

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058496.D
 Acq On : 2 Oct 2019 23:41
 Operator : JC/SP
 Sample : K5131-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190831-COMPOSITE-G

Quant Time: Oct 03 05:16:44 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	365718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	618571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	529073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193439	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	275920	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
35) Dibromofluoromethane	7.58	113	190537	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
50) Toluene-d8	10.09	98	777056	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.41	95	239515	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	152	0.256	ug/l #	71
14) Allyl chloride	4.53	41	21754	3.465	ug/l #	20
16) Acetone	3.80	43	80804	44.353	ug/l	97
17) Carbon Disulfide	4.03	76	3962	0.436	ug/l #	74
18) Methyl Acetate	4.32	43	3811	0.832	ug/l #	88
20) Methylene Chloride	4.53	84	625894	148.869	ug/l	99
25) 2-Butanone	6.83	43	15423	6.166	ug/l	98
29) Tetrahydrofuran	7.20	42	404	0.254	ug/l #	34
31) Cyclohexane	7.65	56	9725	1.315	ug/l #	16
36) 1,1-Dichloropropene	7.65	75	31718	5.363	ug/l #	52
37) Ethyl Acetate	6.83	43	15423	3.076	ug/l #	70
38) Carbon Tetrachloride	7.65	117	38697	7.248	ug/l #	15
43) Isopropyl Acetate	8.15	43	81284	8.620	ug/l	97
45) 1,2-Dichloropropane	9.26	63	1398	0.307	ug/l #	43
48) Methyl methacrylate	9.17	41	5335	1.242	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	6918	1.428	ug/l #	84
54) cis-1,3-Dichloropropene	9.90	75	31432	4.755	ug/l #	67
56) Ethyl methacrylate	10.55	69	1784	0.302	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	4639	0.667	ug/l #	43
59) 2-Hexanone	10.77	43	71426	20.251	ug/l #	54
60) Dibromochloromethane	11.17	129	71	Below Cal	#	11
64) Tetrachloroethene	10.64	164	940	0.280	ug/l	91
68) m/p-Xylenes	11.62	106	10491	1.464	ug/l	100
69) o-Xylene	11.96	106	5464	0.792	ug/l	85
71) Bromoform	12.41	173	847	1.036	ug/l #	1
74) N-amyl acetate	12.04	43	5421	0.953	ug/l #	45
76) 1,2,3-Trichloropropane	12.41	75	133071	37.663	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	6928	0.579	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.41	75	133071	114.388	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	21176	1.766	ug/l	87
85) sec-Butylbenzene	13.05	105	21176	1.593	ug/l #	58
91) 1,2-Dichlorobenzene	13.66	146	2240	0.384	ug/l	91
95) Naphthalene	15.14	128	13959	1.449	ug/l	96

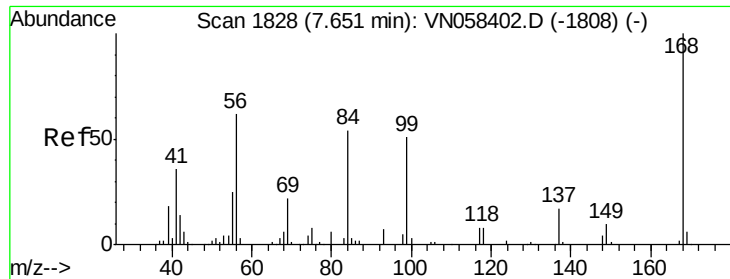
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
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QLast Update : Mon Sep 30 08:07:38 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

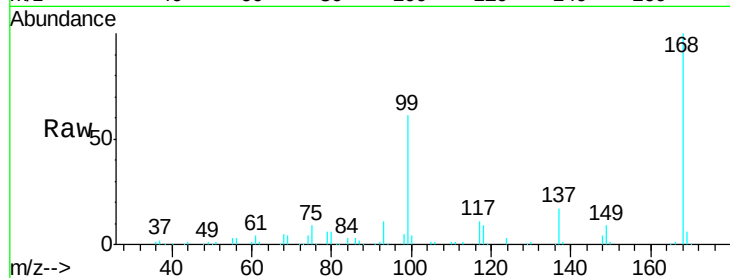
20190831-COMPOSITE-G

Tgt Ion:168 Resp: 365718

Ion Ratio Lower Upper

168 100

99 60.6 47.7 71.5



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

Ion 98.90 (98.60 to 99.60): VN058402.D (-1808) (-)

7.65

150000

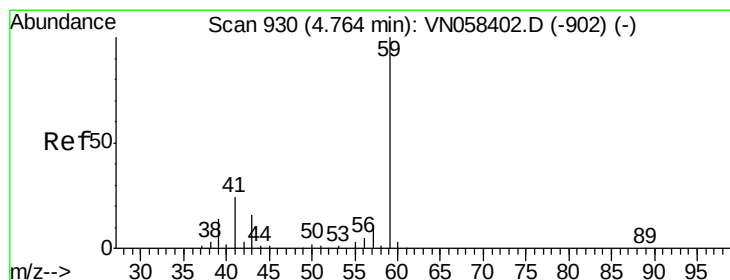
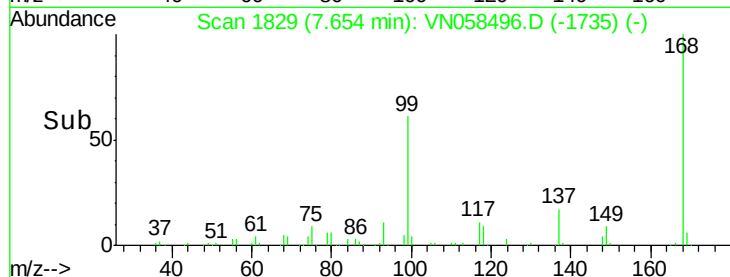
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.256 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.02 min

Lab File: VN058496.D

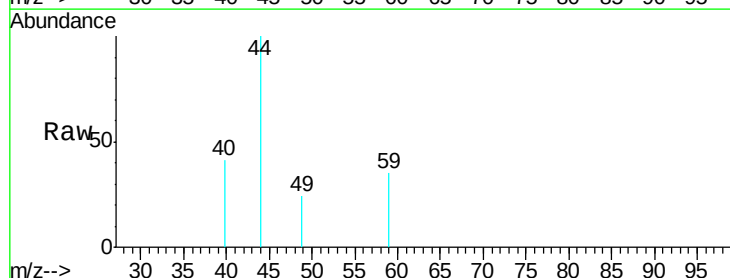
Acq: 2 Oct 2019 23:41

Tgt Ion: 59 Resp: 152

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN058402.D (-902) (-)

Ion 57.00 (56.70 to 57.70): VN058402.D (-902) (-)

4.78

250

200

150

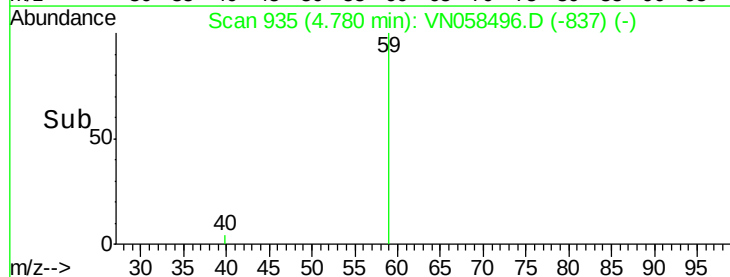
100

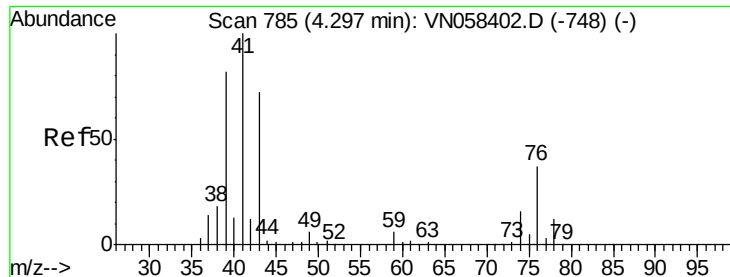
50

0

4.77 4.78 4.79

Time-->

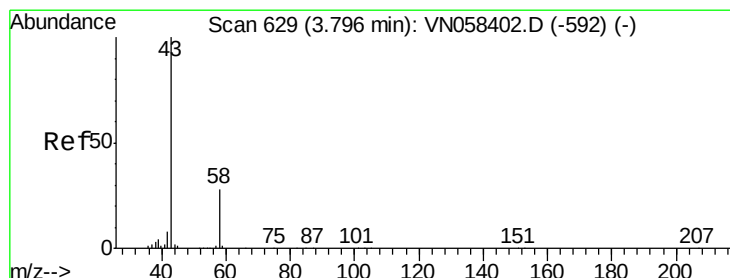
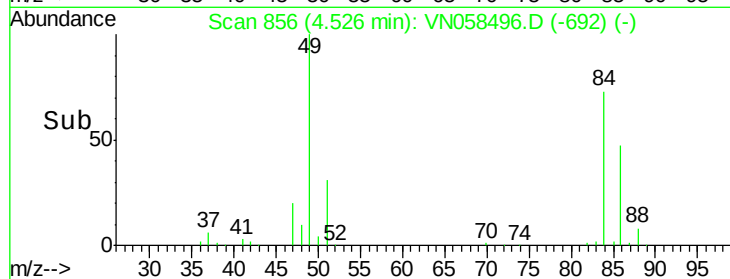
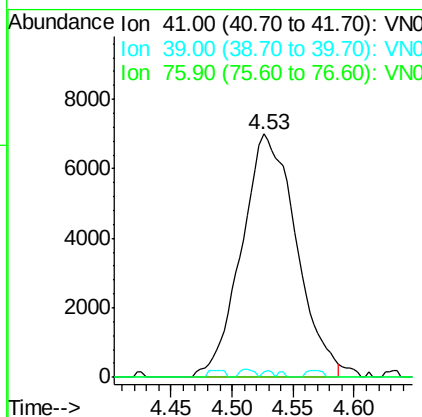
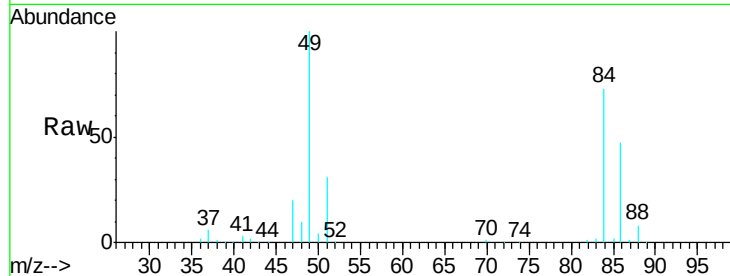




#14
 Allyl chloride
 Concen: 3.465 ug/l
 RT: 4.53 min Scan# 856
 Delta R.T. 0.23 min
 Lab File: VN058496.D
 Acq: 2 Oct 2019 23:41

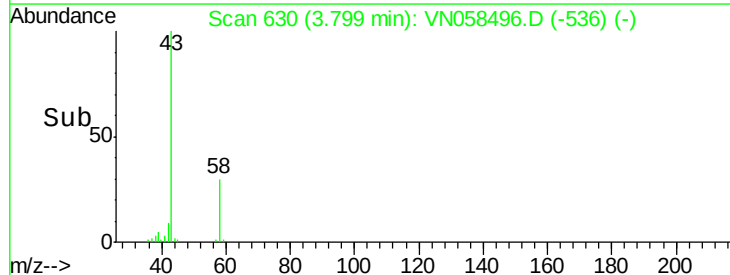
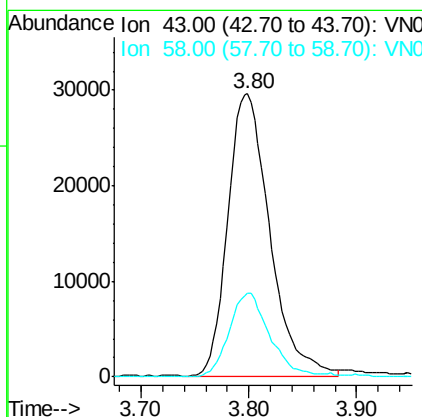
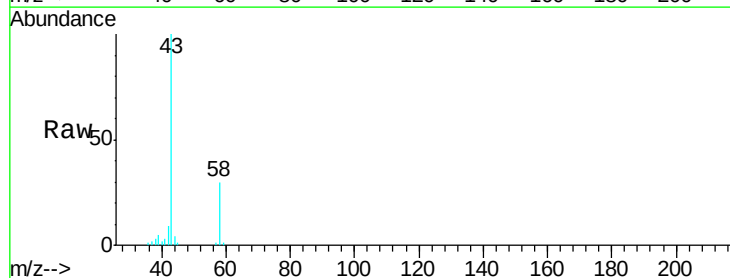
Instrument :
 MSVOA_N
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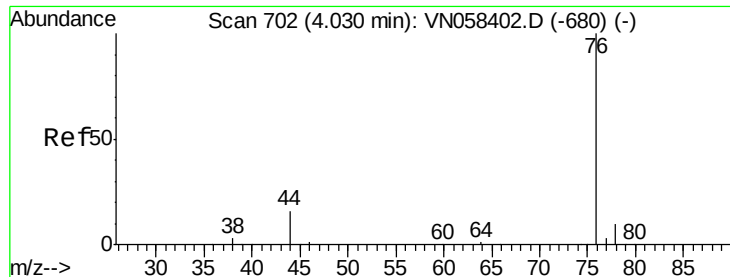
Tgt Ion: 41 Resp: 21754
 Ion Ratio Lower Upper
 41 100
 39 0.5 62.3 93.5#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 44.353 ug/l
 RT: 3.80 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VN058496.D
 Acq: 2 Oct 2019 23:41

Tgt Ion: 43 Resp: 80804
 Ion Ratio Lower Upper
 43 100
 58 29.8 22.4 33.6





#17

Carbon Disulfide

Concen: 0.436 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

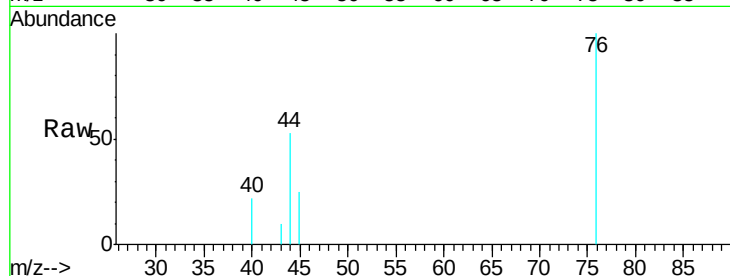
20190831-COMPOSITE-G

Tgt Ion: 76 Resp: 3962

Ion Ratio Lower Upper

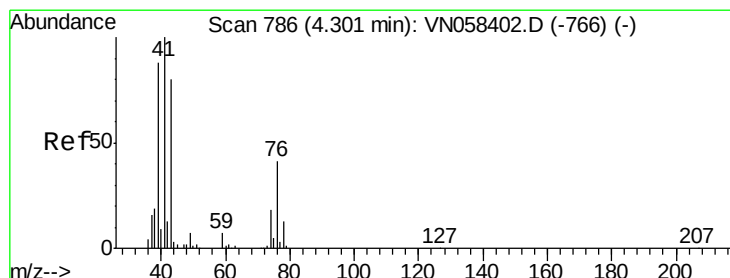
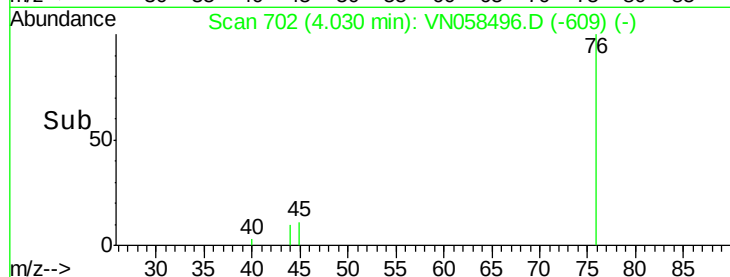
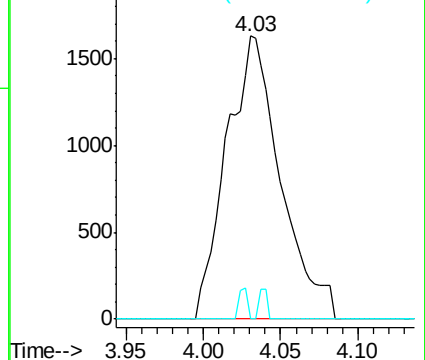
76 100

78 0.0 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: 0.832 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.02 min

Lab File: VN058496.D

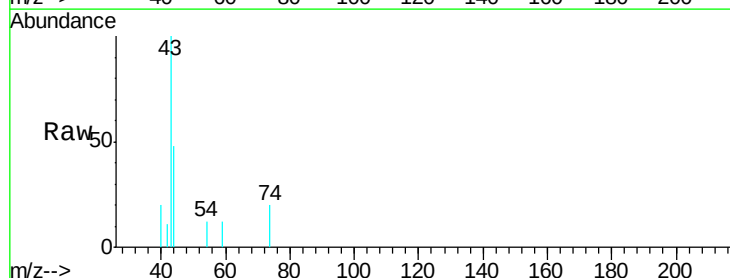
Acq: 2 Oct 2019 23:41

Tgt Ion: 43 Resp: 3811

Ion Ratio Lower Upper

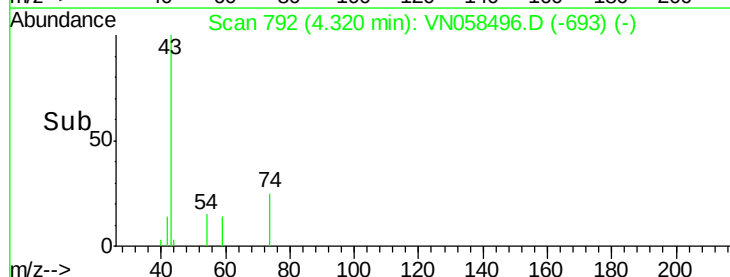
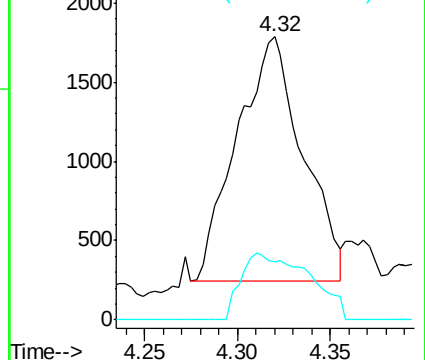
43 100

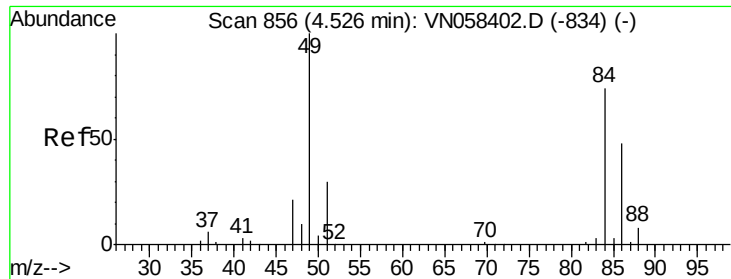
74 28.3 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

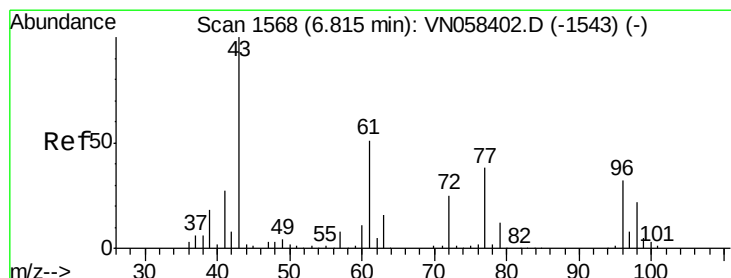
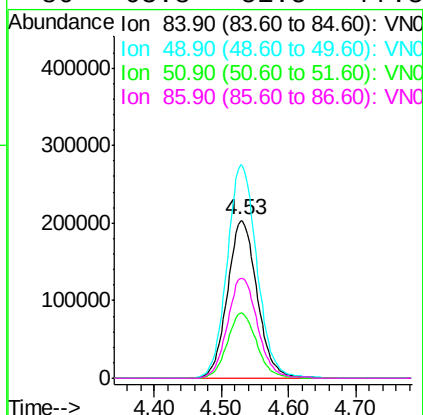
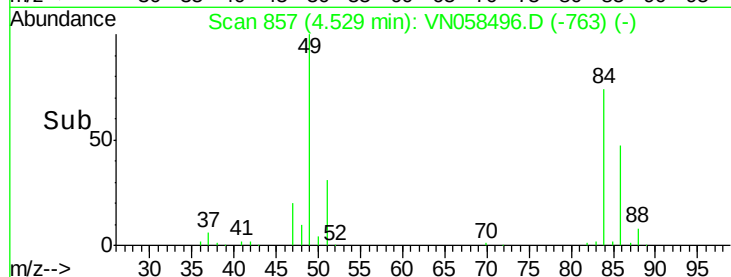
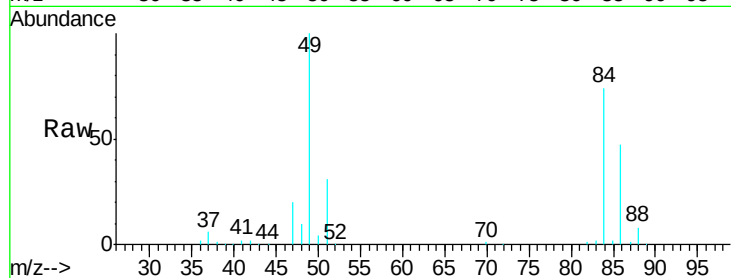




#20
Methylene Chloride
Concen: 148.869 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

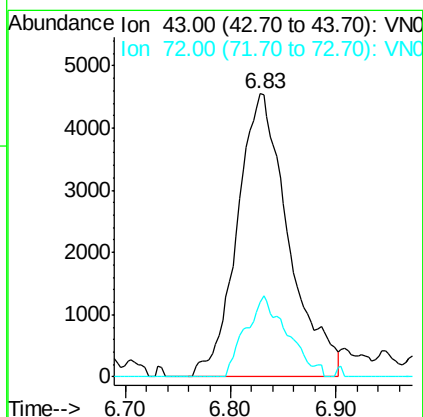
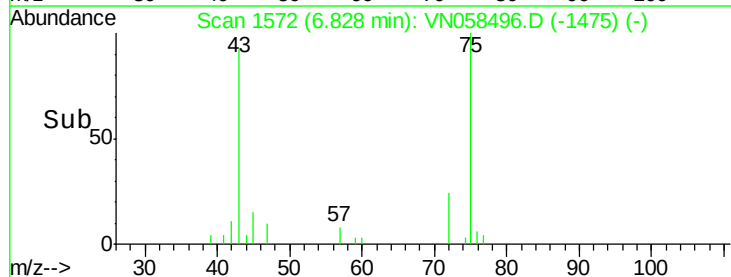
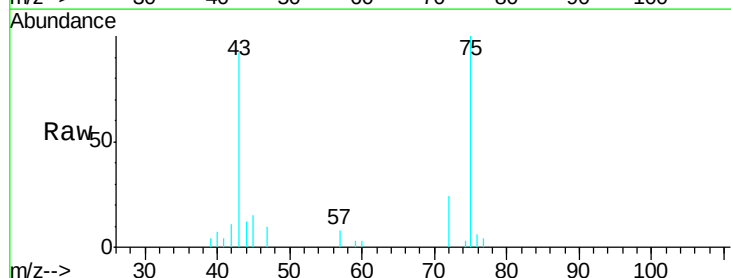
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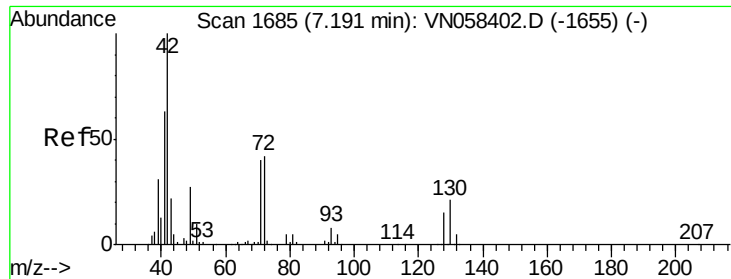
Tgt Ion: 84 Resp: 625894
Ion Ratio Lower Upper
84 100
49 135.6 107.9 161.9
51 41.6 32.8 49.2
86 63.8 51.5 77.3



#25
2-Butanone
Concen: 6.166 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Tgt Ion: 43 Resp: 15423
Ion Ratio Lower Upper
43 100
72 26.5 20.2 30.4

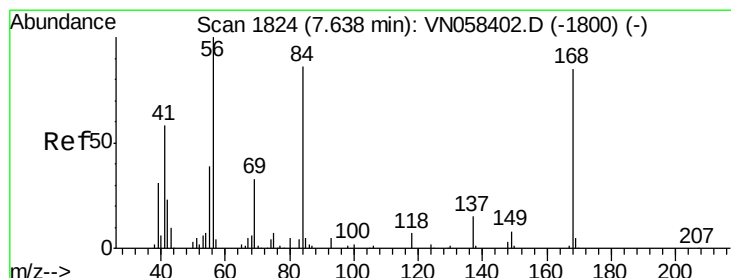
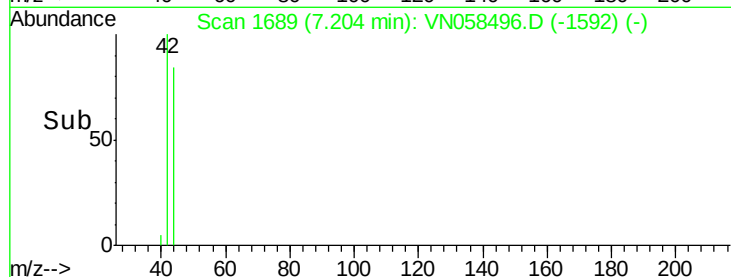
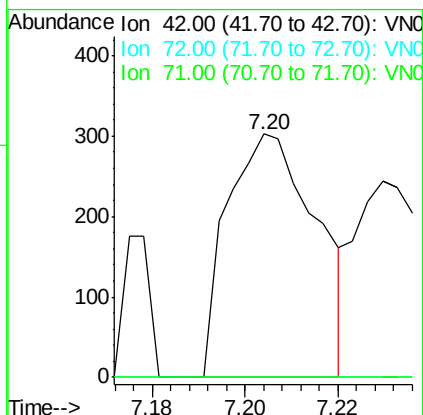
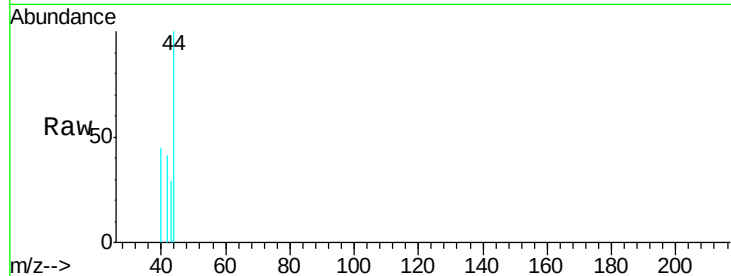




#29
Tetrahydrofuran
Concen: 0.254 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

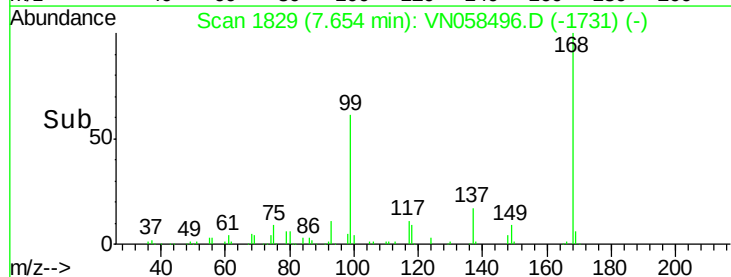
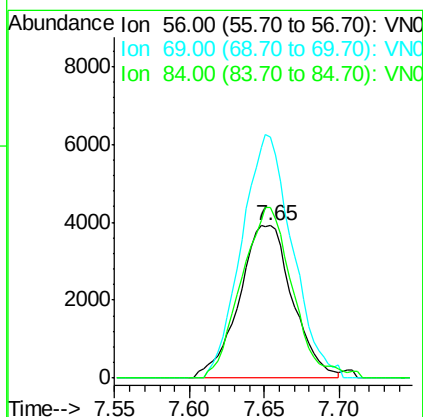
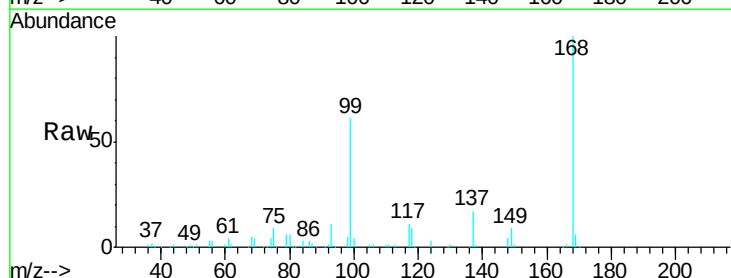
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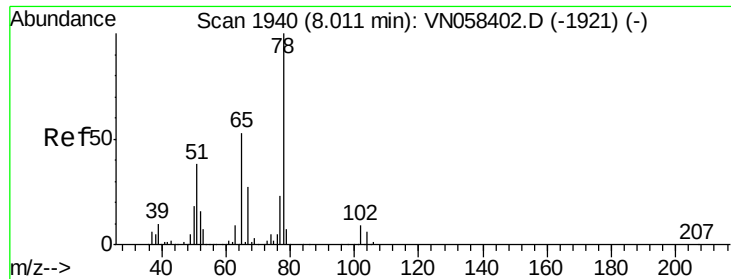
Tgt Ion: 42 Resp: 404
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 31.8 47.6#



#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Tgt Ion: 56 Resp: 9725
Ion Ratio Lower Upper
56 100
69 158.3 26.2 39.4#
84 111.9 67.6 101.4#

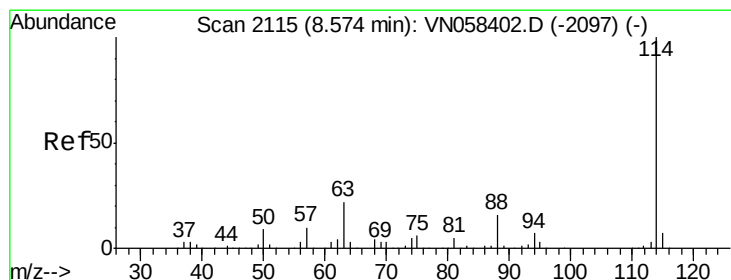
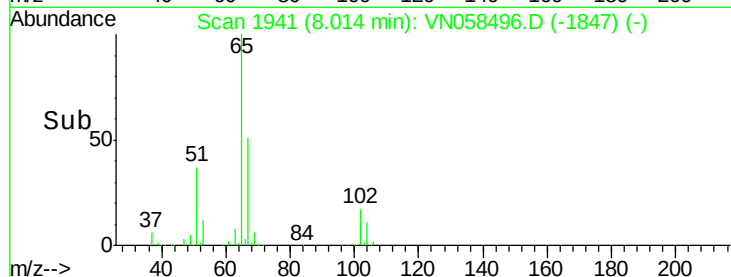
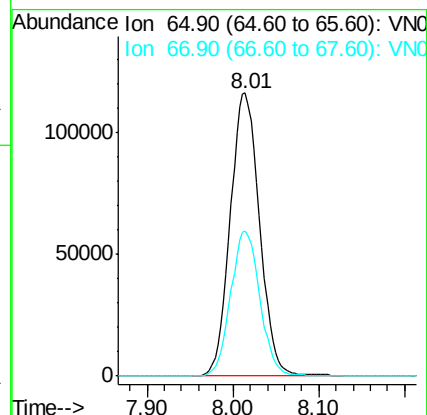
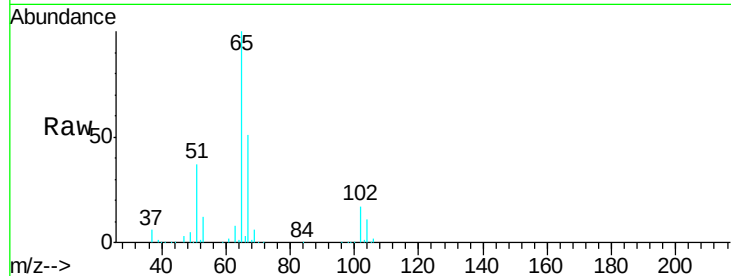




#33
 1,2-Dichloroethane-d4
 Concen: 51.628 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058496.D
 Acq: 2 Oct 2019 23:41

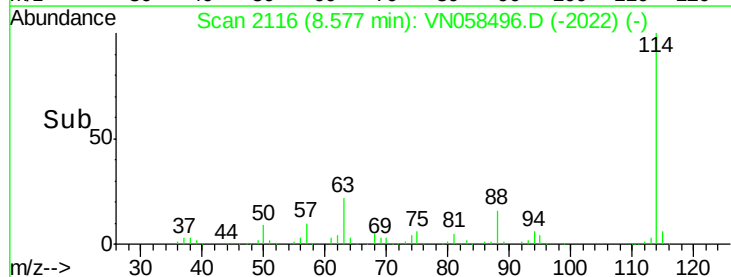
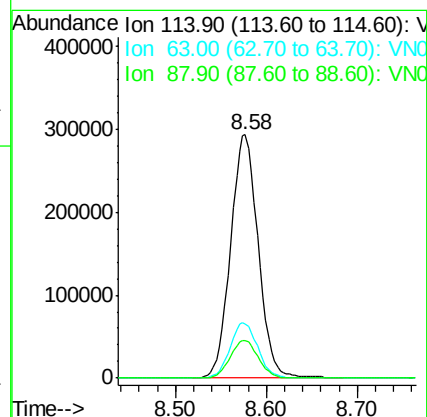
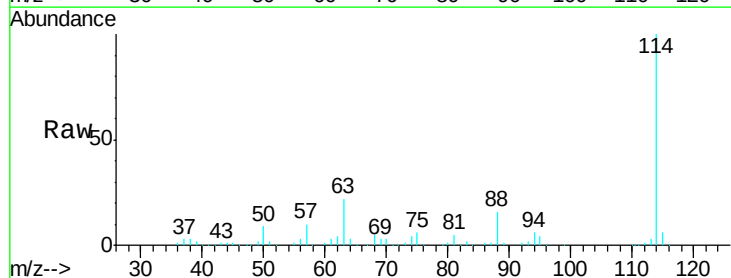
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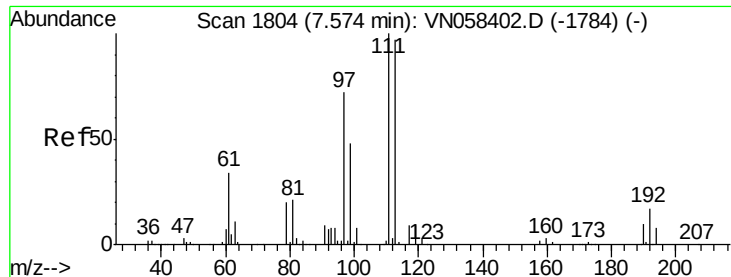
Tgt Ion: 65 Resp: 275920
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058496.D
 Acq: 2 Oct 2019 23:41

Tgt Ion: 114 Resp: 618571
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.258 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

20190831-COMPOSITE-G

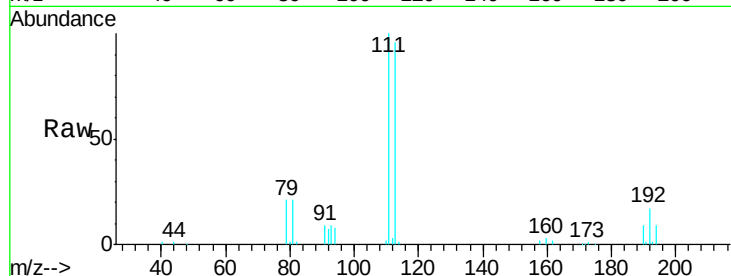
Tgt Ion:113 Resp: 190537

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

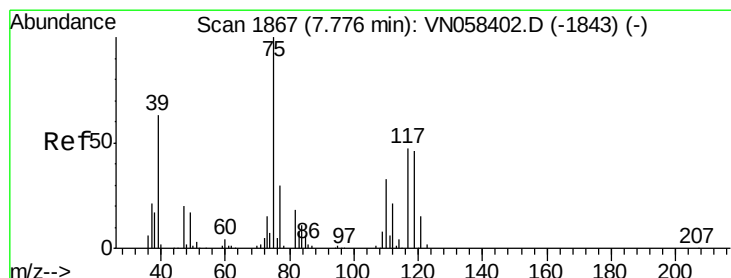
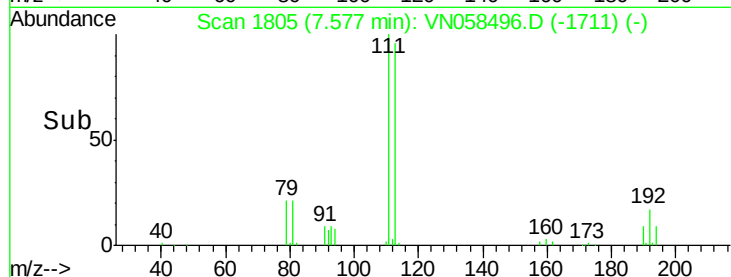
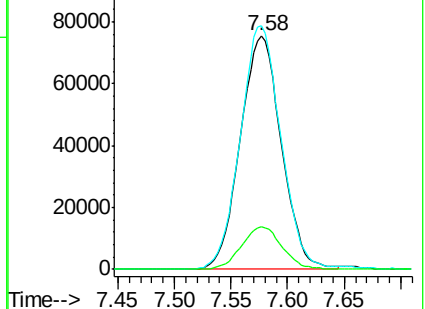
192 18.0 14.9 22.3



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: 5.363 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

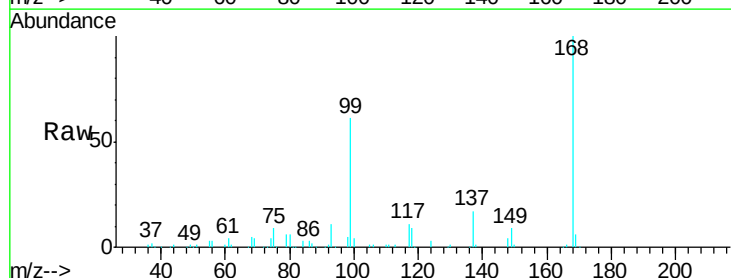
Tgt Ion: 75 Resp: 31718

Ion Ratio Lower Upper

75 100

110 9.3 16.4 49.2#

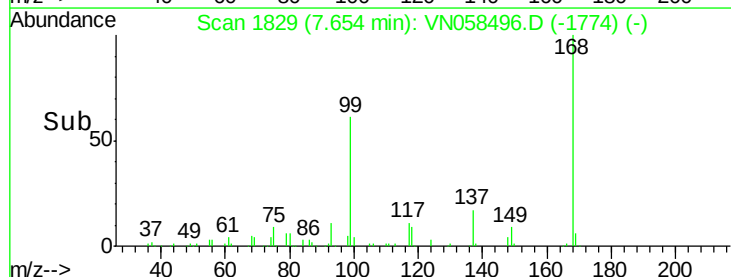
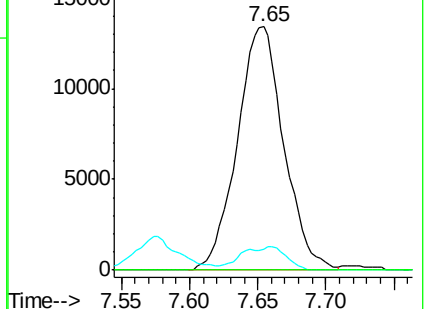
77 0.0 24.3 36.5#

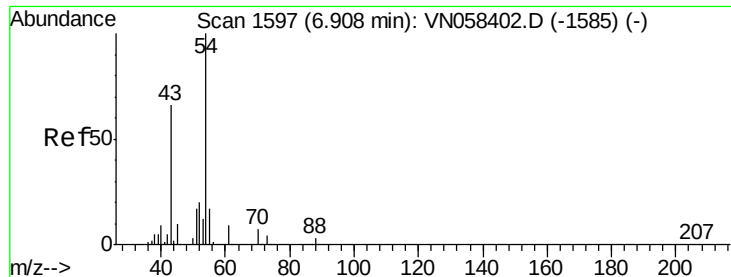


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

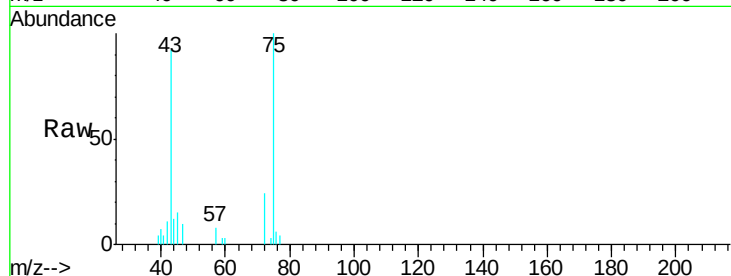




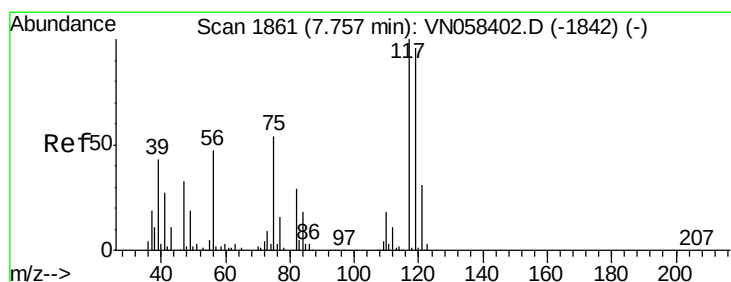
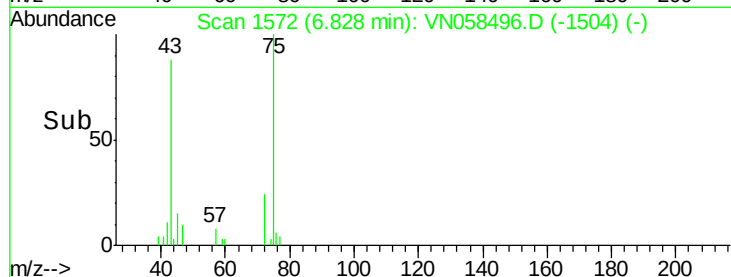
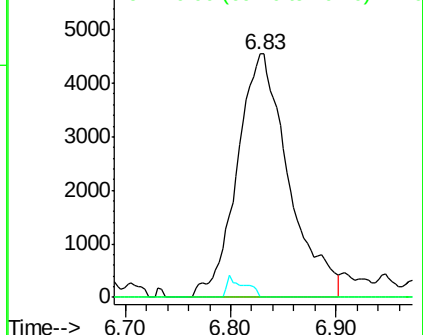
#37
Ethyl Acetate
Concen: 3.076 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.08 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Instrument :
MSVOA_N
ClientSampleId :
20190831-COMPOSITE-G

Tgt Ion: 43 Resp: 15423
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.8 11.6#

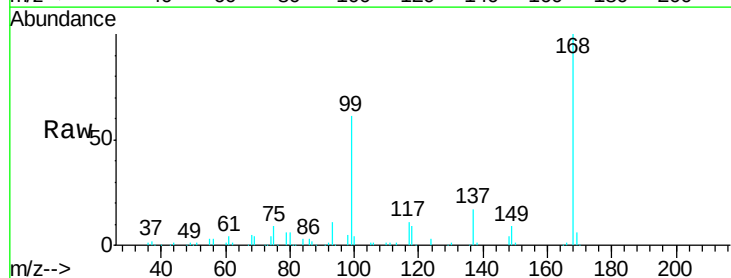


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

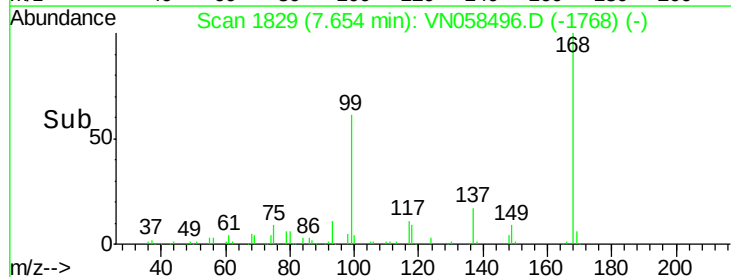
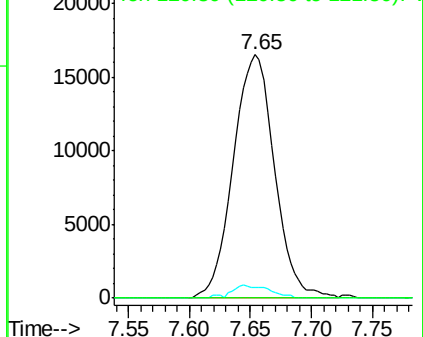


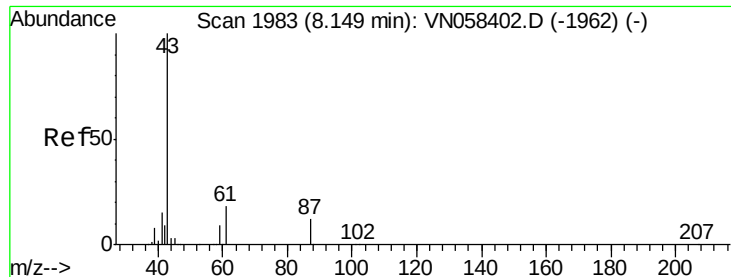
#38
Carbon Tetrachloride
Concen: 7.248 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.10 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Tgt Ion: 117 Resp: 38697
Ion Ratio Lower Upper
117 100
119 4.3 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: 8.620 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

20190831-COMPOSITE-G

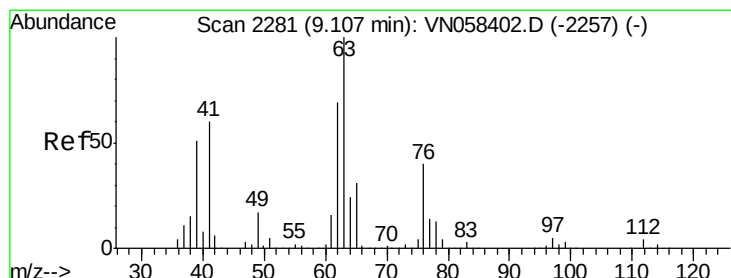
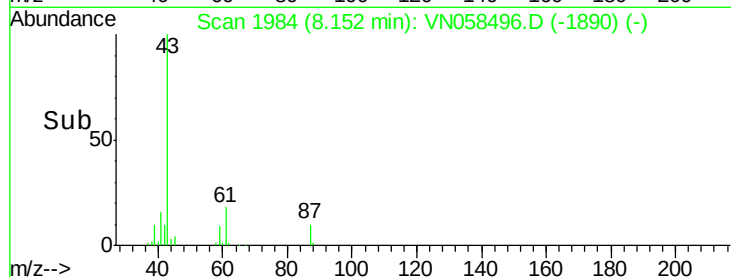
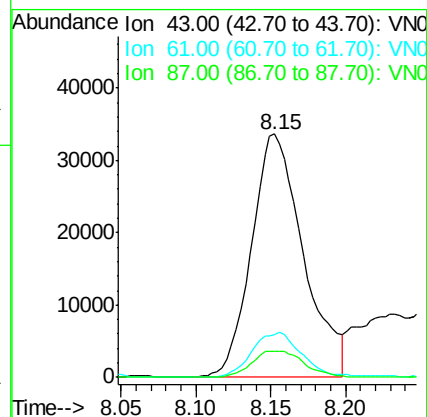
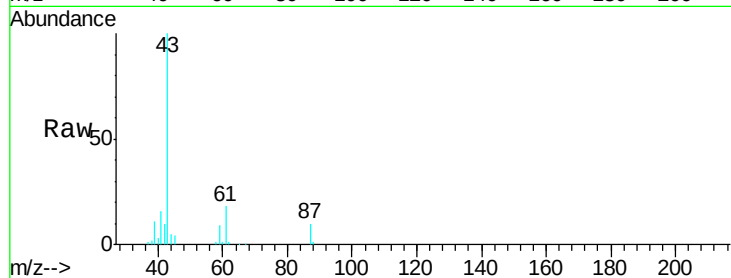
Tgt Ion: 43 Resp: 81284

Ion Ratio Lower Upper

43 100

61 17.7 14.8 22.2

87 10.7 9.7 14.5



#45

1,2-Dichloropropane

Concen: 0.307 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058496.D

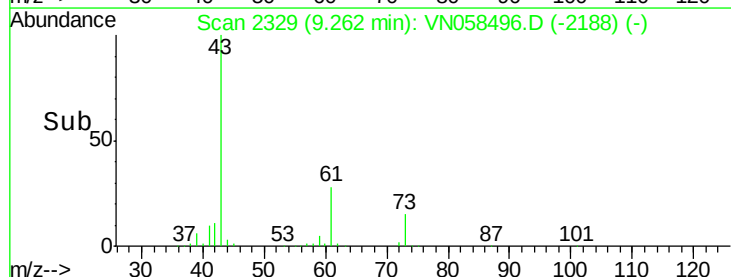
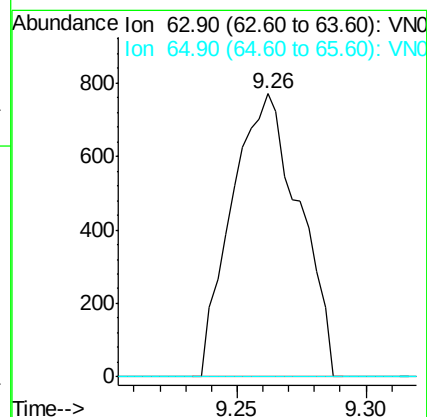
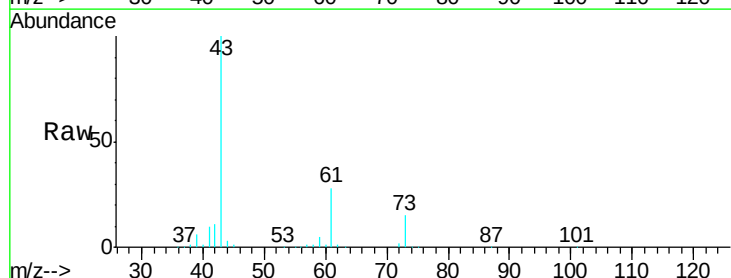
Acq: 2 Oct 2019 23:41

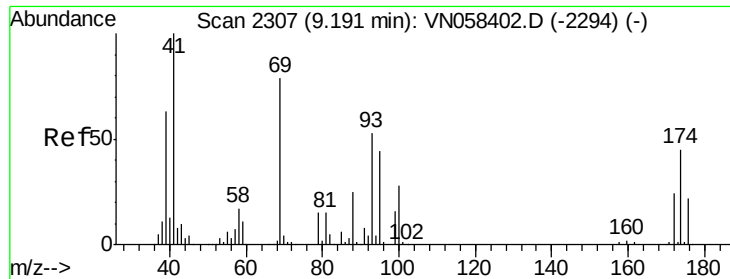
Tgt Ion: 63 Resp: 1398

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

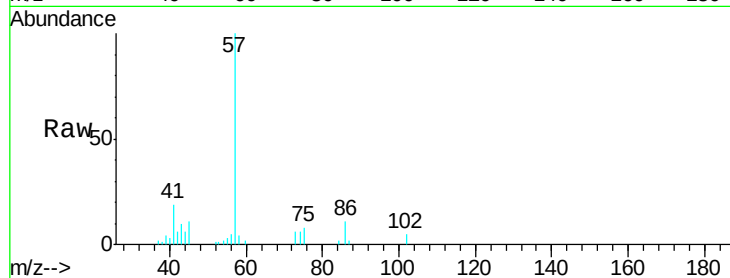




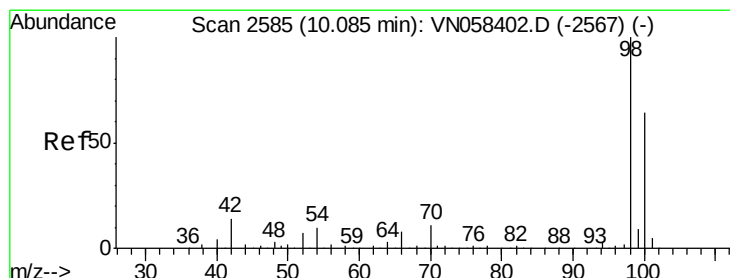
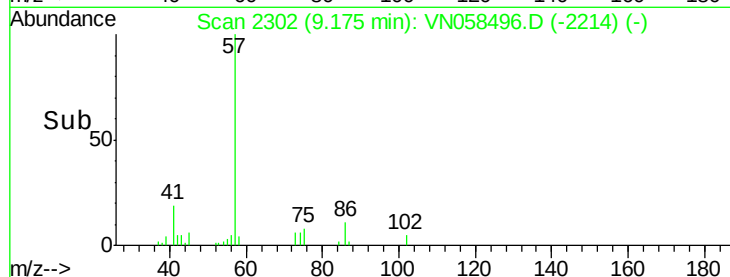
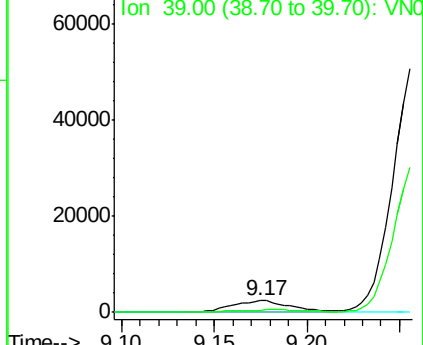
#48
Methyl methacrylate
Concen: 1.242 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Instrument :
MSVOA_N
ClientSampleId :
20190831-COMPOSITE-G

Tgt Ion: 41 Resp: 5335
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 0.0 52.9 79.3#

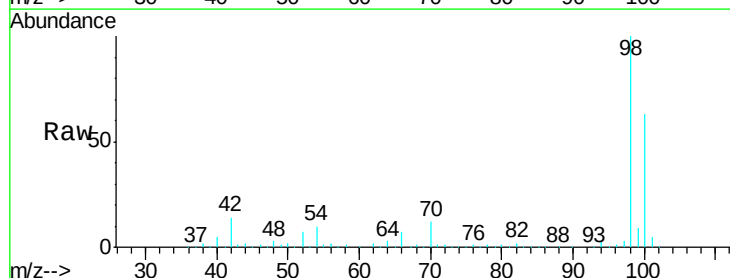


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

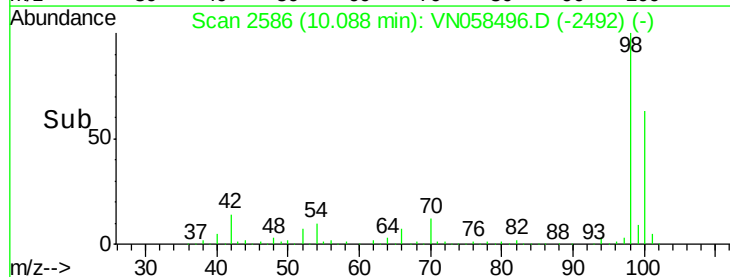
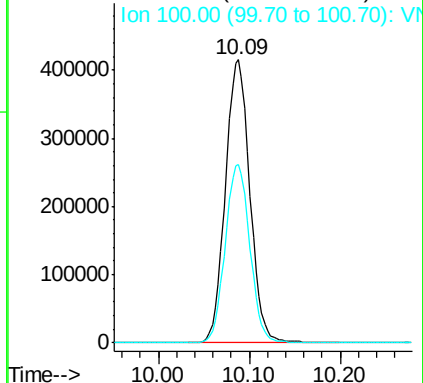


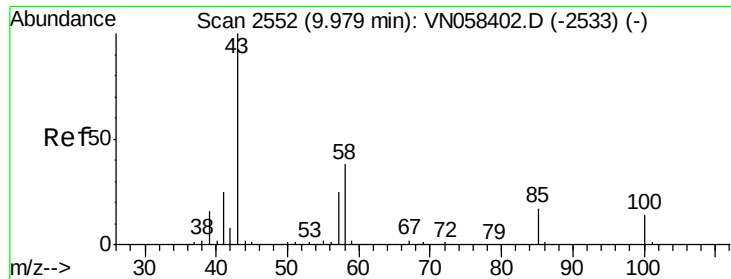
#50
Toluene-d8
Concen: 52.322 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Tgt Ion: 98 Resp: 777056
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6



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

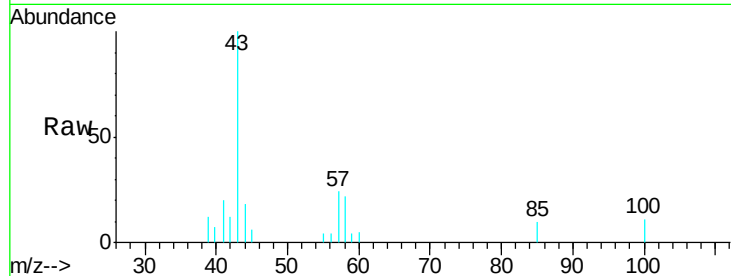




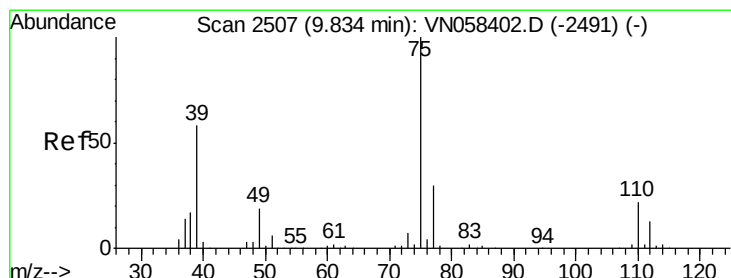
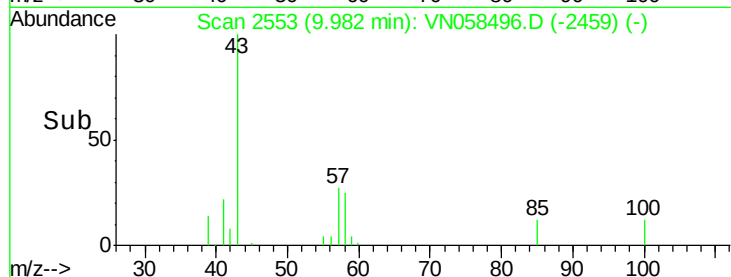
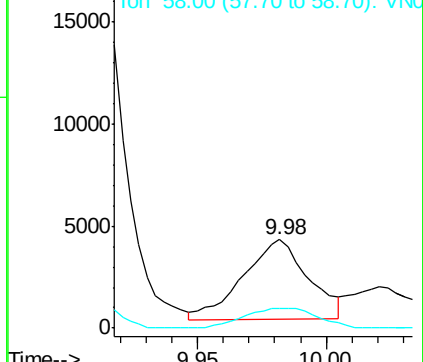
#51
 4-Methyl-2-Pentanone
 Concen: 1.428 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN058496.D
 Acq: 2 Oct 2019 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 20190831-COMPOSITE-G

Tgt Ion: 43 Resp: 6918
 Ion Ratio Lower Upper
 43 100
 58 28.1 30.2 45.2#

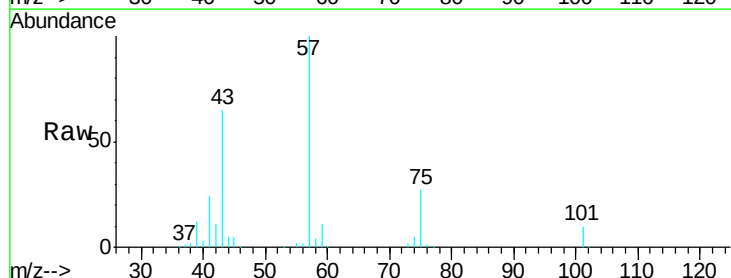


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

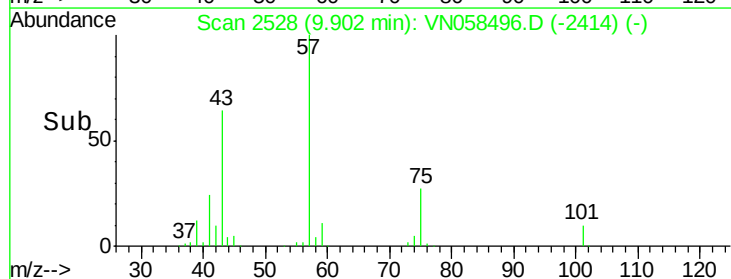
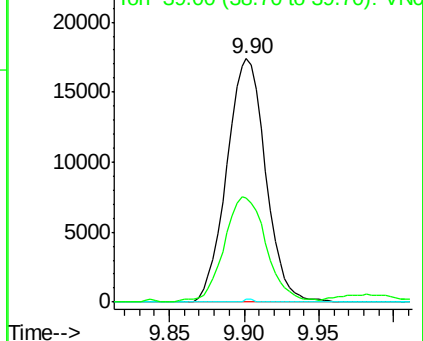


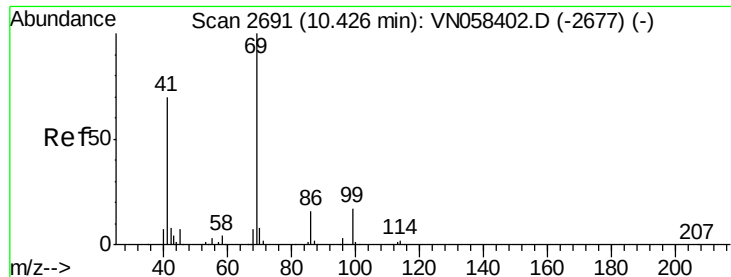
#54
 cis-1,3-Dichloropropene
 Concen: 4.755 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN058496.D
 Acq: 2 Oct 2019 23:41

Tgt Ion: 75 Resp: 31432
 Ion Ratio Lower Upper
 75 100
 77 1.1 24.2 36.4#
 39 41.8 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





#56

Ethyl methacrylate

Concen: 0.302 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

20190831-COMPOSITE-G

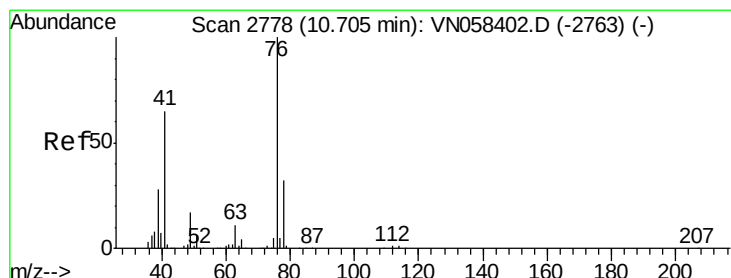
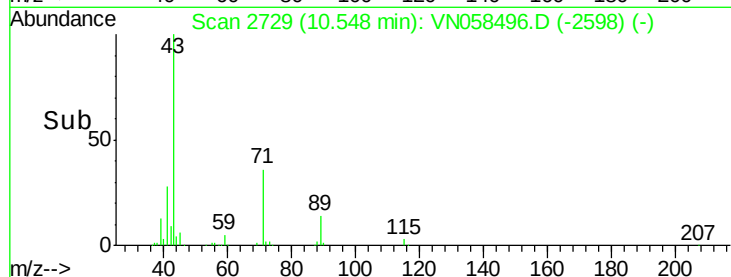
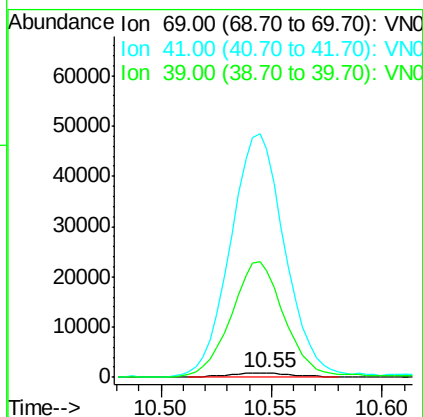
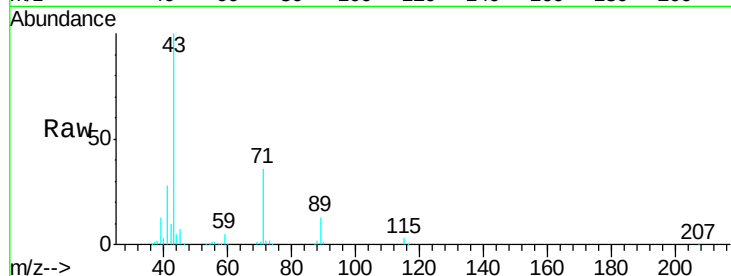
Tgt Ion: 69 Resp: 1784

Ion Ratio Lower Upper

69 100

41 4677.1 56.3 84.5#

39 2175.8 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 0.667 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058496.D

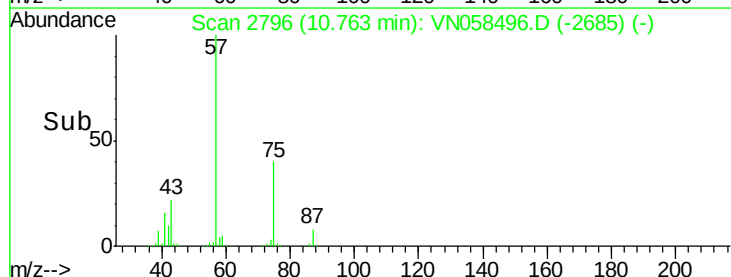
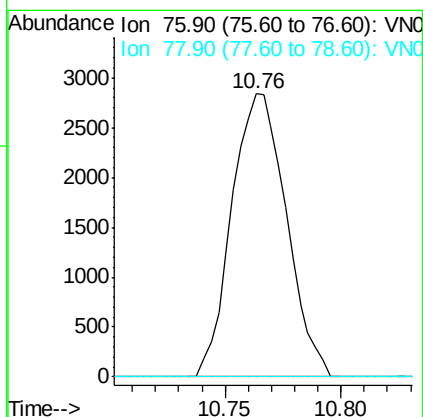
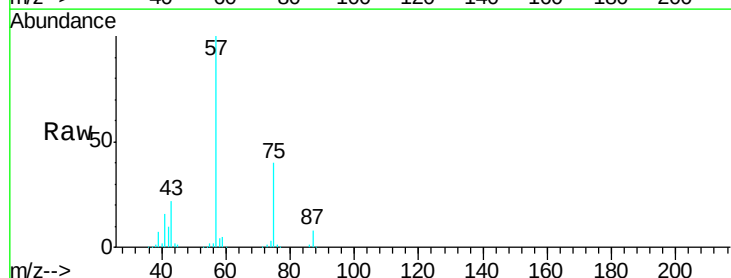
Acq: 2 Oct 2019 23:41

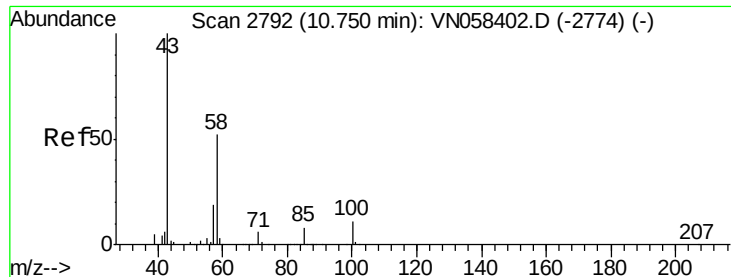
Tgt Ion: 76 Resp: 4639

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

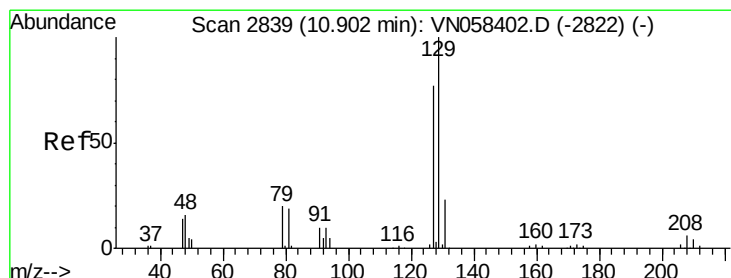
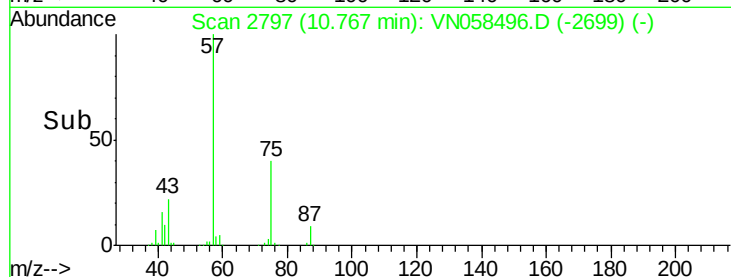
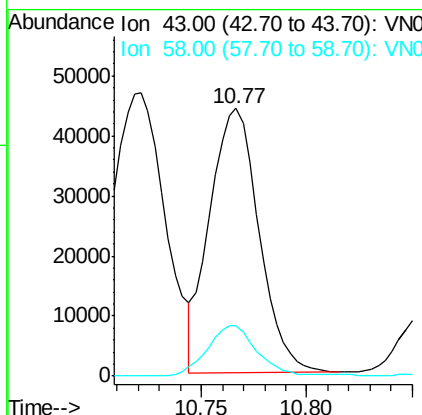
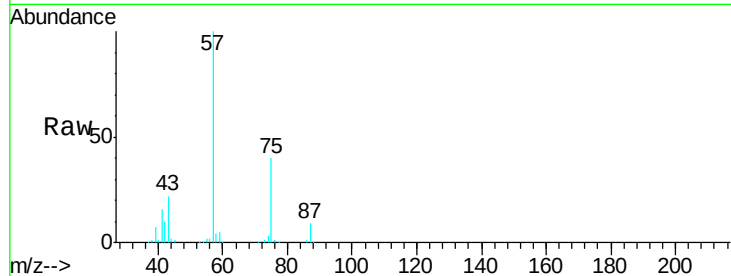




#59
2-Hexanone
Concen: 20.251 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

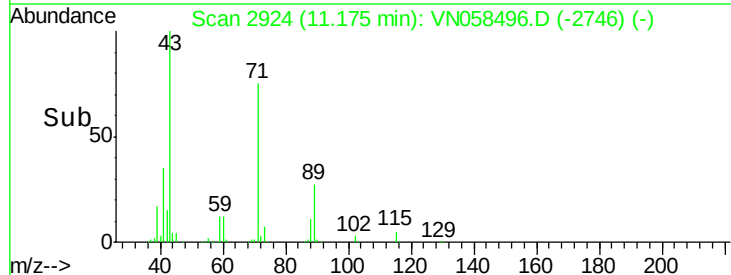
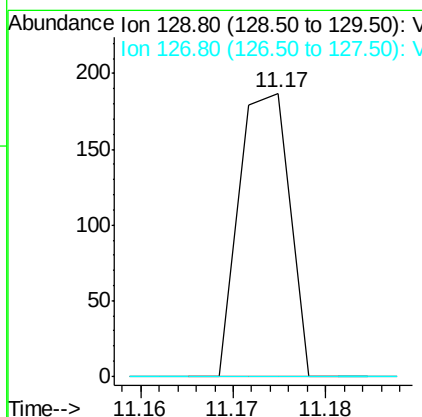
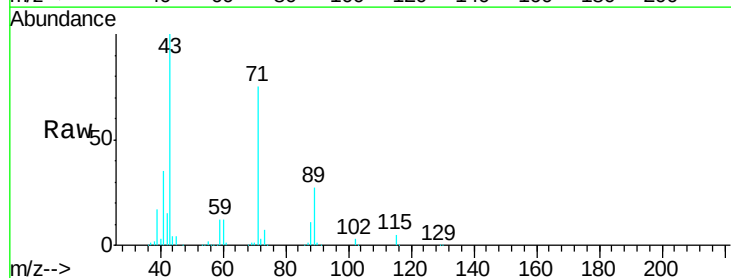
Instrument :
MSVOA_N
ClientSampleId :
20190831-COMPOSITE-G

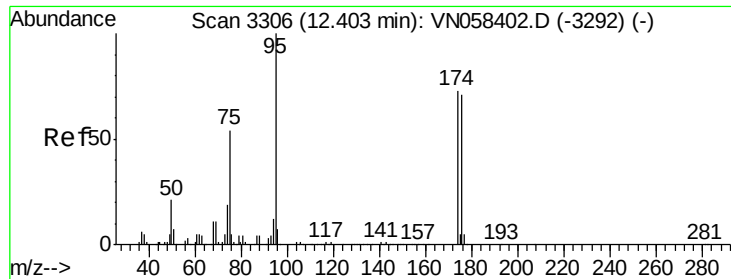
Tgt Ion: 43 Resp: 71426
Ion Ratio Lower Upper
43 100
58 19.2 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 11.17 min Scan# 2924
Delta R.T. 0.27 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Tgt Ion: 129 Resp: 71
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 44.602 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

20190831-COMPOSITE-G

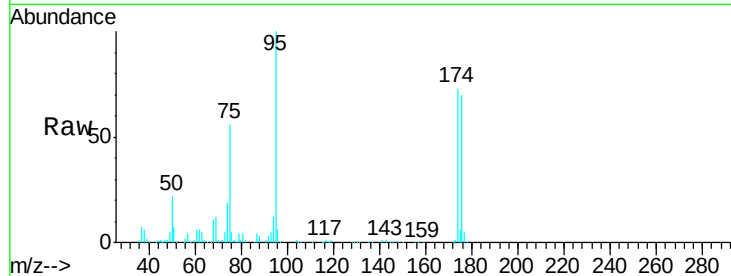
Tgt Ion: 95 Resp: 239515

Ion Ratio Lower Upper

95 100

174 73.4 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

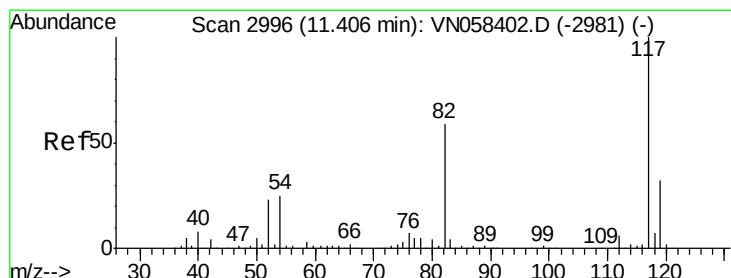
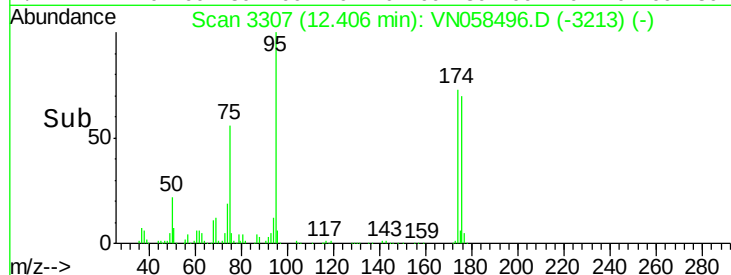
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

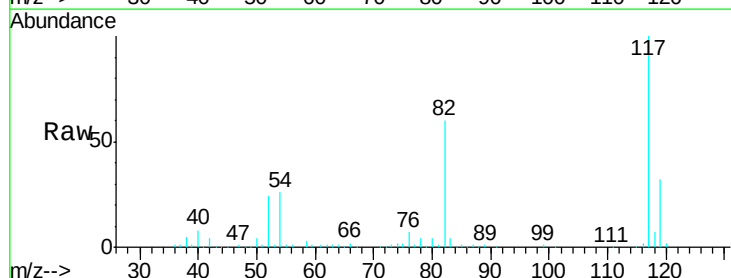
Tgt Ion: 117 Resp: 529073

Ion Ratio Lower Upper

117 100

82 59.5 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

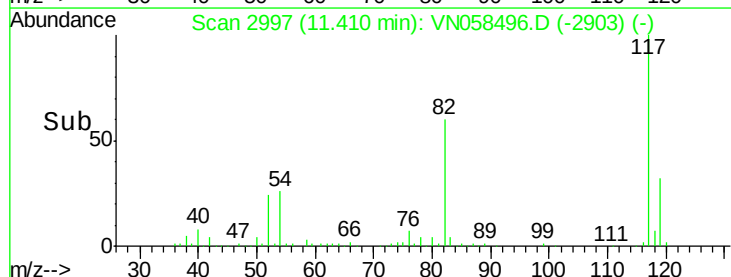
300000

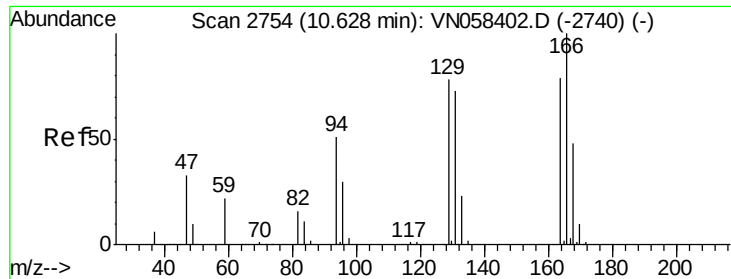
200000

100000

0

Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 0.280 ug/l

RT: 10.64 min Scan# 2757

Delta R.T. 0.01 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

20190831-COMPOSITE-G

Tgt Ion:164 Resp: 940

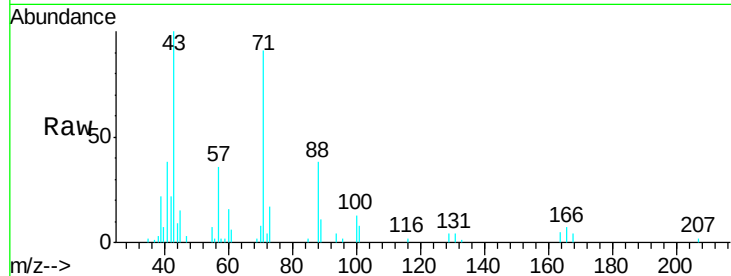
Ion Ratio Lower Upper

164 100

166 131.8 101.1 151.7

129 83.5 79.2 118.8

131 85.6 74.1 111.1

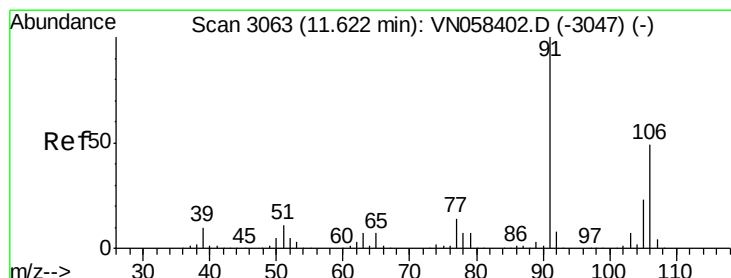
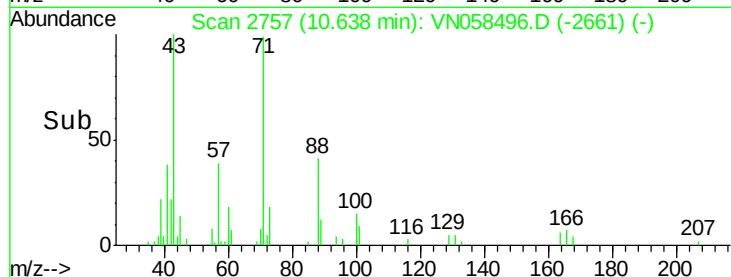
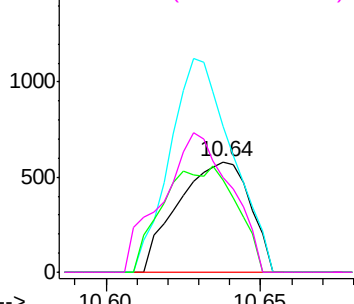


Abundance Ion 163.80 (163.50 to 164.50): V

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



#68

m/p-Xylenes

Concen: 1.464 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN058496.D

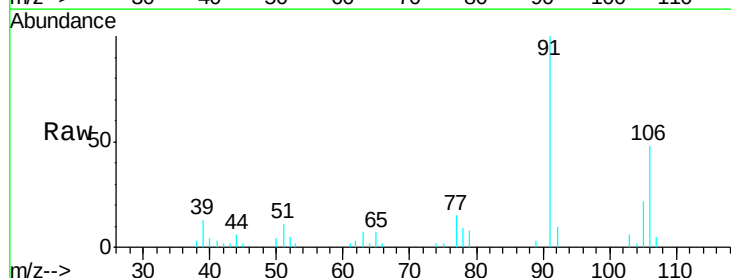
Acq: 2 Oct 2019 23:41

Tgt Ion:106 Resp: 10491

Ion Ratio Lower Upper

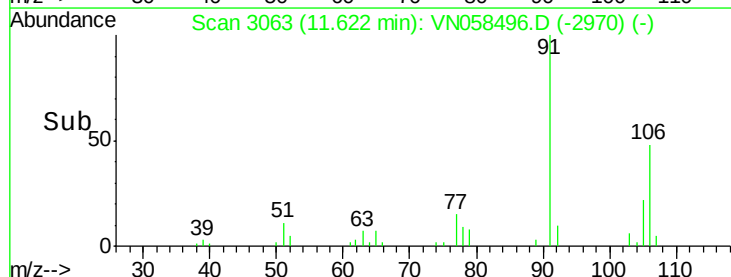
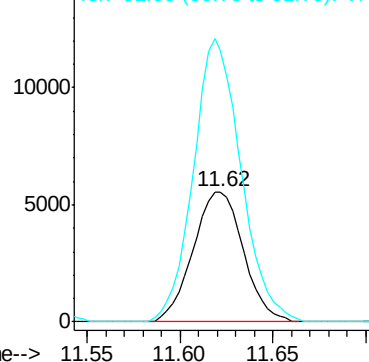
106 100

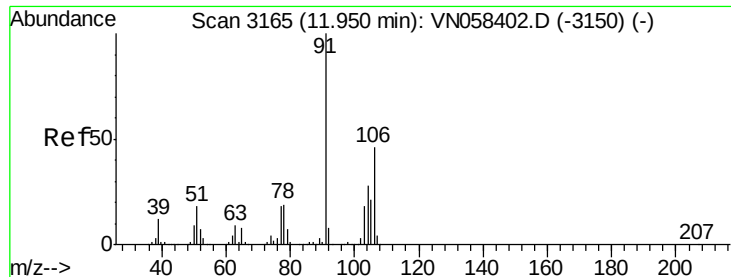
91 206.6 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





#69

o-Xylene

Concen: 0.792 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. 0.01 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

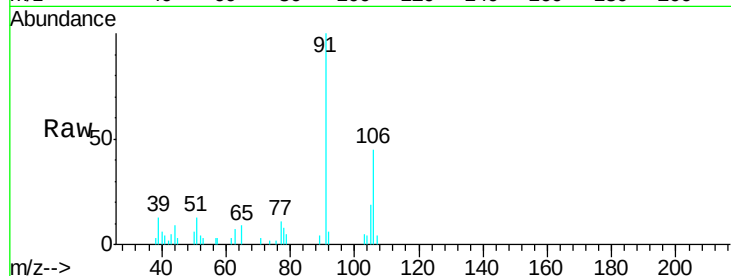
20190831-COMPOSITE-G

Tgt Ion:106 Resp: 5464

Ion Ratio Lower Upper

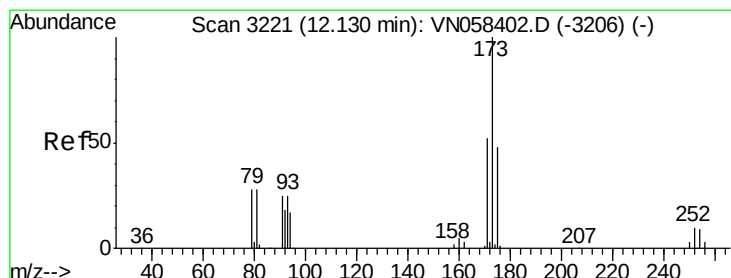
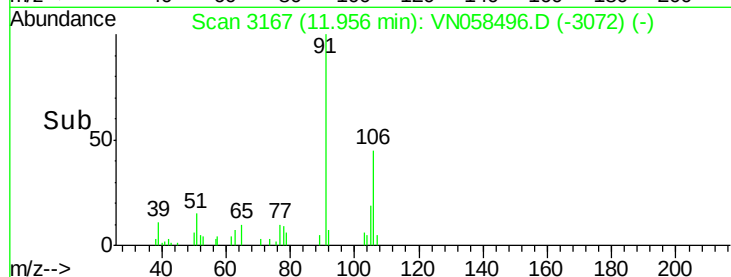
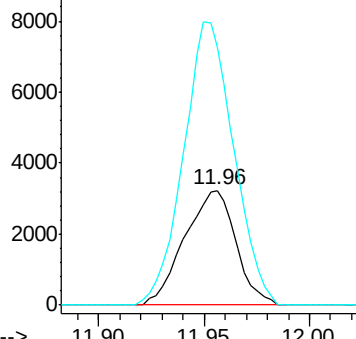
106 100

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): VN



#71

Bromoform

Concen: 1.036 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

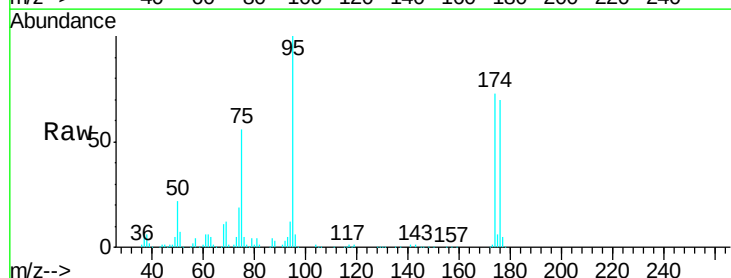
Tgt Ion:173 Resp: 847

Ion Ratio Lower Upper

173 100

175 1234.5 24.3 73.0#

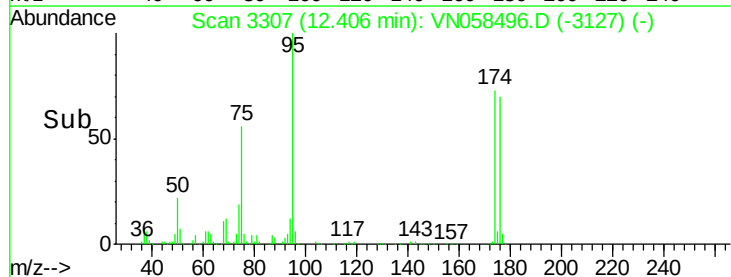
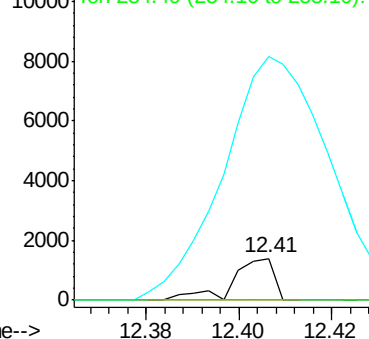
254 0.0 0.1 0.1#

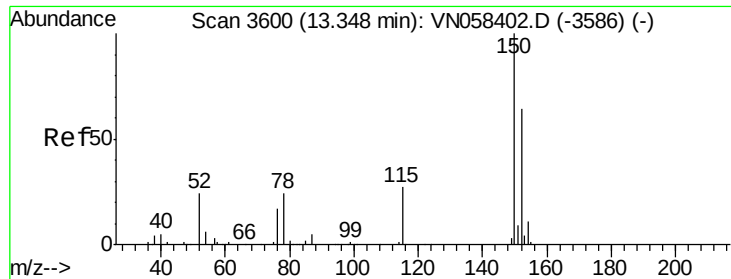


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

20190831-COMPOSITE-G

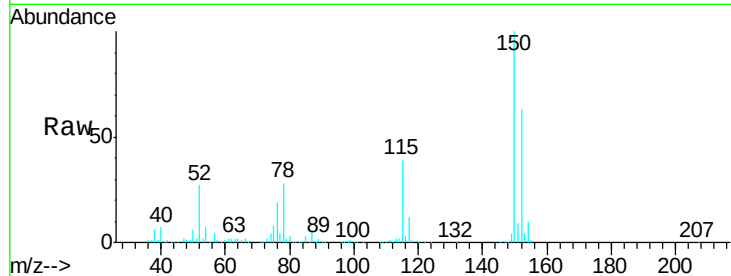
Tgt Ion:152 Resp: 193439

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

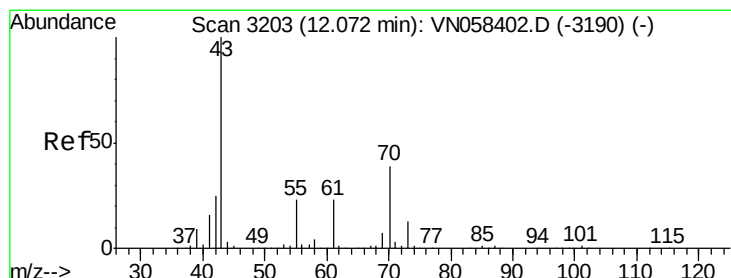
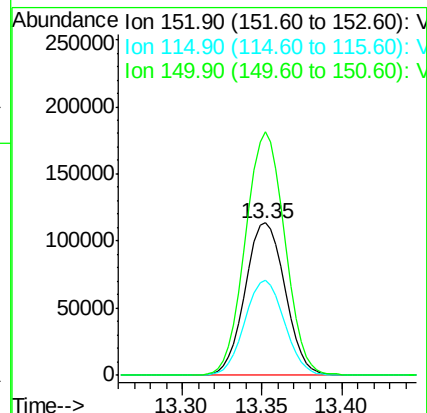
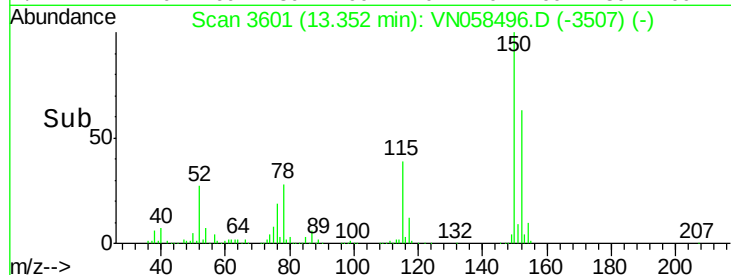
150 158.0 0.0 348.2



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: 0.953 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Tgt Ion: 43 Resp: 5421

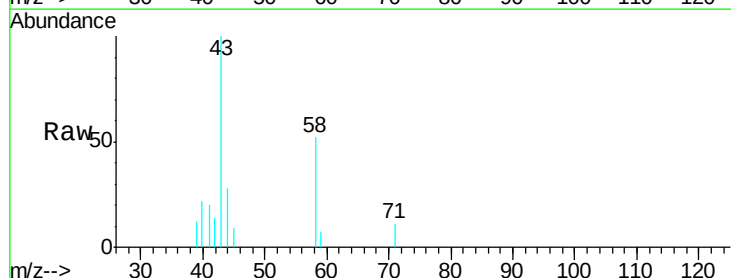
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 0.0 18.2 27.4#

61 0.0 18.3 27.5#

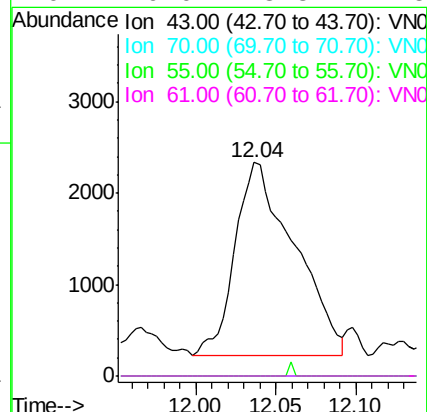
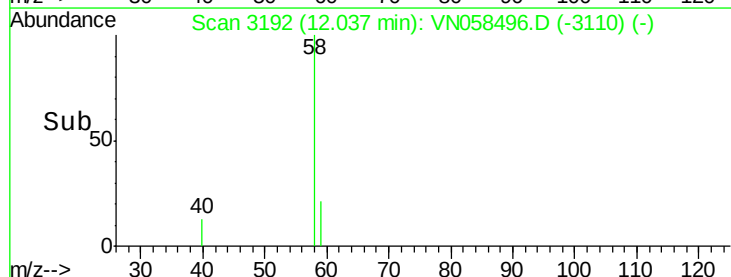


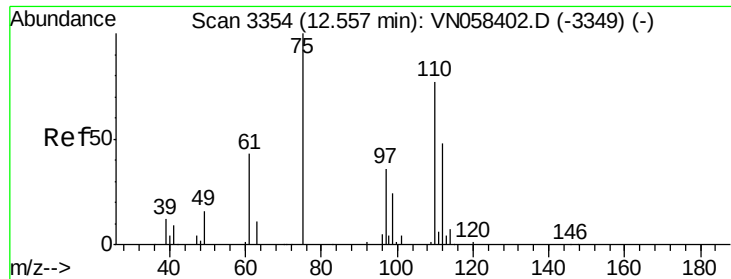
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 37.663 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

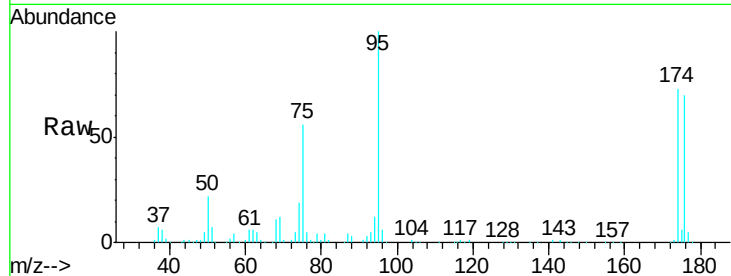
20190831-COMPOSITE-G

Tgt Ion: 75 Resp: 133071

Ion Ratio Lower Upper

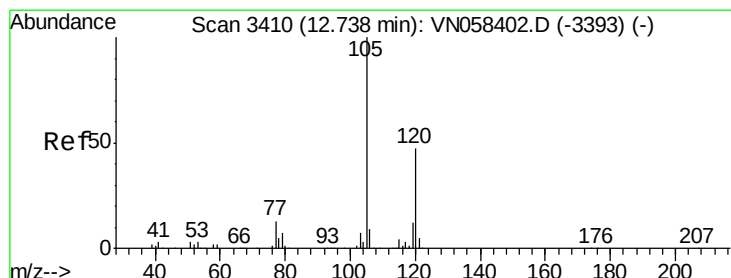
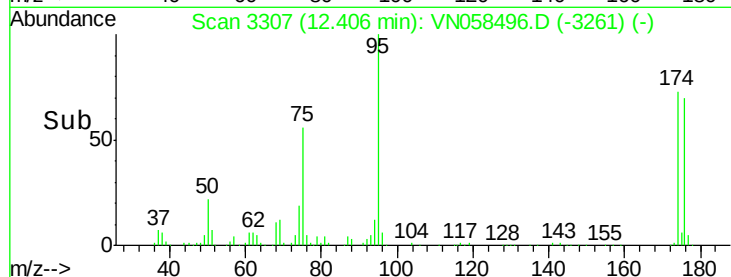
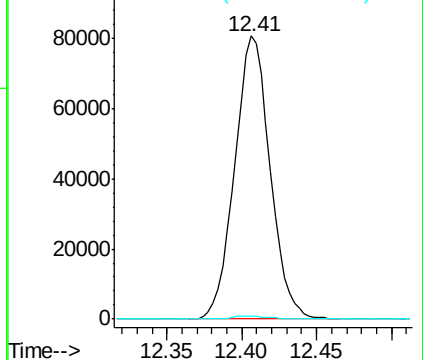
75 100

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: 0.579 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058496.D

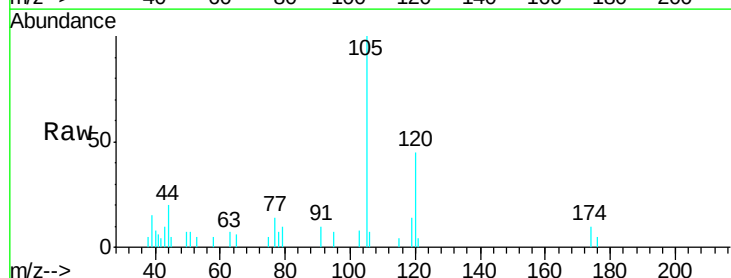
Acq: 2 Oct 2019 23:41

Tgt Ion:105 Resp: 6928

Ion Ratio Lower Upper

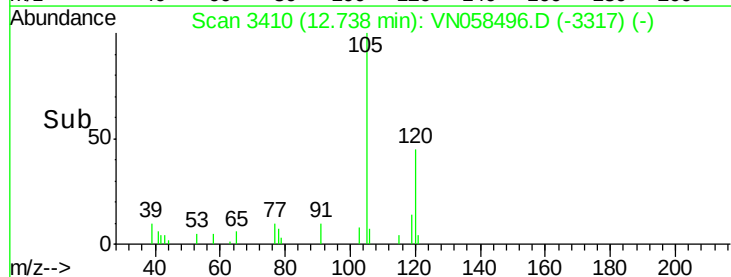
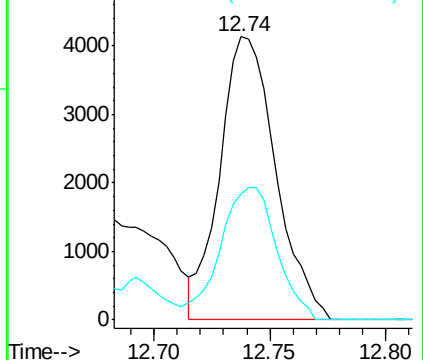
105 100

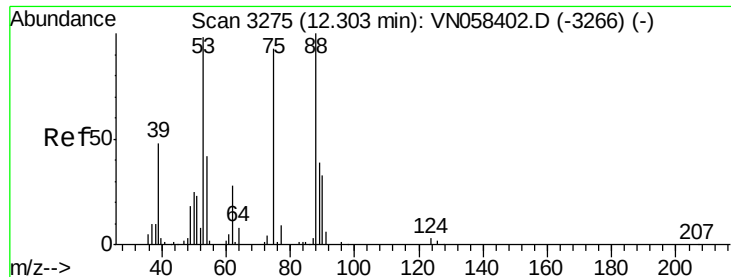
120 47.4 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

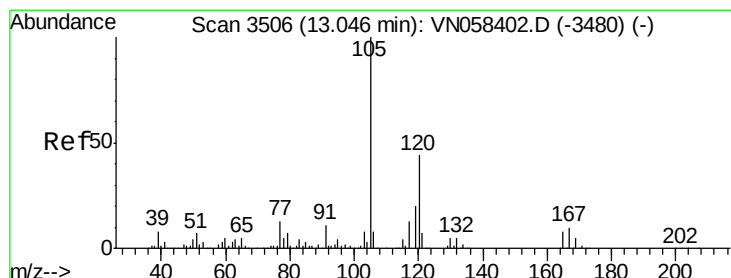
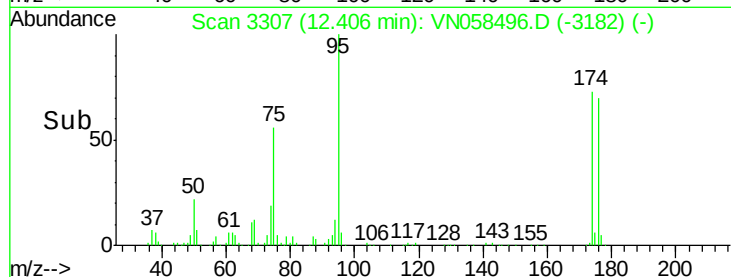
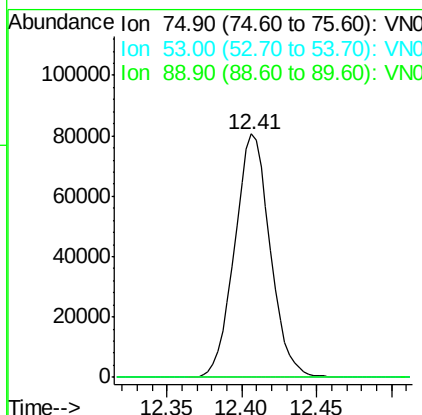
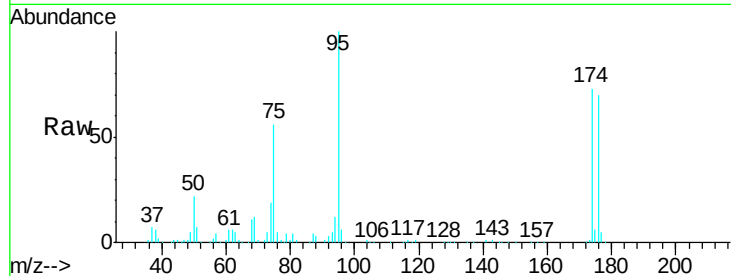




#81
trans-1,4-Dichloro-2-butene
Concen: 114.388 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

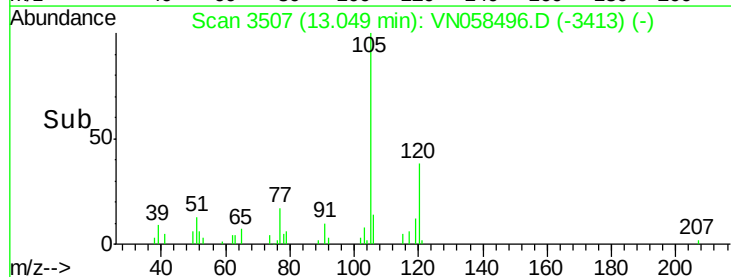
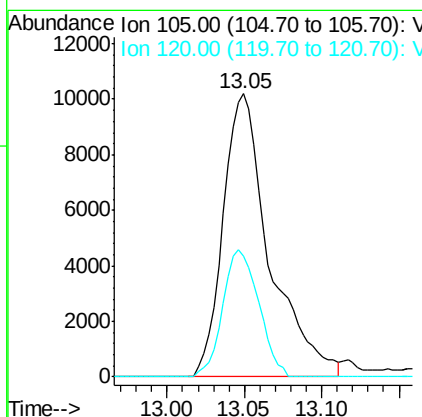
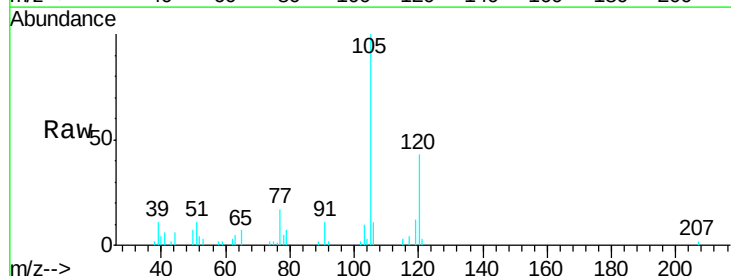
Instrument :
MSVOA_N
ClientSampleId :
20190831-COMPOSITE-G

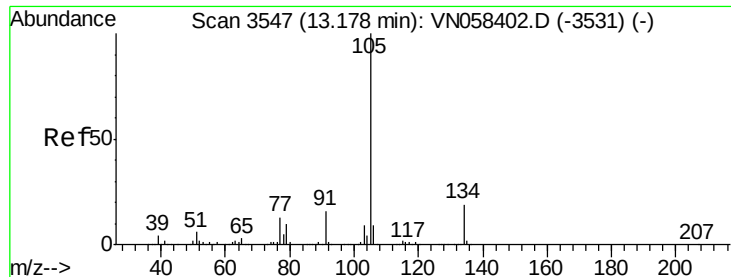
Tgt Ion: 75 Resp: 133071
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.0#
89 0.0 35.0 52.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.766 ug/l
RT: 13.05 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN058496.D
Acq: 2 Oct 2019 23:41

Tgt Ion: 105 Resp: 21176
Ion Ratio Lower Upper
105 100
120 34.9 21.7 65.1





#85

sec-Butylbenzene

Concen: 1.593 ug/l

RT: 13.05 min Scan# 3507

Delta R.T. -0.13 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

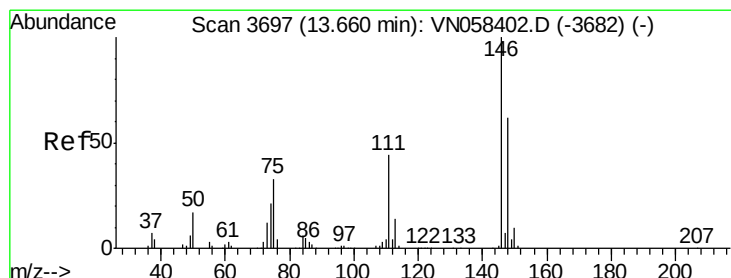
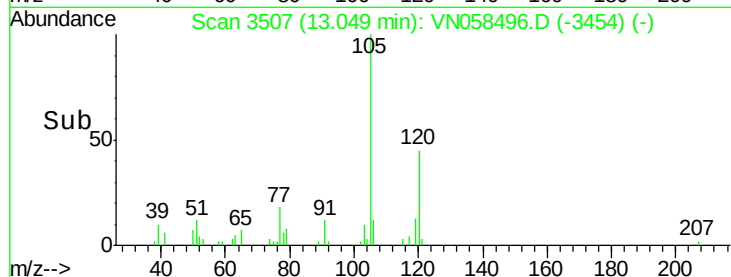
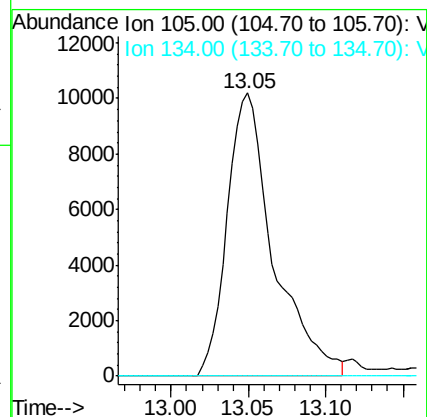
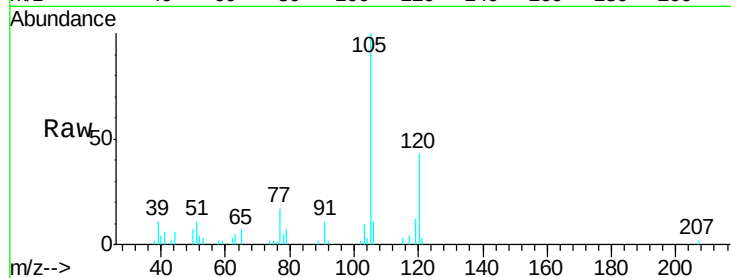
20190831-COMPOSITE-G

Tgt Ion:105 Resp: 21176

Ion Ratio Lower Upper

105 100

134 0.0 9.4 28.2#



#91

1,2-Dichlorobenzene

Concen: 0.384 ug/l

RT: 13.66 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN058496.D

Acq: 2 Oct 2019 23:41

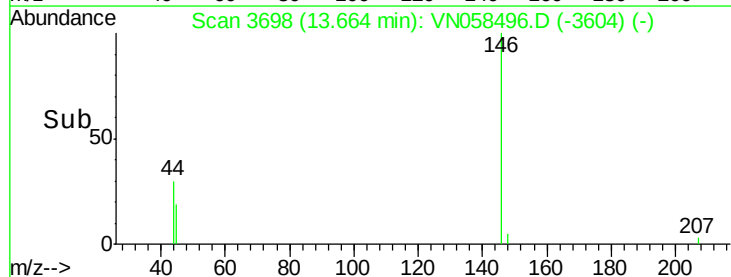
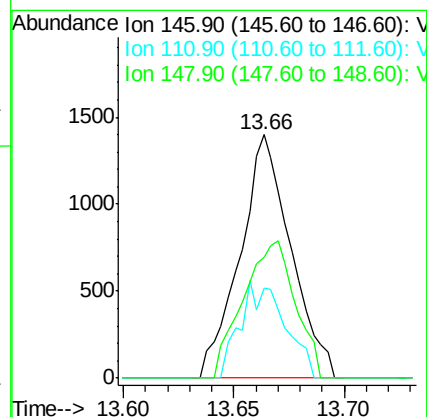
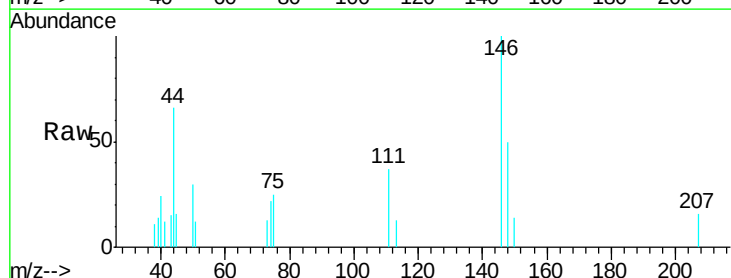
Tgt Ion:146 Resp: 2240

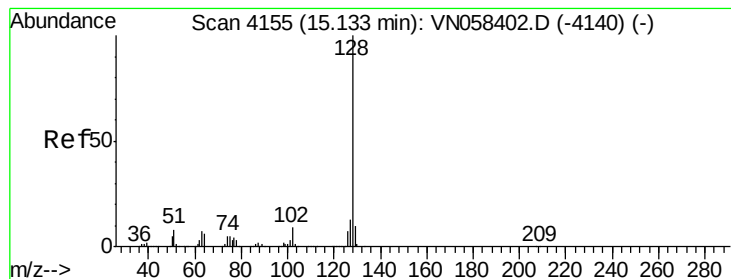
Ion Ratio Lower Upper

146 100

111 34.9 21.8 65.3

148 57.8 31.5 94.5





#95

Naphthalene

Concen: 1.449 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058496.D

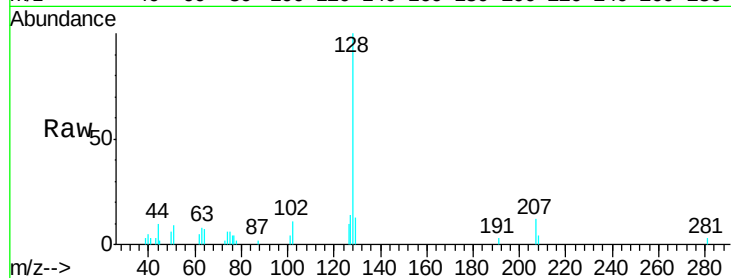
Acq: 2 Oct 2019 23:41

Instrument :

MSVOA_N

ClientSampleId :

20190831-COMPOSITE-G



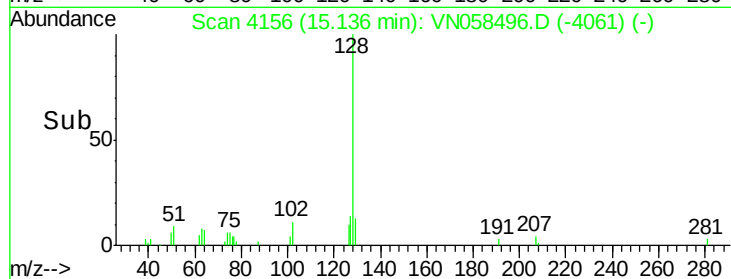
Tgt Ion:128 Resp: 13959

Ion Ratio Lower Upper

128 100

127 14.8 10.2 15.4

129 11.6 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

