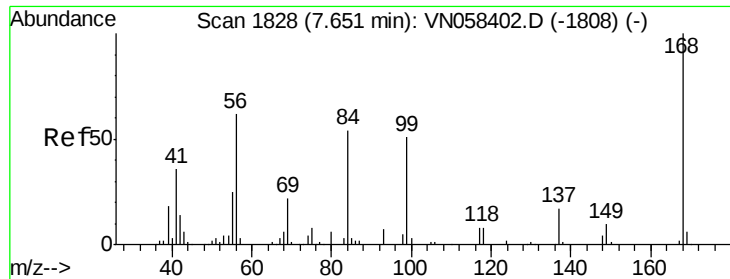
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
Data File : VN058493.D
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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: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

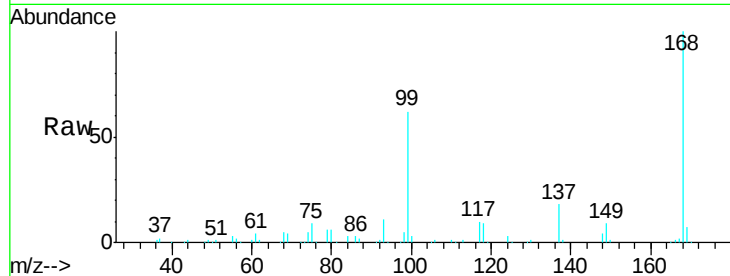
20190828-COMPOSITE-D

Tgt Ion:168 Resp: 368318

Ion Ratio Lower Upper

168 100

99 61.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

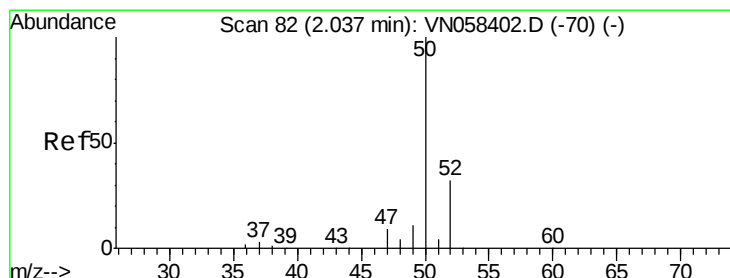
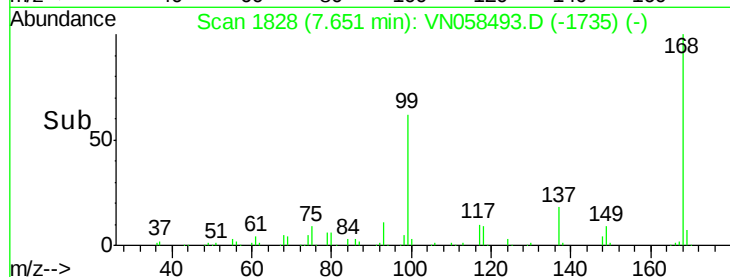
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.370 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058493.D

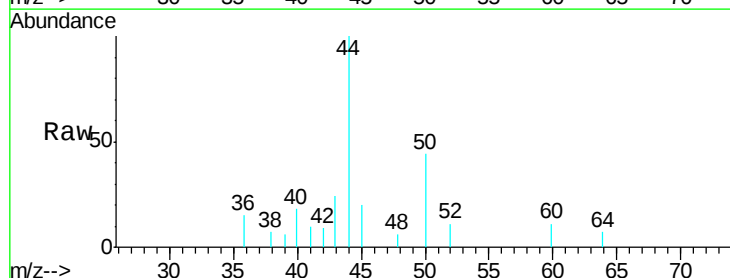
Acq: 2 Oct 2019 22:34

Tgt Ion: 50 Resp: 1645

Ion Ratio Lower Upper

50 100

52 25.5 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

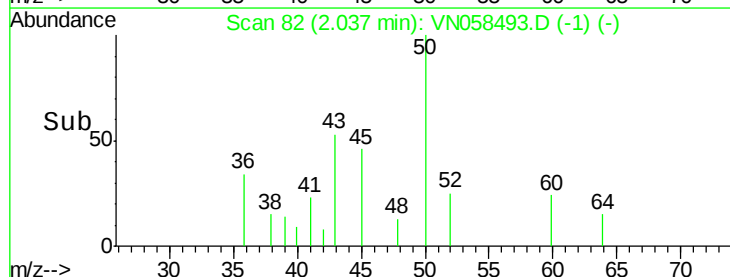
2.04

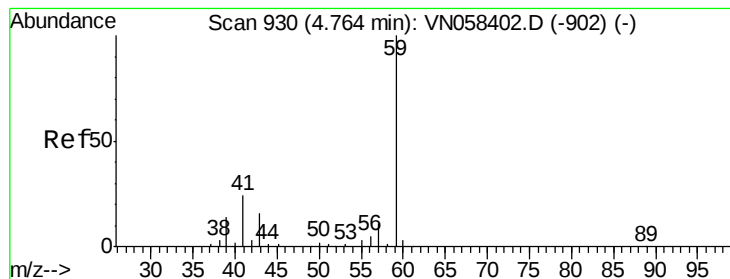
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500

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Time-->



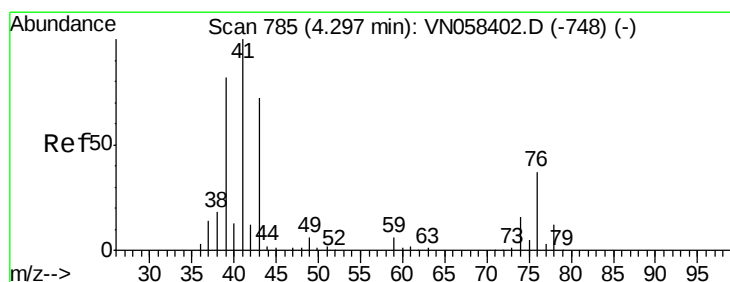
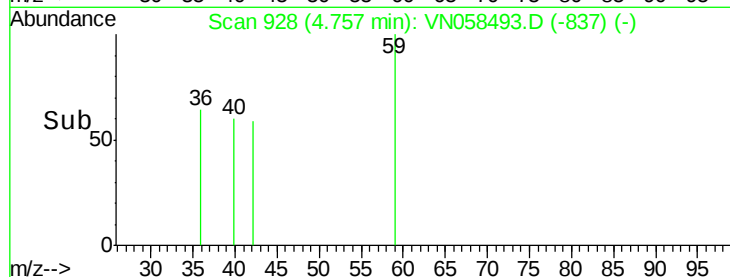
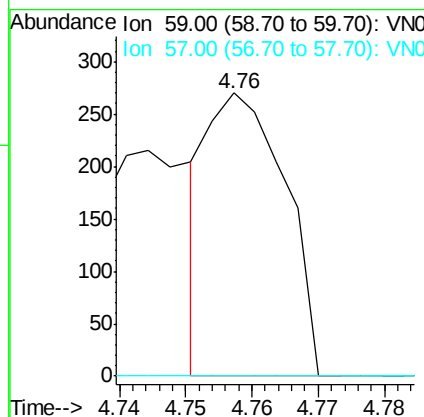
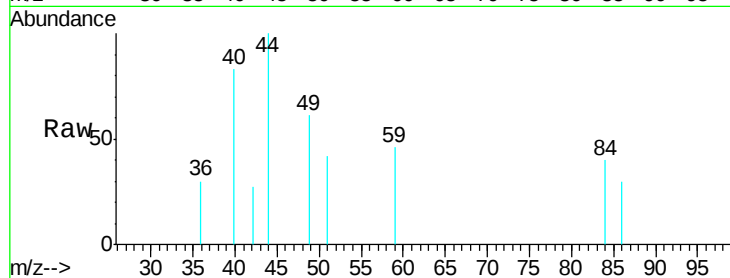


#11

Tert butyl alcohol
Concen: 0.365 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Instrument :
MSVOA_N
ClientSampleId :
20190828-COMPOSITE-D

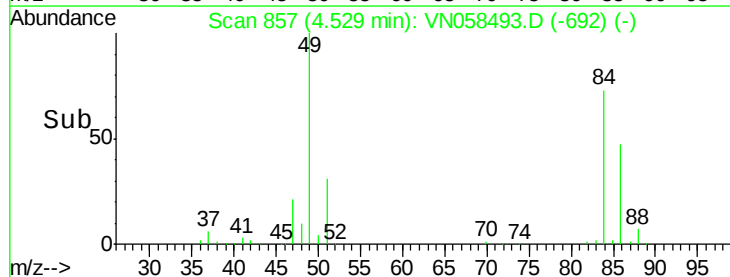
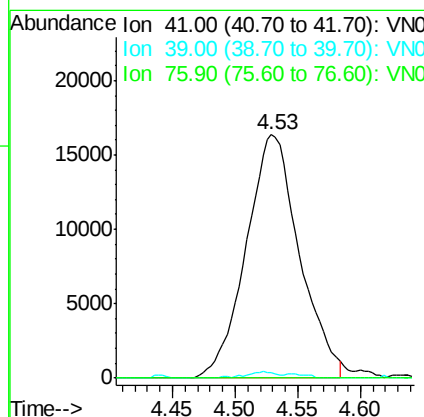
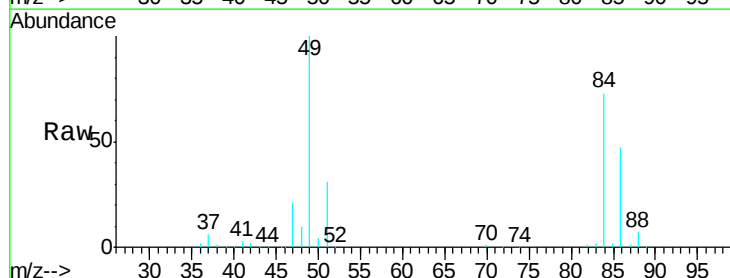
Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

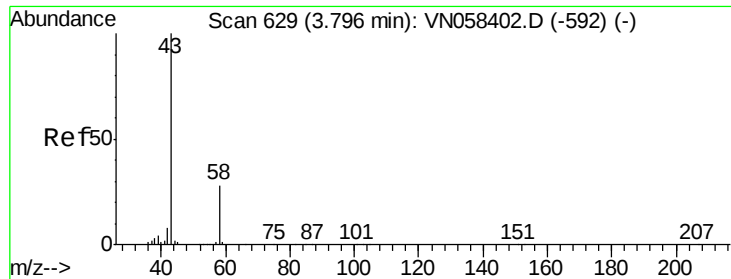


#14

Allyl chloride
Concen: 7.640 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.23 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Tgt Ion: 41 Resp: 48311
Ion Ratio Lower Upper
41 100
39 1.5 62.3 93.5#
76 0.0 26.9 40.3#

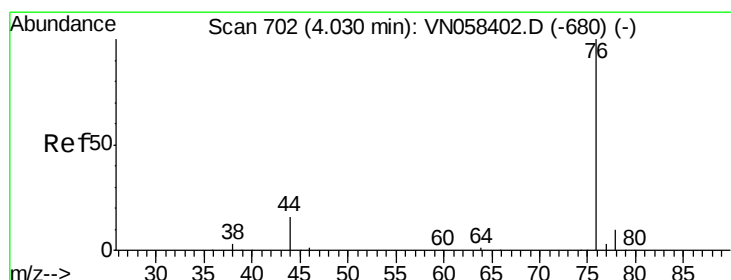
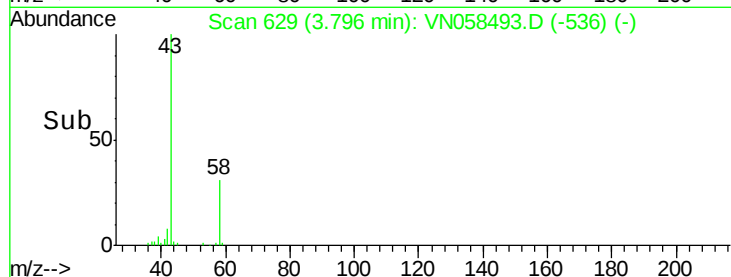
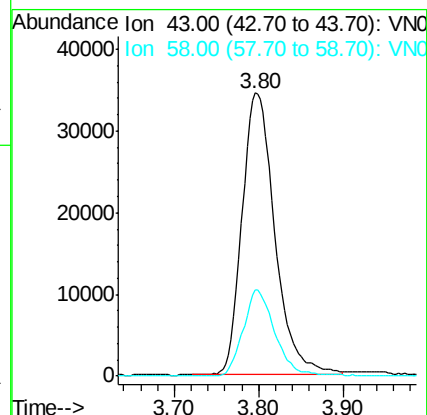
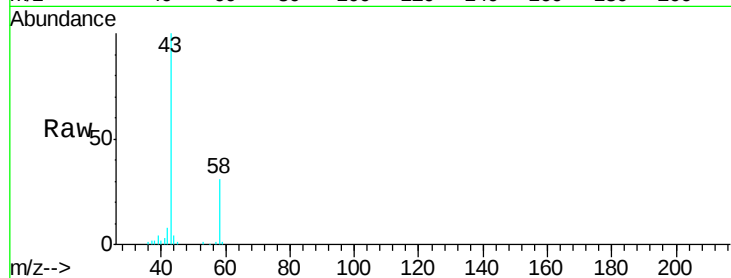




#16
Acetone
Concen: 51.049 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

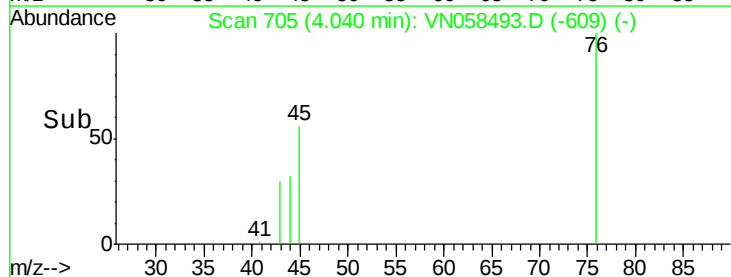
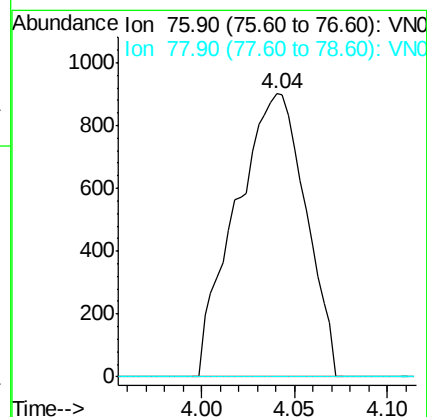
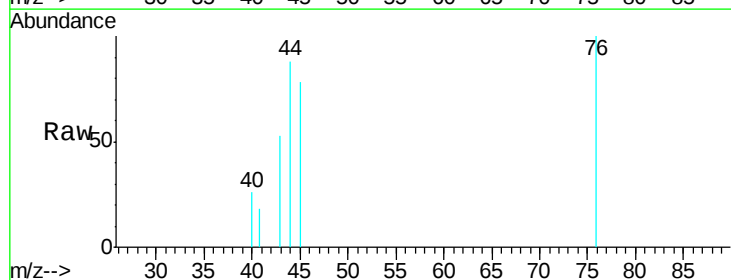
Instrument :
MSVOA_N
ClientSampleId :
20190828-COMPOSITE-D

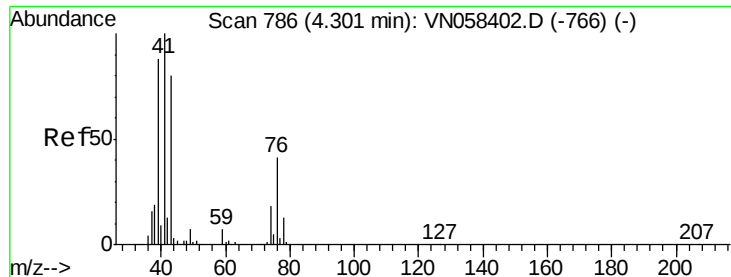
Tgt Ion: 43 Resp: 93664
Ion Ratio Lower Upper
43 100
58 30.7 22.4 33.6



#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.01 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Tgt Ion: 76 Resp: 2355
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#





#18

Methyl Acetate

Concen: 1.423 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

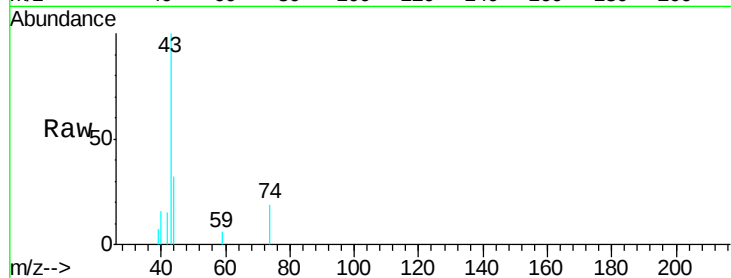
20190828-COMPOSITE-D

Tgt Ion: 43 Resp: 6568

Ion Ratio Lower Upper

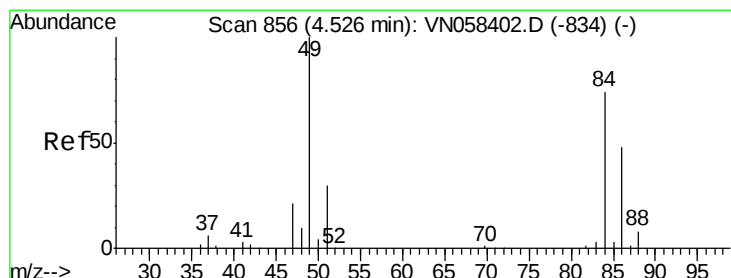
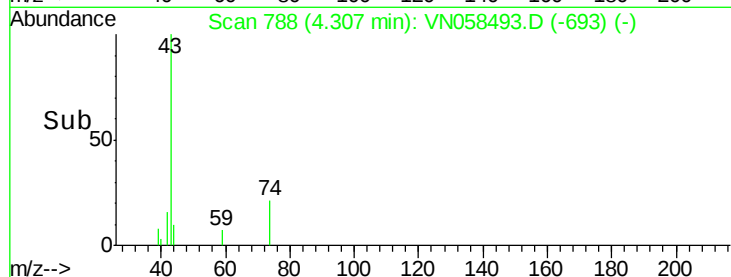
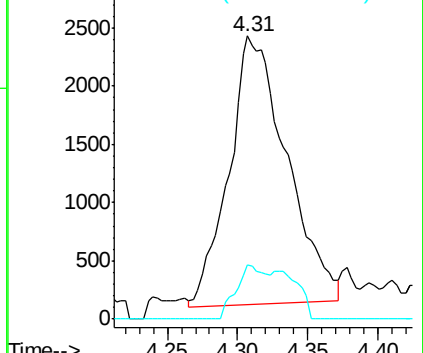
43 100

74 10.9 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 334.598 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Tgt Ion: 84 Resp: 1416765

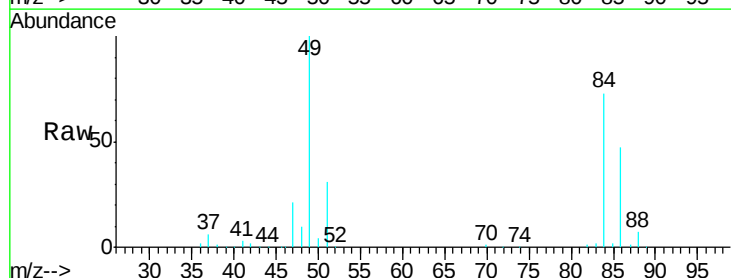
Ion Ratio Lower Upper

84 100

49 136.1 107.9 161.9

51 41.8 32.8 49.2

86 64.4 51.5 77.3

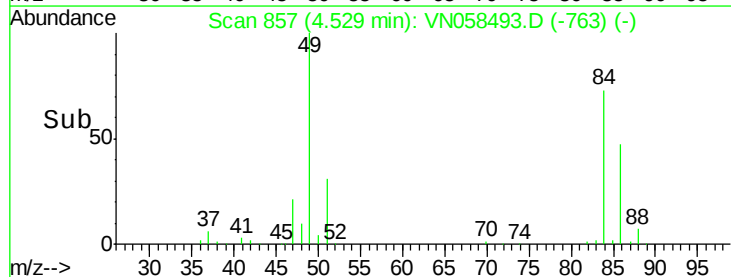
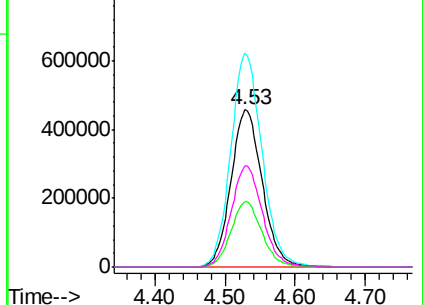


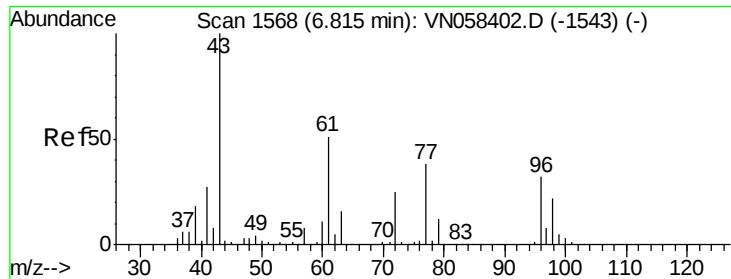
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#25

2-Butanone

Concen: 8.408 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

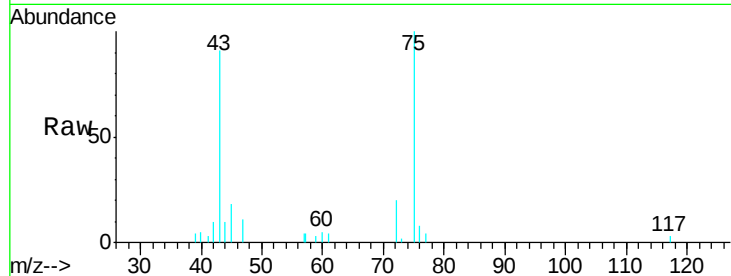
20190828-COMPOSITE-D

Tgt Ion: 43 Resp: 21182

Ion Ratio Lower Upper

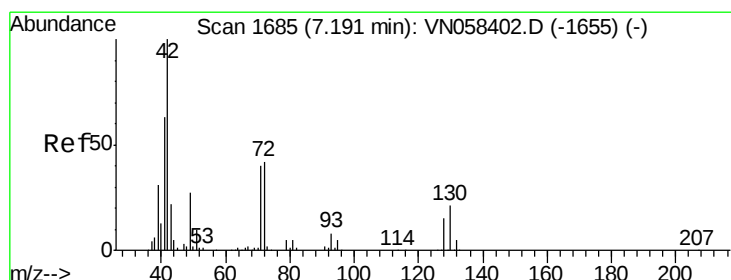
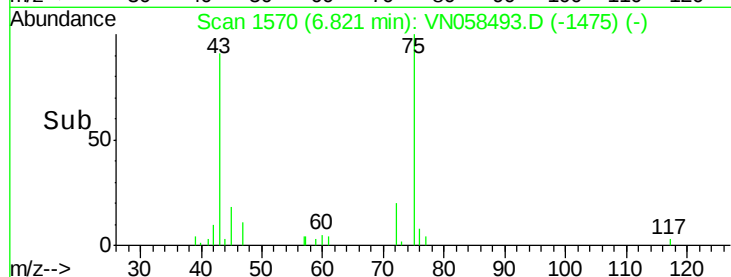
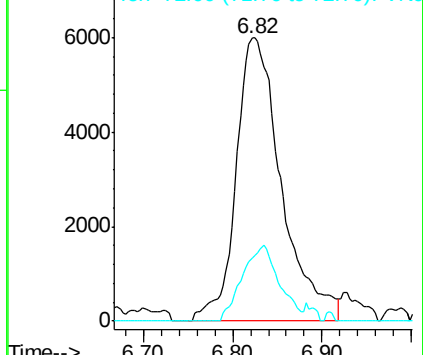
43 100

72 22.4 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.462 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

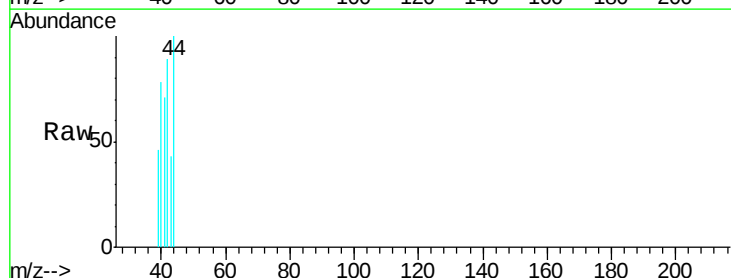
Tgt Ion: 42 Resp: 738

Ion Ratio Lower Upper

42 100

72 18.4 33.7 50.5#

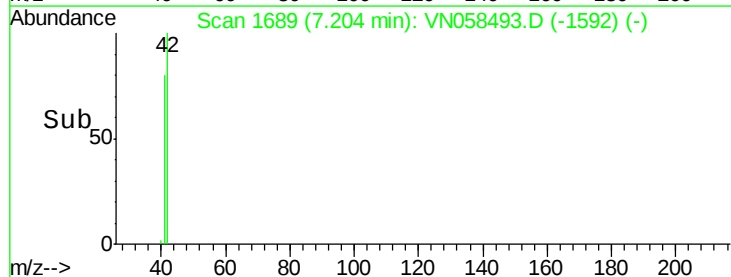
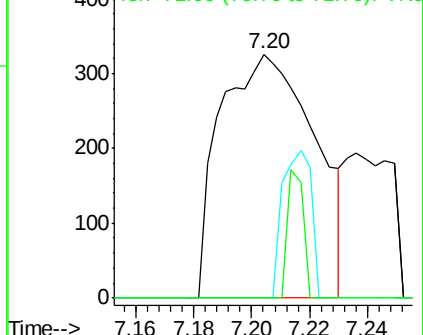
71 8.5 31.8 47.6#

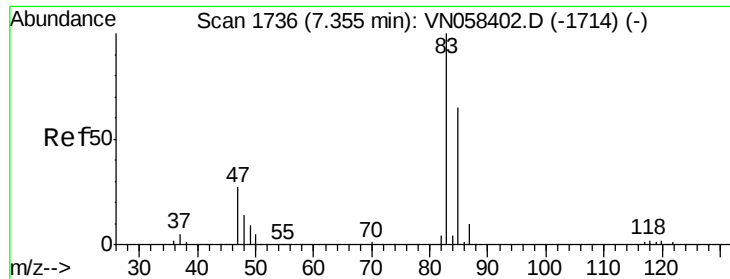


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

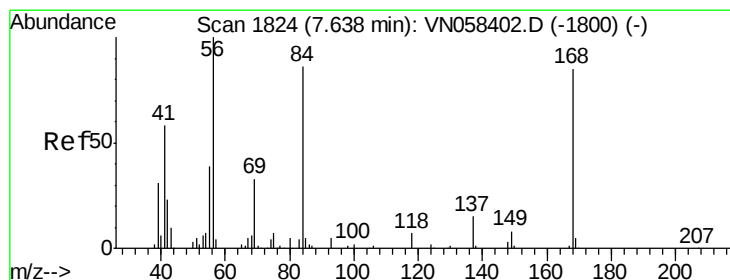
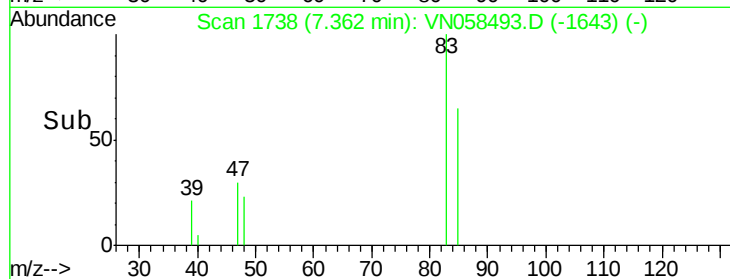
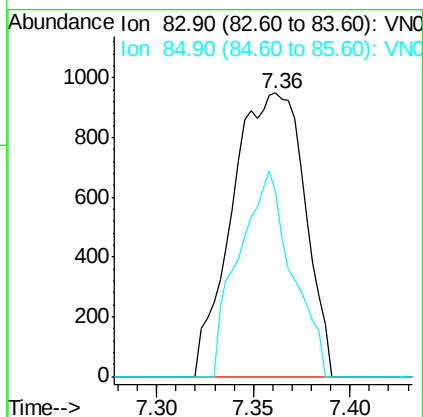
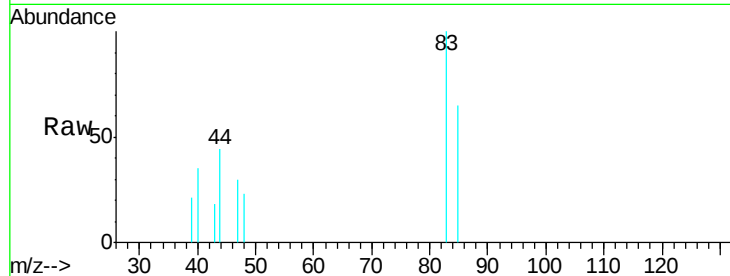




#30
Chloroform
Concen: 0.318 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

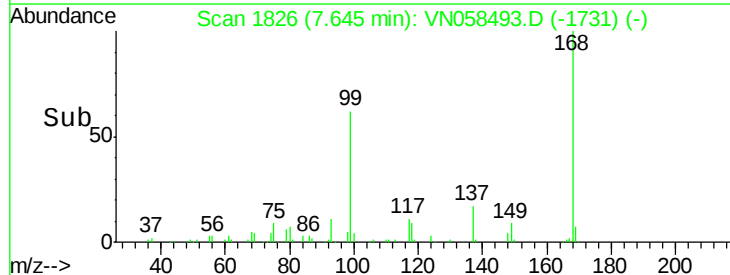
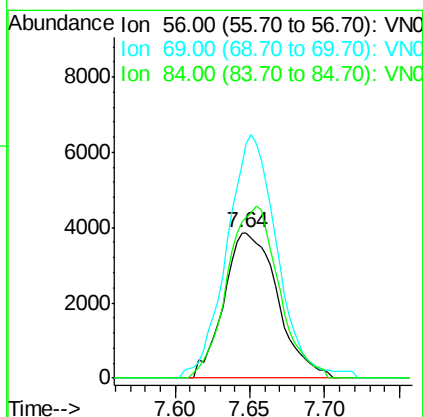
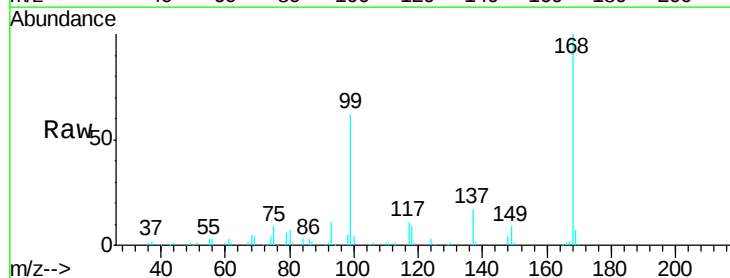
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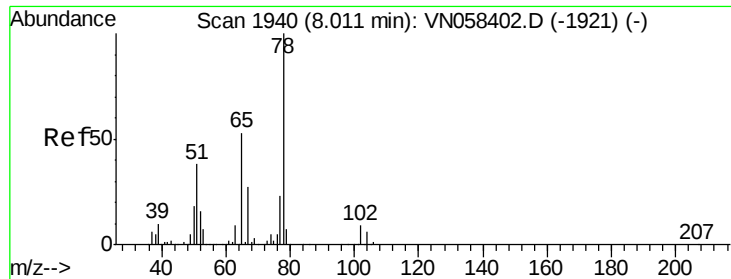
Tgt Ion: 83 Resp: 2464
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Tgt Ion: 56 Resp: 9640
Ion Ratio Lower Upper
56 100
69 143.4 26.2 39.4#
84 107.5 67.6 101.4#

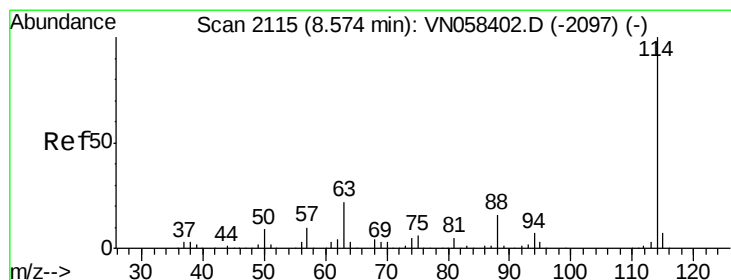
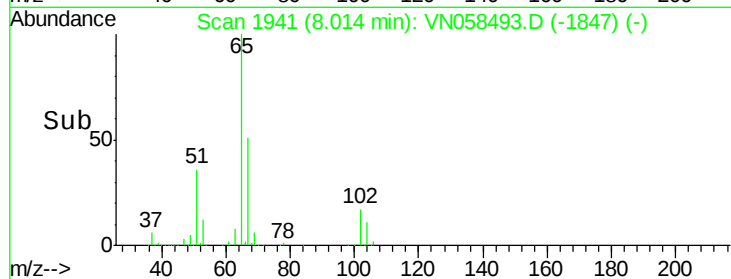
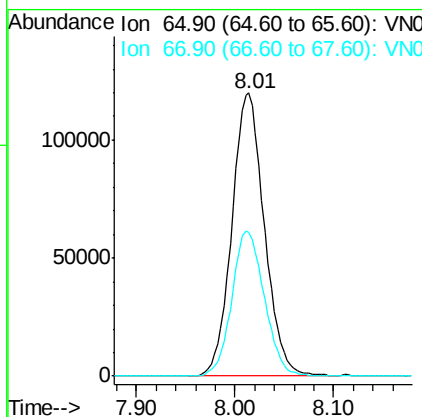
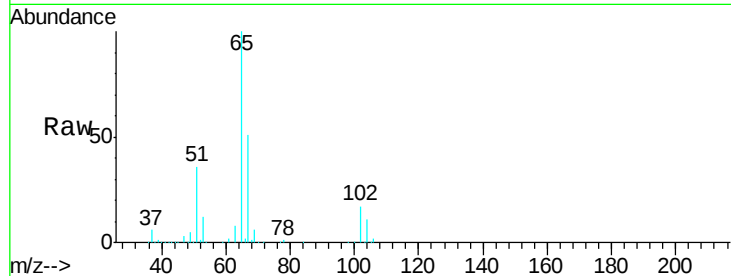




#33
 1,2-Dichloroethane-d4
 Concen: 50.962 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058493.D
 Acq: 2 Oct 2019 22:34

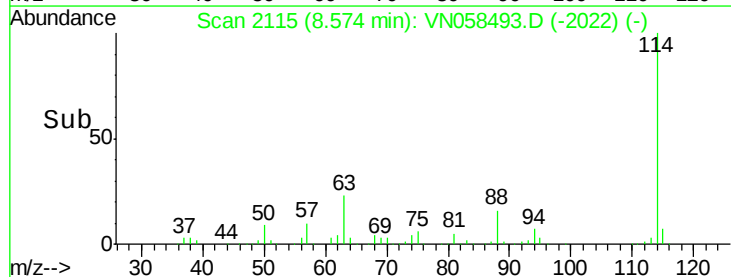
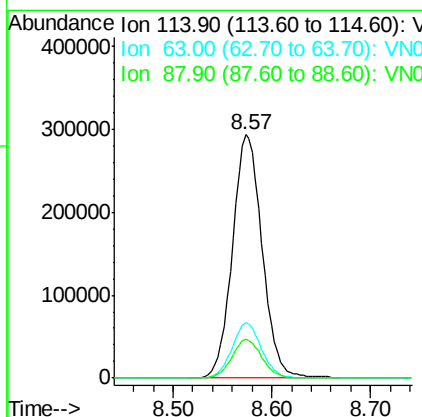
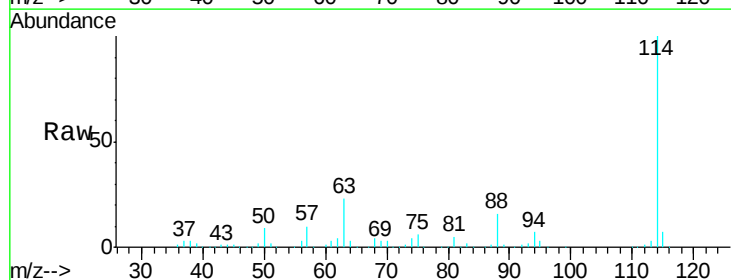
Instrument :
 MSVOA_N
 ClientSampleId :
 20190828-COMPOSITE-D

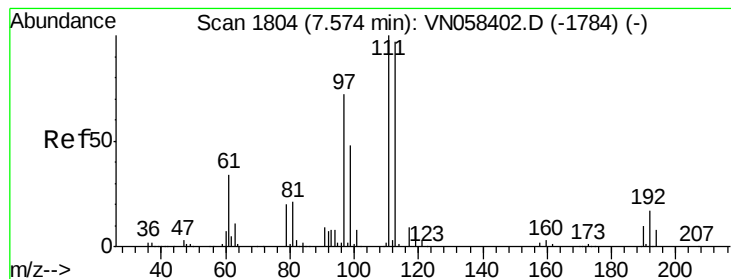
Tgt Ion: 65 Resp: 274297
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058493.D
 Acq: 2 Oct 2019 22:34

Tgt Ion: 114 Resp: 615252
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.0
 88 15.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.444 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

20190828-COMPOSITE-D

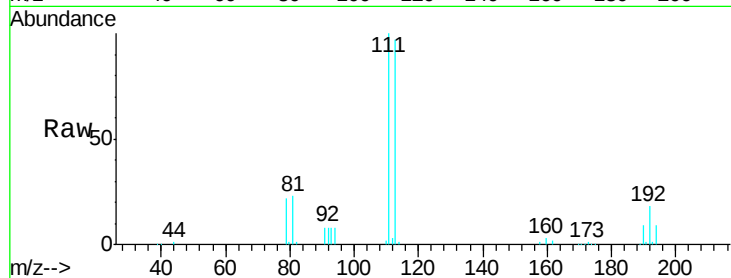
Tgt Ion:113 Resp: 190214

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

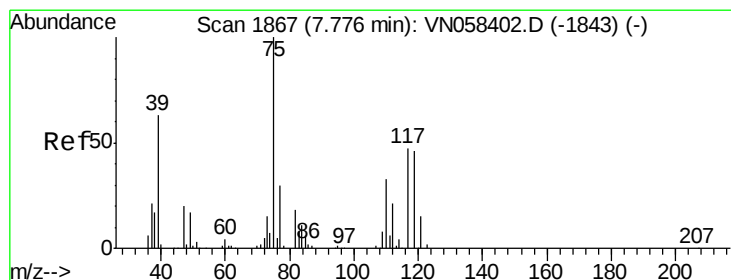
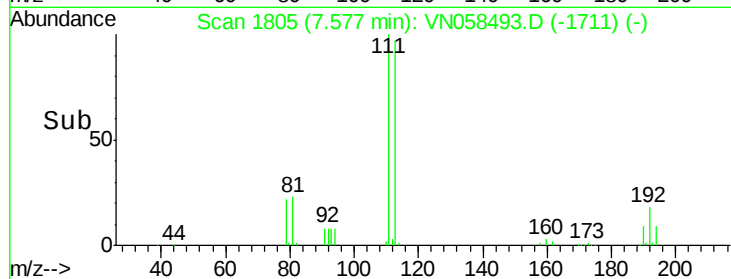
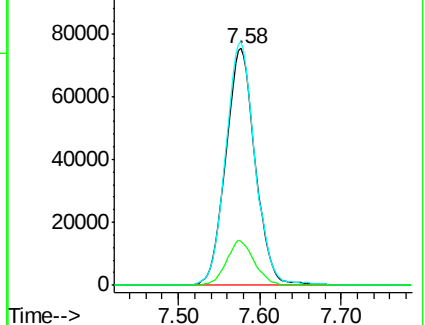
192 17.8 14.9 22.3



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: 5.594 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

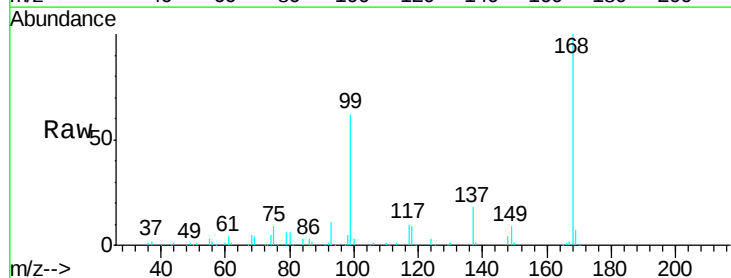
Tgt Ion: 75 Resp: 32908

Ion Ratio Lower Upper

75 100

110 9.0 16.4 49.2#

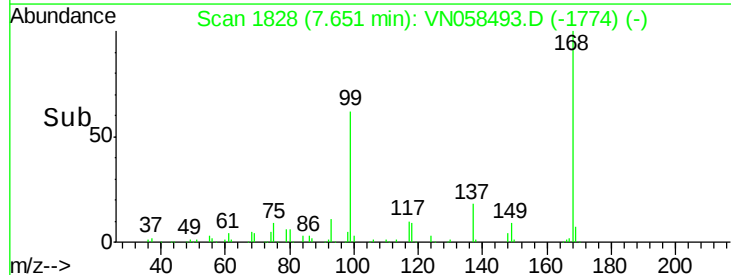
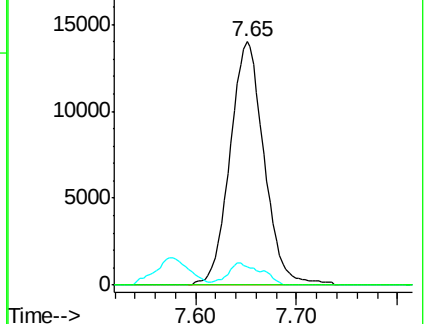
77 0.0 24.3 36.5#

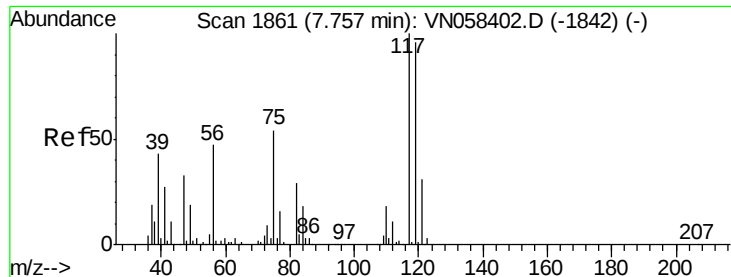


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

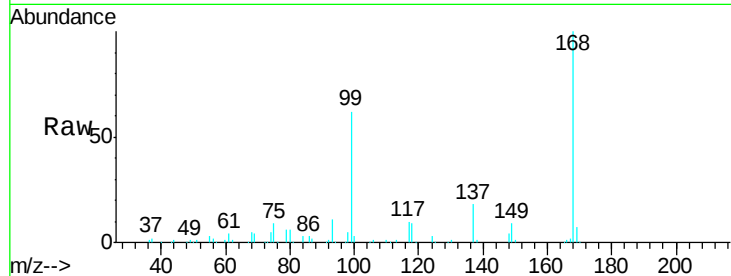




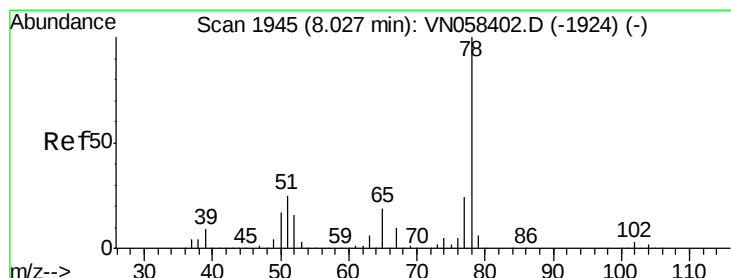
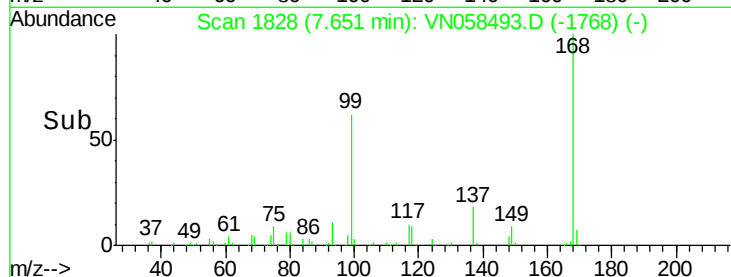
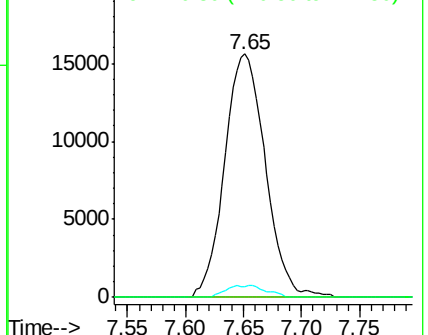
#38
Carbon Tetrachloride
Concen: 7.173 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Instrument :
MSVOA_N
ClientSampleId :
20190828-COMPOSITE-D

Tgt Ion:117 Resp: 38091
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 24.7 37.1#

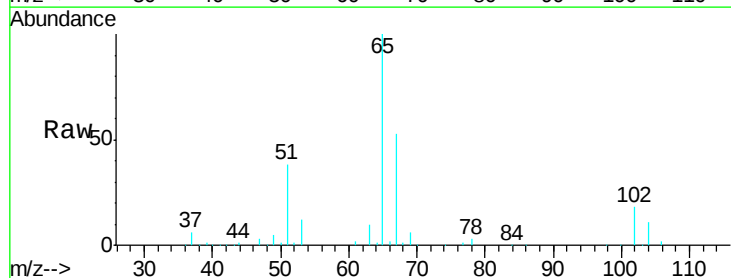


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

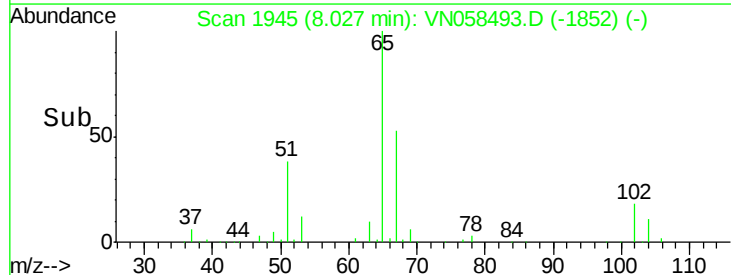
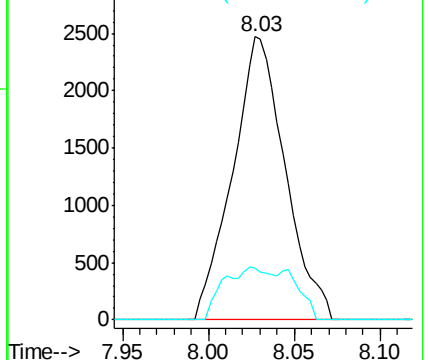


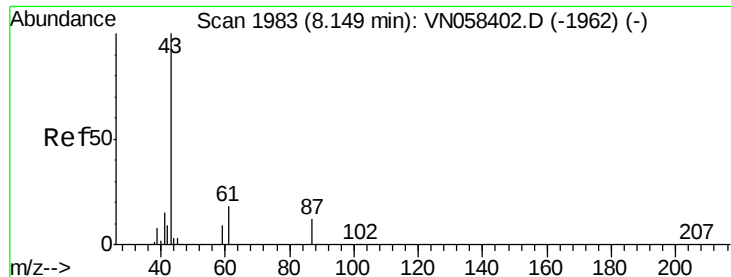
#40
Benzene
Concen: 0.310 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Tgt Ion: 78 Resp: 5249
Ion Ratio Lower Upper
78 100
77 18.3 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

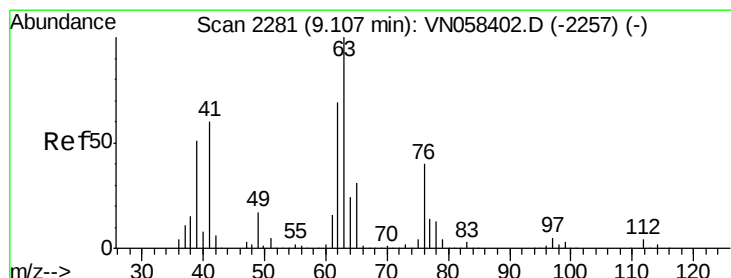
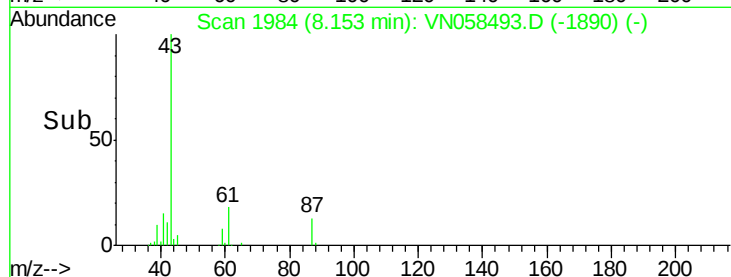
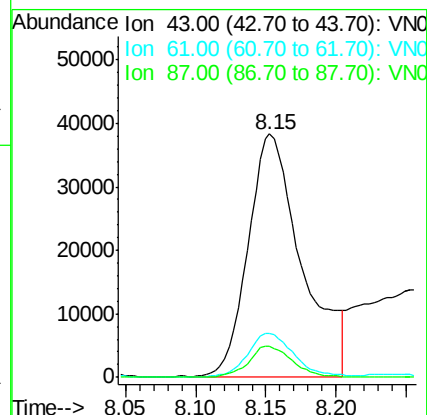
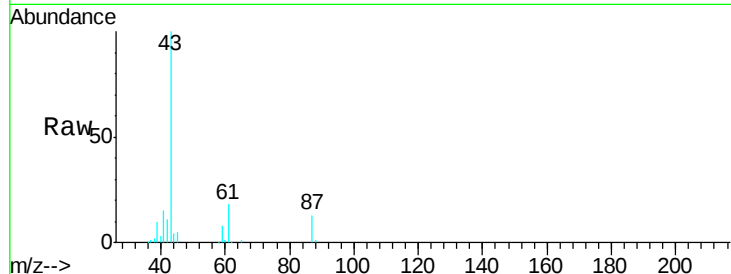




#43
Isopropyl Acetate
Concen: 10.905 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

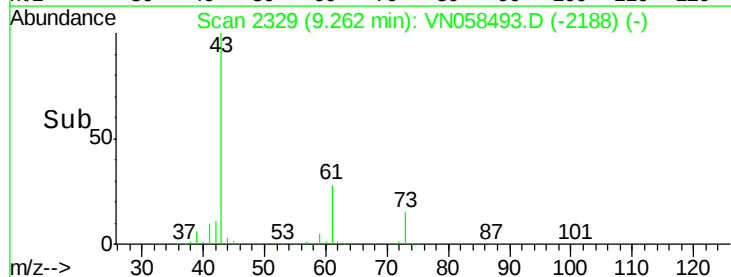
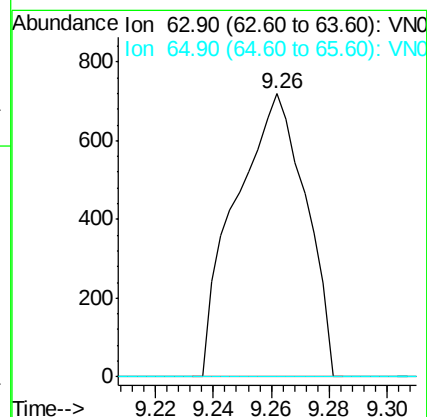
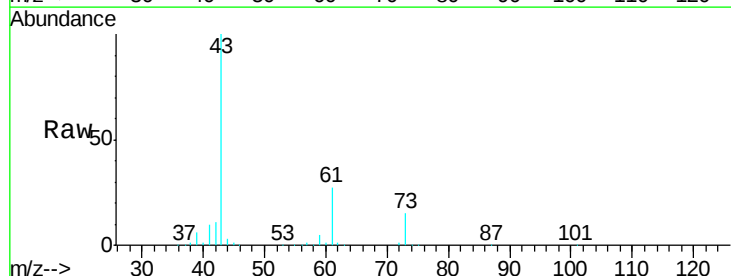
Instrument :
MSVOA_N
ClientSampleId :
20190828-COMPOSITE-D

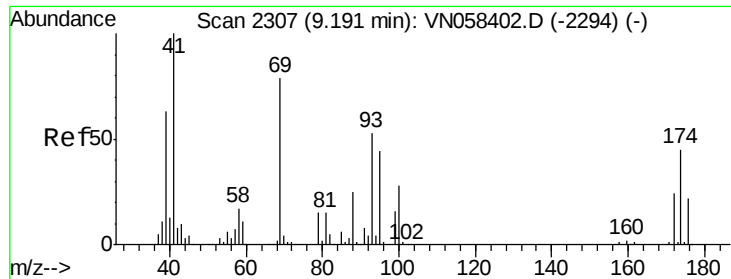
Tgt Ion: 43 Resp: 102281
Ion Ratio Lower Upper
43 100
61 15.6 14.8 22.2
87 10.3 9.7 14.5



#45
1,2-Dichloropropane
Concen: 0.265 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.15 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Tgt Ion: 63 Resp: 1204
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#





#48

Methyl methacrylate

Concen: 1.440 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.02 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

20190828-COMPOSITE-D

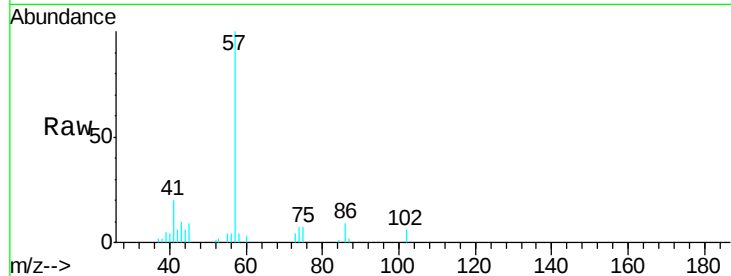
Tgt Ion: 41 Resp: 6148

Ion Ratio Lower Upper

41 100

69 0.0 64.7 97.1#

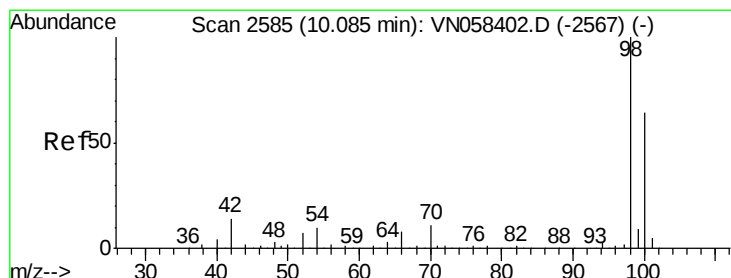
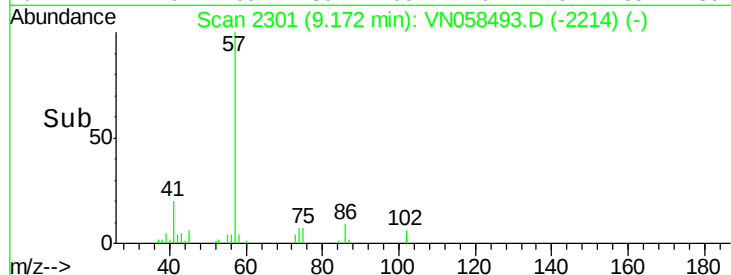
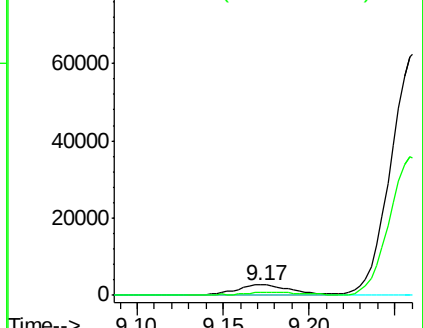
39 0.0 52.9 79.3#



Abundance Ion 41.00 (40.70 to 41.70): VN058402.D (-2294) (-)

Ion 69.00 (68.70 to 69.70): VN058402.D (-2294) (-)

Ion 39.00 (38.70 to 39.70): VN058402.D (-2294) (-)



#50

Toluene-d8

Concen: 51.997 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058493.D

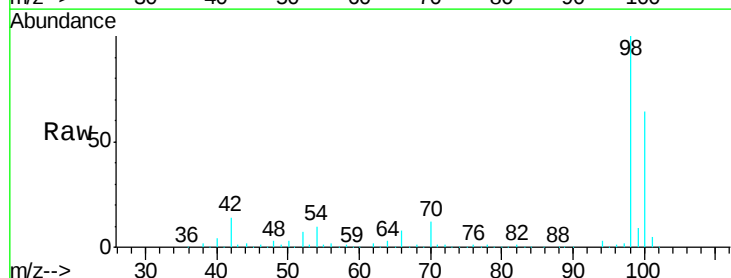
Acq: 2 Oct 2019 22:34

Tgt Ion: 98 Resp: 768090

Ion Ratio Lower Upper

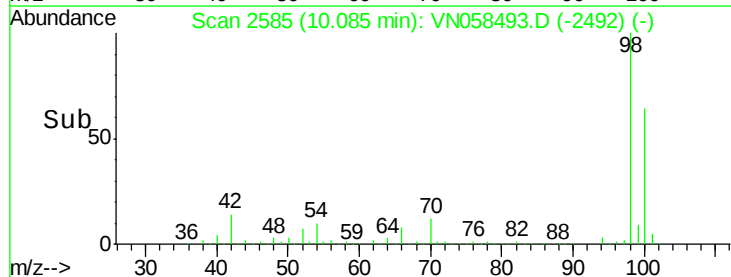
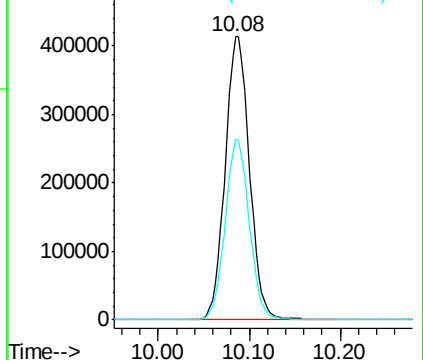
98 100

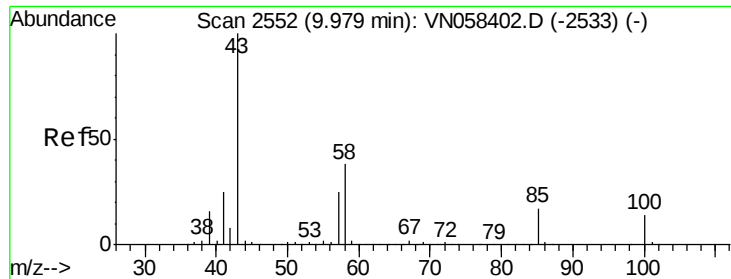
100 63.4 51.0 76.6



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

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





#51

4-Methyl-2-Pentanone

Concen: 1.439 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

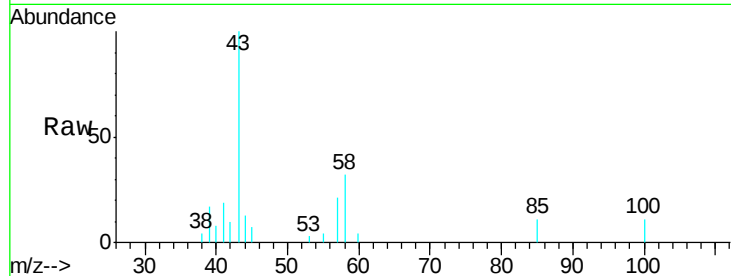
20190828-COMPOSITE-D

Tgt Ion: 43 Resp: 6934

Ion Ratio Lower Upper

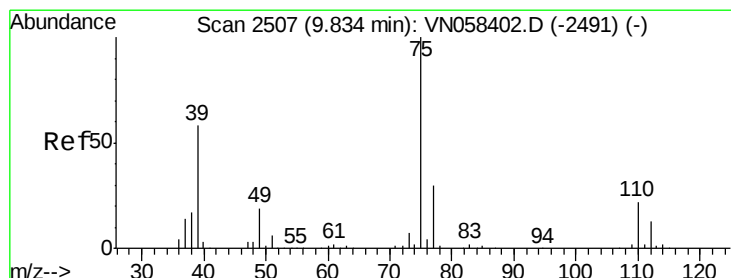
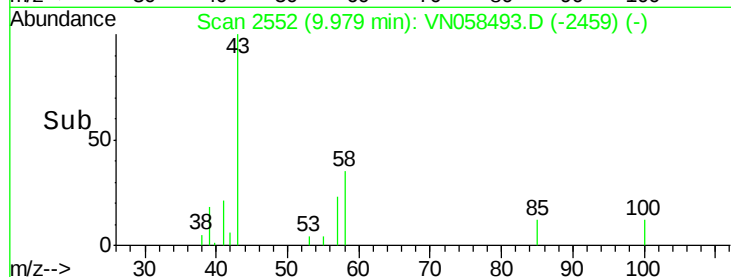
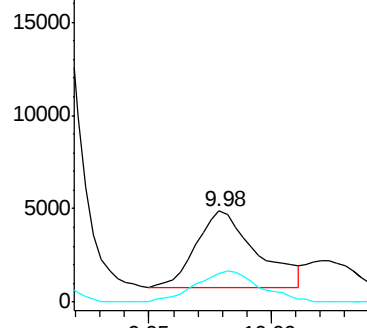
43 100

58 43.7 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.349 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

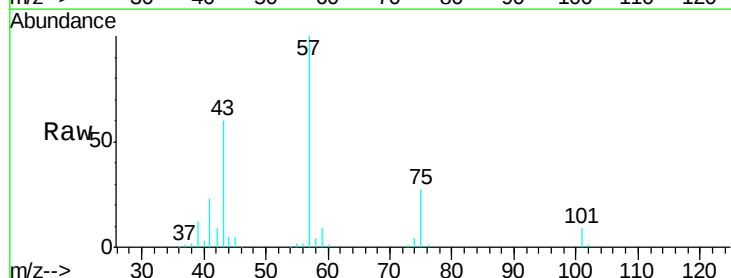
Tgt Ion: 75 Resp: 35166

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.4#

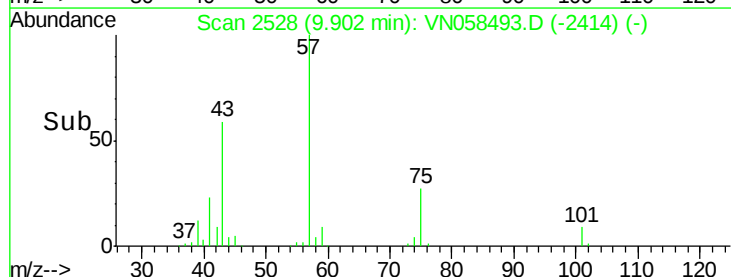
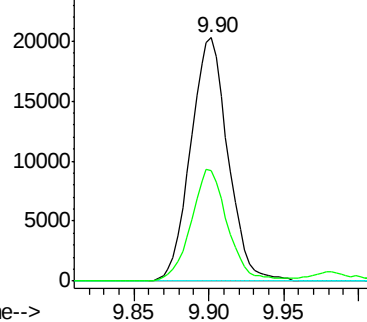
39 45.3 46.4 69.6#

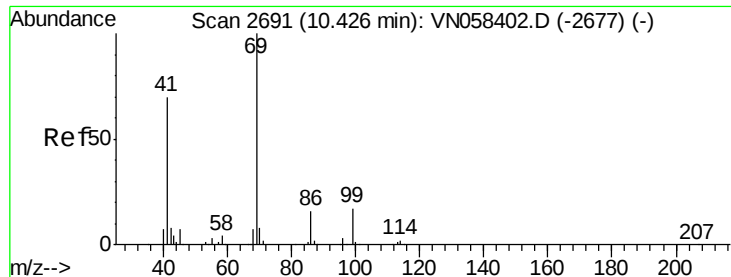


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.295 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

20190828-COMPOSITE-D

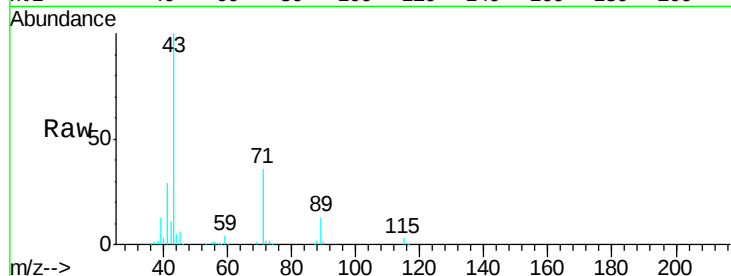
Tgt Ion: 69 Resp: 1732

Ion Ratio Lower Upper

69 100

41 5126.1 56.3 84.5#

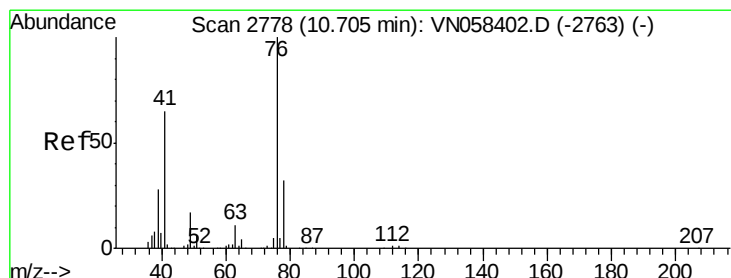
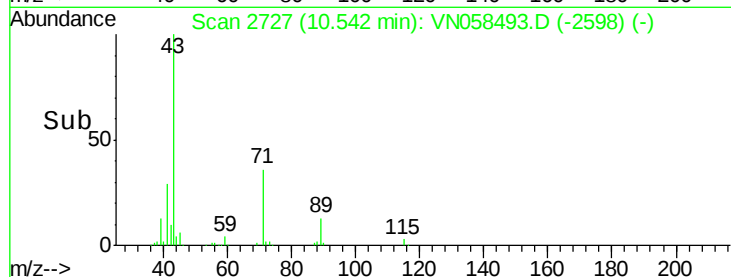
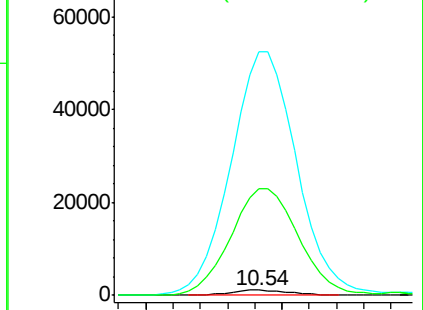
39 2303.1 35.8 53.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.760 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN058493.D

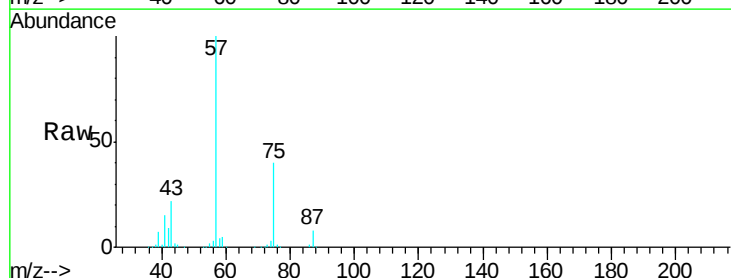
Acq: 2 Oct 2019 22:34

Tgt Ion: 76 Resp: 5256

Ion Ratio Lower Upper

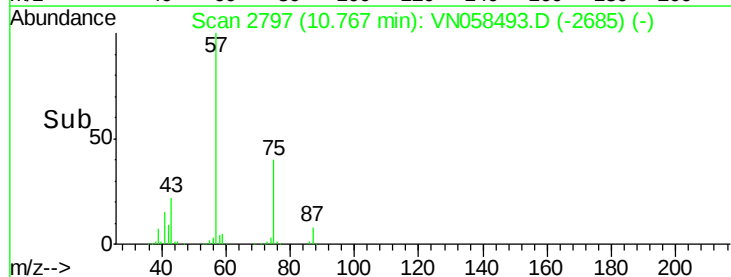
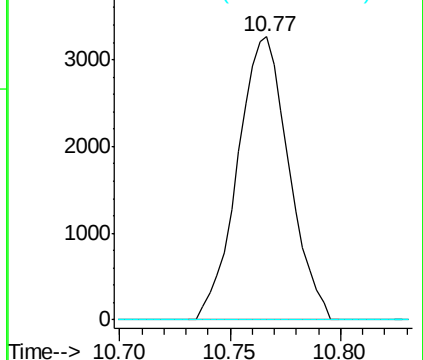
76 100

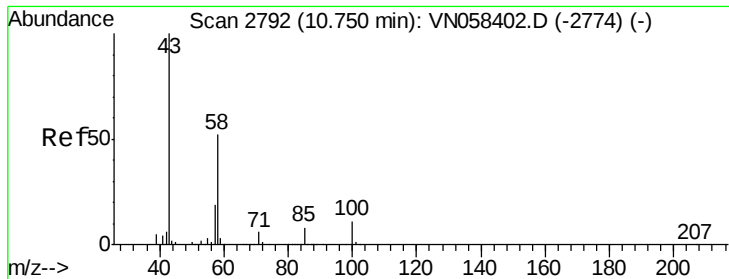
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

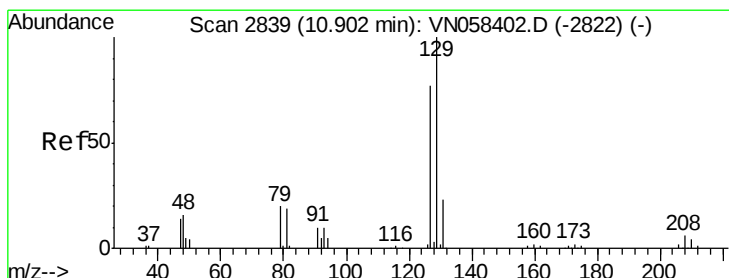
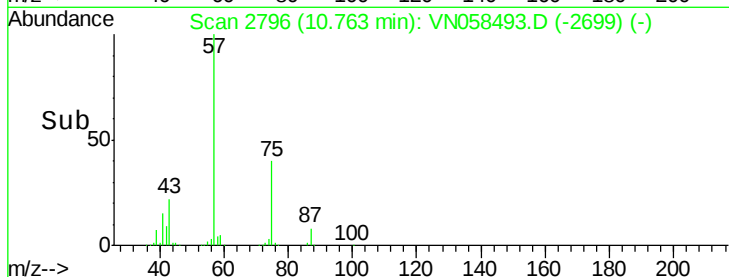
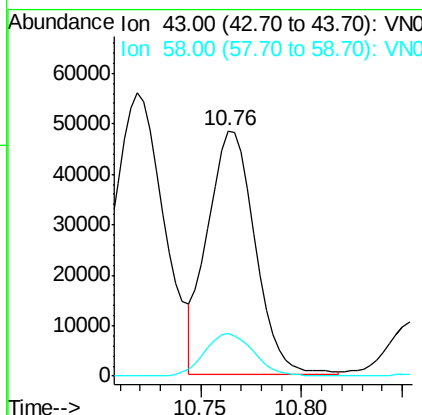
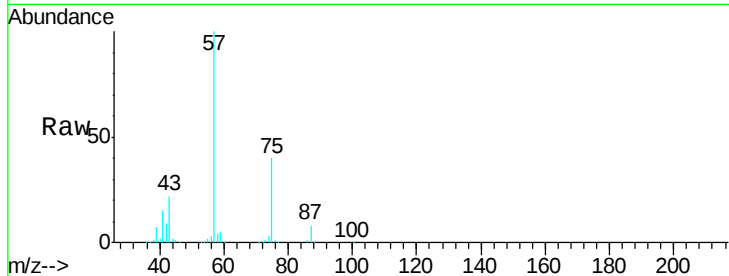




#59
2-Hexanone
Concen: 22.302 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

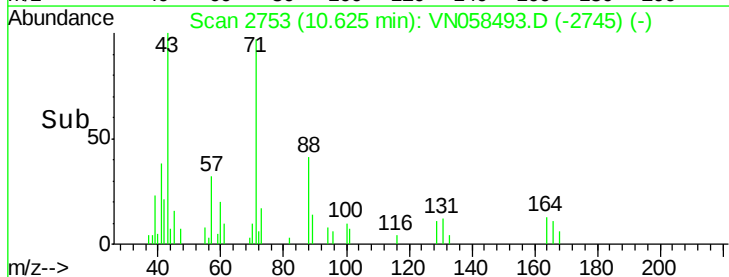
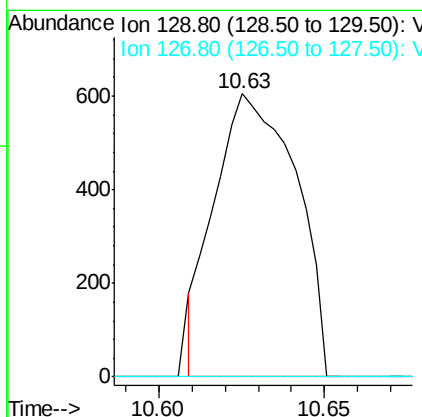
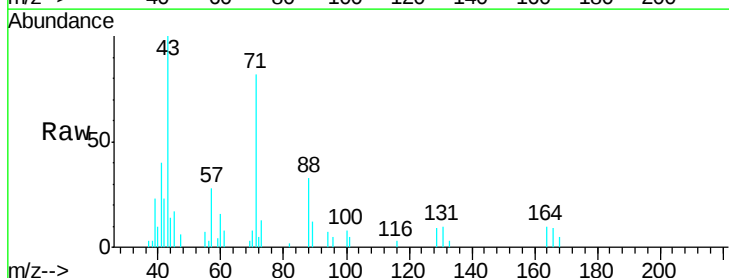
Instrument :
MSVOA_N
ClientSampleId :
20190828-COMPOSITE-D

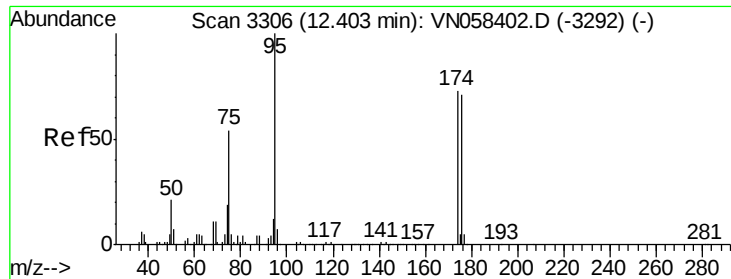
Tgt Ion: 43 Resp: 78238
Ion Ratio Lower Upper
43 100
58 18.4 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 10.63 min Scan# 2753
Delta R.T. -0.28 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Tgt Ion: 129 Resp: 1035
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 44.687 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

20190828-COMPOSITE-D

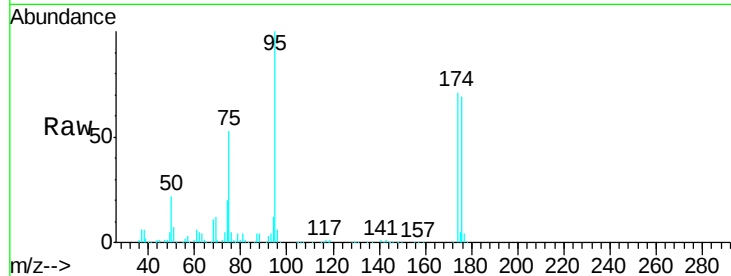
Tgt Ion: 95 Resp: 238683

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.6

176 70.8 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

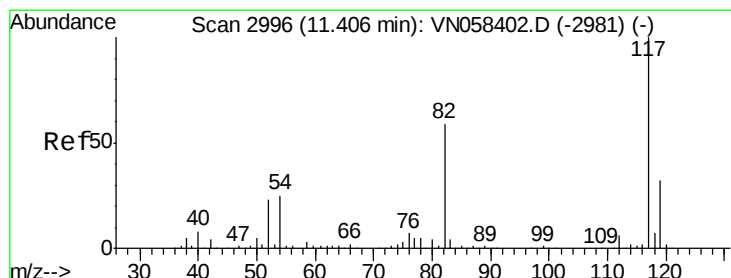
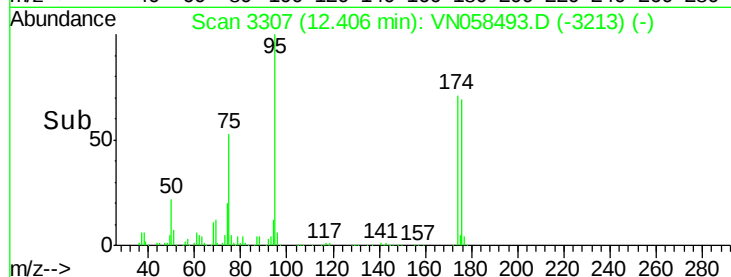
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

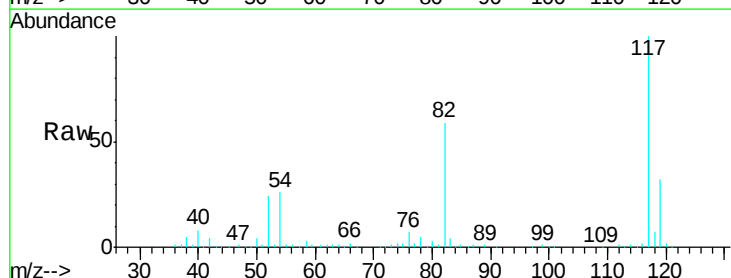
Tgt Ion: 117 Resp: 529531

Ion Ratio Lower Upper

117 100

82 59.4 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

400000

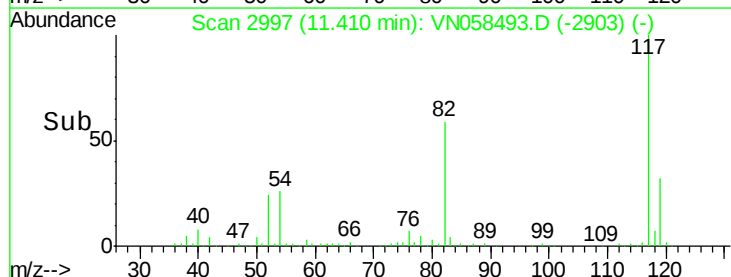
300000

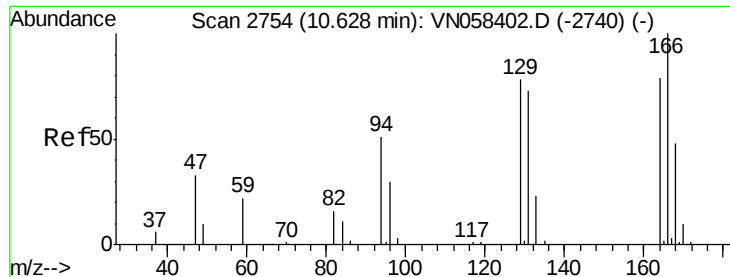
200000

100000

0

Time-->

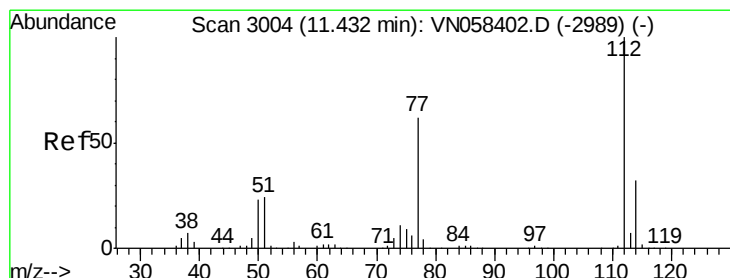
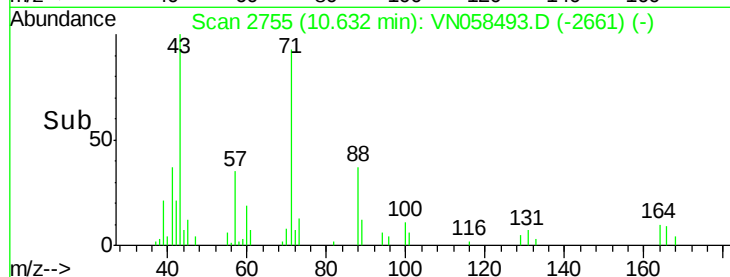
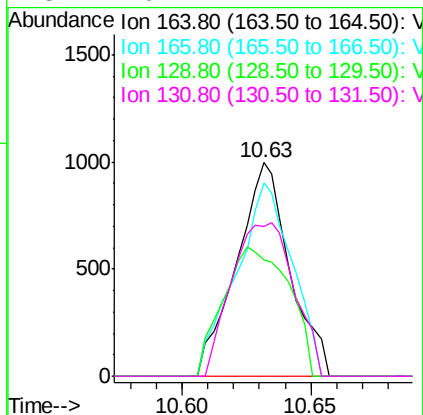
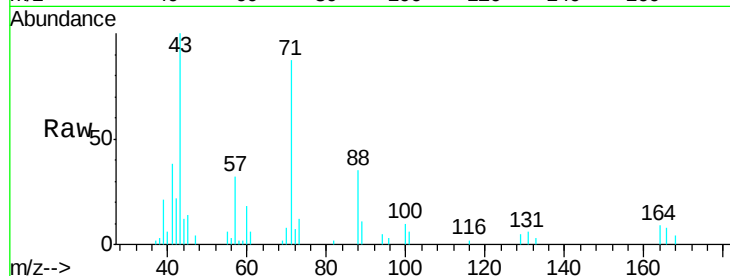




#64
Tetrachloroethene
Concen: 0.427 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

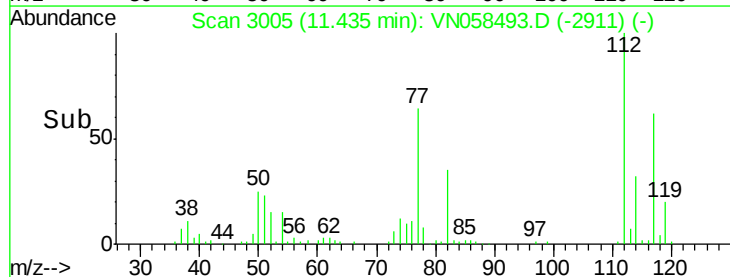
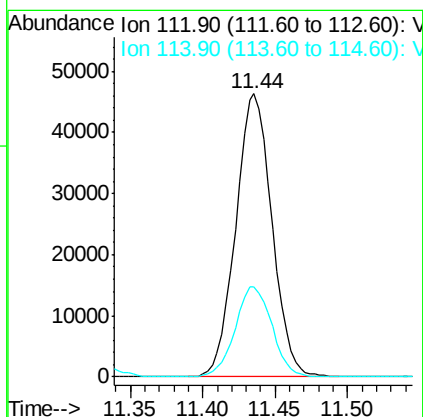
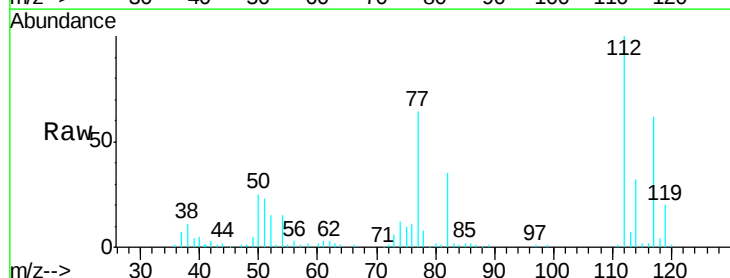
Instrument :
MSVOA_N
ClientSampleId :
20190828-COMPOSITE-D

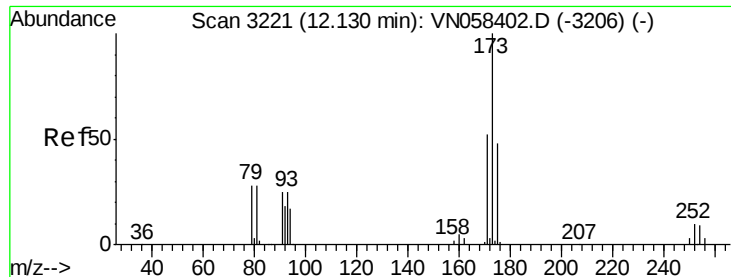
Tgt Ion:164 Resp: 1437
Ion Ratio Lower Upper
164 100
166 90.8 101.1 151.7#
129 54.7 79.2 118.8#
131 70.1 74.1 111.1#



#65
Chlorobenzene
Concen: 7.627 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Tgt Ion:112 Resp: 80281
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2





#71

Bromoform

Concen: 0.749 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

20190828-COMPOSITE-D

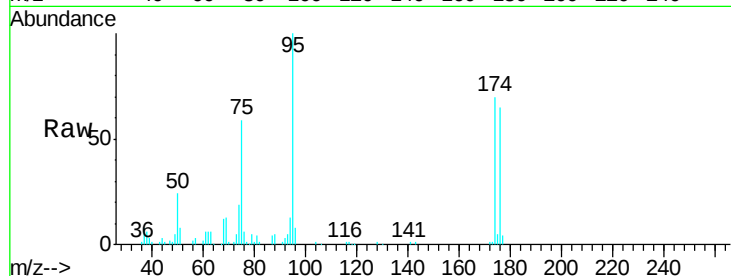
Tgt Ion:173 Resp: 134

Ion Ratio Lower Upper

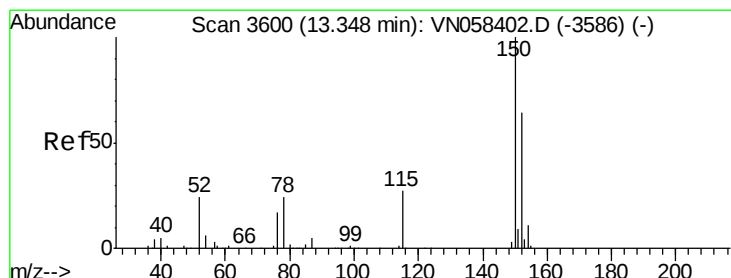
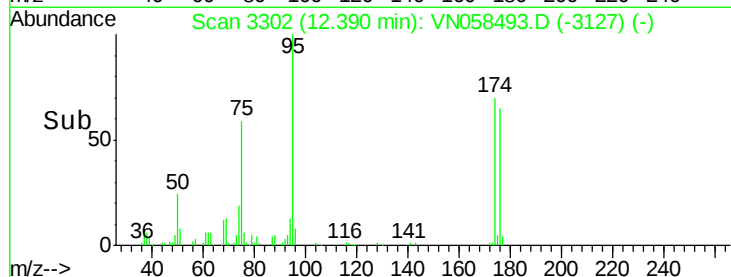
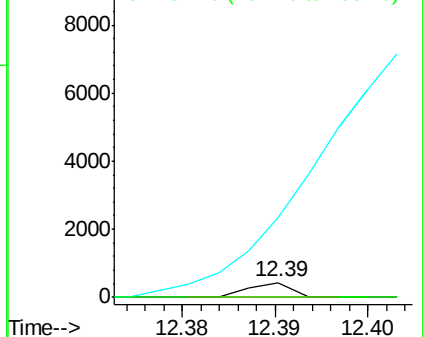
173 100

175 7891.8 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: VN058493.D

Acq: 2 Oct 2019 22:34

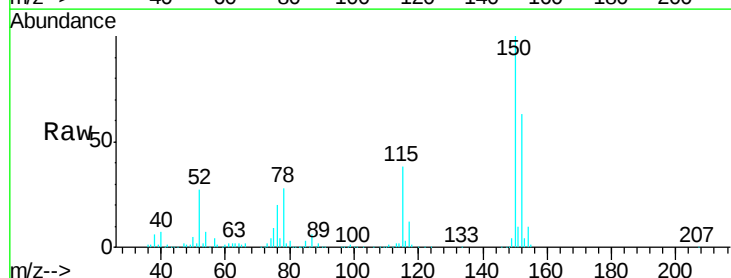
Tgt Ion:152 Resp: 193665

Ion Ratio Lower Upper

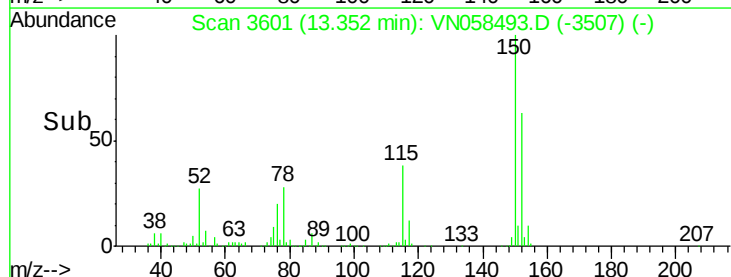
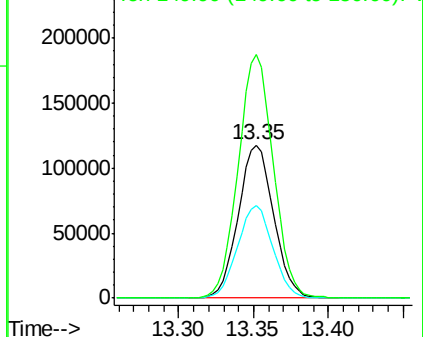
152 100

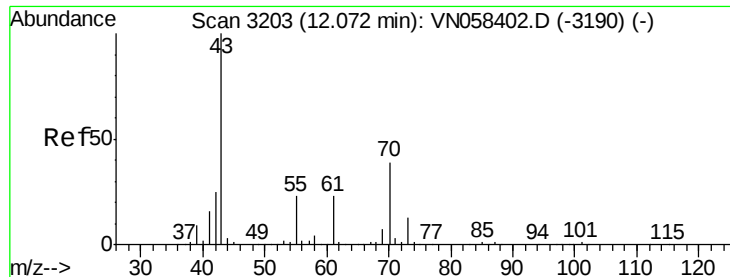
115 60.9 30.0 90.0

150 158.3 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: 1.102 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

20190828-COMPOSITE-D

Tgt Ion: 43 Resp: 6277

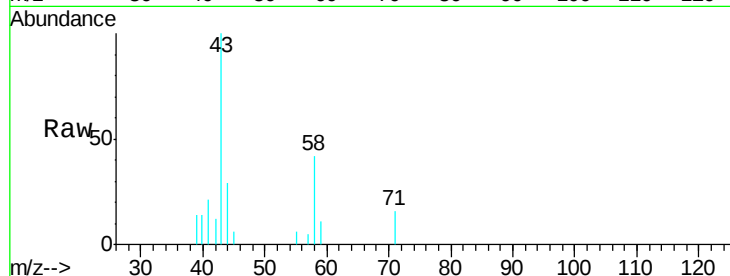
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 4.9 18.2 27.4#

61 0.0 18.3 27.5#

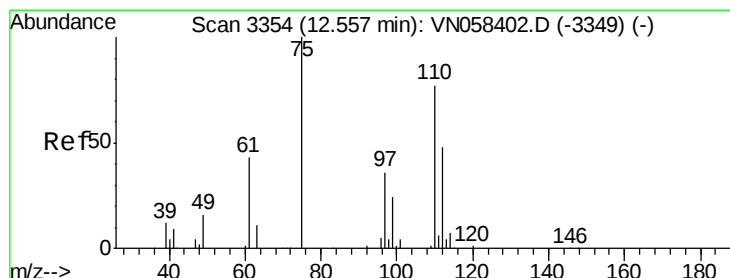
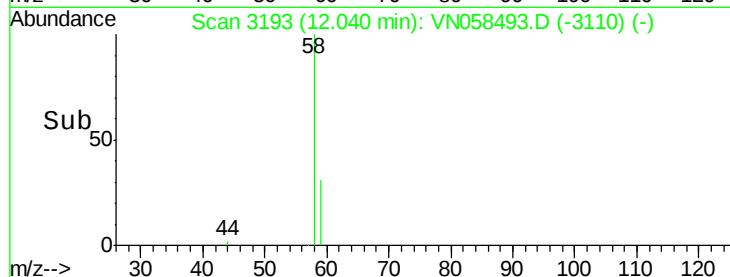
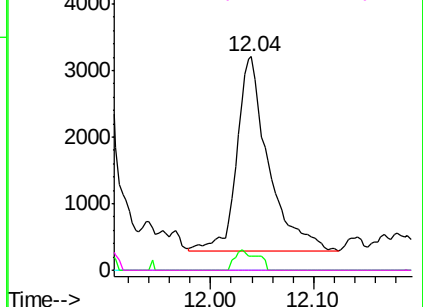


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 36.698 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058493.D

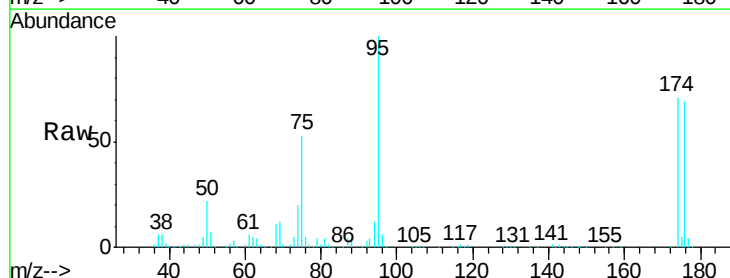
Acq: 2 Oct 2019 22:34

Tgt Ion: 75 Resp: 129812

Ion Ratio Lower Upper

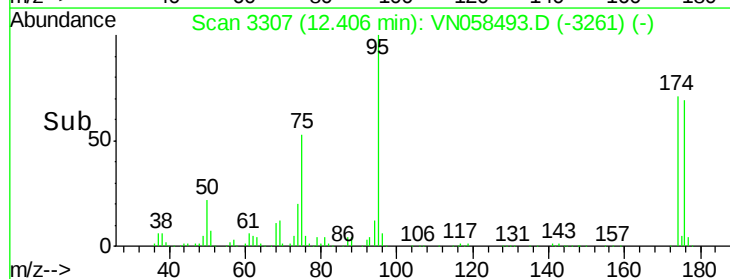
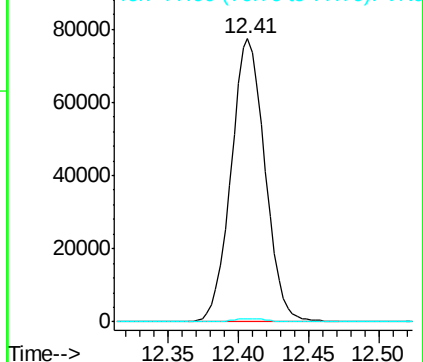
75 100

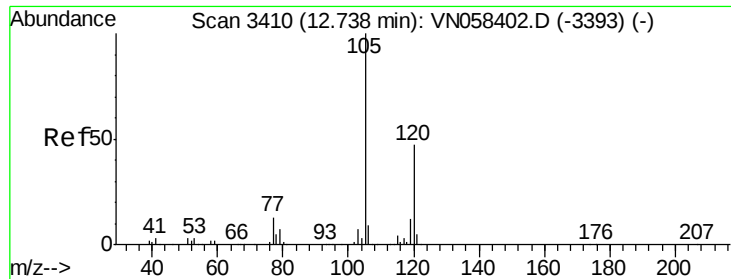
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

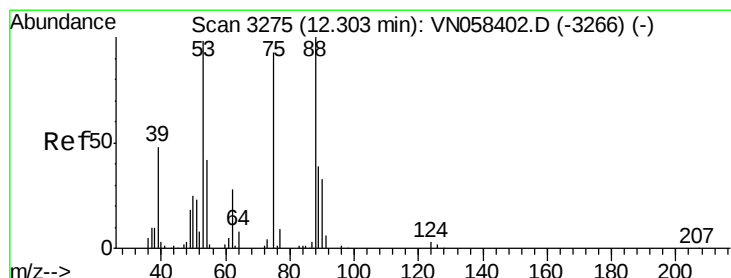
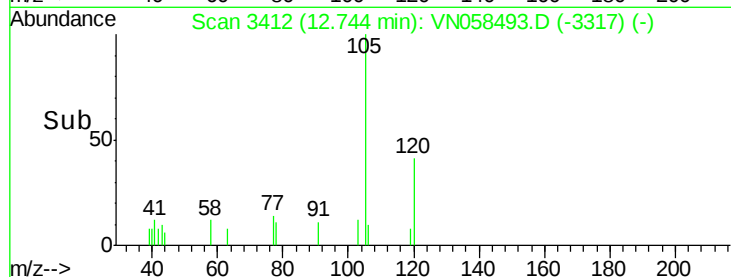
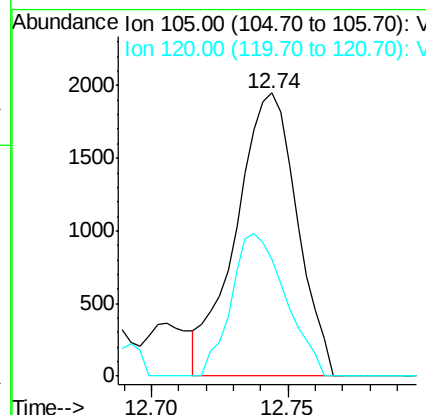
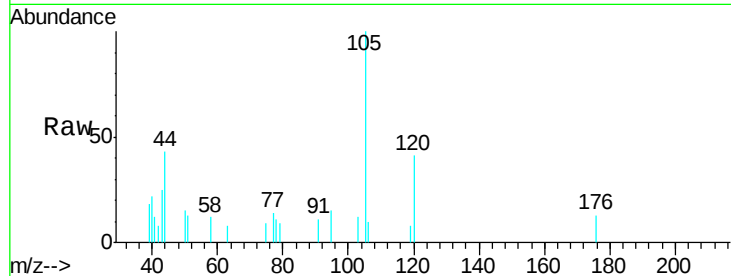




#80
 1,3,5-Trimethylbenzene
 Concen: 0.253 ug/l
 RT: 12.74 min Scan# 3412
 Delta R.T. 0.01 min
 Lab File: VN058493.D
 Acq: 2 Oct 2019 22:34

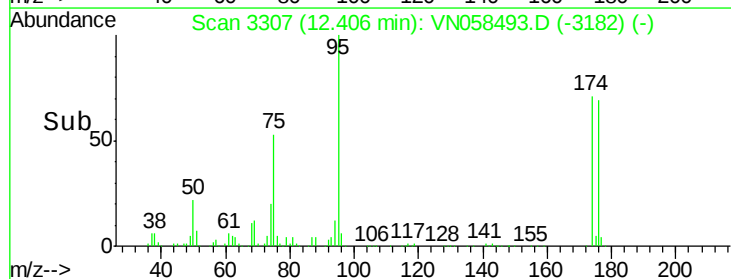
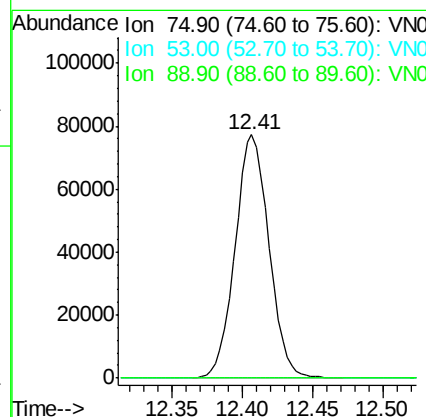
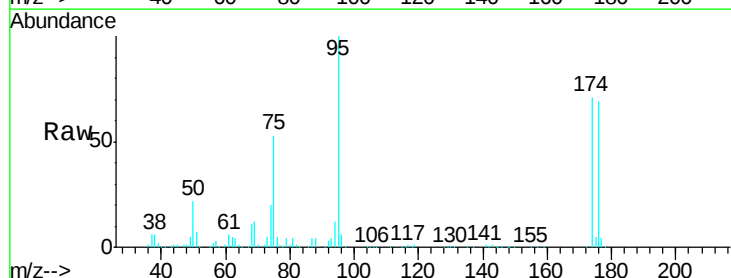
Instrument :
 MSVOA_N
 ClientSampleId :
 20190828-COMPOSITE-D

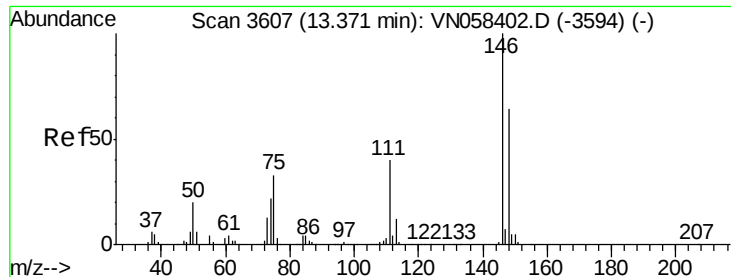
Tgt Ion: 105 Resp: 3033
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.456 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058493.D
 Acq: 2 Oct 2019 22:34

Tgt Ion: 75 Resp: 129812
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.0#
 89 0.0 35.0 52.4#





#88

1,4-Dichlorobenzene

Concen: 0.371 ug/l

RT: 13.37 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

20190828-COMPOSITE-D

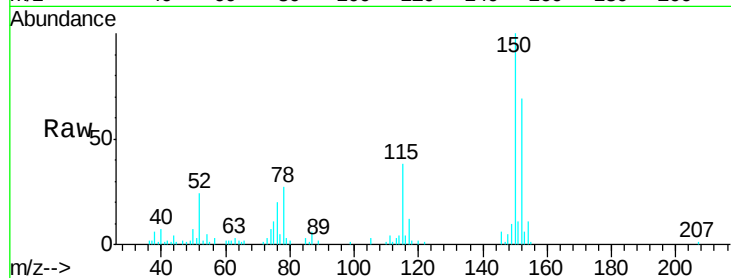
Tgt Ion:146 Resp: 2249

Ion Ratio Lower Upper

146 100

111 174.8 20.5 61.6#

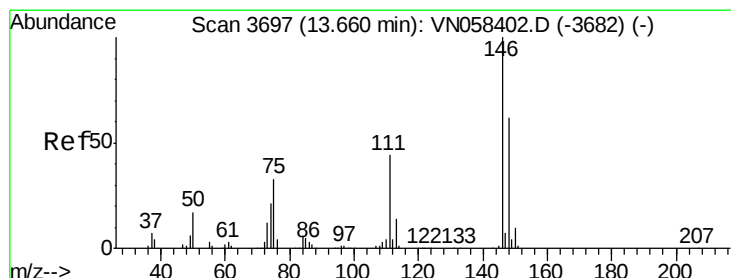
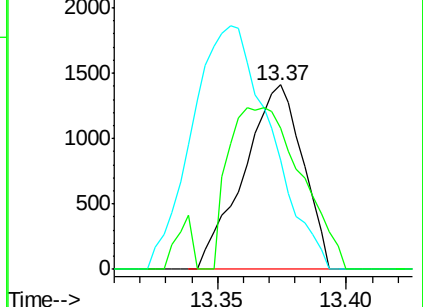
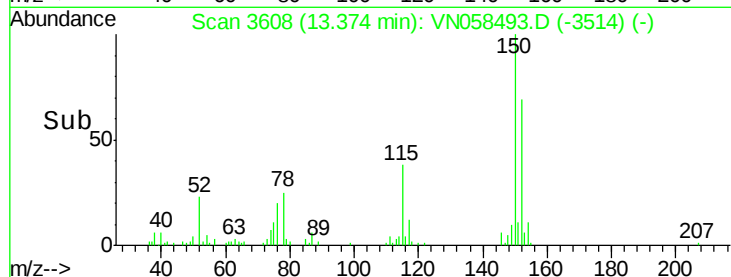
148 108.2 31.5 94.5#



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



#91

1,2-Dichlorobenzene

Concen: 0.213 ug/l

RT: 13.67 min Scan# 3699

Delta R.T. 0.01 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

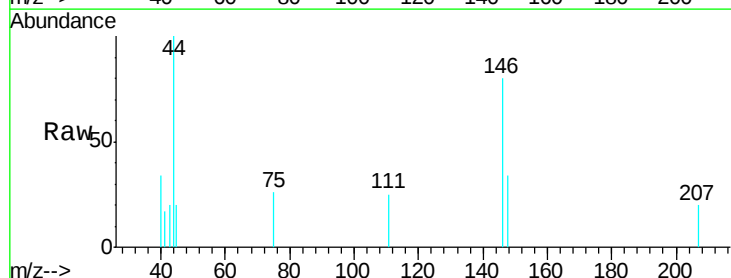
Tgt Ion:146 Resp: 1246

Ion Ratio Lower Upper

146 100

111 28.3 21.8 65.3

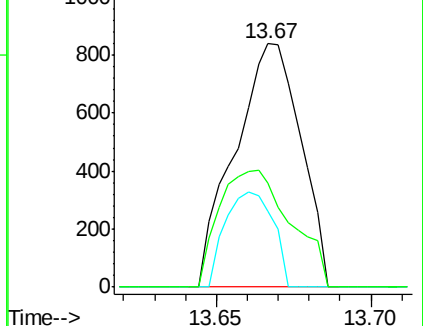
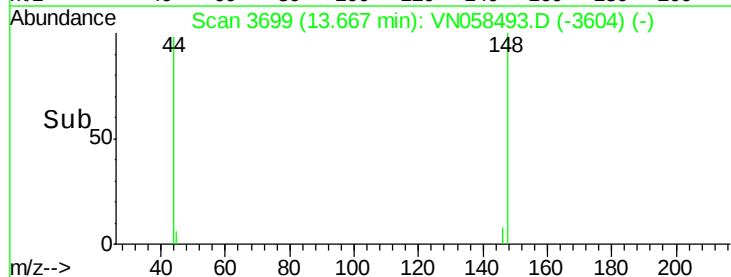
148 52.1 31.5 94.5

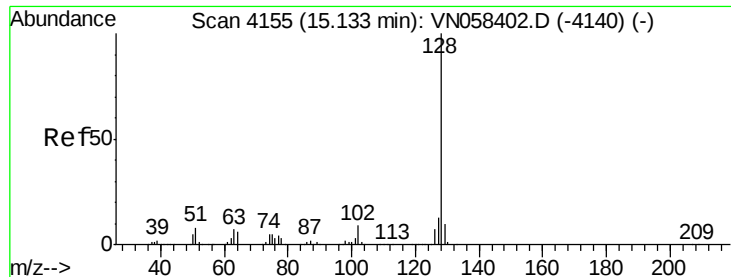


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#95

Naphthalene

Concen: 0.451 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN058493.D

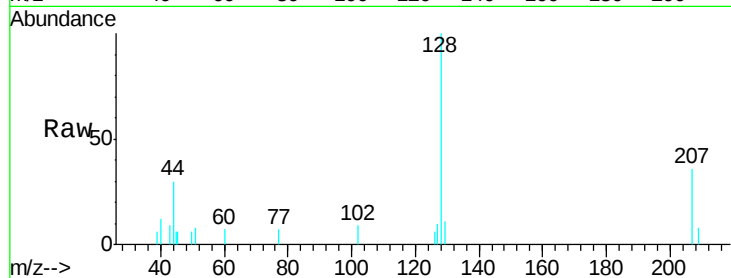
Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:	128	Resp:	4537
Ion	Ratio	Lower	Upper
128	100		
127	9.8	10.2	15.4#
129	7.9	8.3	12.5#

